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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NWIRP BETHPAGE 112G08005-WE13

TETRA TECH NUS, INC.

661 Andersen Drive

Suite 200

Pittsburgh, PA - 15220-2745

Phone No: 412-921-7090

ORDER ID : Q2645

ATTENTION : Ernie Wu

Laboratory Certification ID # 20012

Table Of Contents for Q2645

1) PCB Data 2

2) Signature Page 4

3) Case Narrative 5

4) Qualifier Page 7

5) Conformance/Non Conformance 8

6) QA Checklist 10

7) Chronicle 11

8) Hit Summary 12

9) QC Data Summary For PCB 13

- 9.1) Deuterated Monitoring Compound Summary 14
- 9.2) MS/MSD Summary 16
- 9.3) LCS/LCSD Summary 20
- 9.4) Method Blank Summary 22

10) Sample Data 24

- 10.1) RW5B-CARBON-20250716 25
- 10.2) RW5B-CARBON-20250716RX 29

11) Calibration Data Summary 33

- 11.1) Initial Calibration Data 34
  - 11.1.1) PO070825 34
  - 11.1.2) PP070825 253
- 11.2) Continued Calibration Data 472
  - 11.2.1) PO112332.D 472
  - 11.2.2) PO112346.D 484
  - 11.2.3) PO112366.D 496
  - 11.2.4) PO112381.D 508
  - 11.2.5) PP073972.D 520
  - 11.2.6) PP073987.D 532
  - 11.2.7) PP074002.D 544
- 11.3) Analytical Seq 556

12) Compound Detection Summary 560

13) QC Sample Data 566

- 13.1) Method Blank Data 567
- 13.2) PIBLK Data 575
- 13.3) LCS Data 611
- 13.4) MS Data 629

13.5) MSD Data 647
14) Manual Integration 665
15) Analytical Runlogs 682
16) Percent Solid 706
17) Extraction Logs 710
17.1) PB168927.pdf 710
17.2) PB168927IC.pdf 712
17.3) PB168946.pdf 713
17.4) PB168946IC.pdf 716
18) Standard Prep Logs 717
19) Shipping Document 803
19.1) Chain Of Custody 804
19.2) Lab Certificate 805
20) Not Reviewed Data 806

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

Cover Page

Order ID : Q2645

Project ID : NWIRP Bethpage 112G08005-WE13

Client : Tetra Tech NUS, Inc.

Lab Sample Number	Client Sample Number
Q2645-02	RW5B-CARBON-20250716
Q2645-03	RW5B-CARBON-20250716

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 Sohil Jodhani, QA/QC Director at 11:43 am, Jul 30, 2025

Date: 7/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Tetra Tech NUS, Inc.
Project Name: NWIRP Bethpage 112G08005-WE13
Project Manager: Ernie Wu
Order ID # Q2645
Test Name: PCB

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 07/18/2025.

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 analyses were performed on instrument GCECD_O. 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 3510.

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

The Surrogate recoveries were met for all analysis except for
RW5B-CARBON-20250716 [Decachlorobiphenyl(1)6%, Decachlorobiphenyl(2)6%, Tetrachloro-m-xylene(1)1%, Tetrachloro-m-xylene(2)2%],
RW5B-CARBON-20250716RX [Decachlorobiphenyl(1)5%, Decachlorobiphenyl(2)1%, Tetrachloro-m-xylene(1)1% and Tetrachloro-m-xylene(2)1%],
Sample RW5B-CARBON-20250716 (Q2645-02) failed for surrogate from PB168927, Therefore sample was Re-extracted and reanalyzed from PB168946 and both run reported.

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 for {Q2649-01MSD} with File ID: PO112380.D met criteria except for AR1016[21%] due to difference in results of MS-MSD.

The Blank Spike met requirements for all compounds.

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

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

The Continuous Calibration File ID PP073987.D met the requirements except for Decachlorobiphenyl is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

The Continuous Calibration File ID PP074002.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.

E. Additional Comments:
The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

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 Sohil Jodhani, QA/QC Director at 11:43 am, Jul 30, 2025

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

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2645 MATRIX: /Water

METHOD: 8082A/3510

		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 PP073987.D met the requirements except for Decachlorobiphenyl is failing in 2nd column however it is passing in 1st column therefore no corrective action taken. The Continuous Calibration File ID PP074002.D met the requirements except for Aroclor-1260(Peak-02) is failing in 1st column however it is passing in 2nd column therefore no corrective action taken.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for RW5B-CARBON-20250716 [Decachlorobiphenyl(1)6%, Decachlorobiphenyl(2)6%, Tetrachloro-m-xylene(1)1%, Tetrachloro-m-xylene(2)2%], RW5B-CARBON-20250716RX [Decachlorobiphenyl(1)5%, Decachlorobiphenyl(2)1%, Tetrachloro-m-xylene(1)1% and Tetrachloro-m-xylene(2)1%], Sample RW5B-CARBON-20250716 (Q2645-02) failed for surrogate from PB168927, Therefore sample was Re-extracted and reanalyzed from PB168946 and both run reported.		✓	
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. The MS recoveries met the requirements for all compounds. The MSD recoveries met the requirements for all compounds. The Blank Spike met requirements for all compounds. The RPD for {Q2649-01MSD} with File ID: PO112380.D met criteria except for AR1016[21%] due to difference in results of MS-MSD.		✓	

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

The not QT review data is reported in the Miscellaneous.

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

QA REVIEW

APPROVED

By Sohil Jodhani, QA/QC Director at 11:43 am, Jul 30, 2025

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2645

	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:** 07/30/2025

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

LAB CHRONICLE

OrderID:	Q2645	**OrderDate:**	7/18/2025 11:25:00 AM
Client:	Tetra Tech NUS, Inc.	**Project:**	NWIRP Bethpage 112G08005-WE13
Contact:	Ernie Wu	**Location:**	--Select--,O41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2645-02	**RW5B-CARBON-20250716**	**SOIL**			**07/16/25**			**07/18/25**
			PCB	8082A		07/21/25	07/21/25	
Q2645-02RX	**RW5B-CARBON-20250716RX**	**SOIL**			**07/16/25**			**07/18/25**
			PCB	8082A		07/22/25	07/22/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q2645 **Order ID:** Q2645

Client: Tetra Tech NUS, Inc. **Project ID:** NWIRP Bethpage 112G08005-WE13

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

Client ID :

Total Concentration: **0.000**

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2645

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112087.D	PIBLK-PO112087.D	Tetrachloro-m-xyl	1	20	19.4	97		60	140
		Decachlorobiphen	1	20	18.8	94		60	140
		Tetrachloro-m-xyl	2	20	20.0	100		60	140
		Decachlorobiphen	2	20	19.3	97		60	140
I.BLK-PO112336.D	PIBLK-PO112336.D	Tetrachloro-m-xyl	1	20	22.3	112		60	140
		Decachlorobiphen	1	20	18.4	92		60	140
		Tetrachloro-m-xyl	2	20	20.7	104		60	140
		Decachlorobiphen	2	20	17.7	88		60	140
Q2645-02	RW5B-CARBON-20250716	Tetrachloro-m-xyl	1	20	0.28	1	*	44	130
		Decachlorobiphen	1	20	1.12	6	*	60	125
		Tetrachloro-m-xyl	2	20	0.34	2	*	44	130
		Decachlorobiphen	2	20	1.10	6	*	60	125
I.BLK-PO112350.D	PIBLK-PO112350.D	Tetrachloro-m-xyl	1	20	20.1	101		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	19.0	95		60	140
		Decachlorobiphen	2	20	17.4	87		60	140
I.BLK-PO112370.D	PIBLK-PO112370.D	Tetrachloro-m-xyl	1	20	20.1	100		60	140
		Decachlorobiphen	1	20	17.7	89		60	140
		Tetrachloro-m-xyl	2	20	18.3	91		60	140
		Decachlorobiphen	2	20	17.4	87		60	140
PB168946BL	PB168946BL	Tetrachloro-m-xyl	1	20	20.9	104		44	130
		Decachlorobiphen	1	20	19.6	98		60	125
		Tetrachloro-m-xyl	2	20	18.2	91		44	130
		Decachlorobiphen	2	20	18.9	95		60	125
PB168946BS	PB168946BS	Tetrachloro-m-xyl	1	20	20.1	101		44	130
		Decachlorobiphen	1	20	20.3	102		60	125
		Tetrachloro-m-xyl	2	20	18.1	90		44	130
		Decachlorobiphen	2	20	19.5	98		60	125
Q2645-02RX	RW5B-CARBON-20250716RX	Tetrachloro-m-xyl	1	20	0.23	1	*	44	130
		Decachlorobiphen	1	20	1.09	5	*	60	125
		Tetrachloro-m-xyl	2	20	0.23	1	*	44	130
		Decachlorobiphen	2	20	0.26	1	*	60	125
Q2649-01MS	WC-1MS	Tetrachloro-m-xyl	1	20	24.5	122		44	130
		Decachlorobiphen	1	20	17.6	88		60	125
		Tetrachloro-m-xyl	2	20	22.2	111		44	130
		Decachlorobiphen	2	20	17.2	86		60	125
Q2649-01MSD	WC-1MSD	Tetrachloro-m-xyl	1	20	19.6	98		44	130
		Decachlorobiphen	1	20	17.8	89		60	125
		Tetrachloro-m-xyl	2	20	17.5	88		44	130
		Decachlorobiphen	2	20	17.4	87		60	125
I.BLK-PO112385.D	PIBLK-PO112385.D	Tetrachloro-m-xyl	1	20	19.8	99		60	140

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

Surrogate Summary

SDG No.: Q2645

Client: Tetra Tech NUS, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PO112385.D	PIBLK-PO112385.D	Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	18.1	90		60	140
		Decachlorobiphen	2	20	17.4	87		60	140
I.BLK-PP073553.D	PIBLK-PP073553.D	Tetrachloro-m-xyl	1	20	16.2	81		60	140
		Decachlorobiphen	1	20	17.3	87		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.1	85		60	140
I.BLK-PP073976.D	PIBLK-PP073976.D	Tetrachloro-m-xyl	1	20	16.8	84		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
		Tetrachloro-m-xyl	2	20	16.9	84		60	140
		Decachlorobiphen	2	20	19.1	96		60	140
Q2635-01MS	RT2286MS	Tetrachloro-m-xyl	1	20	16.8	84		44	130
		Decachlorobiphen	1	20	18.0	90		60	125
		Tetrachloro-m-xyl	2	20	17.9	89		44	130
		Decachlorobiphen	2	20	19.9	99		60	125
Q2635-01MSD	RT2286MSD	Tetrachloro-m-xyl	1	20	16.8	84		44	130
		Decachlorobiphen	1	20	17.8	89		60	125
		Tetrachloro-m-xyl	2	20	17.9	89		44	130
		Decachlorobiphen	2	20	19.4	97		60	125
I.BLK-PP073991.D	PIBLK-PP073991.D	Tetrachloro-m-xyl	1	20	15.8	79		60	140
		Decachlorobiphen	1	20	16.7	83		60	140
		Tetrachloro-m-xyl	2	20	17.5	87		60	140
		Decachlorobiphen	2	20	19.7	98		60	140
PB168927BL	PB168927BL	Tetrachloro-m-xyl	1	20	17.3	87		44	130
		Decachlorobiphen	1	20	18.7	94		60	125
		Tetrachloro-m-xyl	2	20	18.9	94		44	130
		Decachlorobiphen	2	20	21.9	109		60	125
PB168927BS	PB168927BS	Tetrachloro-m-xyl	1	20	18.8	94		44	130
		Decachlorobiphen	1	20	20.5	103		60	125
		Tetrachloro-m-xyl	2	20	19.3	96		44	130
		Decachlorobiphen	2	20	23.9	120		60	125
I.BLK-PP074006.D	PIBLK-PP074006.D	Tetrachloro-m-xyl	1	20	15.8	79		60	140
		Decachlorobiphen	1	20	17.1	85		60	140
		Tetrachloro-m-xyl	2	20	17.4	87		60	140
		Decachlorobiphen	2	20	19.3	97		60	140

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **DataFile :** PO112379.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2649-01MS (Column 1)**	**Client Sample ID:**		**WC-1MS**								
	AR1016	186.4	0	197	ug/kg	106				47	134	
	AR1260	186.4	0	168	ug/kg	90				53	140	
Lab Sample ID:	**Q2649-01MS (Column 2)**	**Client Sample ID:**		**WC-1MS**								
	AR1016	186.4	0	184	ug/kg	99				47	134	
	AR1260	186.4	0	164	ug/kg	88				53	140	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **DataFile :** PO112380.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2649-01MSD (Column 1)**	**Client Sample ID:**		**WC-1MSD**								
	AR1016	186.3	0	161	ug/kg	86		21	*	47	134	20
	AR1260	186.3	0	155	ug/kg	83		8		53	140	20
Lab Sample ID:	**Q2649-01MSD (Column 2)**	**Client Sample ID:**		**WC-1MSD**								
	AR1016	186.3	0	152	ug/kg	82		19		47	134	20
	AR1260	186.3	0	149	ug/kg	80		10		53	140	20

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **DataFile :** PP073984.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2635-01MS (Column 1)**	**Client Sample ID:**		**RT2286MS**								
	AR1016	196.2	0	177	ug/kg	90				47	134	
	AR1260	196.2	66.9	214	ug/kg	75				53	140	
Lab Sample ID:	**Q2635-01MS (Column 2)**	**Client Sample ID:**		**RT2286MS**								
	AR1016	196.2	0	174	ug/kg	89				47	134	
	AR1260	196.2	67.6	212	ug/kg	108				53	140	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **DataFile :** PP073985.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q2635-01MSD (Column 1)**	**Client Sample ID:**		**RT2286MSD**								
	AR1016	196.4	0	177	ug/kg	90		0		47	134	20
	AR1260	196.4	66.9	210	ug/kg	73		3		53	140	20
Lab Sample ID:	**Q2635-01MSD (Column 2)**	**Client Sample ID:**		**RT2286MSD**								
	AR1016	196.4	0	174	ug/kg	89		0		47	134	20
	AR1260	196.4	67.6	211	ug/kg	107		1		53	140	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **Datafile :** PO112376.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168946BS (Column 1)	AR1016	166.5	163	ug/kg	98				47	134	
	AR1260	166.5	153	ug/kg	92				53	140	
PB168946BS (Column 2)	AR1016	166.5	147	ug/kg	88				47	134	
	AR1260	166.5	145	ug/kg	87				53	140	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2645 **Analytical Method:** 8082A

Client: Tetra Tech NUS, Inc. **Datafile :** PP073993.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168927BS (Column 1)	AR1016	166.6	139	ug/kg	83				47	134	
	AR1260	166.6	135	ug/kg	81				53	140	
PB168927BS (Column 2)	AR1016	166.6	153	ug/kg	92				47	134	
	AR1260	166.6	154	ug/kg	92				53	140	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168927BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q2645

Lab Sample ID: PB168927BL | Lab File ID: PP073992.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/21/2025

Date Analyzed (1): 07/21/2025 | Date Analyzed (2): 07/21/2025

Time Analyzed (1): 16:39 | Time Analyzed (2): 16:39

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
RW5B-CARBON-20250716	Q2645-02	PO112345.D	07/21/2025	07/21/2025
RT2286MS	Q2635-01MS	PP073984.D	07/21/2025	07/21/2025
RT2286MSD	Q2635-01MSD	PP073985.D	07/21/2025	07/21/2025
PB168927BS	PB168927BS	PP073993.D	07/21/2025	07/21/2025

COMMENTS:

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB168946BL

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q2645

Lab Sample ID: PB168946BL | Lab File ID: PO112375.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 07/22/2025

Date Analyzed (1): 07/22/2025 | Date Analyzed (2): 07/22/2025

Time Analyzed (1): 13:35 | Time Analyzed (2): 13:35

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

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

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
PB168946BS	PB168946BS	PO112376.D	07/22/2025	07/22/2025
RW5B-CARBON-20250716RX	Q2645-02RX	PO112377.D	07/22/2025	07/22/2025
WC-1MS	Q2649-01MS	PO112379.D	07/22/2025	07/22/2025
WC-1MSD	Q2649-01MSD	PO112380.D	07/22/2025	07/22/2025

COMMENTS:

SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5B-CARBON-20250716	SDG No.:	Q2645
Lab Sample ID:	Q2645-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	68.6 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
PO112345.D	1	07/21/25 08:30	07/21/25 15:16	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.1	U	5.80	12.1	24.8	ug/kg
11104-28-2	Aroclor-1221	18.9	U	5.90	18.9	24.8	ug/kg
11141-16-5	Aroclor-1232	12.1	U	5.40	12.1	24.8	ug/kg
53469-21-9	Aroclor-1242	12.1	U	5.80	12.1	24.8	ug/kg
12672-29-6	Aroclor-1248	18.9	U	8.60	18.9	24.8	ug/kg
11097-69-1	Aroclor-1254	12.1	U	4.70	12.1	24.8	ug/kg
37324-23-5	Aroclor-1262	18.9	U	7.30	18.9	24.8	ug/kg
11100-14-4	Aroclor-1268	12.1	U	5.20	12.1	24.8	ug/kg
11096-82-5	Aroclor-1260	12.1	U	4.70	12.1	24.8	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0.34	*	44 - 130		2%	SPK: 20
2051-24-3	Decachlorobiphenyl	1.12	*	60 - 125		6%	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_O\Data\PO072125\
Data File : PO112345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:16
Operator : YP/AJ
Sample : Q2645-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.670	3.663	2734574	2165433	0.276	0.340m
2)	SA Decachlor...	8.696	8.644	7631405	1892982	1.116	1.098m
	Target Compounds						

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

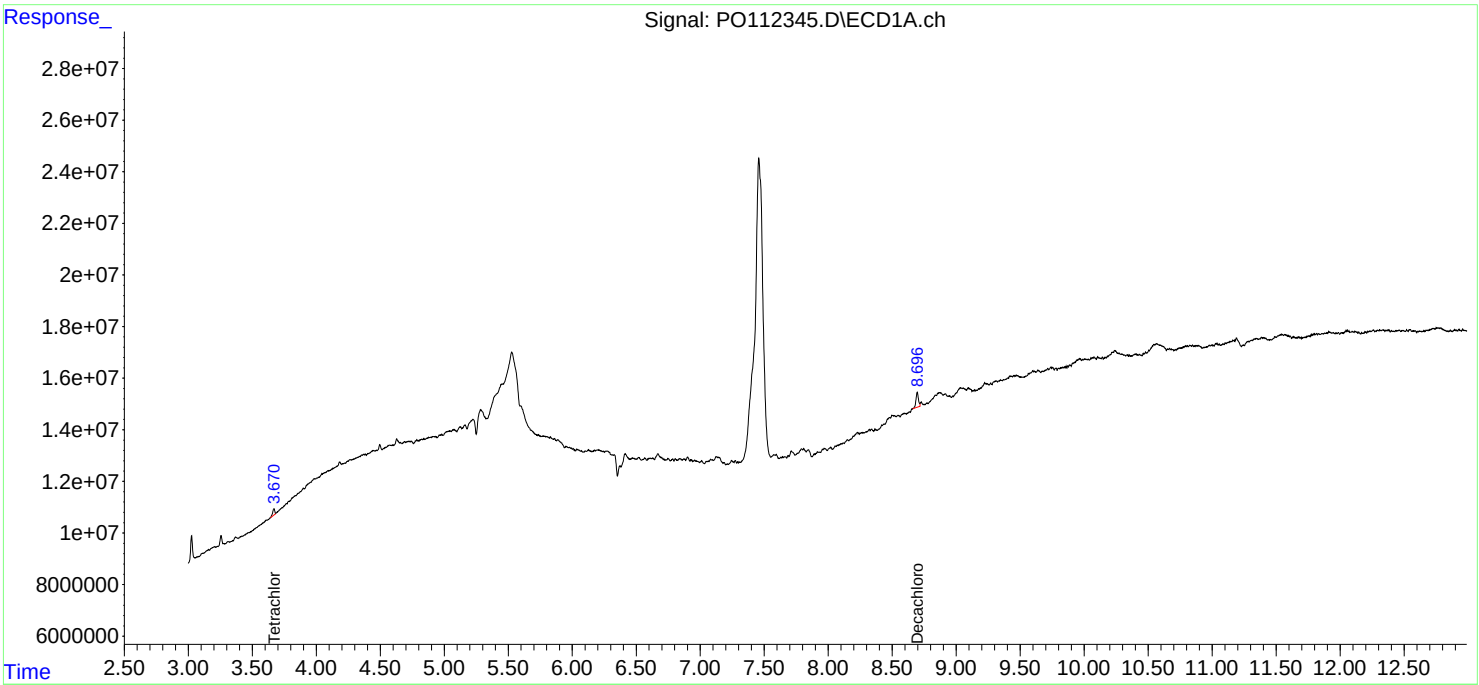
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:16
Operator : YP/AJ
Sample : Q2645-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

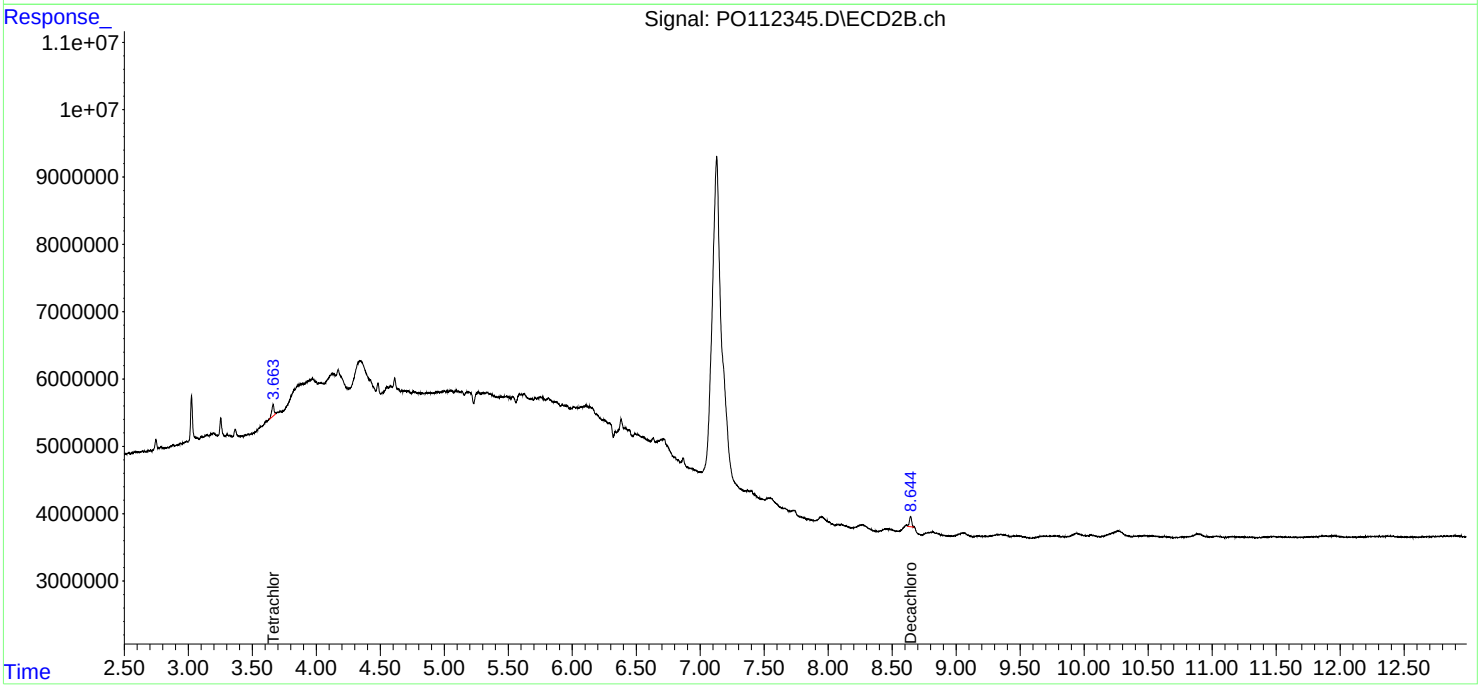
Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716

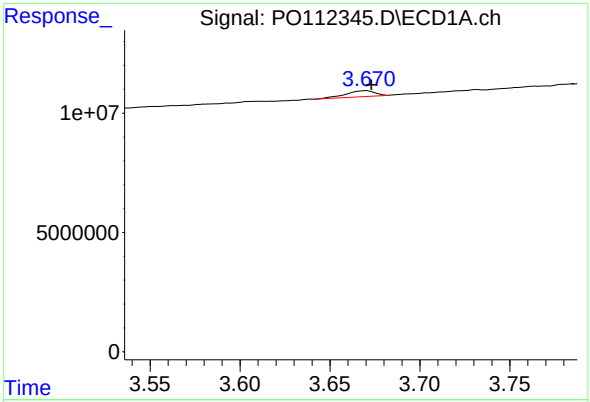
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







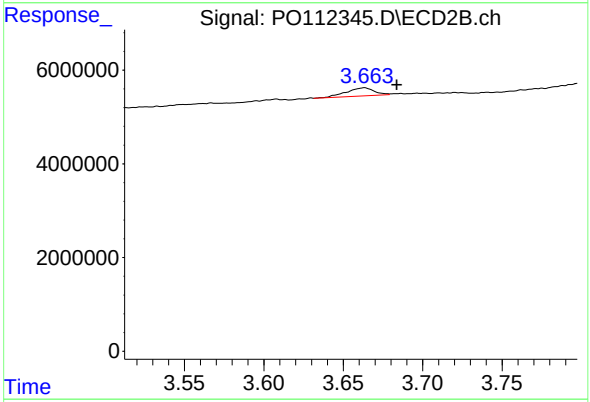
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 2734574
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716

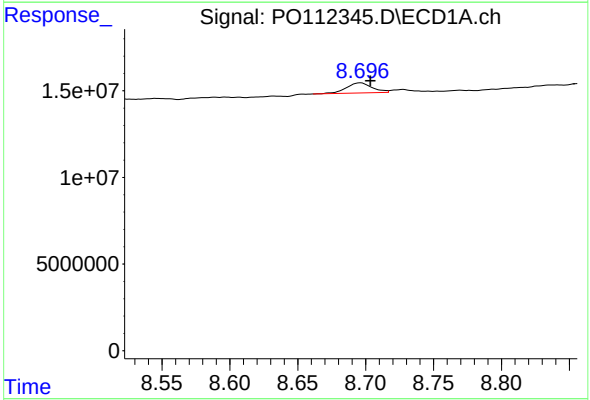
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



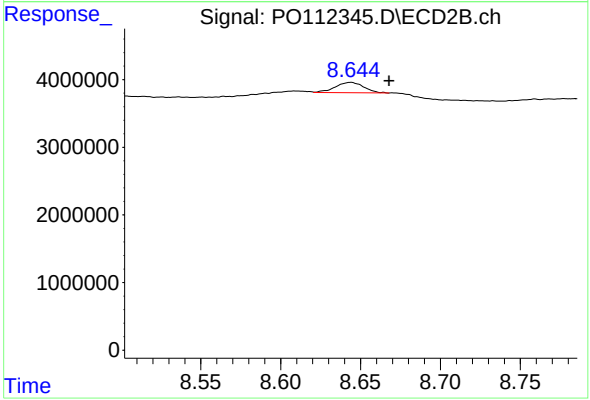
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.021 min
Response: 2165433
Conc: 0.34 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.007 min
Response: 7631405
Conc: 1.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.644 min
Delta R.T.: -0.024 min
Response: 1892982
Conc: 1.10 ng/ml m

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/16/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	RW5B-CARBON-20250716RX	SDG No.:	Q2645
Lab Sample ID:	Q2645-02RX	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	68.6 Decanted:
Sample Wt/Vol:	30.04 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
PO112377.D	1	07/22/25 09:40	07/22/25 14:12	PB168946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.1	U	5.80	12.1	24.7	ug/kg
11104-28-2	Aroclor-1221	18.9	U	5.90	18.9	24.7	ug/kg
11141-16-5	Aroclor-1232	12.1	U	5.40	12.1	24.7	ug/kg
53469-21-9	Aroclor-1242	12.1	U	5.80	12.1	24.7	ug/kg
12672-29-6	Aroclor-1248	18.9	U	8.60	18.9	24.7	ug/kg
11097-69-1	Aroclor-1254	12.1	U	4.70	12.1	24.7	ug/kg
37324-23-5	Aroclor-1262	18.9	U	7.30	18.9	24.7	ug/kg
11100-14-4	Aroclor-1268	12.1	U	5.20	12.1	24.7	ug/kg
11096-82-5	Aroclor-1260	12.1	U	4.70	12.1	24.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	0.23	*	44 - 130		1%	SPK: 20
2051-24-3	Decachlorobiphenyl	1.09	*	60 - 125		5%	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_O\Data\PO072225\
Data File : PO112377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:12
Operator : YP/AJ
Sample : Q2645-02RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.668	3.658	2251989	1476841	0.228	0.232m
2)	SA Decachlor...	8.695	8.671	7479023	453397	1.094	0.263m#
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:12
Operator : YP/AJ
Sample : Q2645-02RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

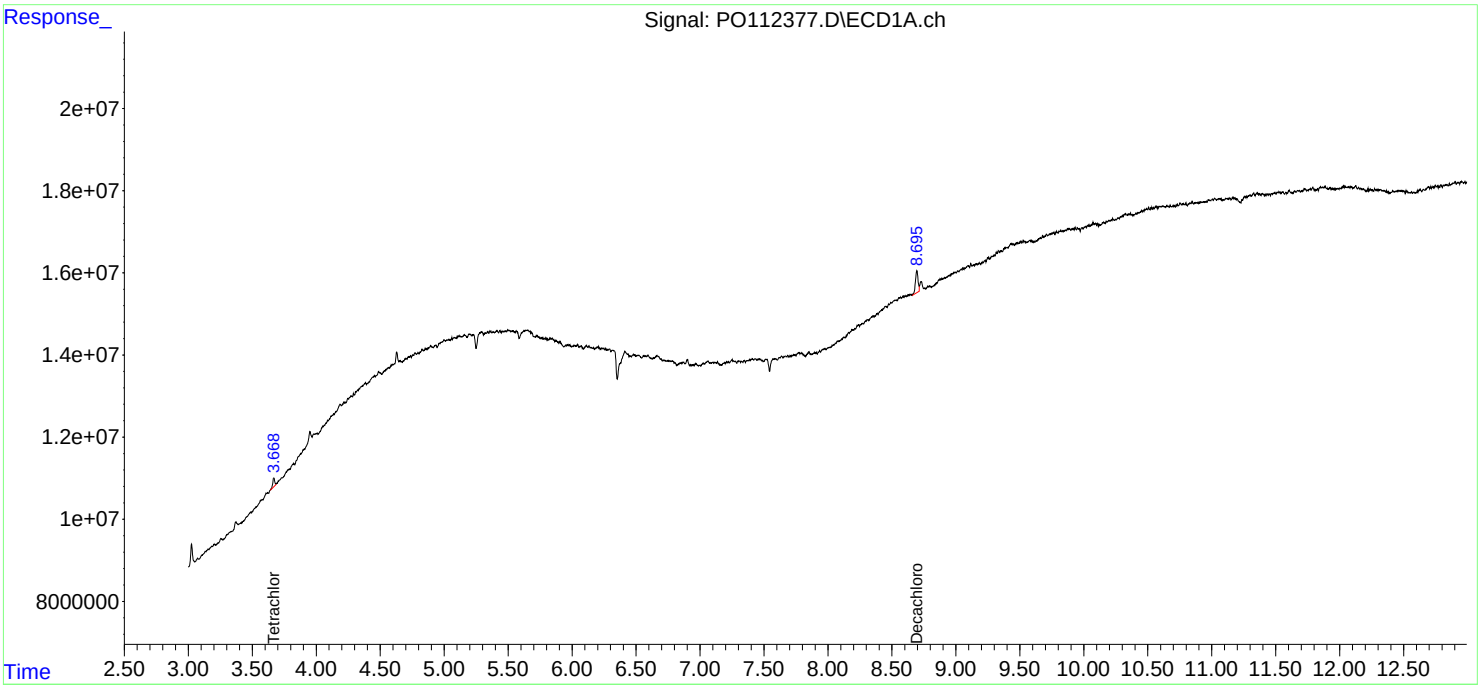
Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX

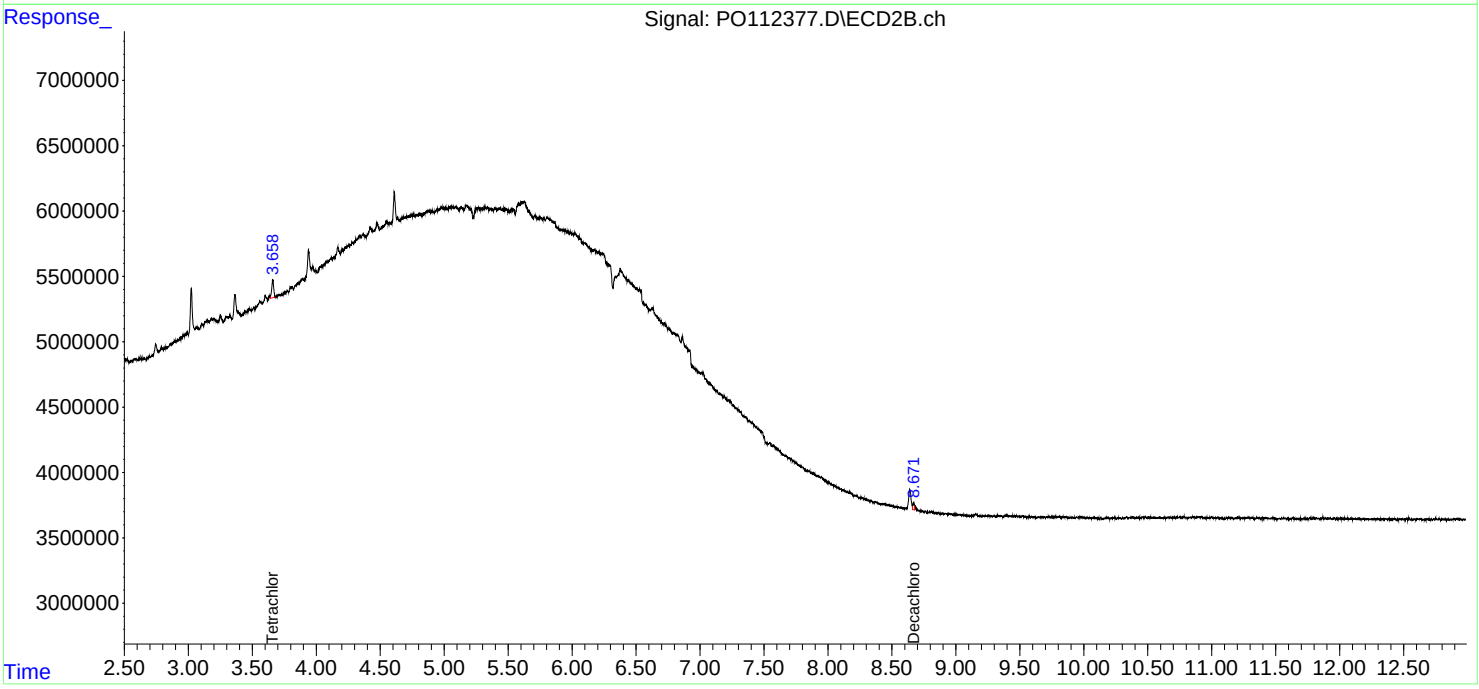
Manual Integrations APPROVED

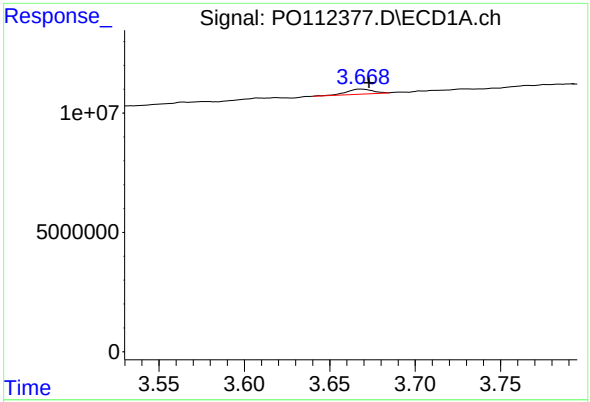
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







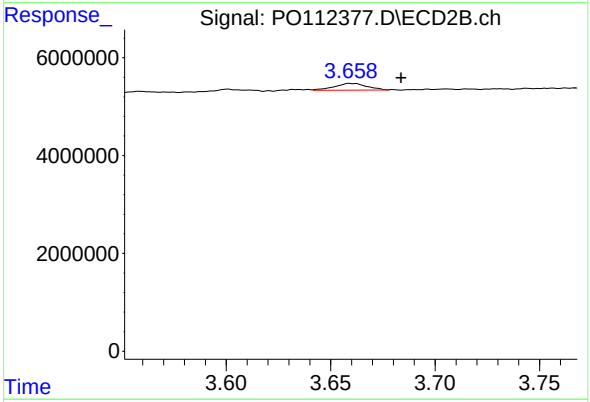
#1 Tetrachloro-m-xylene

R.T.: 3.668 min
Delta R.T.: -0.005 min
Response: 2251989
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX

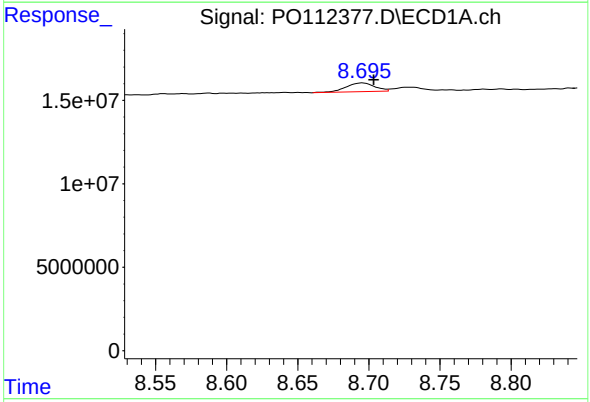
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



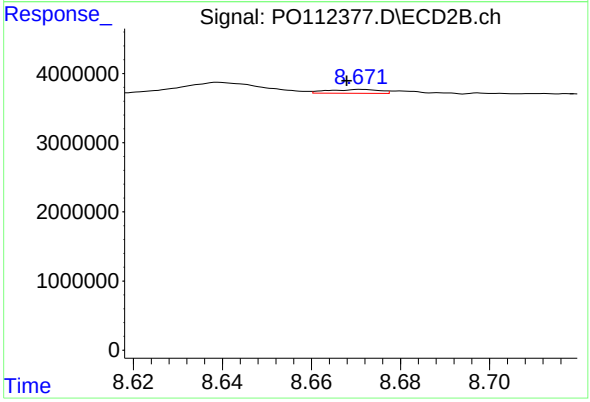
#1 Tetrachloro-m-xylene

R.T.: 3.658 min
Delta R.T.: -0.025 min
Response: 1476841
Conc: 0.23 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 7479023
Conc: 1.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.671 min
Delta R.T.: 0.003 min
Response: 453397
Conc: 0.26 ng/ml m

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_O **Calibration Date(s):** 07/08/2025 07/08/2025

Calibration Times: 14:06 22:16

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

LAB FILE ID: RT 1000 = PO112088.D RT 750 = PO112089.D

RT 500 = PO112090.D RT 250 = PO112091.D RT 050 = PO112092.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.83	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1016-4	(4)	4.95	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Aroclor-1260-3	(3)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Aroclor-1260-4	(4)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-5	(5)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1242-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1248-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.72	5.71	5.72	5.71	5.71	5.72	5.62	5.82
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1254-5	(5)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.45	8.44	8.45	8.45	8.45	8.45	8.35	8.55

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_O **Calibration Date(s):** 07/08/2025 07/08/2025

Calibration Times: 14:06 22:16

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

LAB FILE ID: RT 1000 = PO112088.D RT 750 = PO112089.D

RT 500 = PO112090.D RT 250 = PO112091.D RT 050 = PO112092.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.74	4.74	4.76	4.74	4.74	4.75	4.65	4.85
Aroclor-1016-2	(2)	4.76	4.76	4.78	4.76	4.76	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.94	4.94	4.95	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-4	(4)	4.98	4.98	5.00	4.98	4.98	4.98	4.88	5.08
Aroclor-1016-5	(5)	5.19	5.19	5.21	5.19	5.19	5.20	5.10	5.30
Aroclor-1260-1	(1)	6.22	6.22	6.24	6.22	6.22	6.22	6.12	6.32
Aroclor-1260-2	(2)	6.41	6.41	6.43	6.41	6.41	6.41	6.31	6.51
Aroclor-1260-3	(3)	6.56	6.56	6.58	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-4	(4)	7.03	7.03	7.05	7.03	7.03	7.03	6.93	7.13
Aroclor-1260-5	(5)	7.27	7.27	7.29	7.27	7.27	7.28	7.18	7.38
Decachlorobiphenyl		8.65	8.65	8.67	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.68	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1242-2	(2)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-4	(4)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1242-5	(5)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Decachlorobiphenyl		8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-2	(2)	4.98	4.98	4.98	4.98	4.98	4.98	4.88	5.08
Aroclor-1248-3	(3)	5.02	5.02	5.02	5.02	5.02	5.02	4.92	5.12
Aroclor-1248-4	(4)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1248-5	(5)	5.58	5.58	5.58	5.58	5.58	5.58	5.48	5.68
Decachlorobiphenyl		8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.54	5.54	5.54	5.54	5.54	5.54	5.44	5.64
Aroclor-1254-2	(2)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-3	(3)	6.09	6.09	6.09	6.09	6.09	6.09	5.99	6.19
Aroclor-1254-4	(4)	6.32	6.32	6.32	6.32	6.32	6.32	6.22	6.42
Aroclor-1254-5	(5)	6.74	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Decachlorobiphenyl		8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.55	7.55	7.55	7.55	7.55	7.55	7.45	7.65
Aroclor-1268-2	(2)	7.62	7.62	7.62	7.62	7.62	7.62	7.52	7.72
Aroclor-1268-3	(3)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Aroclor-1268-4	(4)	8.11	8.11	8.11	8.11	8.11	8.11	8.01	8.21
Aroclor-1268-5	(5)	8.40	8.40	8.40	8.40	8.40	8.40	8.30	8.50

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.65	8.65	8.65	8.65	8.65	8.65	8.55	8.75
Tetrachloro-m-xylene	3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR06
SDG NO.: Q2645
Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID: CF 1000 = PO112088.D CF 750 = PO112089.D
CF 500 = PO112090.D CF 250 = PO112091.D CF 050 = PO112092.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	360742355	353411084	358608078	351811628	276040300	340122689	11
Aroclor-1016-2	(2)	524757576	513734579	527286258	524874328	395805960	497291740	11
Aroclor-1016-3	(3)	332829086	325012079	334990372	341827996	283910480	323714003	7
Aroclor-1016-4	(4)	267114546	263557440	269039266	265481824	218804880	256799591	8
Aroclor-1016-5	(5)	281257689	272140703	280446704	285989380	248475020	273661899	5
Aroclor-1260-1	(1)	515263930	514045125	524528068	524922328	427435480	501238986	8
Aroclor-1260-2	(2)	755458656	751801572	763083688	740918324	679411120	738134672	5
Aroclor-1260-3	(3)	672764264	679771911	697132702	647584436	580156380	655481939	7
Aroclor-1260-4	(4)	428461498	442815881	457502760	461118372	386340060	435247714	7
Aroclor-1260-5	(5)	1355306152	1333629501	1317199750	1298892100	1007658700	1262537241	11
Decachlorobiphenyl		7091695750	7147123880	7182630500	7285420480	5478354000	6837044922	11
Tetrachloro-m-xylene		10813397260	10474815627	10513291260	10183518000	7488479400	9894700309	14
Aroclor-1242-1	(1)	285009923	305769684	302587940	302628584	252187260	289636678	8
Aroclor-1242-2	(2)	424985528	451558340	449561854	447967952	355524300	425919595	10
Aroclor-1242-3	(3)	267327438	285181779	287377204	288451804	240089600	273685565	8
Aroclor-1242-4	(4)	217524144	232173980	231748124	232379948	212764400	225318119	4
Aroclor-1242-5	(5)	218416651	232437525	224522496	231546684	151431360	211670943	16
Decachlorobiphenyl		6979969120	7147406973	7161879360	7131310800	5658336400	6815780531	10
Tetrachloro-m-xylene		10047633560	10752033107	10538404740	10524037960	8582543200	10088930513	9
Aroclor-1248-1	(1)	231871262	227298380	227625104	251373404	196330000	226899630	9
Aroclor-1248-2	(2)	312226784	305819339	307255800	349605332	266719220	308325295	10
Aroclor-1248-3	(3)	394903515	391569029	392918442	459601740	397606080	407319761	7
Aroclor-1248-4	(4)	577144829	572571723	575557162	615211088	545252760	577147512	4
Aroclor-1248-5	(5)	391149352	391468967	390698366	435680552	342525360	390304519	8
Decachlorobiphenyl		7164669710	7172590053	7258610400	7568481440	5849763800	7002823081	10
Tetrachloro-m-xylene		10966260810	10668995880	10533016680	11674212280	8664104600	10501318050	11
Aroclor-1254-1	(1)	596387386	615301855	615556214	631197528	617123200	615113237	2
Aroclor-1254-2	(2)	526620849	541456496	538329150	552782544	519240660	535685940	2
Aroclor-1254-3	(3)	832372124	848375105	844598876	861920200	810621920	839577645	2
Aroclor-1254-4	(4)	488348458	550588549	528046518	514011204	324098800	481018706	19
Aroclor-1254-5	(5)	772769124	785953607	791521408	805117428	714377600	773947833	5
Decachlorobiphenyl		7313218520	7363897040	7524909560	7619539480	6511414600	7266595840	6
Tetrachloro-m-xylene		10817495530	10970019693	10749863260	10915129200	9106609200	10511823377	8
Aroclor-1268-1	(1)	1933697823	1961714709	1933333182	1889919492	1468606580	1837454357	11

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1621310763	1652283559	1624883286	1597201648	1292350600	1557605971	10
Aroclor-1268-3	(3)	1337748865	1359325231	1351894922	1337301304	1112111800	1299676424	8
Aroclor-1268-4	(4)	501678112	499381901	514040784	510400332	376538760	480407978	12
Aroclor-1268-5	(5)	3474681887	3495352783	3443761070	3349732680	2555042300	3263714144	12
Decachlorobiphenyl		13779789610	14010961973	13831208240	13686235720	10617540000	13185147109	11
Tetrachloro-m-xylene		10828416470	10960168653	10714217600	10397619080	7773509600	10134786281	13

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR06
SDG NO.: Q2645
Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID: CF 1000 = PO112088.D CF 750 = PO112089.D
CF 500 = PO112090.D CF 250 = PO112091.D CF 050 = PO112092.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	224689947	221197589	229855740	235435032	202993580	222834378	6
Aroclor-1016-2	(2)	333676696	332964816	340716574	344871116	293258760	329097592	6
Aroclor-1016-3	(3)	173220389	172286476	177510406	175323720	150993180	169866834	6
Aroclor-1016-4	(4)	133548654	134722825	140696304	141544972	135624760	137227503	3
Aroclor-1016-5	(5)	172958737	175867975	183374190	179483264	150567480	172450329	7
Aroclor-1260-1	(1)	273966572	275587577	284396370	318959696	249900320	280562107	9
Aroclor-1260-2	(2)	339471861	339883185	345098816	366340024	309189580	339996693	6
Aroclor-1260-3	(3)	285079531	283131084	293155536	294803628	221760800	275586116	11
Aroclor-1260-4	(4)	190320237	194370733	203166394	219087436	196280140	200644988	6
Aroclor-1260-5	(5)	439428363	448516680	455912584	483251276	411533840	447728549	6
Decachlorobiphenyl		1708564380	1754251880	1790007560	1862375960	1502102800	1723460516	8
Tetrachloro-m-xylene		6849689250	6688775747	6823852720	6660365320	4832613200	6371059247	14
Aroclor-1242-1	(1)	180558203	194276476	196154442	205920884	192381760	193858353	5
Aroclor-1242-2	(2)	267145812	285888559	288791934	297310352	277625120	283352355	4
Aroclor-1242-3	(3)	139388587	149896708	150012144	154353128	134735720	145677257	6
Aroclor-1242-4	(4)	132647733	142511831	143624204	149839712	140580100	141840716	4
Aroclor-1242-5	(5)	169256952	182077477	187071418	199409696	170855060	181734121	7
Decachlorobiphenyl		1694985930	1765973813	1799728340	1866433600	1579982000	1741420737	6
Tetrachloro-m-xylene		6408694870	6872035667	6730718280	6766792760	5539281400	6463504595	8
Aroclor-1248-1	(1)	148373409	146783767	149637550	173598112	153448100	154368188	7
Aroclor-1248-2	(2)	200165378	198242231	203122858	230241332	197066700	205767700	7
Aroclor-1248-3	(3)	210851108	208337667	212783398	242780584	199239520	214798455	8
Aroclor-1248-4	(4)	249491134	246252407	253519016	297759984	246611360	258726780	9
Aroclor-1248-5	(5)	244390847	243395885	250986596	299503676	214470400	250549481	12
Decachlorobiphenyl		1741004980	1773180160	1834926600	1999524800	1593214800	1788370268	8
Tetrachloro-m-xylene		6922029440	6722968493	6653358760	7457216520	5595884000	6670291443	10
Aroclor-1254-1	(1)	358701312	372366800	376618238	404921504	393233780	381168327	5
Aroclor-1254-2	(2)	309319461	318506233	325963420	350344944	354921460	331811104	6
Aroclor-1254-3	(3)	457035033	473473401	470706516	496812748	512186320	482042804	5
Aroclor-1254-4	(4)	242702235	264458053	264466114	273730492	258116740	260694727	4
Aroclor-1254-5	(5)	340856875	348898753	356048528	374047448	361929480	356356217	4
Decachlorobiphenyl		1762037980	1801047667	1852268780	1914979680	1705564000	1807179621	4
Tetrachloro-m-xylene		6812677640	6946187027	6790686340	6873927640	5937916200	6672278969	6
Aroclor-1268-1	(1)	486556055	496283868	499490630	514433332	460511800	491455137	4

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	414074889	422901423	425132138	438633692	385189960	417186420	5
Aroclor-1268-3	(3)	309607188	317937561	322370012	335163612	296865480	316388771	5
Aroclor-1268-4	(4)	111375490	114260995	115590378	117536984	98796160	111512001	7
Aroclor-1268-5	(5)	736492551	750146037	748798464	755249104	641904560	726518143	7
Decachlorobiphenyl		3139191470	3230861547	3253774420	3306379000	2721463200	3130333927	8
Tetrachloro-m-xylene		6732535870	6829120120	6762174400	6573365120	5117275800	6402894262	11

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_O **Date(s) Analyzed:** 07/08/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.88	3.78	3.98	116614000
		2	3.97	3.87	4.07	78840600
		3	4.05	3.95	4.15	269582000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	214668000
		2	4.54	4.44	4.64	113637000
		3	4.78	4.68	4.88	229008000
		4	4.96	4.86	5.06	114297000
		5	5.00	4.90	5.10	73400200
Aroclor-1262	500	1	6.81	6.71	6.91	1021690000
		2	7.31	7.21	7.41	1639370000
		3	7.59	7.49	7.69	641976000
		4	7.66	7.56	7.76	1071430000
		5	8.15	8.05	8.25	448140000

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_O **Date(s) Analyzed:** 07/08/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.88	3.78	3.98	82295000
		2	3.96	3.86	4.06	59353600
		3	4.04	3.94	4.14	188777000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	150099000
		2	4.76	4.66	4.86	153086000
		3	4.94	4.84	5.04	75506000
		4	5.02	4.92	5.12	65988200
		5	5.19	5.09	5.29	74260000
Aroclor-1262	500	1	6.77	6.67	6.87	407320000
		2	7.27	7.17	7.37	512548000
		3	7.55	7.45	7.65	179524000
		4	7.62	7.52	7.72	290920000
		5	8.11	8.01	8.21	105784000

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	1081.3E6	685.0E6	101.527m	100.423m
2)	SA Decachlor...	8.702	8.649	709.2E6	170.9E6	99.363	97.492m
	Target Compounds						
3)	L1 AR-1016-1	4.759	4.743	360.7E6	224.7E6	1002.967	1009.911
4)	L1 AR-1016-2	4.777	4.761	524.8E6	333.7E6	997.596	990.816
5)	L1 AR-1016-3	4.834	4.936	332.8E6	173.2E6	996.764	996.808m
6)	L1 AR-1016-4	4.954	4.980	267.1E6	133.5E6	996.410	973.937
7)	L1 AR-1016-5	5.211	5.191	281.3E6	173.0E6	1001.444	970.770
31)	L7 AR-1260-1	6.249	6.220	515.3E6	274.0E6	991.090	981.321
32)	L7 AR-1260-2	6.438	6.409	755.5E6	339.5E6	994.979	991.780
33)	L7 AR-1260-3	6.805	6.560	672.8E6	285.1E6	982.211	986.397m
34)	L7 AR-1260-4	7.065	7.031	428.5E6	190.3E6	967.221	967.353
35)	L7 AR-1260-5	7.308	7.272	1355.3E6	439.4E6	1014.259	981.589

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

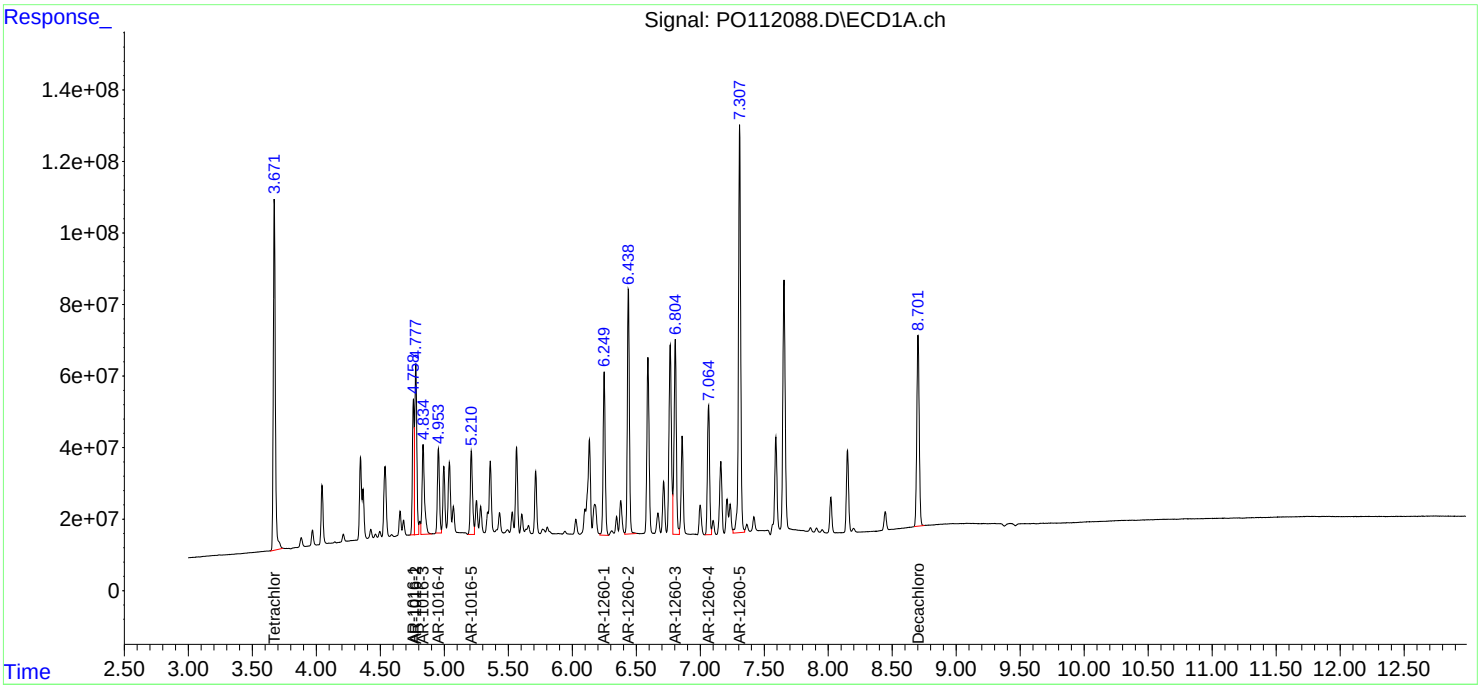
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

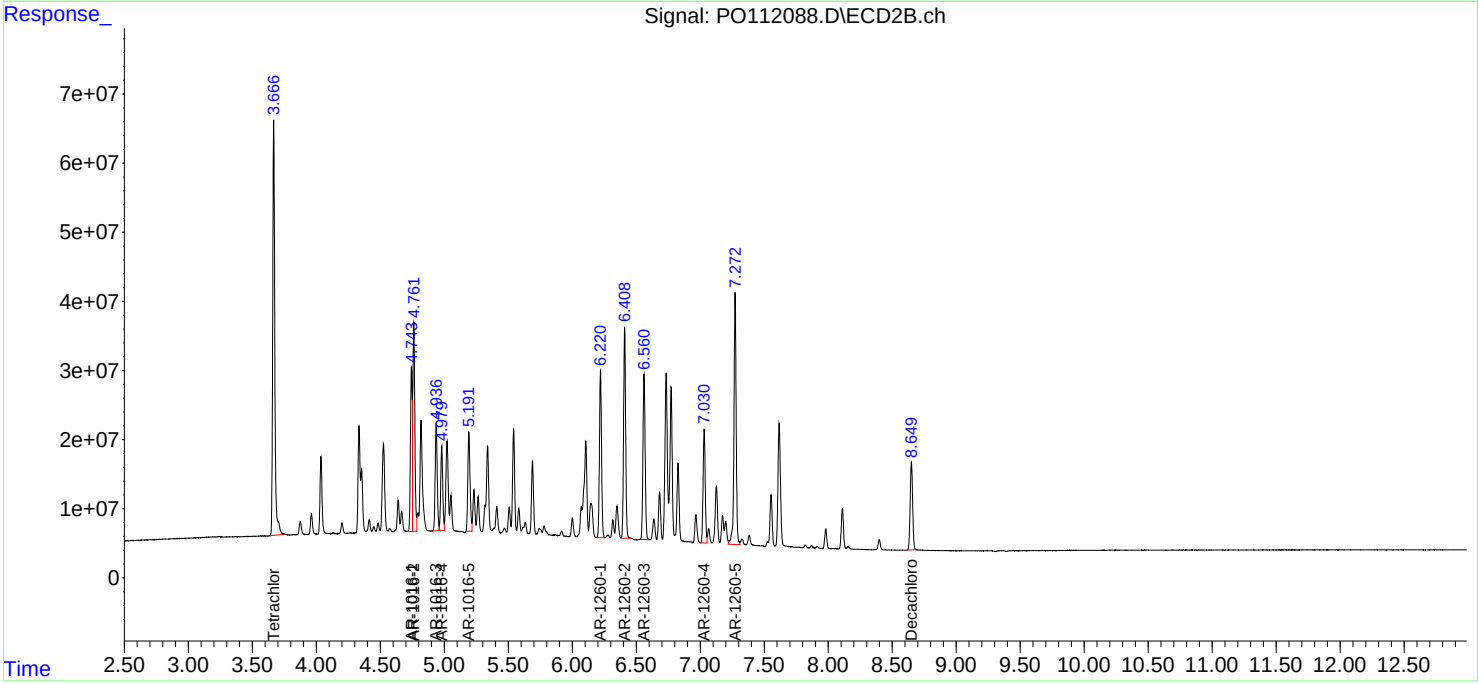
Manual Integrations APPROVED

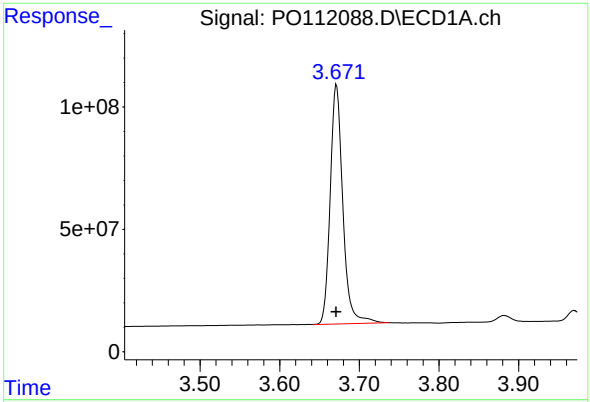
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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







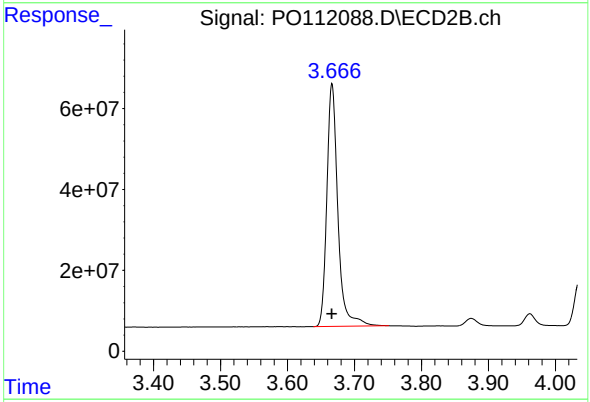
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 1081339726
Conc: 101.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

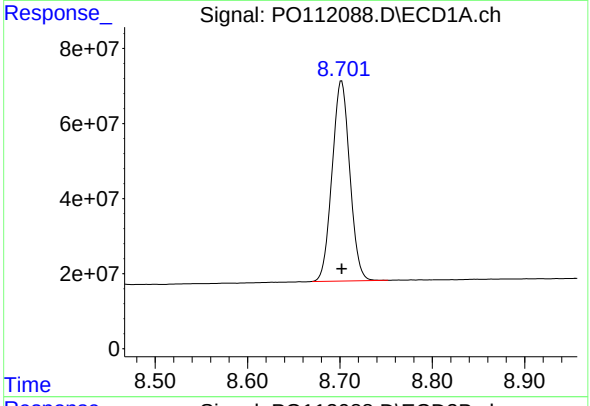
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



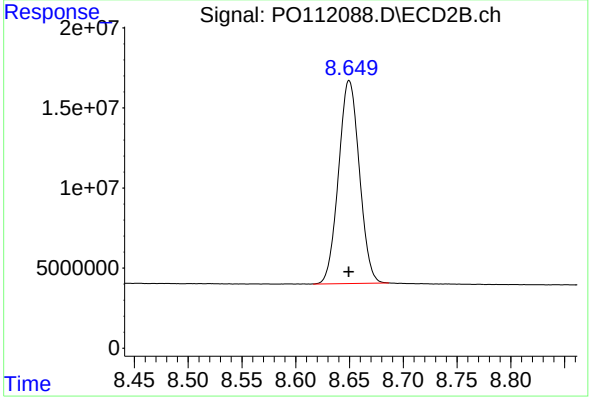
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 684968925
Conc: 100.42 ng/ml m



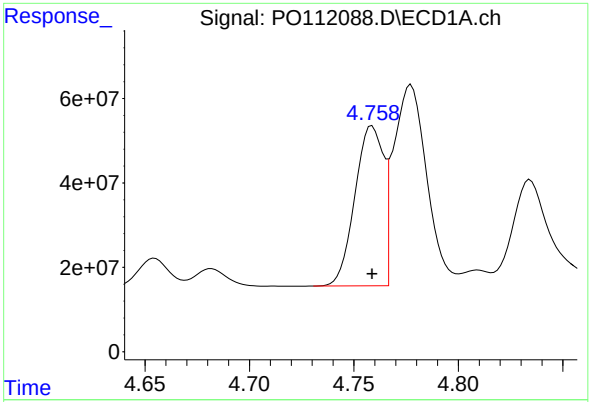
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 709169575
Conc: 99.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 170856438
Conc: 97.49 ng/ml m



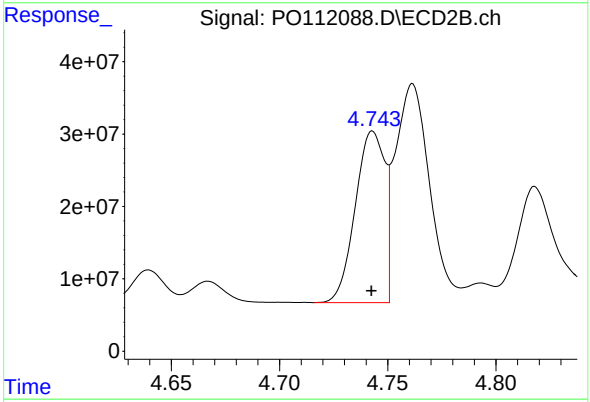
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 360742355
Conc: 1002.97 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

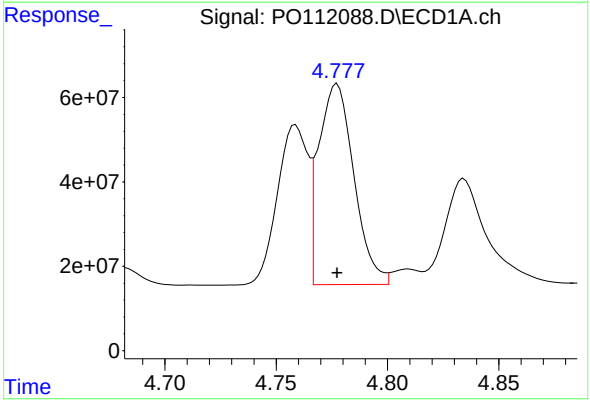
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



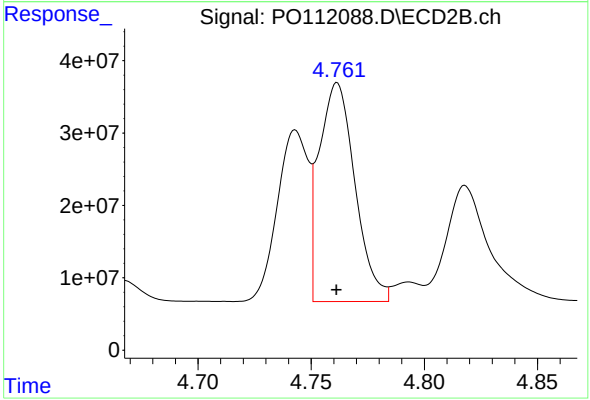
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 224689947
Conc: 1009.91 ng/ml



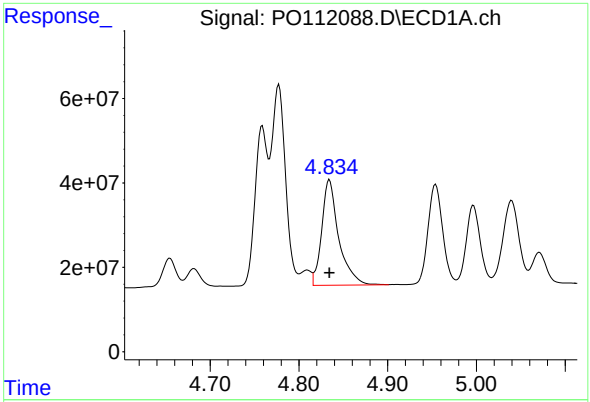
#4 AR-1016-2

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 524757576
Conc: 997.60 ng/ml



#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 333676696
Conc: 990.82 ng/ml



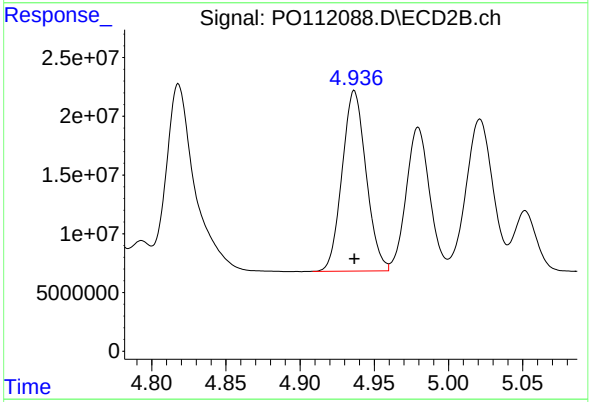
#5 AR-1016-3

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 332829086
Conc: 996.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

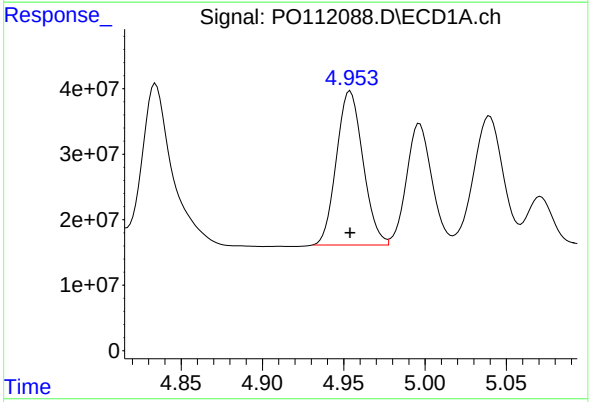
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



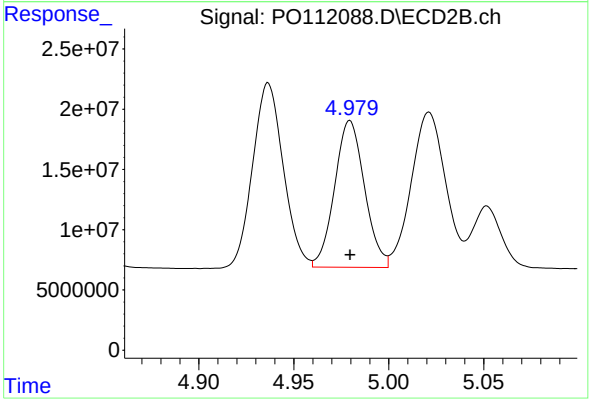
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 173220389
Conc: 996.81 ng/ml m



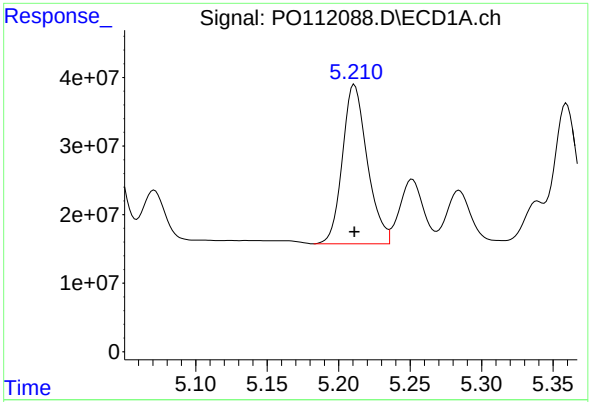
#6 AR-1016-4

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 267114546
Conc: 996.41 ng/ml



#6 AR-1016-4

R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 133548654
Conc: 973.94 ng/ml



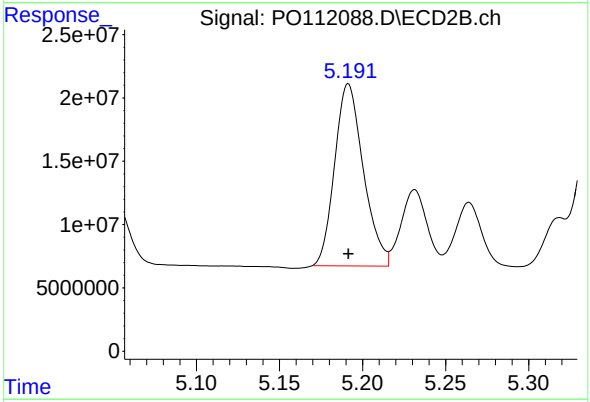
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 281257689
Conc: 1001.44 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

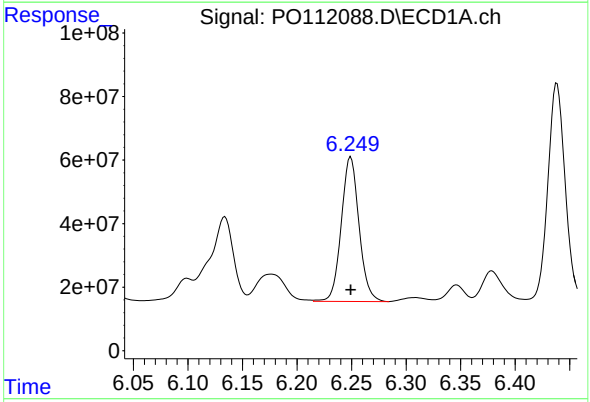
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



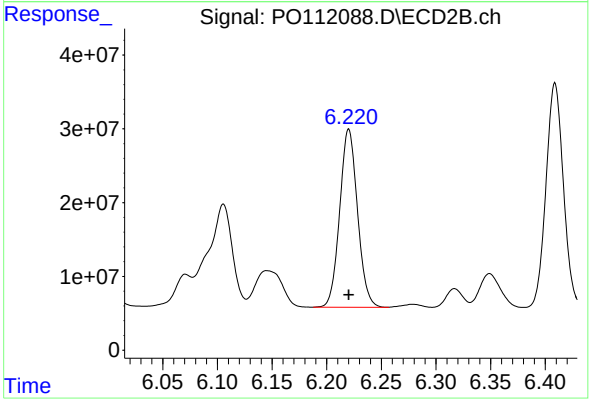
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 172958737
Conc: 970.77 ng/ml



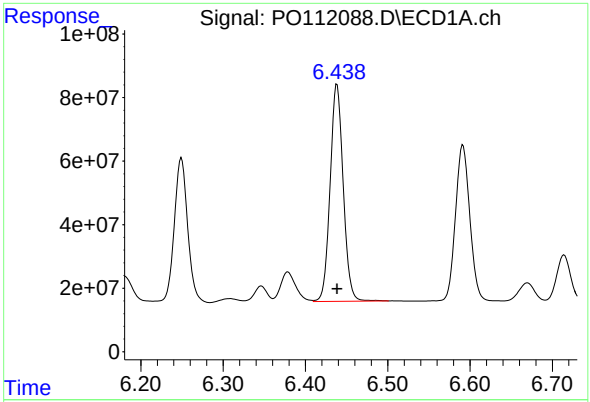
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 515263930
Conc: 991.09 ng/ml



#31 AR-1260-1

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 273966572
Conc: 981.32 ng/ml



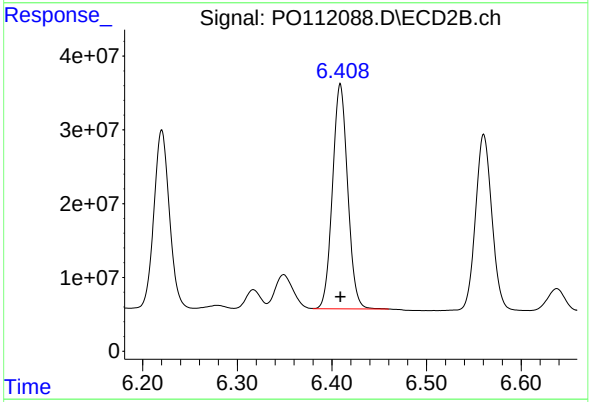
#32 AR-1260-2

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 755458656
Conc: 994.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

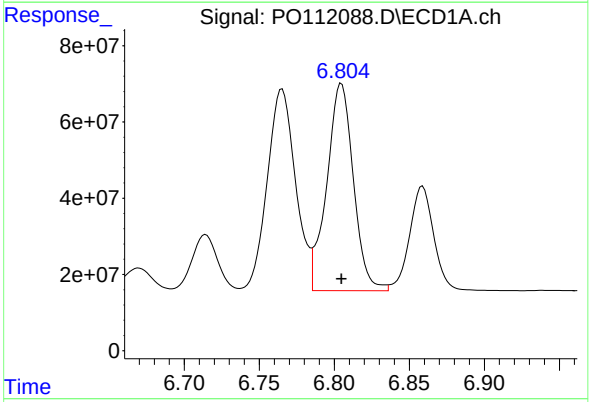
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



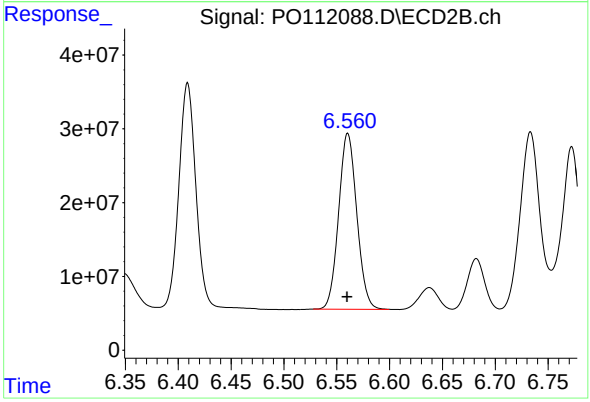
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 339471861
Conc: 991.78 ng/ml



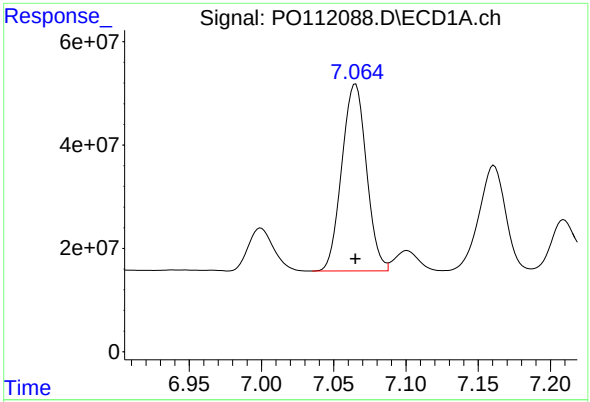
#33 AR-1260-3

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 672764264
Conc: 982.21 ng/ml



#33 AR-1260-3

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 285079531
Conc: 986.40 ng/ml m



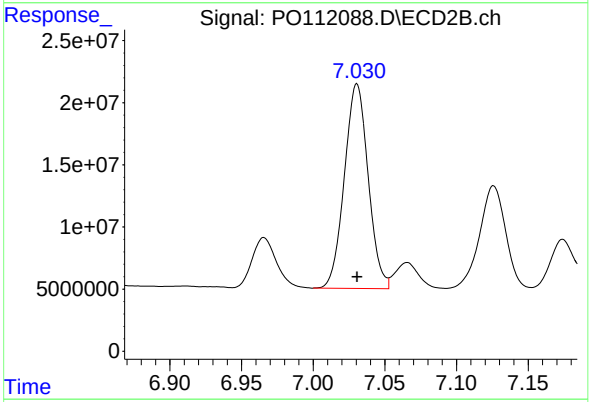
#34 AR-1260-4

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 428461498
Conc: 967.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

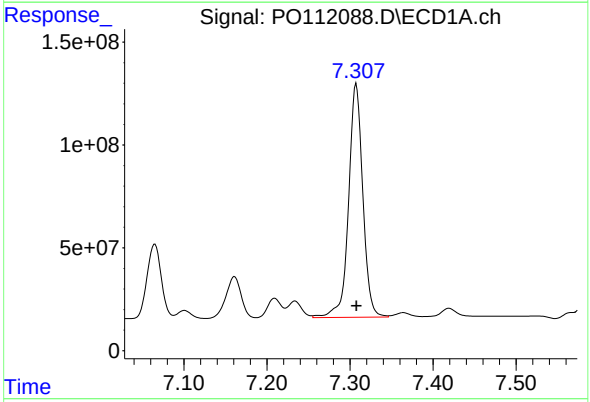
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



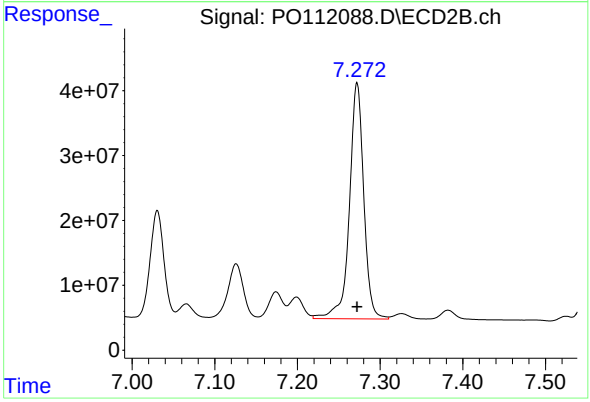
#34 AR-1260-4

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 190320237
Conc: 967.35 ng/ml



#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 1355306152
Conc: 1014.26 ng/ml



#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 439428363
Conc: 981.59 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	785.6E6	501.7E6	74.111m	73.846m
2)	SA Decachlor...	8.704	8.650	536.0E6	131.6E6	75.070	75.207m
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.743	265.1E6	165.9E6	741.241	736.514
4)	L1 AR-1016-2	4.780	4.762	385.3E6	249.7E6	738.229	743.699
5)	L1 AR-1016-3	4.837	4.936	243.8E6	129.2E6	736.557	746.717m
6)	L1 AR-1016-4	4.956	4.979	197.7E6	101.0E6	741.523	743.789m
7)	L1 AR-1016-5	5.213	5.191	204.1E6	131.9E6	734.329	748.865m
31)	L7 AR-1260-1	6.252	6.221	385.5E6	206.7E6	744.352	743.536
32)	L7 AR-1260-2	6.441	6.409	563.9E6	254.9E6	745.065	746.483
33)	L7 AR-1260-3	6.808	6.560	509.8E6	212.3E6	746.212	739.991m
34)	L7 AR-1260-4	7.067	7.031	332.1E6	145.8E6	749.812	743.946
35)	L7 AR-1260-5	7.309	7.273	1000.2E6	336.4E6	749.018	750.945

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

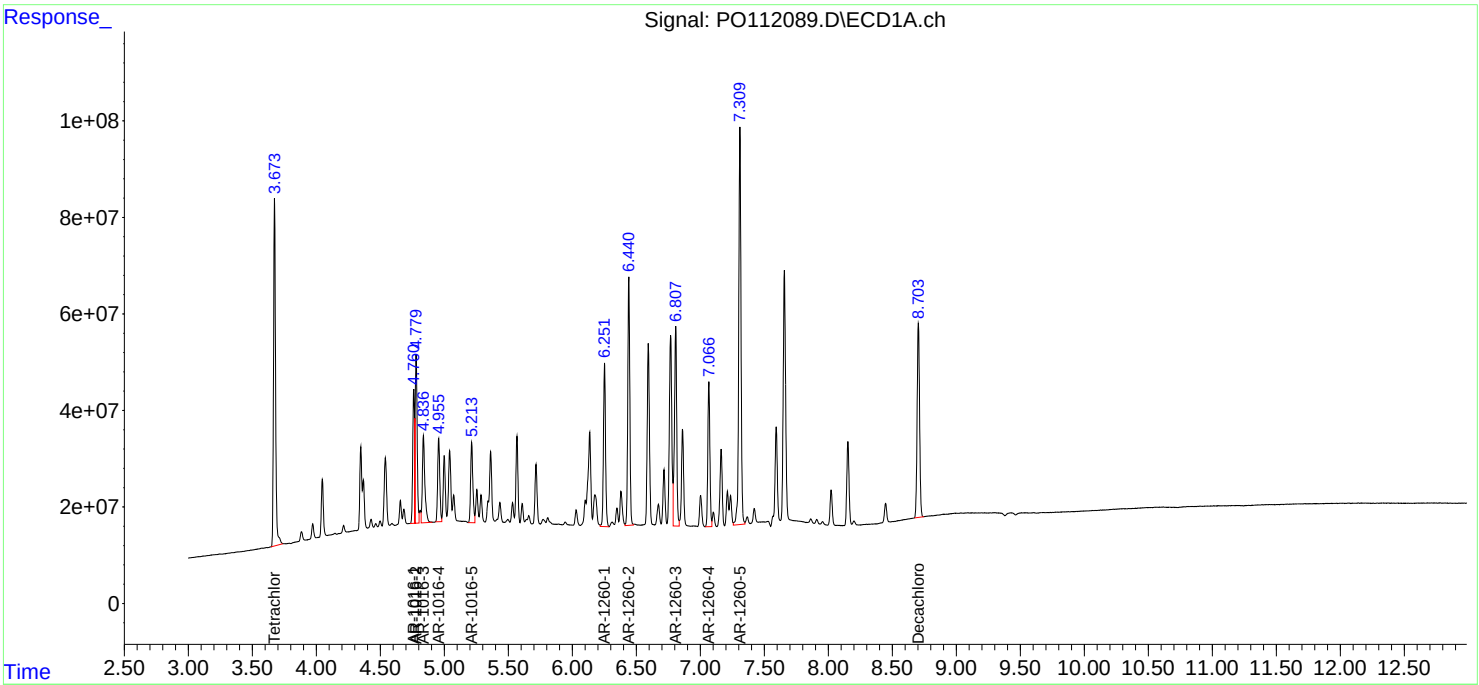
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

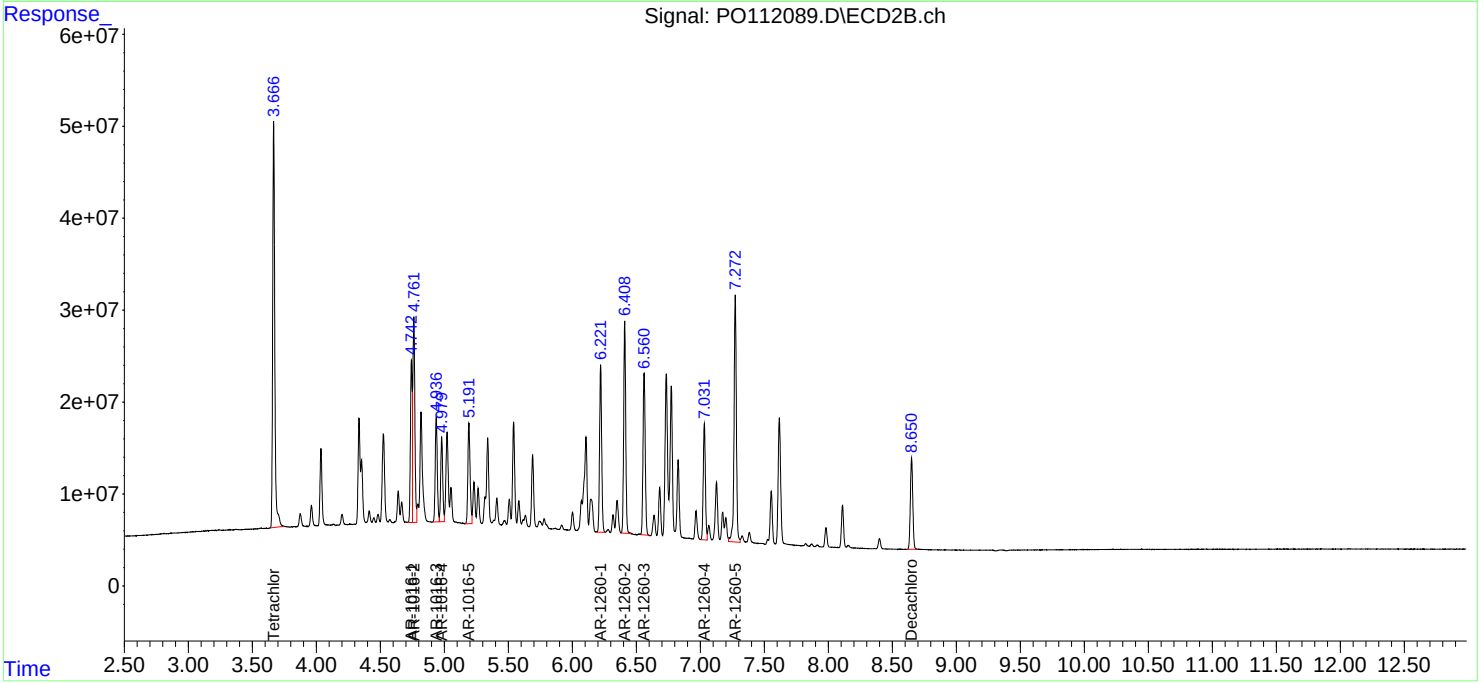
Manual Integrations APPROVED

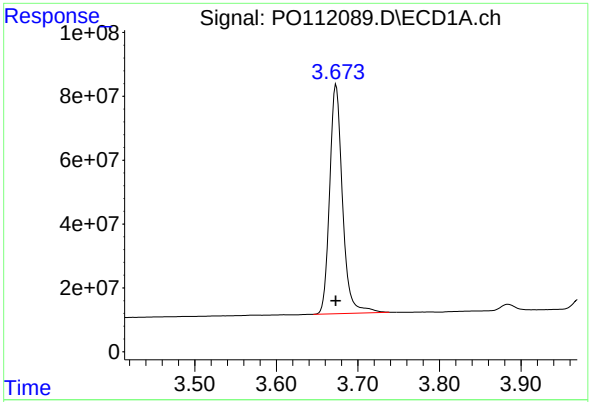
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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







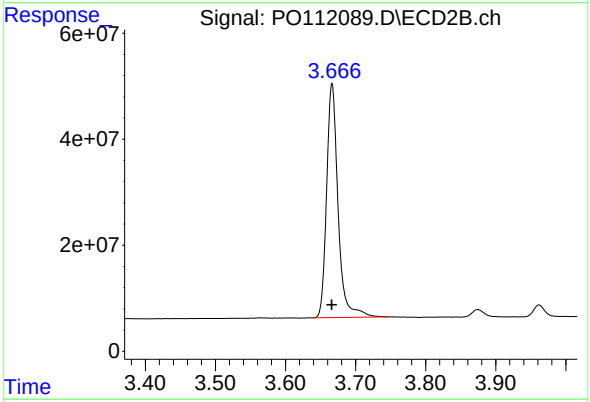
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 785611172
Conc: 74.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

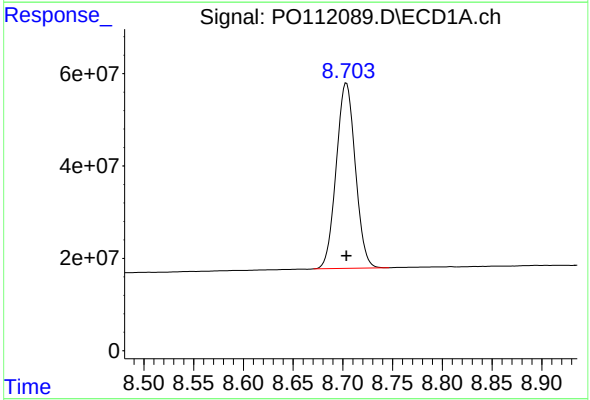
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



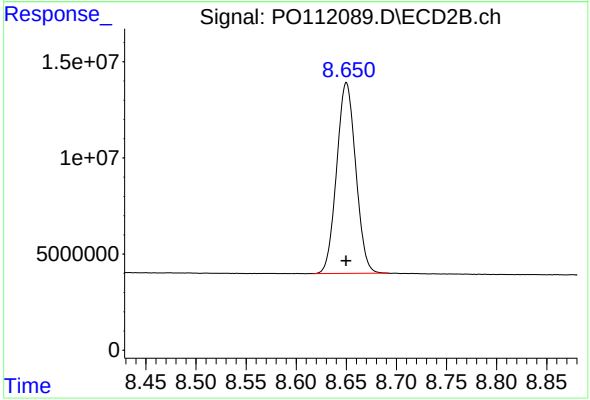
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 501658181
Conc: 73.85 ng/ml m



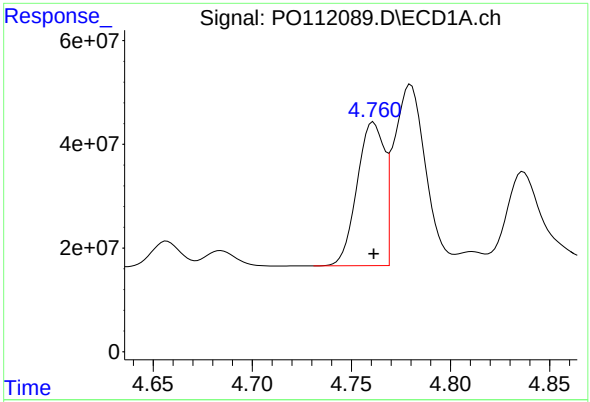
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 536034291
Conc: 75.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 131568891
Conc: 75.21 ng/ml m



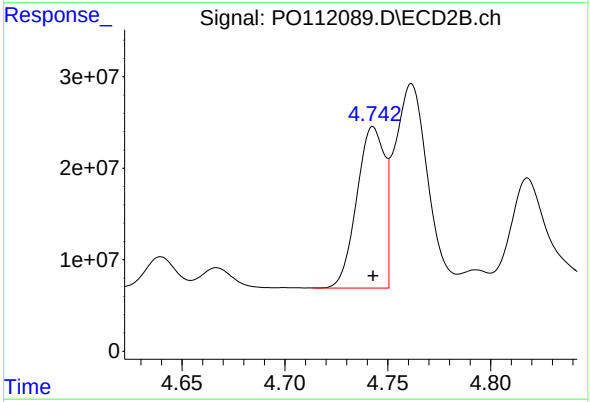
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 265058313
Conc: 741.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

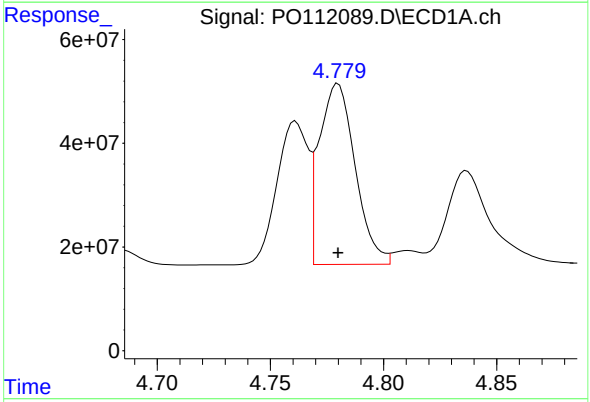
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



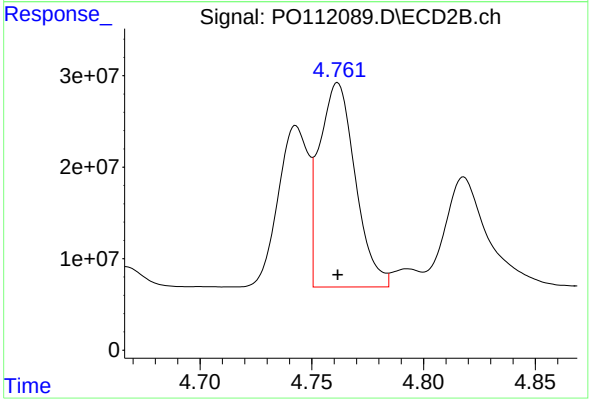
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 165898192
Conc: 736.51 ng/ml



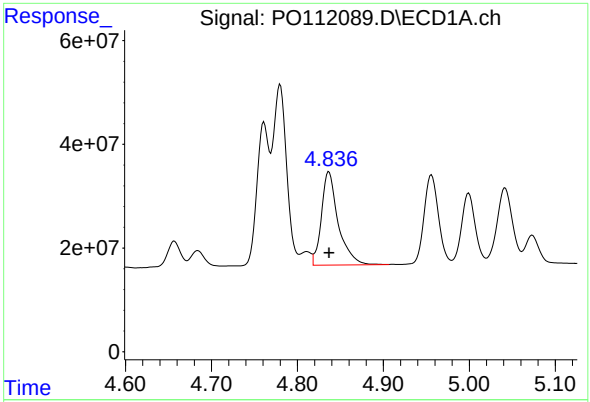
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 385300934
Conc: 738.23 ng/ml



#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 249723612
Conc: 743.70 ng/ml



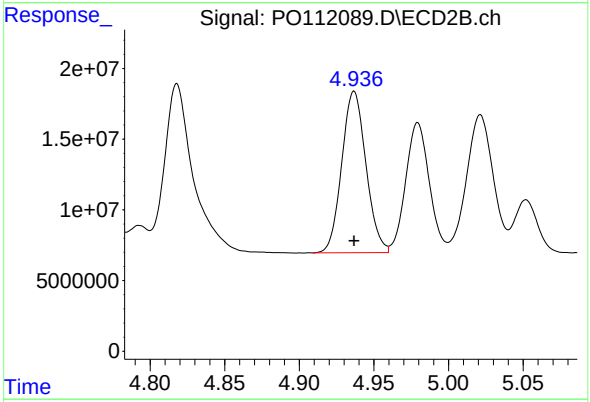
#5 AR-1016-3

R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 243759059
Conc: 736.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

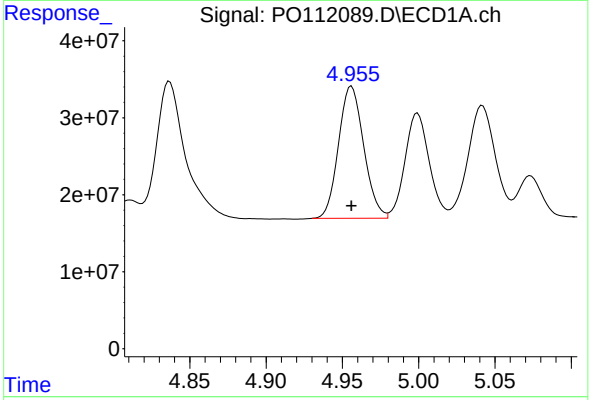
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



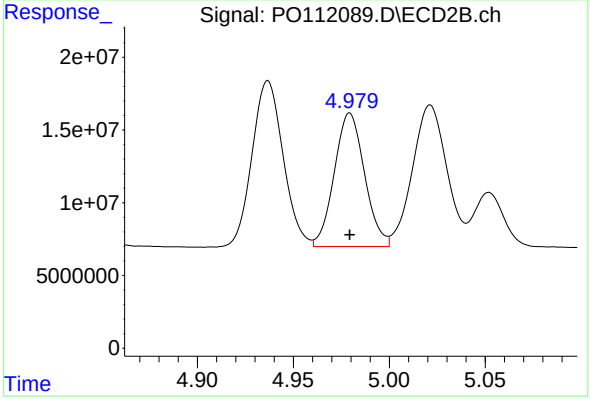
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 129214857
Conc: 746.72 ng/ml m



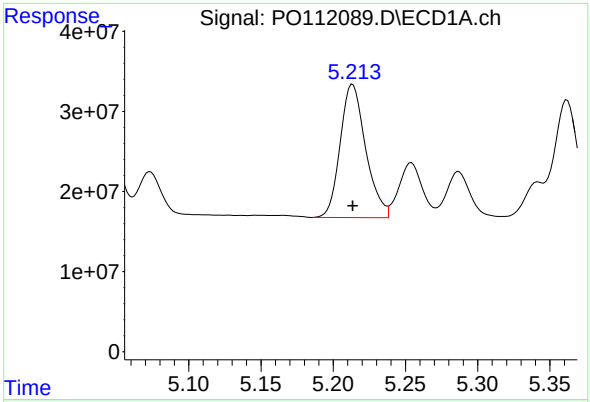
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 197668080
Conc: 741.52 ng/ml



#6 AR-1016-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 101042119
Conc: 743.79 ng/ml m



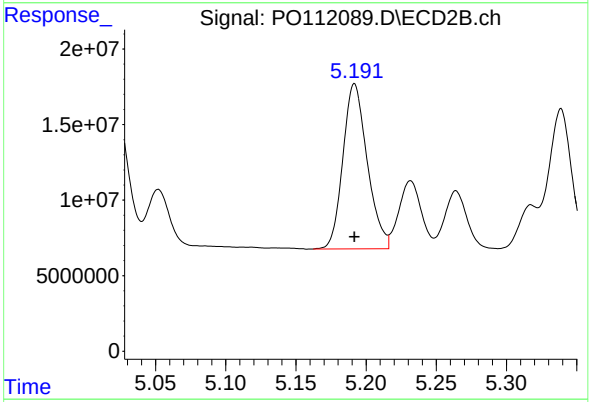
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 204105527
Conc: 734.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

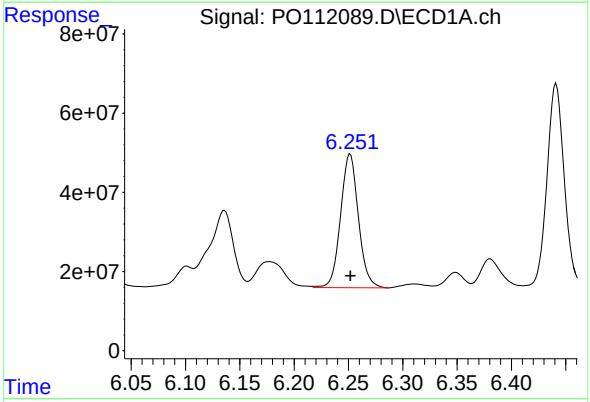
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



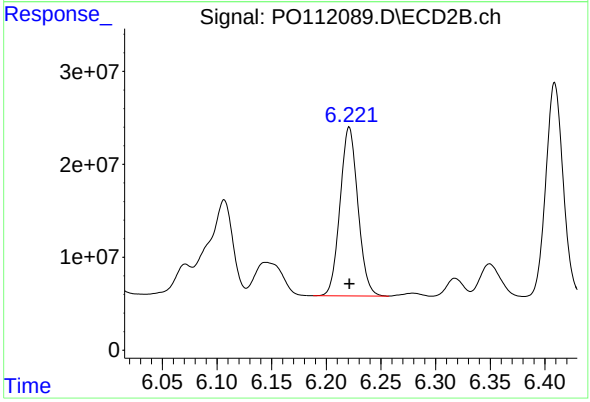
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 131900981
Conc: 748.87 ng/ml m



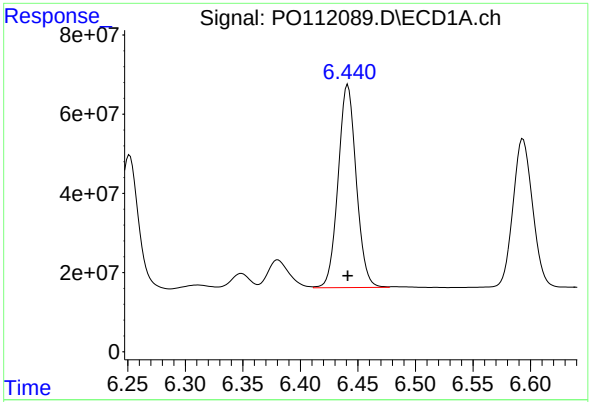
#31 AR-1260-1

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 385533844
Conc: 744.35 ng/ml



#31 AR-1260-1

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 206690683
Conc: 743.54 ng/ml



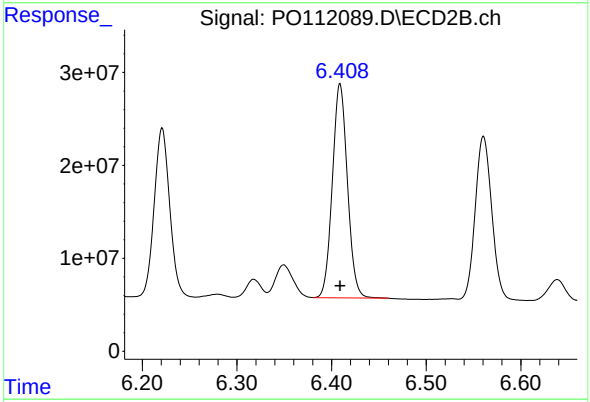
#32 AR-1260-2

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 563851179
Conc: 745.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

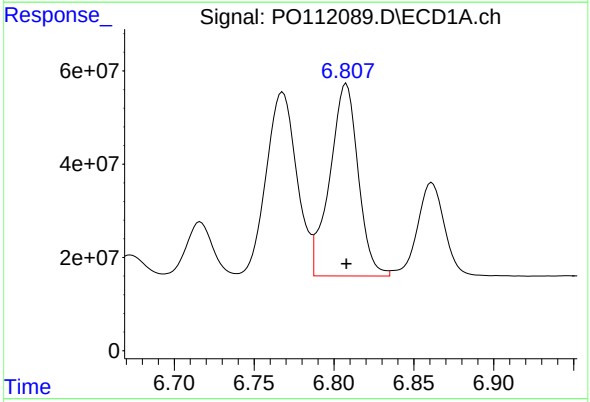
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



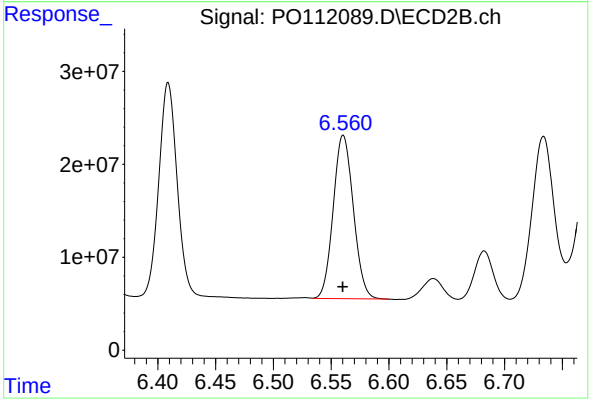
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 254912389
Conc: 746.48 ng/ml



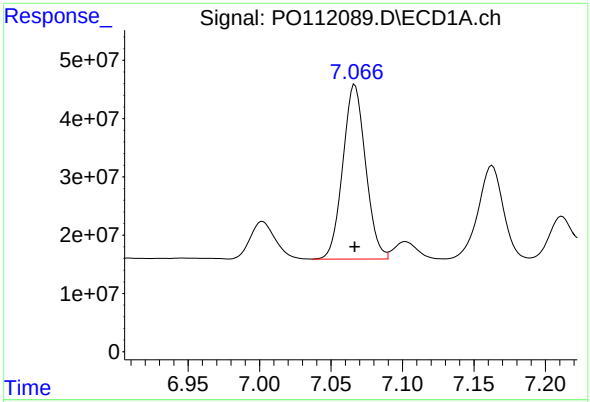
#33 AR-1260-3

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 509828933
Conc: 746.21 ng/ml



#33 AR-1260-3

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 212348313
Conc: 739.99 ng/ml m



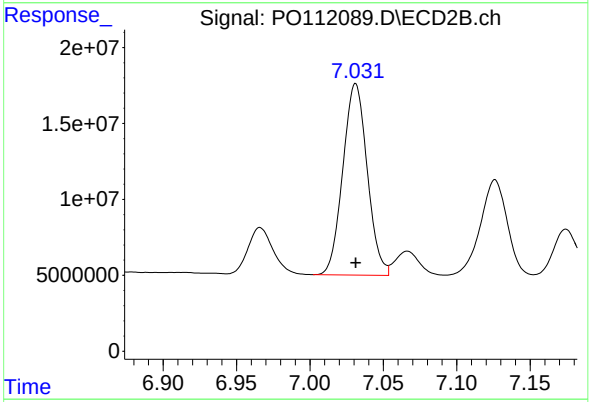
#34 AR-1260-4

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 332111911
Conc: 749.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

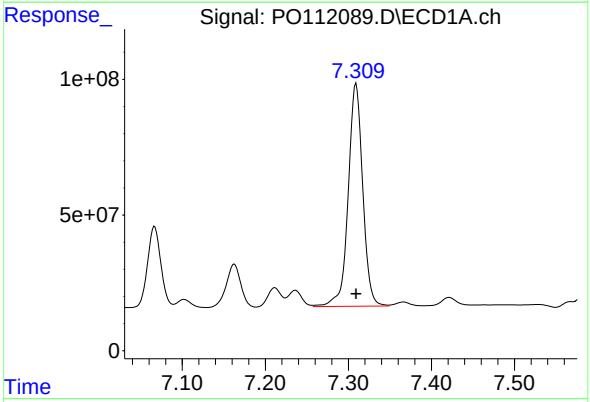
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



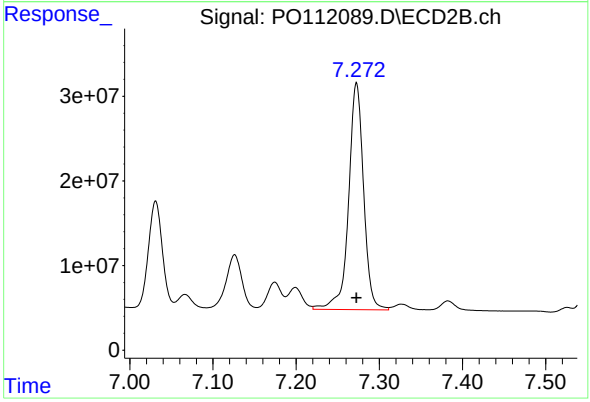
#34 AR-1260-4

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 145778050
Conc: 743.95 ng/ml



#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 1000222126
Conc: 749.02 ng/ml



#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 336387510
Conc: 750.94 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:43
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.684	525.7E6	341.2E6	50.000	50.000
2)	SA Decachlor...	8.703	8.668	359.1E6	89500378	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.761	179.3E6	114.9E6	500.000	500.000
4)	L1 AR-1016-2	4.780	4.779	263.6E6	170.4E6	500.000	500.000
5)	L1 AR-1016-3	4.836	4.954	167.5E6	88755203	500.000	500.000
6)	L1 AR-1016-4	4.956	4.997	134.5E6	70348152	500.000	500.000
7)	L1 AR-1016-5	5.213	5.209	140.2E6	91687095	500.000	500.000
31)	L7 AR-1260-1	6.251	6.238	262.3E6	142.2E6	500.000	500.000
32)	L7 AR-1260-2	6.441	6.426	381.5E6	172.5E6	500.000	500.000
33)	L7 AR-1260-3	6.807	6.578	348.6E6	146.6E6	500.000	500.000
34)	L7 AR-1260-4	7.067	7.048	228.8E6	101.6E6	500.000	500.000
35)	L7 AR-1260-5	7.309	7.290	658.6E6	228.0E6	500.000	500.000

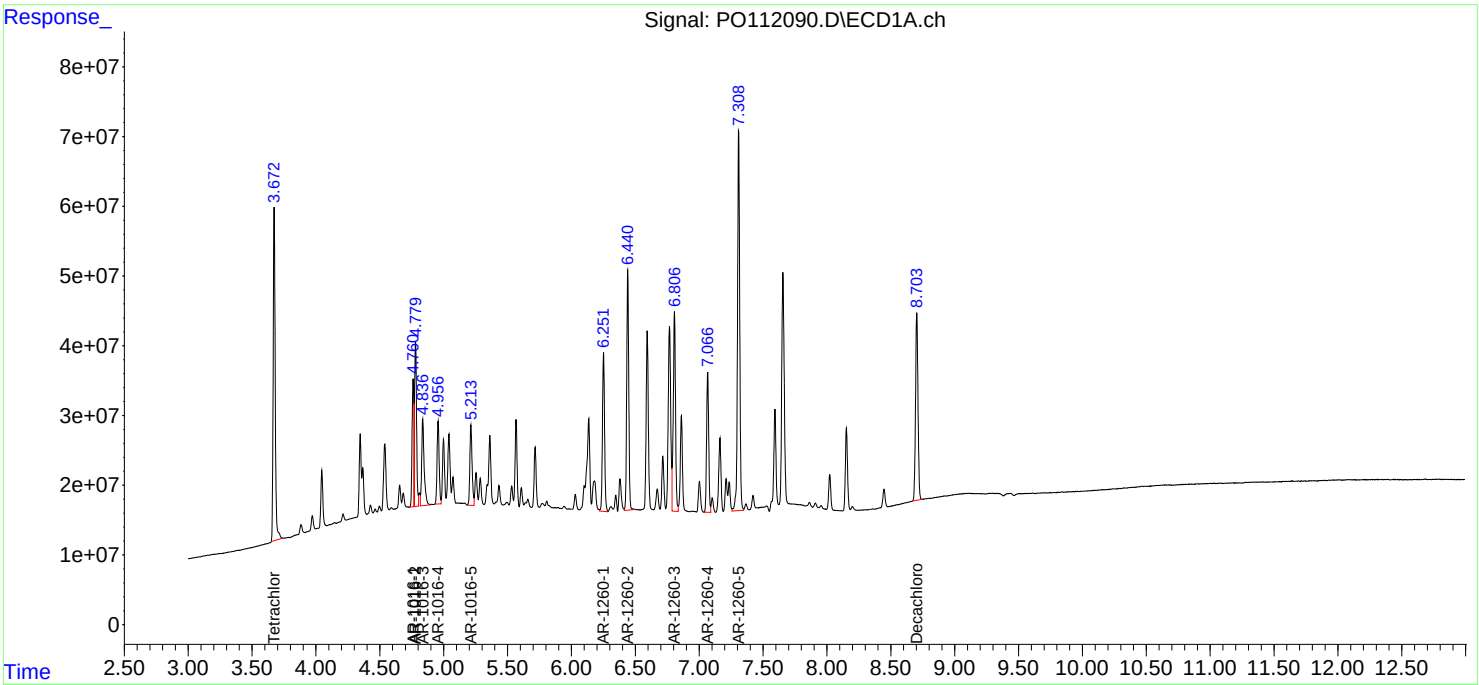
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

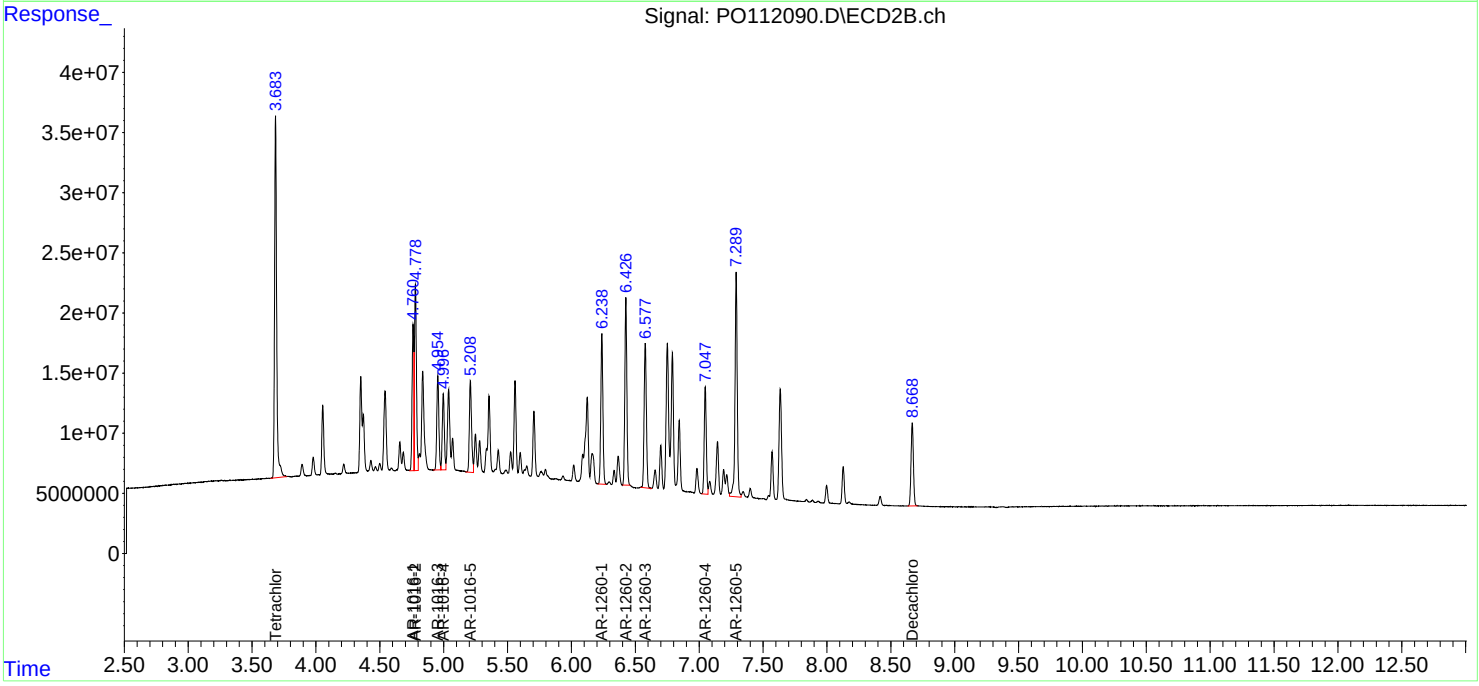
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:43
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

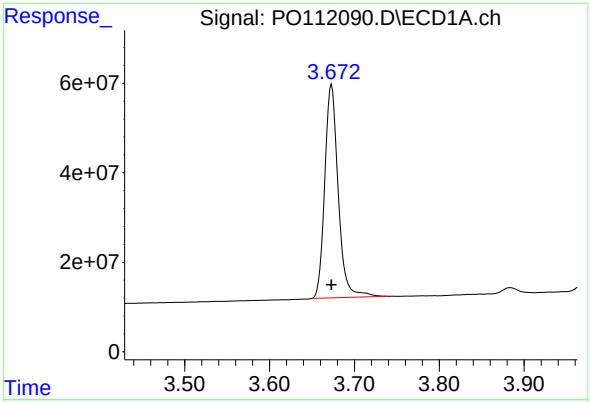
Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



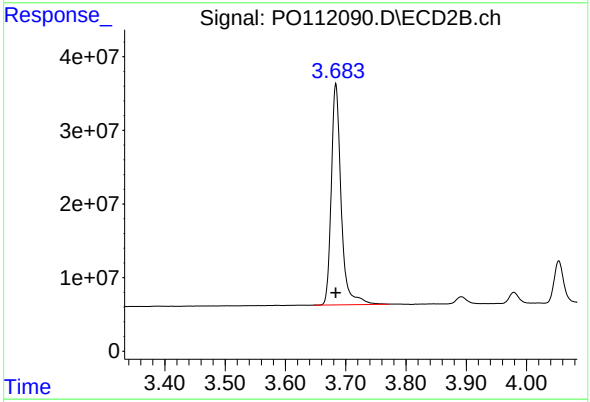




#1 Tetrachloro-m-xylene

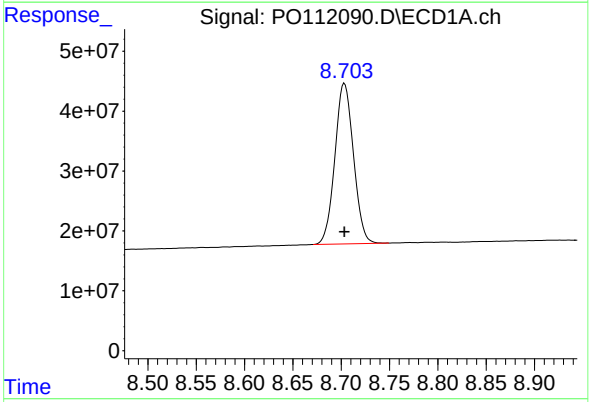
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 525664563
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



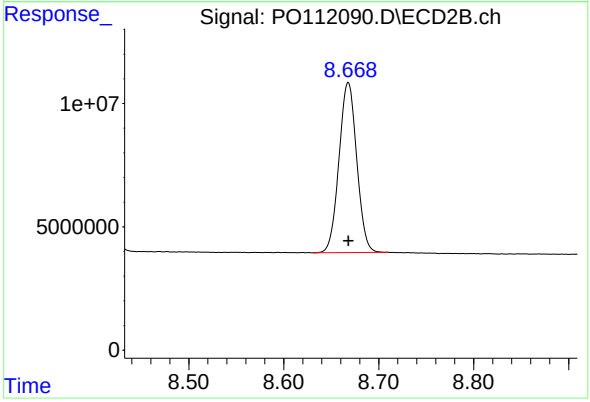
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 341192636
Conc: 50.00 ng/ml



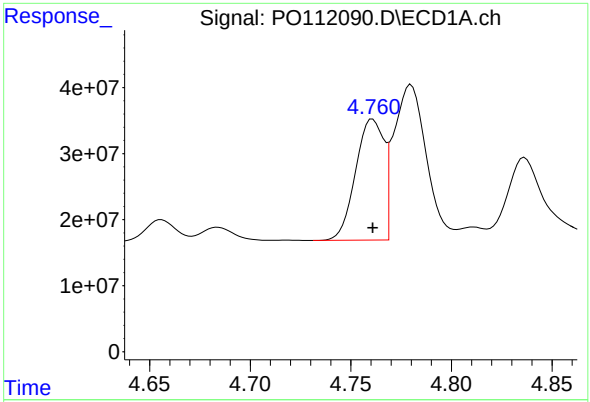
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 359131525
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

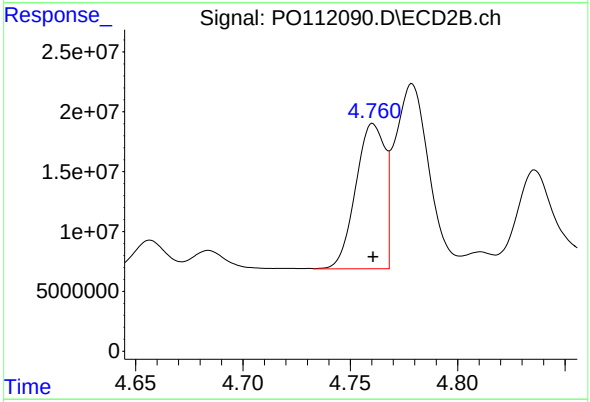
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 89500378
Conc: 50.00 ng/ml



#3 AR-1016-1

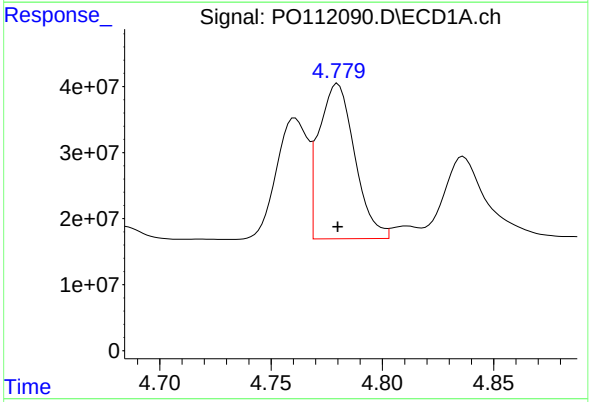
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 179304039
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



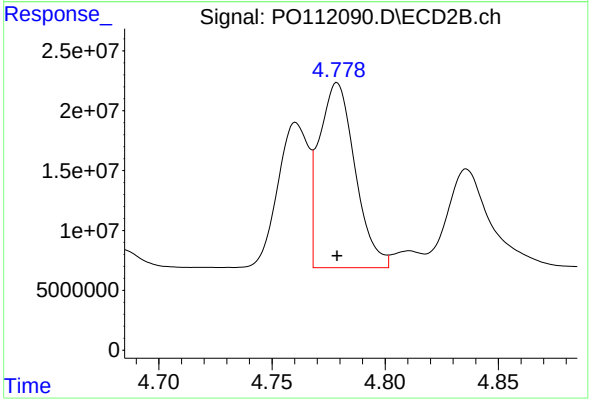
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 114927870
Conc: 500.00 ng/ml



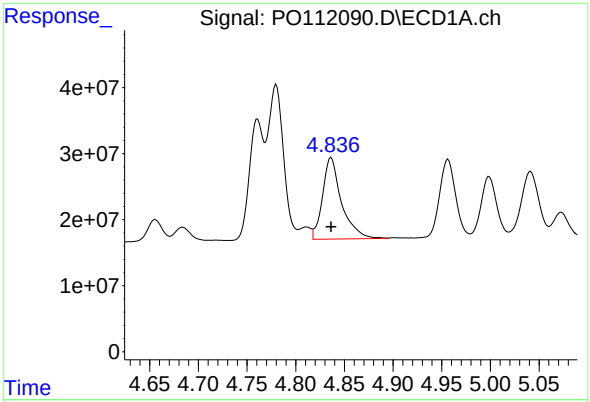
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 263643129
Conc: 500.00 ng/ml



#4 AR-1016-2

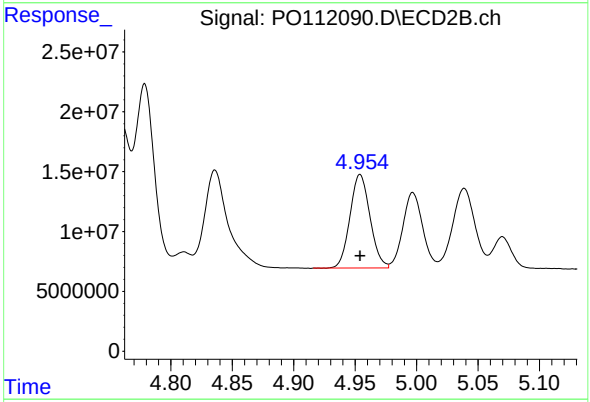
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 170358287
Conc: 500.00 ng/ml



#5 AR-1016-3

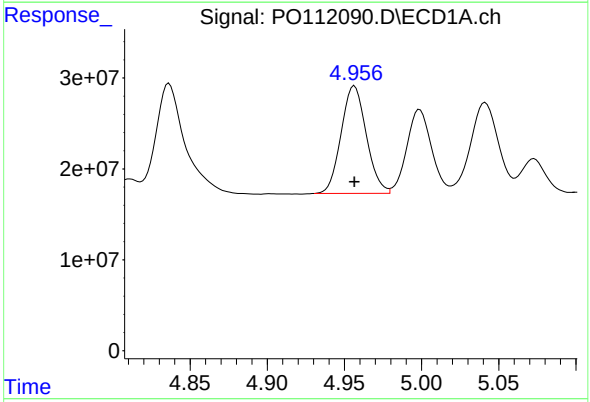
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 167495186
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



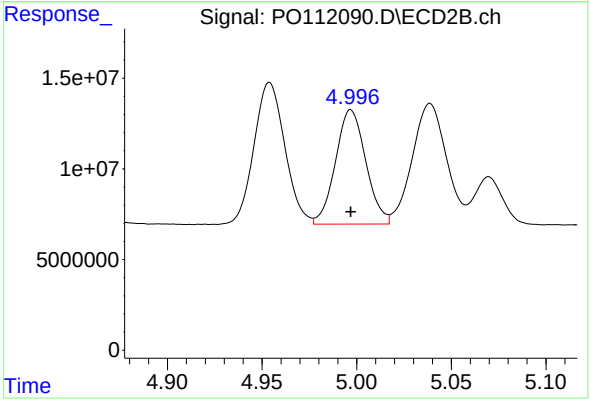
#5 AR-1016-3

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 88755203
Conc: 500.00 ng/ml



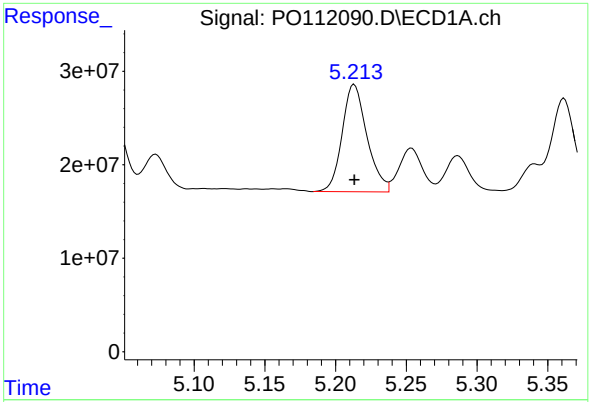
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 134519633
Conc: 500.00 ng/ml



#6 AR-1016-4

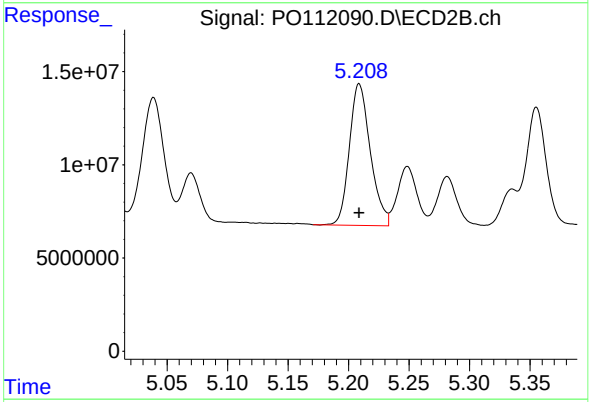
R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 70348152
Conc: 500.00 ng/ml



#7 AR-1016-5

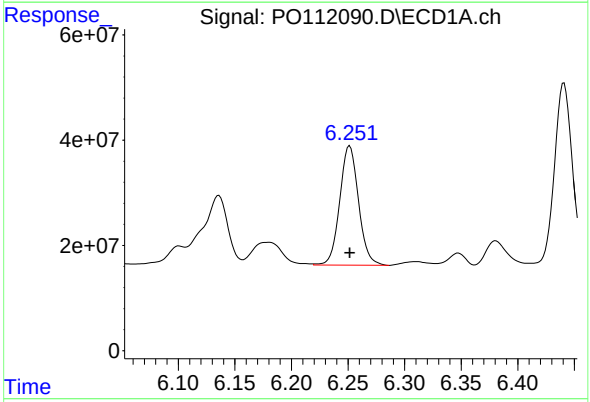
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 140223352
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



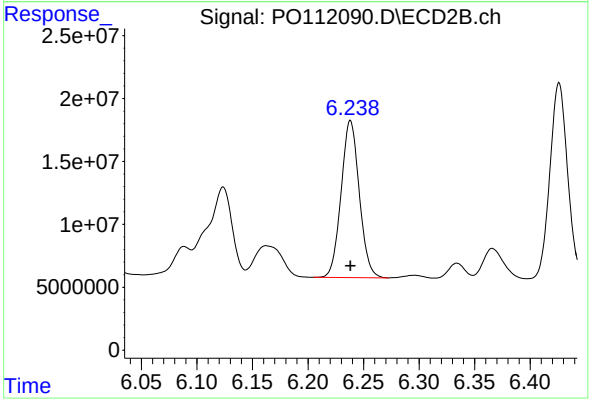
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 91687095
Conc: 500.00 ng/ml



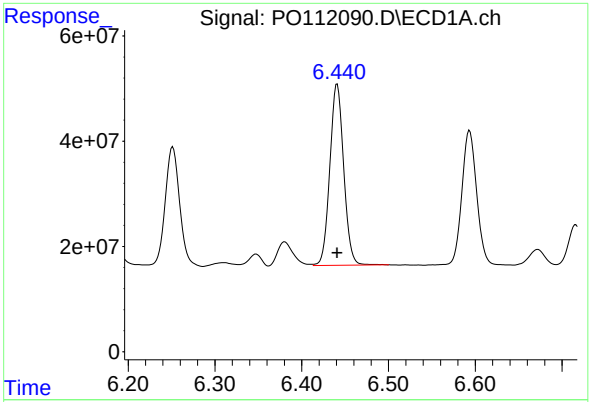
#31 AR-1260-1

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 262264034
Conc: 500.00 ng/ml



#31 AR-1260-1

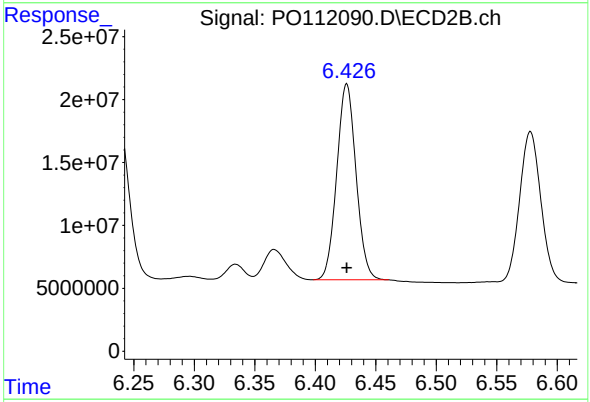
R.T.: 6.238 min
Delta R.T.: 0.000 min
Response: 142198185
Conc: 500.00 ng/ml



#32 AR-1260-2

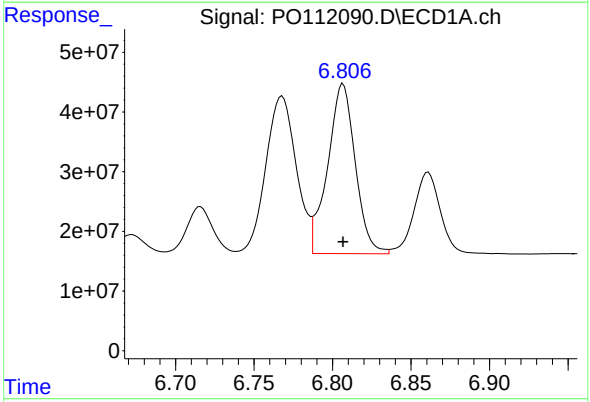
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 381541844
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



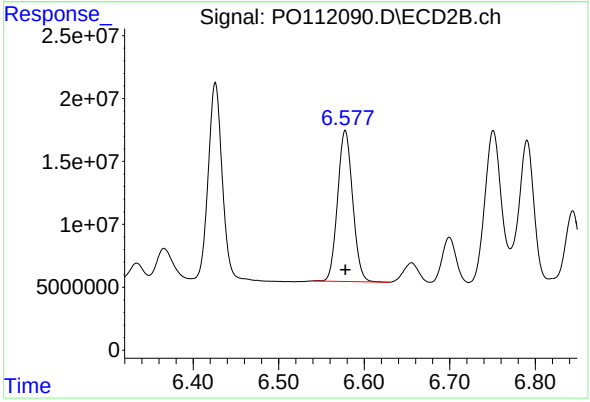
#32 AR-1260-2

R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 172549408
Conc: 500.00 ng/ml



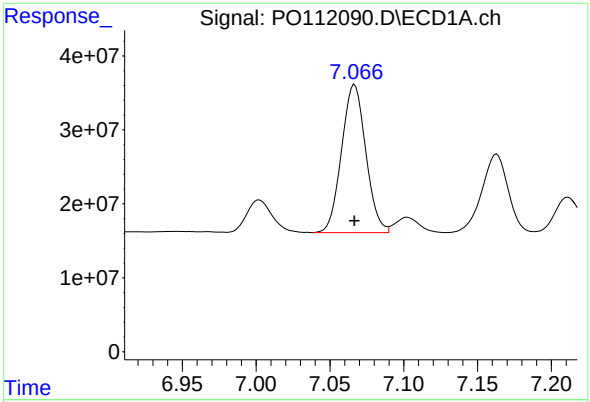
#33 AR-1260-3

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 348566351
Conc: 500.00 ng/ml



#33 AR-1260-3

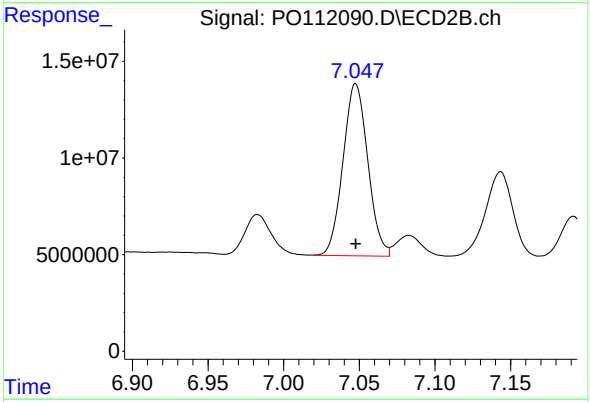
R.T.: 6.578 min
Delta R.T.: 0.000 min
Response: 146577768
Conc: 500.00 ng/ml



#34 AR-1260-4

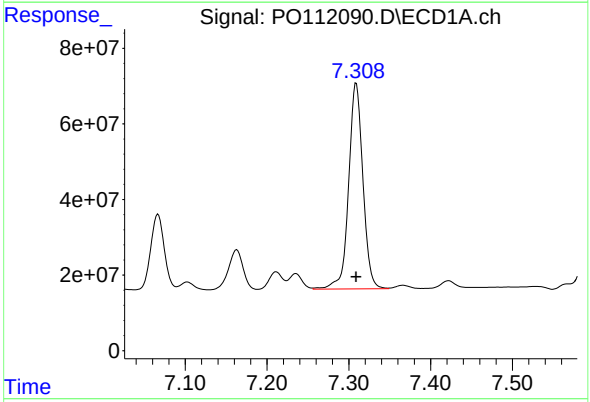
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 228751380
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500



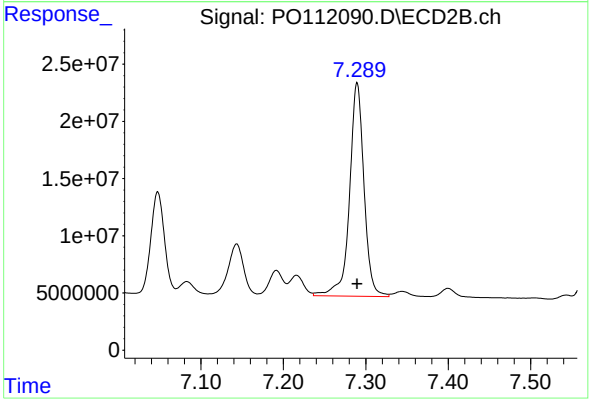
#34 AR-1260-4

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 101583197
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 658599875
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 227956292
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.666	254.6E6	166.5E6	24.239	24.620m
2)	SA Decachlor...	8.704	8.650	182.1E6	46559399	25.379	26.170m
	Target Compounds						
3)	L1 AR-1016-1	4.762	4.743	87952907	58858758	246.959	258.385
4)	L1 AR-1016-2	4.780	4.762	131.2E6	86217779	251.058	255.039
5)	L1 AR-1016-3	4.838	4.937	85456999	43830930	256.116	251.057
6)	L1 AR-1016-4	4.957	4.979	66370456	35386243	249.234	257.115
7)	L1 AR-1016-5	5.214	5.192	71497345	44870816	255.385	251.028
31)	L7 AR-1260-1	6.251	6.221	131.2E6	79739924	253.320m	276.656
32)	L7 AR-1260-2	6.441	6.409	185.2E6	91585006	246.068m	263.404
33)	L7 AR-1260-3	6.807	6.561	161.9E6	73700907	238.590m	254.910m
34)	L7 AR-1260-4	7.066	7.031	115.3E6	54771859	256.248m	271.502
35)	L7 AR-1260-5	7.309	7.272	324.7E6	120.8E6	242.889m	264.490

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

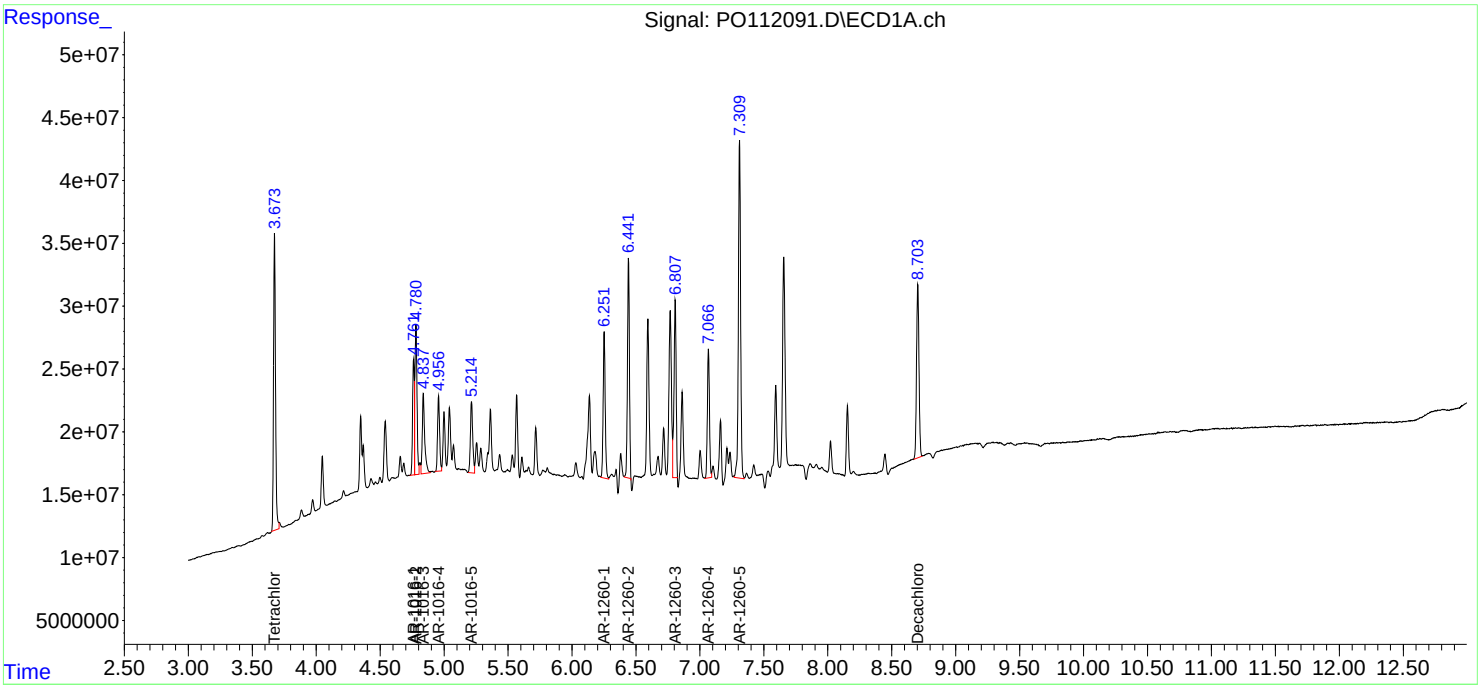
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

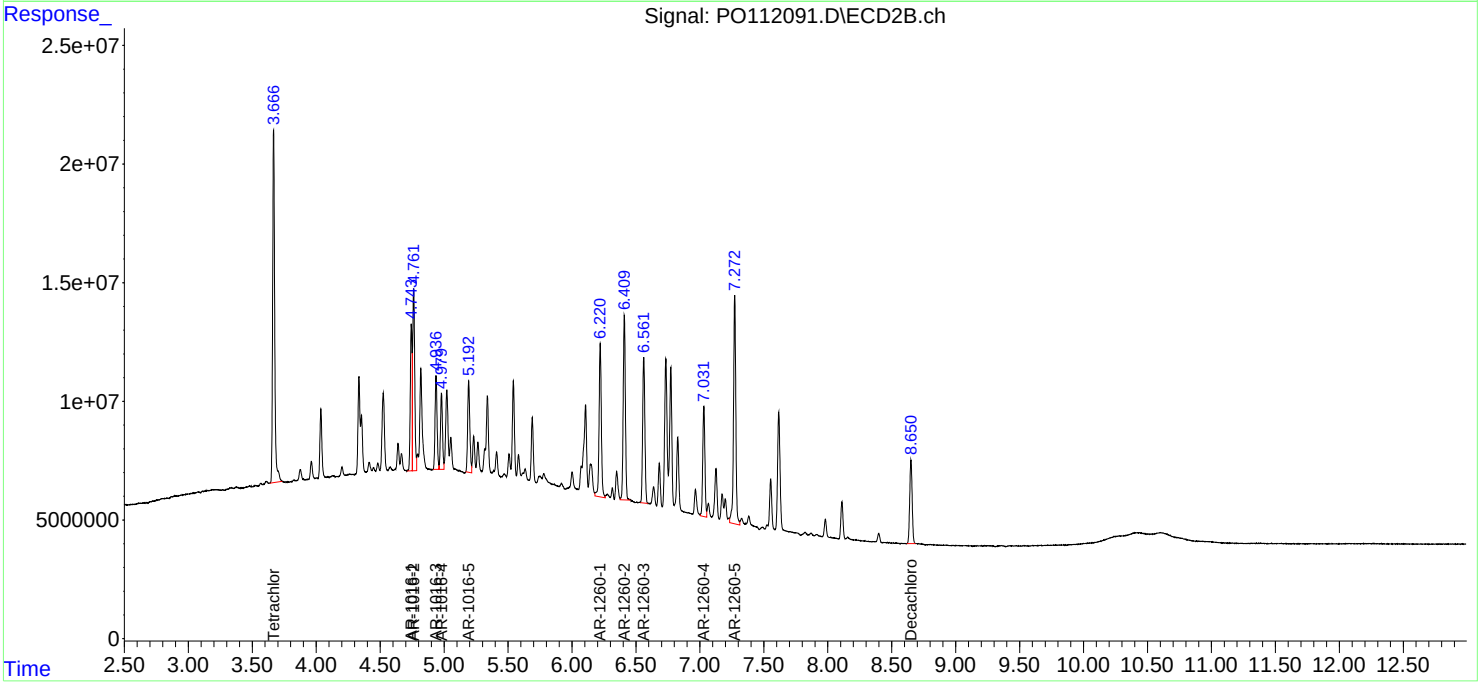
Manual Integrations APPROVED

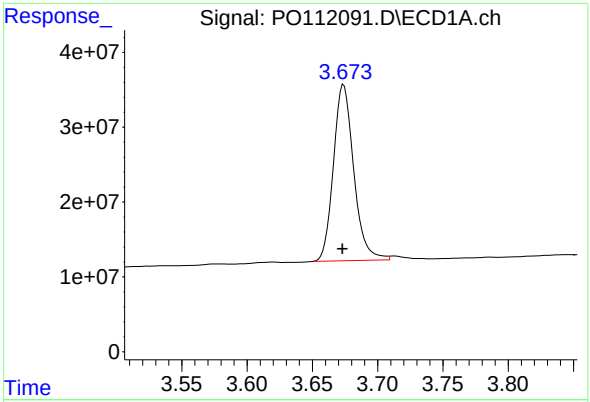
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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







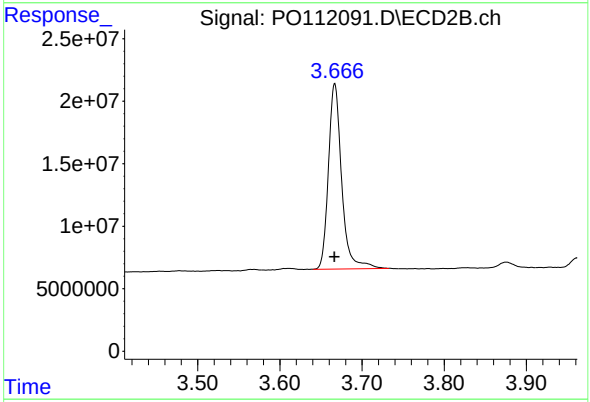
#1 Tetrachloro-m-xylene

R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 254587950
Conc: 24.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

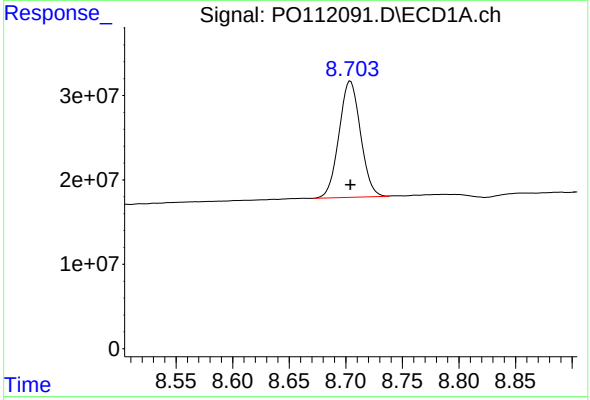
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



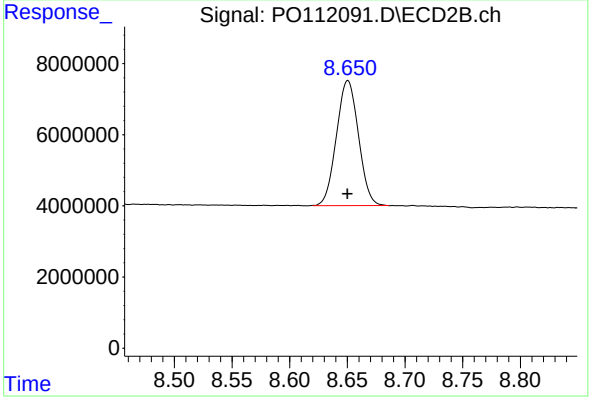
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 166509133
Conc: 24.62 ng/ml m



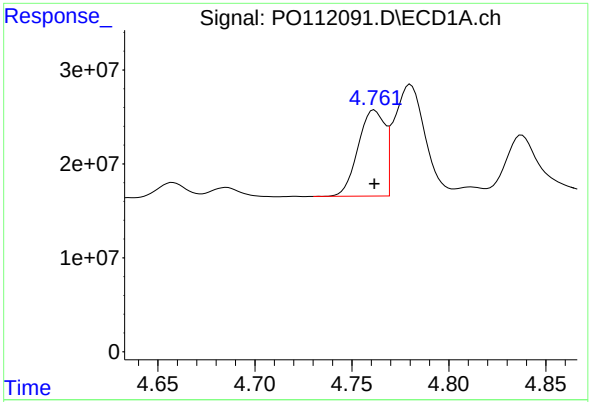
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 182135512
Conc: 25.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 46559399
Conc: 26.17 ng/ml m



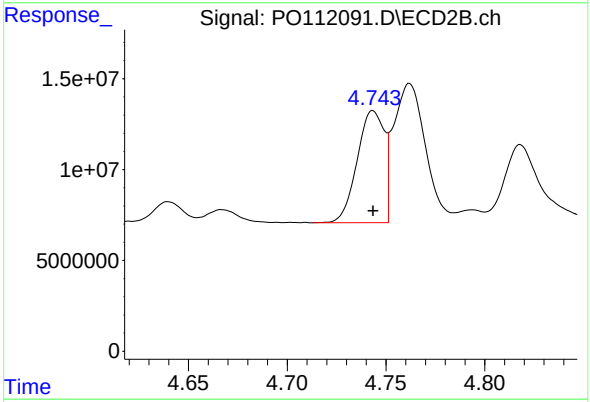
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 87952907
Conc: 246.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

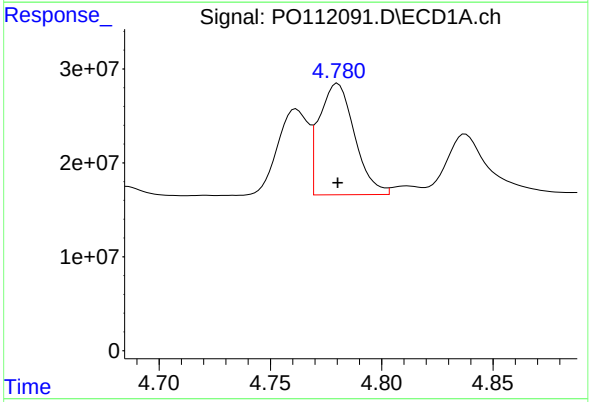
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



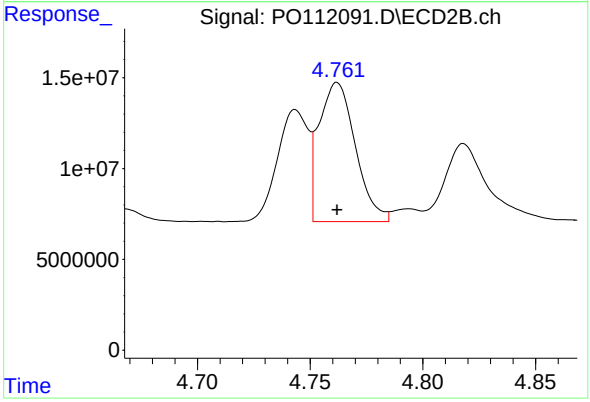
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 58858758
Conc: 258.39 ng/ml



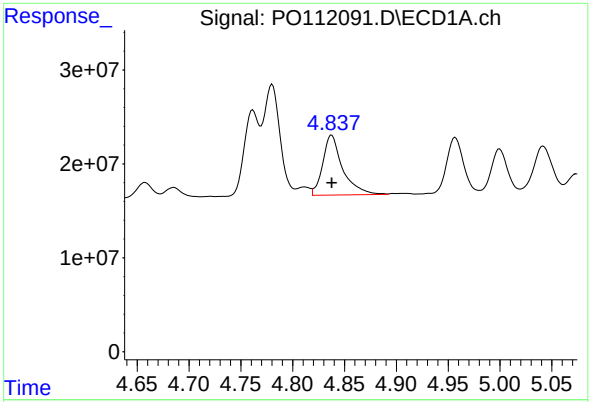
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 131218582
Conc: 251.06 ng/ml



#4 AR-1016-2

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 86217779
Conc: 255.04 ng/ml



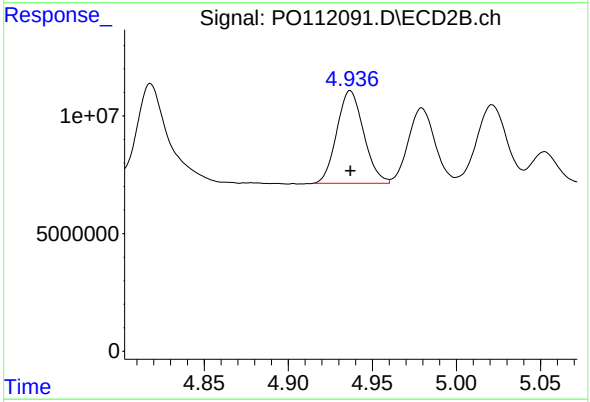
#5 AR-1016-3

R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 85456999
Conc: 256.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

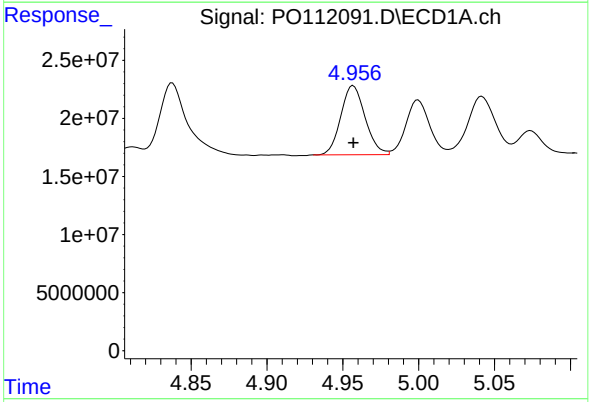
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



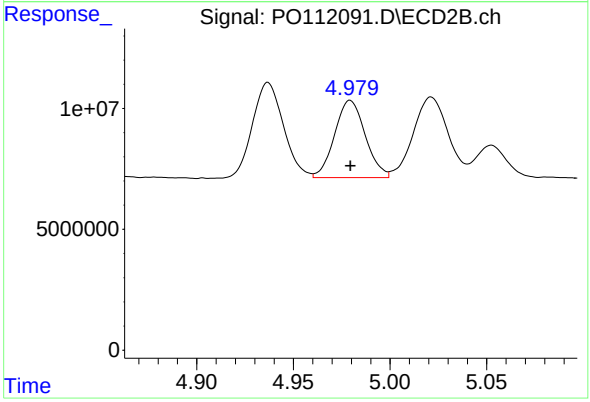
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 43830930
Conc: 251.06 ng/ml



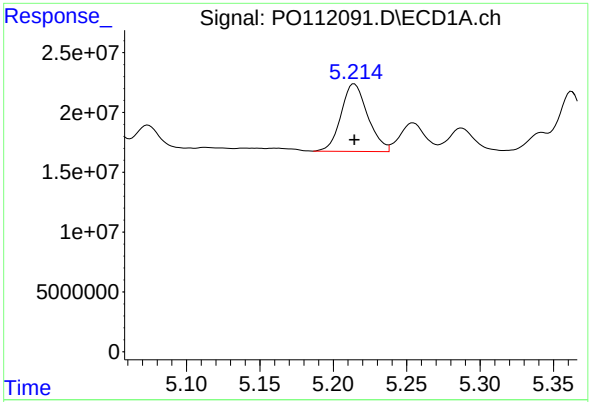
#6 AR-1016-4

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 66370456
Conc: 249.23 ng/ml



#6 AR-1016-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 35386243
Conc: 257.11 ng/ml



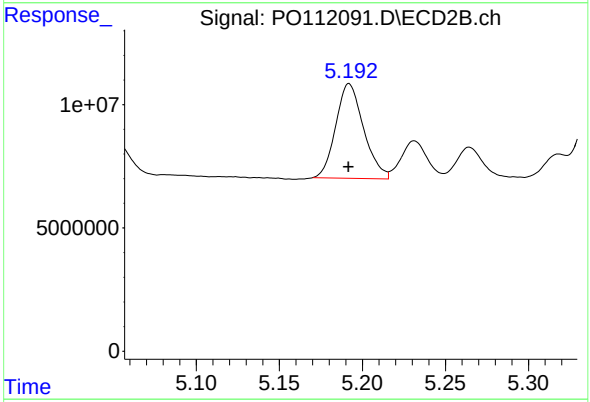
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 71497345
Conc: 255.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

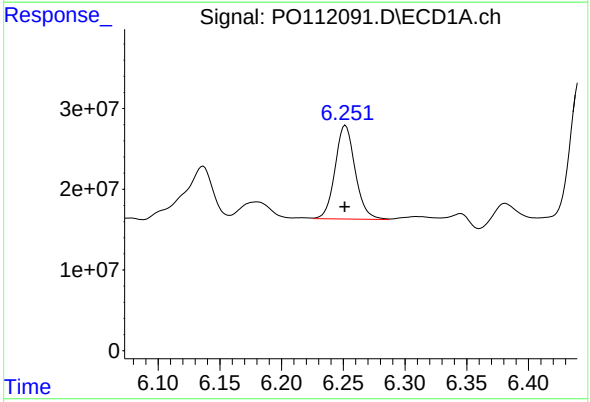
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



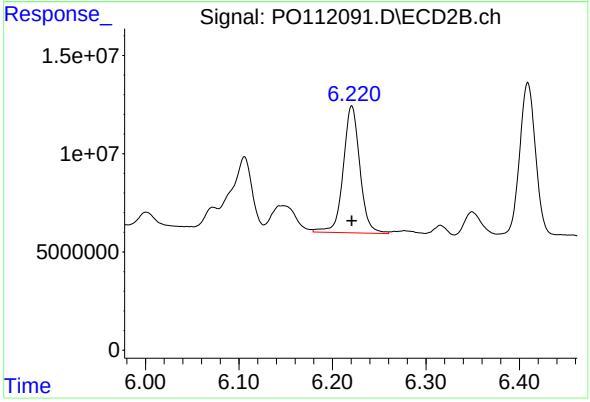
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 44870816
Conc: 251.03 ng/ml



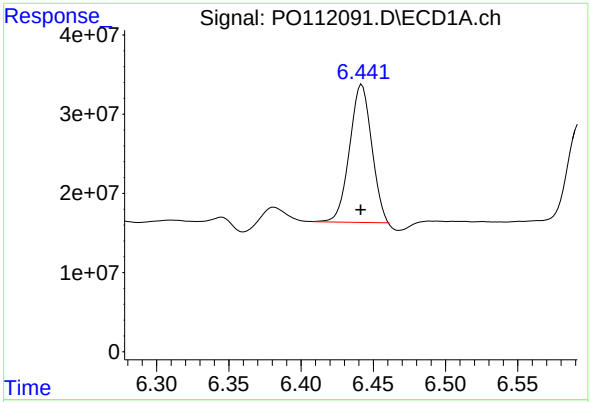
#31 AR-1260-1

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 131230582
Conc: 253.32 ng/ml m



#31 AR-1260-1

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 79739924
Conc: 276.66 ng/ml



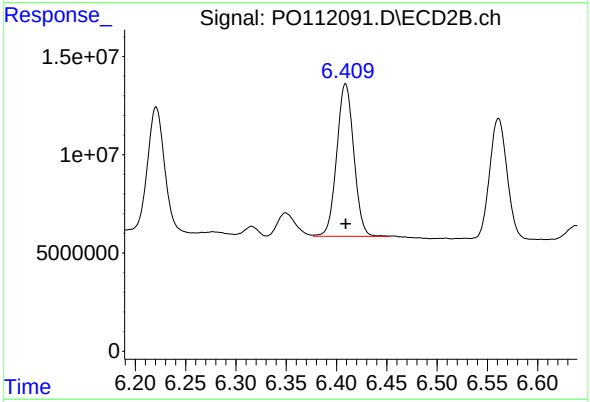
#32 AR-1260-2

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 185229581
Conc: 246.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

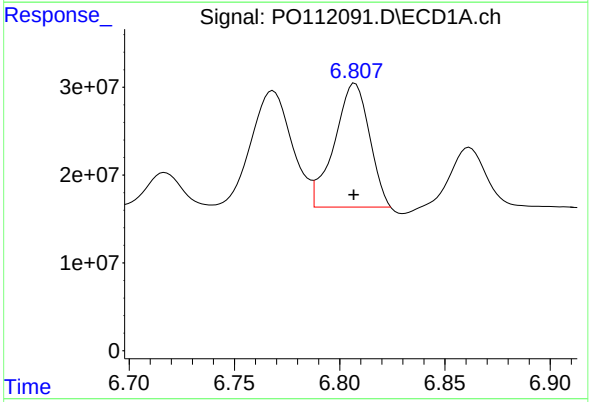
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



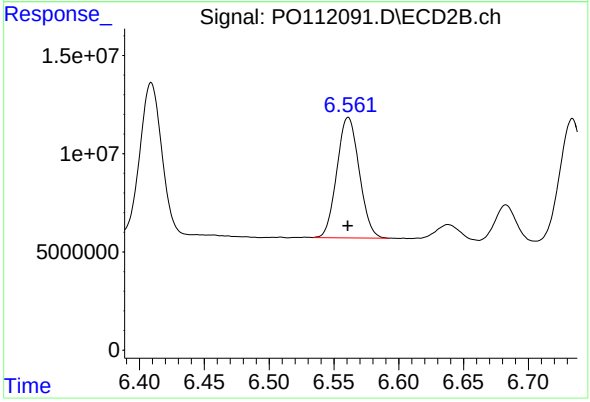
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 91585006
Conc: 263.40 ng/ml



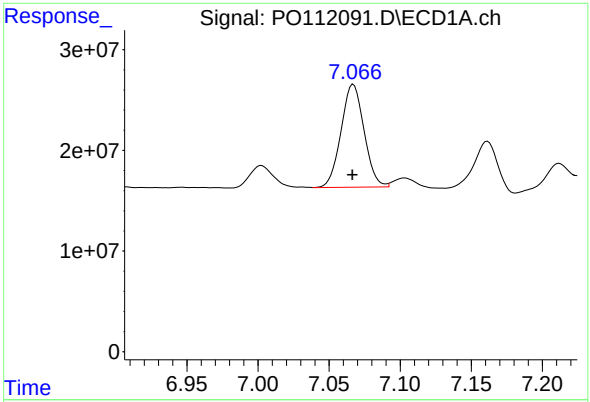
#33 AR-1260-3

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 161896109
Conc: 238.59 ng/ml m



#33 AR-1260-3

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 73700907
Conc: 254.91 ng/ml m



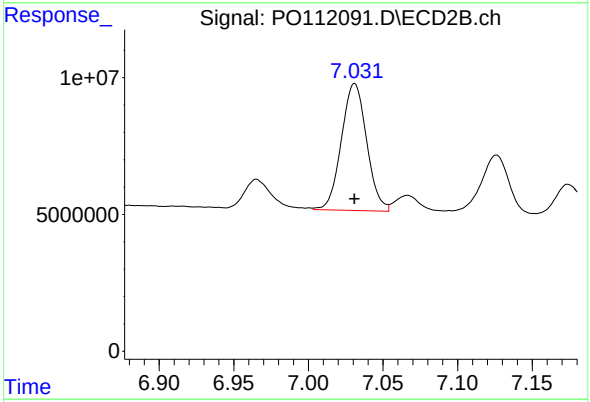
#34 AR-1260-4

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 115279593
Conc: 256.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

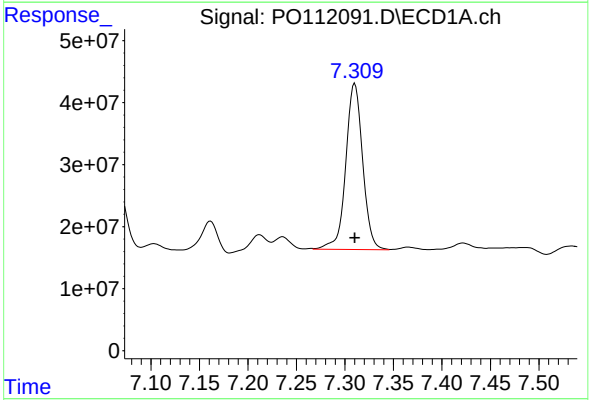
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



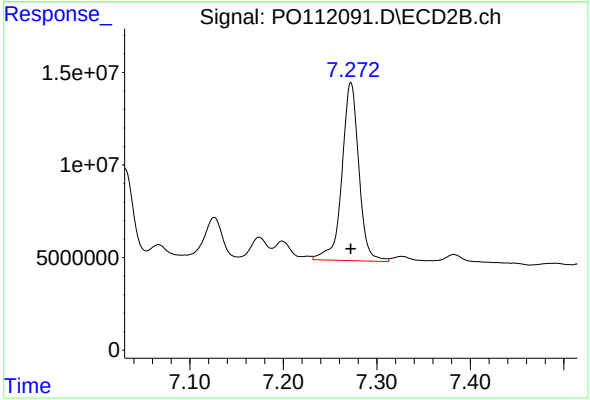
#34 AR-1260-4

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 54771859
Conc: 271.50 ng/ml



#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 324723025
Conc: 242.89 ng/ml m



#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 120812819
Conc: 264.49 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	37442397	24163066	3.784	3.793
2)	SA Decachlor...	8.703	8.650	27391770	7510514	4.006	4.354m
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.743	13802015	10149679	40.580	45.548
4)	L1 AR-1016-2	4.780	4.761	19790298	14662938	39.796	44.555
5)	L1 AR-1016-3	4.836	4.936	14195524	7549659	43.852	44.445
6)	L1 AR-1016-4	4.956	4.979	10940244	6781238	42.602	49.416
7)	L1 AR-1016-5	5.211	5.191	12423751	7528374	45.100m	43.655
31)	L7 AR-1260-1	6.250	6.220	21371774	12495016	42.836m	44.579m
32)	L7 AR-1260-2	6.440	6.408	33970556	15459479	46.386m	45.388m
33)	L7 AR-1260-3	6.806	6.559	29007819	11088040	44.254	40.234
34)	L7 AR-1260-4	7.066	7.030	19317003	9814007	44.382	48.912
35)	L7 AR-1260-5	7.309	7.272	50382935	20576692	39.906	45.958

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

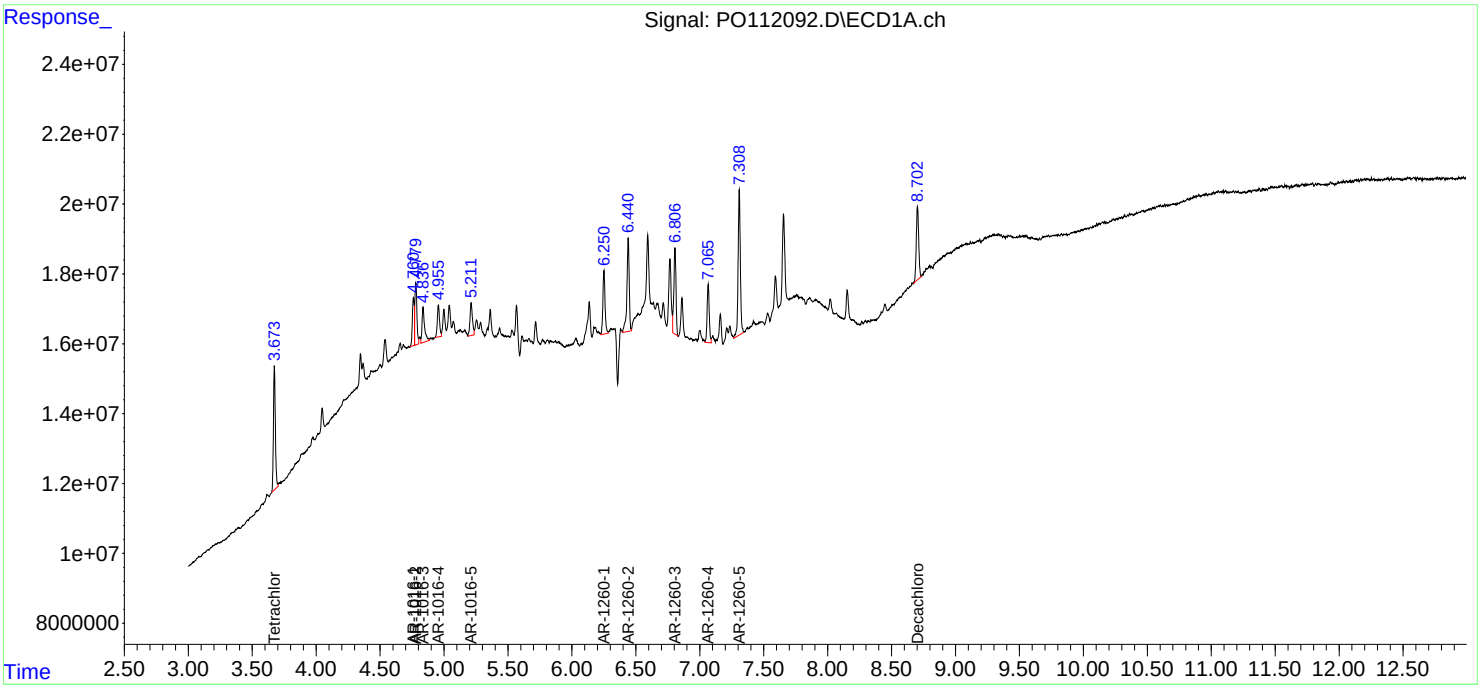
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

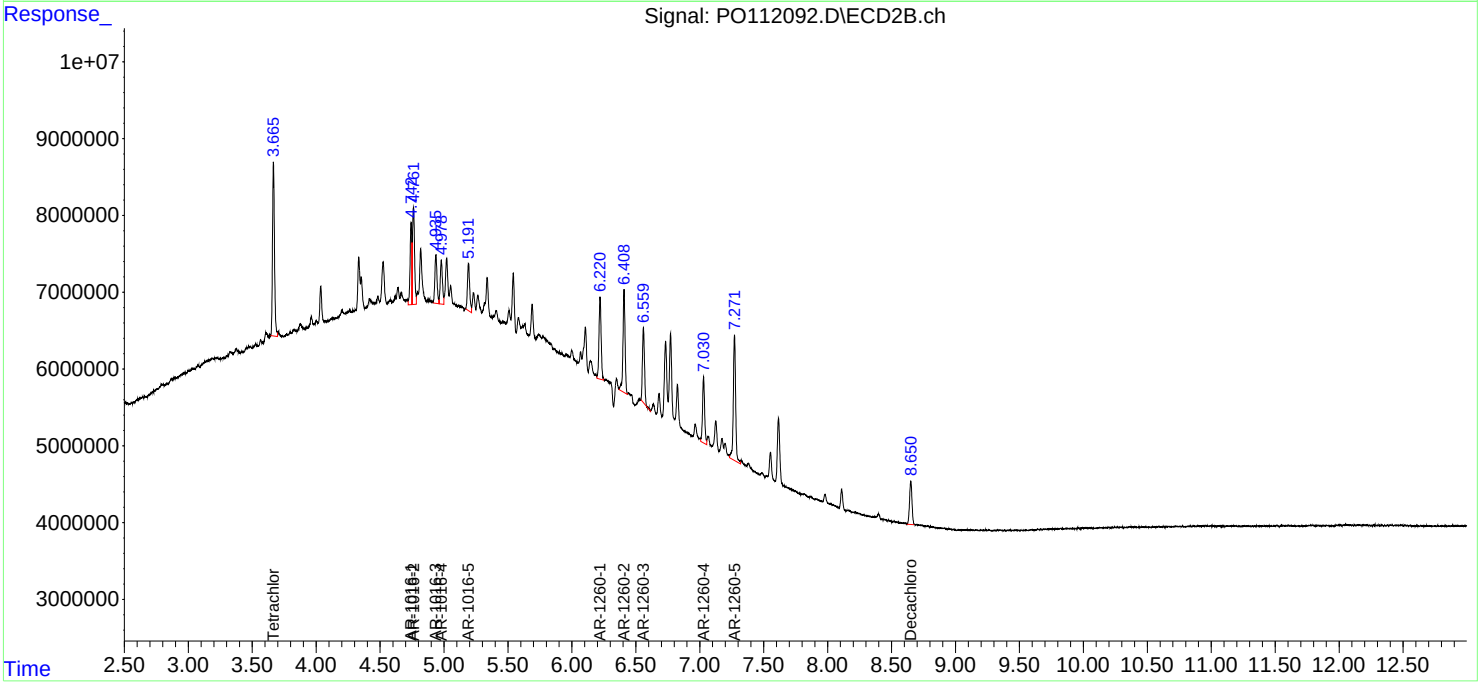
Manual Integrations APPROVED

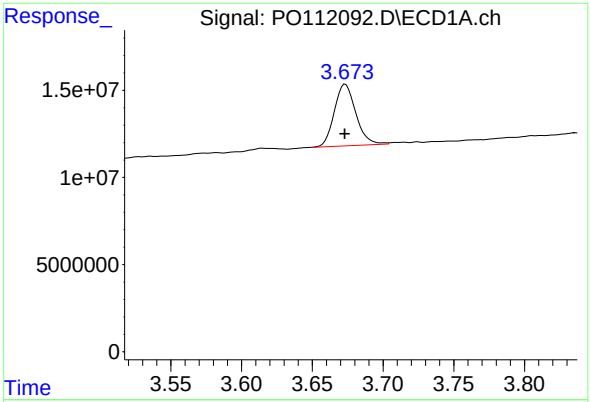
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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







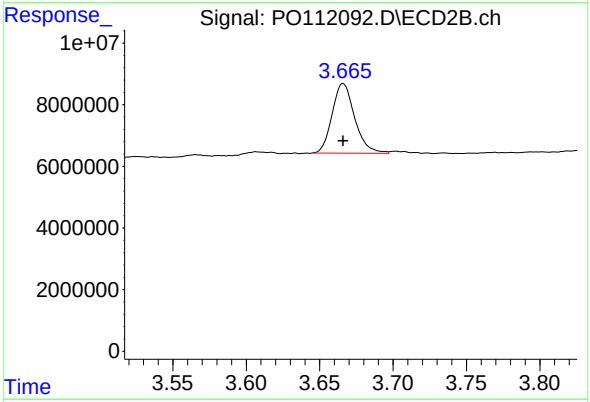
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 37442397
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

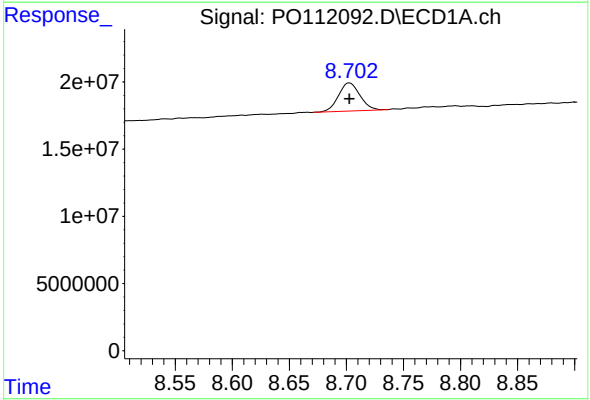
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



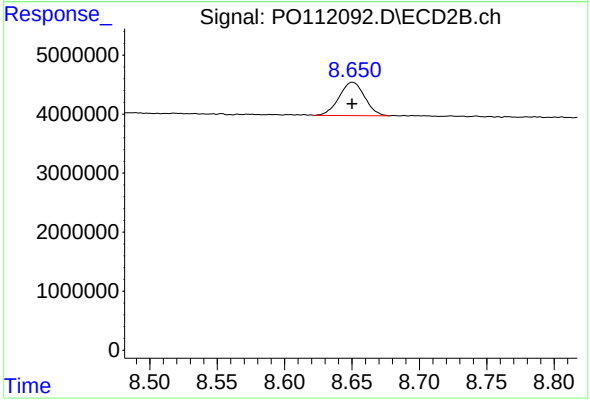
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 24163066
Conc: 3.79 ng/ml



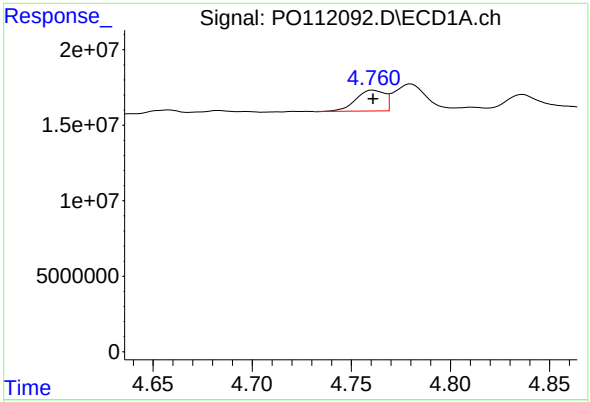
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 27391770
Conc: 4.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 7510514
Conc: 4.35 ng/ml m



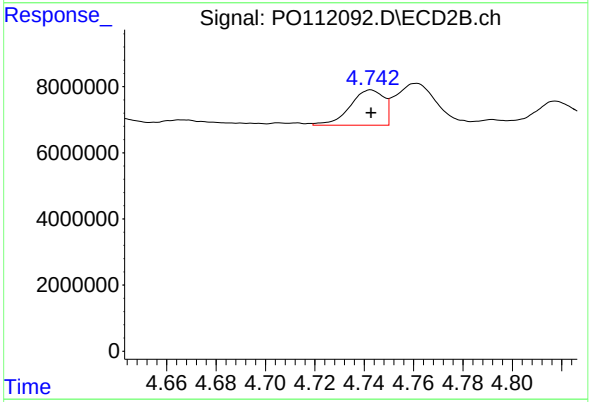
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 13802015
Conc: 40.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

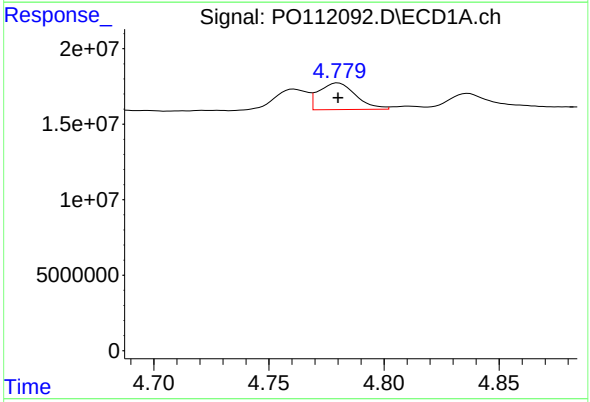
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



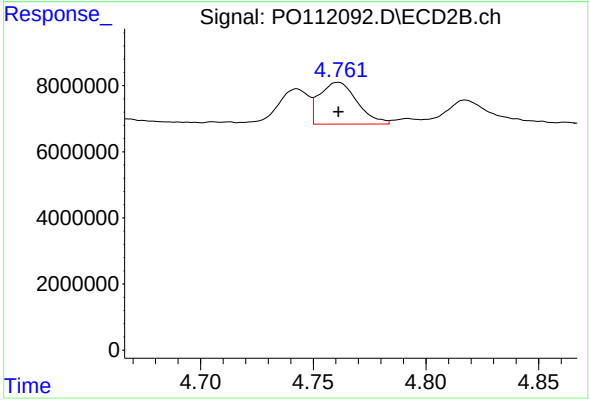
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 10149679
Conc: 45.55 ng/ml



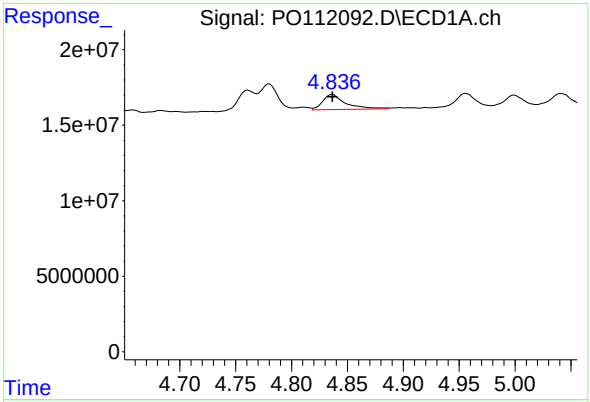
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 19790298
Conc: 39.80 ng/ml



#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 14662938
Conc: 44.55 ng/ml



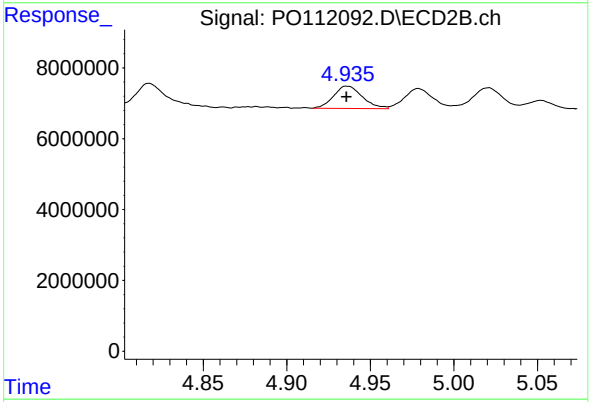
#5 AR-1016-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 14195524
Conc: 43.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

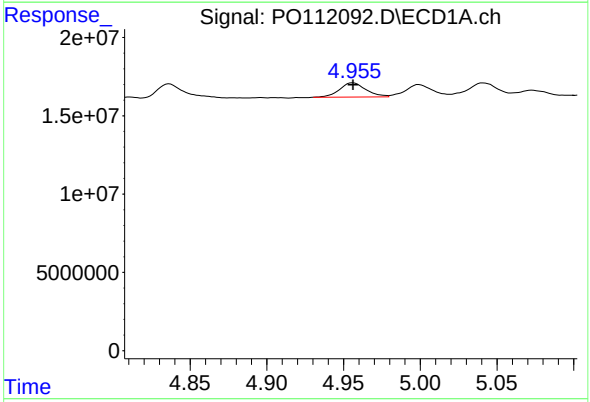
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



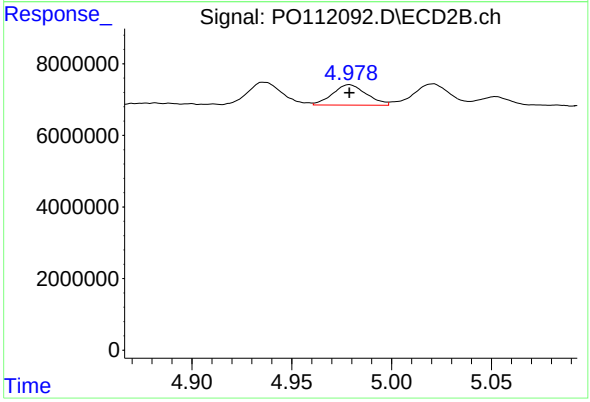
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 7549659
Conc: 44.44 ng/ml



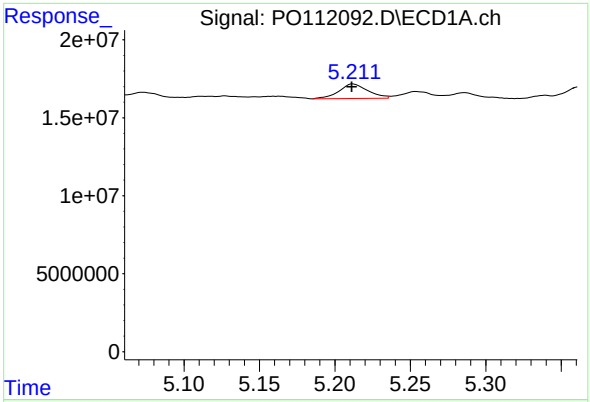
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 10940244
Conc: 42.60 ng/ml



#6 AR-1016-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 6781238
Conc: 49.42 ng/ml



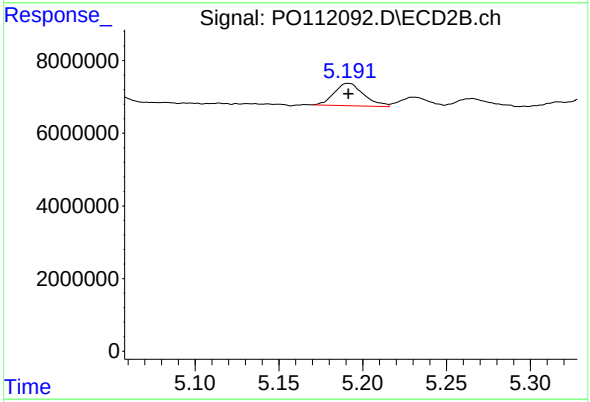
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 12423751
Conc: 45.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

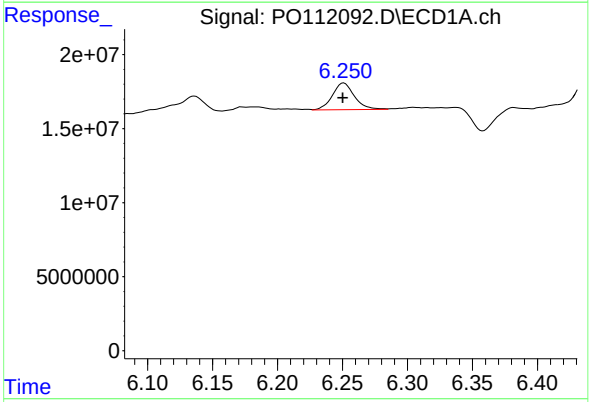
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



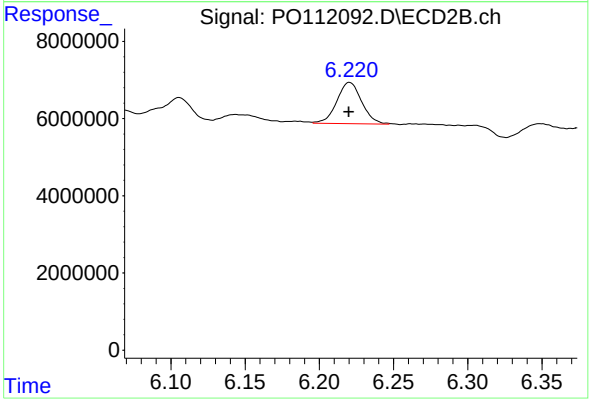
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 7528374
Conc: 43.66 ng/ml



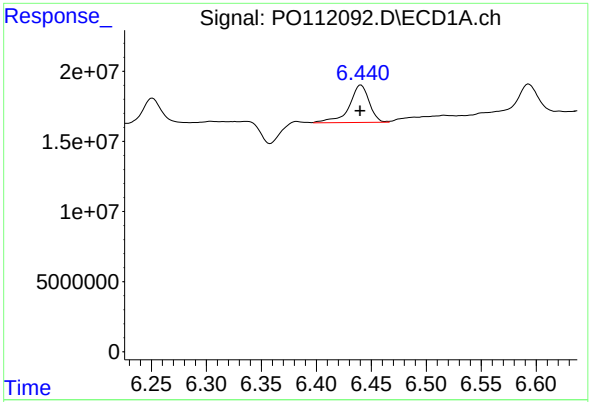
#31 AR-1260-1

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 21371774
Conc: 42.84 ng/ml m



#31 AR-1260-1

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 12495016
Conc: 44.58 ng/ml m



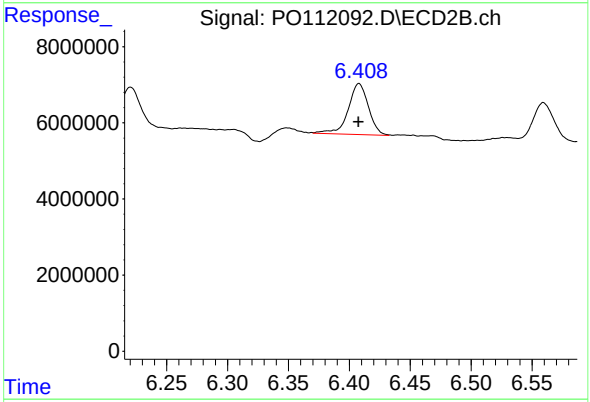
#32 AR-1260-2

R.T.: 6.440 min
Delta R.T.: 0.000 min
Response: 33970556
Conc: 46.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

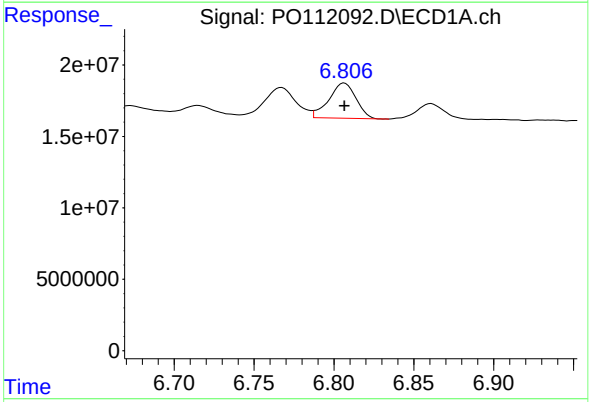
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



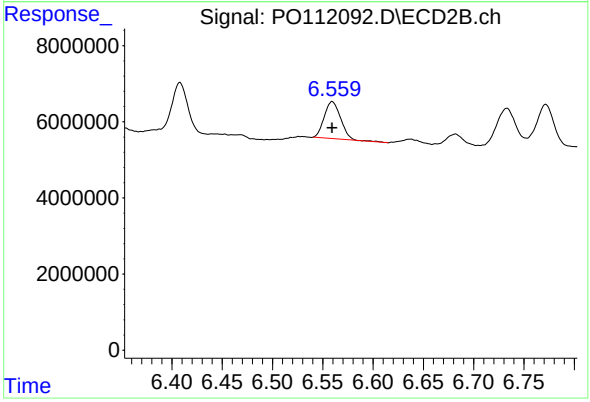
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 15459479
Conc: 45.39 ng/ml m



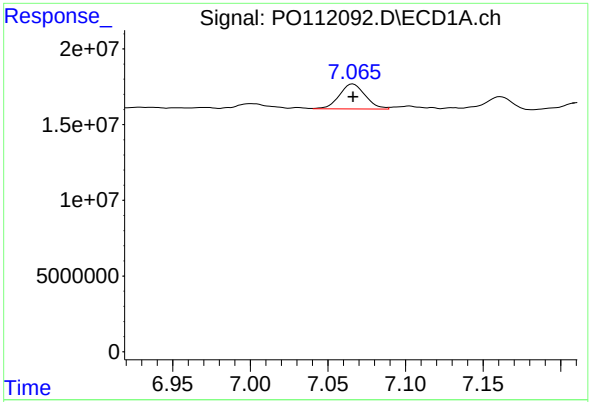
#33 AR-1260-3

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 29007819
Conc: 44.25 ng/ml



#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 11088040
Conc: 40.23 ng/ml



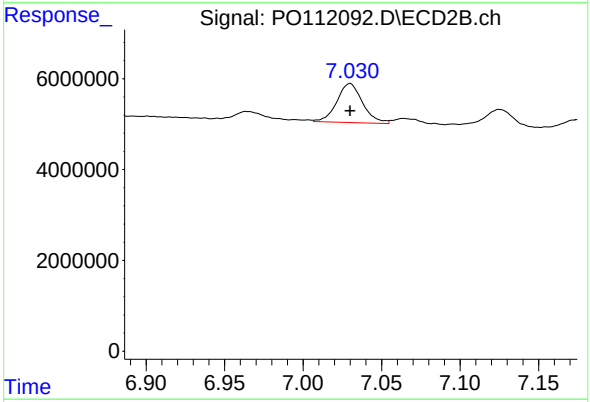
#34 AR-1260-4

R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 19317003
Conc: 44.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

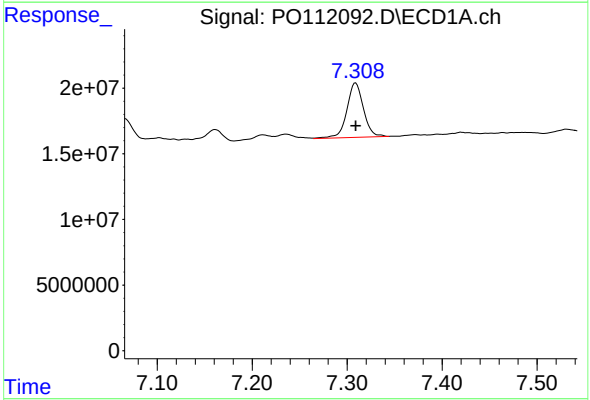
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



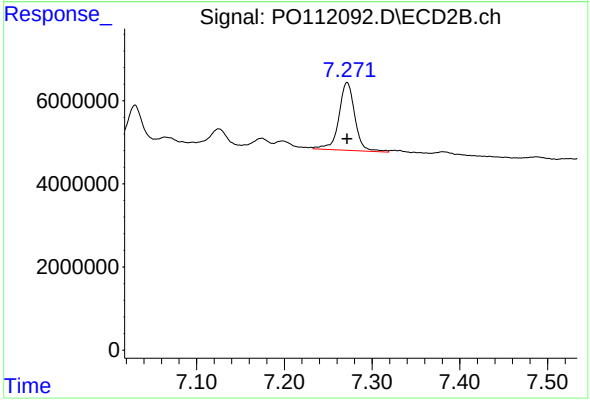
#34 AR-1260-4

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 9814007
Conc: 48.91 ng/ml



#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 50382935
Conc: 39.91 ng/ml



#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 20576692
Conc: 45.96 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:38
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	491.3E6	310.8E6	50.000	50.000
2)	SA Decachlor...	8.701	8.649	354.6E6	89358669	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.883	3.875	58306973	41147512	500.000	500.000
9)	L2 AR-1221-2	3.969	3.960	39420252	29676775	500.000	500.000
10)	L2 AR-1221-3	4.045	4.036	134.8E6	94388324	500.000	500.000

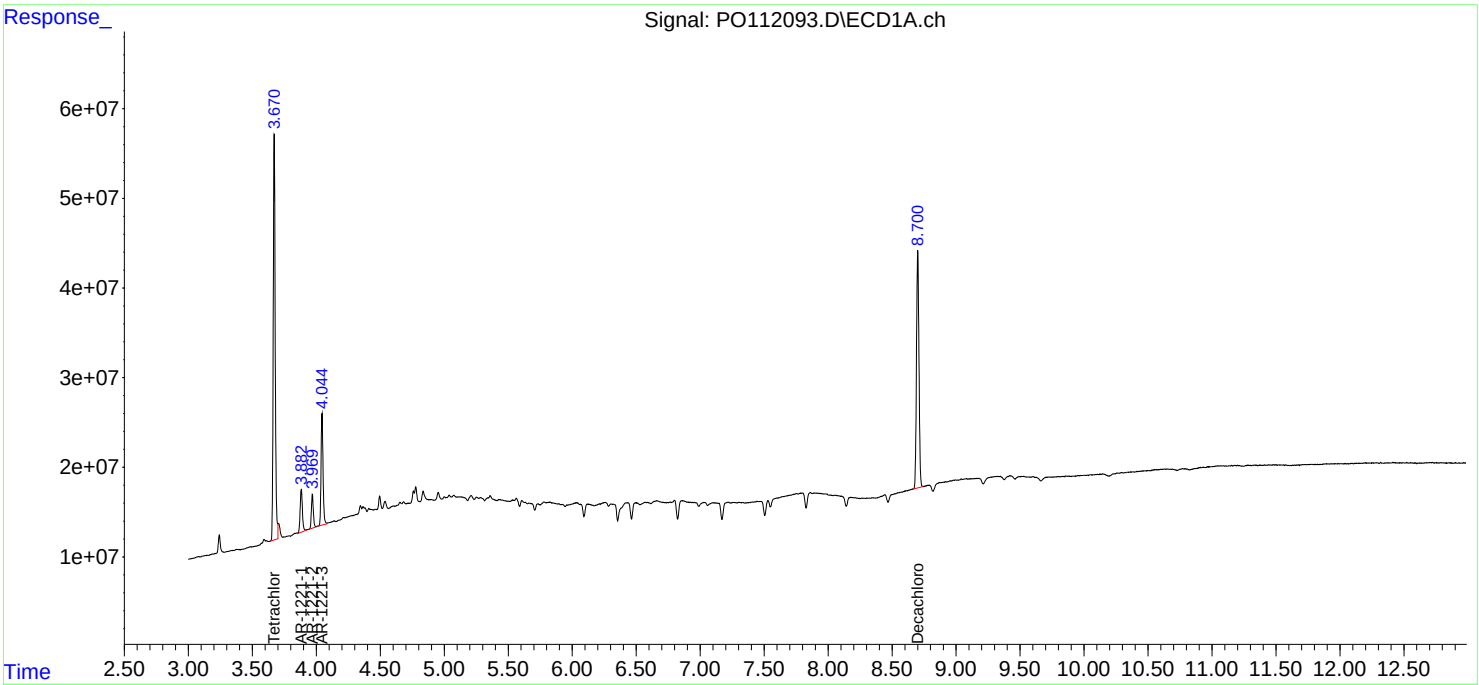
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

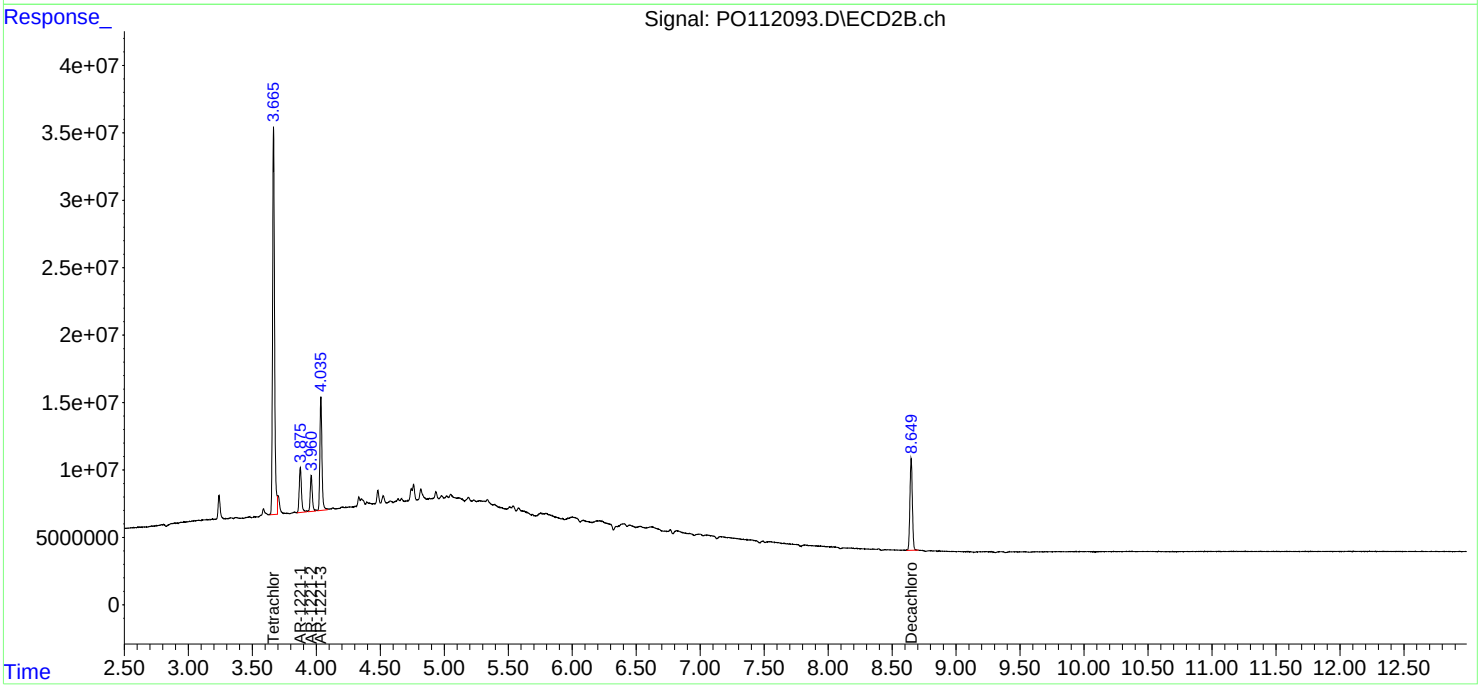
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:38
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

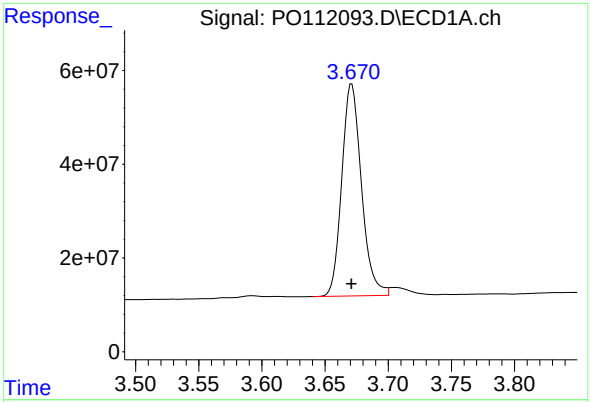
Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:08:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



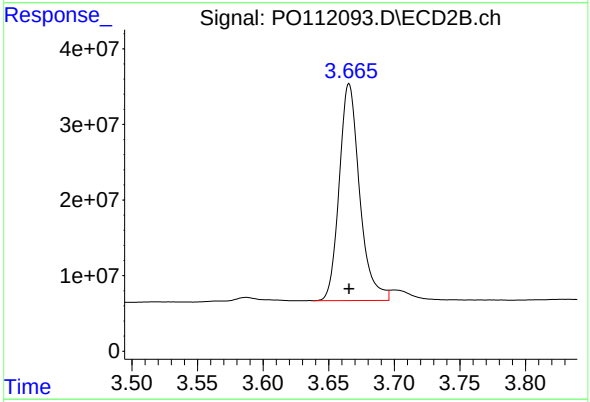




#1 Tetrachloro-m-xylene

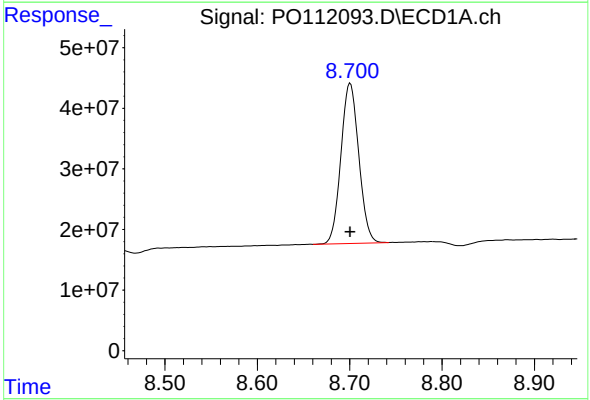
R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 491308255
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



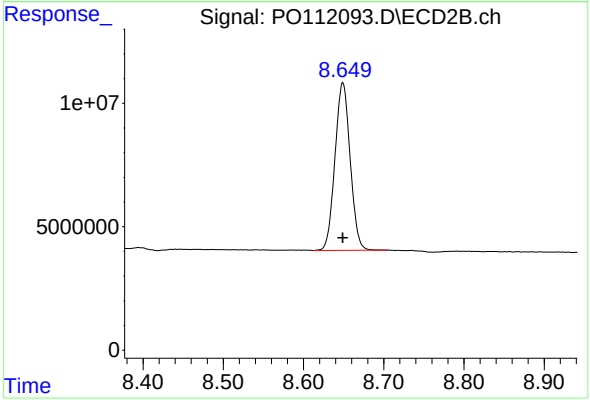
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 310794942
Conc: 50.00 ng/ml



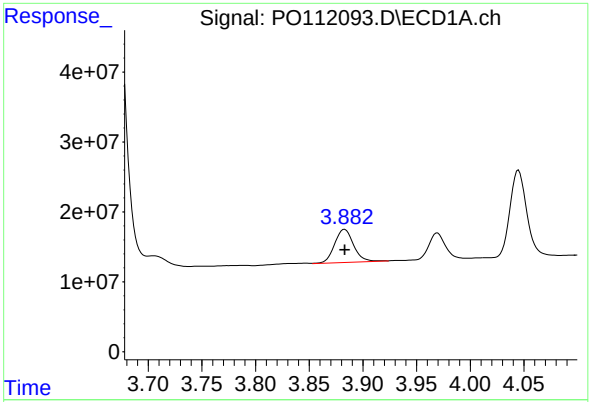
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 354582449
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

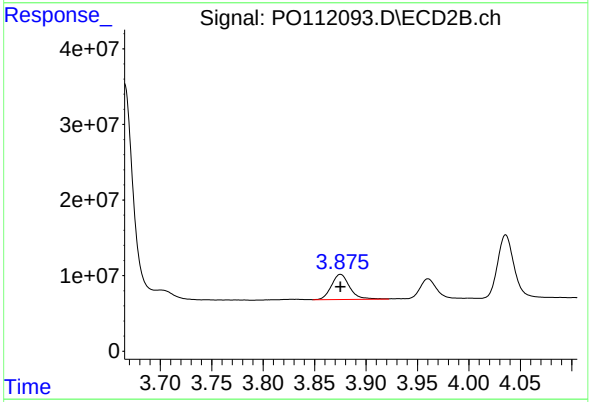
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 89358669
Conc: 50.00 ng/ml



#8 AR-1221-1

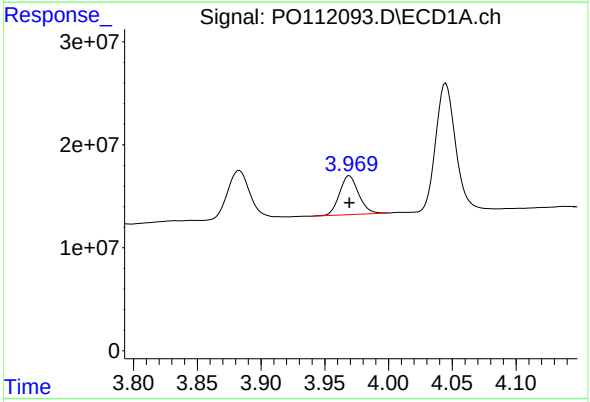
R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 58306973
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



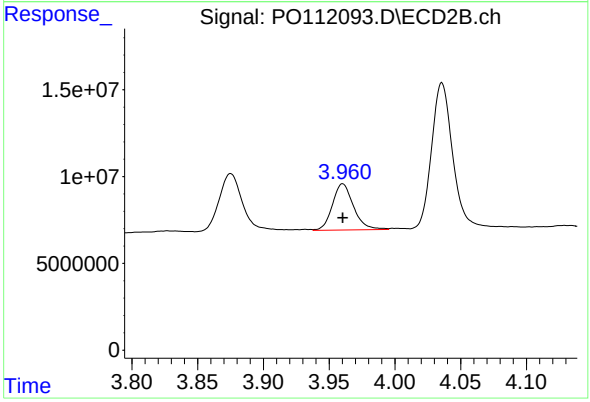
#8 AR-1221-1

R.T.: 3.875 min
Delta R.T.: 0.000 min
Response: 41147512
Conc: 500.00 ng/ml



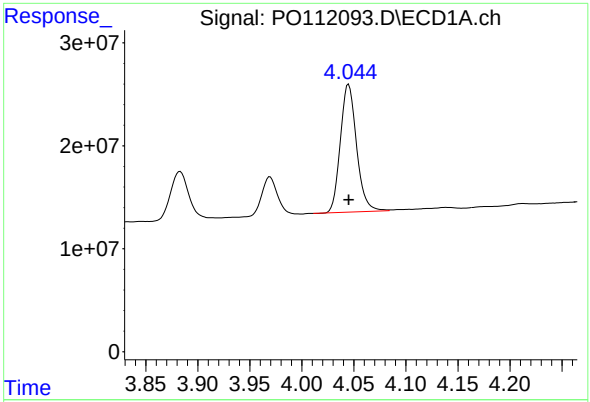
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 39420252
Conc: 500.00 ng/ml



#9 AR-1221-2

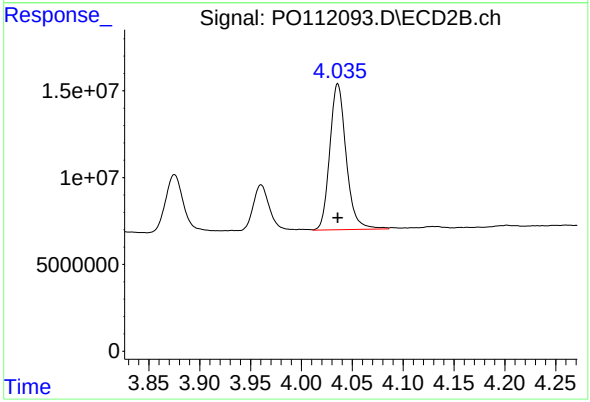
R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 29676775
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 134790876
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 94388324
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:57
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:18:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.667	508.1E6	328.2E6	50.000	50.000
2)	SA Decachlor...	8.703	8.649	348.2E6	88061507	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.047	4.036	107.3E6	75049686	500.000	500.000
12)	L3 AR-1232-2	4.539	4.761	56818484	76542867	500.000	500.000
13)	L3 AR-1232-3	4.780	4.936	114.5E6	37753016	500.000	500.000
14)	L3 AR-1232-4	4.956	5.021	57148344	32994097	500.000	500.000
15)	L3 AR-1232-5	4.999	5.191	36700121	37129963	500.000	500.000

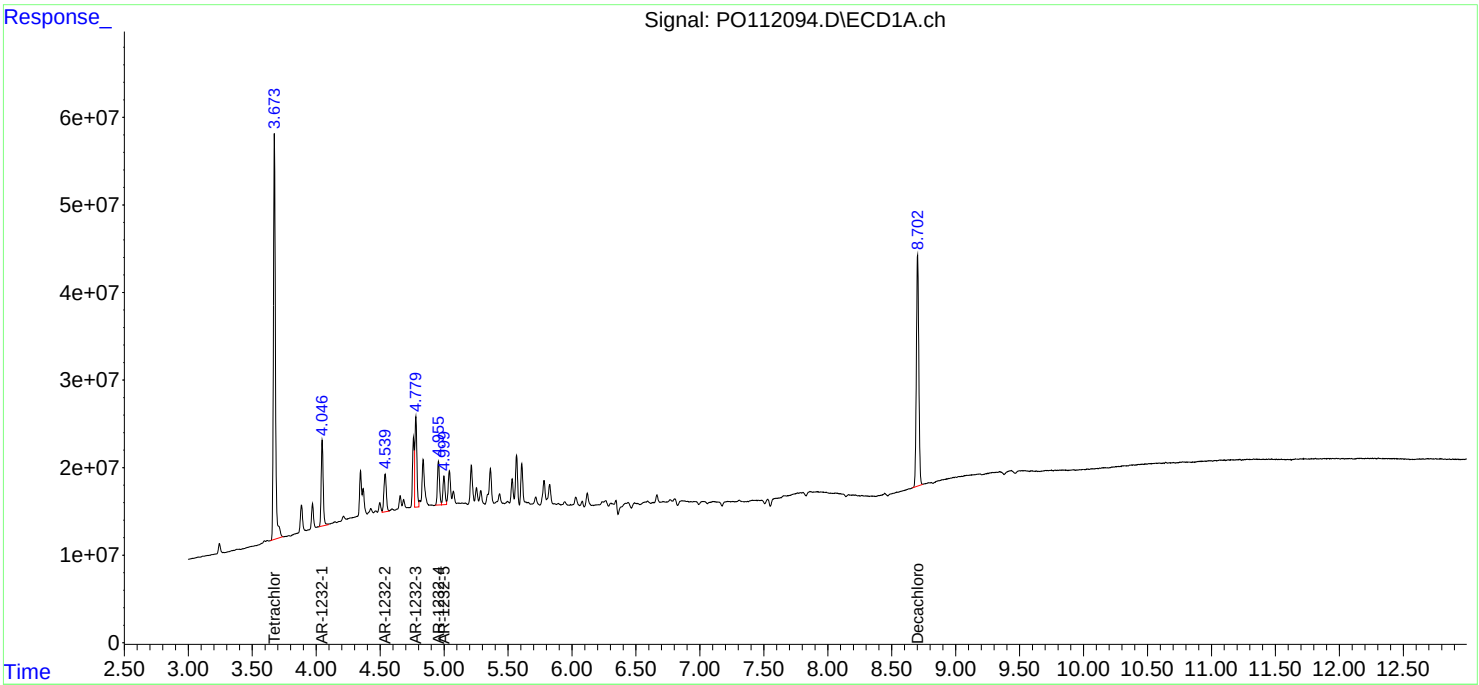
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

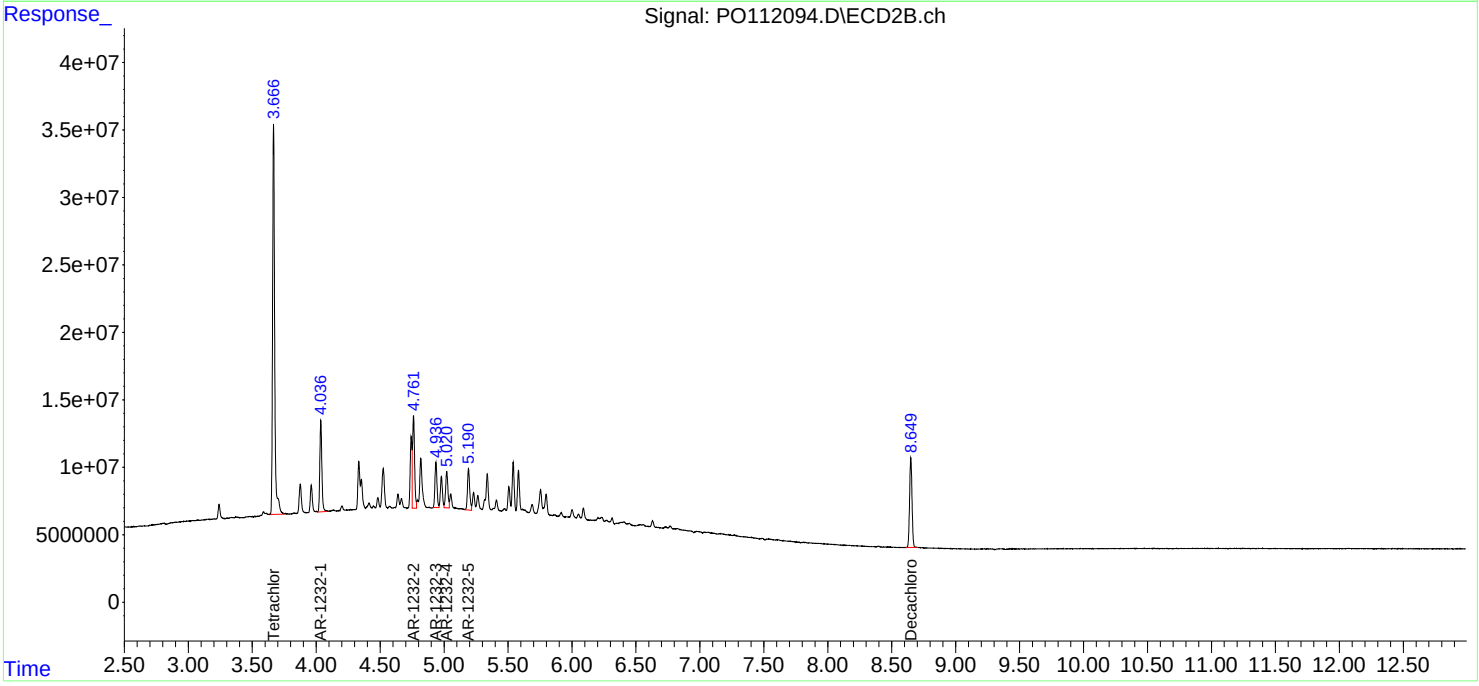
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:57
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

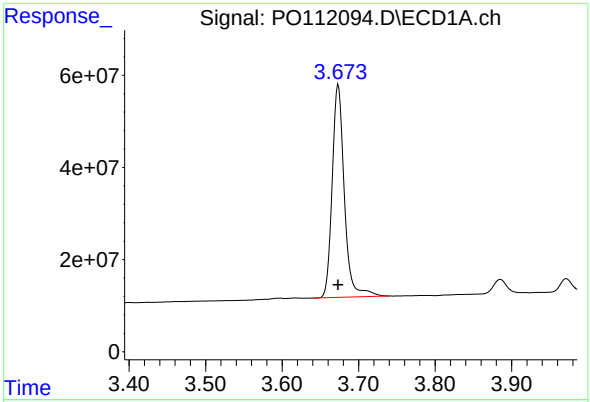
Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:18:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



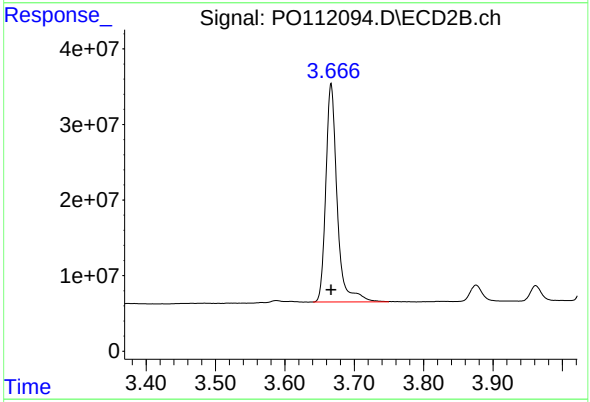




#1 Tetrachloro-m-xylene

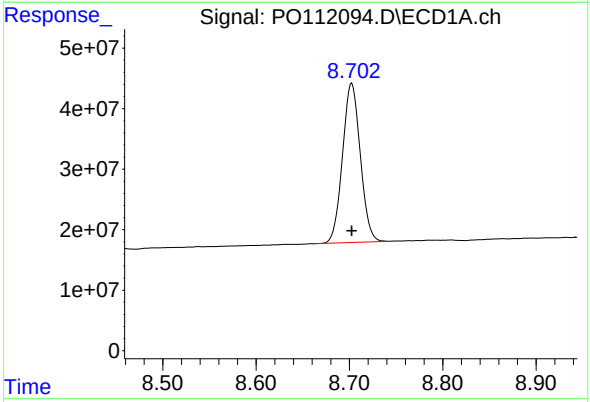
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 508090487
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



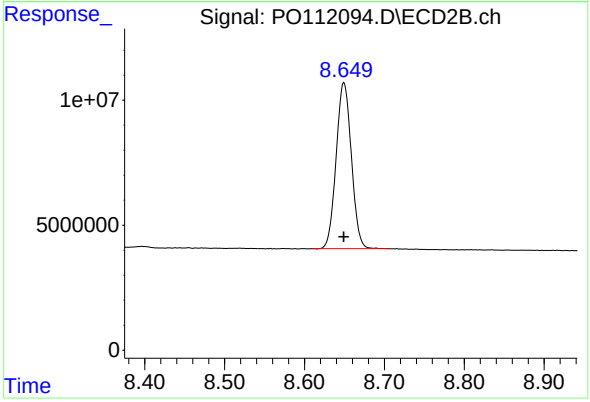
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 328240519
Conc: 50.00 ng/ml



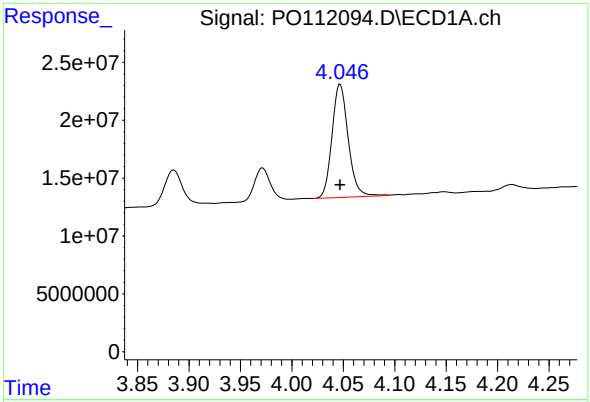
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 348200291
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

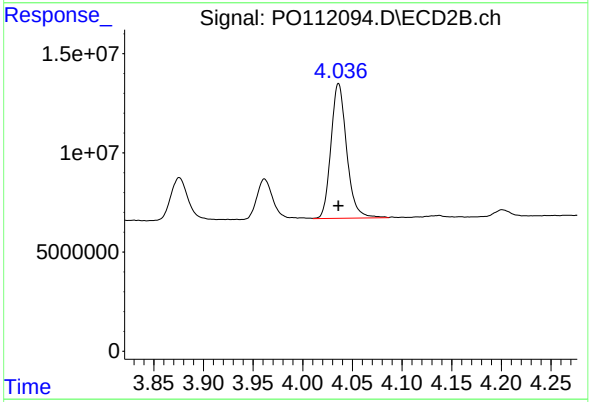
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 88061507
Conc: 50.00 ng/ml



#11 AR-1232-1

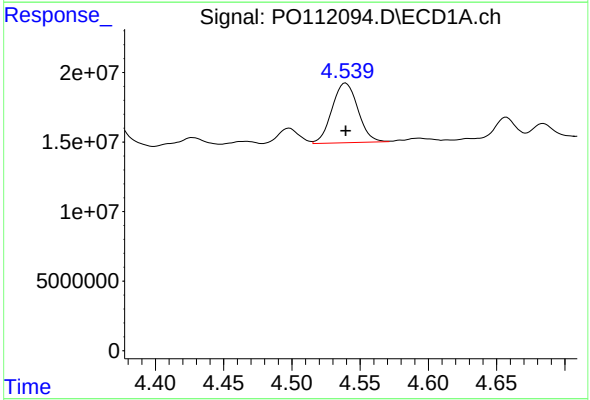
R.T.: 4.047 min
Delta R.T.: 0.000 min
Response: 107333865
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



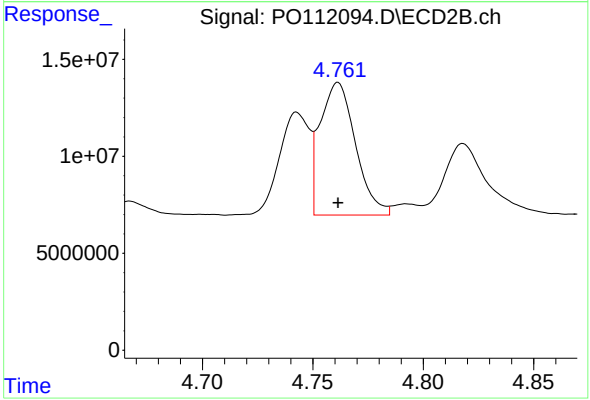
#11 AR-1232-1

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 75049686
Conc: 500.00 ng/ml



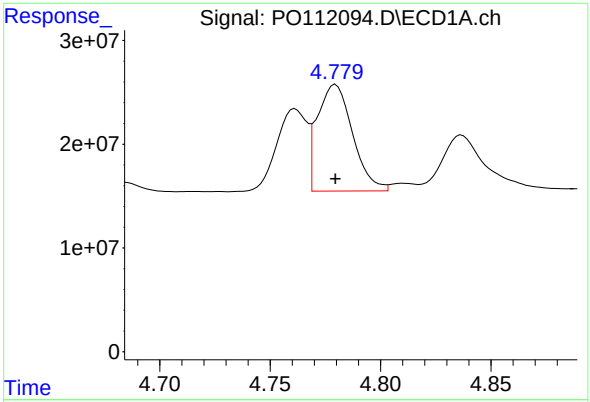
#12 AR-1232-2

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 56818484
Conc: 500.00 ng/ml



#12 AR-1232-2

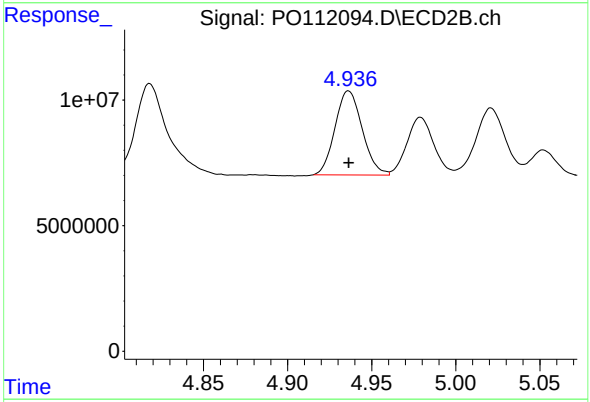
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 76542867
Conc: 500.00 ng/ml



#13 AR-1232-3

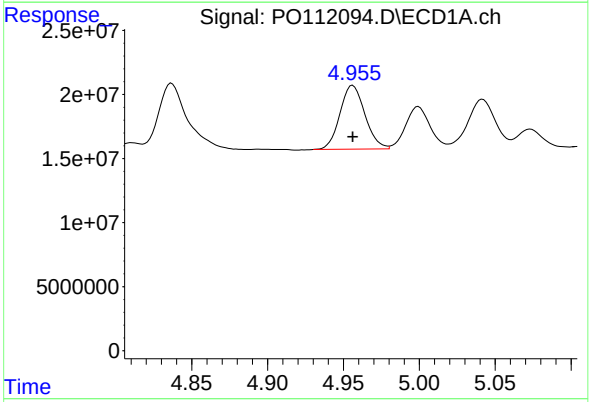
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 114504426
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



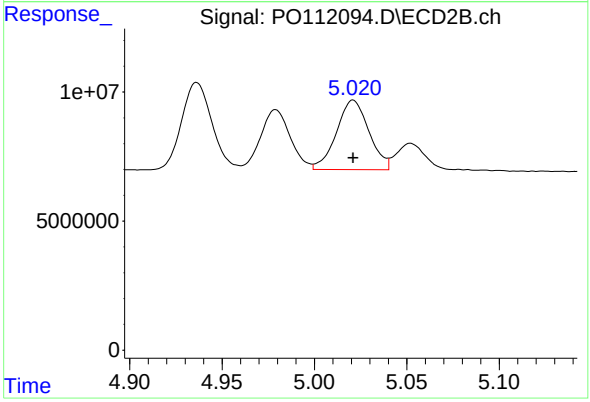
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 37753016
Conc: 500.00 ng/ml



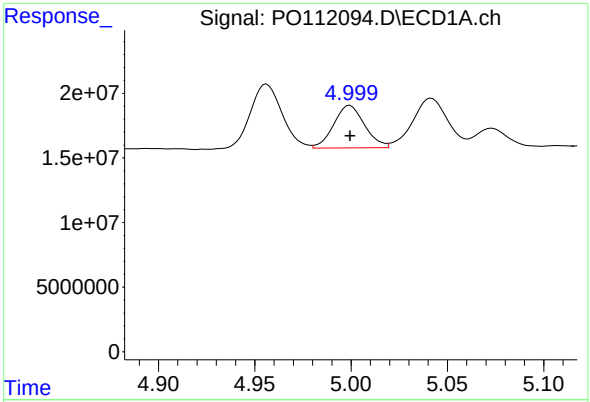
#14 AR-1232-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 57148344
Conc: 500.00 ng/ml



#14 AR-1232-4

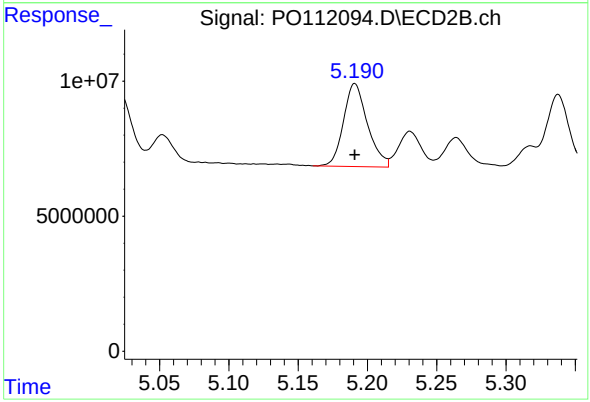
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 32994097
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 36700121
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 37129963
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:15
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.667	1004.8E6	640.9E6	95.343	95.216
2)	SA Decachlor...	8.703	8.651	698.0E6	169.5E6	97.460	94.180
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.744	285.0E6	180.6E6	941.908	920.490
17)	L4 AR-1242-2	4.780	4.762	425.0E6	267.1E6	945.333	925.046
18)	L4 AR-1242-3	4.837	4.937	267.3E6	139.4E6	930.232	929.182
19)	L4 AR-1242-4	4.957	5.022	217.5E6	132.6E6	938.623	923.575
20)	L4 AR-1242-5	5.608	5.541	218.4E6	169.3E6	972.805	904.772

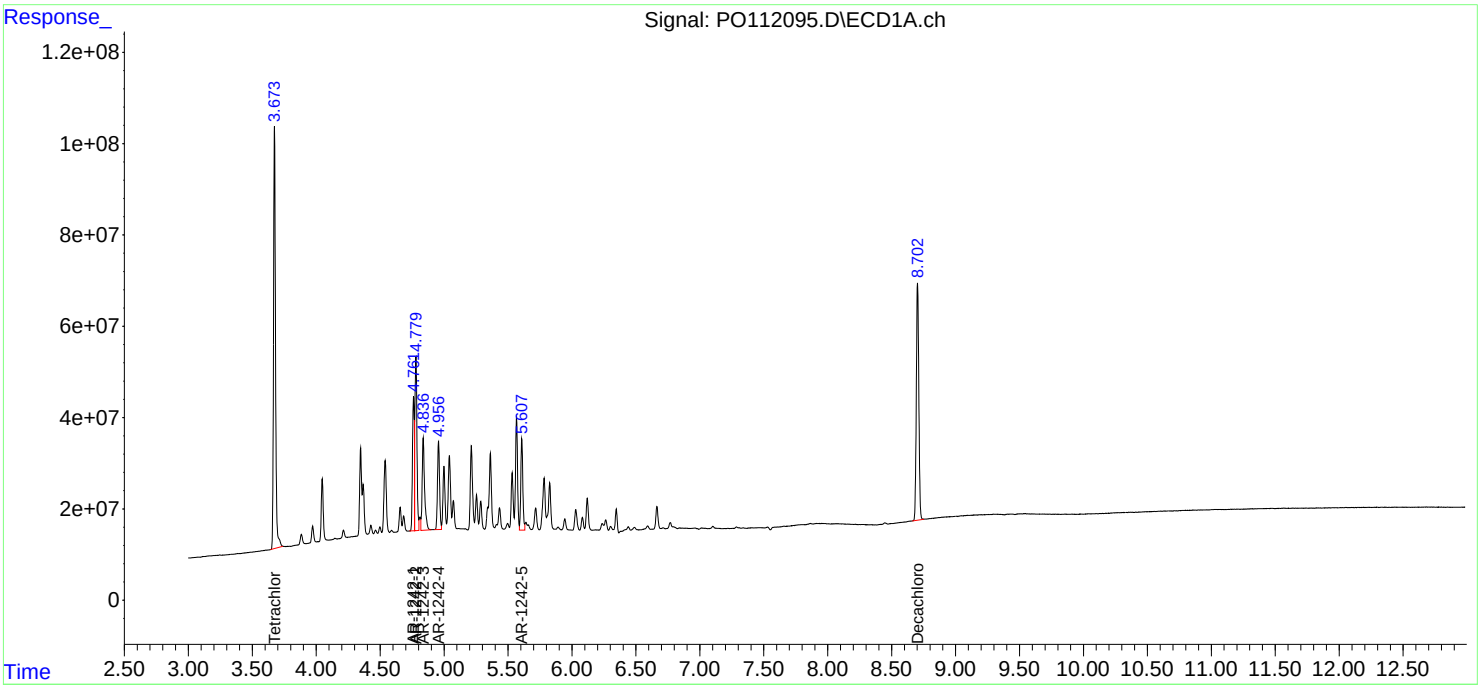
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

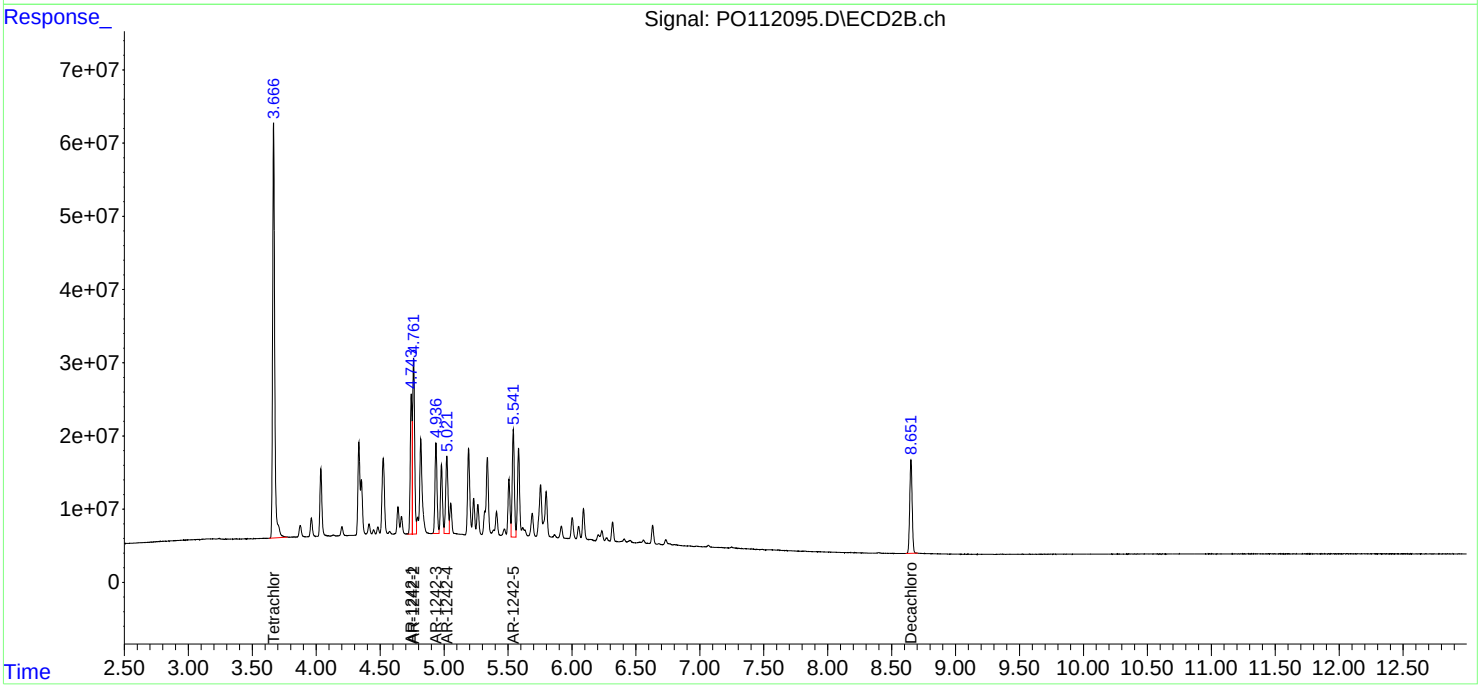
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:15
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

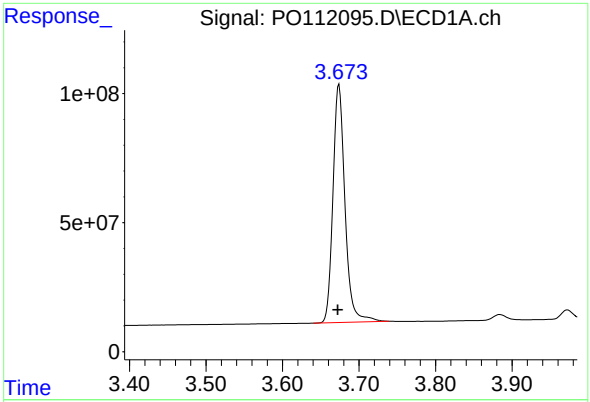
Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



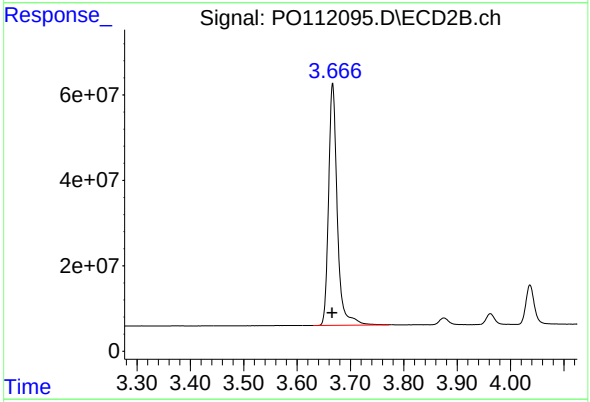




#1 Tetrachloro-m-xylene

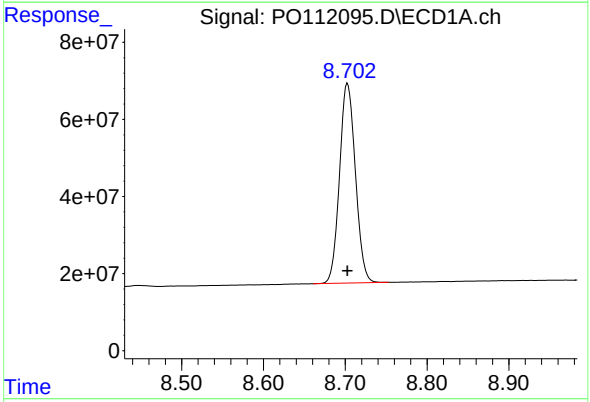
R.T.: 3.674 min
Delta R.T.: 0.002 min
Response: 1004763356
Conc: 95.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



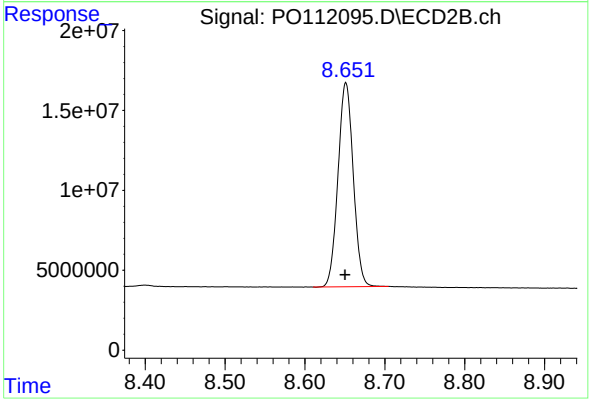
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.001 min
Response: 640869487
Conc: 95.22 ng/ml



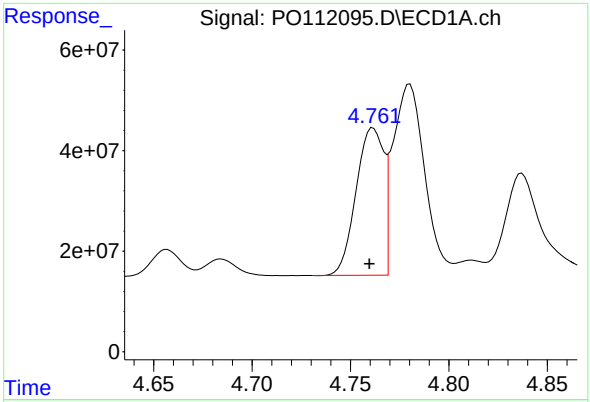
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 697996912
Conc: 97.46 ng/ml



#2 Decachlorobiphenyl

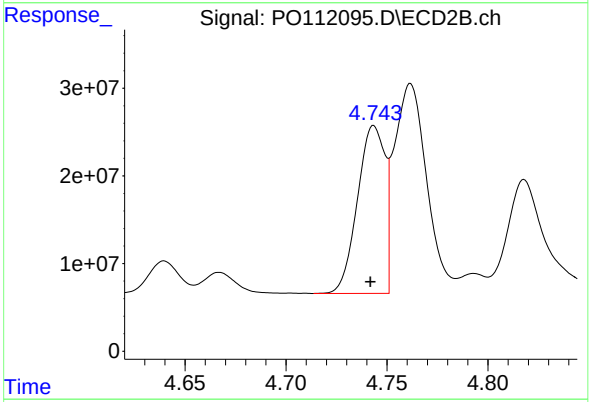
R.T.: 8.651 min
Delta R.T.: 0.001 min
Response: 169498593
Conc: 94.18 ng/ml



#16 AR-1242-1

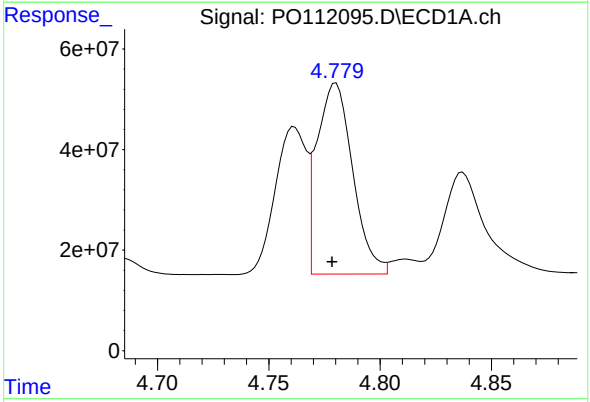
R.T.: 4.761 min
Delta R.T.: 0.002 min
Response: 285009923
Conc: 941.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



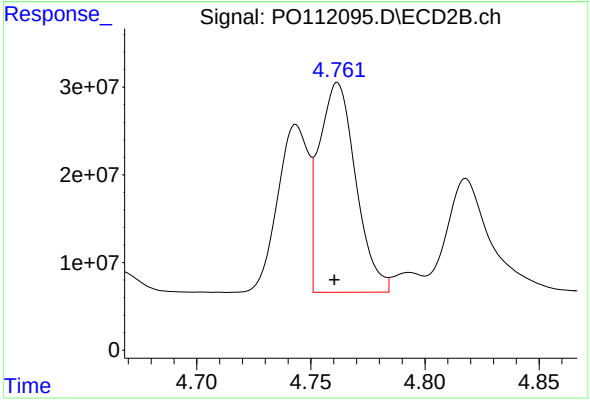
#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 180558203
Conc: 920.49 ng/ml



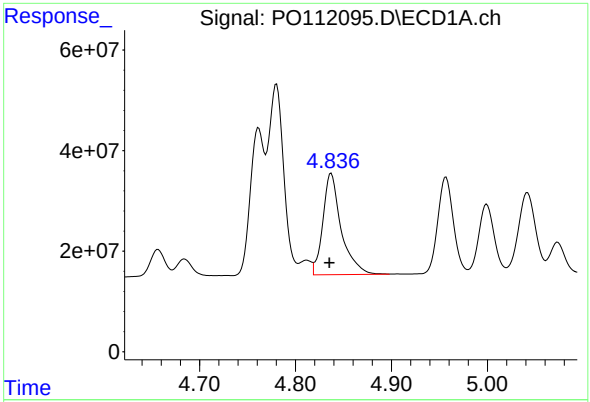
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 424985528
Conc: 945.33 ng/ml



#17 AR-1242-2

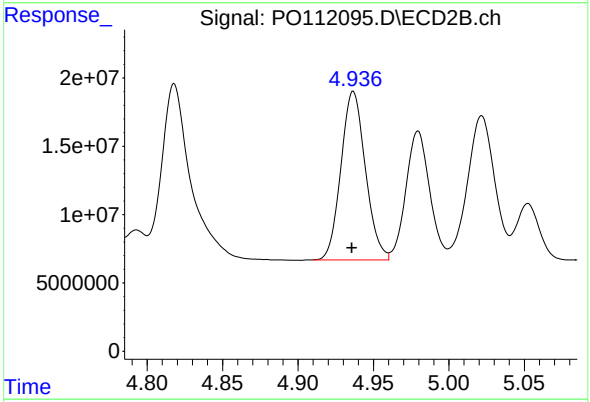
R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 267145812
Conc: 925.05 ng/ml



#18 AR-1242-3

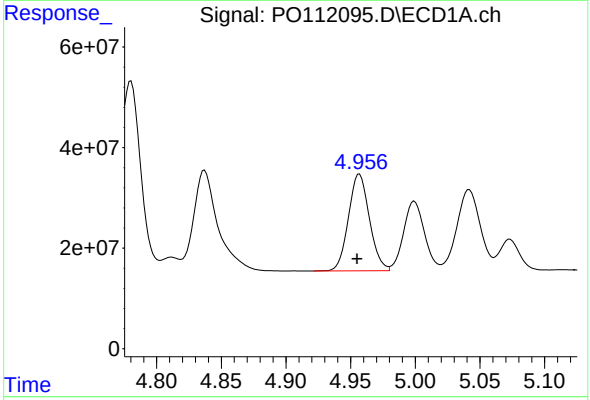
R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 267327438
Conc: 930.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



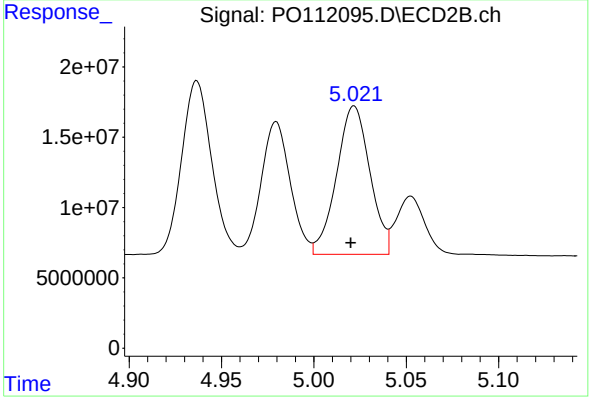
#18 AR-1242-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 139388587
Conc: 929.18 ng/ml



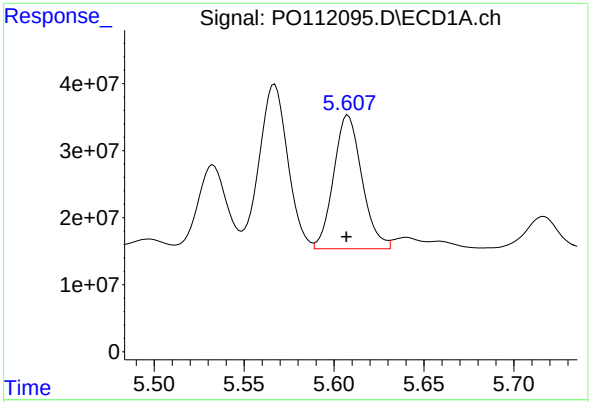
#19 AR-1242-4

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 217524144
Conc: 938.62 ng/ml



#19 AR-1242-4

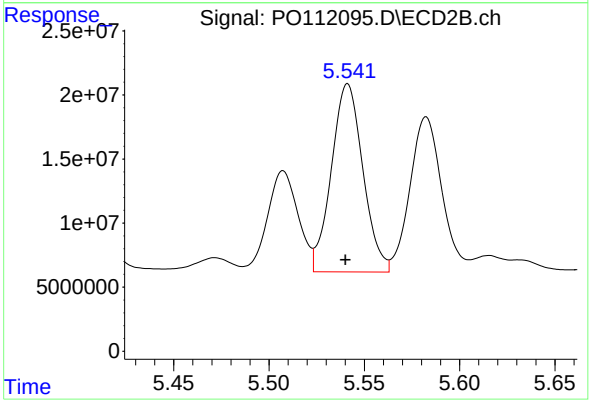
R.T.: 5.022 min
Delta R.T.: 0.002 min
Response: 132647733
Conc: 923.58 ng/ml



#20 AR-1242-5

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 218416651
Conc: 972.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 169256952
Conc: 904.77 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:34
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	806.4E6	515.4E6	76.520	76.575
2)	SA Decachlor...	8.704	8.650	536.1E6	132.4E6	74.848	73.593
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.743	229.3E6	145.7E6	757.886	742.820
17)	L4 AR-1242-2	4.780	4.761	338.7E6	214.4E6	753.331	742.460
18)	L4 AR-1242-3	4.837	4.936	213.9E6	112.4E6	744.270	749.423
19)	L4 AR-1242-4	4.956	5.021	174.1E6	106.9E6	751.378	744.191
20)	L4 AR-1242-5	5.608	5.540	174.3E6	136.6E6	776.440	729.978

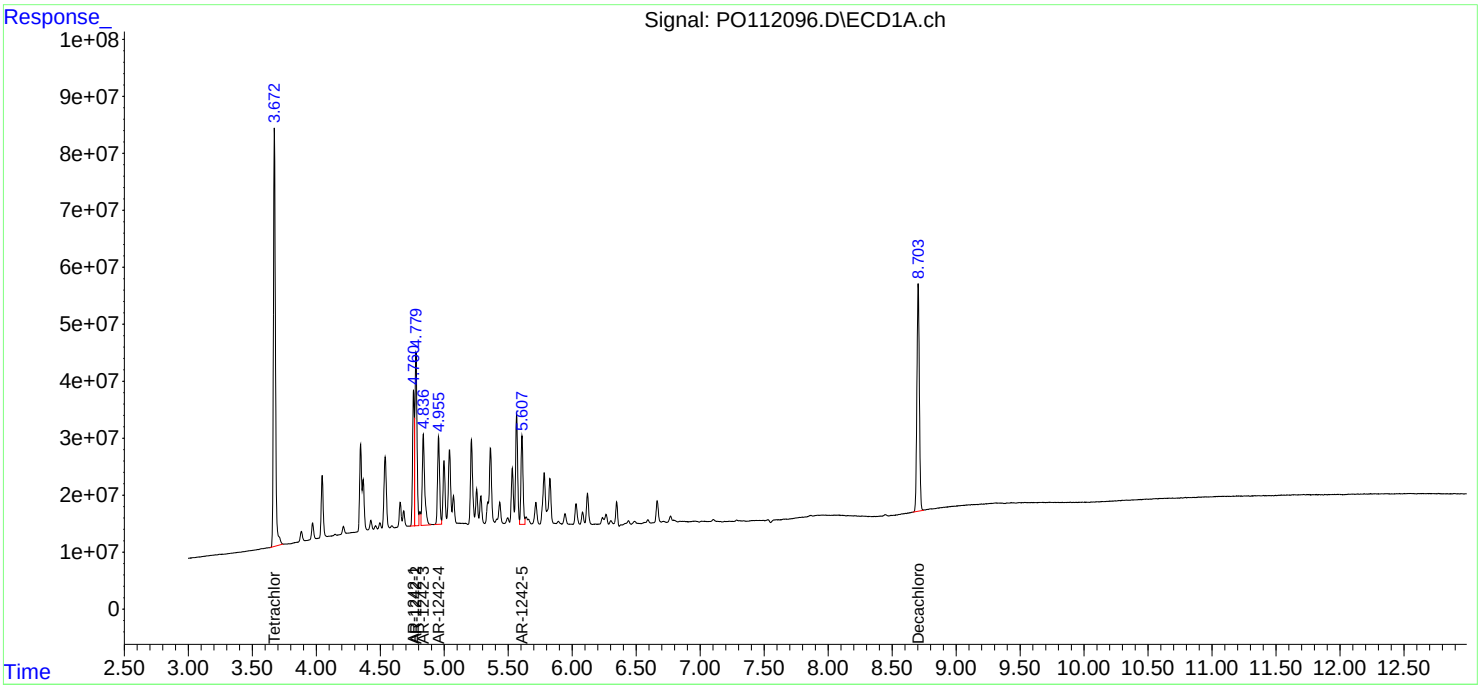
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

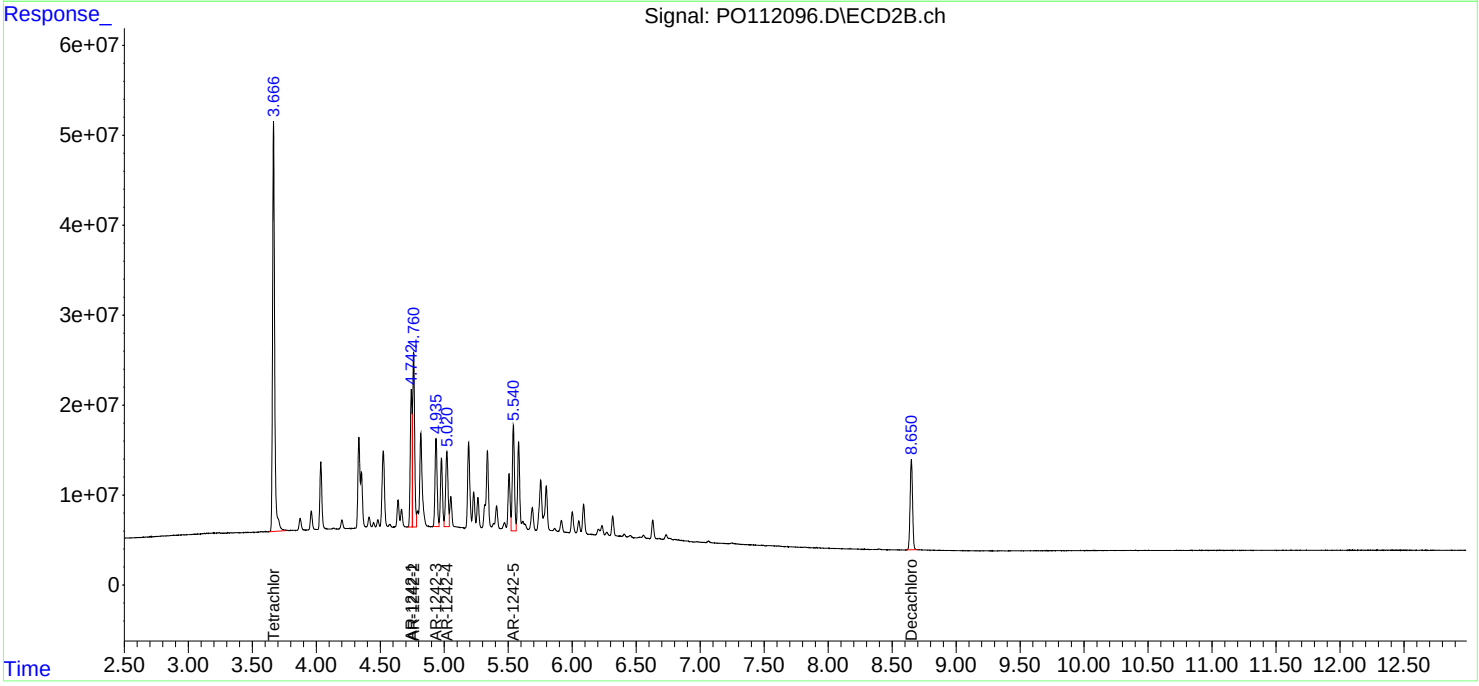
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:34
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

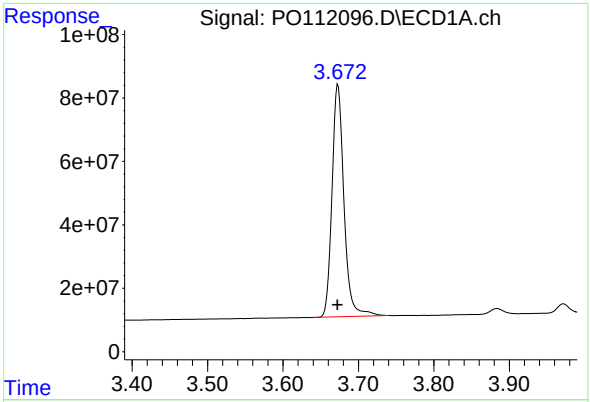
Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



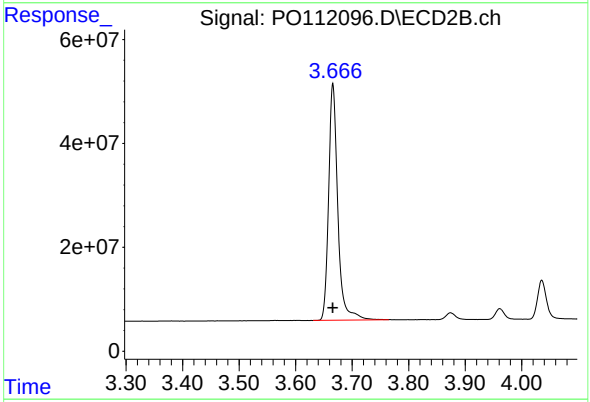




#1 Tetrachloro-m-xylene

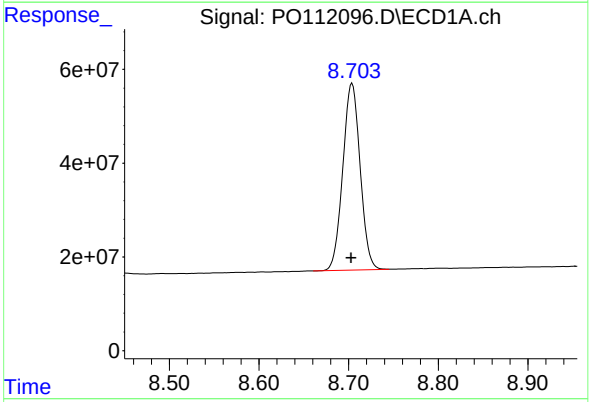
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 806402483
Conc: 76.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



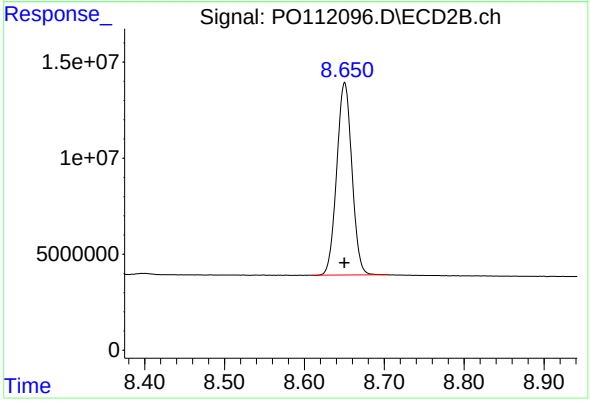
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 515402675
Conc: 76.57 ng/ml



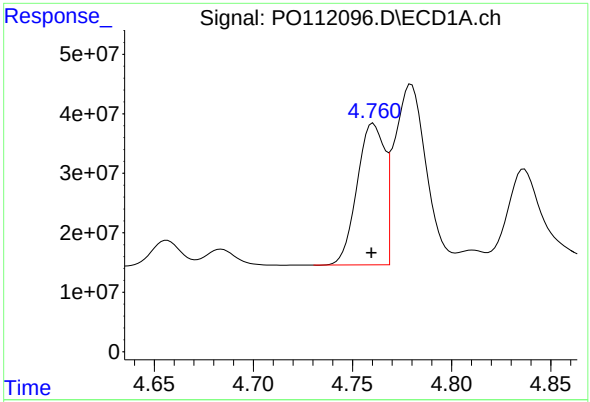
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.001 min
Response: 536055523
Conc: 74.85 ng/ml



#2 Decachlorobiphenyl

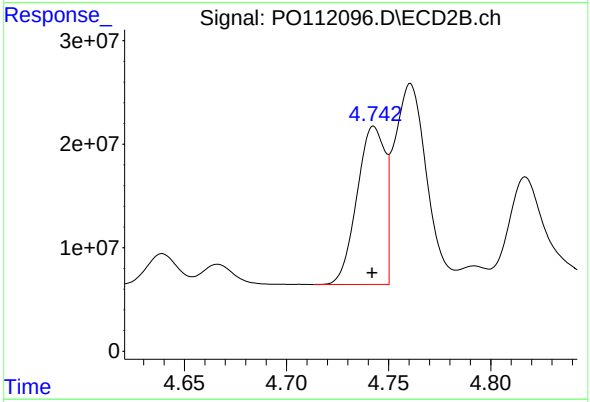
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 132448036
Conc: 73.59 ng/ml



#16 AR-1242-1

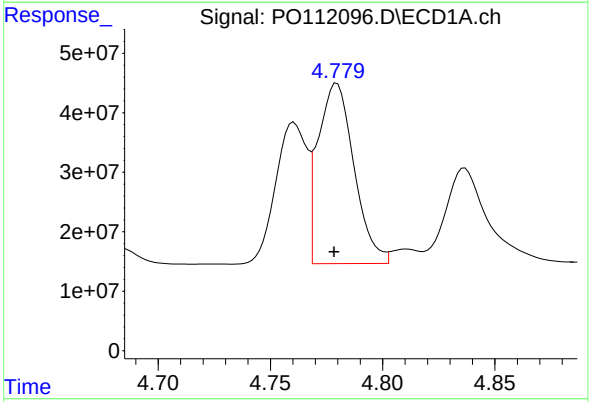
R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 229327263
Conc: 757.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



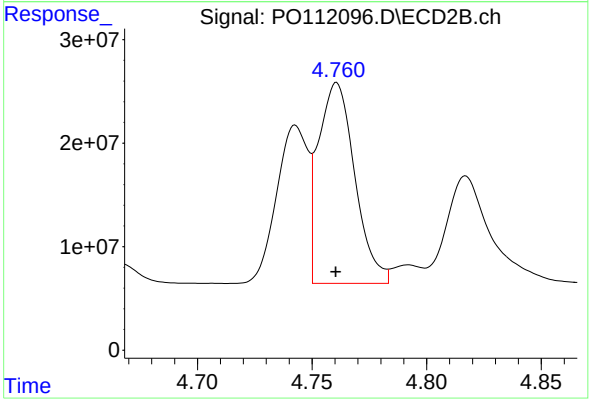
#16 AR-1242-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 145707357
Conc: 742.82 ng/ml



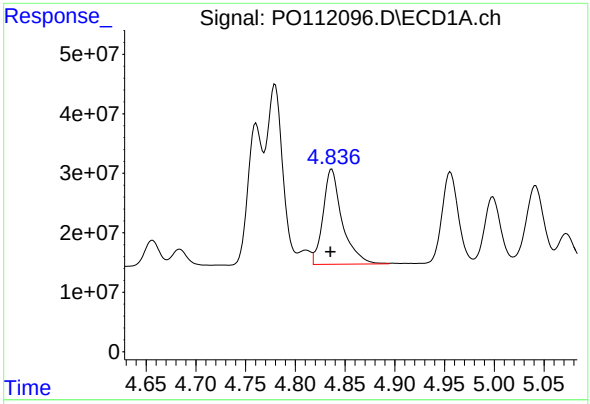
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 338668755
Conc: 753.33 ng/ml



#17 AR-1242-2

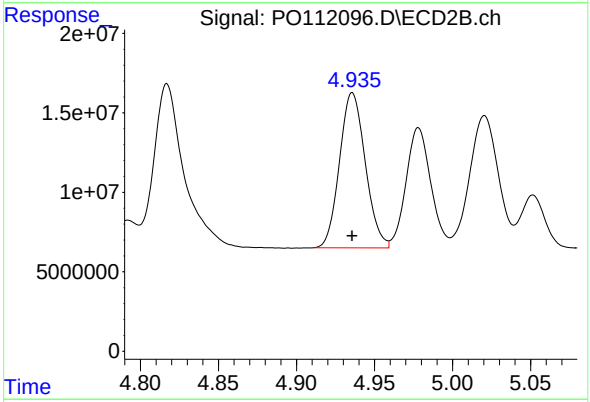
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 214416419
Conc: 742.46 ng/ml



#18 AR-1242-3

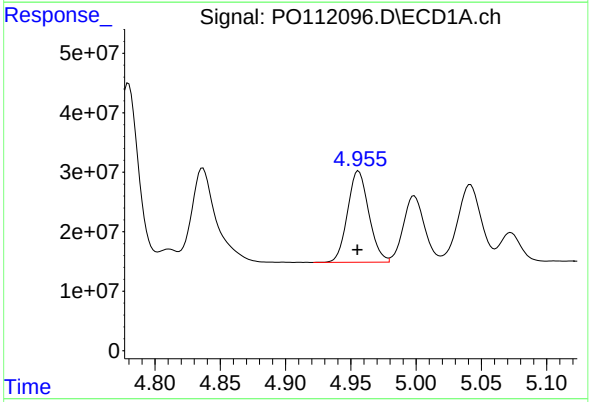
R.T.: 4.837 min
Delta R.T.: 0.001 min
Response: 213886334
Conc: 744.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



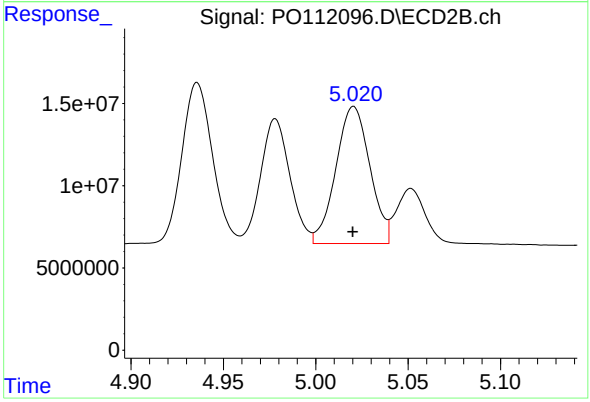
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 112422531
Conc: 749.42 ng/ml



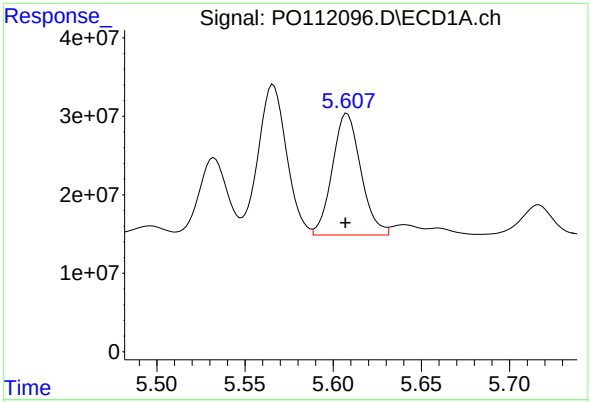
#19 AR-1242-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 174130485
Conc: 751.38 ng/ml



#19 AR-1242-4

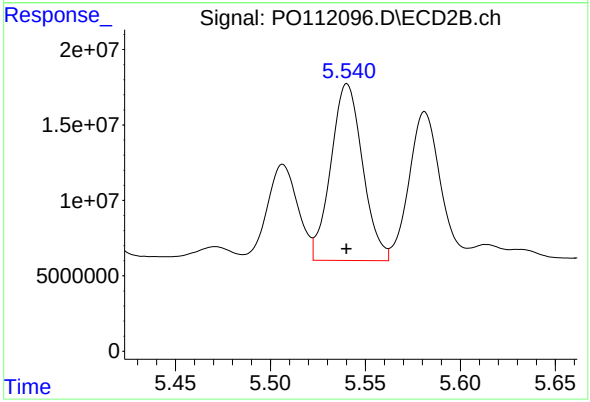
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 106883873
Conc: 744.19 ng/ml



#20 AR-1242-5

R.T.: 5.608 min
Delta R.T.: 0.001 min
Response: 174328144
Conc: 776.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 136558108
Conc: 729.98 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:52
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	526.9E6	336.5E6	50.000	50.000
2)	SA Decachlor...	8.703	8.650	358.1E6	89986417	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.760	4.742	151.3E6	98077221	500.000	500.000
17)	L4 AR-1242-2	4.778	4.760	224.8E6	144.4E6	500.000	500.000
18)	L4 AR-1242-3	4.835	4.936	143.7E6	75006072	500.000	500.000
19)	L4 AR-1242-4	4.955	5.020	115.9E6	71812102	500.000	500.000
20)	L4 AR-1242-5	5.607	5.540	112.3E6	93535709	500.000	500.000

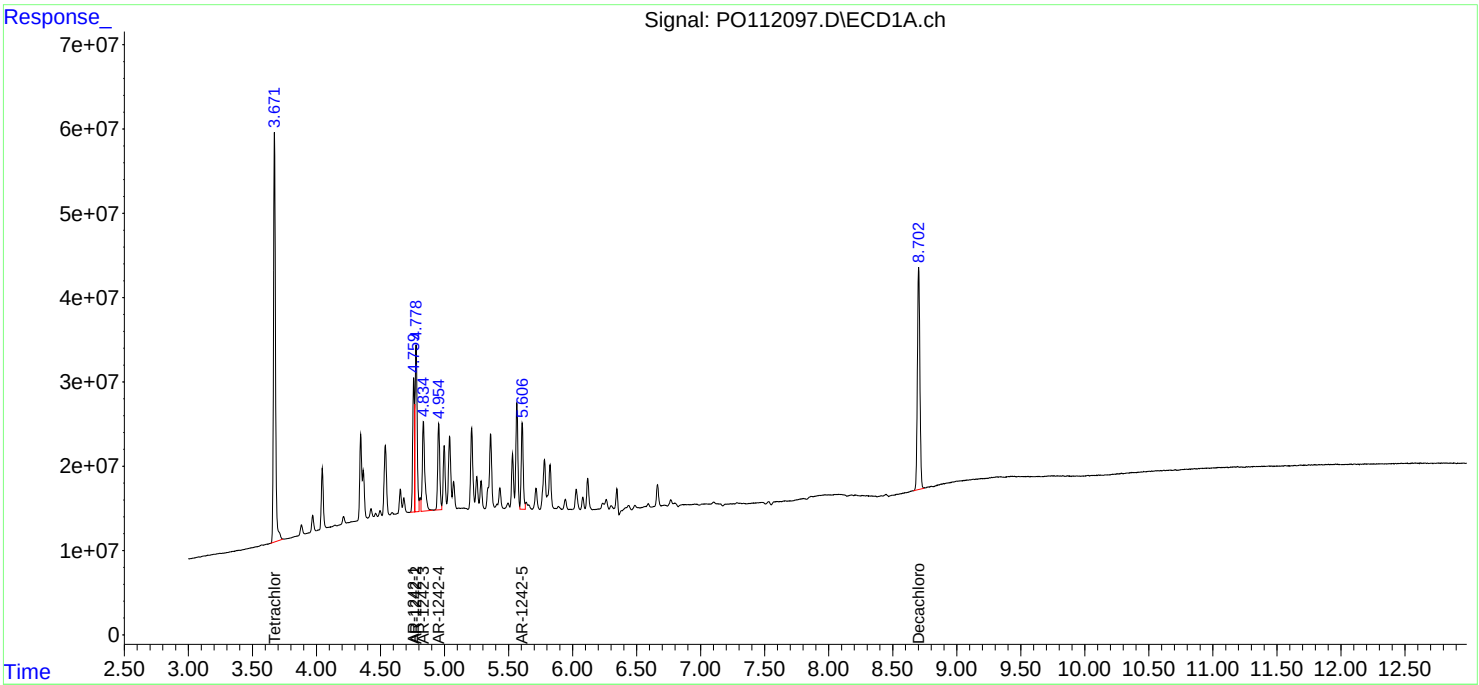
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

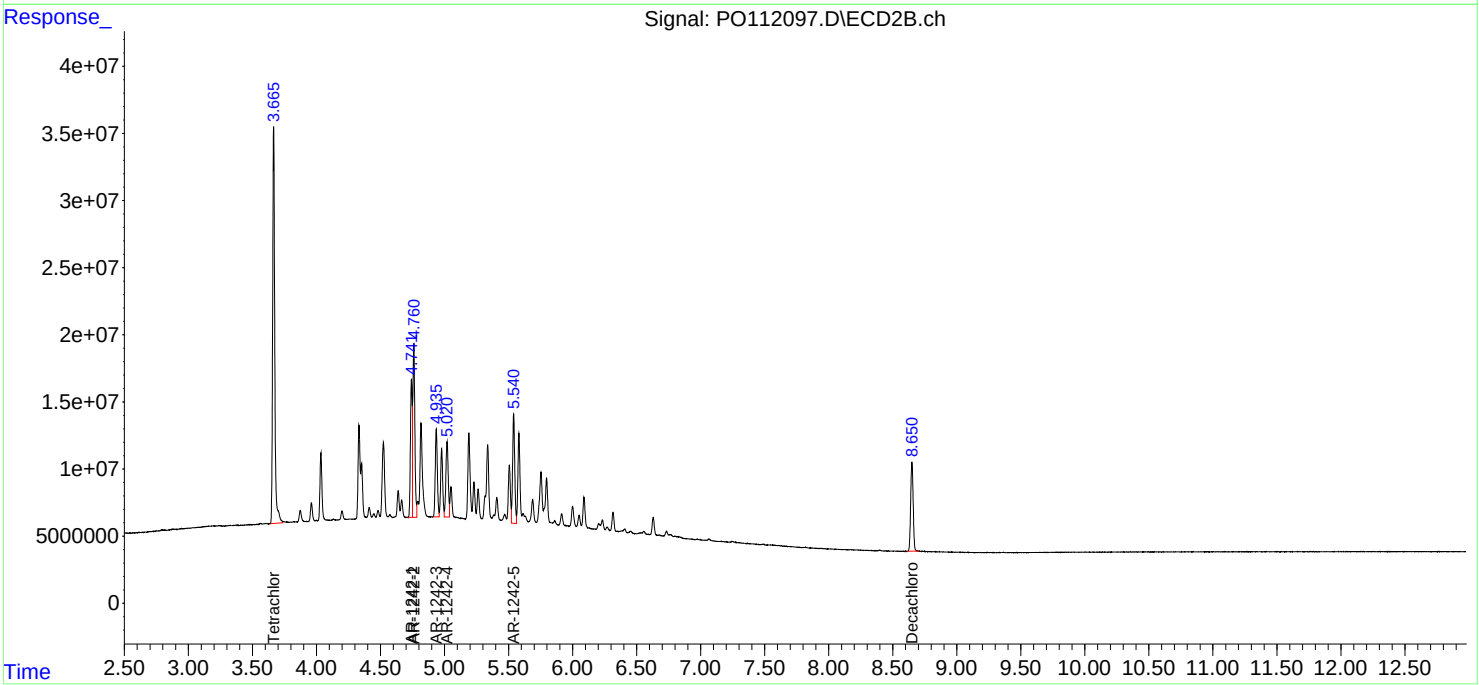
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:52
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

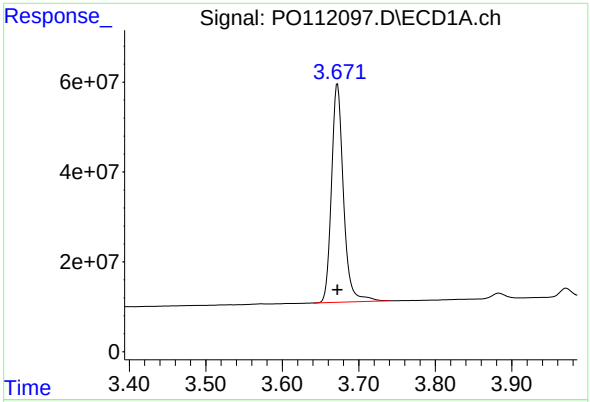
Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



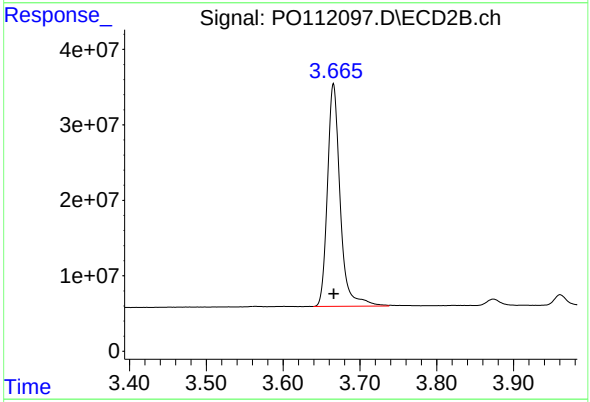




#1 Tetrachloro-m-xylene

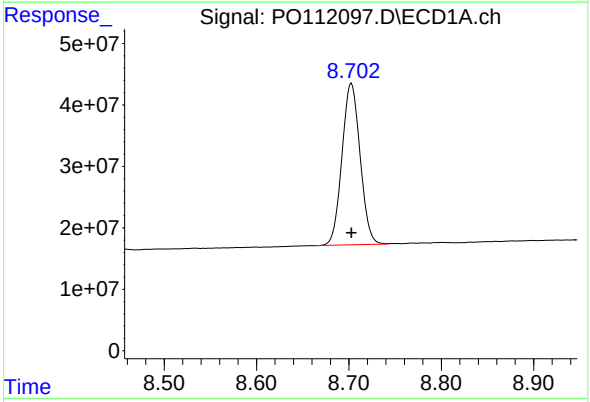
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 526920237
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



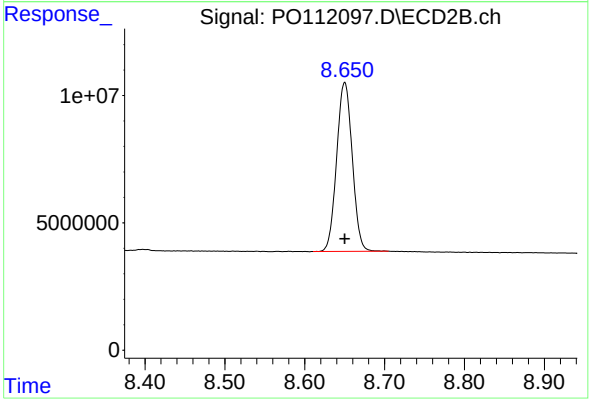
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 336535914
Conc: 50.00 ng/ml



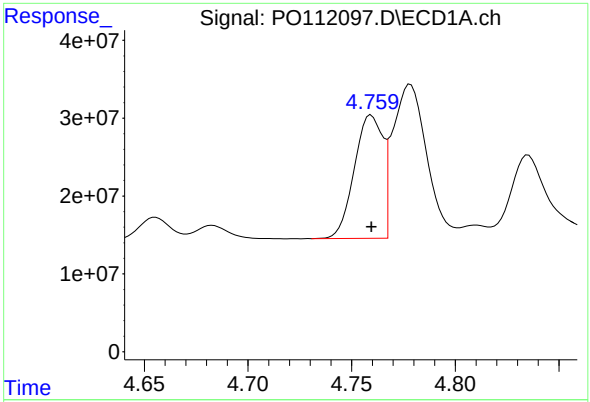
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 358093968
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

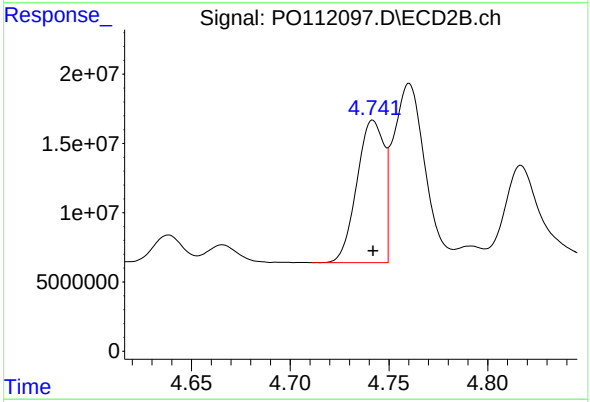
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 89986417
Conc: 50.00 ng/ml



#16 AR-1242-1

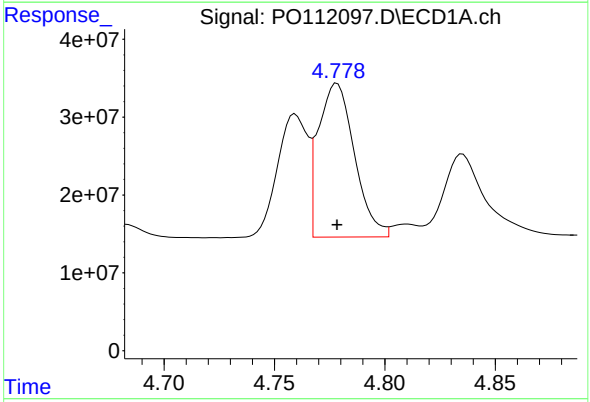
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 151293970
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



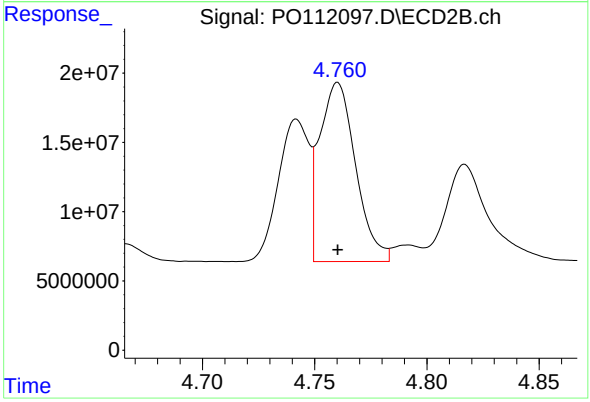
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 98077221
Conc: 500.00 ng/ml



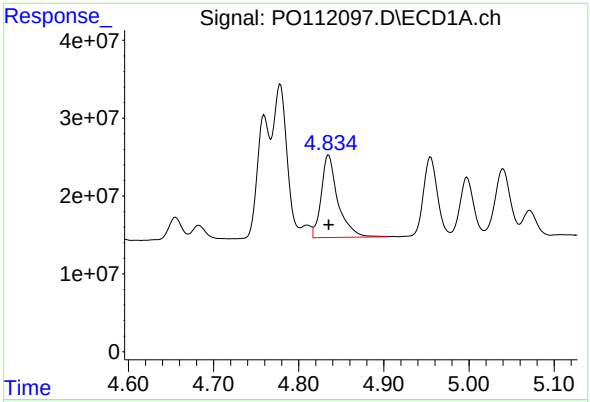
#17 AR-1242-2

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 224780927
Conc: 500.00 ng/ml



#17 AR-1242-2

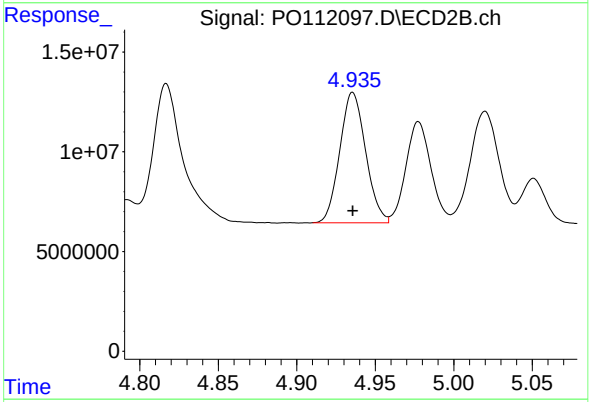
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 144395967
Conc: 500.00 ng/ml



#18 AR-1242-3

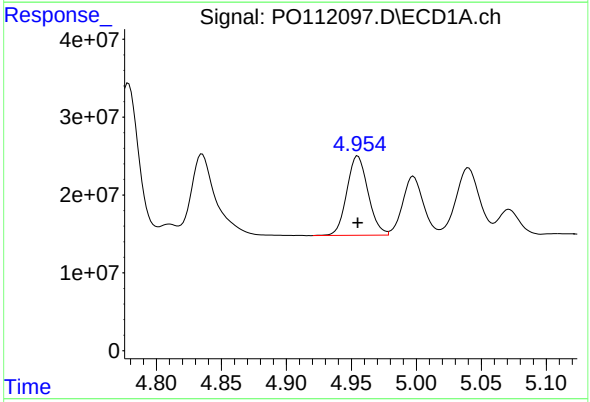
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 143688602
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



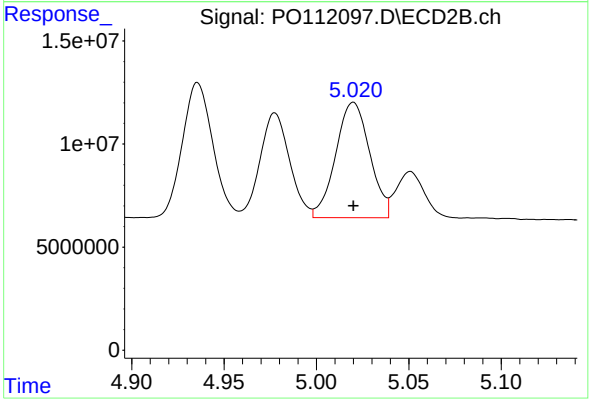
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 75006072
Conc: 500.00 ng/ml



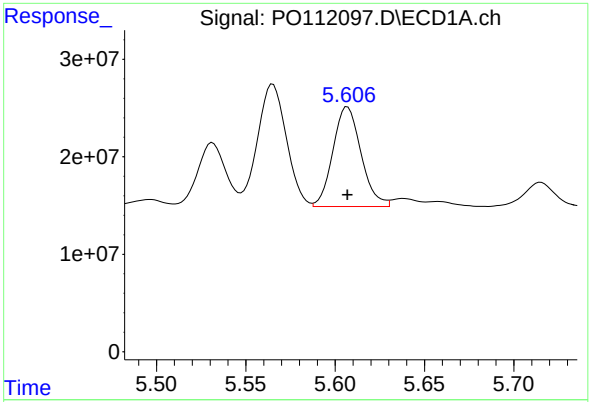
#19 AR-1242-4

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 115874062
Conc: 500.00 ng/ml



#19 AR-1242-4

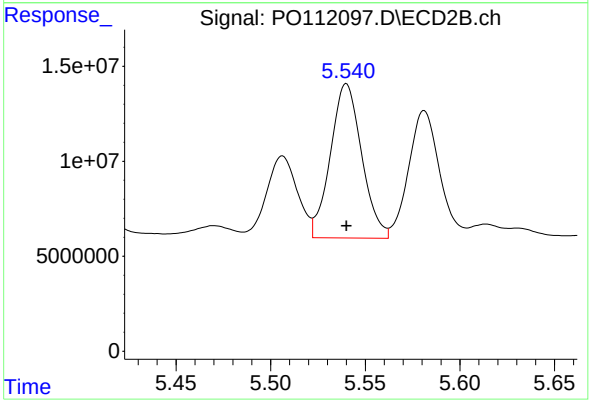
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 71812102
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 112261248
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 93535709
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:11
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.667	263.1E6	169.2E6	24.966	25.134
2)	SA Decachlor...	8.703	8.650	178.3E6	46660840	24.893	25.927
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.744	75657146	51480221	250.034	262.447
17)	L4 AR-1242-2	4.780	4.762	112.0E6	74327588	249.114	257.374
18)	L4 AR-1242-3	4.837	4.937	72112951	38588282	250.935	257.234
19)	L4 AR-1242-4	4.957	5.021	58094987	37459928	250.682	260.819
20)	L4 AR-1242-5	5.608	5.541	57886671	49852424	257.821	266.489

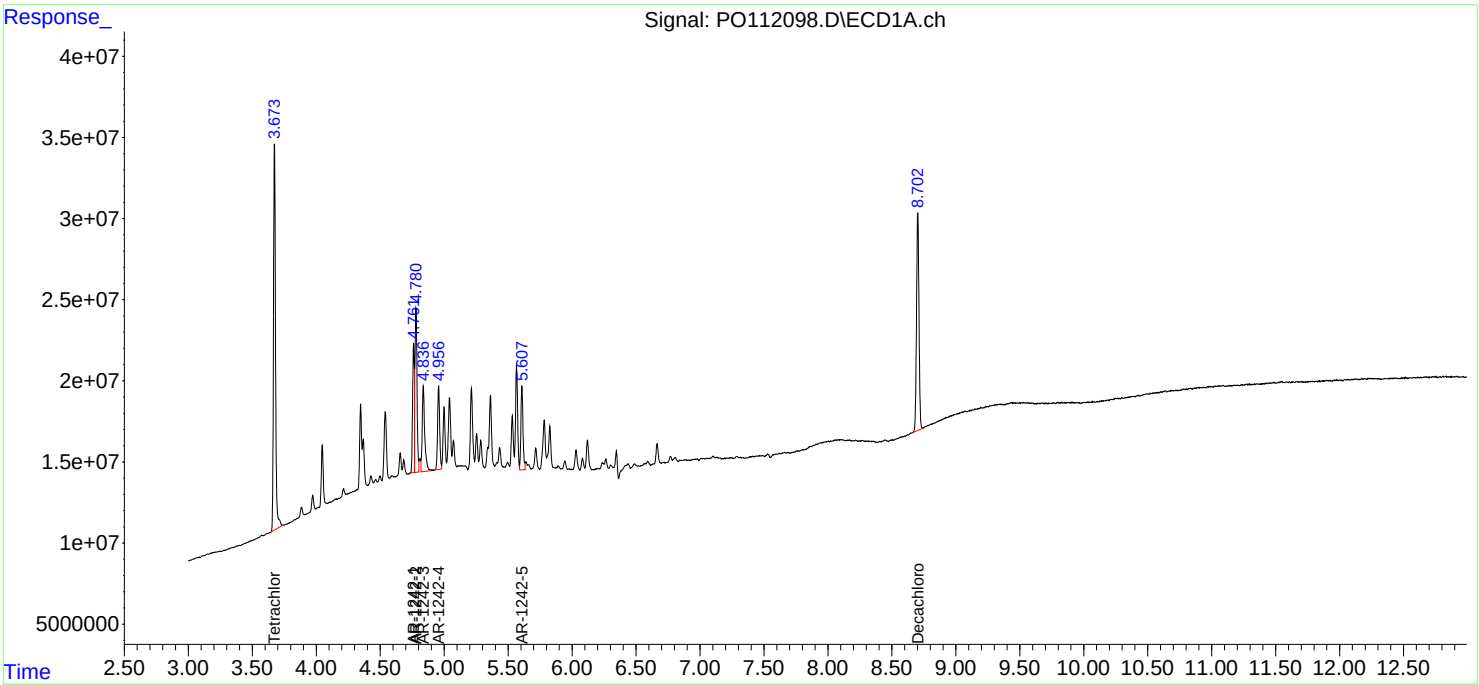
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

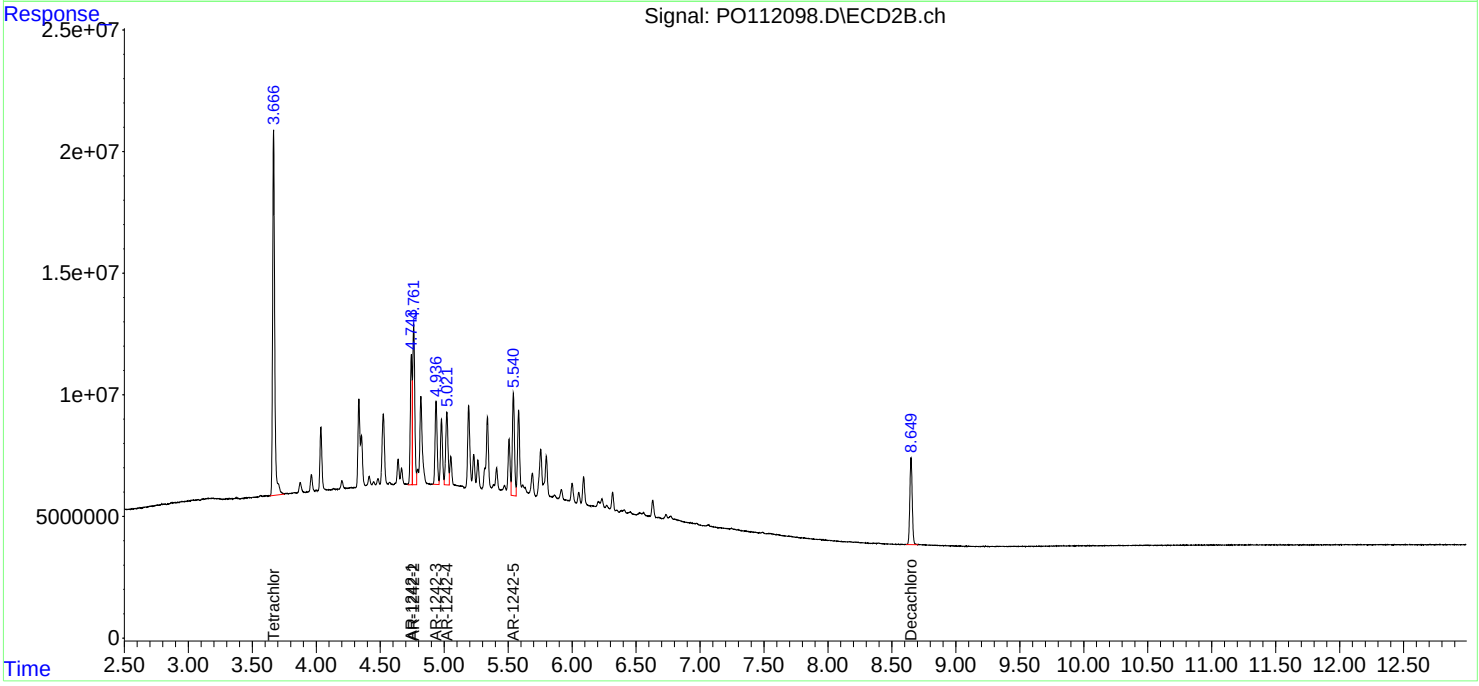
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:11
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

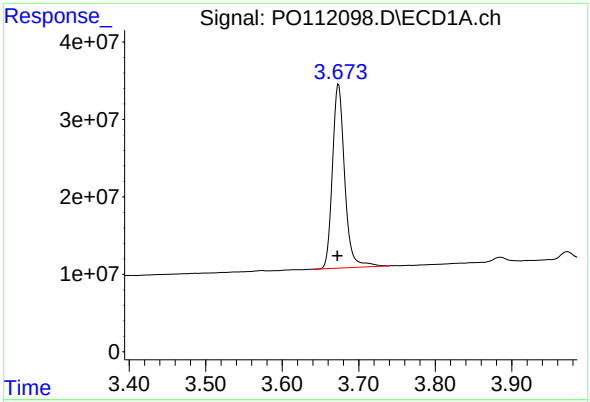
Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



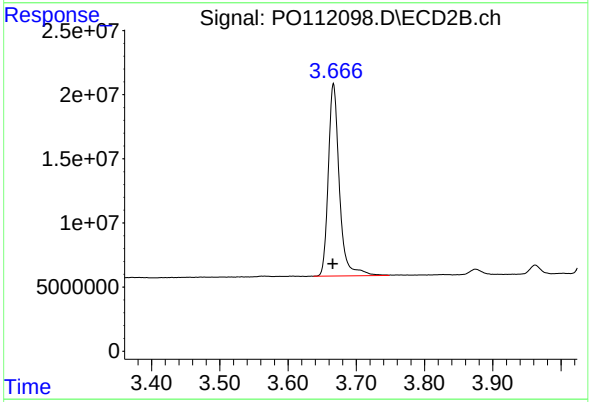




#1 Tetrachloro-m-xylene

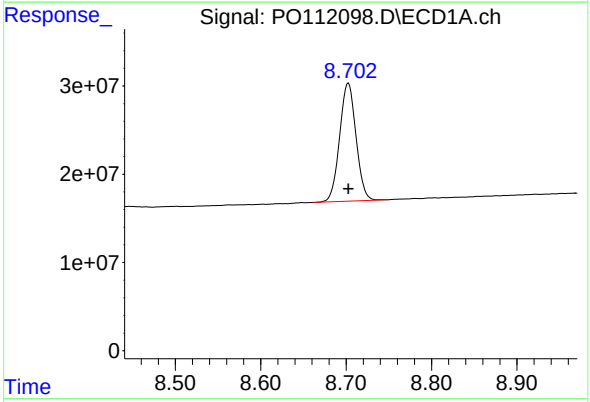
R.T.: 3.674 min
Delta R.T.: 0.002 min
Response: 263100949
Conc: 24.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



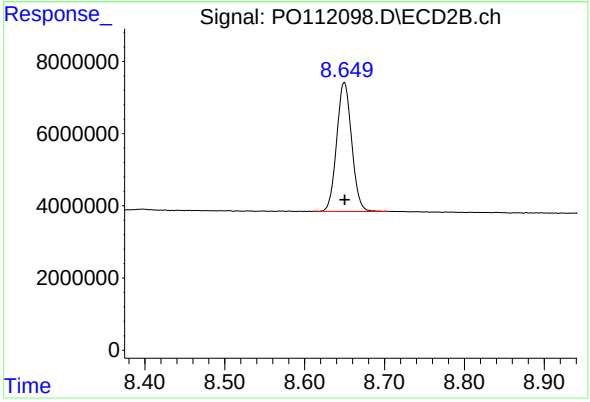
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 169169819
Conc: 25.13 ng/ml



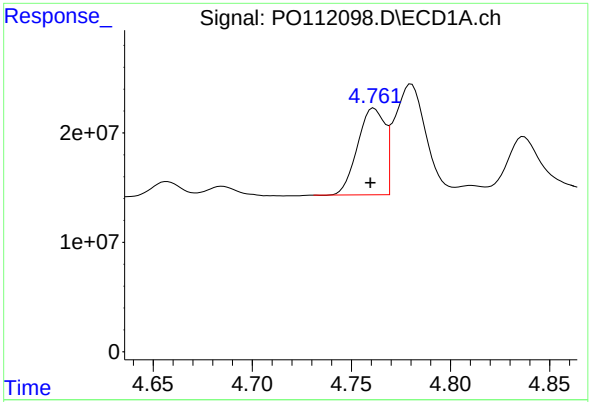
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 178282770
Conc: 24.89 ng/ml



#2 Decachlorobiphenyl

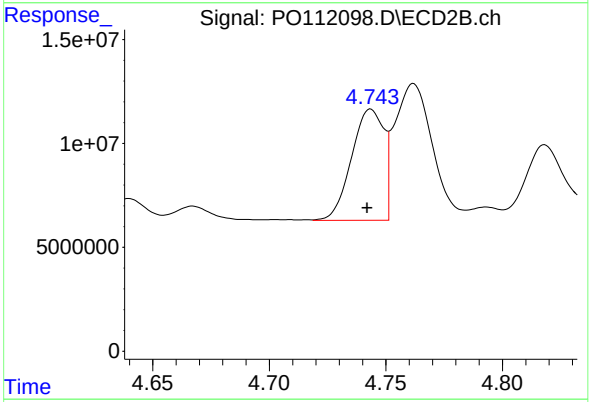
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 46660840
Conc: 25.93 ng/ml



#16 AR-1242-1

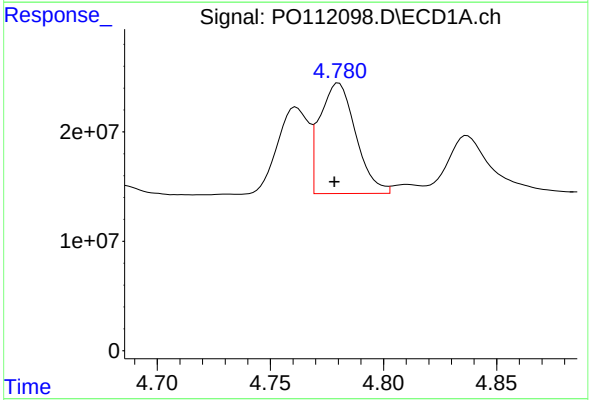
R.T.: 4.761 min
Delta R.T.: 0.002 min
Response: 75657146
Conc: 250.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



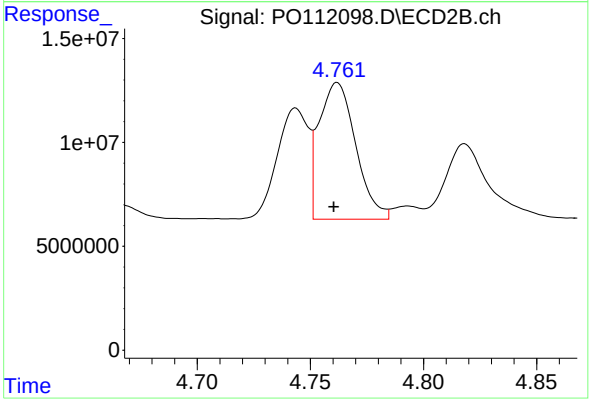
#16 AR-1242-1

R.T.: 4.744 min
Delta R.T.: 0.002 min
Response: 51480221
Conc: 262.45 ng/ml



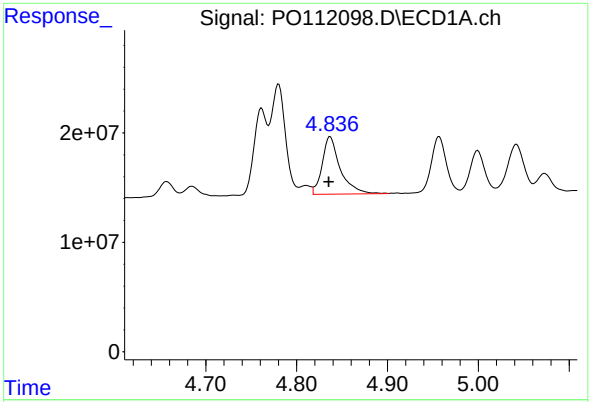
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.002 min
Response: 111991988
Conc: 249.11 ng/ml



#17 AR-1242-2

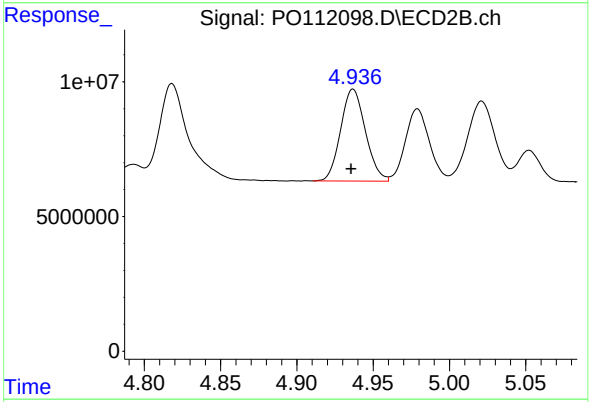
R.T.: 4.762 min
Delta R.T.: 0.002 min
Response: 74327588
Conc: 257.37 ng/ml



#18 AR-1242-3

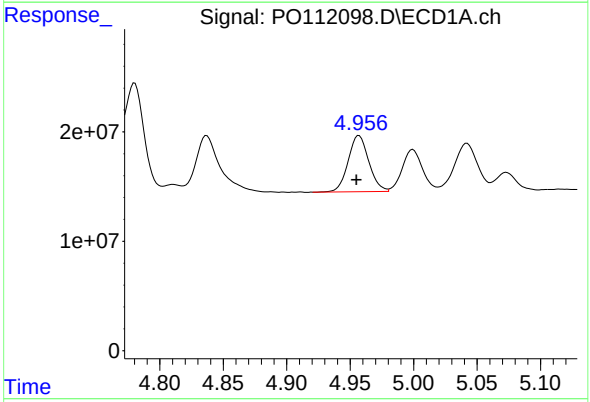
R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 72112951
Conc: 250.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



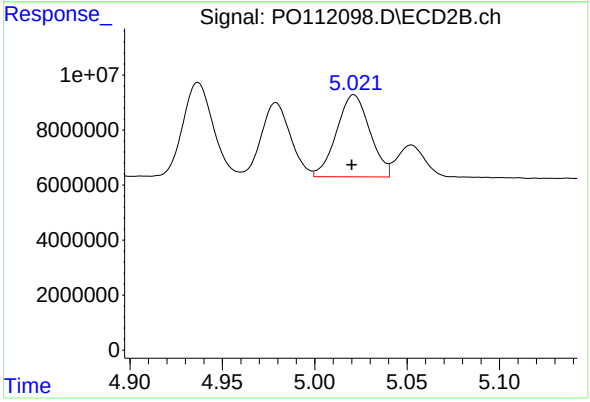
#18 AR-1242-3

R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 38588282
Conc: 257.23 ng/ml



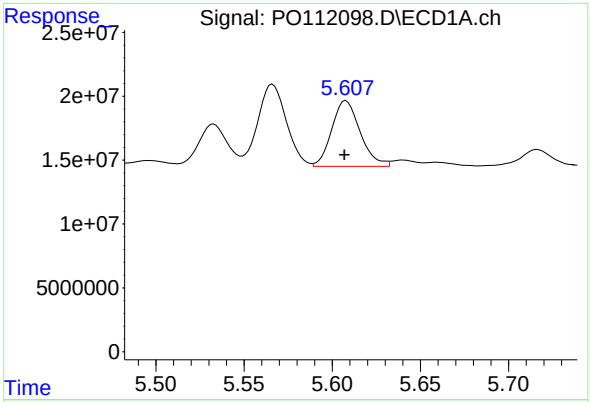
#19 AR-1242-4

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 58094987
Conc: 250.68 ng/ml



#19 AR-1242-4

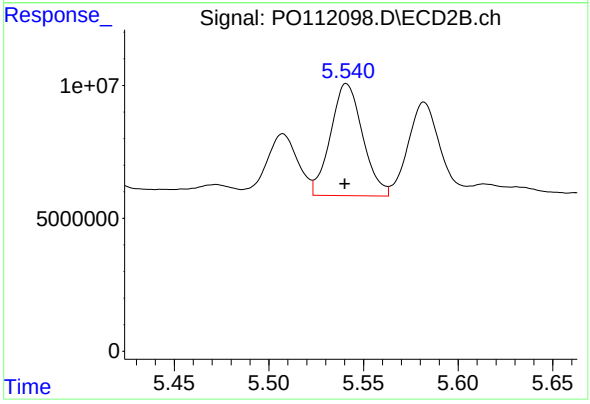
R.T.: 5.021 min
Delta R.T.: 0.001 min
Response: 37459928
Conc: 260.82 ng/ml



#20 AR-1242-5

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 57886671
Conc: 257.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 49852424
Conc: 266.49 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	42912716	27696407	4.072	4.115
2)	SA Decachlor...	8.704	8.650	28291682	7899910	3.950	4.390
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.743	12609363	9619088	41.672	49.038
17)	L4 AR-1242-2	4.780	4.761	17776215	13881256	39.541	48.067
18)	L4 AR-1242-3	4.837	4.937	12004480	6736786	41.773	44.908
19)	L4 AR-1242-4	4.957	5.021	10638220	7029005	45.904	48.940
20)	L4 AR-1242-5	5.608	5.541	7571568	8542753	33.723m	45.666m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

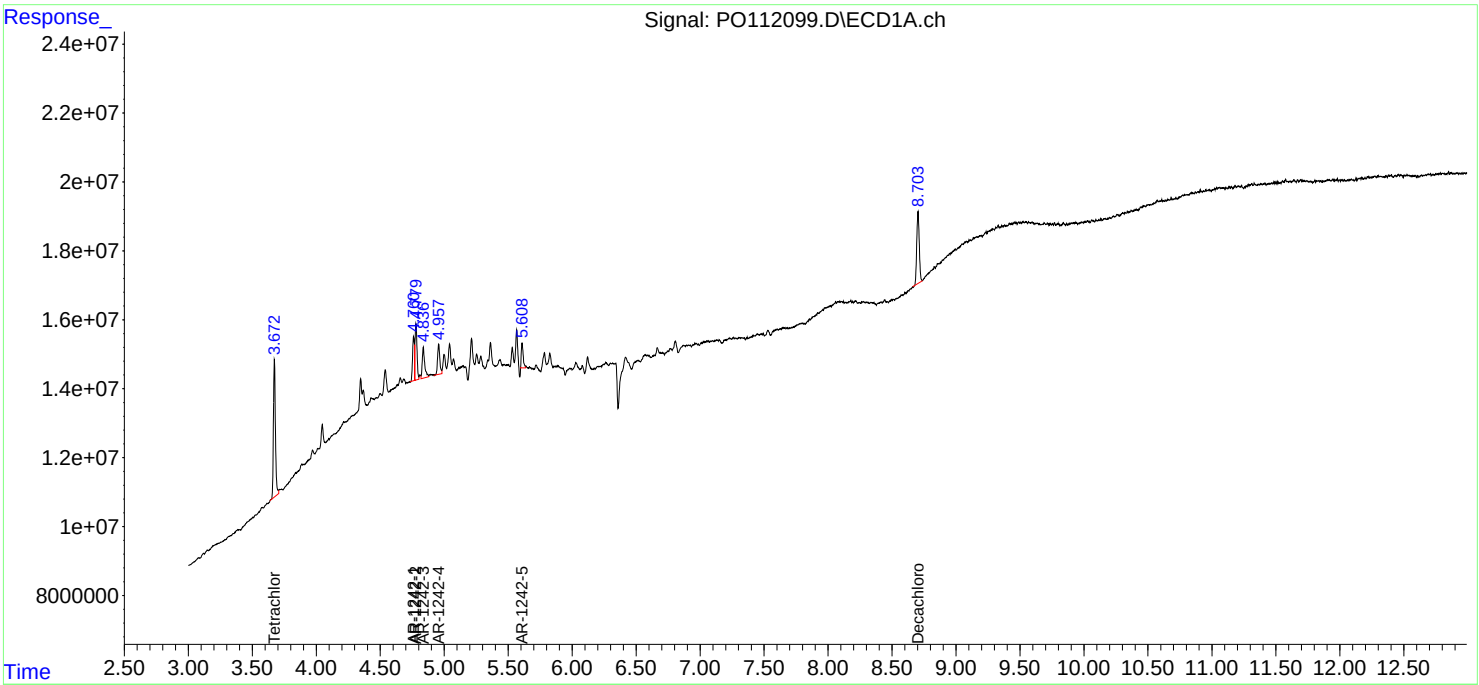
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

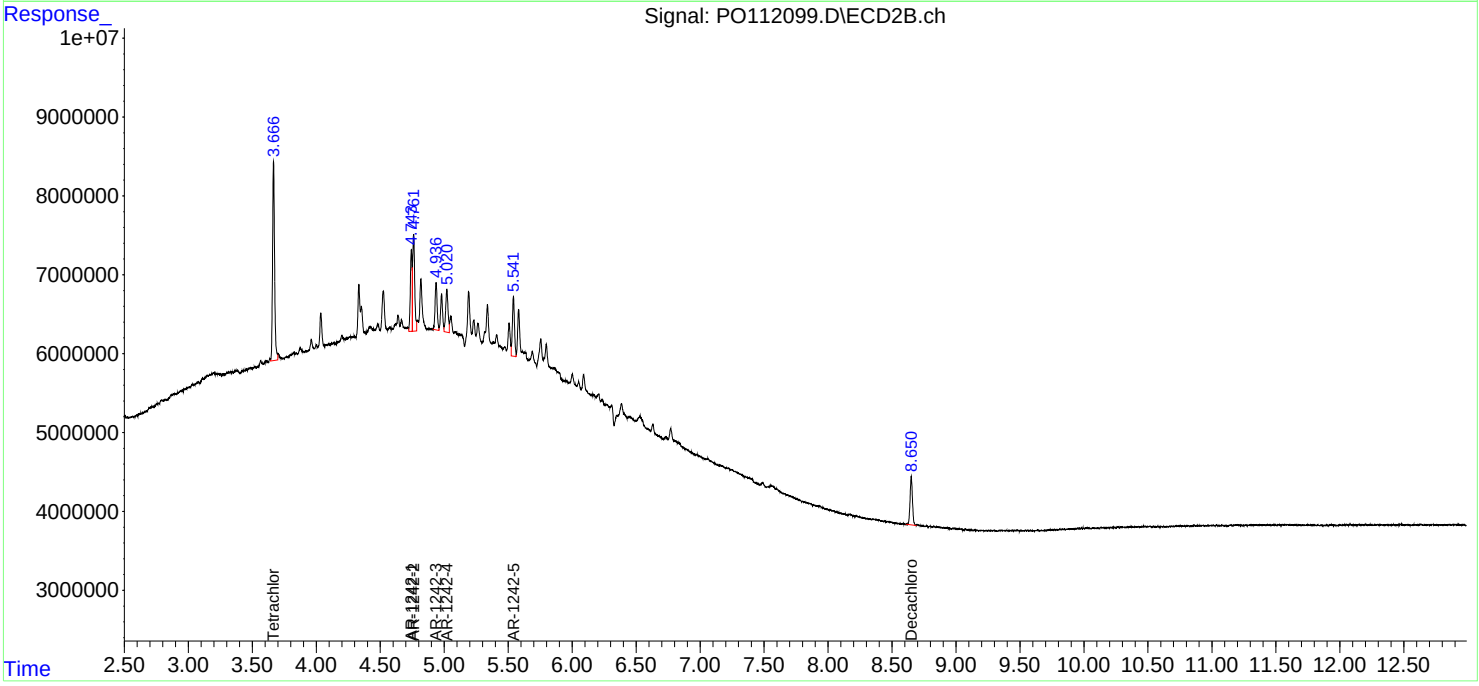
Manual Integrations APPROVED

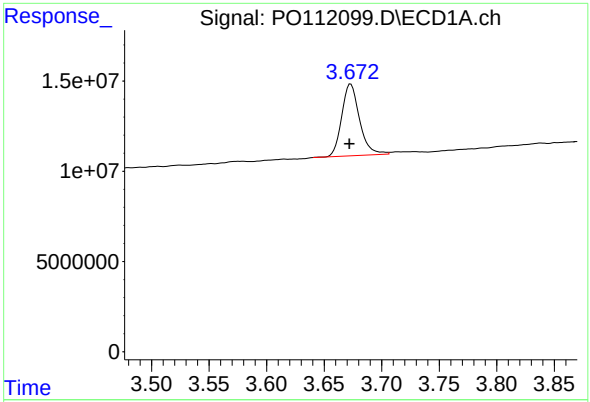
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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







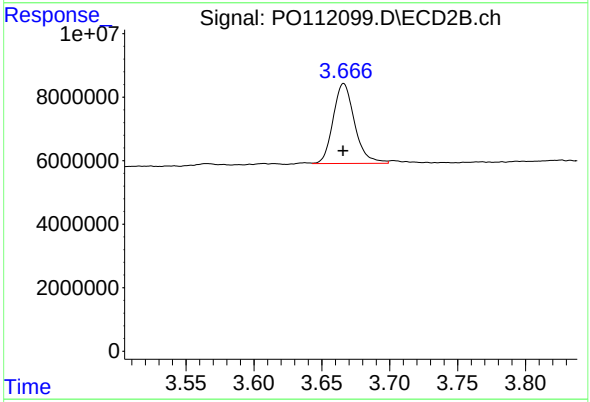
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 42912716
Conc: 4.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

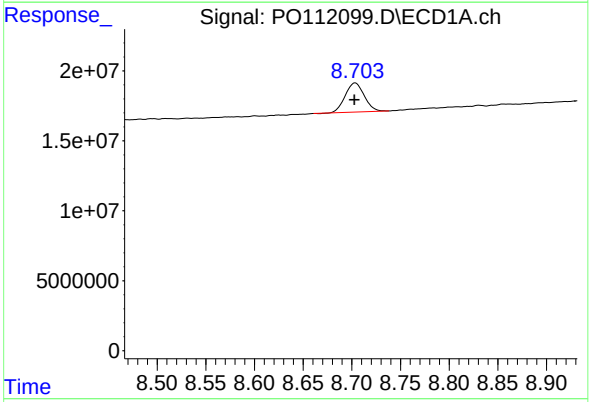
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



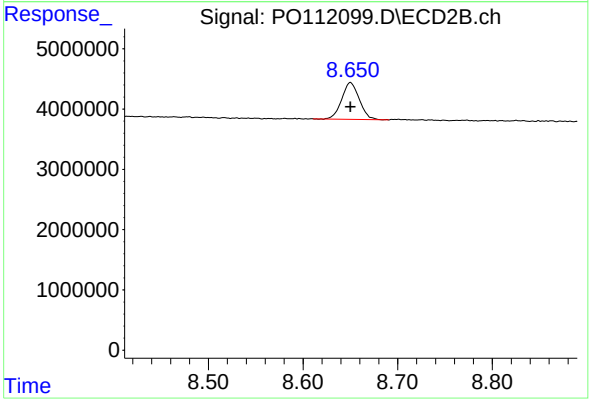
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 27696407
Conc: 4.11 ng/ml



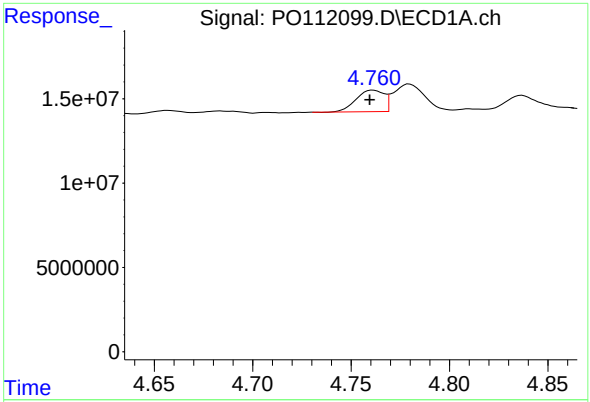
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 28291682
Conc: 3.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 7899910
Conc: 4.39 ng/ml



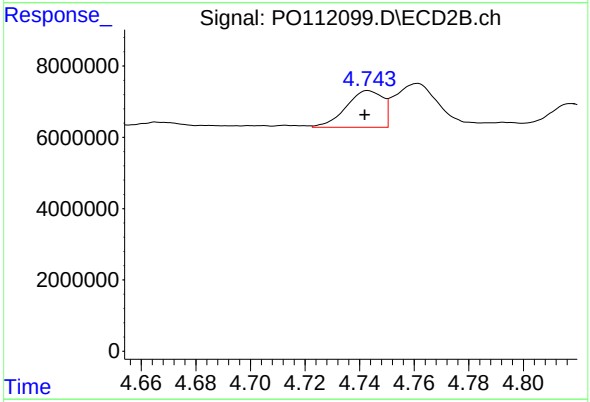
#16 AR-1242-1

R.T.: 4.761 min
Delta R.T.: 0.002 min
Response: 12609363
Conc: 41.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

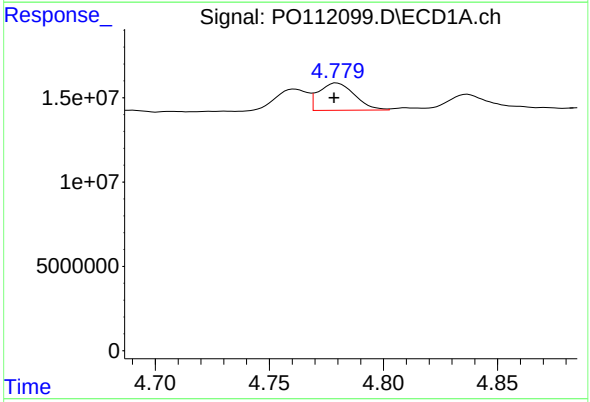
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



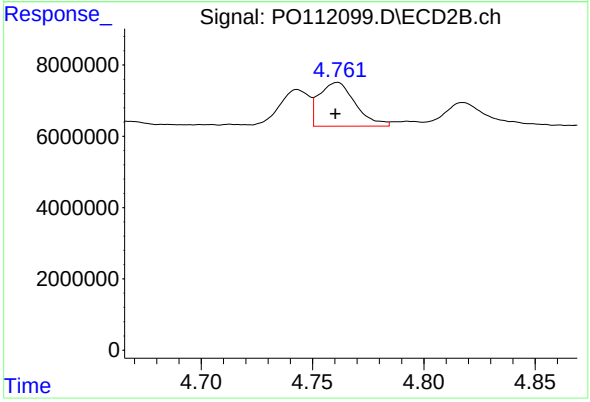
#16 AR-1242-1

R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 9619088
Conc: 49.04 ng/ml



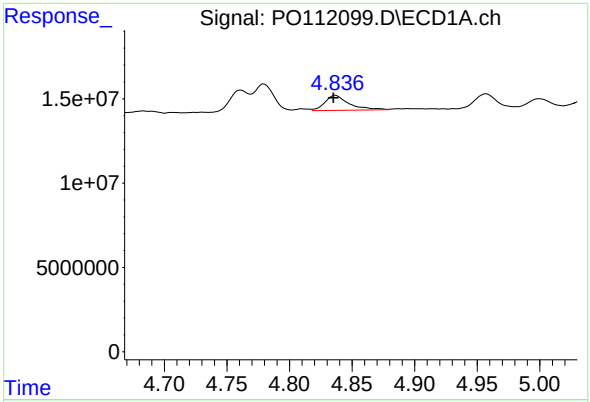
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 17776215
Conc: 39.54 ng/ml



#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 13881256
Conc: 48.07 ng/ml



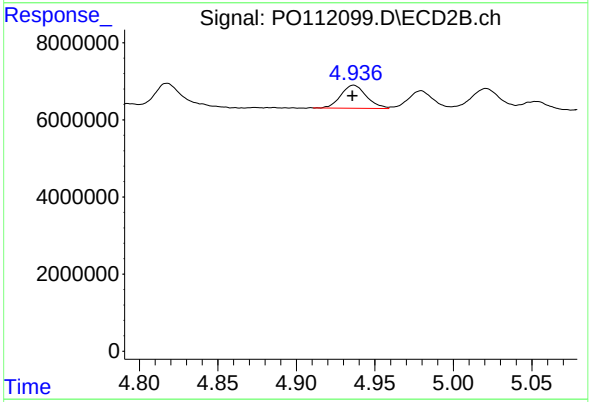
#18 AR-1242-3

R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 12004480
Conc: 41.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

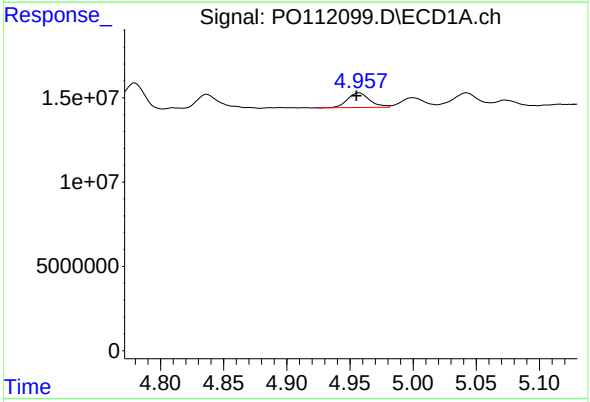
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



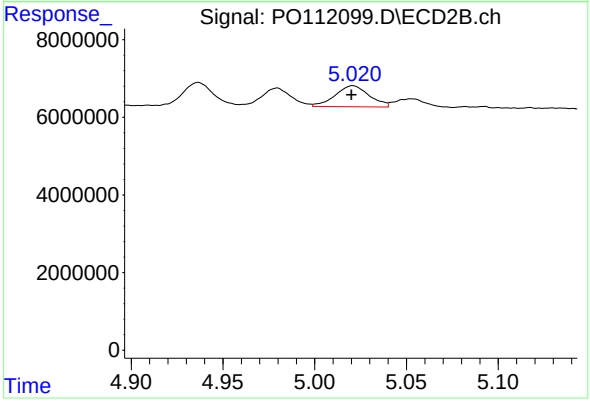
#18 AR-1242-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 6736786
Conc: 44.91 ng/ml



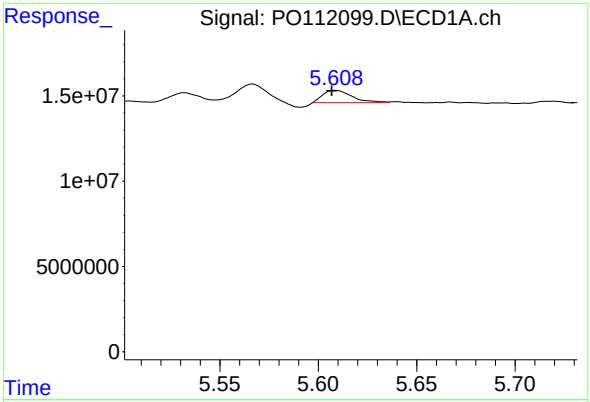
#19 AR-1242-4

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 10638220
Conc: 45.90 ng/ml



#19 AR-1242-4

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 7029005
Conc: 48.94 ng/ml



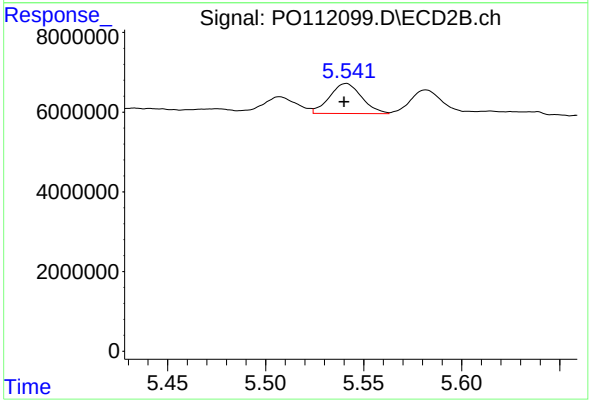
#20 AR-1242-5

R.T.: 5.608 min
Delta R.T.: 0.000 min
Response: 7571568
Conc: 33.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 8542753
Conc: 45.67 ng/ml m

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:48
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	1096.6E6	692.2E6	104.113	104.038
2)	SA Decachlor...	8.704	8.650	716.5E6	174.1E6	98.706	94.881
	Target Compounds						
21)	L5 AR-1248-1	4.760	4.743	231.9E6	148.4E6	1018.654	991.552
22)	L5 AR-1248-2	4.999	4.978	312.2E6	200.2E6	1016.179	985.440
23)	L5 AR-1248-3	5.213	5.020	394.9E6	210.9E6	1005.052	990.919
24)	L5 AR-1248-4	5.566	5.190	577.1E6	249.5E6	1002.758	984.112
25)	L5 AR-1248-5	5.607	5.581	391.1E6	244.4E6	1001.154	973.721

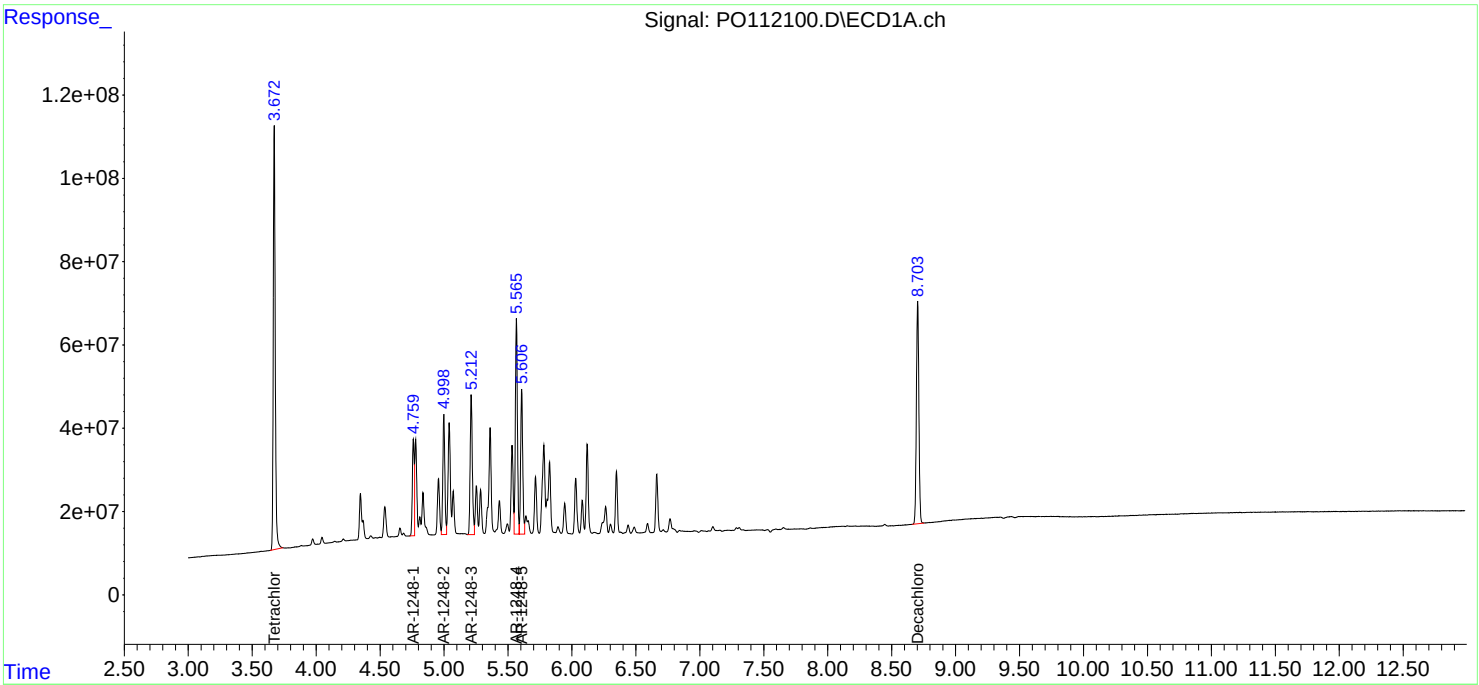
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

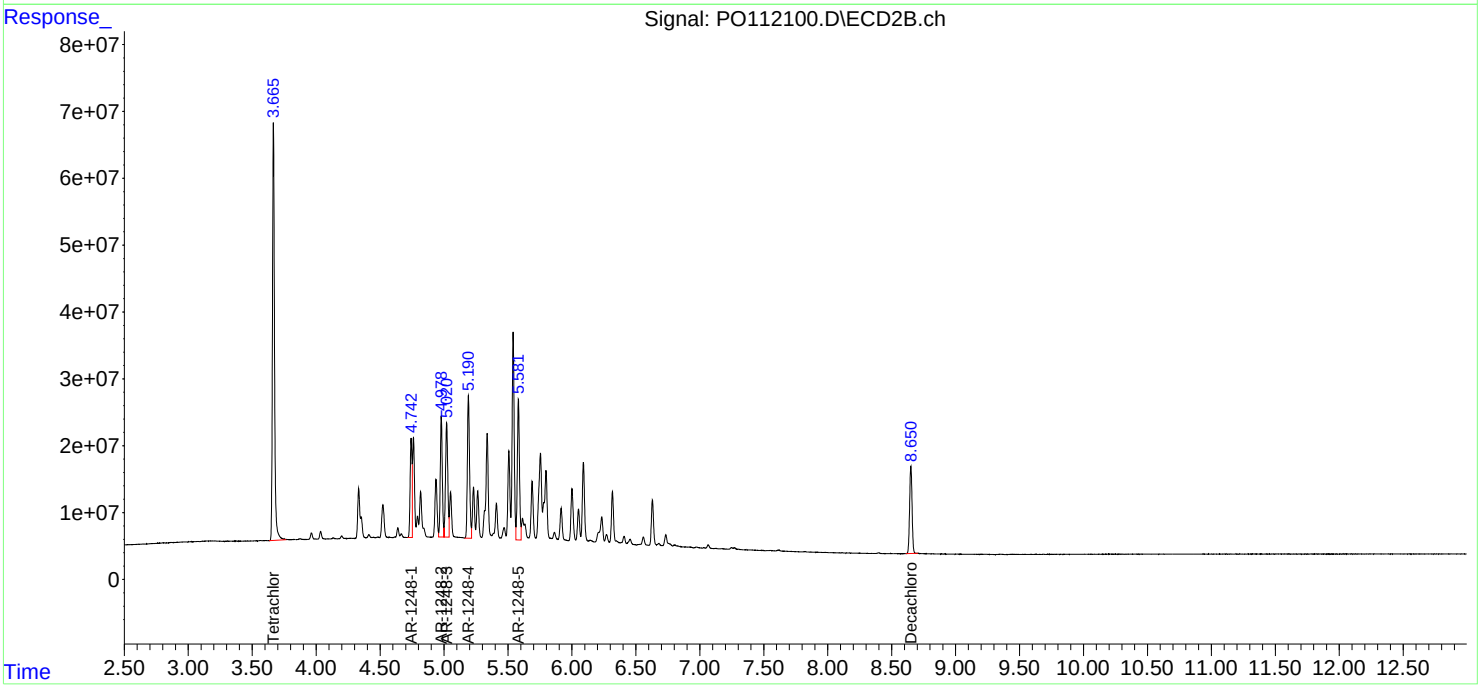
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:48
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

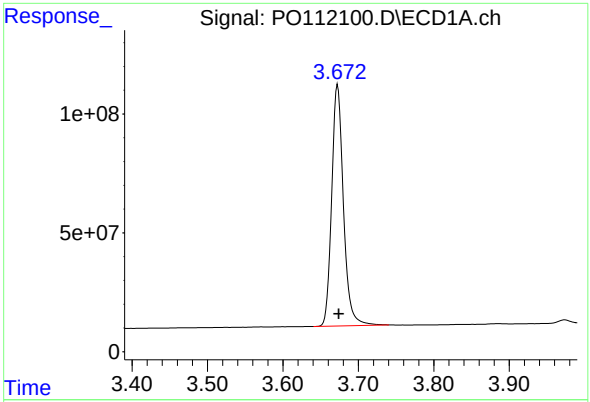
Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



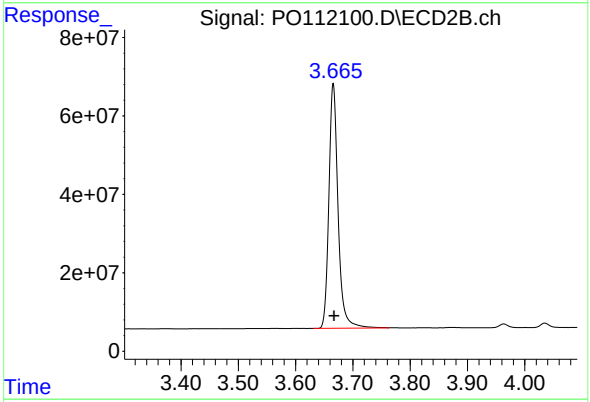




#1 Tetrachloro-m-xylene

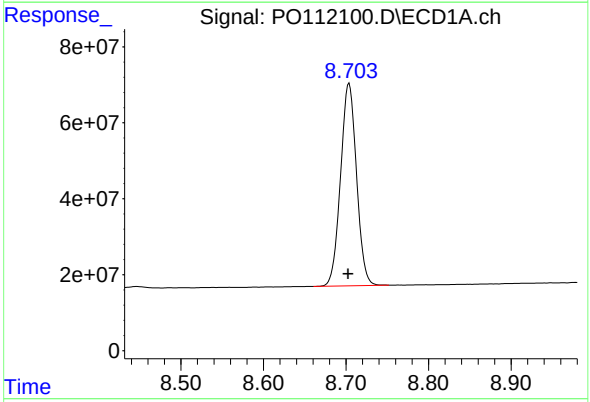
R.T.: 3.672 min
Delta R.T.: -0.002 min
Response: 1096626081
Conc: 104.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



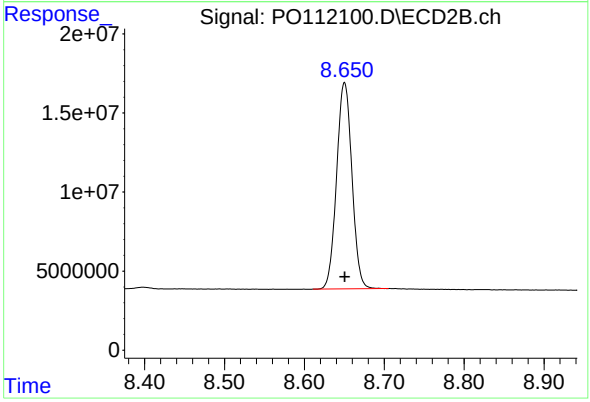
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 692202944
Conc: 104.04 ng/ml



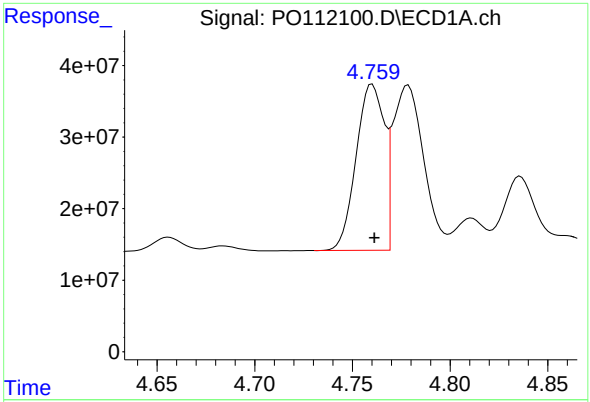
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.001 min
Response: 716466971
Conc: 98.71 ng/ml



#2 Decachlorobiphenyl

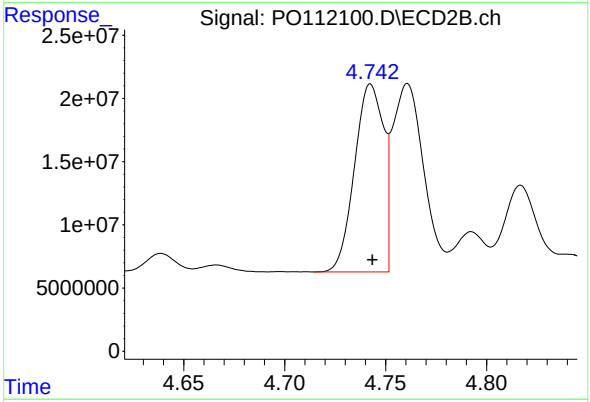
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 174100498
Conc: 94.88 ng/ml



#21 AR-1248-1

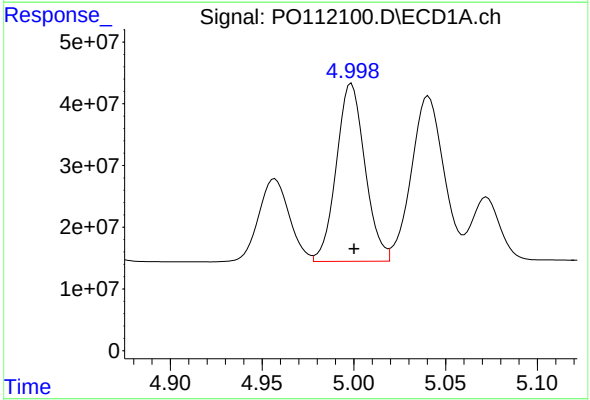
R.T.: 4.760 min
Delta R.T.: -0.001 min
Response: 231871262
Conc: 1018.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



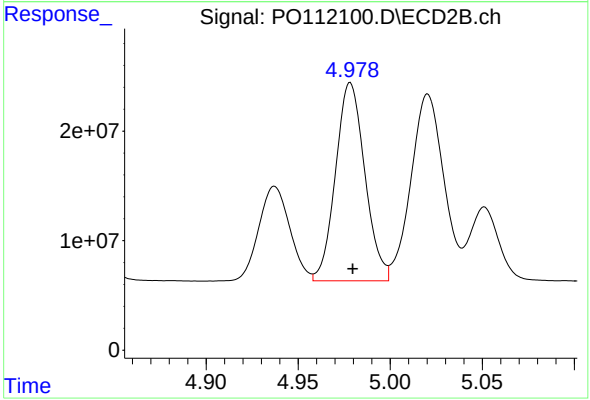
#21 AR-1248-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 148373409
Conc: 991.55 ng/ml



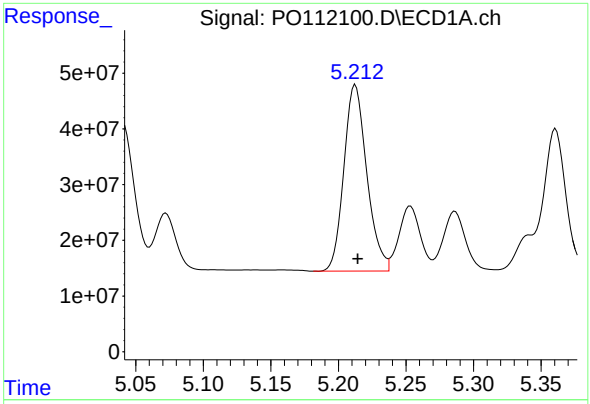
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 312226784
Conc: 1016.18 ng/ml



#22 AR-1248-2

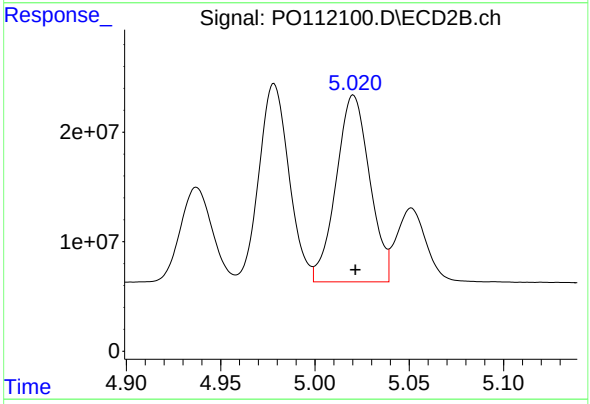
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 200165378
Conc: 985.44 ng/ml



#23 AR-1248-3

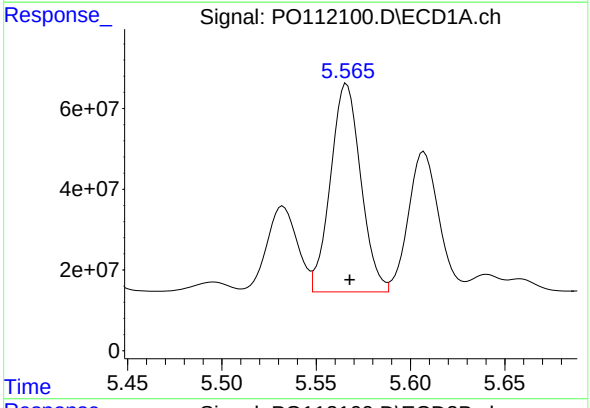
R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 394903515
Conc: 1005.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



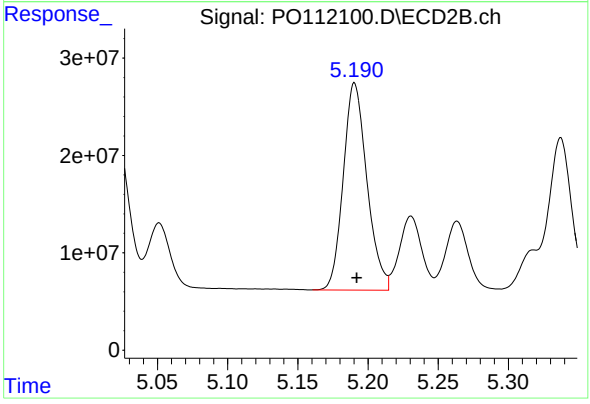
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 210851108
Conc: 990.92 ng/ml



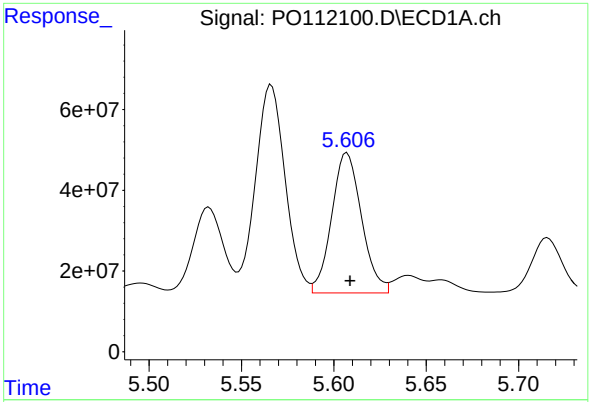
#24 AR-1248-4

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 577144829
Conc: 1002.76 ng/ml



#24 AR-1248-4

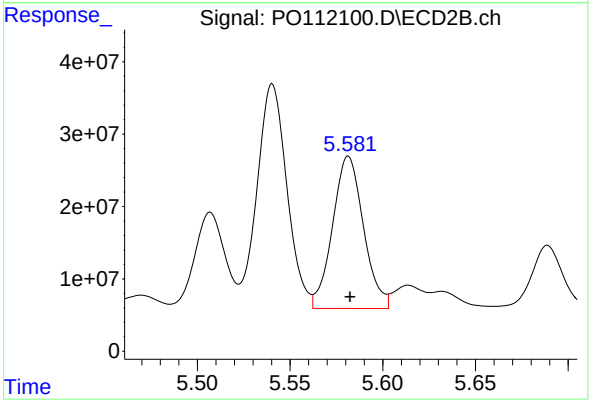
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 249491134
Conc: 984.11 ng/ml



#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 391149352
Conc: 1001.15 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: 0.000 min
Response: 244390847
Conc: 973.72 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:05
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	800.2E6	504.2E6	75.968	75.785
2)	SA Decachlor...	8.700	8.649	537.9E6	133.0E6	74.111	72.476
	Target Compounds						
21)	L5 AR-1248-1	4.758	4.742	170.5E6	110.1E6	748.923	735.697
22)	L5 AR-1248-2	4.996	4.978	229.4E6	148.7E6	746.494	731.979
23)	L5 AR-1248-3	5.211	5.020	293.7E6	156.3E6	747.424	734.330
24)	L5 AR-1248-4	5.564	5.190	429.4E6	184.7E6	746.110	728.503
25)	L5 AR-1248-5	5.605	5.580	293.6E6	182.5E6	751.479	727.317

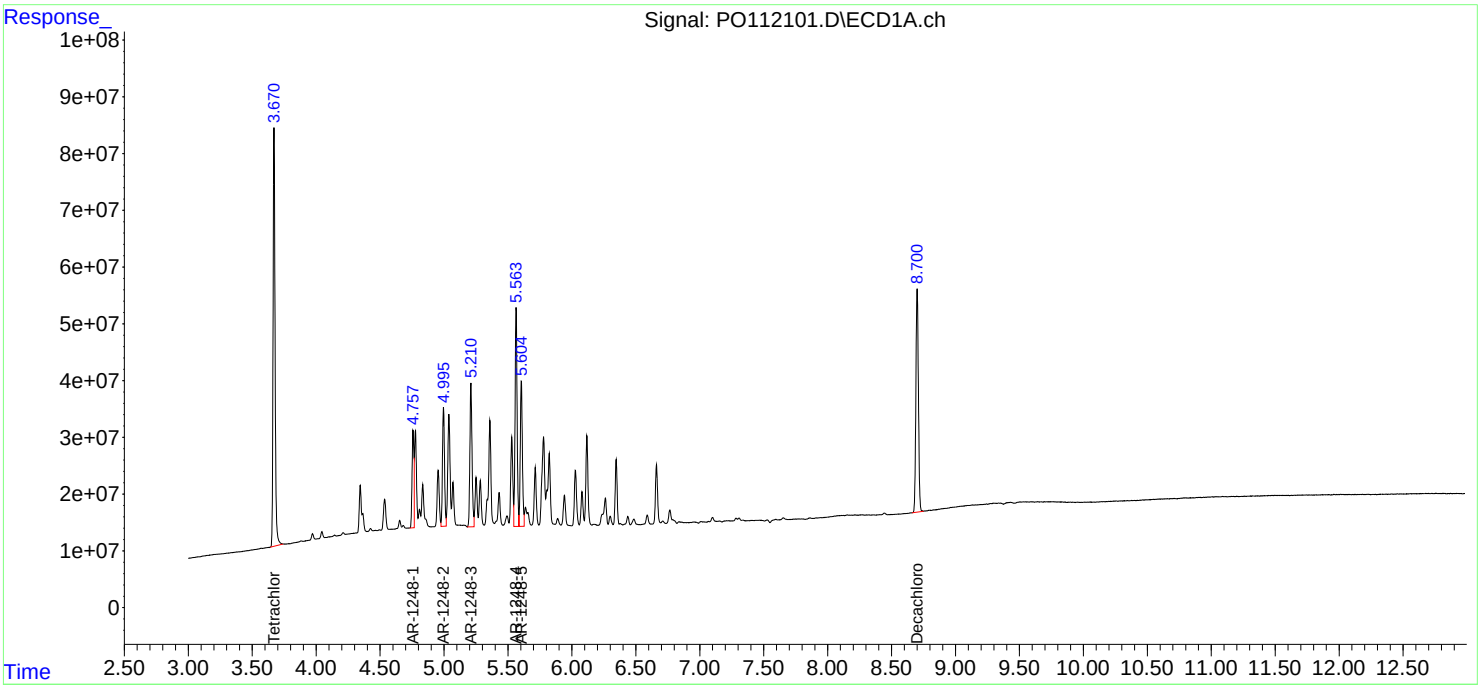
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

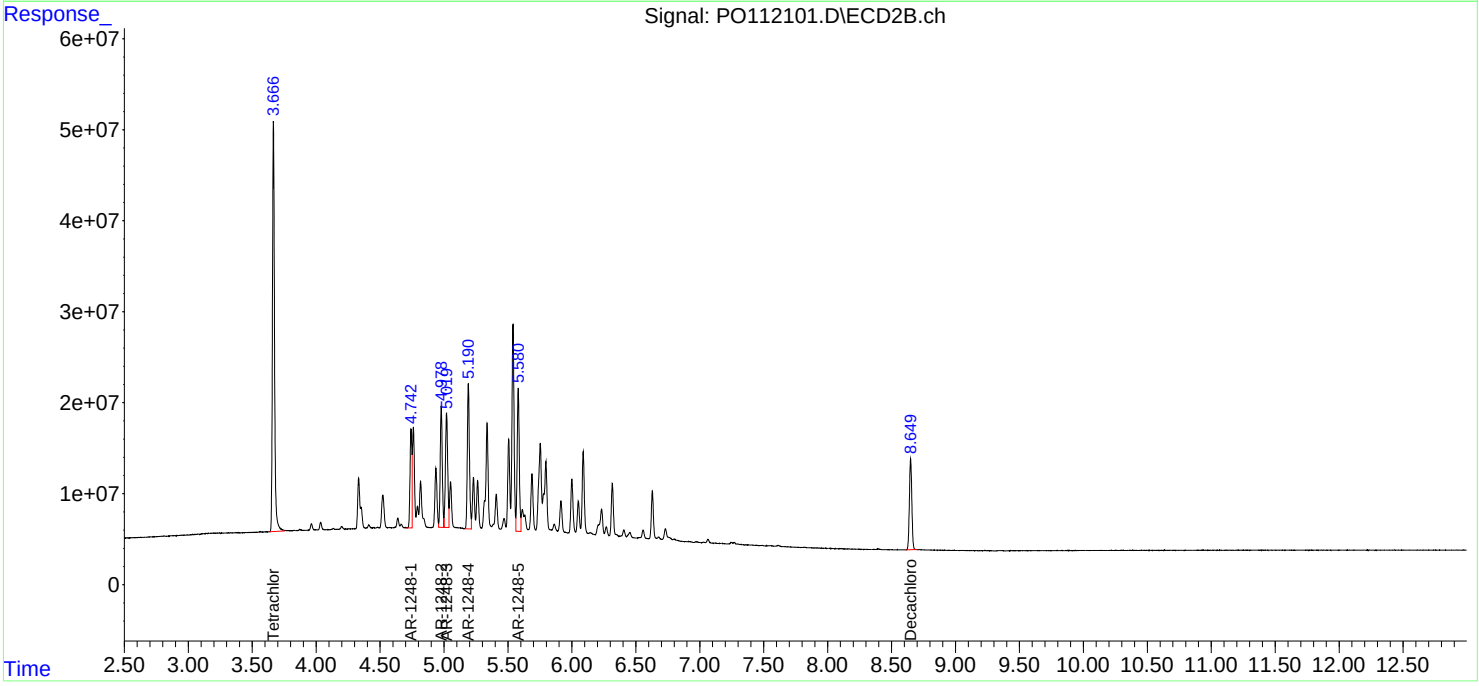
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:05
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

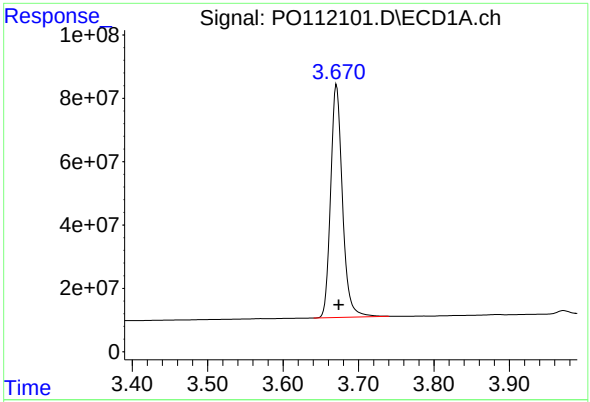
Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



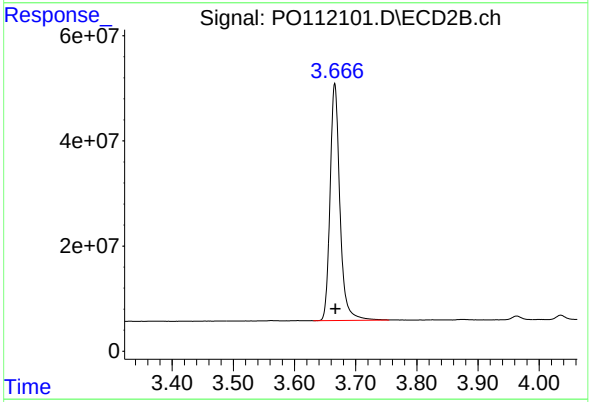




#1 Tetrachloro-m-xylene

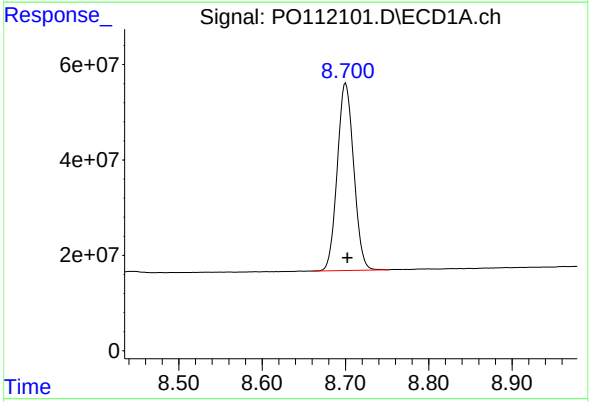
R.T.: 3.671 min
Delta R.T.: -0.003 min
Response: 800174691
Conc: 75.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



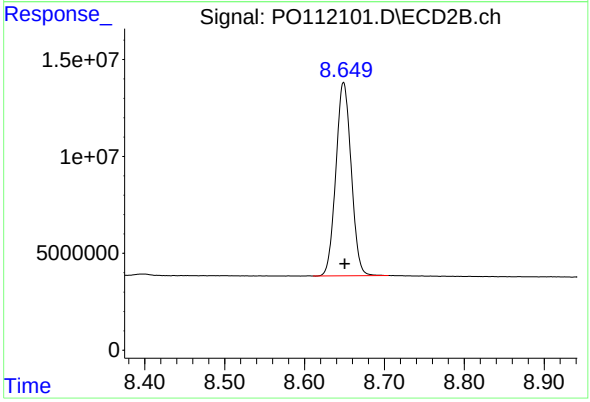
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 504222637
Conc: 75.78 ng/ml



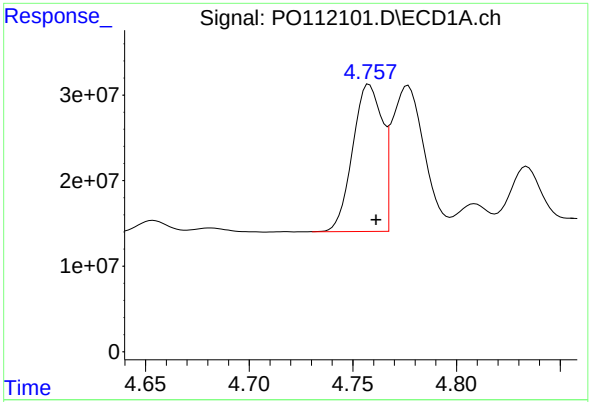
#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.002 min
Response: 537944254
Conc: 74.11 ng/ml



#2 Decachlorobiphenyl

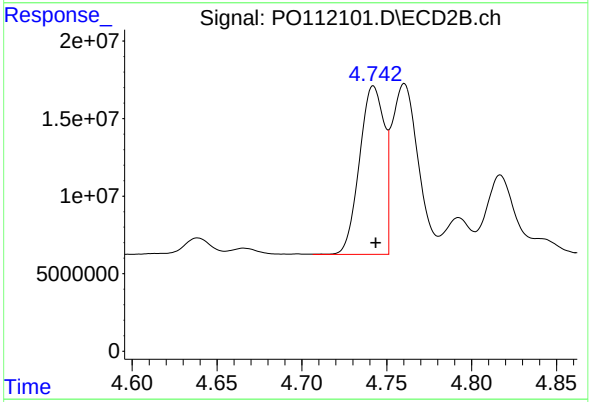
R.T.: 8.649 min
Delta R.T.: -0.001 min
Response: 132988512
Conc: 72.48 ng/ml



#21 AR-1248-1

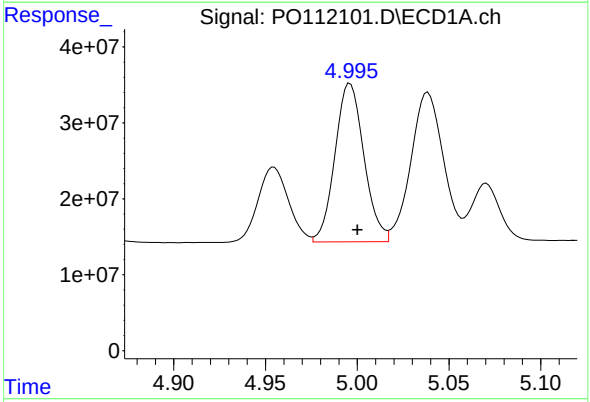
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 170473785
Conc: 748.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



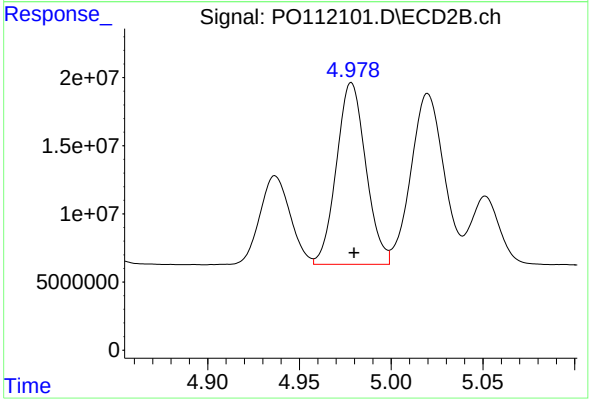
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 110087825
Conc: 735.70 ng/ml



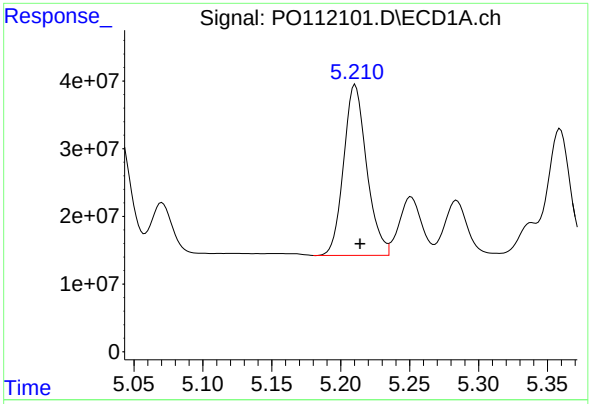
#22 AR-1248-2

R.T.: 4.996 min
Delta R.T.: -0.004 min
Response: 229364504
Conc: 746.49 ng/ml



#22 AR-1248-2

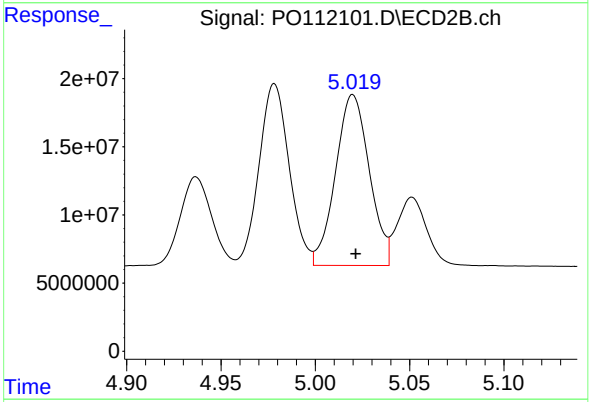
R.T.: 4.978 min
Delta R.T.: -0.001 min
Response: 148681673
Conc: 731.98 ng/ml



#23 AR-1248-3

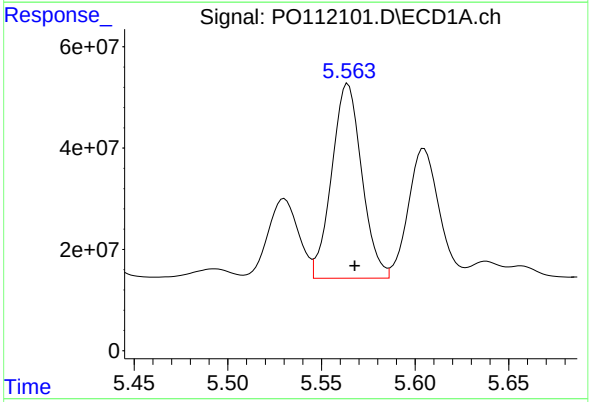
R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 293676772
Conc: 747.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



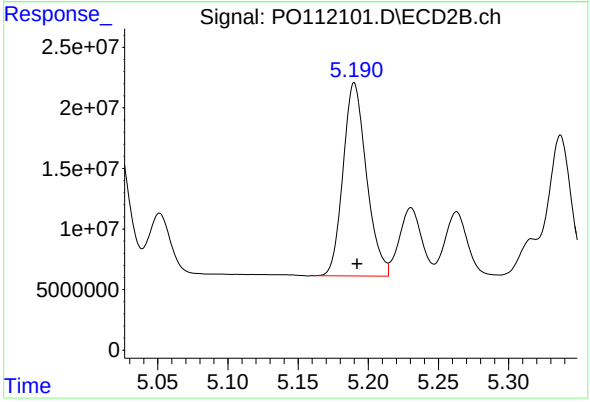
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 156253250
Conc: 734.33 ng/ml



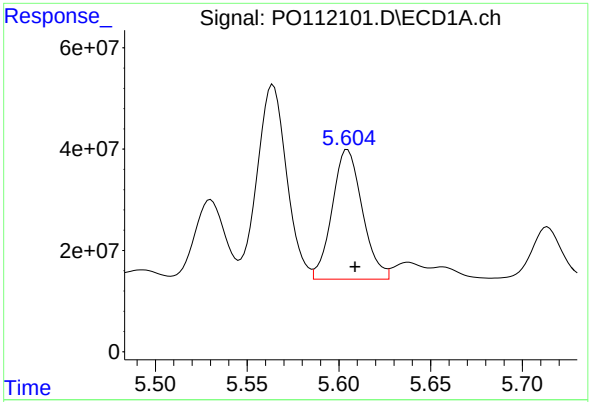
#24 AR-1248-4

R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 429428792
Conc: 746.11 ng/ml



#24 AR-1248-4

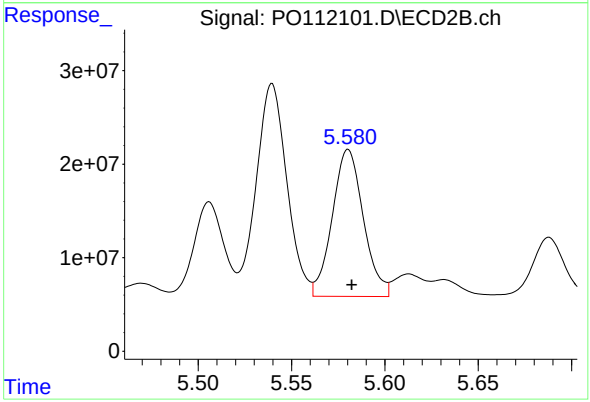
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 184689305
Conc: 728.50 ng/ml



#25 AR-1248-5

R.T.: 5.605 min
Delta R.T.: -0.004 min
Response: 293601725
Conc: 751.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: -0.002 min
Response: 182546914
Conc: 727.32 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:24
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.667	526.7E6	332.7E6	50.000	50.000
2)	SA Decachlor...	8.702	8.650	362.9E6	91746330	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.744	113.8E6	74818775	500.000	500.000
22)	L5 AR-1248-2	5.000	4.980	153.6E6	101.6E6	500.000	500.000
23)	L5 AR-1248-3	5.214	5.021	196.5E6	106.4E6	500.000	500.000
24)	L5 AR-1248-4	5.568	5.192	287.8E6	126.8E6	500.000	500.000
25)	L5 AR-1248-5	5.609	5.582	195.3E6	125.5E6	500.000	500.000

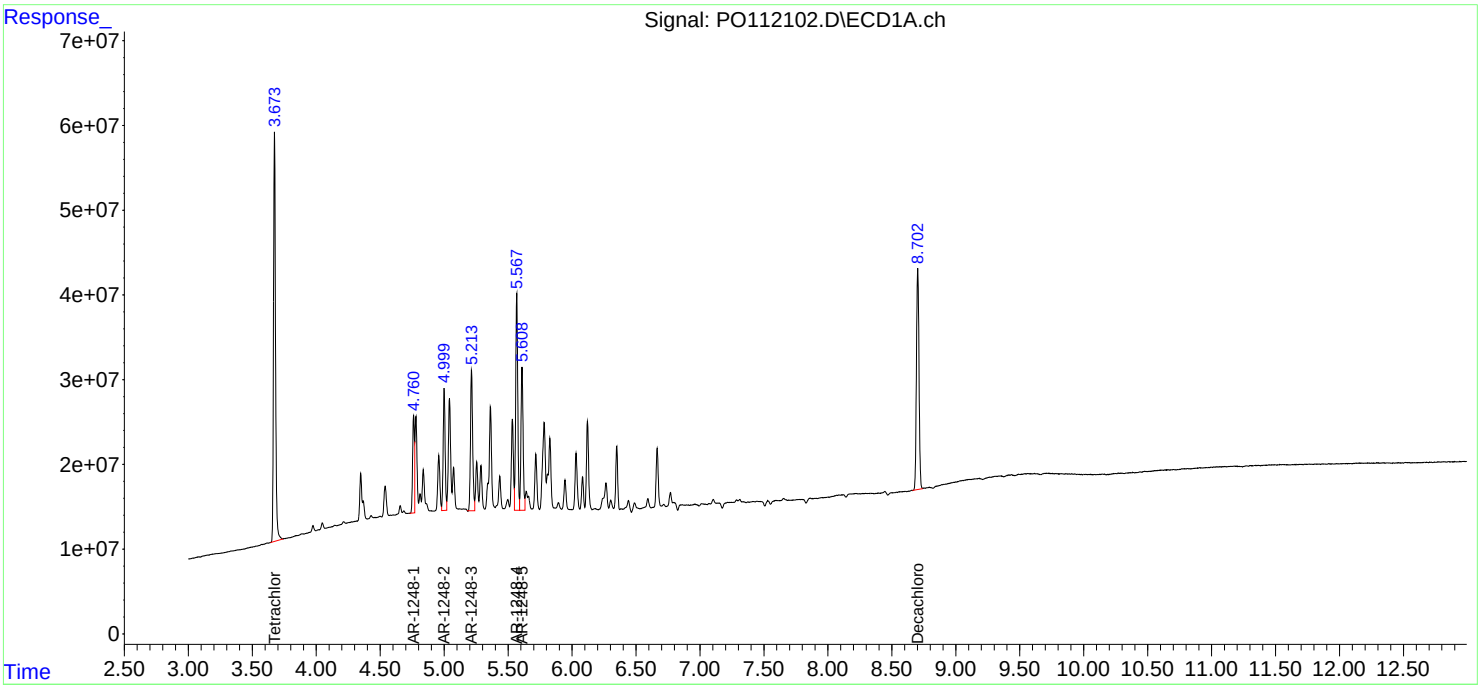
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

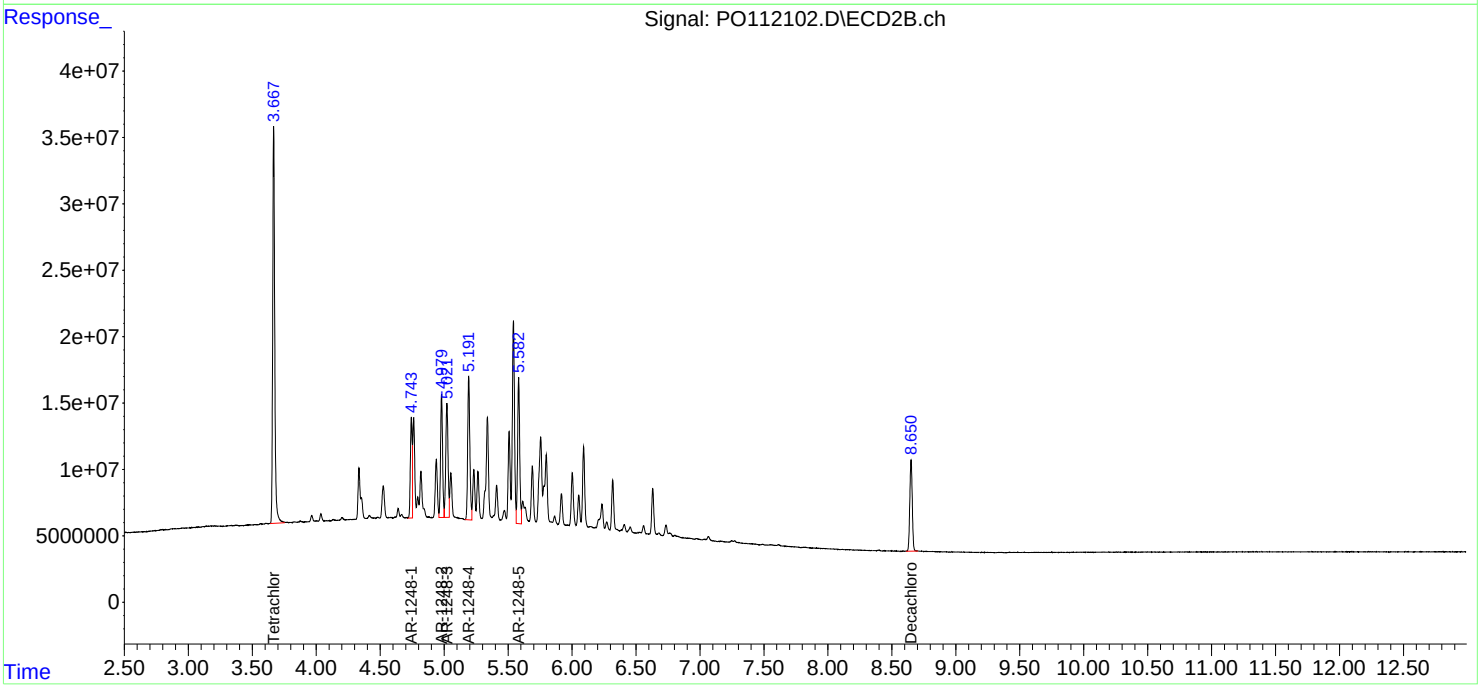
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:24
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

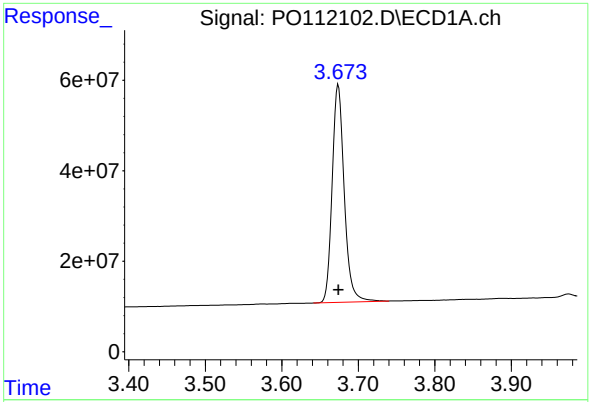
Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



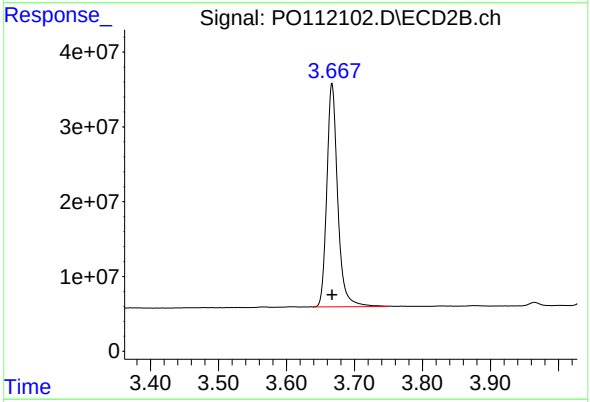




#1 Tetrachloro-m-xylene

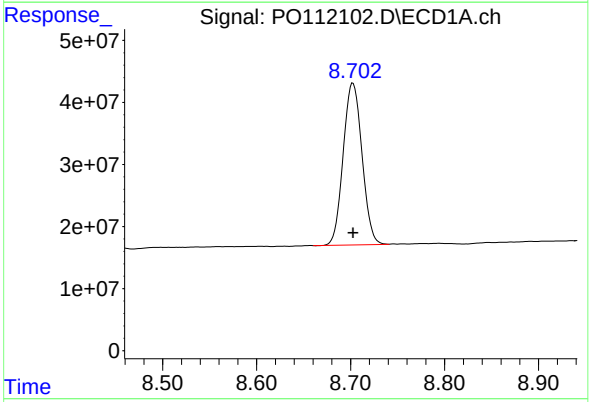
R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 526650834
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



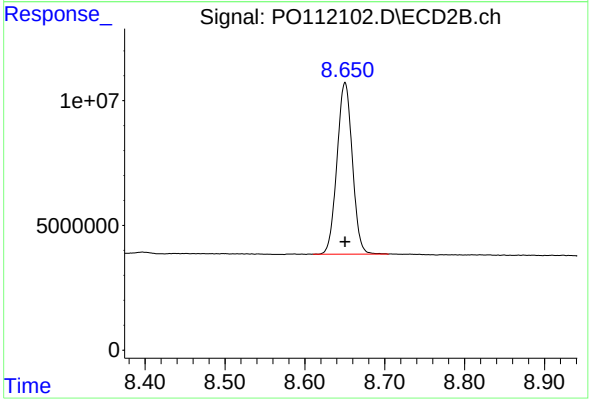
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 332667938
Conc: 50.00 ng/ml



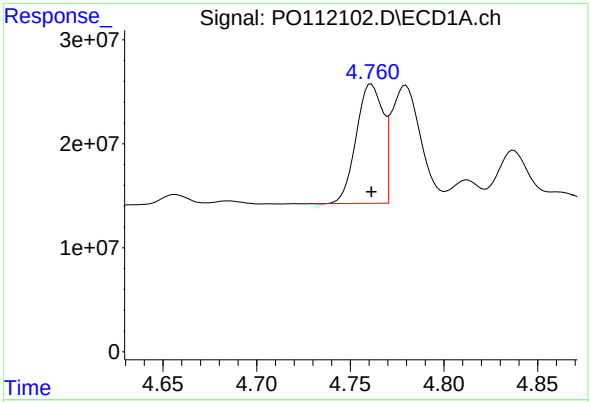
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 362930520
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

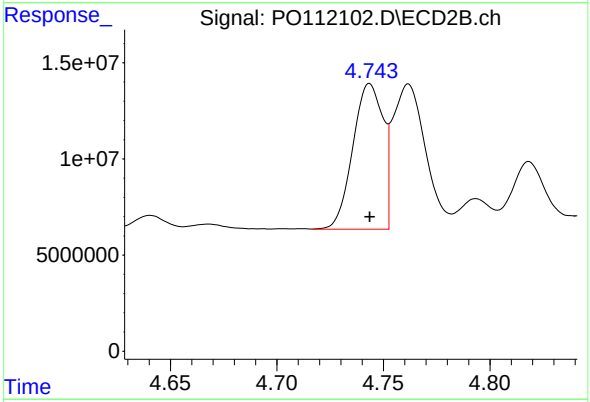
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 91746330
Conc: 50.00 ng/ml



#21 AR-1248-1

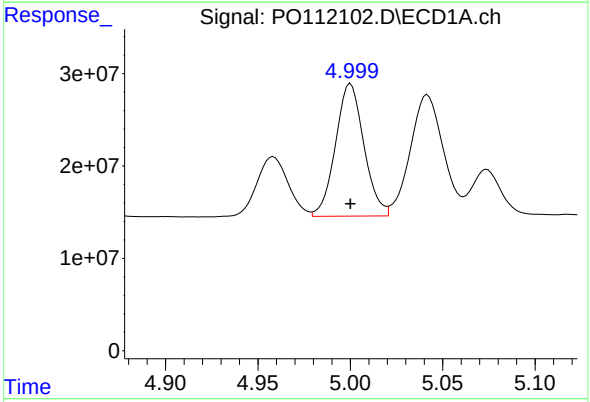
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 113812552
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



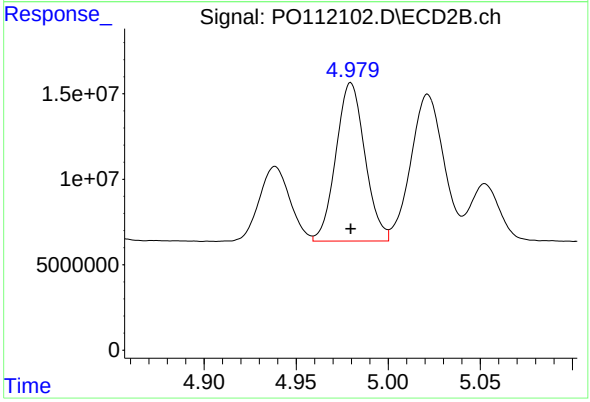
#21 AR-1248-1

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 74818775
Conc: 500.00 ng/ml



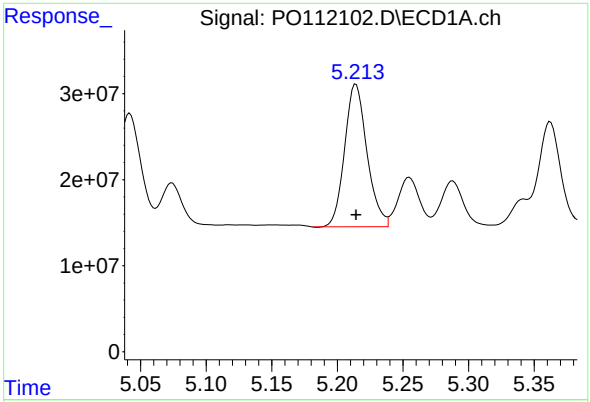
#22 AR-1248-2

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 153627900
Conc: 500.00 ng/ml



#22 AR-1248-2

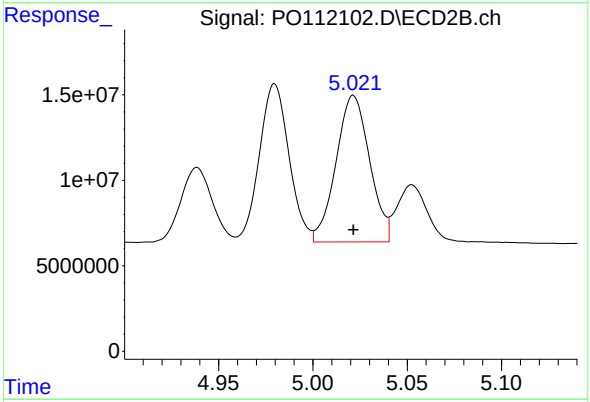
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 101561429
Conc: 500.00 ng/ml



#23 AR-1248-3

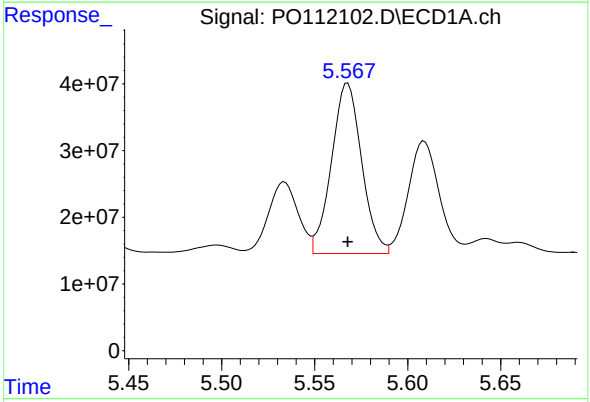
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 196459221
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



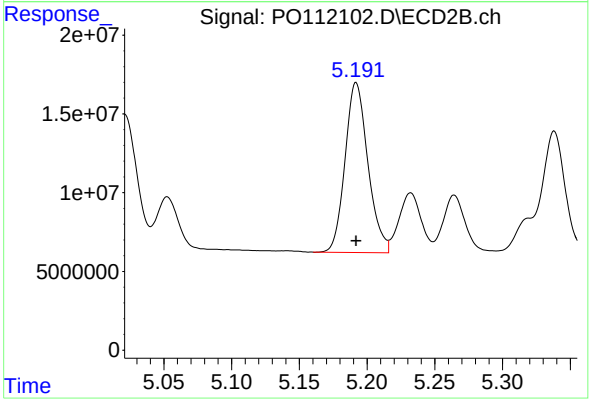
#23 AR-1248-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 106391699
Conc: 500.00 ng/ml



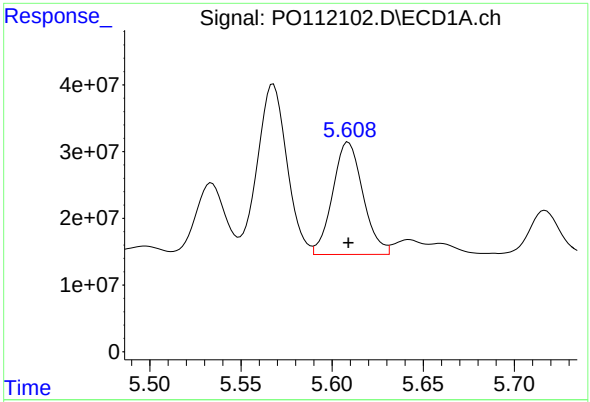
#24 AR-1248-4

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 287778581
Conc: 500.00 ng/ml



#24 AR-1248-4

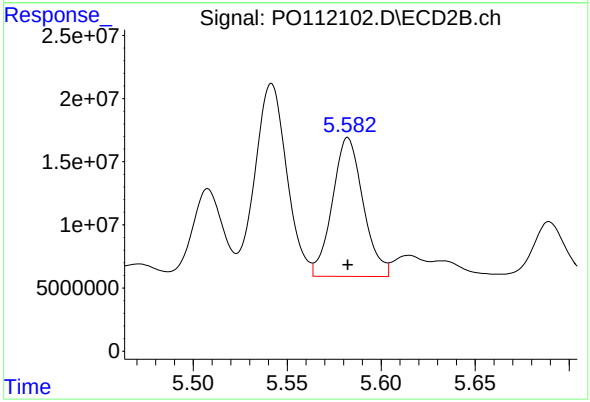
R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 126759508
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 195349183
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 125493298
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:41
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	291.9E6	186.4E6	27.709	28.020
2)	SA Decachlor...	8.702	8.649	189.2E6	49988120	26.067	27.243
	Target Compounds						
21)	L5 AR-1248-1	4.759	4.742	62843351	43399528	276.083	290.031
22)	L5 AR-1248-2	4.997	4.978	87401333	57560333	284.458	283.377
23)	L5 AR-1248-3	5.211	5.020	114.9E6	60695146	292.428	285.244
24)	L5 AR-1248-4	5.565	5.190	153.8E6	74439996	267.224	293.627
25)	L5 AR-1248-5	5.606	5.581	108.9E6	74875919	278.783	298.326

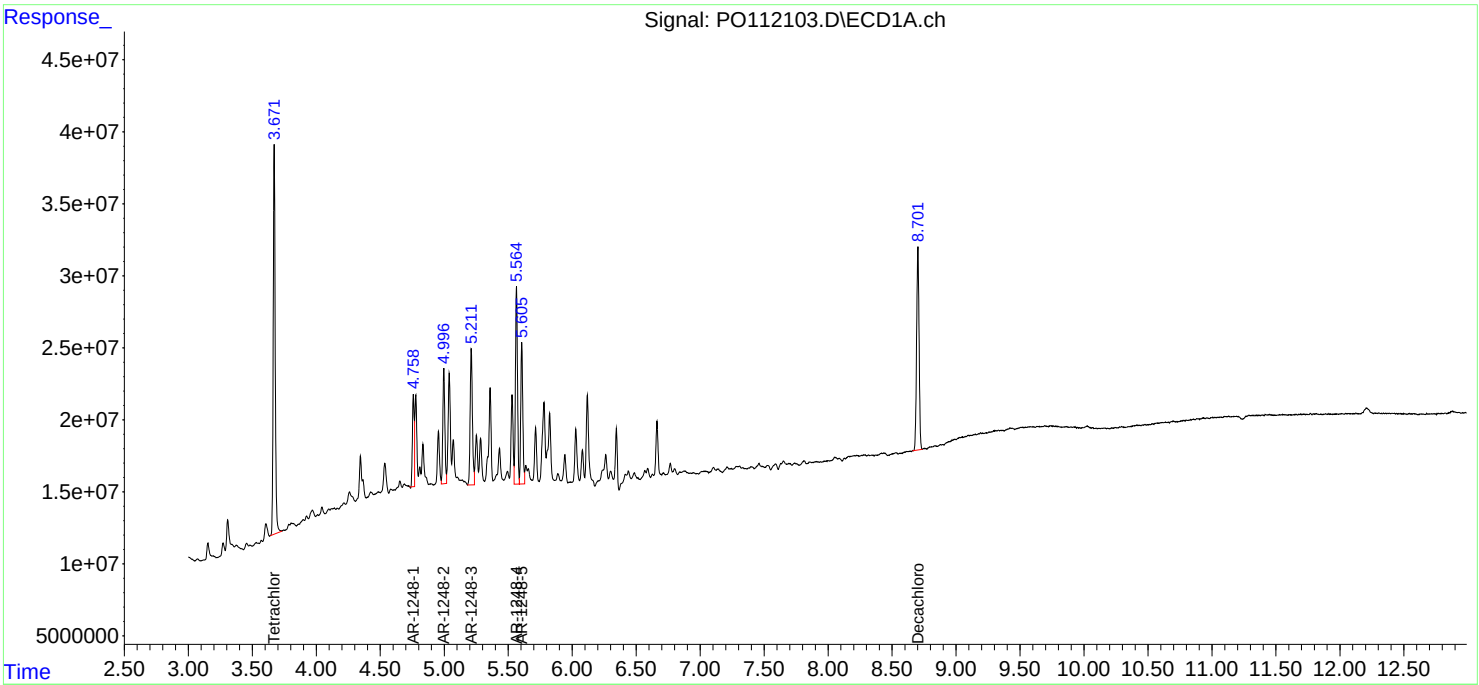
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

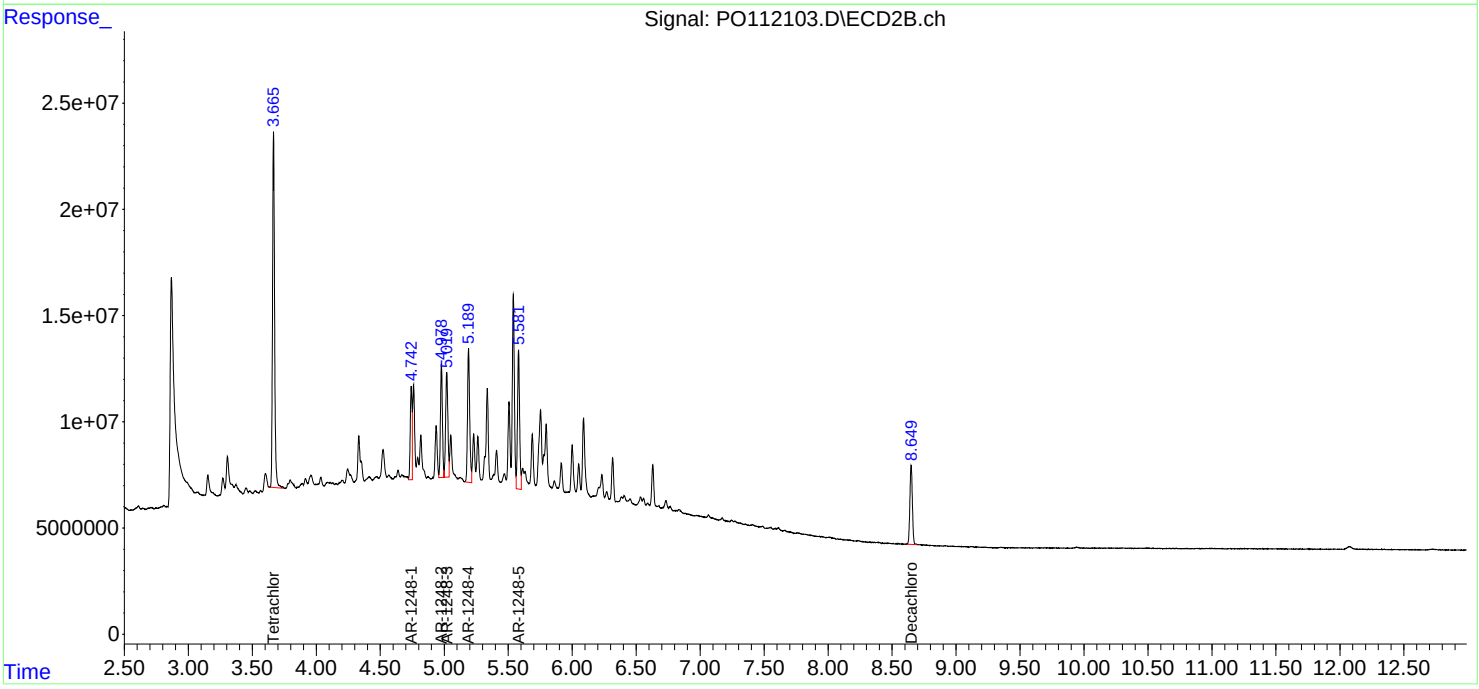
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:41
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

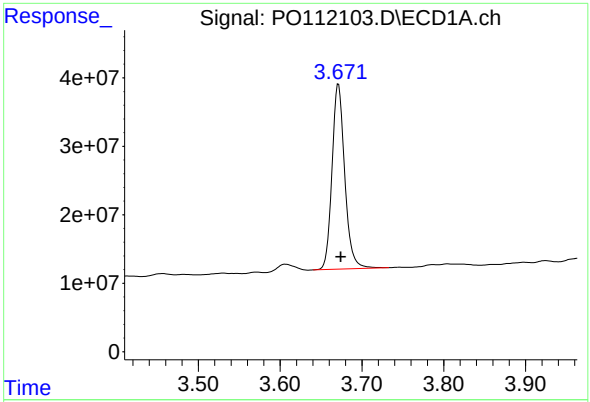
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



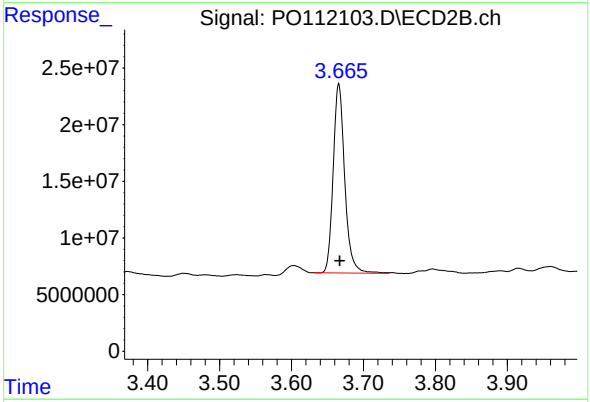




#1 Tetrachloro-m-xylene

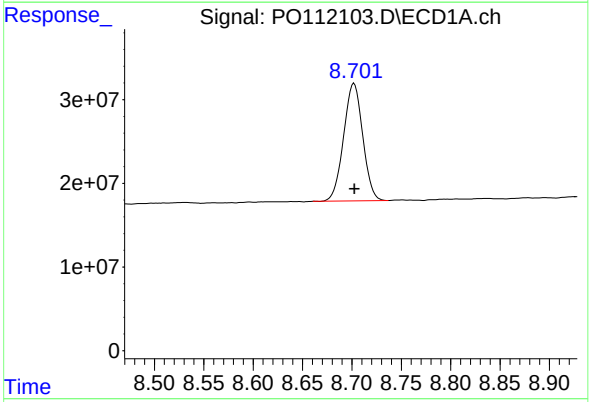
R.T.: 3.671 min
Delta R.T.: -0.003 min
Response: 291855307
Conc: 27.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



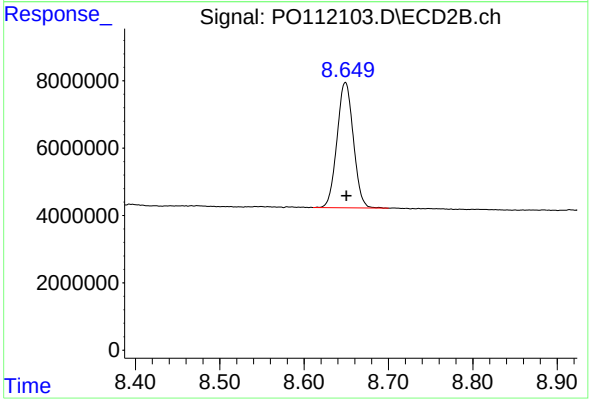
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 186430413
Conc: 28.02 ng/ml



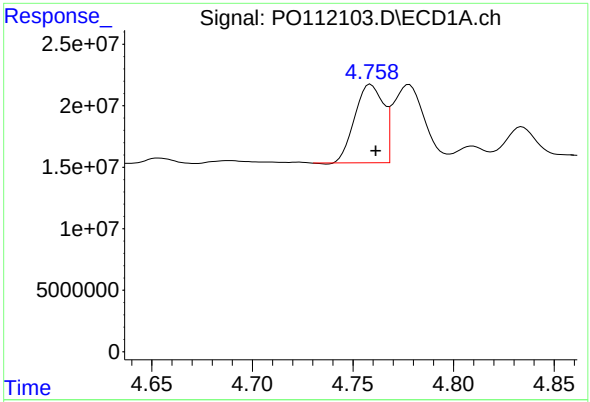
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 189212036
Conc: 26.07 ng/ml



#2 Decachlorobiphenyl

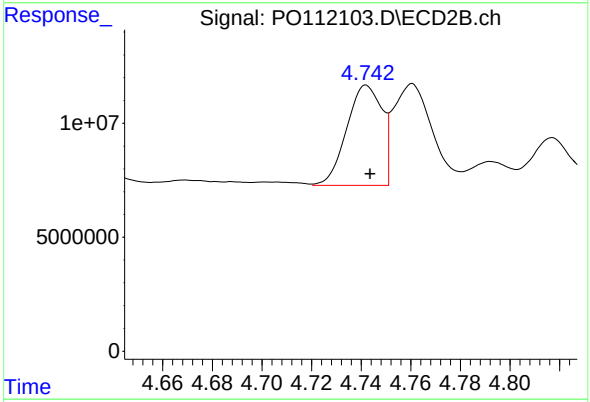
R.T.: 8.649 min
Delta R.T.: -0.001 min
Response: 49988120
Conc: 27.24 ng/ml



#21 AR-1248-1

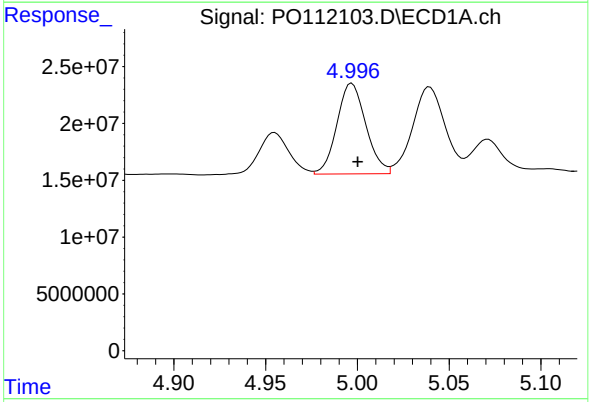
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 62843351
Conc: 276.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



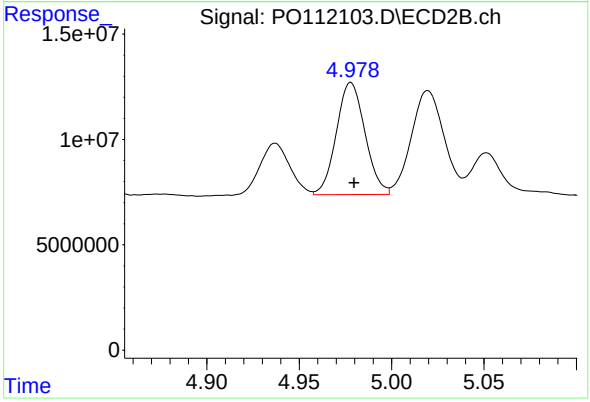
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 43399528
Conc: 290.03 ng/ml



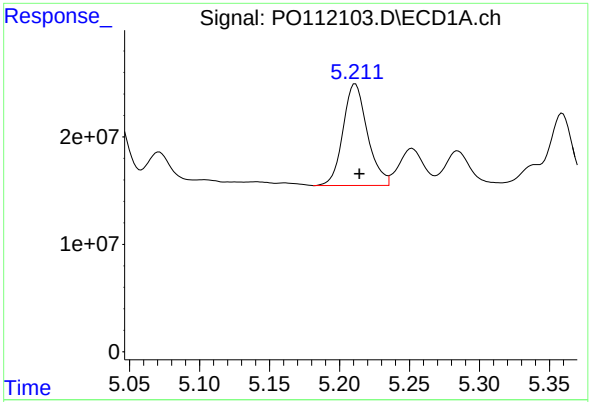
#22 AR-1248-2

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 87401333
Conc: 284.46 ng/ml



#22 AR-1248-2

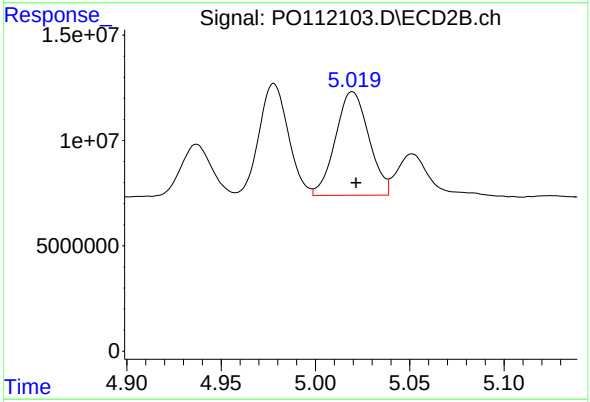
R.T.: 4.978 min
Delta R.T.: -0.002 min
Response: 57560333
Conc: 283.38 ng/ml



#23 AR-1248-3

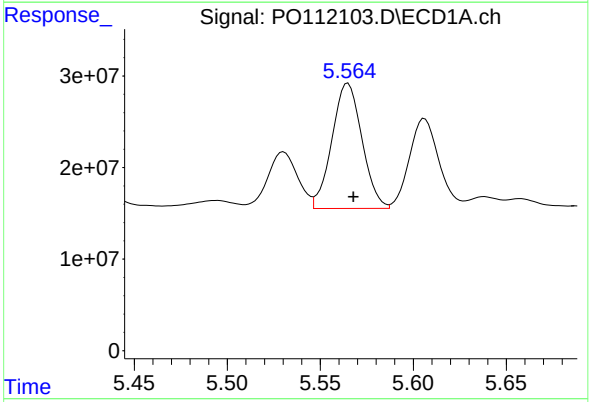
R.T.: 5.211 min
Delta R.T.: -0.003 min
Response: 114900435
Conc: 292.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



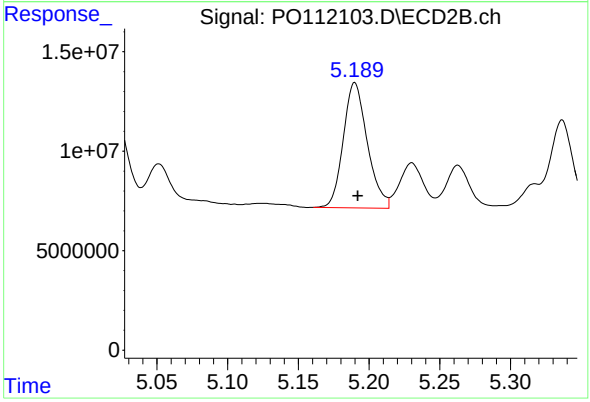
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.002 min
Response: 60695146
Conc: 285.24 ng/ml



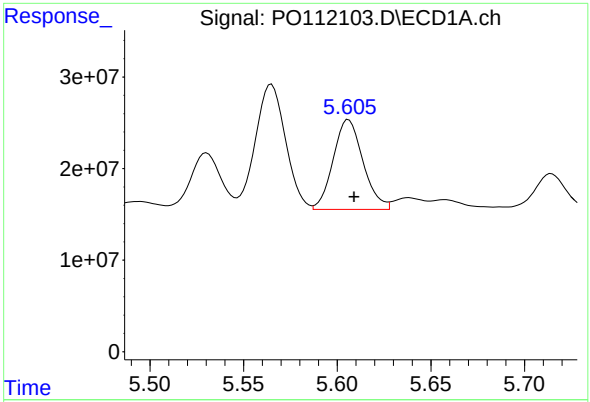
#24 AR-1248-4

R.T.: 5.565 min
Delta R.T.: -0.003 min
Response: 153802772
Conc: 267.22 ng/ml



#24 AR-1248-4

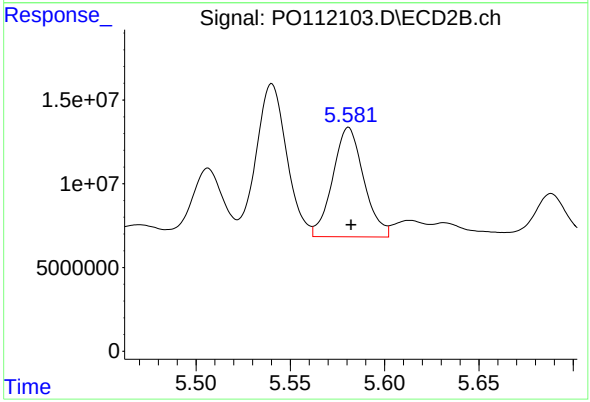
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 74439996
Conc: 293.63 ng/ml



#25 AR-1248-5

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 108920138
Conc: 278.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: -0.001 min
Response: 74875919
Conc: 298.33 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	43320523	27979420	4.113	4.205
2)	SA Decachlor...	8.703	8.650	29248819	7966074	4.030	4.341
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.742	9816500	7672405	43.126	51.273
22)	L5 AR-1248-2	4.999	4.979	13335961	9853335	43.403	48.509
23)	L5 AR-1248-3	5.213	5.020	19880304	9961976	50.597	46.817
24)	L5 AR-1248-4	5.567	5.191	27262638	12330568	47.367	48.638m
25)	L5 AR-1248-5	5.608	5.581	17126268	10723520	43.835	42.725m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

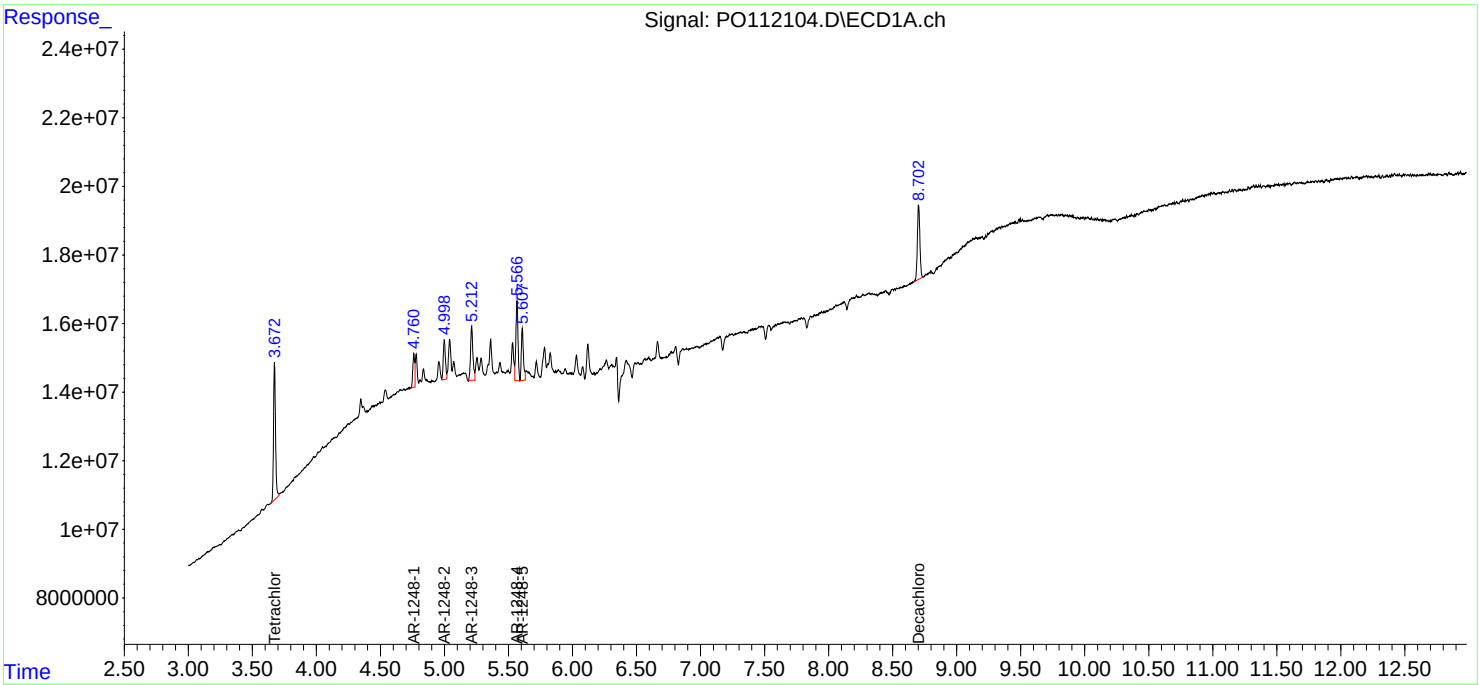
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

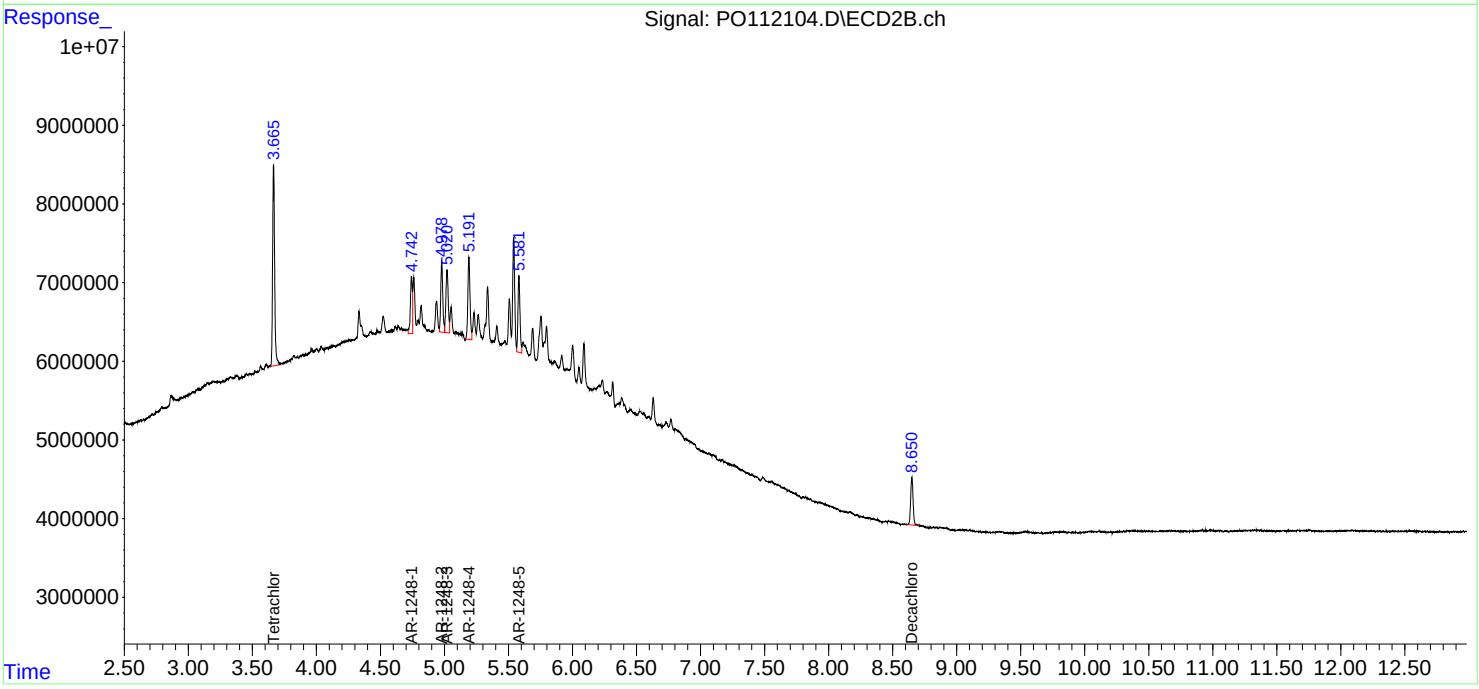
Manual Integrations APPROVED

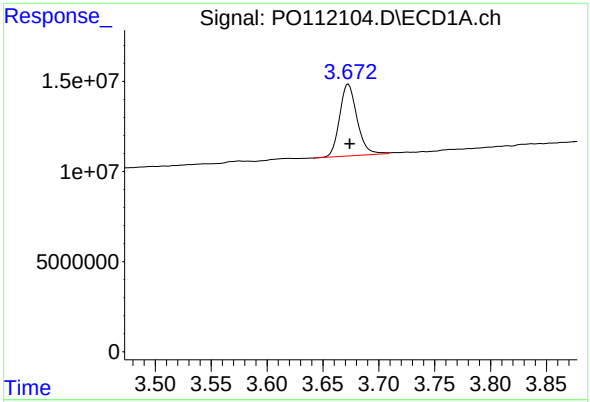
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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







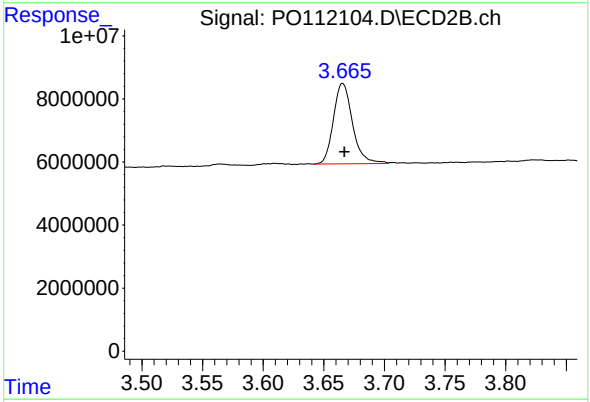
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: -0.001 min
Response: 43320523
Conc: 4.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

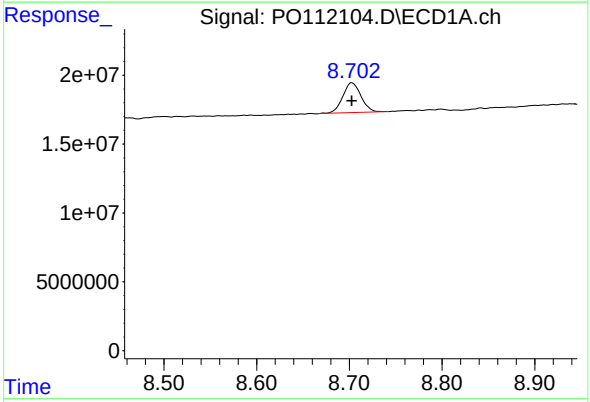
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



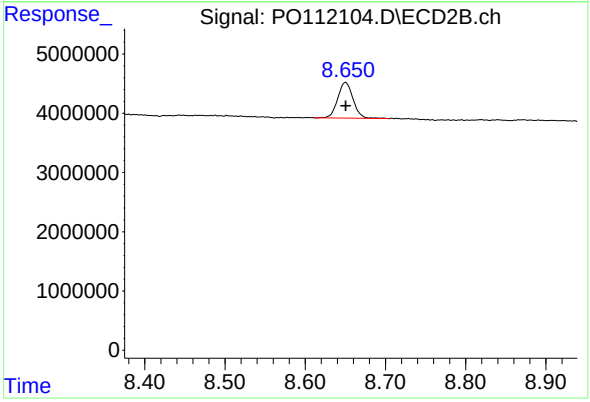
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 27979420
Conc: 4.21 ng/ml



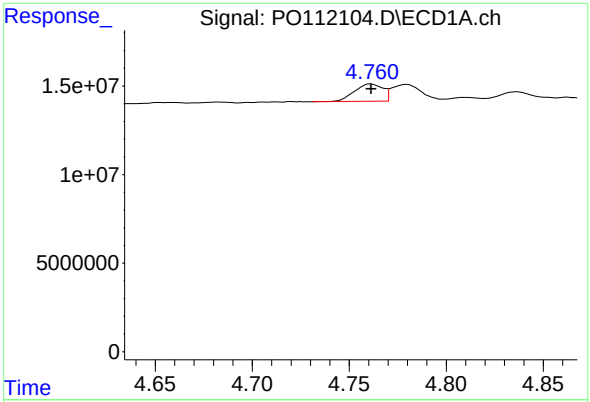
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 29248819
Conc: 4.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 7966074
Conc: 4.34 ng/ml



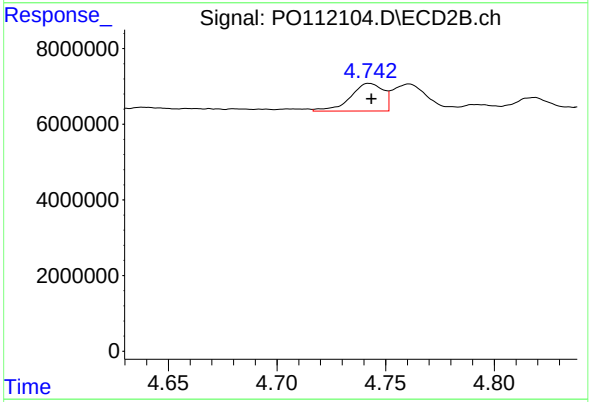
#21 AR-1248-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 9816500
Conc: 43.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

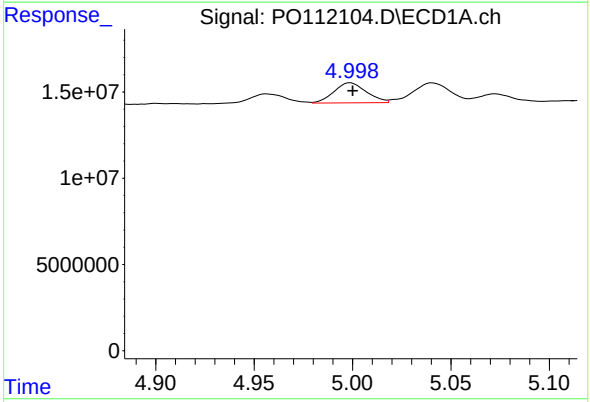
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



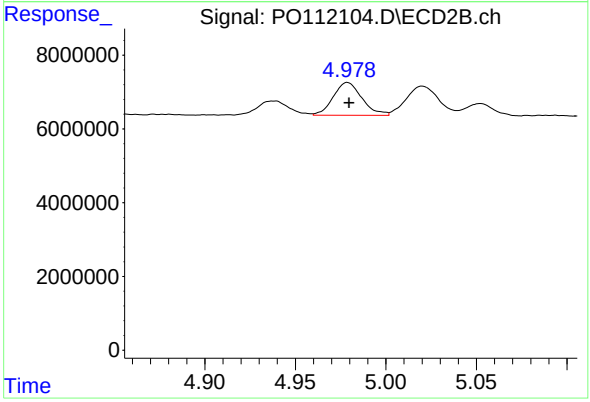
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 7672405
Conc: 51.27 ng/ml



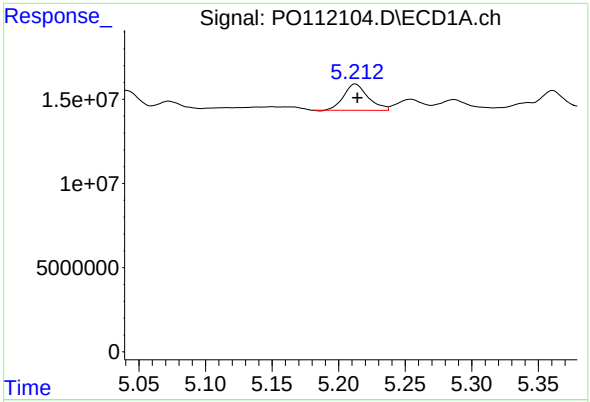
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 13335961
Conc: 43.40 ng/ml



#22 AR-1248-2

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9853335
Conc: 48.51 ng/ml



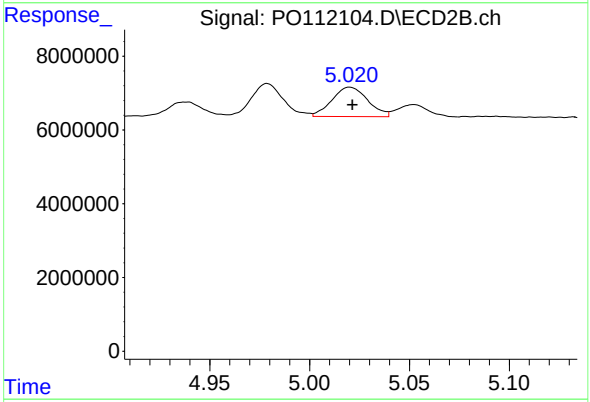
#23 AR-1248-3

R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 19880304
Conc: 50.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

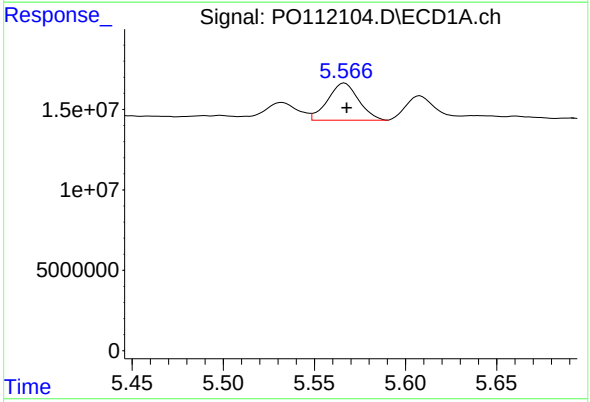
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



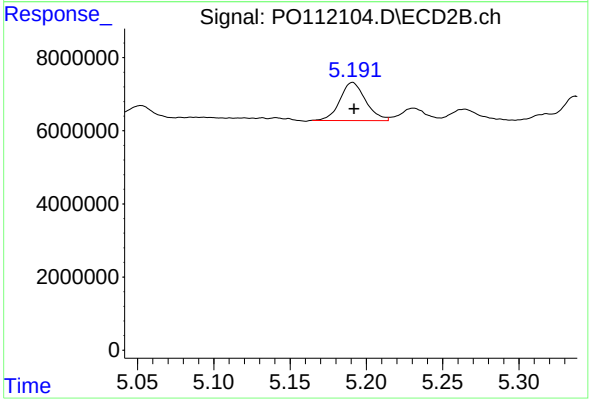
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 9961976
Conc: 46.82 ng/ml



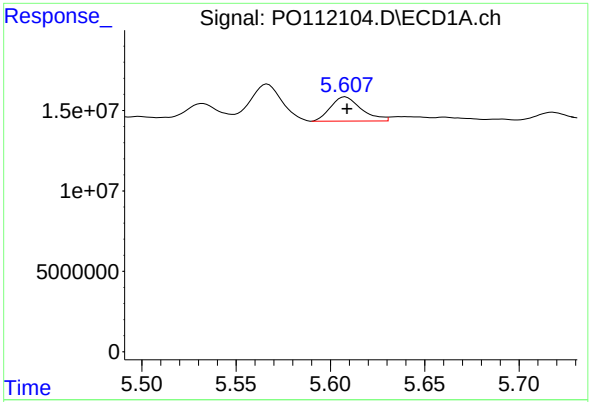
#24 AR-1248-4

R.T.: 5.567 min
Delta R.T.: -0.001 min
Response: 27262638
Conc: 47.37 ng/ml



#24 AR-1248-4

R.T.: 5.191 min
Delta R.T.: -0.001 min
Response: 12330568
Conc: 48.64 ng/ml m



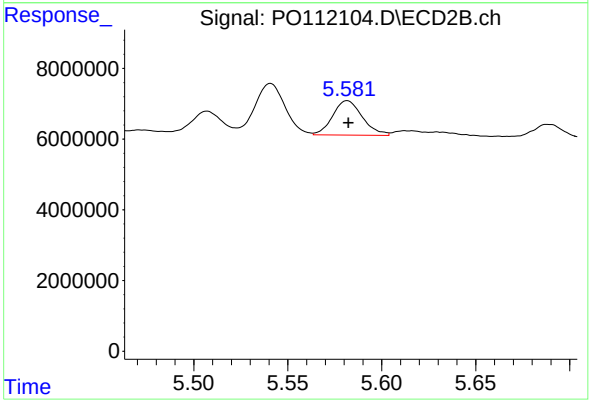
#25 AR-1248-5

R.T.: 5.608 min
Delta R.T.: -0.001 min
Response: 17126268
Conc: 43.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: -0.001 min
Response: 10723520
Conc: 42.73 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:18
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.666	1081.7E6	681.3E6	100.629	100.324
2)	SA Decachlor...	8.704	8.651	731.3E6	176.2E6	97.187	95.129
	Target Compounds						
26)	L6 AR-1254-1	5.567	5.542	596.4E6	358.7E6	968.859	952.427
27)	L6 AR-1254-2	5.716	5.689	526.6E6	309.3E6	978.251	948.939
28)	L6 AR-1254-3	6.120	6.090	832.4E6	457.0E6	985.524	970.955
29)	L6 AR-1254-4	6.349	6.317	488.3E6	242.7E6	924.821	917.706
30)	L6 AR-1254-5	6.769	6.735	772.8E6	340.9E6	976.309	957.333

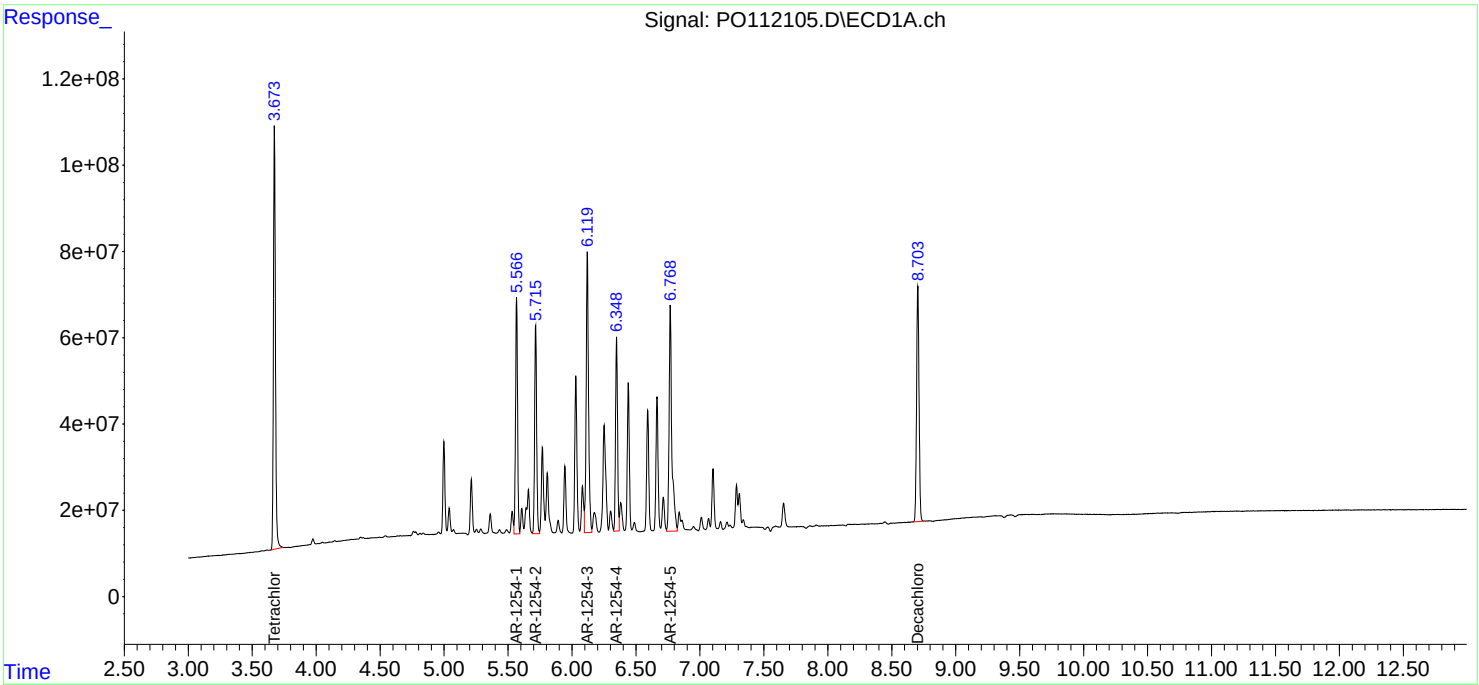
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

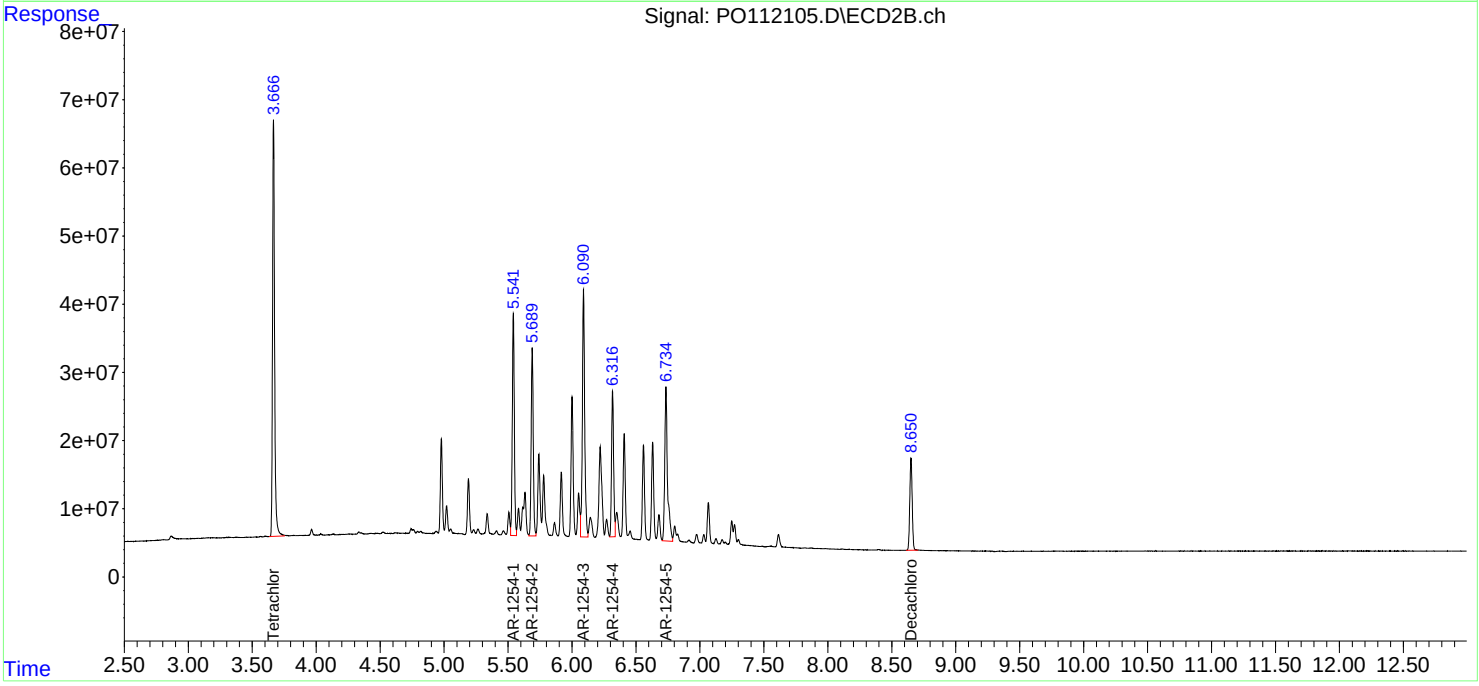
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:18
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

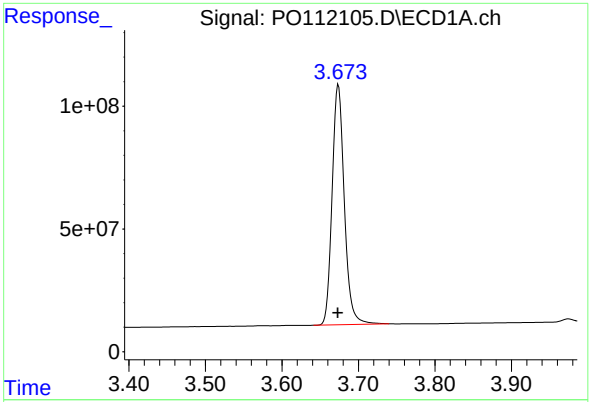
Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



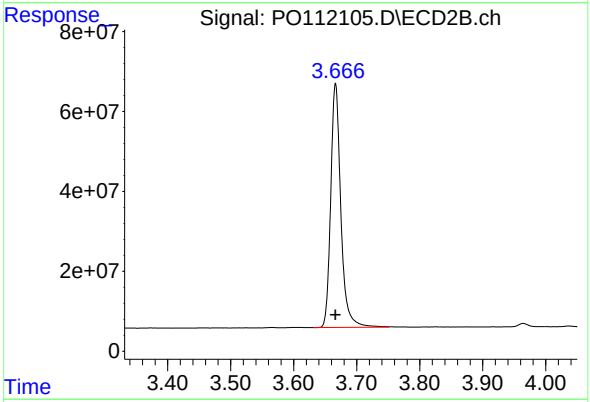




#1 Tetrachloro-m-xylene

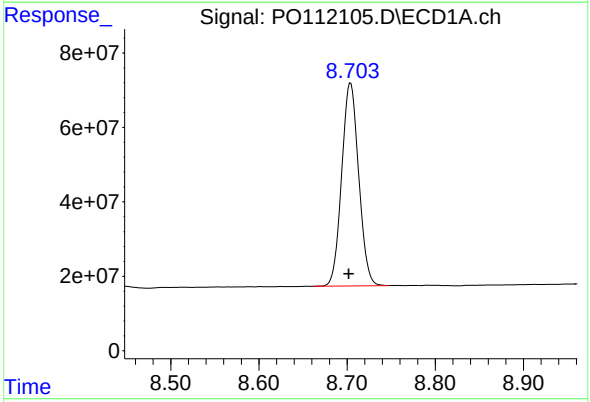
R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 1081749553
Conc: 100.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



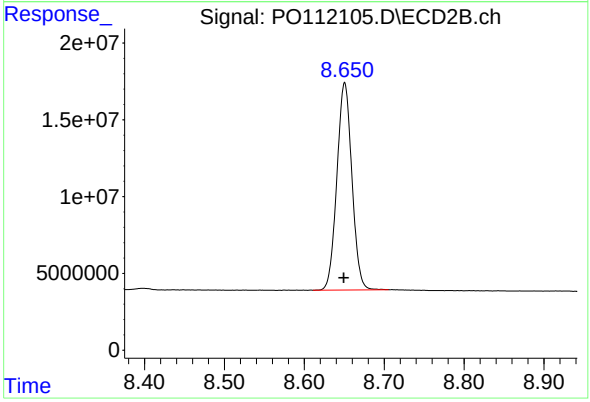
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 681267764
Conc: 100.32 ng/ml



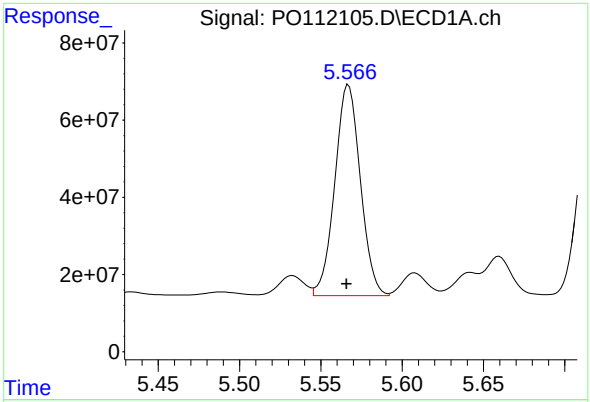
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.002 min
Response: 731321852
Conc: 97.19 ng/ml



#2 Decachlorobiphenyl

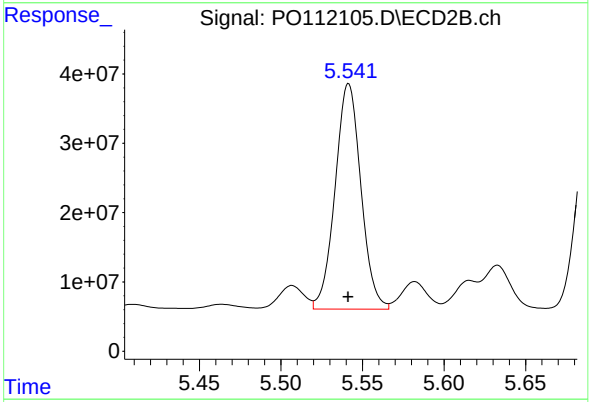
R.T.: 8.651 min
Delta R.T.: 0.001 min
Response: 176203798
Conc: 95.13 ng/ml



#26 AR-1254-1

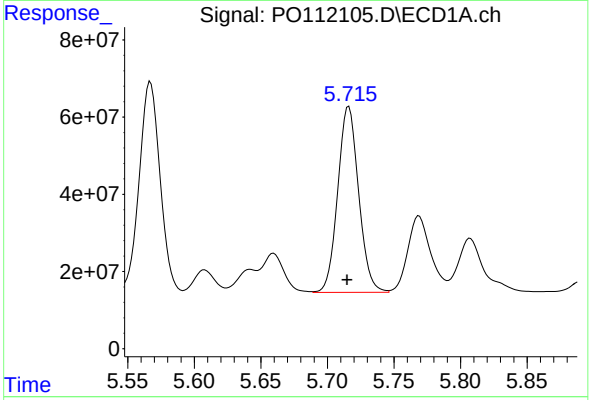
R.T.: 5.567 min
Delta R.T.: 0.001 min
Response: 596387386
Conc: 968.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



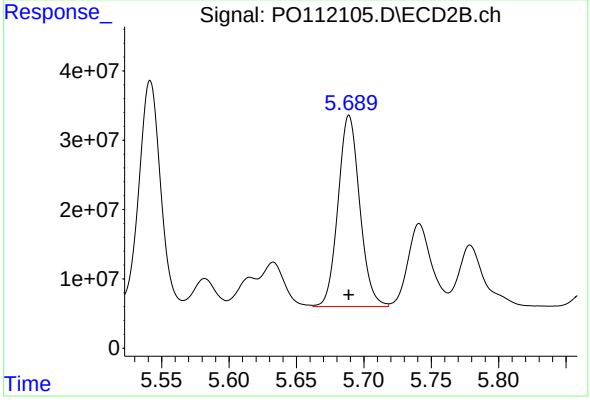
#26 AR-1254-1

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 358701312
Conc: 952.43 ng/ml



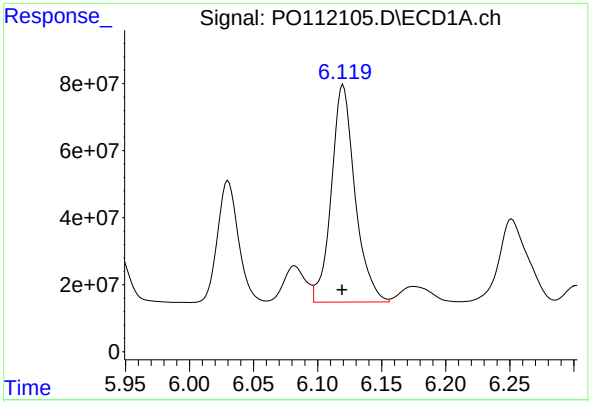
#27 AR-1254-2

R.T.: 5.716 min
Delta R.T.: 0.001 min
Response: 526620849
Conc: 978.25 ng/ml



#27 AR-1254-2

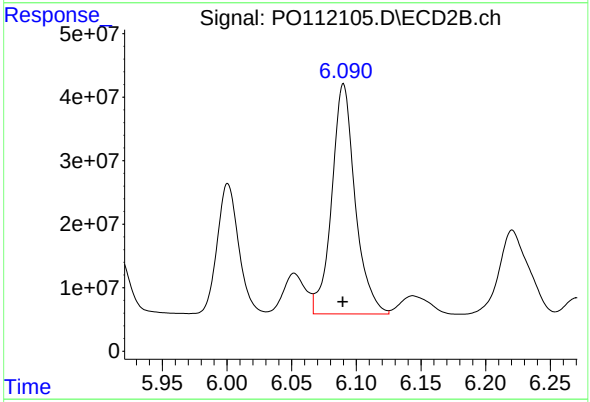
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 309319461
Conc: 948.94 ng/ml



#28 AR-1254-3

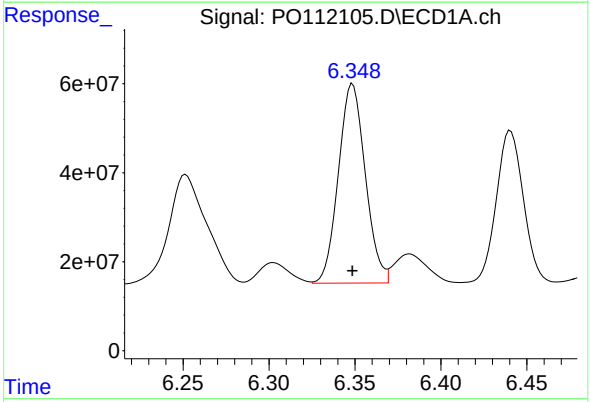
R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 832372124
Conc: 985.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



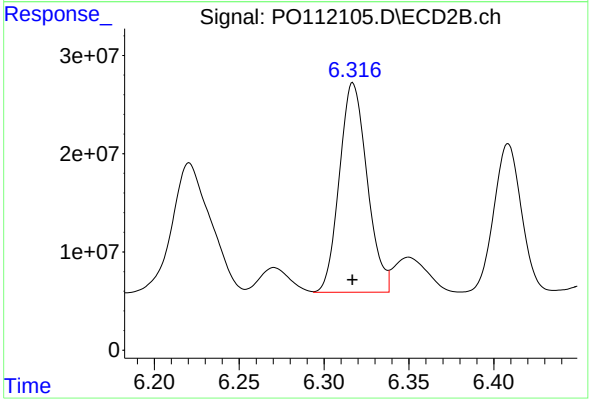
#28 AR-1254-3

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 457035033
Conc: 970.96 ng/ml



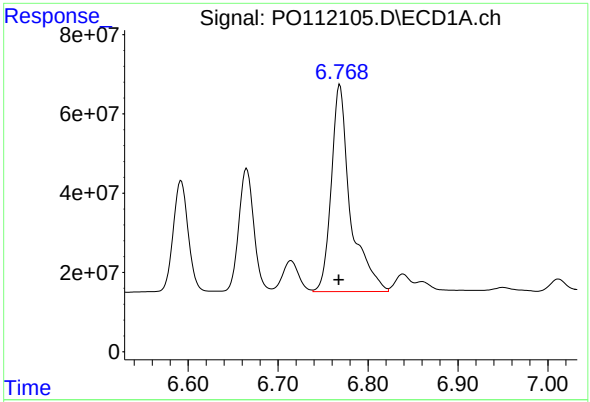
#29 AR-1254-4

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 488348458
Conc: 924.82 ng/ml



#29 AR-1254-4

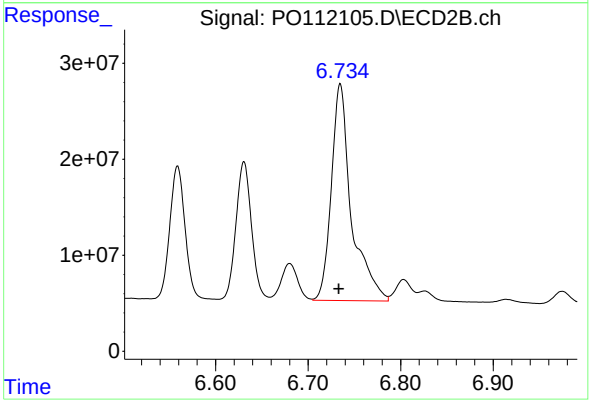
R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 242702235
Conc: 917.71 ng/ml



#30 AR-1254-5

R.T.: 6.769 min
Delta R.T.: 0.001 min
Response: 772769124
Conc: 976.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.735 min
Delta R.T.: 0.002 min
Response: 340856875
Conc: 957.33 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:35
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	822.8E6	521.0E6	76.536	76.717
2)	SA Decachlor...	8.701	8.649	552.3E6	135.1E6	73.395	72.926
	Target Compounds						
26)	L6 AR-1254-1	5.564	5.541	461.5E6	279.3E6	749.690	741.534
27)	L6 AR-1254-2	5.714	5.689	406.1E6	238.9E6	754.357	732.842
28)	L6 AR-1254-3	6.118	6.090	636.3E6	355.1E6	753.353	754.409
29)	L6 AR-1254-4	6.347	6.317	412.9E6	198.3E6	782.017	749.977
30)	L6 AR-1254-5	6.767	6.733	589.5E6	261.7E6	744.724	734.939

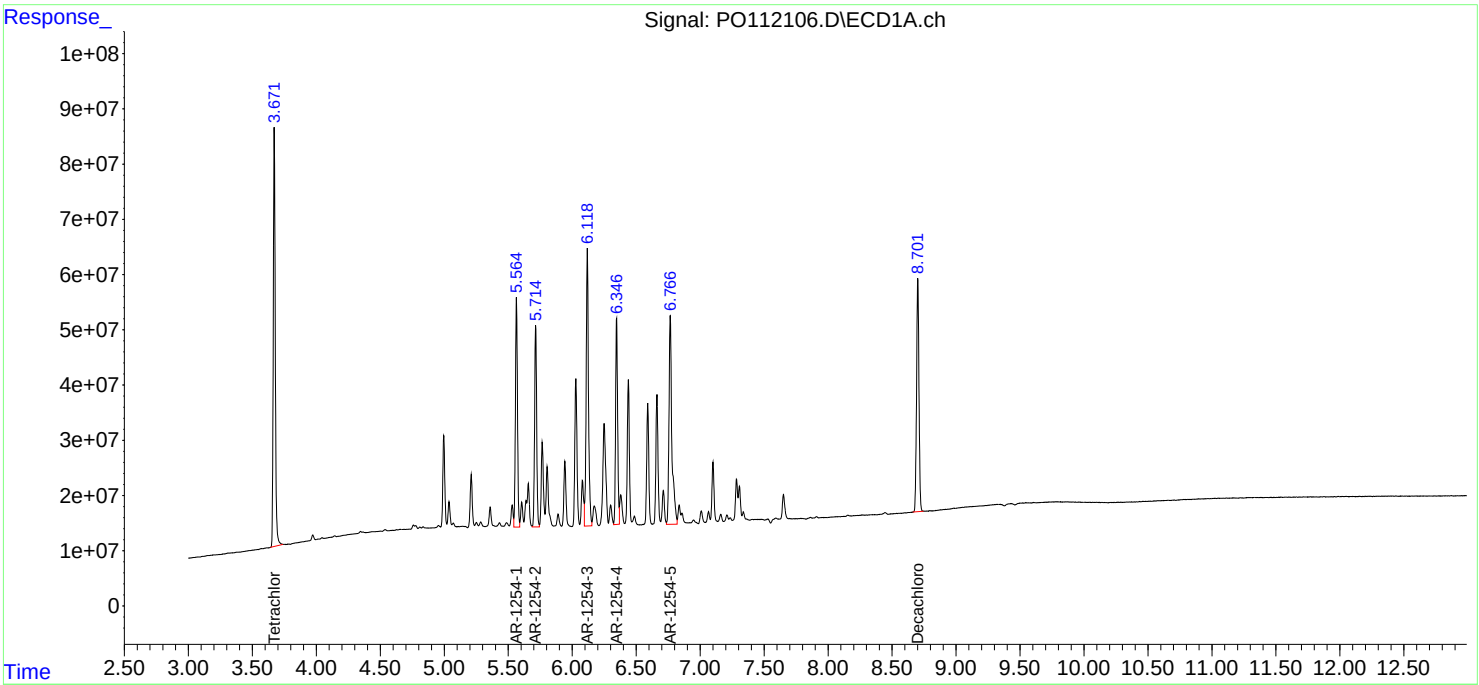
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

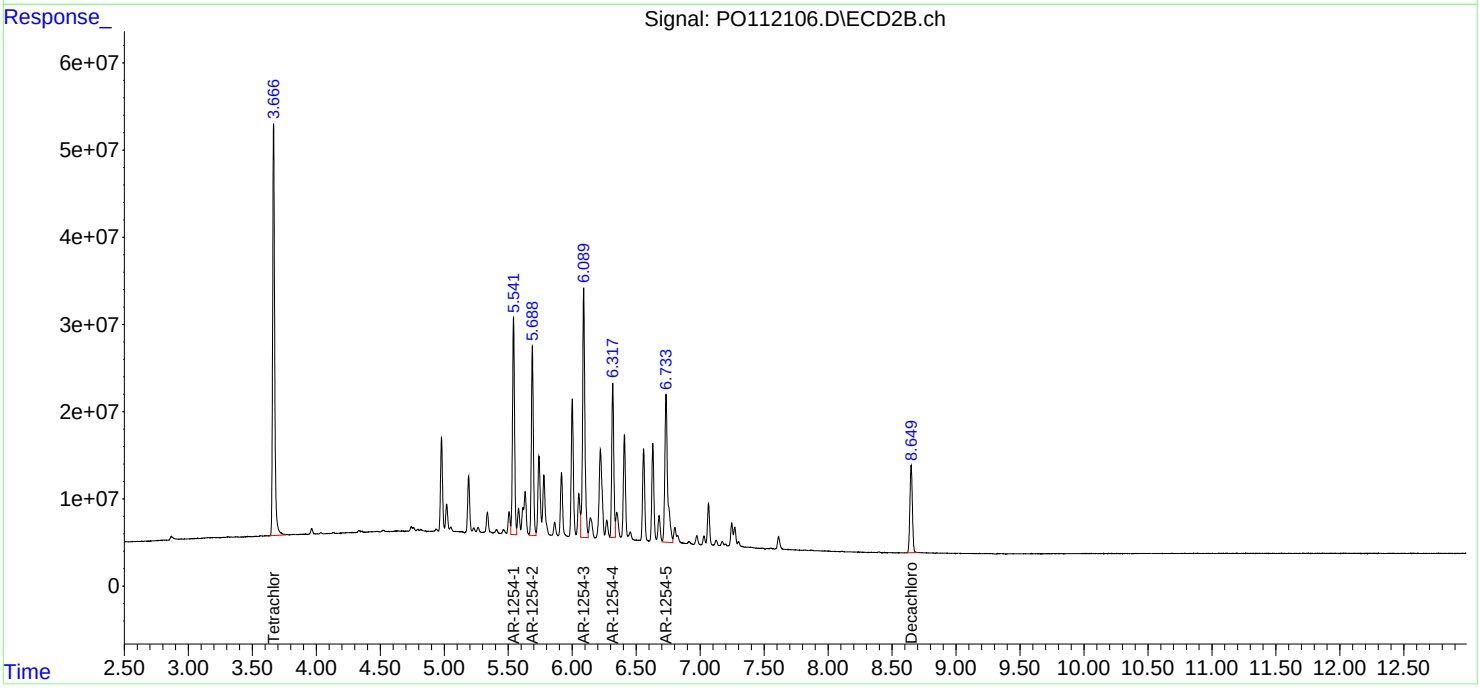
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:35
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

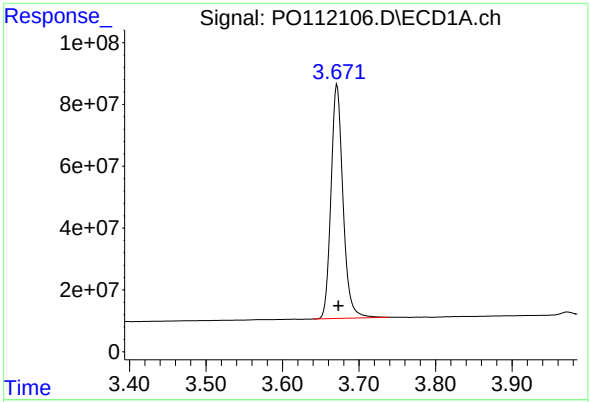
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



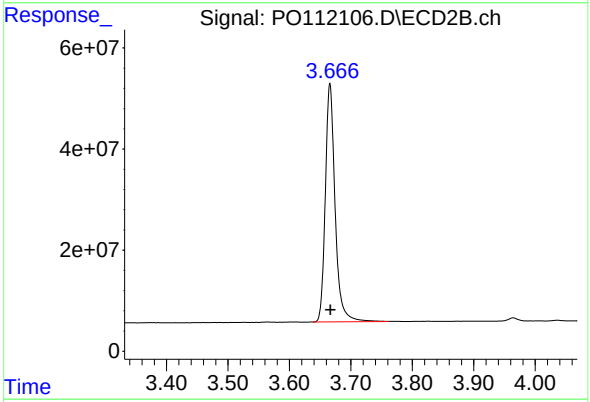




#1 Tetrachloro-m-xylene

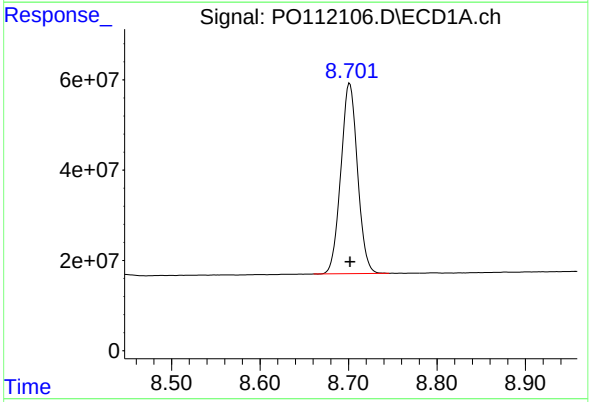
R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 822751477
Conc: 76.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



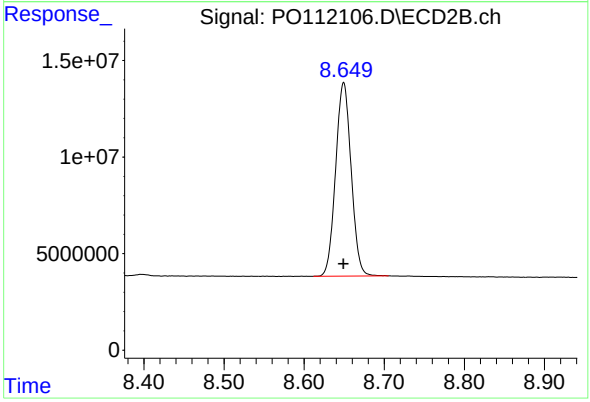
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 520964027
Conc: 76.72 ng/ml



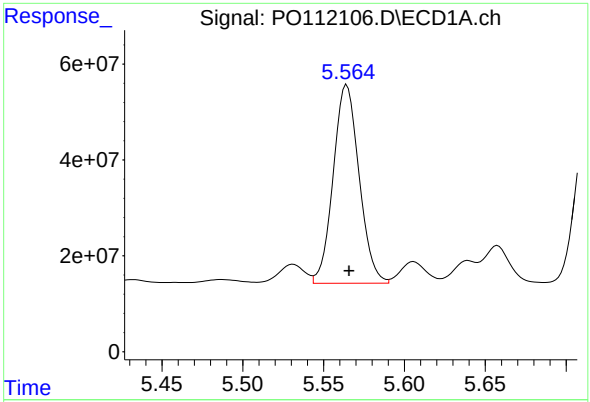
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 552292278
Conc: 73.40 ng/ml



#2 Decachlorobiphenyl

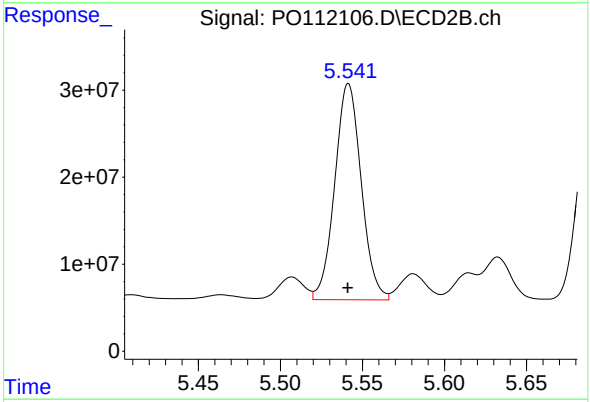
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 135078575
Conc: 72.93 ng/ml



#26 AR-1254-1

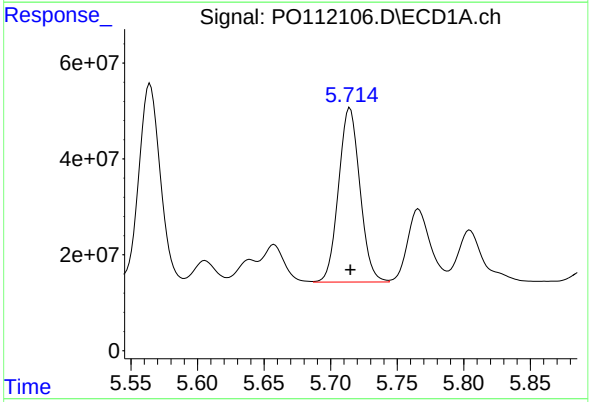
R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 461476391
Conc: 749.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



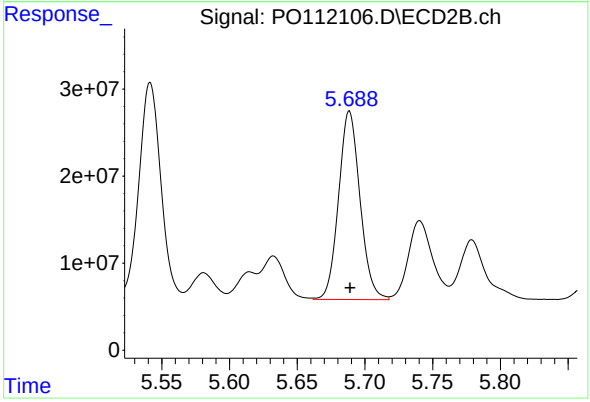
#26 AR-1254-1

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 279275100
Conc: 741.53 ng/ml



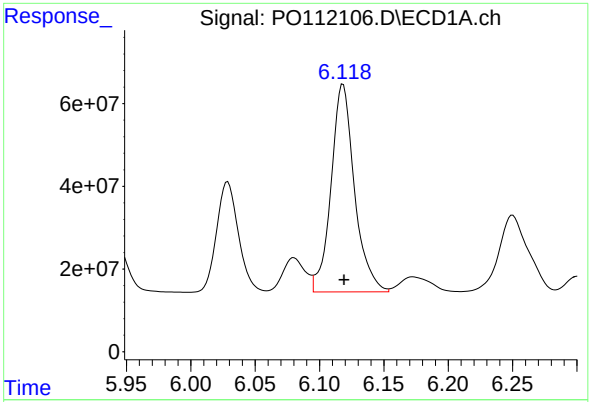
#27 AR-1254-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 406092372
Conc: 754.36 ng/ml



#27 AR-1254-2

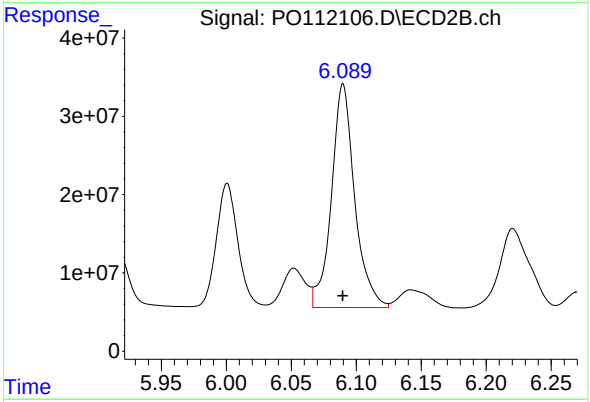
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 238879675
Conc: 732.84 ng/ml



#28 AR-1254-3

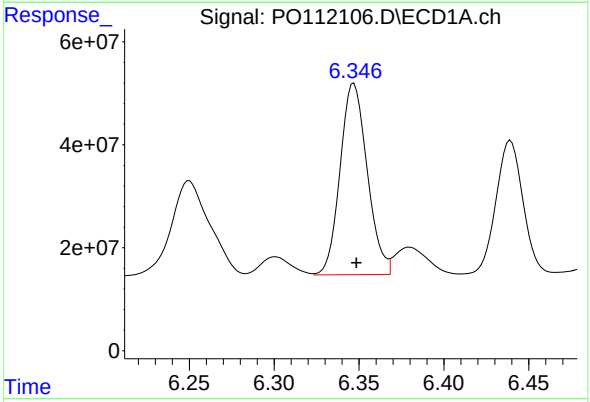
R.T.: 6.118 min
Delta R.T.: 0.000 min
Response: 636281329
Conc: 753.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



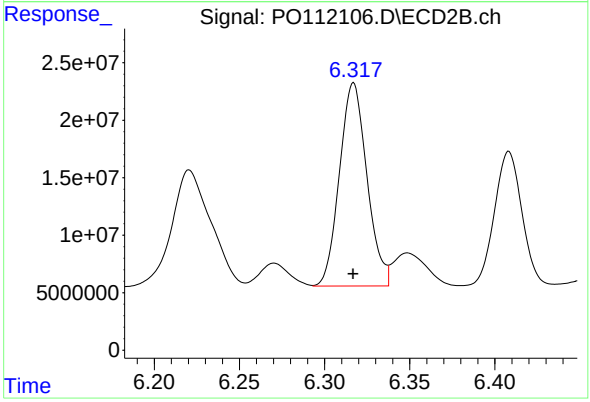
#28 AR-1254-3

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 355105051
Conc: 754.41 ng/ml



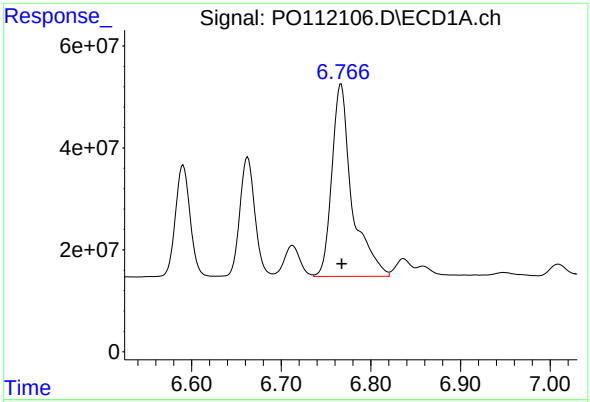
#29 AR-1254-4

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 412941412
Conc: 782.02 ng/ml



#29 AR-1254-4

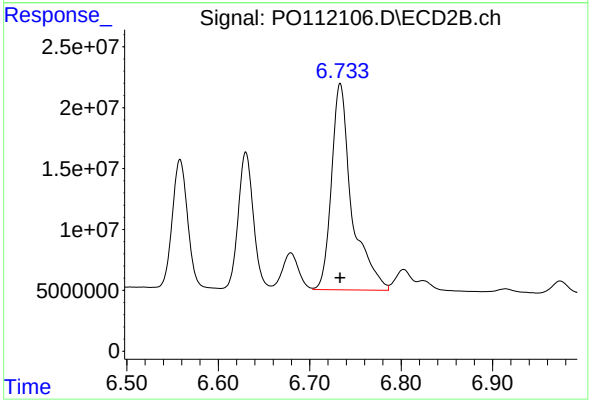
R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 198343540
Conc: 749.98 ng/ml



#30 AR-1254-5

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 589465205
Conc: 744.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 261674065
Conc: 734.94 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:54
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	537.5E6	339.5E6	50.000	50.000
2)	SA Decachlor...	8.702	8.649	376.2E6	92613439	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.566	5.541	307.8E6	188.3E6	500.000	500.000
27)	L6 AR-1254-2	5.715	5.689	269.2E6	163.0E6	500.000	500.000
28)	L6 AR-1254-3	6.119	6.090	422.3E6	235.4E6	500.000	500.000
29)	L6 AR-1254-4	6.348	6.317	264.0E6	132.2E6	500.000	500.000
30)	L6 AR-1254-5	6.767	6.733	395.8E6	178.0E6	500.000	500.000

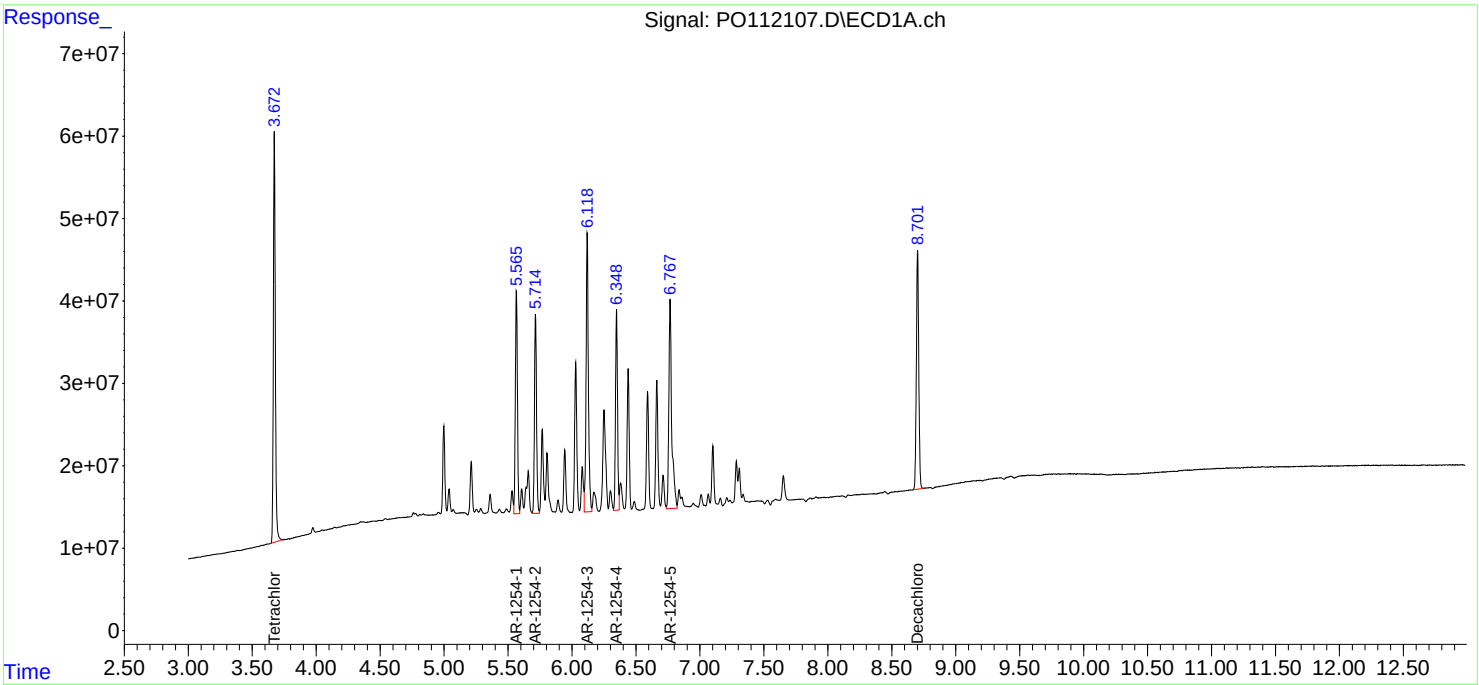
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

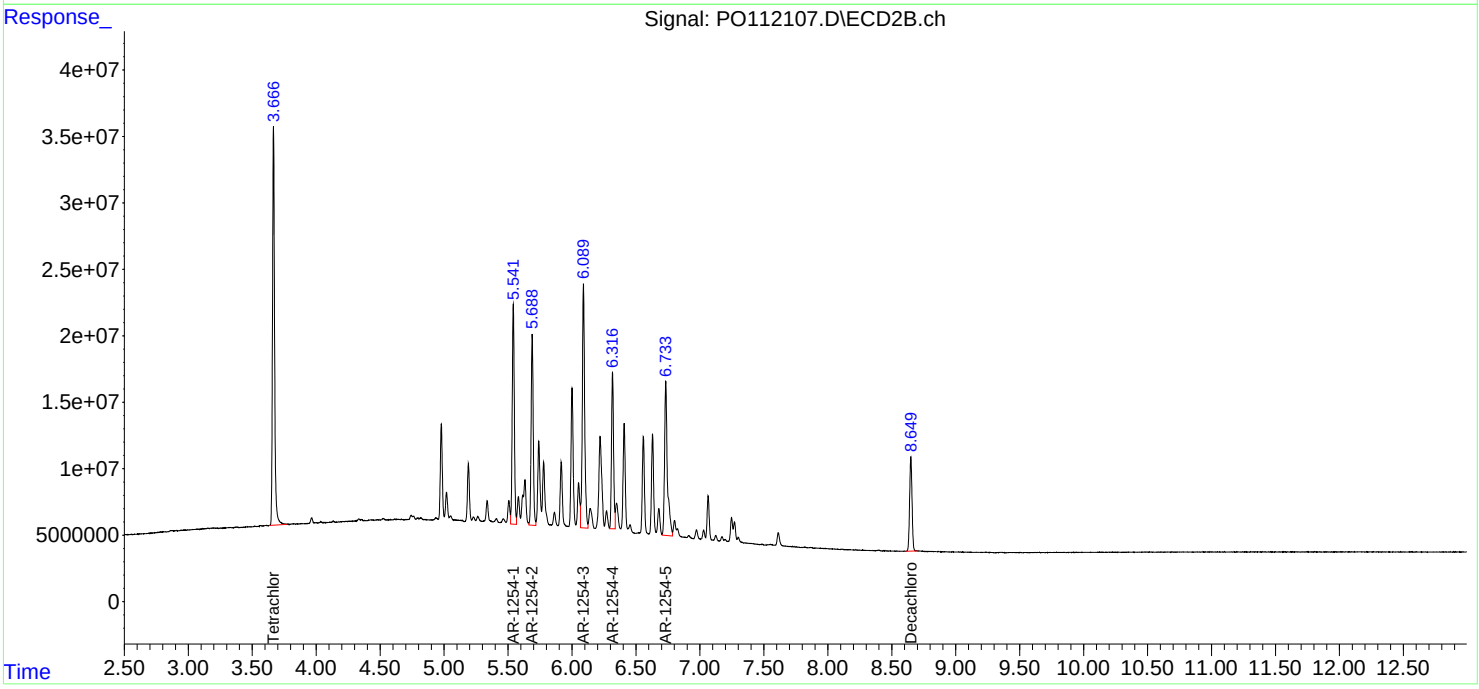
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:54
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

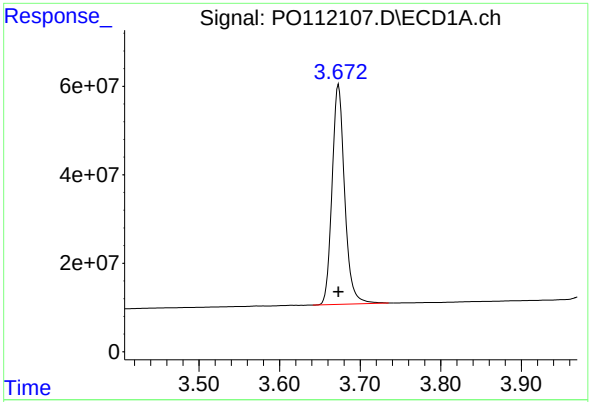
Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



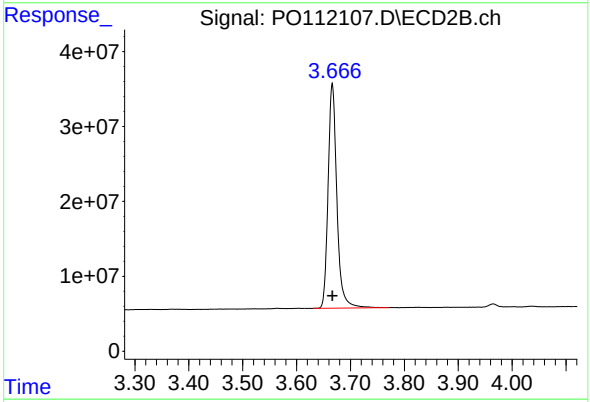




#1 Tetrachloro-m-xylene

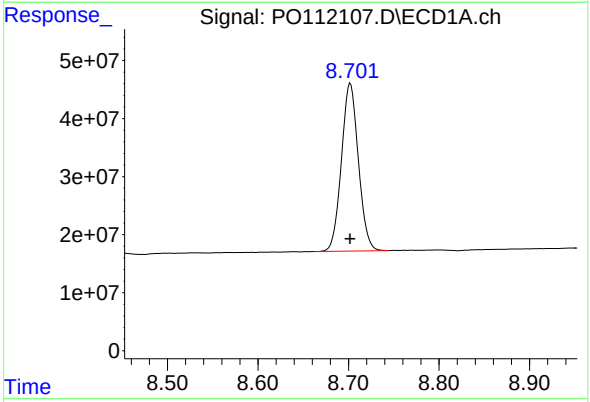
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 537493163
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



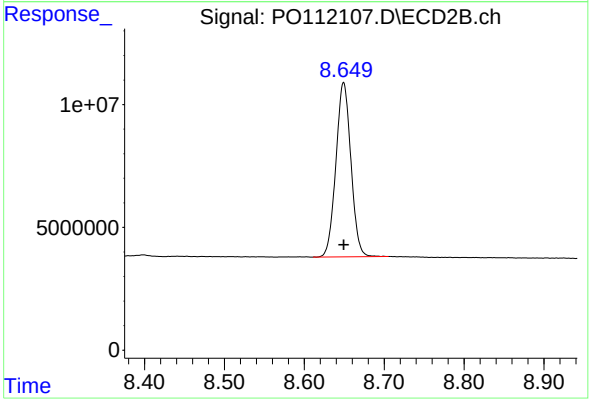
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 339534317
Conc: 50.00 ng/ml



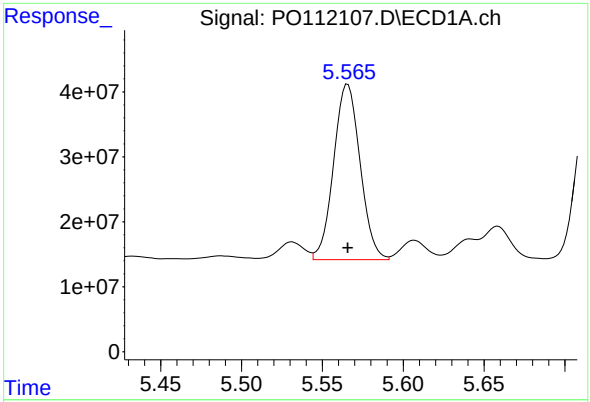
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 376245478
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

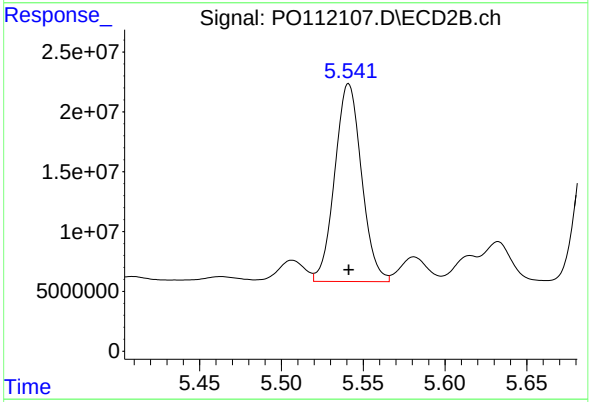
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 92613439
Conc: 50.00 ng/ml



#26 AR-1254-1

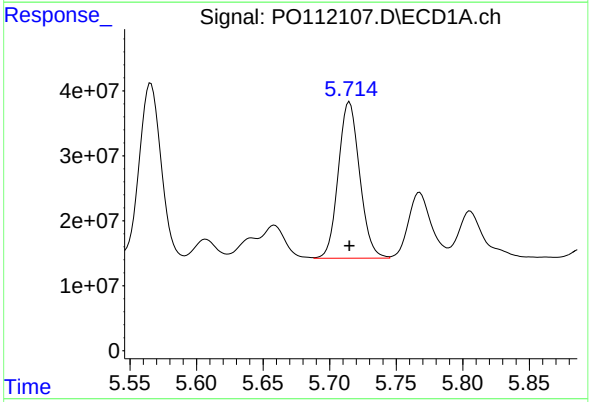
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 307778107
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



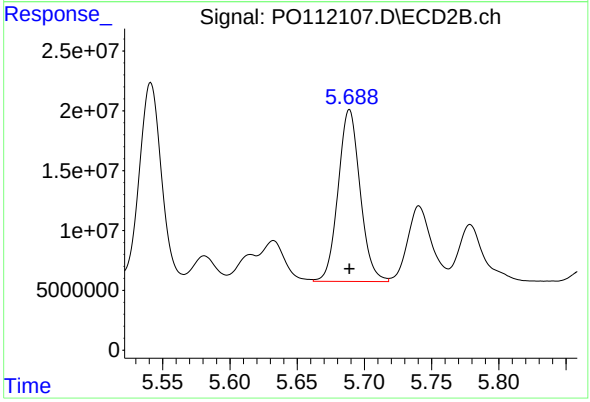
#26 AR-1254-1

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 188309119
Conc: 500.00 ng/ml



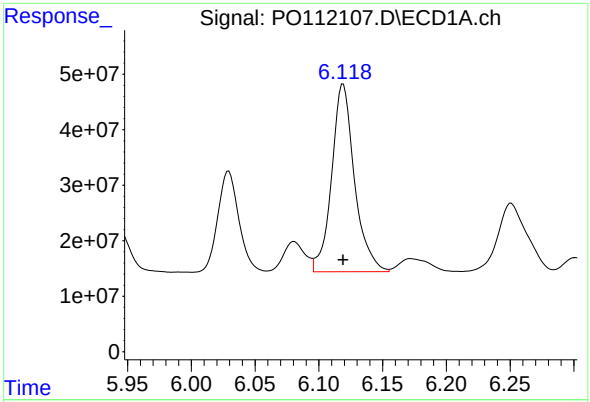
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 269164575
Conc: 500.00 ng/ml



#27 AR-1254-2

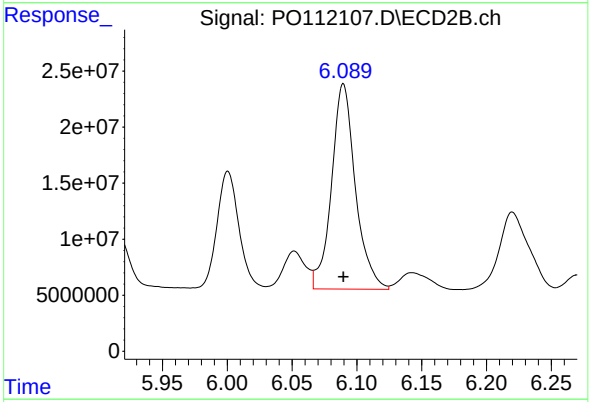
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 162981710
Conc: 500.00 ng/ml



#28 AR-1254-3

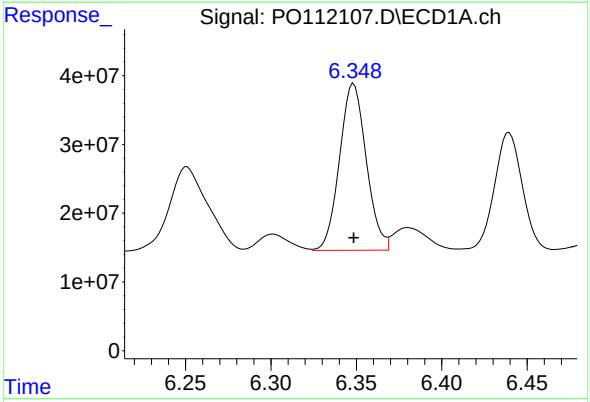
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 422299438
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



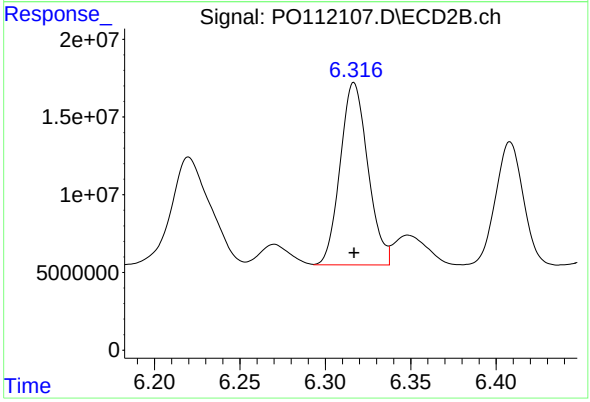
#28 AR-1254-3

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 235353258
Conc: 500.00 ng/ml



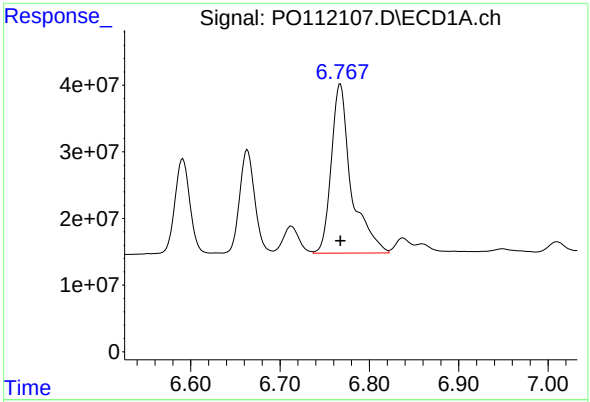
#29 AR-1254-4

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 264023259
Conc: 500.00 ng/ml



#29 AR-1254-4

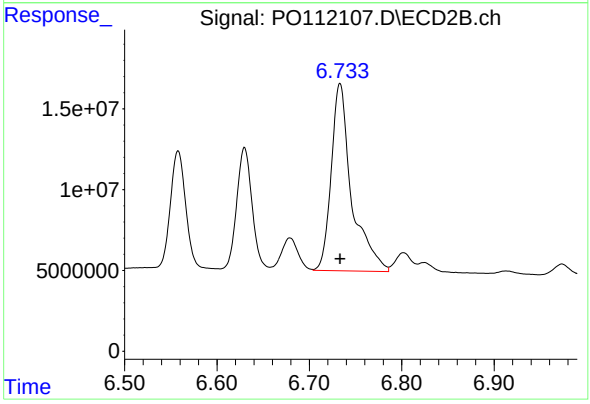
R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 132233057
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 395760704
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 178024264
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:11
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	272.9E6	171.8E6	25.384	25.306
2)	SA Decachlor...	8.702	8.649	190.5E6	47874492	25.314	25.846
	Target Compounds						
26)	L6 AR-1254-1	5.565	5.541	157.8E6	101.2E6	256.353	268.788
27)	L6 AR-1254-2	5.714	5.688	138.2E6	87586236	256.712	268.700
28)	L6 AR-1254-3	6.117	6.089	215.5E6	124.2E6	255.127	263.865
29)	L6 AR-1254-4	6.346	6.317	128.5E6	68432623	243.355	258.758
30)	L6 AR-1254-5	6.766	6.733	201.3E6	93511862	254.294	262.638

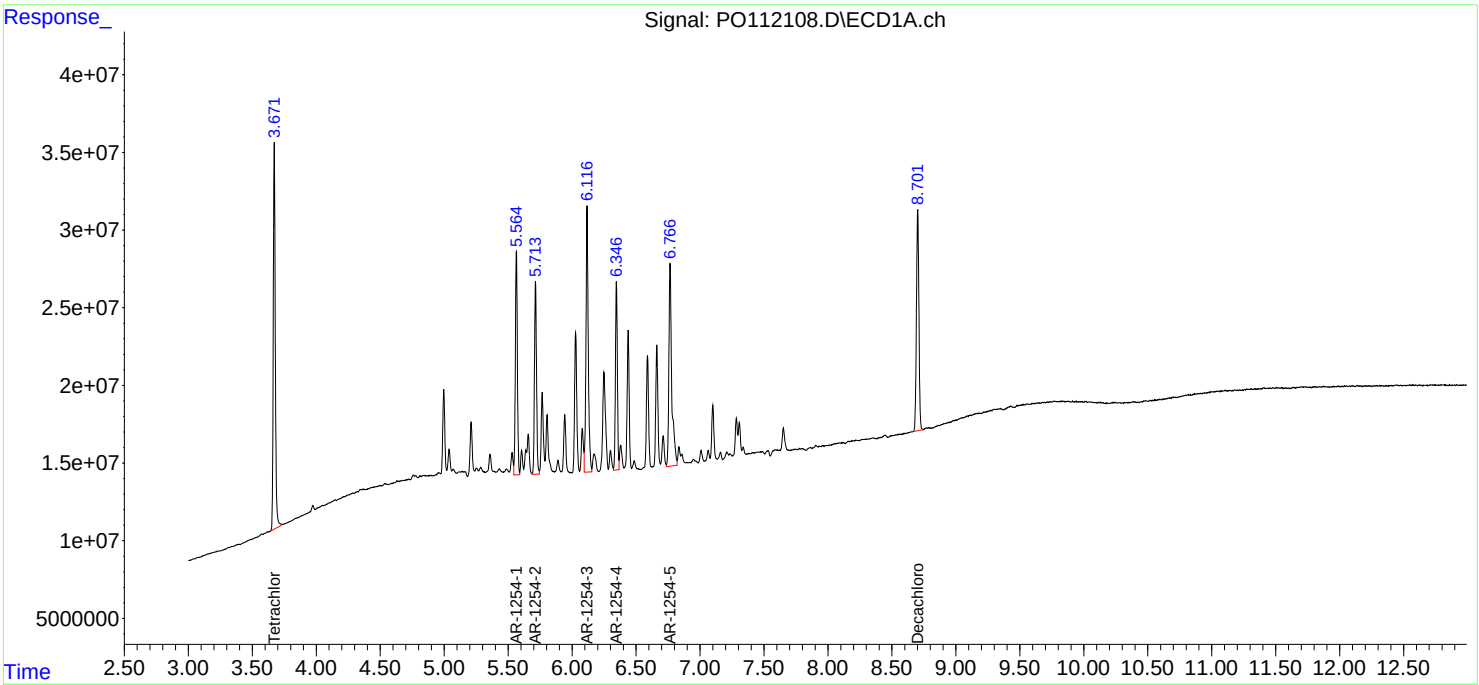
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

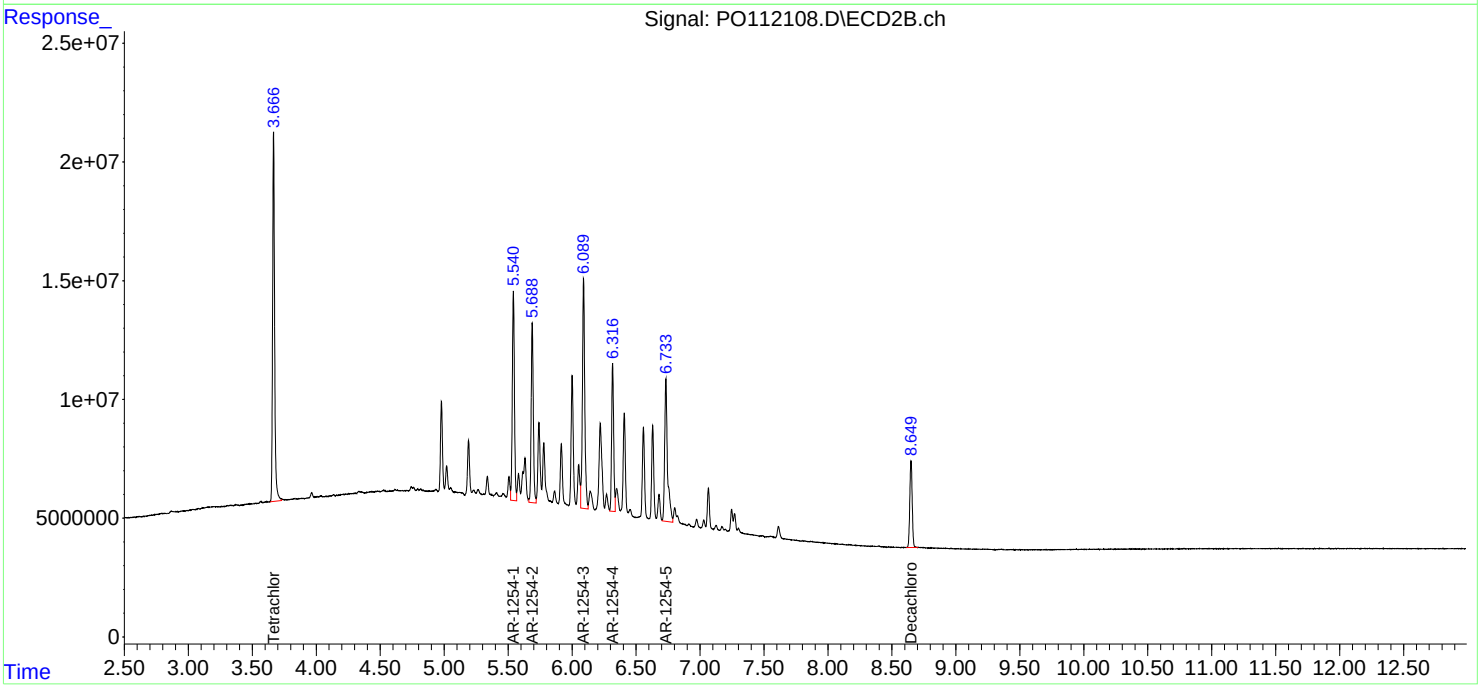
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:11
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

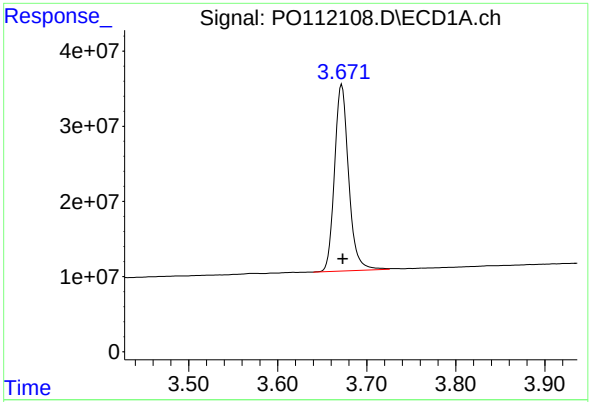
Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



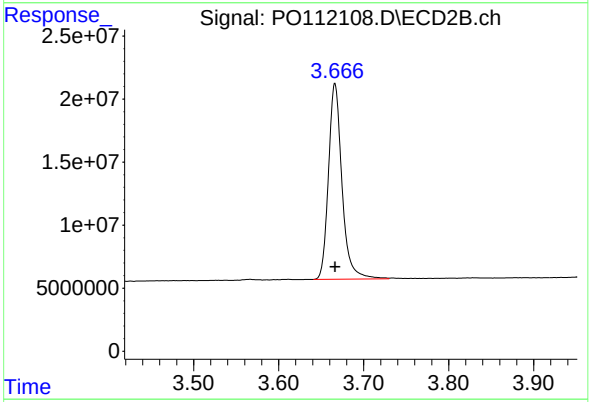




#1 Tetrachloro-m-xylene

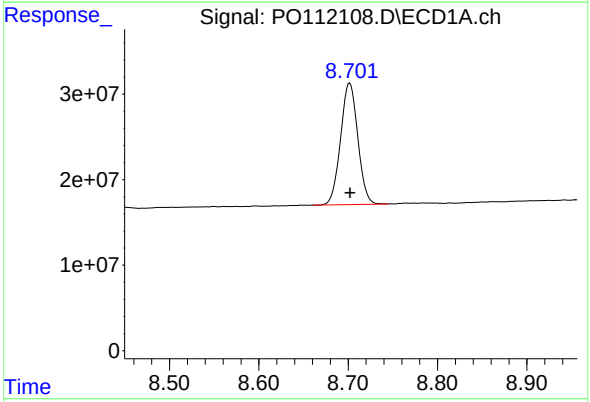
R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 272878230
Conc: 25.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



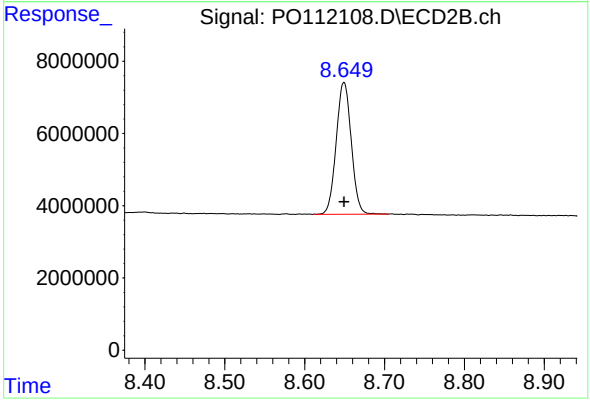
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 171848191
Conc: 25.31 ng/ml



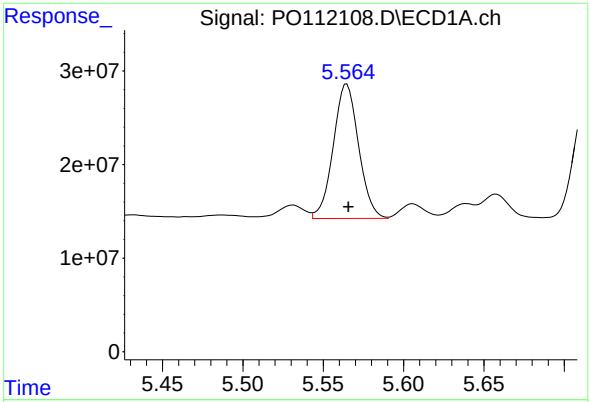
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 190488487
Conc: 25.31 ng/ml



#2 Decachlorobiphenyl

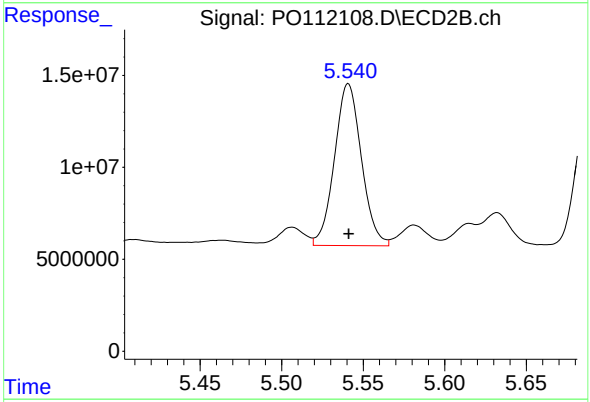
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 47874492
Conc: 25.85 ng/ml



#26 AR-1254-1

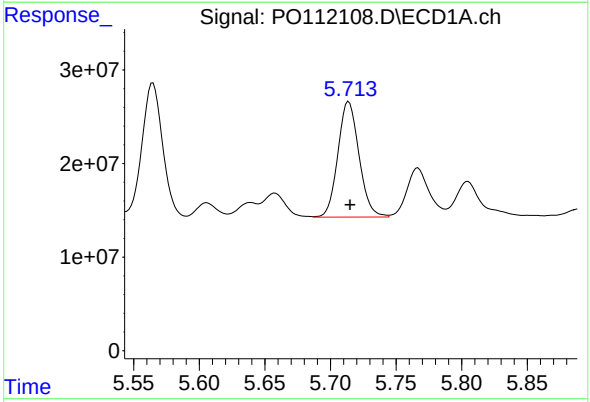
R.T.: 5.565 min
Delta R.T.: -0.001 min
Response: 157799382
Conc: 256.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



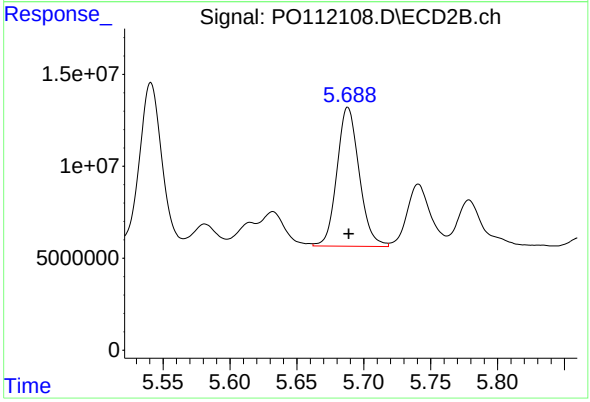
#26 AR-1254-1

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 101230376
Conc: 268.79 ng/ml



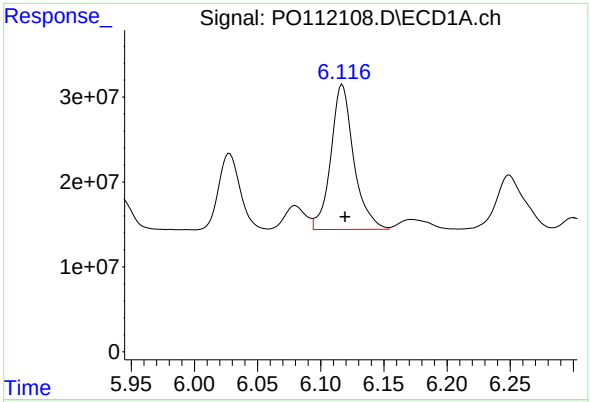
#27 AR-1254-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 138195636
Conc: 256.71 ng/ml



#27 AR-1254-2

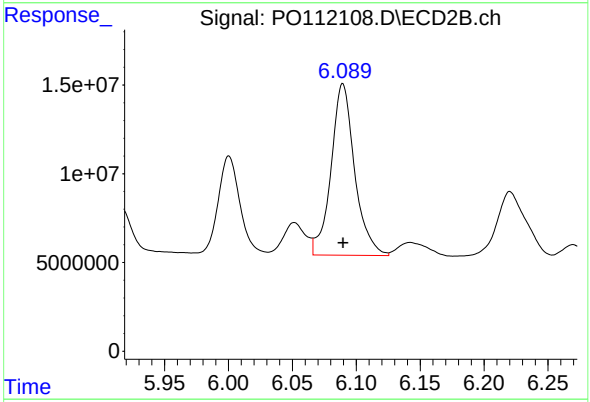
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 87586236
Conc: 268.70 ng/ml



#28 AR-1254-3

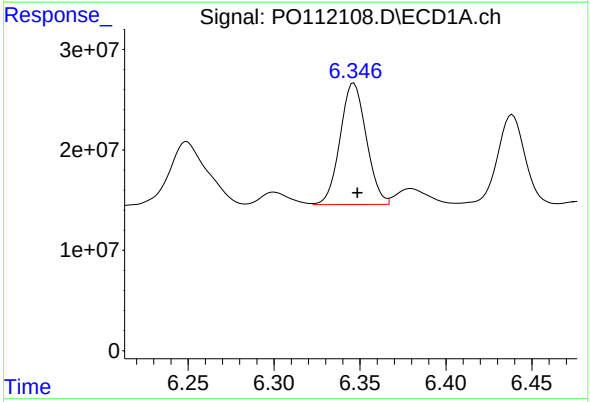
R.T.: 6.117 min
Delta R.T.: -0.002 min
Response: 215480050
Conc: 255.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



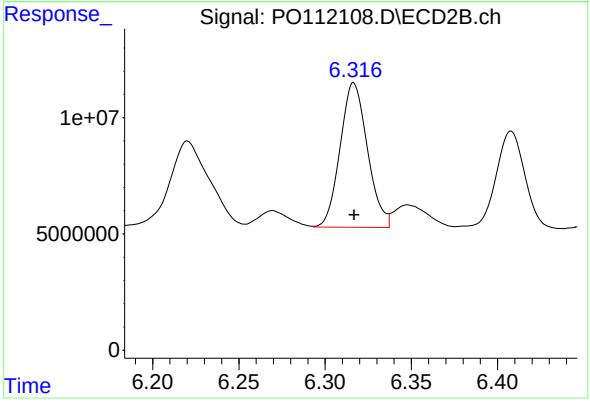
#28 AR-1254-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 124203187
Conc: 263.87 ng/ml



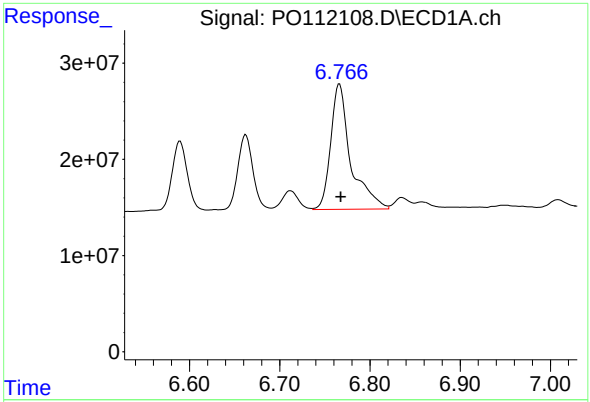
#29 AR-1254-4

R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 128502801
Conc: 243.36 ng/ml



#29 AR-1254-4

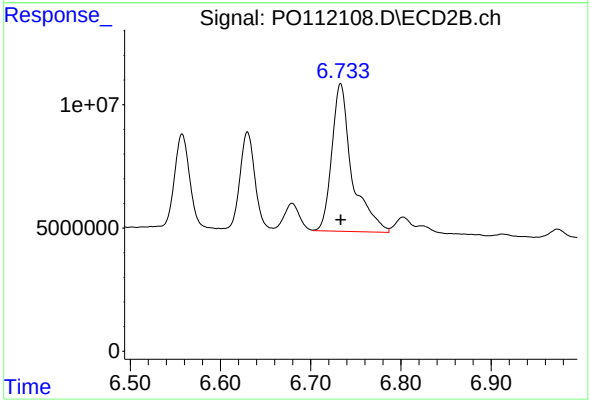
R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 68432623
Conc: 258.76 ng/ml



#30 AR-1254-5

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 201279357
Conc: 254.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 93511862
Conc: 262.64 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	45533046	29689581	4.236	4.372
2)	SA Decachlor...	8.701	8.650	32557073	8527820	4.327	4.604
	Target Compounds						
26)	L6 AR-1254-1	5.565	5.540	30856160	19661689	50.127	52.206m
27)	L6 AR-1254-2	5.714	5.688	25962033	17746073	48.227	54.442m
28)	L6 AR-1254-3	6.118	6.089	40531096	25609316	47.989	54.406
29)	L6 AR-1254-4	6.345	6.316	16204940	12905837	30.688m	48.800 #
30)	L6 AR-1254-5	6.765	6.733	35718880	18096474	45.127	50.826

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

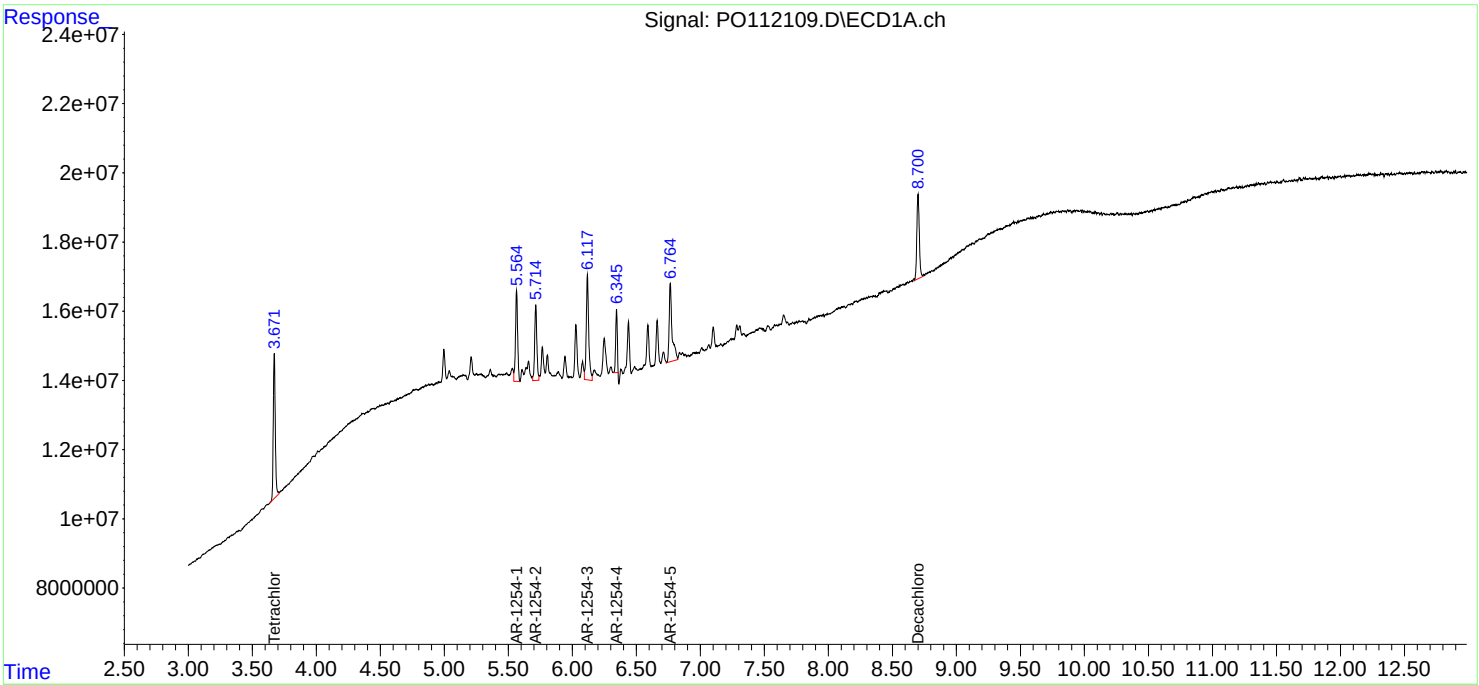
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

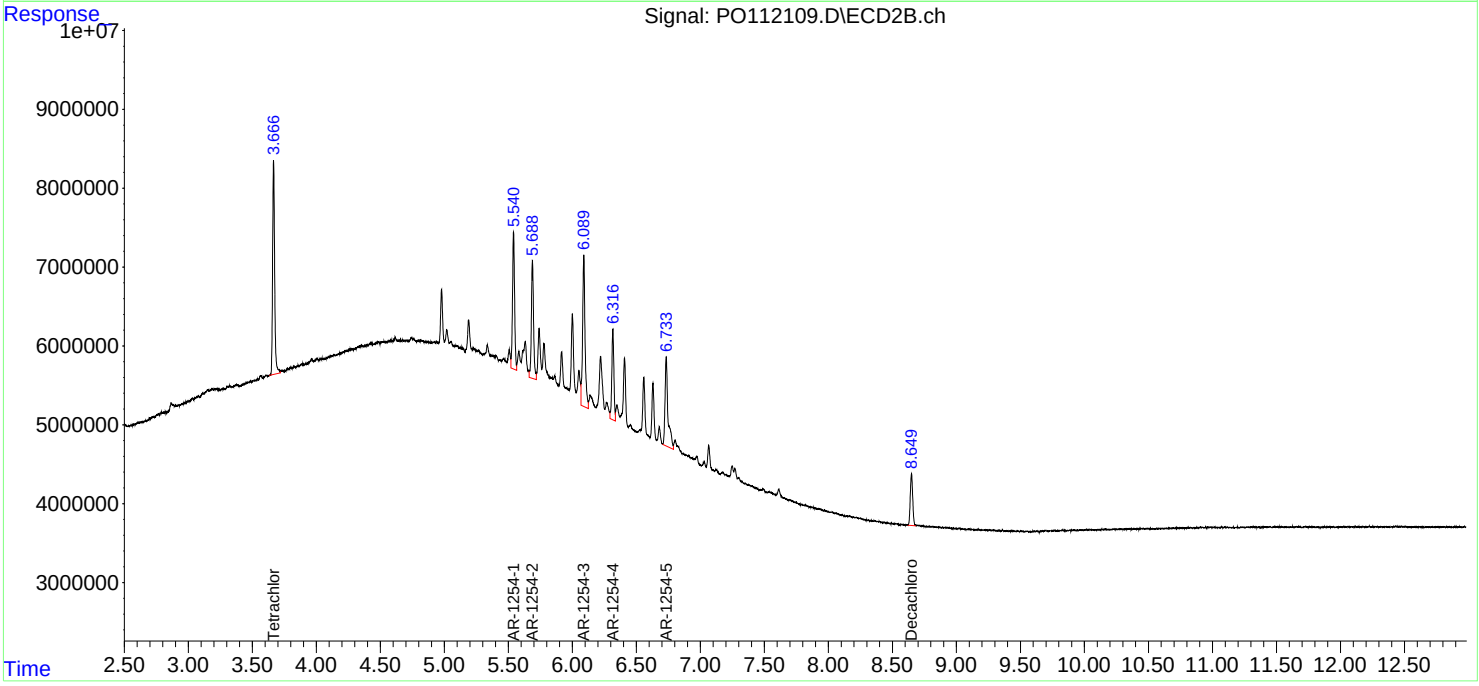
Manual Integrations APPROVED

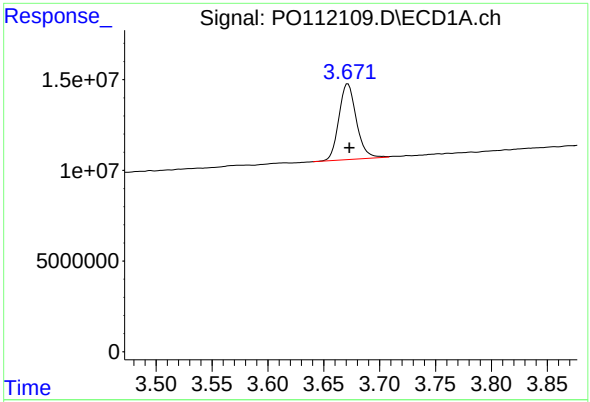
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







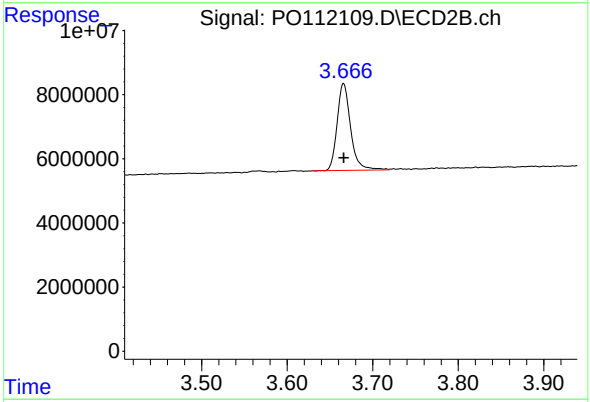
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 45533046
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

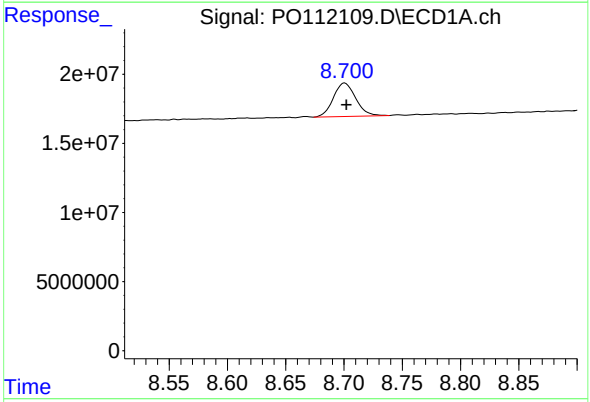
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



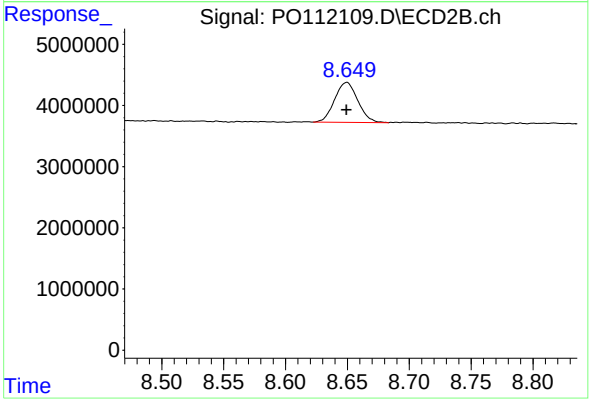
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 29689581
Conc: 4.37 ng/ml



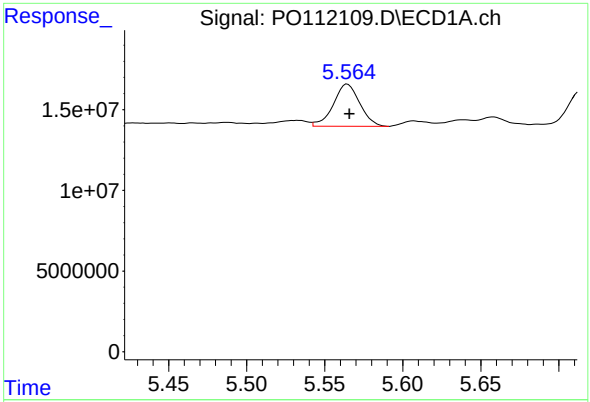
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.001 min
Response: 32557073
Conc: 4.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 8527820
Conc: 4.60 ng/ml



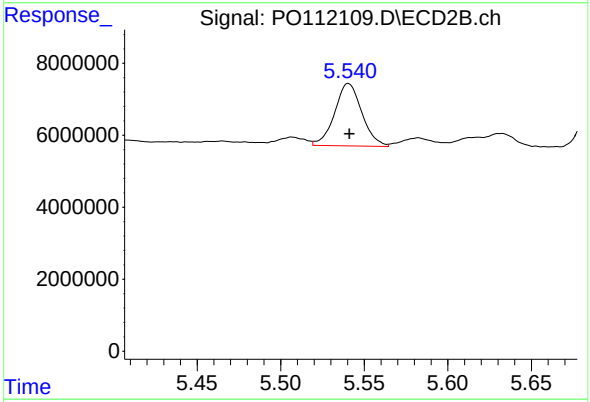
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: -0.001 min
Response: 30856160
Conc: 50.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

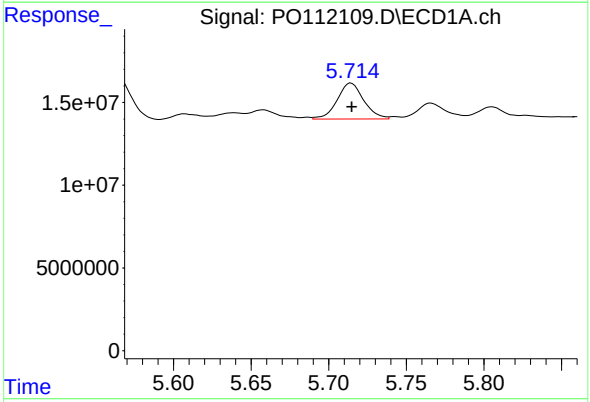
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



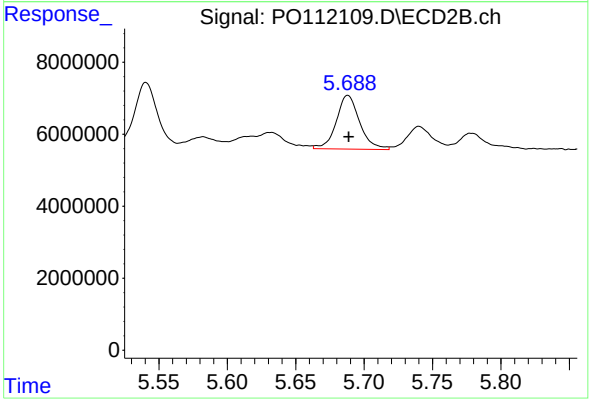
#26 AR-1254-1

R.T.: 5.540 min
Delta R.T.: -0.001 min
Response: 19661689
Conc: 52.21 ng/ml m



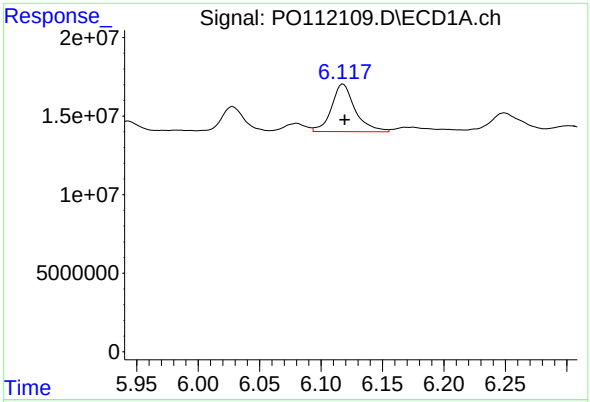
#27 AR-1254-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 25962033
Conc: 48.23 ng/ml



#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 17746073
Conc: 54.44 ng/ml m



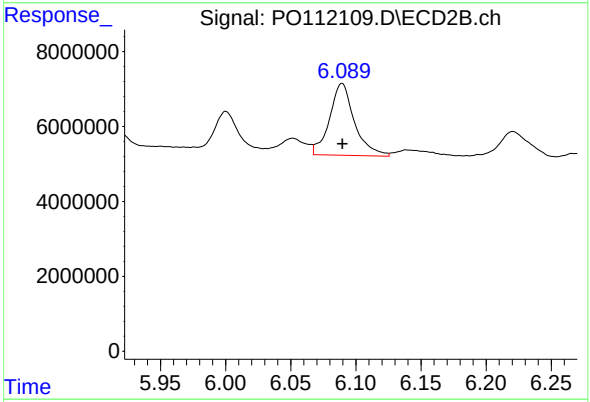
#28 AR-1254-3

R.T.: 6.118 min
Delta R.T.: -0.001 min
Response: 40531096
Conc: 47.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

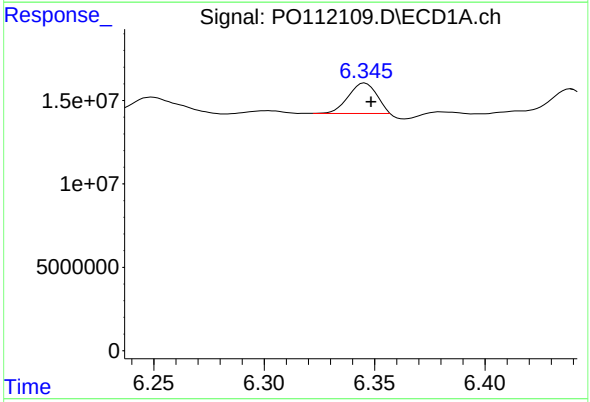
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



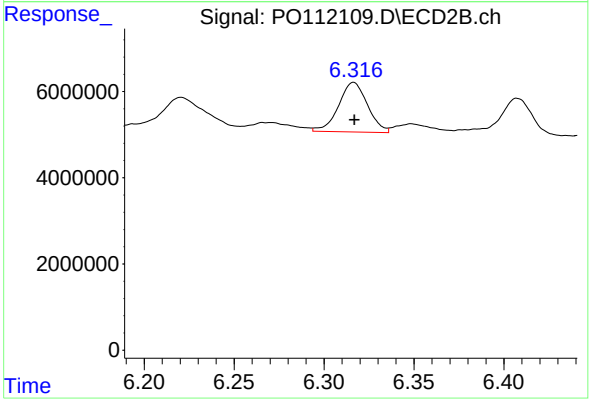
#28 AR-1254-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 25609316
Conc: 54.41 ng/ml



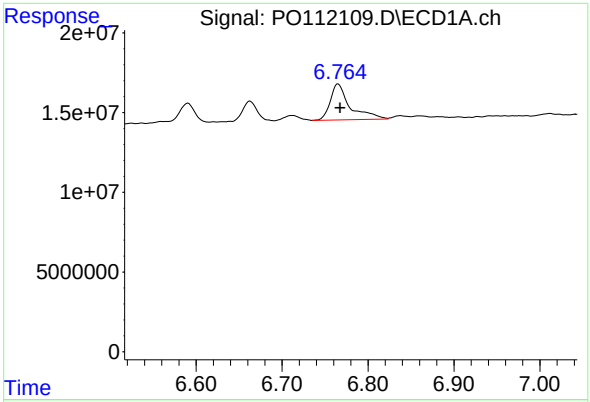
#29 AR-1254-4

R.T.: 6.345 min
Delta R.T.: -0.004 min
Response: 16204940
Conc: 30.69 ng/ml m



#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 12905837
Conc: 48.80 ng/ml



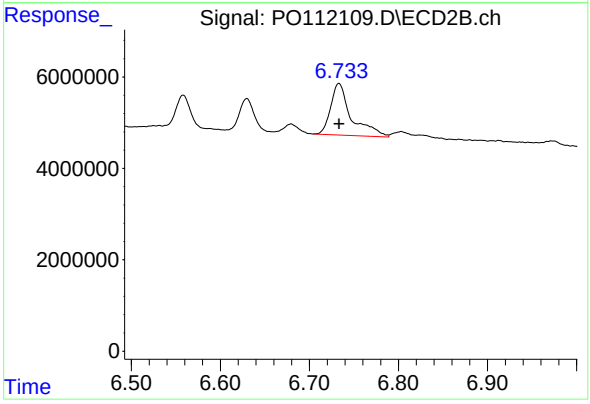
#30 AR-1254-5

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 35718880
Conc: 45.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 18096474
Conc: 50.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:47
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:25:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	525.8E6	329.4E6	50.000	50.000
2)	SA Decachlor...	8.703	8.651	370.9E6	90608483	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.807	6.772	510.8E6	203.7E6	500.000	500.000
37)	L8 AR-1262-2	7.310	7.272	819.7E6	256.3E6	500.000	500.000
38)	L8 AR-1262-3	7.592	7.554	321.0E6	89762034	500.000	500.000
39)	L8 AR-1262-4	7.657	7.618	535.7E6	145.5E6	500.000	500.000
40)	L8 AR-1262-5	8.153	8.110	224.1E6	52891763	500.000	500.000

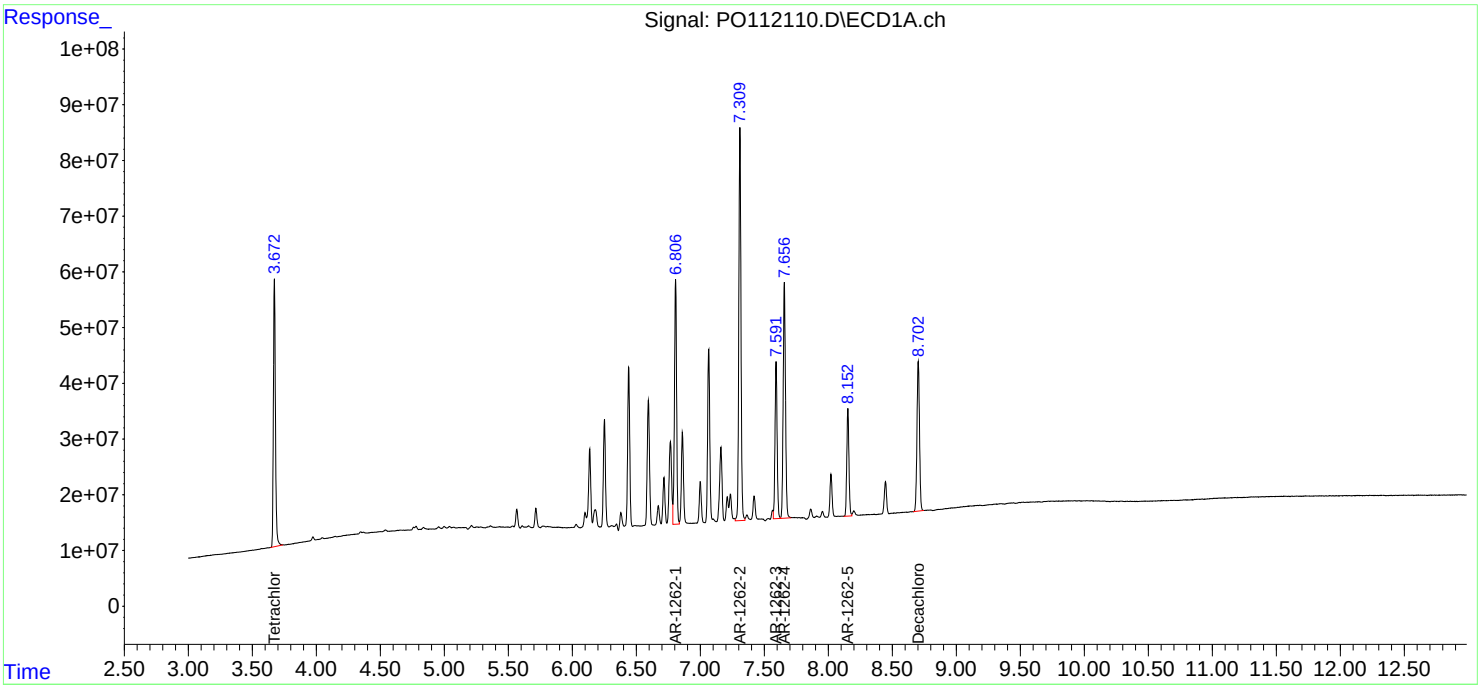
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

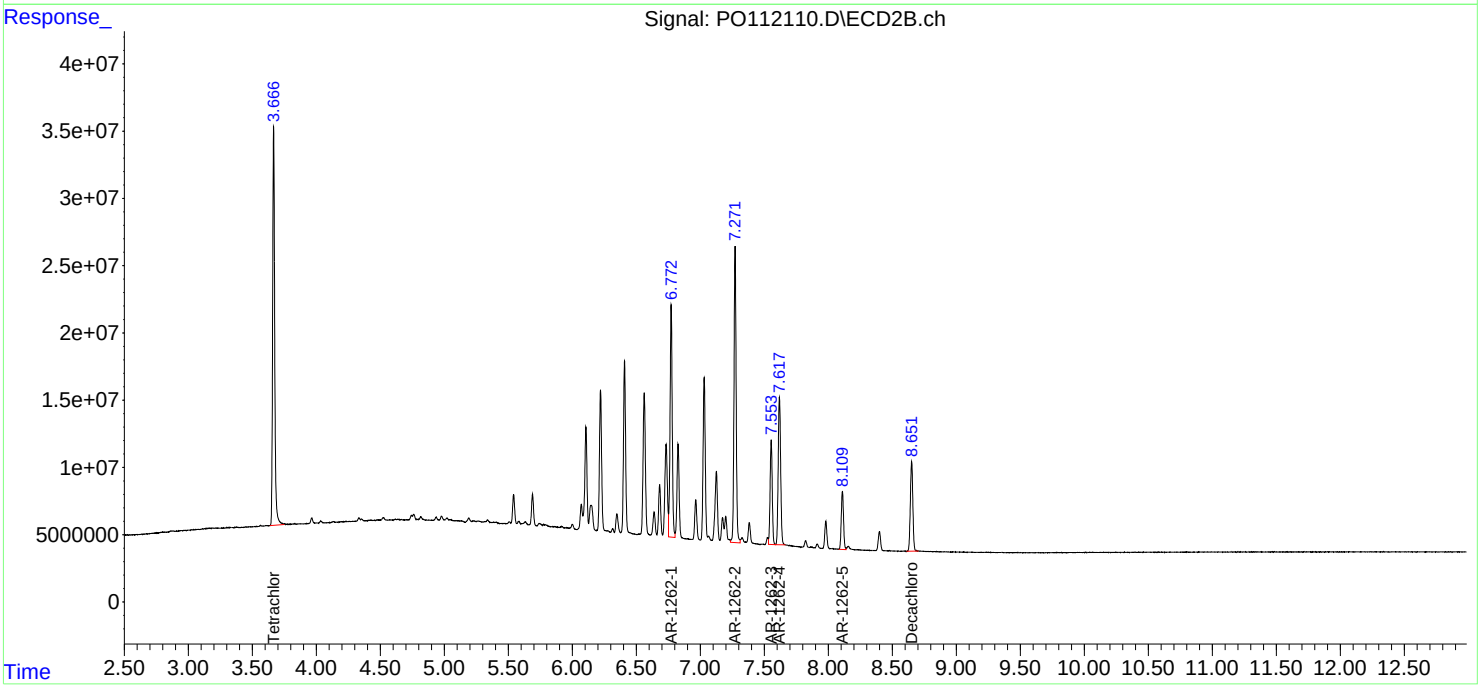
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:47
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

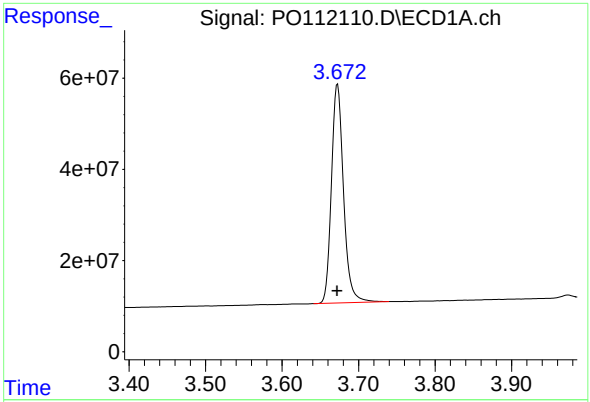
Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:25:20 2025
Response via : Initial Calibration
Integrator: ChemStation

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



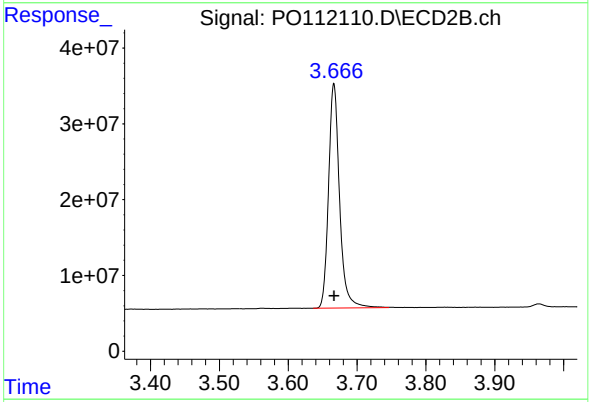




#1 Tetrachloro-m-xylene

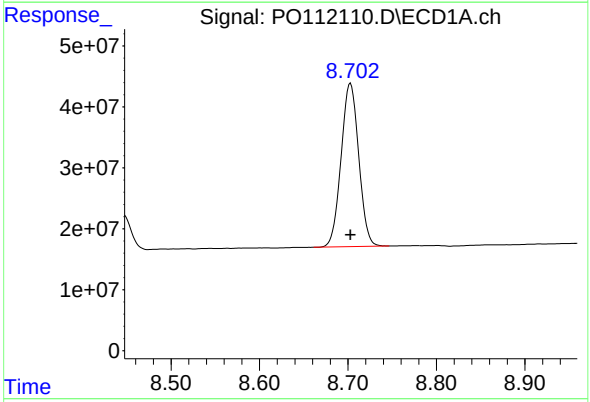
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 525756507
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



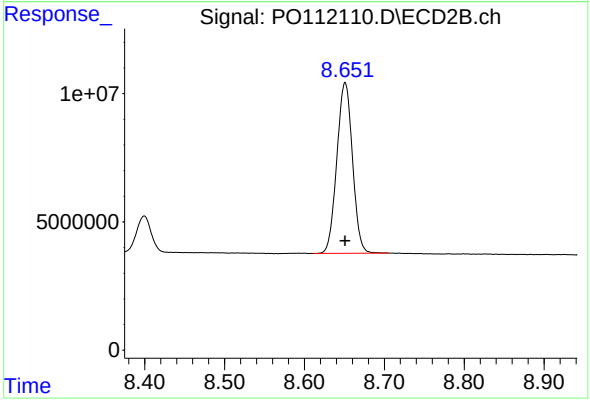
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 329387316
Conc: 50.00 ng/ml



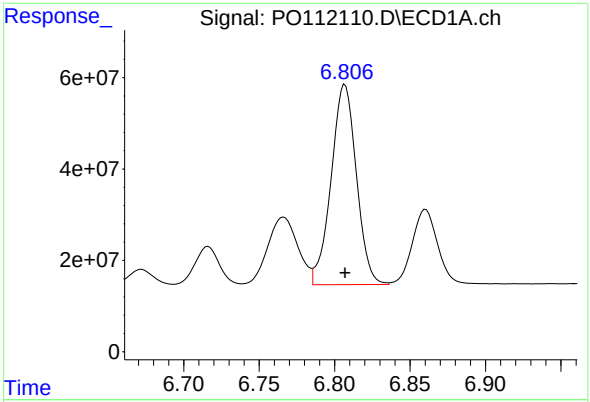
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 370896650
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

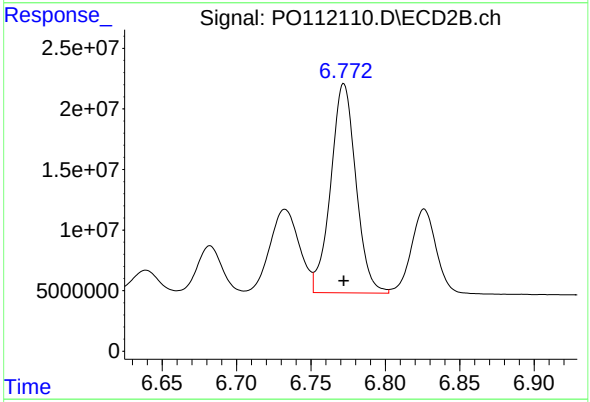
R.T.: 8.651 min
Delta R.T.: 0.000 min
Response: 90608483
Conc: 50.00 ng/ml



#36 AR-1262-1

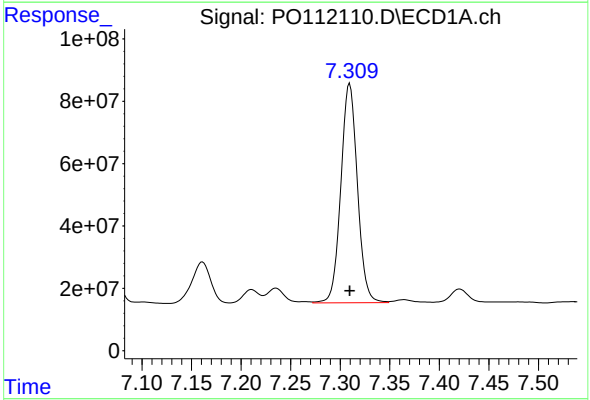
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 510843479
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



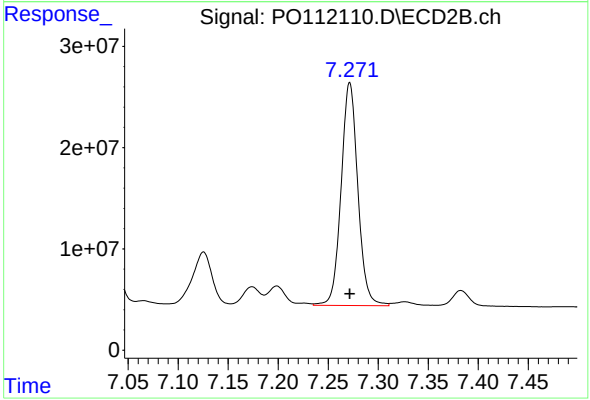
#36 AR-1262-1

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 203660426
Conc: 500.00 ng/ml



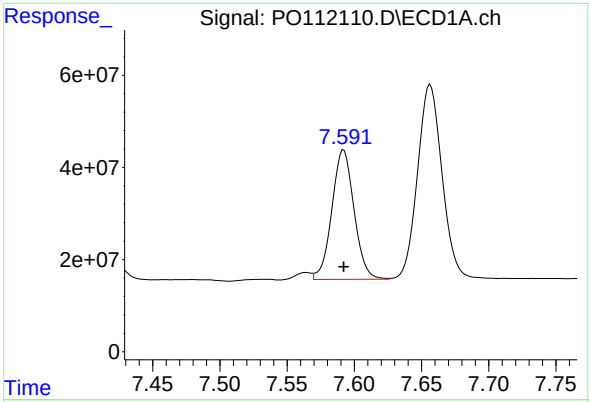
#37 AR-1262-2

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 819686360
Conc: 500.00 ng/ml



#37 AR-1262-2

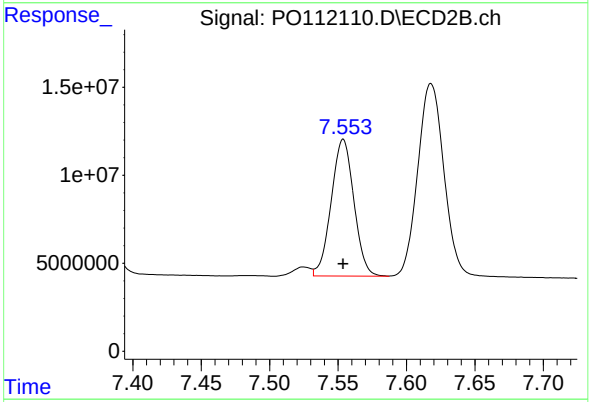
R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 256274286
Conc: 500.00 ng/ml



#38 AR-1262-3

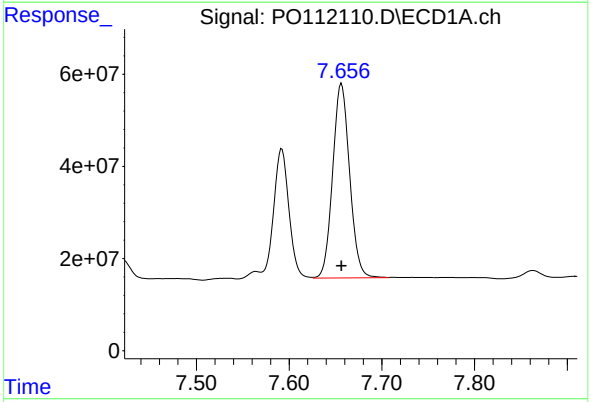
R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 320987602
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



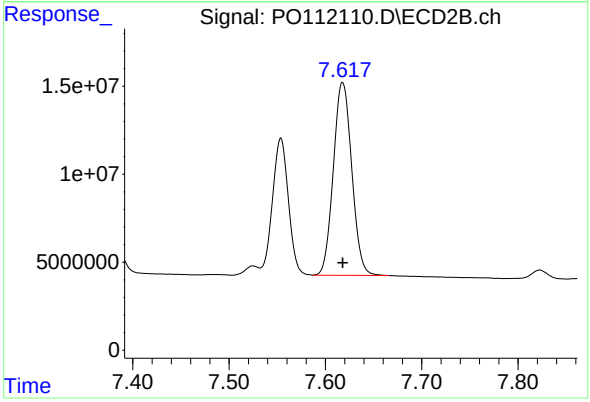
#38 AR-1262-3

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 89762034
Conc: 500.00 ng/ml



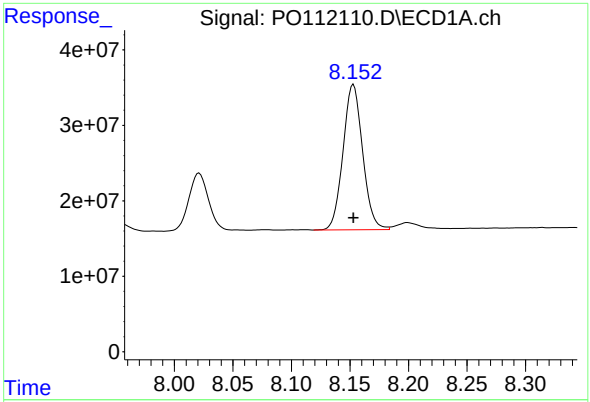
#39 AR-1262-4

R.T.: 7.657 min
Delta R.T.: 0.000 min
Response: 535717312
Conc: 500.00 ng/ml



#39 AR-1262-4

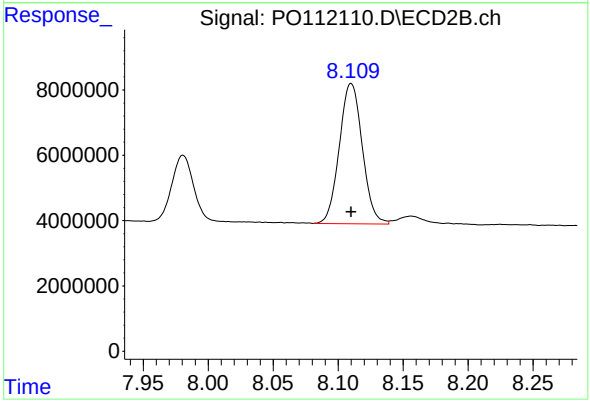
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 145459780
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 224070443
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 52891763
Conc: 500.00 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.667	1082.8E6	673.3E6	101.066	99.562
2)	SA Decachlor...	8.702	8.650	1378.0E6	313.9E6	99.628	96.478
	Target Compounds						
41)	L9 AR-1268-1	7.590	7.554	1933.7E6	486.6E6	1000.189	974.104
42)	L9 AR-1268-2	7.656	7.619	1621.3E6	414.1E6	997.801	973.991
43)	L9 AR-1268-3	7.862	7.823	1337.7E6	309.6E6	989.536	960.409
44)	L9 AR-1268-4	8.151	8.111	501.7E6	111.4E6	975.950m	963.536
45)	L9 AR-1268-5	8.445	8.399	3474.7E6	736.5E6	1008.979	983.566

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

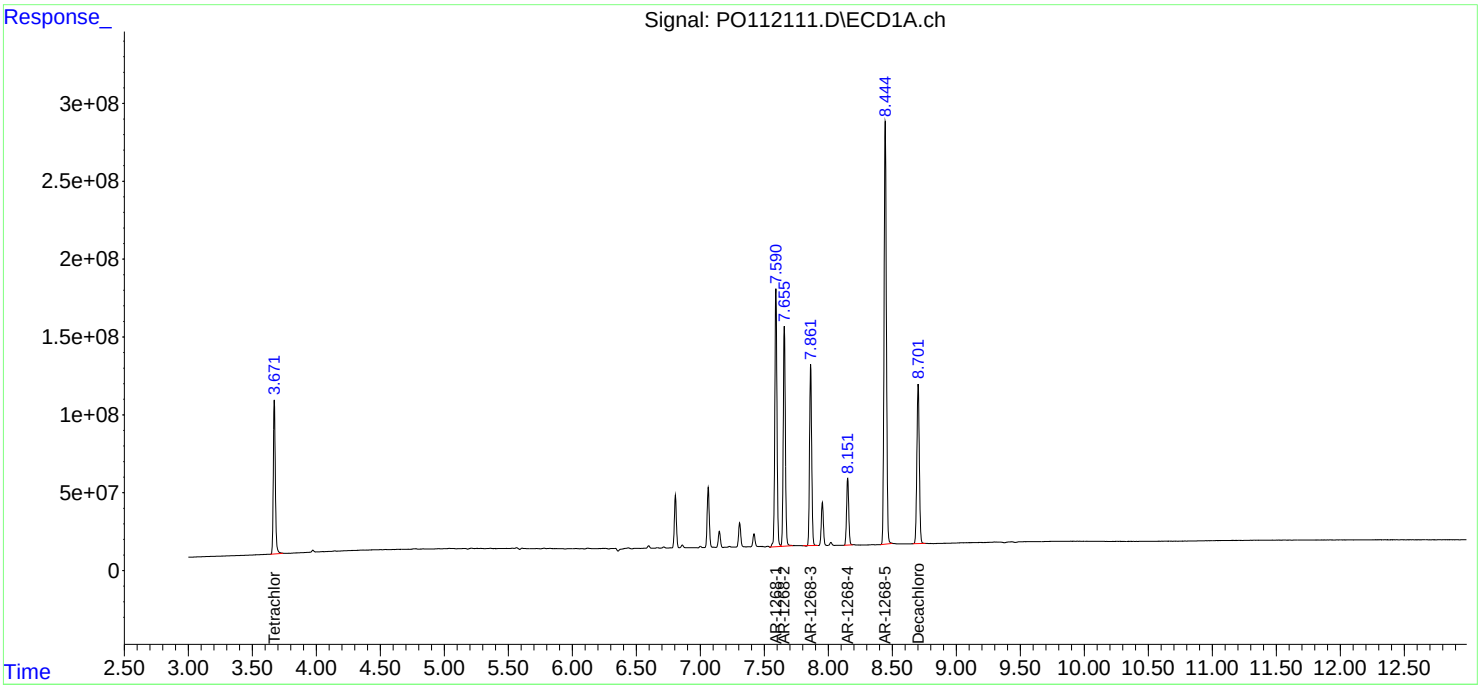
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

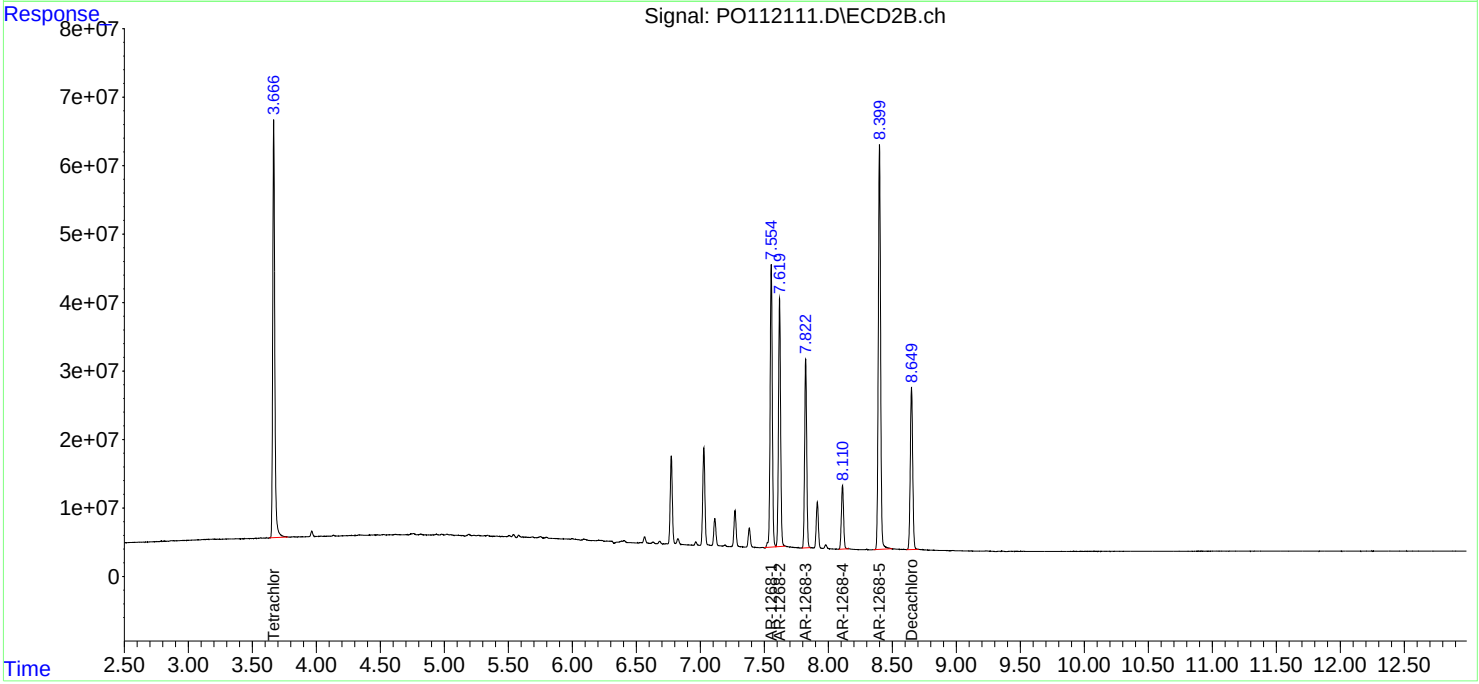
Manual Integrations APPROVED

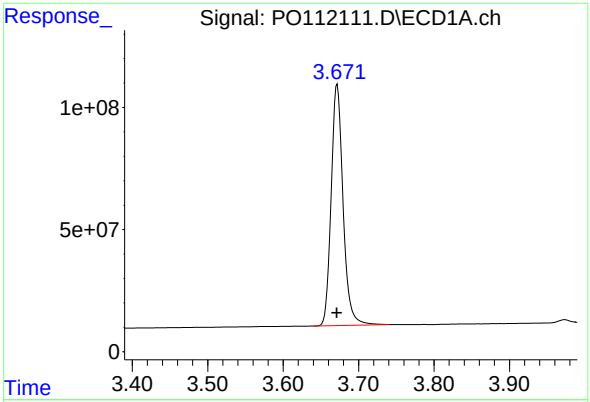
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







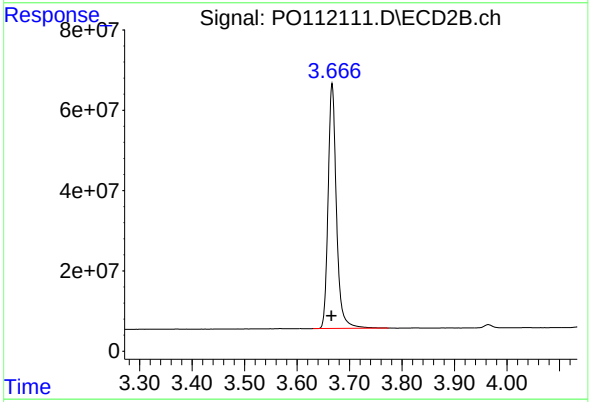
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 1082841647
Conc: 101.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

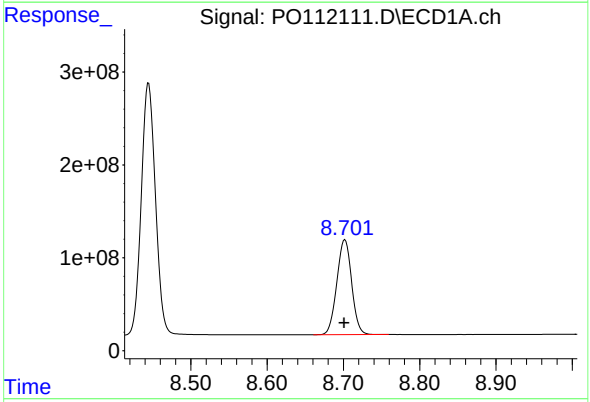
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



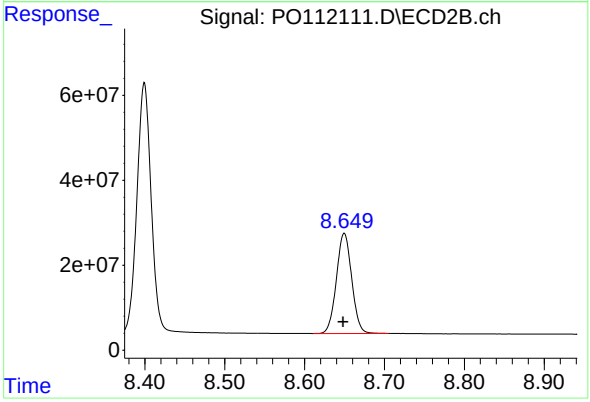
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.001 min
Response: 673253587
Conc: 99.56 ng/ml



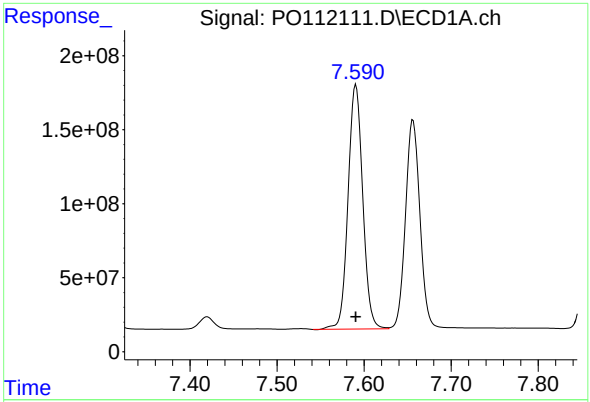
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 1377978961
Conc: 99.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: 0.002 min
Response: 313919147
Conc: 96.48 ng/ml



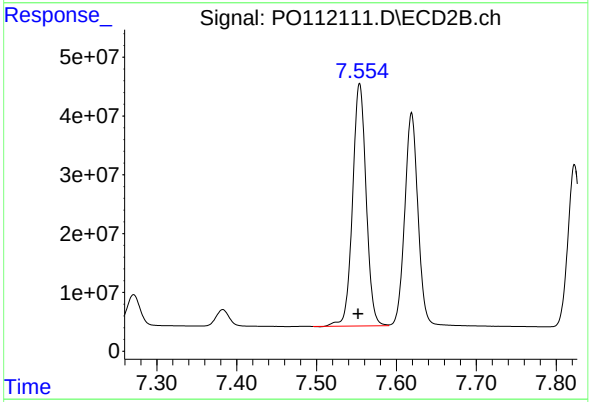
#41 AR-1268-1

R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 1933697823
Conc: 1000.19 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

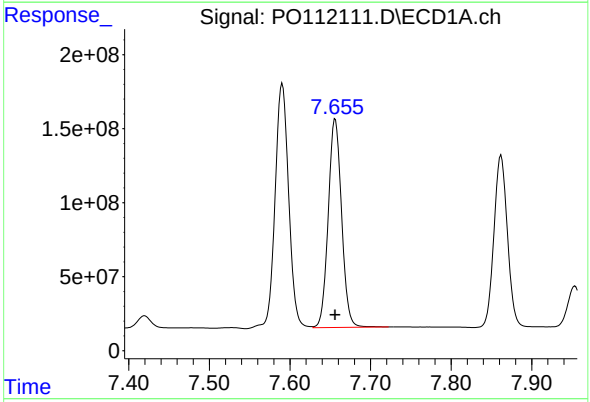
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



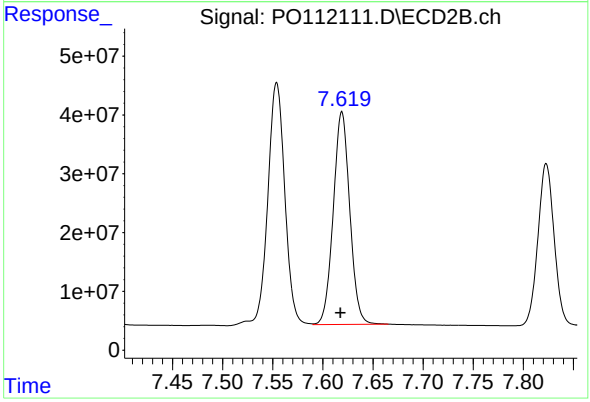
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 486556055
Conc: 974.10 ng/ml



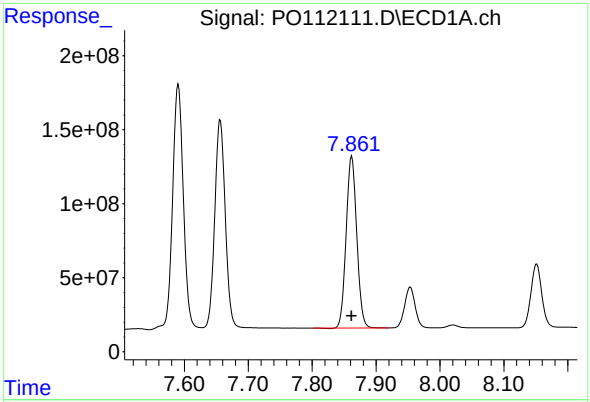
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 1621310763
Conc: 997.80 ng/ml



#42 AR-1268-2

R.T.: 7.619 min
Delta R.T.: 0.002 min
Response: 414074889
Conc: 973.99 ng/ml



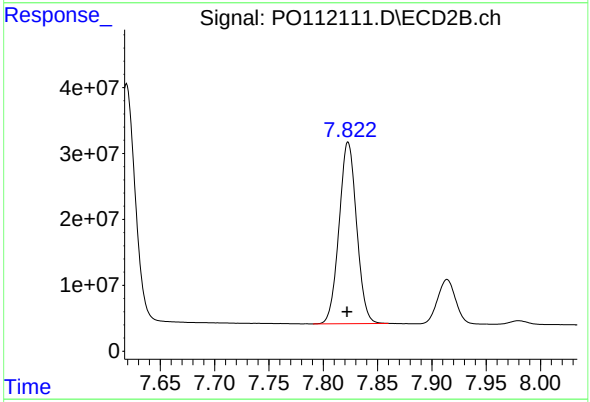
#43 AR-1268-3

R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 1337748865
Conc: 989.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

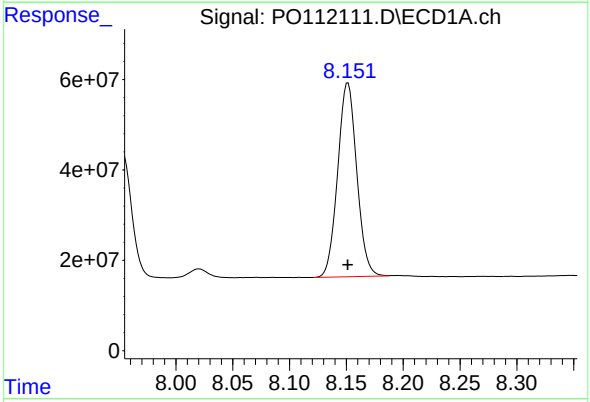
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



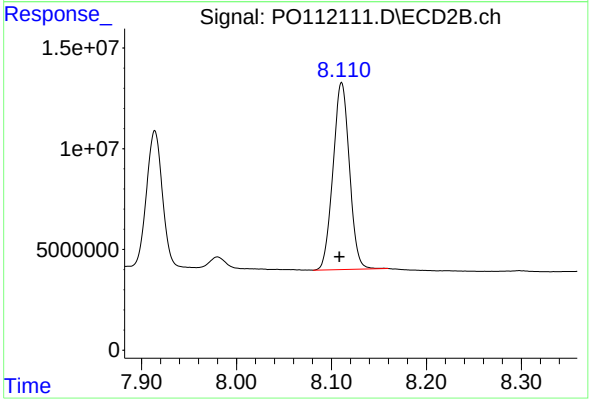
#43 AR-1268-3

R.T.: 7.823 min
Delta R.T.: 0.001 min
Response: 309607188
Conc: 960.41 ng/ml



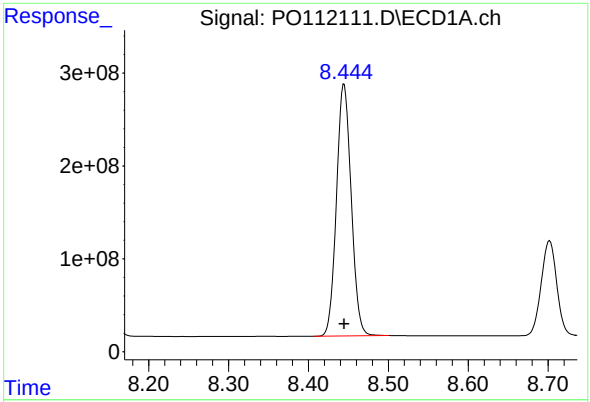
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 501678112
Conc: 975.95 ng/ml m



#44 AR-1268-4

R.T.: 8.111 min
Delta R.T.: 0.002 min
Response: 111375490
Conc: 963.54 ng/ml



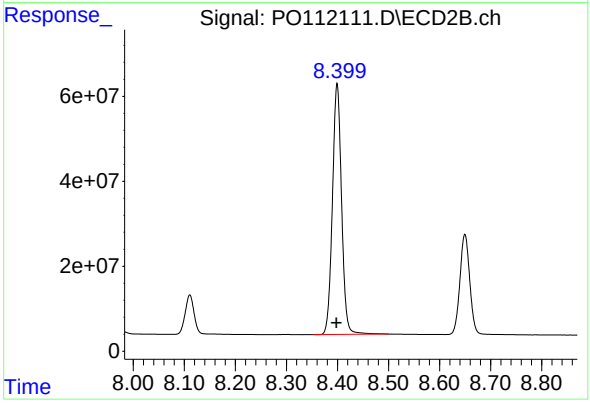
#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 3474681887
Conc: 1008.98 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 736492551
Conc: 983.57 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:22
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	822.0E6	512.2E6	76.722	75.743
2)	SA Decachlor...	8.700	8.649	1050.8E6	242.3E6	75.975	74.472
	Target Compounds						
41)	L9 AR-1268-1	7.591	7.553	1471.3E6	372.2E6	761.010	745.185
42)	L9 AR-1268-2	7.656	7.618	1239.2E6	317.2E6	762.647	746.065
43)	L9 AR-1268-3	7.861	7.823	1019.5E6	238.5E6	754.122	739.688
44)	L9 AR-1268-4	8.150	8.110	374.5E6	85695746	728.612	741.374
45)	L9 AR-1268-5	8.444	8.399	2621.5E6	562.6E6	761.236	751.350

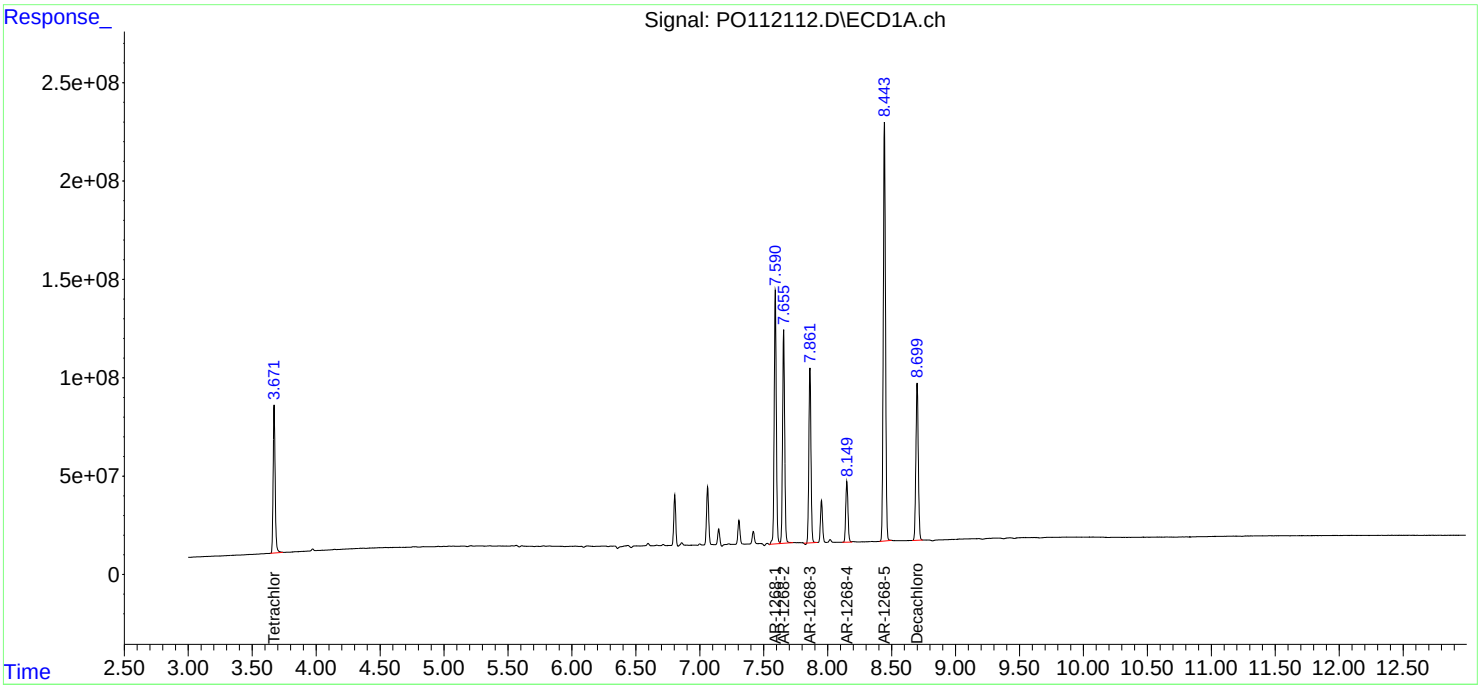
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

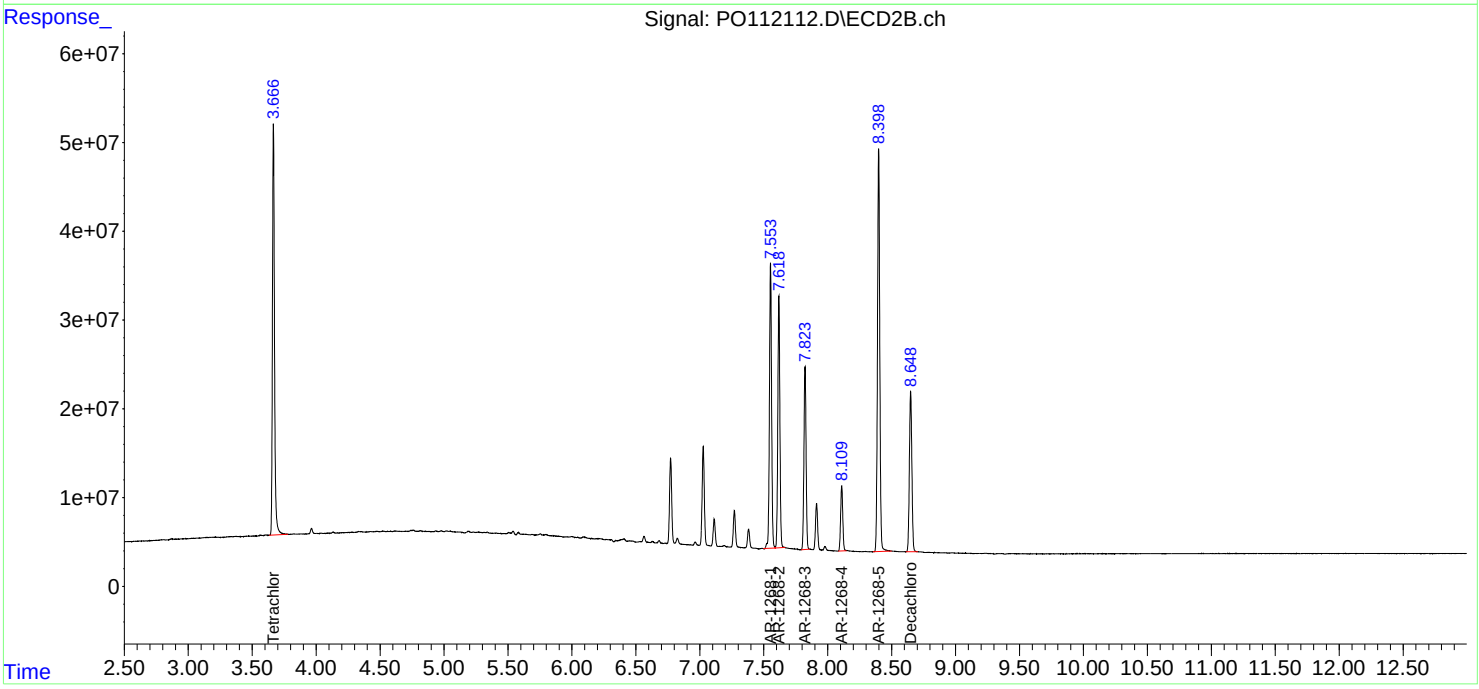
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:22
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

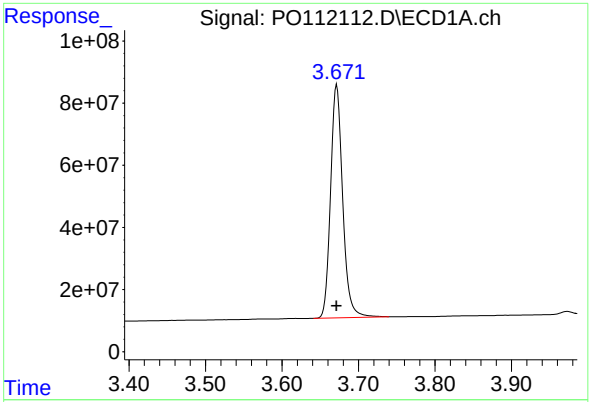
Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



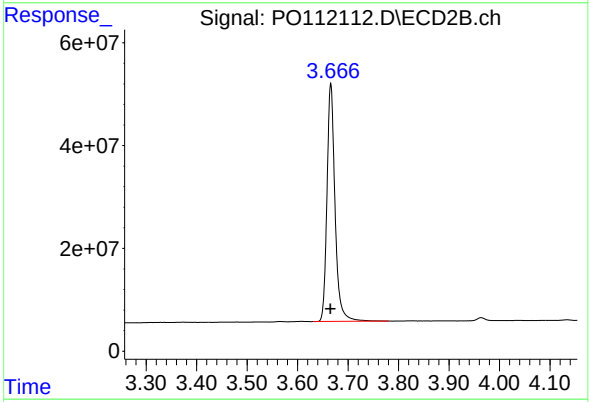




#1 Tetrachloro-m-xylene

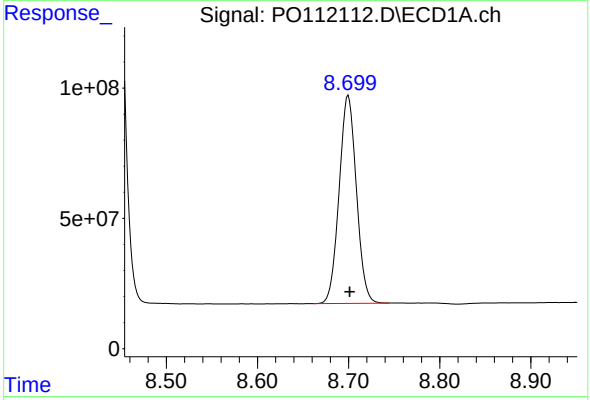
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 822012649
Conc: 76.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



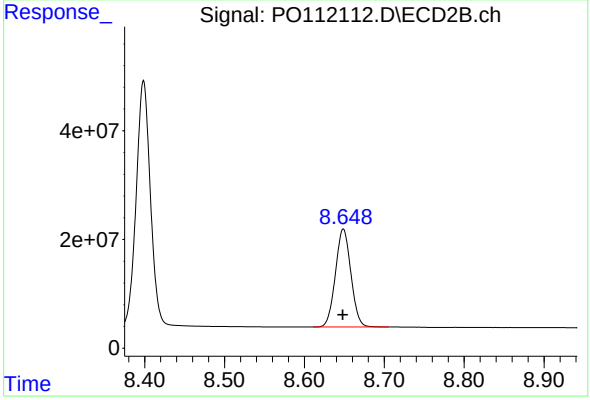
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 512184009
Conc: 75.74 ng/ml



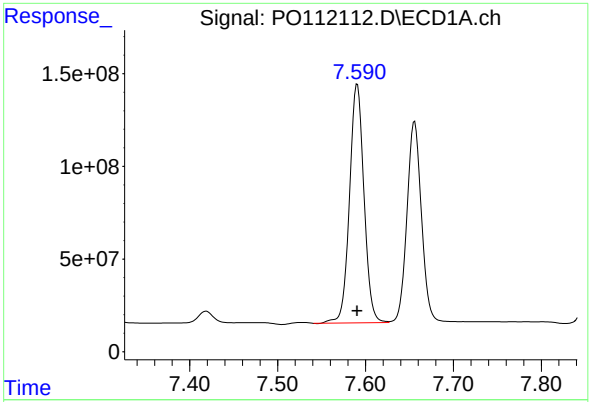
#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.001 min
Response: 1050822148
Conc: 75.97 ng/ml



#2 Decachlorobiphenyl

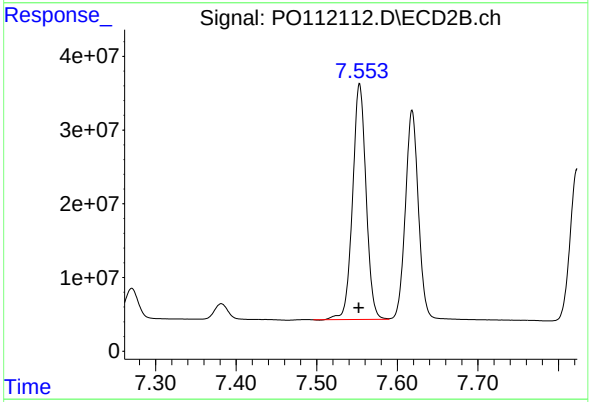
R.T.: 8.649 min
Delta R.T.: 0.000 min
Response: 242314616
Conc: 74.47 ng/ml



#41 AR-1268-1

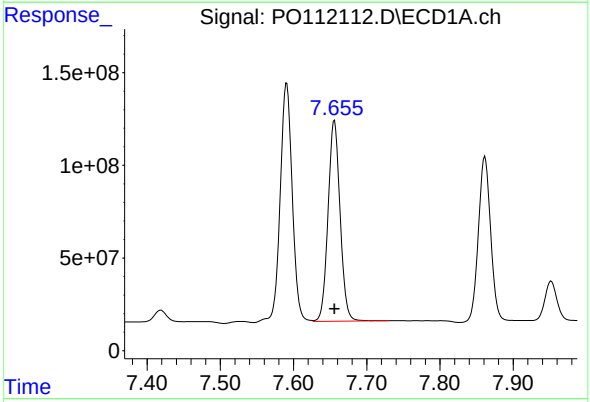
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 1471286032
Conc: 761.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



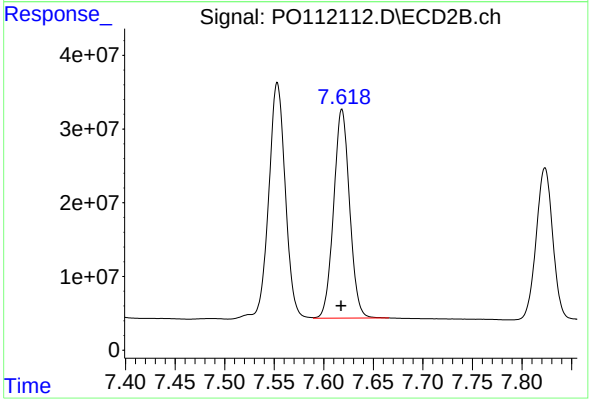
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: 0.001 min
Response: 372212901
Conc: 745.18 ng/ml



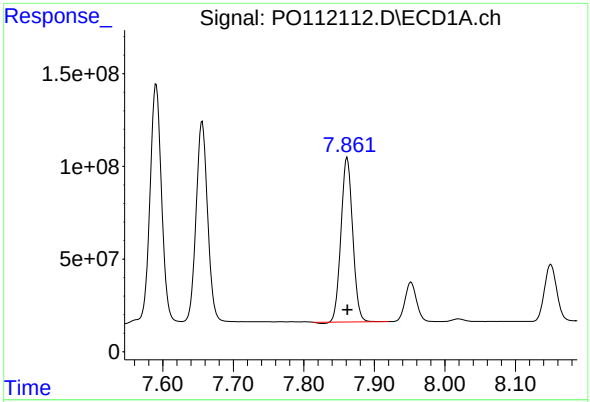
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 1239212669
Conc: 762.65 ng/ml



#42 AR-1268-2

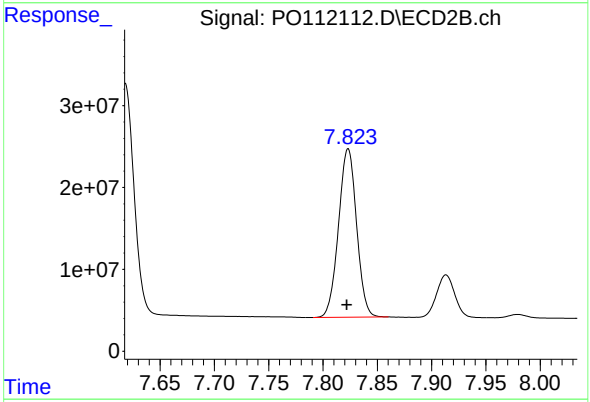
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 317176067
Conc: 746.06 ng/ml



#43 AR-1268-3

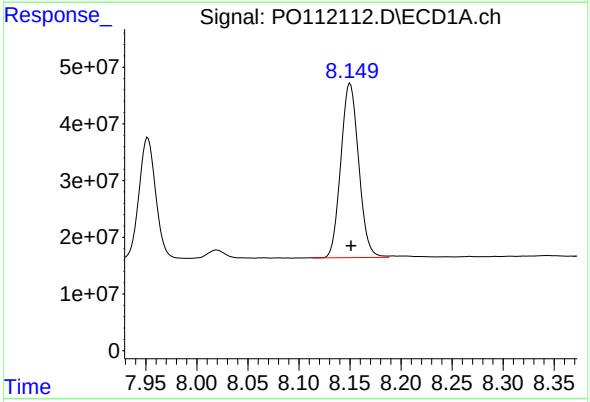
R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 1019493923
Conc: 754.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



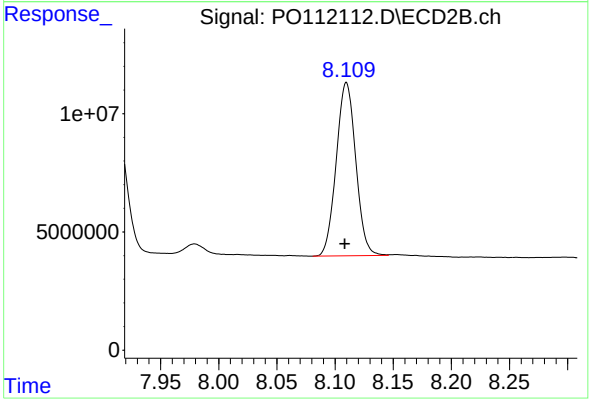
#43 AR-1268-3

R.T.: 7.823 min
Delta R.T.: 0.001 min
Response: 238453171
Conc: 739.69 ng/ml



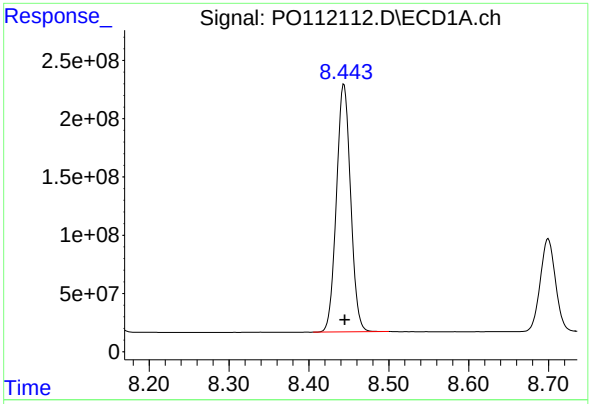
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 374536426
Conc: 728.61 ng/ml



#44 AR-1268-4

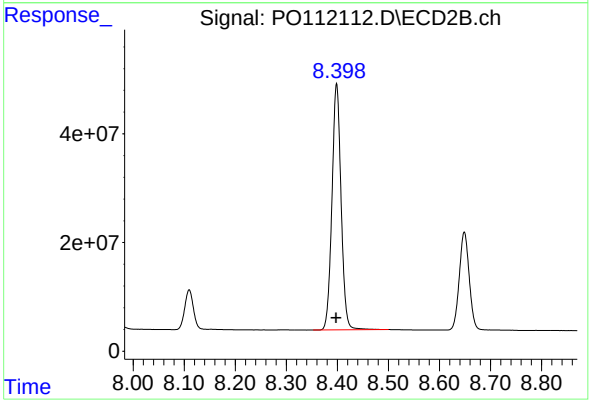
R.T.: 8.110 min
Delta R.T.: 0.002 min
Response: 85695746
Conc: 741.37 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 2621514587
Conc: 761.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.000 min
Response: 562609528
Conc: 751.35 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:39
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	535.7E6	338.1E6	50.000	50.000
2)	SA Decachlor...	8.701	8.648	691.6E6	162.7E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.590	7.552	966.7E6	249.7E6	500.000	500.000
42)	L9 AR-1268-2	7.656	7.617	812.4E6	212.6E6	500.000	500.000
43)	L9 AR-1268-3	7.862	7.822	675.9E6	161.2E6	500.000	500.000
44)	L9 AR-1268-4	8.151	8.108	257.0E6	57795189	500.000	500.000
45)	L9 AR-1268-5	8.445	8.398	1721.9E6	374.4E6	500.000	500.000

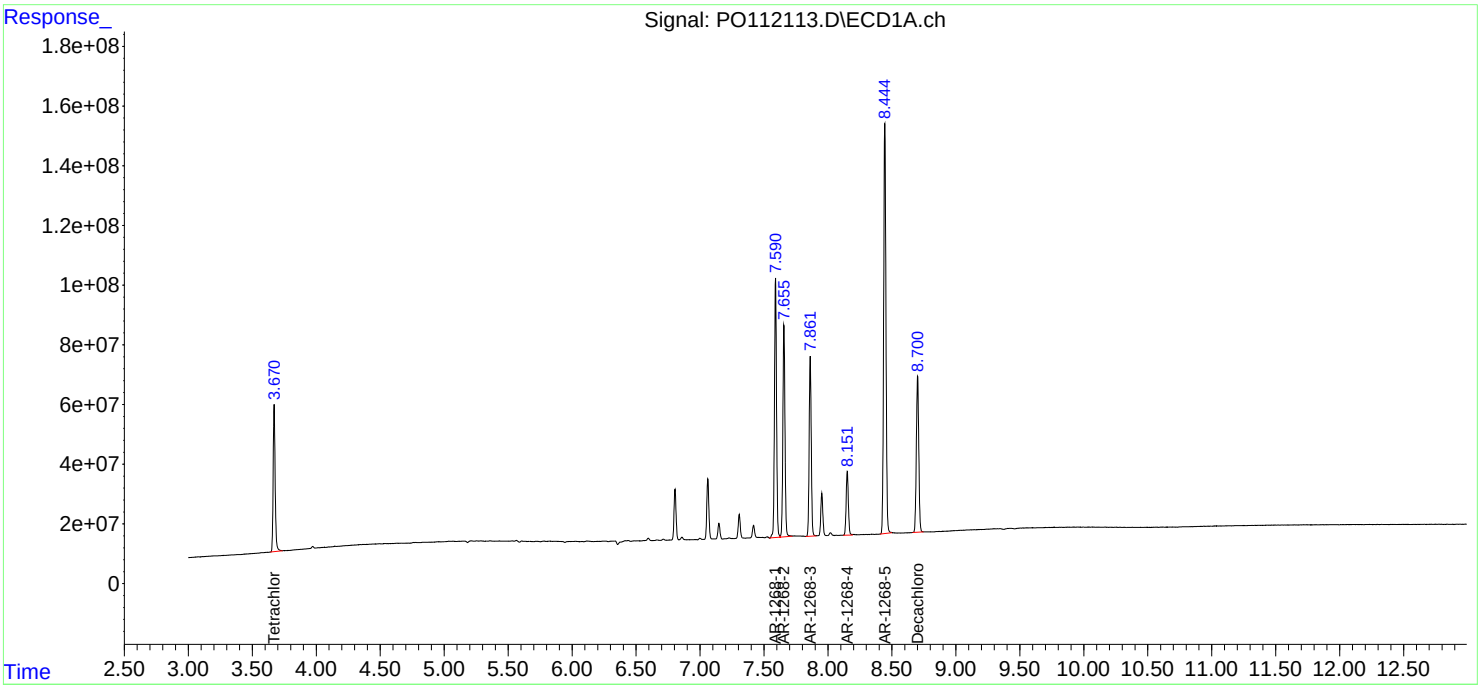
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

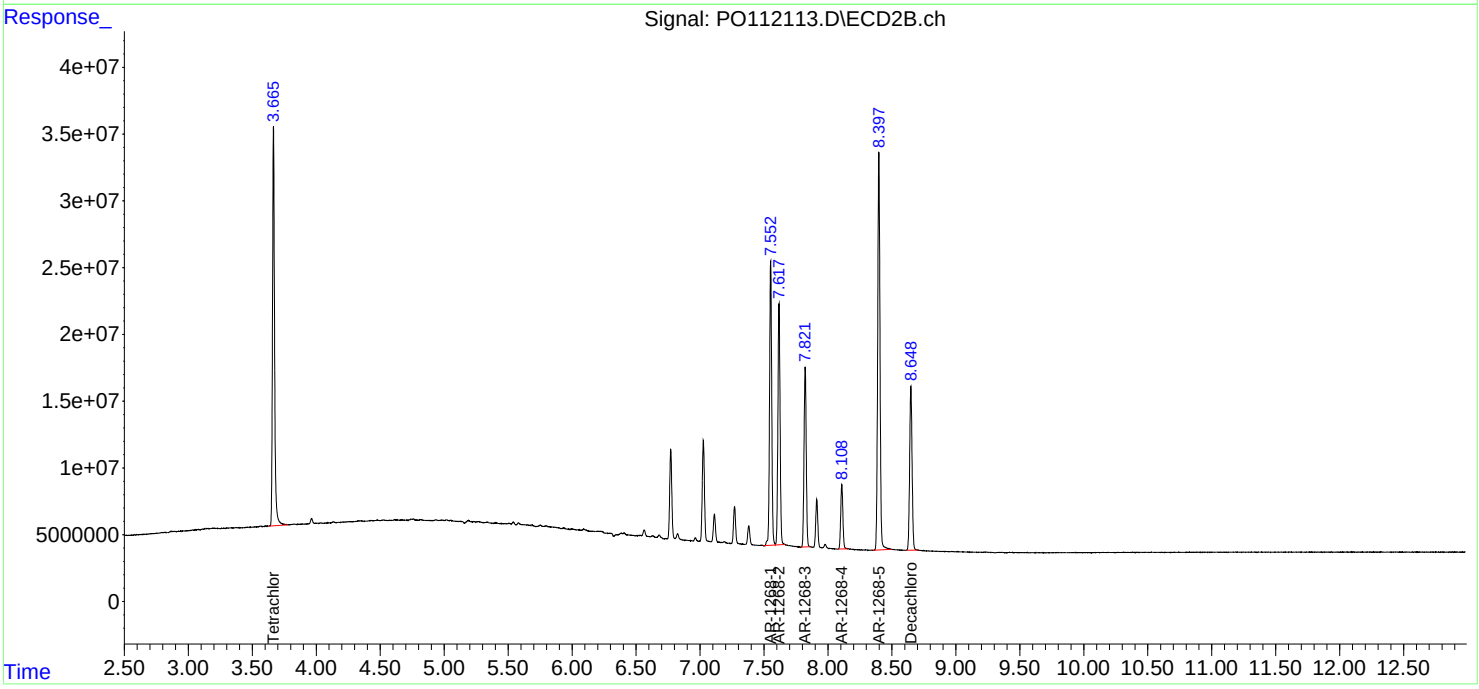
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:39
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

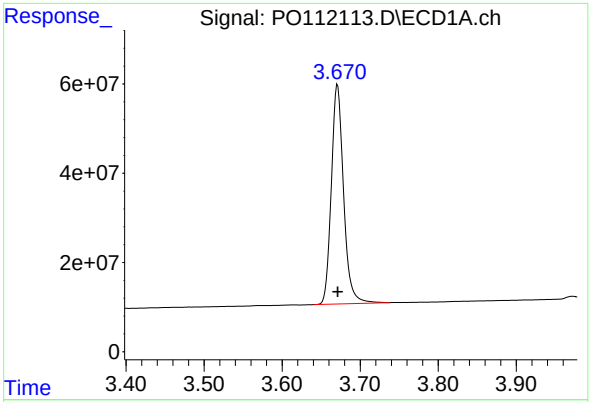
Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



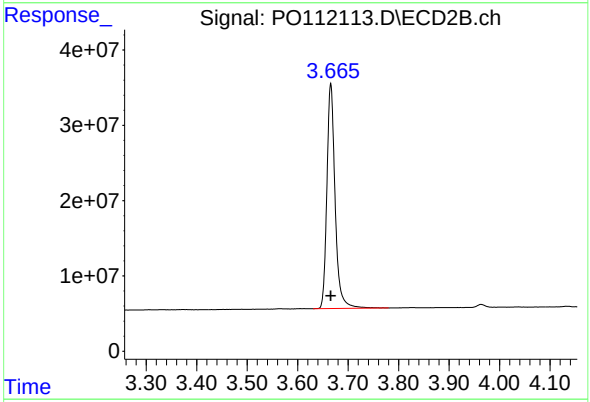




#1 Tetrachloro-m-xylene

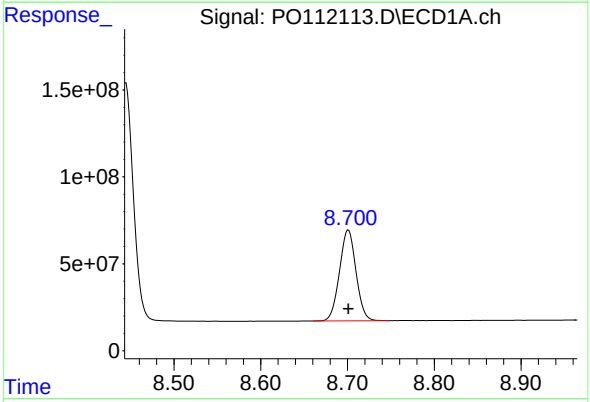
R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 535710880
Conc: 50.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



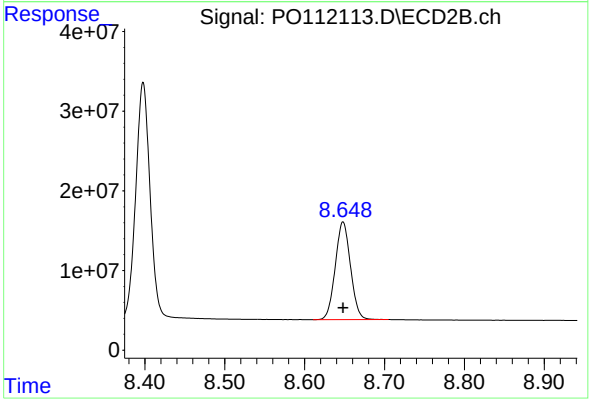
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 338108720
Conc: 50.00 ng/ml



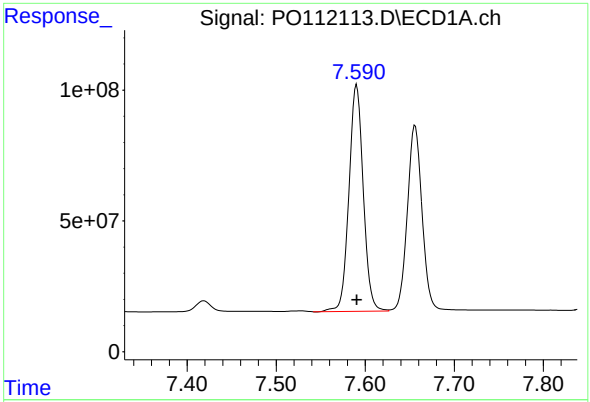
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 691560412
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

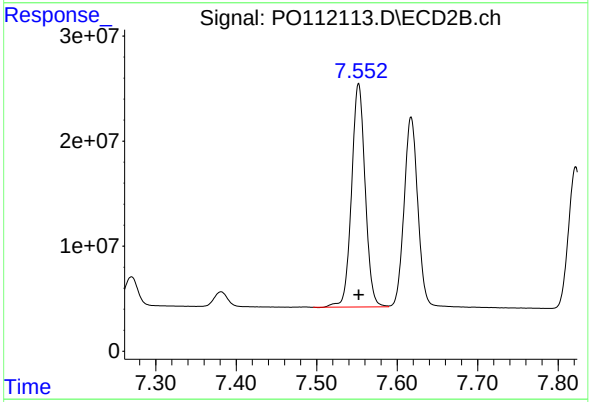
R.T.: 8.648 min
Delta R.T.: 0.000 min
Response: 162688721
Conc: 50.00 ng/ml



#41 AR-1268-1

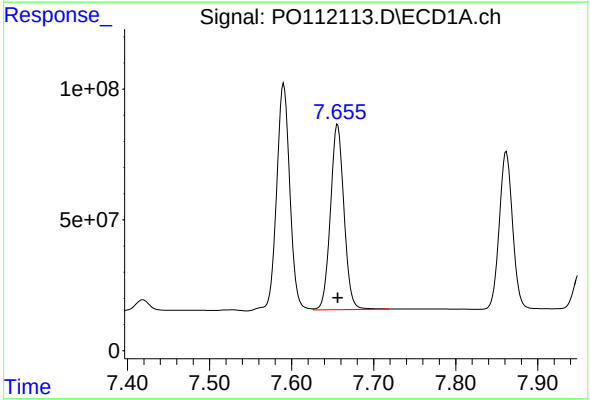
R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 966666591
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



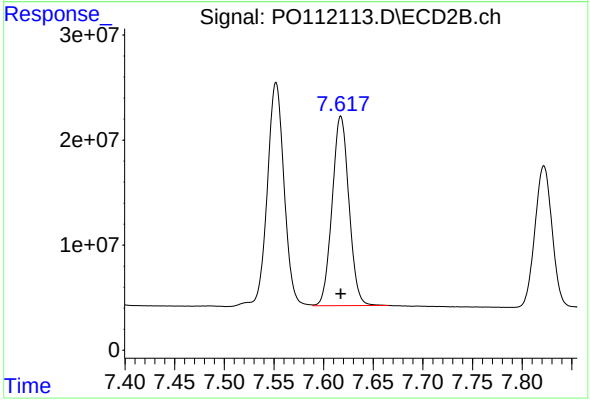
#41 AR-1268-1

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 249745315
Conc: 500.00 ng/ml



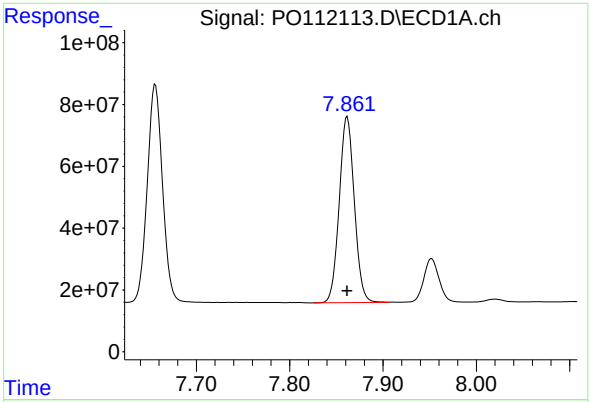
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 812441643
Conc: 500.00 ng/ml



#42 AR-1268-2

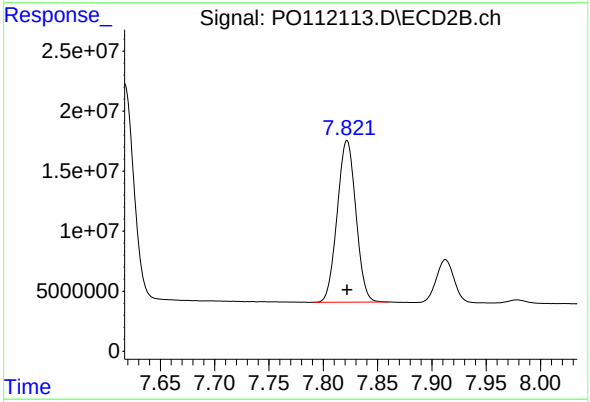
R.T.: 7.617 min
Delta R.T.: 0.000 min
Response: 212566069
Conc: 500.00 ng/ml



#43 AR-1268-3

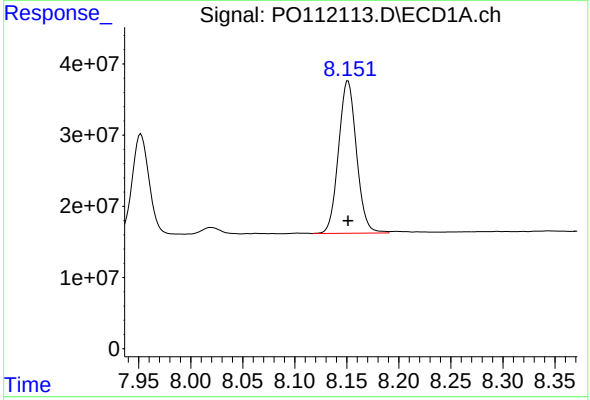
R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 675947461
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



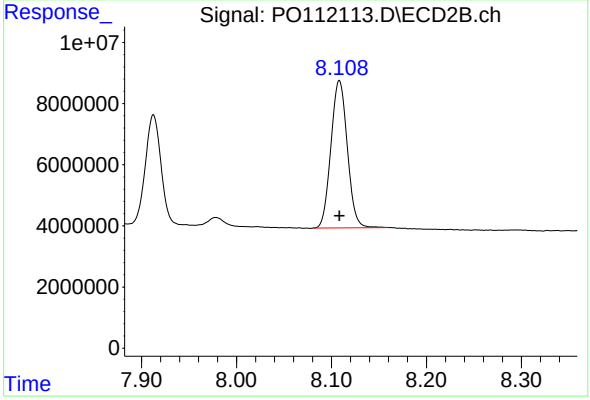
#43 AR-1268-3

R.T.: 7.822 min
Delta R.T.: 0.000 min
Response: 161185006
Conc: 500.00 ng/ml



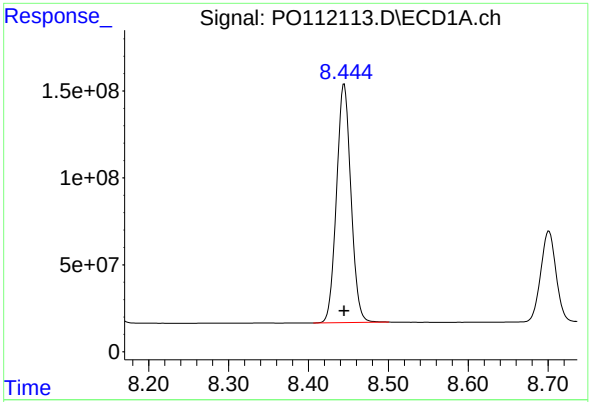
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 257020392
Conc: 500.00 ng/ml



#44 AR-1268-4

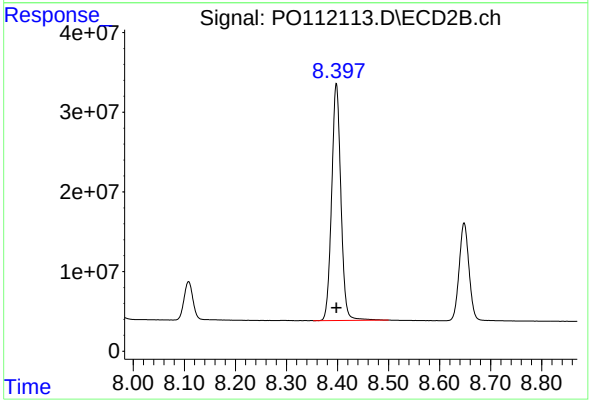
R.T.: 8.108 min
Delta R.T.: 0.000 min
Response: 57795189
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 1721880535
Conc: 500.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 374399232
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112114.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:57
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.667	259.9E6	164.3E6	24.261	24.302
2)	SA Decachlor...	8.703	8.650	342.2E6	82659475	24.738	25.404
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.553	472.5E6	128.6E6	244.386	257.479
42)	L9 AR-1268-2	7.658	7.619	399.3E6	109.7E6	245.741	257.940
43)	L9 AR-1268-3	7.864	7.823	334.3E6	83790903	247.301	259.922
44)	L9 AR-1268-4	8.153	8.110	127.6E6	29384246	248.229	254.210
45)	L9 AR-1268-5	8.446	8.399	837.4E6	188.8E6	243.174	252.154

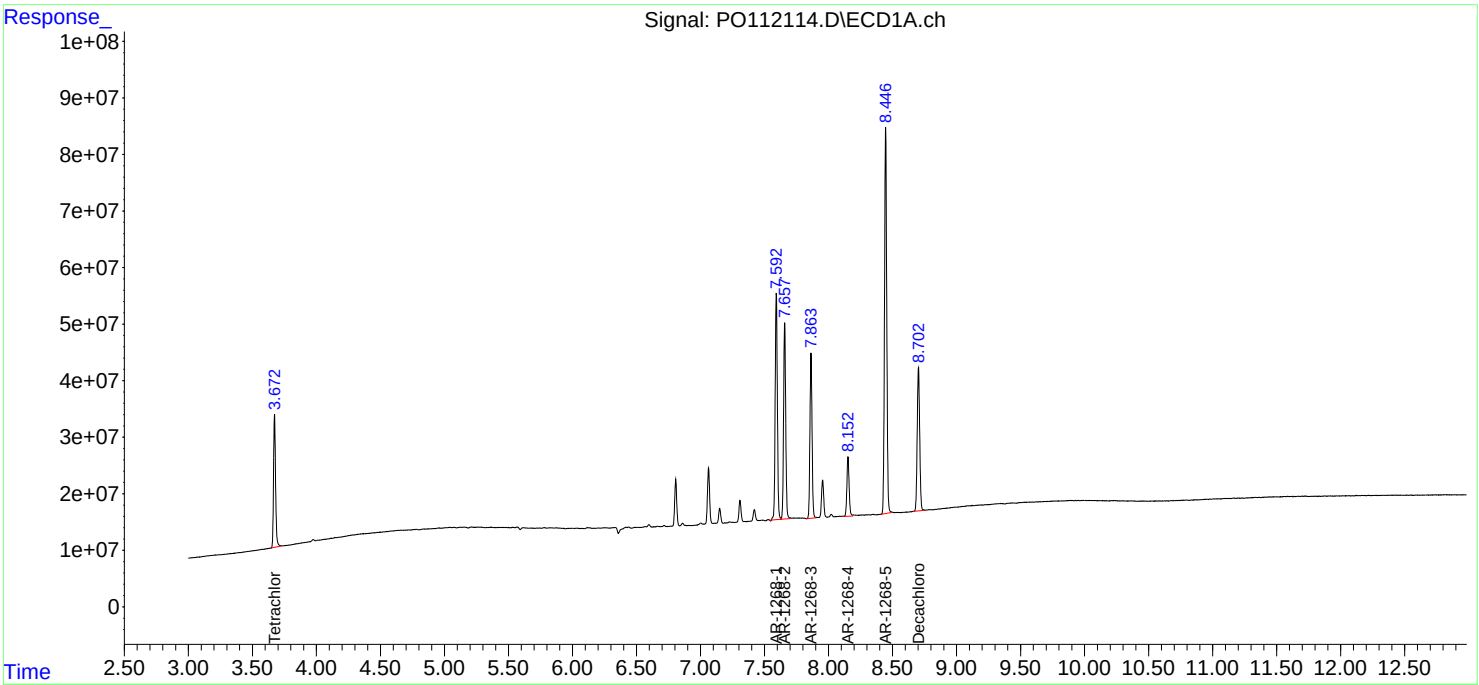
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

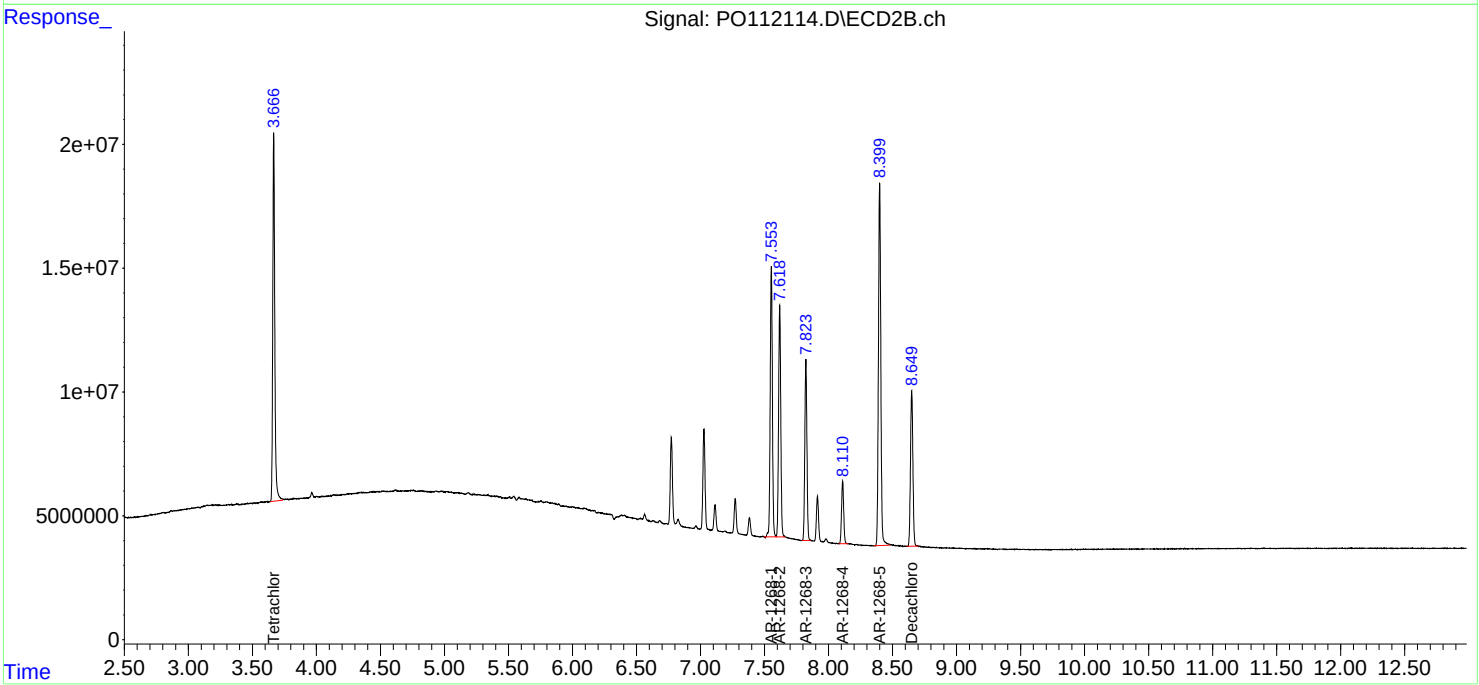
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112114.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:57
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

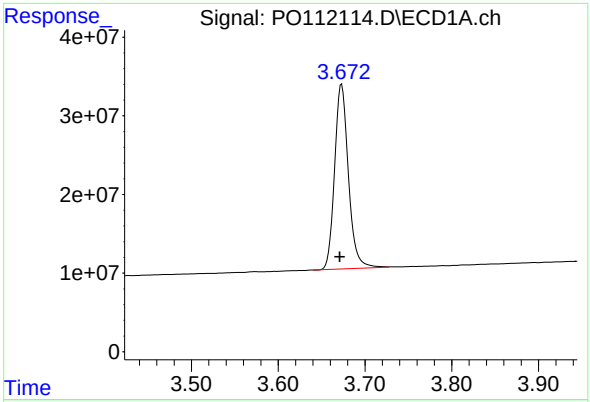
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



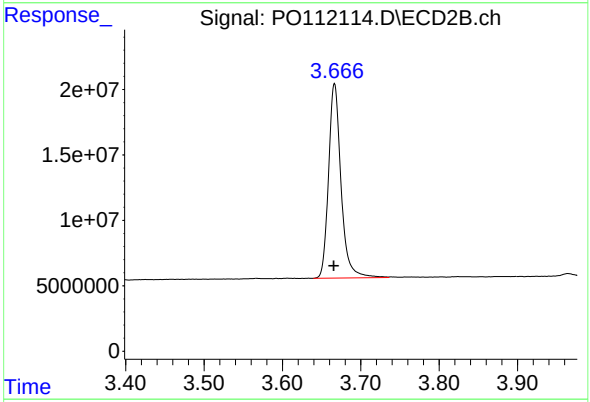




#1 Tetrachloro-m-xylene

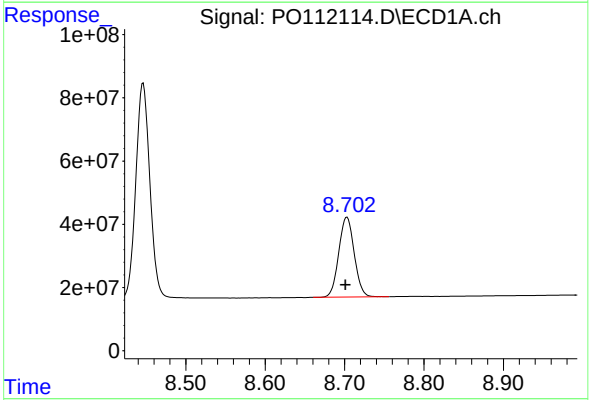
R.T.: 3.673 min
Delta R.T.: 0.002 min
Response: 259940477
Conc: 24.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



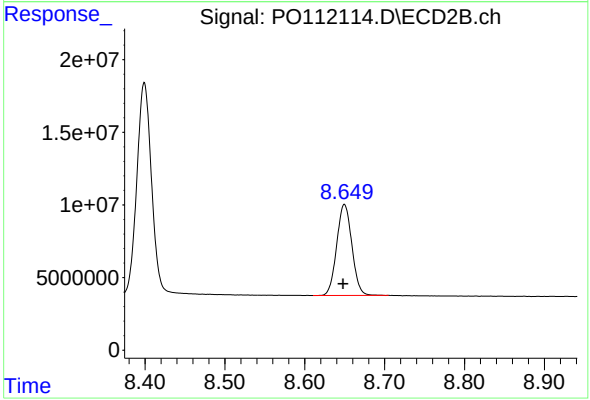
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 164334128
Conc: 24.30 ng/ml



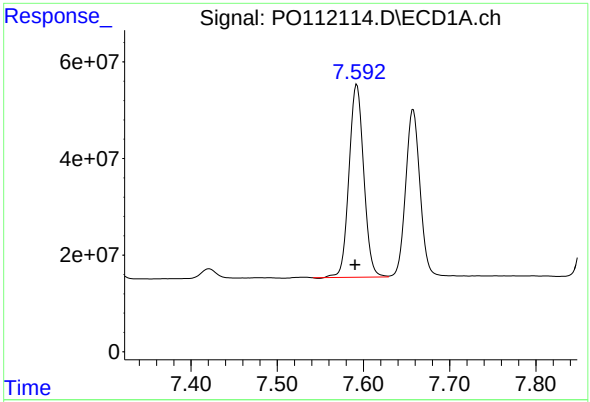
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.002 min
Response: 342155893
Conc: 24.74 ng/ml



#2 Decachlorobiphenyl

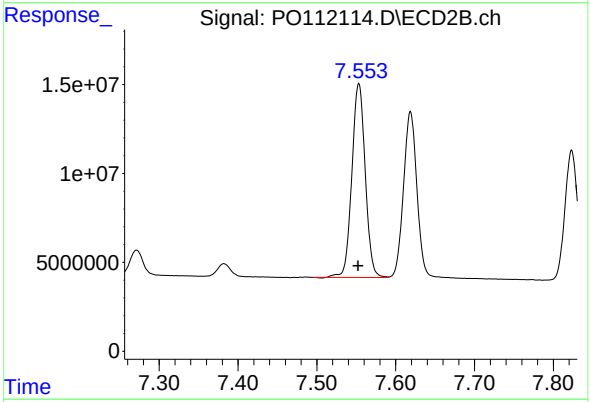
R.T.: 8.650 min
Delta R.T.: 0.002 min
Response: 82659475
Conc: 25.40 ng/ml



#41 AR-1268-1

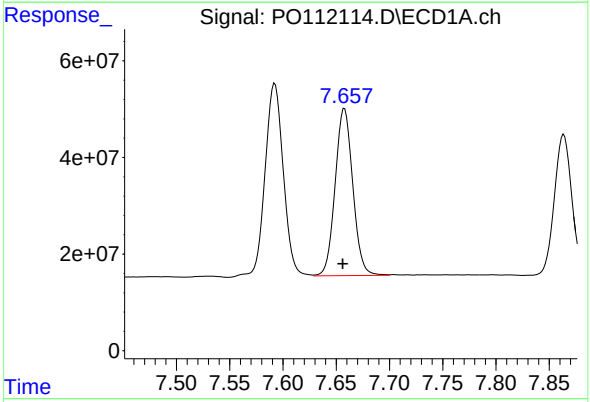
R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 472479873
Conc: 244.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



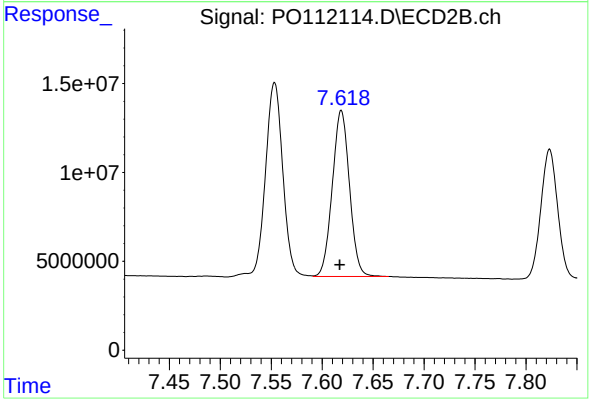
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: 0.001 min
Response: 128608333
Conc: 257.48 ng/ml



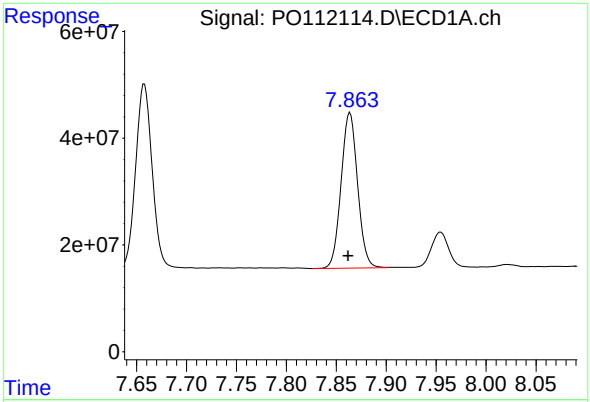
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.002 min
Response: 399300412
Conc: 245.74 ng/ml



#42 AR-1268-2

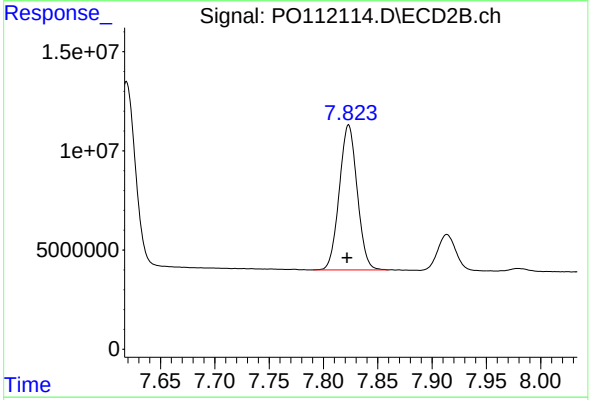
R.T.: 7.619 min
Delta R.T.: 0.001 min
Response: 109658423
Conc: 257.94 ng/ml



#43 AR-1268-3

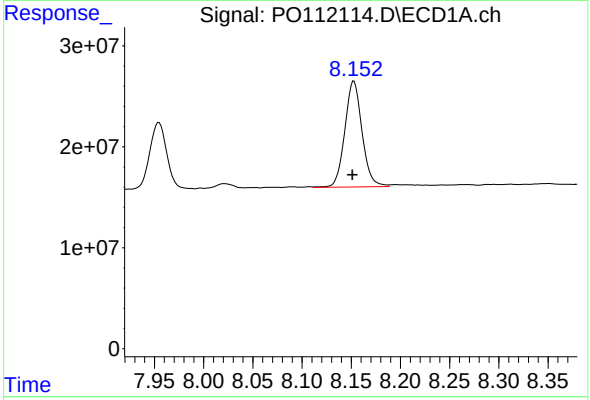
R.T.: 7.864 min
Delta R.T.: 0.002 min
Response: 334325326
Conc: 247.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



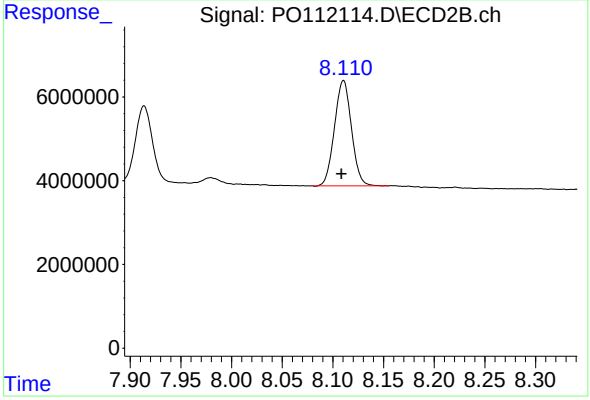
#43 AR-1268-3

R.T.: 7.823 min
Delta R.T.: 0.001 min
Response: 83790903
Conc: 259.92 ng/ml



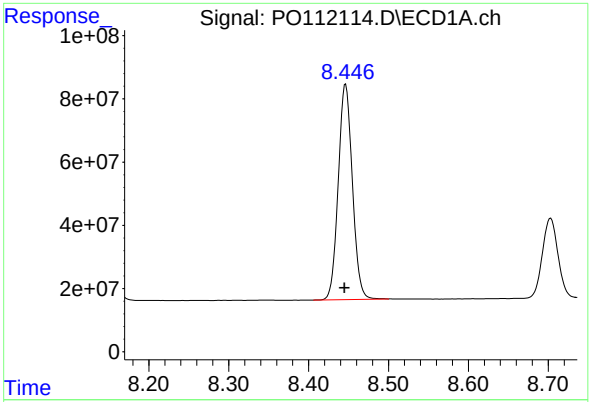
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 127600083
Conc: 248.23 ng/ml



#44 AR-1268-4

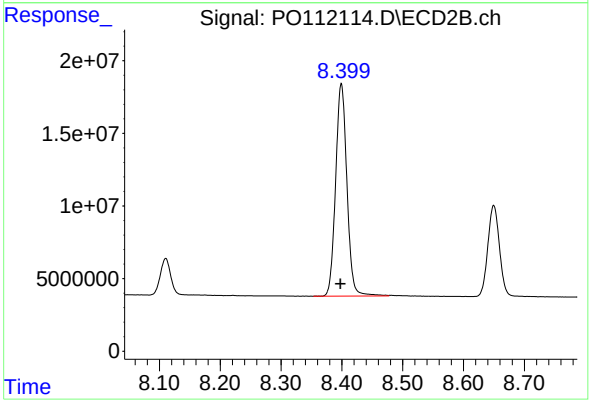
R.T.: 8.110 min
Delta R.T.: 0.002 min
Response: 29384246
Conc: 254.21 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.002 min
Response: 837433170
Conc: 243.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.001 min
Response: 188812276
Conc: 252.15 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.666	38867548	25586379	3.628	3.784
2)	SA Decachlor...	8.703	8.649	53087700	13607316	3.838	4.182
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.553	73430329	23025590	37.981m	46.098
42)	L9 AR-1268-2	7.658	7.618	64617530	19259498	39.767	45.302
43)	L9 AR-1268-3	7.863	7.822	55605590	14843274	41.132m	46.044
44)	L9 AR-1268-4	8.154	8.109	18826938	4939808	36.625	42.735
45)	L9 AR-1268-5	8.447	8.398	127.8E6	32095228	37.097	42.862

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

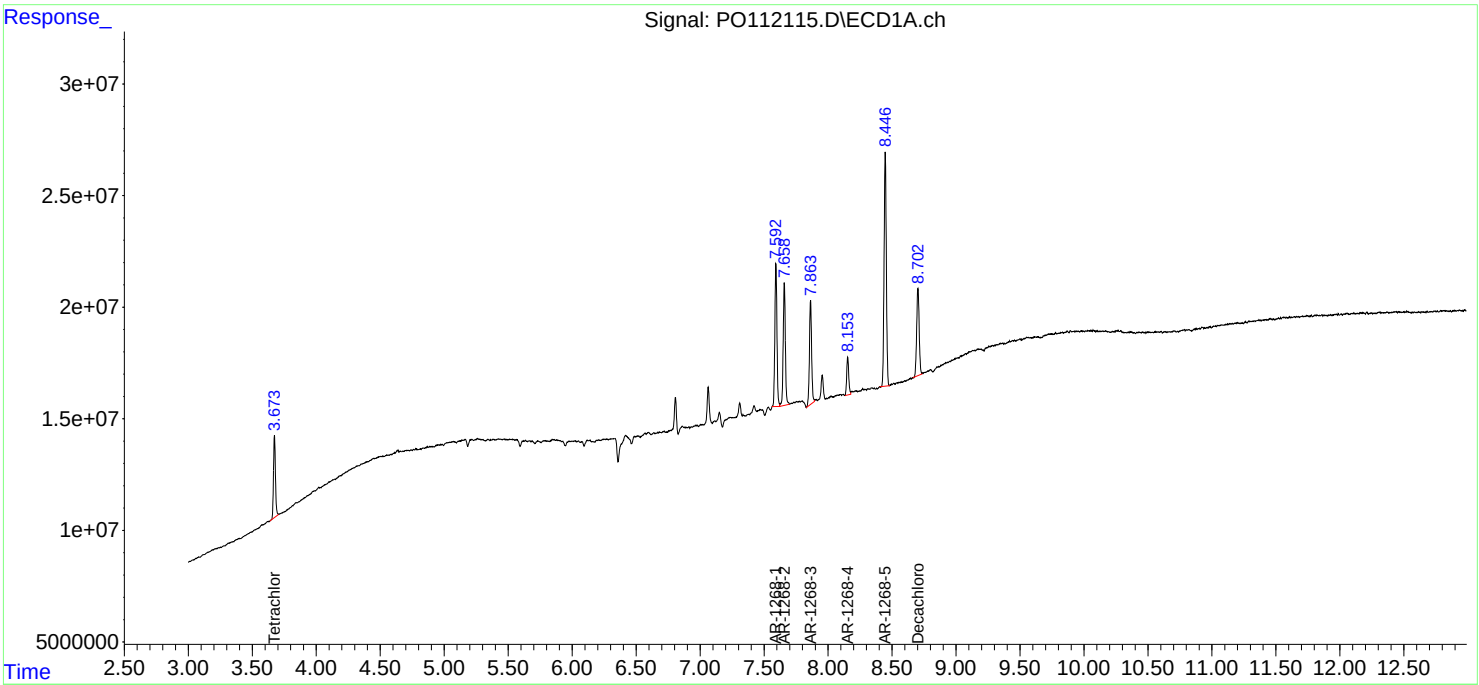
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

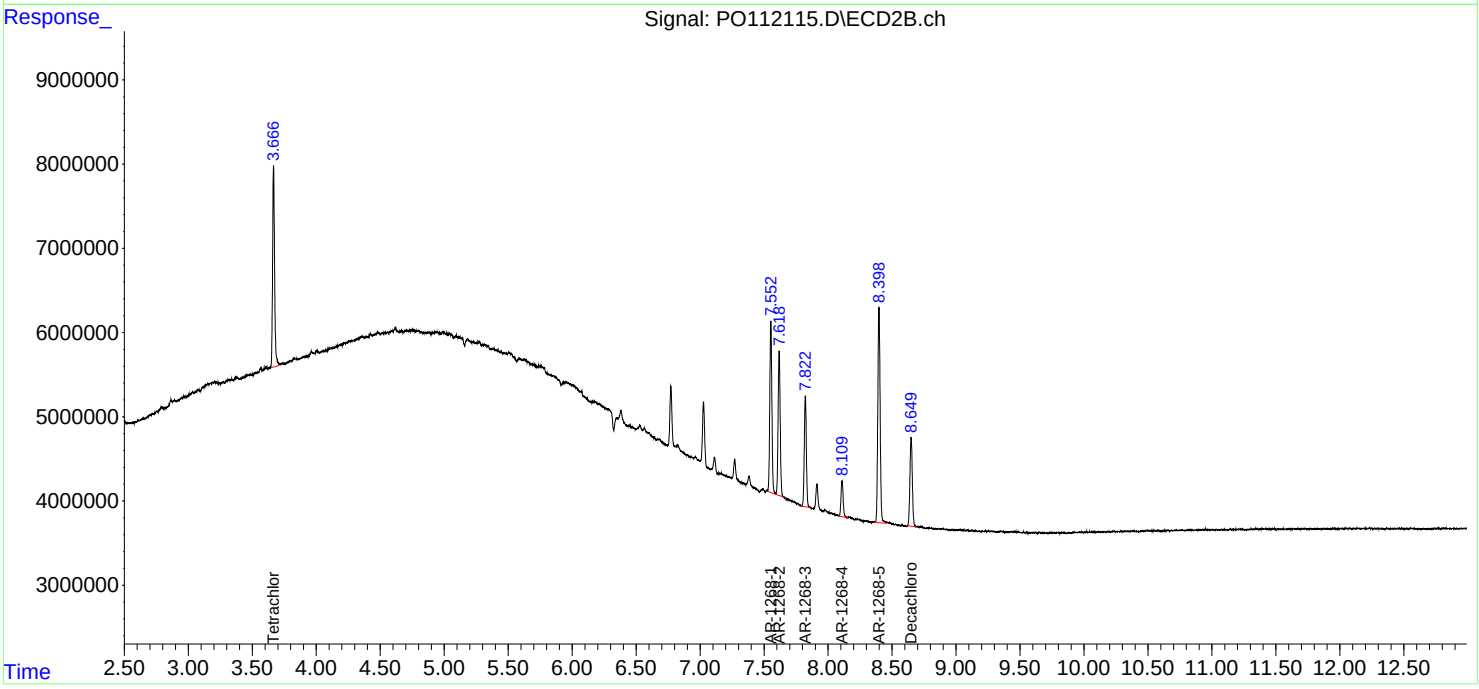
Manual Integrations APPROVED

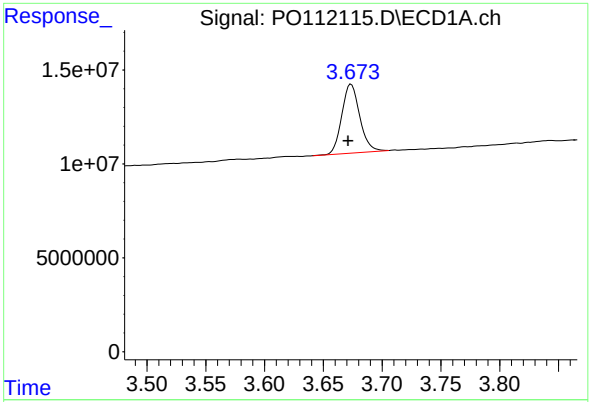
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







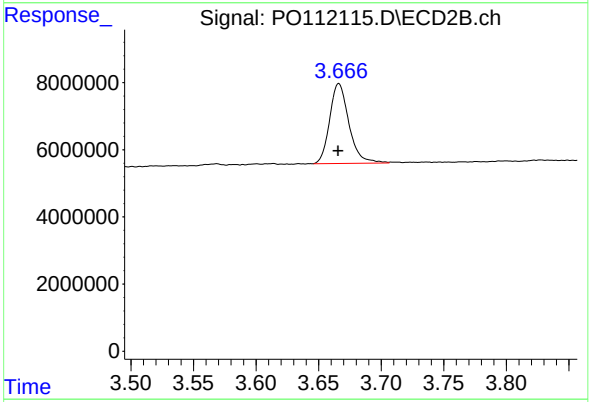
#1 Tetrachloro-m-xylene

R.T.: 3.674 min
Delta R.T.: 0.003 min
Response: 38867548
Conc: 3.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

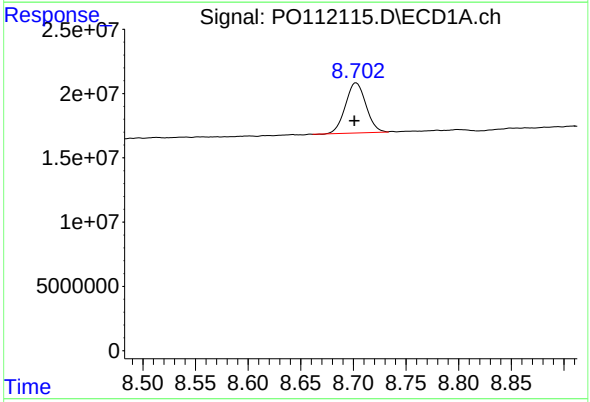
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



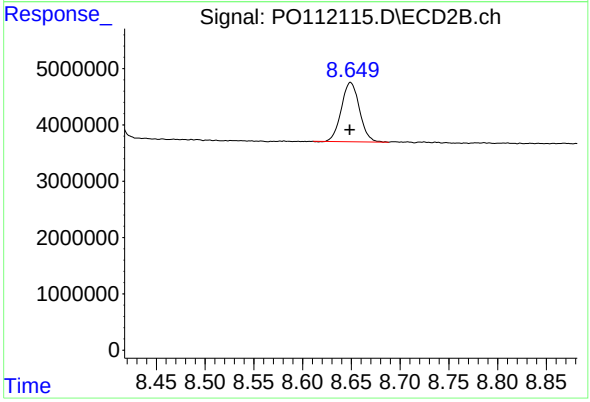
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 25586379
Conc: 3.78 ng/ml



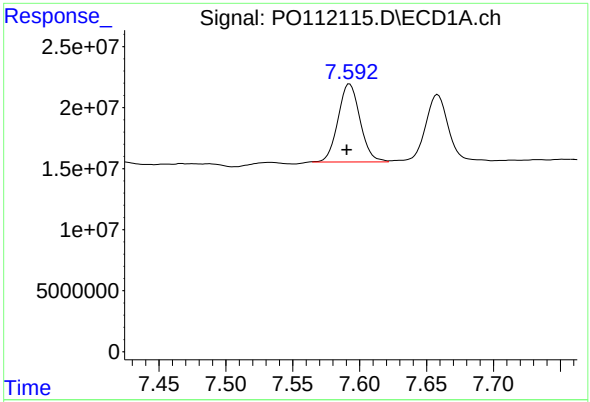
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.002 min
Response: 53087700
Conc: 3.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: 0.001 min
Response: 13607316
Conc: 4.18 ng/ml



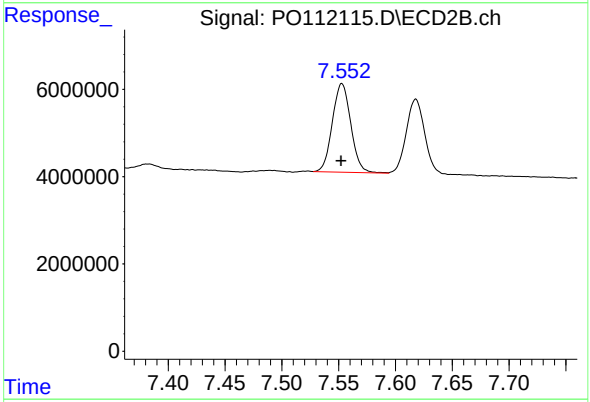
#41 AR-1268-1

R.T.: 7.592 min
Delta R.T.: 0.001 min
Response: 73430329
Conc: 37.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

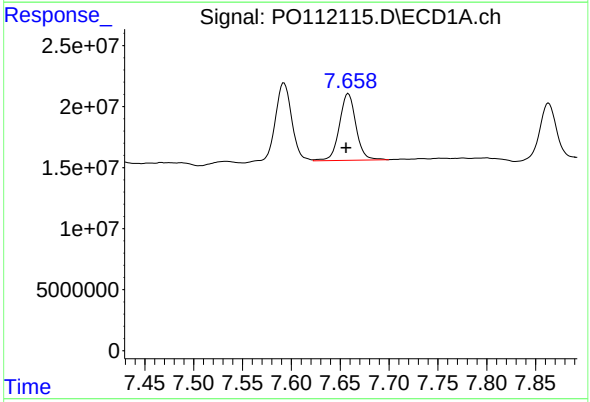
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



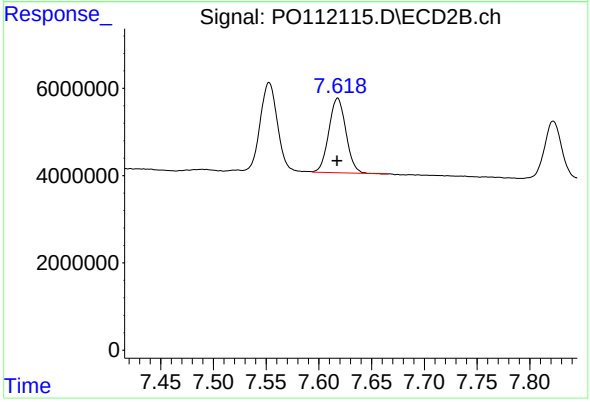
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 23025590
Conc: 46.10 ng/ml



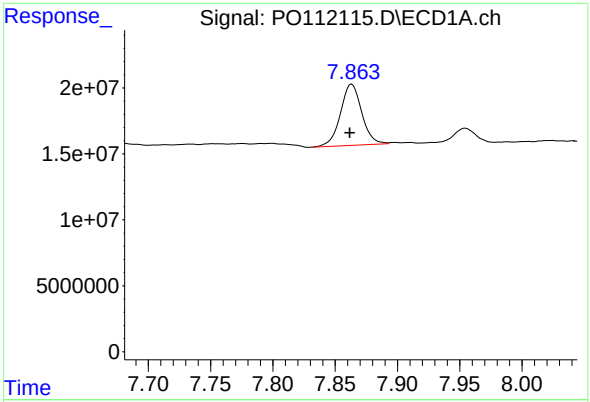
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.002 min
Response: 64617530
Conc: 39.77 ng/ml



#42 AR-1268-2

R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 19259498
Conc: 45.30 ng/ml



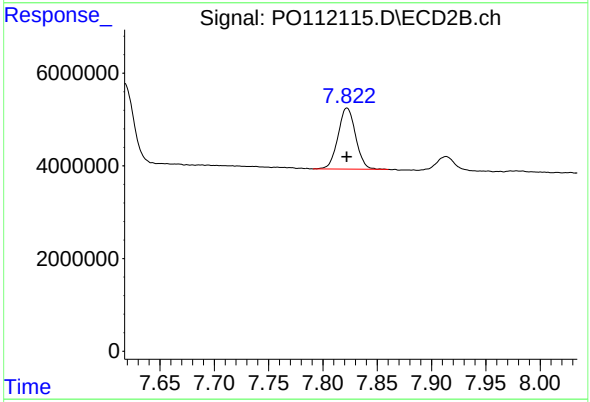
#43 AR-1268-3

R.T.: 7.863 min
Delta R.T.: 0.000 min
Response: 55605590
Conc: 41.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

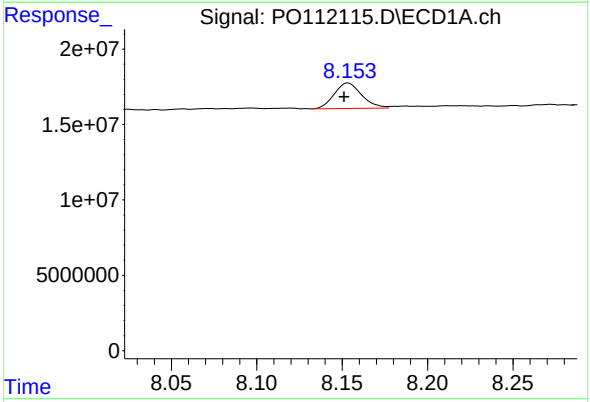
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



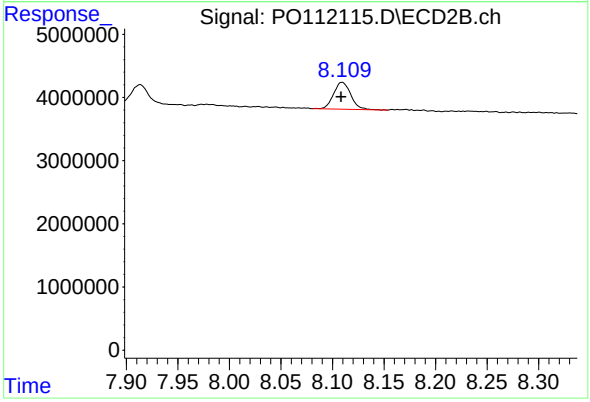
#43 AR-1268-3

R.T.: 7.822 min
Delta R.T.: 0.000 min
Response: 14843274
Conc: 46.04 ng/ml



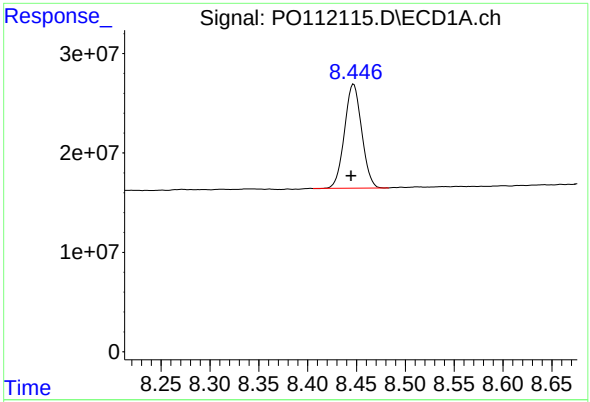
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 18826938
Conc: 36.63 ng/ml



#44 AR-1268-4

R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 4939808
Conc: 42.74 ng/ml



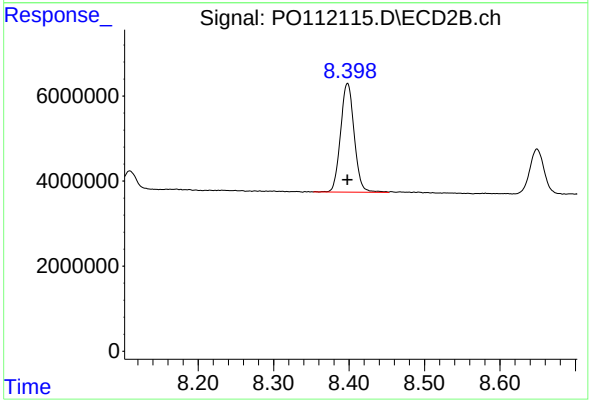
#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 127752115
Conc: 37.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 32095228
Conc: 42.86 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.666	521.7E6	329.9E6	52.728	51.784
2)	SA Decachlor...	8.702	8.649	362.0E6	87909411	52.944	51.007
	Target Compounds						
3)	L1 AR-1016-1	4.760	4.742	175.3E6	107.8E6	515.284	483.610m
4)	L1 AR-1016-2	4.779	4.761	259.8E6	163.6E6	522.388	497.237m
5)	L1 AR-1016-3	4.836	4.936	165.0E6	85046592	509.600	500.666
6)	L1 AR-1016-4	4.956	4.979	132.8E6	68299058	517.300	497.707
7)	L1 AR-1016-5	5.213	5.190	137.8E6	89116759	503.683	516.768
31)	L7 AR-1260-1	6.250	6.220	257.1E6	138.6E6	512.929	493.882
32)	L7 AR-1260-2	6.440	6.408	380.3E6	165.9E6	515.168	487.864
33)	L7 AR-1260-3	6.806	6.559	331.7E6	141.4E6	506.110	512.911m
34)	L7 AR-1260-4	7.065	7.029	235.9E6	98320139	541.983	490.020m
35)	L7 AR-1260-5	7.308	7.271	694.1E6	218.4E6	549.787	487.907

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

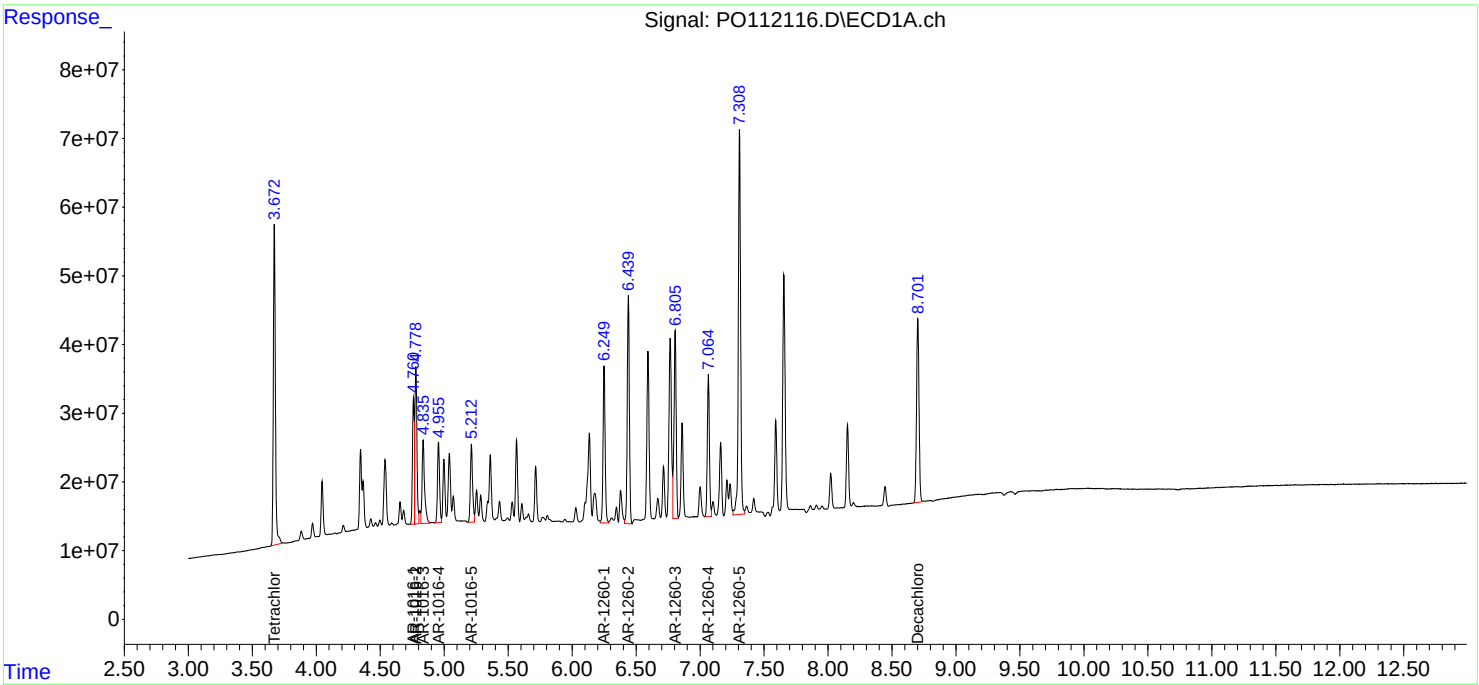
Instrument :
ECD_O
ClientSampleId :
ICVPO070825

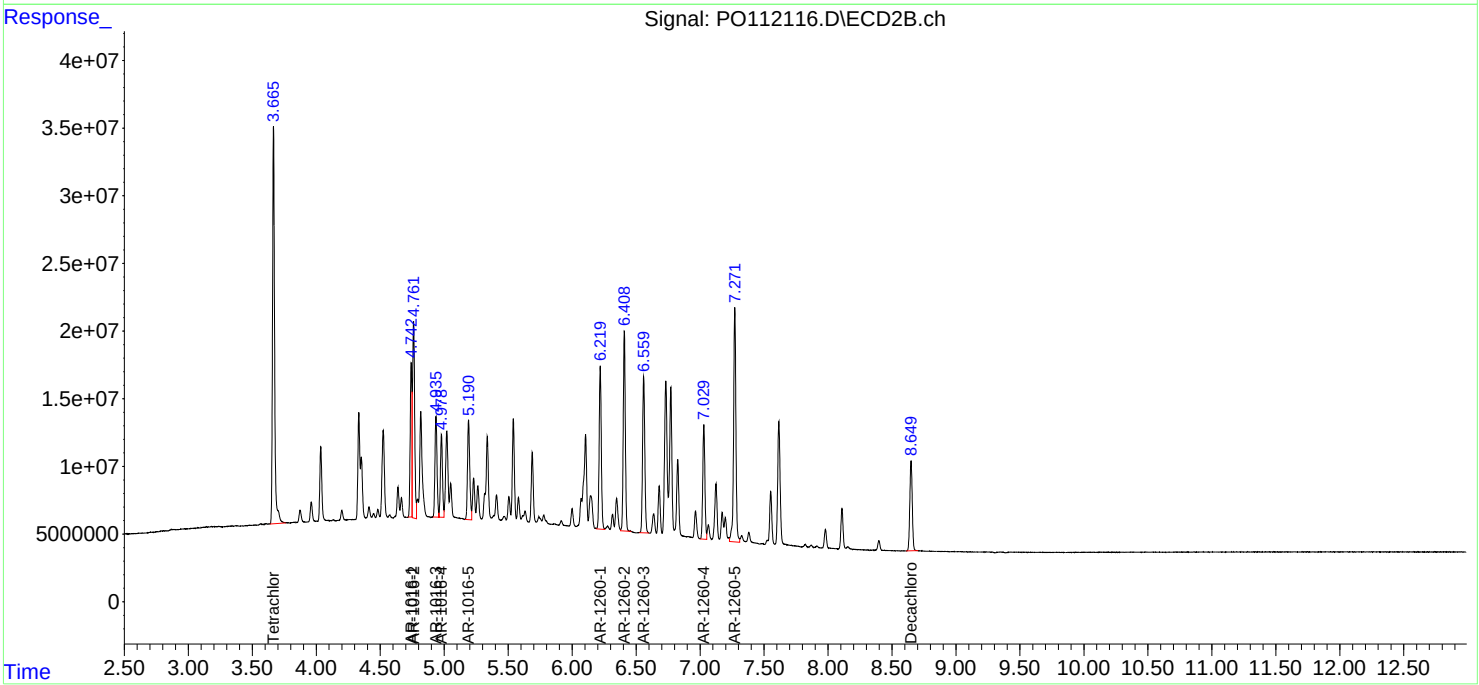
Manual Integrations APPROVED

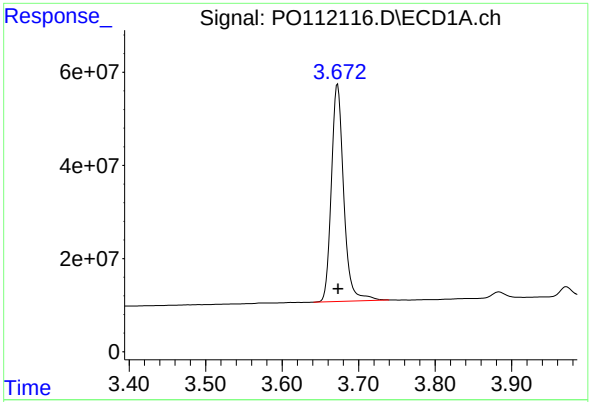
Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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







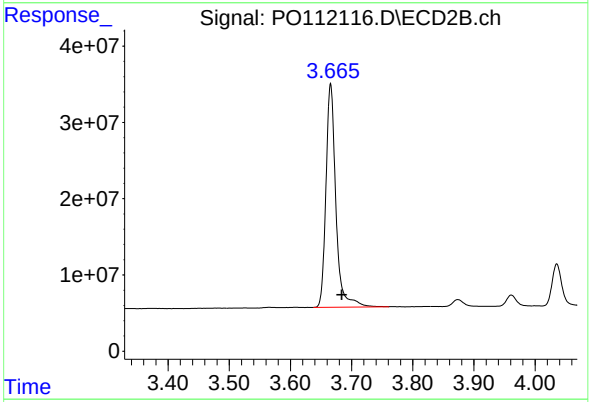
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 521724349
Conc: 52.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

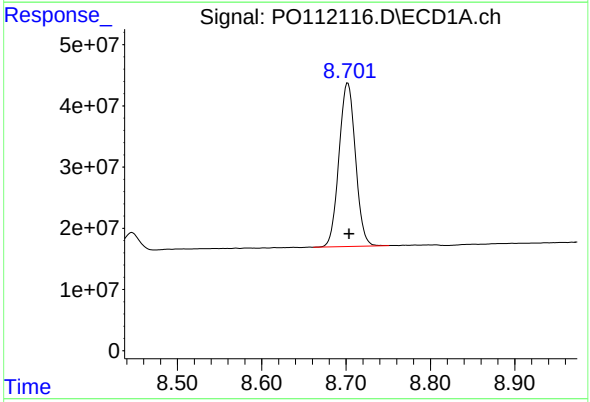
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



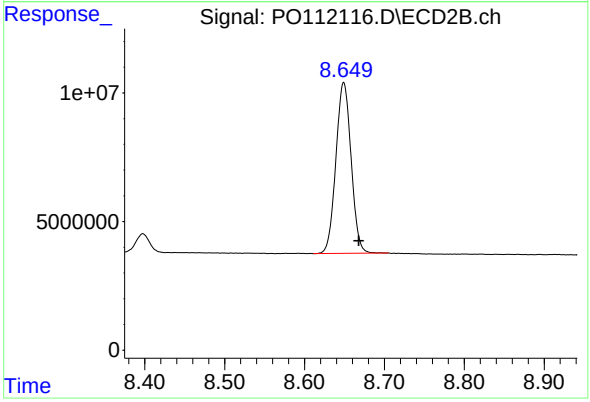
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 329918340
Conc: 51.78 ng/ml



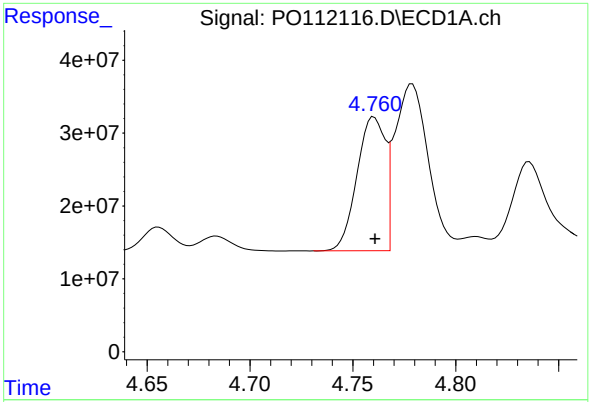
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 361977757
Conc: 52.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 87909411
Conc: 51.01 ng/ml



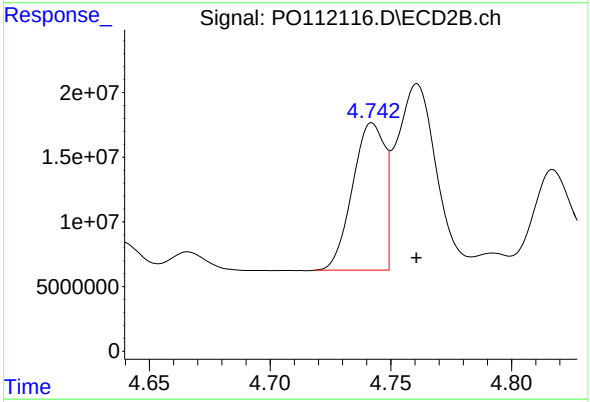
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 175259674
Conc: 515.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

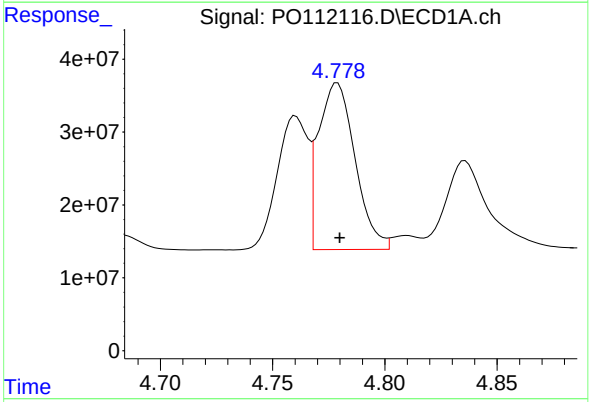
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



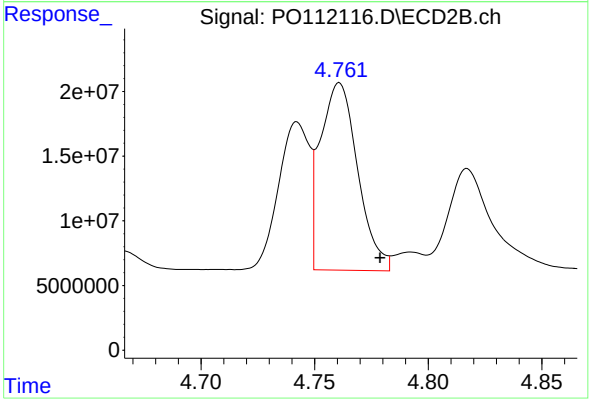
#3 AR-1016-1

R.T.: 4.742 min
Delta R.T.: -0.019 min
Response: 107764906
Conc: 483.61 ng/ml m



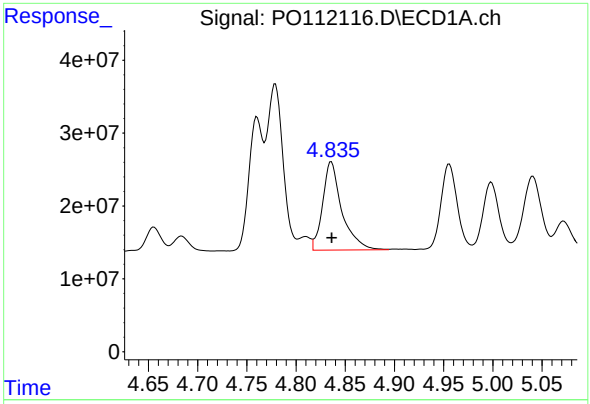
#4 AR-1016-2

R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 259779428
Conc: 522.39 ng/ml



#4 AR-1016-2

R.T.: 4.761 min
Delta R.T.: -0.018 min
Response: 163639494
Conc: 497.24 ng/ml m



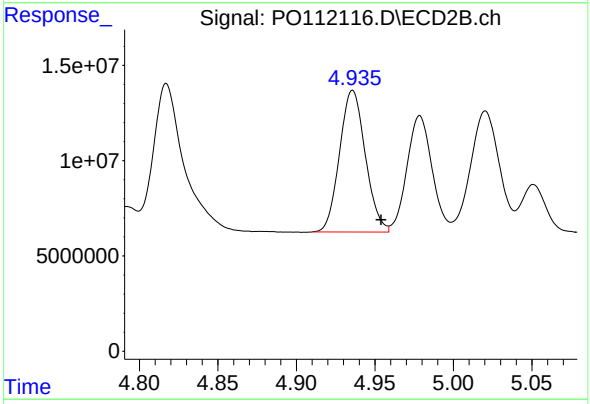
#5 AR-1016-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 164964568
Conc: 509.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

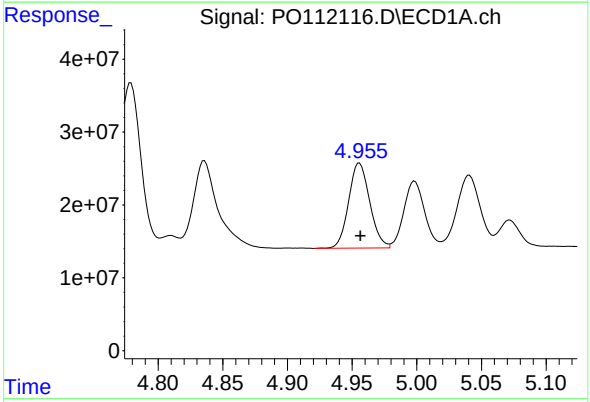
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



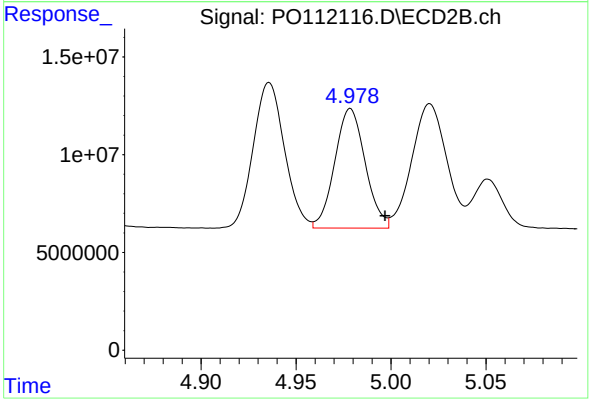
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.018 min
Response: 85046592
Conc: 500.67 ng/ml



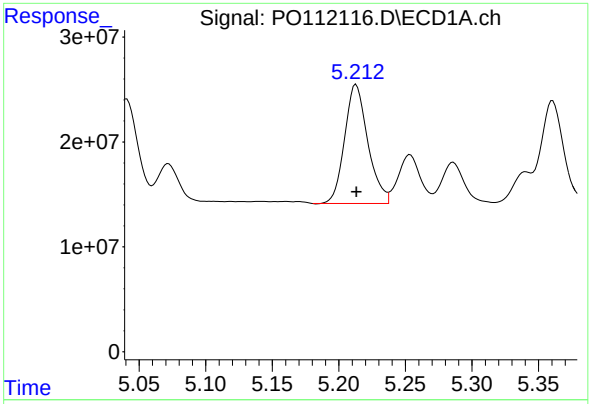
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 132842340
Conc: 517.30 ng/ml



#6 AR-1016-4

R.T.: 4.979 min
Delta R.T.: -0.018 min
Response: 68299058
Conc: 497.71 ng/ml



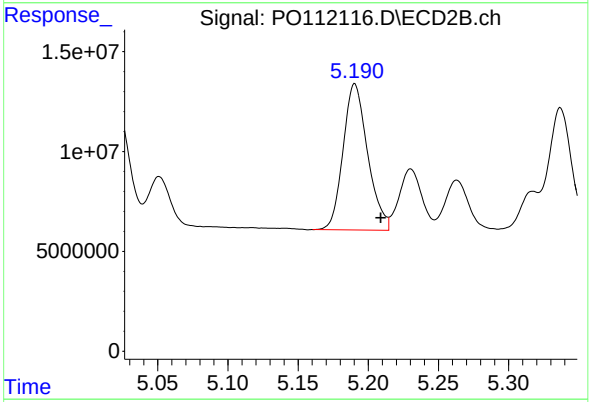
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 137838808
Conc: 503.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

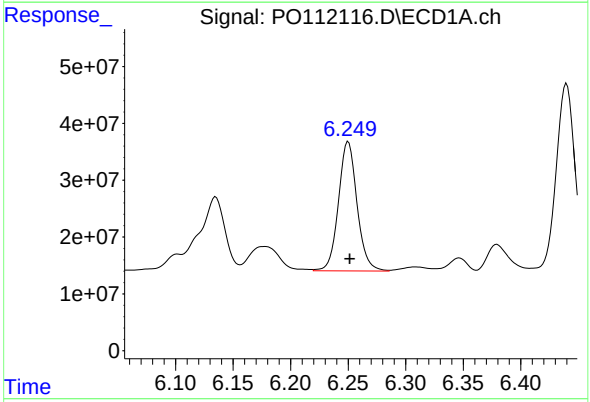
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



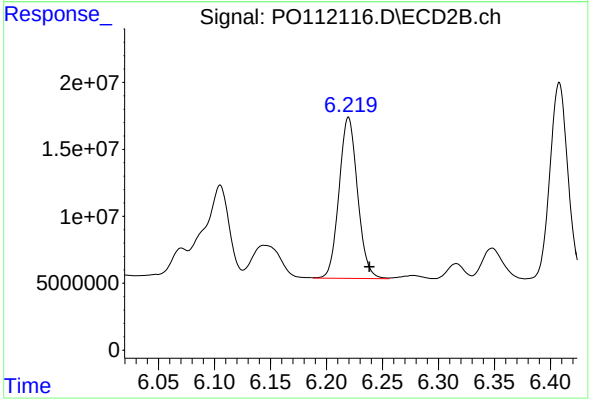
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.018 min
Response: 89116759
Conc: 516.77 ng/ml



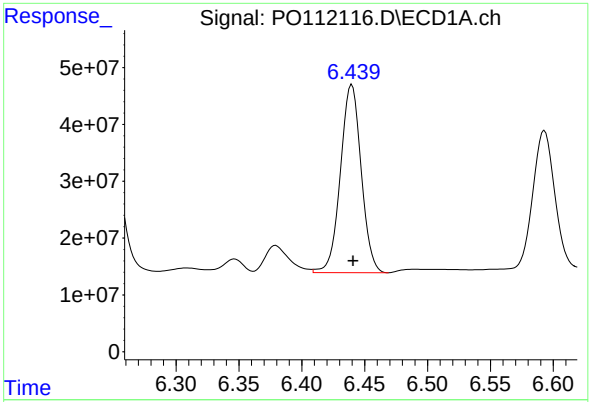
#31 AR-1260-1

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 257100150
Conc: 512.93 ng/ml



#31 AR-1260-1

R.T.: 6.220 min
Delta R.T.: -0.019 min
Response: 138564703
Conc: 493.88 ng/ml



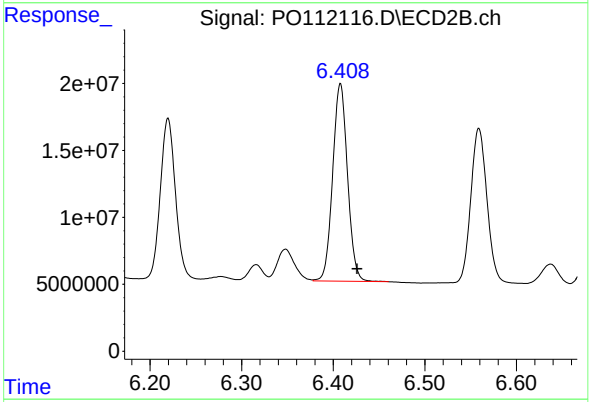
#32 AR-1260-2

R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 380263019
Conc: 515.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

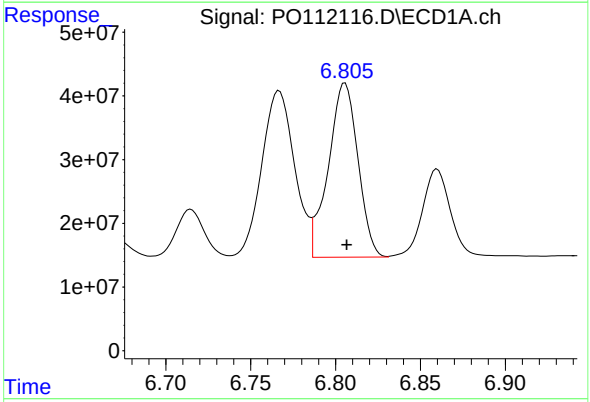
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



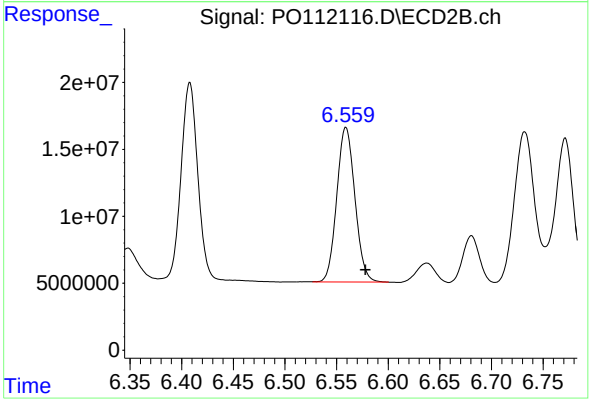
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: -0.018 min
Response: 165872316
Conc: 487.86 ng/ml



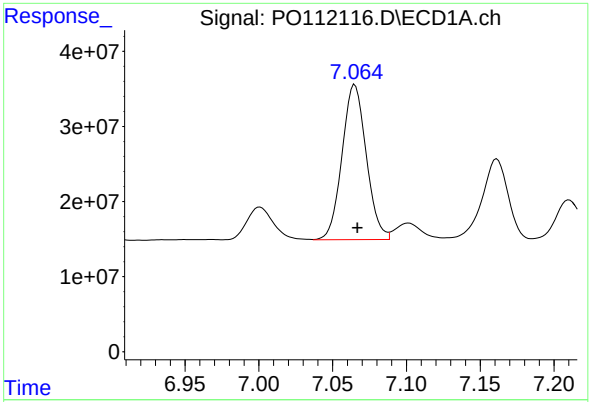
#33 AR-1260-3

R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 331746197
Conc: 506.11 ng/ml



#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: -0.019 min
Response: 141351043
Conc: 512.91 ng/ml m



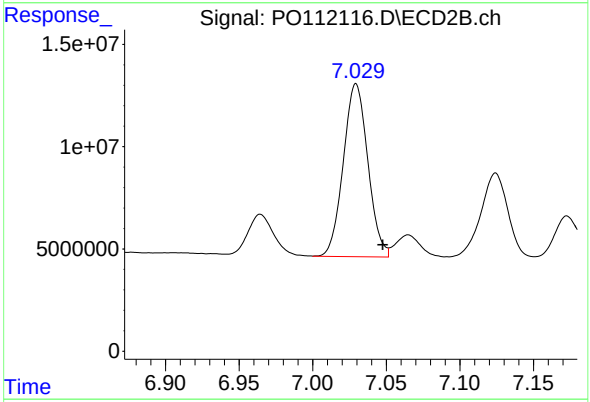
#34 AR-1260-4

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 235897061
Conc: 541.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

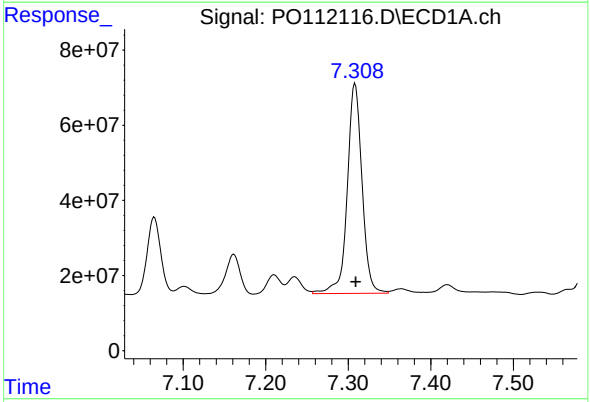
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025



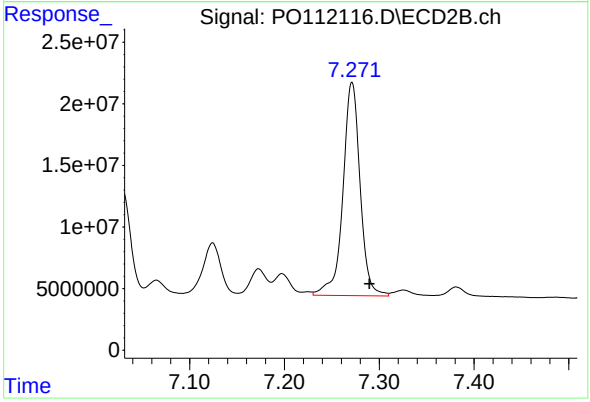
#34 AR-1260-4

R.T.: 7.029 min
Delta R.T.: -0.019 min
Response: 98320139
Conc: 490.02 ng/ml m



#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 694127135
Conc: 549.79 ng/ml



#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: -0.018 min
Response: 218449847
Conc: 487.91 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:11
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.673	3.666	512.4E6	321.3E6	51.790	50.425
2)	SA Decachlor...	8.703	8.649	365.5E6	88771778	53.453	51.508
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.742	146.8E6	93302949	506.810	481.294
17)	L4 AR-1242-2	4.779	4.761	220.6E6	136.9E6	518.026	483.283
18)	L4 AR-1242-3	4.836	4.936	139.5E6	71189360	509.797	488.679
19)	L4 AR-1242-4	4.956	5.020	112.3E6	68561477	498.302	483.370
20)	L4 AR-1242-5	5.607	5.540	110.4E6	88688434	521.388	488.012

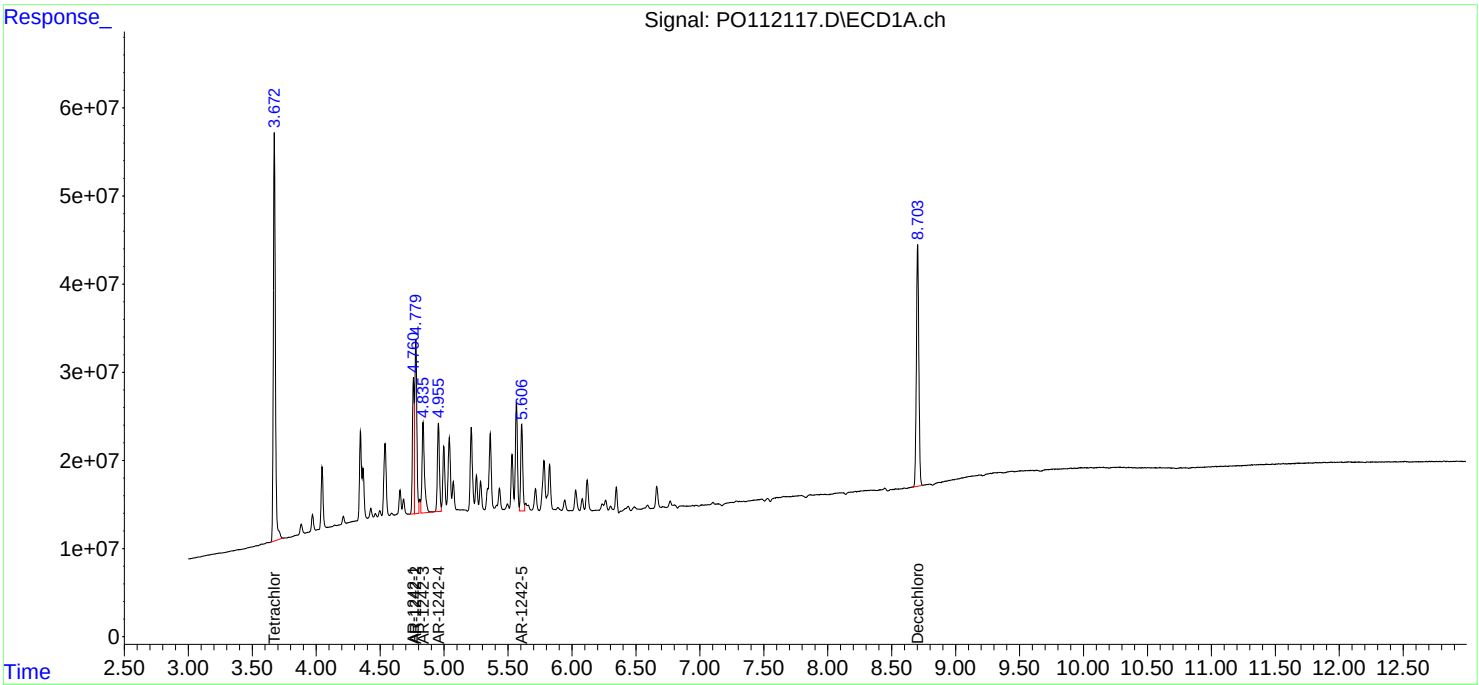
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

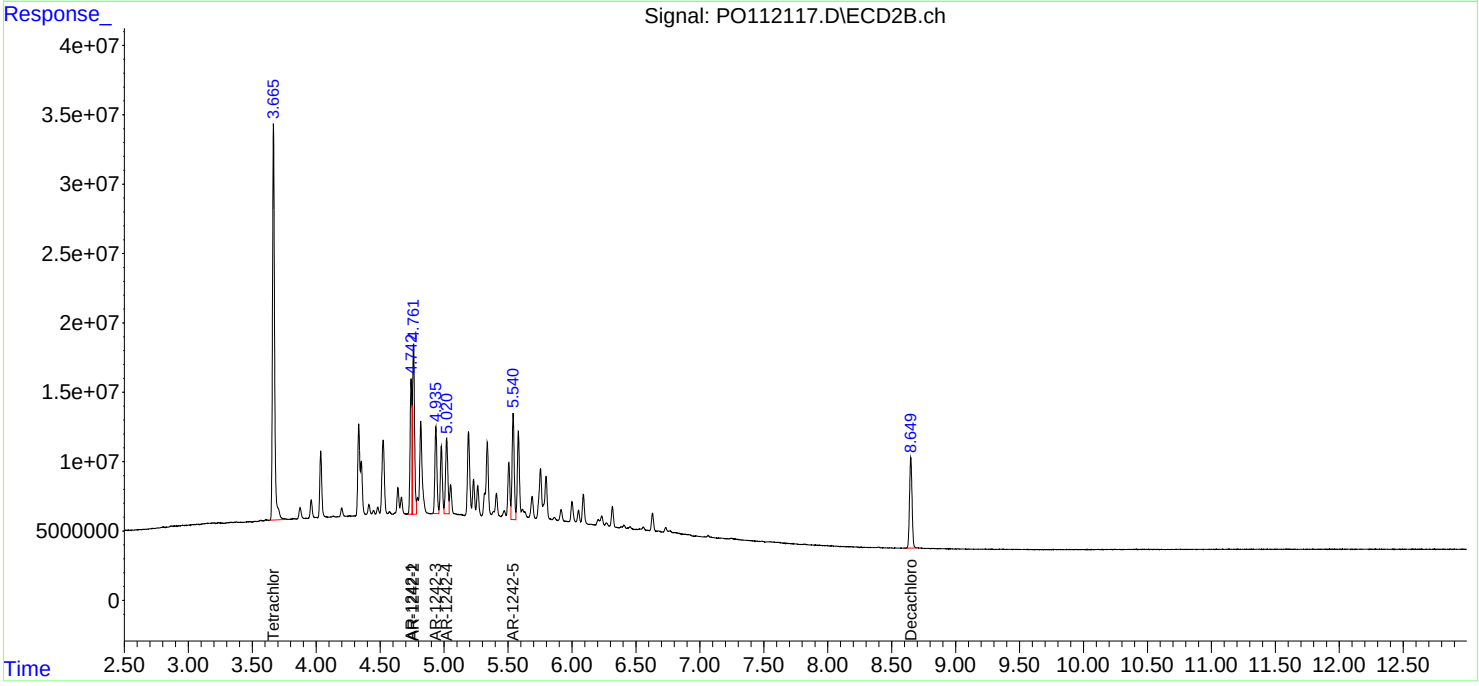
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:11
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

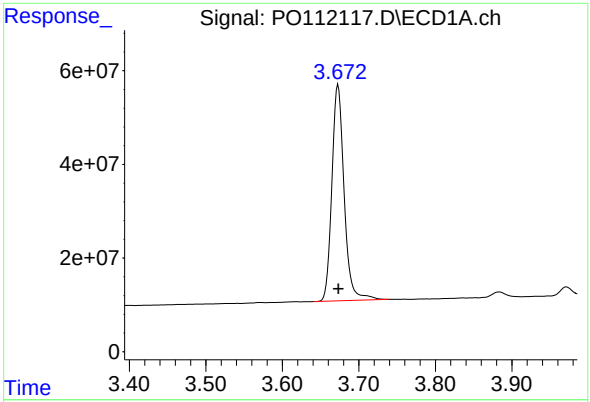
Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



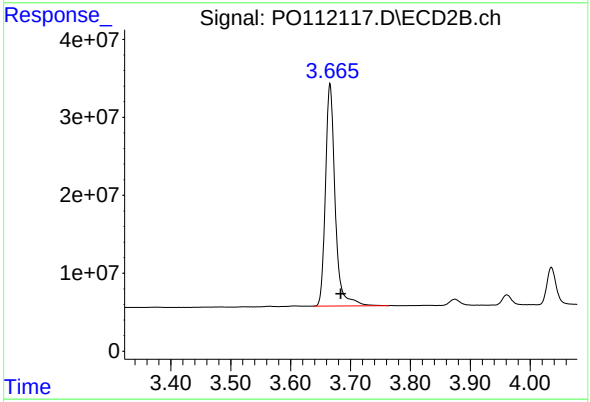




#1 Tetrachloro-m-xylene

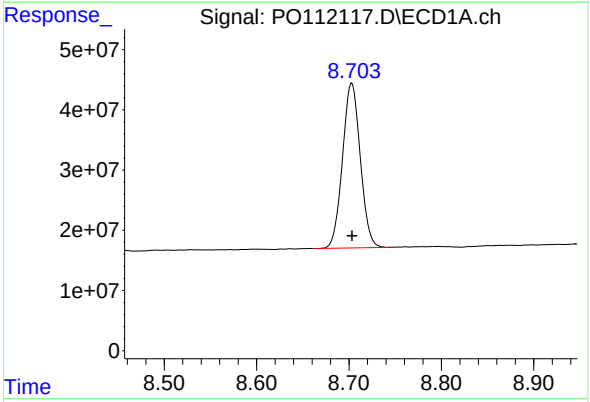
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 512444469
Conc: 51.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242



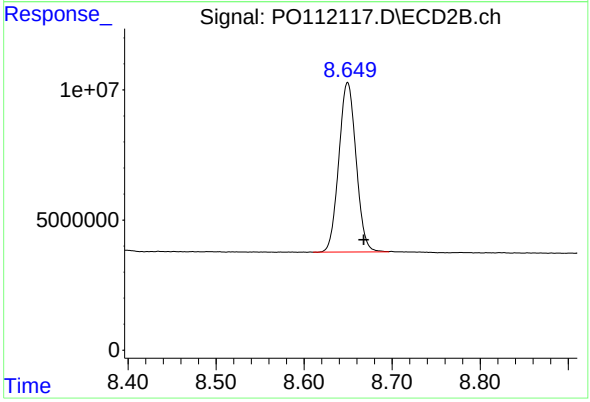
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 321262711
Conc: 50.43 ng/ml



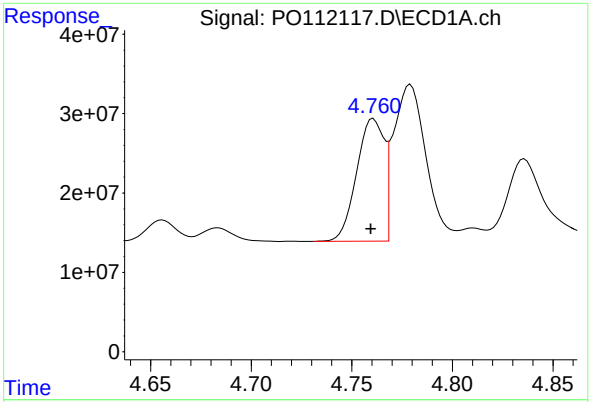
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 365459376
Conc: 53.45 ng/ml



#2 Decachlorobiphenyl

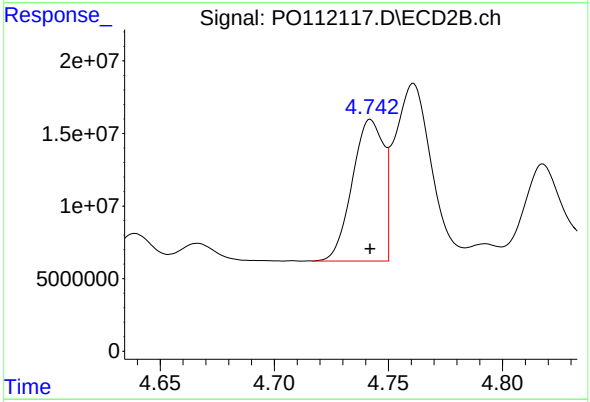
R.T.: 8.649 min
Delta R.T.: -0.018 min
Response: 88771778
Conc: 51.51 ng/ml



#16 AR-1242-1

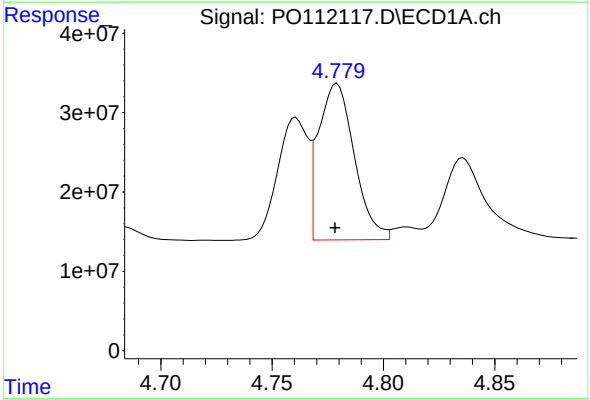
R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 146790775
Conc: 506.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242



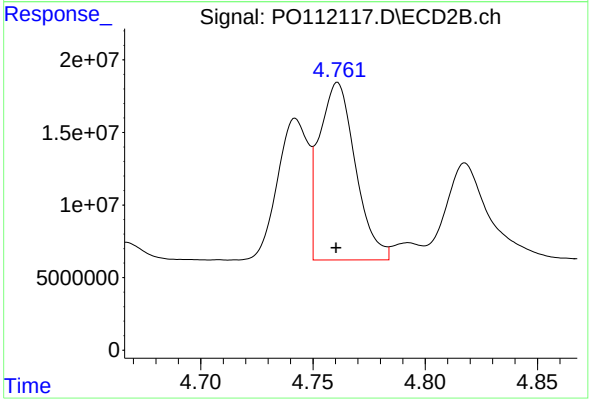
#16 AR-1242-1

R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 93302949
Conc: 481.29 ng/ml



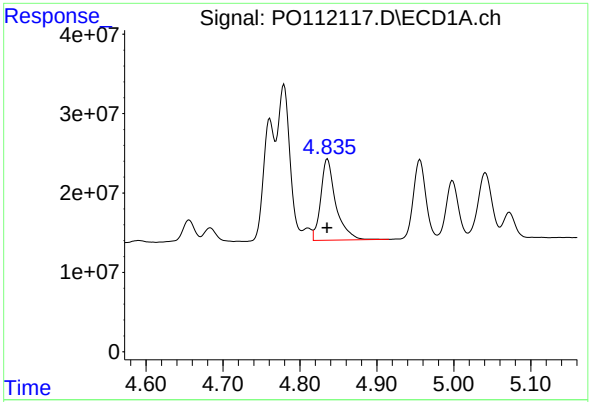
#17 AR-1242-2

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 220637618
Conc: 518.03 ng/ml



#17 AR-1242-2

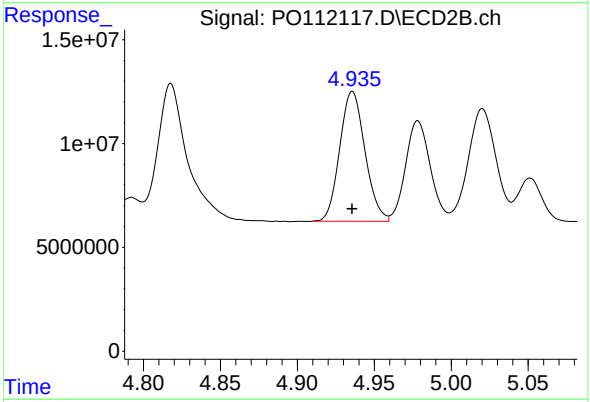
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 136939485
Conc: 483.28 ng/ml



#18 AR-1242-3

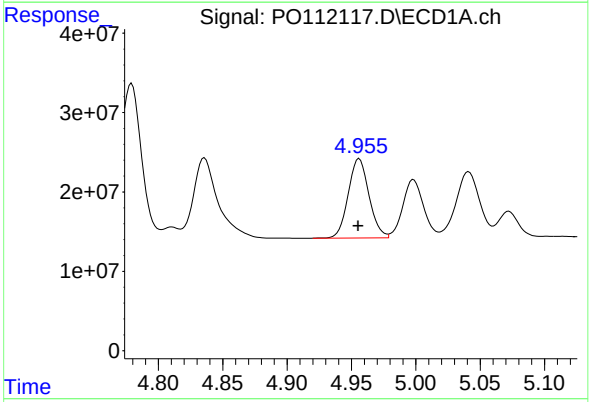
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 139524172
Conc: 509.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242



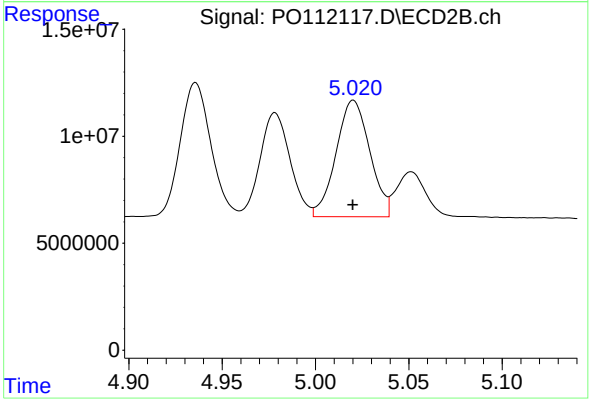
#18 AR-1242-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 71189360
Conc: 488.68 ng/ml



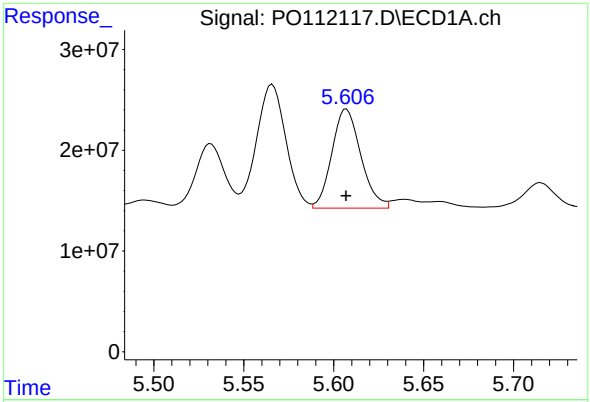
#19 AR-1242-4

R.T.: 4.956 min
Delta R.T.: 0.001 min
Response: 112276548
Conc: 498.30 ng/ml



#19 AR-1242-4

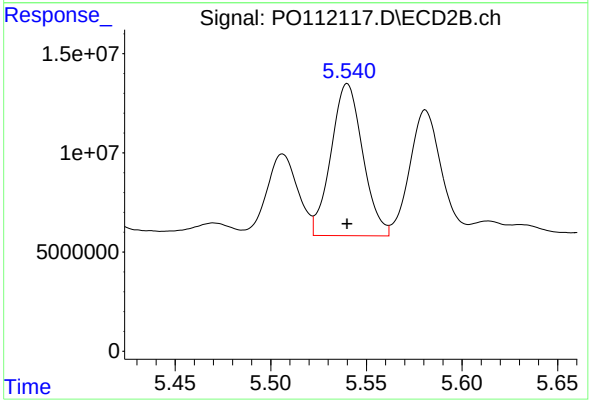
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 68561477
Conc: 483.37 ng/ml



#20 AR-1242-5

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 110362758
Conc: 521.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242



#20 AR-1242-5

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 88688434
Conc: 488.01 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.673	3.666	508.1E6	317.9E6	51.354	49.890
2)	SA Decachlor...	8.702	8.650	362.9E6	88364492	53.072	51.272
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.742	111.3E6	71004811	490.349	459.970
22)	L5 AR-1248-2	4.998	4.979	149.3E6	96786968	484.269	470.370
23)	L5 AR-1248-3	5.213	5.020	189.9E6	101.5E6	466.127	472.319
24)	L5 AR-1248-4	5.565	5.191	278.9E6	121.0E6	483.314	467.745
25)	L5 AR-1248-5	5.607	5.581	185.2E6	118.9E6	474.463	474.612

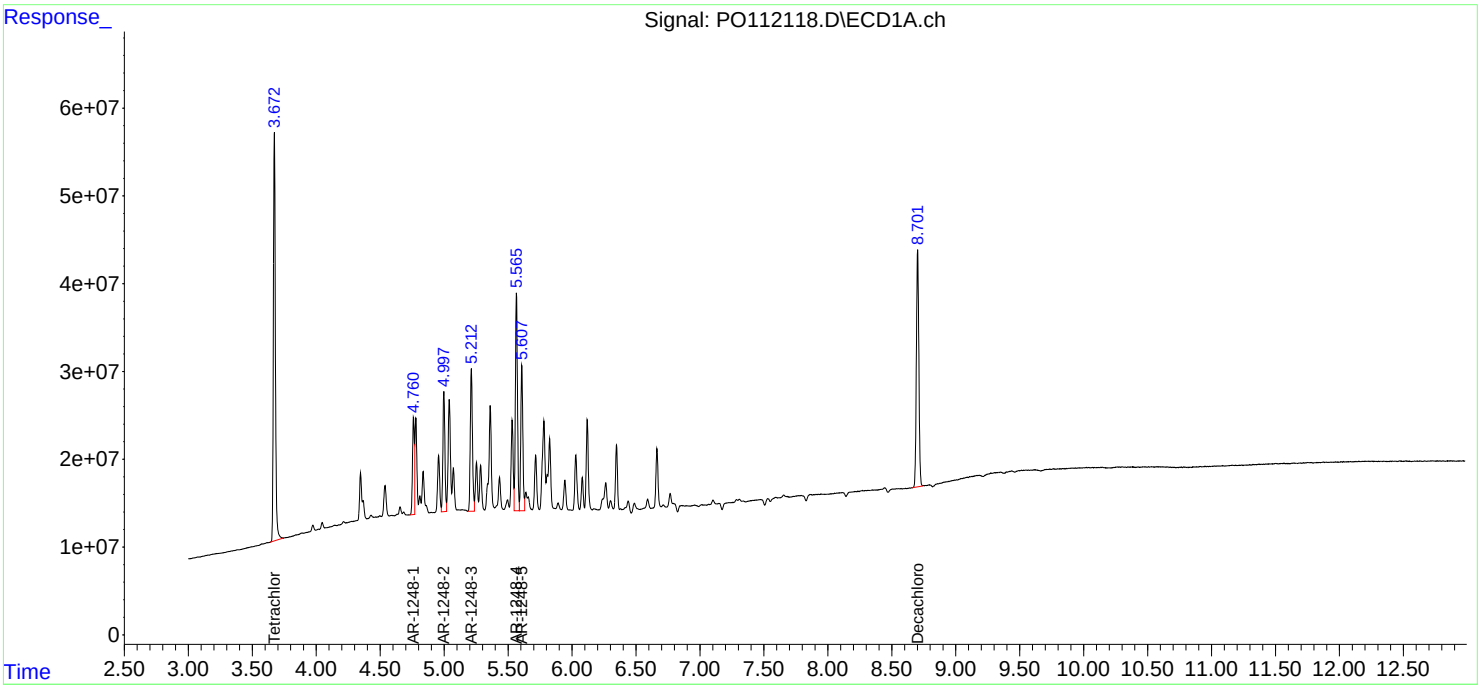
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

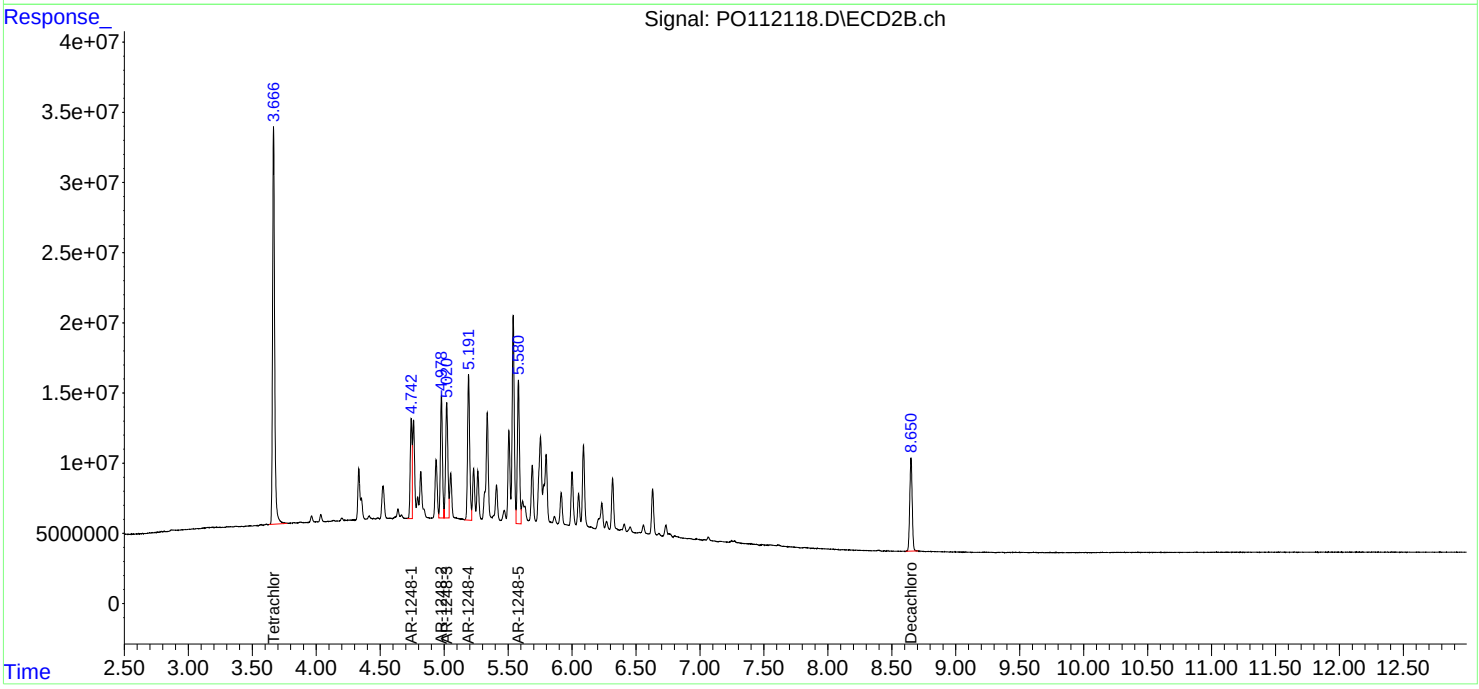
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

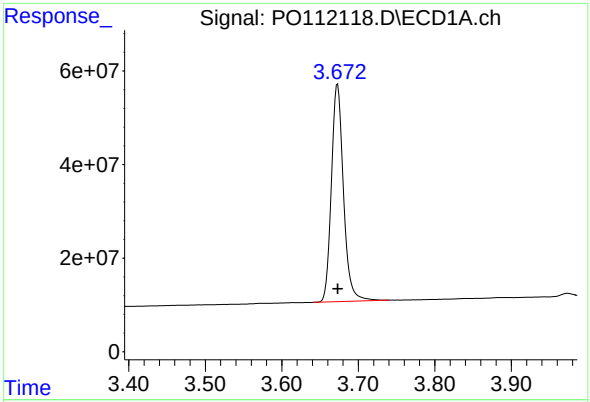
Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



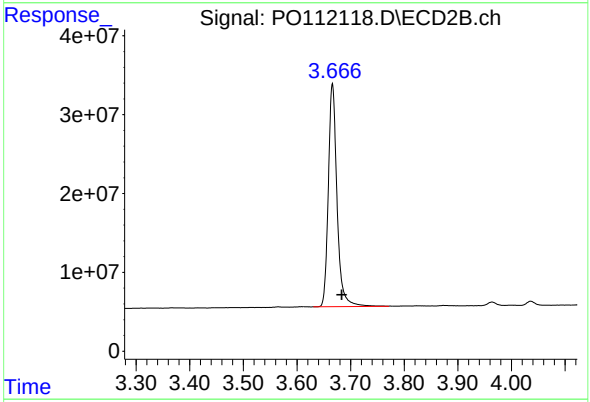




#1 Tetrachloro-m-xylene

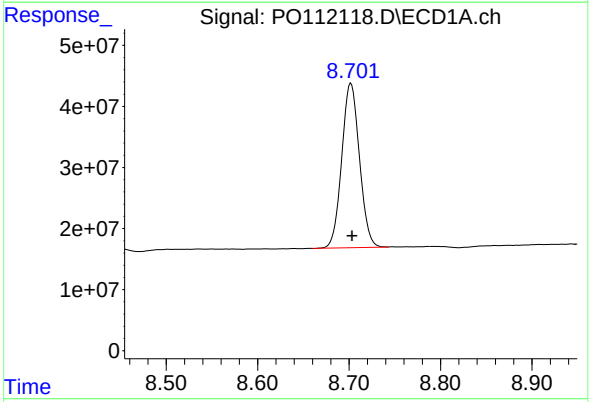
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 508134642
Conc: 51.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248



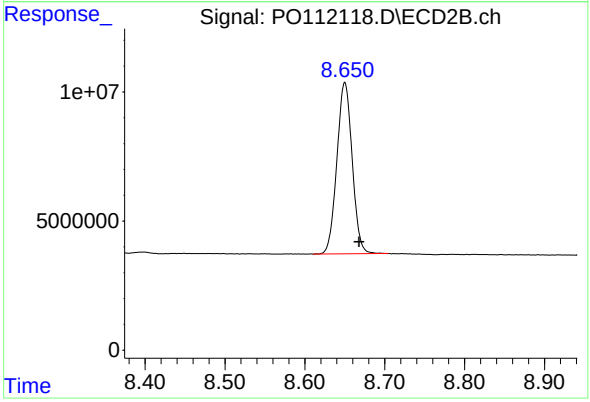
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.017 min
Response: 317852312
Conc: 49.89 ng/ml



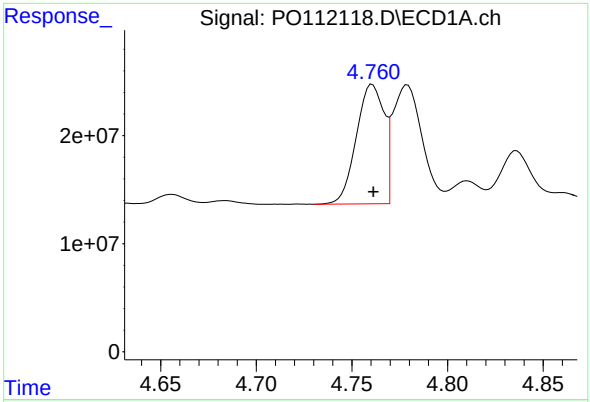
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 362852383
Conc: 53.07 ng/ml



#2 Decachlorobiphenyl

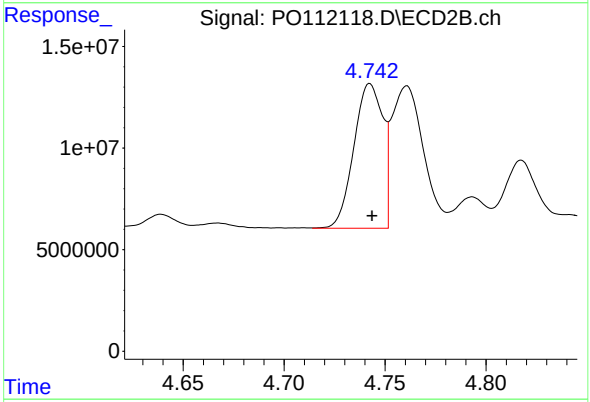
R.T.: 8.650 min
Delta R.T.: -0.018 min
Response: 88364492
Conc: 51.27 ng/ml



#21 AR-1248-1

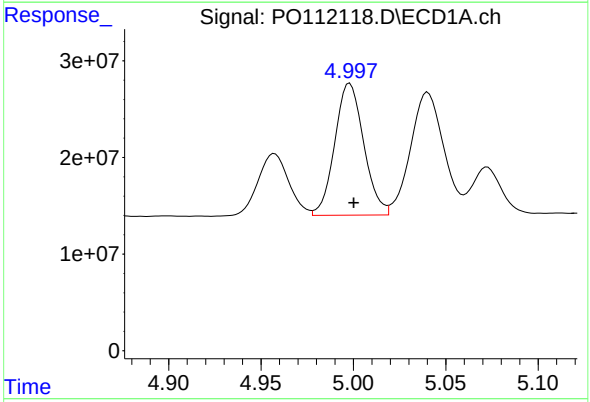
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 111259949
Conc: 490.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248



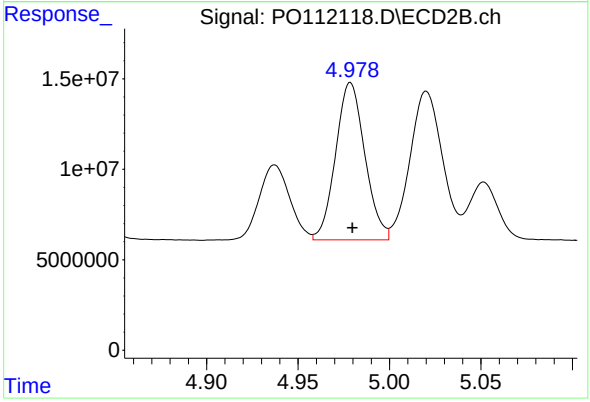
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 71004811
Conc: 459.97 ng/ml



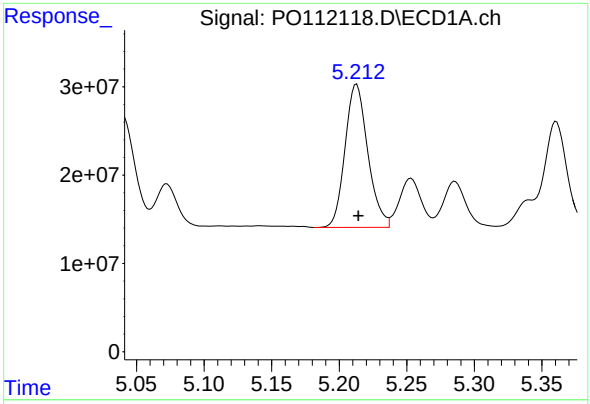
#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 149312470
Conc: 484.27 ng/ml



#22 AR-1248-2

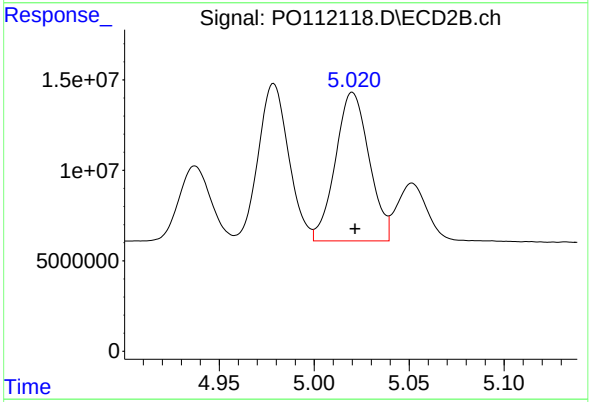
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 96786968
Conc: 470.37 ng/ml



#23 AR-1248-3

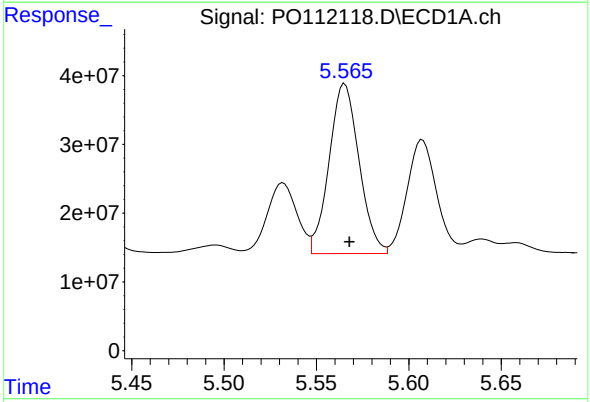
R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 189862604
Conc: 466.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248



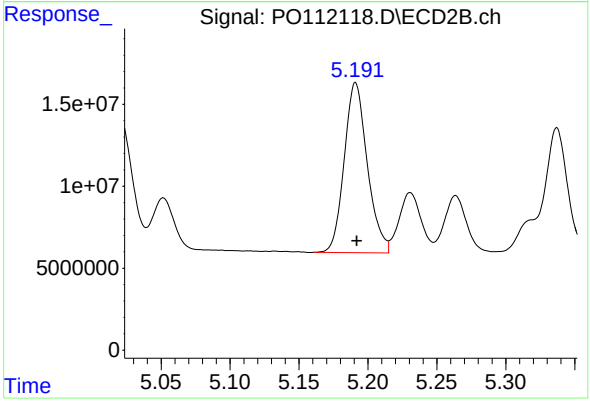
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 101453483
Conc: 472.32 ng/ml



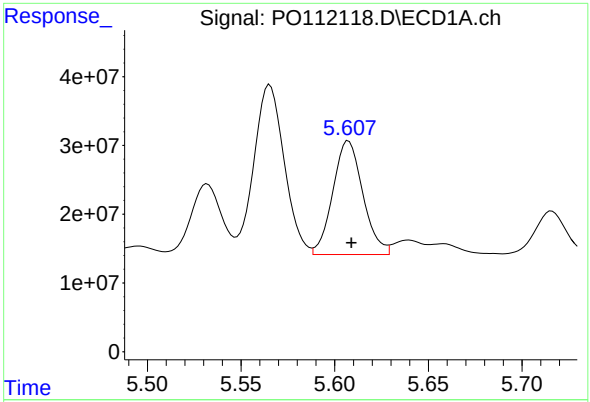
#24 AR-1248-4

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 278943468
Conc: 483.31 ng/ml



#24 AR-1248-4

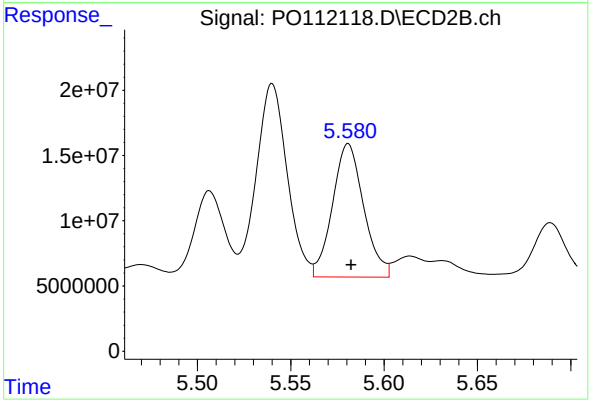
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 121018109
Conc: 467.74 ng/ml



#25 AR-1248-5

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 185185137
Conc: 474.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248



#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: -0.001 min
Response: 118913676
Conc: 474.61 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 00:24
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.673	3.666	520.2E6	322.7E6	52.569	50.649
2)	SA Decachlor...	8.702	8.648	368.3E6	89811642	53.866	52.111
	Target Compounds						
26)	L6 AR-1254-1	5.566	5.541	297.8E6	181.0E6	484.137	474.939
27)	L6 AR-1254-2	5.715	5.688	261.9E6	156.8E6	488.891	472.651
28)	L6 AR-1254-3	6.119	6.089	408.1E6	227.3E6	486.021	471.452
29)	L6 AR-1254-4	6.348	6.317	268.6E6	129.6E6	558.360	496.987
30)	L6 AR-1254-5	6.768	6.733	381.5E6	170.5E6	492.940	478.367

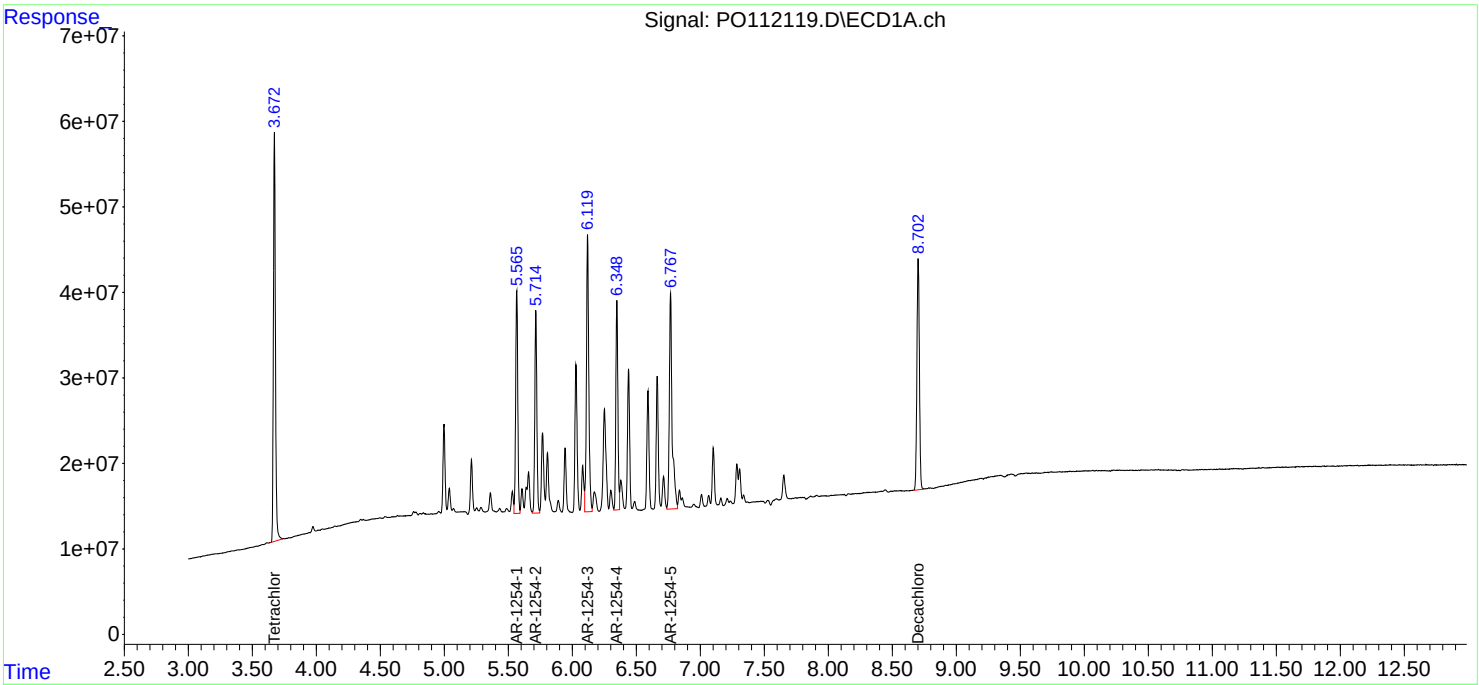
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

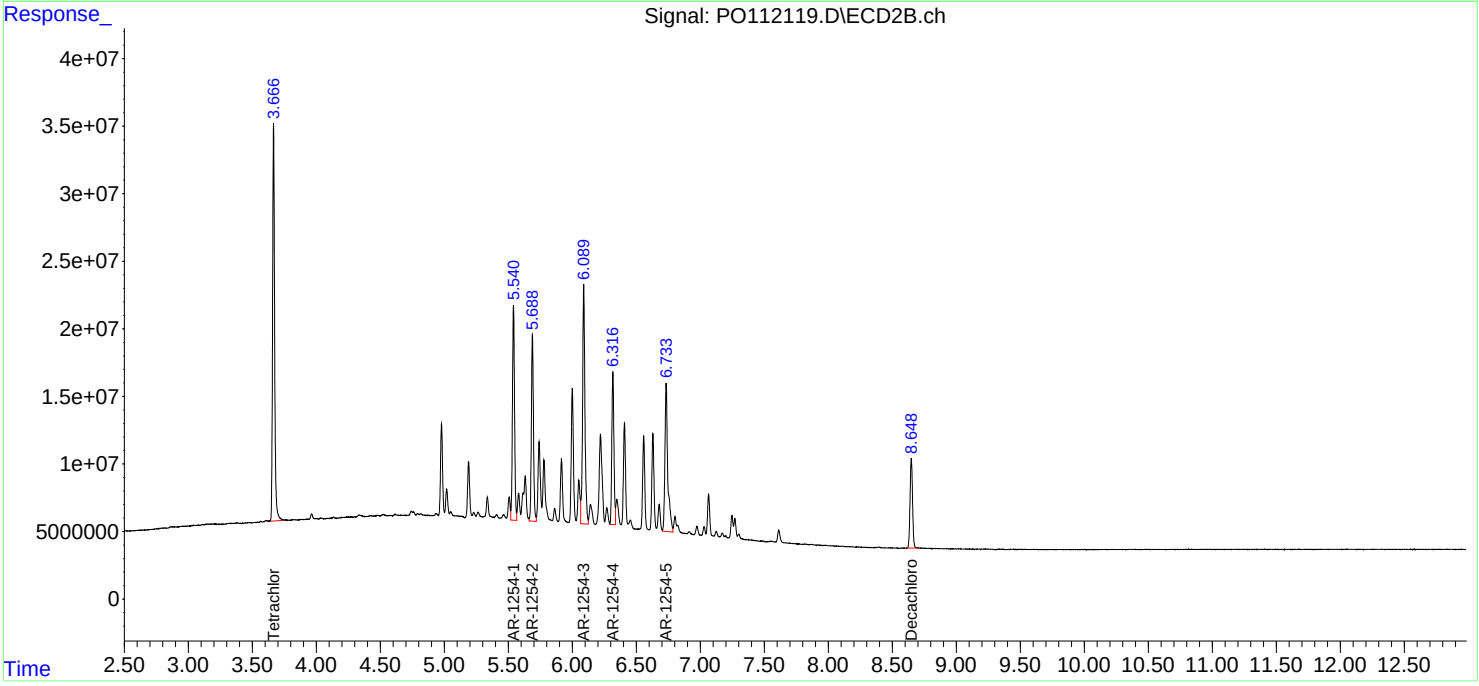
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 00:24
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

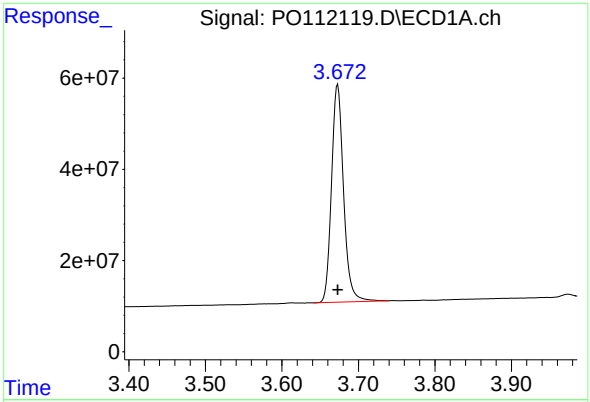
Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



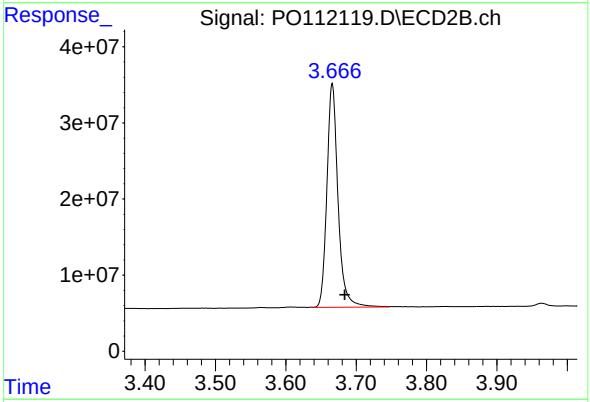




#1 Tetrachloro-m-xylene

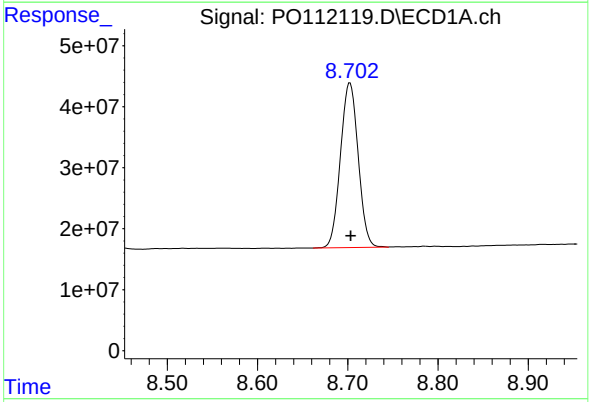
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 520156758
Conc: 52.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254



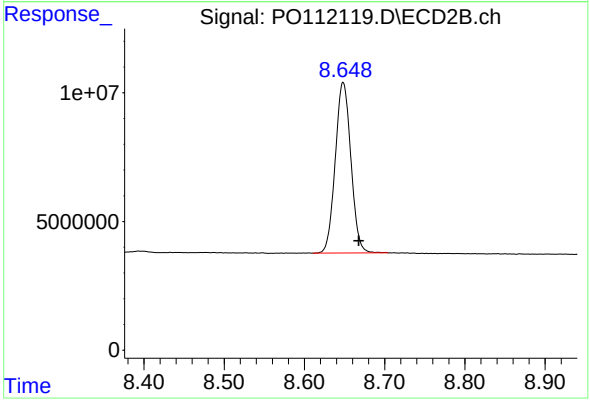
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 322690746
Conc: 50.65 ng/ml



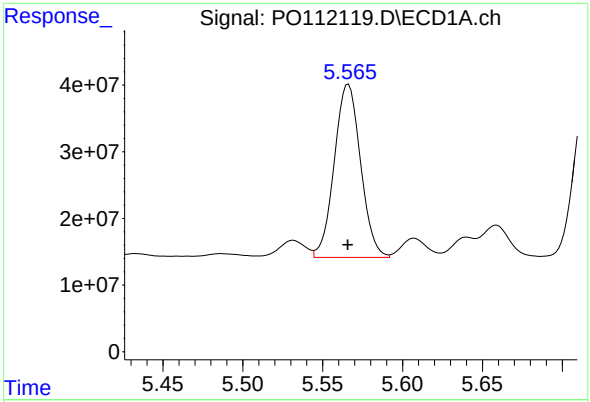
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 368283668
Conc: 53.87 ng/ml



#2 Decachlorobiphenyl

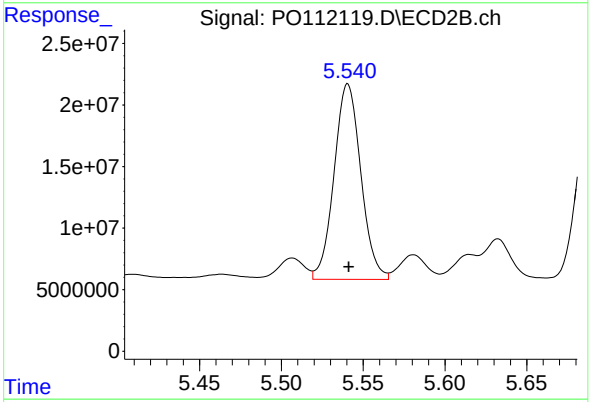
R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 89811642
Conc: 52.11 ng/ml



#26 AR-1254-1

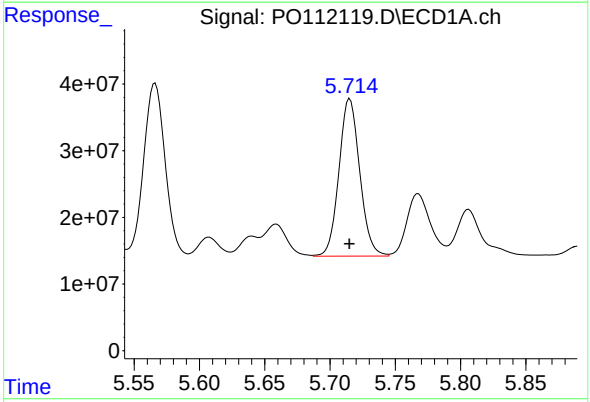
R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 297798906
Conc: 484.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254



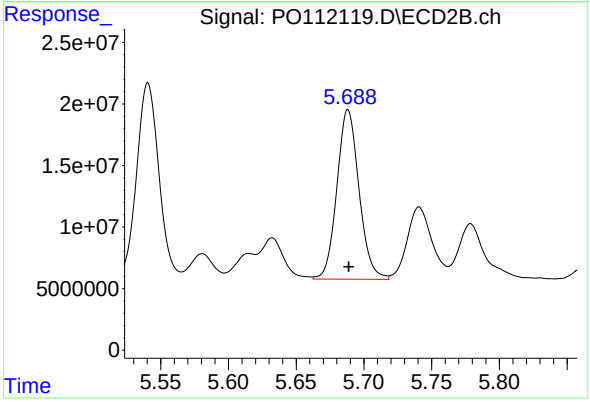
#26 AR-1254-1

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 181031677
Conc: 474.94 ng/ml



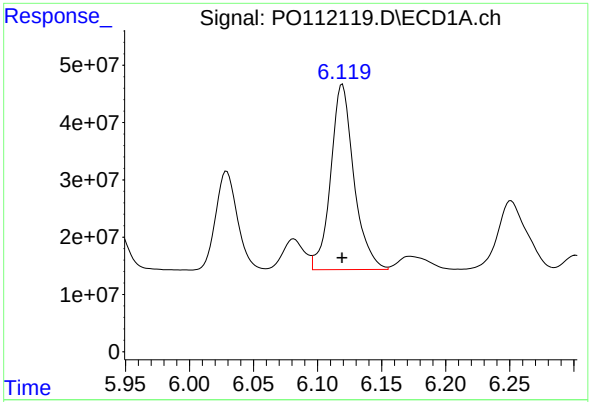
#27 AR-1254-2

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 261892236
Conc: 488.89 ng/ml



#27 AR-1254-2

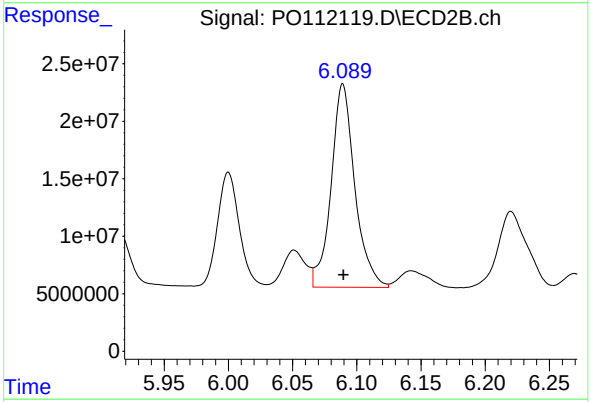
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 156830775
Conc: 472.65 ng/ml



#28 AR-1254-3

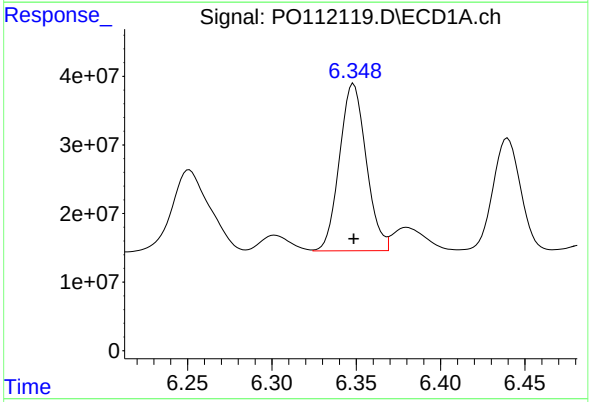
R.T.: 6.119 min
Delta R.T.: 0.000 min
Response: 408052251
Conc: 486.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254



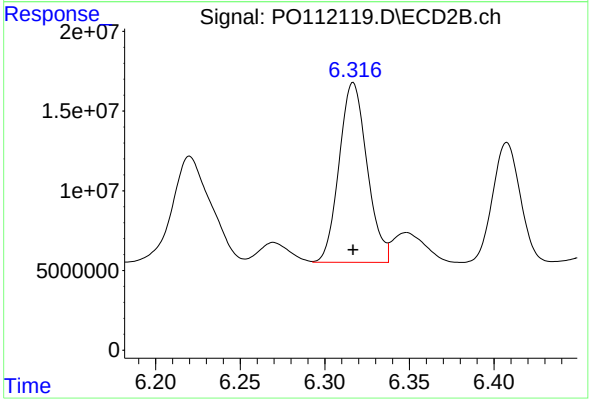
#28 AR-1254-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 227260272
Conc: 471.45 ng/ml



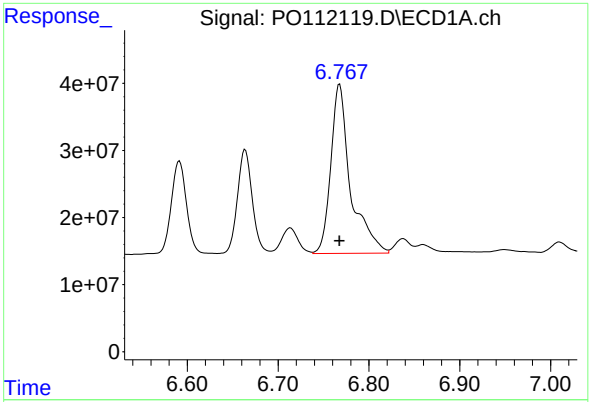
#29 AR-1254-4

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 268581641
Conc: 558.36 ng/ml



#29 AR-1254-4

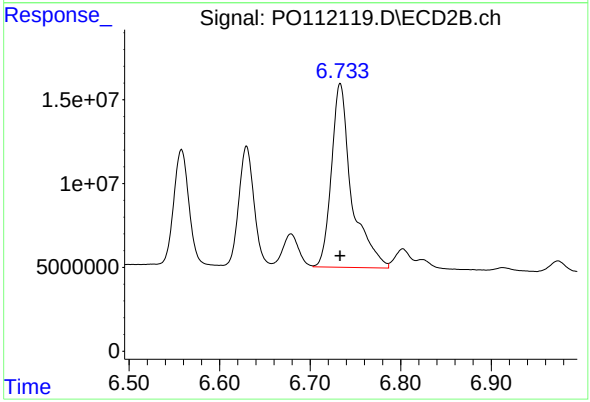
R.T.: 6.317 min
Delta R.T.: 0.000 min
Response: 129562009
Conc: 496.99 ng/ml



#30 AR-1254-5

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 381510203
Conc: 492.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254



#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 170469199
Conc: 478.37 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 01:01
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:54:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	507.9E6	314.4E6	50.119	49.097
2)	SA Decachlor...	8.702	8.650	672.6E6	158.8E6	51.008	50.729
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.554	933.4E6	244.5E6	507.990	497.487
42)	L9 AR-1268-2	7.658	7.619	787.7E6	208.0E6	505.709	498.485
43)	L9 AR-1268-3	7.863	7.823	660.1E6	157.4E6	507.919	497.424
44)	L9 AR-1268-4	8.153	8.110	233.4E6	55400600	485.897	496.813
45)	L9 AR-1268-5	8.446	8.399	1686.7E6	361.3E6	516.807	497.353

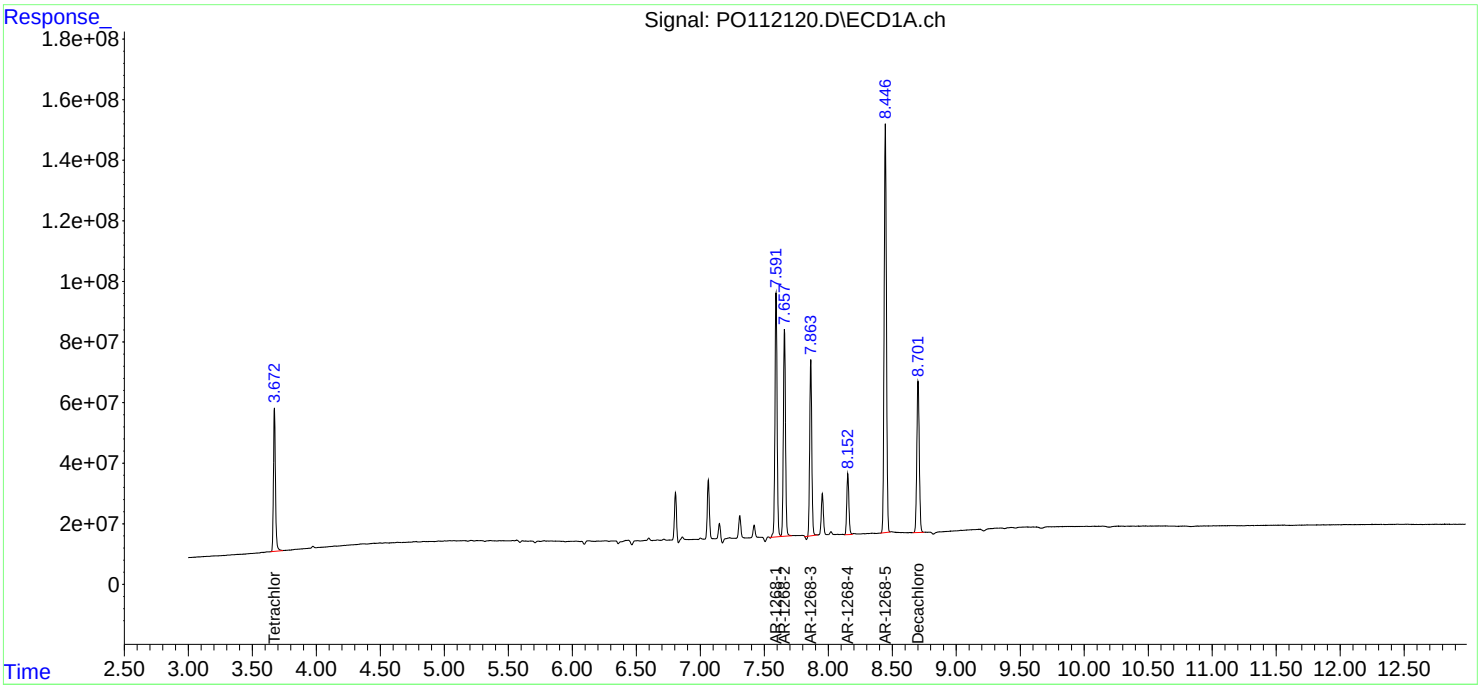
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

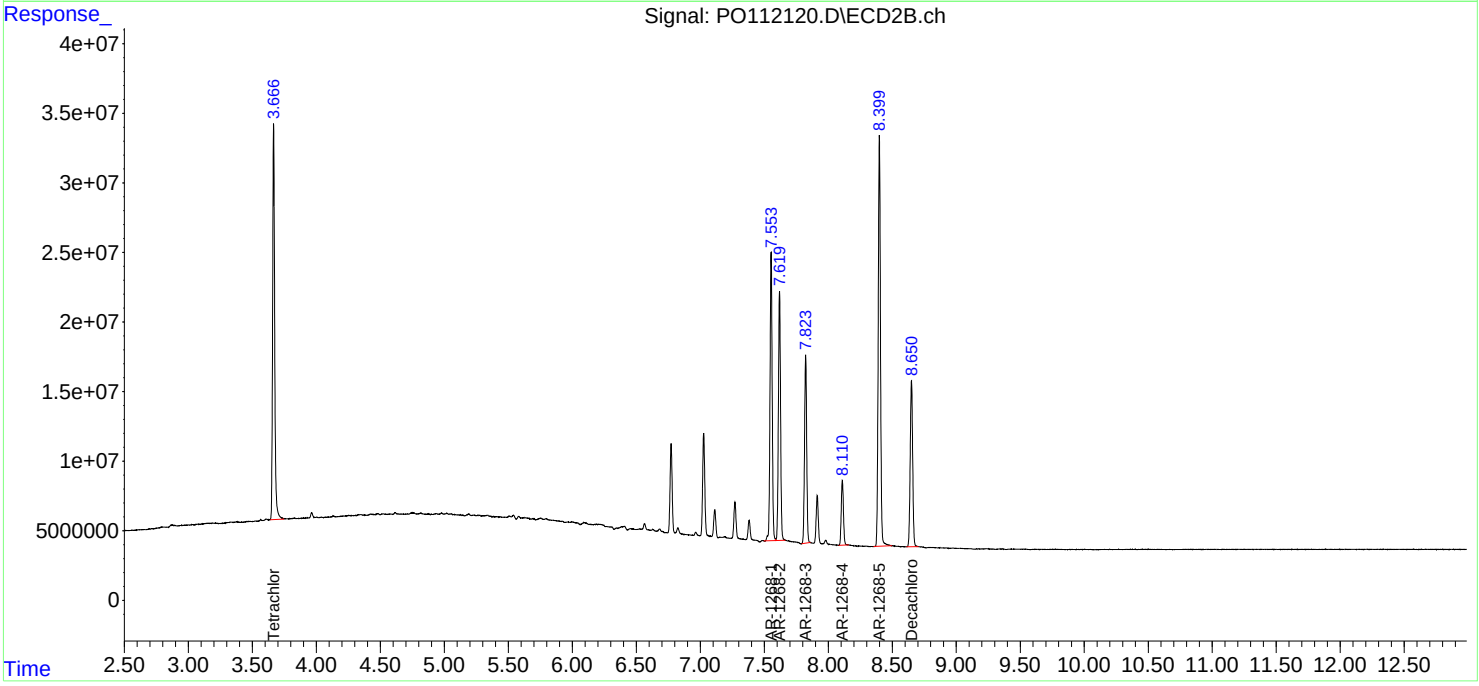
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 01:01
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

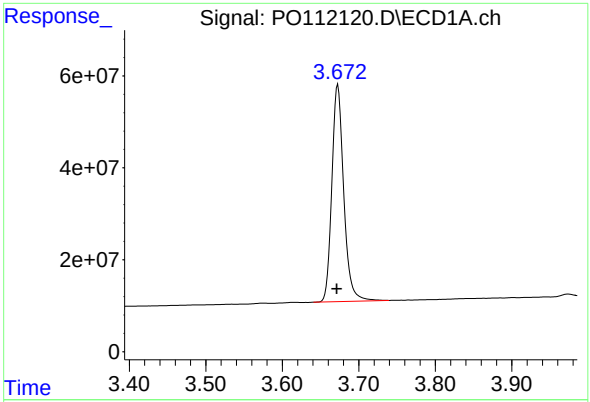
Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:54:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



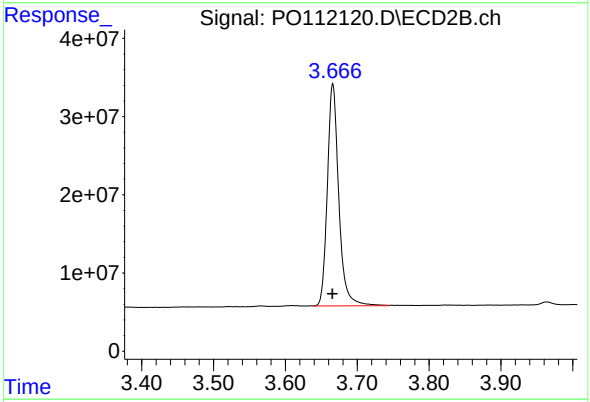




#1 Tetrachloro-m-xylene

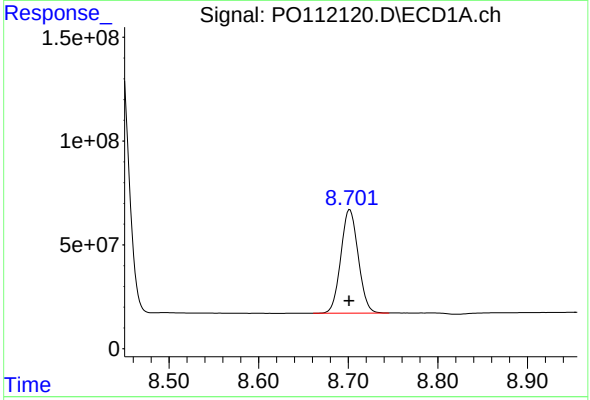
R.T.: 3.672 min
Delta R.T.: 0.001 min
Response: 507948794
Conc: 50.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268



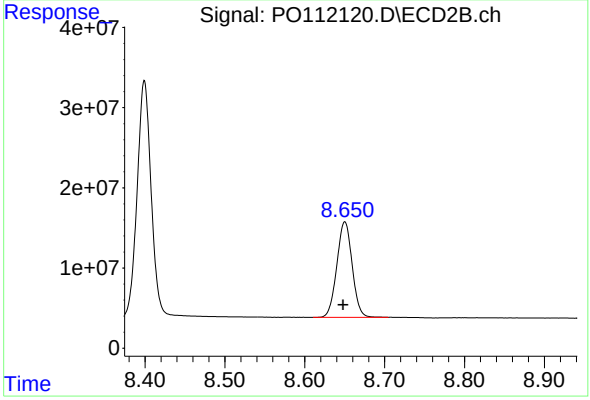
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 314362501
Conc: 49.10 ng/ml



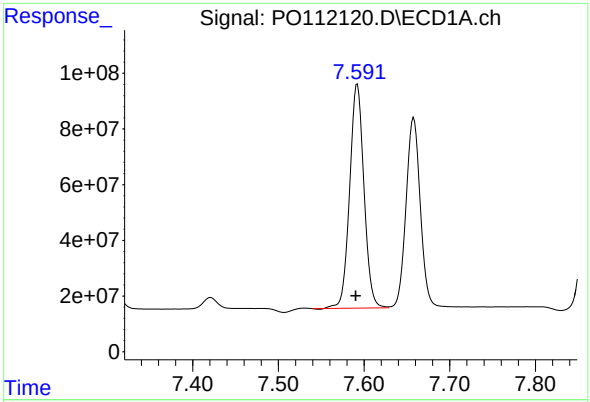
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 672554151
Conc: 51.01 ng/ml



#2 Decachlorobiphenyl

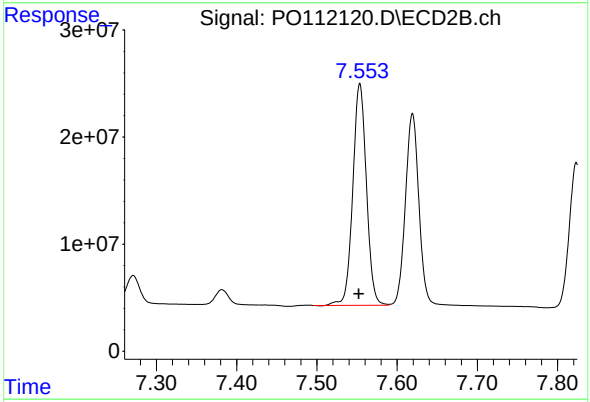
R.T.: 8.650 min
Delta R.T.: 0.002 min
Response: 158800125
Conc: 50.73 ng/ml



#41 AR-1268-1

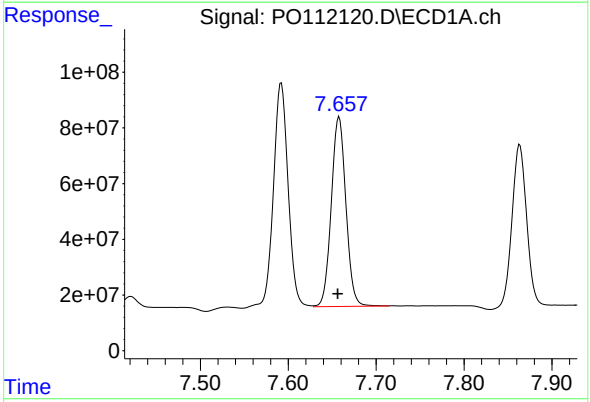
R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 933409161
Conc: 507.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268



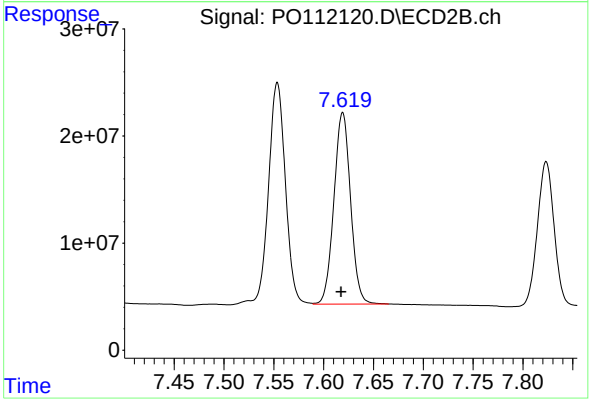
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: 0.001 min
Response: 244492560
Conc: 497.49 ng/ml



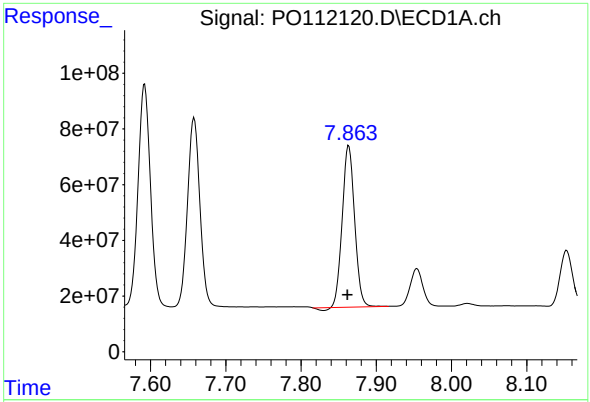
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.002 min
Response: 787696002
Conc: 505.71 ng/ml



#42 AR-1268-2

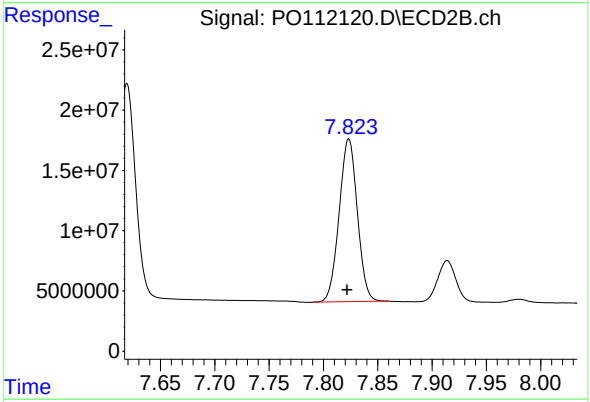
R.T.: 7.619 min
Delta R.T.: 0.002 min
Response: 207960999
Conc: 498.48 ng/ml



#43 AR-1268-3

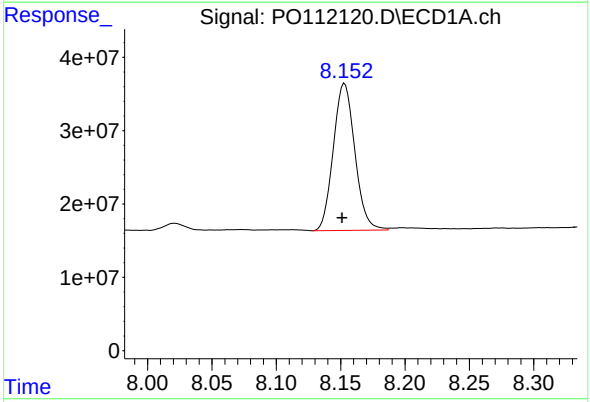
R.T.: 7.863 min
Delta R.T.: 0.002 min
Response: 660130633
Conc: 507.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268



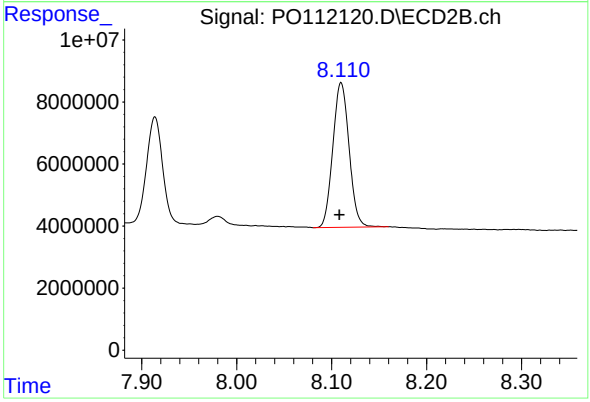
#43 AR-1268-3

R.T.: 7.823 min
Delta R.T.: 0.002 min
Response: 157379415
Conc: 497.42 ng/ml



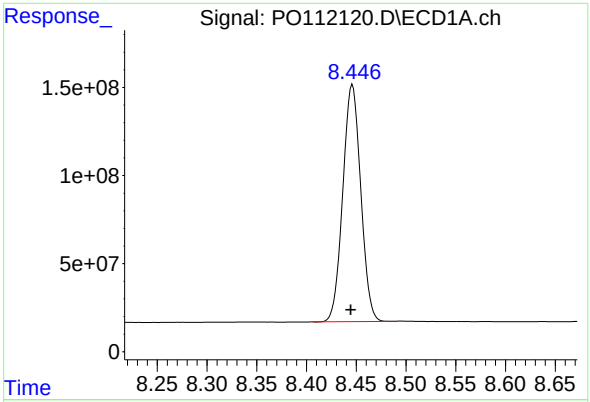
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 233428745
Conc: 485.90 ng/ml



#44 AR-1268-4

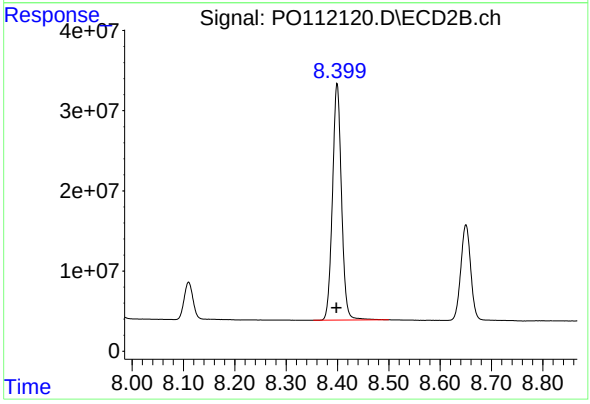
R.T.: 8.110 min
Delta R.T.: 0.002 min
Response: 55400600
Conc: 496.81 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.002 min
Response: 1686709570
Conc: 516.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.001 min
Response: 361335866
Conc: 497.35 ng/ml

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_P **Calibration Date(s):** 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

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

LAB FILE ID: RT 1000 = PP073554.D RT 750 = PP073555.D

RT 500 = PP073556.D RT 250 = PP073557.D RT 050 = PP073558.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1016-2	(2)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1016-3	(3)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1016-4	(4)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-5	(5)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1260-1	(1)	7.23	7.23	7.23	7.23	7.23	7.23	7.13	7.33
Aroclor-1260-2	(2)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Aroclor-1260-3	(3)	7.84	7.84	7.84	7.84	7.84	7.84	7.74	7.94
Aroclor-1260-4	(4)	8.06	8.07	8.06	8.07	8.06	8.06	7.96	8.16
Aroclor-1260-5	(5)	8.38	8.38	8.38	8.39	8.38	8.38	8.28	8.48
Decachlorobiphenyl		10.18	10.18	10.18	10.18	10.17	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1242-1	(1)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Aroclor-1242-2	(2)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1242-3	(3)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1242-4	(4)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-5	(5)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Decachlorobiphenyl		10.18	10.18	10.17	10.18	10.17	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1248-1	(1)	5.64	5.64	5.64	5.64	5.63	5.64	5.54	5.74
Aroclor-1248-2	(2)	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Aroclor-1248-3	(3)	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aroclor-1248-4	(4)	6.51	6.51	6.51	6.51	6.51	6.51	6.41	6.61
Aroclor-1248-5	(5)	6.55	6.55	6.55	6.55	6.55	6.55	6.45	6.65
Decachlorobiphenyl		10.18	10.18	10.17	10.18	10.17	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1254-1	(1)	6.49	6.49	6.49	6.48	6.49	6.49	6.39	6.59
Aroclor-1254-2	(2)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1254-3	(3)	7.07	7.07	7.06	7.06	7.06	7.07	6.97	7.17
Aroclor-1254-4	(4)	7.35	7.35	7.35	7.35	7.35	7.35	7.25	7.45
Aroclor-1254-5	(5)	7.76	7.76	7.76	7.76	7.76	7.76	7.66	7.86
Decachlorobiphenyl		10.18	10.18	10.17	10.18	10.18	10.18	10.08	10.28
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59
Aroclor-1268-1	(1)	8.69	8.69	8.69	8.69	8.69	8.69	8.59	8.79
Aroclor-1268-2	(2)	8.78	8.79	8.79	8.78	8.79	8.79	8.69	8.89
Aroclor-1268-3	(3)	9.01	9.01	9.01	9.01	9.02	9.01	8.91	9.11
Aroclor-1268-4	(4)	9.43	9.43	9.43	9.43	9.43	9.43	9.33	9.53
Aroclor-1268-5	(5)	9.84	9.84	9.84	9.84	9.84	9.84	9.74	9.94

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.18	10.18	10.18	10.17	10.18	10.18	10.08	10.28
Tetrachloro-m-xylene	4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_P **Calibration Date(s):** 07/07/2025 07/08/2025

Calibration Times: 21:03 04:24

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

LAB FILE ID: RT 1000 = PP073554.D RT 750 = PP073555.D

RT 500 = PP073556.D RT 250 = PP073557.D RT 050 = PP073558.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1016-2	(2)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-3	(3)	5.05	5.05	5.05	5.05	5.05	5.05	4.95	5.15
Aroclor-1016-4	(4)	5.10	5.10	5.09	5.10	5.09	5.09	4.99	5.19
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1242-2	(2)	4.87	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-3	(3)	5.05	5.05	5.05	5.05	5.05	5.05	4.95	5.15
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.86	4.86	4.86	4.86	4.86	4.86	4.76	4.96
Aroclor-1248-2	(2)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR06
SDG NO.: Q2645
Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID: CF 1000 = PP073554.D CF 750 = PP073555.D
CF 500 = PP073556.D CF 250 = PP073557.D CF 050 = PP073558.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42452248	45617859	47138872	50511676	51847220	47513575	8
Aroclor-1016-2	(2)	66518124	70141979	72048808	76716636	70648900	71214889	5
Aroclor-1016-3	(3)	39961628	42046196	44162638	46389840	45755080	43663076	6
Aroclor-1016-4	(4)	33606097	35475740	36592056	38460728	35593260	35945576	5
Aroclor-1016-5	(5)	30910810	31971305	32786356	34274032	26709560	31330413	9
Aroclor-1260-1	(1)	55735594	57789364	59663732	63324028	58293500	58961244	5
Aroclor-1260-2	(2)	82256765	86873544	90393892	97973444	121701660	95839861	16
Aroclor-1260-3	(3)	71122512	73727981	74691298	76804056	69007300	73070629	4
Aroclor-1260-4	(4)	63951646	66011447	66730410	69035472	60770420	65299879	5
Aroclor-1260-5	(5)	147606205	151816095	154896322	160840336	139104740	150852740	5
Decachlorobiphenyl		1075002490	1114272707	1146110620	1163852360	956024000	1091052435	8
Tetrachloro-m-xylene		1314627420	1370591720	1413189460	1469047800	1280173600	1369526000	6
Aroclor-1242-1	(1)	37824570	38531545	40764028	42347748	31473220	38188222	11
Aroclor-1242-2	(2)	59433539	58987884	63134254	65007836	52846680	59882039	8
Aroclor-1242-3	(3)	35307728	35832168	38067086	39311740	34585840	36620912	5
Aroclor-1242-4	(4)	29431539	30211543	31738592	32275500	37022940	32136023	9
Aroclor-1242-5	(5)	31742412	31628361	33353228	35089048	31871320	32736874	5
Decachlorobiphenyl		1095703140	1117596867	1144519060	1154694600	992628000	1101028333	6
Tetrachloro-m-xylene		1336424670	1349665200	1427212360	1438929280	1262569400	1362960182	5
Aroclor-1248-1	(1)	29290065	30340729	31459936	34321104	28940820	30870531	7
Aroclor-1248-2	(2)	37625323	39736876	40535254	44074952	37644360	39923353	7
Aroclor-1248-3	(3)	43927993	45846956	46075290	48569104	37628800	44409629	9
Aroclor-1248-4	(4)	53376796	55925132	57147446	59774616	49178580	55080514	7
Aroclor-1248-5	(5)	51803368	53704276	55758942	57942584	49744040	53790642	6
Decachlorobiphenyl		1098016930	1133084880	1145143920	1172914800	889666400	1087765386	10
Tetrachloro-m-xylene		1321954420	1371326347	1415433040	1456874560	1240770200	1361271713	6
Aroclor-1254-1	(1)	50900598	53159759	55209204	57116384	51561700	53589529	5
Aroclor-1254-2	(2)	77237012	80519573	82538946	86348708	89800160	83288880	6
Aroclor-1254-3	(3)	83677544	86010903	88492372	92072040	91405580	88331688	4
Aroclor-1254-4	(4)	74438148	76222969	79592040	81854844	81227180	78667036	4
Aroclor-1254-5	(5)	71888659	74572743	74620102	76347748	70969780	73679806	3
Decachlorobiphenyl		1107439250	1132832533	1145288580	1145076280	1133429800	1132813289	1
Tetrachloro-m-xylene		1351624000	1395660893	1401155480	1465561640	1387618000	1400324003	3
Aroclor-1268-1	(1)	220572869	225132533	228083942	237689468	204639620	223223686	5

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	188785361	192061012	194228718	202923360	174527620	190505214	5
Aroclor-1268-3	(3)	161320167	164379476	166708106	175220108	160250740	165575719	4
Aroclor-1268-4	(4)	68937885	69804631	69558114	75087068	64331720	69543884	5
Aroclor-1268-5	(5)	477643268	472782711	485154758	497337016	371889540	460961459	11
Decachlorobiphenyl		1977874930	2021254947	2057047680	2189262080	1794844800	2008056887	7
Tetrachloro-m-xylene		1351774000	1390310400	1415817780	1495349000	1314096000	1393469436	5

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TETR06
SDG NO.: Q2645
Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID: CF 1000 = PP073554.D CF 750 = PP073555.D
CF 500 = PP073556.D CF 250 = PP073557.D CF 050 = PP073558.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63548895	66956692	68520980	73175628	68671440	68174727	5
Aroclor-1016-2	(2)	95987811	99810097	102589296	109872788	101161940	101884386	5
Aroclor-1016-3	(3)	50406684	53112144	54849034	57930668	54233060	54106318	5
Aroclor-1016-4	(4)	39688708	42104989	43896956	47040184	46673360	43880839	7
Aroclor-1016-5	(5)	50298801	53487816	55660288	59272232	54193420	54582511	6
Aroclor-1260-1	(1)	89335231	94510516	99471332	104207304	100277120	97560301	6
Aroclor-1260-2	(2)	113000947	118559808	124003550	129850992	128772620	122837583	6
Aroclor-1260-3	(3)	102918015	108414332	112293296	117668340	106025080	109463813	5
Aroclor-1260-4	(4)	82942909	90440599	92349274	96325208	84984160	89408430	6
Aroclor-1260-5	(5)	218347404	234684793	232225124	233707816	204717920	224736611	6
Decachlorobiphenyl		1288482360	1338938240	1324505420	1466524480	1197294400	1323148980	7
Tetrachloro-m-xylene		1774031450	1893159427	1873404460	1944042160	1726825000	1842292499	5
Aroclor-1242-1	(1)	53636877	56644489	60339480	62120840	56082120	57764761	6
Aroclor-1242-2	(2)	81745742	82323689	88927402	91756504	87517600	86454187	5
Aroclor-1242-3	(3)	43191003	44194741	47579930	48843488	45924140	45946660	5
Aroclor-1242-4	(4)	40719317	41867060	45117014	46860680	46752460	44263306	6
Aroclor-1242-5	(5)	53173633	53609452	57067394	58584716	53777140	55242467	4
Decachlorobiphenyl		1306642480	1369985587	1353011840	1407476720	1194819200	1326387165	6
Tetrachloro-m-xylene		1787240920	1786937067	1893455580	1997751320	1666197200	1826316417	7
Aroclor-1248-1	(1)	41993150	43590469	45185544	49843992	43861300	44894891	7
Aroclor-1248-2	(2)	55737799	58586344	61889020	66706936	64762540	61536528	7
Aroclor-1248-3	(3)	58429721	61323012	64407590	69469512	66692820	64064531	7
Aroclor-1248-4	(4)	68661033	72026459	75308372	81734520	79156680	75377413	7
Aroclor-1248-5	(5)	69725277	73210425	76423314	81696724	71898780	74590904	6
Decachlorobiphenyl		1298382400	1392805453	1360355620	1440840840	1158845800	1330246023	8
Tetrachloro-m-xylene		1855486030	1865559853	1910416600	1967065360	1674658000	1854637169	6
Aroclor-1254-1	(1)	105364555	111697468	112323806	121711620	129052960	116030082	8
Aroclor-1254-2	(2)	90612135	96205700	96079760	105129084	115091100	100623556	10
Aroclor-1254-3	(3)	142515413	152219476	152099148	162118636	163279600	154446455	6
Aroclor-1254-4	(4)	86996505	93901768	94351020	100389560	97157080	94559187	5
Aroclor-1254-5	(5)	123596587	131044949	130737444	141046724	140798600	133444861	6
Decachlorobiphenyl		1348192280	1398430560	1372338640	1507697520	1377457800	1400823360	4
Tetrachloro-m-xylene		1809940380	1949806187	1892015400	1932532480	1944382600	1905735409	3
Aroclor-1268-1	(1)	290584667	307587391	307795276	323603296	307313580	307376842	4

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	254148086	267727805	267575410	282961968	256026000	265687854	4
Aroclor-1268-3	(3)	211648098	225837245	227309934	242217372	220889640	225580458	5
Aroclor-1268-4	(4)	89640321	95098047	95218176	99881904	85000720	92967834	6
Aroclor-1268-5	(5)	595257746	637650785	622434144	650778188	576631820	616550537	5
Decachlorobiphenyl		2396229270	2556860227	2535017940	2683507840	2355689000	2505460855	5
Tetrachloro-m-xylene		1866286350	1953909840	1937791560	2021719520	1790813600	1914104174	5

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.69	4.59	4.79	17866400
		2	4.78	4.68	4.88	13504500
		3	4.85	4.75	4.95	41604800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	32650800
		2	5.37	5.27	5.47	16254700
		3	5.66	5.56	5.76	32993400
		4	5.82	5.72	5.92	16445200
		5	5.91	5.81	6.01	10570400
Aroclor-1262	500	1	8.07	7.97	8.17	87027200
		2	8.38	8.28	8.48	198028000
		3	8.70	8.60	8.80	125725000
		4	8.78	8.68	8.88	93262800
		5	9.43	9.33	9.53	63389400

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.99	3.89	4.09	27045000
		2	4.08	3.98	4.18	20360400
		3	4.15	4.05	4.25	61448600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	46614400
		2	4.88	4.78	4.98	47659800
		3	5.05	4.95	5.15	25029000
		4	5.14	5.04	5.24	21656200
		5	5.31	5.21	5.41	22563400
Aroclor-1262	500	1	6.89	6.79	6.99	147692000
		2	7.15	7.05	7.25	127829000
		3	7.67	7.57	7.77	114019000
		4	7.74	7.64	7.84	184049000
		5	8.23	8.13	8.33	84435600

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:03
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: Jul 08 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.486	3.781	131.5E6	177.4E6	93.026	94.696
2)	SA Decachlor...	10.176	8.782	107.5E6	128.8E6	93.796	97.280
	Target Compounds						
3)	L1 AR-1016-1	5.637	4.858	42452248	63548895	900.578	927.437
4)	L1 AR-1016-2	5.658	4.876	66518124	95987811	923.237	935.651
5)	L1 AR-1016-3	5.720	5.053	39961628	50406684	904.874	919.008
6)	L1 AR-1016-4	5.818	5.095	33606097	39688708	918.399	904.134
7)	L1 AR-1016-5	6.111	5.308	30910810	50298801	942.795	903.675
31)	L7 AR-1260-1	7.227	6.338	55735594	89335231	934.162	898.100
32)	L7 AR-1260-2	7.481	6.527	82256765	113.0E6	909.981	911.272
33)	L7 AR-1260-3	7.838	6.679	71122512	102.9E6	952.220	916.511
34)	L7 AR-1260-4	8.063	7.148	63951646	82942909	958.358	898.144
35)	L7 AR-1260-5	8.381	7.390	147.6E6	218.3E6	952.936	940.240

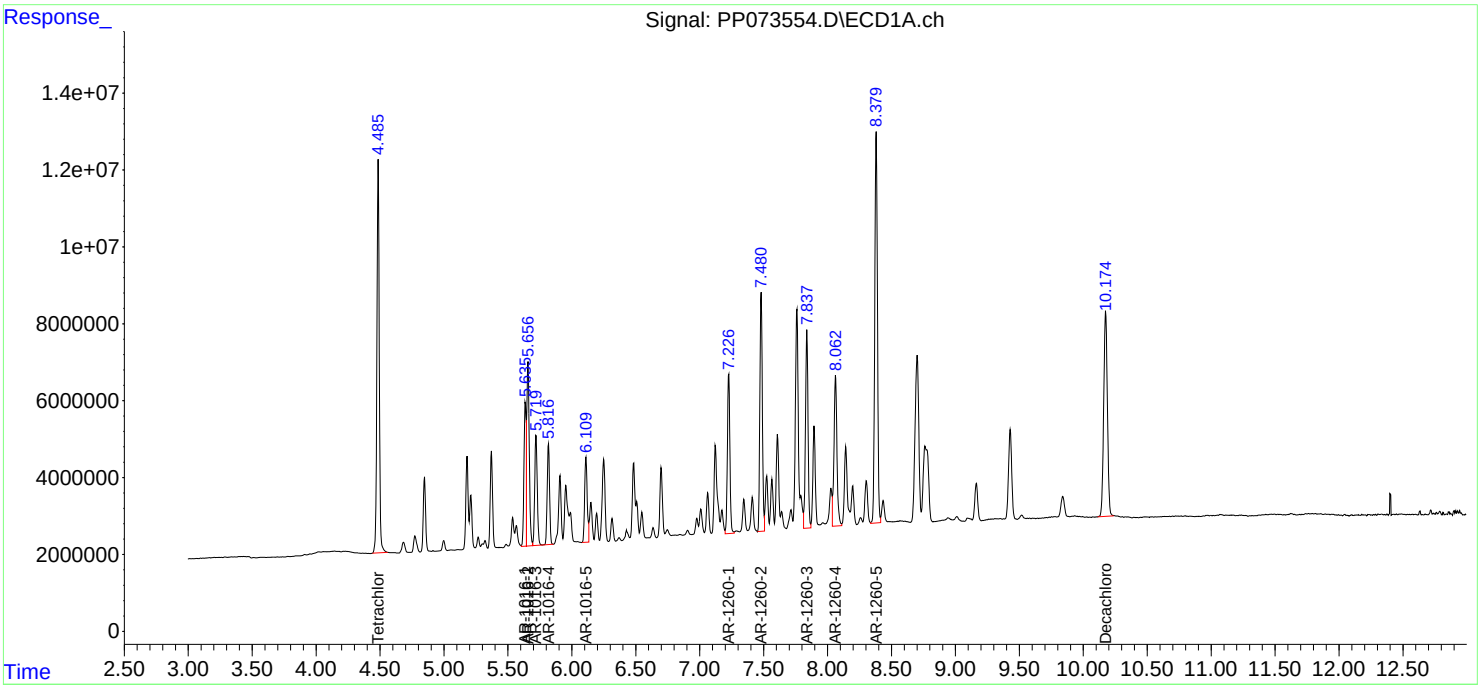
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

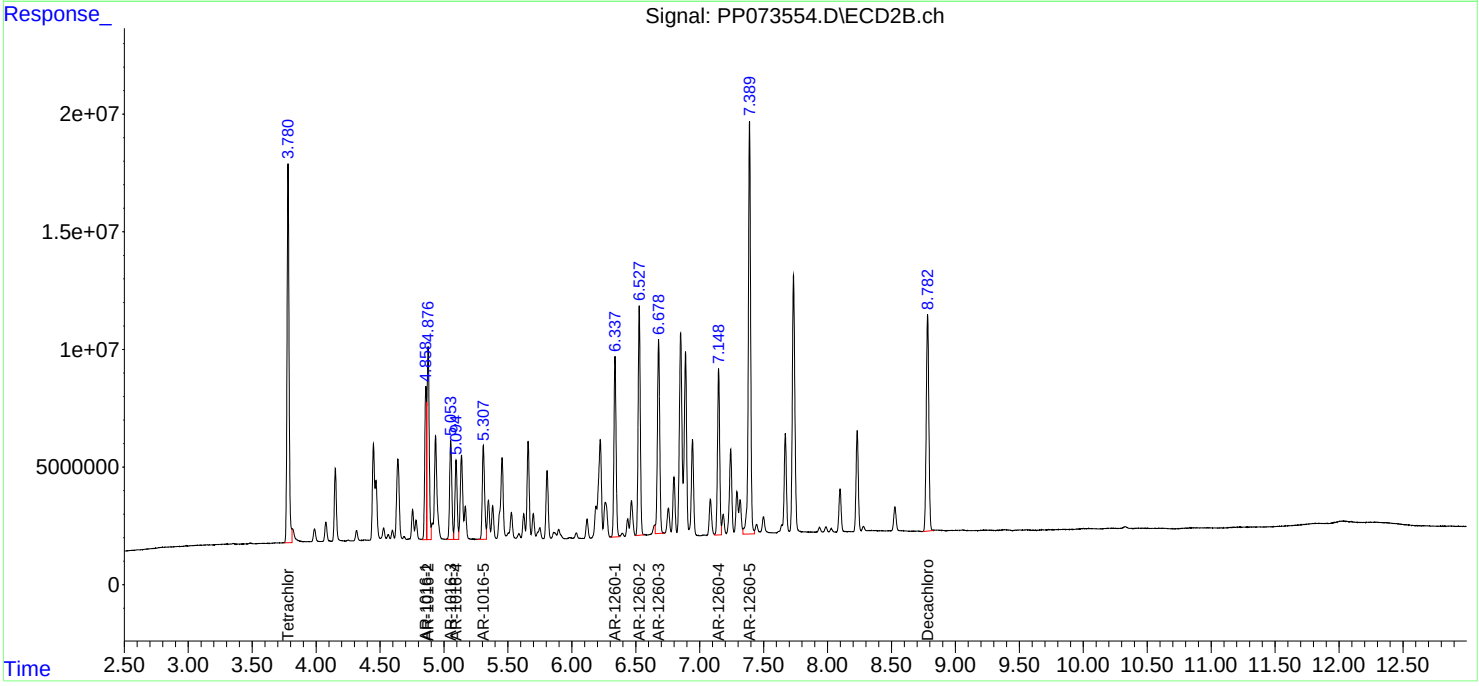
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:03
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

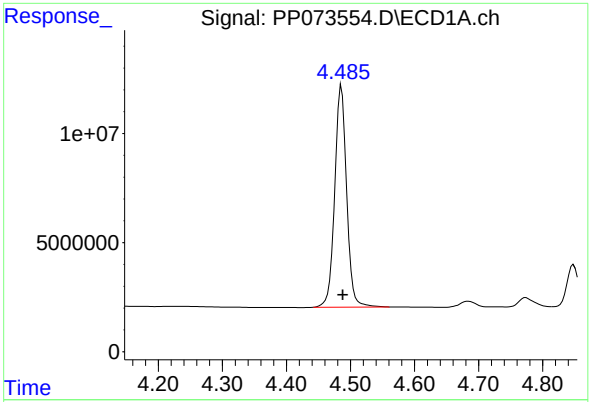
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



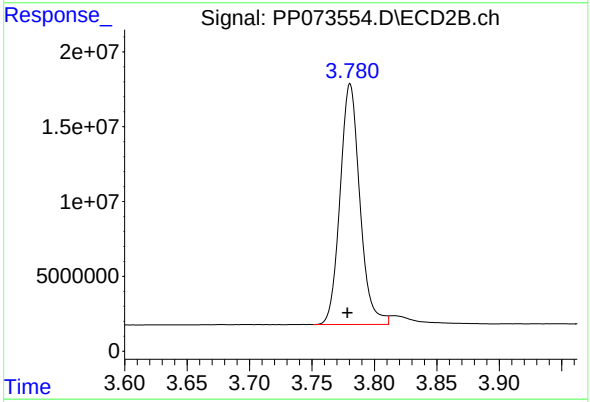




#1 Tetrachloro-m-xylene

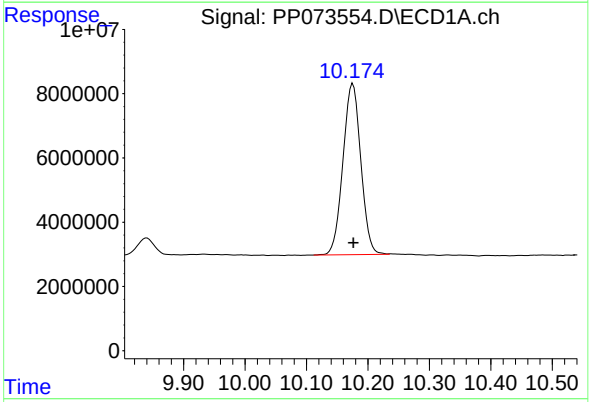
R.T.: 4.486 min
Delta R.T.: -0.002 min
Response: 131462742
Conc: 93.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



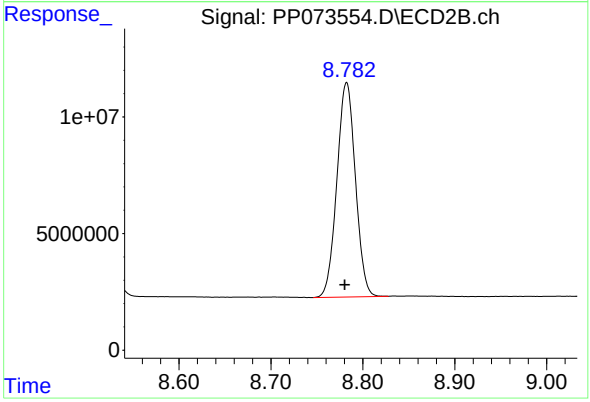
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.002 min
Response: 177403145
Conc: 94.70 ng/ml



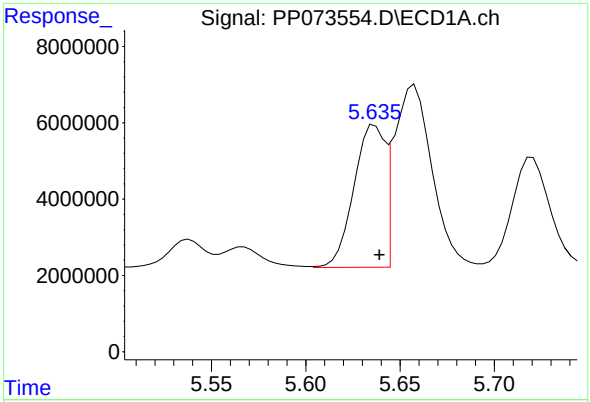
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 107500249
Conc: 93.80 ng/ml



#2 Decachlorobiphenyl

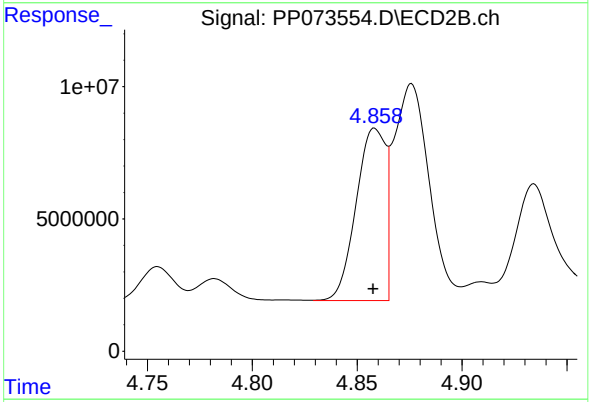
R.T.: 8.782 min
Delta R.T.: 0.002 min
Response: 128848236
Conc: 97.28 ng/ml



#3 AR-1016-1

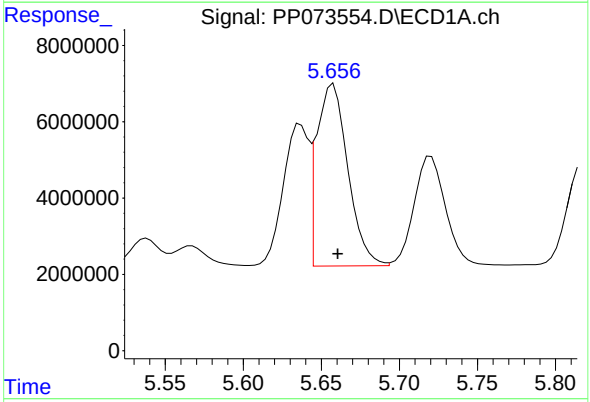
R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 42452248
Conc: 900.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



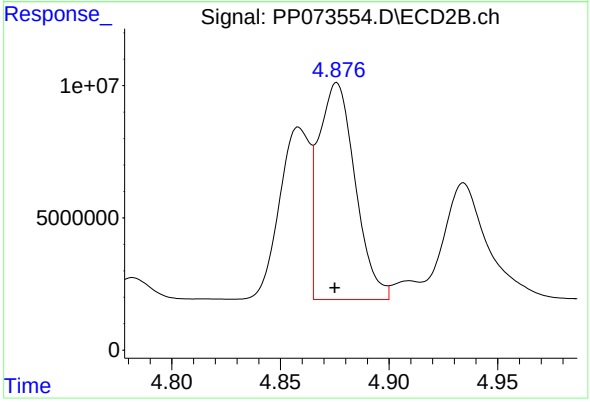
#3 AR-1016-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 63548895
Conc: 927.44 ng/ml



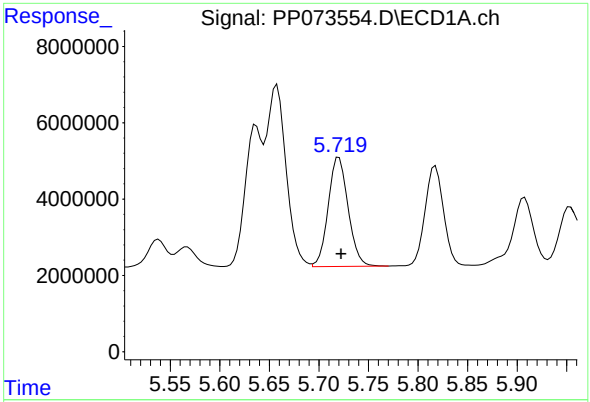
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 66518124
Conc: 923.24 ng/ml



#4 AR-1016-2

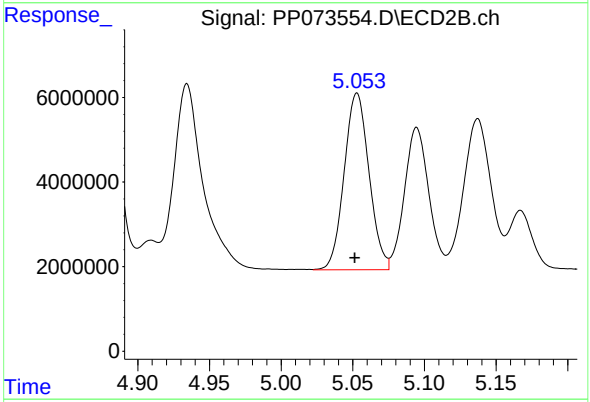
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 95987811
Conc: 935.65 ng/ml



#5 AR-1016-3

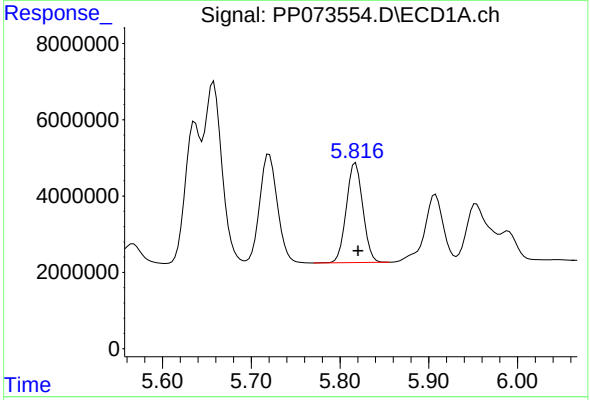
R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 39961628
Conc: 904.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



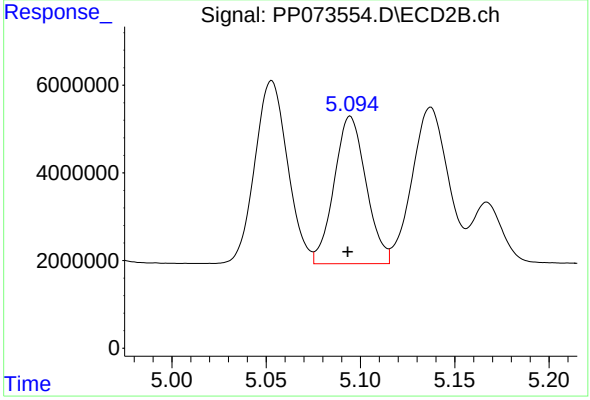
#5 AR-1016-3

R.T.: 5.053 min
Delta R.T.: 0.001 min
Response: 50406684
Conc: 919.01 ng/ml



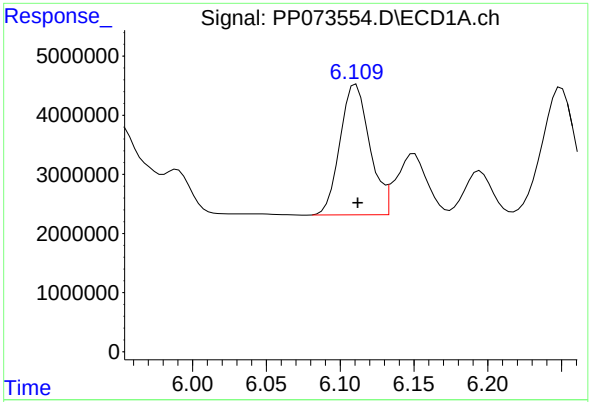
#6 AR-1016-4

R.T.: 5.818 min
Delta R.T.: -0.003 min
Response: 33606097
Conc: 918.40 ng/ml



#6 AR-1016-4

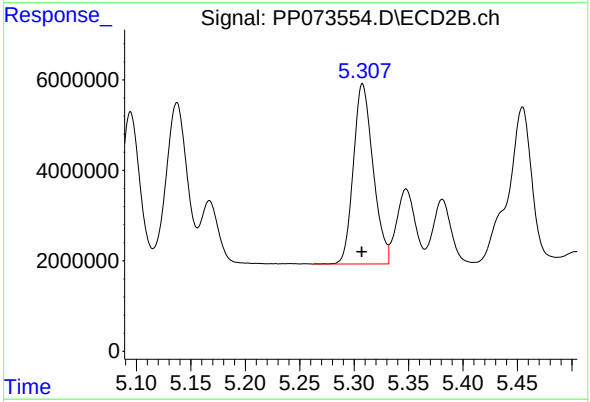
R.T.: 5.095 min
Delta R.T.: 0.001 min
Response: 39688708
Conc: 904.13 ng/ml



#7 AR-1016-5

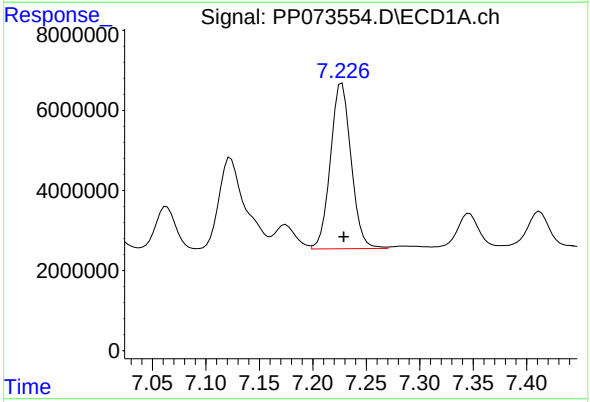
R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 30910810
Conc: 942.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



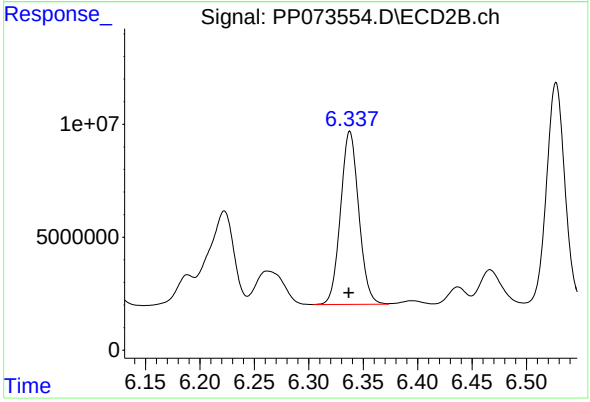
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 50298801
Conc: 903.67 ng/ml



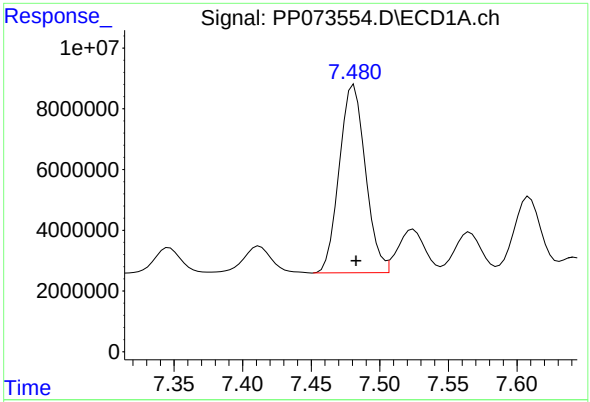
#31 AR-1260-1

R.T.: 7.227 min
Delta R.T.: -0.002 min
Response: 55735594
Conc: 934.16 ng/ml



#31 AR-1260-1

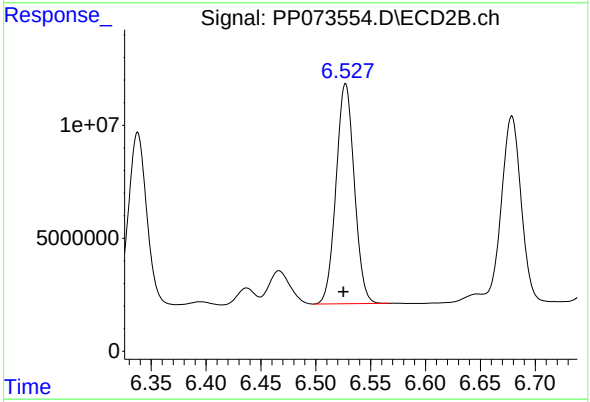
R.T.: 6.338 min
Delta R.T.: 0.001 min
Response: 89335231
Conc: 898.10 ng/ml



#32 AR-1260-2

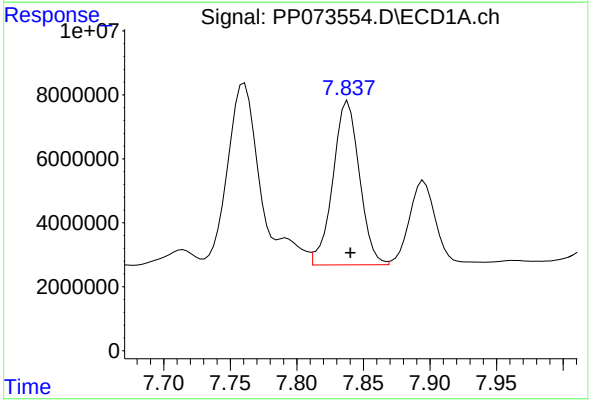
R.T.: 7.481 min
Delta R.T.: -0.002 min
Response: 82256765
Conc: 909.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



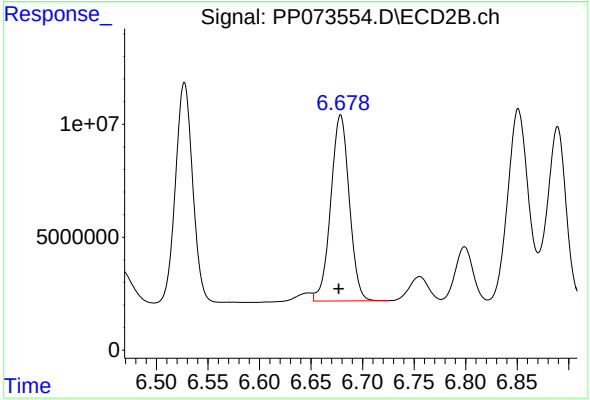
#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 113000947
Conc: 911.27 ng/ml



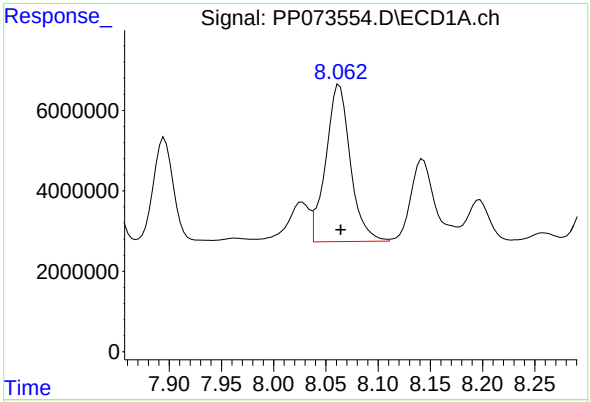
#33 AR-1260-3

R.T.: 7.838 min
Delta R.T.: -0.002 min
Response: 71122512
Conc: 952.22 ng/ml



#33 AR-1260-3

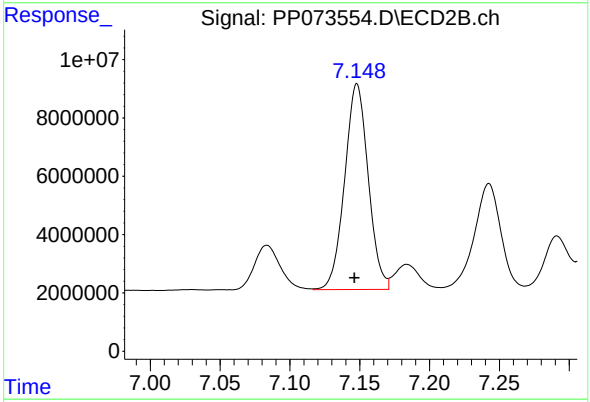
R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 102918015
Conc: 916.51 ng/ml



#34 AR-1260-4

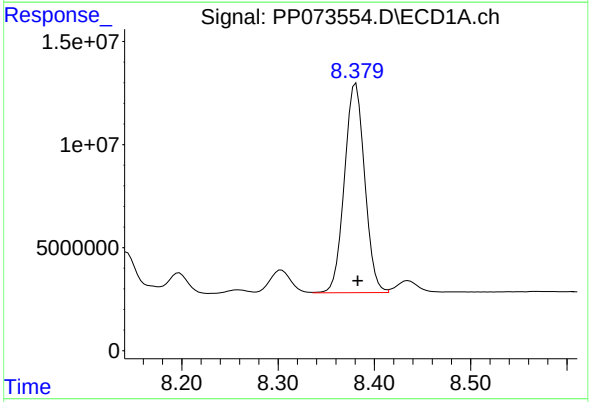
R.T.: 8.063 min
Delta R.T.: -0.001 min
Response: 63951646
Conc: 958.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



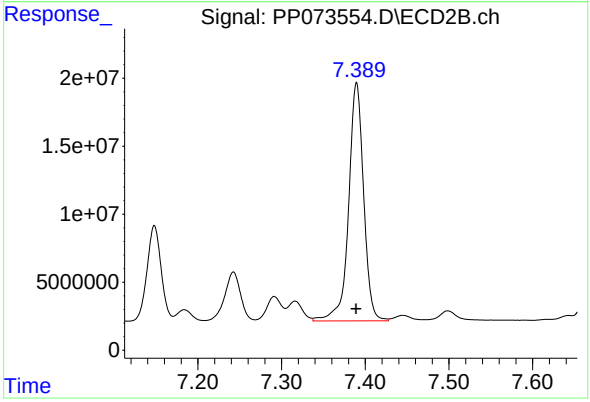
#34 AR-1260-4

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 82942909
Conc: 898.14 ng/ml



#35 AR-1260-5

R.T.: 8.381 min
Delta R.T.: -0.002 min
Response: 147606205
Conc: 952.94 ng/ml



#35 AR-1260-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 218347404
Conc: 940.24 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:19
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: Jul 08 01:39:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.488	3.780	102.8E6	142.0E6	72.739	75.791
2)	SA Decachlor...	10.177	8.781	83570453	100.4E6	72.917	75.817
	Target Compounds						
3)	L1 AR-1016-1	5.639	4.859	34213394	50217519	725.800	732.878
4)	L1 AR-1016-2	5.661	4.876	52606484	74857573	730.151	729.682
5)	L1 AR-1016-3	5.722	5.052	31534647	39834108	714.057	726.250
6)	L1 AR-1016-4	5.820	5.095	26606805	31578742	727.120	719.383
7)	L1 AR-1016-5	6.112	5.308	23978479	40115862	731.355	720.727
31)	L7 AR-1260-1	7.230	6.338	43342023	70882887	726.438	712.596
32)	L7 AR-1260-2	7.483	6.527	65155158	88919856	720.792	717.075
33)	L7 AR-1260-3	7.841	6.678	55295986	81310749	740.327	724.093
34)	L7 AR-1260-4	8.065	7.148	49508585	67830449	741.919	734.499
35)	L7 AR-1260-5	8.383	7.390	113.9E6	176.0E6	735.086	757.944

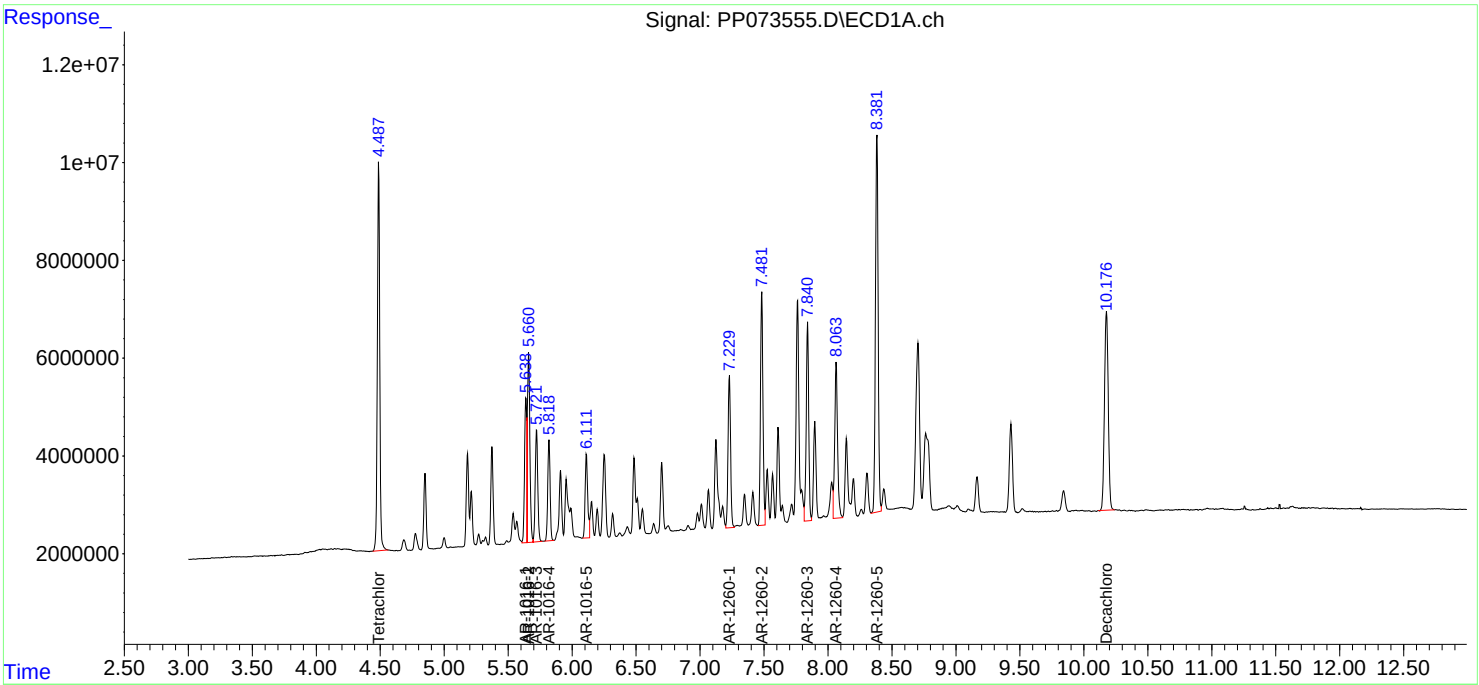
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

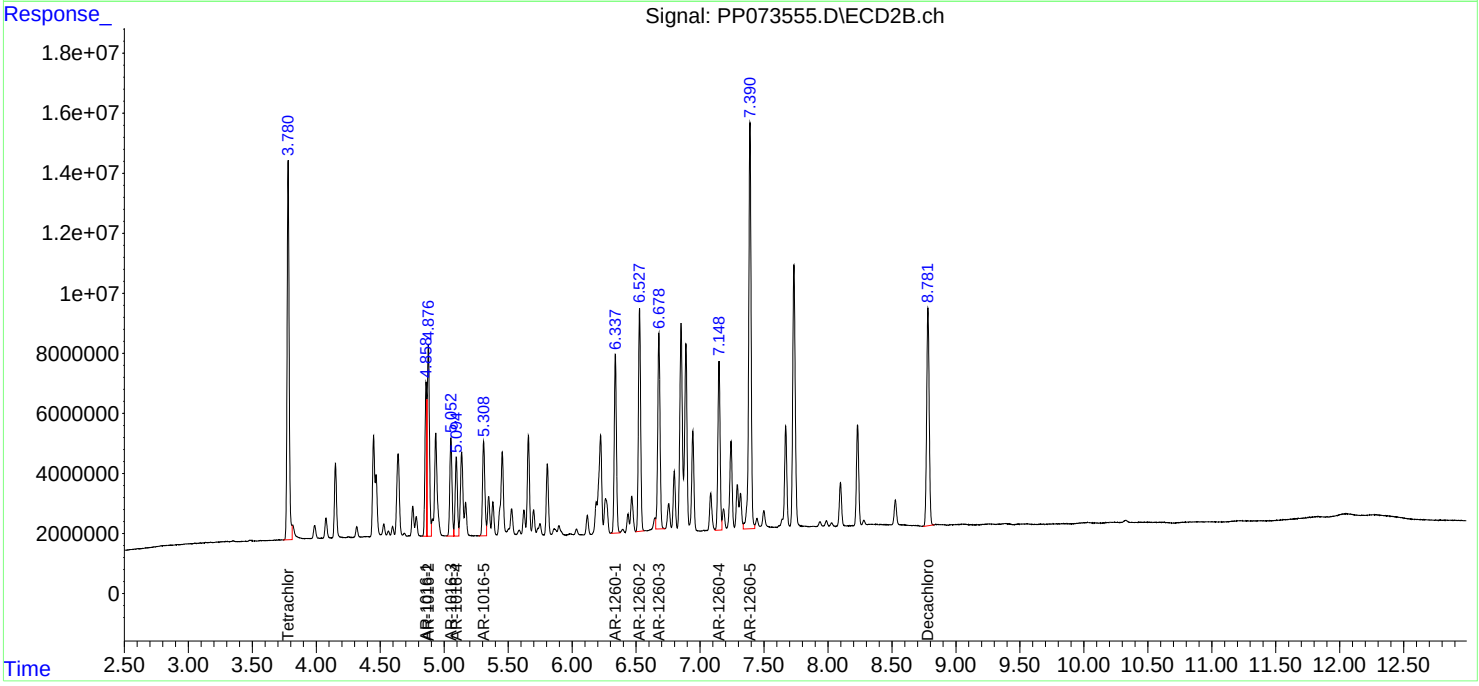
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:19
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

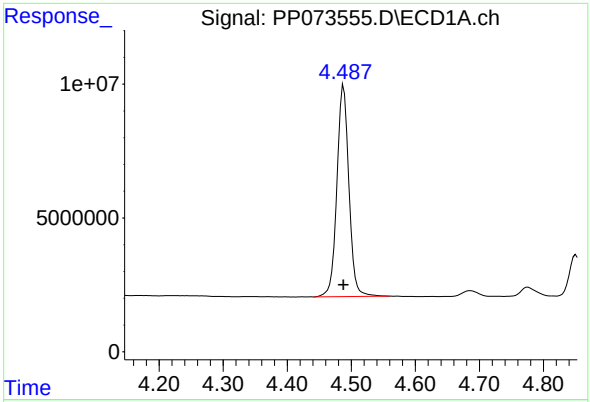
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:39:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



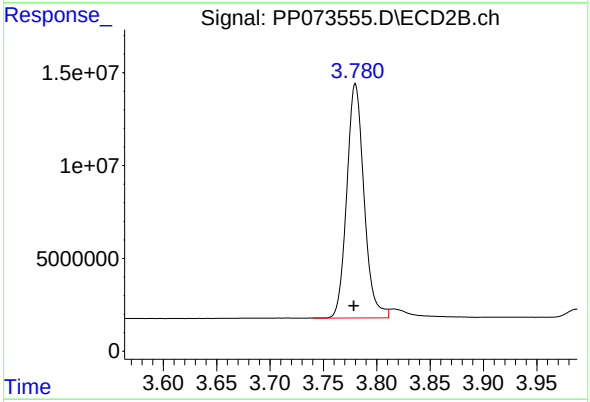




#1 Tetrachloro-m-xylene

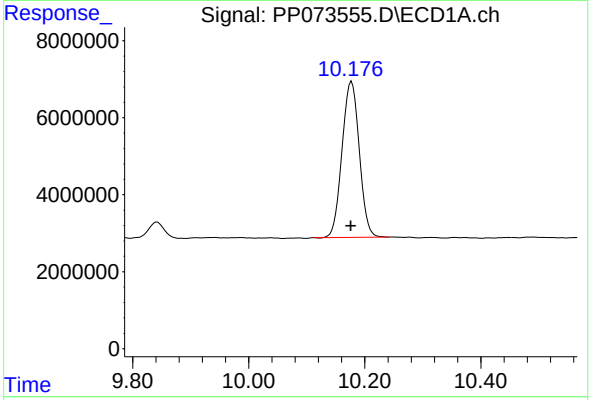
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 102794379
Conc: 72.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



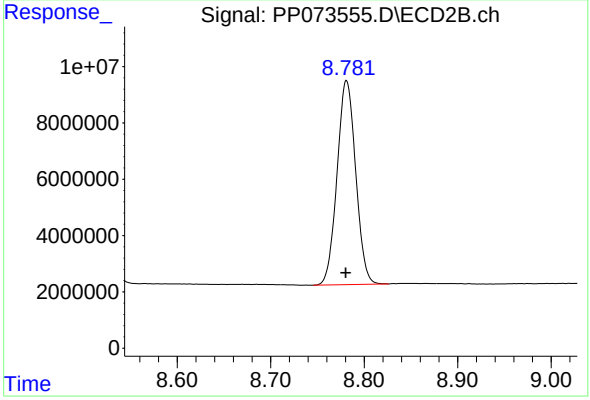
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 141986957
Conc: 75.79 ng/ml



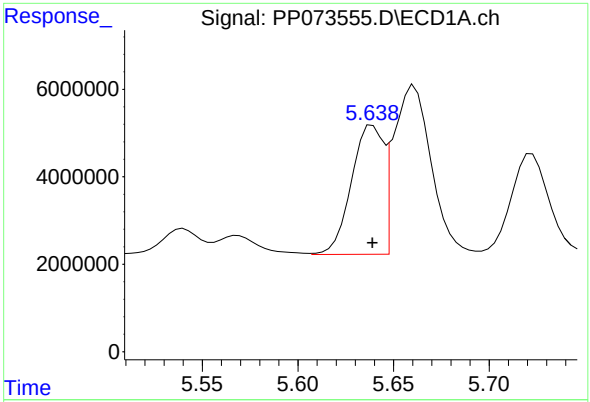
#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: 0.001 min
Response: 83570453
Conc: 72.92 ng/ml



#2 Decachlorobiphenyl

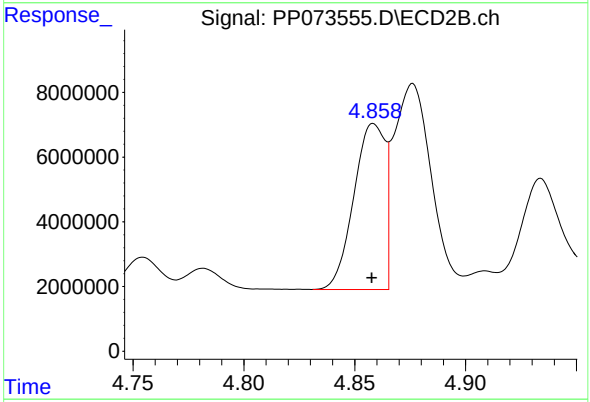
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 100420368
Conc: 75.82 ng/ml



#3 AR-1016-1

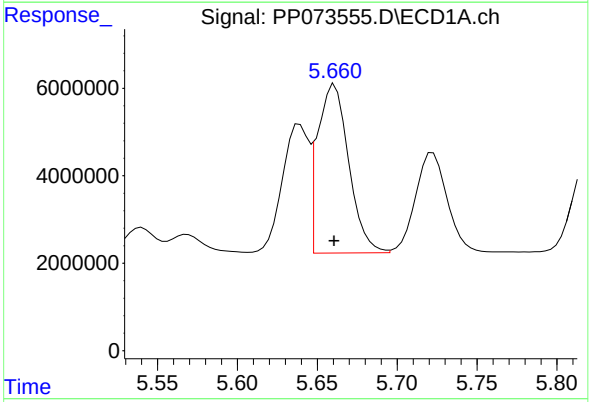
R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 34213394
Conc: 725.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



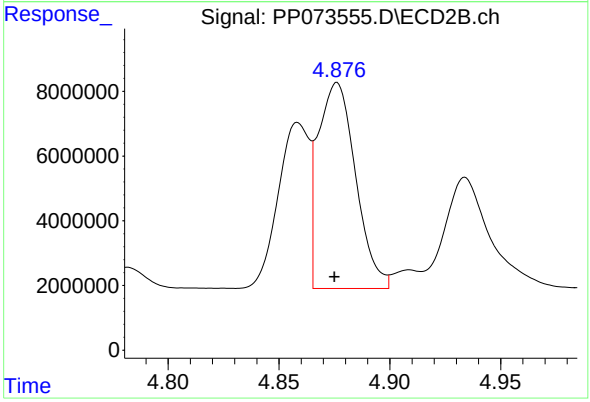
#3 AR-1016-1

R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 50217519
Conc: 732.88 ng/ml



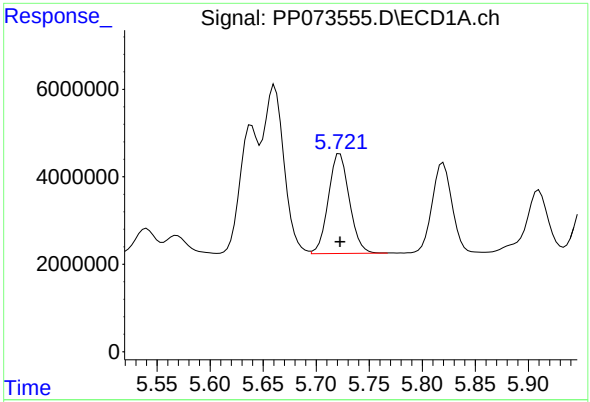
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 52606484
Conc: 730.15 ng/ml



#4 AR-1016-2

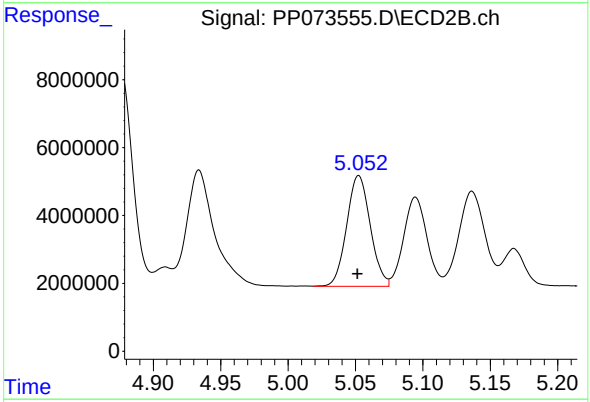
R.T.: 4.876 min
Delta R.T.: 0.001 min
Response: 74857573
Conc: 729.68 ng/ml



#5 AR-1016-3

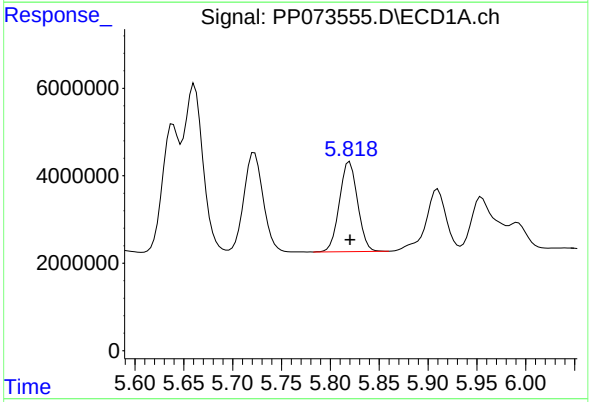
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 31534647
Conc: 714.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



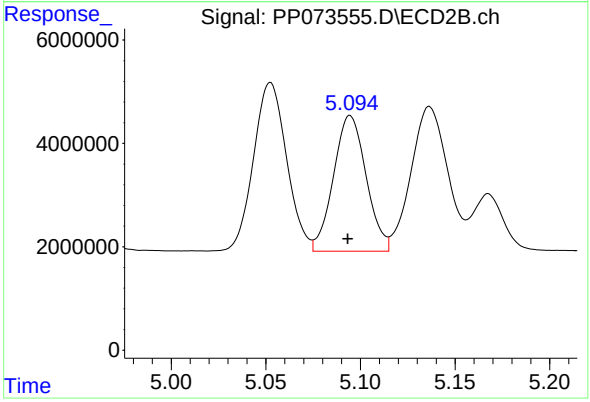
#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 39834108
Conc: 726.25 ng/ml



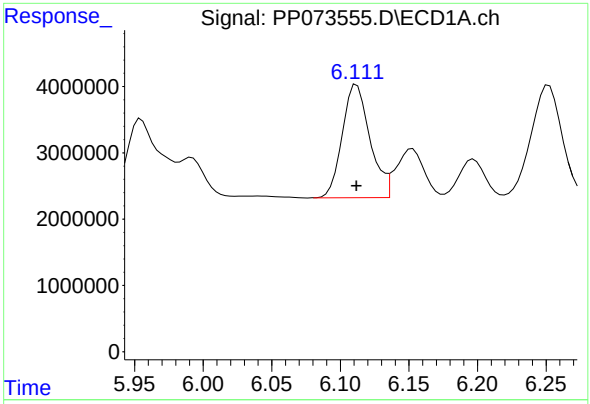
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 26606805
Conc: 727.12 ng/ml



#6 AR-1016-4

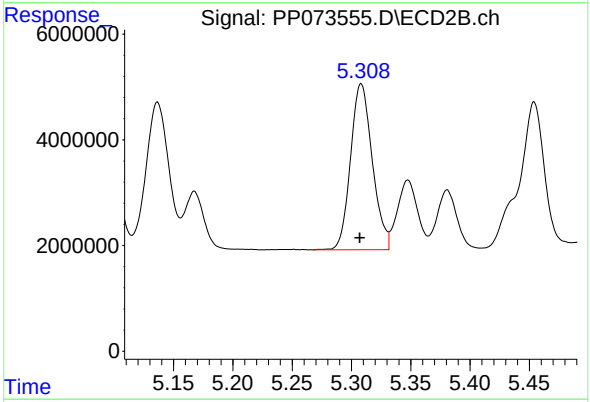
R.T.: 5.095 min
Delta R.T.: 0.001 min
Response: 31578742
Conc: 719.38 ng/ml



#7 AR-1016-5

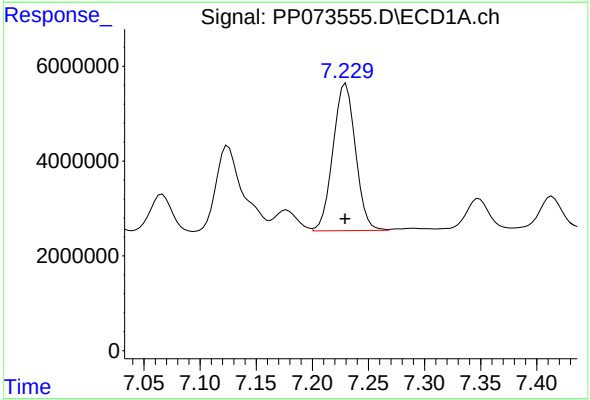
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 23978479
Conc: 731.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



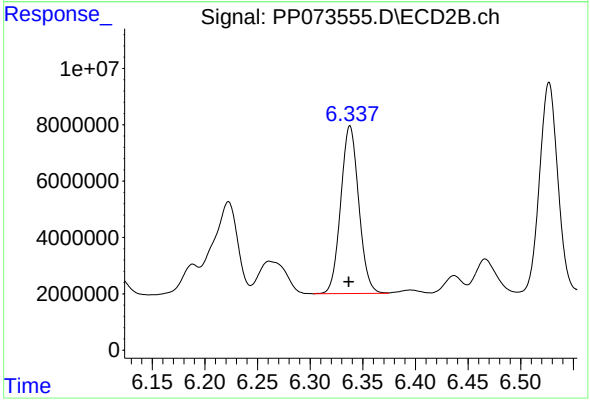
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.001 min
Response: 40115862
Conc: 720.73 ng/ml



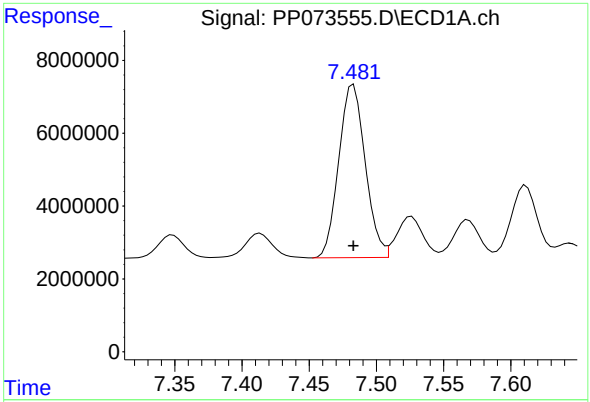
#31 AR-1260-1

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 43342023
Conc: 726.44 ng/ml



#31 AR-1260-1

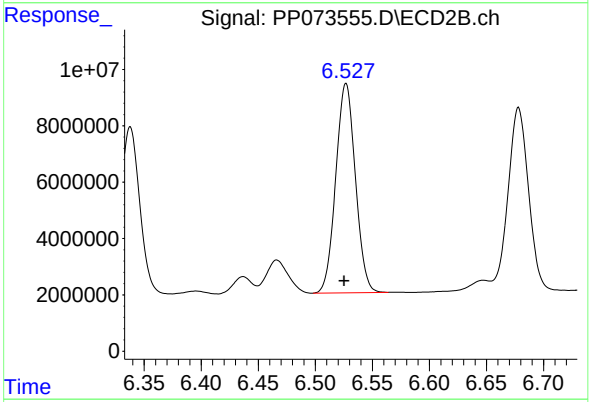
R.T.: 6.338 min
Delta R.T.: 0.001 min
Response: 70882887
Conc: 712.60 ng/ml



#32 AR-1260-2

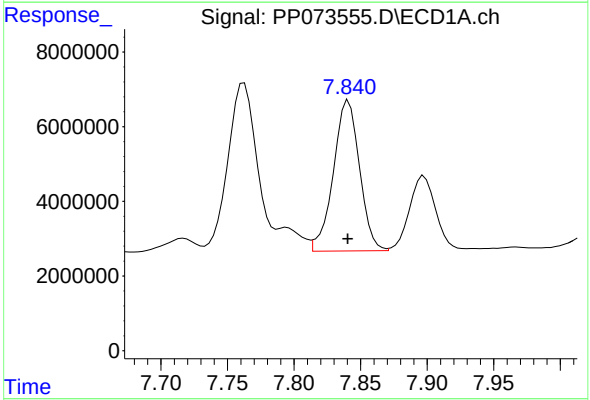
R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 65155158
Conc: 720.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



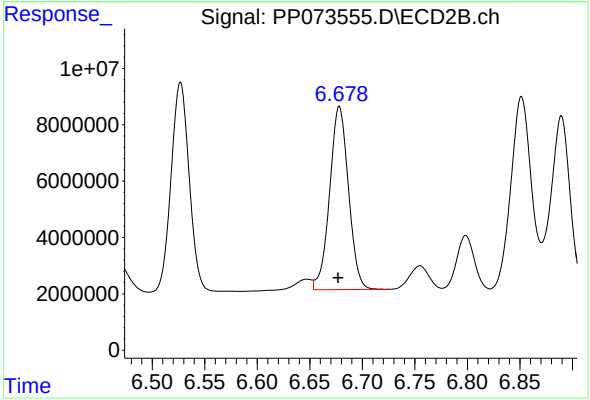
#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 88919856
Conc: 717.08 ng/ml



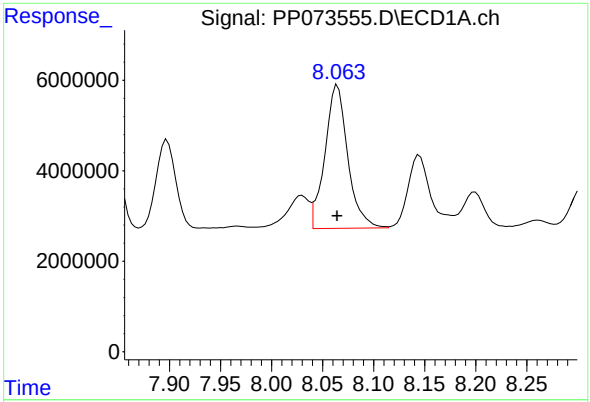
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: 0.000 min
Response: 55295986
Conc: 740.33 ng/ml



#33 AR-1260-3

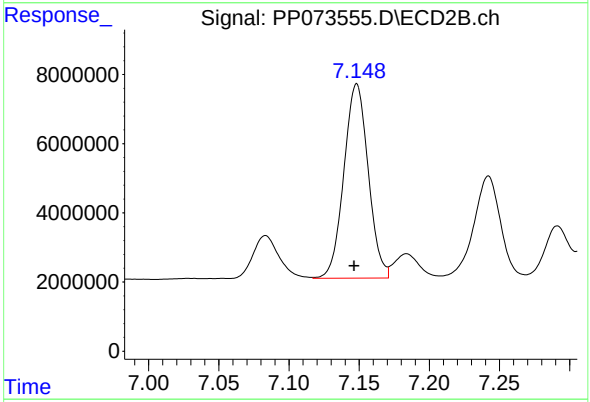
R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 81310749
Conc: 724.09 ng/ml



#34 AR-1260-4

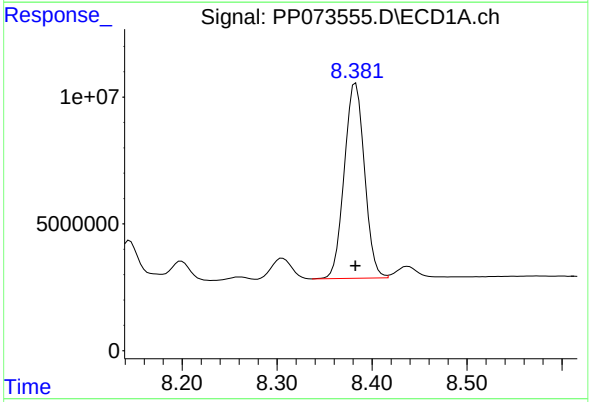
R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 49508585
Conc: 741.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



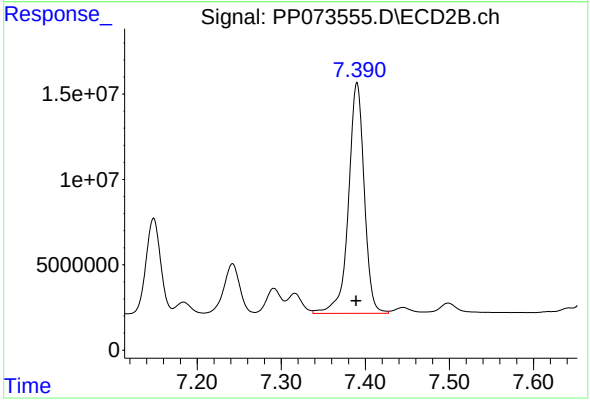
#34 AR-1260-4

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 67830449
Conc: 734.50 ng/ml



#35 AR-1260-5

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 113862071
Conc: 735.09 ng/ml



#35 AR-1260-5

R.T.: 7.390 min
Delta R.T.: 0.001 min
Response: 176013595
Conc: 757.94 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:35
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: Jul 08 01:40:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.488	3.778	70659473	93670223	50.000	50.000
2)	SA Decachlor...	10.176	8.780	57305531	66225271	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.639	4.858	23569436	34260490	500.000	500.000
4)	L1 AR-1016-2	5.660	4.875	36024404	51294648	500.000	500.000
5)	L1 AR-1016-3	5.722	5.051	22081319	27424517	500.000	500.000
6)	L1 AR-1016-4	5.820	5.093	18296028	21948478	500.000	500.000
7)	L1 AR-1016-5	6.112	5.307	16393178	27830144	500.000	500.000
31)	L7 AR-1260-1	7.229	6.337	29831866	49735666	500.000	500.000
32)	L7 AR-1260-2	7.483	6.525	45196946	62001775	500.000	500.000
33)	L7 AR-1260-3	7.840	6.677	37345649	56146648	500.000	500.000
34)	L7 AR-1260-4	8.064	7.146	33365205	46174637	500.000	500.000
35)	L7 AR-1260-5	8.383	7.389	77448161	116.1E6	500.000	500.000

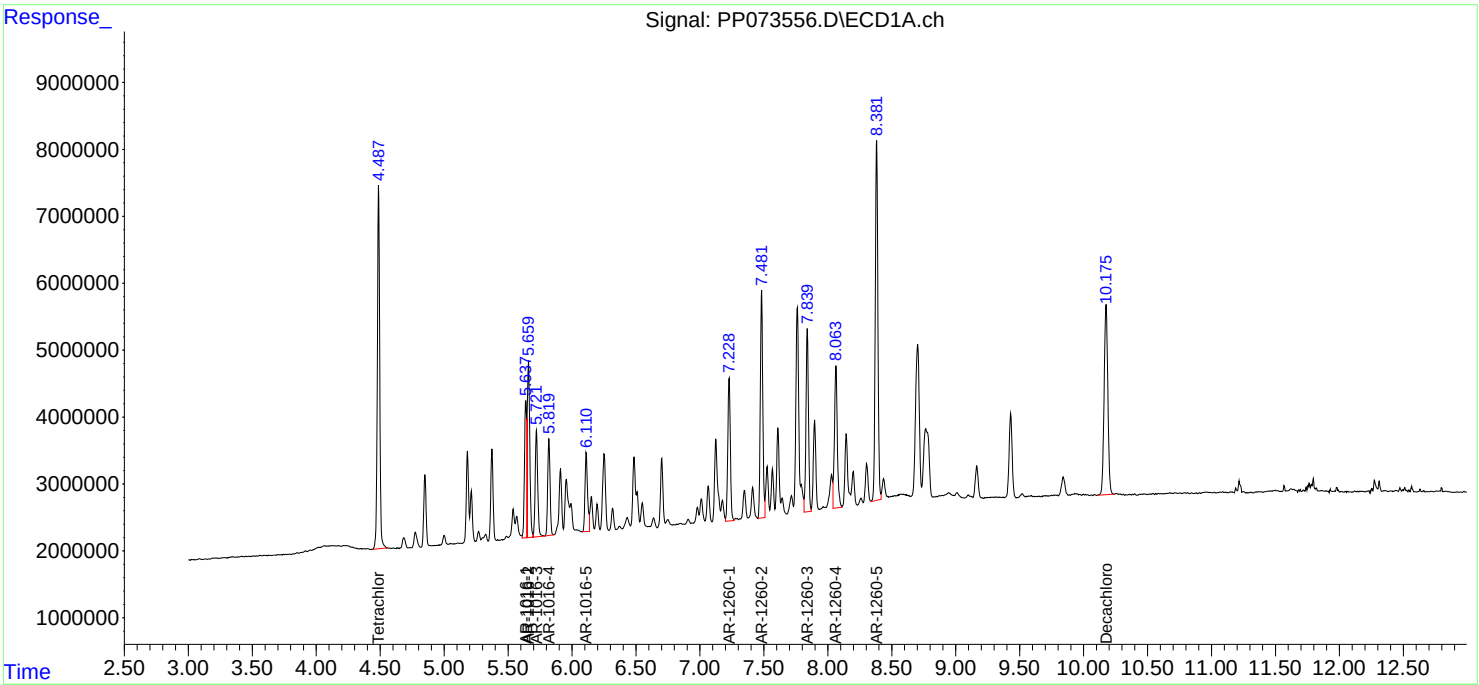
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

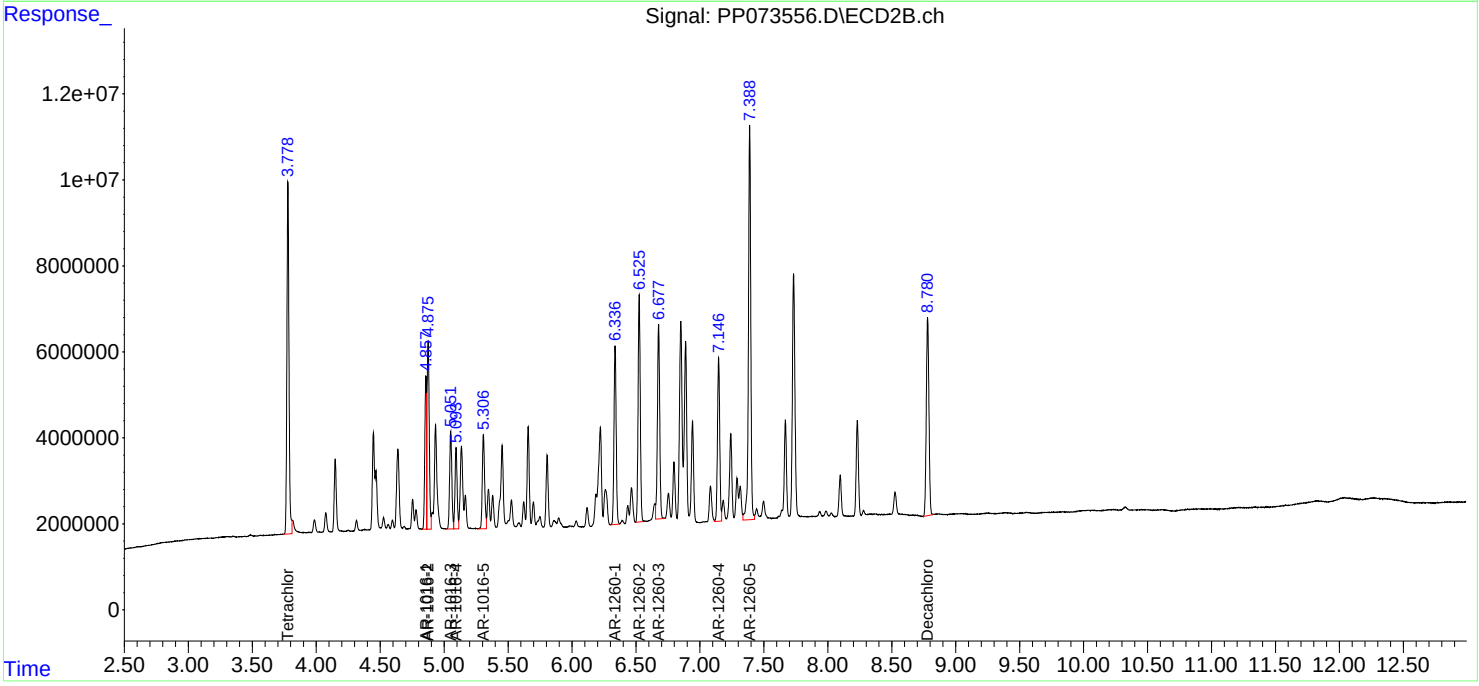
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:35
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

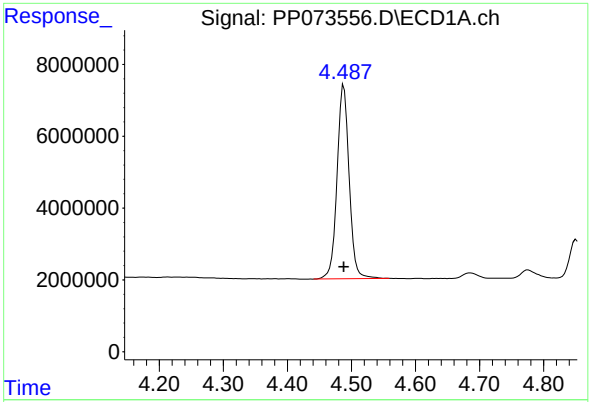
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



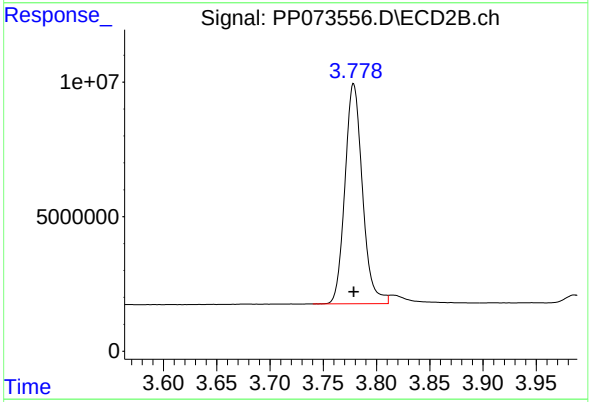




#1 Tetrachloro-m-xylene

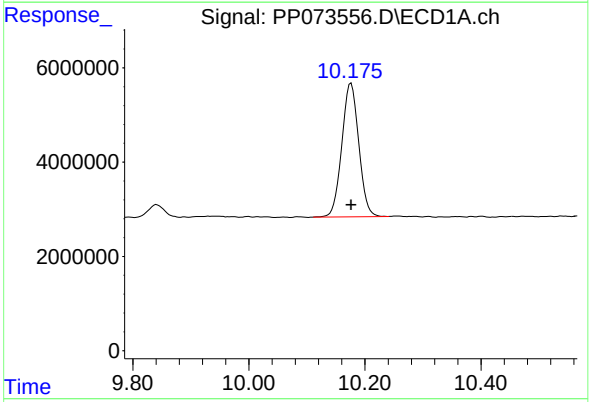
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 70659473
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



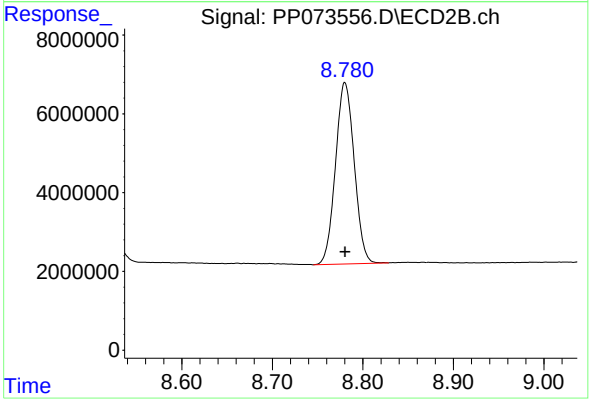
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 93670223
Conc: 50.00 ng/ml



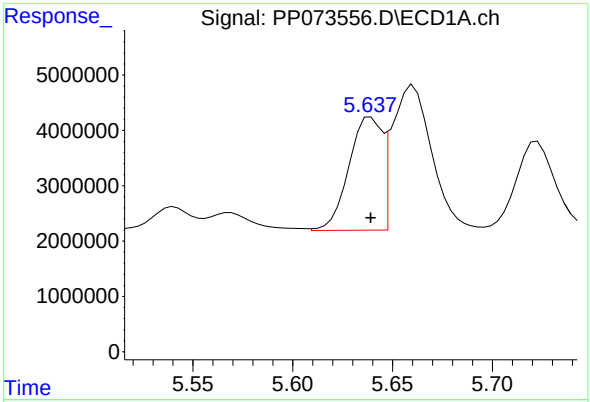
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 57305531
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

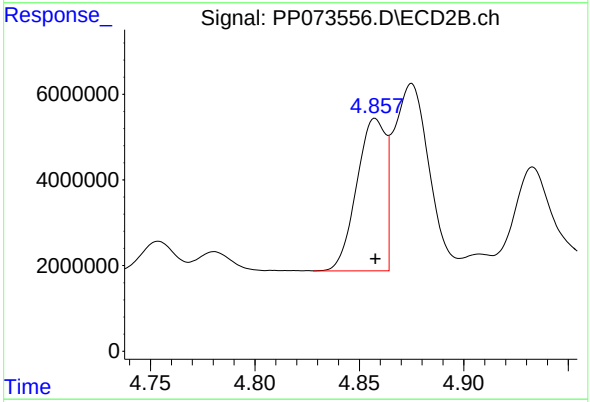
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 66225271
Conc: 50.00 ng/ml



#3 AR-1016-1

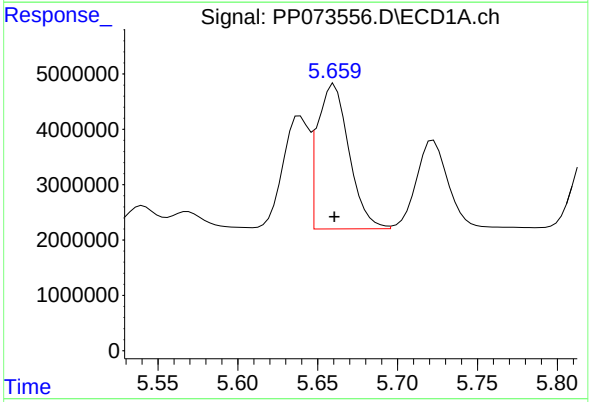
R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 23569436
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



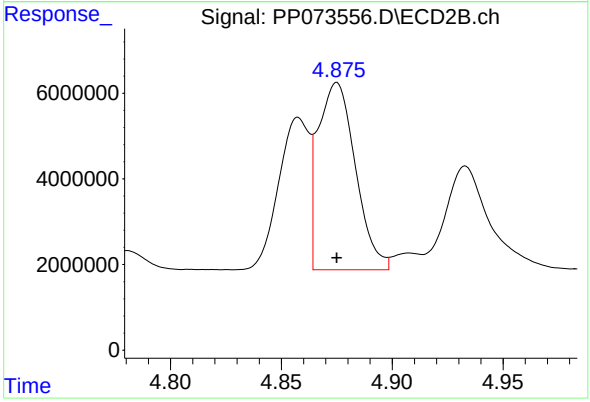
#3 AR-1016-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 34260490
Conc: 500.00 ng/ml



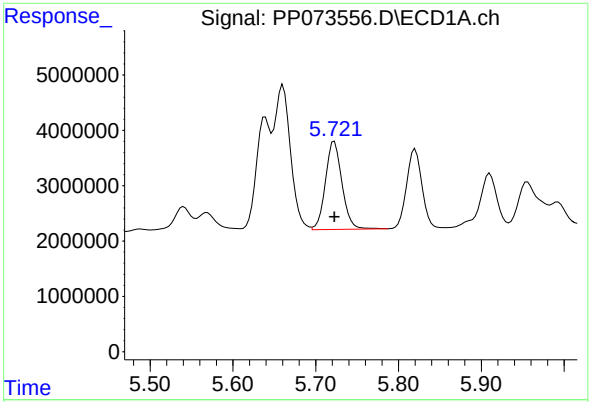
#4 AR-1016-2

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 36024404
Conc: 500.00 ng/ml



#4 AR-1016-2

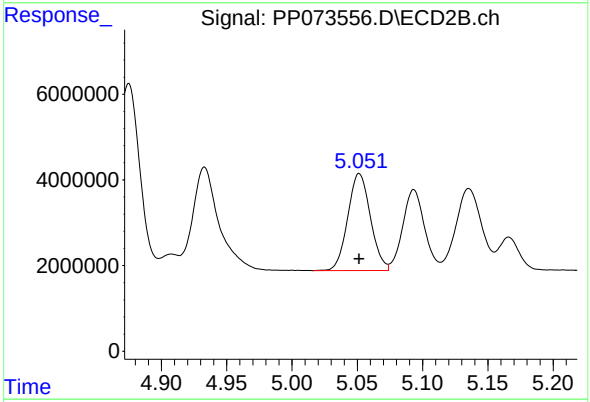
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 51294648
Conc: 500.00 ng/ml



#5 AR-1016-3

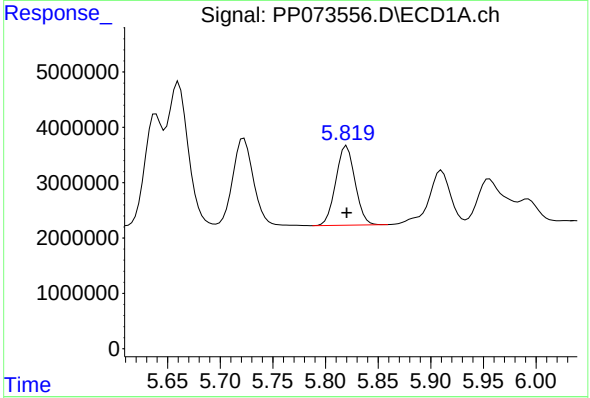
R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 22081319
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



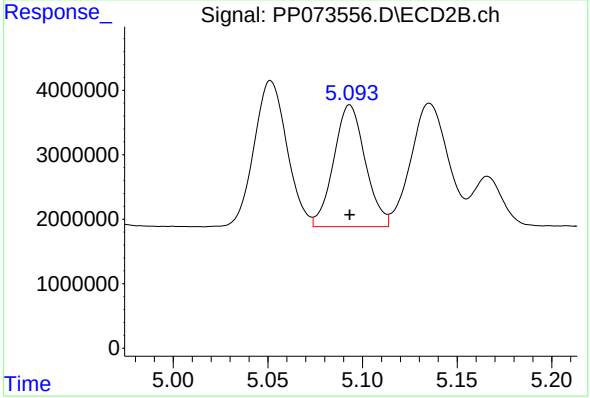
#5 AR-1016-3

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 27424517
Conc: 500.00 ng/ml



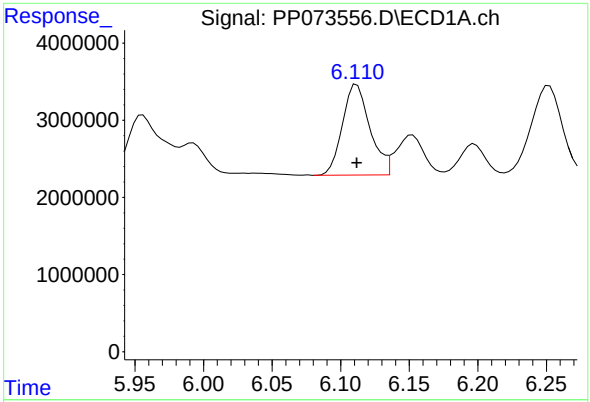
#6 AR-1016-4

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 18296028
Conc: 500.00 ng/ml



#6 AR-1016-4

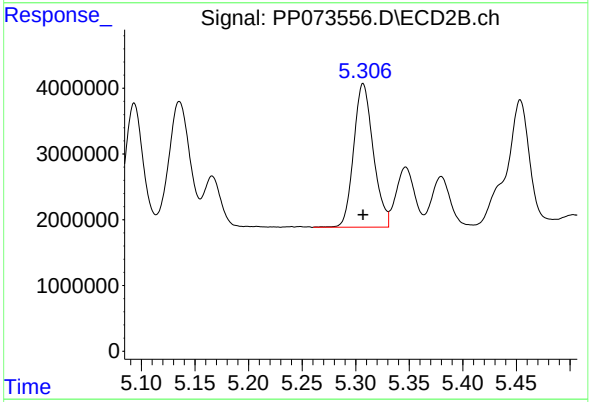
R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 21948478
Conc: 500.00 ng/ml



#7 AR-1016-5

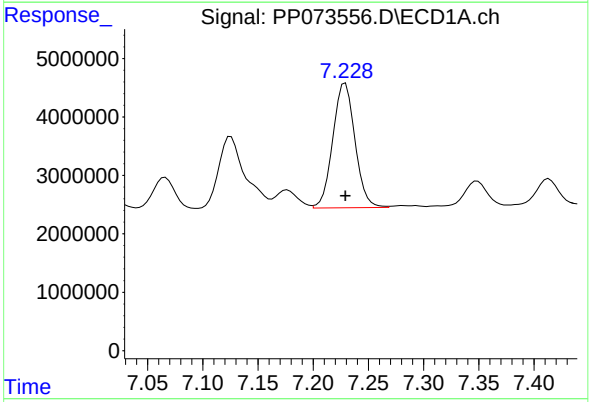
R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 16393178
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



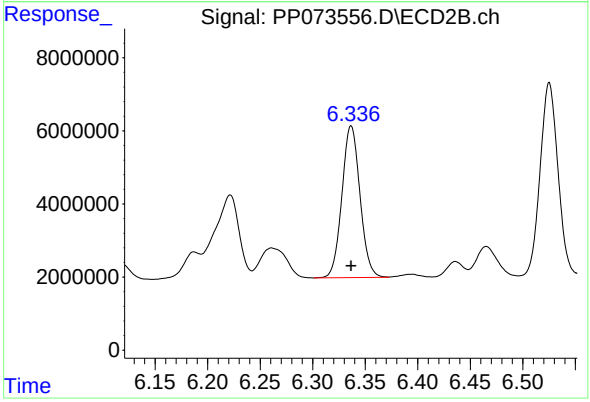
#7 AR-1016-5

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 27830144
Conc: 500.00 ng/ml



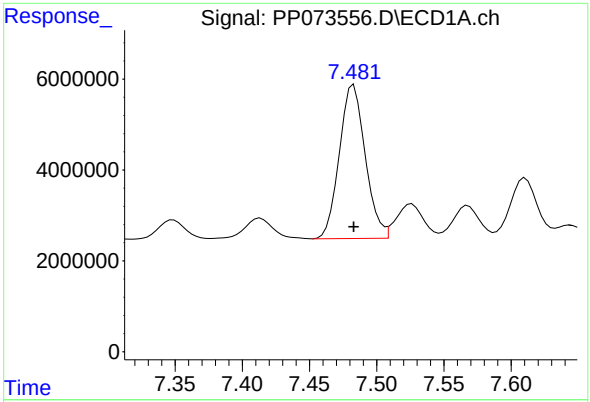
#31 AR-1260-1

R.T.: 7.229 min
Delta R.T.: 0.000 min
Response: 29831866
Conc: 500.00 ng/ml



#31 AR-1260-1

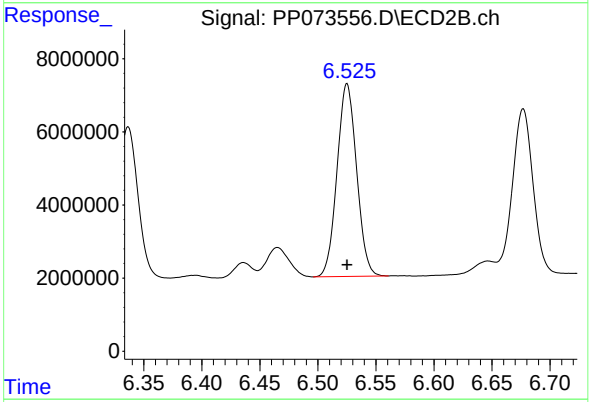
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 49735666
Conc: 500.00 ng/ml



#32 AR-1260-2

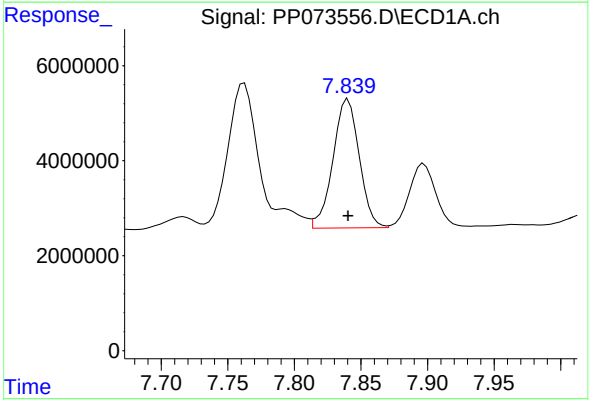
R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 45196946
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



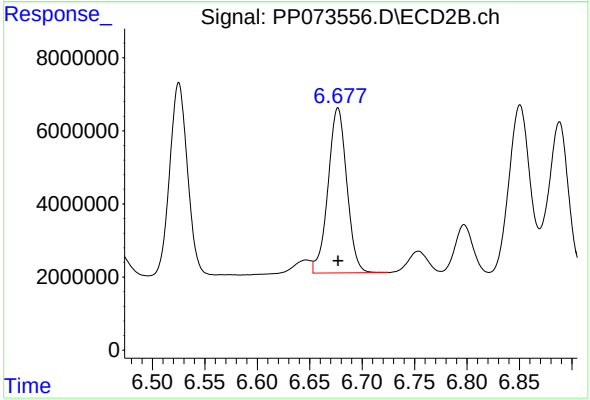
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 62001775
Conc: 500.00 ng/ml



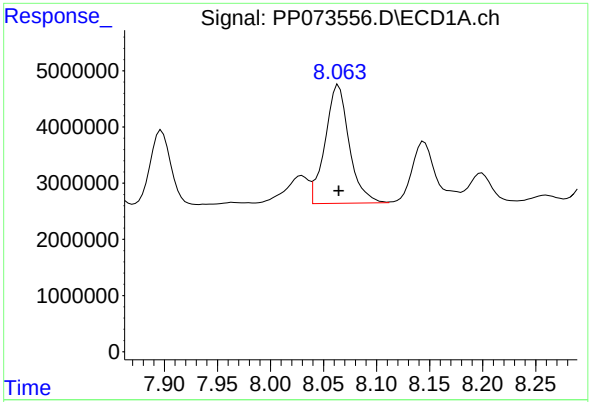
#33 AR-1260-3

R.T.: 7.840 min
Delta R.T.: 0.000 min
Response: 37345649
Conc: 500.00 ng/ml



#33 AR-1260-3

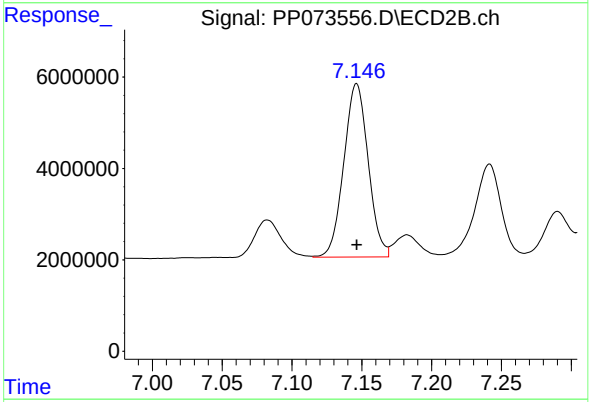
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 56146648
Conc: 500.00 ng/ml



#34 AR-1260-4

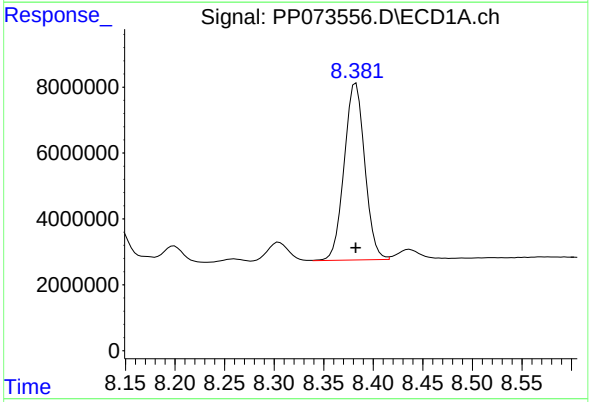
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 33365205
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



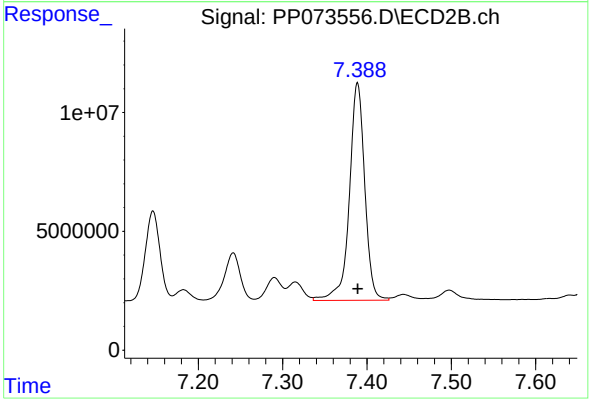
#34 AR-1260-4

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 46174637
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 77448161
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 116112562
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.780	36726195	48601054	25.988	25.943
2)	SA Decachlor...	10.180	8.781	29096309	36663112	25.387	27.681
	Target Compounds						
3)	L1 AR-1016-1	5.640	4.858	12627919	18293907	267.888	266.983
4)	L1 AR-1016-2	5.662	4.876	19179159	27468197	266.197	267.749
5)	L1 AR-1016-3	5.723	5.053	11597460	14482667	262.608	264.046
6)	L1 AR-1016-4	5.821	5.095	9615182	11760046	262.767	267.901
7)	L1 AR-1016-5	6.113	5.308	8568508	14818058	261.344	266.223
31)	L7 AR-1260-1	7.231	6.339	15831007	26051826	265.337	261.903
32)	L7 AR-1260-2	7.484	6.527	24493361	32462748	270.963	261.789
33)	L7 AR-1260-3	7.843	6.679	19201014	29417085	257.072	261.967
34)	L7 AR-1260-4	8.066	7.147	17258868	24081302	258.636	260.763m
35)	L7 AR-1260-5	8.385	7.391	40210084	58426954	259.594	251.596m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

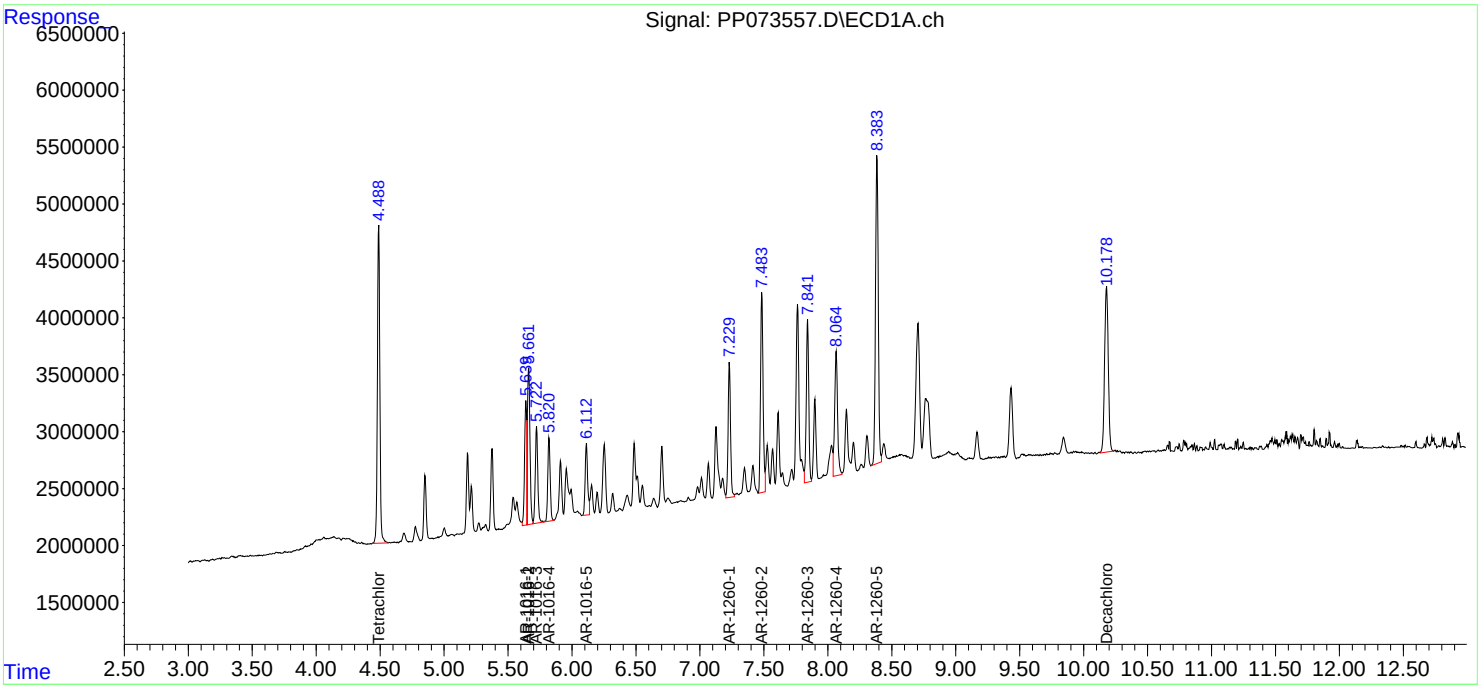
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

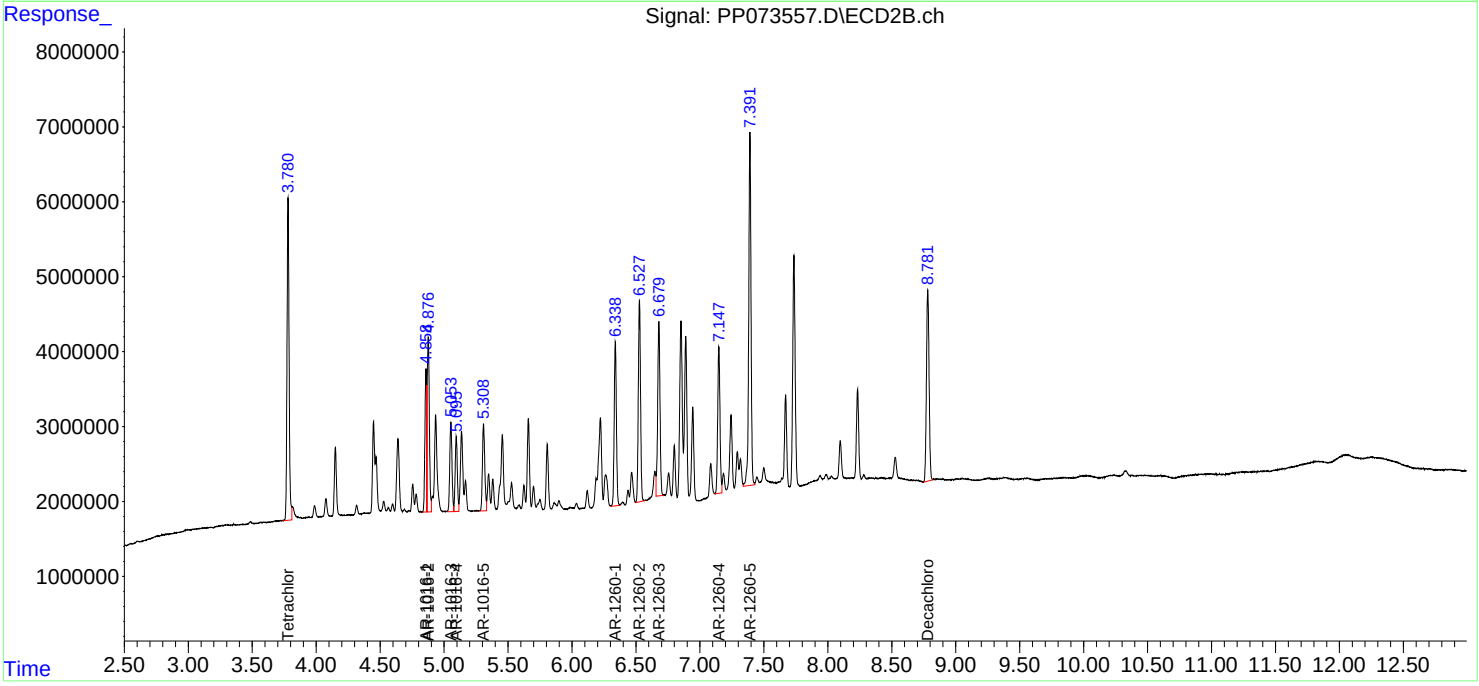
Manual Integrations APPROVED

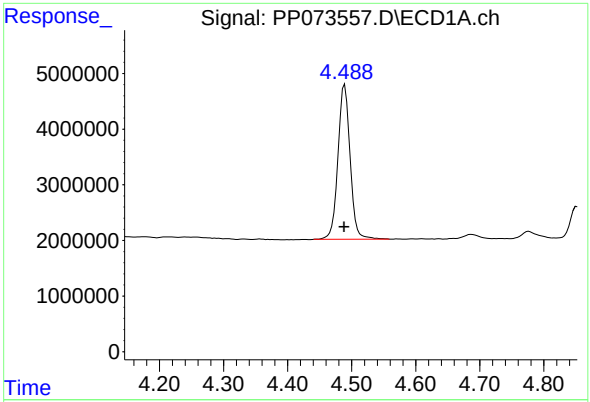
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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







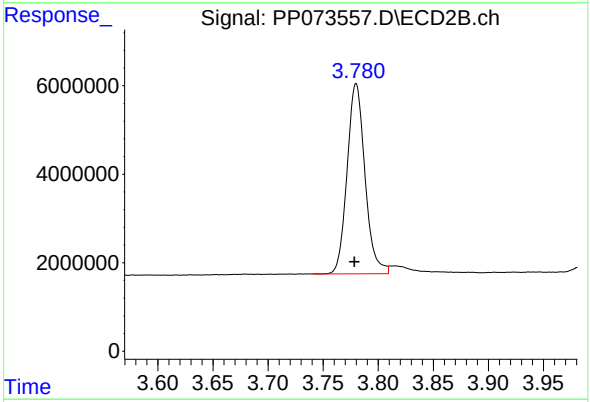
#1 Tetrachloro-m-xylene

R.T.: 4.489 min
Delta R.T.: 0.001 min
Response: 36726195
Conc: 25.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

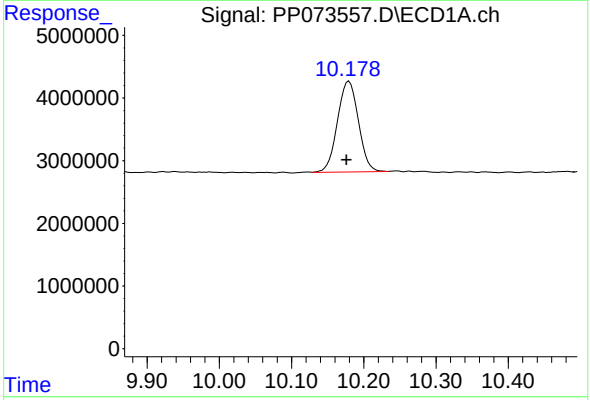
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



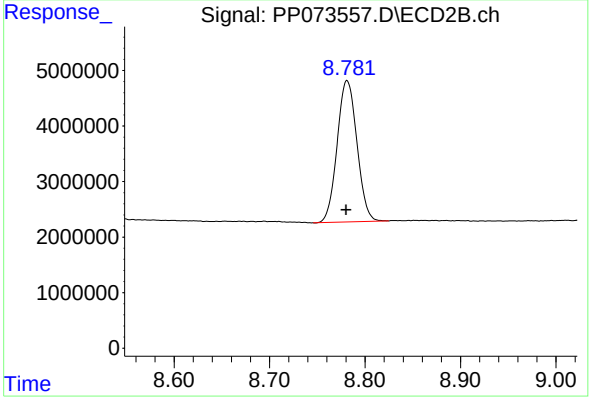
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 48601054
Conc: 25.94 ng/ml



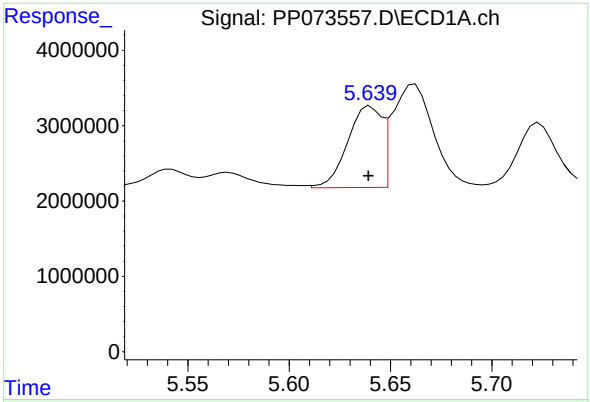
#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: 0.003 min
Response: 29096309
Conc: 25.39 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 36663112
Conc: 27.68 ng/ml



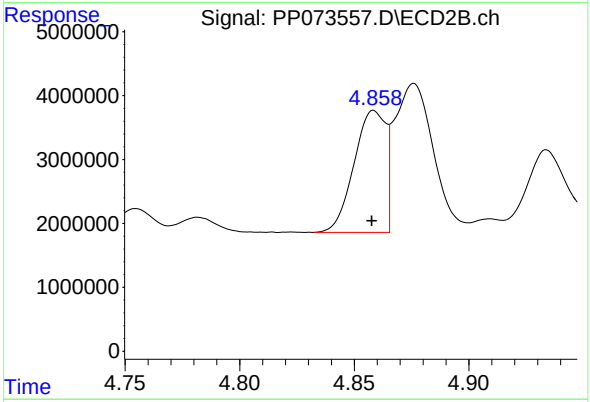
#3 AR-1016-1

R.T.: 5.640 min
Delta R.T.: 0.001 min
Response: 12627919
Conc: 267.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

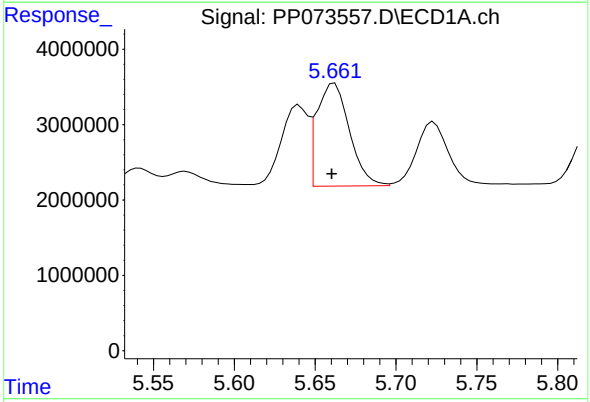
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



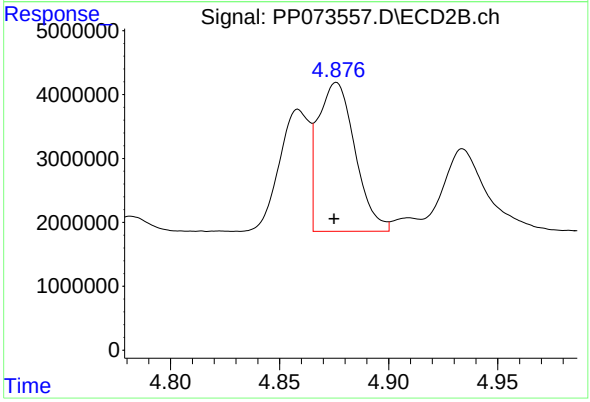
#3 AR-1016-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 18293907
Conc: 266.98 ng/ml



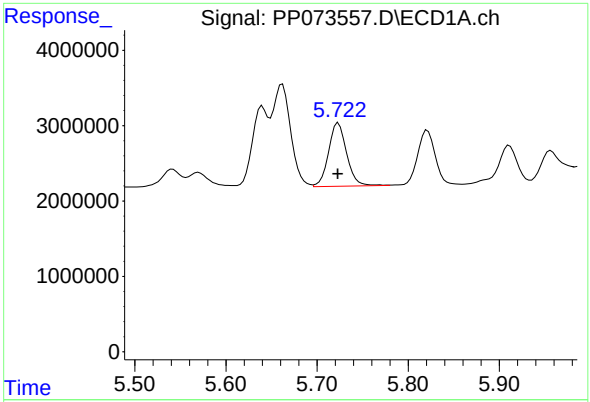
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: 0.002 min
Response: 19179159
Conc: 266.20 ng/ml



#4 AR-1016-2

R.T.: 4.876 min
Delta R.T.: 0.001 min
Response: 27468197
Conc: 267.75 ng/ml



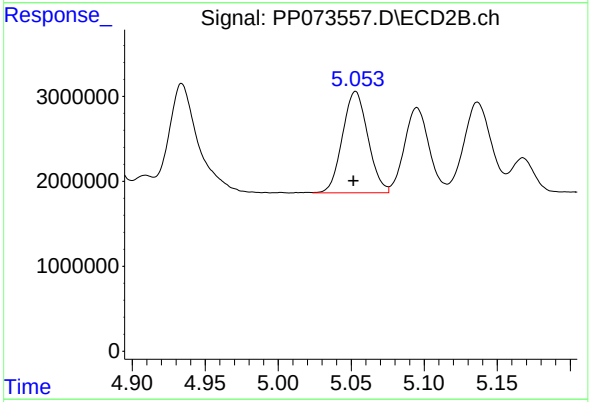
#5 AR-1016-3

R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 11597460
Conc: 262.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

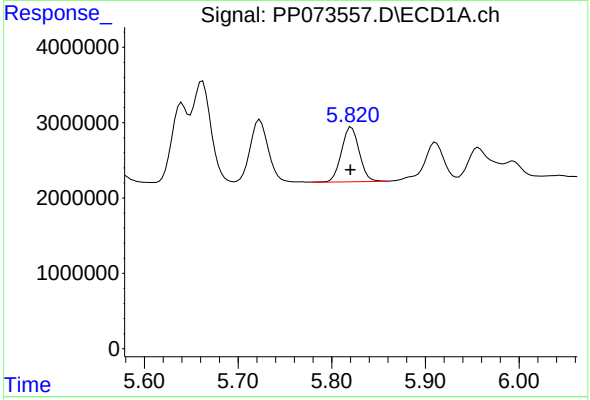
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



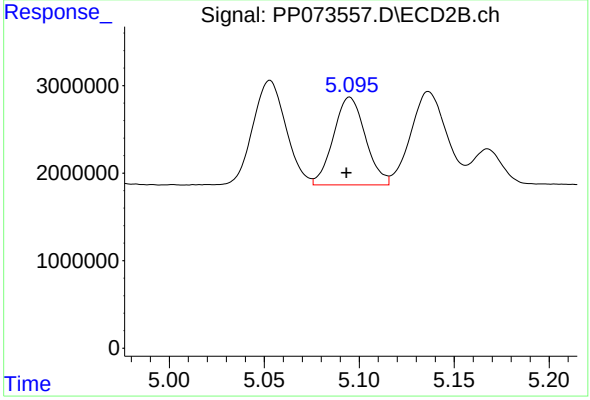
#5 AR-1016-3

R.T.: 5.053 min
Delta R.T.: 0.002 min
Response: 14482667
Conc: 264.05 ng/ml



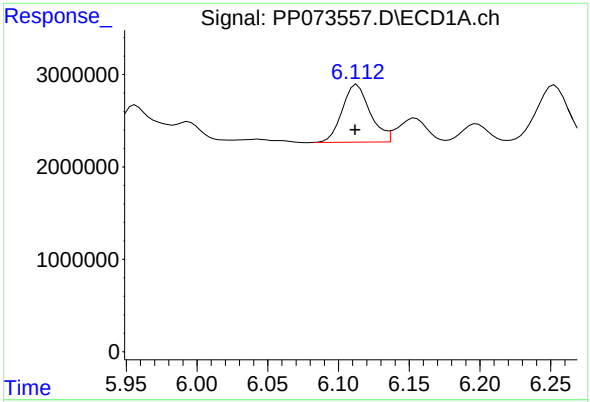
#6 AR-1016-4

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 9615182
Conc: 262.77 ng/ml



#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: 0.002 min
Response: 11760046
Conc: 267.90 ng/ml



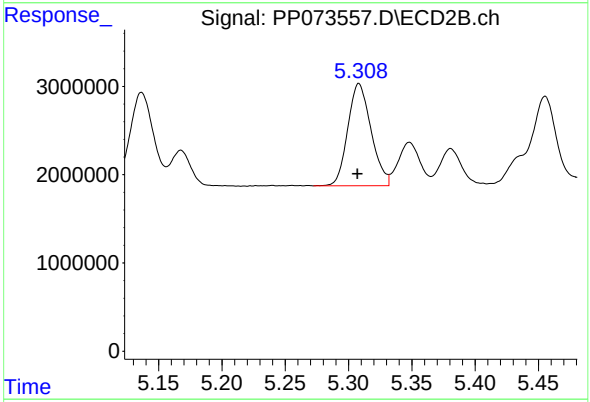
#7 AR-1016-5

R.T.: 6.113 min
Delta R.T.: 0.001 min
Response: 8568508
Conc: 261.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

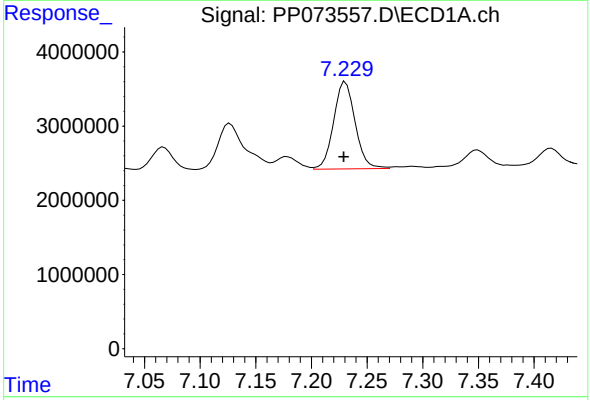
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



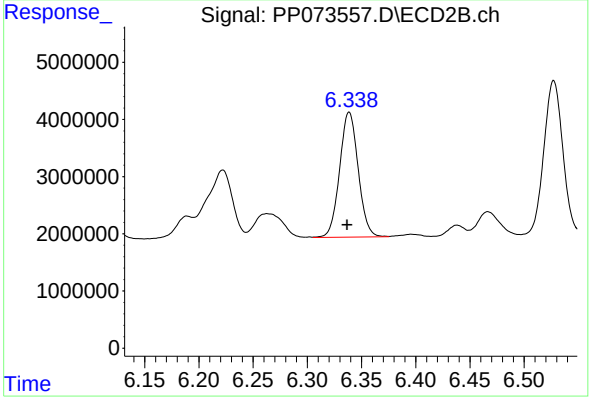
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.001 min
Response: 14818058
Conc: 266.22 ng/ml



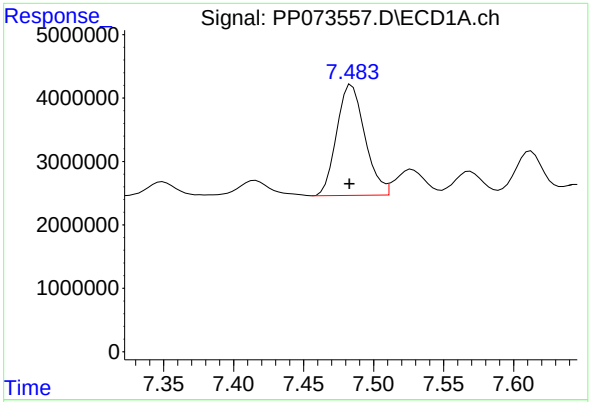
#31 AR-1260-1

R.T.: 7.231 min
Delta R.T.: 0.002 min
Response: 15831007
Conc: 265.34 ng/ml



#31 AR-1260-1

R.T.: 6.339 min
Delta R.T.: 0.002 min
Response: 26051826
Conc: 261.90 ng/ml



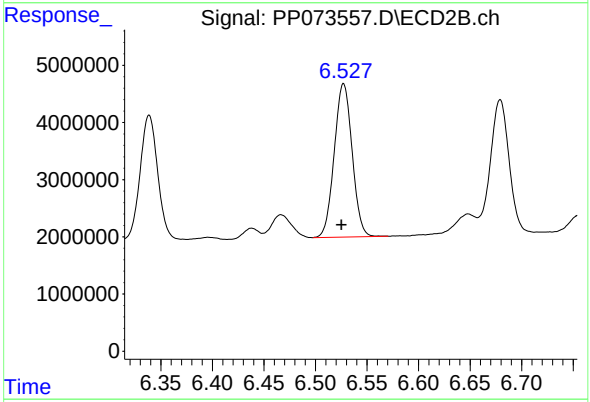
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: 0.002 min
Response: 24493361
Conc: 270.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

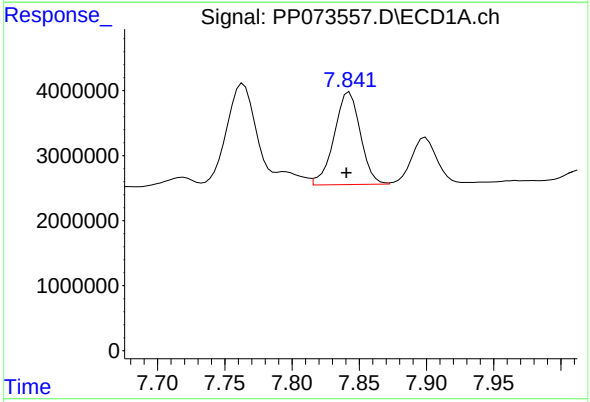
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



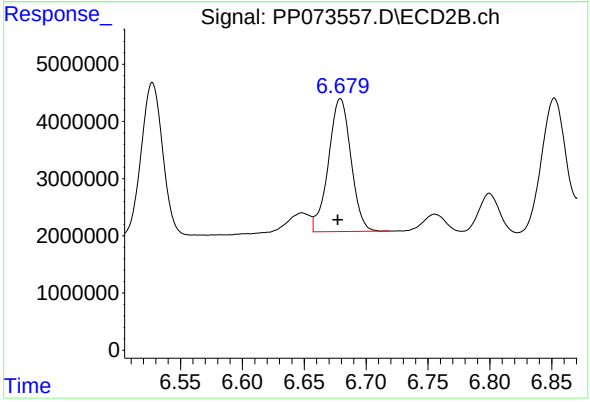
#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 32462748
Conc: 261.79 ng/ml



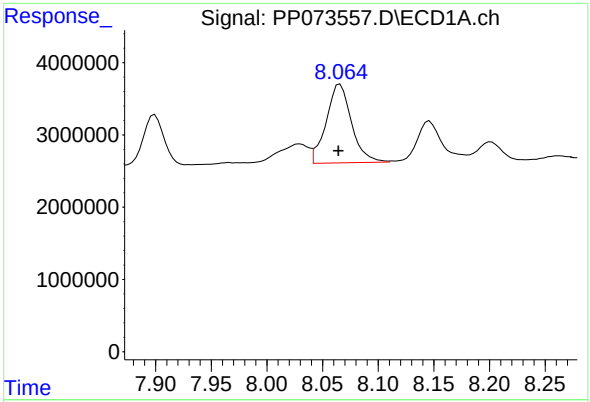
#33 AR-1260-3

R.T.: 7.843 min
Delta R.T.: 0.002 min
Response: 19201014
Conc: 257.07 ng/ml



#33 AR-1260-3

R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 29417085
Conc: 261.97 ng/ml



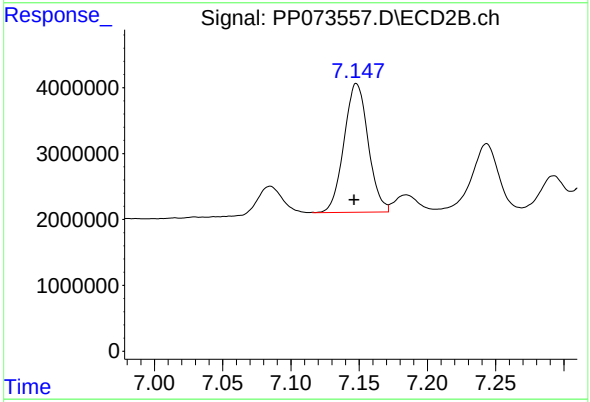
#34 AR-1260-4

R.T.: 8.066 min
Delta R.T.: 0.001 min
Response: 17258868
Conc: 258.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

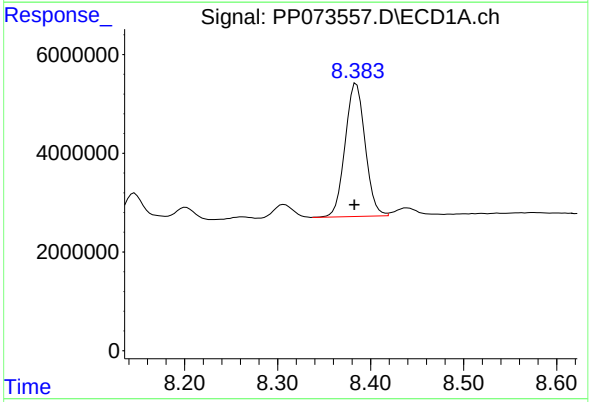
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



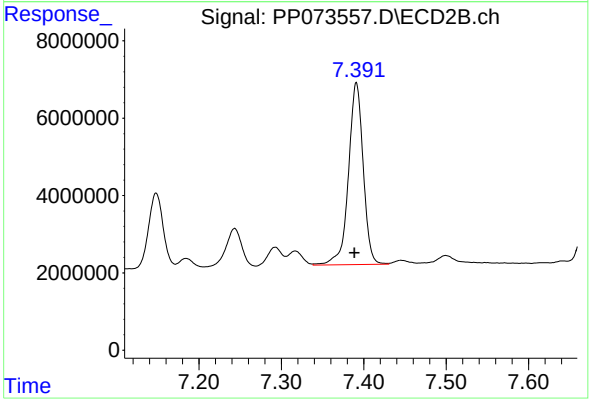
#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.001 min
Response: 24081302
Conc: 260.76 ng/ml m



#35 AR-1260-5

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 40210084
Conc: 259.59 ng/ml



#35 AR-1260-5

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 58426954
Conc: 251.60 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.779	6400868	8634125	4.529	4.609
2)	SA Decachlor...	10.173	8.780	4780120	5986472	4.171	4.520
	Target Compounds						
3)	L1 AR-1016-1	5.635	4.857	2592361	3433572	54.994m	50.110
4)	L1 AR-1016-2	5.658	4.875	3532445	5058097	49.029	49.304
5)	L1 AR-1016-3	5.719	5.052	2287754	2711653	51.803	49.438
6)	L1 AR-1016-4	5.817	5.094	1779663	2333668	48.635	53.162
7)	L1 AR-1016-5	6.109	5.307	1335478	2709671	40.733	48.682
31)	L7 AR-1260-1	7.226	6.336	2914675	5013856	48.852	50.405m
32)	L7 AR-1260-2	7.482	6.525	6085083	6438631	67.317	51.923
33)	L7 AR-1260-3	7.838	6.677	3450365	5301254	46.195	47.209
34)	L7 AR-1260-4	8.061	7.146	3038521	4249208	45.534	46.012m
35)	L7 AR-1260-5	8.379	7.388	6955237	10235896	44.903	44.077m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

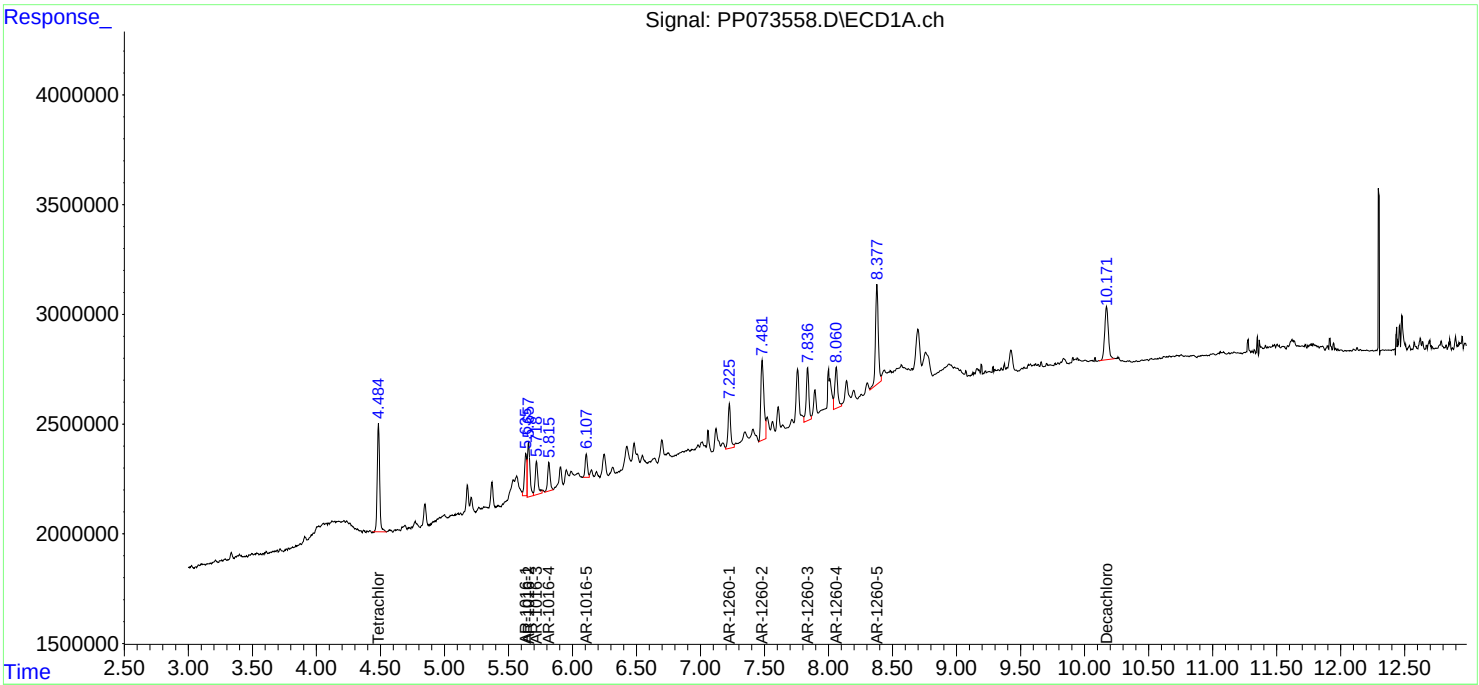
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

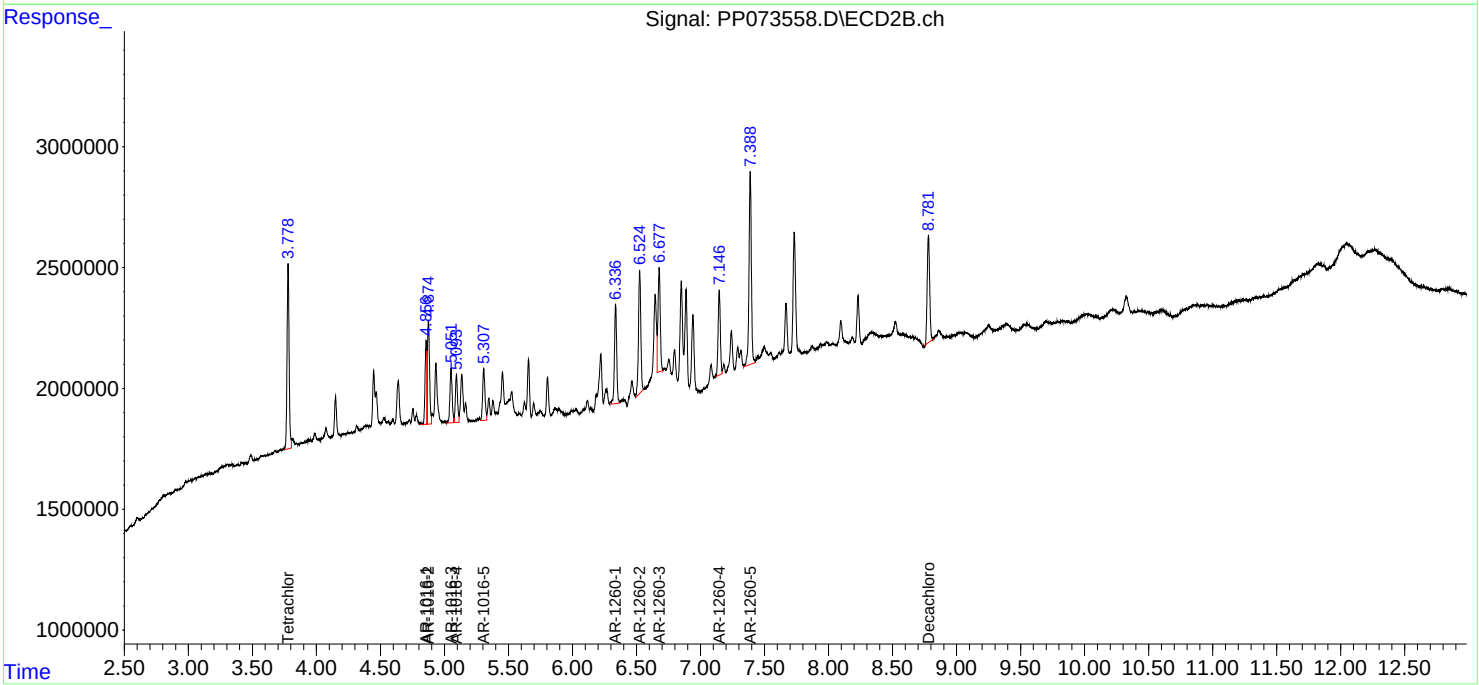
Manual Integrations APPROVED

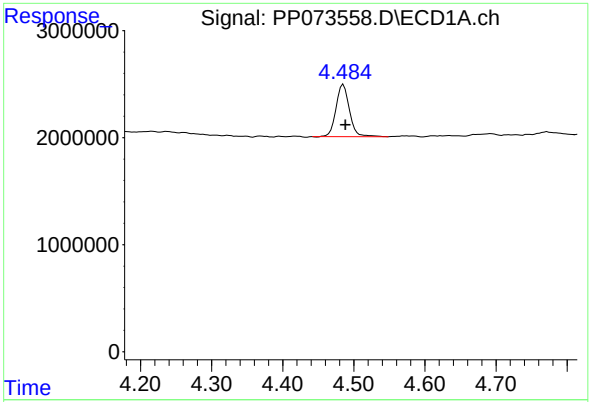
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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







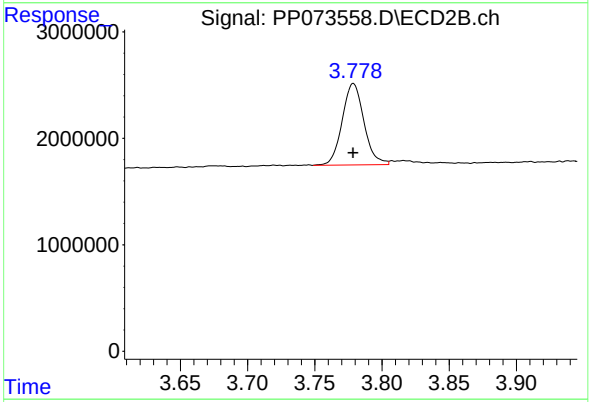
#1 Tetrachloro-m-xylene

R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 6400868
Conc: 4.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

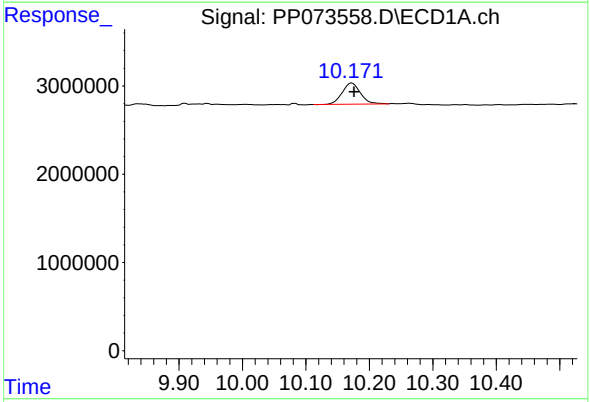
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



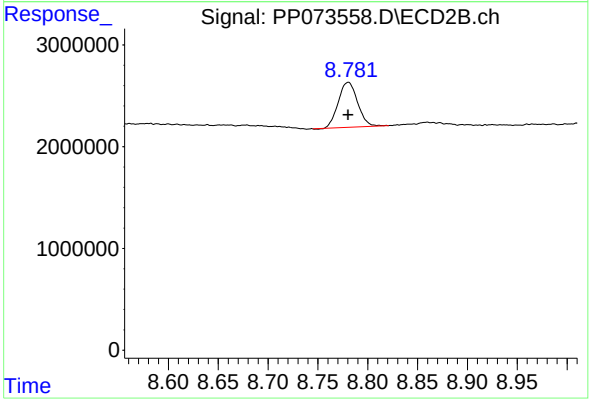
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 8634125
Conc: 4.61 ng/ml



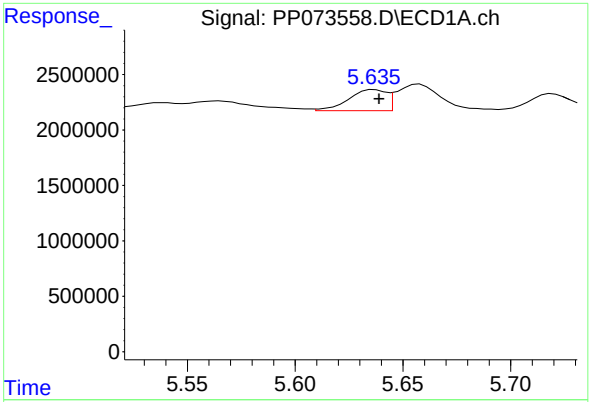
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: -0.004 min
Response: 4780120
Conc: 4.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 5986472
Conc: 4.52 ng/ml



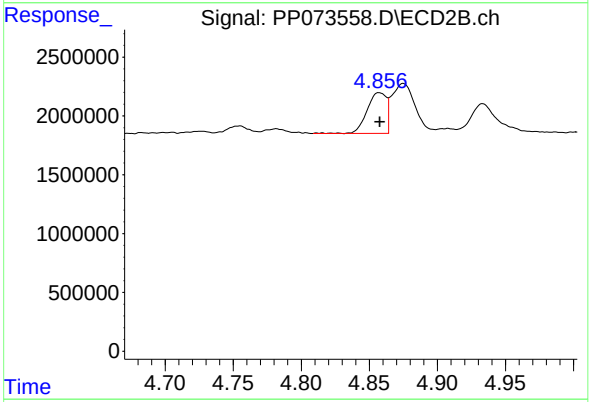
#3 AR-1016-1

R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 2592361
Conc: 54.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

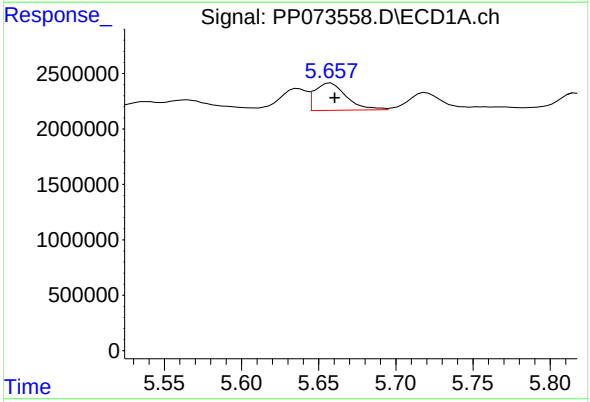
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



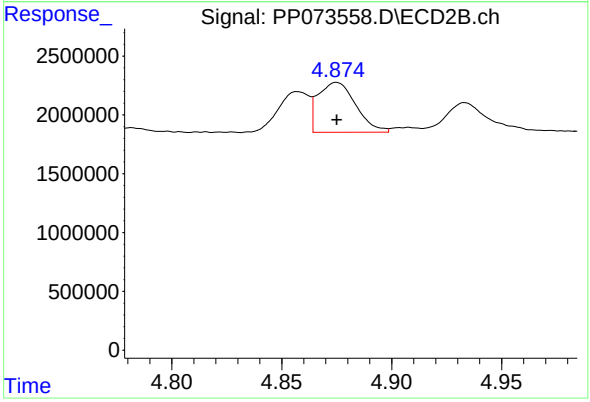
#3 AR-1016-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3433572
Conc: 50.11 ng/ml



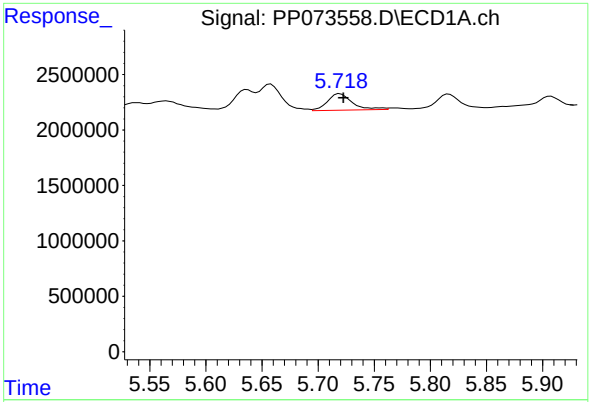
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 3532445
Conc: 49.03 ng/ml



#4 AR-1016-2

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 5058097
Conc: 49.30 ng/ml



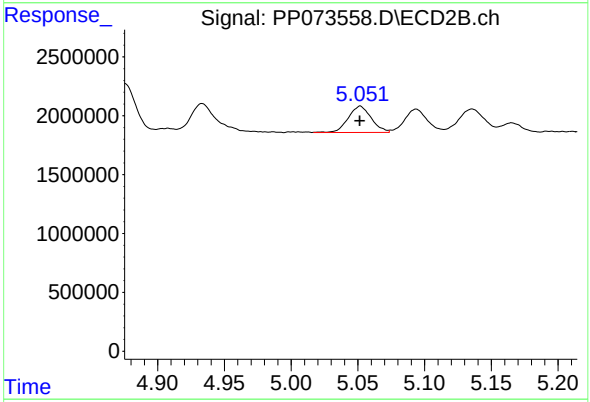
#5 AR-1016-3

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 2287754
Conc: 51.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

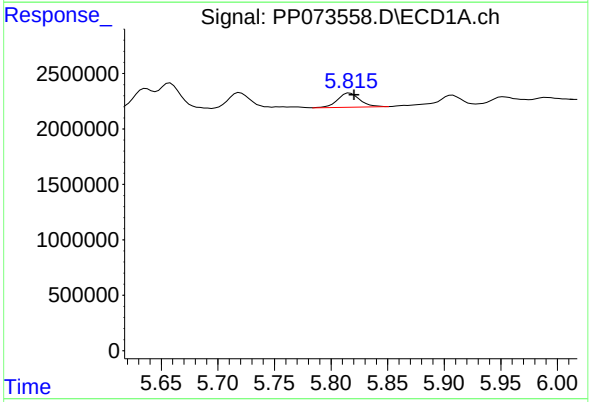
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



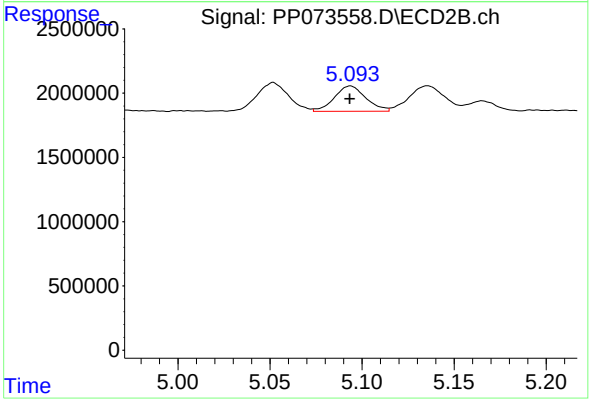
#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 2711653
Conc: 49.44 ng/ml



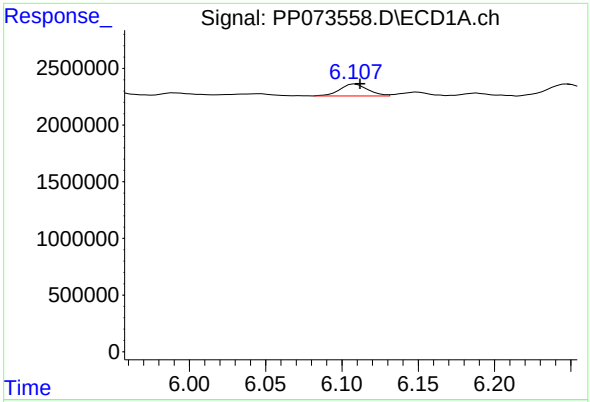
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.004 min
Response: 1779663
Conc: 48.64 ng/ml



#6 AR-1016-4

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 2333668
Conc: 53.16 ng/ml



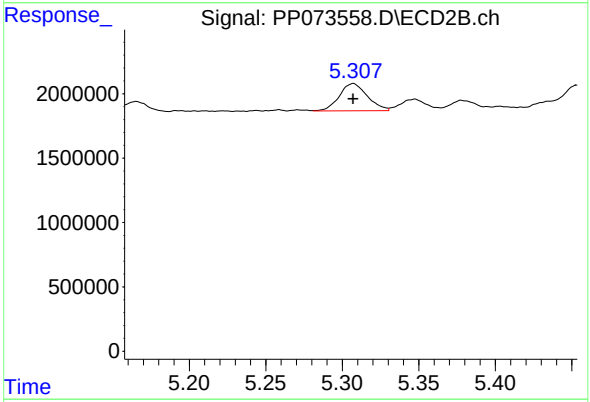
#7 AR-1016-5

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 1335478
Conc: 40.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

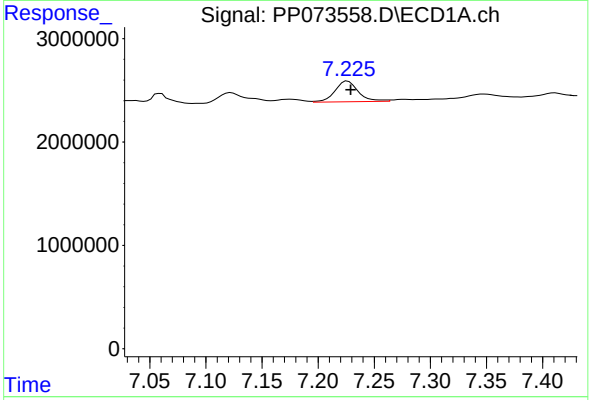
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



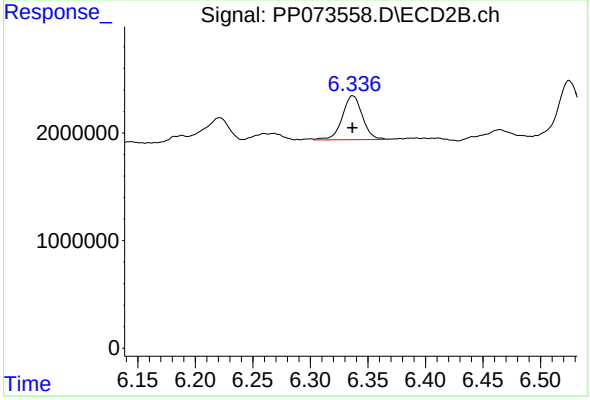
#7 AR-1016-5

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 2709671
Conc: 48.68 ng/ml



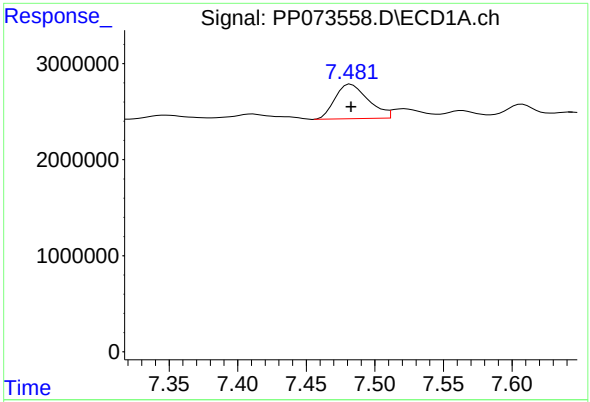
#31 AR-1260-1

R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 2914675
Conc: 48.85 ng/ml



#31 AR-1260-1

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 5013856
Conc: 50.41 ng/ml m



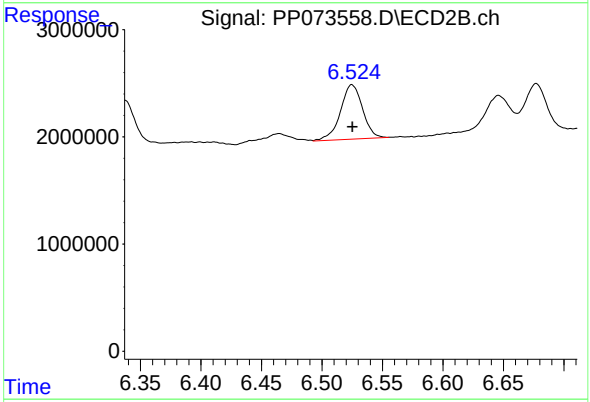
#32 AR-1260-2

R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 6085083
Conc: 67.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

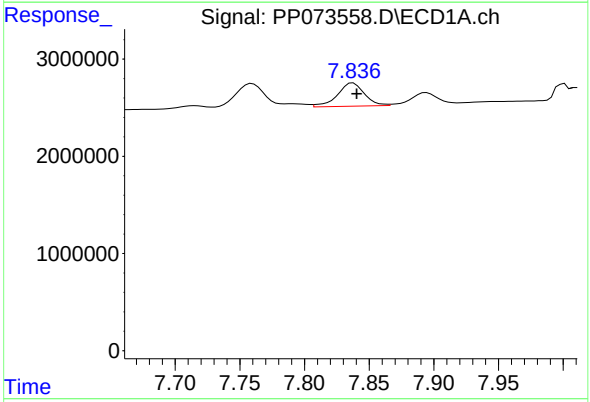
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



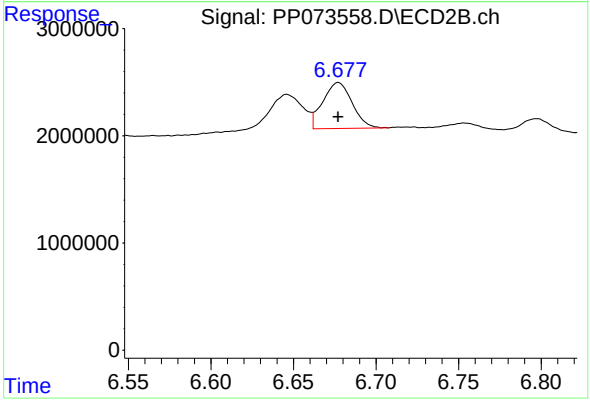
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 6438631
Conc: 51.92 ng/ml



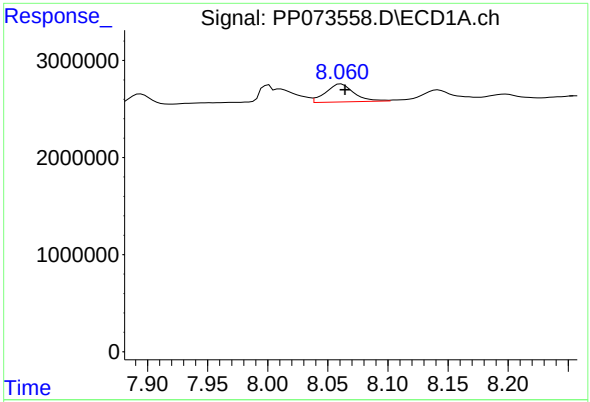
#33 AR-1260-3

R.T.: 7.838 min
Delta R.T.: -0.003 min
Response: 3450365
Conc: 46.20 ng/ml



#33 AR-1260-3

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 5301254
Conc: 47.21 ng/ml



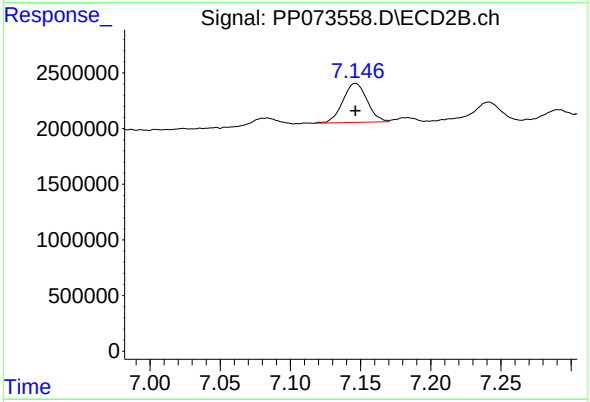
#34 AR-1260-4

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 3038521
Conc: 45.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

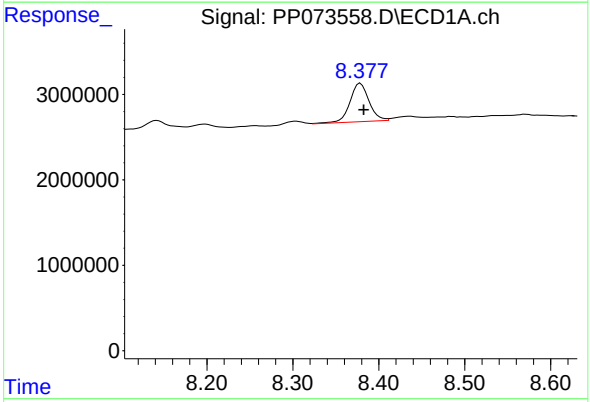
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



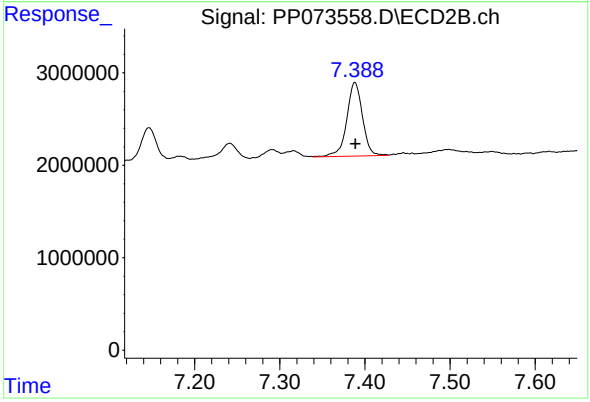
#34 AR-1260-4

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 4249208
Conc: 46.01 ng/ml m



#35 AR-1260-5

R.T.: 8.379 min
Delta R.T.: -0.004 min
Response: 6955237
Conc: 44.90 ng/ml



#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: -0.001 min
Response: 10235896
Conc: 44.08 ng/ml m

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:24
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: Jul 08 01:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:53:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.779	71300233	92532894	50.000	50.000
2)	SA Decachlor...	10.176	8.782	56752030	68180160	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.690	3.988	8933218	13522466	500.000	500.000
9)	L2 AR-1221-2	4.776	4.075	6752235	10180159	500.000	500.000
10)	L2 AR-1221-3	4.851	4.150	20802411	30724321	500.000	500.000

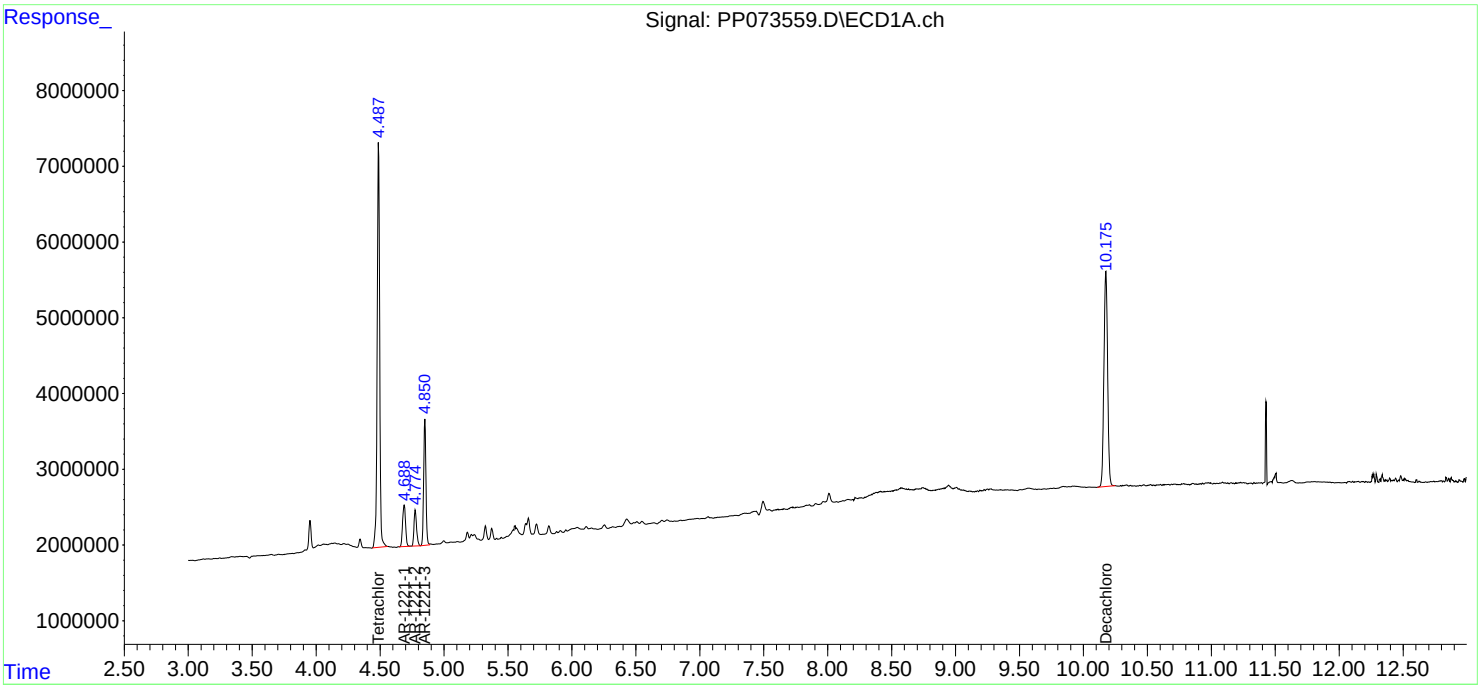
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

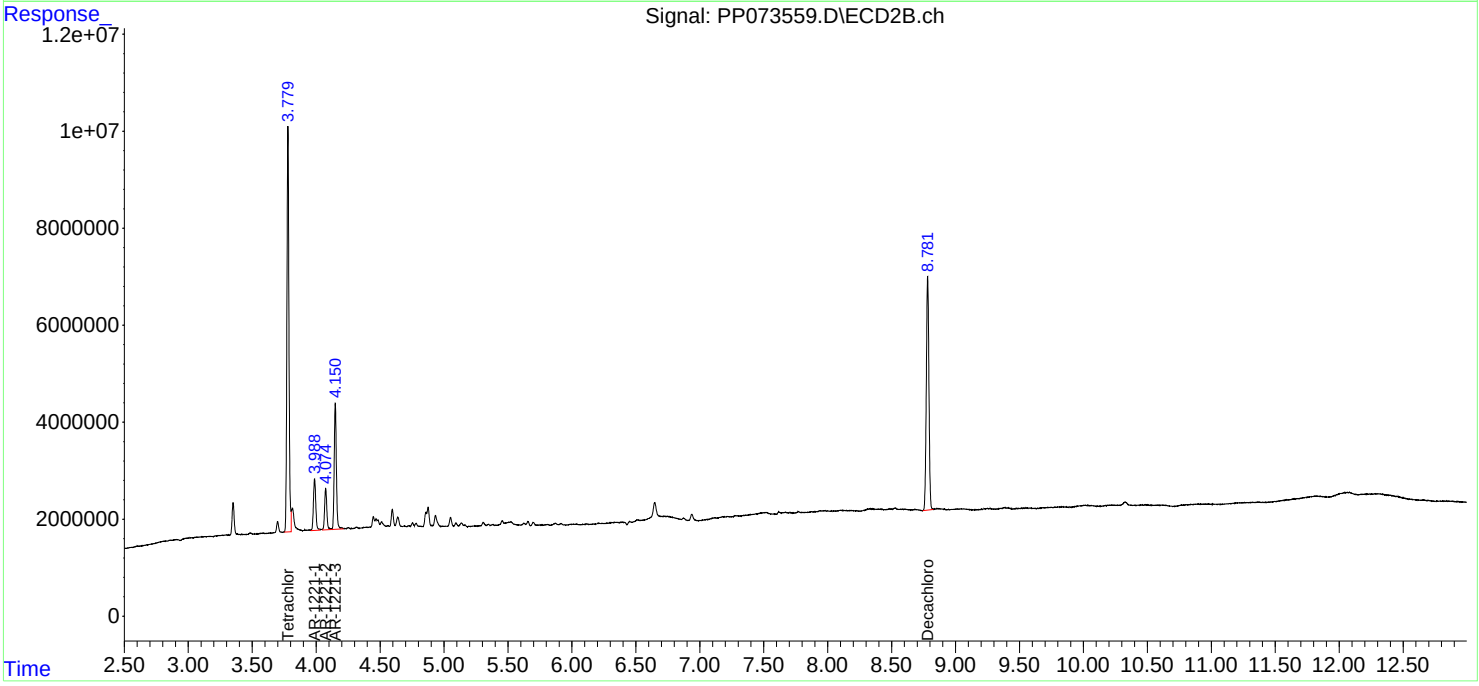
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:24
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

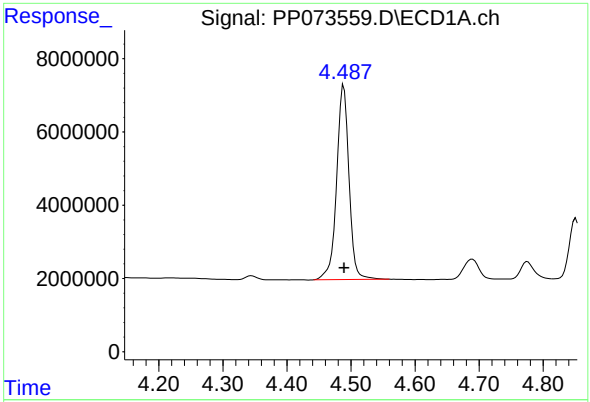
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:53:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



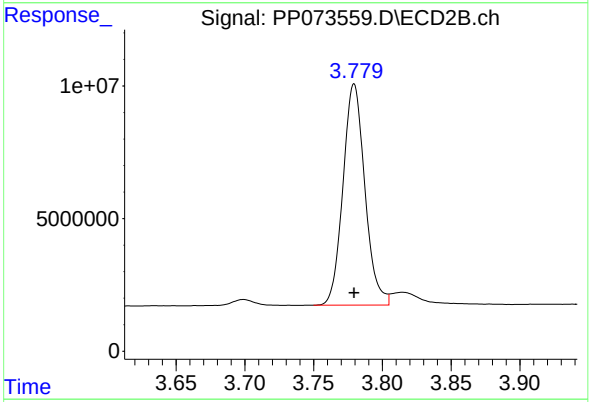




#1 Tetrachloro-m-xylene

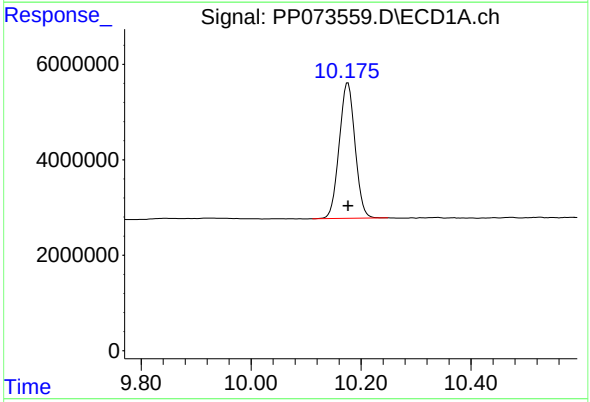
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 71300233
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



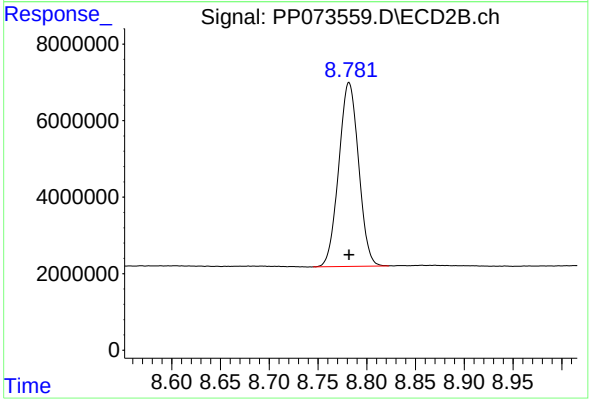
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 92532894
Conc: 50.00 ng/ml



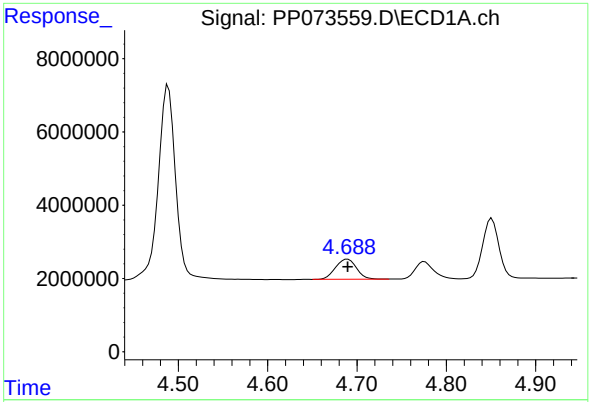
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 56752030
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

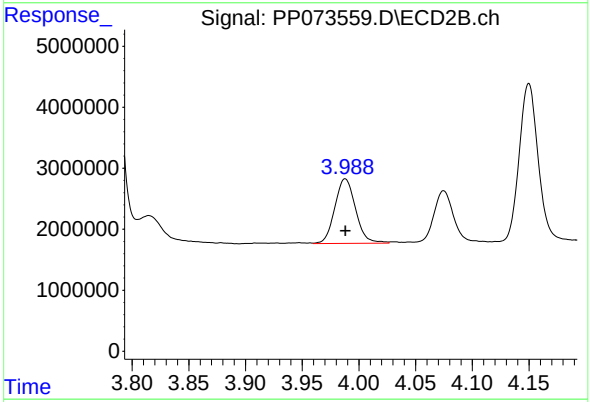
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 68180160
Conc: 50.00 ng/ml



#8 AR-1221-1

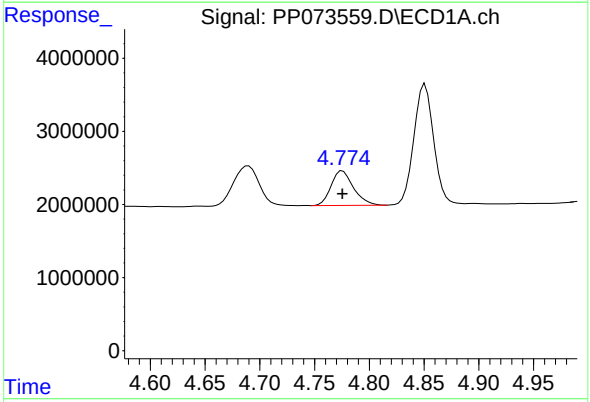
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 8933218
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



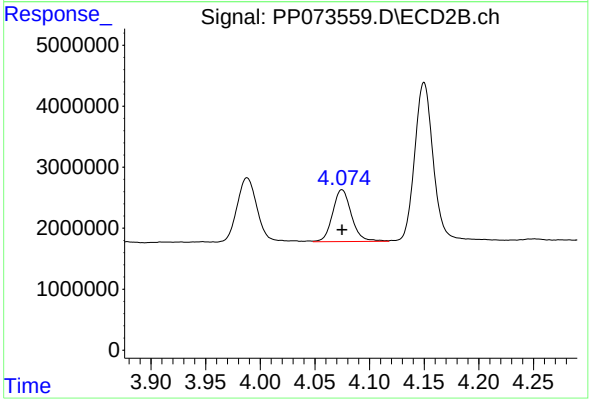
#8 AR-1221-1

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 13522466
Conc: 500.00 ng/ml



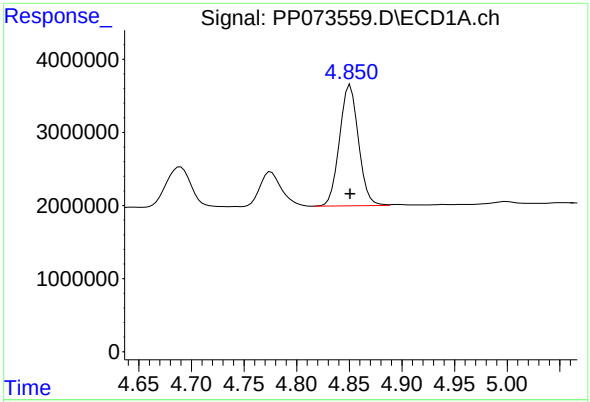
#9 AR-1221-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 6752235
Conc: 500.00 ng/ml



#9 AR-1221-2

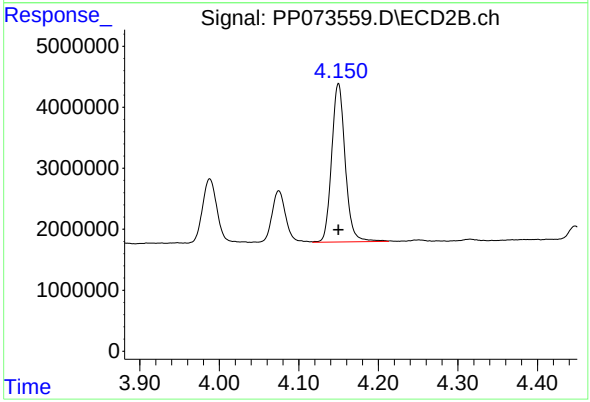
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 10180159
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 20802411
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.150 min
Delta R.T.: 0.000 min
Response: 30724321
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:41
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: Jul 08 01:58:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.488	3.779	69747801	89329746	50.000	50.000
2)	SA Decachlor...	10.175	8.781	55031795	64481917	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.850	4.149	16325352	23307175	500.000	500.000
12)	L3 AR-1232-2	5.374	4.875	8127340	23829904	500.000	500.000
13)	L3 AR-1232-3	5.660	5.052	16496729	12514513	500.000	500.000
14)	L3 AR-1232-4	5.820	5.137	8222579	10828145	500.000	500.000
15)	L3 AR-1232-5	5.909	5.308	5285179	11281724	500.000	500.000

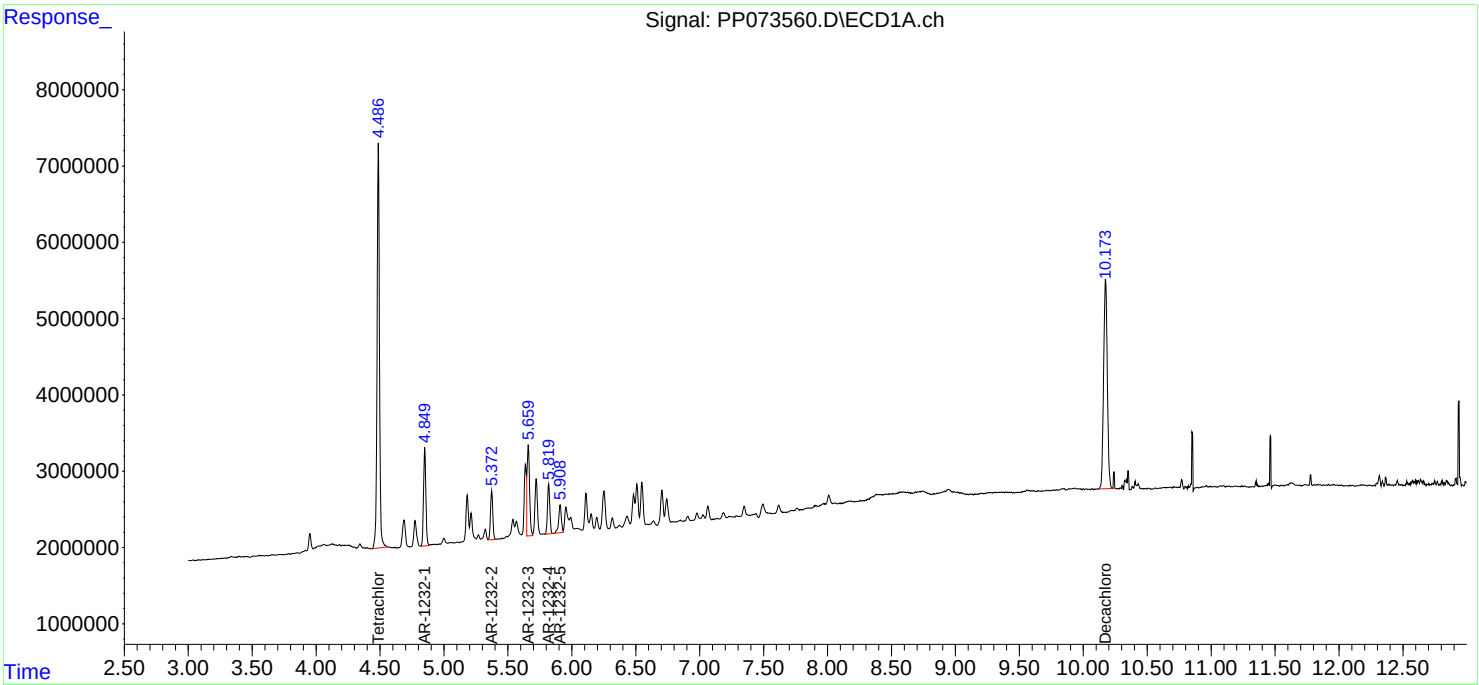
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

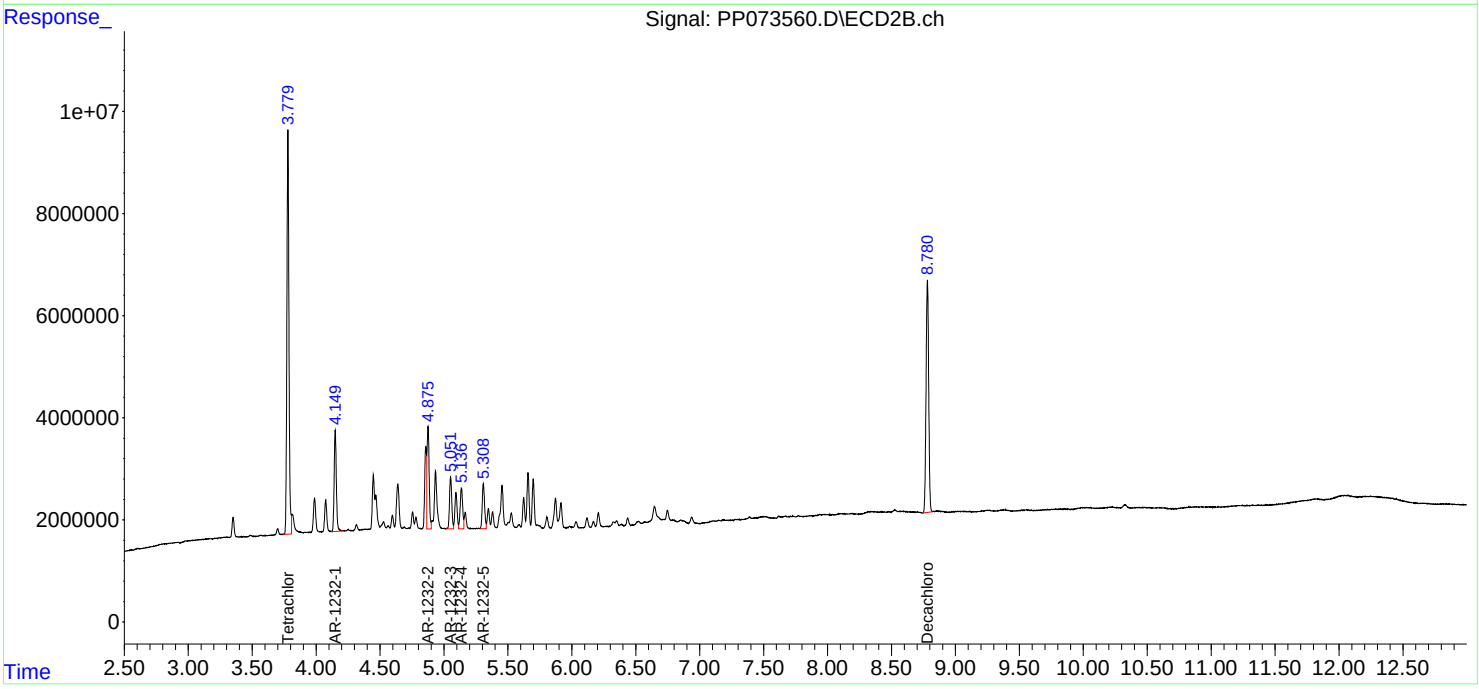
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:41
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

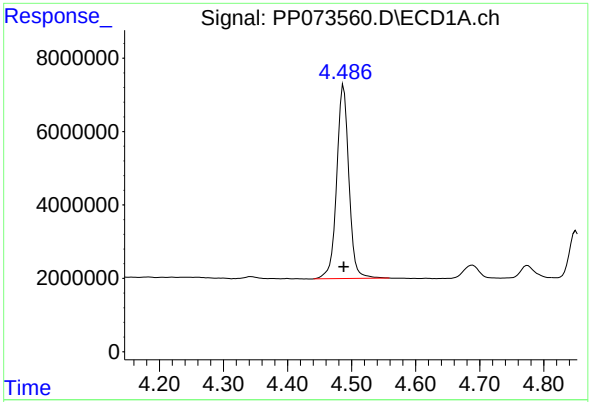
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:58:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:58:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



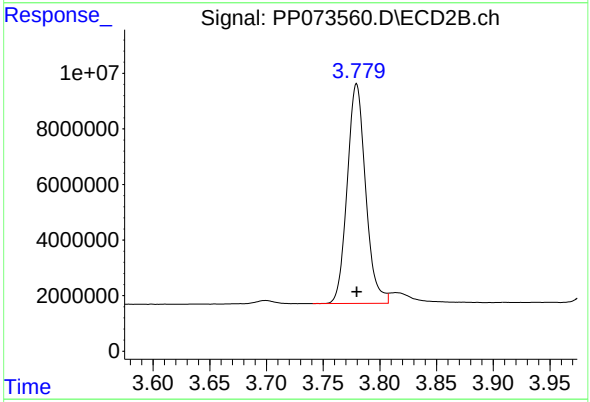




#1 Tetrachloro-m-xylene

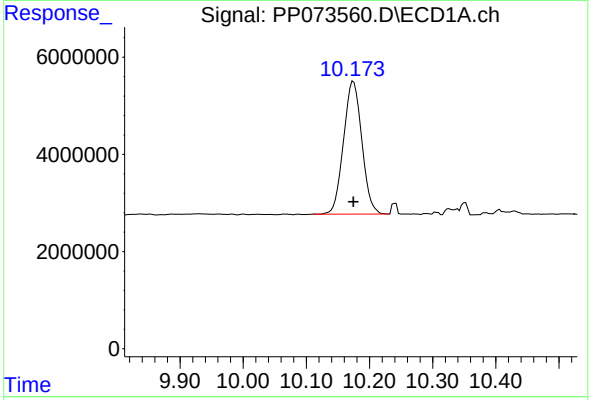
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 69747801
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



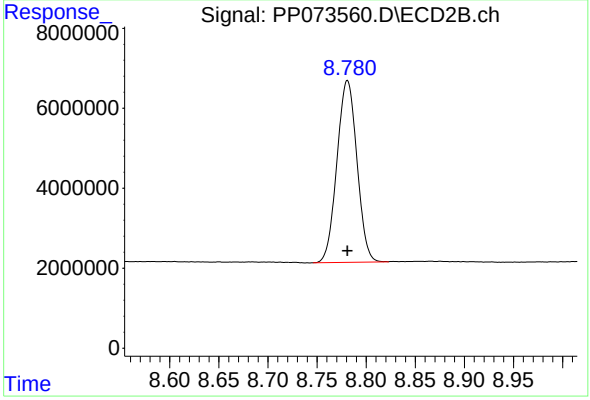
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 89329746
Conc: 50.00 ng/ml



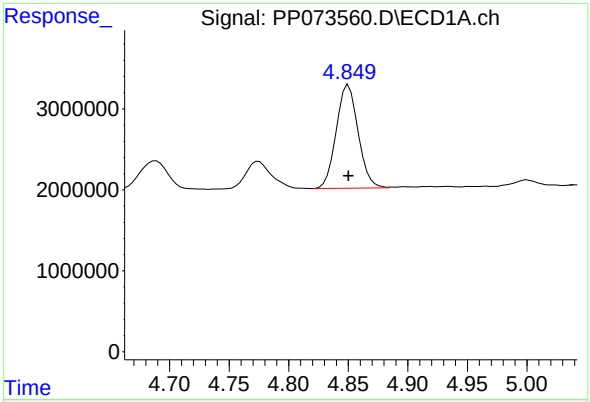
#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: 0.000 min
Response: 55031795
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

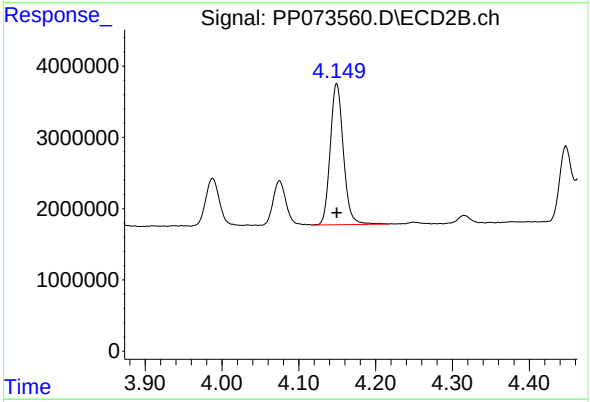
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 64481917
Conc: 50.00 ng/ml



#11 AR-1232-1

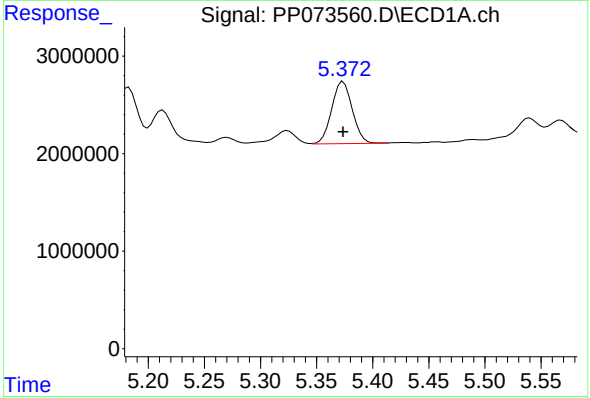
R.T.: 4.850 min
Delta R.T.: 0.000 min
Response: 16325352
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



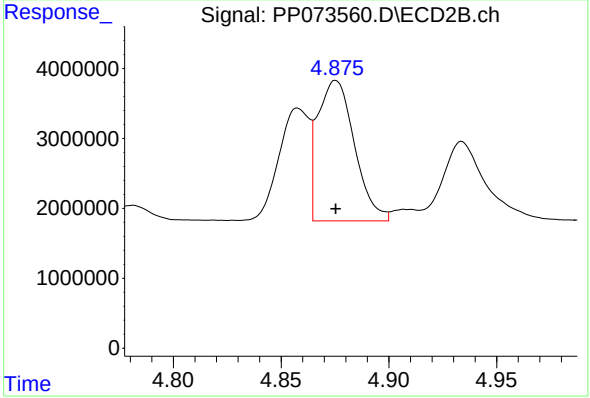
#11 AR-1232-1

R.T.: 4.149 min
Delta R.T.: 0.000 min
Response: 23307175
Conc: 500.00 ng/ml



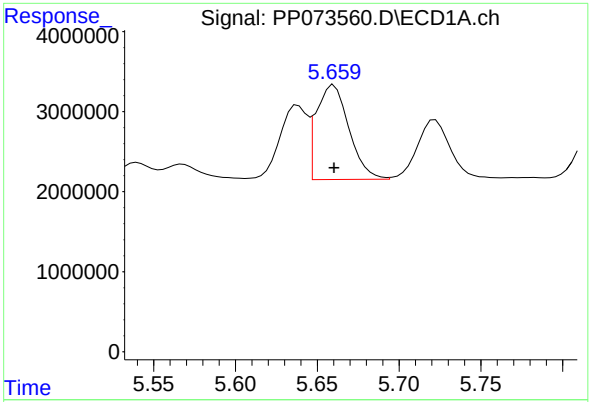
#12 AR-1232-2

R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 8127340
Conc: 500.00 ng/ml



#12 AR-1232-2

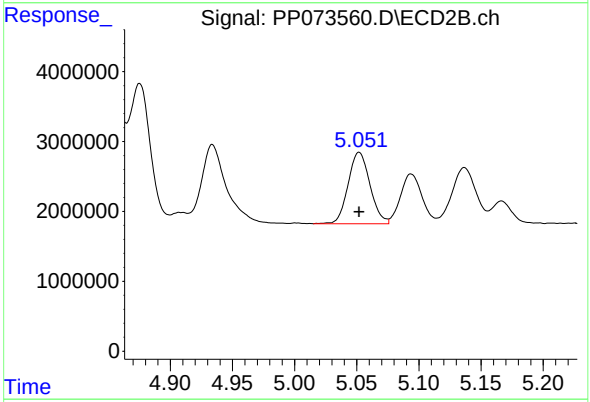
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 23829904
Conc: 500.00 ng/ml



#13 AR-1232-3

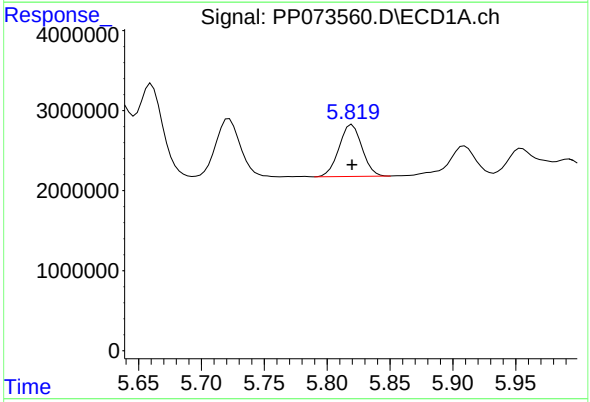
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 16496729
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



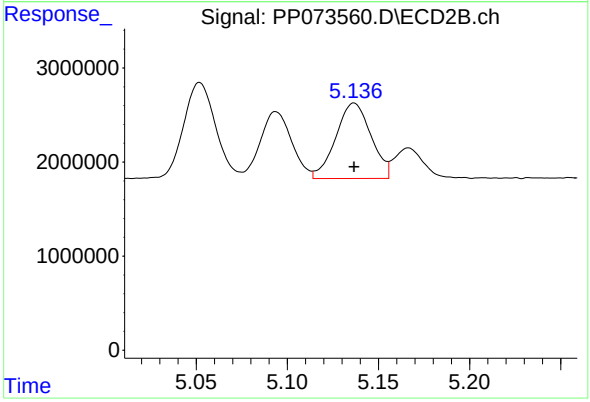
#13 AR-1232-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 12514513
Conc: 500.00 ng/ml



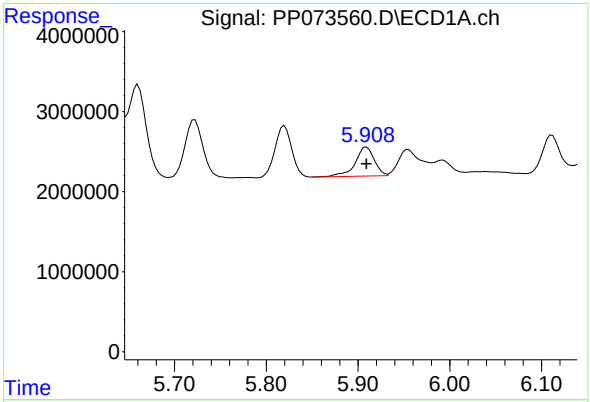
#14 AR-1232-4

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 8222579
Conc: 500.00 ng/ml



#14 AR-1232-4

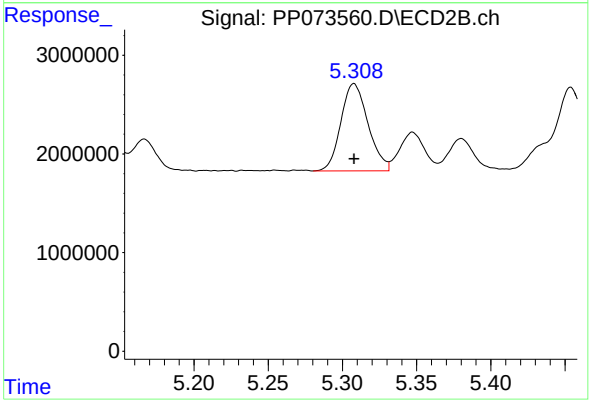
R.T.: 5.137 min
Delta R.T.: 0.000 min
Response: 10828145
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.909 min
Delta R.T.: 0.000 min
Response: 5285179
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 11281724
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:57
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: Jul 08 02:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.779	133.6E6	178.7E6	93.639	94.390
2)	SA Decachlor...	10.177	8.779	109.6E6	130.7E6	95.735	96.573
	Target Compounds						
16)	L4 AR-1242-1	5.639	4.857	37824570	53636877	927.891	888.918
17)	L4 AR-1242-2	5.661	4.874	59433539	81745742	941.383	919.241
18)	L4 AR-1242-3	5.723	5.051	35307728	43191003	927.513	907.757
19)	L4 AR-1242-4	5.820	5.135	29431539	40719317	927.311	902.527
20)	L4 AR-1242-5	6.549	5.656	31742412	53173633	951.704	931.769

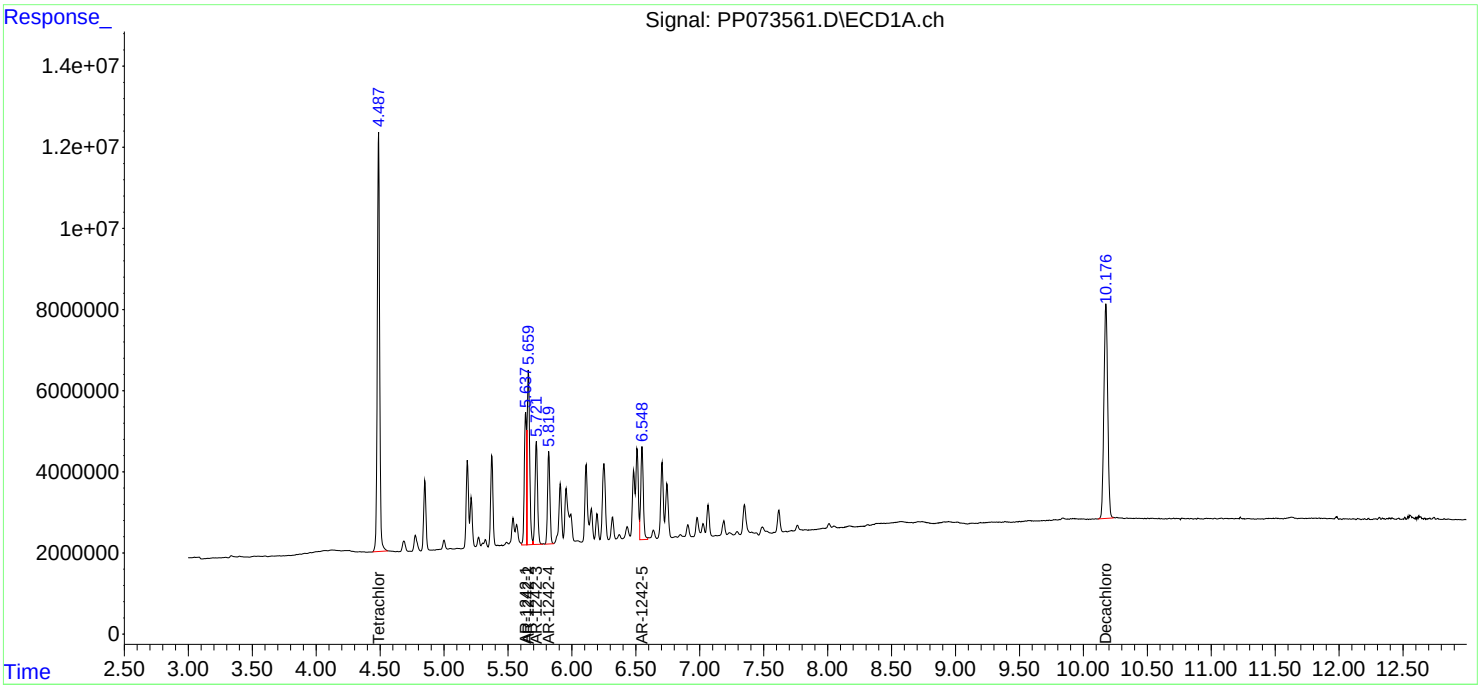
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

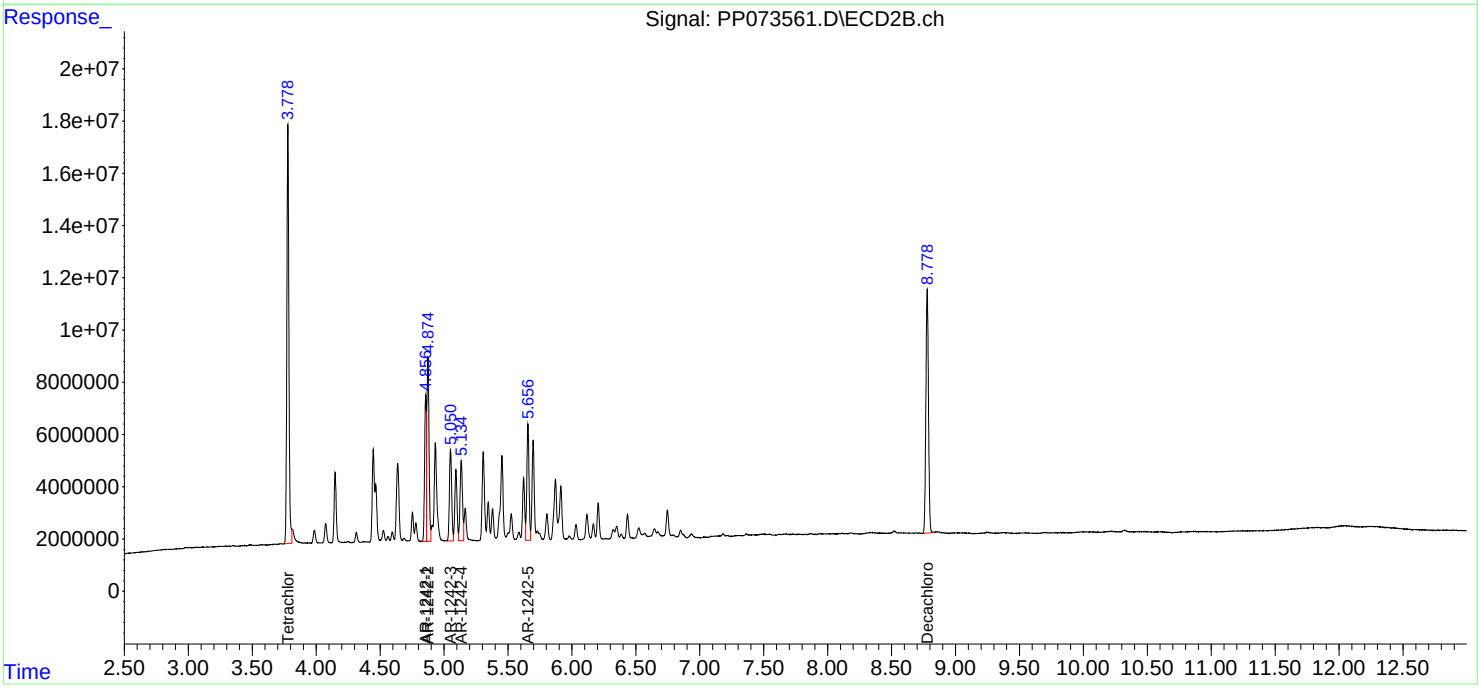
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:57
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

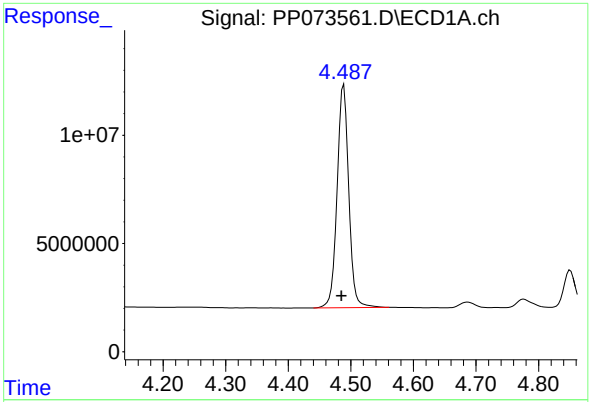
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



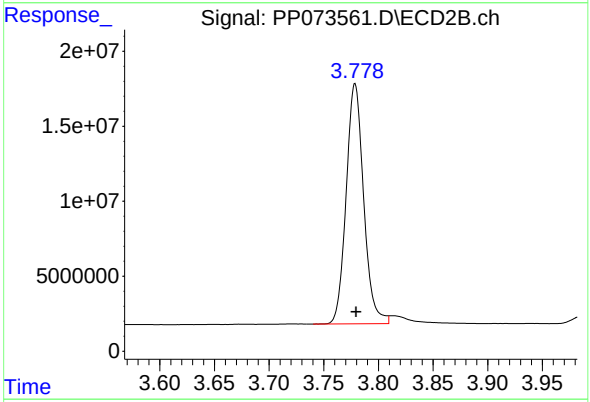




#1 Tetrachloro-m-xylene

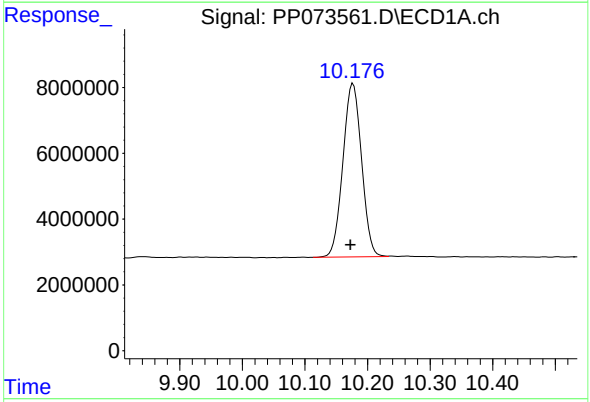
R.T.: 4.489 min
Delta R.T.: 0.004 min
Response: 133642467
Conc: 93.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



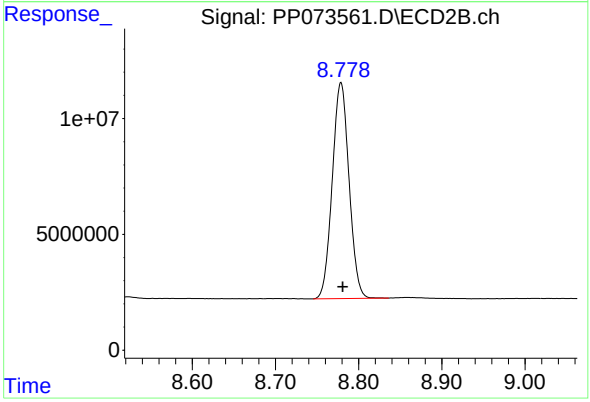
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 178724092
Conc: 94.39 ng/ml



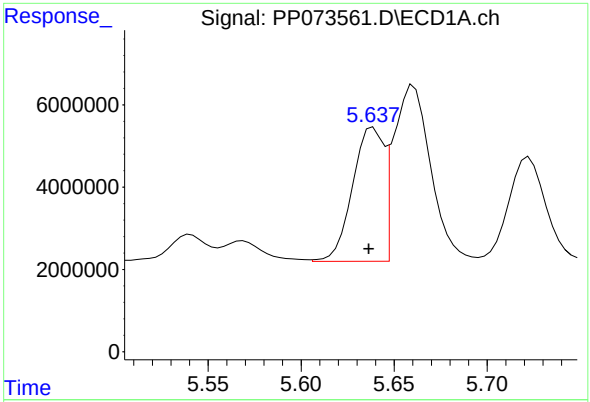
#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: 0.004 min
Response: 109570314
Conc: 95.73 ng/ml



#2 Decachlorobiphenyl

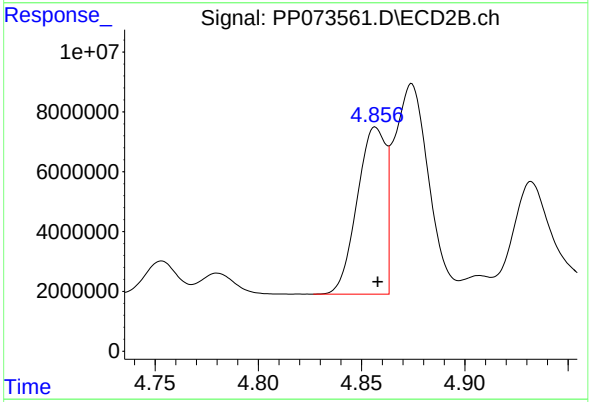
R.T.: 8.779 min
Delta R.T.: -0.002 min
Response: 130664248
Conc: 96.57 ng/ml



#16 AR-1242-1

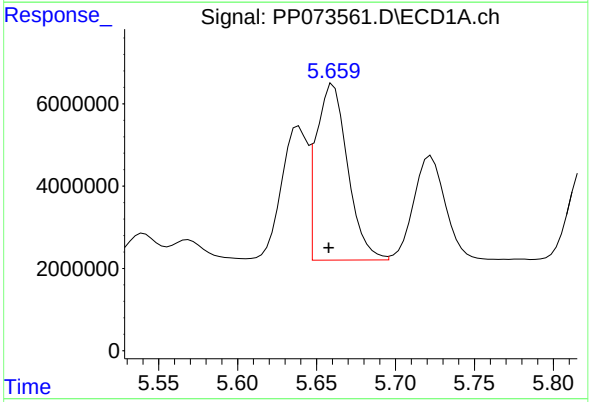
R.T.: 5.639 min
Delta R.T.: 0.003 min
Response: 37824570
Conc: 927.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



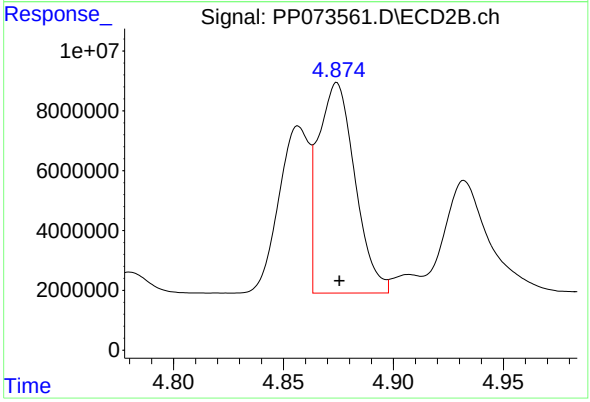
#16 AR-1242-1

R.T.: 4.857 min
Delta R.T.: -0.001 min
Response: 53636877
Conc: 888.92 ng/ml



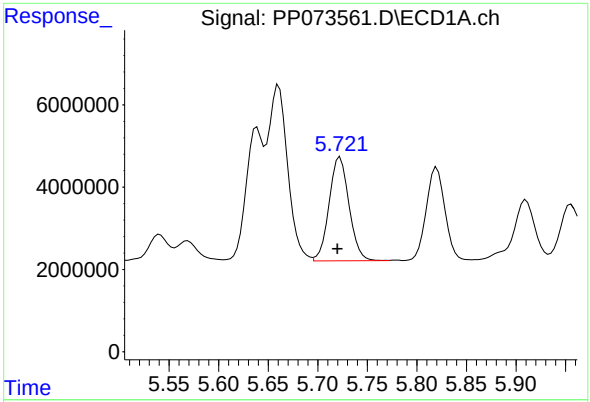
#17 AR-1242-2

R.T.: 5.661 min
Delta R.T.: 0.003 min
Response: 59433539
Conc: 941.38 ng/ml



#17 AR-1242-2

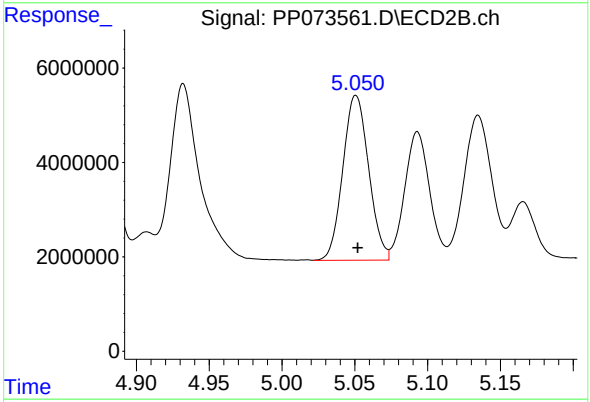
R.T.: 4.874 min
Delta R.T.: -0.001 min
Response: 81745742
Conc: 919.24 ng/ml



#18 AR-1242-3

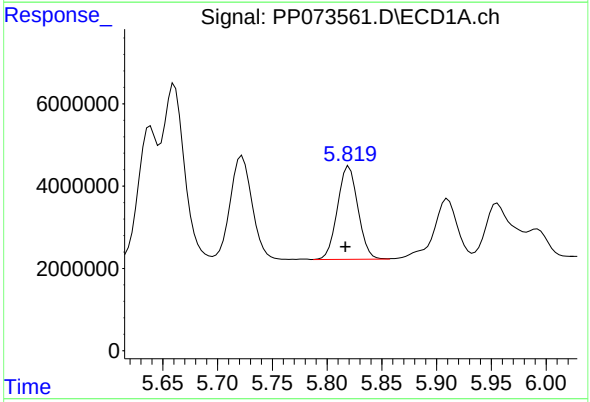
R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 35307728
Conc: 927.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



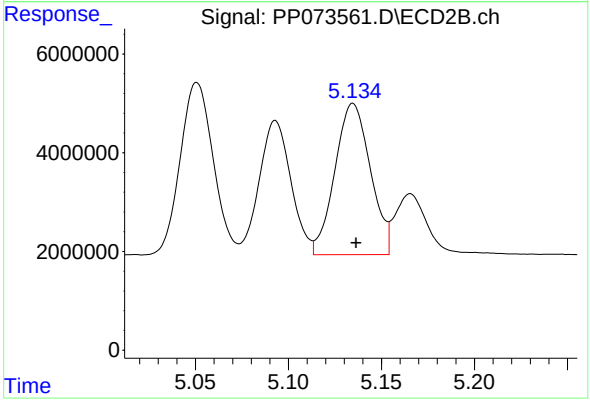
#18 AR-1242-3

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 43191003
Conc: 907.76 ng/ml



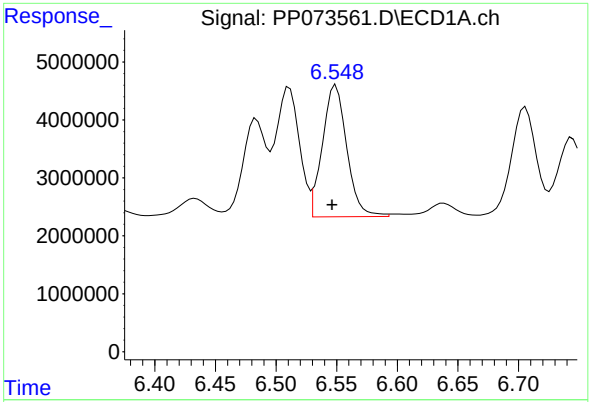
#19 AR-1242-4

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 29431539
Conc: 927.31 ng/ml



#19 AR-1242-4

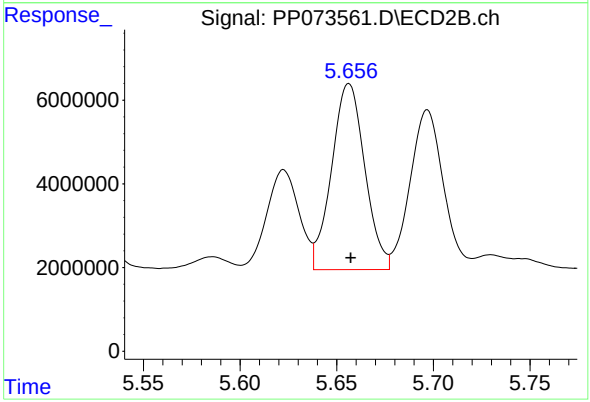
R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 40719317
Conc: 902.53 ng/ml



#20 AR-1242-5

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 31742412
Conc: 951.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 53173633
Conc: 931.77 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:14
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: Jul 08 02:04:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.487	3.779	101.2E6	134.0E6	70.925	70.781
2)	SA Decachlor...	10.176	8.781	83819765	102.7E6	73.236	75.941
	Target Compounds						
16)	L4 AR-1242-1	5.637	4.858	28898659	42483367	708.926	704.072
17)	L4 AR-1242-2	5.660	4.875	44240913	61742767	700.743	694.305
18)	L4 AR-1242-3	5.721	5.051	26874126	33146056	705.967	696.639
19)	L4 AR-1242-4	5.819	5.135	22658657	31400295	713.915	695.975
20)	L4 AR-1242-5	6.548	5.657	23721271	40207089	711.214	704.555

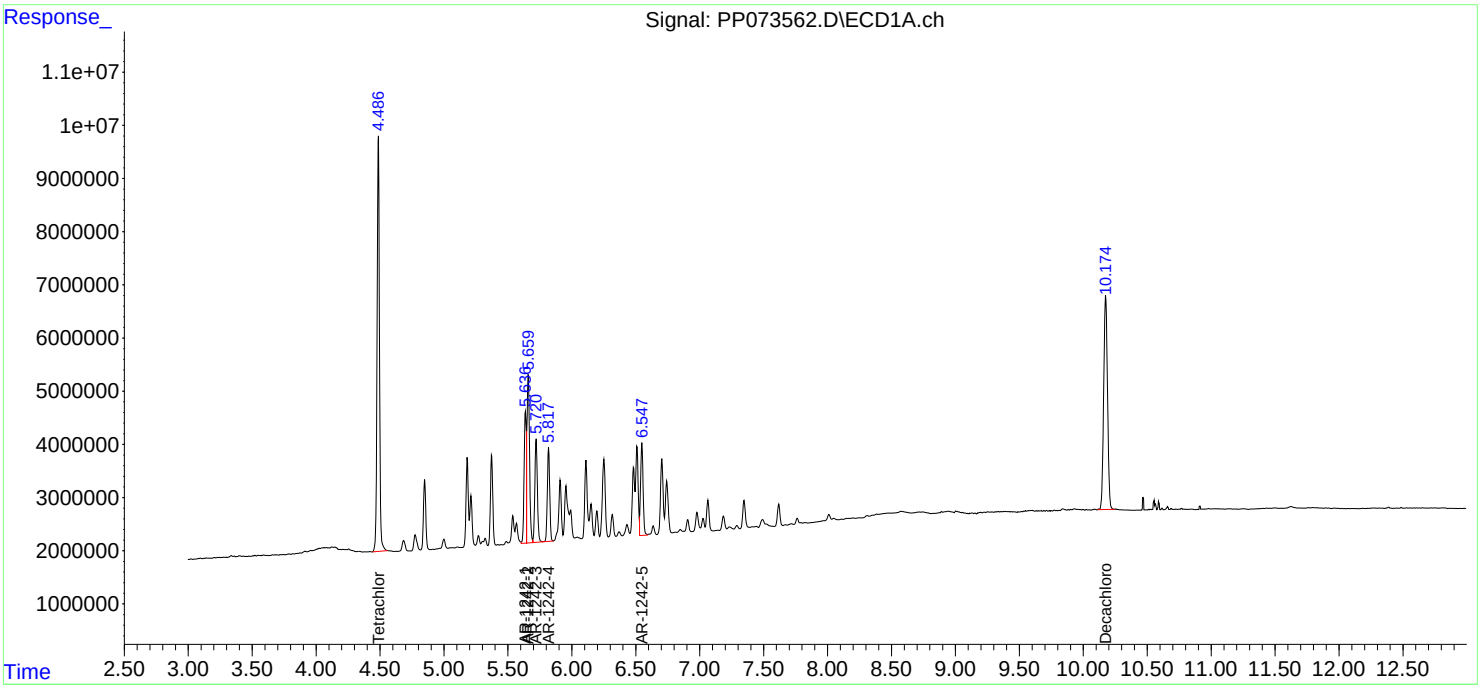
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

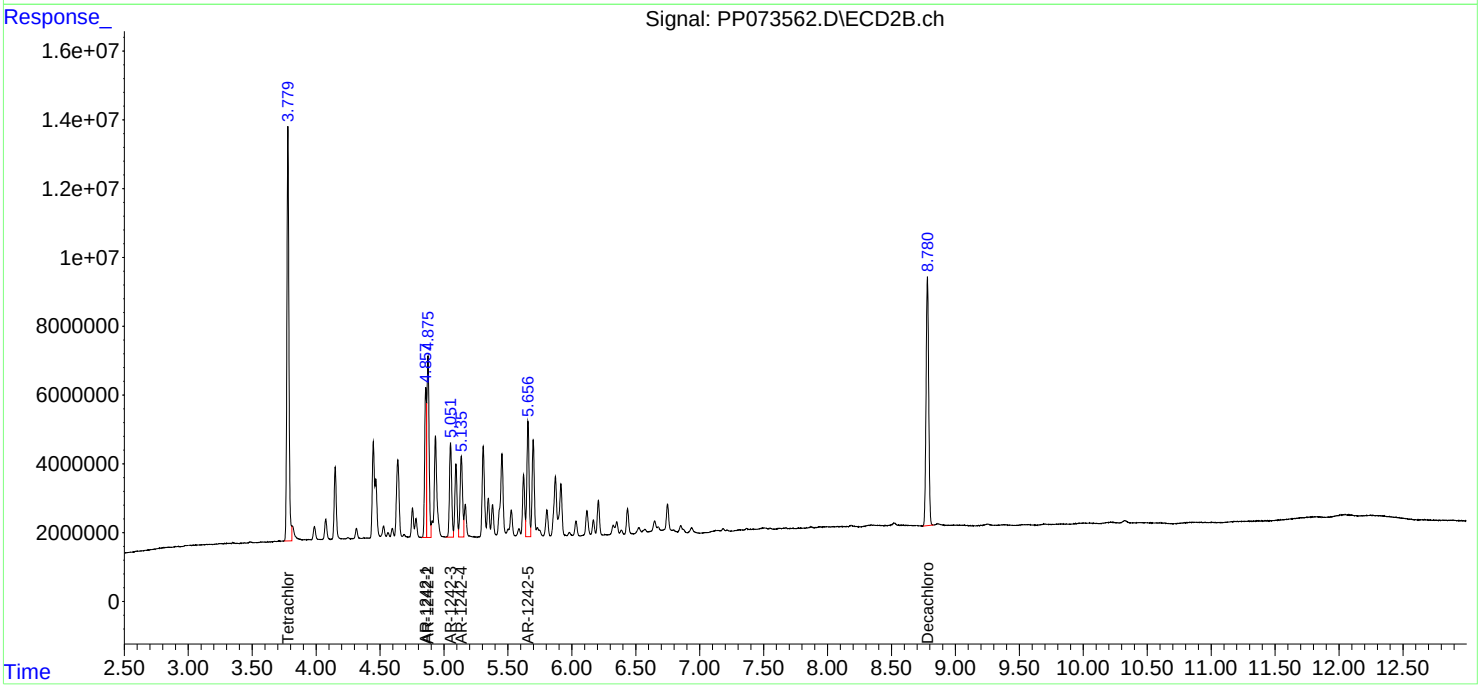
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:14
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

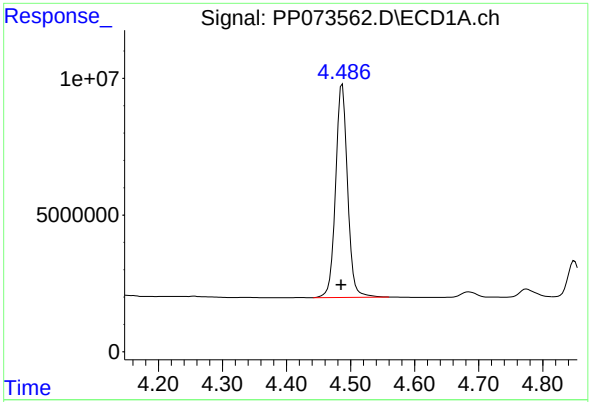
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:04:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



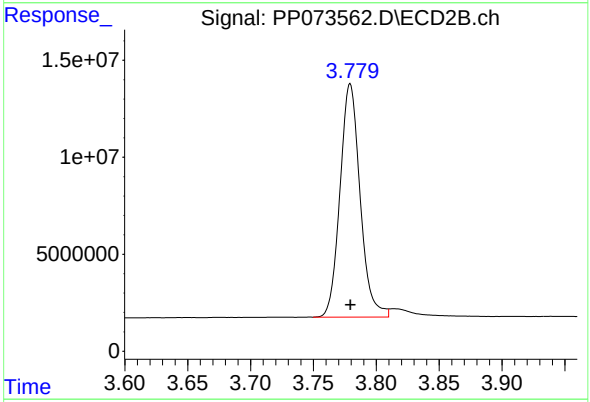




#1 Tetrachloro-m-xylene

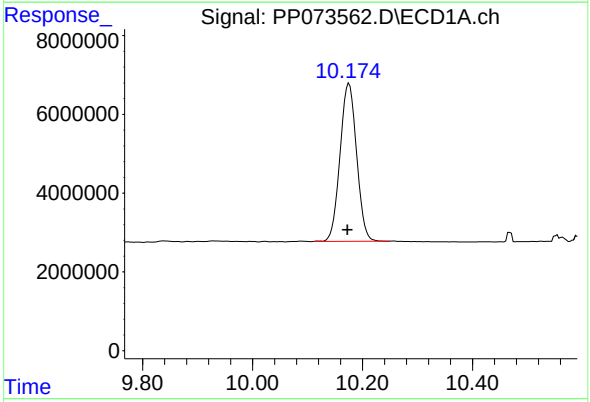
R.T.: 4.487 min
Delta R.T.: 0.002 min
Response: 101224890
Conc: 70.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



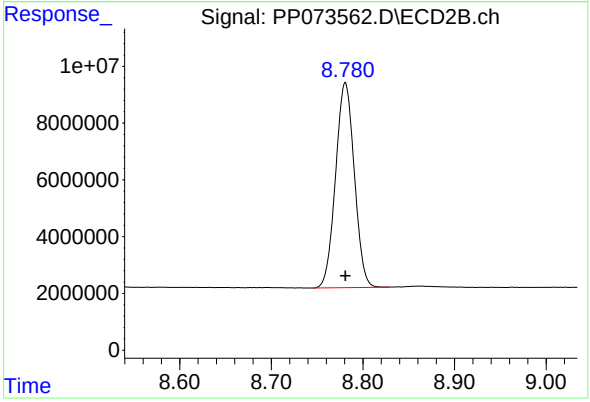
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 134020280
Conc: 70.78 ng/ml



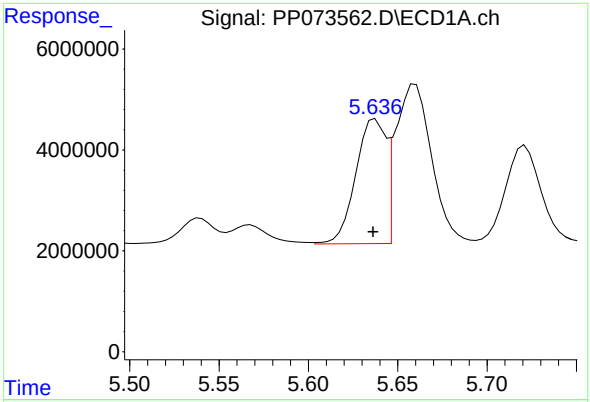
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.003 min
Response: 83819765
Conc: 73.24 ng/ml



#2 Decachlorobiphenyl

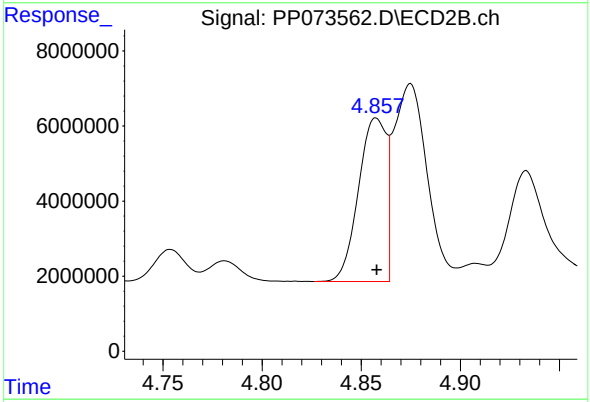
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 102748919
Conc: 75.94 ng/ml



#16 AR-1242-1

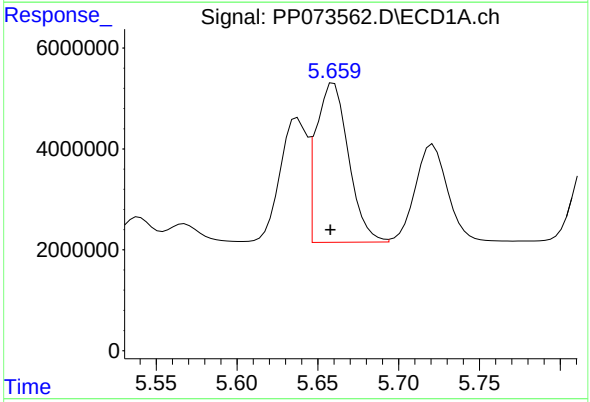
R.T.: 5.637 min
Delta R.T.: 0.001 min
Response: 28898659
Conc: 708.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



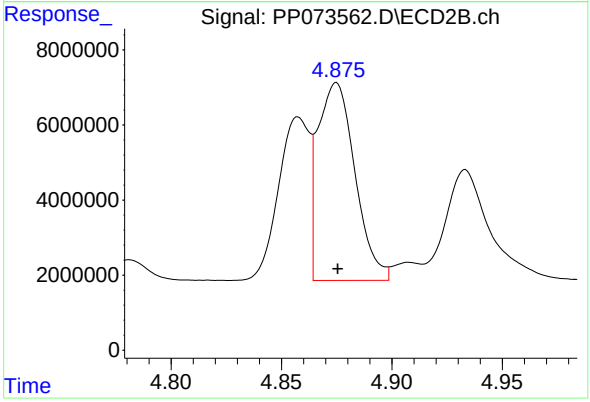
#16 AR-1242-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 42483367
Conc: 704.07 ng/ml



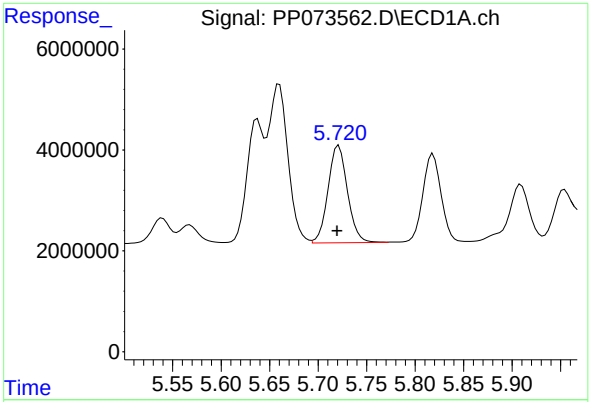
#17 AR-1242-2

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 44240913
Conc: 700.74 ng/ml



#17 AR-1242-2

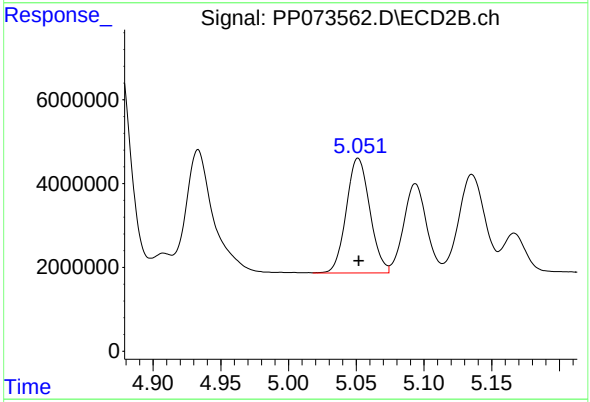
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 61742767
Conc: 694.31 ng/ml



#18 AR-1242-3

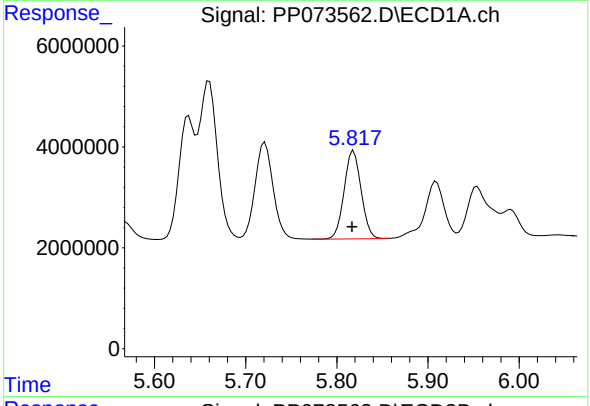
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 26874126
Conc: 705.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



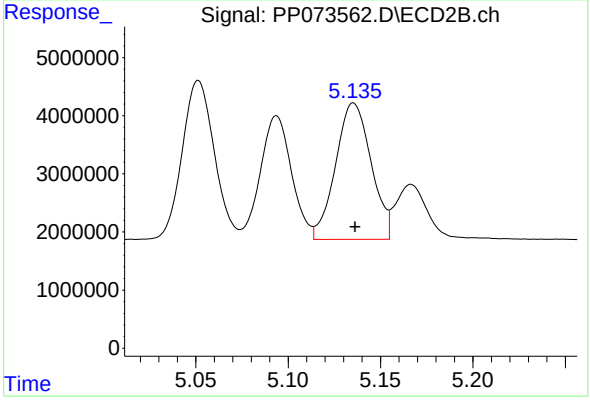
#18 AR-1242-3

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 33146056
Conc: 696.64 ng/ml



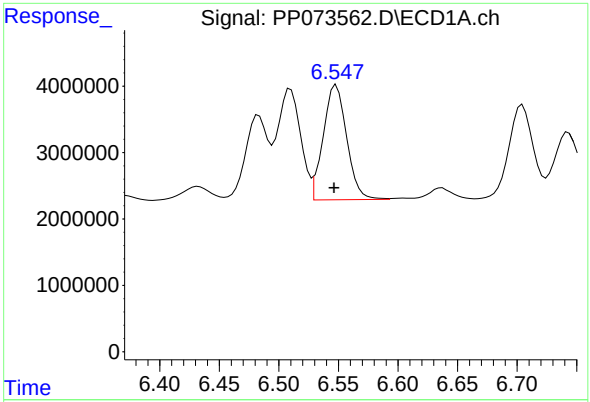
#19 AR-1242-4

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 22658657
Conc: 713.91 ng/ml



#19 AR-1242-4

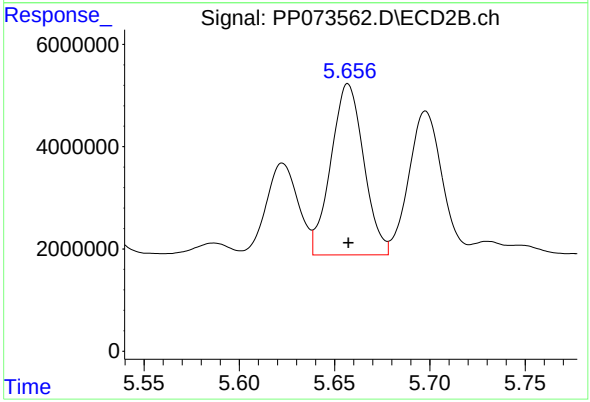
R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 31400295
Conc: 695.97 ng/ml



#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 23721271
Conc: 711.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 40207089
Conc: 704.55 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:30
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: Jul 08 02:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.779	71360618	94672779	50.000	50.000
2)	SA Decachlor...	10.173	8.781	57225953	67650592	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.636	4.858	20382014	30169740	500.000	500.000
17)	L4 AR-1242-2	5.658	4.875	31567127	44463701	500.000	500.000
18)	L4 AR-1242-3	5.720	5.052	19033543	23789965	500.000	500.000
19)	L4 AR-1242-4	5.817	5.136	15869296	22558507	500.000	500.000
20)	L4 AR-1242-5	6.546	5.657	16676614	28533697	500.000	500.000

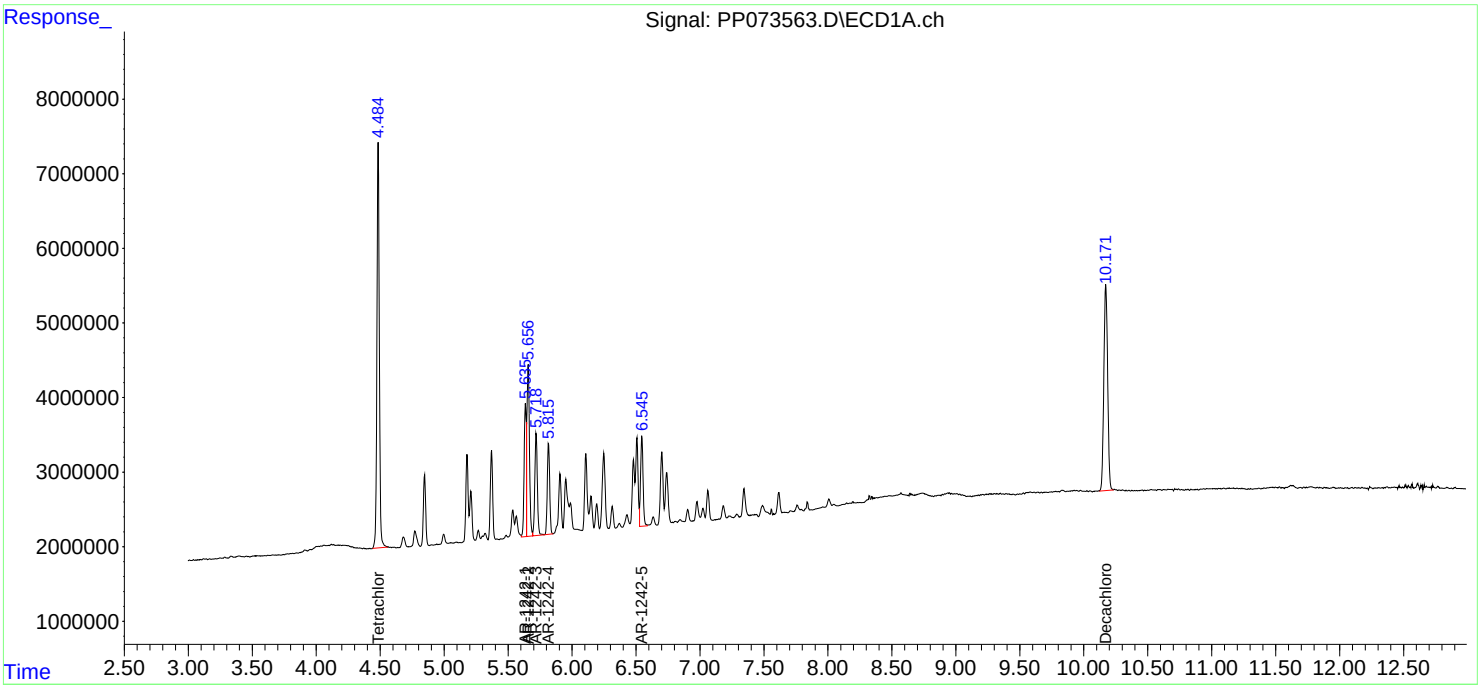
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

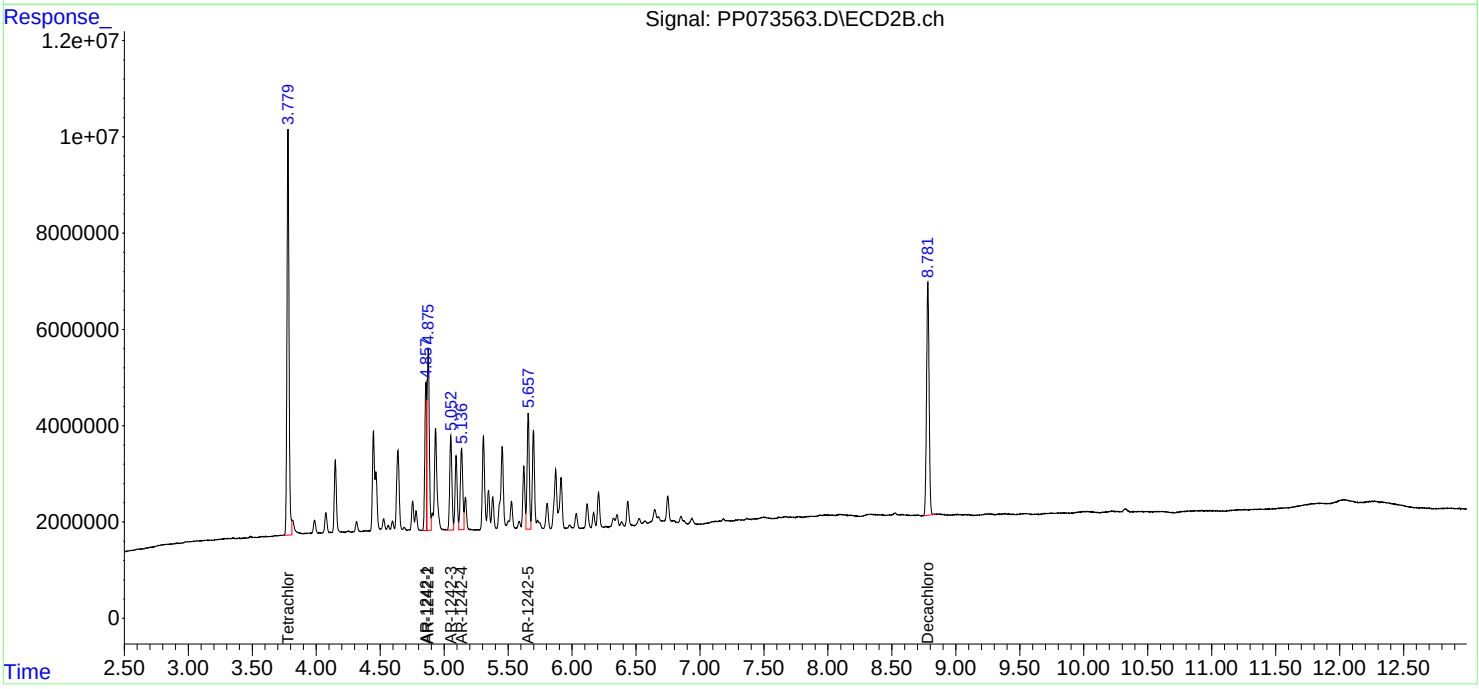
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:30
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

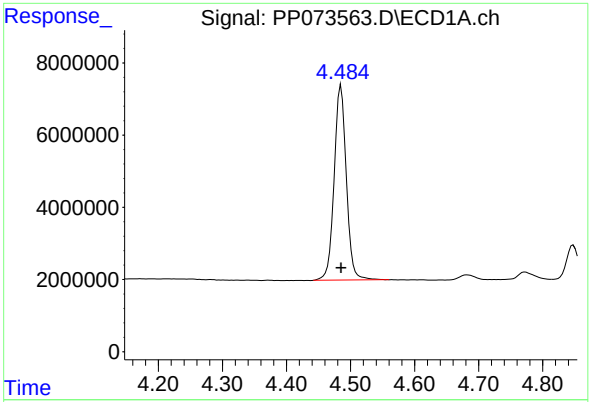
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



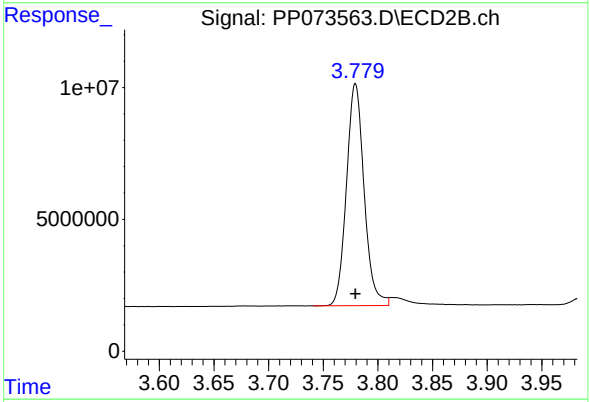




#1 Tetrachloro-m-xylene

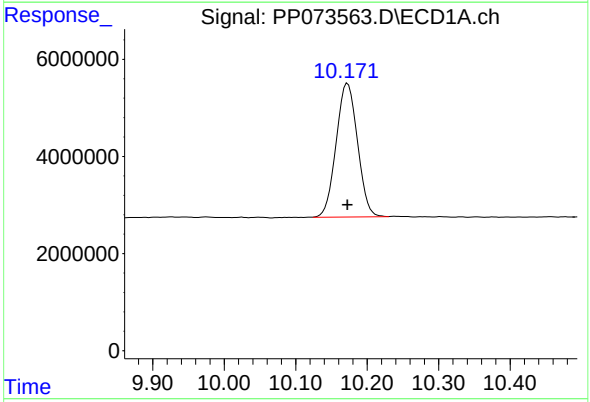
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 71360618
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



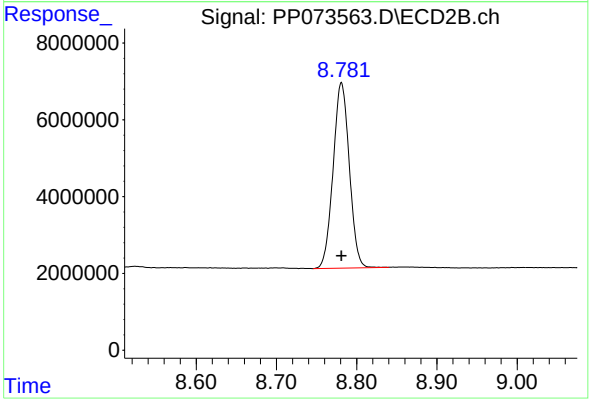
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 94672779
Conc: 50.00 ng/ml



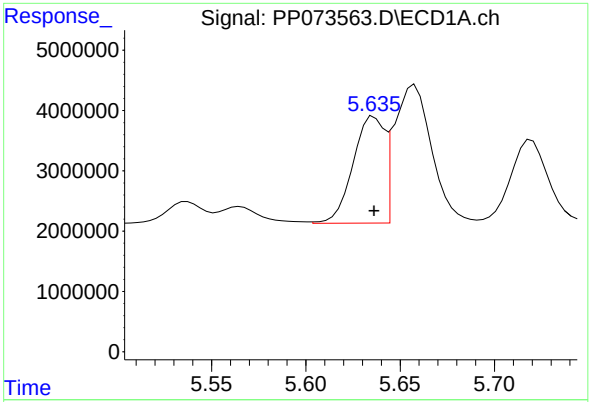
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 57225953
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

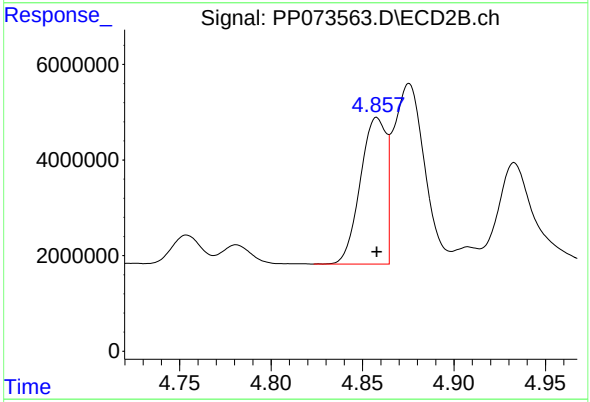
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 67650592
Conc: 50.00 ng/ml



#16 AR-1242-1

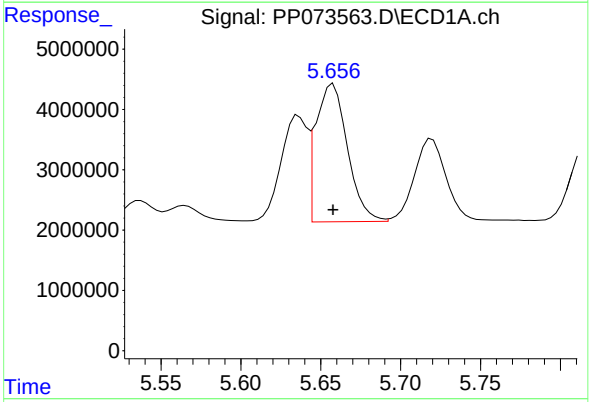
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 20382014
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



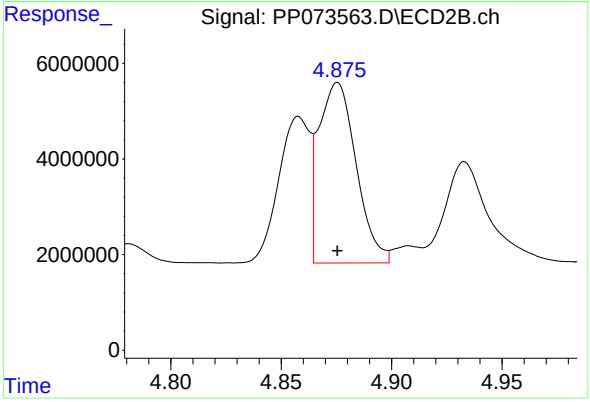
#16 AR-1242-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 30169740
Conc: 500.00 ng/ml



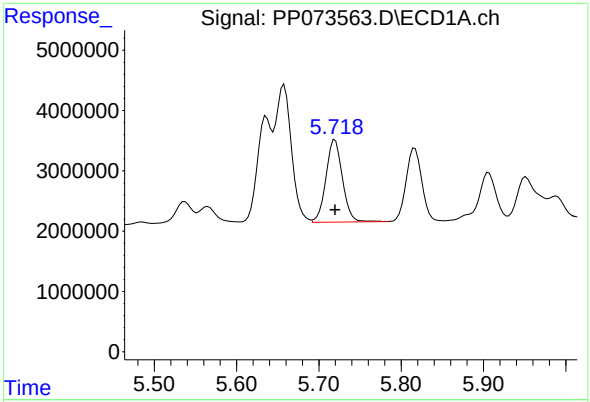
#17 AR-1242-2

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 31567127
Conc: 500.00 ng/ml



#17 AR-1242-2

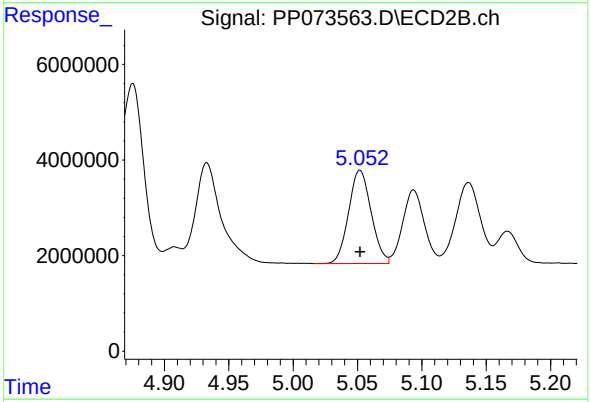
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 44463701
Conc: 500.00 ng/ml



#18 AR-1242-3

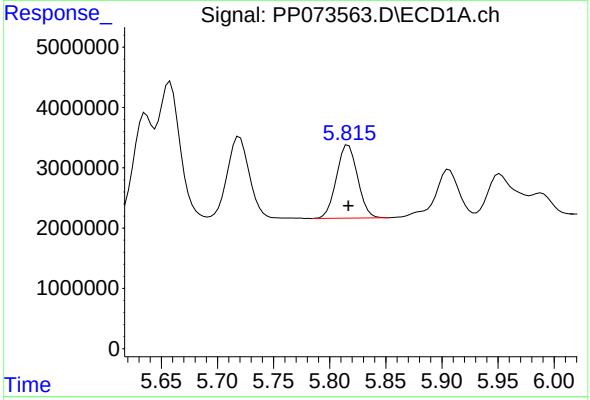
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 19033543
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



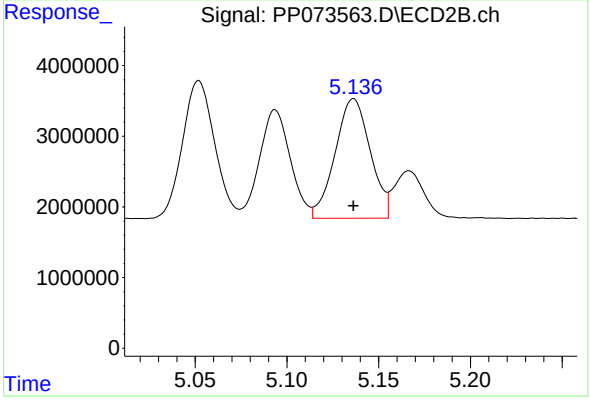
#18 AR-1242-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 23789965
Conc: 500.00 ng/ml



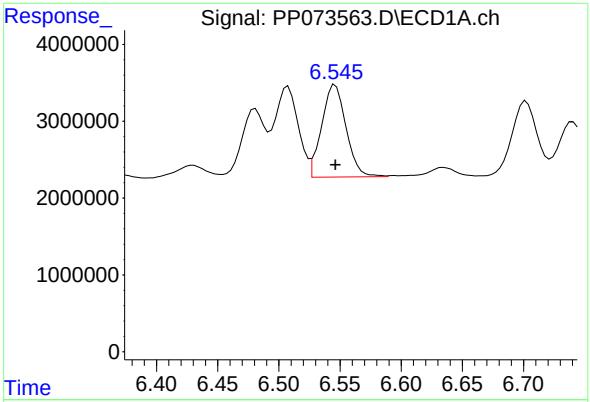
#19 AR-1242-4

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 15869296
Conc: 500.00 ng/ml



#19 AR-1242-4

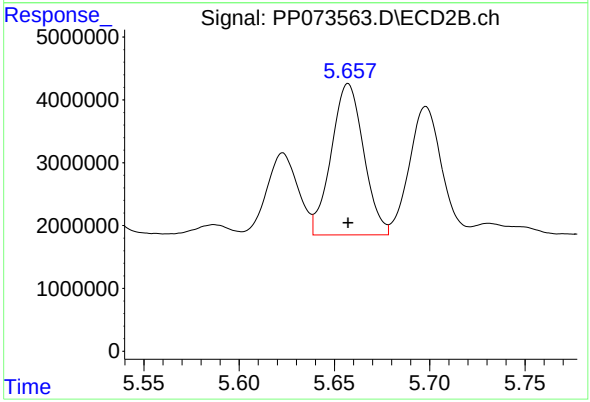
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 22558507
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 16676614
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 28533697
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:46
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: Jul 08 02:05:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.488	3.779	35973232	49943783	25.205	26.377
2)	SA Decachlor...	10.176	8.781	28867365	35186918	25.222	26.006
	Target Compounds						
16)	L4 AR-1242-1	5.638	4.857	10586937	15530210	259.713	257.381
17)	L4 AR-1242-2	5.660	4.875	16251959	22939126	257.419	257.953
18)	L4 AR-1242-3	5.722	5.051	9827935	12210872	258.174	256.639
19)	L4 AR-1242-4	5.819	5.135	8068875	11715170	254.229	259.662
20)	L4 AR-1242-5	6.550	5.656	8772262	14646179	263.011	256.647

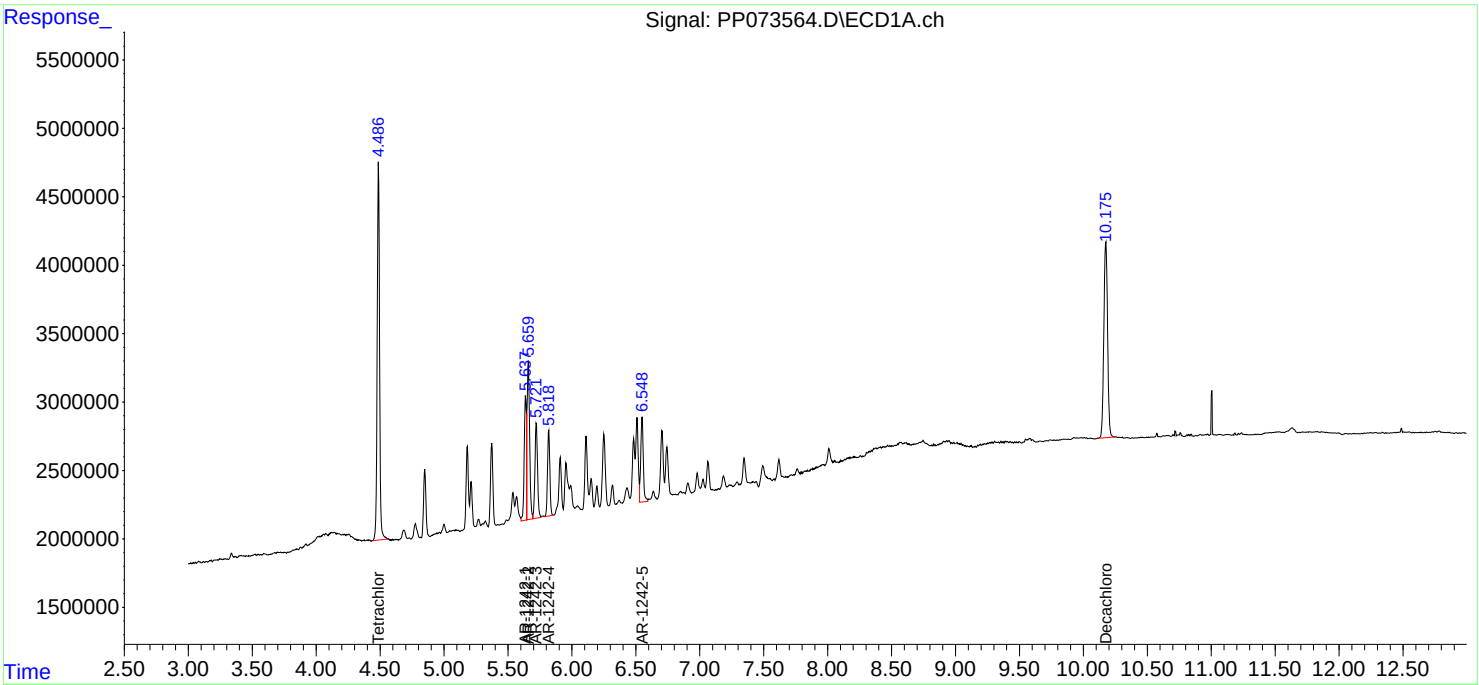
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

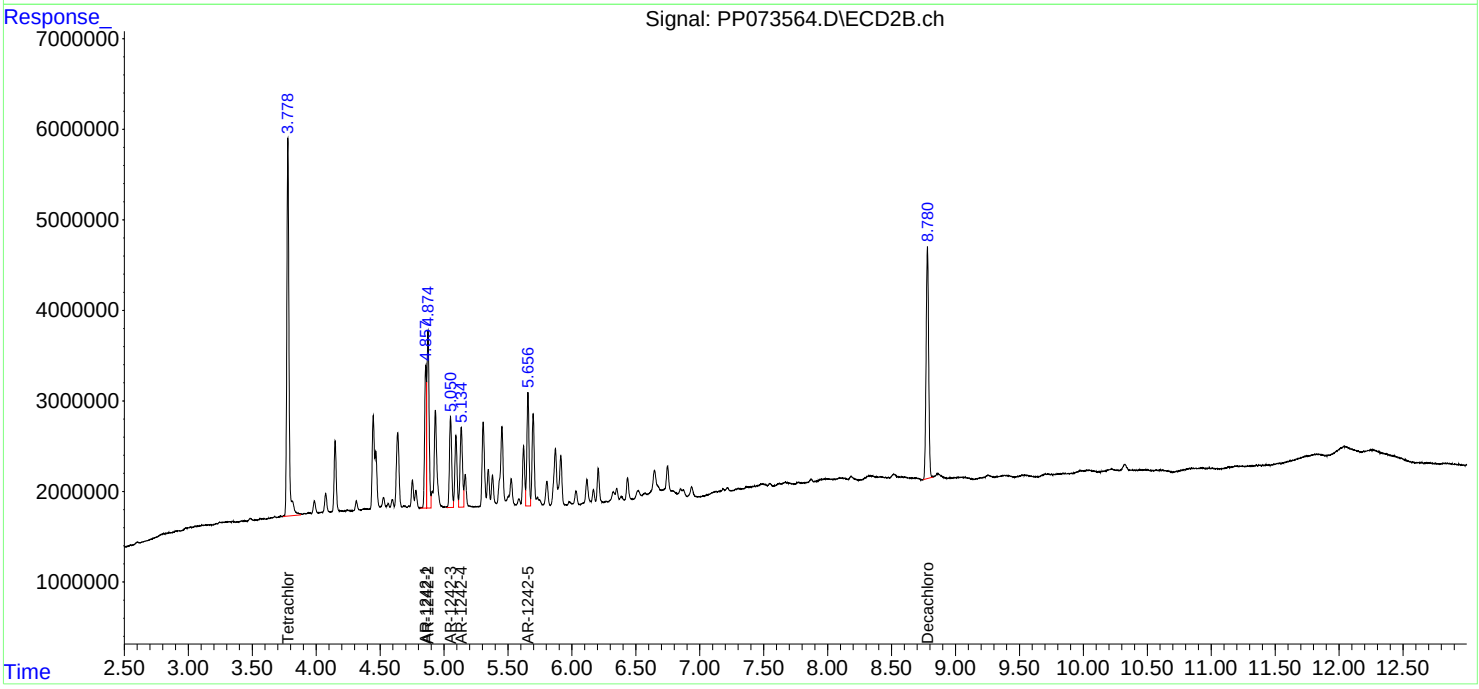
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:46
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

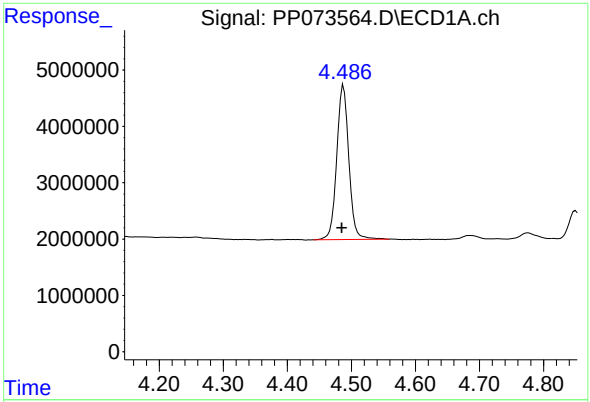
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



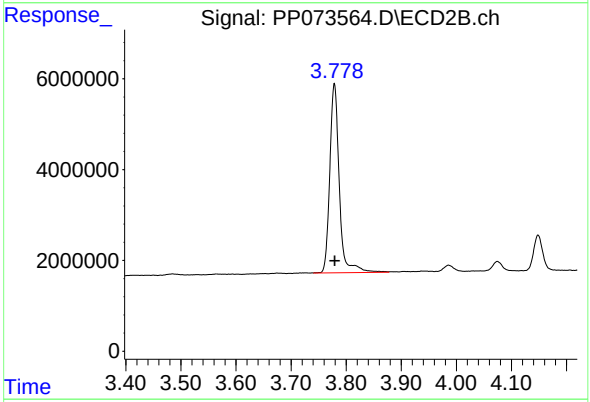




#1 Tetrachloro-m-xylene

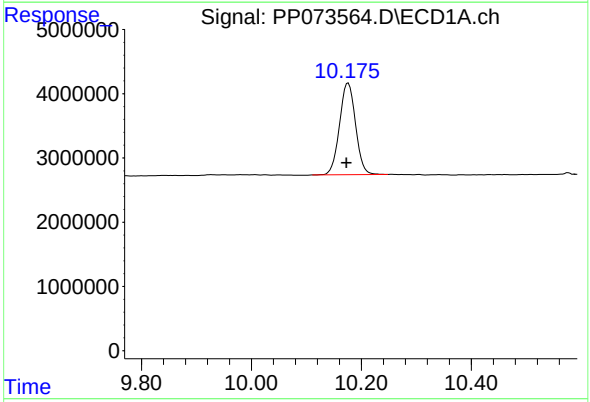
R.T.: 4.488 min
Delta R.T.: 0.003 min
Response: 35973232
Conc: 25.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



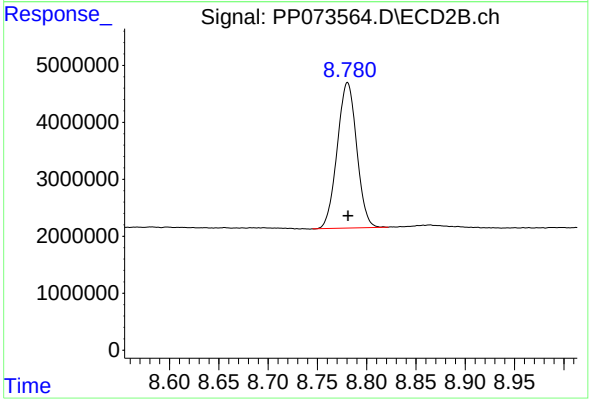
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 49943783
Conc: 26.38 ng/ml



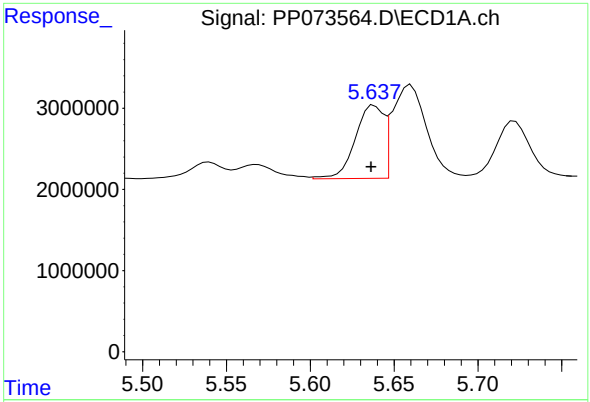
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.003 min
Response: 28867365
Conc: 25.22 ng/ml



#2 Decachlorobiphenyl

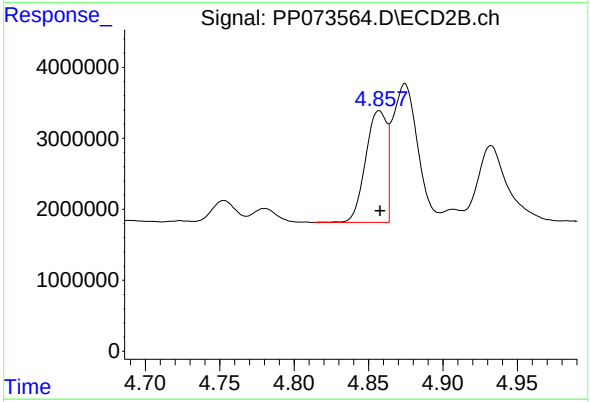
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 35186918
Conc: 26.01 ng/ml



#16 AR-1242-1

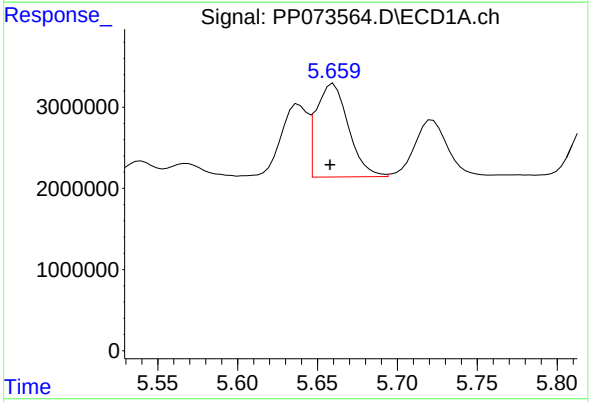
R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 10586937
Conc: 259.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



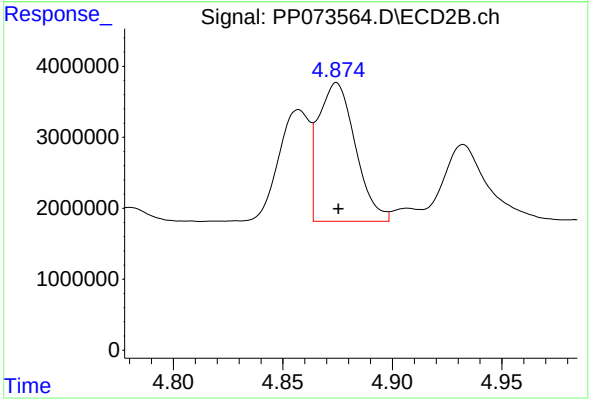
#16 AR-1242-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 15530210
Conc: 257.38 ng/ml



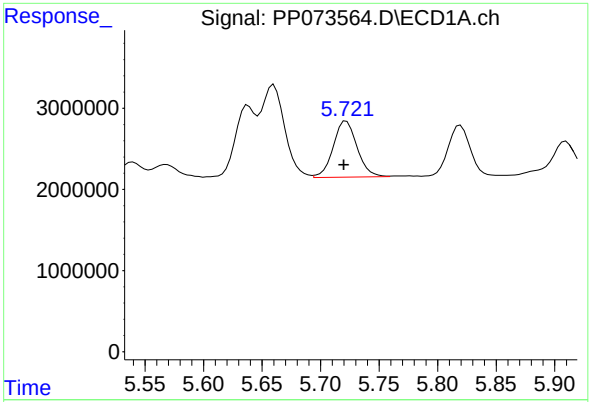
#17 AR-1242-2

R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 16251959
Conc: 257.42 ng/ml



#17 AR-1242-2

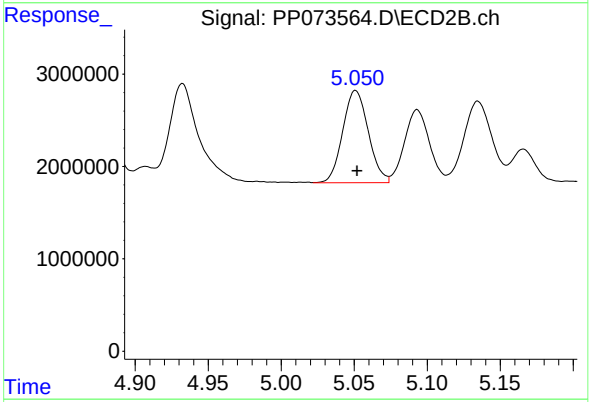
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 22939126
Conc: 257.95 ng/ml



#18 AR-1242-3

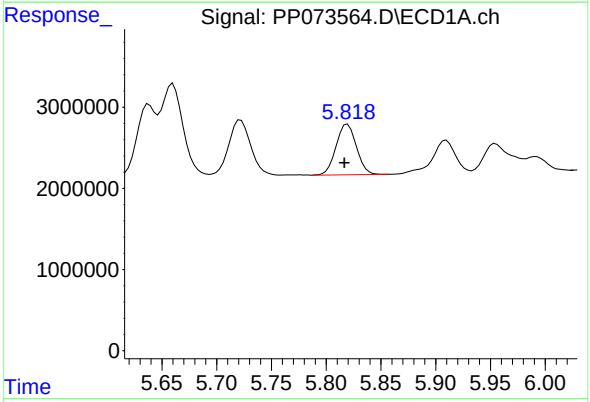
R.T.: 5.722 min
Delta R.T.: 0.002 min
Response: 9827935
Conc: 258.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



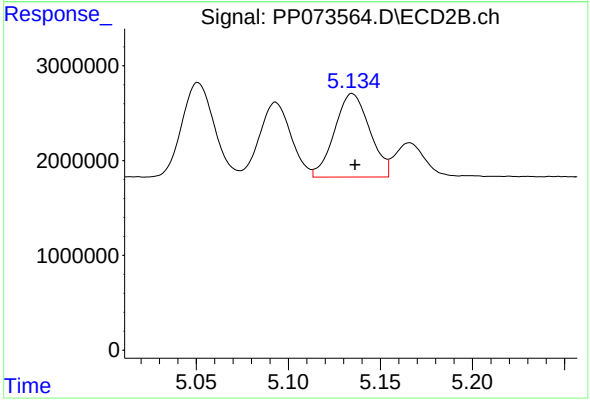
#18 AR-1242-3

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 12210872
Conc: 256.64 ng/ml



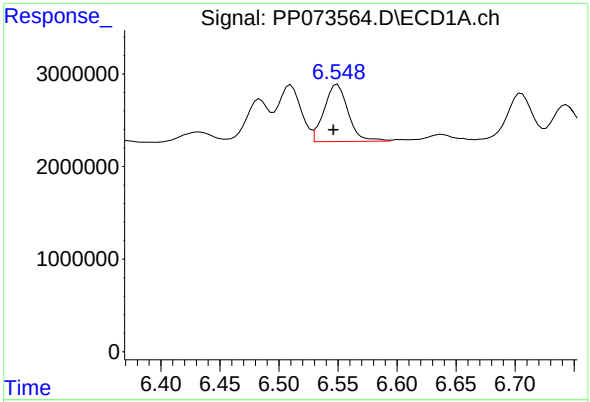
#19 AR-1242-4

R.T.: 5.819 min
Delta R.T.: 0.003 min
Response: 8068875
Conc: 254.23 ng/ml



#19 AR-1242-4

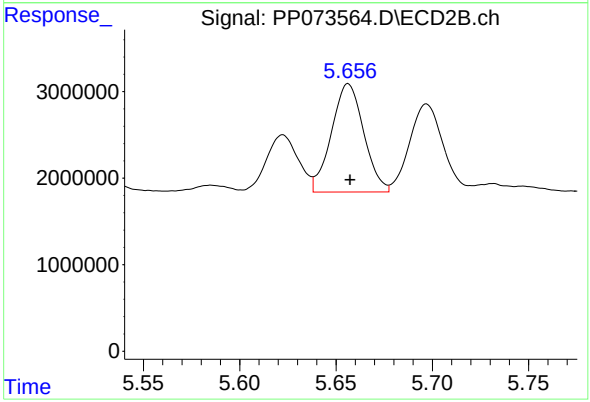
R.T.: 5.135 min
Delta R.T.: -0.002 min
Response: 11715170
Conc: 259.66 ng/ml



#20 AR-1242-5

R.T.: 6.550 min
Delta R.T.: 0.003 min
Response: 8772262
Conc: 263.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 14646179
Conc: 256.65 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.487	3.779	6312847	8330986	4.423	4.400
2)	SA Decachlor...	10.173	8.780	4963140	5974096	4.336	4.415
	Target Compounds						
16)	L4 AR-1242-1	5.636	4.857	1573661	2804106	38.604m	46.472
17)	L4 AR-1242-2	5.657	4.875	2642334	4375880	41.853m	49.207
18)	L4 AR-1242-3	5.720	5.052	1729292	2296207	45.427m	48.260
19)	L4 AR-1242-4	5.818	5.136	1851147	2337623	58.325	51.812
20)	L4 AR-1242-5	6.546	5.657	1593566	2688857	47.778m	47.117

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

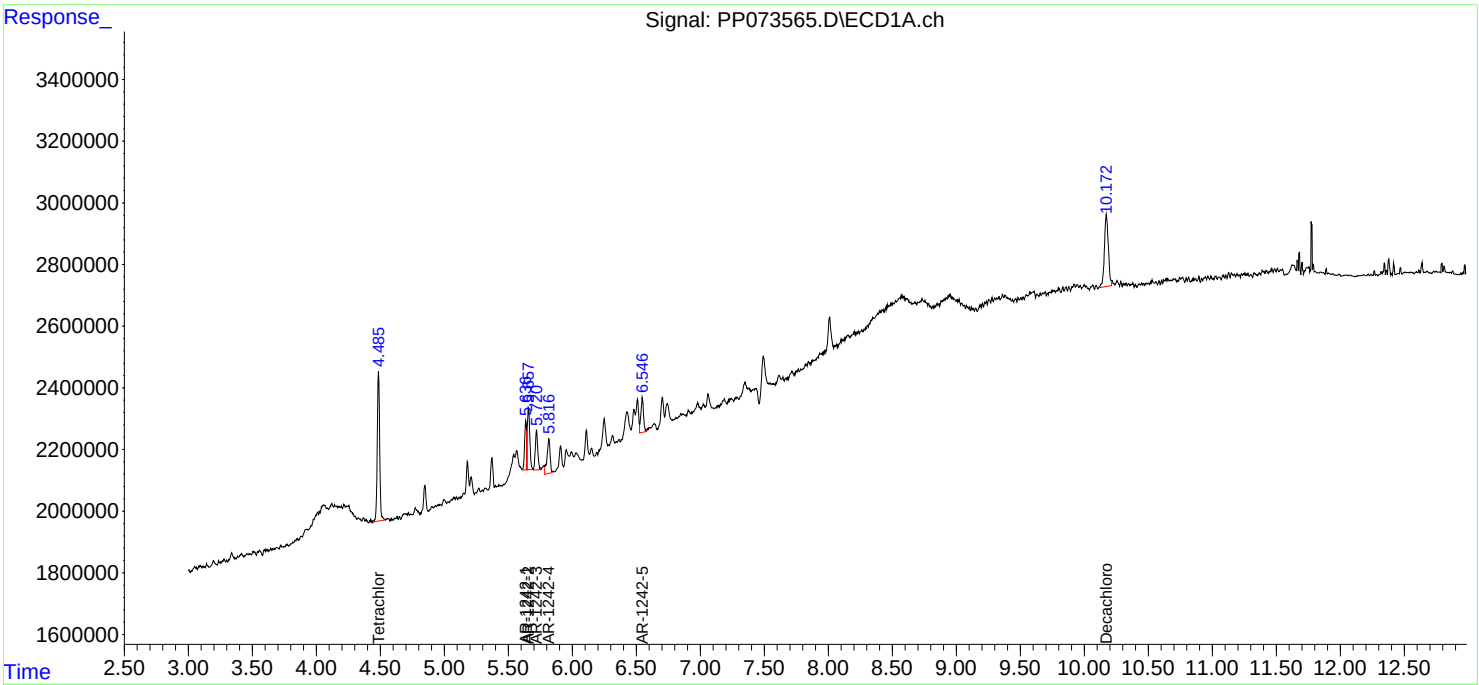
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

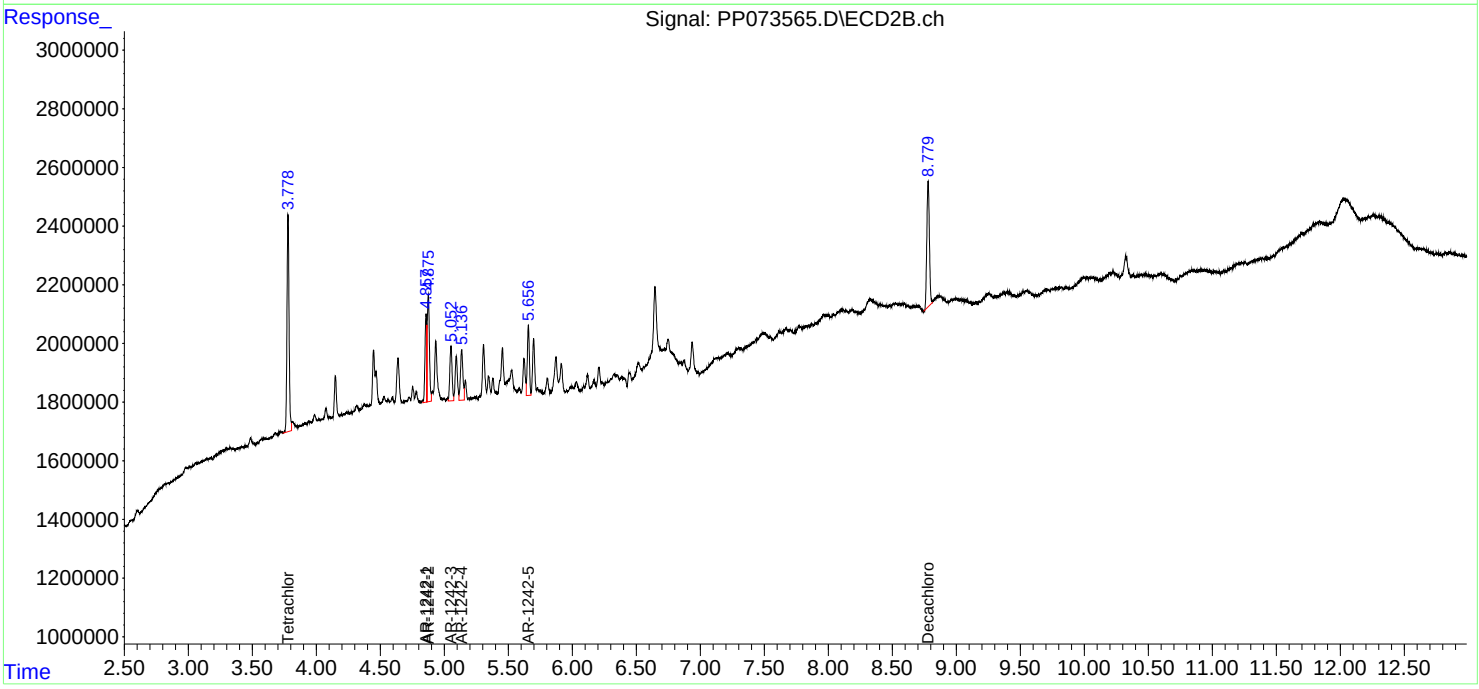
Manual Integrations APPROVED

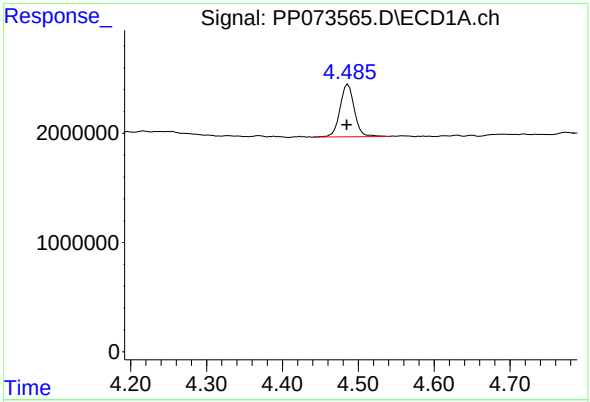
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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







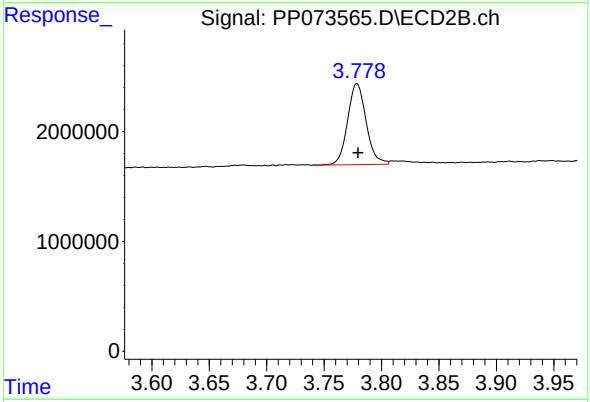
#1 Tetrachloro-m-xylene

R.T.: 4.487 min
Delta R.T.: 0.002 min
Response: 6312847
Conc: 4.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

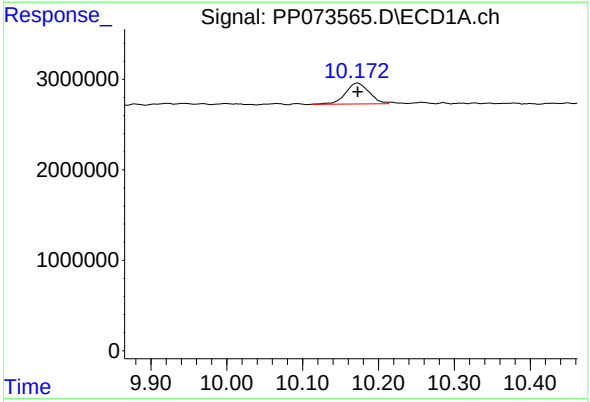
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



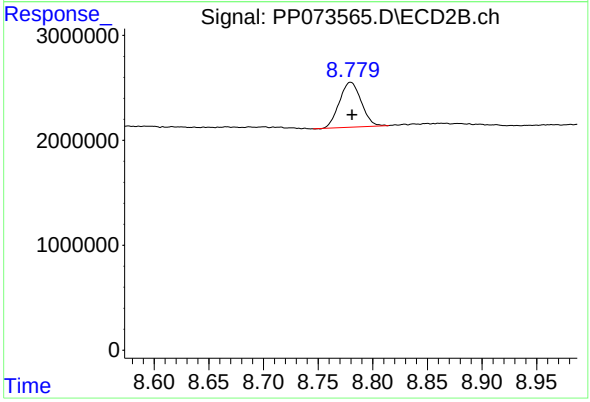
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 8330986
Conc: 4.40 ng/ml



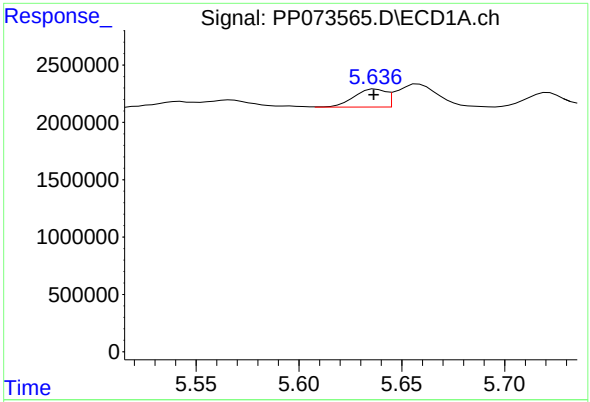
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 4963140
Conc: 4.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: -0.001 min
Response: 5974096
Conc: 4.42 ng/ml



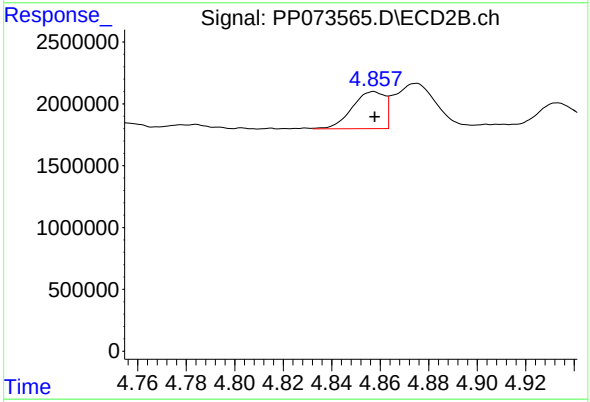
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 1573661
Conc: 38.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

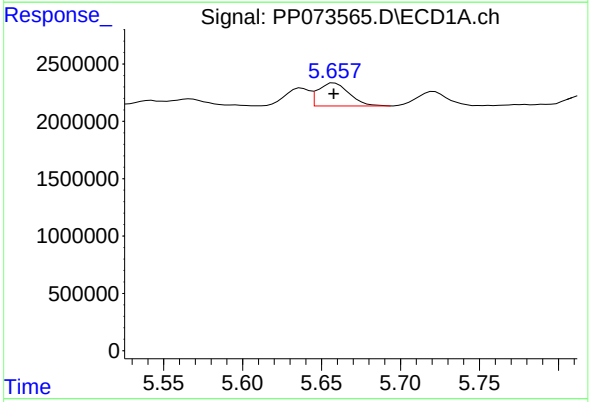
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



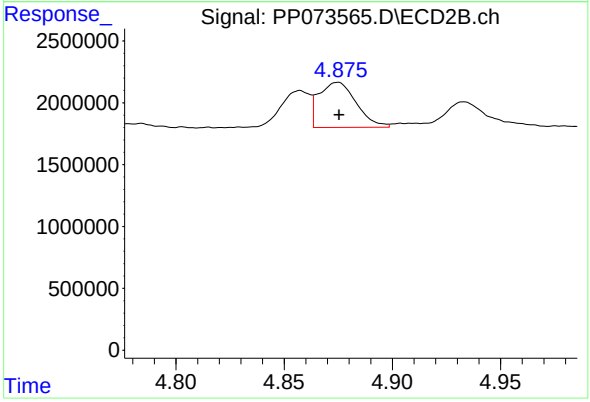
#16 AR-1242-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 2804106
Conc: 46.47 ng/ml



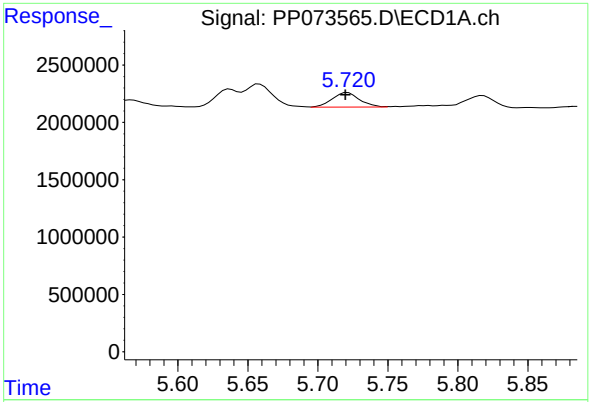
#17 AR-1242-2

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 2642334
Conc: 41.85 ng/ml m



#17 AR-1242-2

R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 4375880
Conc: 49.21 ng/ml



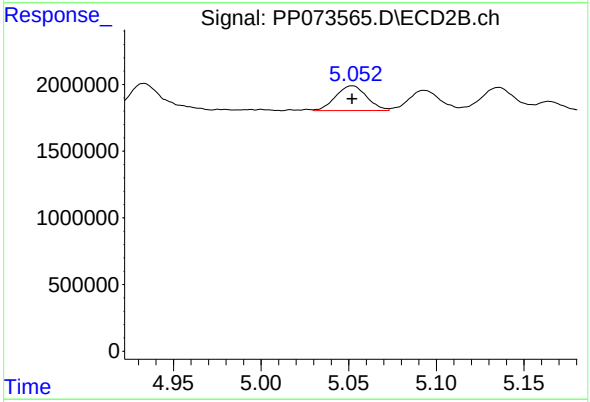
#18 AR-1242-3

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 1729292
Conc: 45.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

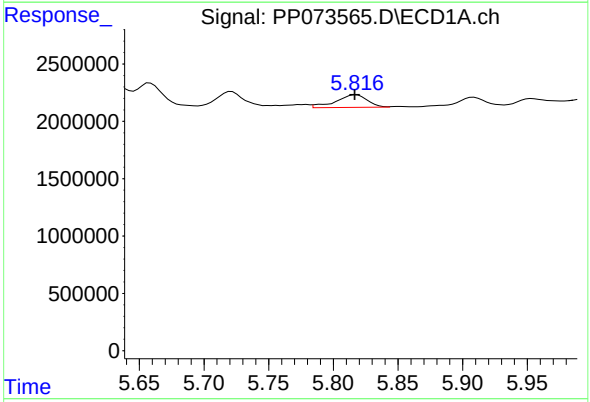
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



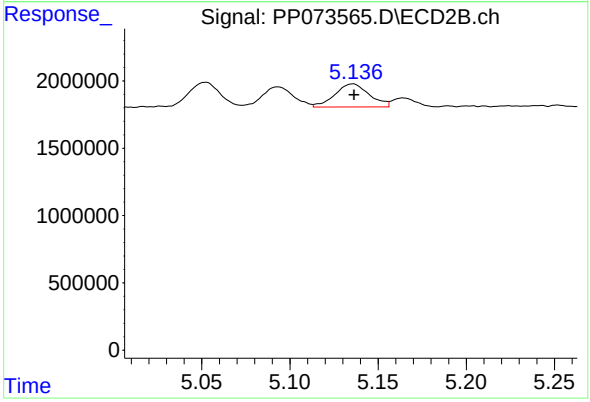
#18 AR-1242-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 2296207
Conc: 48.26 ng/ml



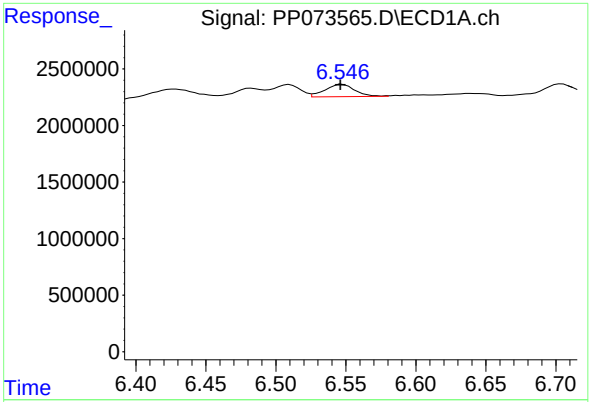
#19 AR-1242-4

R.T.: 5.818 min
Delta R.T.: 0.001 min
Response: 1851147
Conc: 58.32 ng/ml



#19 AR-1242-4

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 2337623
Conc: 51.81 ng/ml



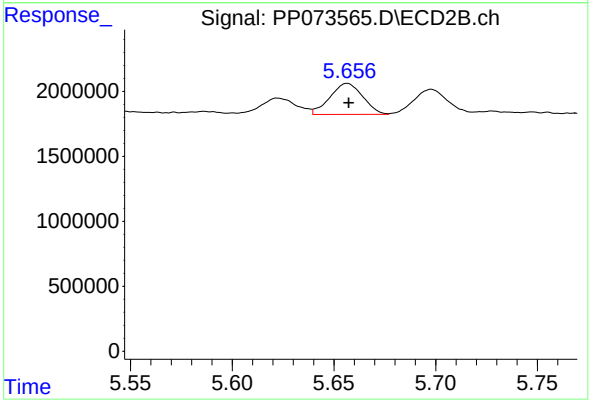
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 1593566
Conc: 47.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



#20 AR-1242-5

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2688857
Conc: 47.12 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:19
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:20:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.488	3.779	132.2E6	185.5E6	93.396	97.125
2)	SA Decachlor...	10.176	8.781	109.8E6	129.8E6	95.885	95.444
	Target Compounds						
21)	L5 AR-1248-1	5.639	4.857	29290065	41993150	931.027	929.349
22)	L5 AR-1248-2	5.910	5.093	37625323	55737799	928.212	900.609
23)	L5 AR-1248-3	6.112	5.136	43927993	58429721	953.396	907.187
24)	L5 AR-1248-4	6.510	5.307	53376796	68661033	934.019	911.732
25)	L5 AR-1248-5	6.549	5.698	51803368	69725277	929.059	912.356

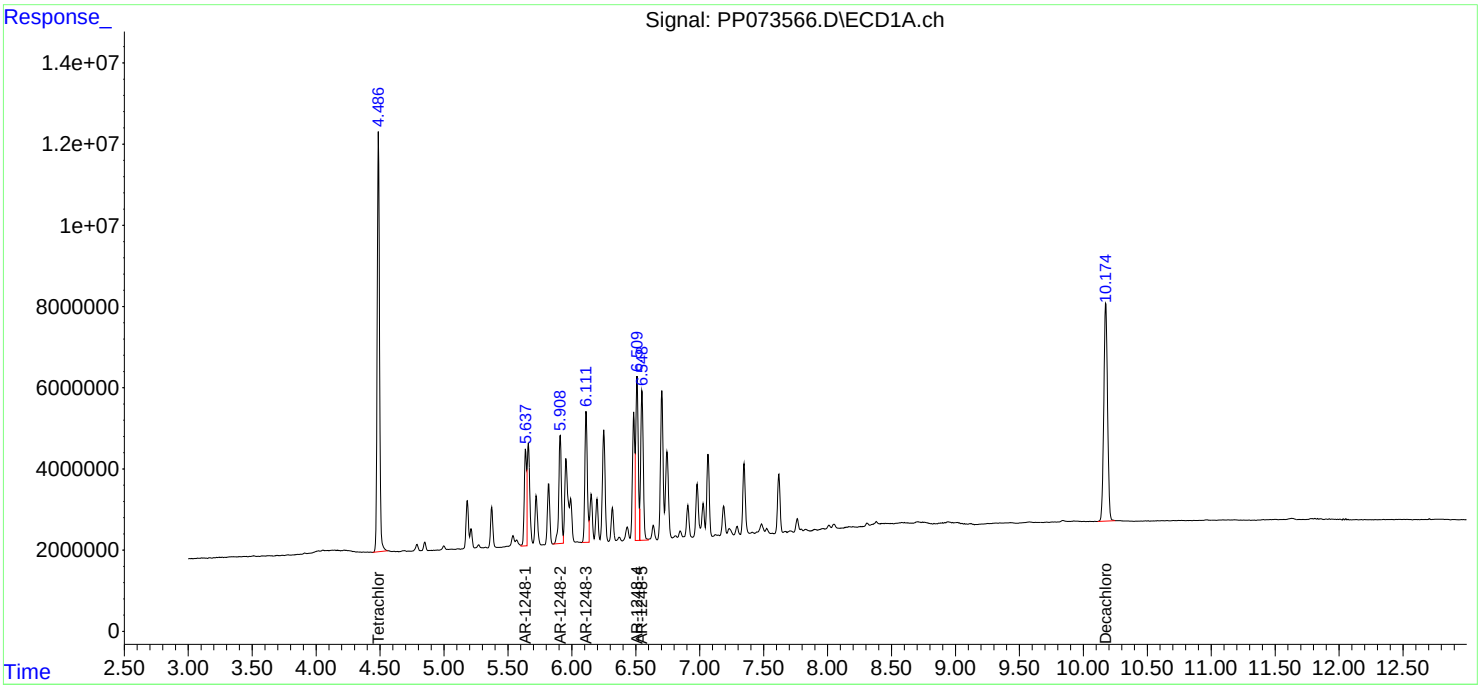
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

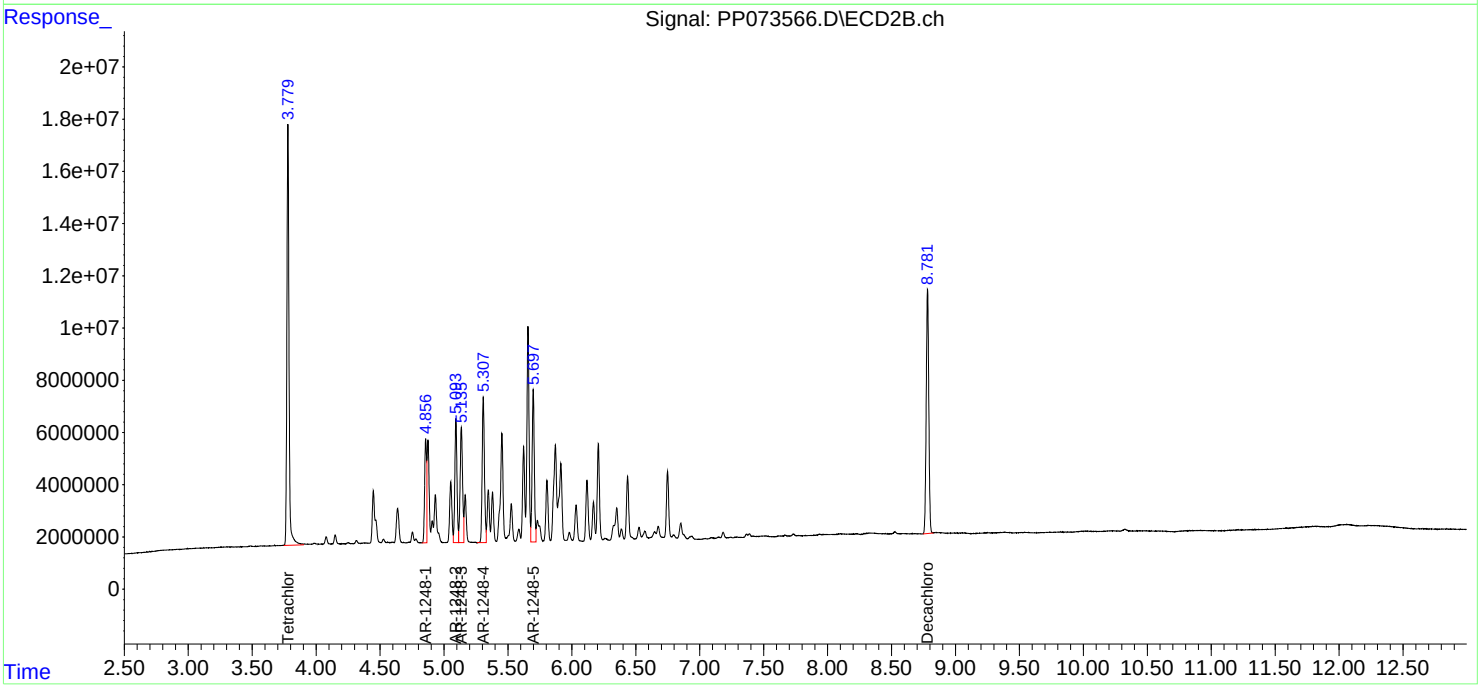
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:19
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

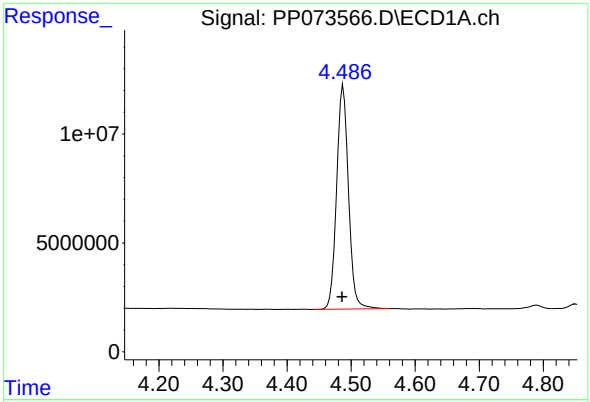
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:20:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



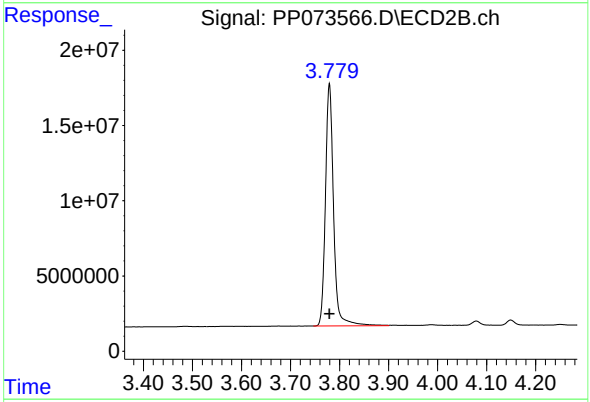




#1 Tetrachloro-m-xylene

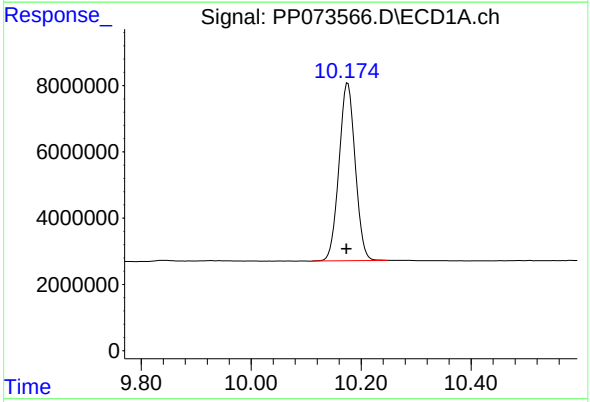
R.T.: 4.488 min
Delta R.T.: 0.002 min
Response: 132195442
Conc: 93.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



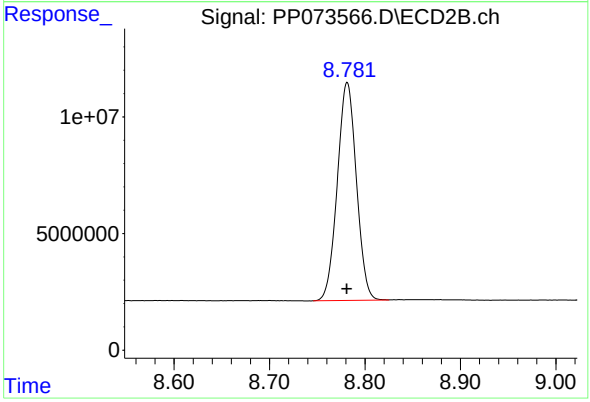
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 185548603
Conc: 97.12 ng/ml



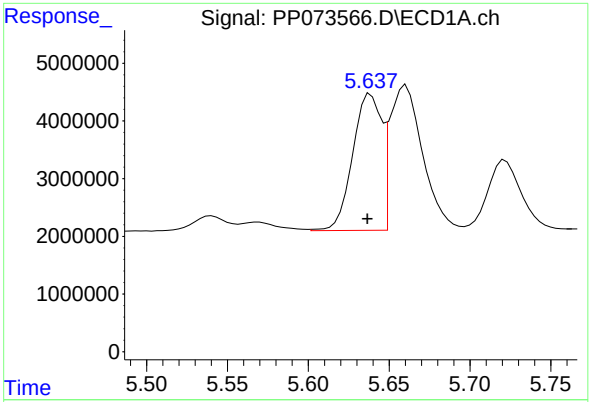
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.002 min
Response: 109801693
Conc: 95.88 ng/ml



#2 Decachlorobiphenyl

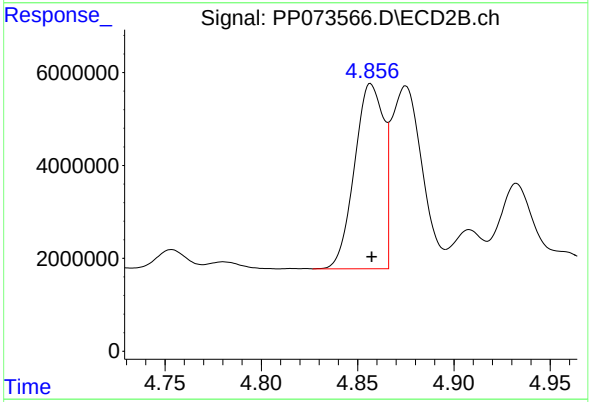
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 129838240
Conc: 95.44 ng/ml



#21 AR-1248-1

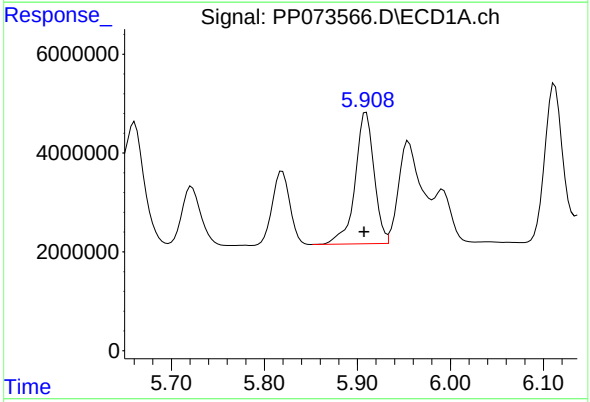
R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 29290065
Conc: 931.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



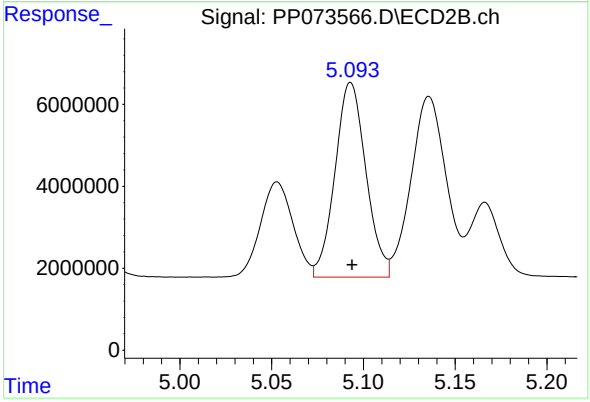
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 41993150
Conc: 929.35 ng/ml



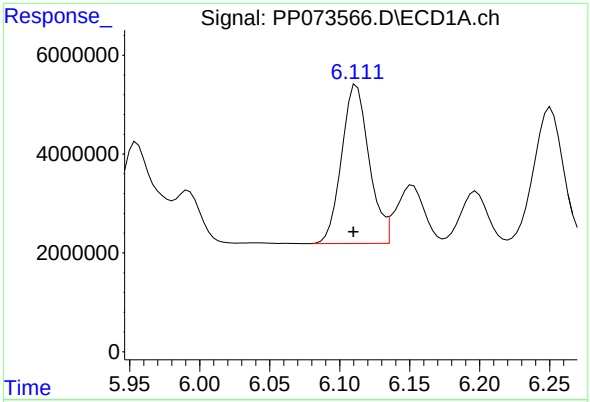
#22 AR-1248-2

R.T.: 5.910 min
Delta R.T.: 0.002 min
Response: 37625323
Conc: 928.21 ng/ml



#22 AR-1248-2

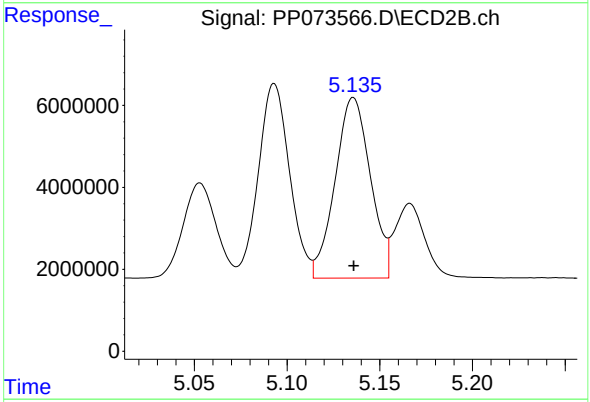
R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 55737799
Conc: 900.61 ng/ml



#23 AR-1248-3

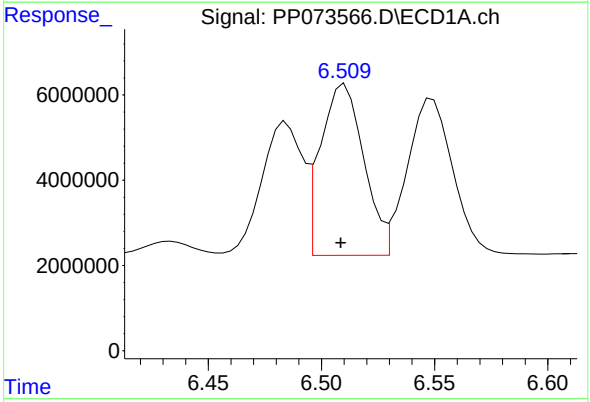
R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 43927993
Conc: 953.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



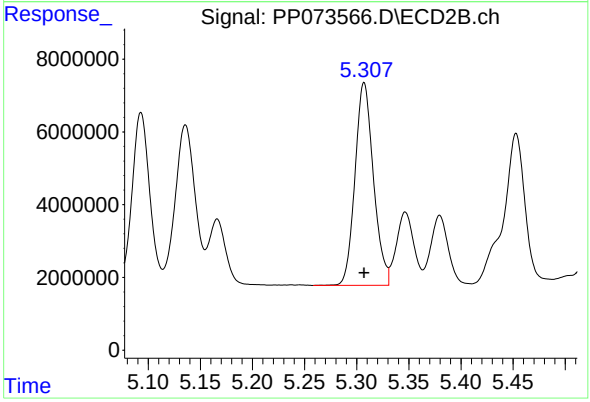
#23 AR-1248-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 58429721
Conc: 907.19 ng/ml



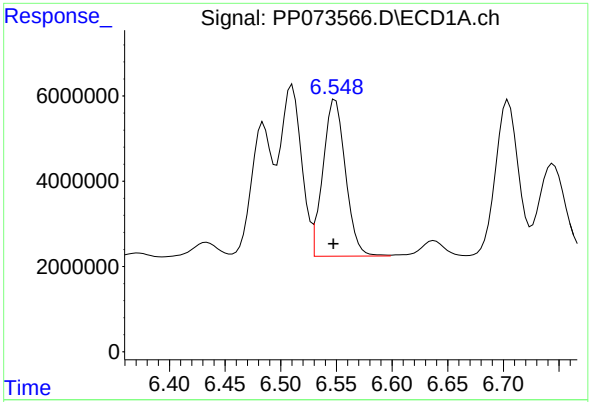
#24 AR-1248-4

R.T.: 6.510 min
Delta R.T.: 0.002 min
Response: 53376796
Conc: 934.02 ng/ml



#24 AR-1248-4

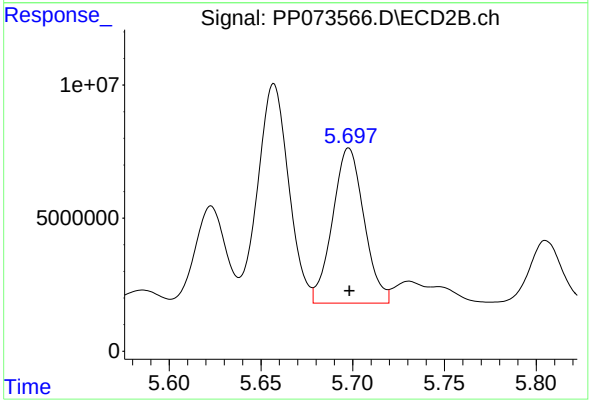
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 68661033
Conc: 911.73 ng/ml



#25 AR-1248-5

R.T.: 6.549 min
Delta R.T.: 0.002 min
Response: 51803368
Conc: 929.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 69725277
Conc: 912.36 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:35
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.779	102.8E6	139.9E6	72.663	73.239
2)	SA Decachlor...	10.178	8.781	84981366	104.5E6	74.210	76.789
	Target Compounds						
21)	L5 AR-1248-1	5.639	4.858	22755547	32692852	723.318	723.525
22)	L5 AR-1248-2	5.911	5.094	29802657	43939758	735.228	709.977
23)	L5 AR-1248-3	6.113	5.135	34385217	45992259	746.283	714.081
24)	L5 AR-1248-4	6.511	5.307	41943849	54019844	733.958	717.315
25)	L5 AR-1248-5	6.551	5.698	40278207	54907819	722.363	718.469

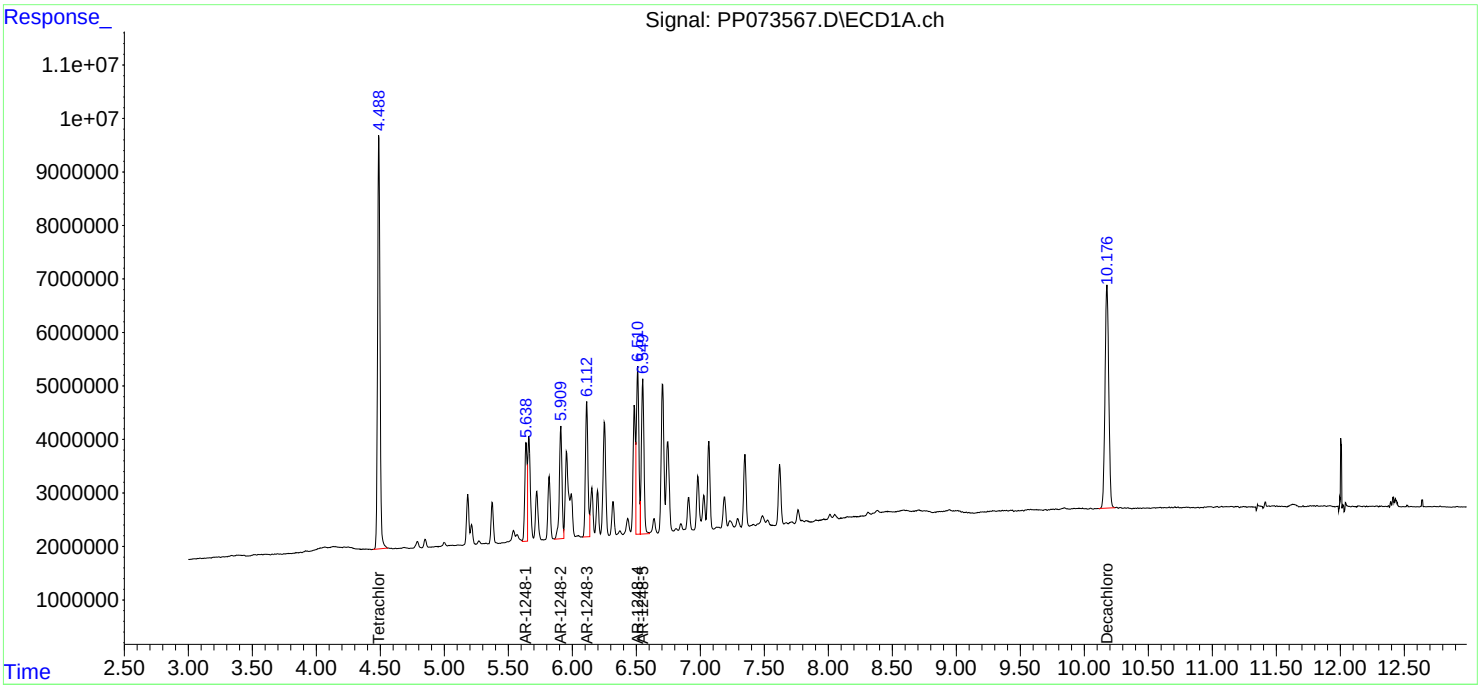
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

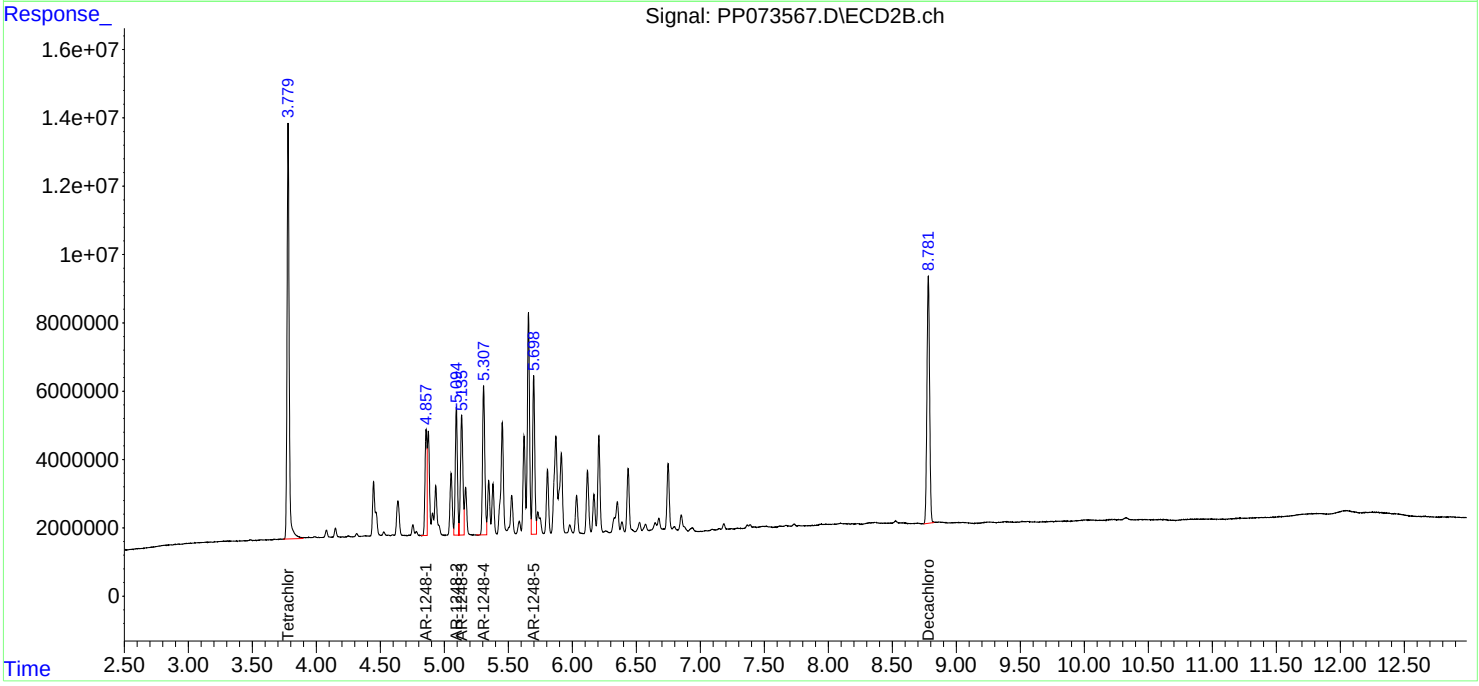
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:35
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

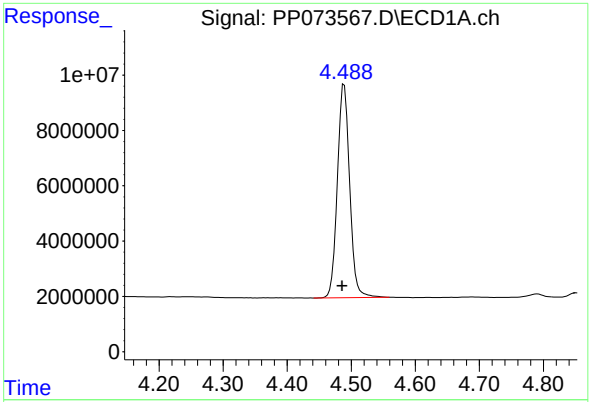
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



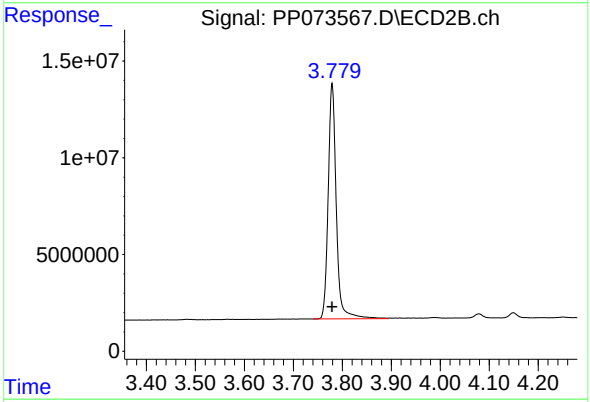




#1 Tetrachloro-m-xylene

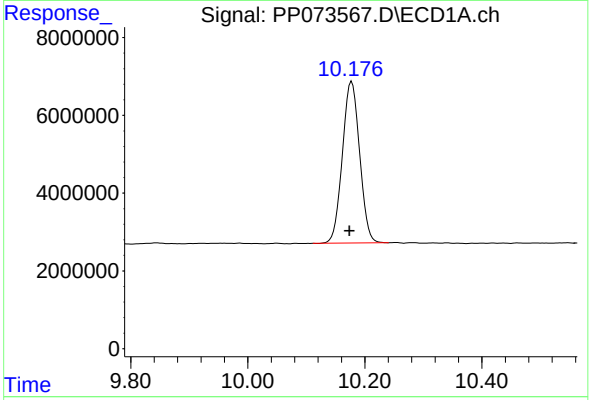
R.T.: 4.489 min
Delta R.T.: 0.003 min
Response: 102849476
Conc: 72.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



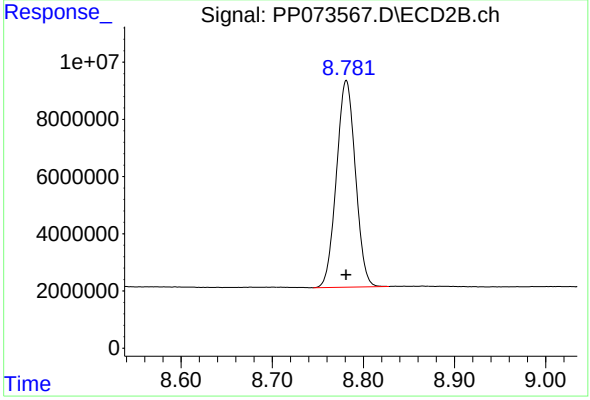
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 139916989
Conc: 73.24 ng/ml



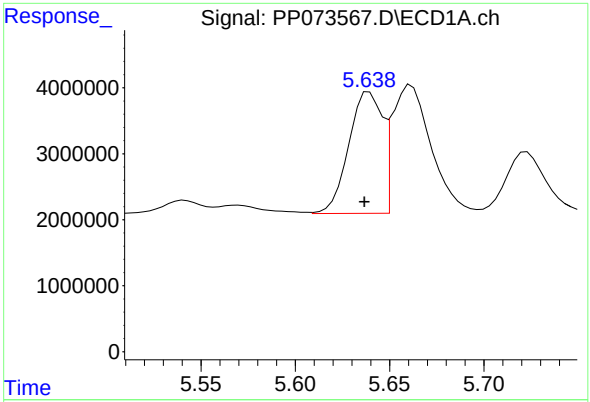
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.004 min
Response: 84981366
Conc: 74.21 ng/ml



#2 Decachlorobiphenyl

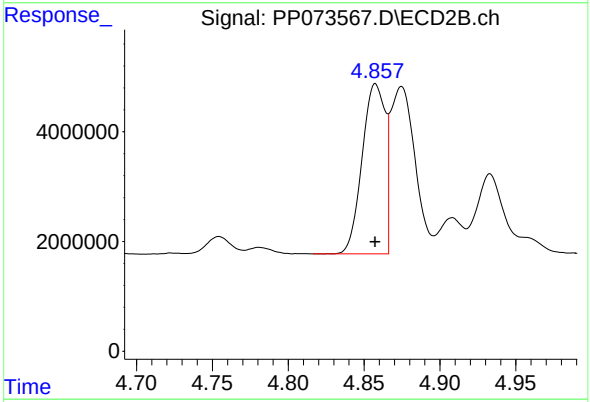
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 104460409
Conc: 76.79 ng/ml



#21 AR-1248-1

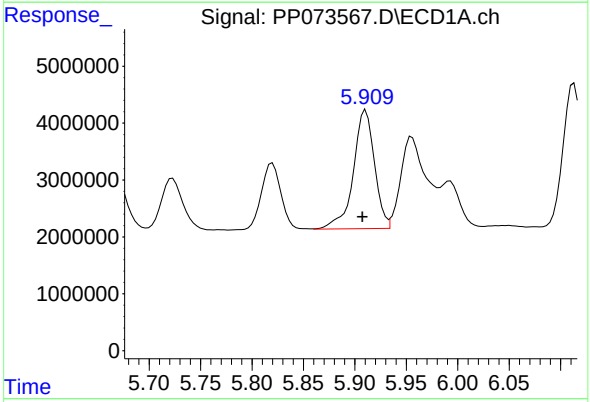
R.T.: 5.639 min
Delta R.T.: 0.003 min
Response: 22755547
Conc: 723.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



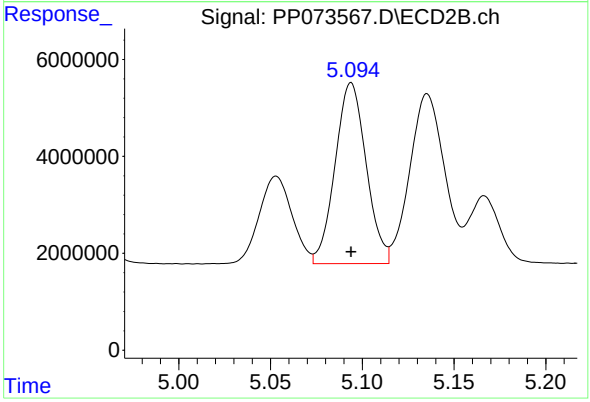
#21 AR-1248-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 32692852
Conc: 723.52 ng/ml



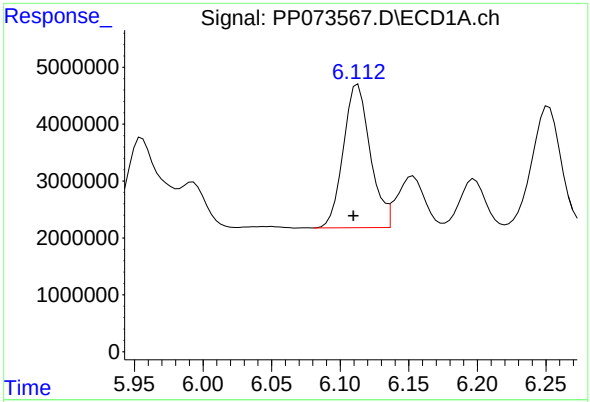
#22 AR-1248-2

R.T.: 5.911 min
Delta R.T.: 0.003 min
Response: 29802657
Conc: 735.23 ng/ml



#22 AR-1248-2

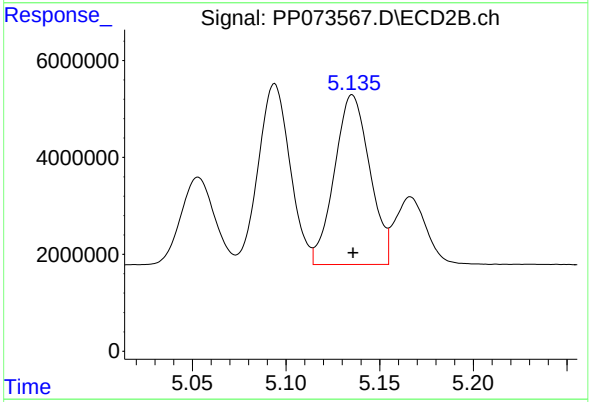
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 43939758
Conc: 709.98 ng/ml



#23 AR-1248-3

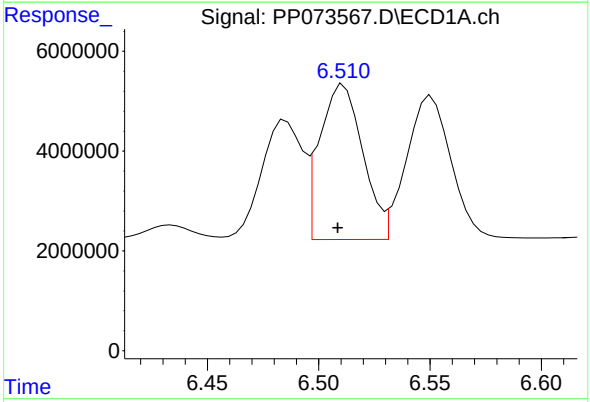
R.T.: 6.113 min
Delta R.T.: 0.003 min
Response: 34385217
Conc: 746.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



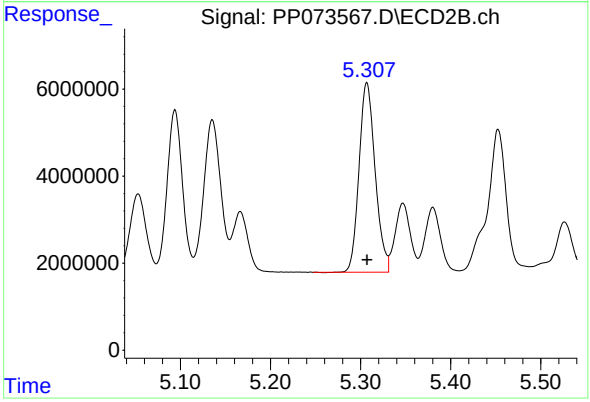
#23 AR-1248-3

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 45992259
Conc: 714.08 ng/ml



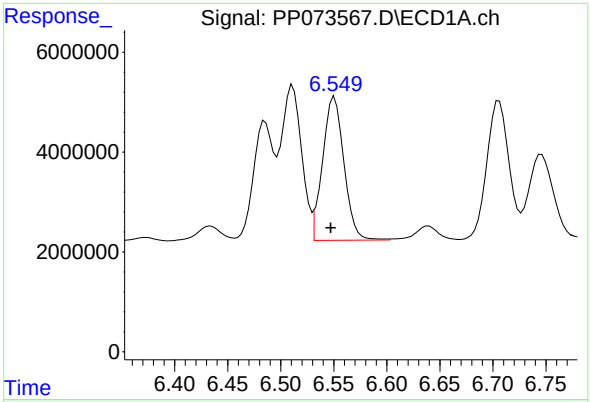
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: 0.003 min
Response: 41943849
Conc: 733.96 ng/ml



#24 AR-1248-4

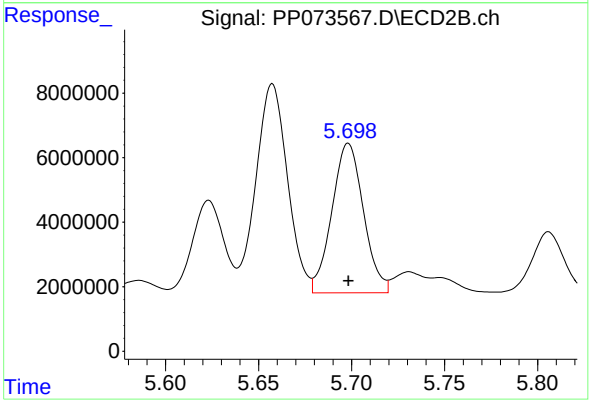
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 54019844
Conc: 717.32 ng/ml



#25 AR-1248-5

R.T.: 6.551 min
Delta R.T.: 0.003 min
Response: 40278207
Conc: 722.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 54907819
Conc: 718.47 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:52
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: Jul 08 02:21:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.486	3.779	70771652	95520830	50.000	50.000
2)	SA Decachlor...	10.174	8.781	57257196	68017781	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.637	4.857	15729968	22592772	500.000	500.000
22)	L5 AR-1248-2	5.907	5.094	20267627	30944510	500.000	500.000
23)	L5 AR-1248-3	6.110	5.136	23037645	32203795	500.000	500.000
24)	L5 AR-1248-4	6.509	5.307	28573723	37654186	500.000	500.000
25)	L5 AR-1248-5	6.547	5.698	27879471	38211657	500.000	500.000

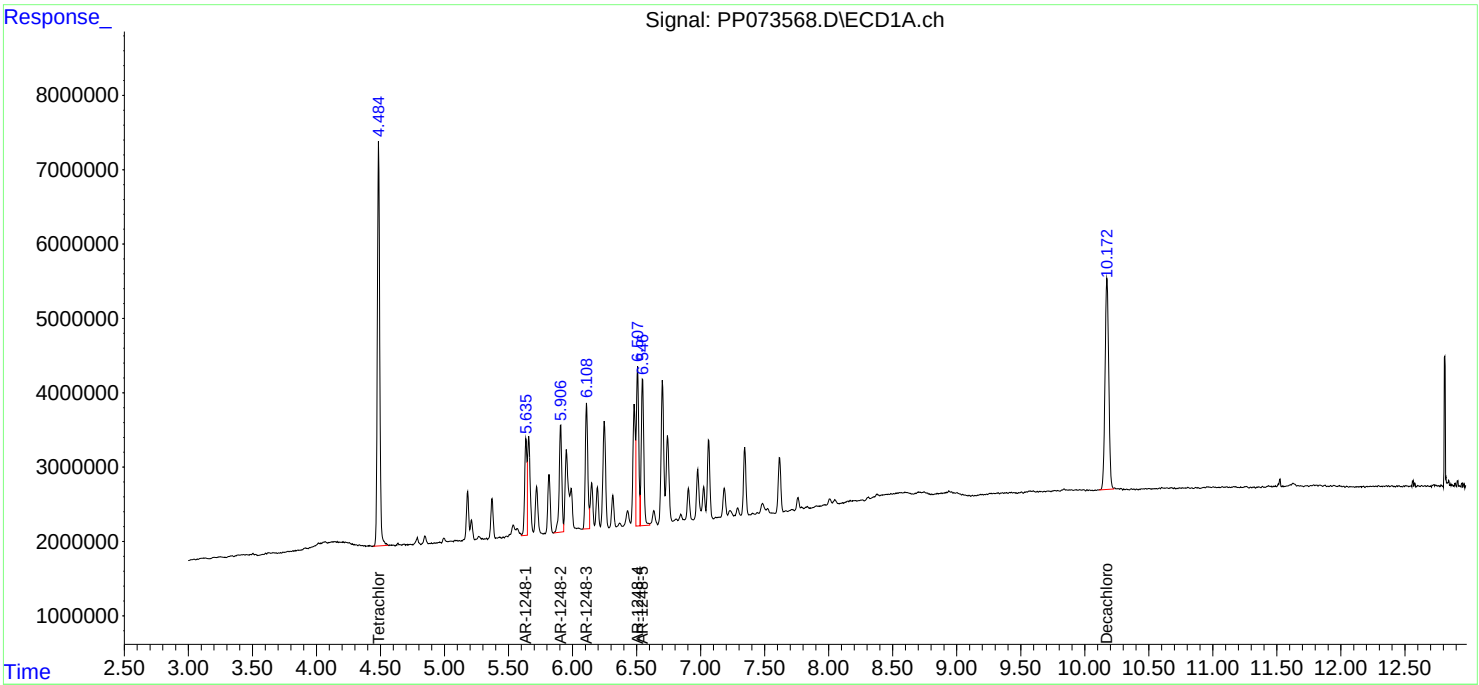
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

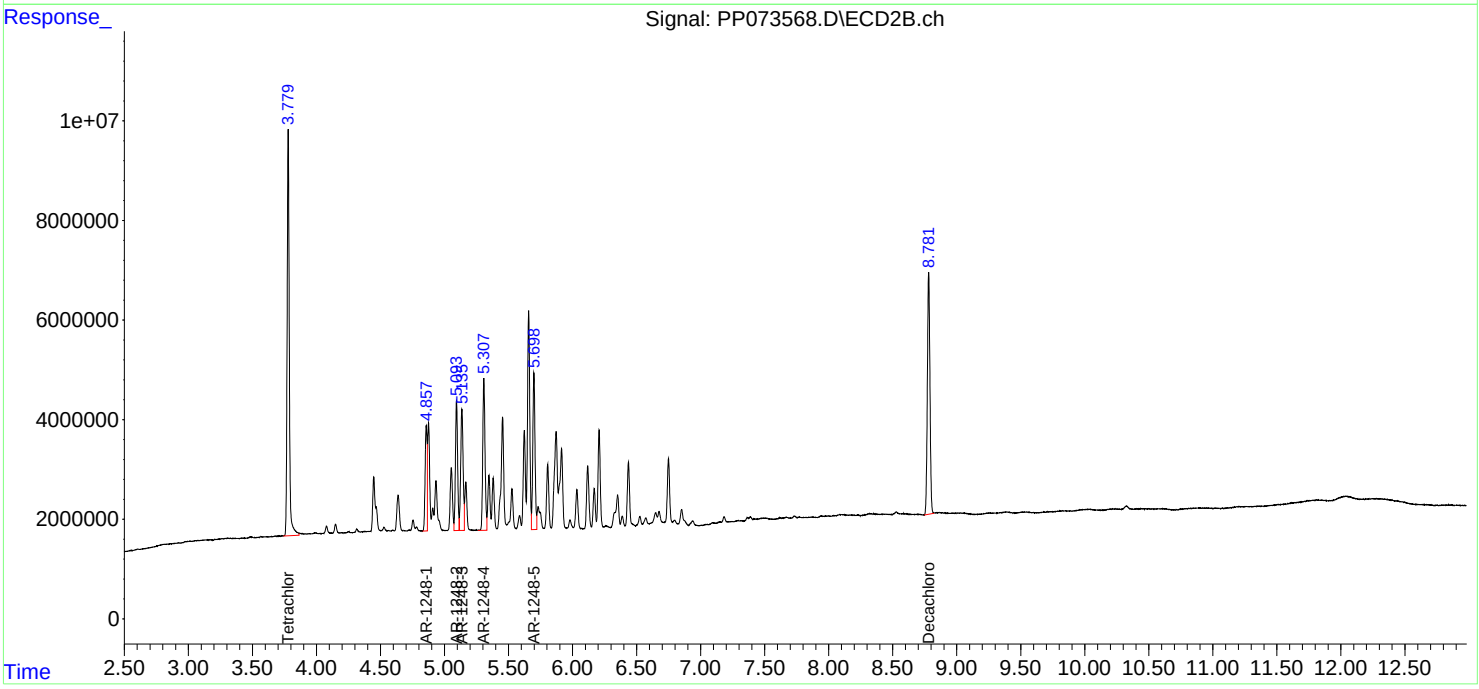
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:52
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

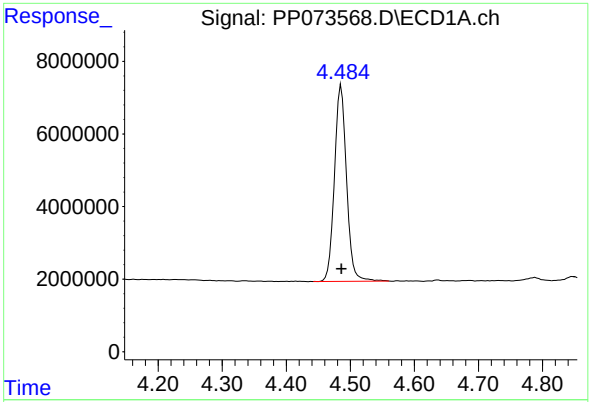
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



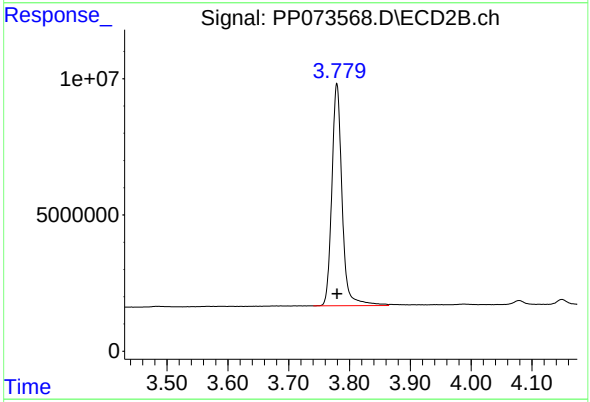




#1 Tetrachloro-m-xylene

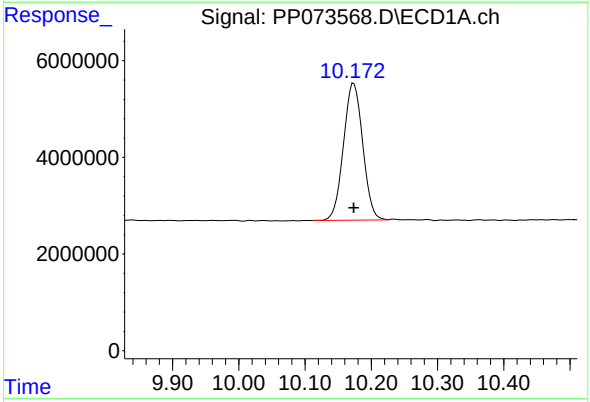
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 70771652
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



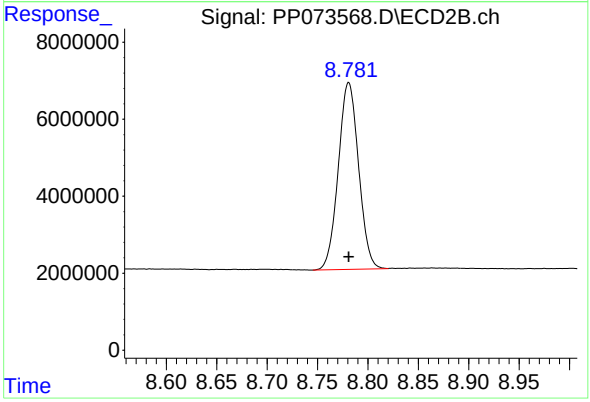
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 95520830
Conc: 50.00 ng/ml



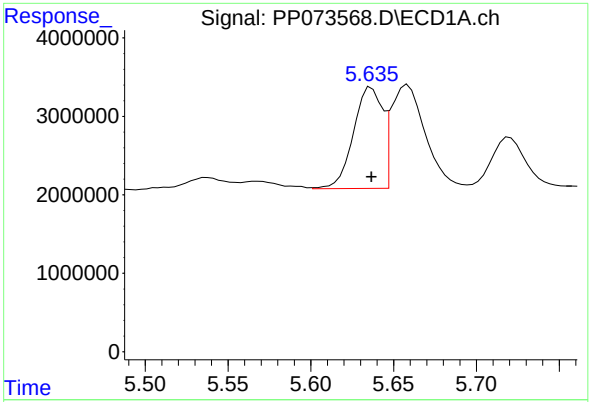
#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 57257196
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

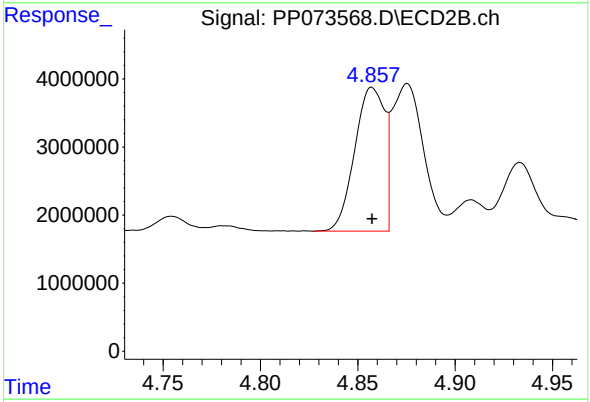
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 68017781
Conc: 50.00 ng/ml



#21 AR-1248-1

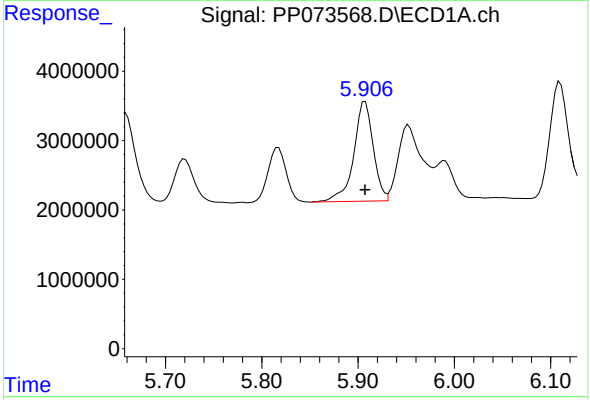
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 15729968
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



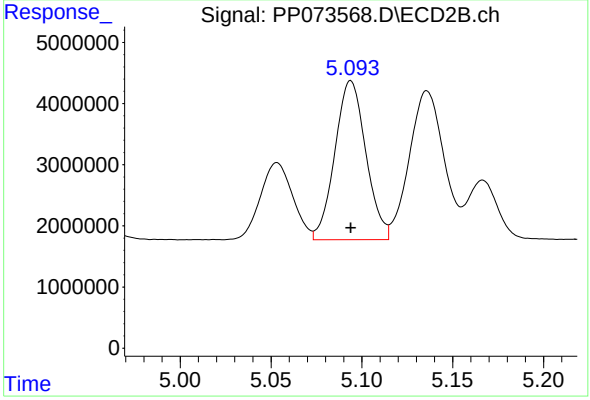
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 22592772
Conc: 500.00 ng/ml



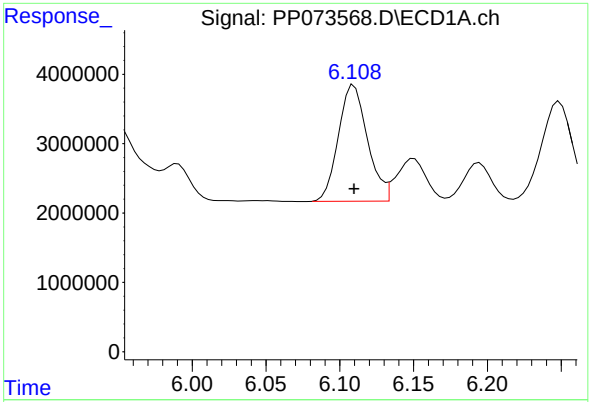
#22 AR-1248-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 20267627
Conc: 500.00 ng/ml



#22 AR-1248-2

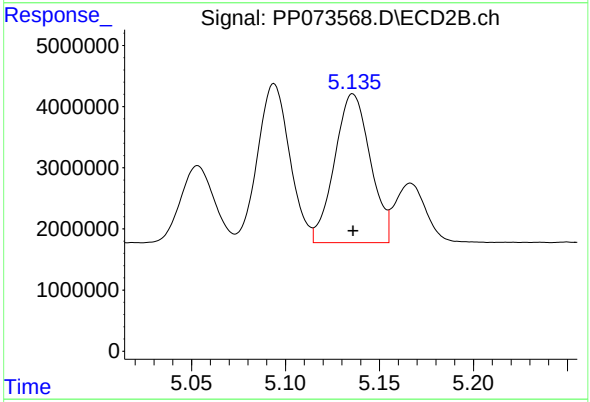
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 30944510
Conc: 500.00 ng/ml



#23 AR-1248-3

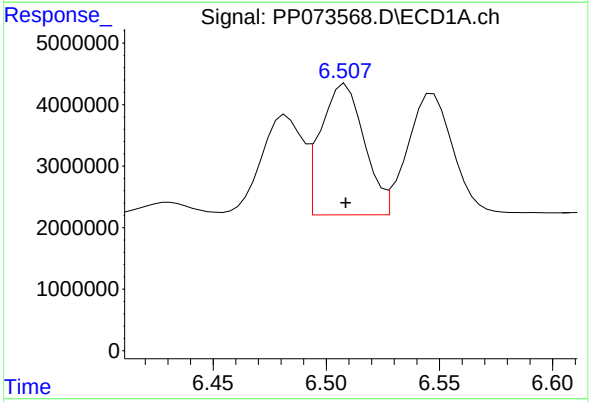
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 23037645
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



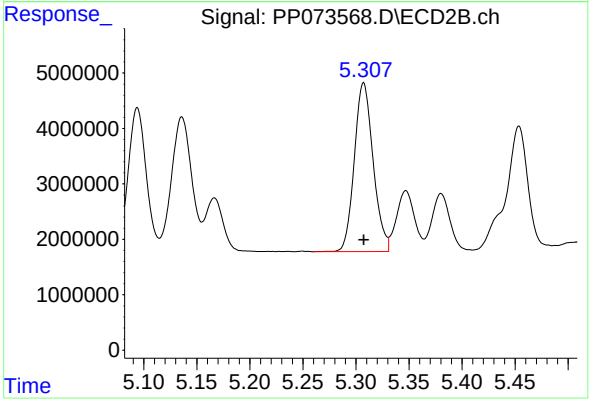
#23 AR-1248-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 32203795
Conc: 500.00 ng/ml



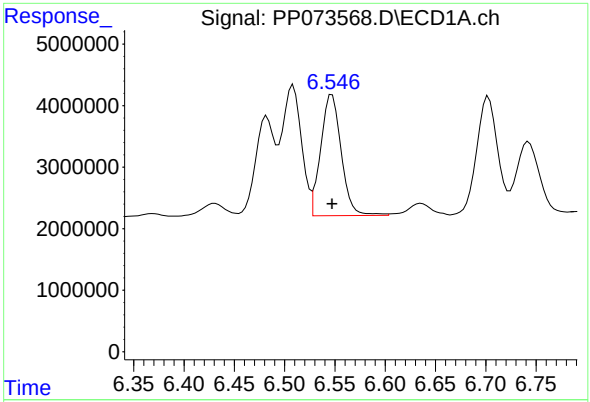
#24 AR-1248-4

R.T.: 6.509 min
Delta R.T.: 0.000 min
Response: 28573723
Conc: 500.00 ng/ml



#24 AR-1248-4

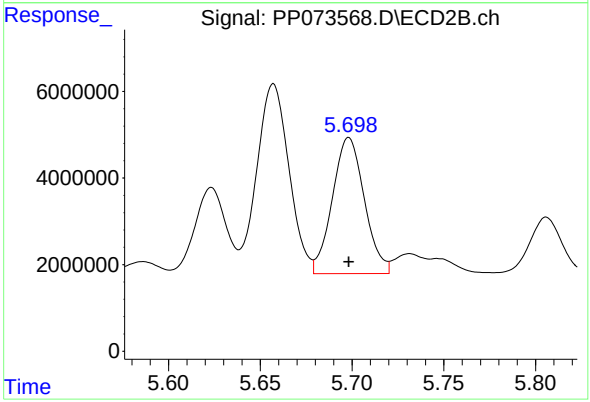
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 37654186
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 27879471
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 38211657
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:08
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.490	3.779	36421864	49176634	25.732	25.741
2)	SA Decachlor...	10.178	8.780	29322870	36021021	25.606	26.479
	Target Compounds						
21)	L5 AR-1248-1	5.640	4.857	8580276	12460998	272.737	275.774
22)	L5 AR-1248-2	5.912	5.093	11018738	16676734	271.831	269.462
23)	L5 AR-1248-3	6.114	5.136	12142276	17367378	263.531	269.648
24)	L5 AR-1248-4	6.513	5.307	14943654	20433630	261.493	271.333
25)	L5 AR-1248-5	6.552	5.698	14485646	20424181	259.791	267.251

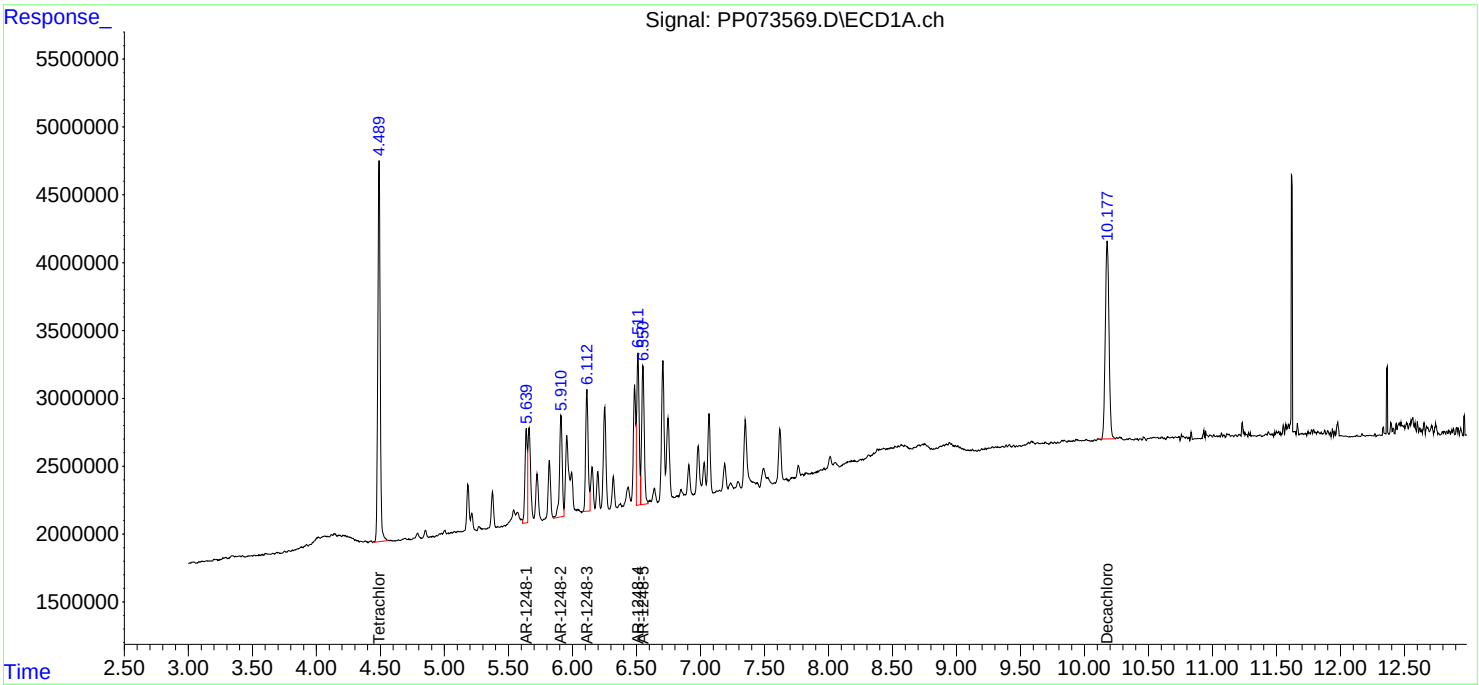
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

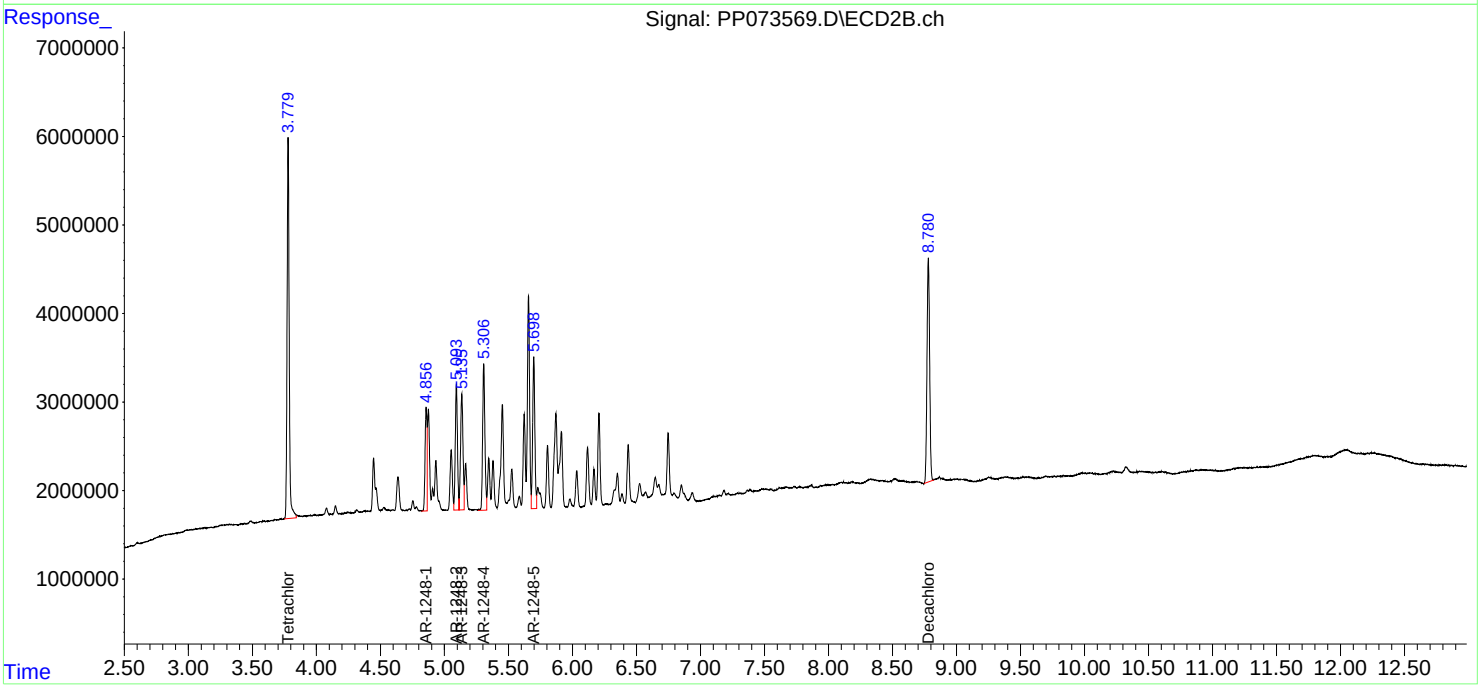
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:08
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

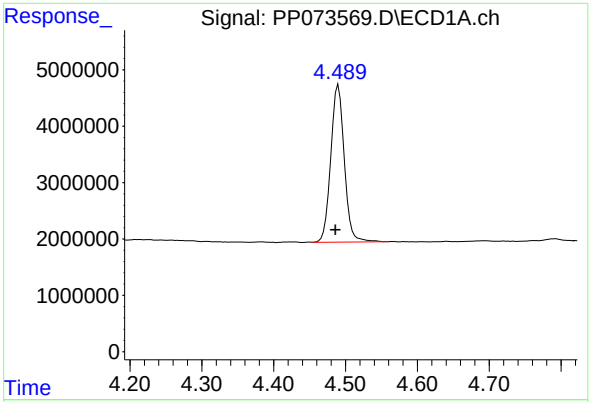
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



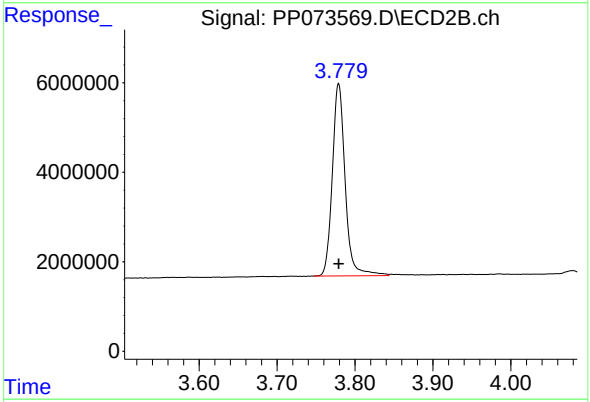




#1 Tetrachloro-m-xylene

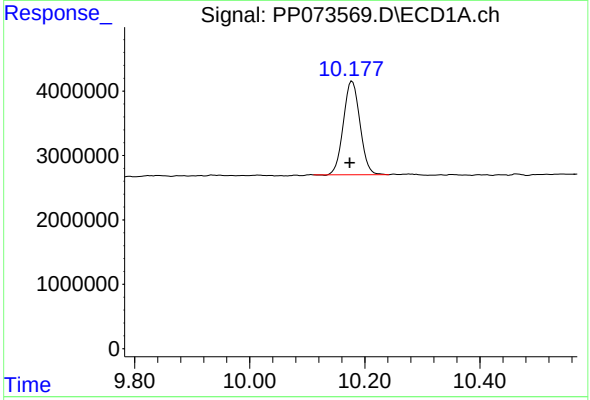
R.T.: 4.490 min
Delta R.T.: 0.004 min
Response: 36421864
Conc: 25.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



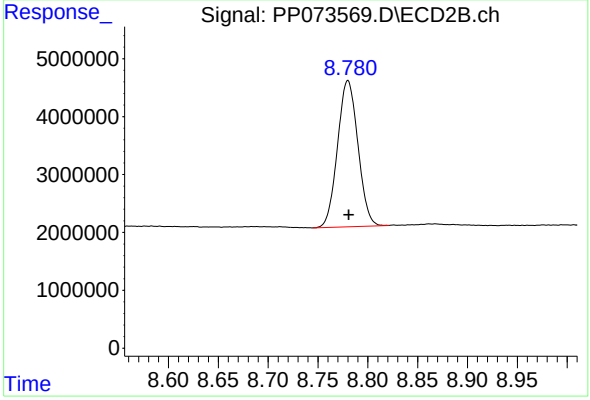
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 49176634
Conc: 25.74 ng/ml



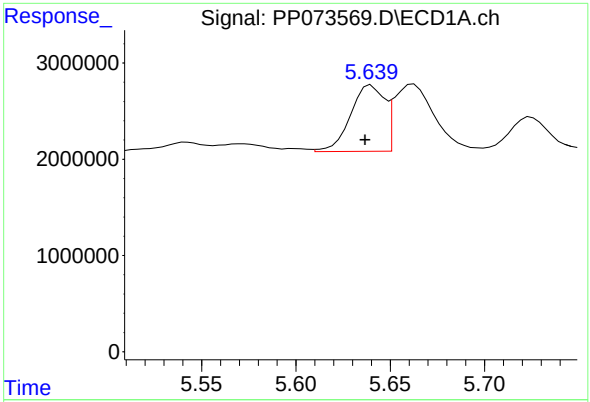
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.004 min
Response: 29322870
Conc: 25.61 ng/ml



#2 Decachlorobiphenyl

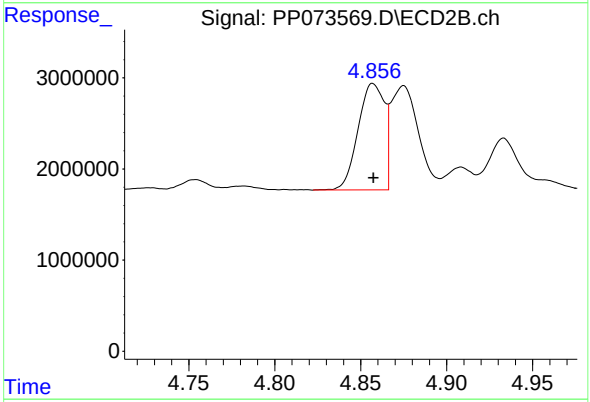
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 36021021
Conc: 26.48 ng/ml



#21 AR-1248-1

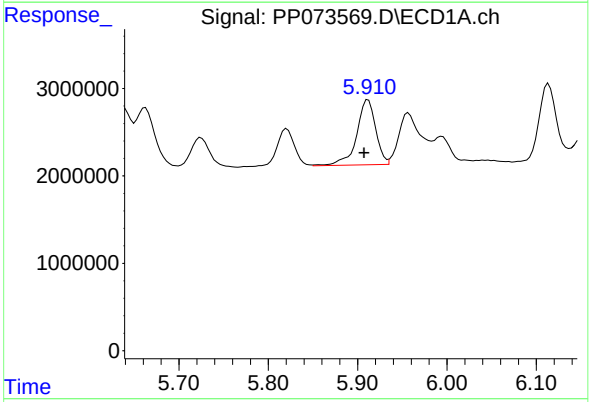
R.T.: 5.640 min
Delta R.T.: 0.003 min
Response: 8580276
Conc: 272.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



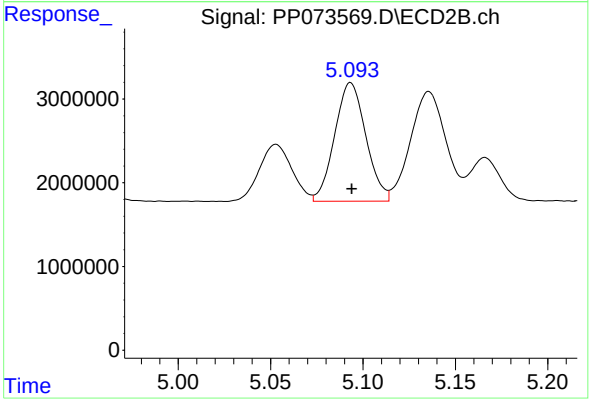
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 12460998
Conc: 275.77 ng/ml



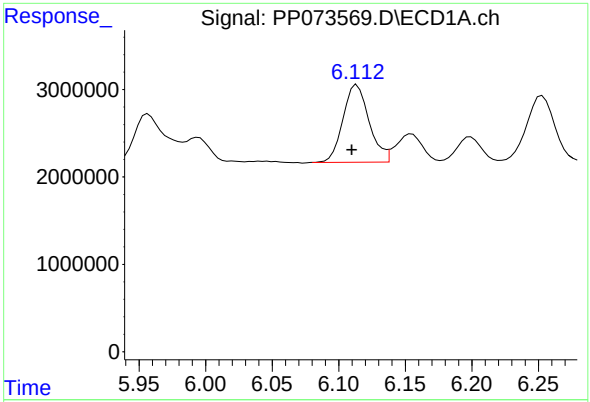
#22 AR-1248-2

R.T.: 5.912 min
Delta R.T.: 0.004 min
Response: 11018738
Conc: 271.83 ng/ml



#22 AR-1248-2

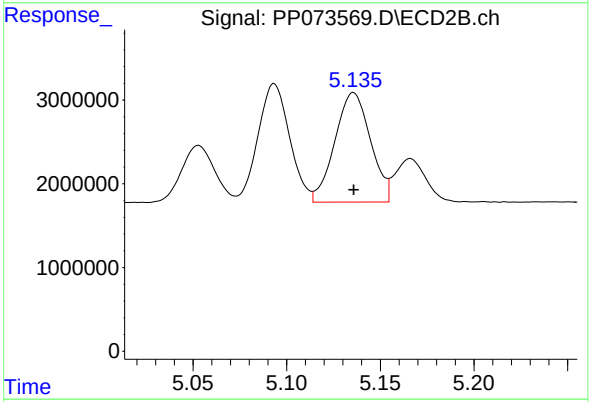
R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 16676734
Conc: 269.46 ng/ml



#23 AR-1248-3

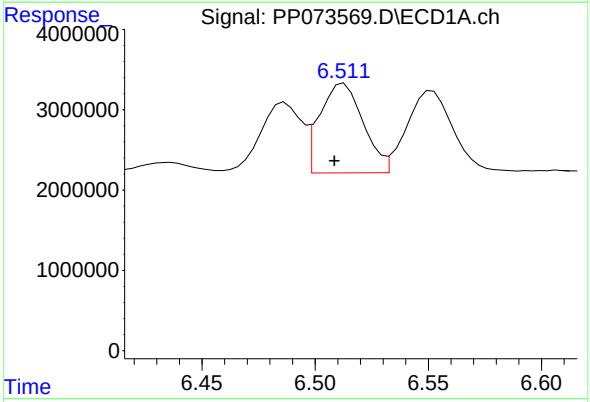
R.T.: 6.114 min
Delta R.T.: 0.004 min
Response: 12142276
Conc: 263.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



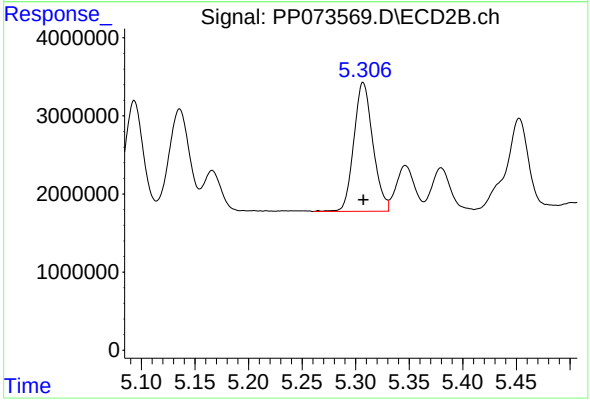
#23 AR-1248-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 17367378
Conc: 269.65 ng/ml



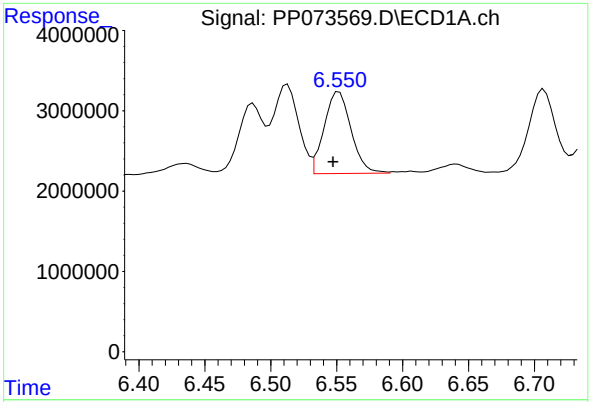
#24 AR-1248-4

R.T.: 6.513 min
Delta R.T.: 0.004 min
Response: 14943654
Conc: 261.49 ng/ml



#24 AR-1248-4

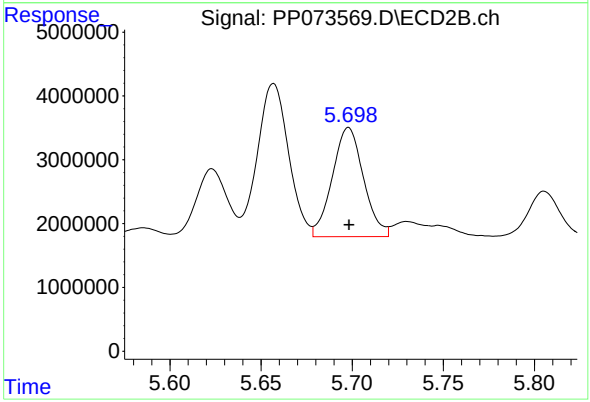
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 20433630
Conc: 271.33 ng/ml



#25 AR-1248-5

R.T.: 6.552 min
Delta R.T.: 0.005 min
Response: 14485646
Conc: 259.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 20424181
Conc: 267.25 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.779	6203851	8373290	4.383	4.383
2)	SA Decachlor...	10.173	8.780	4448332	5794229	3.885	4.259
	Target Compounds						
21)	L5 AR-1248-1	5.634	4.857	1447041	2193065	45.996m	48.535
22)	L5 AR-1248-2	5.906	5.093	1882218	3238127	46.434	52.322
23)	L5 AR-1248-3	6.108	5.135	1881440	3334641	40.834	51.774 #
24)	L5 AR-1248-4	6.506	5.307	2458929	3957834	43.028m	52.555
25)	L5 AR-1248-5	6.545	5.698	2487202	3594939	44.606m	47.040

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

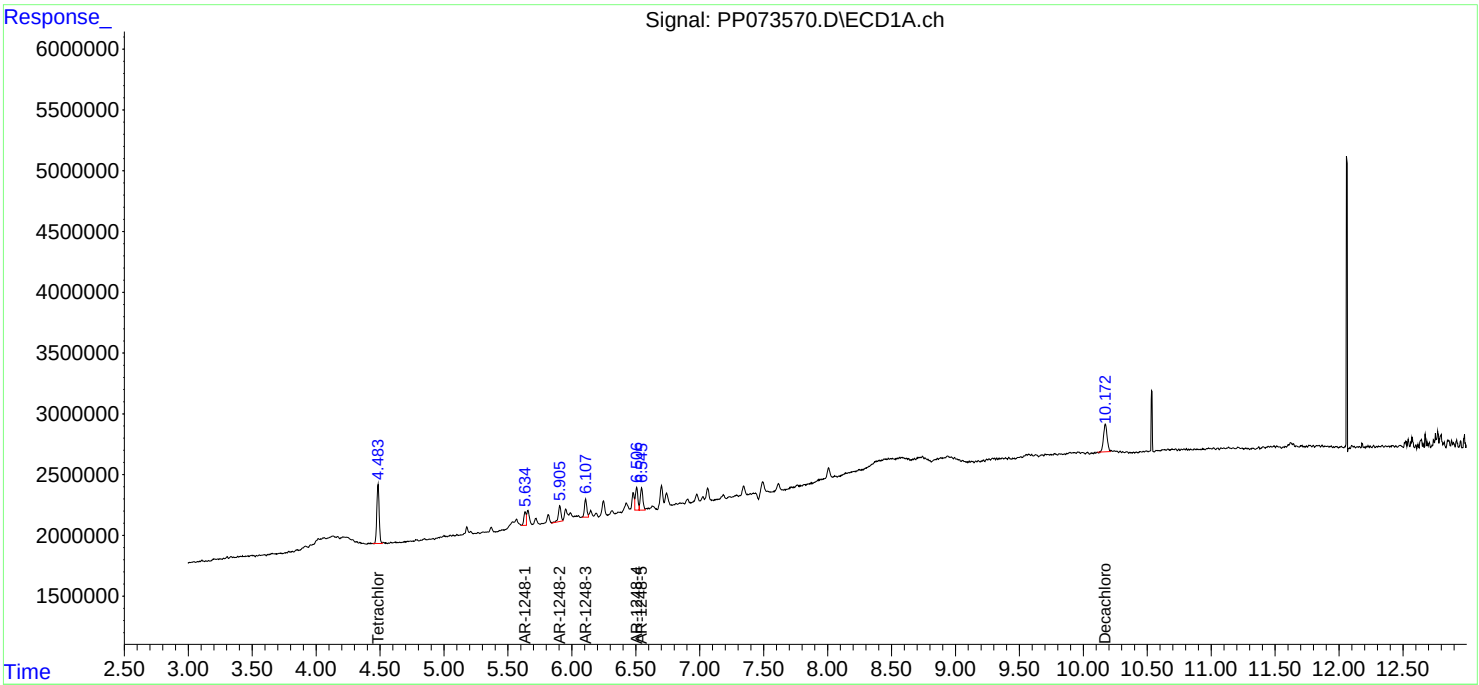
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

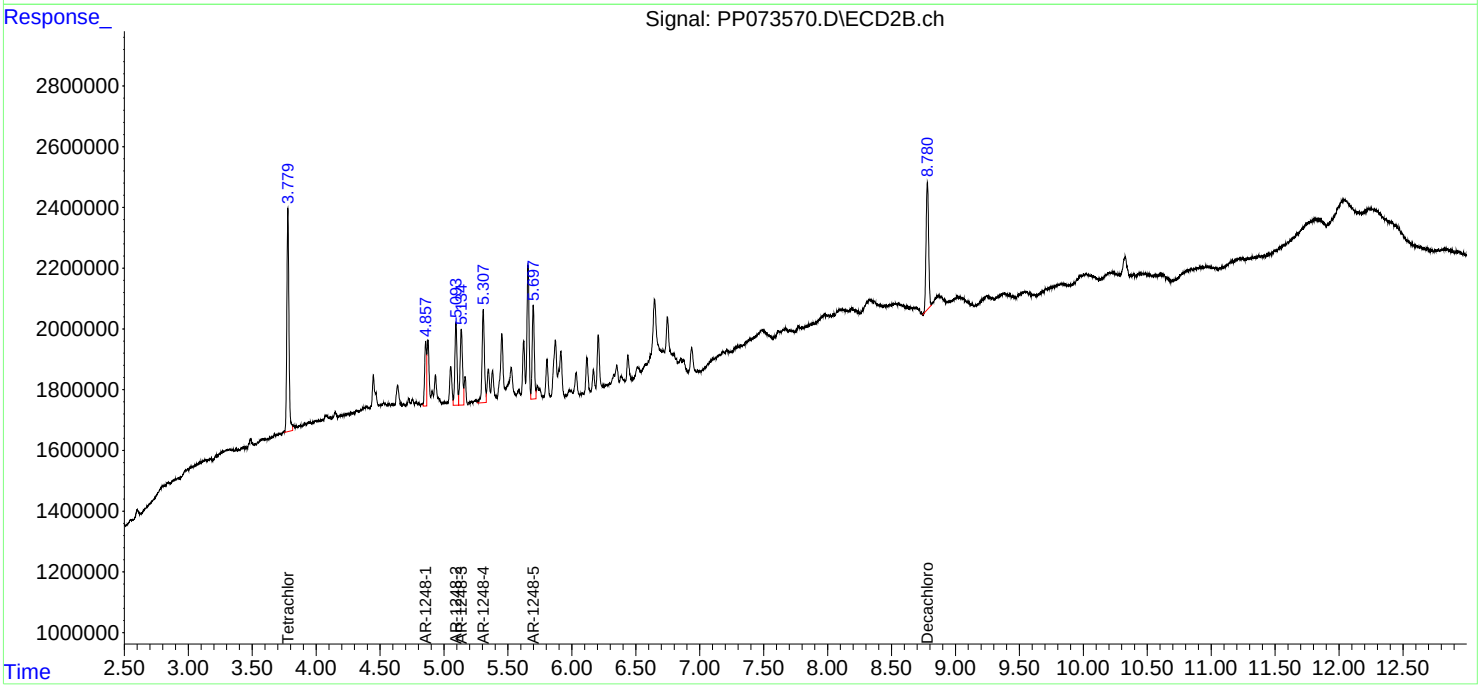
Manual Integrations APPROVED

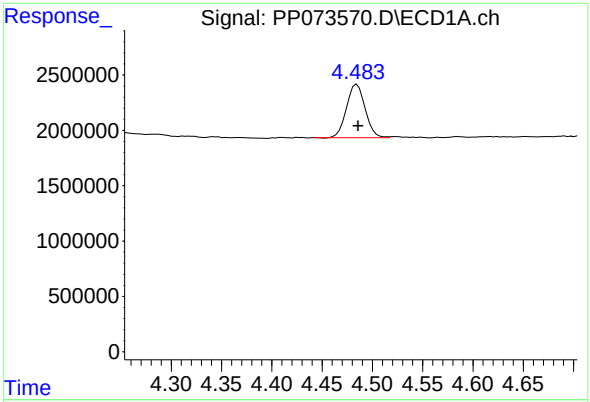
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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







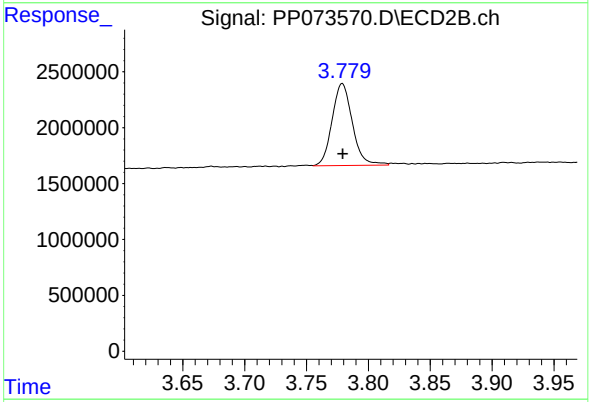
#1 Tetrachloro-m-xylene

R.T.: 4.485 min
Delta R.T.: -0.001 min
Response: 6203851
Conc: 4.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

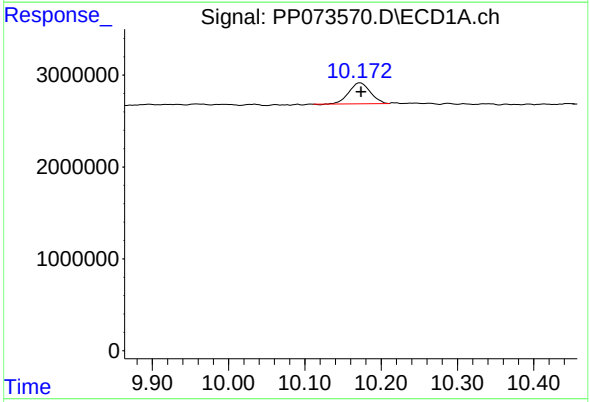
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



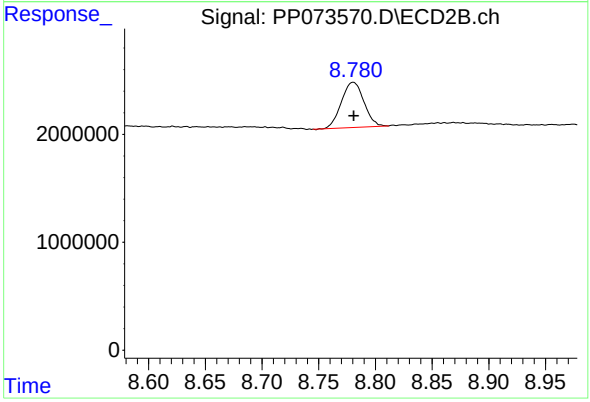
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 8373290
Conc: 4.38 ng/ml



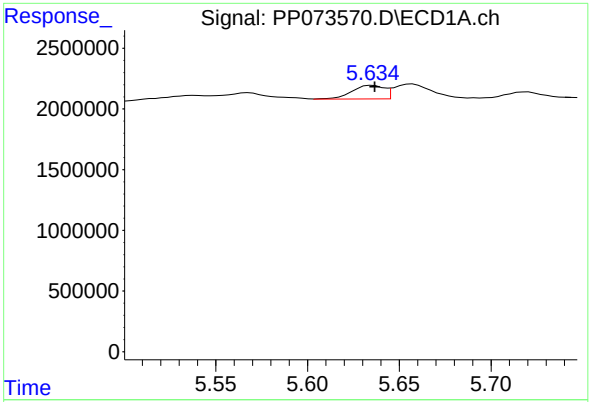
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 4448332
Conc: 3.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 5794229
Conc: 4.26 ng/ml



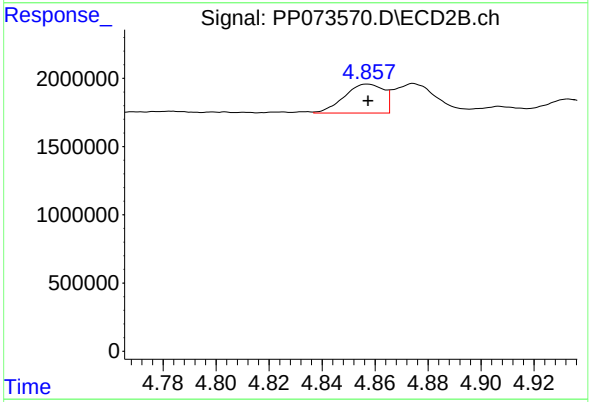
#21 AR-1248-1

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 1447041
Conc: 46.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

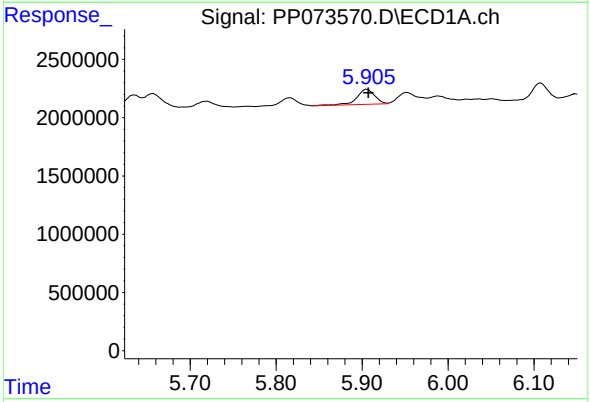
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



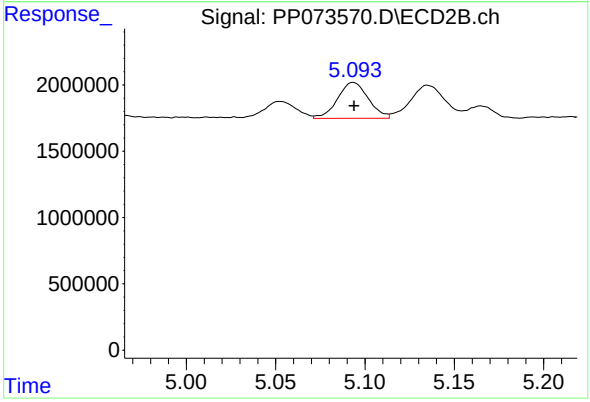
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 2193065
Conc: 48.53 ng/ml



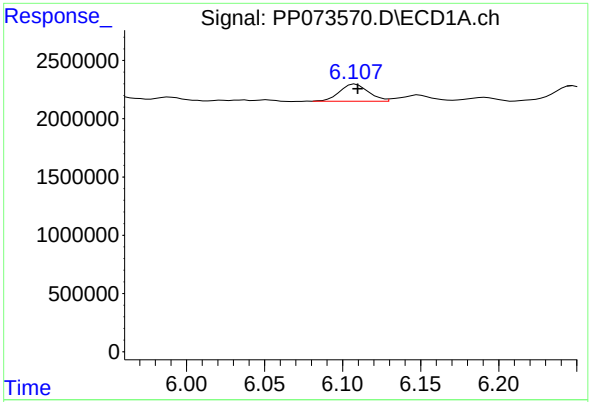
#22 AR-1248-2

R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 1882218
Conc: 46.43 ng/ml



#22 AR-1248-2

R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 3238127
Conc: 52.32 ng/ml



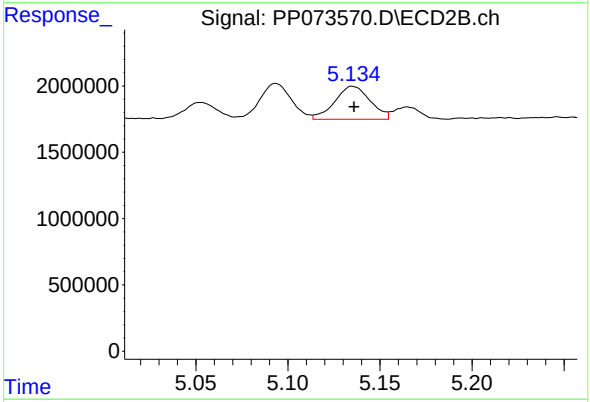
#23 AR-1248-3

R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 1881440
Conc: 40.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

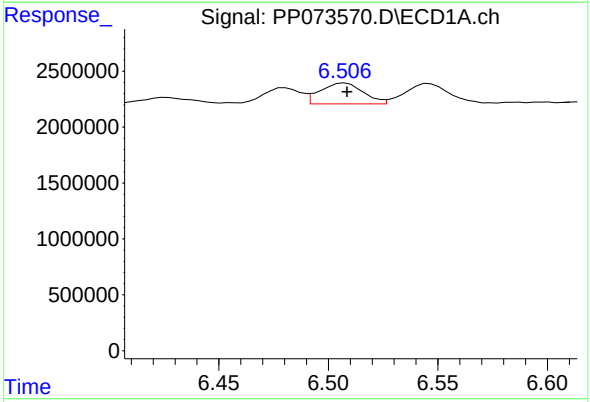
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



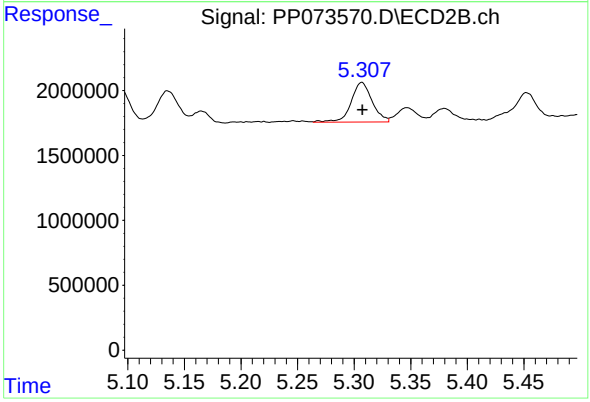
#23 AR-1248-3

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 3334641
Conc: 51.77 ng/ml



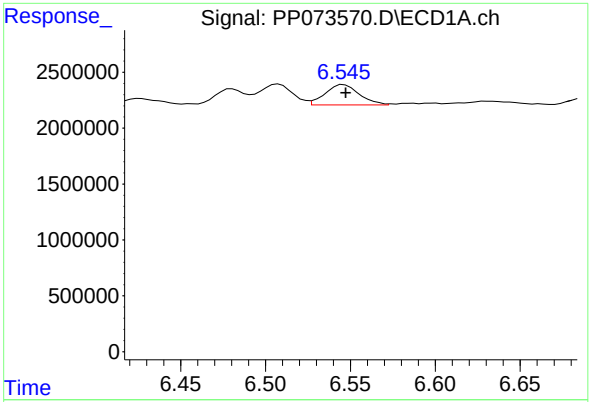
#24 AR-1248-4

R.T.: 6.506 min
Delta R.T.: -0.002 min
Response: 2458929
Conc: 43.03 ng/ml m



#24 AR-1248-4

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 3957834
Conc: 52.56 ng/ml



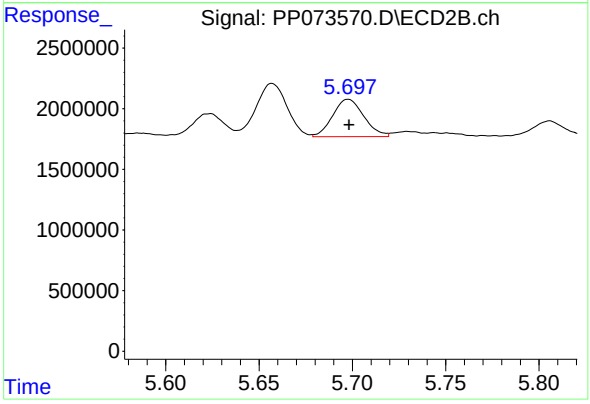
#25 AR-1248-5

R.T.: 6.545 min
Delta R.T.: -0.003 min
Response: 2487202
Conc: 44.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3594939
Conc: 47.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:41
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: Jul 08 02:43:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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...	4.489	3.780	135.2E6	181.0E6	96.465	95.662
2)	SA Decachlor...	10.177	8.782	110.7E6	134.8E6	96.695	98.240
	Target Compounds						
26)	L6 AR-1254-1	6.487	5.658	50900598	105.4E6	921.959	938.043
27)	L6 AR-1254-2	6.703	5.806	77237012	90612135	935.764	943.093
28)	L6 AR-1254-3	7.066	6.207	83677544	142.5E6	945.590	936.990
29)	L6 AR-1254-4	7.348	6.436	74438148	86996505	935.246	922.052
30)	L6 AR-1254-5	7.764	6.851	71888659	123.6E6	963.395	945.380

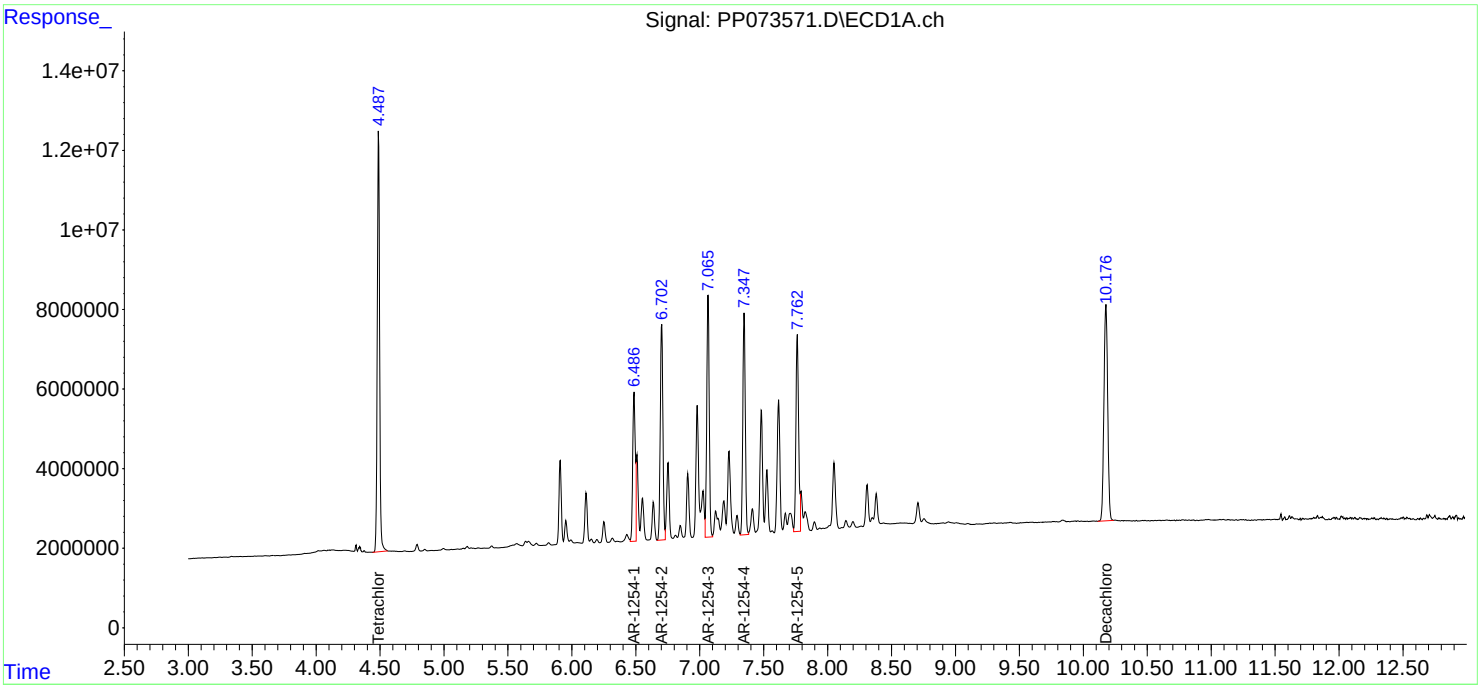
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

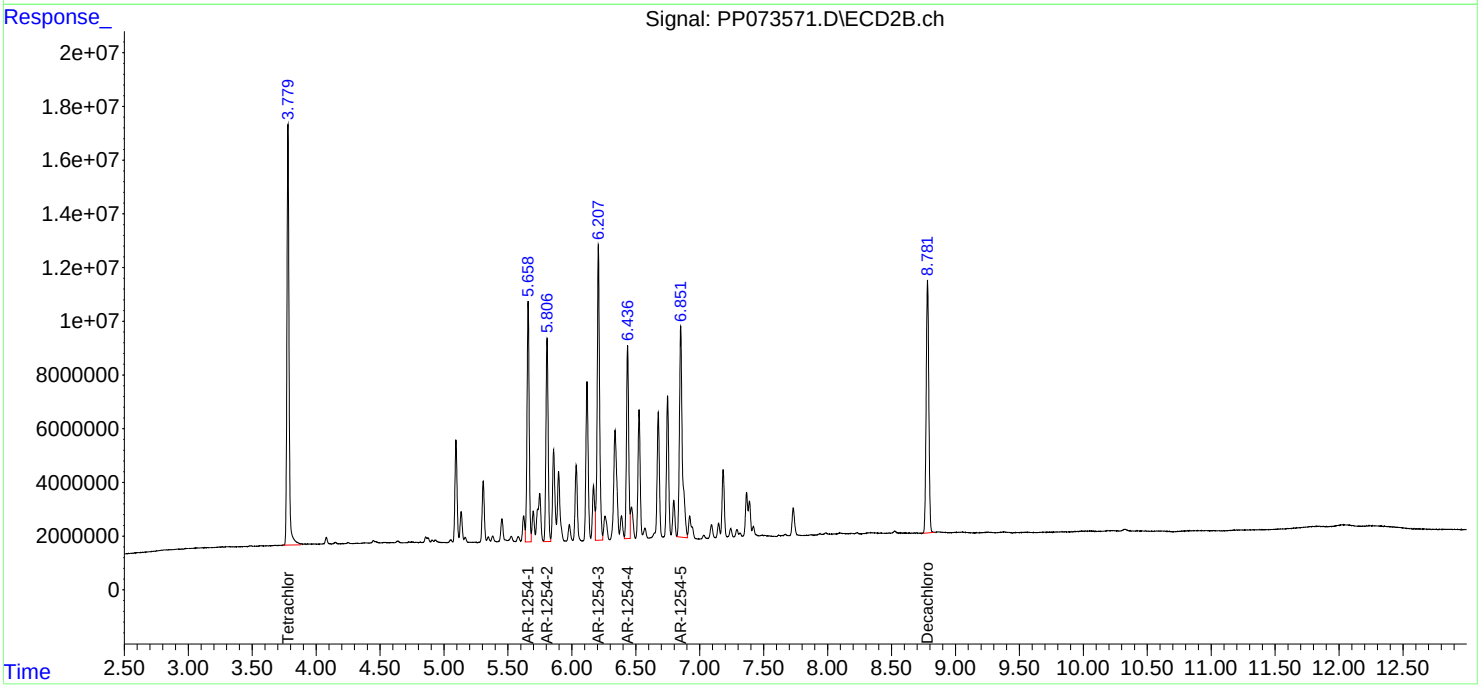
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:41
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

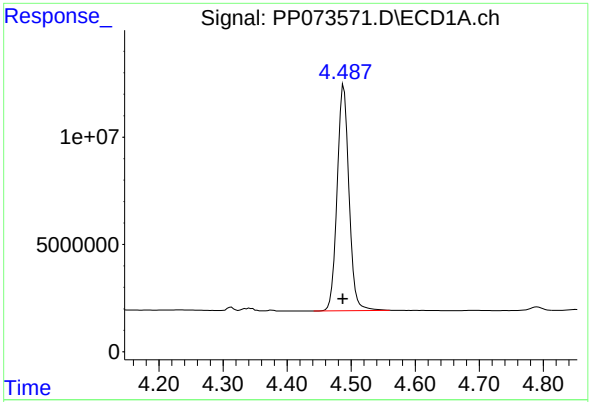
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:43:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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



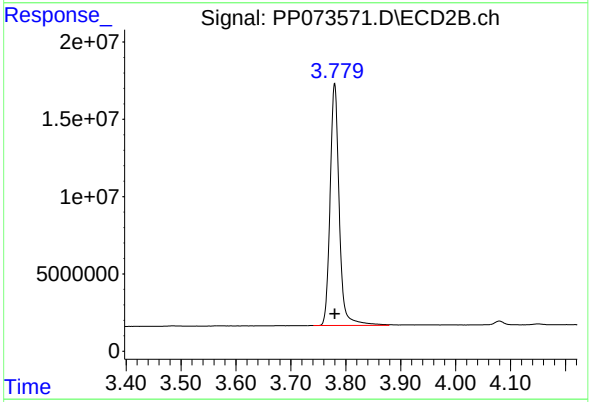




#1 Tetrachloro-m-xylene

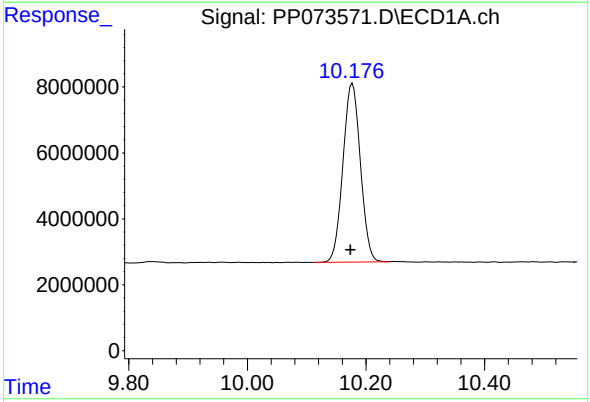
R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 135162400
Conc: 96.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



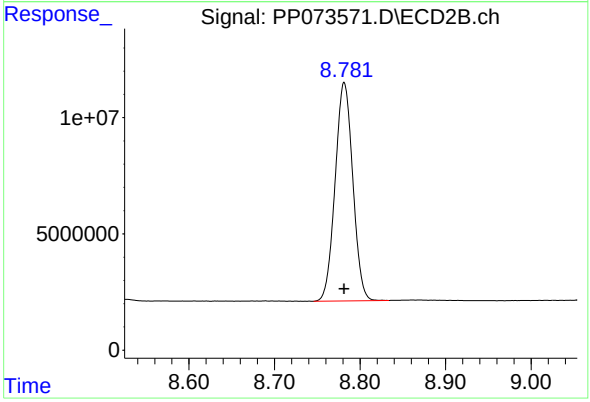
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 180994038
Conc: 95.66 ng/ml



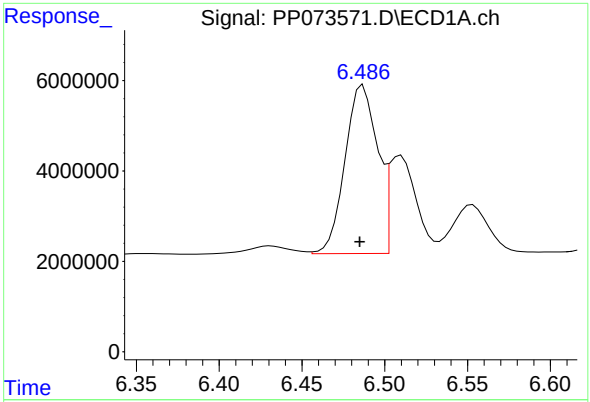
#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: 0.003 min
Response: 110743925
Conc: 96.70 ng/ml



#2 Decachlorobiphenyl

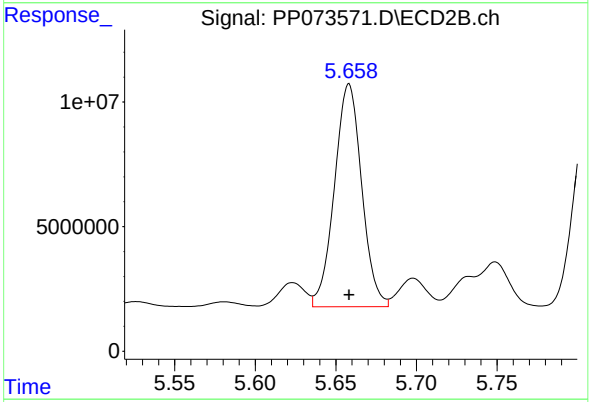
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 134819228
Conc: 98.24 ng/ml



#26 AR-1254-1

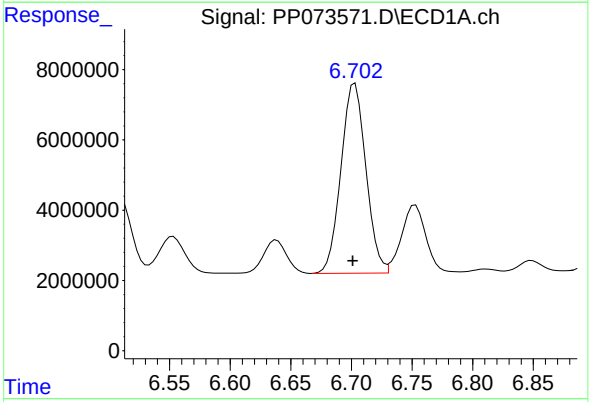
R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 50900598
Conc: 921.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



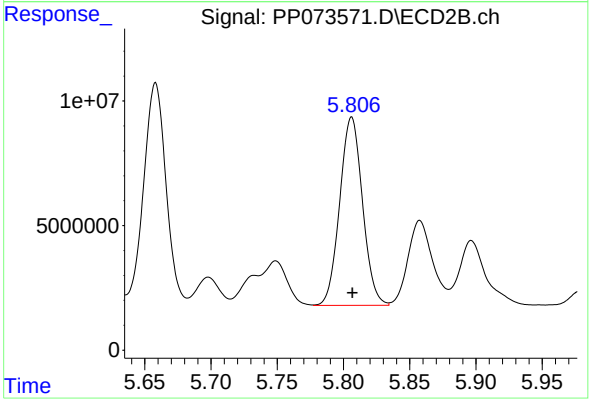
#26 AR-1254-1

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 105364555
Conc: 938.04 ng/ml



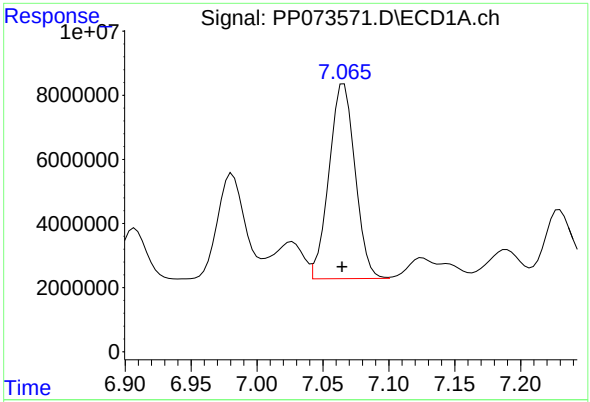
#27 AR-1254-2

R.T.: 6.703 min
Delta R.T.: 0.002 min
Response: 77237012
Conc: 935.76 ng/ml



#27 AR-1254-2

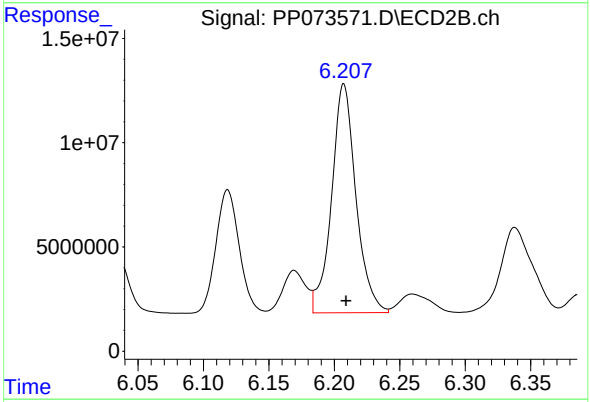
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 90612135
Conc: 943.09 ng/ml



#28 AR-1254-3

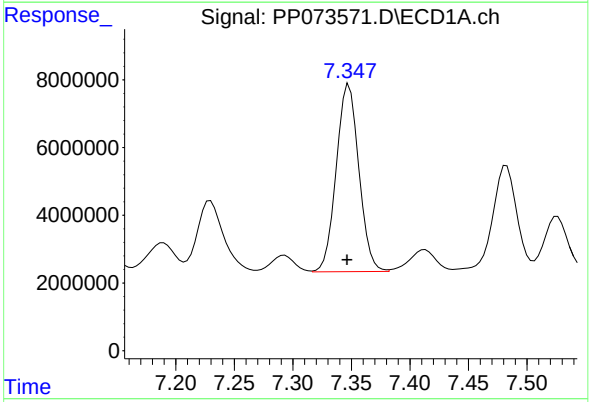
R.T.: 7.066 min
Delta R.T.: 0.002 min
Response: 83677544
Conc: 945.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



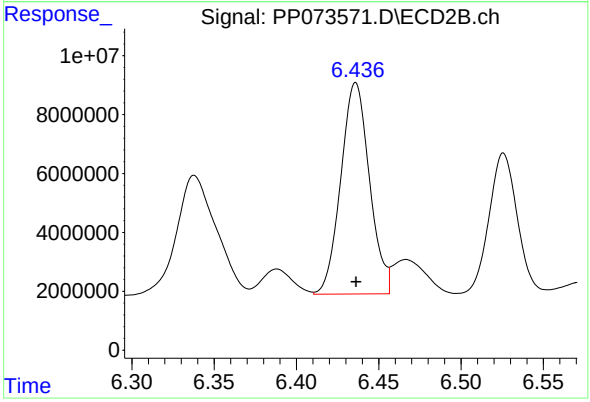
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 142515413
Conc: 936.99 ng/ml



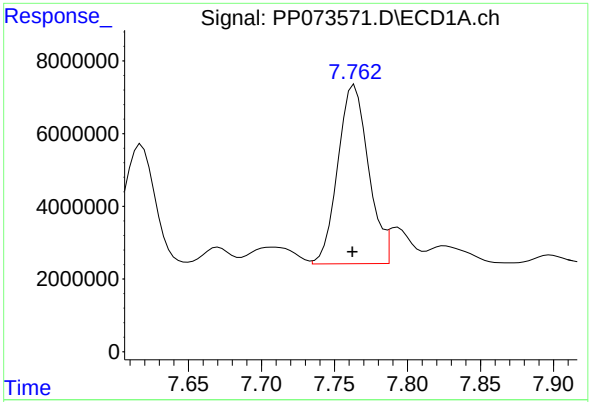
#29 AR-1254-4

R.T.: 7.348 min
Delta R.T.: 0.002 min
Response: 74438148
Conc: 935.25 ng/ml



#29 AR-1254-4

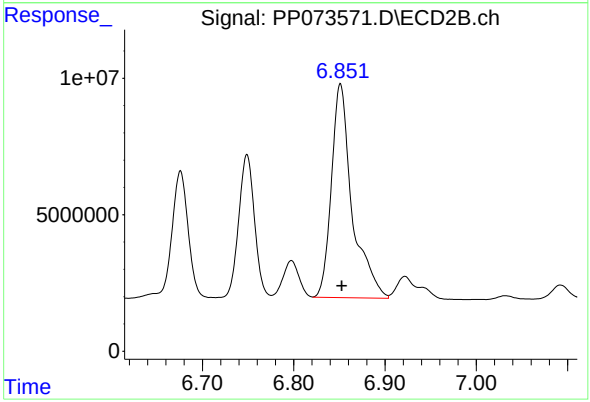
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 86996505
Conc: 922.05 ng/ml



#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 71888659
Conc: 963.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 123596587
Conc: 945.38 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:57
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: Jul 08 02:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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...	4.488	3.779	104.7E6	146.2E6	74.706	77.291
2)	SA Decachlor...	10.175	8.780	84962440	104.9E6	74.184	76.426
	Target Compounds						
26)	L6 AR-1254-1	6.486	5.657	39869819	83773101	722.159	745.818
27)	L6 AR-1254-2	6.702	5.805	60389680	72154275	731.651	750.983
28)	L6 AR-1254-3	7.066	6.207	64508177	114.2E6	728.969	750.593
29)	L6 AR-1254-4	7.348	6.435	57167227	70426326	718.253	746.429
30)	L6 AR-1254-5	7.764	6.851	55929557	98283712	749.524	751.764

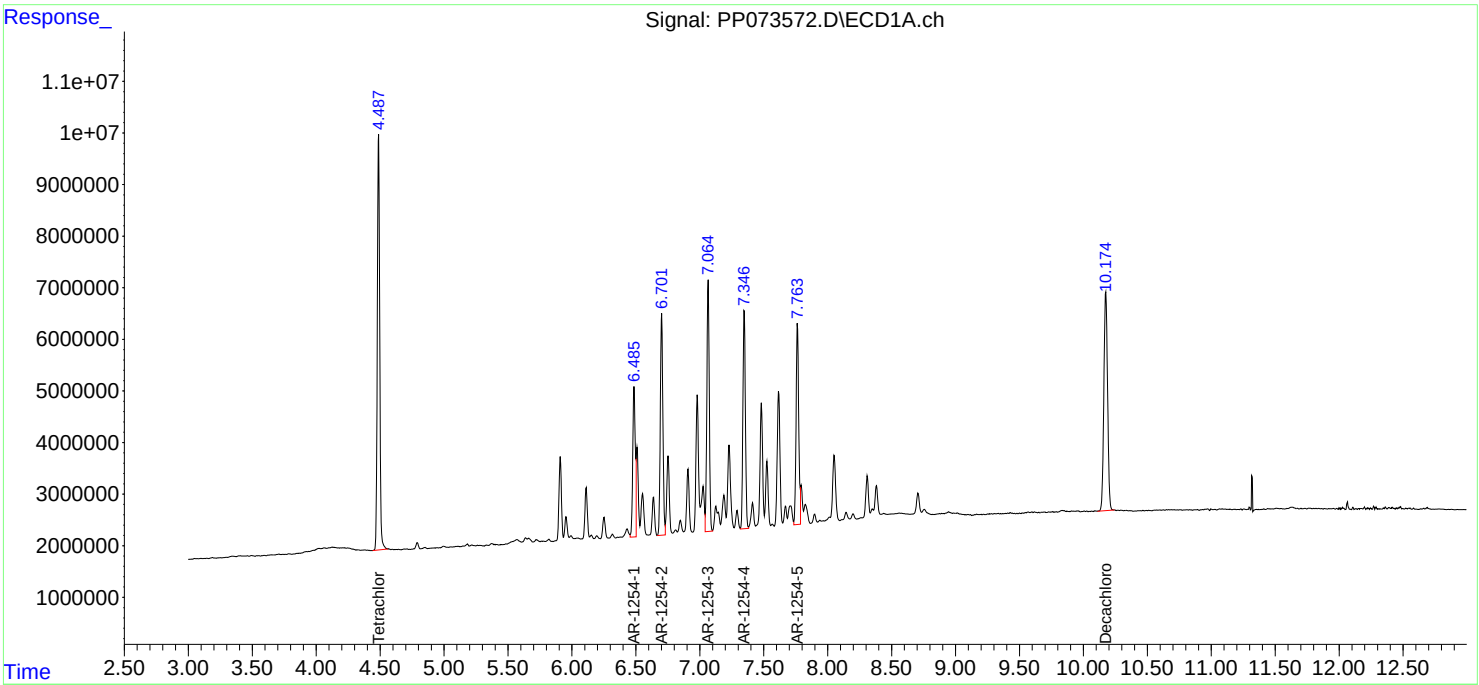
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

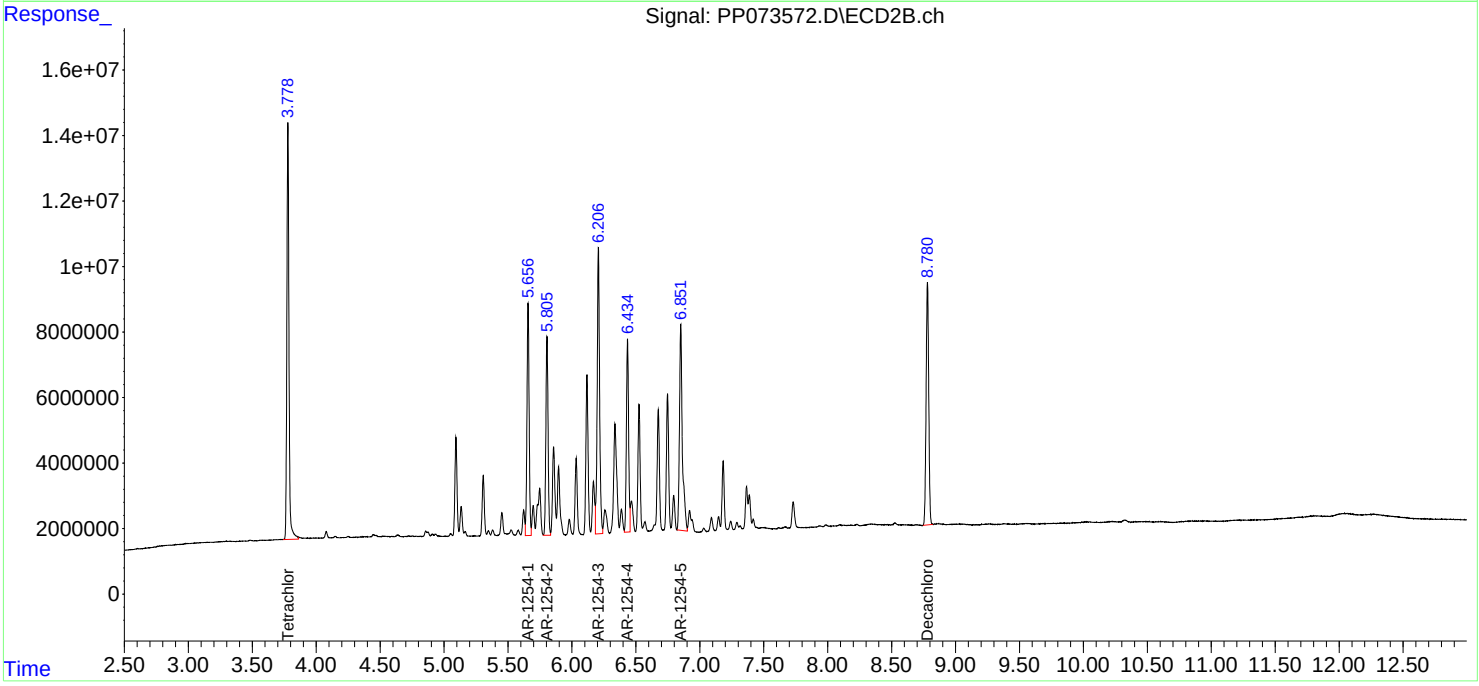
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:57
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

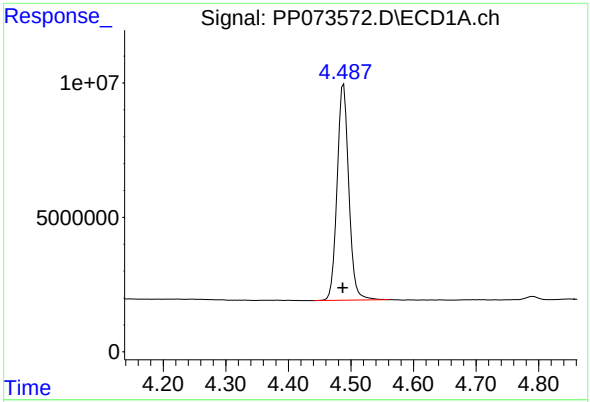
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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



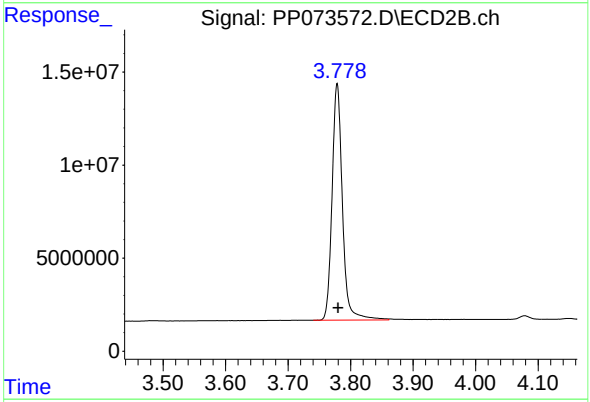




#1 Tetrachloro-m-xylene

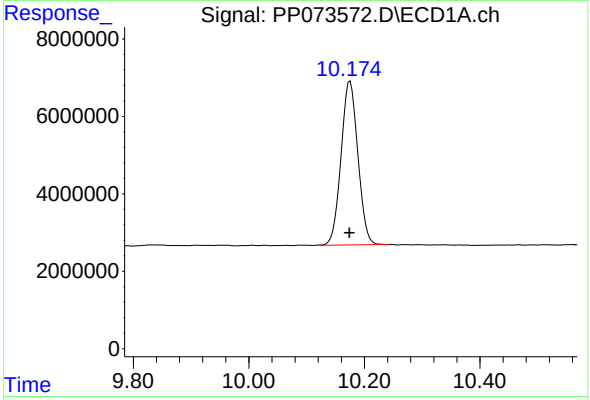
R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 104674567
Conc: 74.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



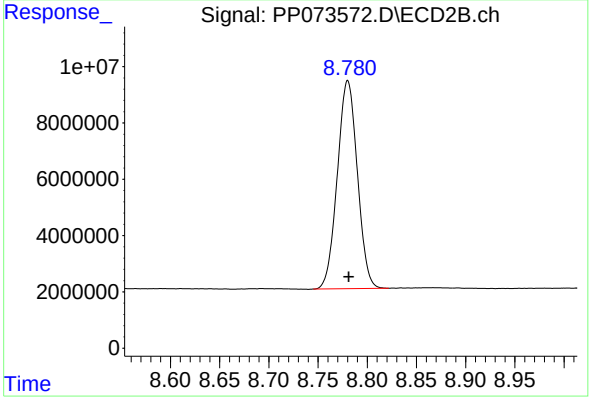
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 146235464
Conc: 77.29 ng/ml



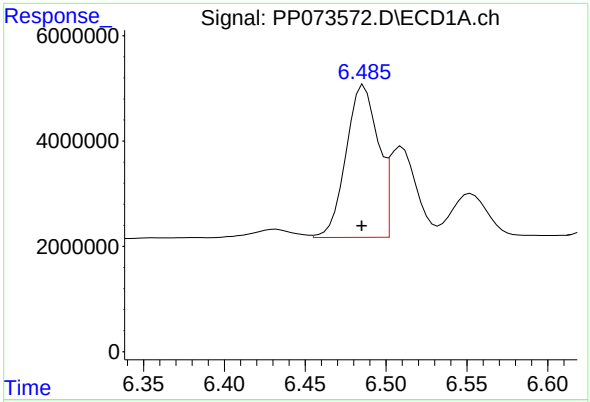
#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: 0.001 min
Response: 84962440
Conc: 74.18 ng/ml



#2 Decachlorobiphenyl

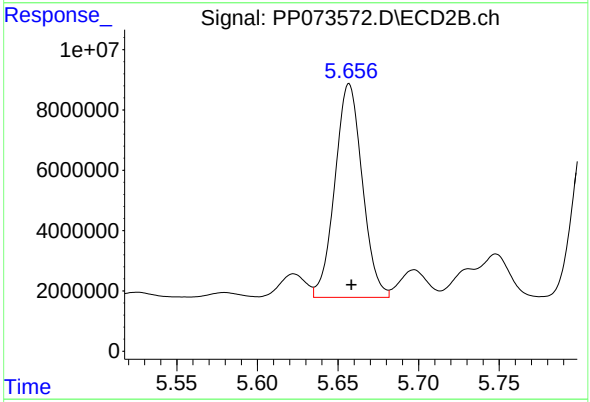
R.T.: 8.780 min
Delta R.T.: -0.001 min
Response: 104882292
Conc: 76.43 ng/ml



#26 AR-1254-1

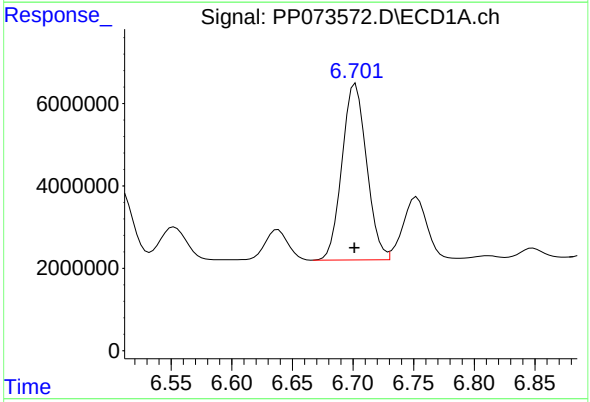
R.T.: 6.486 min
Delta R.T.: 0.001 min
Response: 39869819
Conc: 722.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



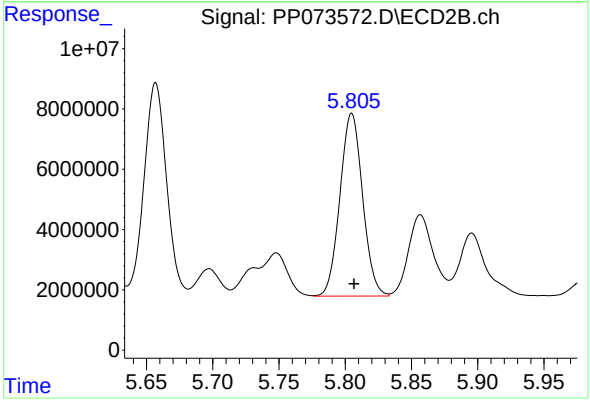
#26 AR-1254-1

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 83773101
Conc: 745.82 ng/ml



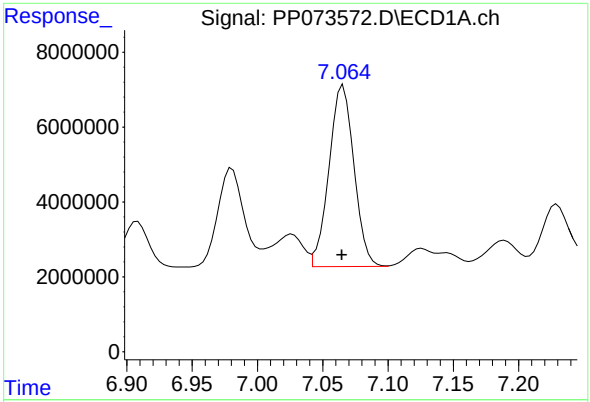
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 60389680
Conc: 731.65 ng/ml



#27 AR-1254-2

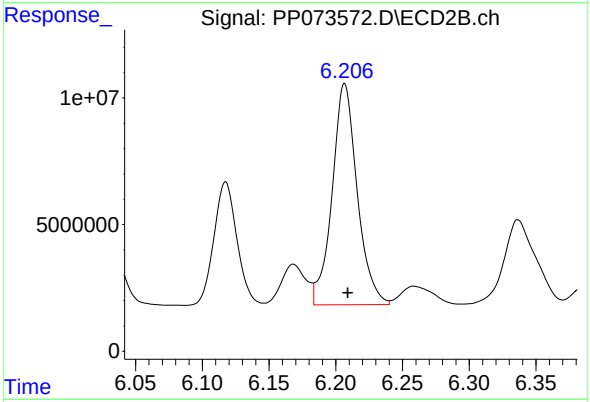
R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 72154275
Conc: 750.98 ng/ml



#28 AR-1254-3

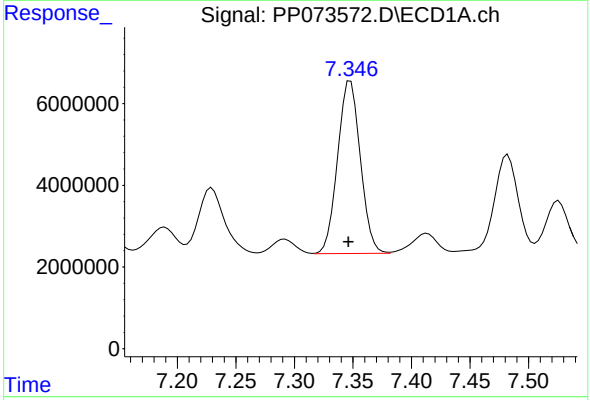
R.T.: 7.066 min
Delta R.T.: 0.001 min
Response: 64508177
Conc: 728.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



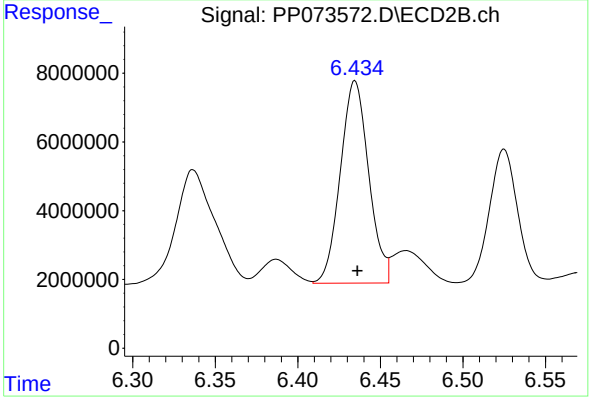
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 114164607
Conc: 750.59 ng/ml



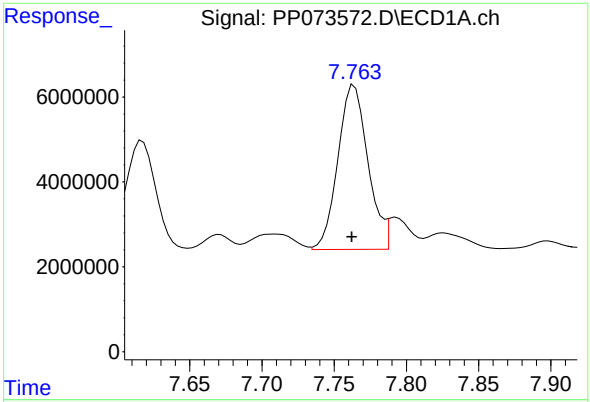
#29 AR-1254-4

R.T.: 7.348 min
Delta R.T.: 0.002 min
Response: 57167227
Conc: 718.25 ng/ml



#29 AR-1254-4

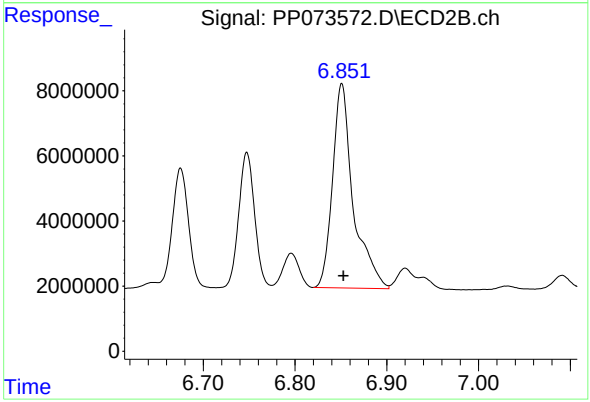
R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 70426326
Conc: 746.43 ng/ml



#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 55929557
Conc: 749.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 98283712
Conc: 751.76 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:14
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: Jul 08 02:44:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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...	4.487	3.780	70057774	94600770	50.000	50.000
2)	SA Decachlor...	10.174	8.781	57264429	68616932	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.485	5.658	27604602	56161903	500.000	500.000
27)	L6 AR-1254-2	6.701	5.807	41269473	48039880	500.000	500.000
28)	L6 AR-1254-3	7.064	6.209	44246186	76049574	500.000	500.000
29)	L6 AR-1254-4	7.346	6.436	39796020	47175510	500.000	500.000
30)	L6 AR-1254-5	7.762	6.853	37310051	65368722	500.000	500.000

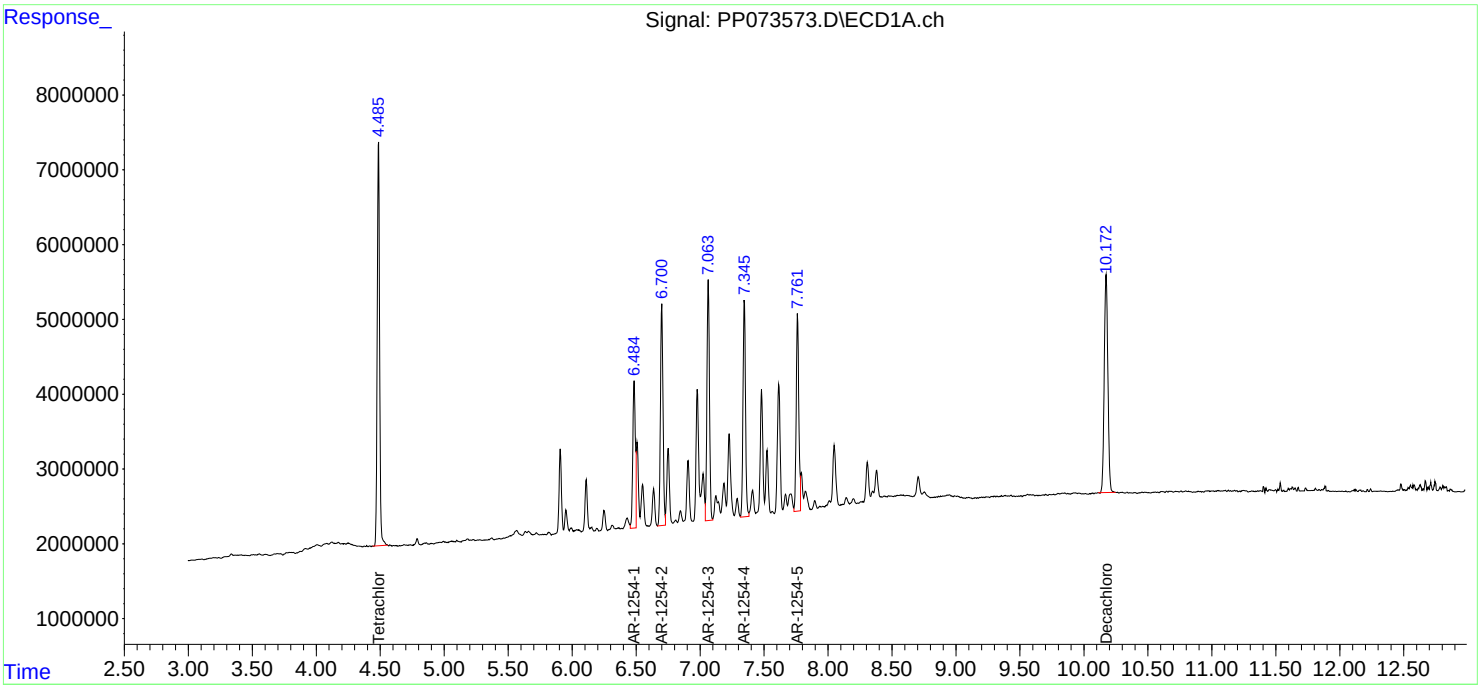
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

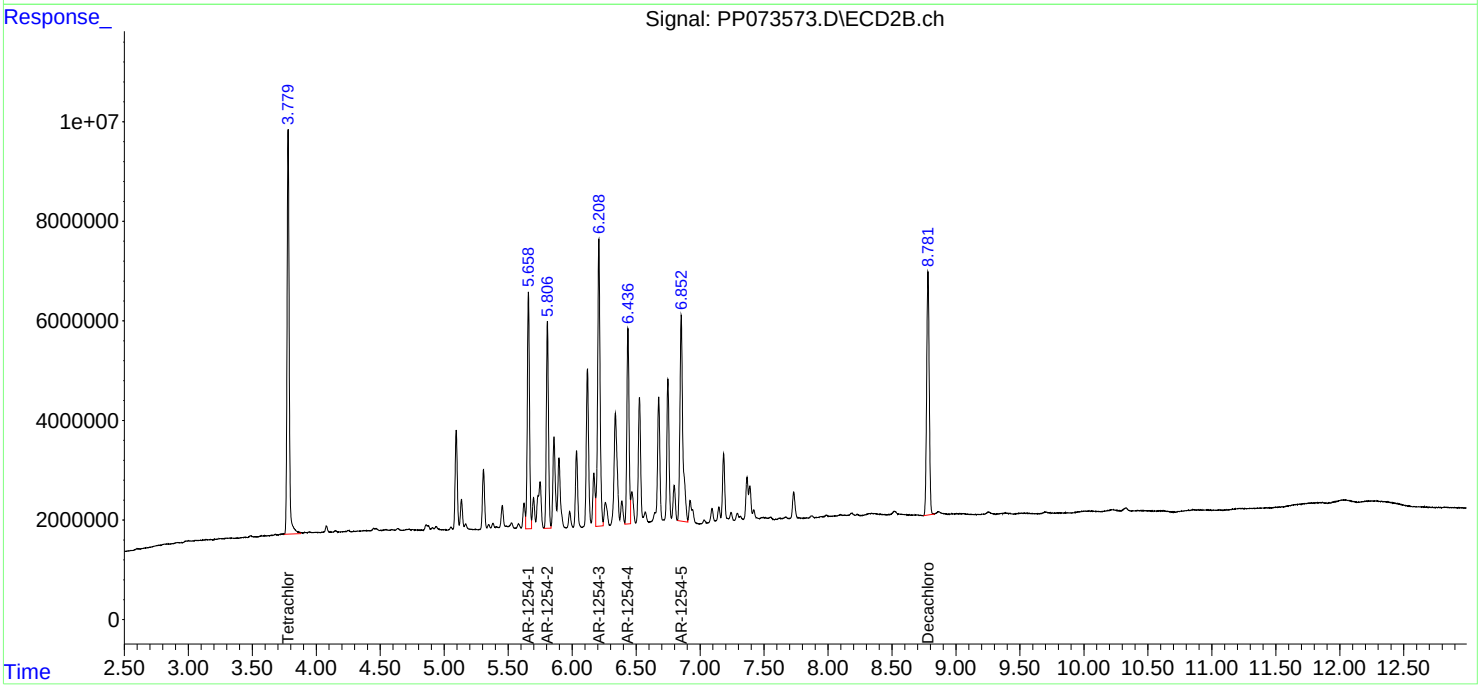
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:14
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

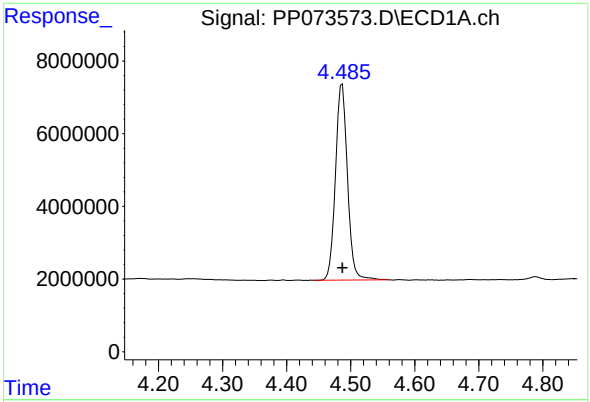
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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



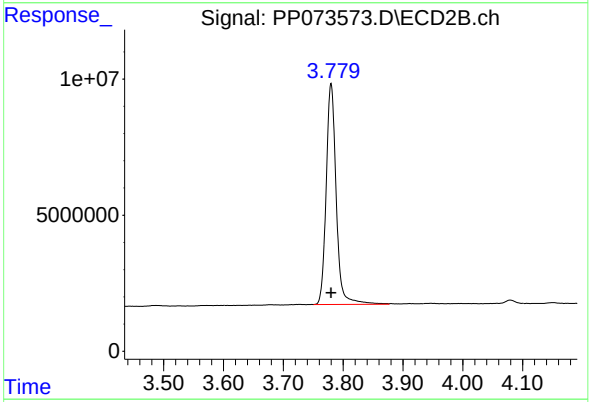




#1 Tetrachloro-m-xylene

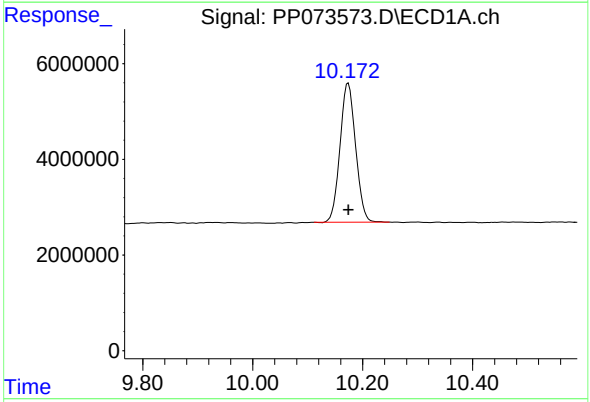
R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 70057774
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



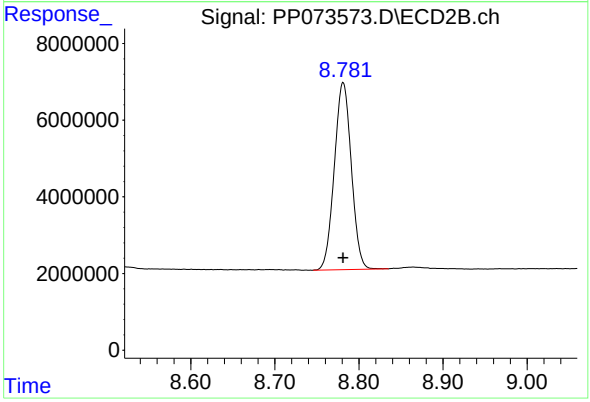
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 94600770
Conc: 50.00 ng/ml



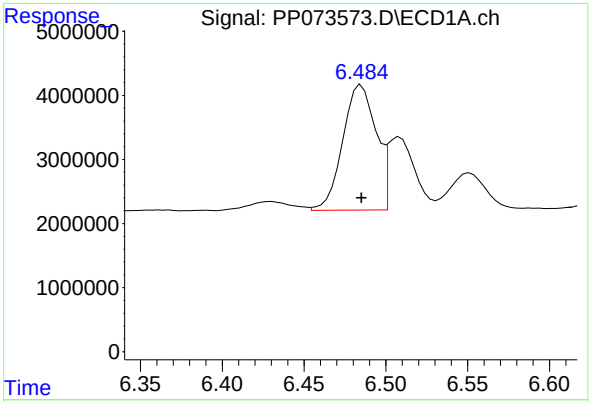
#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: 0.000 min
Response: 57264429
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

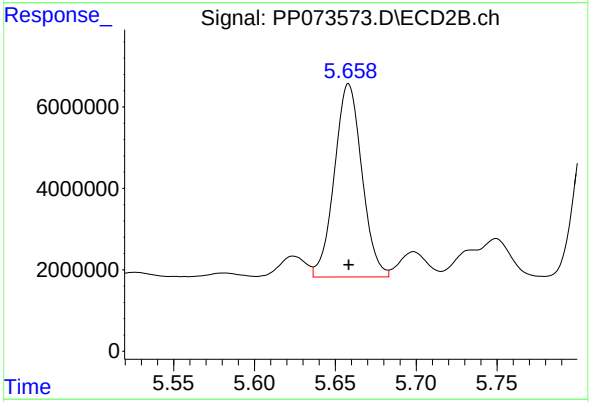
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 68616932
Conc: 50.00 ng/ml



#26 AR-1254-1

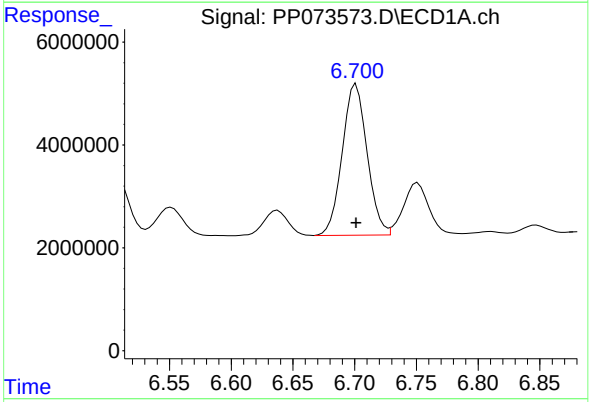
R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 27604602
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



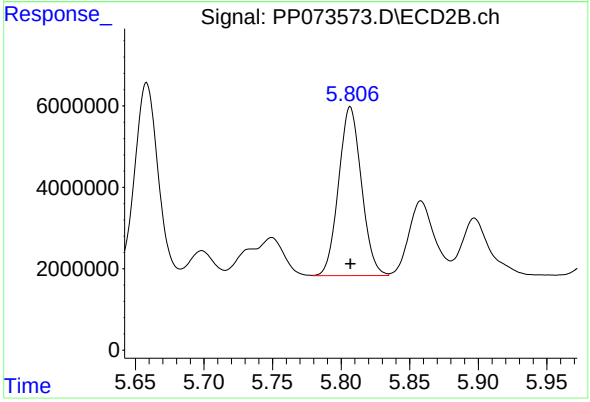
#26 AR-1254-1

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 56161903
Conc: 500.00 ng/ml



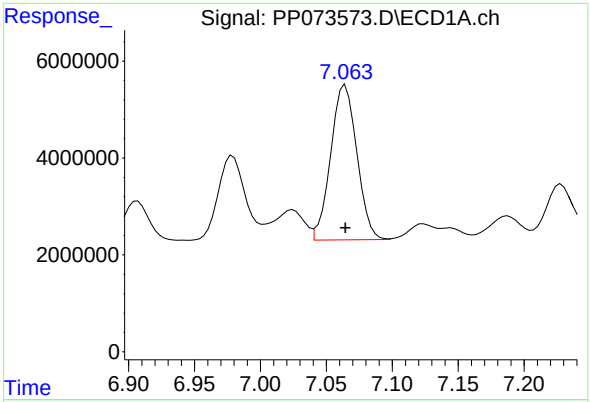
#27 AR-1254-2

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 41269473
Conc: 500.00 ng/ml



#27 AR-1254-2

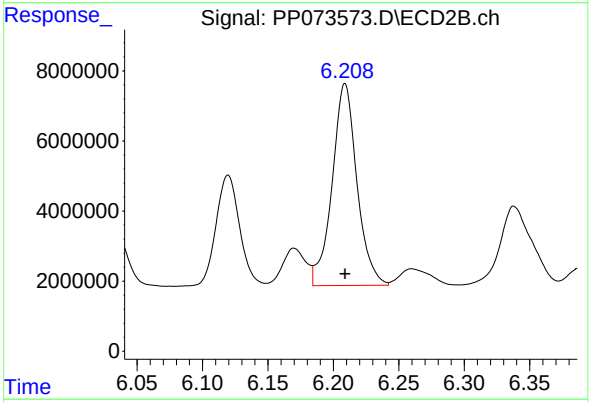
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 48039880
Conc: 500.00 ng/ml



#28 AR-1254-3

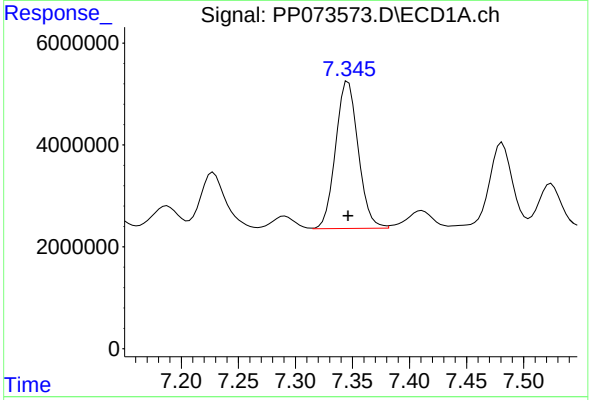
R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 44246186
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



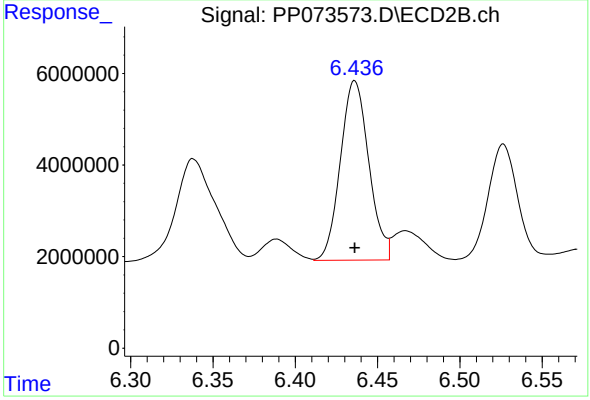
#28 AR-1254-3

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 76049574
Conc: 500.00 ng/ml



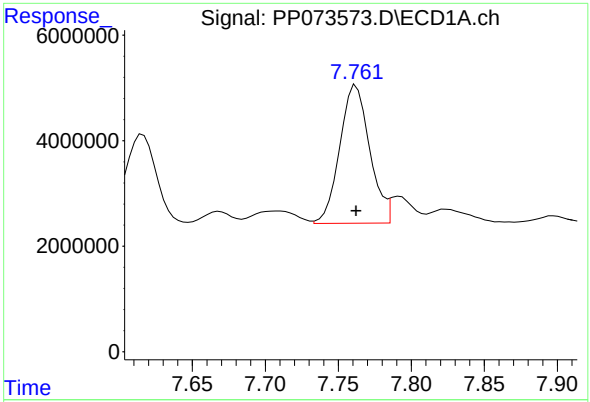
#29 AR-1254-4

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 39796020
Conc: 500.00 ng/ml



#29 AR-1254-4

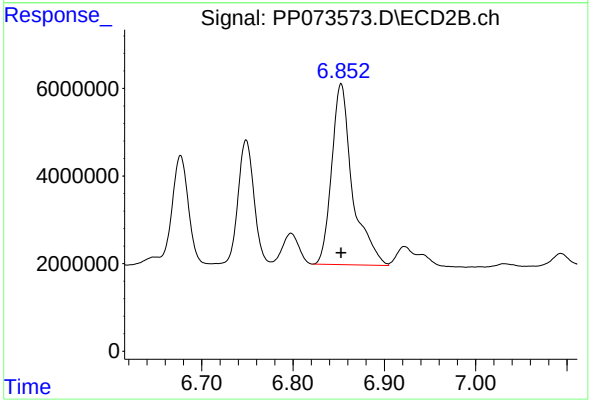
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 47175510
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 37310051
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 65368722
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:30
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: Jul 08 02:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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...	4.487	3.779	36639041	48313312	26.149	25.535
2)	SA Decachlor...	10.176	8.780	28626907	37692438	24.995	27.466
	Target Compounds						
26)	L6 AR-1254-1	6.484	5.657	14279096	30427905	258.636	270.895
27)	L6 AR-1254-2	6.701	5.805	21587177	26282271	261.539	273.546
28)	L6 AR-1254-3	7.064	6.207	23018010	40529659	260.113	266.469
29)	L6 AR-1254-4	7.346	6.435	20463711	25097390	257.108	266.000
30)	L6 AR-1254-5	7.762	6.851	19086937	35261681	255.788	269.714

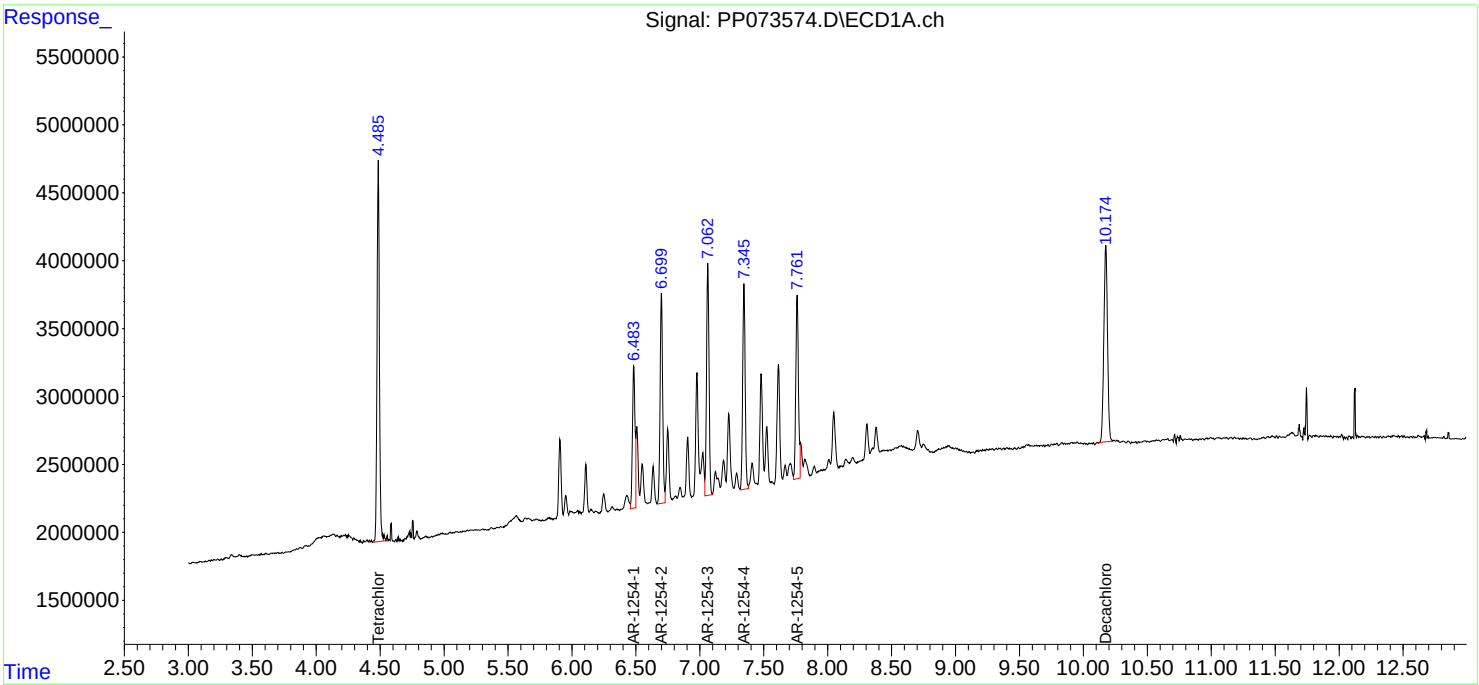
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

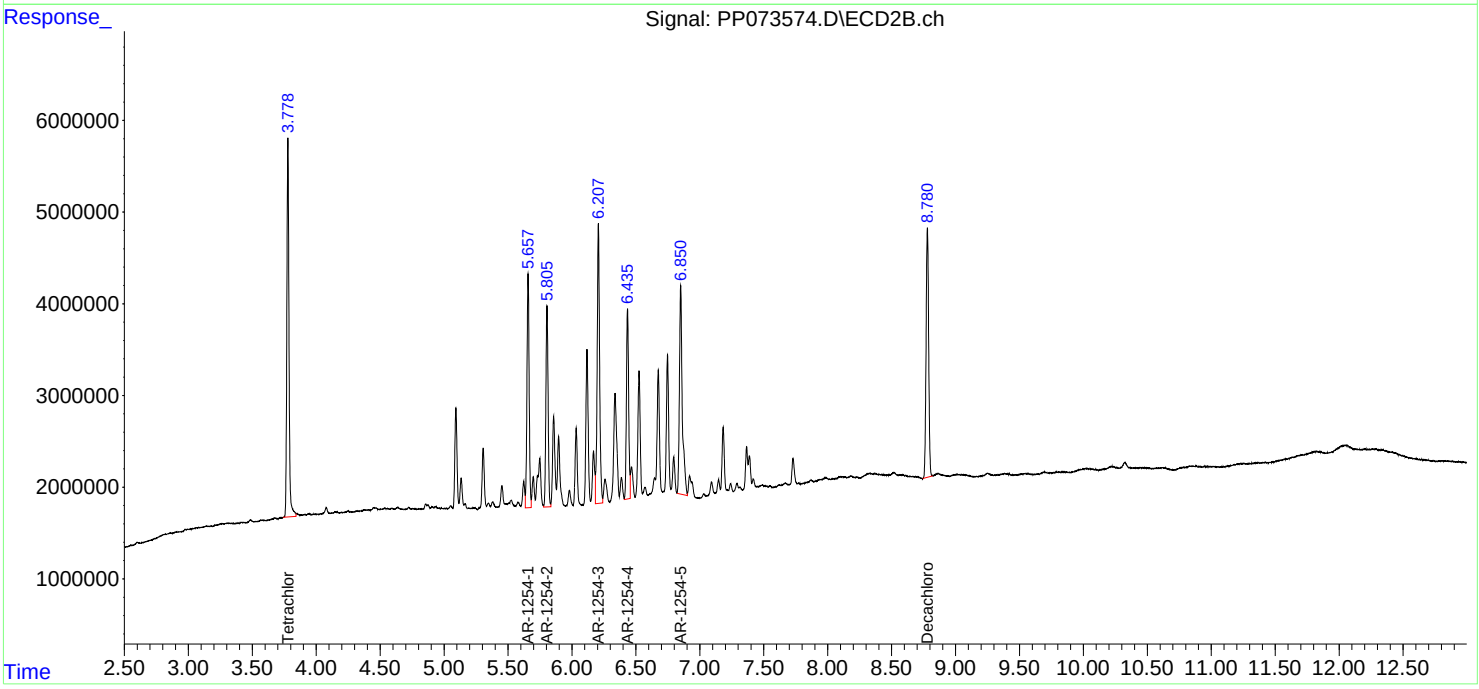
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:30
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

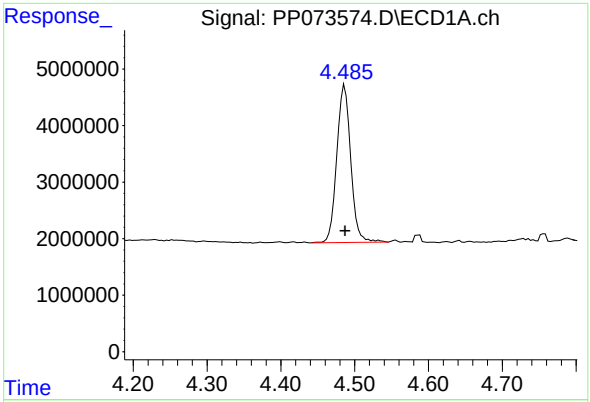
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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



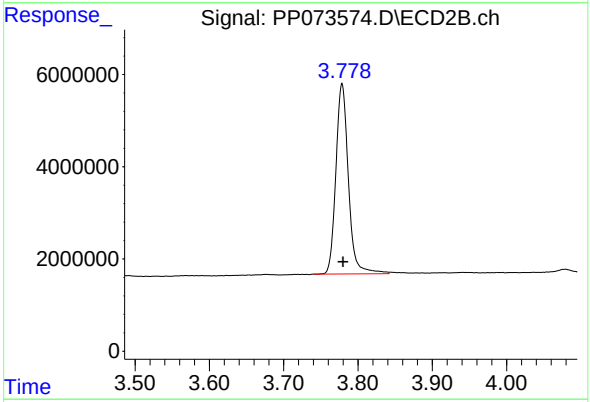




#1 Tetrachloro-m-xylene

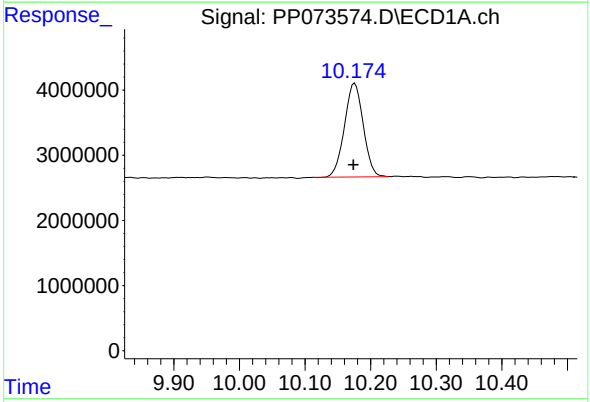
R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 36639041
Conc: 26.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



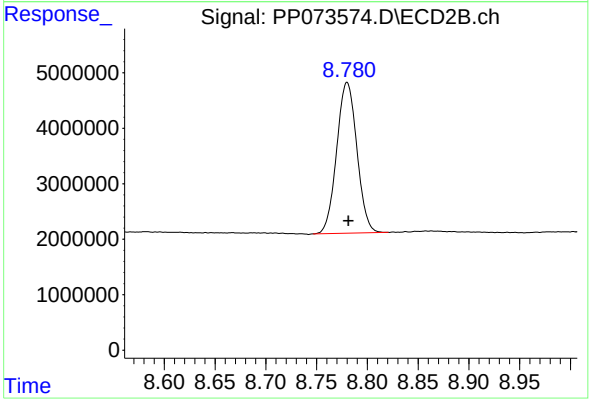
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.001 min
Response: 48313312
Conc: 25.54 ng/ml



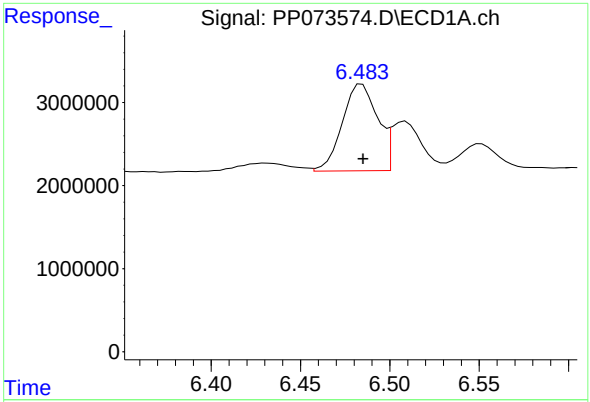
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.002 min
Response: 28626907
Conc: 25.00 ng/ml



#2 Decachlorobiphenyl

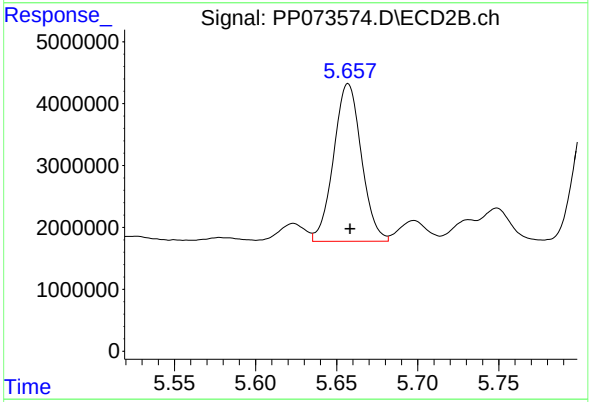
R.T.: 8.780 min
Delta R.T.: -0.001 min
Response: 37692438
Conc: 27.47 ng/ml



#26 AR-1254-1

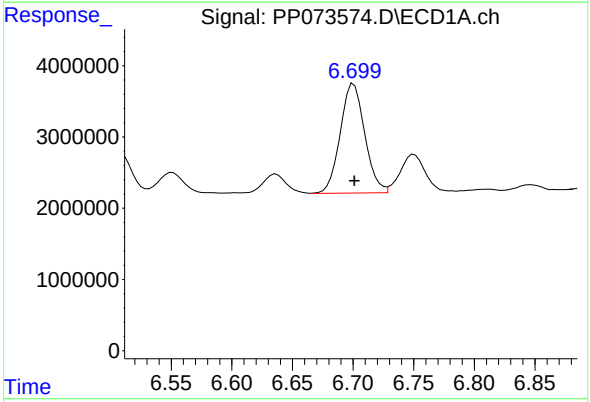
R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 14279096
Conc: 258.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



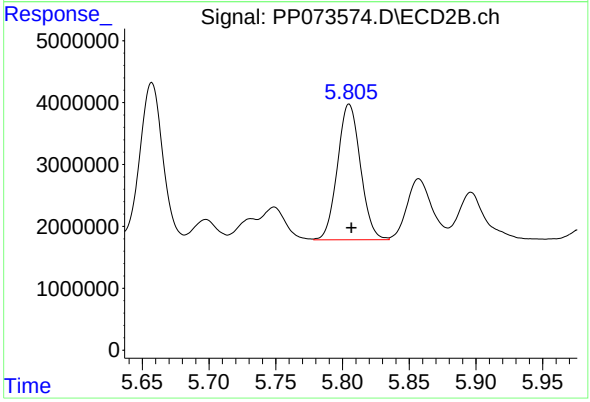
#26 AR-1254-1

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 30427905
Conc: 270.89 ng/ml



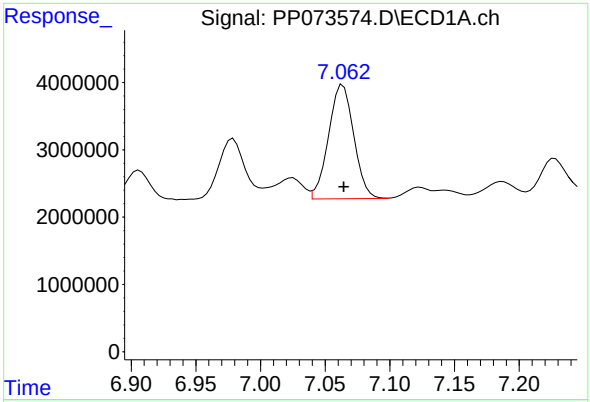
#27 AR-1254-2

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 21587177
Conc: 261.54 ng/ml



#27 AR-1254-2

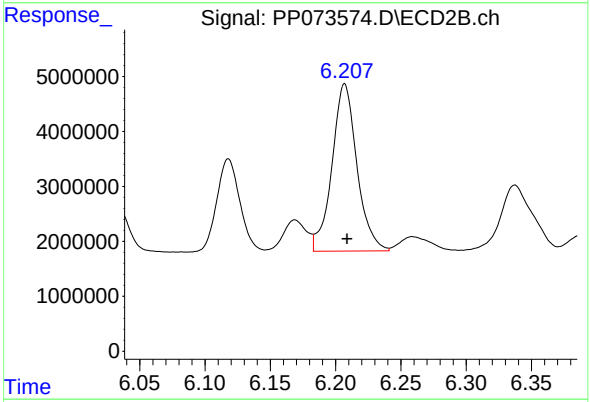
R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 26282271
Conc: 273.55 ng/ml



#28 AR-1254-3

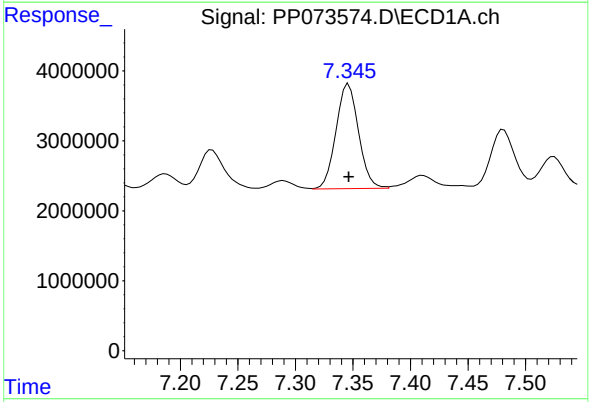
R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 23018010
Conc: 260.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



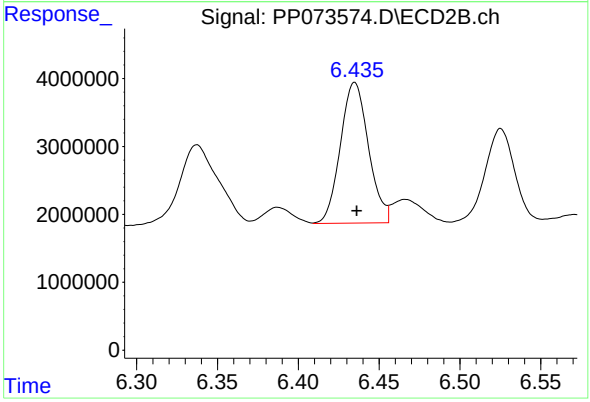
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 40529659
Conc: 266.47 ng/ml



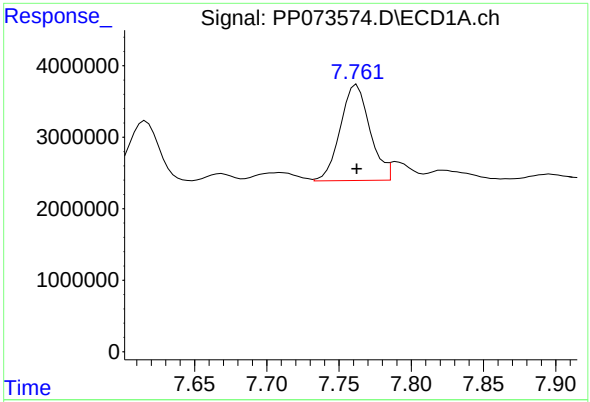
#29 AR-1254-4

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 20463711
Conc: 257.11 ng/ml



#29 AR-1254-4

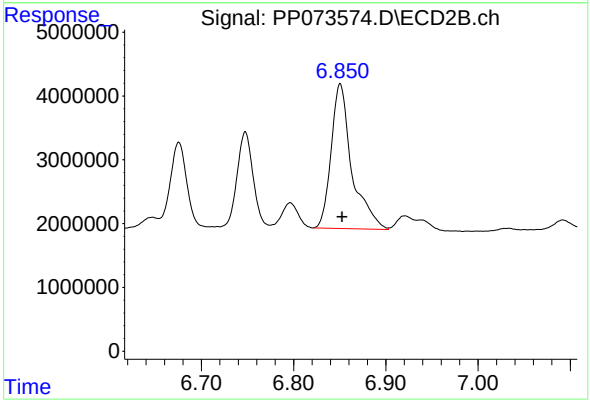
R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 25097390
Conc: 266.00 ng/ml



#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 19086937
Conc: 255.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 35261681
Conc: 269.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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...	4.488	3.779	6938090	9721913	4.952	5.138
2)	SA Decachlor...	10.178	8.780	5667149	6887289	4.948	5.019
	Target Compounds						
26)	L6 AR-1254-1	6.485	5.657	2578085	6452648	46.697m	57.447
27)	L6 AR-1254-2	6.701	5.806	4490008	5754555	54.399m	59.894
28)	L6 AR-1254-3	7.064	6.207	4570279	8163980	51.646m	53.675
29)	L6 AR-1254-4	7.347	6.436	4061359	4857854	51.027m	51.487
30)	L6 AR-1254-5	7.764	6.851	3548489	7039930	47.554	53.848

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

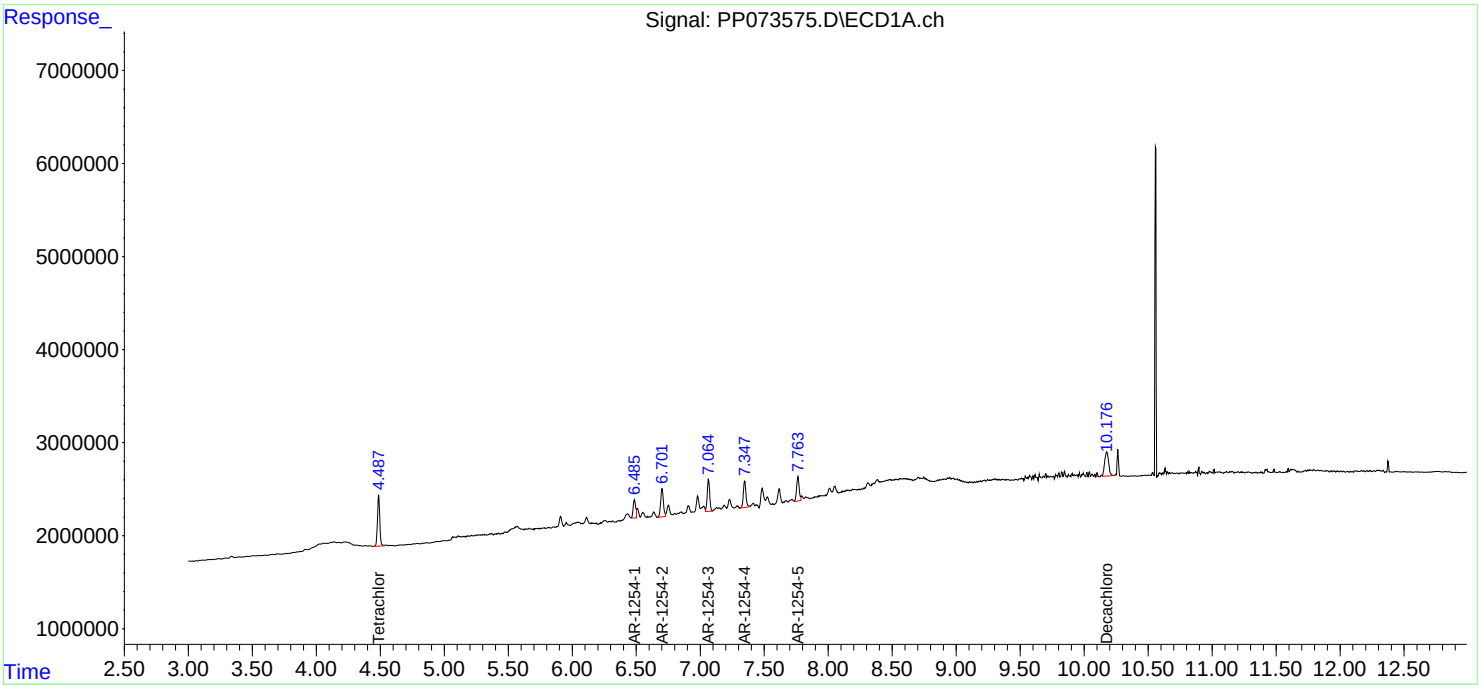
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

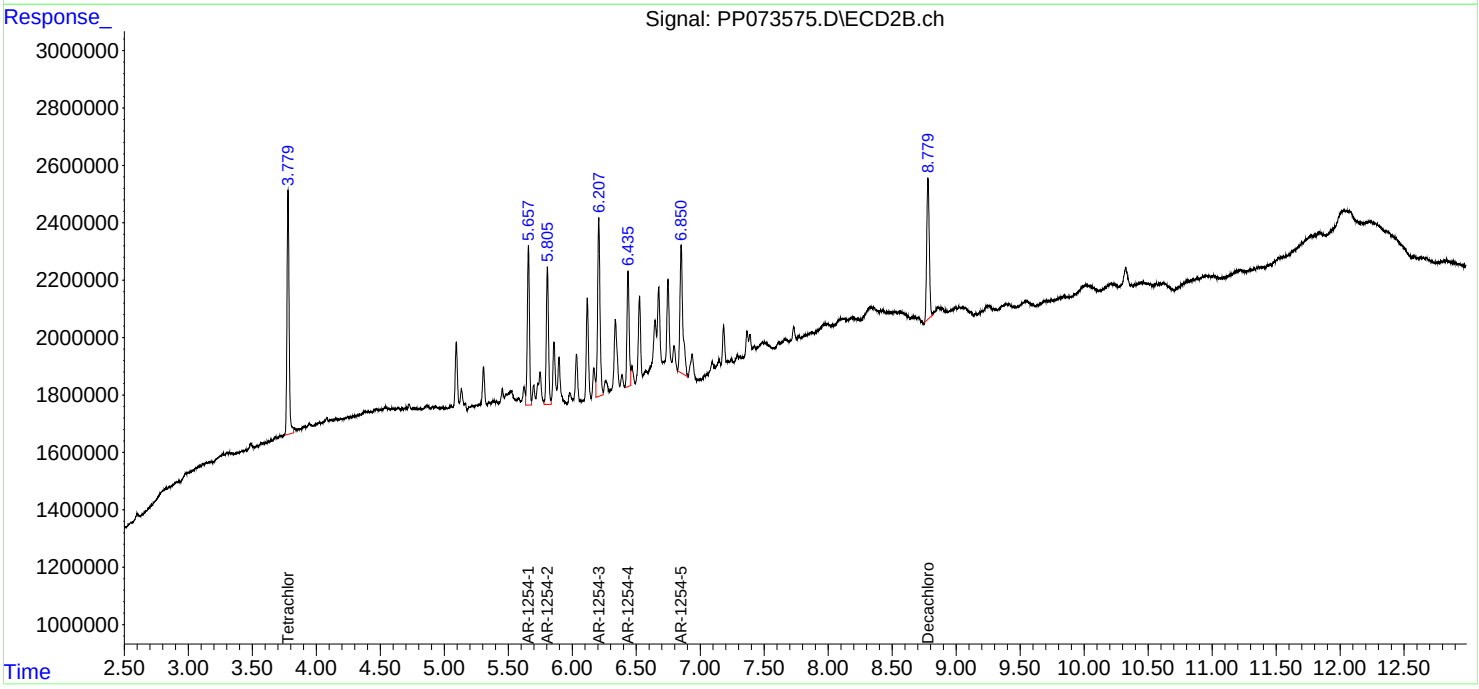
Manual Integrations APPROVED

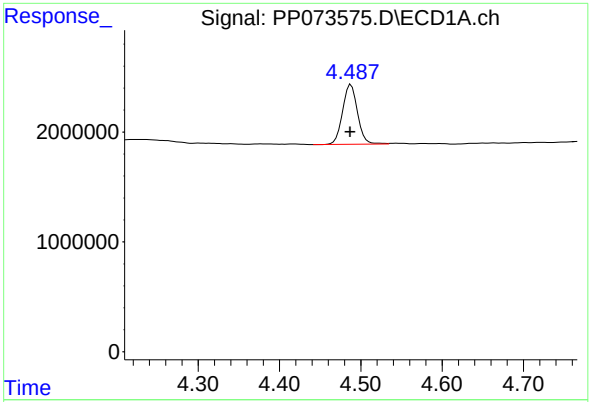
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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







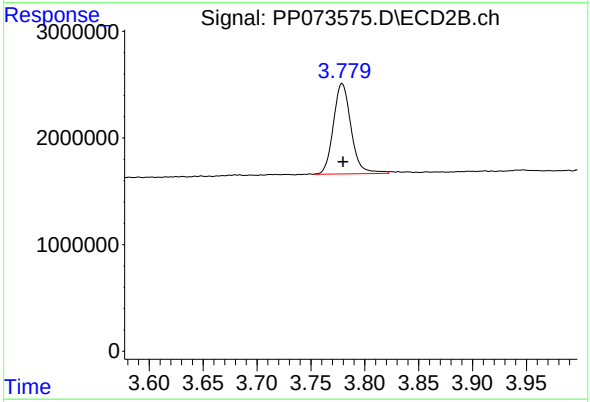
#1 Tetrachloro-m-xylene

R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 6938090
Conc: 4.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

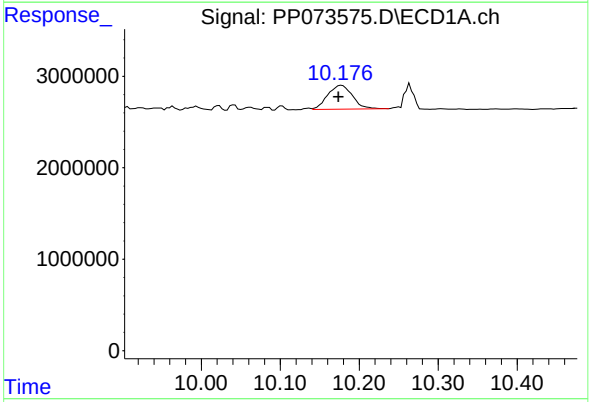
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



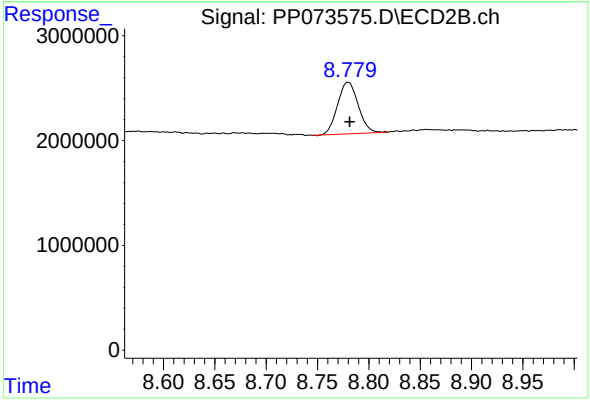
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 9721913
Conc: 5.14 ng/ml



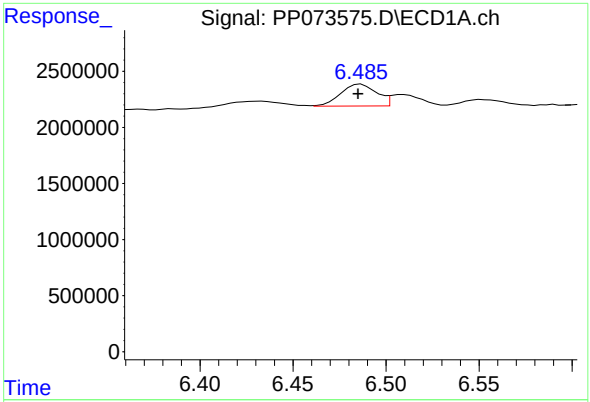
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.004 min
Response: 5667149
Conc: 4.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 6887289
Conc: 5.02 ng/ml



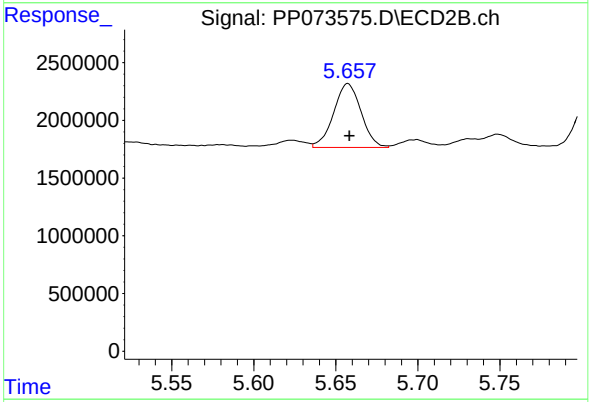
#26 AR-1254-1

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 2578085
Conc: 46.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

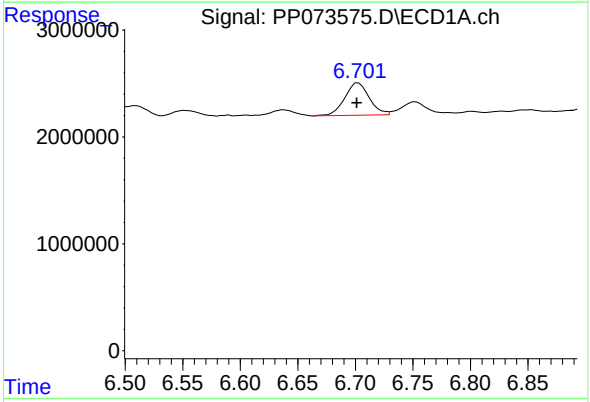
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



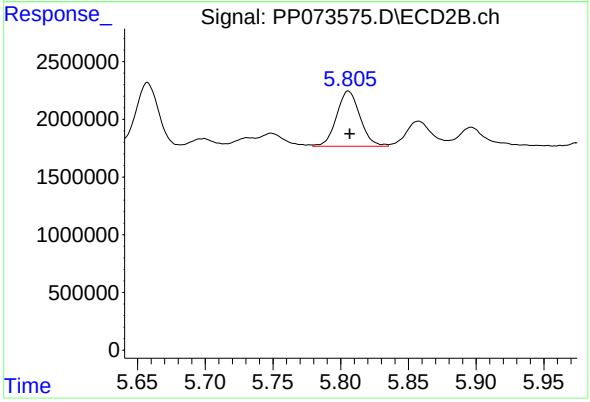
#26 AR-1254-1

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 6452648
Conc: 57.45 ng/ml



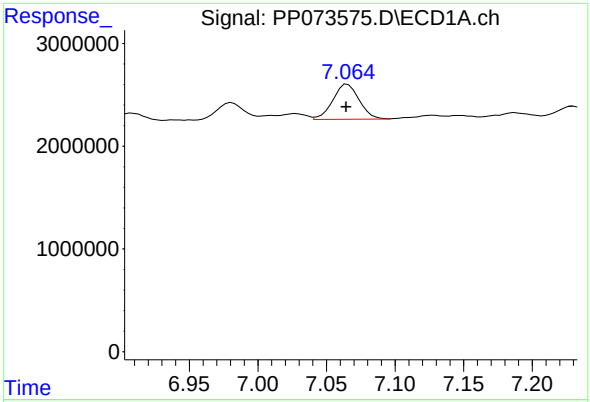
#27 AR-1254-2

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 4490008
Conc: 54.40 ng/ml m



#27 AR-1254-2

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 5754555
Conc: 59.89 ng/ml



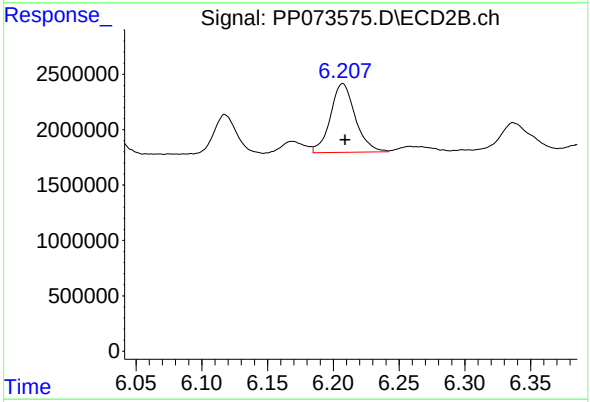
#28 AR-1254-3

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 4570279
Conc: 51.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

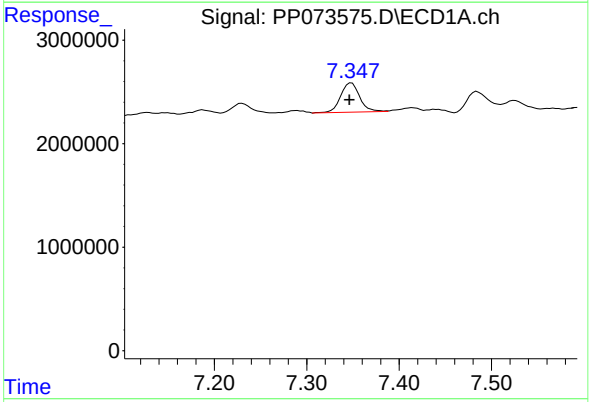
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



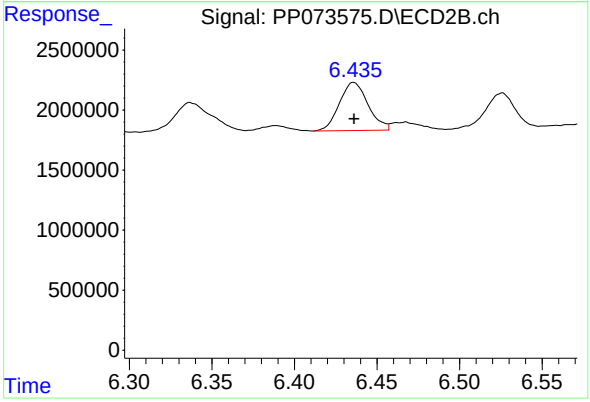
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 8163980
Conc: 53.68 ng/ml



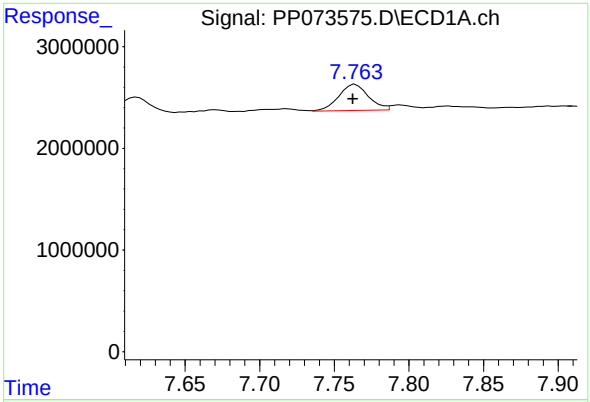
#29 AR-1254-4

R.T.: 7.347 min
Delta R.T.: 0.001 min
Response: 4061359
Conc: 51.03 ng/ml m



#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 4857854
Conc: 51.49 ng/ml



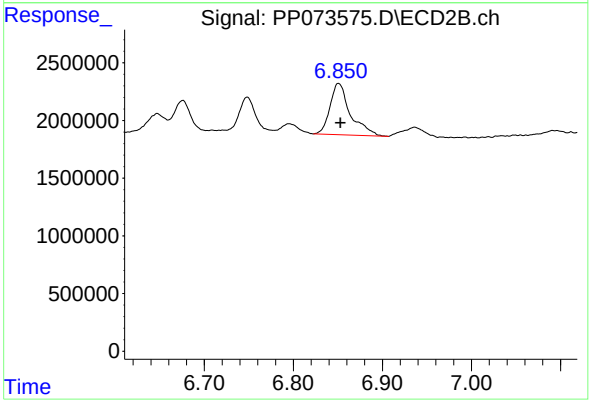
#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 3548489
Conc: 47.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 7039930
Conc: 53.85 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:03
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: Jul 08 03:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 03:49:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.488	3.779	69434570	94417779	50.000	50.000
2)	SA Decachlor...	10.177	8.781	57470872	69838496	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.065	6.889	43513643	73845842	500.000	500.000
37)	L8 AR-1262-2	8.383	7.147	99013762	63914528	500.000	500.000
38)	L8 AR-1262-3	8.697	7.669	62862521	57009497	500.000	500.000
39)	L8 AR-1262-4	8.782	7.735	46631386	92024537	500.000	500.000
40)	L8 AR-1262-5	9.432	8.231	31694688	42217822	500.000	500.000

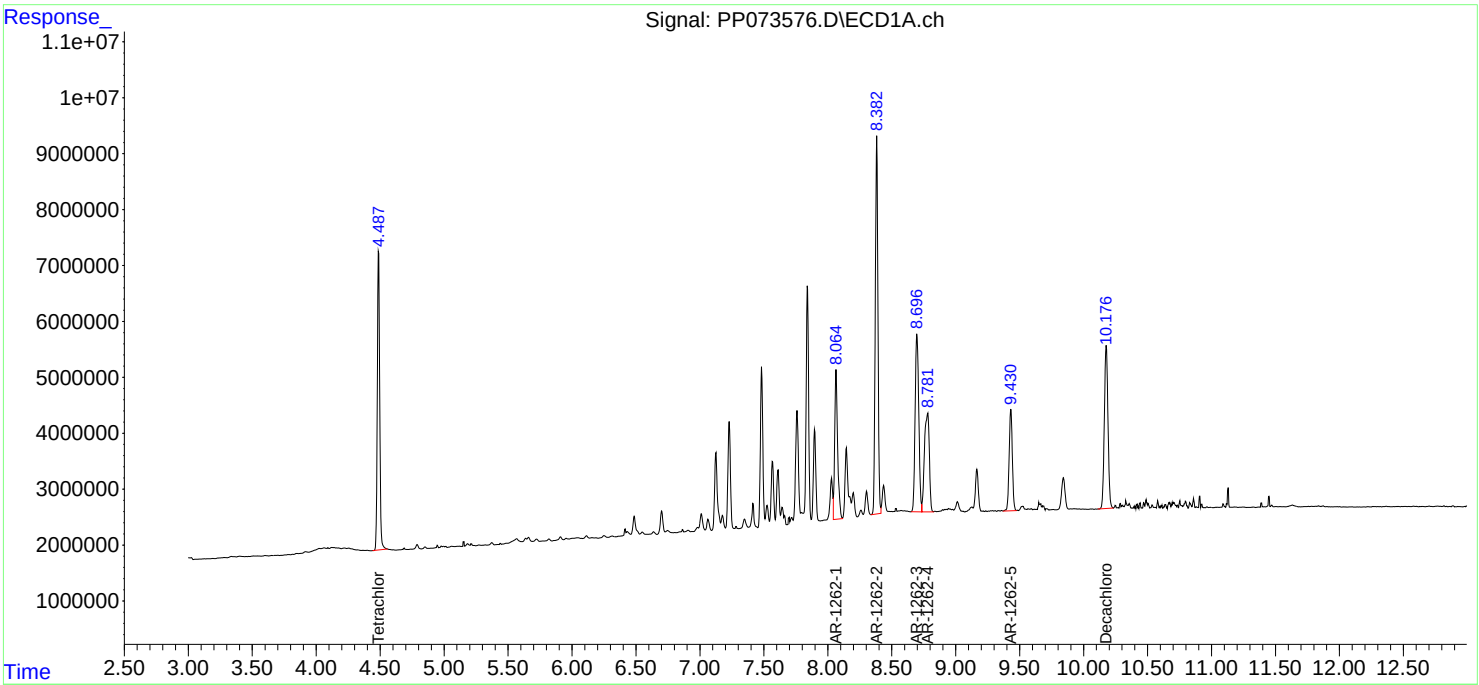
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

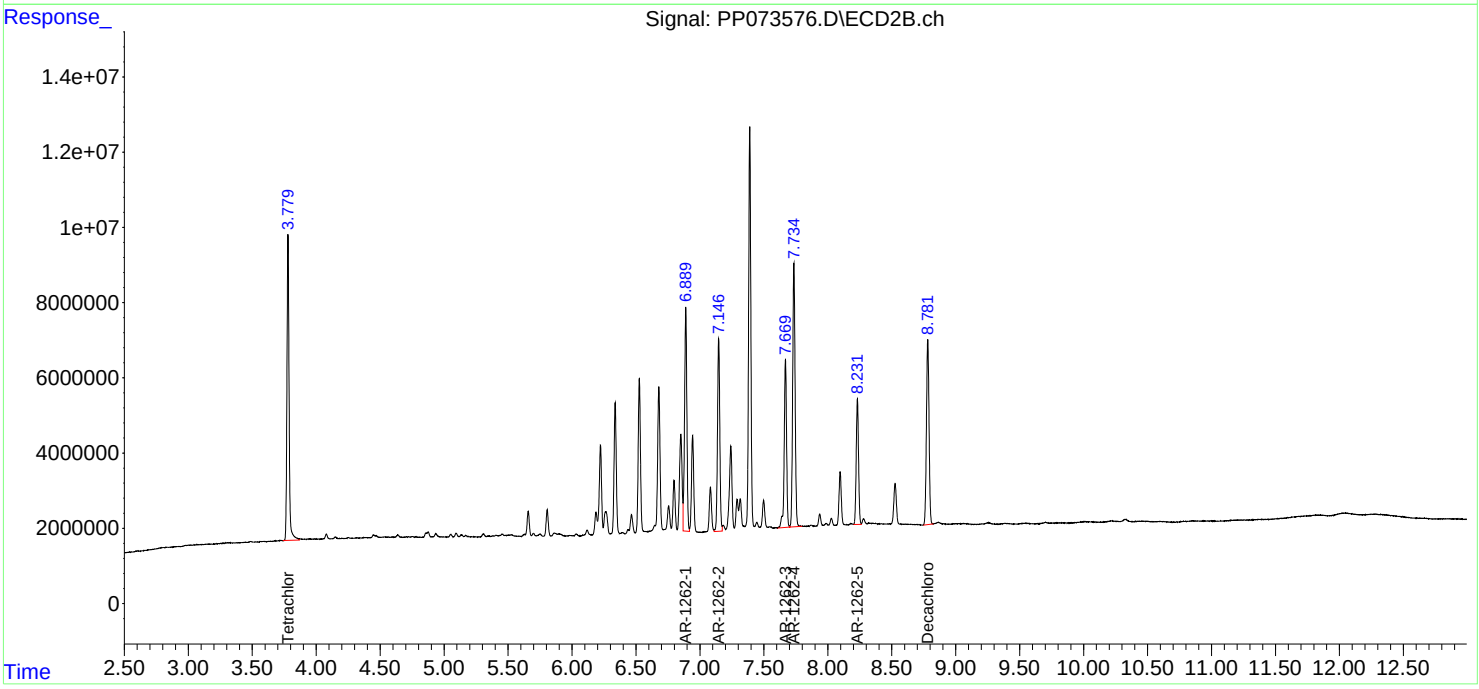
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:03
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

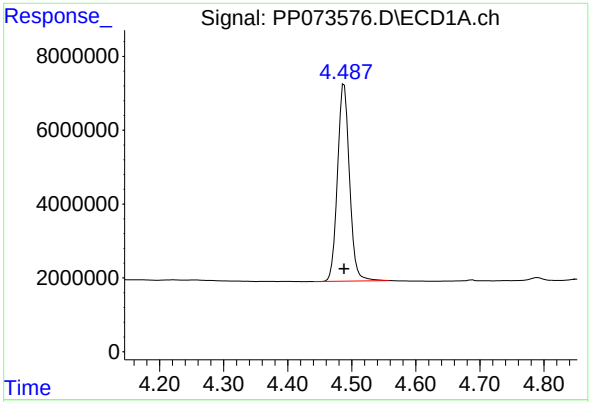
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 03:49:15 2025
Response via : Initial Calibration
Integrator: ChemStation

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



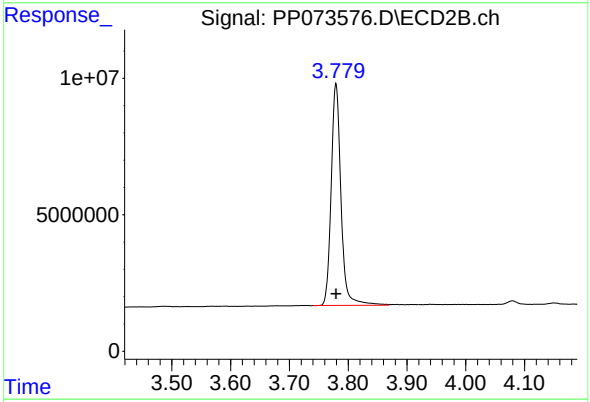




#1 Tetrachloro-m-xylene

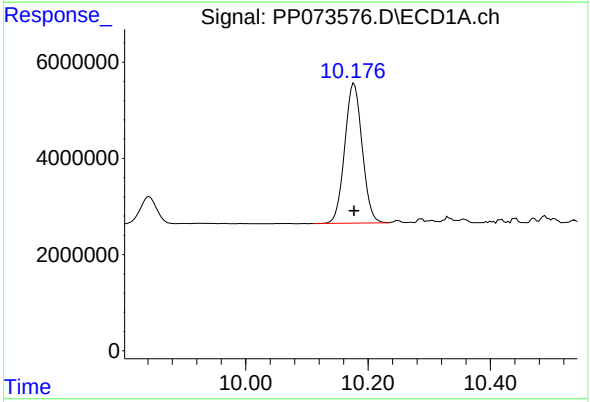
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 69434570
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



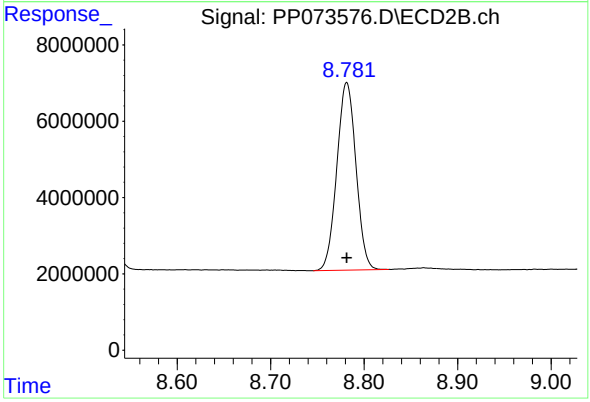
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 94417779
Conc: 50.00 ng/ml



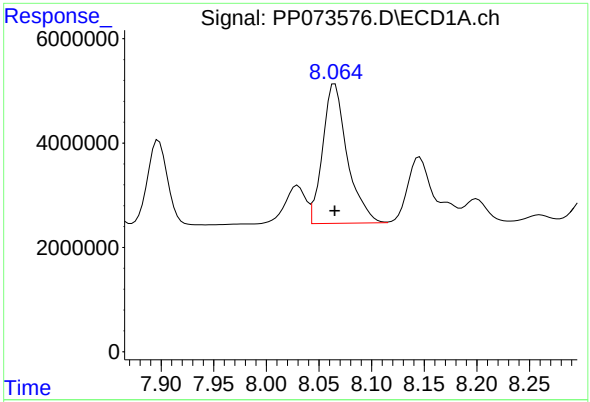
#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 57470872
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

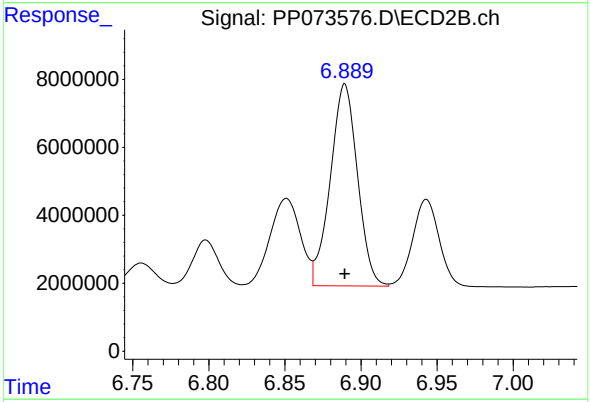
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 69838496
Conc: 50.00 ng/ml



#36 AR-1262-1

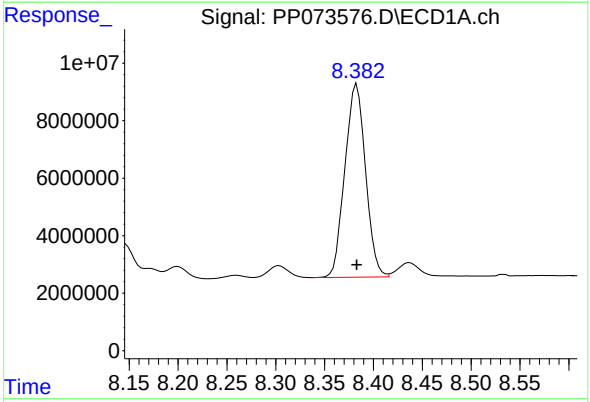
R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 43513643
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



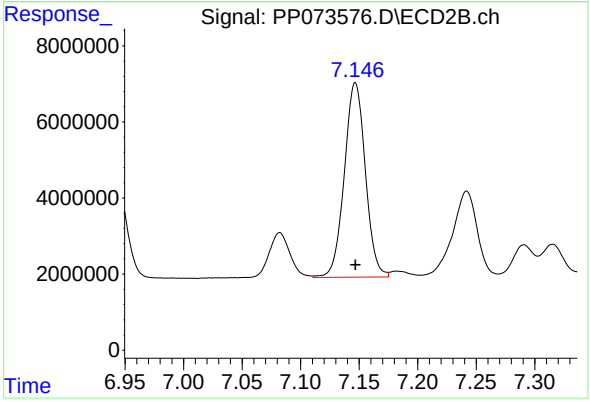
#36 AR-1262-1

R.T.: 6.889 min
Delta R.T.: 0.000 min
Response: 73845842
Conc: 500.00 ng/ml



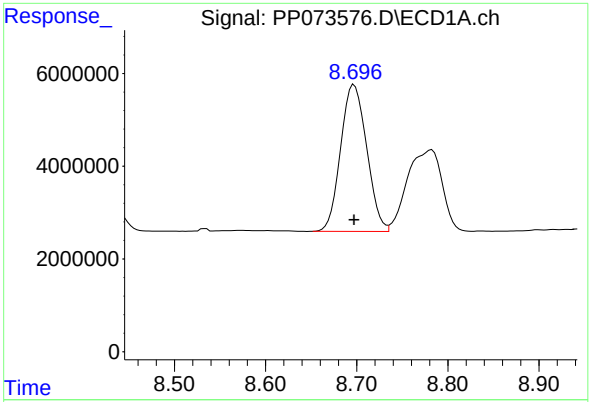
#37 AR-1262-2

R.T.: 8.383 min
Delta R.T.: 0.000 min
Response: 99013762
Conc: 500.00 ng/ml



#37 AR-1262-2

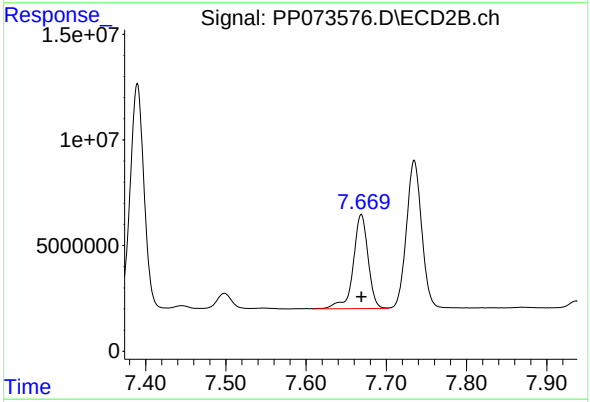
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 63914528
Conc: 500.00 ng/ml



#38 AR-1262-3

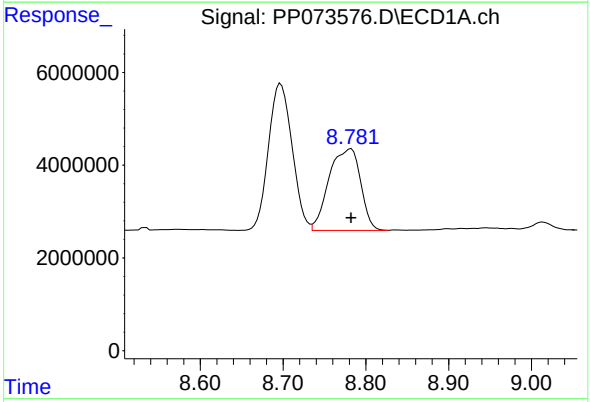
R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 62862521
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



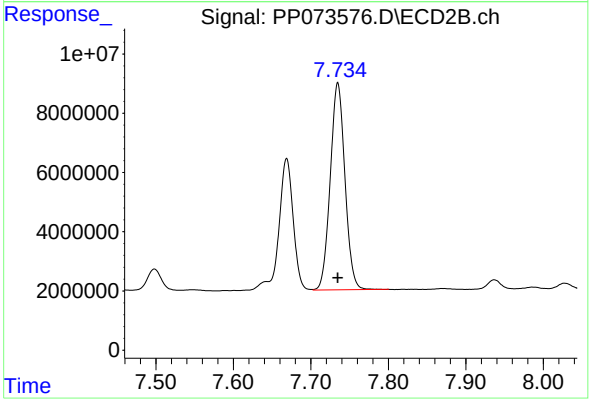
#38 AR-1262-3

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 57009497
Conc: 500.00 ng/ml



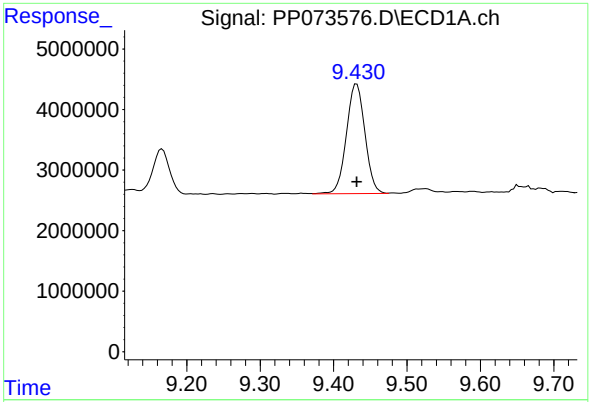
#39 AR-1262-4

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 46631386
Conc: 500.00 ng/ml



#39 AR-1262-4

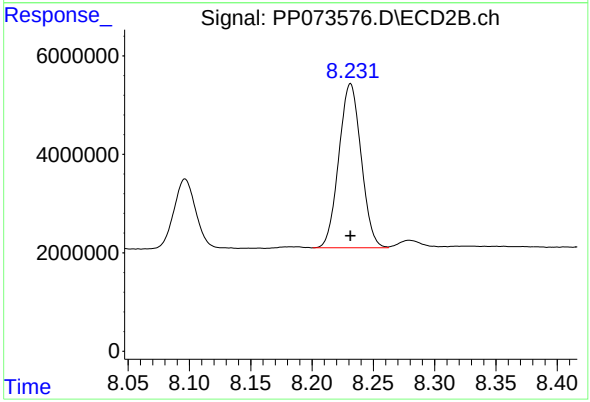
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 92024537
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 31694688
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 42217822
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:19
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.487	3.780	135.2E6	186.6E6	95.477	96.310
2)	SA Decachlor...	10.175	8.780	197.8E6	239.6E6	96.151	94.525
	Target Compounds						
41)	L9 AR-1268-1	8.691	7.669	220.6E6	290.6E6	967.069	944.084
42)	L9 AR-1268-2	8.784	7.736	188.8E6	254.1E6	971.974	949.819
43)	L9 AR-1268-3	9.012	7.937	161.3E6	211.6E6	967.680	931.099
44)	L9 AR-1268-4	9.428	8.231	68937885	89640321	991.083	941.420
45)	L9 AR-1268-5	9.841	8.527	477.6E6	595.3E6	984.517	956.339

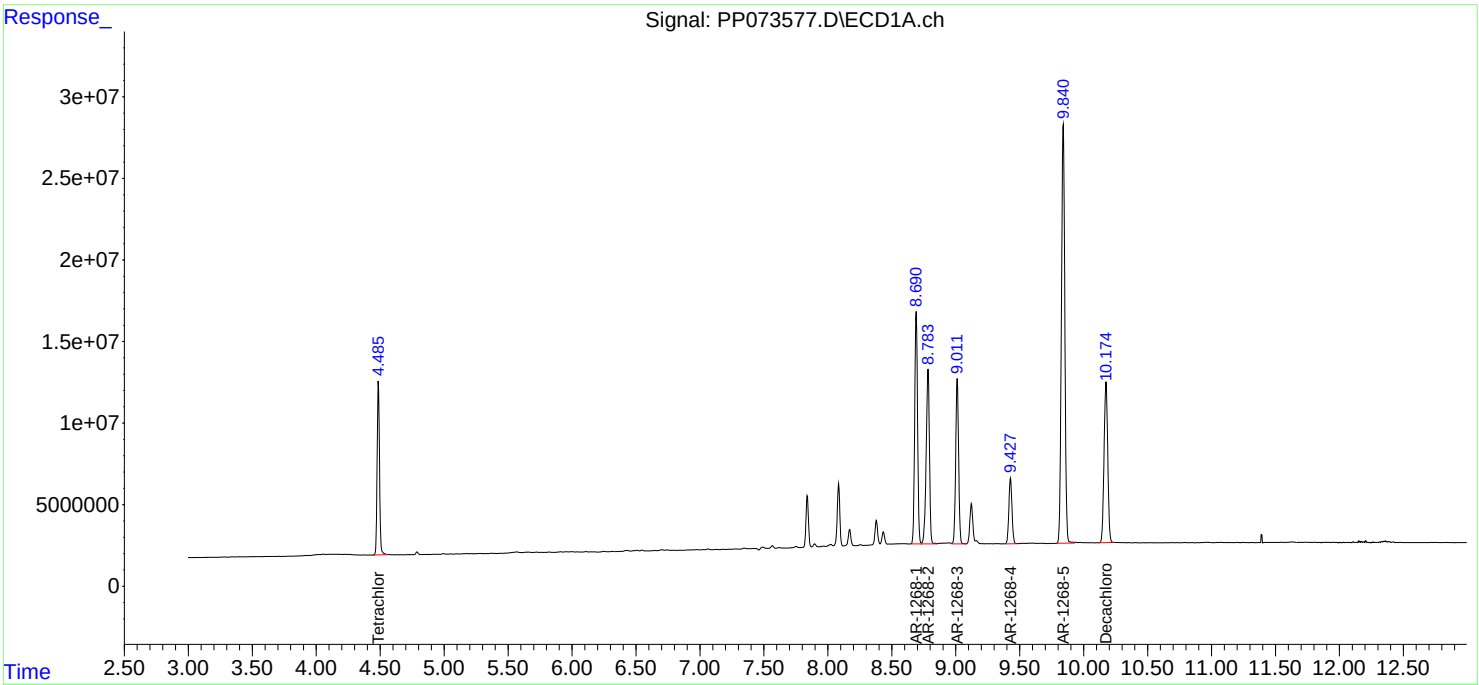
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

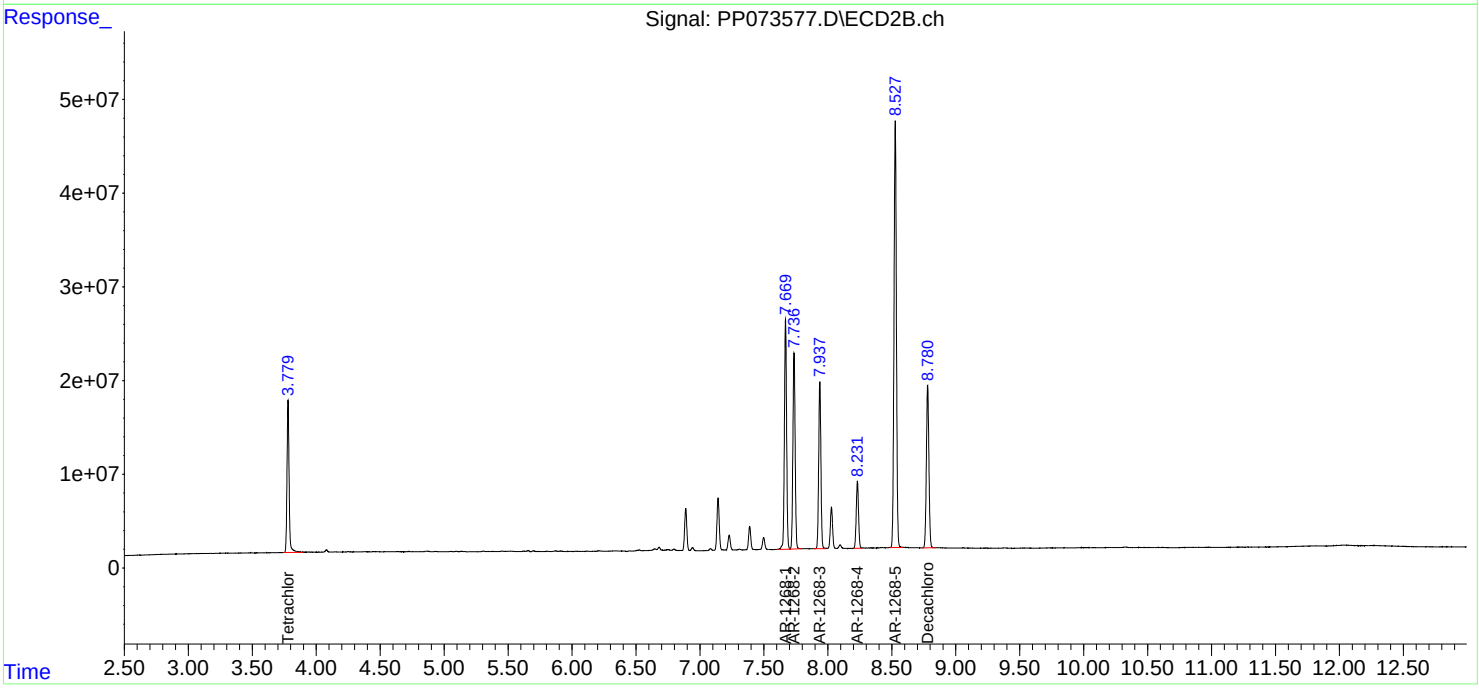
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:19
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

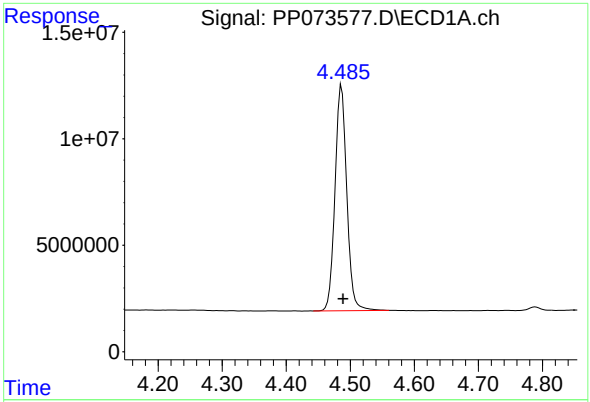
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



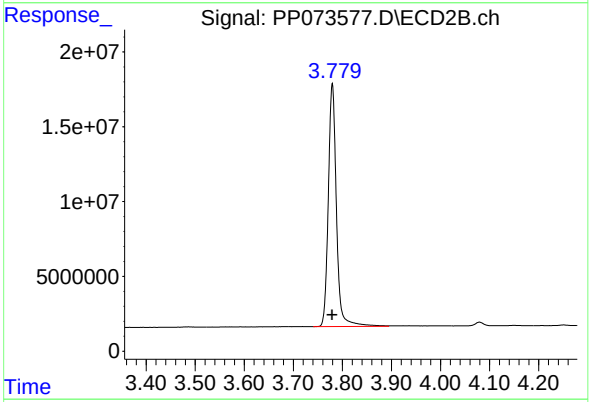




#1 Tetrachloro-m-xylene

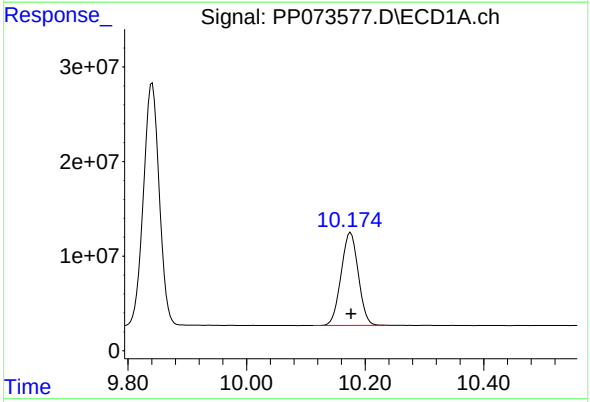
R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 135177400
Conc: 95.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



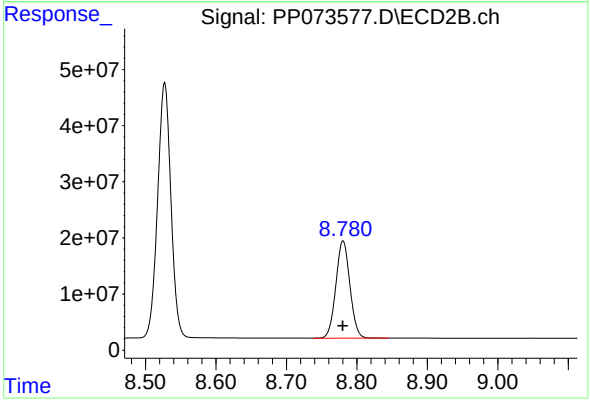
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 186628635
Conc: 96.31 ng/ml



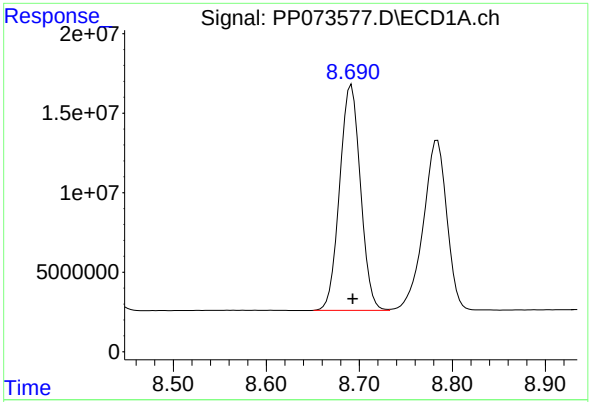
#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: -0.001 min
Response: 197787493
Conc: 96.15 ng/ml



#2 Decachlorobiphenyl

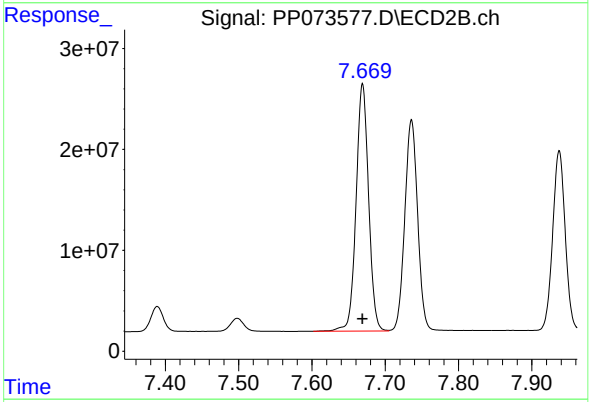
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 239622927
Conc: 94.53 ng/ml



#41 AR-1268-1

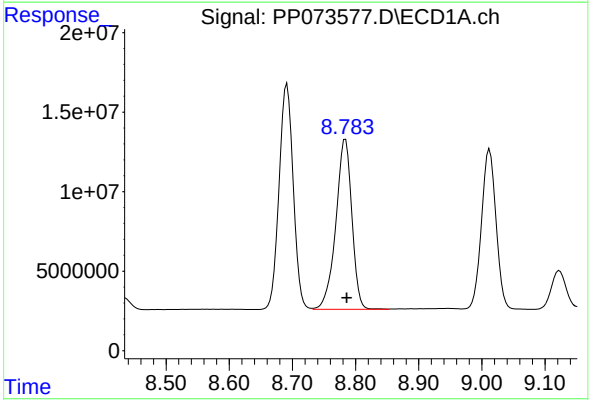
R.T.: 8.691 min
Delta R.T.: -0.001 min
Response: 220572869
Conc: 967.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



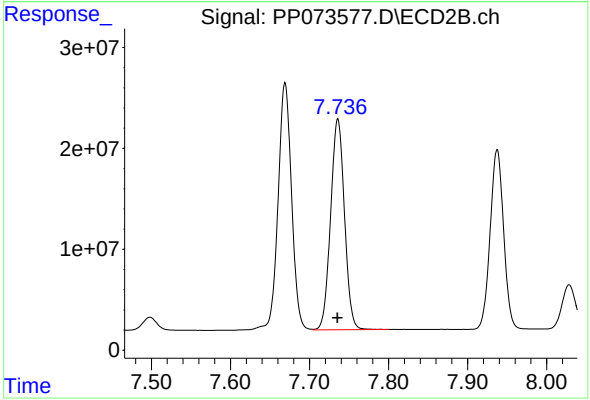
#41 AR-1268-1

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 290584667
Conc: 944.08 ng/ml



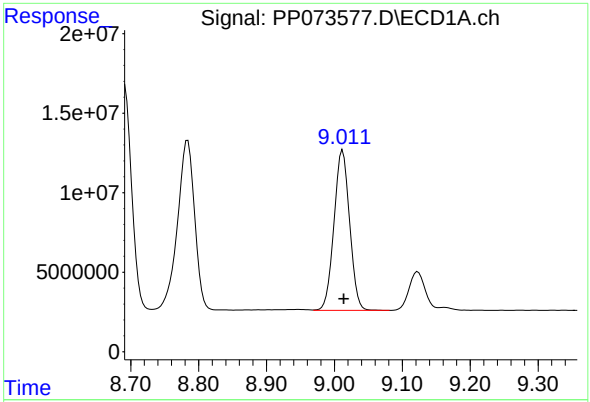
#42 AR-1268-2

R.T.: 8.784 min
Delta R.T.: -0.002 min
Response: 188785361
Conc: 971.97 ng/ml



#42 AR-1268-2

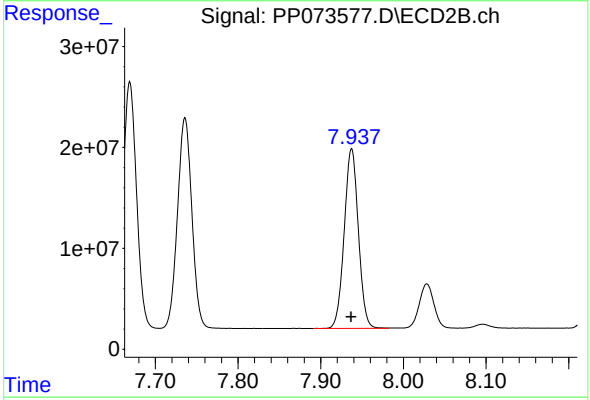
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 254148086
Conc: 949.82 ng/ml



#43 AR-1268-3

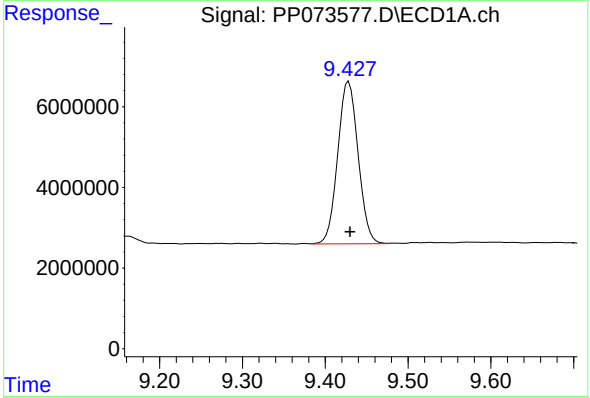
R.T.: 9.012 min
Delta R.T.: -0.002 min
Response: 161320167
Conc: 967.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



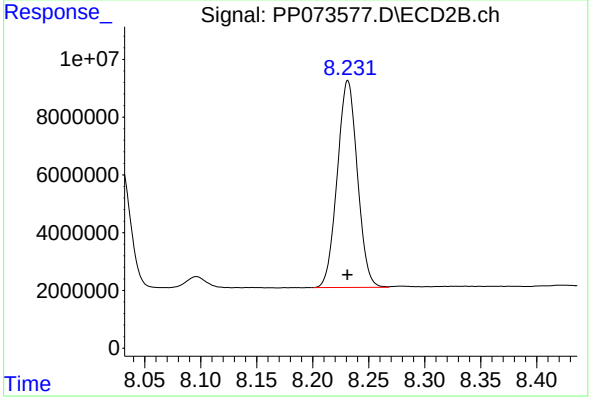
#43 AR-1268-3

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 211648098
Conc: 931.10 ng/ml



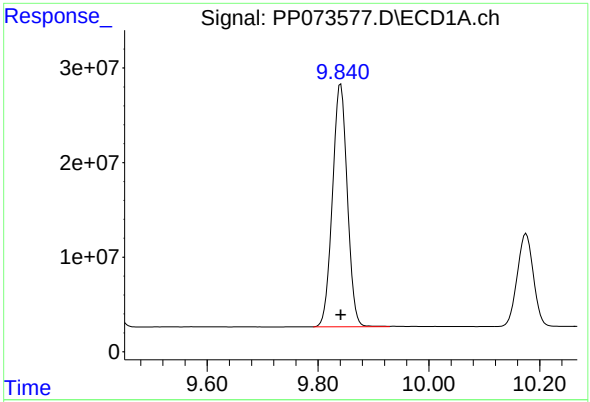
#44 AR-1268-4

R.T.: 9.428 min
Delta R.T.: -0.002 min
Response: 68937885
Conc: 991.08 ng/ml



#44 AR-1268-4

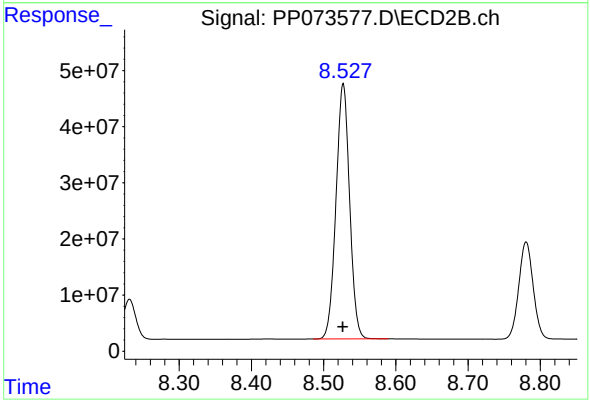
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 89640321
Conc: 941.42 ng/ml



#45 AR-1268-5

R.T.: 9.841 min
Delta R.T.: 0.000 min
Response: 477643268
Conc: 984.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 595257746
Conc: 956.34 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:35
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.486	3.779	104.3E6	146.5E6	73.649	75.624
2)	SA Decachlor...	10.176	8.780	151.6E6	191.8E6	73.695	75.646
	Target Compounds						
41)	L9 AR-1268-1	8.691	7.668	168.8E6	230.7E6	740.295	749.493
42)	L9 AR-1268-2	8.785	7.735	144.0E6	200.8E6	741.630	750.427
43)	L9 AR-1268-3	9.013	7.936	123.3E6	169.4E6	739.524	745.141
44)	L9 AR-1268-4	9.430	8.230	52353473	71323535	752.658	749.054
45)	L9 AR-1268-5	9.841	8.526	354.6E6	478.2E6	730.874	768.335

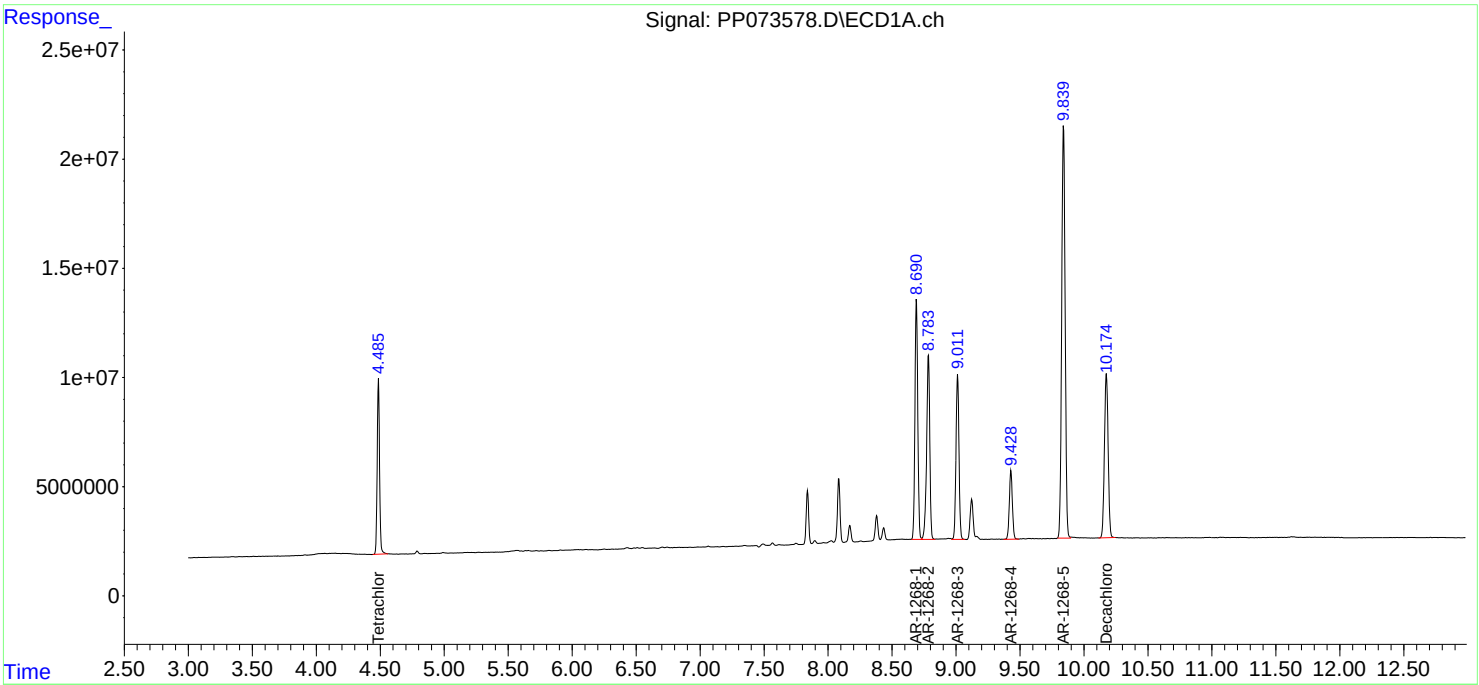
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

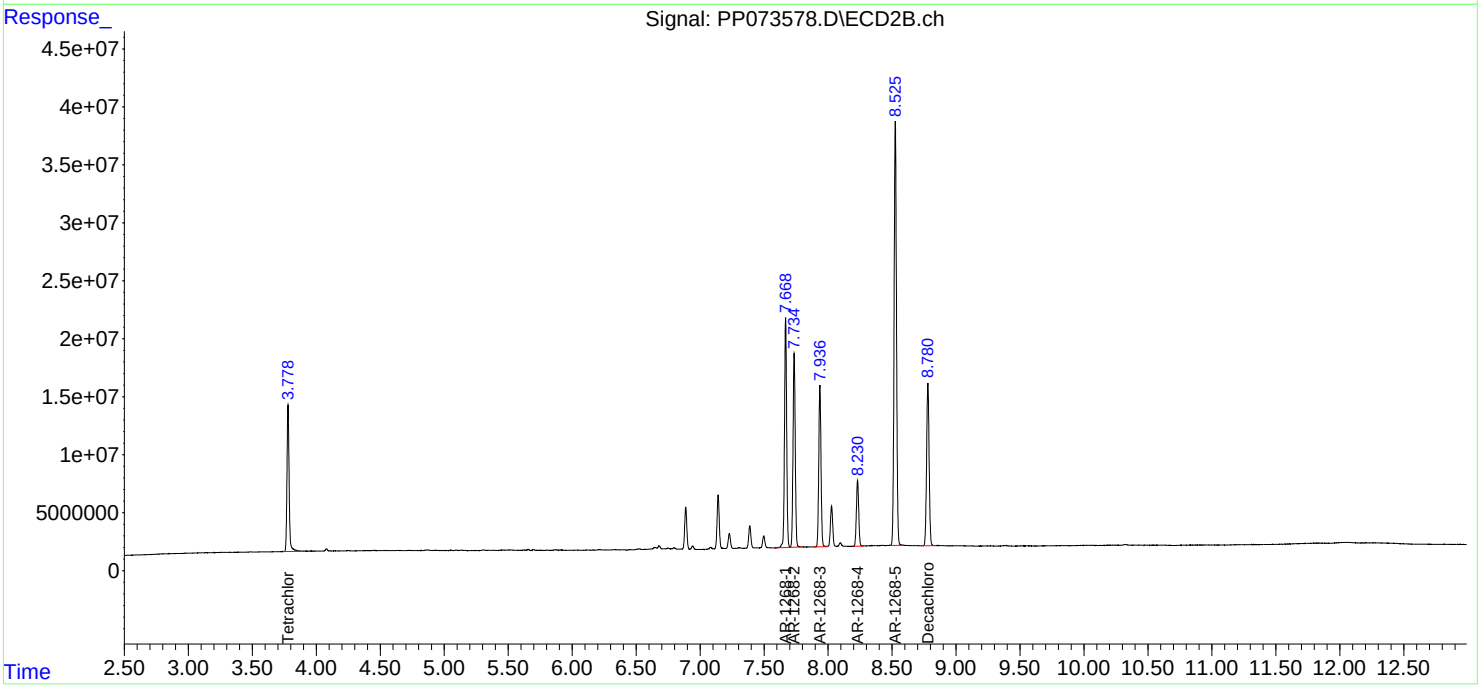
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:35
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

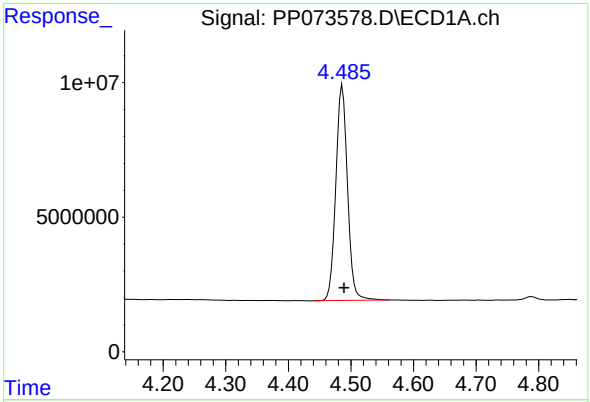
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



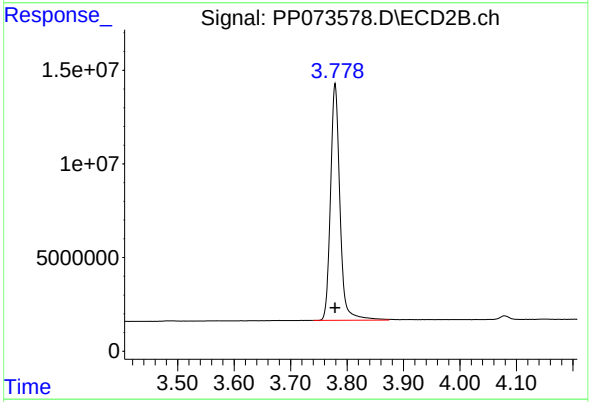




#1 Tetrachloro-m-xylene

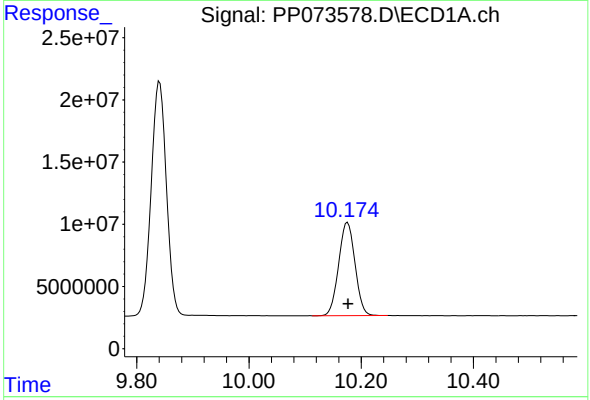
R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 104273280
Conc: 73.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



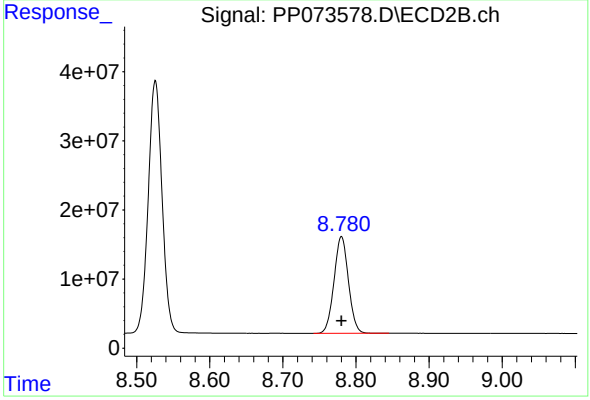
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 146543238
Conc: 75.62 ng/ml



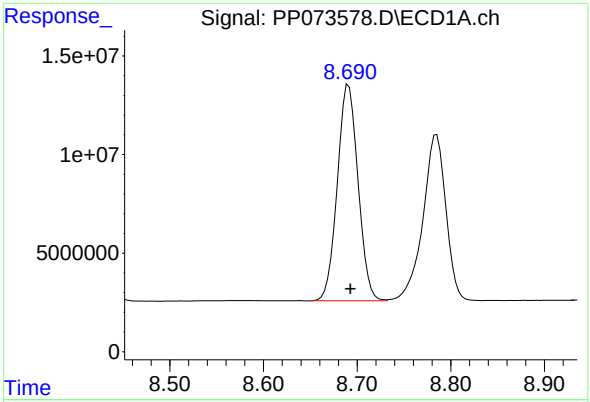
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 151594121
Conc: 73.69 ng/ml



#2 Decachlorobiphenyl

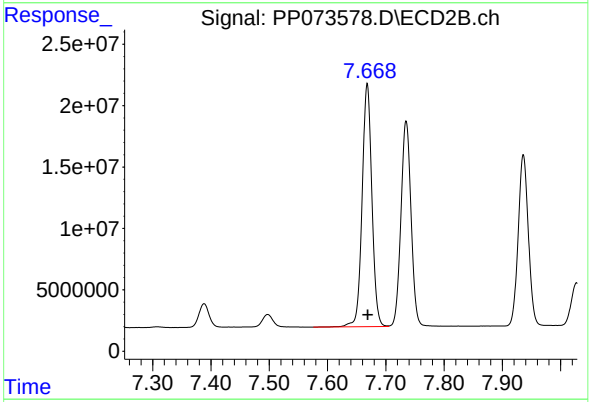
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 191764517
Conc: 75.65 ng/ml



#41 AR-1268-1

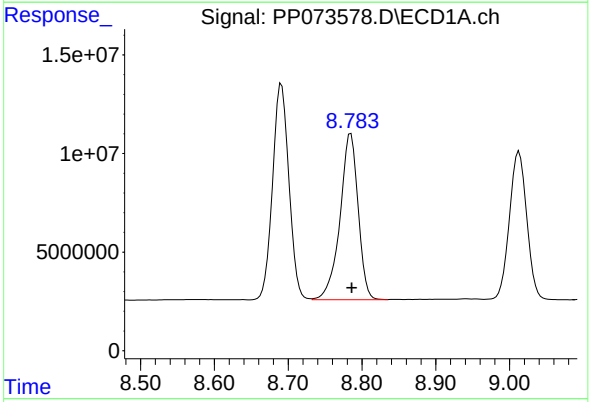
R.T.: 8.691 min
Delta R.T.: -0.002 min
Response: 168849400
Conc: 740.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



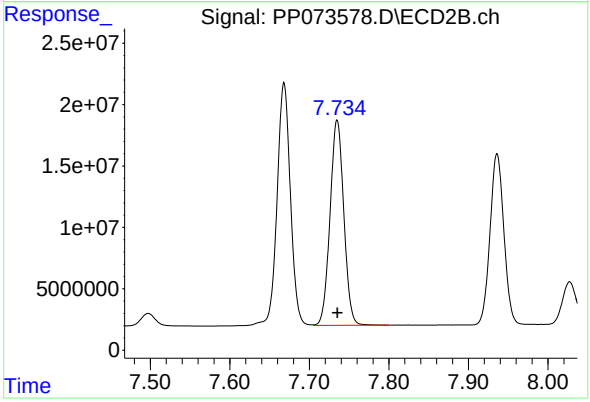
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 230690543
Conc: 749.49 ng/ml



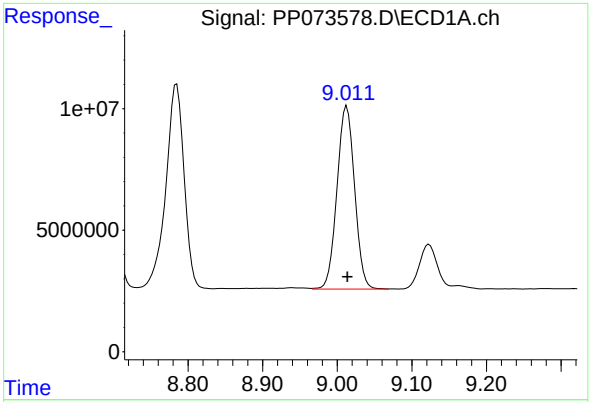
#42 AR-1268-2

R.T.: 8.785 min
Delta R.T.: -0.001 min
Response: 144045759
Conc: 741.63 ng/ml



#42 AR-1268-2

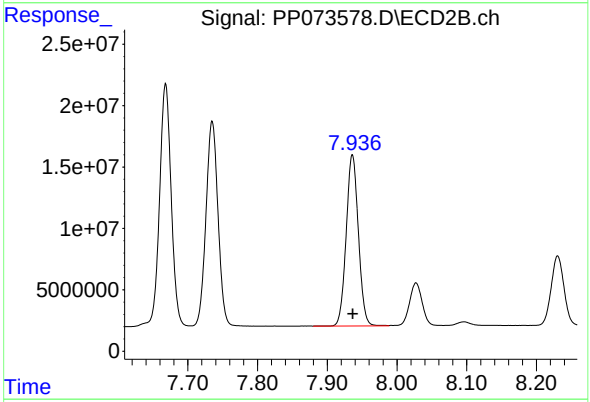
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 200795854
Conc: 750.43 ng/ml



#43 AR-1268-3

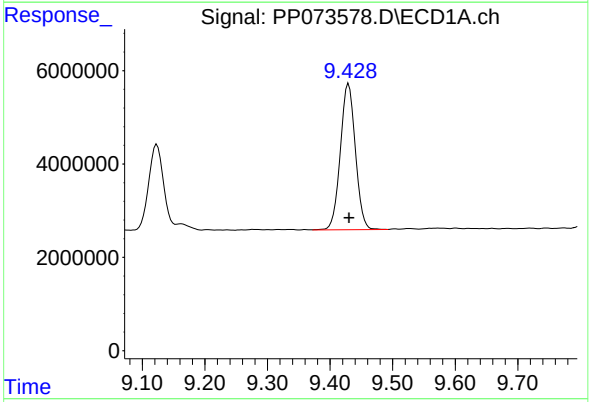
R.T.: 9.013 min
Delta R.T.: 0.000 min
Response: 123284607
Conc: 739.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



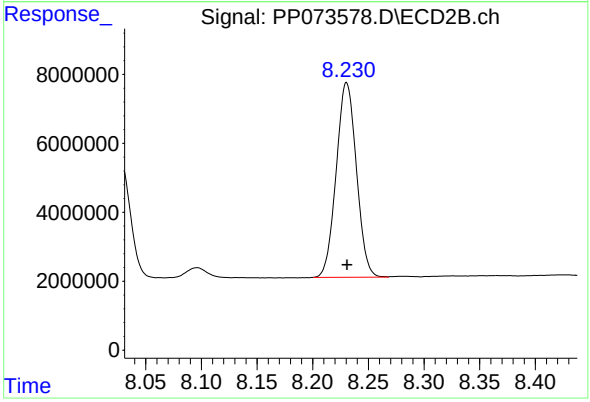
#43 AR-1268-3

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 169377934
Conc: 745.14 ng/ml



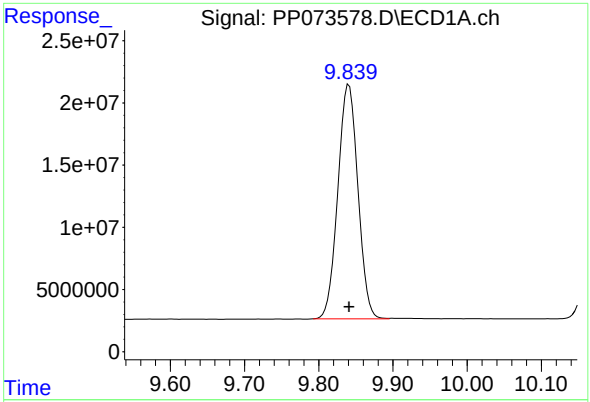
#44 AR-1268-4

R.T.: 9.430 min
Delta R.T.: 0.000 min
Response: 52353473
Conc: 752.66 ng/ml



#44 AR-1268-4

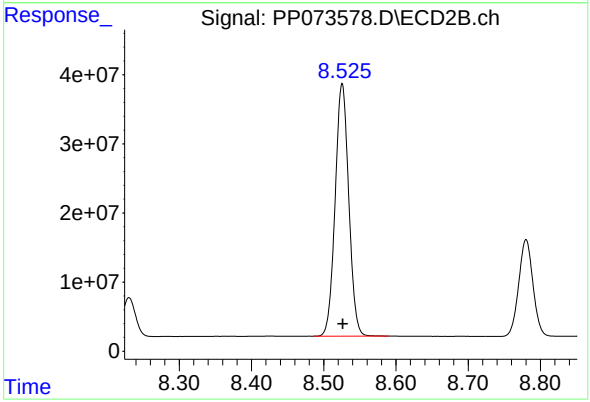
R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 71323535
Conc: 749.05 ng/ml



#45 AR-1268-5

R.T.: 9.841 min
Delta R.T.: 0.000 min
Response: 354587033
Conc: 730.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 478238089
Conc: 768.34 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:52
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: Jul 08 04:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.489	3.779	70790889	96889578	50.000	50.000
2)	SA Decachlor...	10.177	8.780	102.9E6	126.8E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.693	7.669	114.0E6	153.9E6	500.000	500.000
42)	L9 AR-1268-2	8.786	7.735	97114359	133.8E6	500.000	500.000
43)	L9 AR-1268-3	9.014	7.937	83354053	113.7E6	500.000	500.000
44)	L9 AR-1268-4	9.430	8.231	34779057	47609088	500.000	500.000
45)	L9 AR-1268-5	9.841	8.527	242.6E6	311.2E6	500.000	500.000

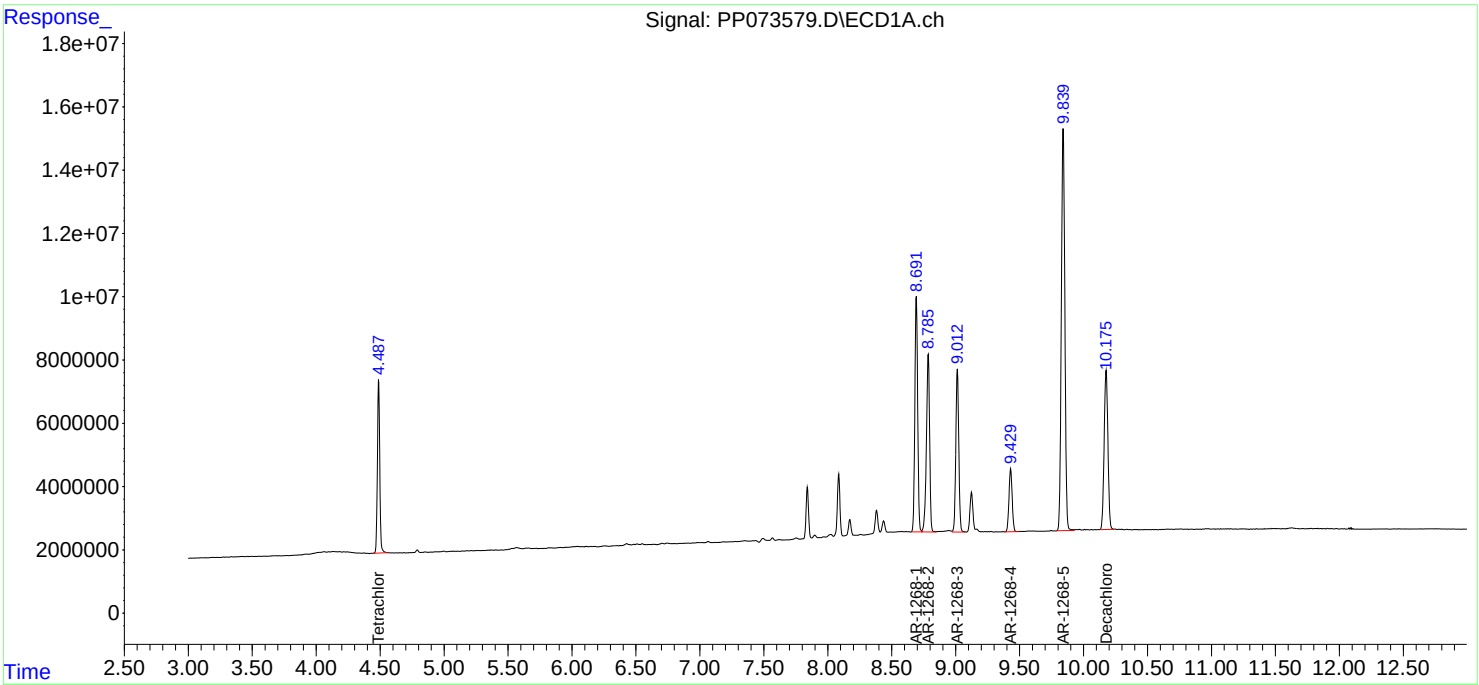
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

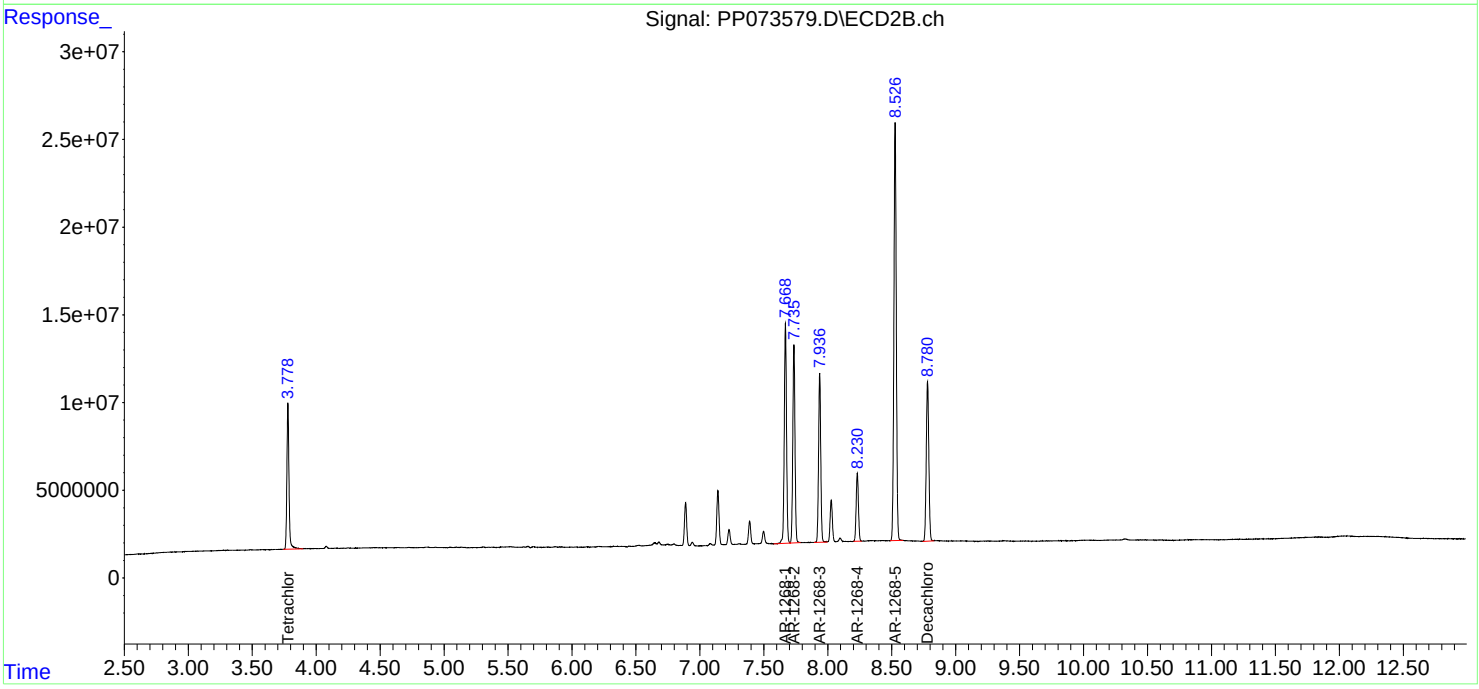
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:52
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

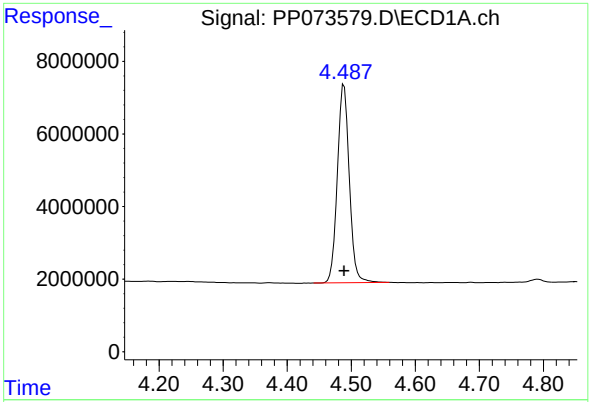
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



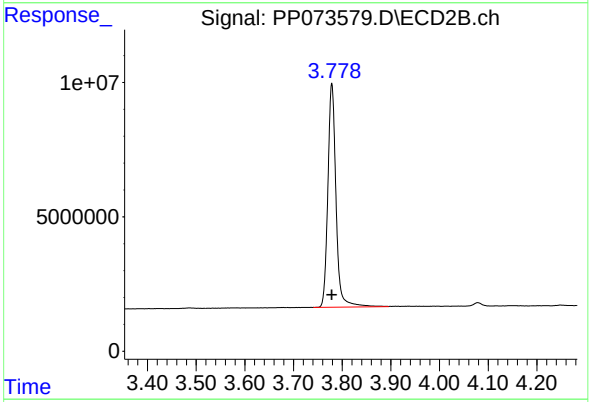




#1 Tetrachloro-m-xylene

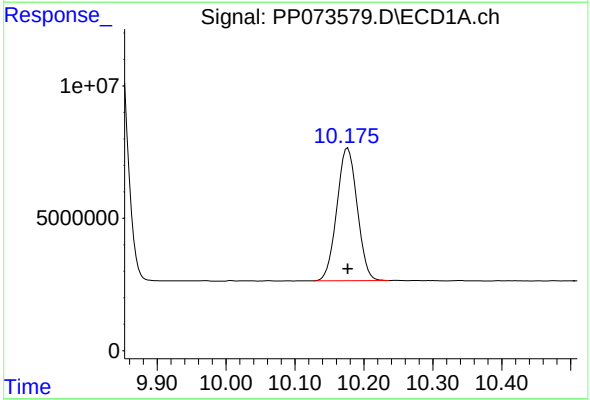
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 70790889
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



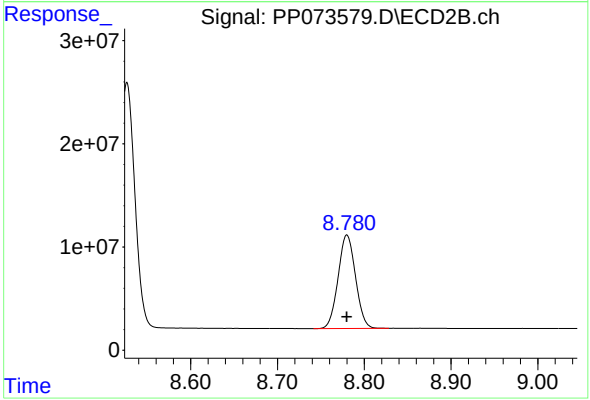
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 96889578
Conc: 50.00 ng/ml



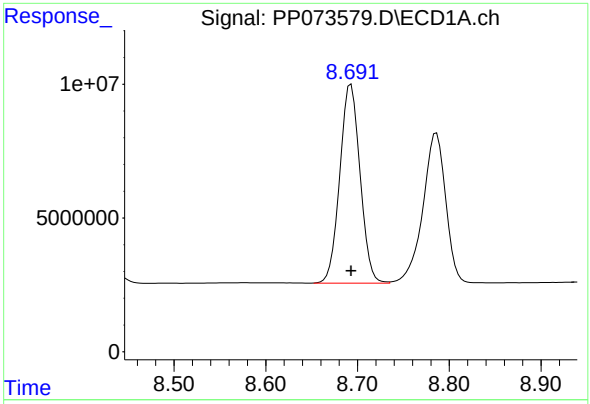
#2 Decachlorobiphenyl

R.T.: 10.177 min
Delta R.T.: 0.000 min
Response: 102852384
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

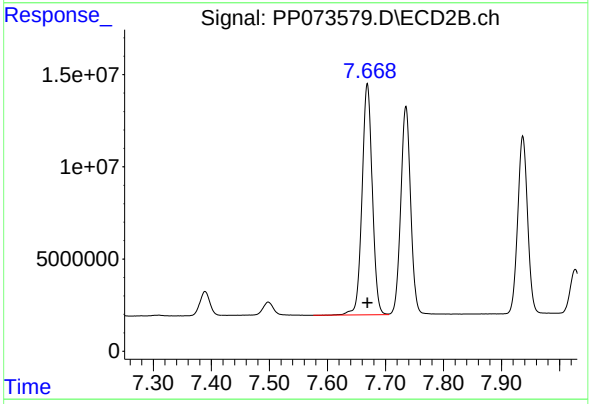
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 126750897
Conc: 50.00 ng/ml



#41 AR-1268-1

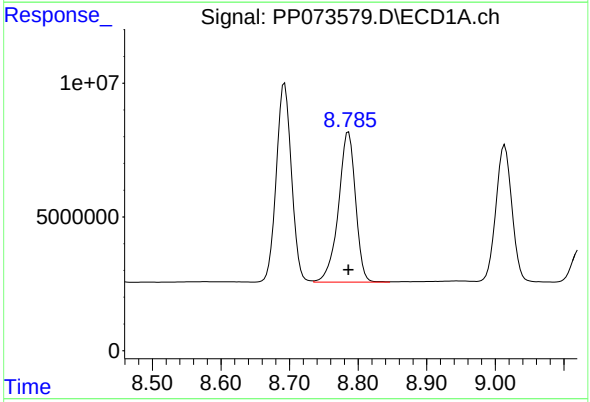
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 114041971
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



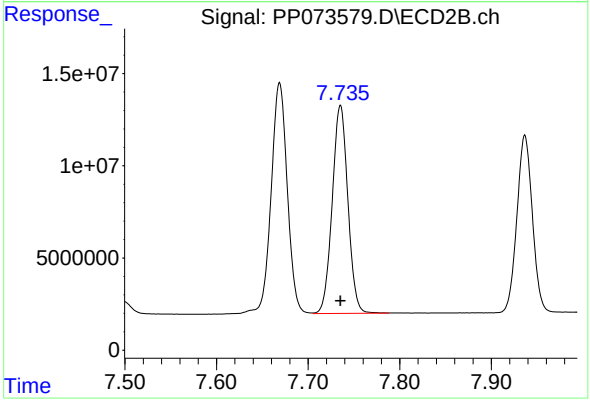
#41 AR-1268-1

R.T.: 7.669 min
Delta R.T.: 0.000 min
Response: 153897638
Conc: 500.00 ng/ml



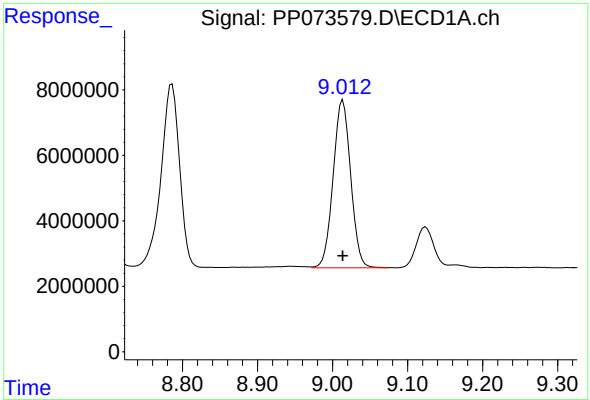
#42 AR-1268-2

R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 97114359
Conc: 500.00 ng/ml



#42 AR-1268-2

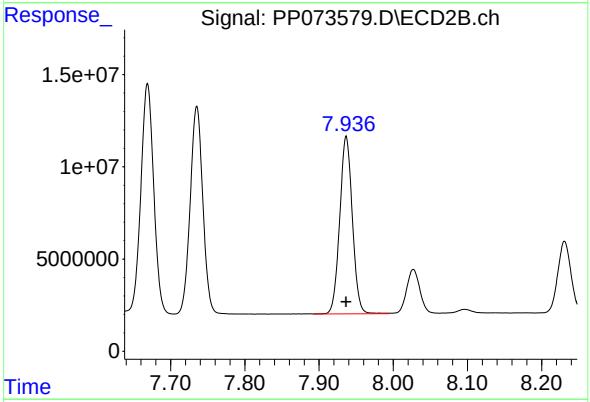
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 133787705
Conc: 500.00 ng/ml



#43 AR-1268-3

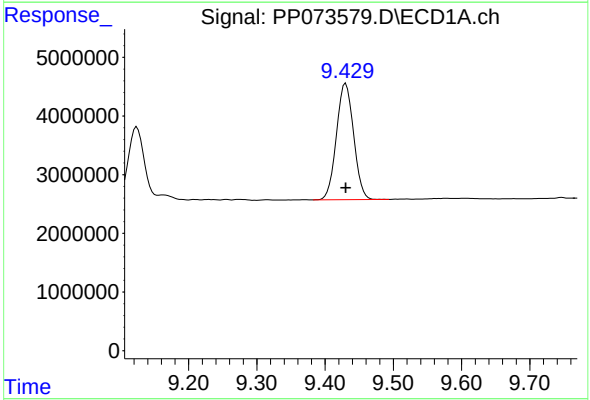
R.T.: 9.014 min
Delta R.T.: 0.000 min
Response: 83354053
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



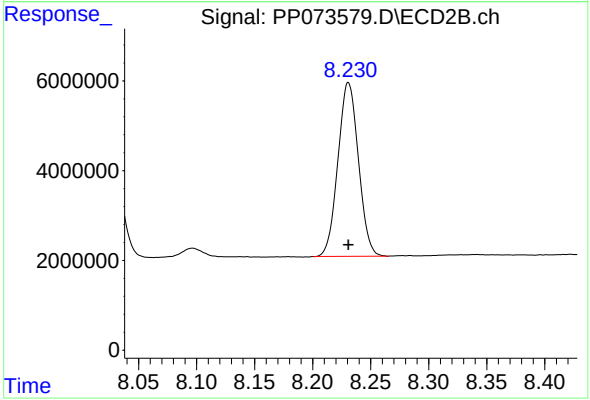
#43 AR-1268-3

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 113654967
Conc: 500.00 ng/ml



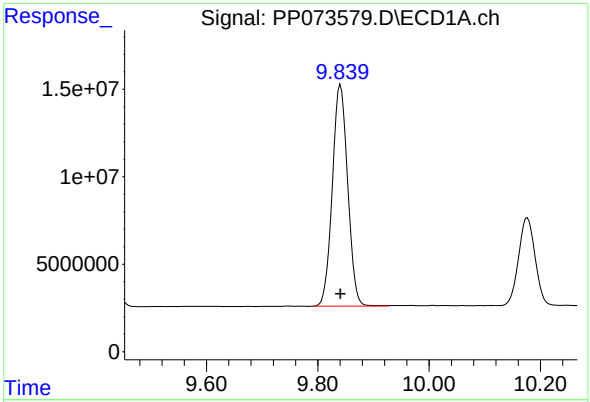
#44 AR-1268-4

R.T.: 9.430 min
Delta R.T.: 0.000 min
Response: 34779057
Conc: 500.00 ng/ml



#44 AR-1268-4

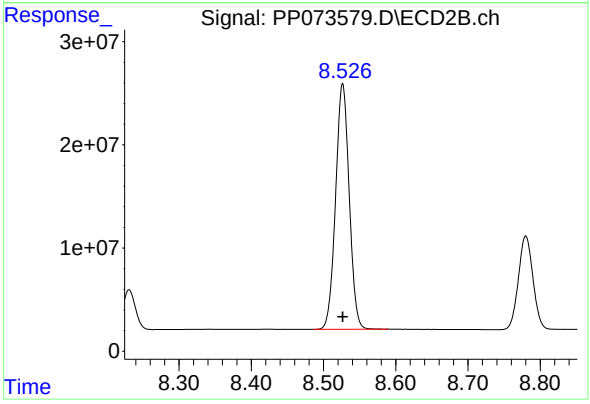
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 47609088
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.841 min
Delta R.T.: 0.000 min
Response: 242577379
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 311217072
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.485	3.779	37383725	50542988	26.404	26.083
2)	SA Decachlor...	10.171	8.781	54731552	67087696	26.607	26.464
	Target Compounds						
41)	L9 AR-1268-1	8.690	7.668	59422367	80900824	260.528	262.840m
42)	L9 AR-1268-2	8.783	7.735	50730840	70740492	261.191	264.376
43)	L9 AR-1268-3	9.010	7.936	43805027	60554343	262.765	266.395
44)	L9 AR-1268-4	9.428	8.231	18771767	24970476	269.872	262.245
45)	L9 AR-1268-5	9.839	8.525	124.3E6	162.7E6	256.278	261.384

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

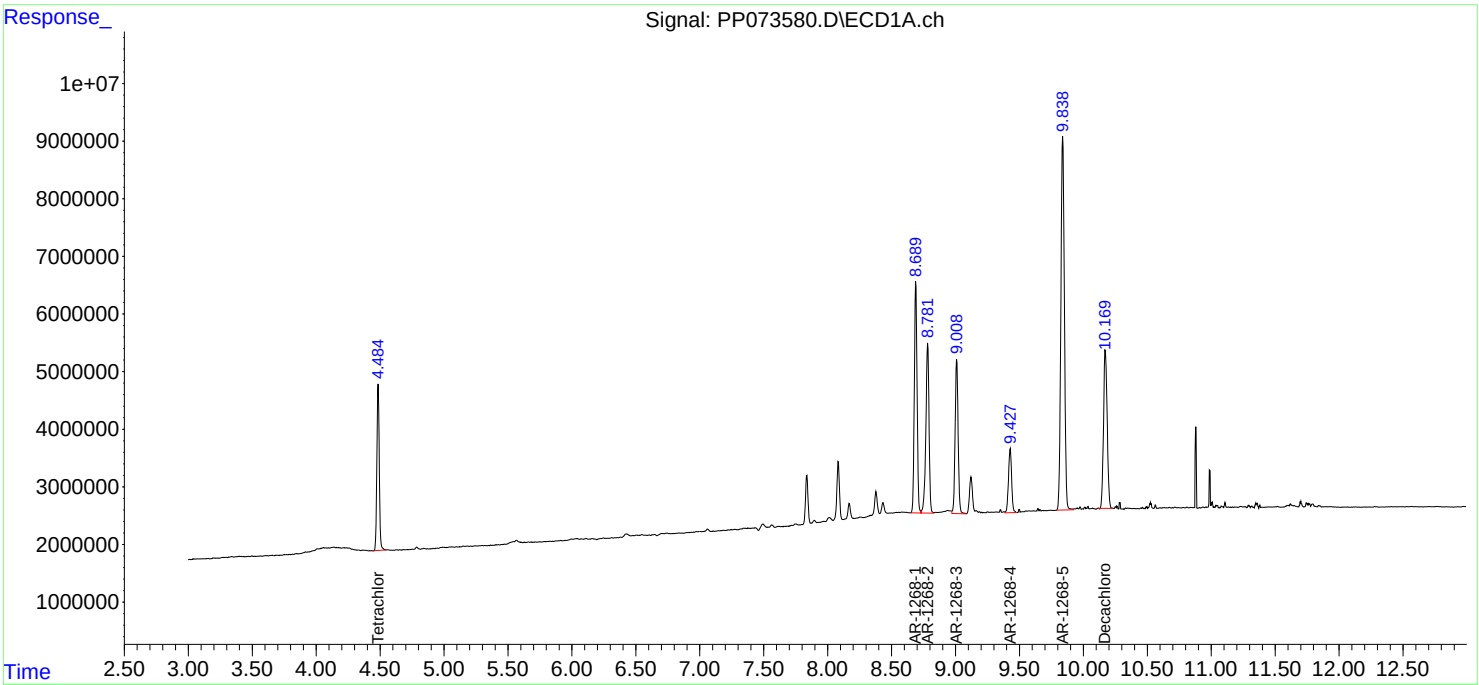
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

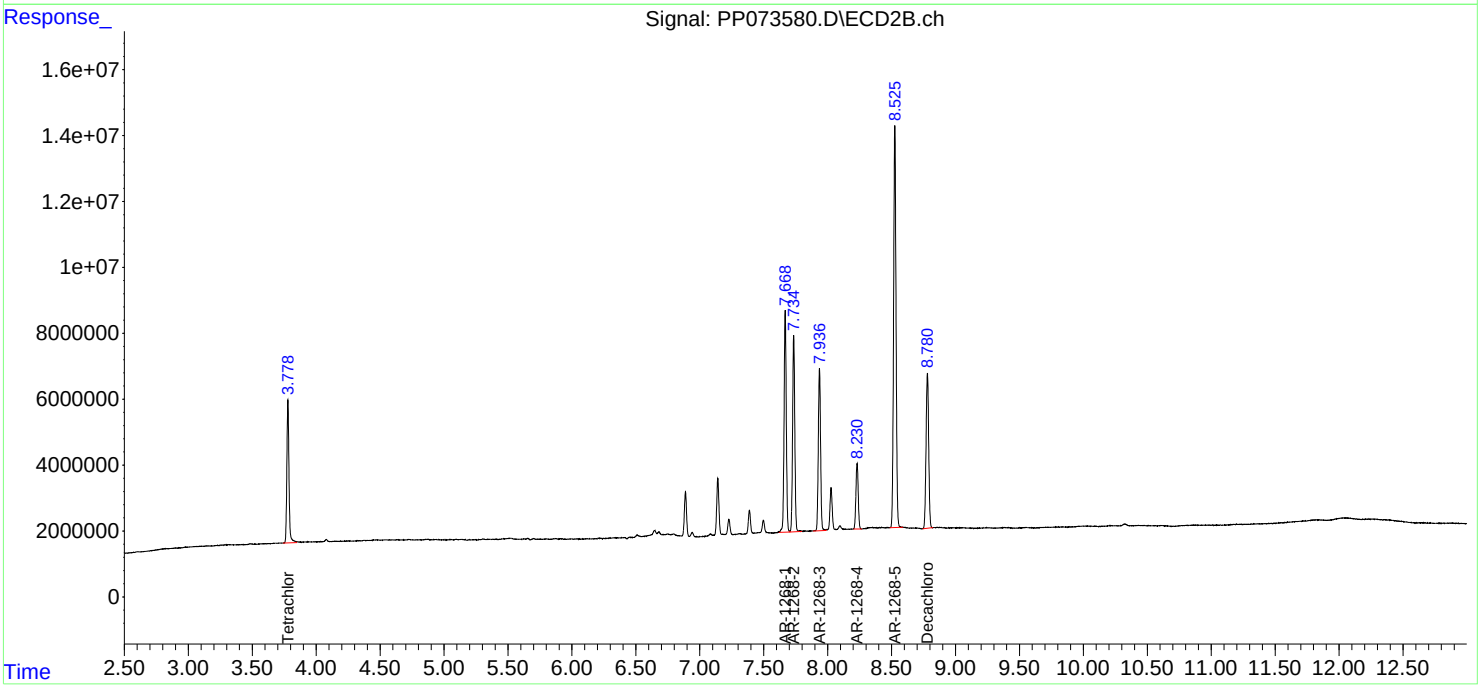
Manual Integrations APPROVED

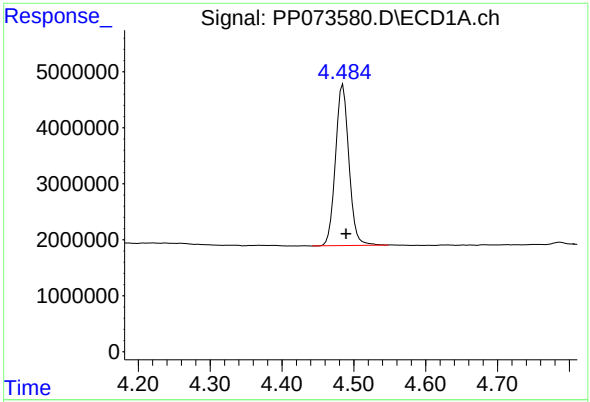
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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







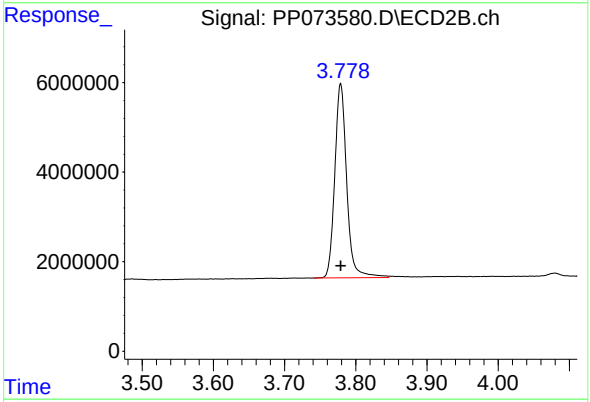
#1 Tetrachloro-m-xylene

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 37383725
Conc: 26.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

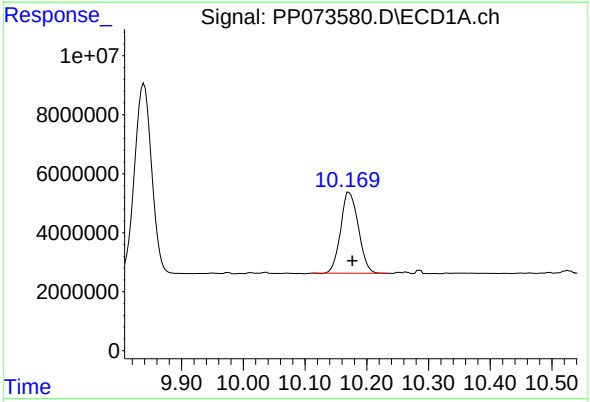
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



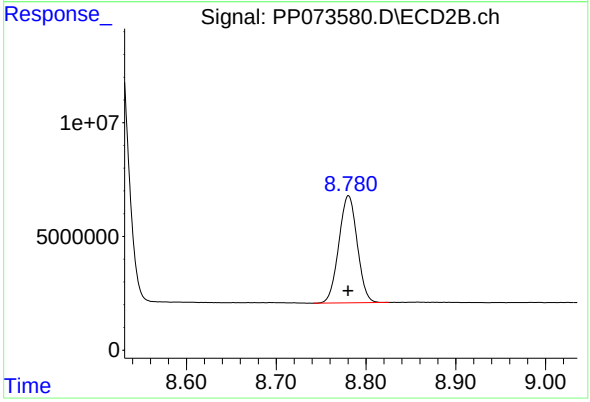
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 50542988
Conc: 26.08 ng/ml



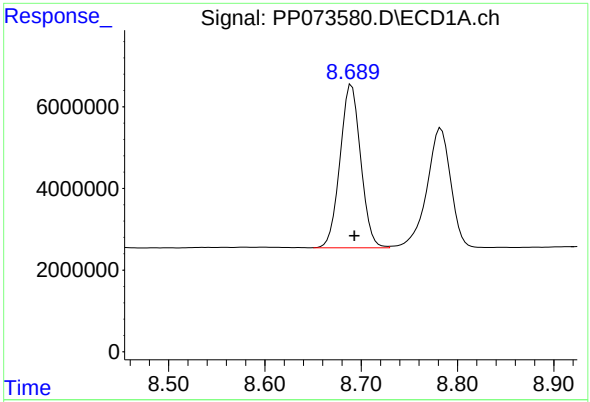
#2 Decachlorobiphenyl

R.T.: 10.171 min
Delta R.T.: -0.005 min
Response: 54731552
Conc: 26.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 67087696
Conc: 26.46 ng/ml



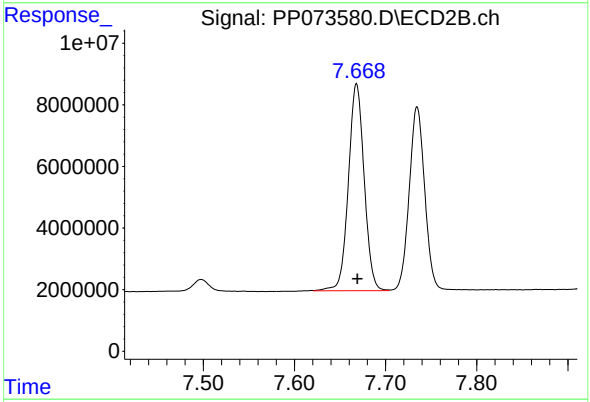
#41 AR-1268-1

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 59422367
Conc: 260.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

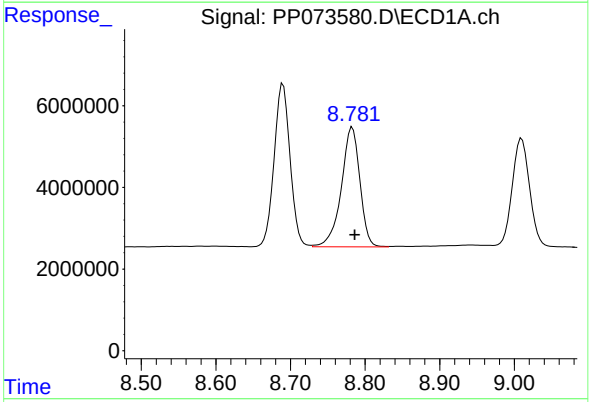
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



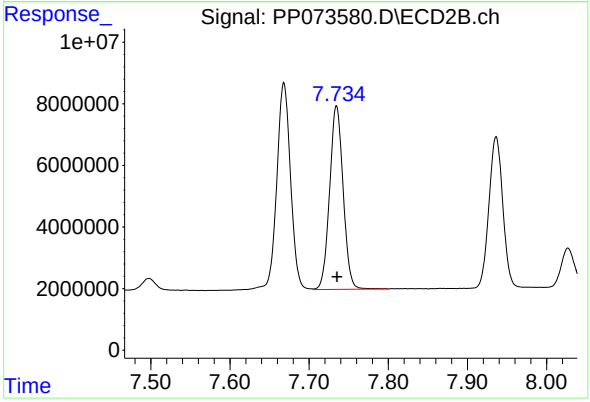
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: -0.001 min
Response: 80900824
Conc: 262.84 ng/ml m



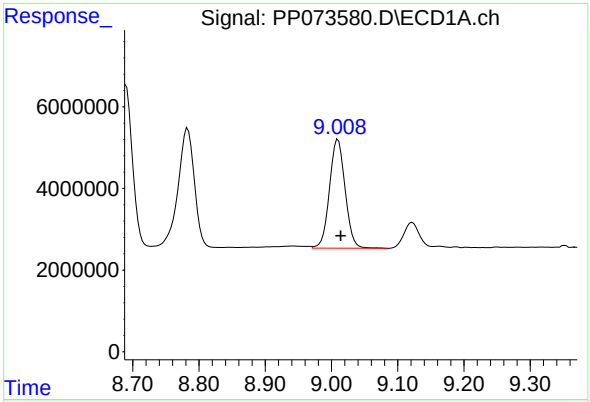
#42 AR-1268-2

R.T.: 8.783 min
Delta R.T.: -0.003 min
Response: 50730840
Conc: 261.19 ng/ml



#42 AR-1268-2

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 70740492
Conc: 264.38 ng/ml



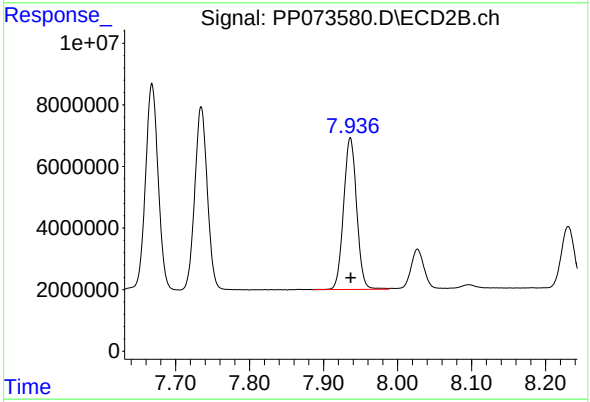
#43 AR-1268-3

R.T.: 9.010 min
Delta R.T.: -0.004 min
Response: 43805027
Conc: 262.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

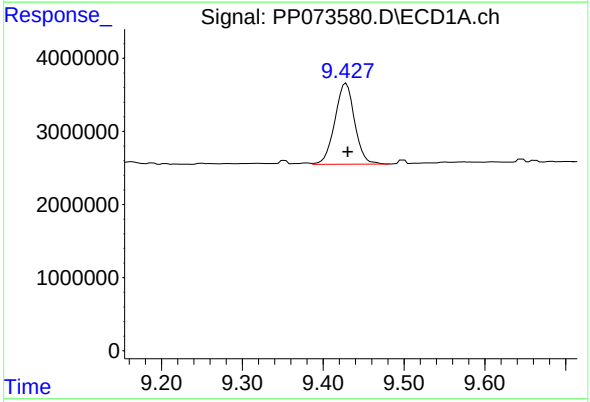
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



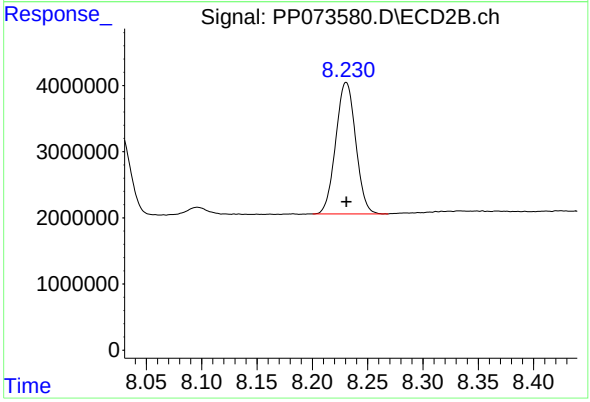
#43 AR-1268-3

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 60554343
Conc: 266.40 ng/ml



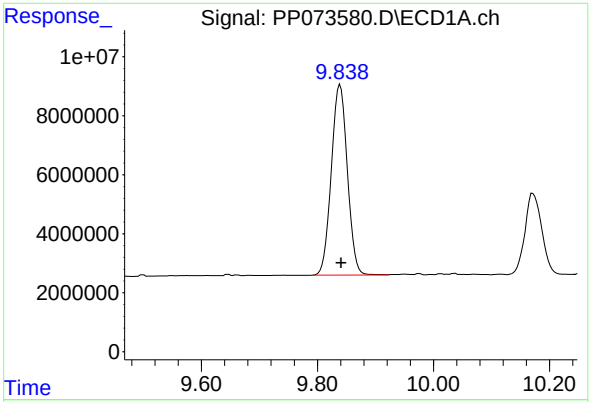
#44 AR-1268-4

R.T.: 9.428 min
Delta R.T.: -0.002 min
Response: 18771767
Conc: 269.87 ng/ml



#44 AR-1268-4

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 24970476
Conc: 262.24 ng/ml



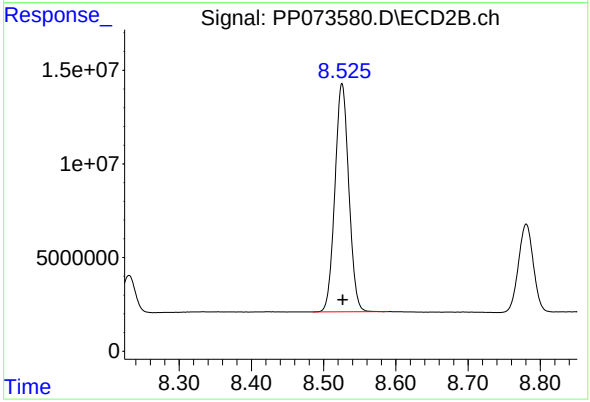
#45 AR-1268-5

R.T.: 9.839 min
Delta R.T.: -0.002 min
Response: 124334254
Conc: 256.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: -0.001 min
Response: 162694547
Conc: 261.38 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.778	6570480	8954068	4.649	4.604
2)	SA Decachlor...	10.178	8.780	8974224	11778445	4.354	4.632
	Target Compounds						
41)	L9 AR-1268-1	8.694	7.668	10231981	15365679	44.903	49.987
42)	L9 AR-1268-2	8.787	7.735	8726381	12801300	44.866	47.748
43)	L9 AR-1268-3	9.015	7.936	8012537	11044482	48.006	48.707
44)	L9 AR-1268-4	9.433	8.231	3216586	4250036	45.402	44.756
45)	L9 AR-1268-5	9.839	8.526	18594477	28831591	38.480m	46.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

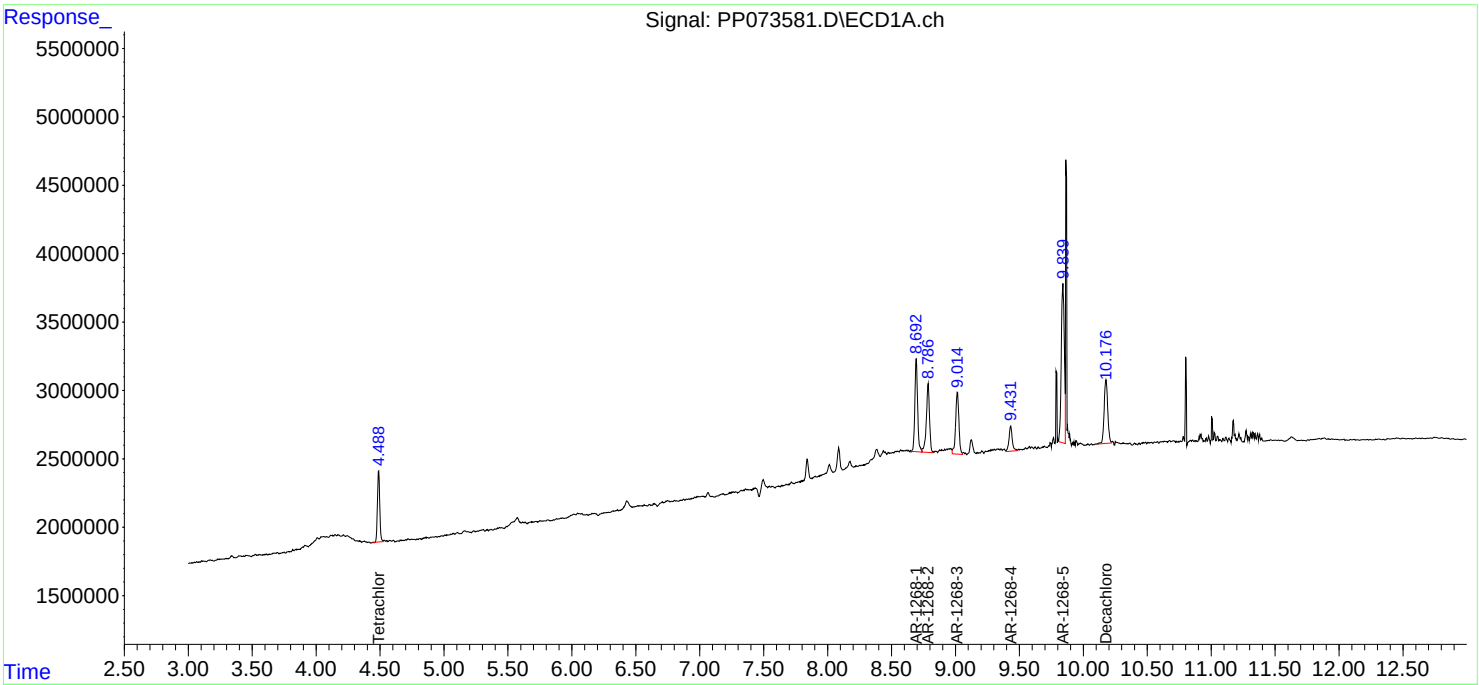
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

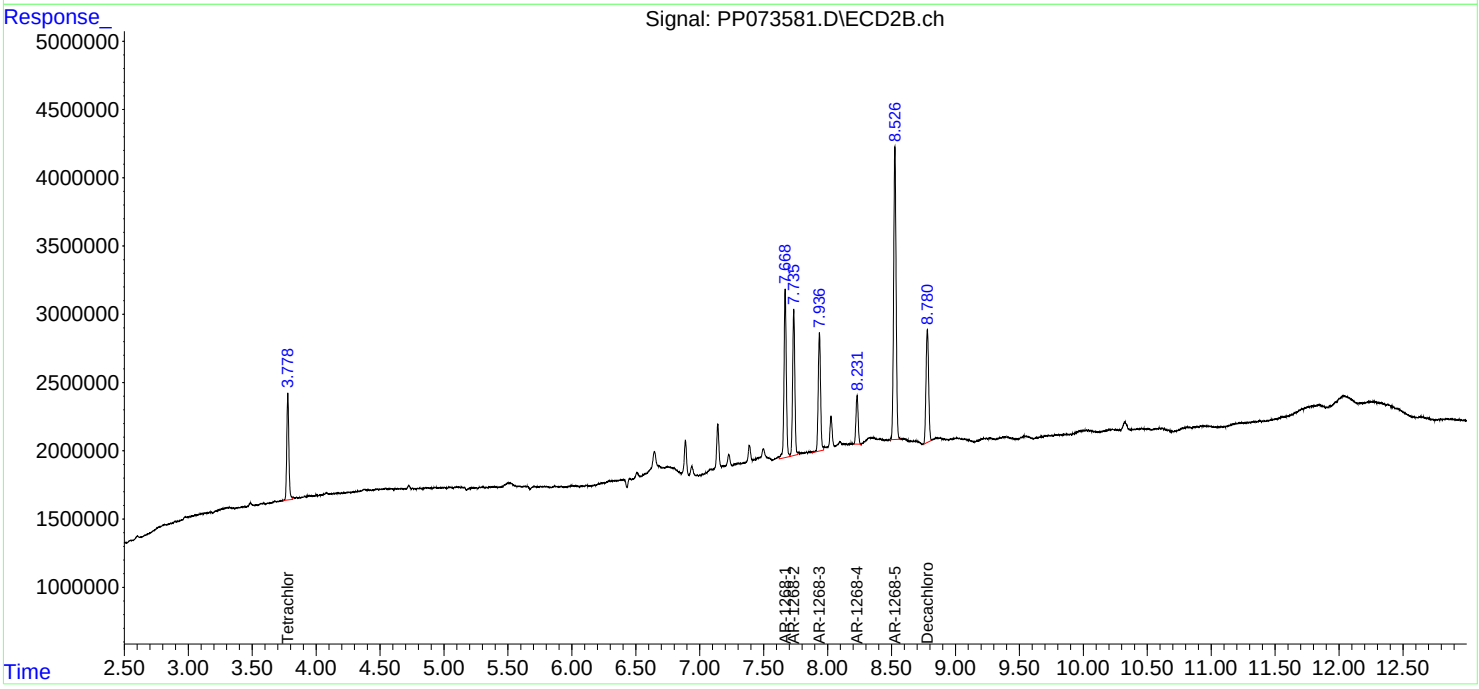
Manual Integrations APPROVED

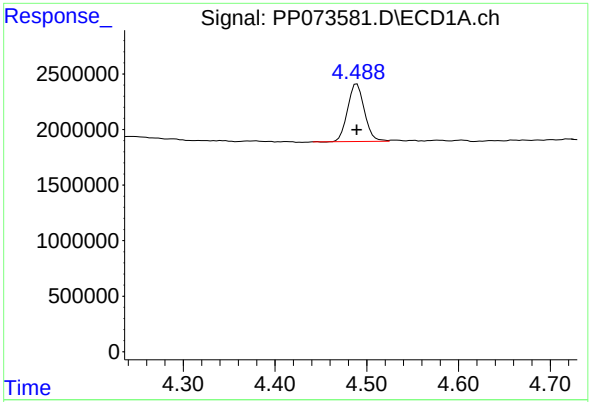
Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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







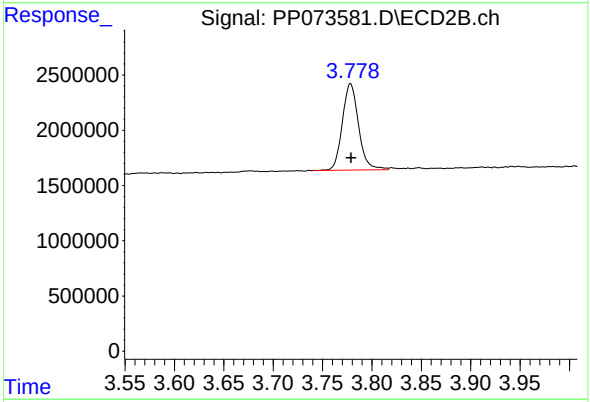
#1 Tetrachloro-m-xylene

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 6570480
Conc: 4.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

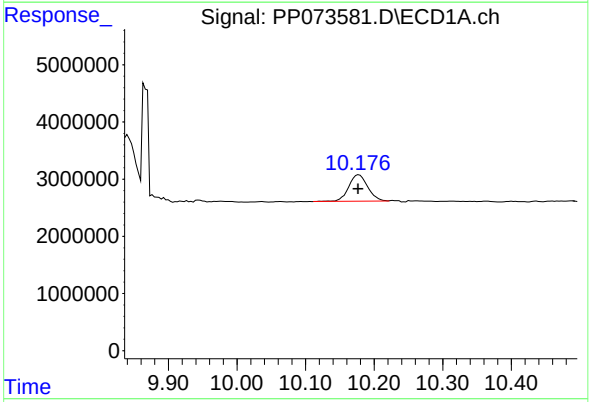
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



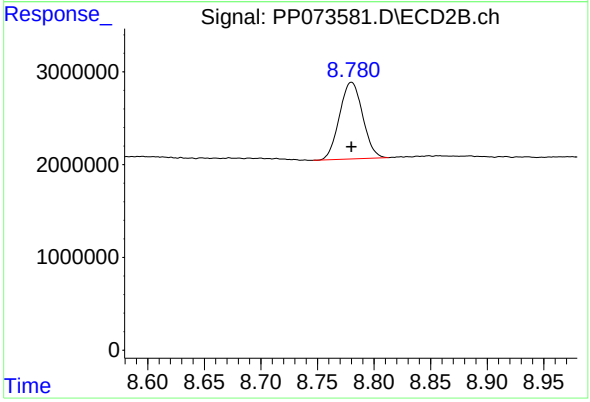
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 8954068
Conc: 4.60 ng/ml



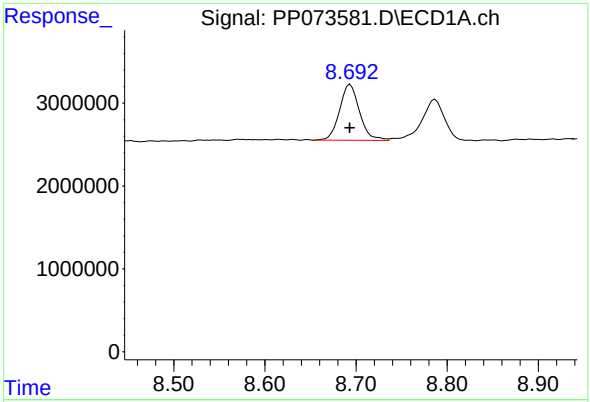
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.001 min
Response: 8974224
Conc: 4.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 11778445
Conc: 4.63 ng/ml



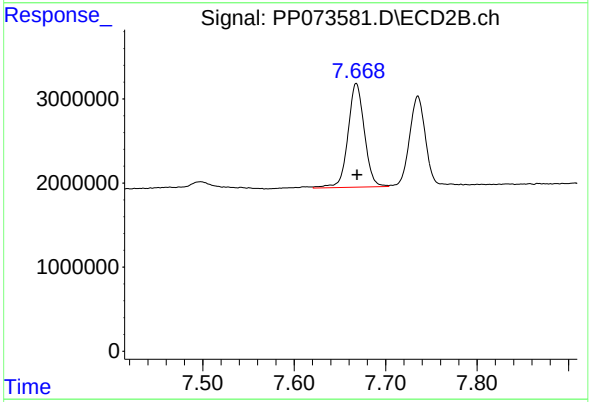
#41 AR-1268-1

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 10231981
Conc: 44.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

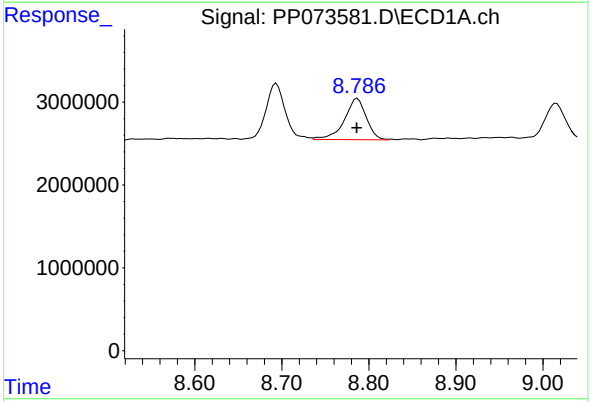
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



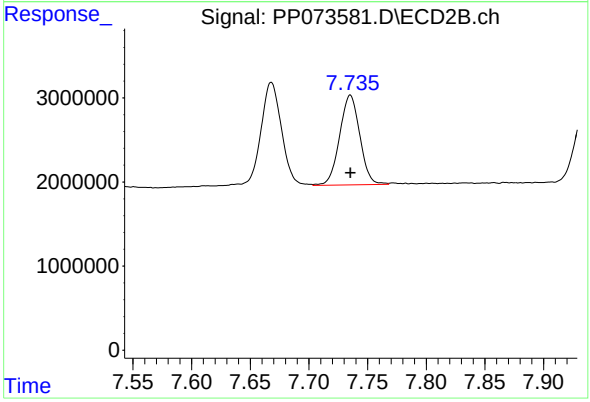
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 15365679
Conc: 49.99 ng/ml



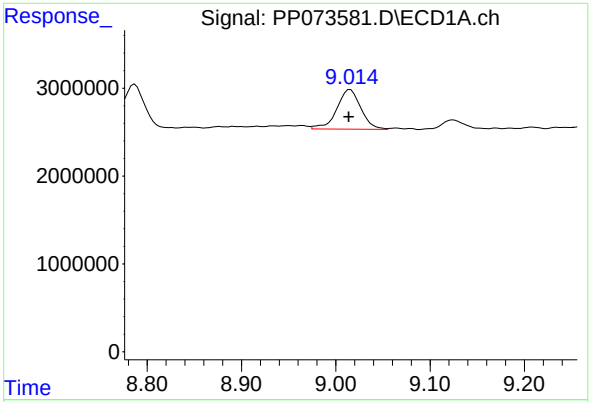
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 8726381
Conc: 44.87 ng/ml



#42 AR-1268-2

R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 12801300
Conc: 47.75 ng/ml



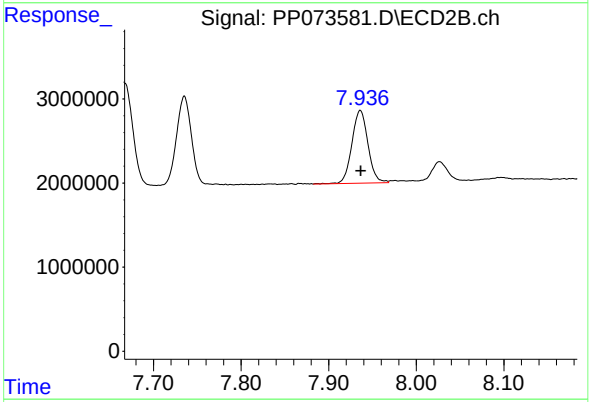
#43 AR-1268-3

R.T.: 9.015 min
Delta R.T.: 0.002 min
Response: 8012537
Conc: 48.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

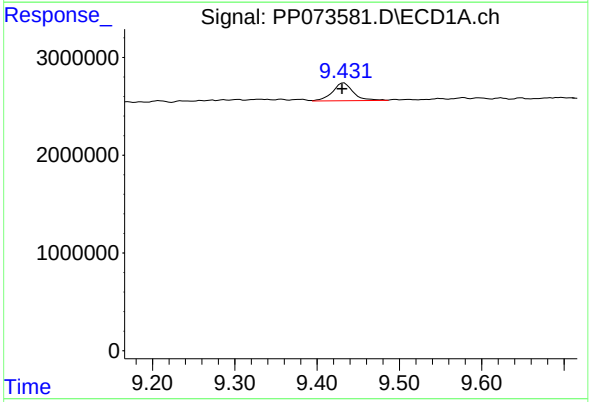
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



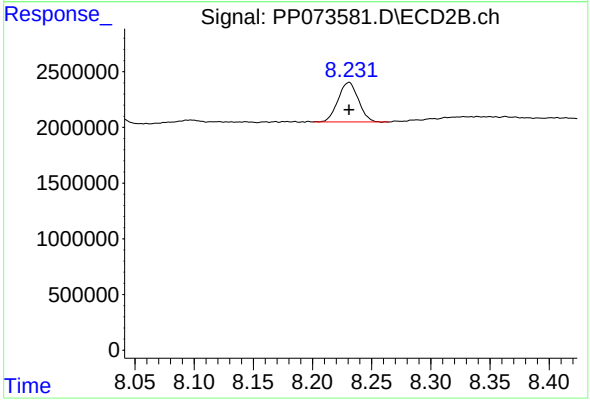
#43 AR-1268-3

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 11044482
Conc: 48.71 ng/ml



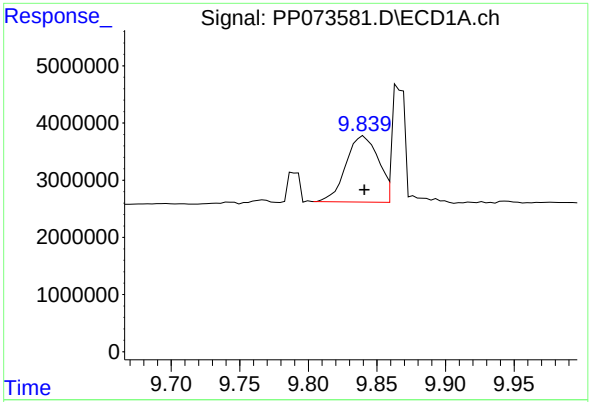
#44 AR-1268-4

R.T.: 9.433 min
Delta R.T.: 0.003 min
Response: 3216586
Conc: 45.40 ng/ml



#44 AR-1268-4

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 4250036
Conc: 44.76 ng/ml



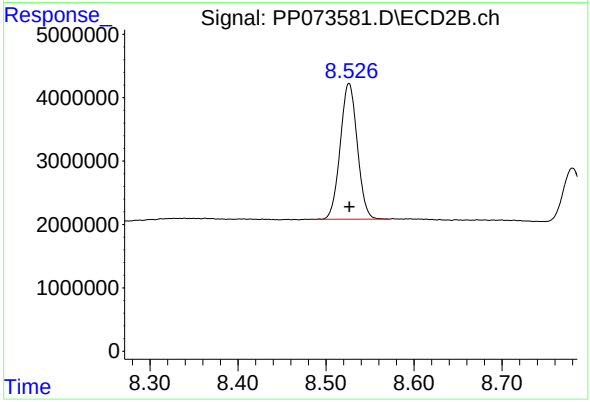
#45 AR-1268-5

R.T.: 9.839 min
Delta R.T.: -0.002 min
Response: 18594477
Conc: 38.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 28831591
Conc: 46.02 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:41
Operator : YP\AJ
Sample : PP070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:27:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.779	72260983	95891777	52.763	52.050
2)	SA Decachlor...	10.173	8.780	57429181	73824211	52.636	55.794
	Target Compounds						
3)	L1 AR-1016-1	5.636	4.857	23819344	35187796	501.317	516.141
4)	L1 AR-1016-2	5.657	4.875	36673403	52182388	514.968	512.173
5)	L1 AR-1016-3	5.719	5.051	22168045	28112093	507.707	519.571
6)	L1 AR-1016-4	5.817	5.093	18666023	22689979	519.286	517.082
7)	L1 AR-1016-5	6.109	5.307	16712865	28698340	533.439	525.779
31)	L7 AR-1260-1	7.226	6.337	30361600	49427132	514.942	506.632
32)	L7 AR-1260-2	7.479	6.525	43933298	61439670	458.403	500.170
33)	L7 AR-1260-3	7.837	6.677	37495485	56331160	513.140	514.610
34)	L7 AR-1260-4	8.061	7.146	33945827	47047060	519.845	526.204
35)	L7 AR-1260-5	8.379	7.389	79838825	118.4E6	529.250	526.873

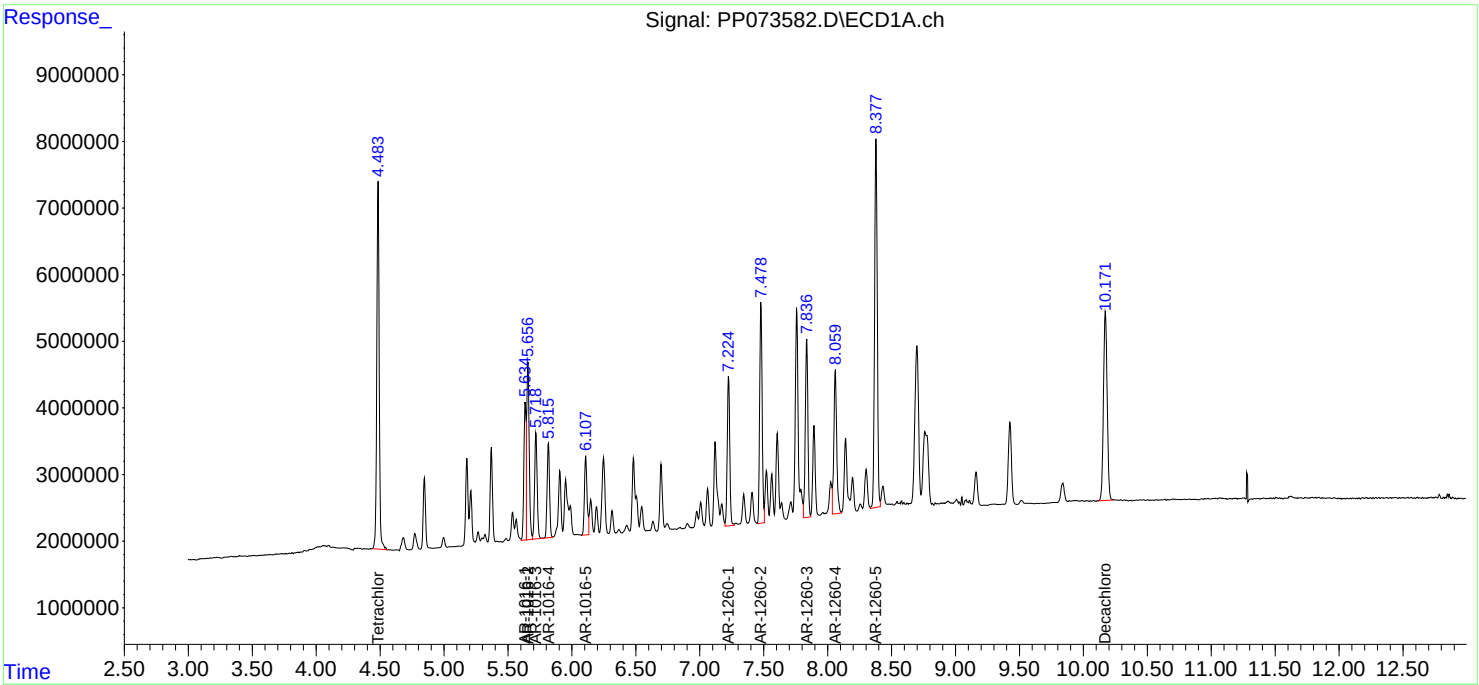
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

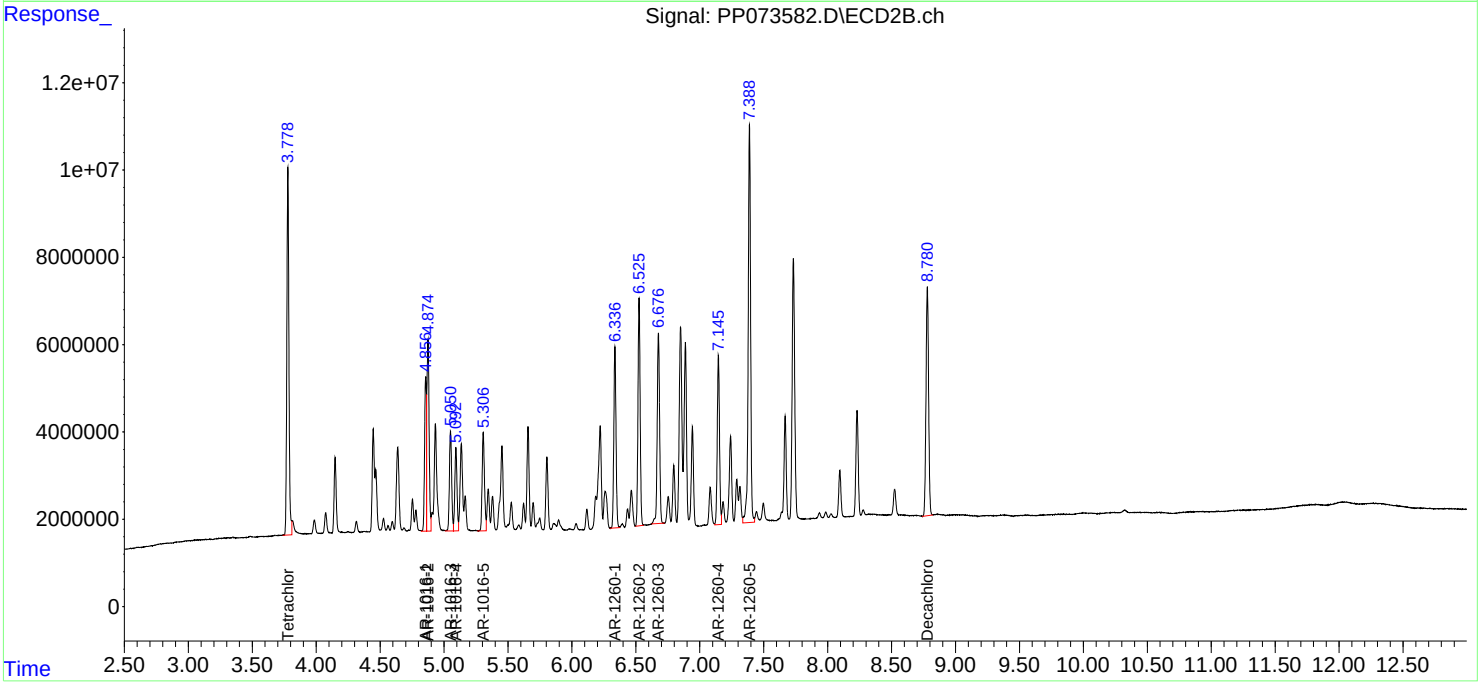
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:41
Operator : YP\AJ
Sample : PP070125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

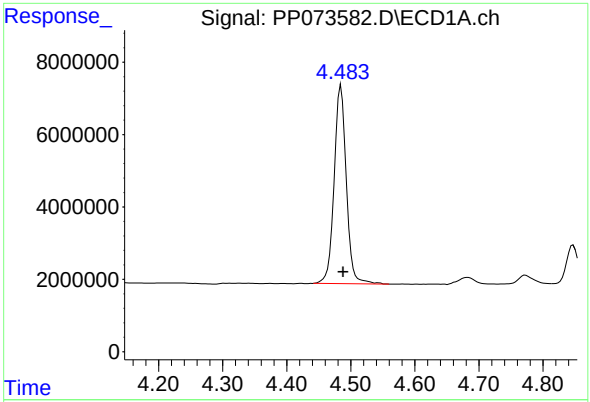
Instrument :
ECD_P
ClientSampleId :
ICVPP070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:27:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



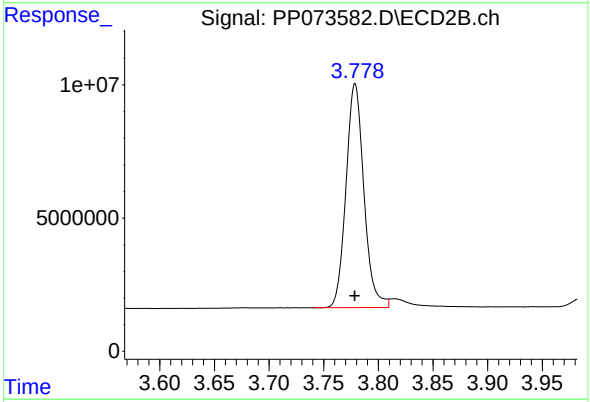




#1 Tetrachloro-m-xylene

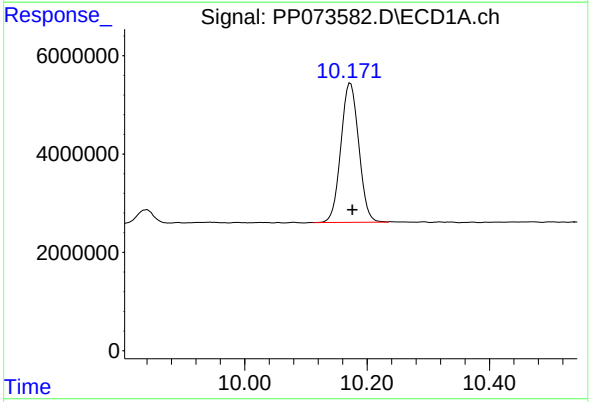
R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 72260983
Conc: 52.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825



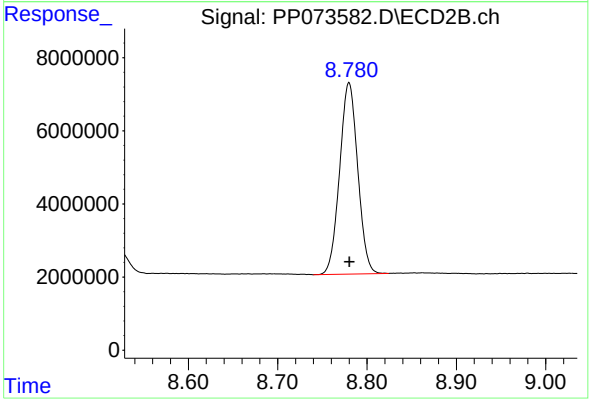
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 95891777
Conc: 52.05 ng/ml



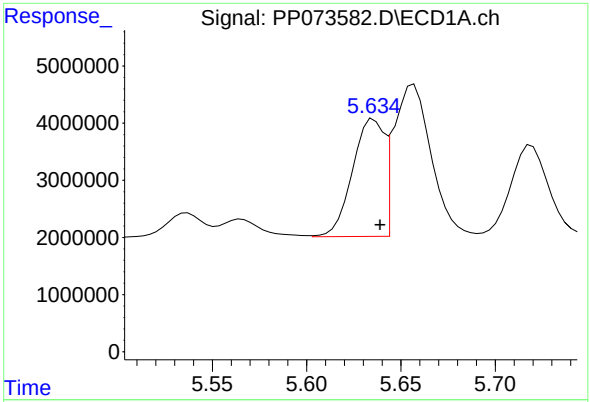
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: -0.003 min
Response: 57429181
Conc: 52.64 ng/ml



#2 Decachlorobiphenyl

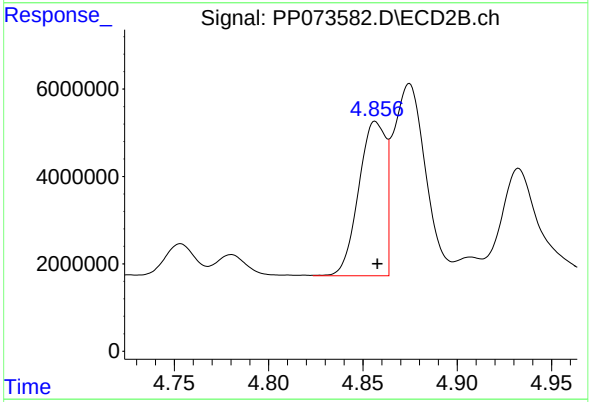
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 73824211
Conc: 55.79 ng/ml



#3 AR-1016-1

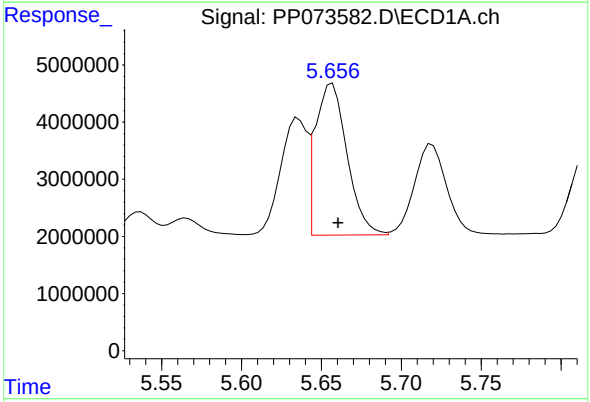
R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 23819344
Conc: 501.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825



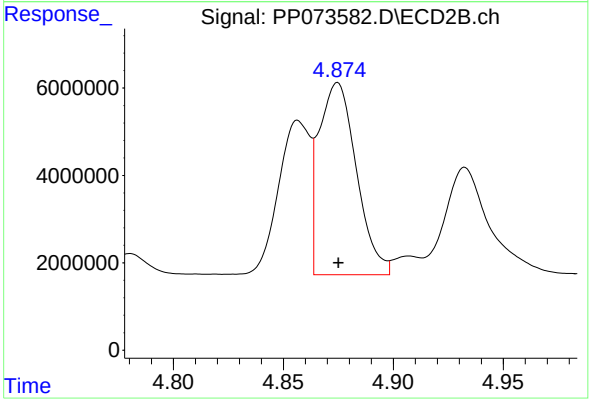
#3 AR-1016-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 35187796
Conc: 516.14 ng/ml



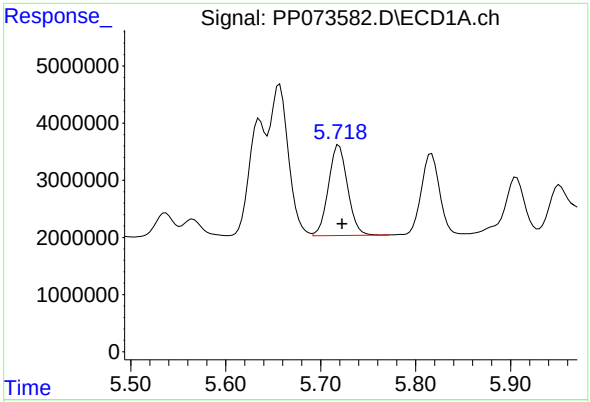
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 36673403
Conc: 514.97 ng/ml



#4 AR-1016-2

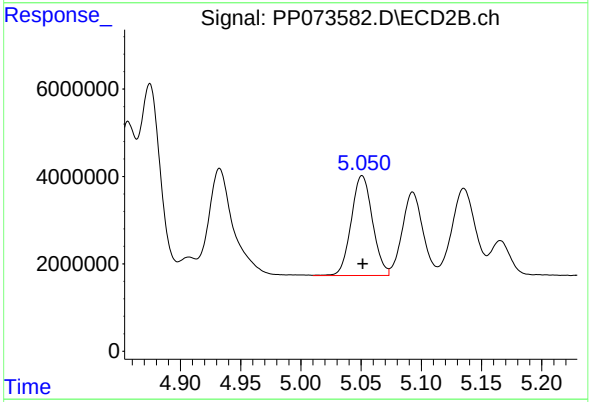
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 52182388
Conc: 512.17 ng/ml



#5 AR-1016-3

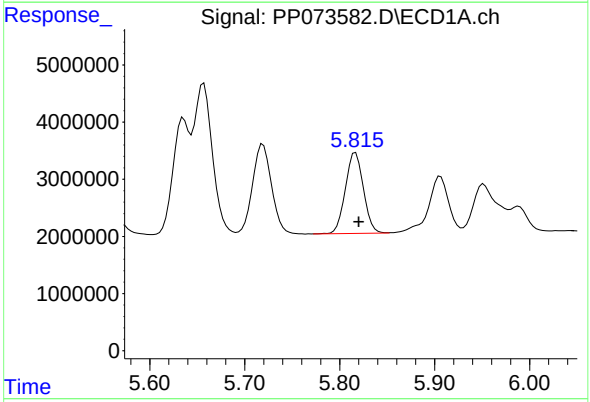
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 22168045
Conc: 507.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825



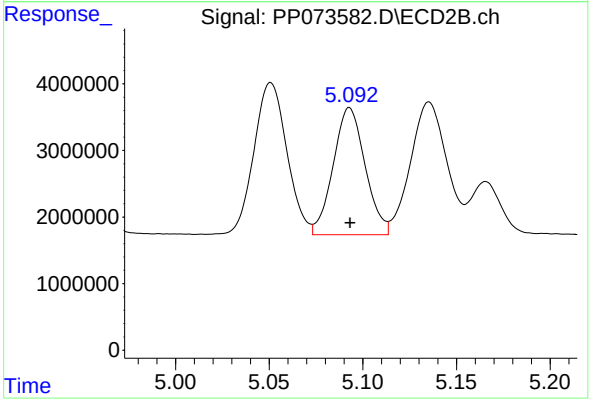
#5 AR-1016-3

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 28112093
Conc: 519.57 ng/ml



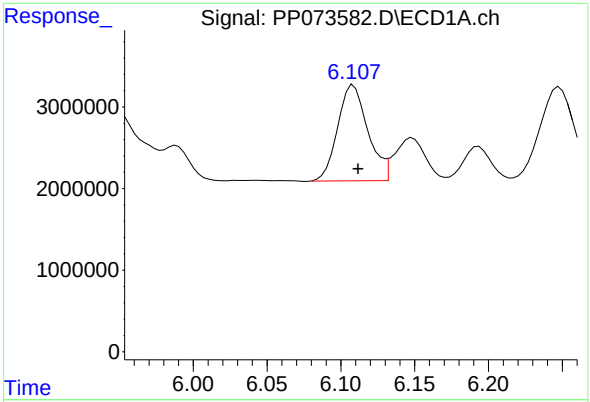
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 18666023
Conc: 519.29 ng/ml



#6 AR-1016-4

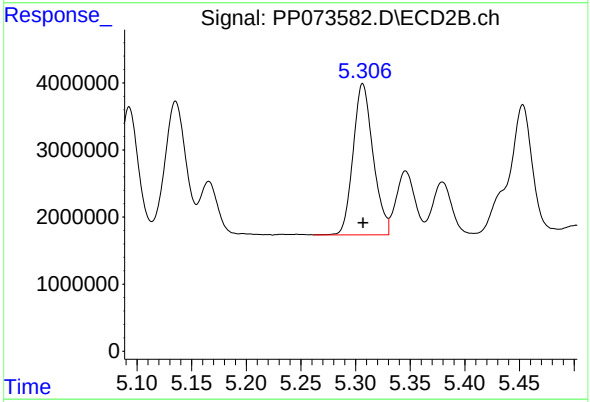
R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 22689979
Conc: 517.08 ng/ml



#7 AR-1016-5

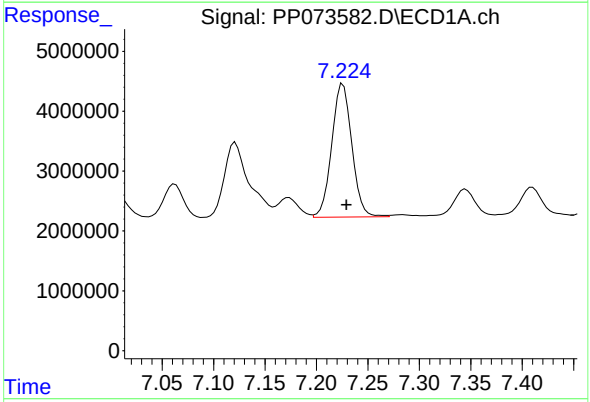
R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 16712865
Conc: 533.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825



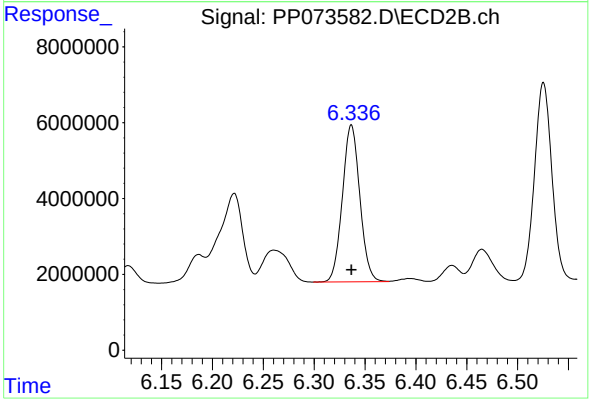
#7 AR-1016-5

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 28698340
Conc: 525.78 ng/ml



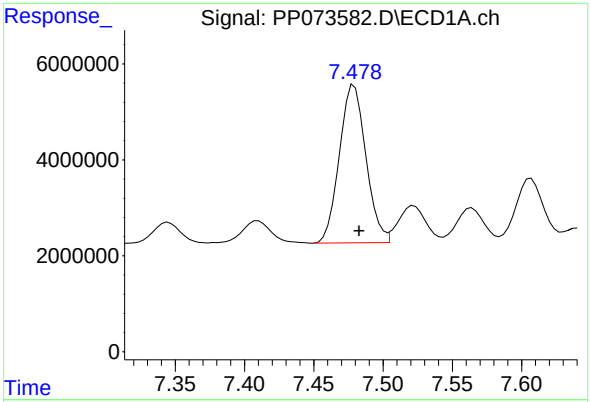
#31 AR-1260-1

R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 30361600
Conc: 514.94 ng/ml



#31 AR-1260-1

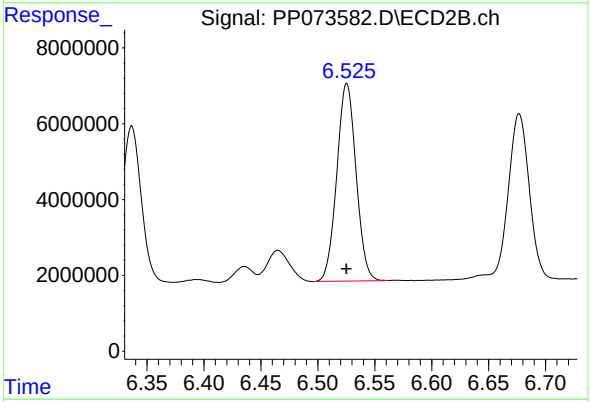
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 49427132
Conc: 506.63 ng/ml



#32 AR-1260-2

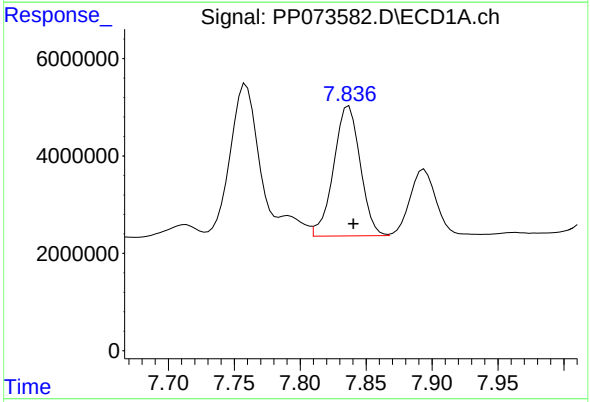
R.T.: 7.479 min
Delta R.T.: -0.004 min
Response: 43933298
Conc: 458.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825



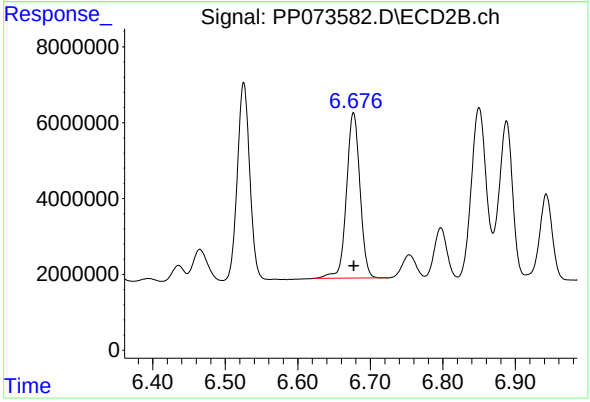
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 61439670
Conc: 500.17 ng/ml



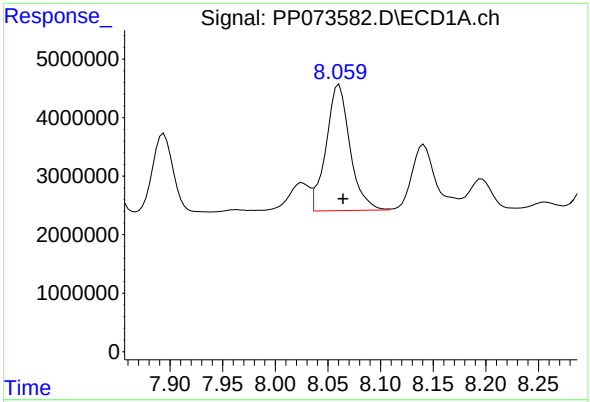
#33 AR-1260-3

R.T.: 7.837 min
Delta R.T.: -0.003 min
Response: 37495485
Conc: 513.14 ng/ml



#33 AR-1260-3

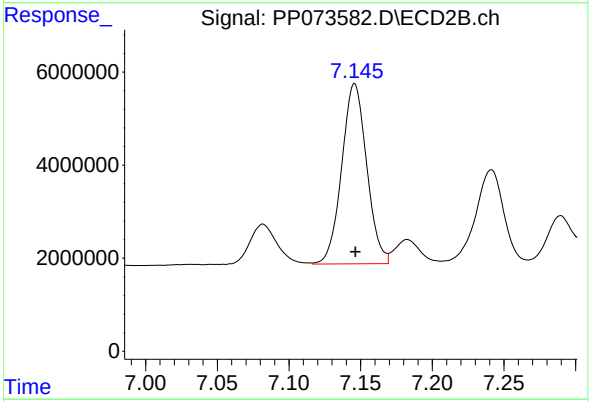
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 56331160
Conc: 514.61 ng/ml



#34 AR-1260-4

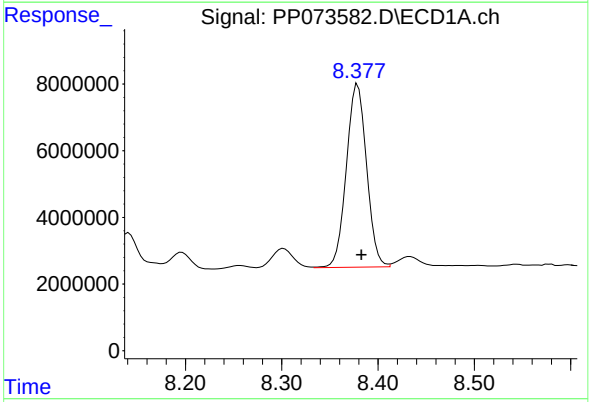
R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 33945827
Conc: 519.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825



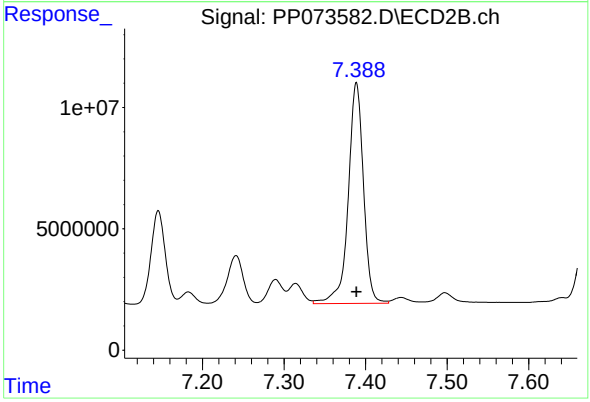
#34 AR-1260-4

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 47047060
Conc: 526.20 ng/ml



#35 AR-1260-5

R.T.: 8.379 min
Delta R.T.: -0.004 min
Response: 79838825
Conc: 529.25 ng/ml



#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 118407698
Conc: 526.87 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:30
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:53:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:39:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.486	3.780	72993940	98810271	53.555	54.104
2)	SA Decachlor...	10.175	8.781	59178077	71524197	53.748	53.924
	Target Compounds						
16)	L4 AR-1242-1	5.637	4.858	20775175	30801945	544.021	533.231
17)	L4 AR-1242-2	5.658	4.875	31979969	45687015	534.049	528.453
18)	L4 AR-1242-3	5.720	5.052	19490860	24488942	532.233	532.986
19)	L4 AR-1242-4	5.817	5.136	16125476	23556759	501.788	532.196
20)	L4 AR-1242-5	6.547	5.657	17188141	29930341	525.039	541.800

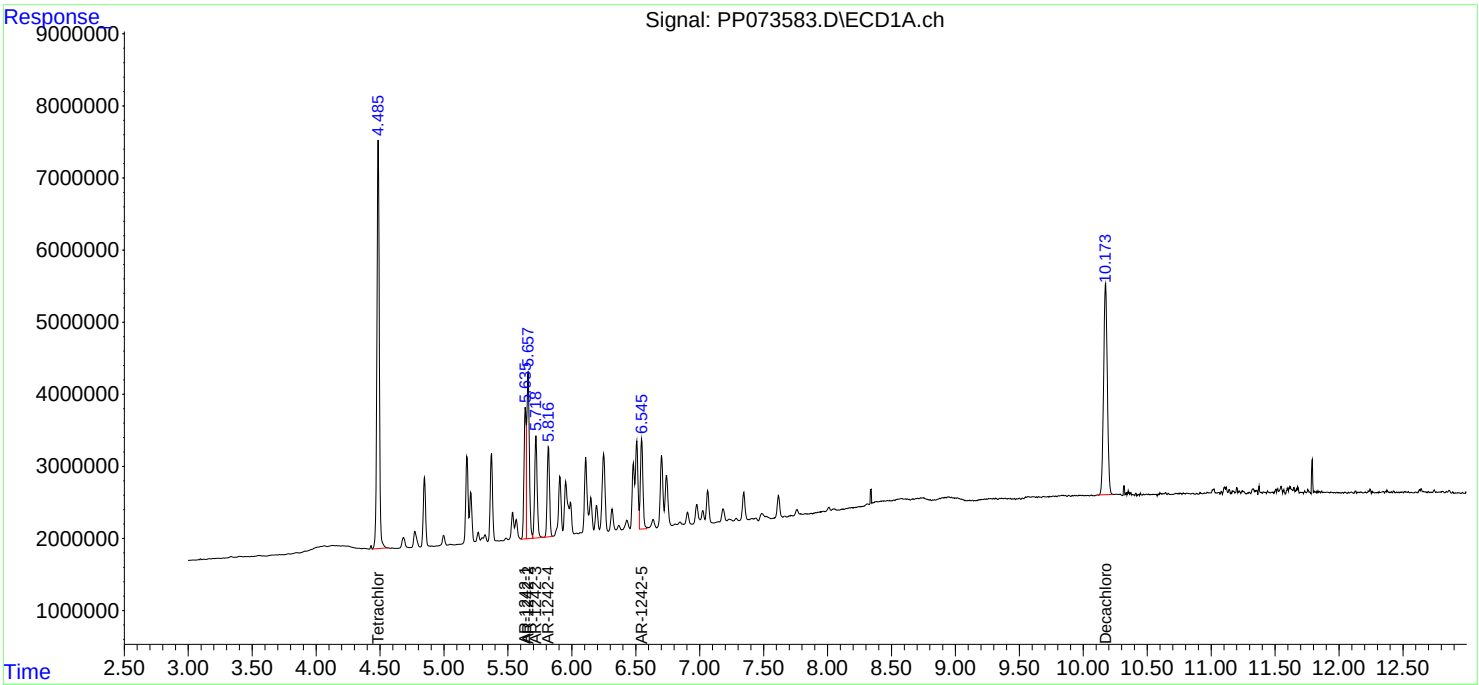
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

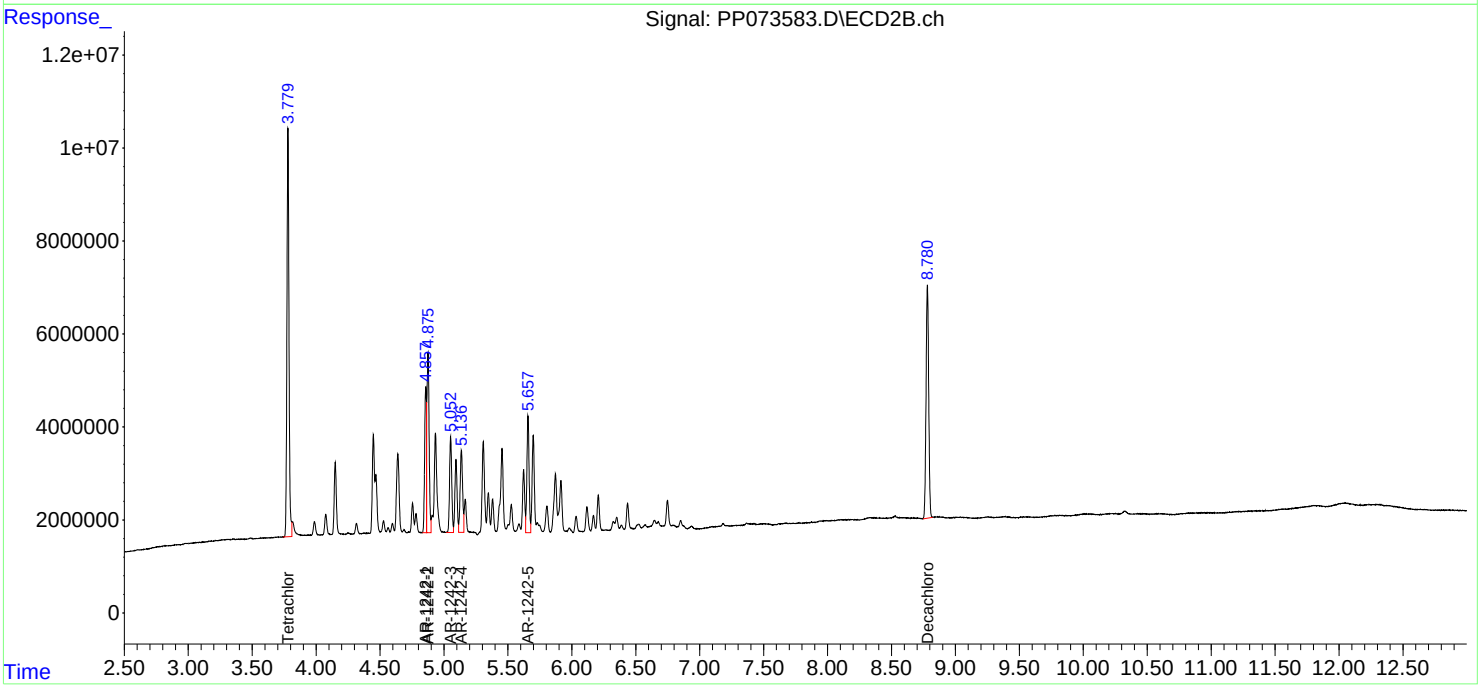
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:30
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

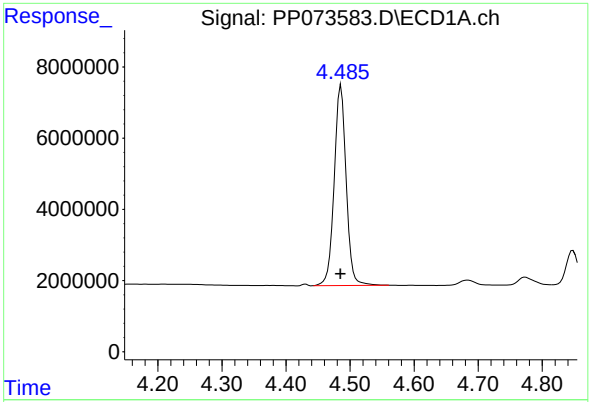
Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:53:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:39:05 2025
Response via : Initial Calibration
Integrator: ChemStation

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



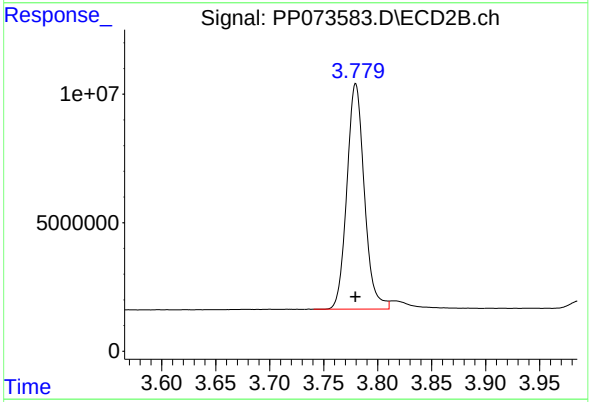




#1 Tetrachloro-m-xylene

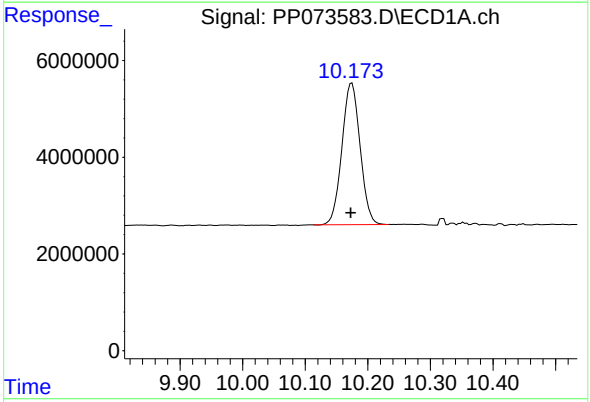
R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 72993940
Conc: 53.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242



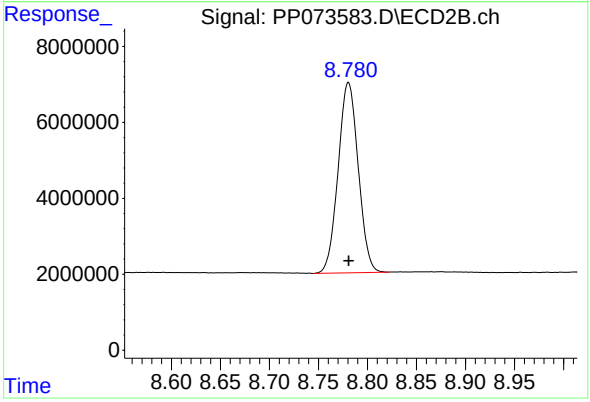
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 98810271
Conc: 54.10 ng/ml



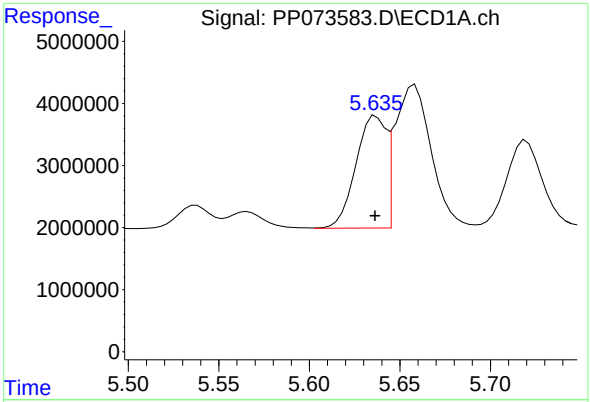
#2 Decachlorobiphenyl

R.T.: 10.175 min
Delta R.T.: 0.002 min
Response: 59178077
Conc: 53.75 ng/ml



#2 Decachlorobiphenyl

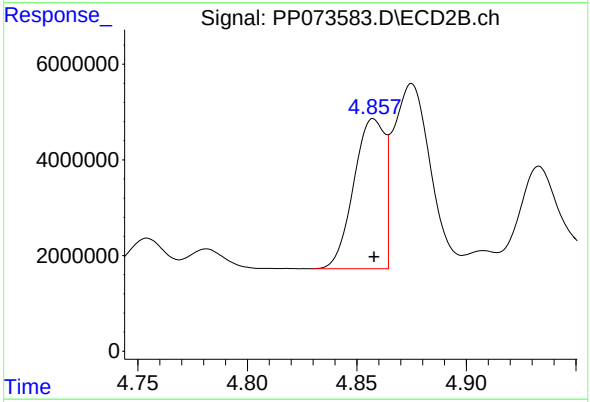
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 71524197
Conc: 53.92 ng/ml



#16 AR-1242-1

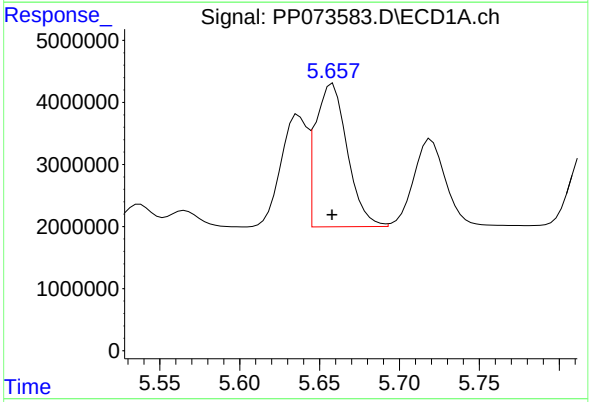
R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 20775175
Conc: 544.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242



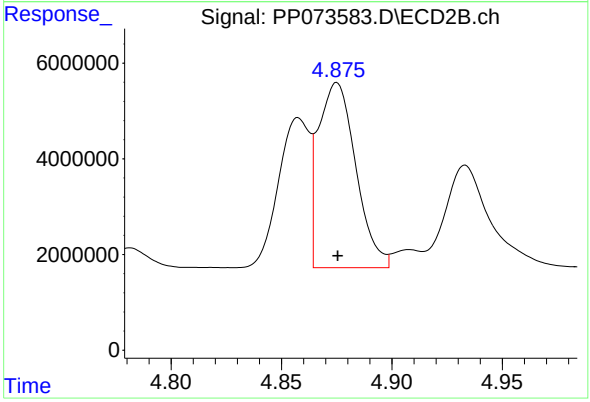
#16 AR-1242-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 30801945
Conc: 533.23 ng/ml



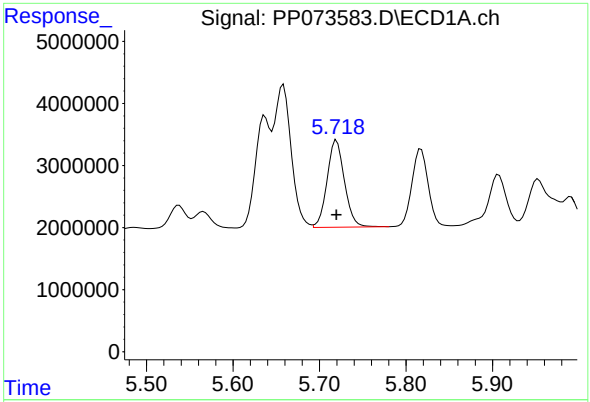
#17 AR-1242-2

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 31979969
Conc: 534.05 ng/ml



#17 AR-1242-2

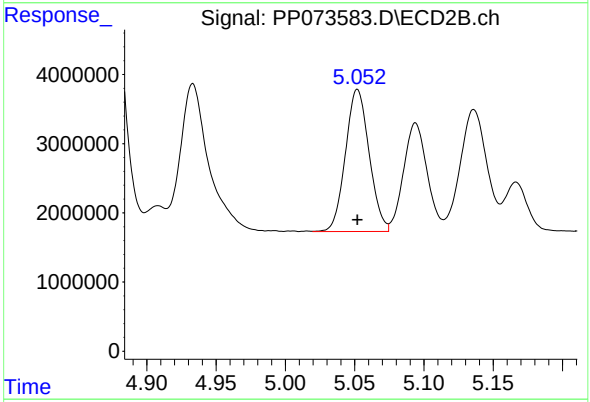
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 45687015
Conc: 528.45 ng/ml



#18 AR-1242-3

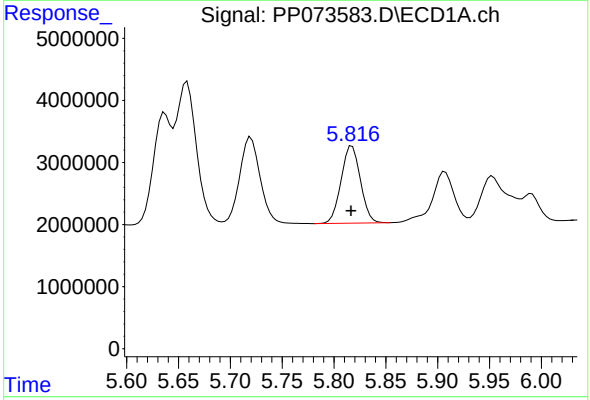
R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 19490860
Conc: 532.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242



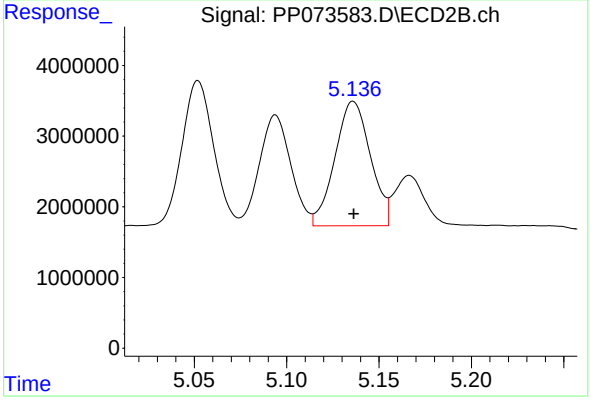
#18 AR-1242-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 24488942
Conc: 532.99 ng/ml



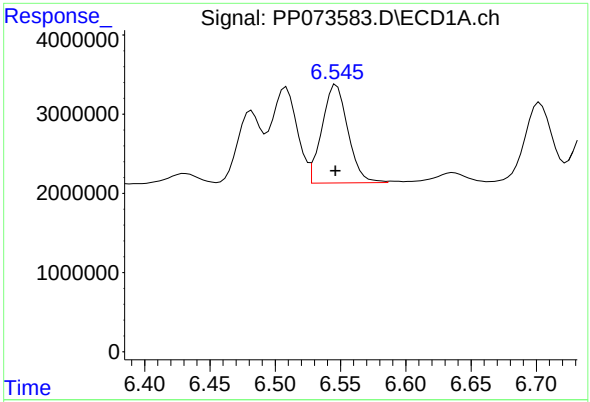
#19 AR-1242-4

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 16125476
Conc: 501.79 ng/ml



#19 AR-1242-4

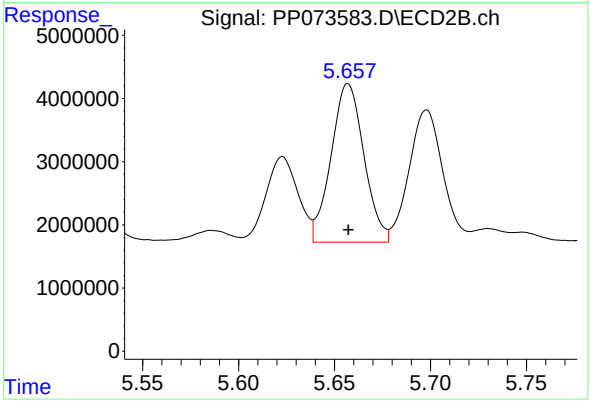
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 23556759
Conc: 532.20 ng/ml



#20 AR-1242-5

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 17188141
Conc: 525.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242



#20 AR-1242-5

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 29930341
Conc: 541.80 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:46
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:11:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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...	4.489	3.778	71424974	97266201	52.153	52.796
2)	SA Decachlor...	10.176	8.779	58027297	74824812	53.185	56.551
	Target Compounds						
21)	L5 AR-1248-1	5.639	4.857	15762091	23607850	510.587	525.847
22)	L5 AR-1248-2	5.910	5.092	20492312	31849894	513.291	517.577
23)	L5 AR-1248-3	6.112	5.134	23677594	33328191	533.164	520.228
24)	L5 AR-1248-4	6.511	5.306	28997723	39129254	526.461	519.111
25)	L5 AR-1248-5	6.550	5.697	28371365	39383540	527.441	527.994

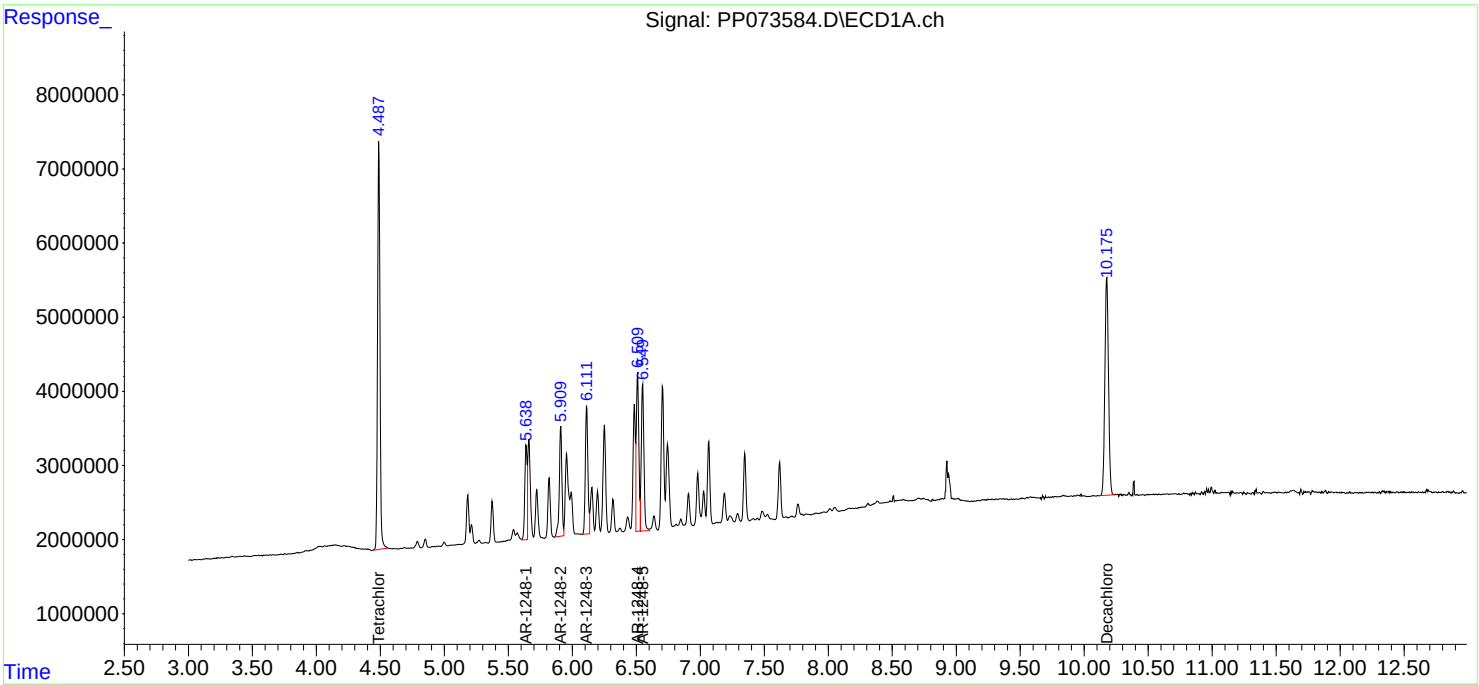
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

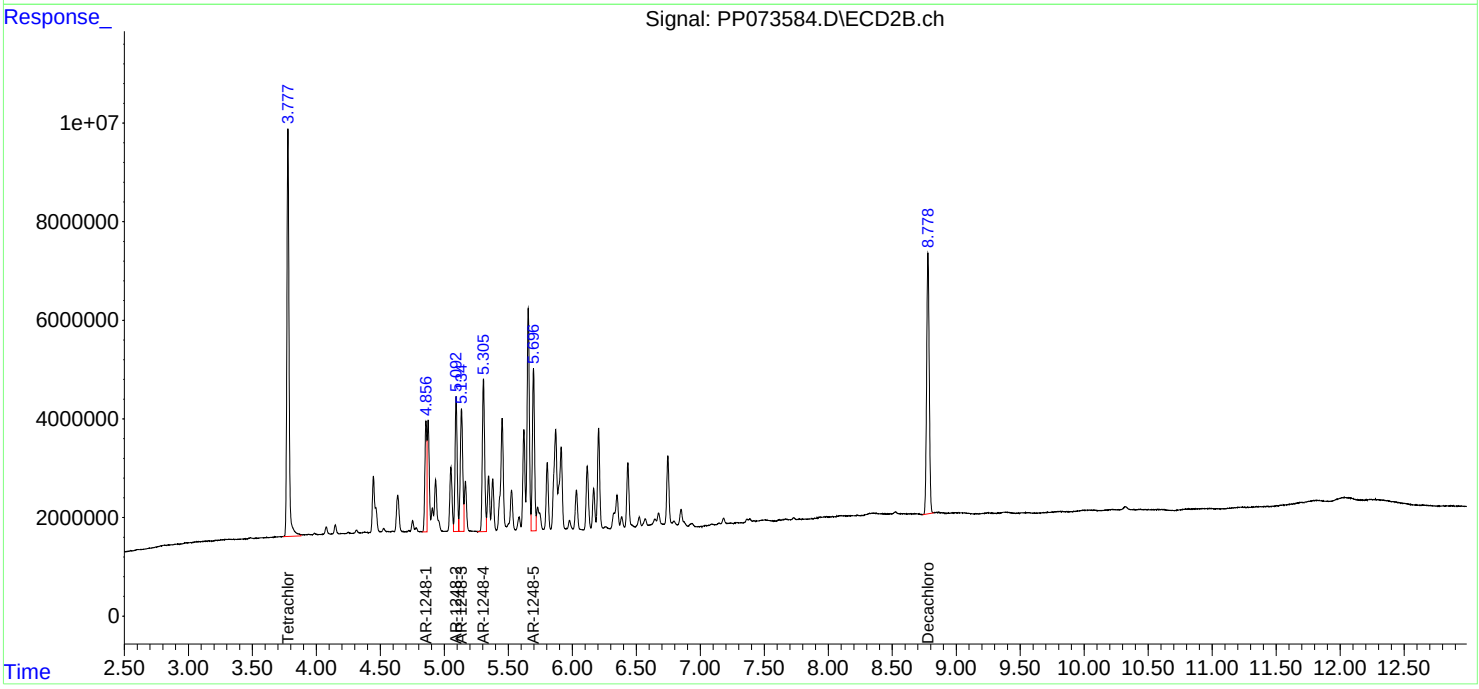
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:46
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

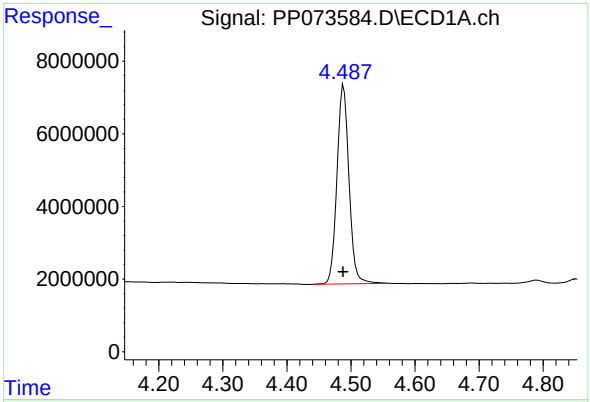
Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:11:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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



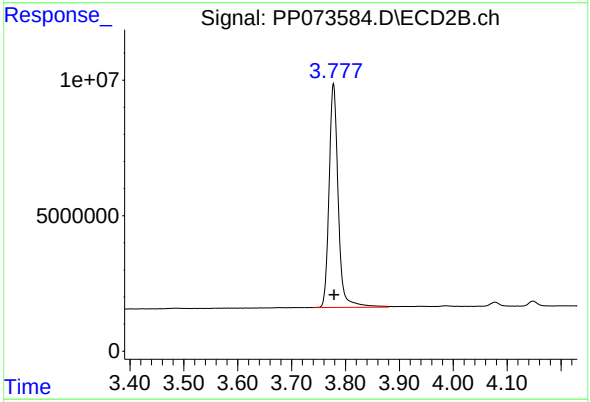




#1 Tetrachloro-m-xylene

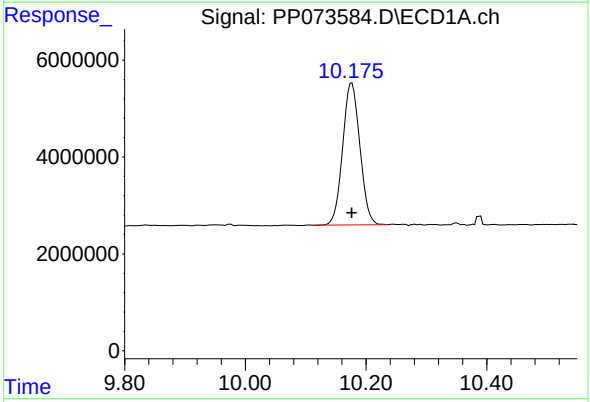
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 71424974
Conc: 52.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248



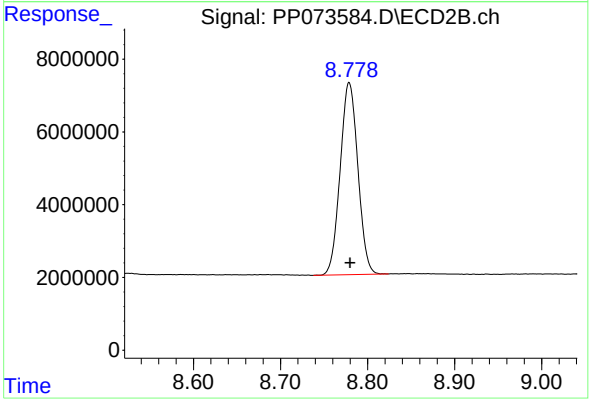
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 97266201
Conc: 52.80 ng/ml



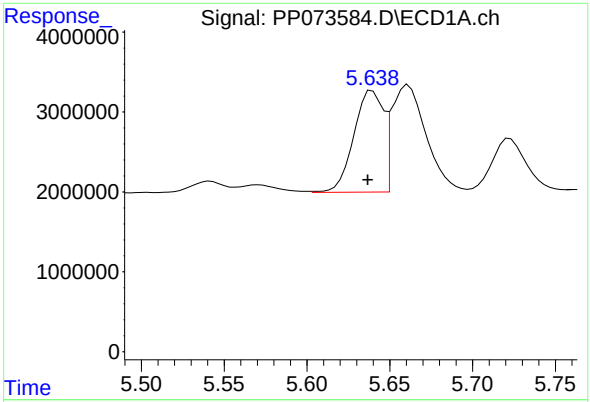
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 58027297
Conc: 53.18 ng/ml



#2 Decachlorobiphenyl

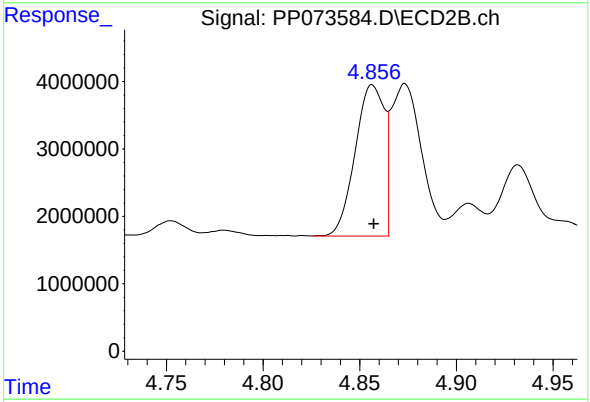
R.T.: 8.779 min
Delta R.T.: -0.001 min
Response: 74824812
Conc: 56.55 ng/ml



#21 AR-1248-1

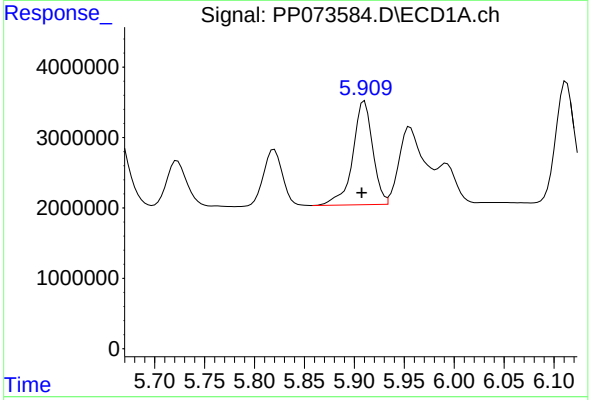
R.T.: 5.639 min
Delta R.T.: 0.003 min
Response: 15762091
Conc: 510.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248



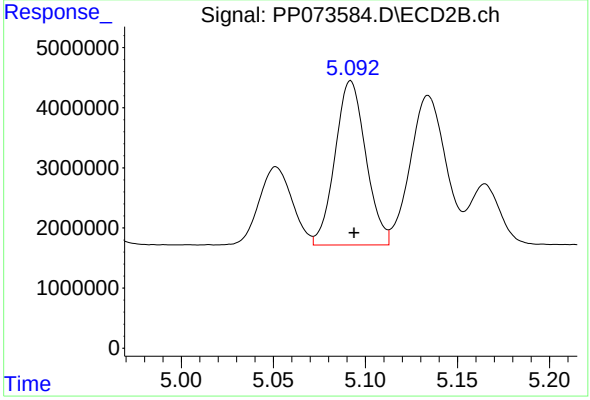
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 23607850
Conc: 525.85 ng/ml



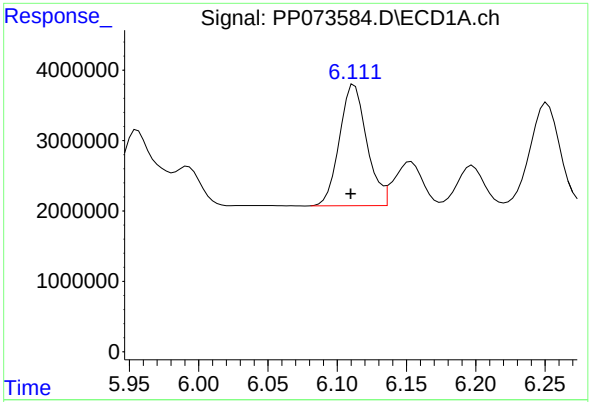
#22 AR-1248-2

R.T.: 5.910 min
Delta R.T.: 0.003 min
Response: 20492312
Conc: 513.29 ng/ml



#22 AR-1248-2

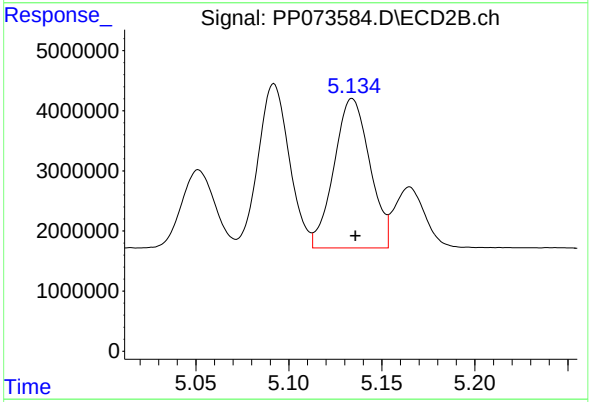
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 31849894
Conc: 517.58 ng/ml



#23 AR-1248-3

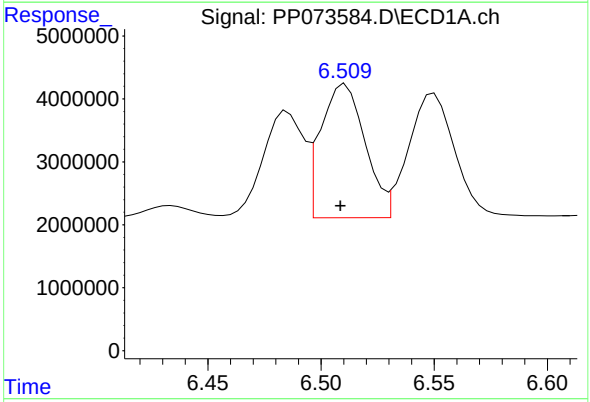
R.T.: 6.112 min
Delta R.T.: 0.003 min
Response: 23677594
Conc: 533.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248



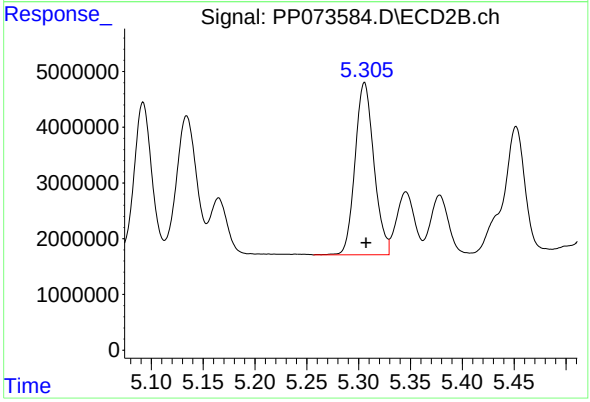
#23 AR-1248-3

R.T.: 5.134 min
Delta R.T.: -0.002 min
Response: 33328191
Conc: 520.23 ng/ml



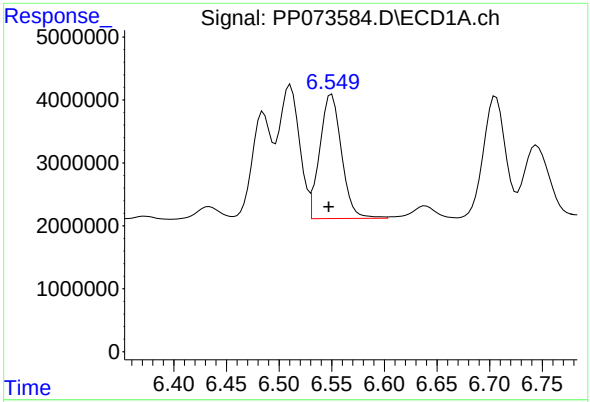
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: 0.002 min
Response: 28997723
Conc: 526.46 ng/ml



#24 AR-1248-4

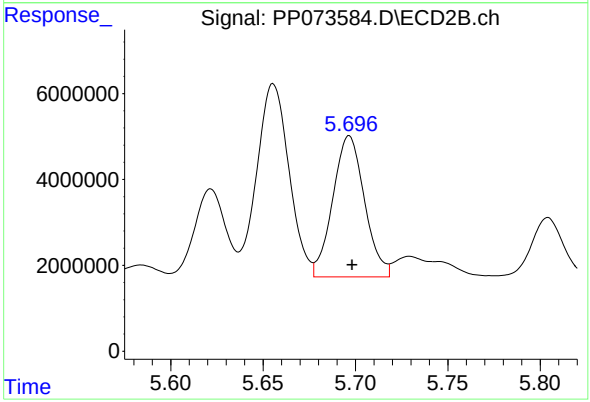
R.T.: 5.306 min
Delta R.T.: -0.002 min
Response: 39129254
Conc: 519.11 ng/ml



#25 AR-1248-5

R.T.: 6.550 min
Delta R.T.: 0.003 min
Response: 28371365
Conc: 527.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248



#25 AR-1248-5

R.T.: 5.697 min
Delta R.T.: -0.002 min
Response: 39383540
Conc: 527.99 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:19
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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...	4.488	3.779	72137939	98177371	52.674	53.291
2)	SA Decachlor...	10.176	8.780	58669520	75798661	53.773	57.287
	Target Compounds						
26)	L6 AR-1254-1	6.486	5.657	27751618	57179282	517.855	492.797
27)	L6 AR-1254-2	6.702	5.805	42039125	49615142	504.739	493.077
28)	L6 AR-1254-3	7.065	6.207	45059626	78048221	510.118	505.342
29)	L6 AR-1254-4	7.348	6.435	39772060	48017763	505.575	507.806
30)	L6 AR-1254-5	7.764	6.851	38107518	68206603	517.204	511.122

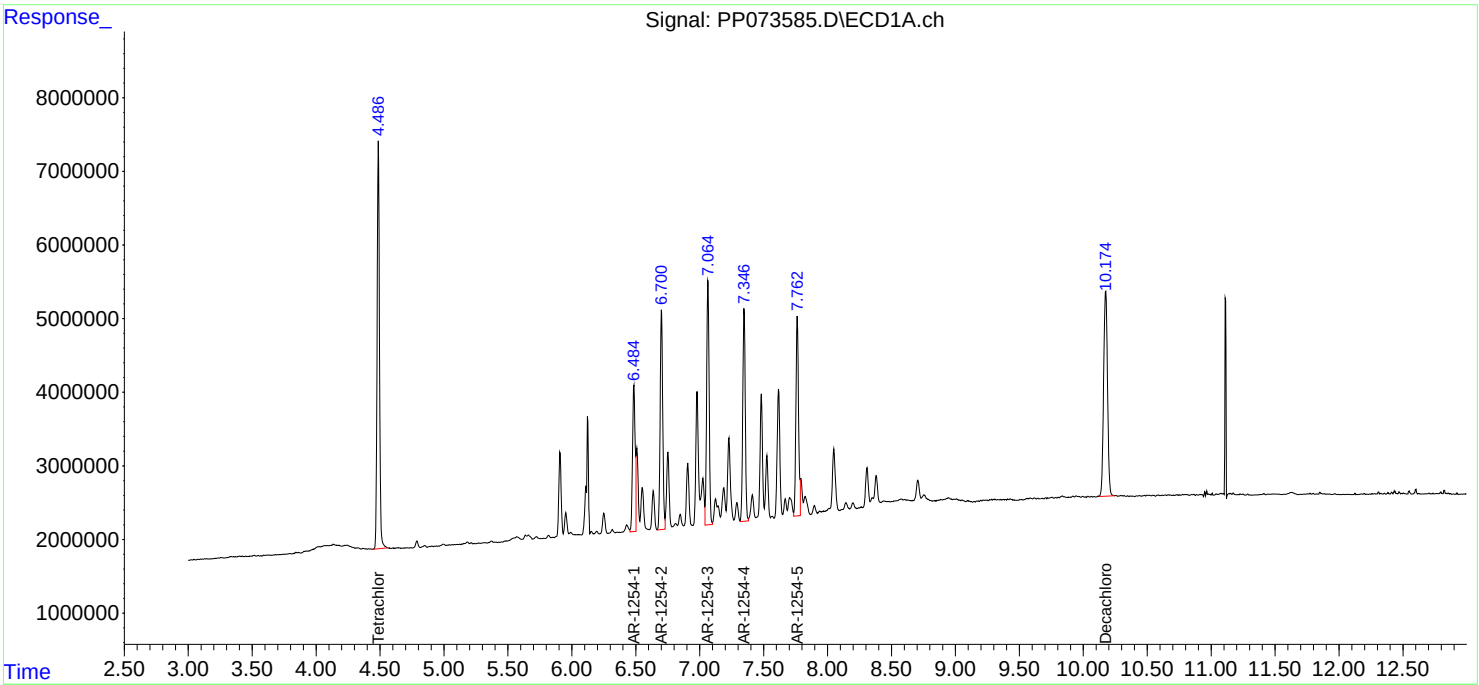
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

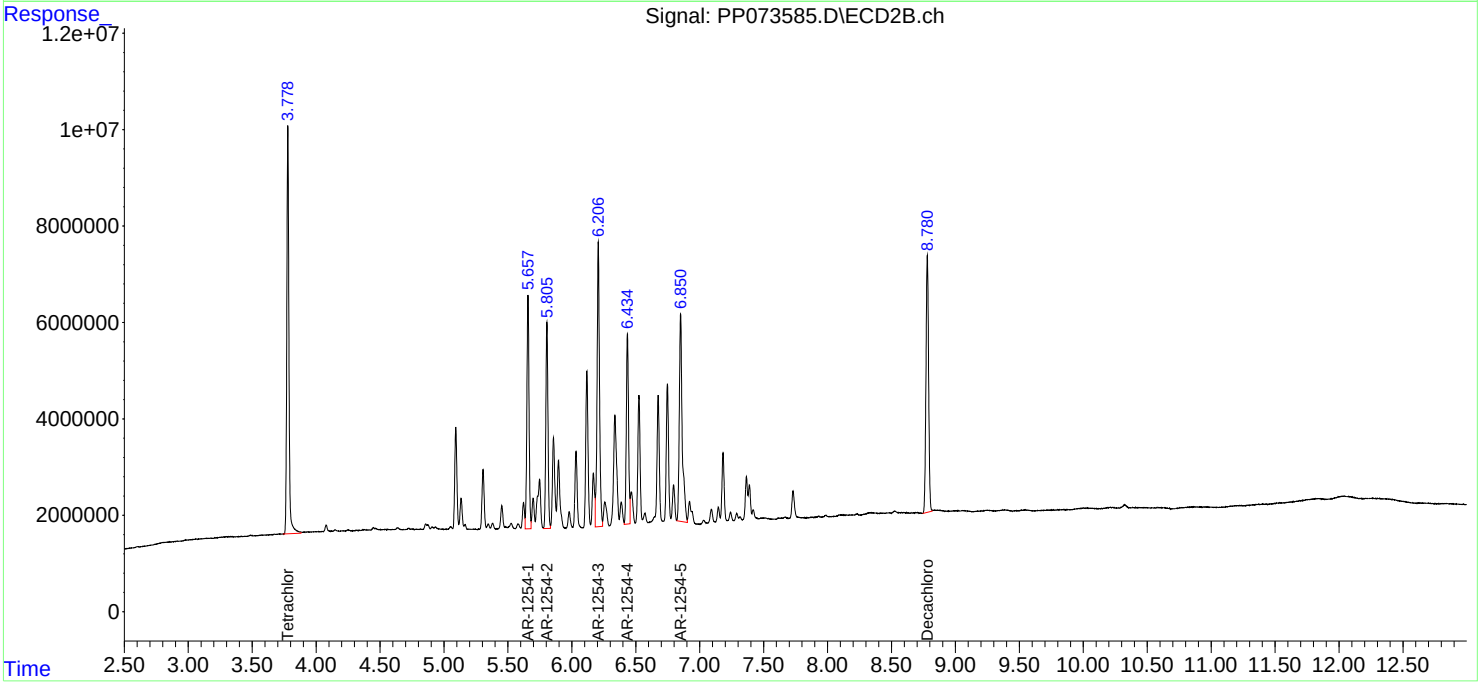
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:19
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

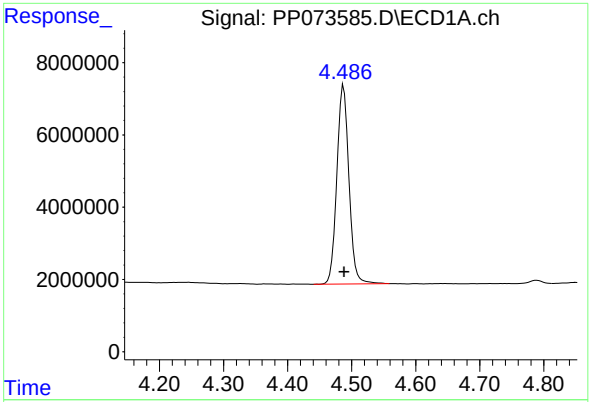
Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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



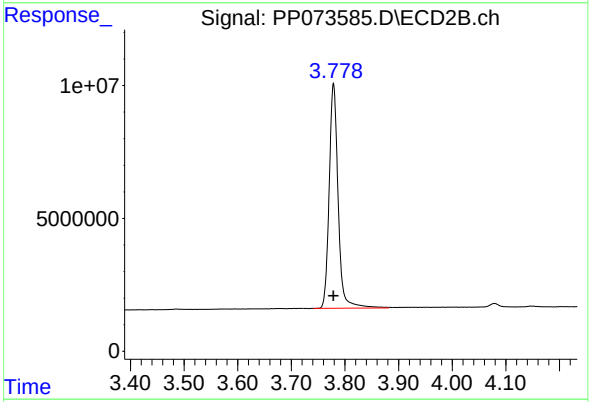




#1 Tetrachloro-m-xylene

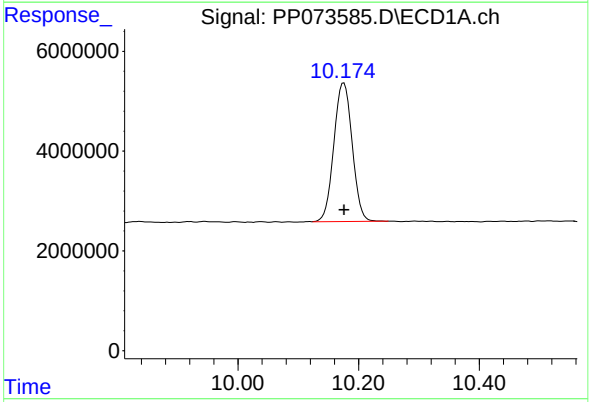
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 72137939
Conc: 52.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254



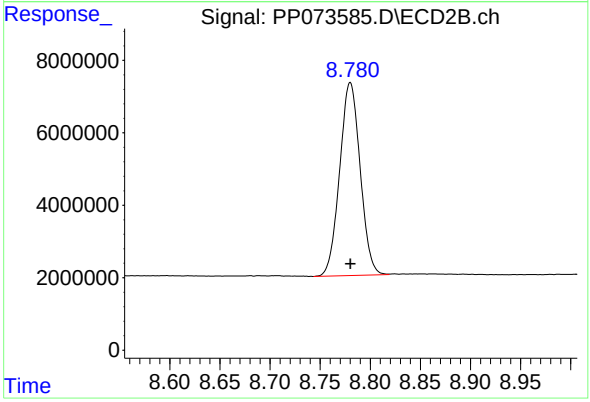
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 98177371
Conc: 53.29 ng/ml



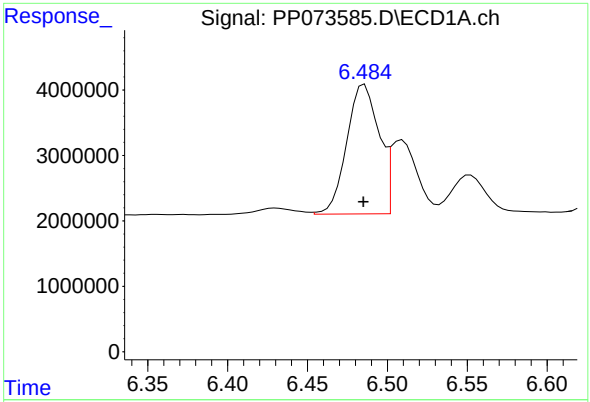
#2 Decachlorobiphenyl

R.T.: 10.176 min
Delta R.T.: 0.000 min
Response: 58669520
Conc: 53.77 ng/ml



#2 Decachlorobiphenyl

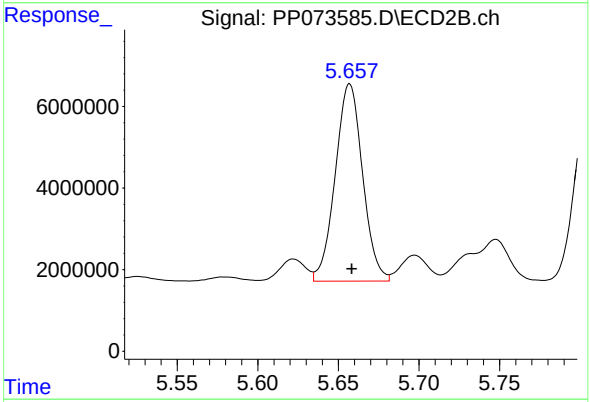
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 75798661
Conc: 57.29 ng/ml



#26 AR-1254-1

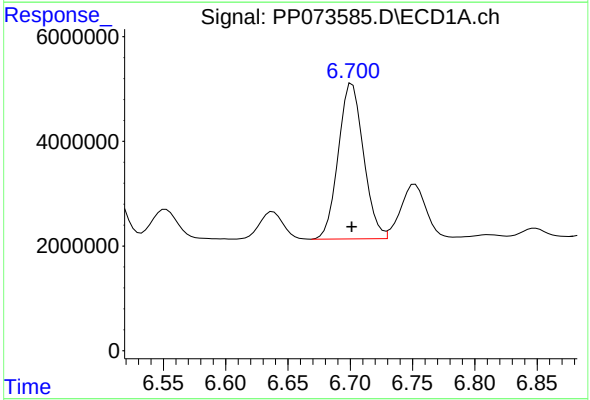
R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 27751618
Conc: 517.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254



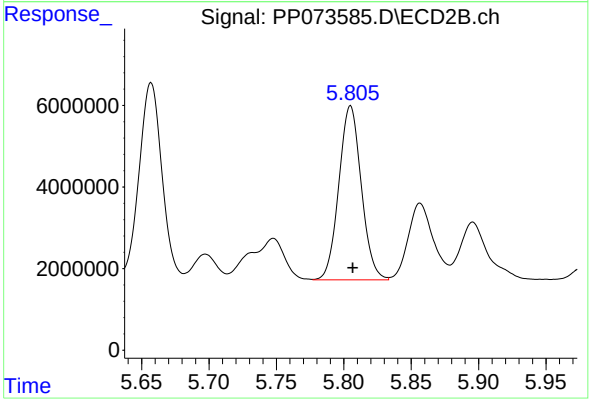
#26 AR-1254-1

R.T.: 5.657 min
Delta R.T.: -0.001 min
Response: 57179282
Conc: 492.80 ng/ml



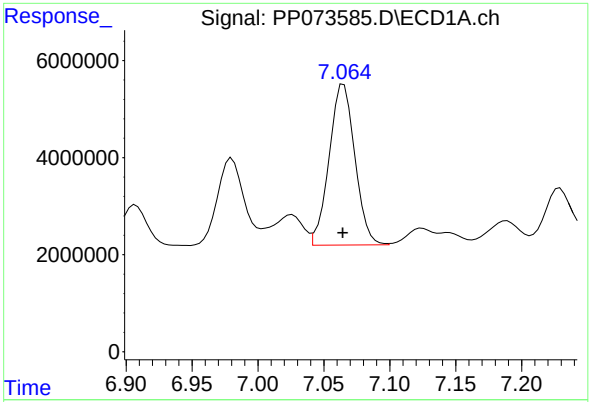
#27 AR-1254-2

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 42039125
Conc: 504.74 ng/ml



#27 AR-1254-2

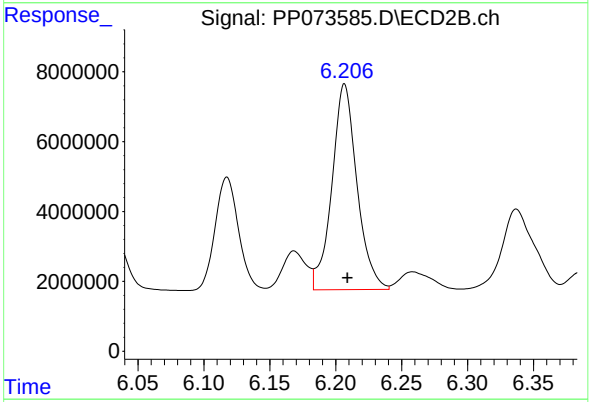
R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 49615142
Conc: 493.08 ng/ml



#28 AR-1254-3

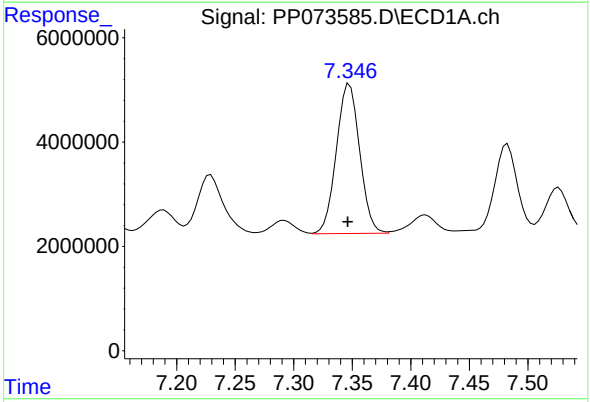
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 45059626
Conc: 510.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254



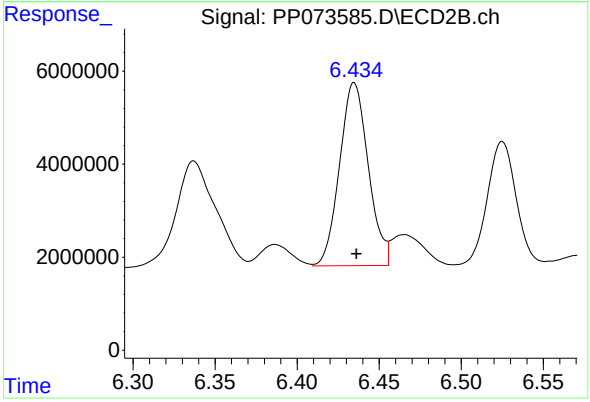
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 78048221
Conc: 505.34 ng/ml



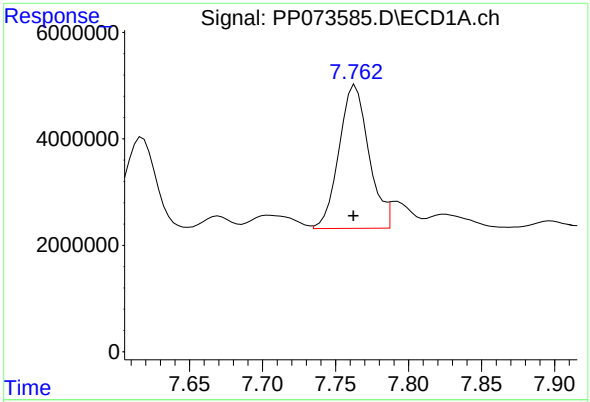
#29 AR-1254-4

R.T.: 7.348 min
Delta R.T.: 0.001 min
Response: 39772060
Conc: 505.57 ng/ml



#29 AR-1254-4

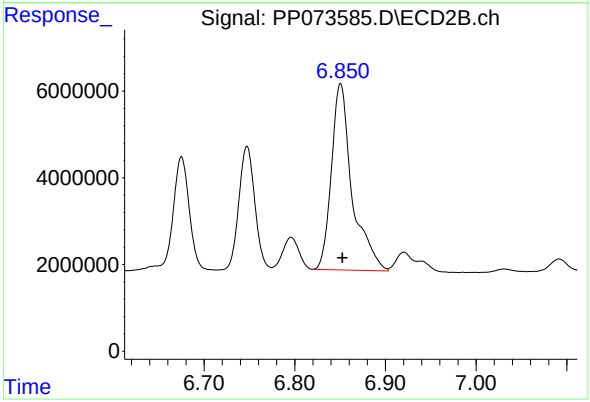
R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 48017763
Conc: 507.81 ng/ml



#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.001 min
Response: 38107518
Conc: 517.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 68206603
Conc: 511.12 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.484	3.778	70596120	97414683	50.662	50.893
2)	SA Decachlor...	10.172	8.779	103.0E6	129.1E6	51.291	51.524
	Target Compounds						
41)	L9 AR-1268-1	8.689	7.667	113.4E6	151.6E6	508.169	493.340
42)	L9 AR-1268-2	8.781	7.734	97840395	131.8E6	513.584	495.942
43)	L9 AR-1268-3	9.010	7.935	83760936	112.1E6	505.877	496.950
44)	L9 AR-1268-4	9.426	8.229	34884334	47107861	501.616	506.711
45)	L9 AR-1268-5	9.837	8.525	236.8E6	312.0E6	513.720	506.004

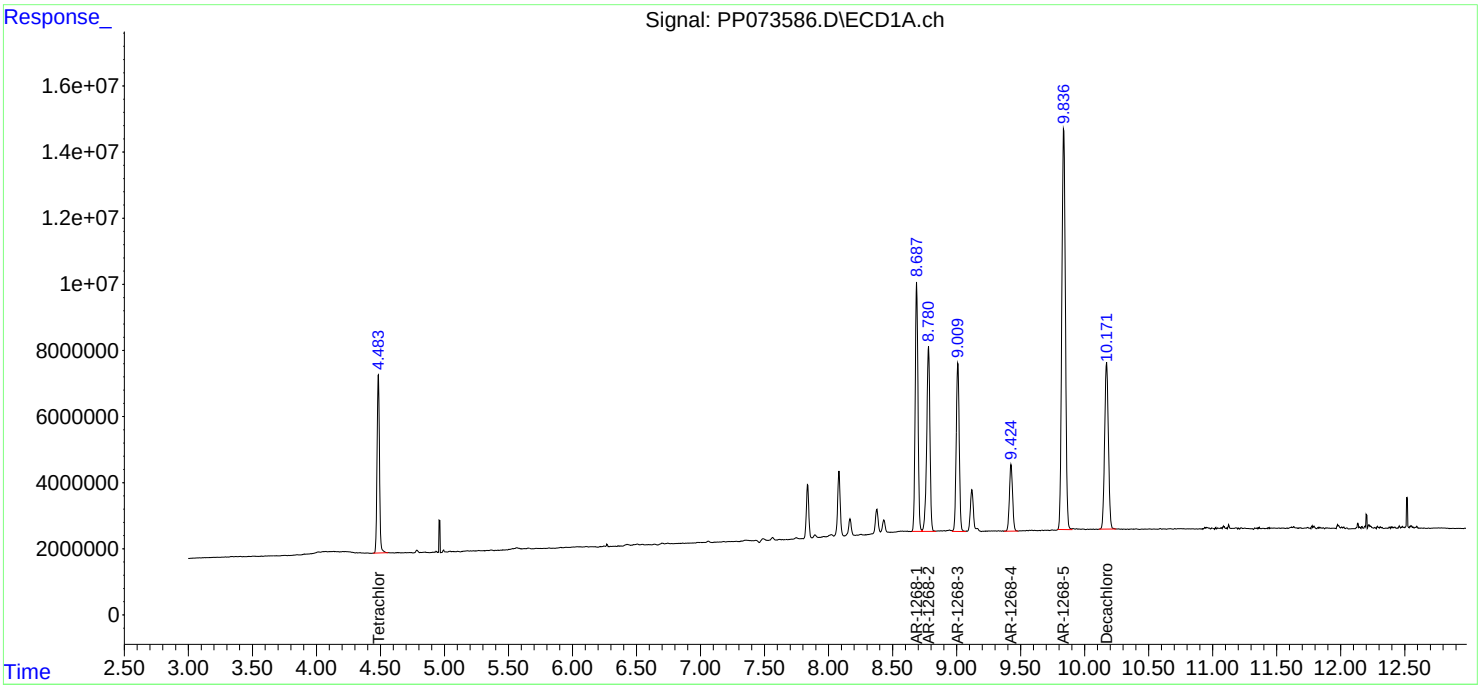
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

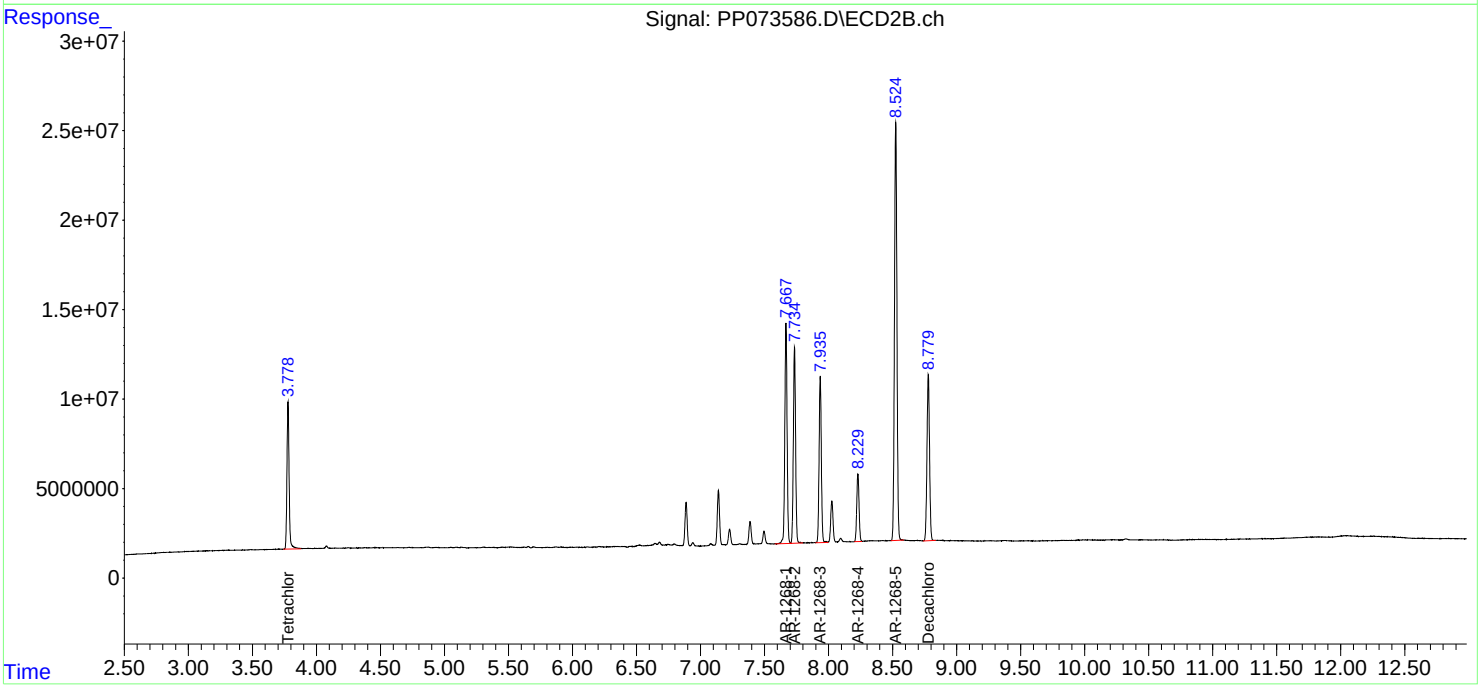
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

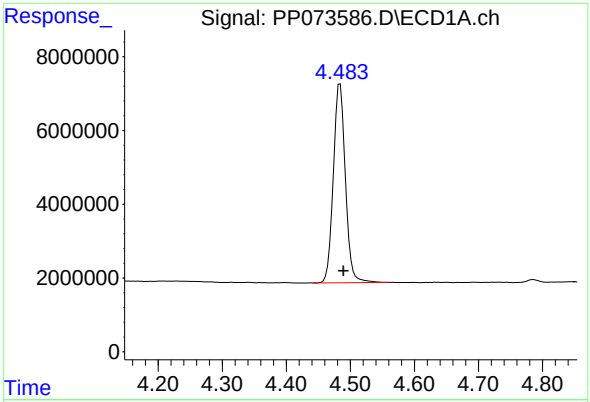
Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



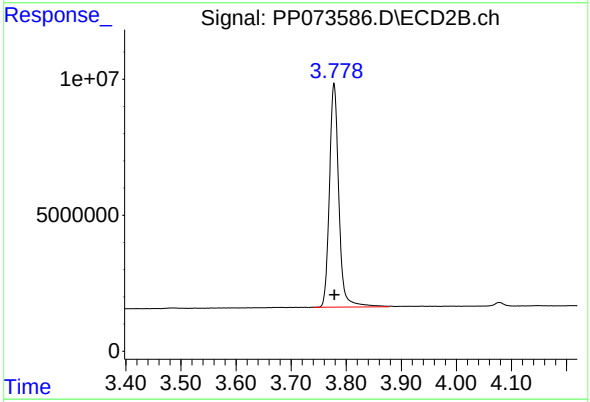




#1 Tetrachloro-m-xylene

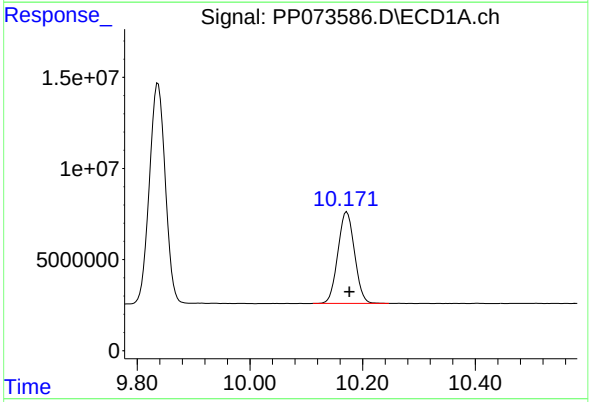
R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 70596120
Conc: 50.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268



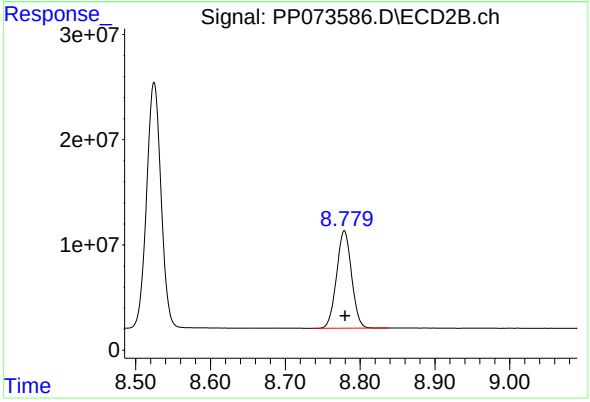
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 97414683
Conc: 50.89 ng/ml



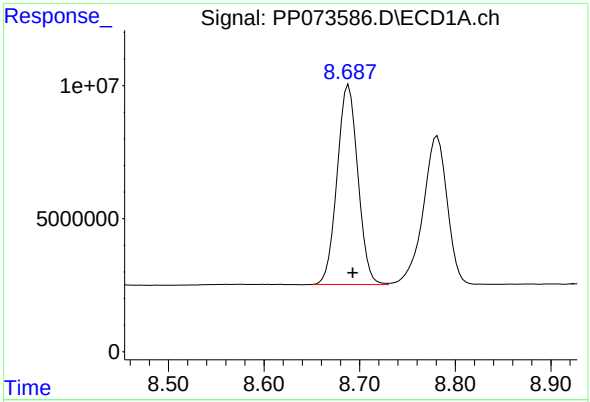
#2 Decachlorobiphenyl

R.T.: 10.172 min
Delta R.T.: -0.005 min
Response: 102995358
Conc: 51.29 ng/ml



#2 Decachlorobiphenyl

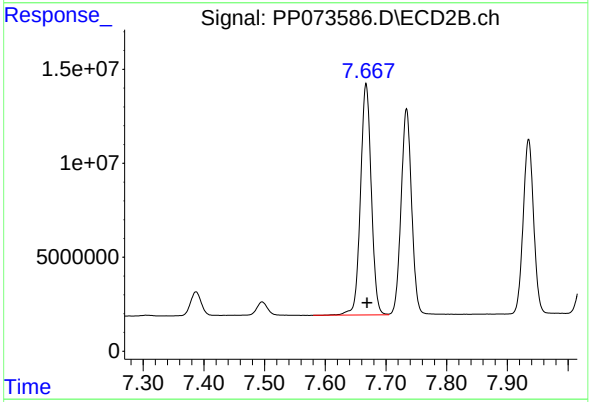
R.T.: 8.779 min
Delta R.T.: -0.001 min
Response: 129091204
Conc: 51.52 ng/ml



#41 AR-1268-1

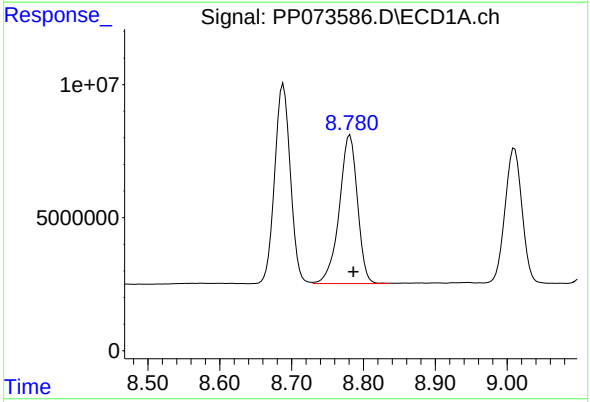
R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 113435388
Conc: 508.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268



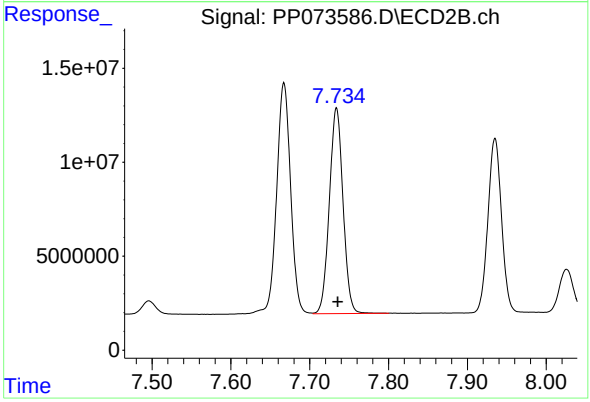
#41 AR-1268-1

R.T.: 7.667 min
Delta R.T.: -0.002 min
Response: 151641353
Conc: 493.34 ng/ml



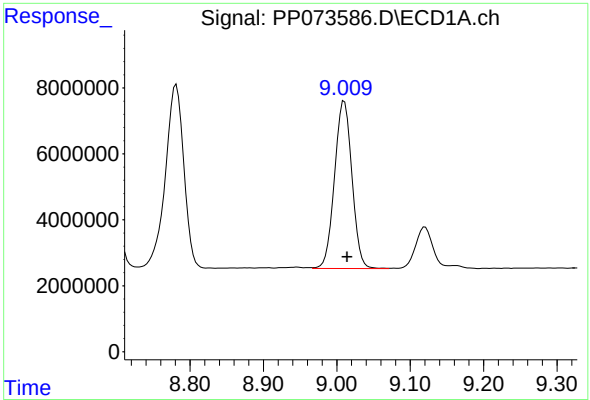
#42 AR-1268-2

R.T.: 8.781 min
Delta R.T.: -0.005 min
Response: 97840395
Conc: 513.58 ng/ml



#42 AR-1268-2

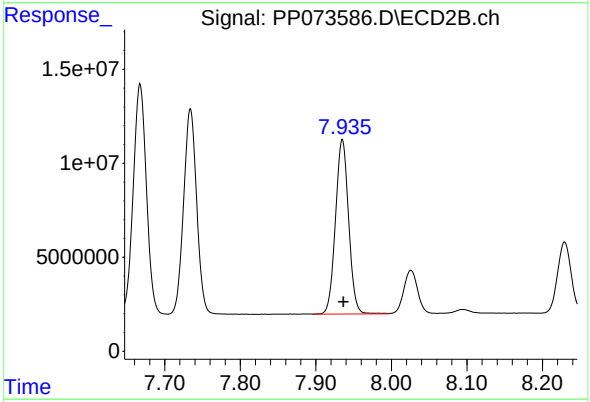
R.T.: 7.734 min
Delta R.T.: -0.001 min
Response: 131765701
Conc: 495.94 ng/ml



#43 AR-1268-3

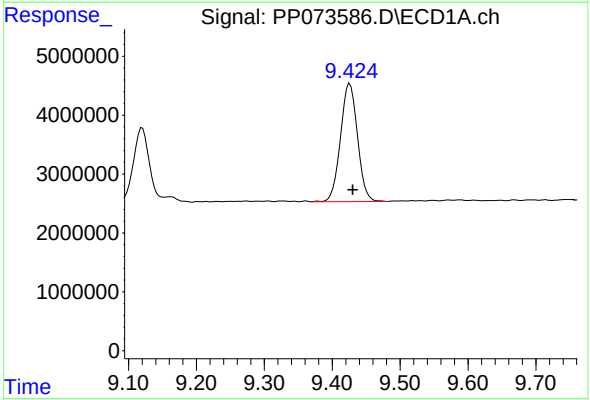
R.T.: 9.010 min
Delta R.T.: -0.004 min
Response: 83760936
Conc: 505.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268



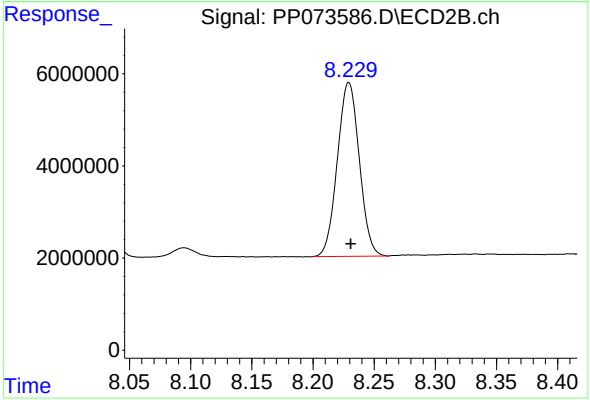
#43 AR-1268-3

R.T.: 7.935 min
Delta R.T.: -0.002 min
Response: 112102210
Conc: 496.95 ng/ml



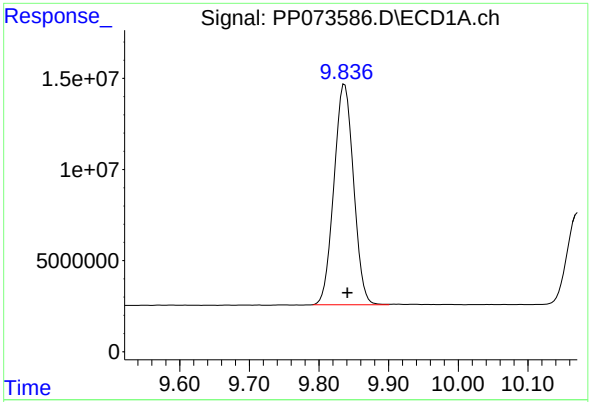
#44 AR-1268-4

R.T.: 9.426 min
Delta R.T.: -0.004 min
Response: 34884334
Conc: 501.62 ng/ml



#44 AR-1268-4

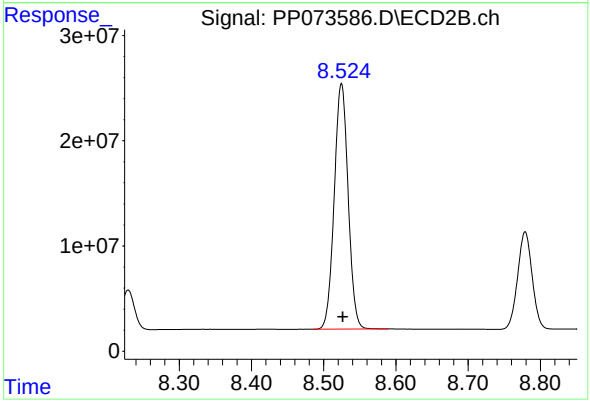
R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 47107861
Conc: 506.71 ng/ml



#45 AR-1268-5

R.T.: 9.837 min
Delta R.T.: -0.004 min
Response: 236804938
Conc: 513.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: -0.002 min
Response: 311977174
Conc: 506.00 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 10:15 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 10:15 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.98	5.00	4.90	5.10	0.03
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.40	6.43	6.33	6.53	0.03
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.02
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112332.D **Time Analyzed:** 10:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.757	4.661	4.861	557.420	500.000	11.5
Aroclor-1016-2	4.776	4.680	4.880	558.820	500.000	11.8
Aroclor-1016-3	4.833	4.736	4.936	540.410	500.000	8.1
Aroclor-1016-4	4.953	4.856	5.056	557.830	500.000	11.6
Aroclor-1016-5	5.210	5.113	5.313	536.030	500.000	7.2
Aroclor-1260-1	6.247	6.151	6.351	512.290	500.000	2.5
Aroclor-1260-2	6.437	6.341	6.541	503.430	500.000	0.7
Aroclor-1260-3	6.804	6.707	6.907	494.730	500.000	-1.1
Aroclor-1260-4	7.063	6.967	7.167	504.090	500.000	0.8
Aroclor-1260-5	7.307	7.209	7.409	490.290	500.000	-1.9
Decachlorobiphenyl	8.699	8.603	8.803	47.230	50.000	-5.5
Tetrachloro-m-xylene	3.670	3.573	3.773	59.910	50.000	19.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112332.D **Time Analyzed:** 10:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.661	4.861	497.080	500.000	-0.6
Aroclor-1016-2	4.757	4.679	4.879	506.560	500.000	1.3
Aroclor-1016-3	4.932	4.854	5.054	517.340	500.000	3.5
Aroclor-1016-4	4.975	4.897	5.097	523.900	500.000	4.8
Aroclor-1016-5	5.187	5.109	5.309	527.390	500.000	5.5
Aroclor-1260-1	6.216	6.138	6.338	494.430	500.000	-1.1
Aroclor-1260-2	6.404	6.326	6.526	498.700	500.000	-0.3
Aroclor-1260-3	6.556	6.478	6.678	493.670	500.000	-1.3
Aroclor-1260-4	7.026	6.948	7.148	448.420	500.000	-10.3
Aroclor-1260-5	7.268	7.190	7.390	436.750	500.000	-12.7
Decachlorobiphenyl	8.645	8.568	8.768	44.140	50.000	-11.7
Tetrachloro-m-xylene	3.663	3.584	3.784	54.830	50.000	9.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 10:15
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 09:15:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.670	3.663	592.8E6	349.3E6	59.914	54.828
2)	SA Decachlor...	8.699	8.645	322.9E6	76065272	47.232	44.135
	Target Compounds						
3)	L1 AR-1016-1	4.757	4.738	189.6E6	110.8E6	557.415	497.080m
4)	L1 AR-1016-2	4.776	4.757	277.9E6	166.7E6	558.822	506.563m
5)	L1 AR-1016-3	4.833	4.932	174.9E6	87879007	540.411	517.341m
6)	L1 AR-1016-4	4.953	4.975	143.2E6	71893820	557.827	523.902m
7)	L1 AR-1016-5	5.210	5.187	146.7E6	90948860	536.029	527.392m
31)	L7 AR-1260-1	6.247	6.216	256.8E6	138.7E6	512.292	494.432
32)	L7 AR-1260-2	6.437	6.404	371.6E6	169.6E6	503.427	498.705
33)	L7 AR-1260-3	6.804	6.556	324.3E6	136.0E6	494.727	493.674m
34)	L7 AR-1260-4	7.063	7.026	219.4E6	89972946	504.087	448.419m
35)	L7 AR-1260-5	7.307	7.268	619.0E6	195.5E6	490.290	436.745

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 10:15
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

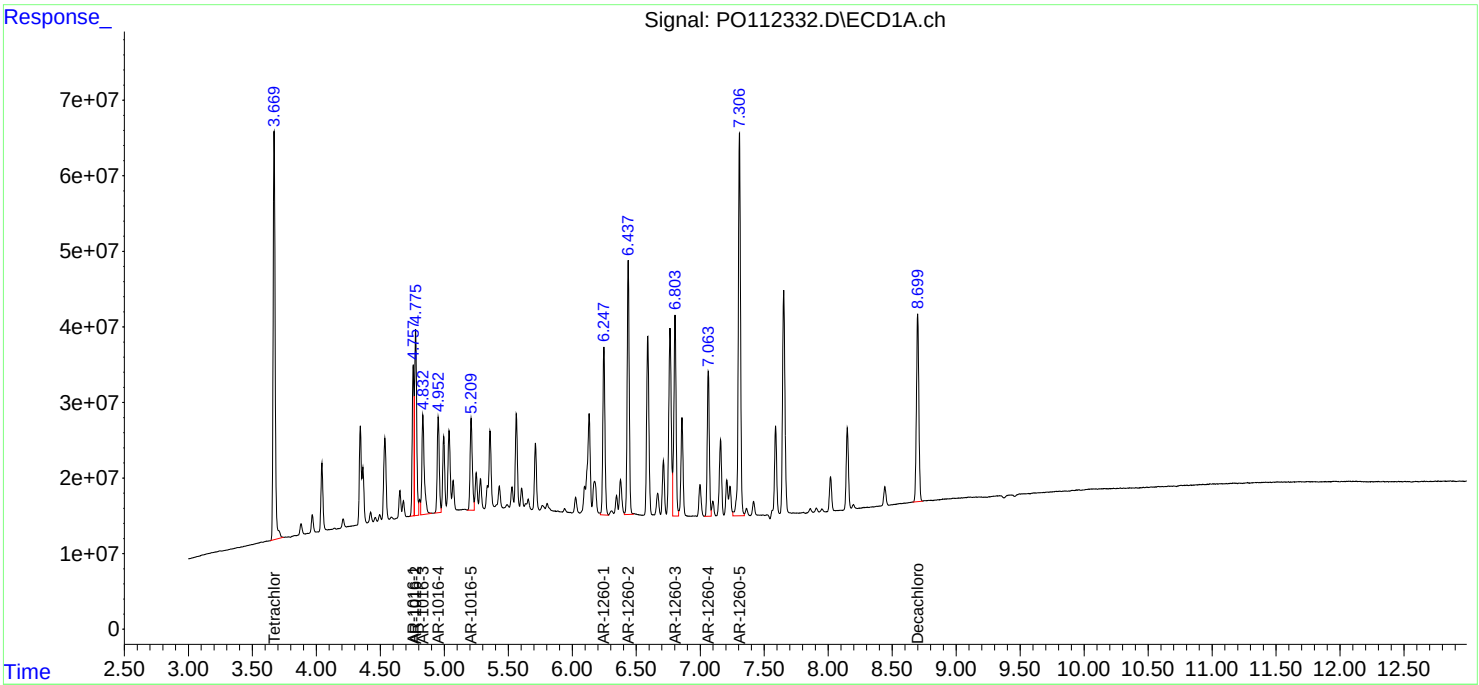
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

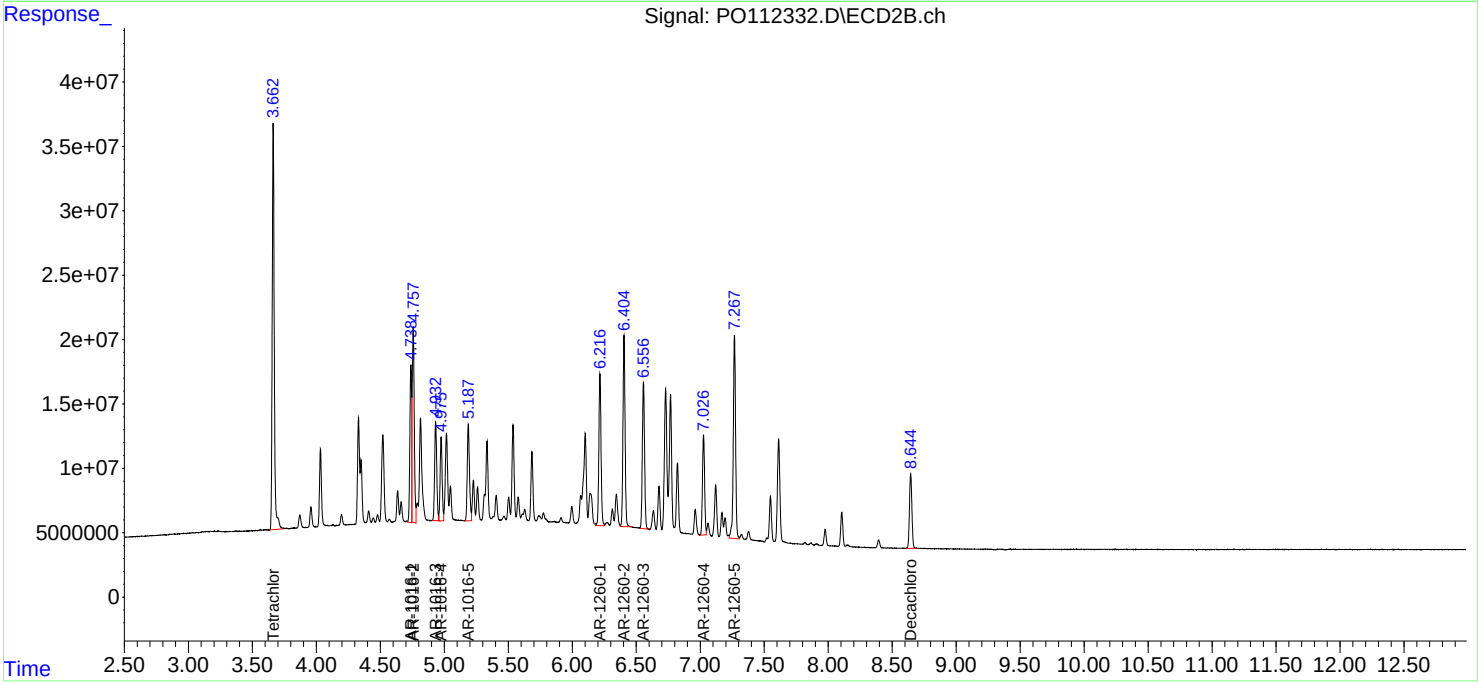
Manual Integrations APPROVED

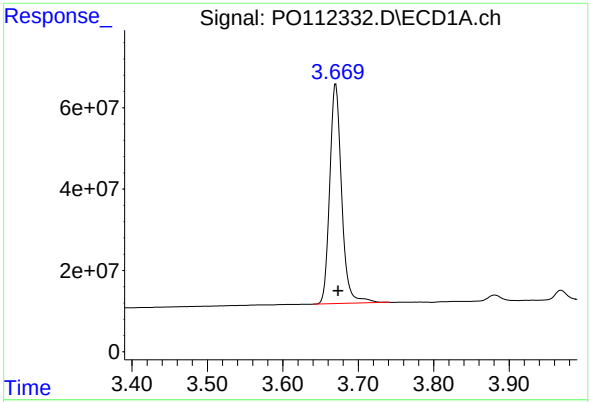
Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 09:15:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







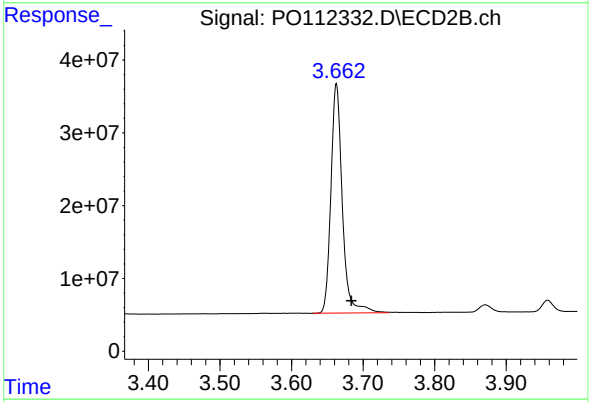
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 592831825
Conc: 59.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

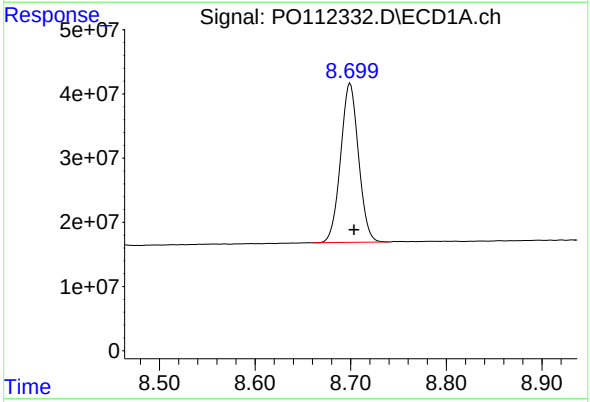
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



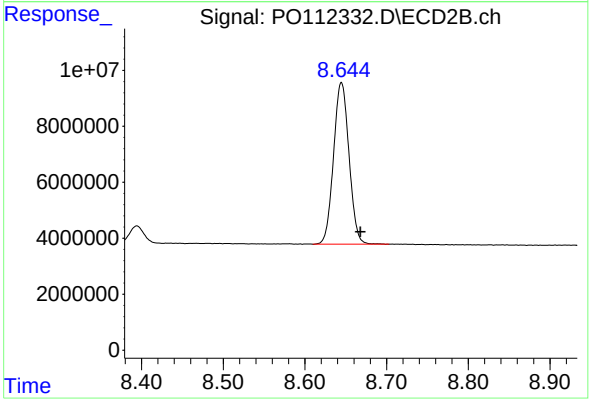
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.021 min
Response: 349312435
Conc: 54.83 ng/ml



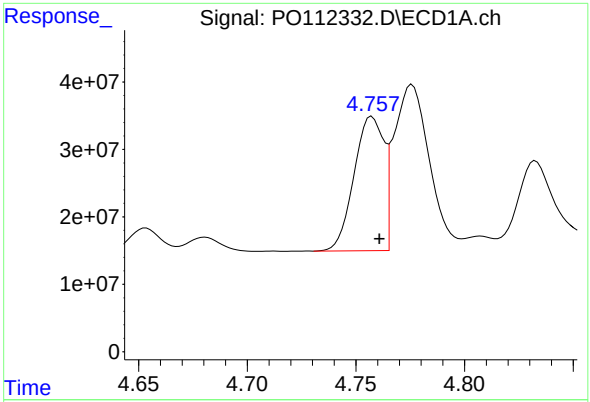
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: -0.004 min
Response: 322926705
Conc: 47.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.645 min
Delta R.T.: -0.023 min
Response: 76065272
Conc: 44.14 ng/ml



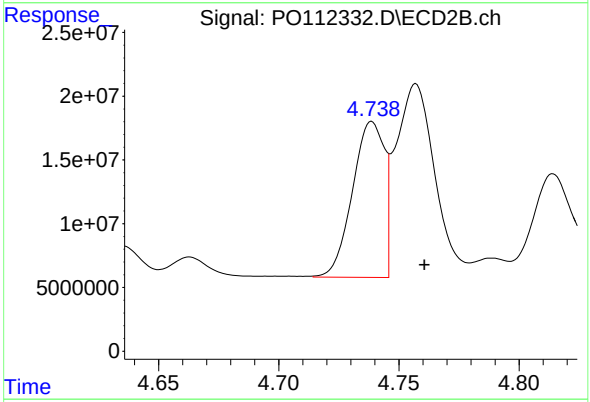
#3 AR-1016-1

R.T.: 4.757 min
Delta R.T.: -0.003 min
Response: 189589630
Conc: 557.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

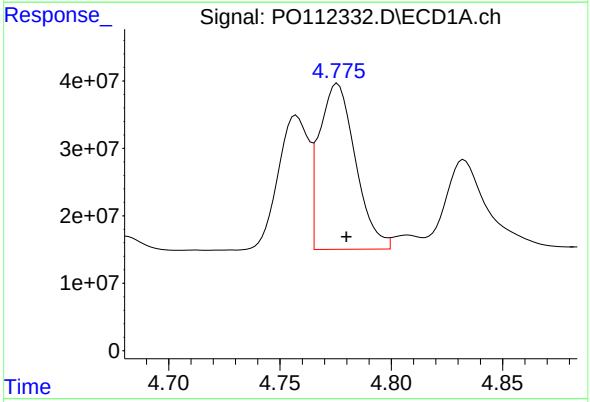
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



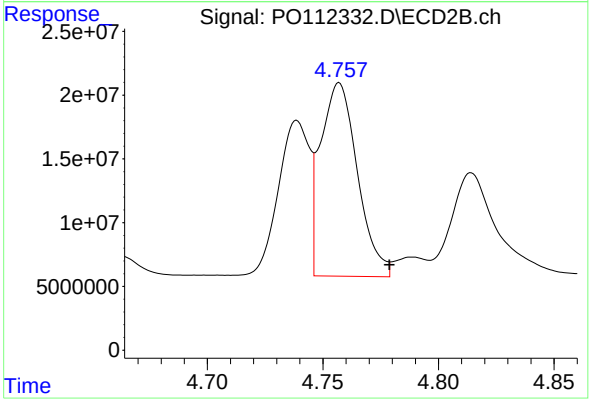
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.022 min
Response: 110766571
Conc: 497.08 ng/ml m



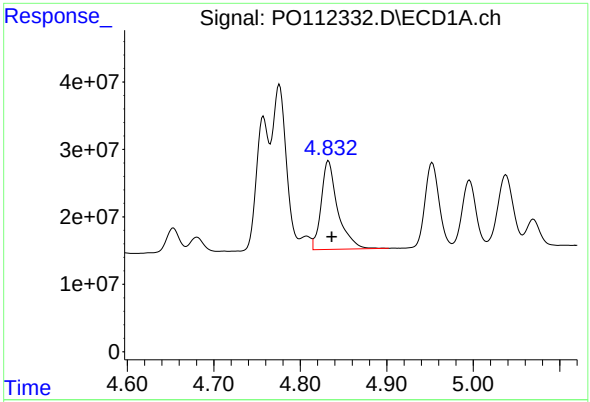
#4 AR-1016-2

R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 277897665
Conc: 558.82 ng/ml



#4 AR-1016-2

R.T.: 4.757 min
Delta R.T.: -0.022 min
Response: 166708517
Conc: 506.56 ng/ml m



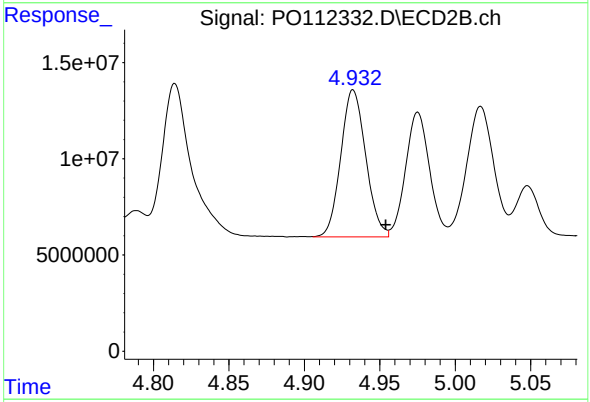
#5 AR-1016-3

R.T.: 4.833 min
Delta R.T.: -0.004 min
Response: 174938598
Conc: 540.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

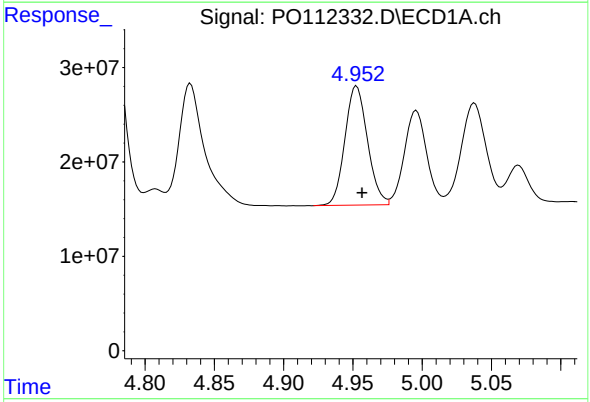
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



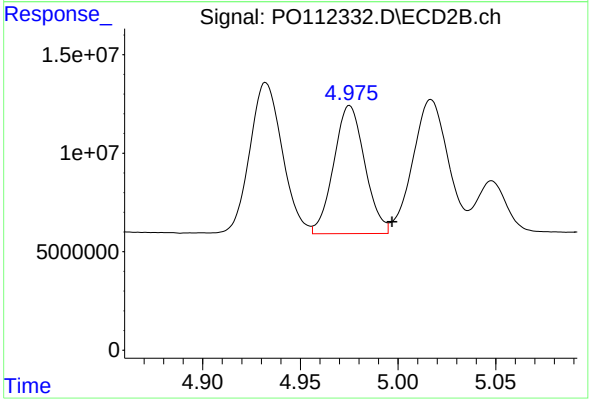
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: -0.022 min
Response: 87879007
Conc: 517.34 ng/ml m



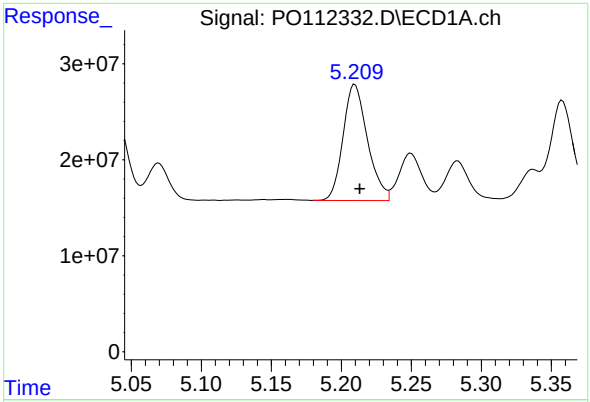
#6 AR-1016-4

R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 143249651
Conc: 557.83 ng/ml



#6 AR-1016-4

R.T.: 4.975 min
Delta R.T.: -0.022 min
Response: 71893820
Conc: 523.90 ng/ml m



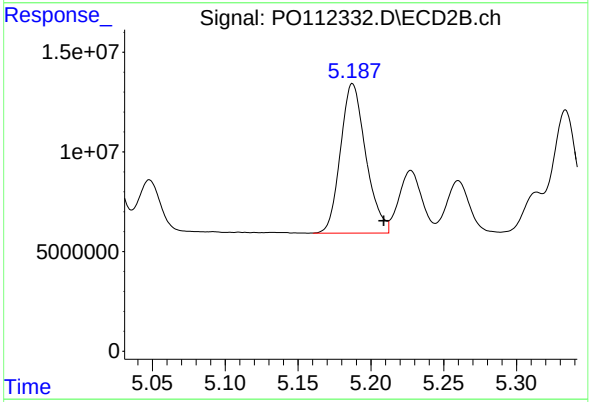
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: -0.004 min
Response: 146690723
Conc: 536.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

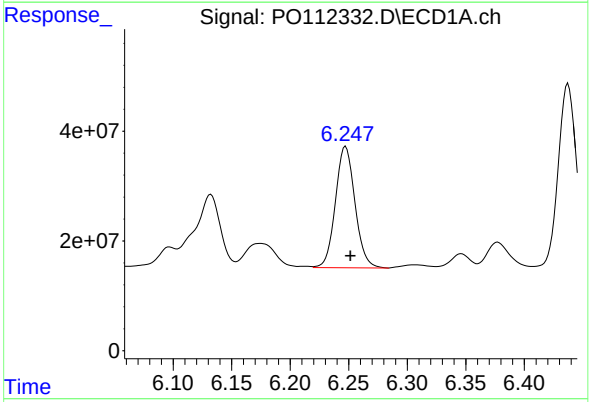
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



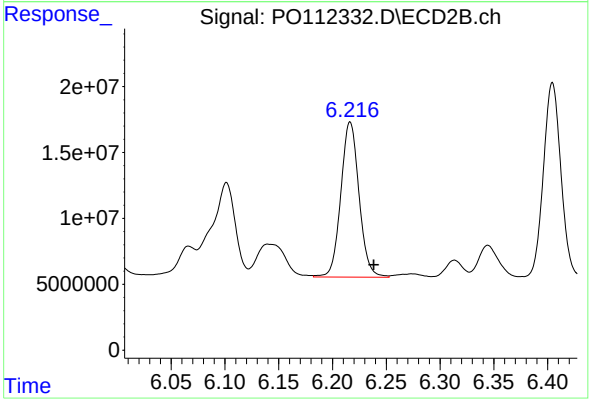
#7 AR-1016-5

R.T.: 5.187 min
Delta R.T.: -0.022 min
Response: 90948860
Conc: 527.39 ng/ml m



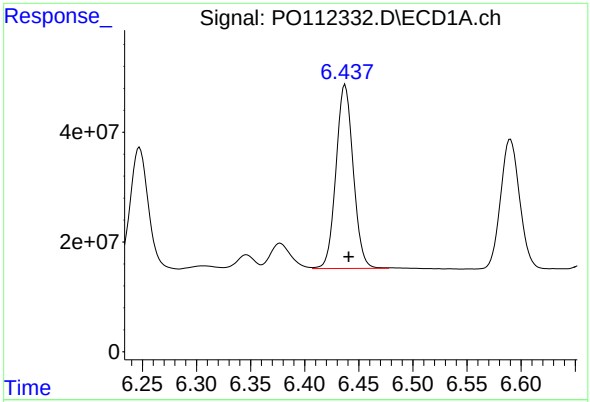
#31 AR-1260-1

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 256780650
Conc: 512.29 ng/ml



#31 AR-1260-1

R.T.: 6.216 min
Delta R.T.: -0.022 min
Response: 138718933
Conc: 494.43 ng/ml



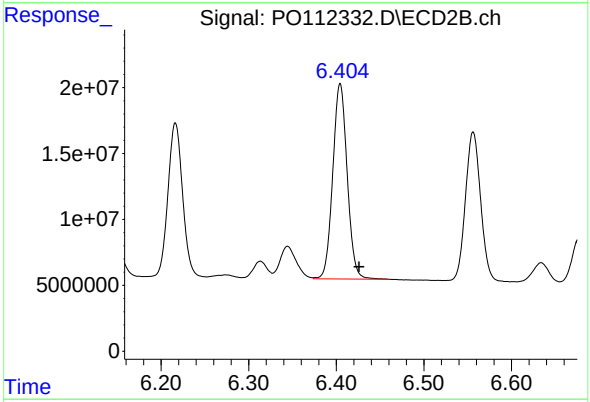
#32 AR-1260-2

R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 371597084
Conc: 503.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

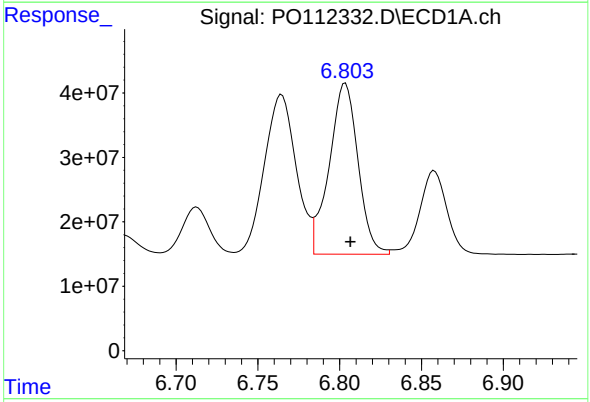
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



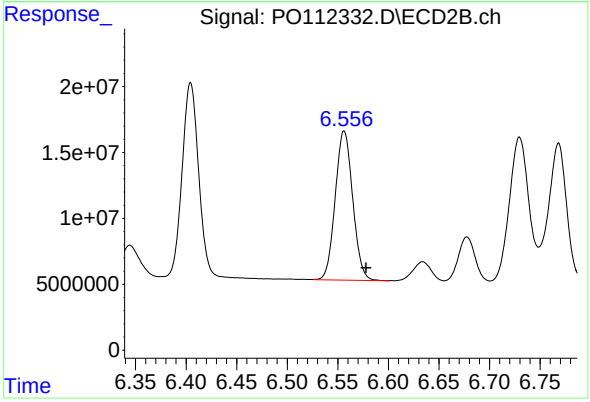
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.022 min
Response: 169558040
Conc: 498.70 ng/ml



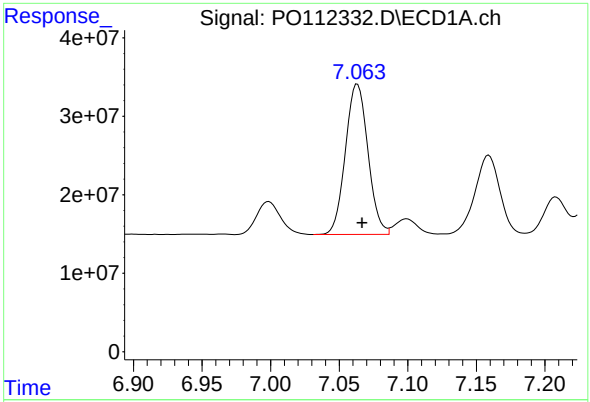
#33 AR-1260-3

R.T.: 6.804 min
Delta R.T.: -0.003 min
Response: 324284745
Conc: 494.73 ng/ml



#33 AR-1260-3

R.T.: 6.556 min
Delta R.T.: -0.022 min
Response: 136049690
Conc: 493.67 ng/ml m



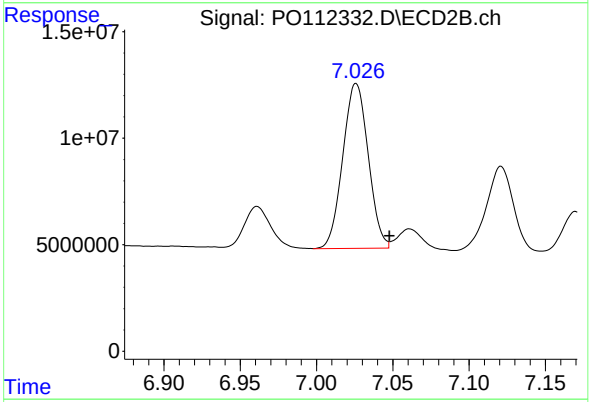
#34 AR-1260-4

R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 219402703
Conc: 504.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

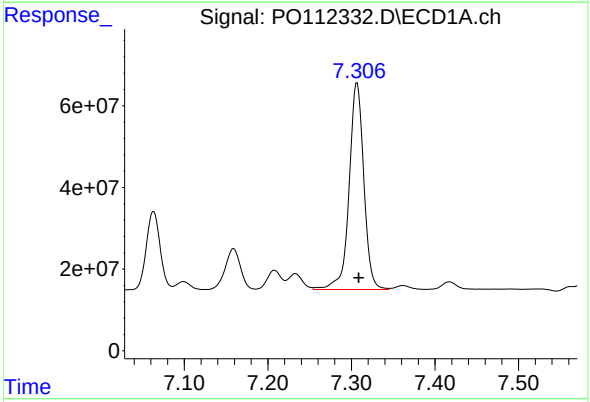
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



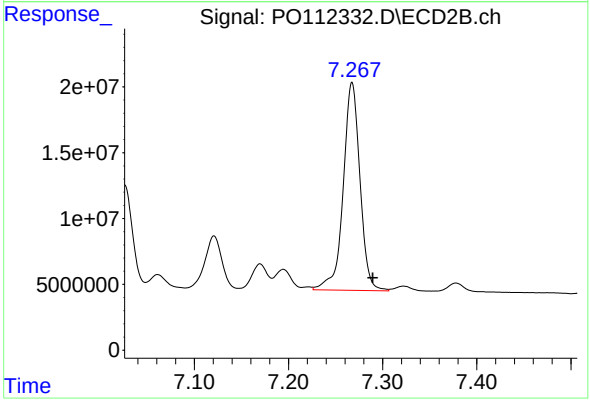
#34 AR-1260-4

R.T.: 7.026 min
Delta R.T.: -0.022 min
Response: 89972946
Conc: 448.42 ng/ml m



#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 619009807
Conc: 490.29 ng/ml



#35 AR-1260-5

R.T.: 7.268 min
Delta R.T.: -0.022 min
Response: 195543329
Conc: 436.75 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 16:10 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.77	4.78	4.68	4.88	0.01
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.01
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.01
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.30	7.31	7.21	7.41	0.01
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 16:10 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.97	5.00	4.90	5.10	0.03
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.40	6.43	6.33	6.53	0.03
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.03
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112346.D **Time Analyzed:** 16:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.755	4.661	4.861	493.200	500.000	-1.4
Aroclor-1016-2	4.774	4.680	4.880	504.490	500.000	0.9
Aroclor-1016-3	4.831	4.736	4.936	485.600	500.000	-2.9
Aroclor-1016-4	4.950	4.856	5.056	494.510	500.000	-1.1
Aroclor-1016-5	5.208	5.113	5.313	517.120	500.000	3.4
Aroclor-1260-1	6.245	6.151	6.351	450.880	500.000	-9.8
Aroclor-1260-2	6.435	6.341	6.541	453.990	500.000	-9.2
Aroclor-1260-3	6.801	6.707	6.907	449.210	500.000	-10.2
Aroclor-1260-4	7.061	6.967	7.167	455.120	500.000	-9.0
Aroclor-1260-5	7.304	7.209	7.409	444.970	500.000	-11.0
Decachlorobiphenyl	8.697	8.603	8.803	44.760	50.000	-10.5
Tetrachloro-m-xylene	3.669	3.573	3.773	53.590	50.000	7.2

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112346.D **Time Analyzed:** 16:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.661	4.861	440.050	500.000	-12.0
Aroclor-1016-2	4.757	4.679	4.879	439.280	500.000	-12.1
Aroclor-1016-3	4.931	4.854	5.054	457.420	500.000	-8.5
Aroclor-1016-4	4.974	4.897	5.097	450.520	500.000	-9.9
Aroclor-1016-5	5.186	5.109	5.309	472.360	500.000	-5.5
Aroclor-1260-1	6.215	6.138	6.338	447.760	500.000	-10.4
Aroclor-1260-2	6.404	6.326	6.526	468.060	500.000	-6.4
Aroclor-1260-3	6.555	6.478	6.678	465.510	500.000	-6.9
Aroclor-1260-4	7.025	6.948	7.148	436.340	500.000	-12.7
Aroclor-1260-5	7.268	7.190	7.390	459.070	500.000	-8.2
Decachlorobiphenyl	8.645	8.568	8.768	43.200	50.000	-13.6
Tetrachloro-m-xylene	3.663	3.584	3.784	49.080	50.000	-1.8

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 09:16:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.663	530.3E6	312.7E6	53.594	49.077
2)	SA Decachlor...	8.697	8.645	306.0E6	74451617	44.762	43.199
	Target Compounds						
3)	L1 AR-1016-1	4.755	4.738	167.7E6	98059177	493.201	440.054m
4)	L1 AR-1016-2	4.774	4.757	250.9E6	144.6E6	504.494	439.278m
5)	L1 AR-1016-3	4.831	4.931	157.2E6	77700801	485.598	457.422m
6)	L1 AR-1016-4	4.950	4.974	127.0E6	61824314	494.505	450.524m
7)	L1 AR-1016-5	5.208	5.186	141.5E6	81459246	517.122	472.364m
31)	L7 AR-1260-1	6.245	6.215	226.0E6	125.6E6	450.876	447.762
32)	L7 AR-1260-2	6.435	6.404	335.1E6	159.1E6	453.990	468.063
33)	L7 AR-1260-3	6.801	6.555	294.4E6	128.3E6	449.209	465.505m
34)	L7 AR-1260-4	7.061	7.025	198.1E6	87550066	455.117	436.343m
35)	L7 AR-1260-5	7.304	7.268	561.8E6	205.5E6	444.971	459.066

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

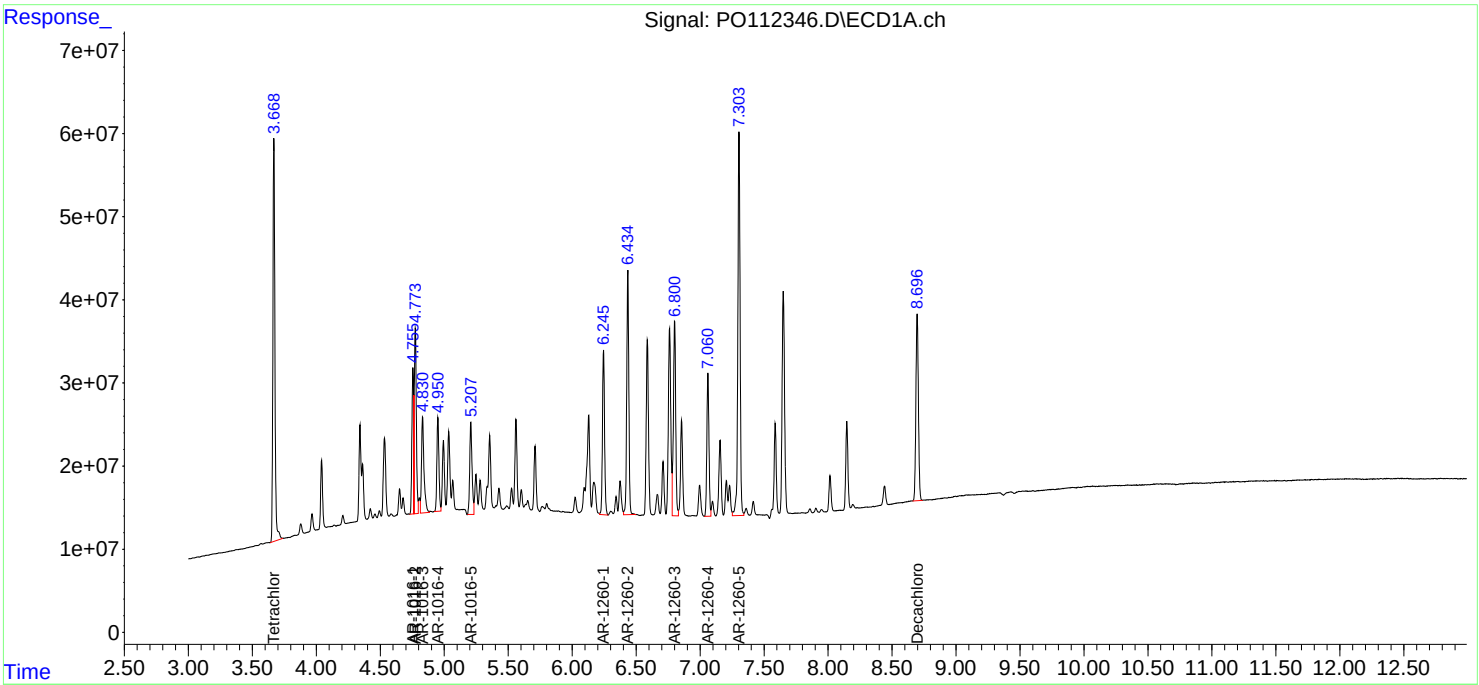
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

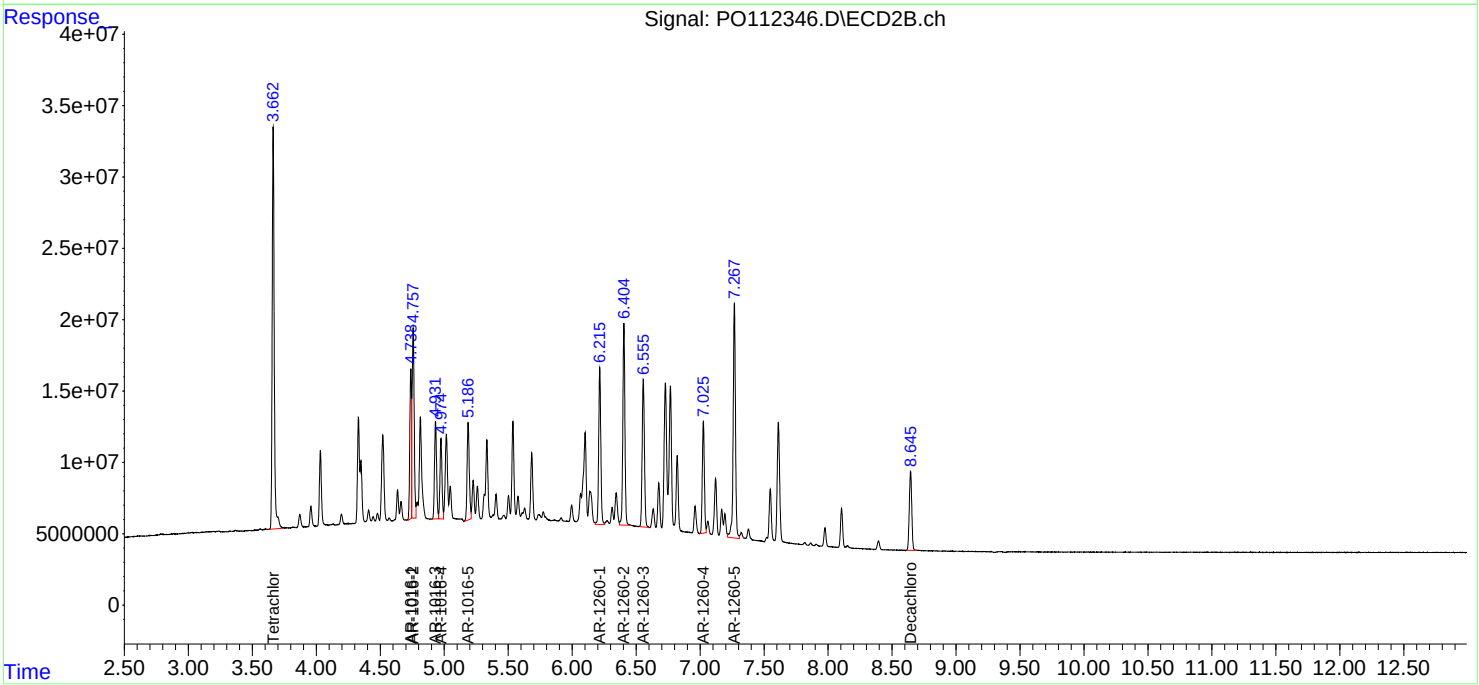
Manual Integrations APPROVED

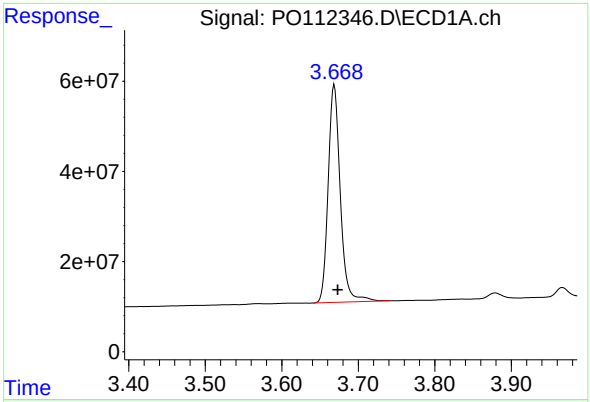
Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 09:16:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







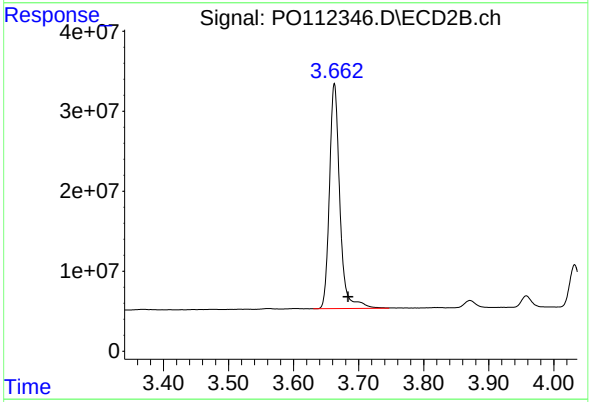
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 530299098
Conc: 53.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

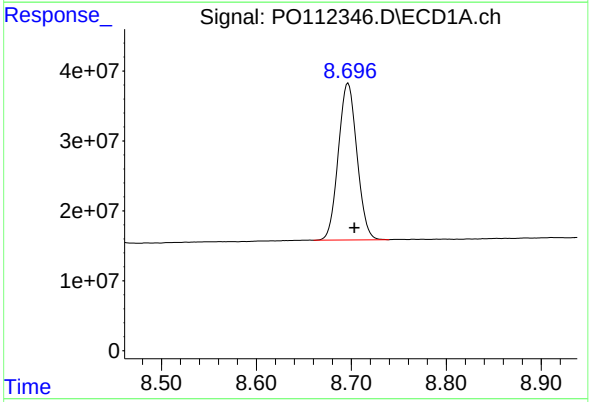
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



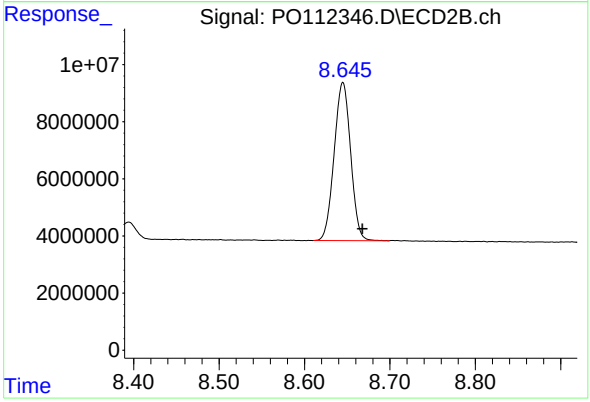
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: -0.021 min
Response: 312671778
Conc: 49.08 ng/ml



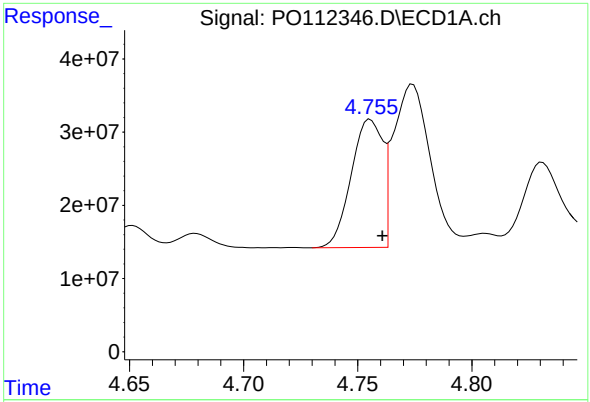
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.007 min
Response: 306036817
Conc: 44.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.645 min
Delta R.T.: -0.023 min
Response: 74451617
Conc: 43.20 ng/ml



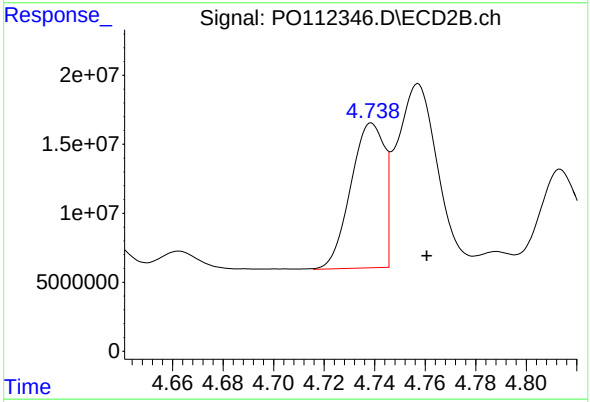
#3 AR-1016-1

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 167749009
Conc: 493.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

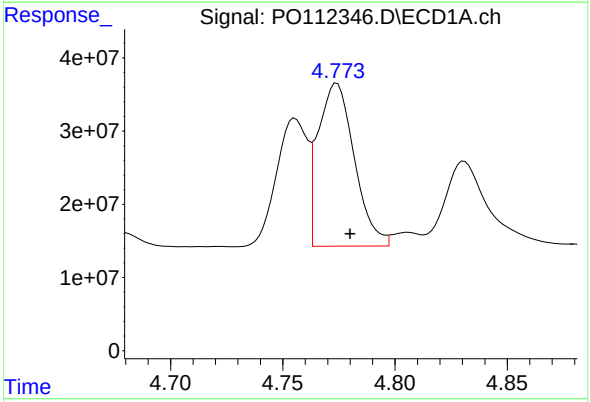
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



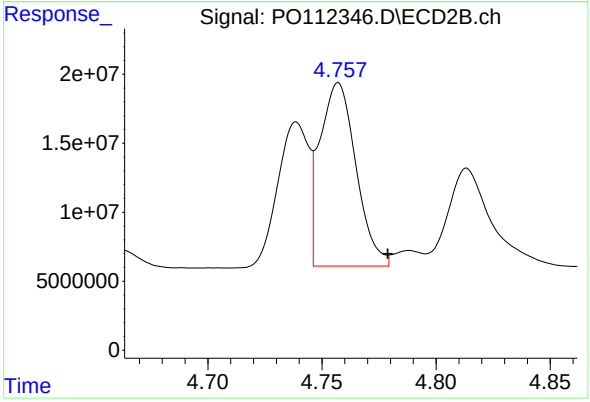
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.022 min
Response: 98059177
Conc: 440.05 ng/ml m



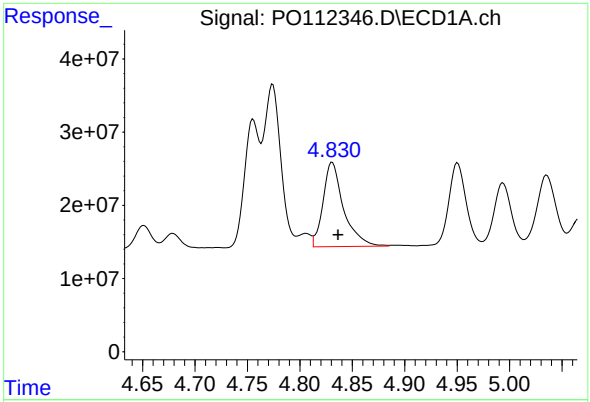
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 250880622
Conc: 504.49 ng/ml



#4 AR-1016-2

R.T.: 4.757 min
Delta R.T.: -0.022 min
Response: 144565183
Conc: 439.28 ng/ml m



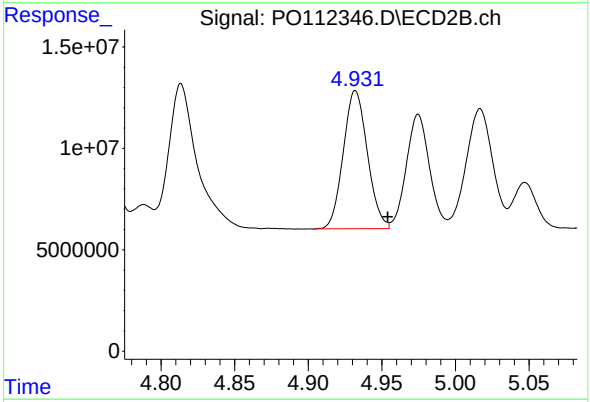
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 157194927
Conc: 485.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

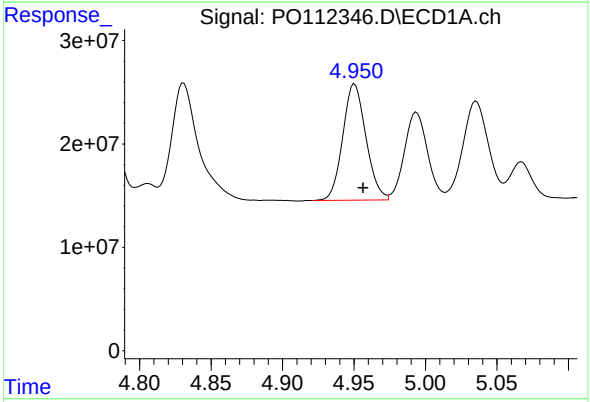
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



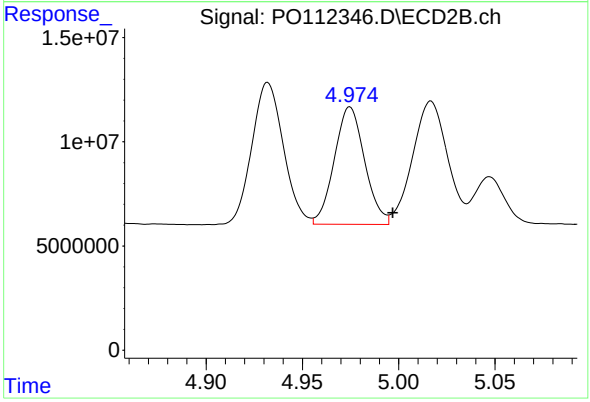
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: -0.023 min
Response: 77700801
Conc: 457.42 ng/ml m



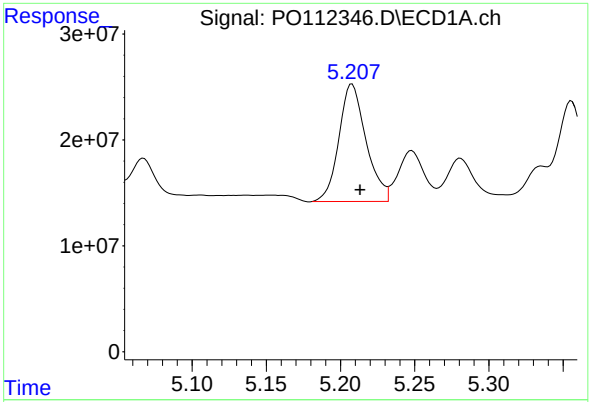
#6 AR-1016-4

R.T.: 4.950 min
Delta R.T.: -0.006 min
Response: 126988725
Conc: 494.51 ng/ml



#6 AR-1016-4

R.T.: 4.974 min
Delta R.T.: -0.023 min
Response: 61824314
Conc: 450.52 ng/ml m



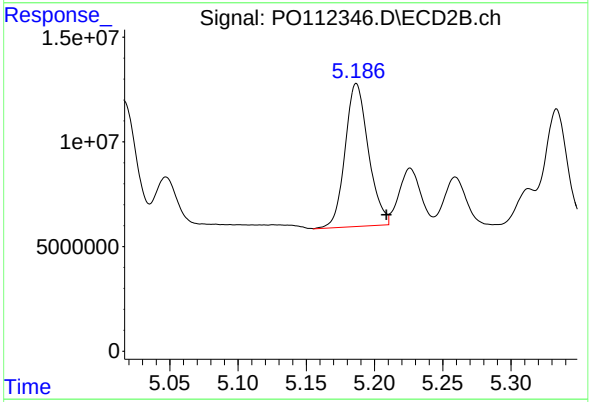
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: -0.005 min
Response: 141516499
Conc: 517.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

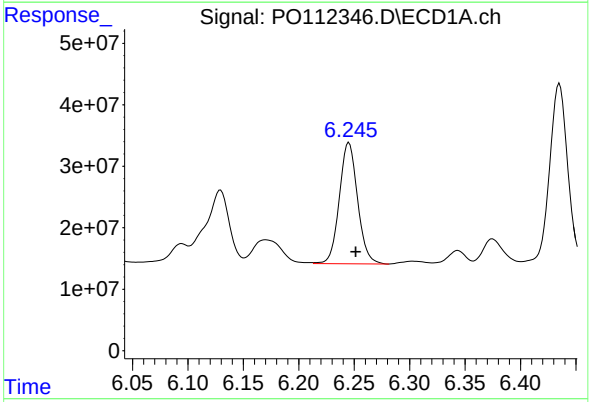
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



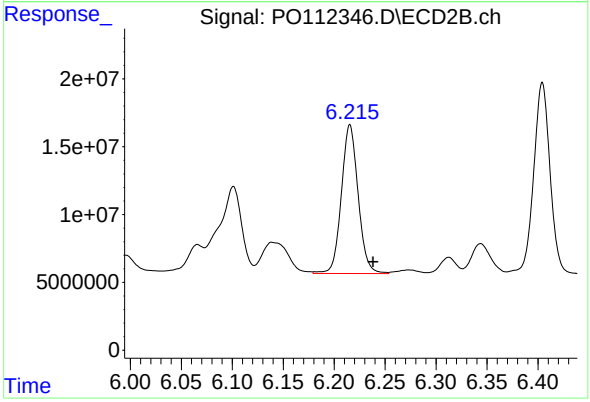
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: -0.023 min
Response: 81459246
Conc: 472.36 ng/ml m



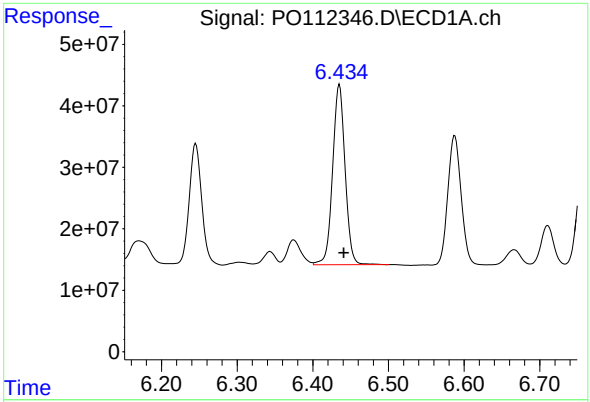
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 225996595
Conc: 450.88 ng/ml



#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: -0.023 min
Response: 125625189
Conc: 447.76 ng/ml



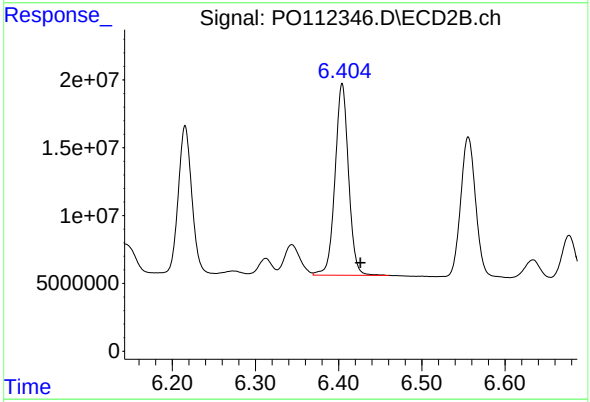
#32 AR-1260-2

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 335105953
Conc: 453.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

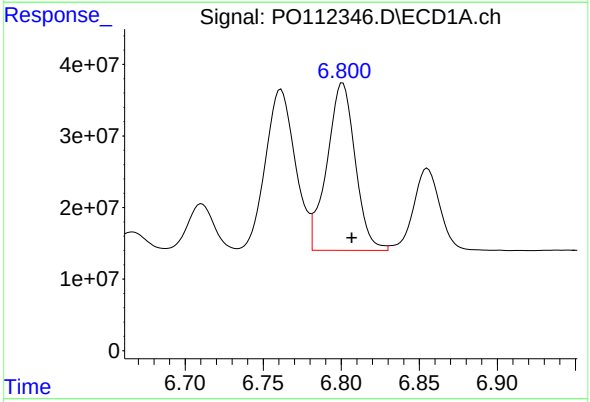
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



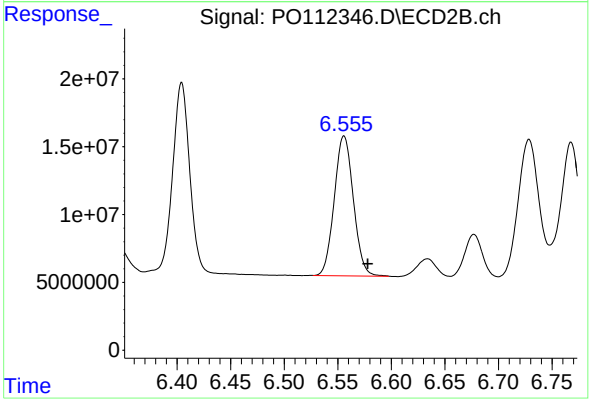
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.022 min
Response: 159139752
Conc: 468.06 ng/ml



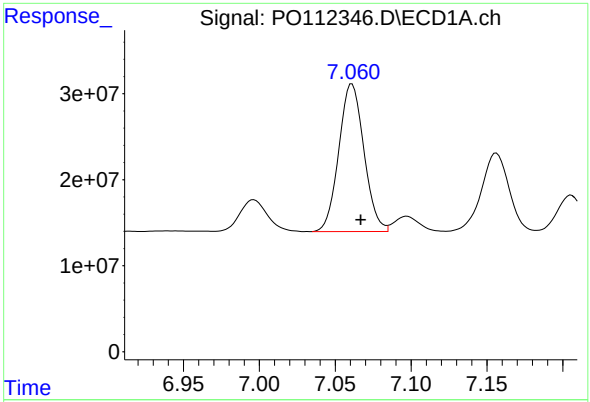
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 294448405
Conc: 449.21 ng/ml



#33 AR-1260-3

R.T.: 6.555 min
Delta R.T.: -0.022 min
Response: 128286726
Conc: 465.51 ng/ml m



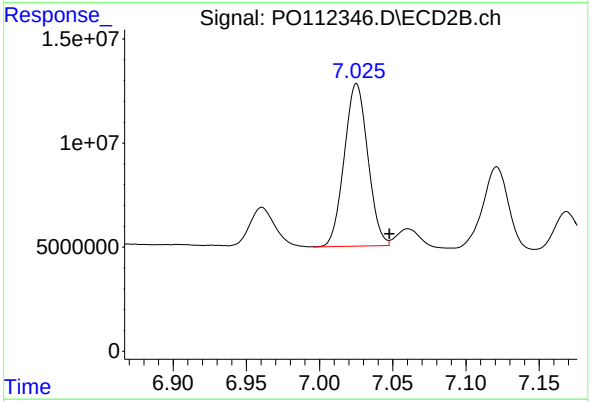
#34 AR-1260-4

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 198088517
Conc: 455.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

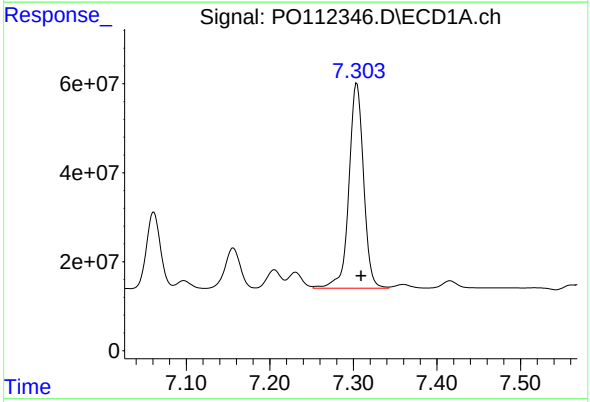
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/30/2025



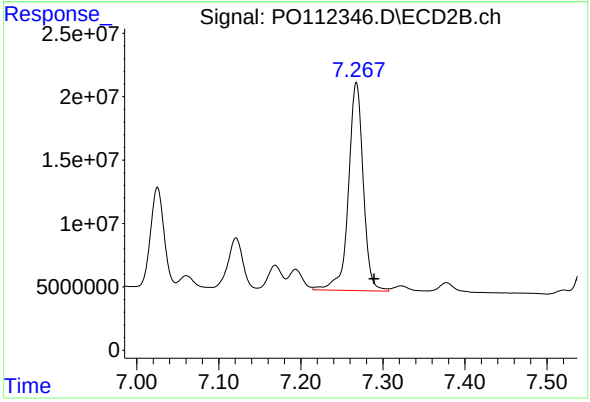
#34 AR-1260-4

R.T.: 7.025 min
Delta R.T.: -0.023 min
Response: 87550066
Conc: 436.34 ng/ml m



#35 AR-1260-5

R.T.: 7.304 min
Delta R.T.: -0.005 min
Response: 561793030
Conc: 444.97 ng/ml



#35 AR-1260-5

R.T.: 7.268 min
Delta R.T.: -0.022 min
Response: 205537159
Conc: 459.07 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/22/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/22/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.97	5.00	4.90	5.10	0.03
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.03
Aroclor-1260-1	(1)	6.21	6.24	6.14	6.34	0.03
Aroclor-1260-2	(2)	6.40	6.43	6.33	6.53	0.03
Aroclor-1260-3	(3)	6.55	6.58	6.48	6.68	0.03
Aroclor-1260-4	(4)	7.02	7.05	6.95	7.15	0.03
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.64	8.67	8.57	8.77	0.03

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112366.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.759	4.661	4.861	518.970	500.000	3.8
Aroclor-1016-2	4.778	4.680	4.880	532.520	500.000	6.5
Aroclor-1016-3	4.835	4.736	4.936	514.470	500.000	2.9
Aroclor-1016-4	4.954	4.856	5.056	522.410	500.000	4.5
Aroclor-1016-5	5.211	5.113	5.313	511.450	500.000	2.3
Aroclor-1260-1	6.249	6.151	6.351	493.780	500.000	-1.2
Aroclor-1260-2	6.439	6.341	6.541	495.000	500.000	-1.0
Aroclor-1260-3	6.805	6.707	6.907	500.210	500.000	0.0
Aroclor-1260-4	7.064	6.967	7.167	503.510	500.000	0.7
Aroclor-1260-5	7.307	7.209	7.409	486.250	500.000	-2.8
Decachlorobiphenyl	8.700	8.603	8.803	49.980	50.000	0.0
Tetrachloro-m-xylene	3.672	3.573	3.773	57.200	50.000	14.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112366.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.737	4.661	4.861	471.470	500.000	-5.7
Aroclor-1016-2	4.756	4.679	4.879	469.570	500.000	-6.1
Aroclor-1016-3	4.930	4.854	5.054	484.320	500.000	-3.1
Aroclor-1016-4	4.973	4.897	5.097	496.800	500.000	-0.6
Aroclor-1016-5	5.185	5.109	5.309	472.560	500.000	-5.5
Aroclor-1260-1	6.214	6.138	6.338	482.800	500.000	-3.4
Aroclor-1260-2	6.403	6.326	6.526	514.630	500.000	2.9
Aroclor-1260-3	6.554	6.478	6.678	517.520	500.000	3.5
Aroclor-1260-4	7.024	6.948	7.148	501.240	500.000	0.2
Aroclor-1260-5	7.267	7.190	7.390	519.750	500.000	4.0
Decachlorobiphenyl	8.643	8.568	8.768	47.160	50.000	-5.7
Tetrachloro-m-xylene	3.662	3.584	3.784	51.060	50.000	2.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.662	565.9E6	325.3E6	57.195	51.055
2)	SA Decachlor...	8.700	8.643	341.7E6	81274339	49.977	47.158m
	Target Compounds						
3)	L1 AR-1016-1	4.759	4.737	176.5E6	105.1E6	518.970	471.475m
4)	L1 AR-1016-2	4.778	4.756	264.8E6	154.5E6	532.518	469.570m
5)	L1 AR-1016-3	4.835	4.930	166.5E6	82269412	514.472	484.317m
6)	L1 AR-1016-4	4.954	4.973	134.2E6	68174317	522.411	496.798m
7)	L1 AR-1016-5	5.211	5.185	140.0E6	81492370	511.454	472.556m
31)	L7 AR-1260-1	6.249	6.214	247.5E6	135.5E6	493.782	482.798
32)	L7 AR-1260-2	6.439	6.403	365.4E6	175.0E6	495.002	514.627
33)	L7 AR-1260-3	6.805	6.554	327.9E6	142.6E6	500.210	517.520m
34)	L7 AR-1260-4	7.064	7.024	219.2E6	100.6E6	503.511	501.240m
35)	L7 AR-1260-5	7.307	7.267	613.9E6	232.7E6	486.246	519.751

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

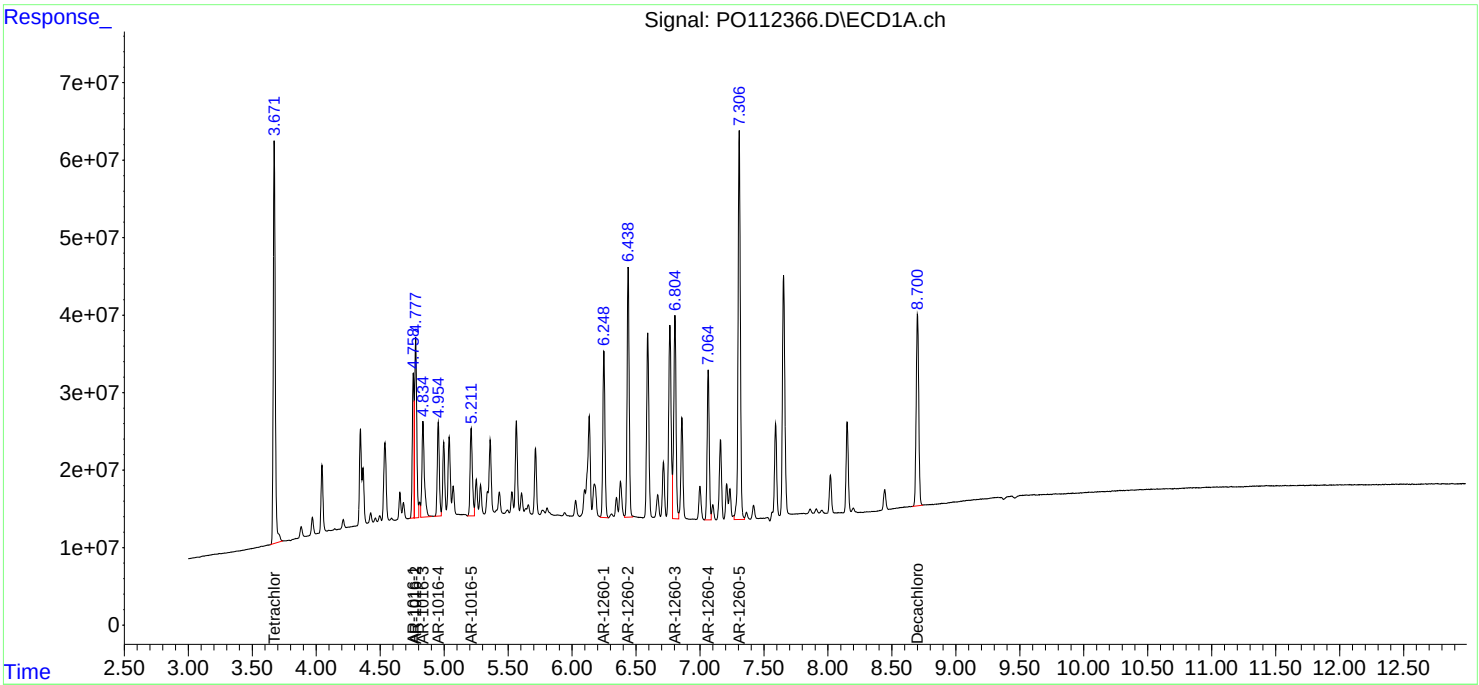
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

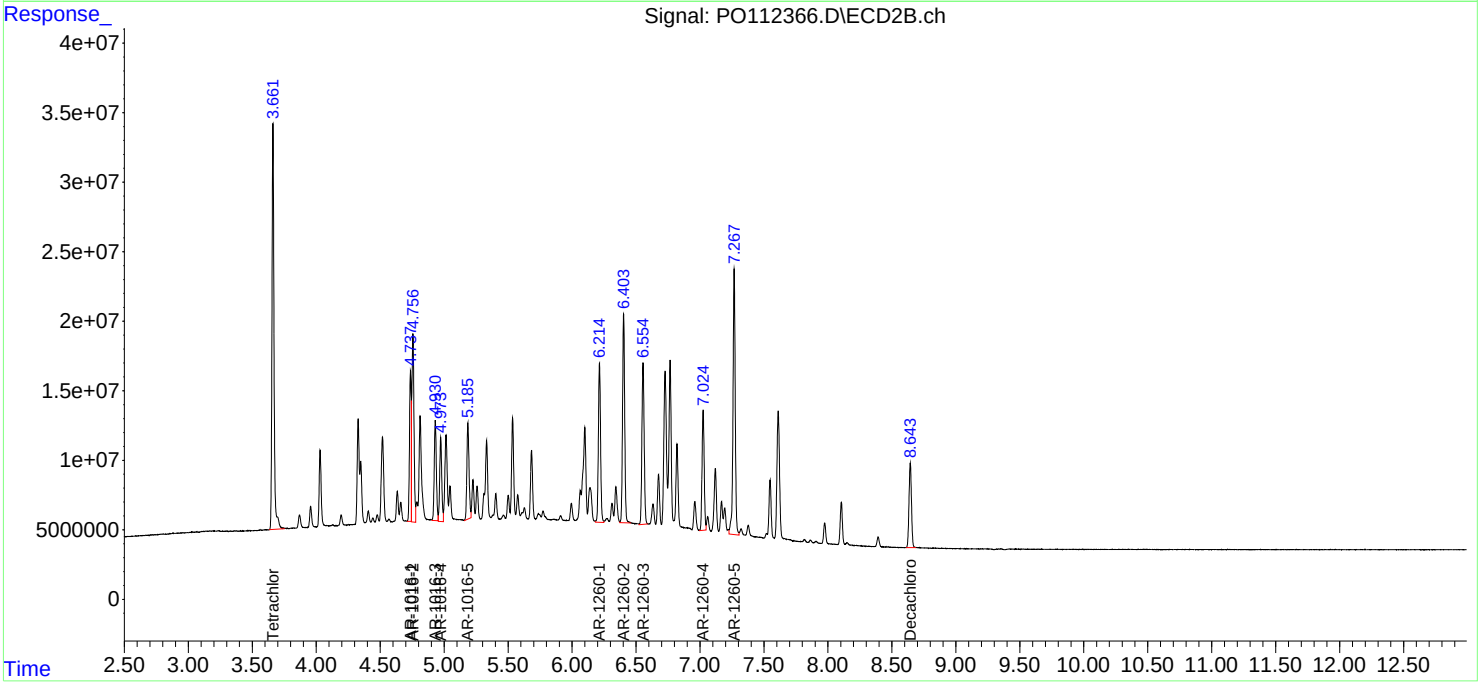
Manual Integrations APPROVED

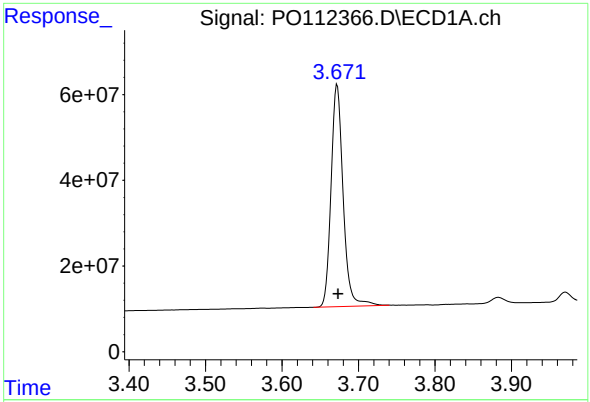
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







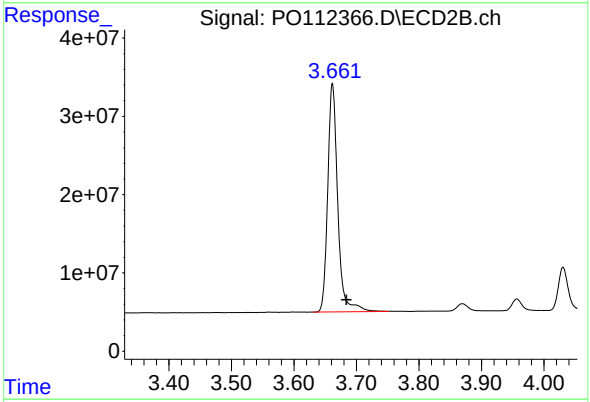
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 565932233
Conc: 57.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

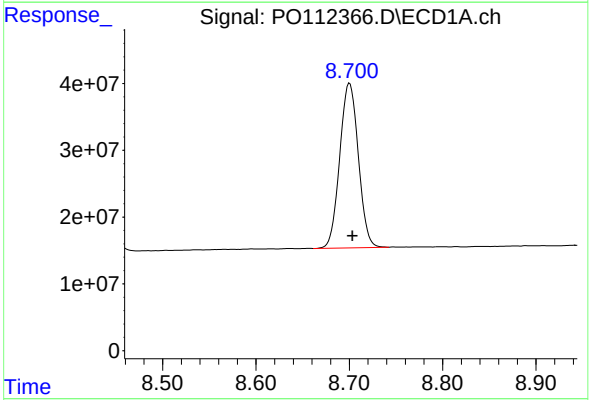
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



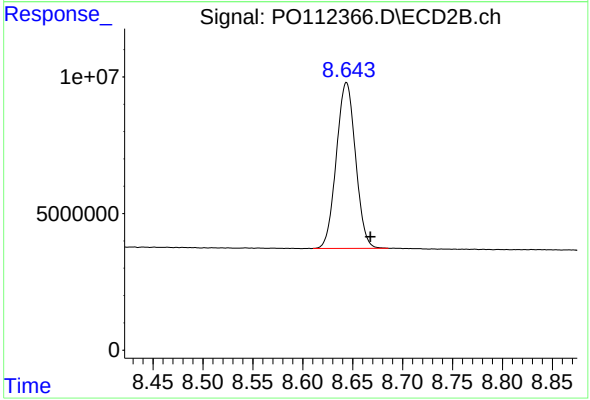
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.022 min
Response: 325275039
Conc: 51.06 ng/ml



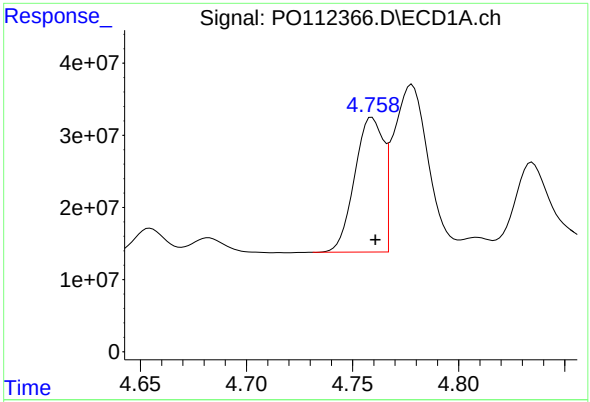
#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.003 min
Response: 341696880
Conc: 49.98 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.643 min
Delta R.T.: -0.025 min
Response: 81274339
Conc: 47.16 ng/ml m



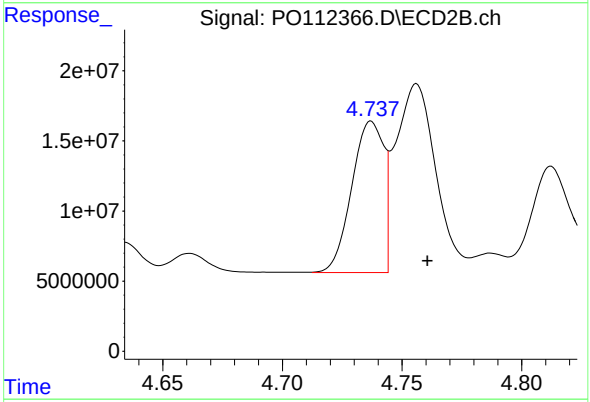
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 176513620
Conc: 518.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

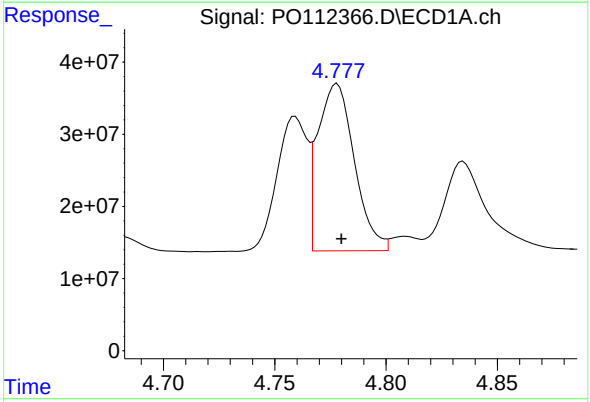
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



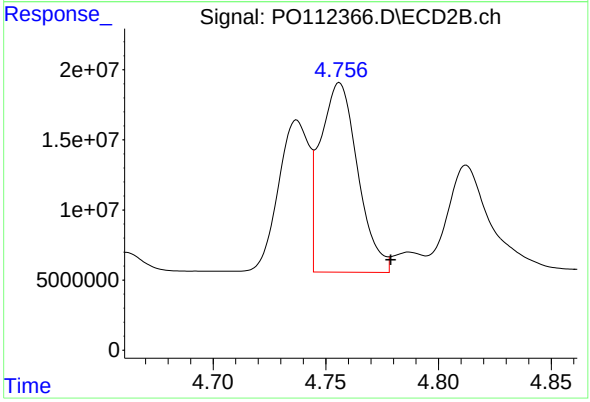
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.024 min
Response: 105060816
Conc: 471.47 ng/ml m



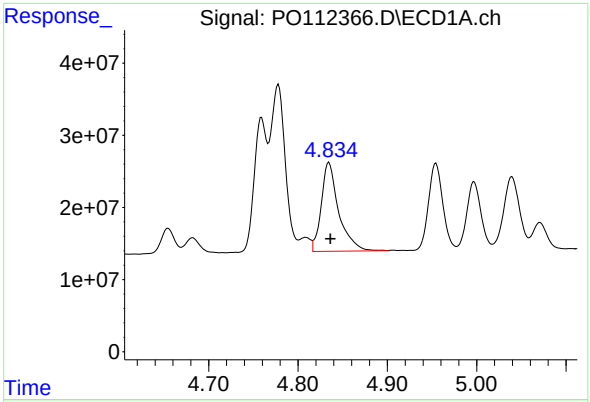
#4 AR-1016-2

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 264817007
Conc: 532.52 ng/ml



#4 AR-1016-2

R.T.: 4.756 min
Delta R.T.: -0.023 min
Response: 154534389
Conc: 469.57 ng/ml m



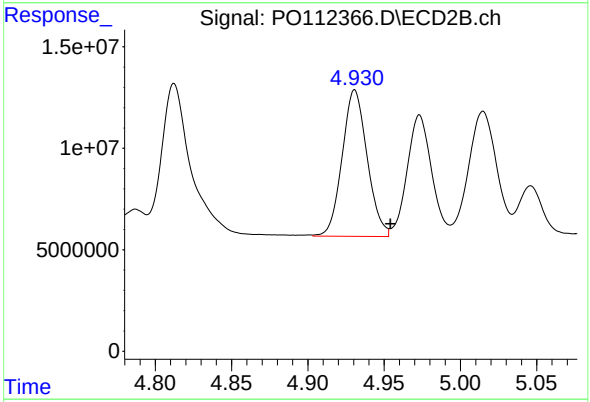
#5 AR-1016-3

R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 166541661
Conc: 514.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

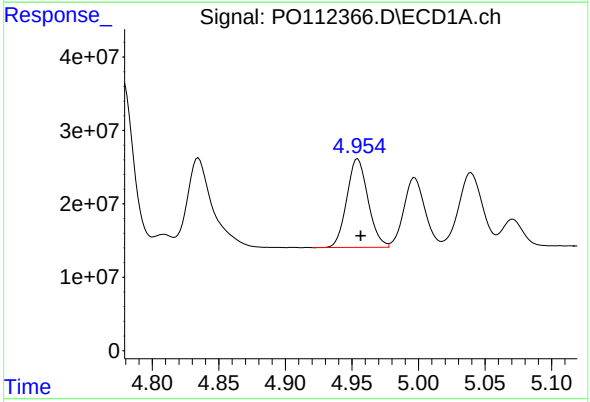
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



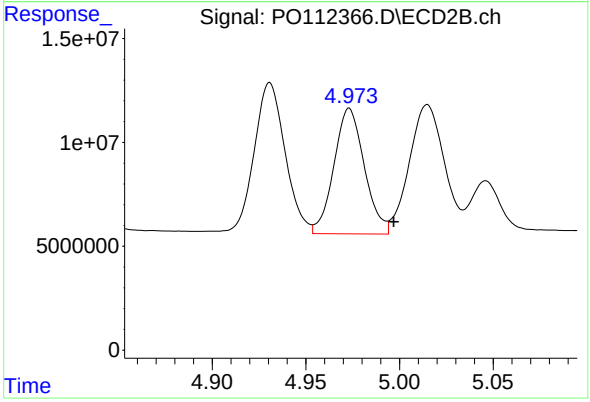
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: -0.024 min
Response: 82269412
Conc: 484.32 ng/ml m



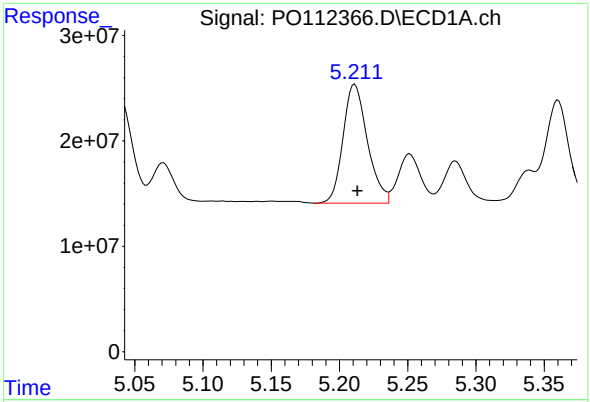
#6 AR-1016-4

R.T.: 4.954 min
Delta R.T.: -0.002 min
Response: 134155056
Conc: 522.41 ng/ml



#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.024 min
Response: 68174317
Conc: 496.80 ng/ml m



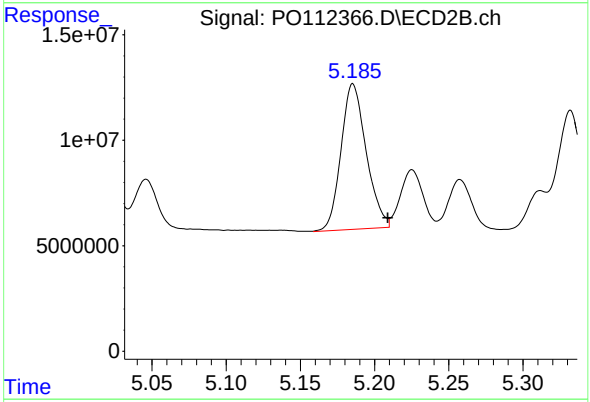
#7 AR-1016-5

R.T.: 5.211 min
Delta R.T.: -0.002 min
Response: 139965370
Conc: 511.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

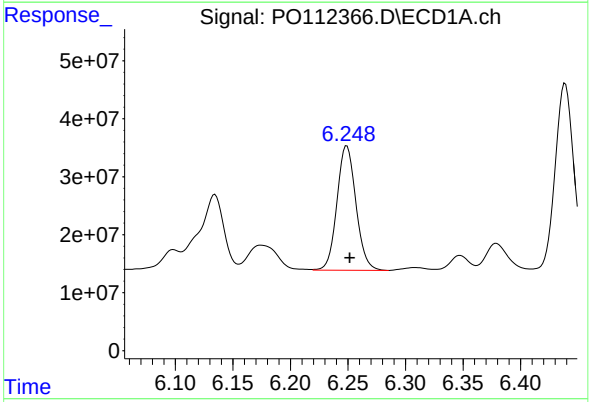
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



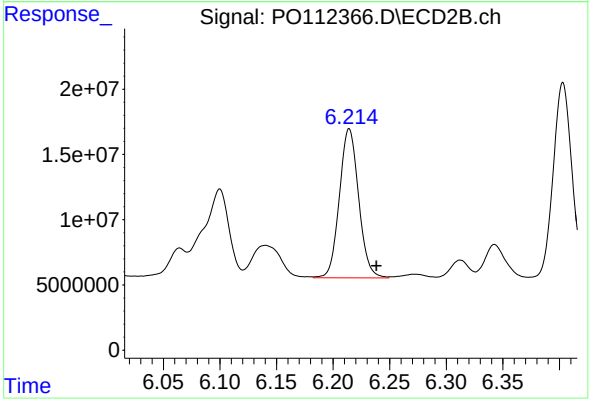
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.024 min
Response: 81492370
Conc: 472.56 ng/ml m



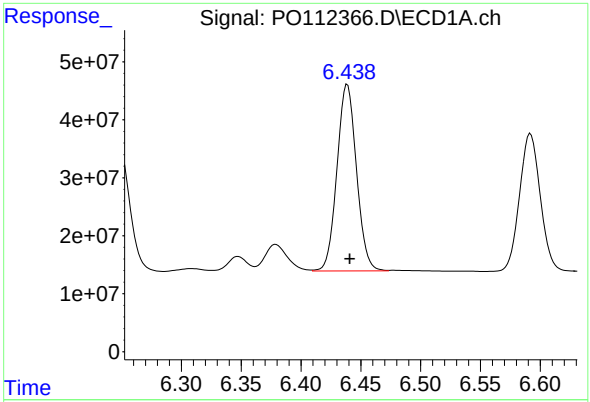
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 247502934
Conc: 493.78 ng/ml



#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: -0.024 min
Response: 135454857
Conc: 482.80 ng/ml



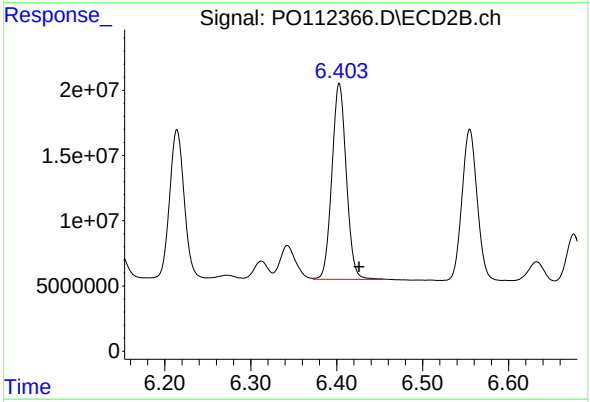
#32 AR-1260-2

R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 365378129
Conc: 495.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

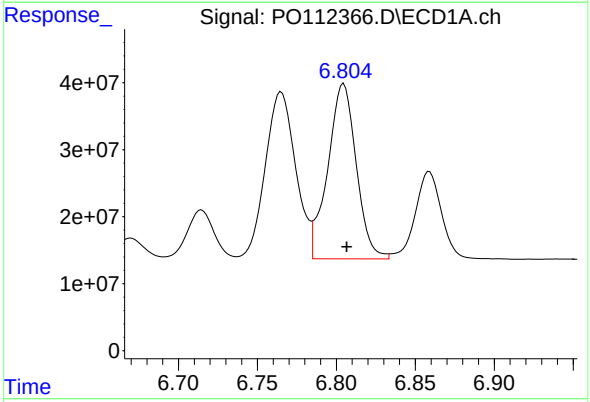
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



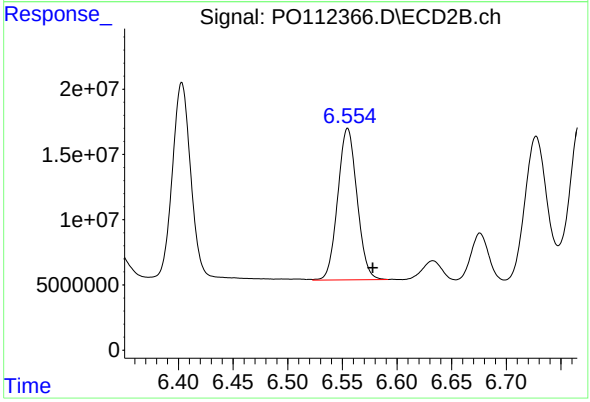
#32 AR-1260-2

R.T.: 6.403 min
Delta R.T.: -0.023 min
Response: 174971478
Conc: 514.63 ng/ml



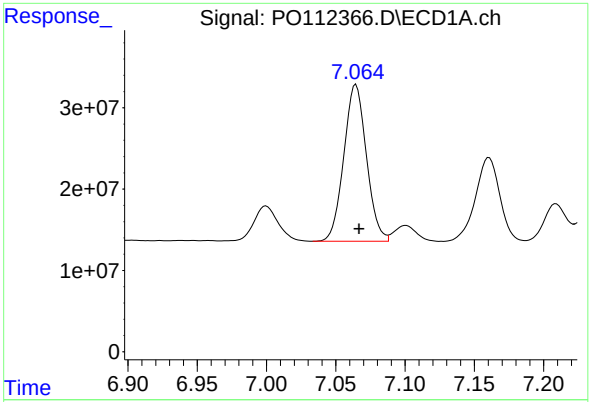
#33 AR-1260-3

R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 327878936
Conc: 500.21 ng/ml



#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: -0.023 min
Response: 142621388
Conc: 517.52 ng/ml m



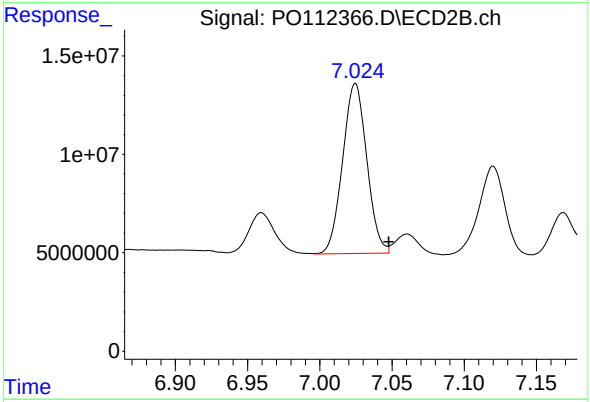
#34 AR-1260-4

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 219151907
Conc: 503.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

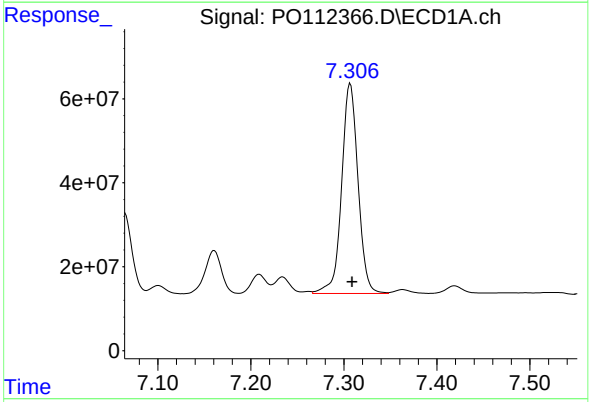
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



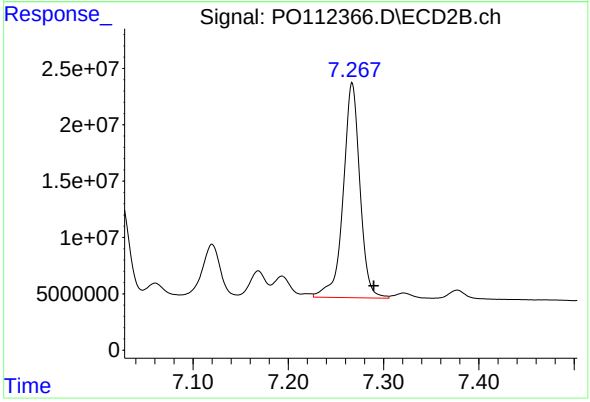
#34 AR-1260-4

R.T.: 7.024 min
Delta R.T.: -0.023 min
Response: 100571277
Conc: 501.24 ng/ml m



#35 AR-1260-5

R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 613903993
Conc: 486.25 ng/ml



#35 AR-1260-5

R.T.: 7.267 min
Delta R.T.: -0.022 min
Response: 232707276
Conc: 519.75 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/22/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 16:21 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.30	7.31	7.21	7.41	0.01
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/22/2025 **Initial Calibration Date(s):** 07/08/2025 07/08/2025

Continuing Calib Time: 16:21 **Initial Calibration Time(s):** 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.97	5.00	4.90	5.10	0.03
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.40	6.43	6.33	6.53	0.03
Aroclor-1260-3	(3)	6.55	6.58	6.48	6.68	0.03
Aroclor-1260-4	(4)	7.02	7.05	6.95	7.15	0.03
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.64	8.67	8.57	8.77	0.03

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112381.D **Time Analyzed:** 16:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.756	4.661	4.861	531.760	500.000	6.4
Aroclor-1016-2	4.775	4.680	4.880	537.930	500.000	7.6
Aroclor-1016-3	4.832	4.736	4.936	518.230	500.000	3.6
Aroclor-1016-4	4.951	4.856	5.056	526.680	500.000	5.3
Aroclor-1016-5	5.209	5.113	5.313	549.170	500.000	9.8
Aroclor-1260-1	6.246	6.151	6.351	488.230	500.000	-2.4
Aroclor-1260-2	6.436	6.341	6.541	488.260	500.000	-2.3
Aroclor-1260-3	6.801	6.707	6.907	477.960	500.000	-4.4
Aroclor-1260-4	7.061	6.967	7.167	504.140	500.000	0.8
Aroclor-1260-5	7.304	7.209	7.409	501.750	500.000	0.4
Decachlorobiphenyl	8.695	8.603	8.803	49.550	50.000	-0.9
Tetrachloro-m-xylene	3.670	3.573	3.773	58.470	50.000	16.9

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/22/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO112381.D **Time Analyzed:** 16:21

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.738	4.661	4.861	492.160	500.000	-1.6
Aroclor-1016-2	4.756	4.679	4.879	479.070	500.000	-4.2
Aroclor-1016-3	4.931	4.854	5.054	496.440	500.000	-0.7
Aroclor-1016-4	4.974	4.897	5.097	492.160	500.000	-1.6
Aroclor-1016-5	5.186	5.109	5.309	516.450	500.000	3.3
Aroclor-1260-1	6.215	6.138	6.338	481.700	500.000	-3.7
Aroclor-1260-2	6.404	6.326	6.526	499.280	500.000	-0.1
Aroclor-1260-3	6.554	6.478	6.678	492.460	500.000	-1.5
Aroclor-1260-4	7.024	6.948	7.148	455.250	500.000	-9.0
Aroclor-1260-5	7.266	7.190	7.390	459.270	500.000	-8.1
Decachlorobiphenyl	8.642	8.568	8.768	46.920	50.000	-6.2
Tetrachloro-m-xylene	3.662	3.584	3.784	53.080	50.000	6.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 16:21
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:52:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.670	3.662	578.5E6	338.2E6	58.470	53.081
2)	SA Decachlor...	8.695	8.642	338.8E6	80859360	49.551	46.917
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.738	180.9E6	109.7E6	531.757	492.161m
4)	L1 AR-1016-2	4.775	4.756	267.5E6	157.7E6	537.929	479.071m
5)	L1 AR-1016-3	4.832	4.931	167.8E6	84329493	518.228	496.445m
6)	L1 AR-1016-4	4.951	4.974	135.3E6	67538407	526.679	492.164m
7)	L1 AR-1016-5	5.209	5.186	150.3E6	89062171	549.172	516.451m
31)	L7 AR-1260-1	6.246	6.215	244.7E6	135.1E6	488.228	481.696
32)	L7 AR-1260-2	6.436	6.404	360.4E6	169.8E6	488.264	499.283
33)	L7 AR-1260-3	6.801	6.554	313.3E6	135.7E6	477.962	492.462m
34)	L7 AR-1260-4	7.061	7.024	219.4E6	91343921	504.145	455.251m
35)	L7 AR-1260-5	7.304	7.266	633.5E6	205.6E6	501.754	459.271

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

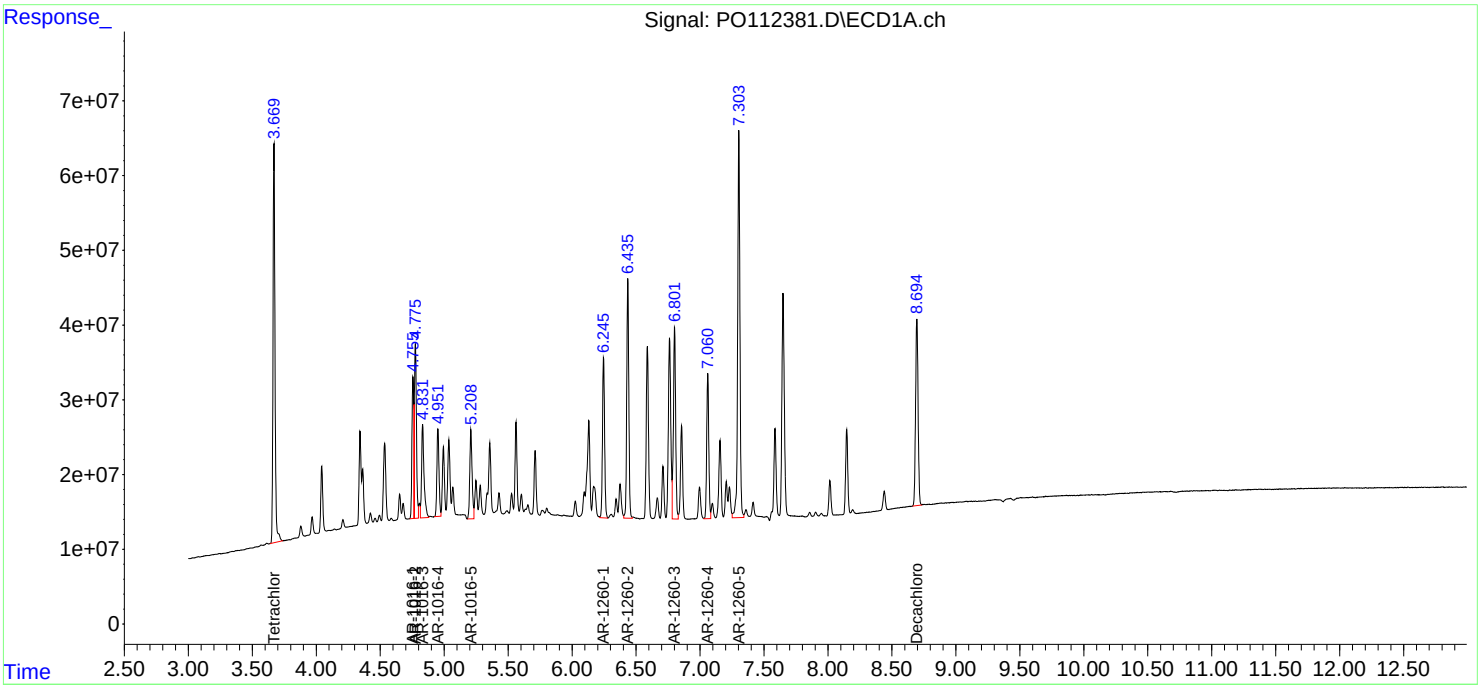
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 16:21
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

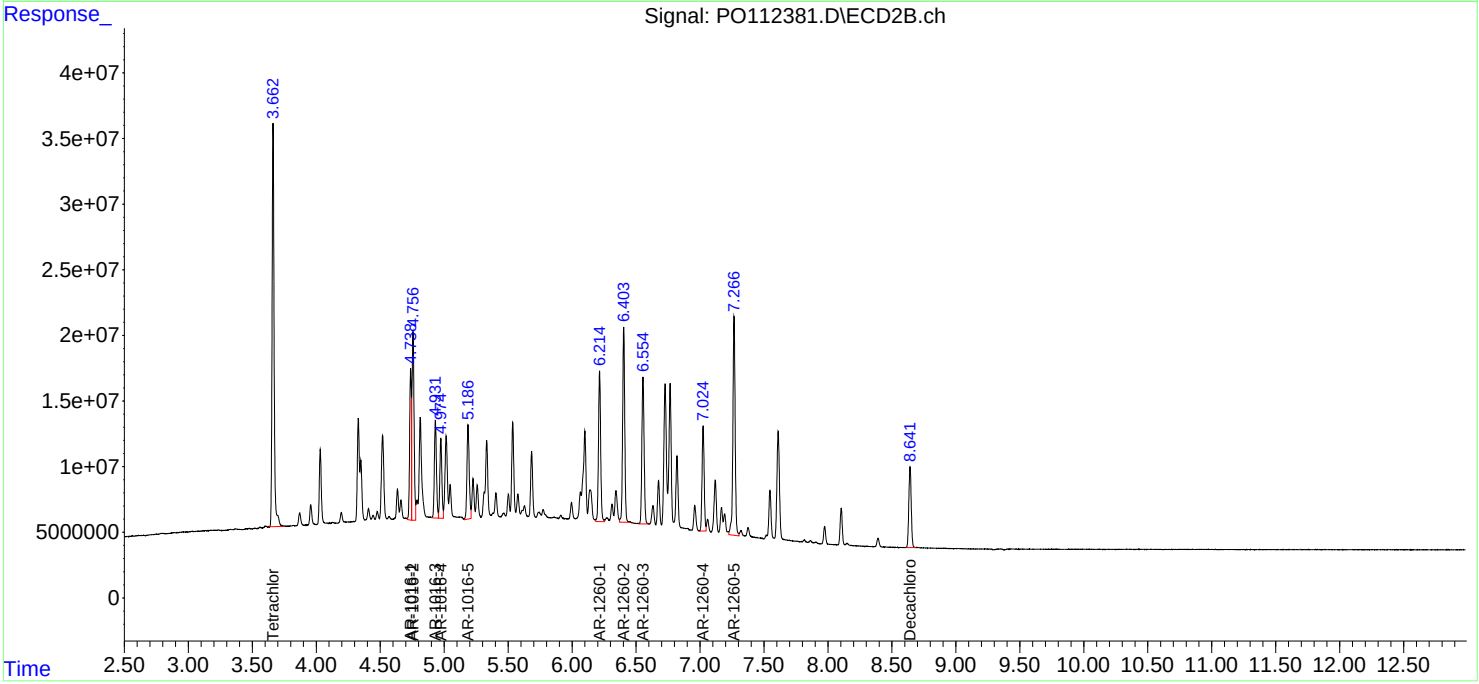
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

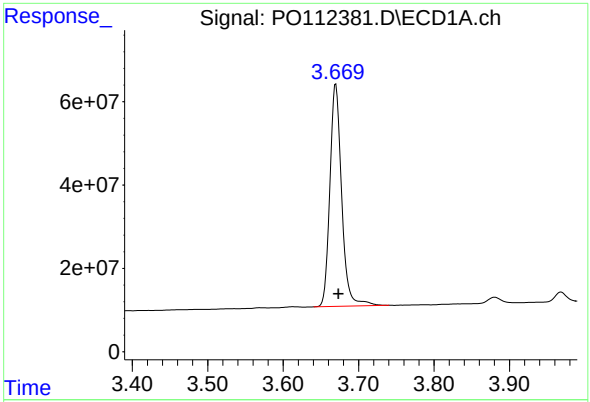
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:52:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







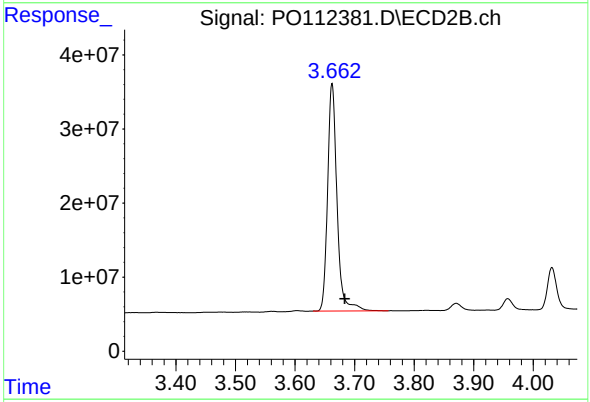
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 578547123
Conc: 58.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

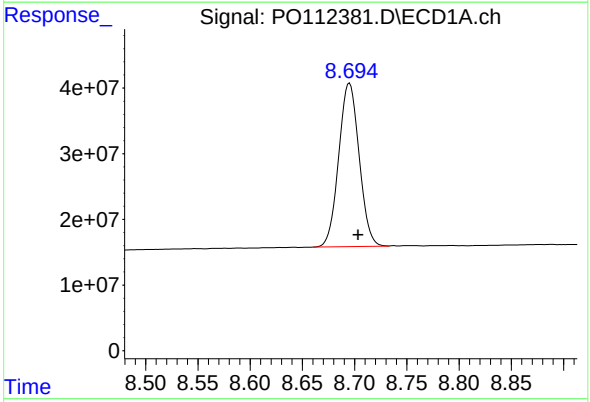
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



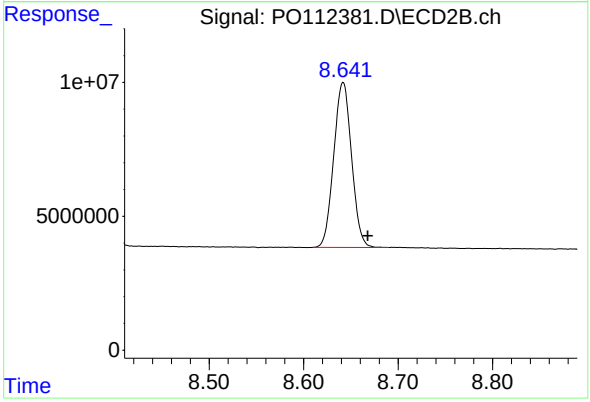
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.021 min
Response: 338183063
Conc: 53.08 ng/ml



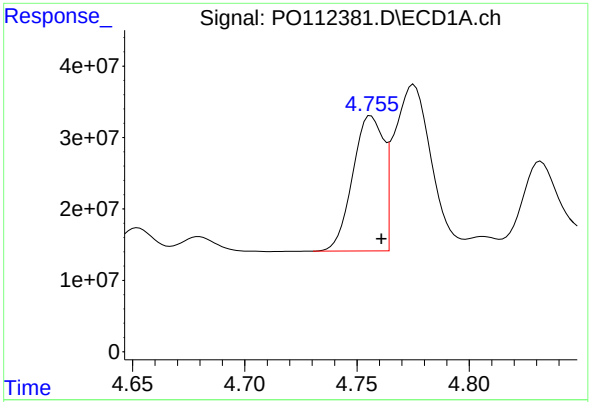
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 338782695
Conc: 49.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: -0.026 min
Response: 80859360
Conc: 46.92 ng/ml



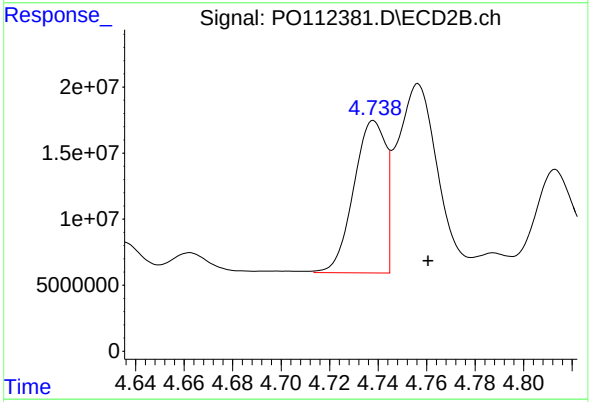
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 180862710
Conc: 531.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

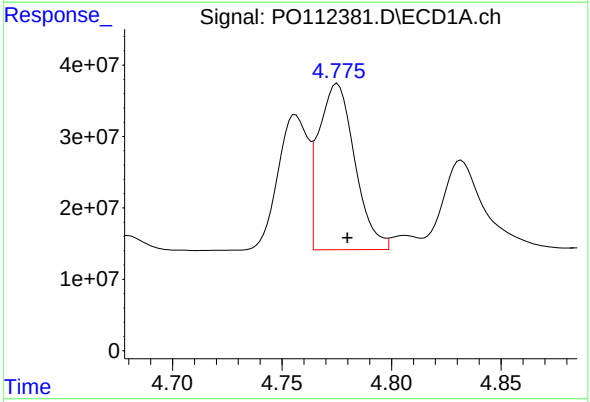
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



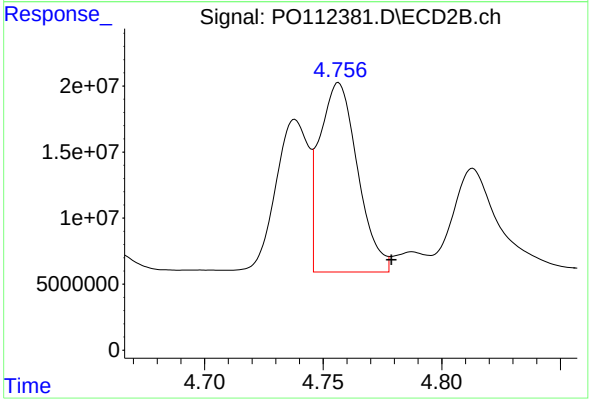
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.023 min
Response: 109670488
Conc: 492.16 ng/ml m



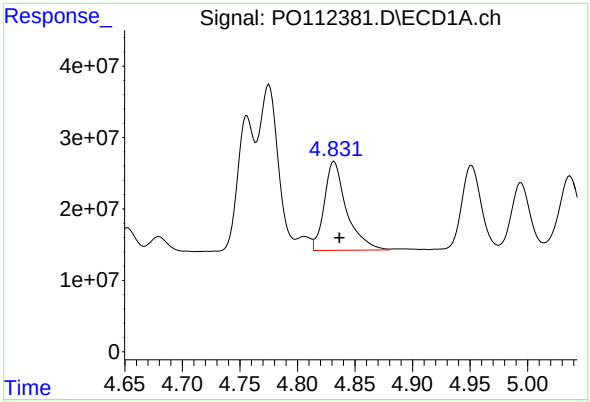
#4 AR-1016-2

R.T.: 4.775 min
Delta R.T.: -0.005 min
Response: 267507791
Conc: 537.93 ng/ml



#4 AR-1016-2

R.T.: 4.756 min
Delta R.T.: -0.023 min
Response: 157661241
Conc: 479.07 ng/ml m



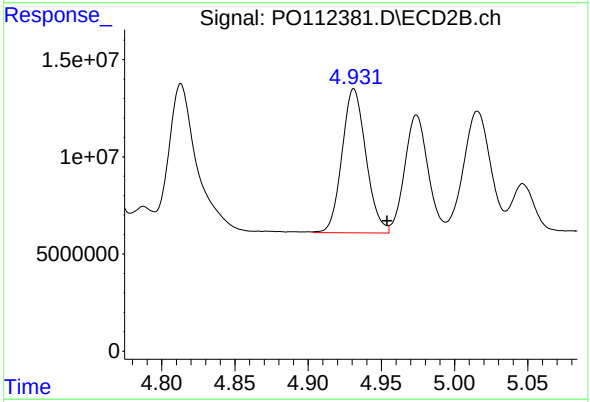
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 167757685
Conc: 518.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

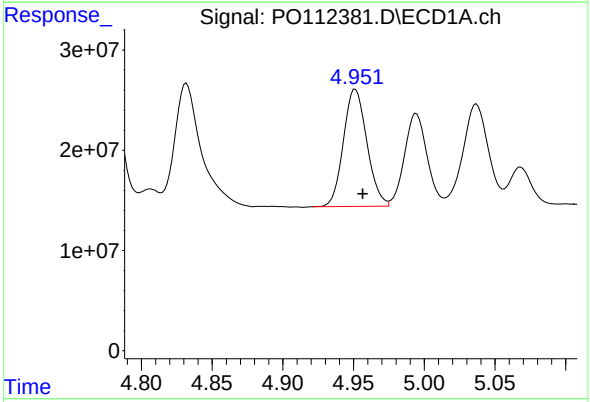
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



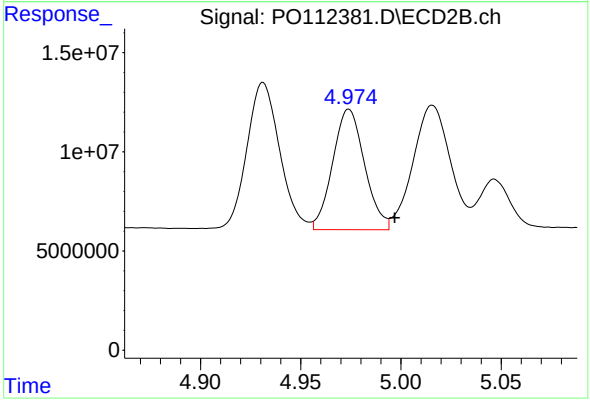
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: -0.023 min
Response: 84329493
Conc: 496.44 ng/ml m



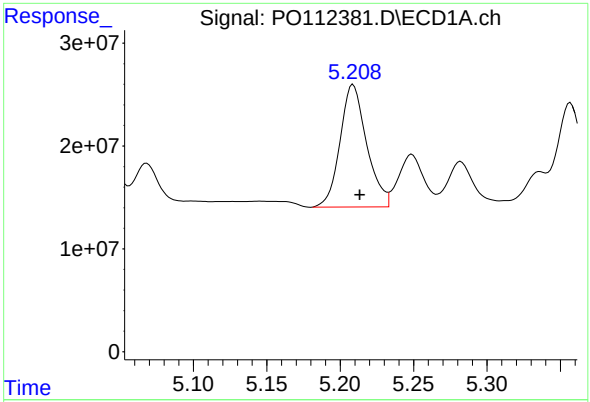
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 135250965
Conc: 526.68 ng/ml



#6 AR-1016-4

R.T.: 4.974 min
Delta R.T.: -0.023 min
Response: 67538407
Conc: 492.16 ng/ml m



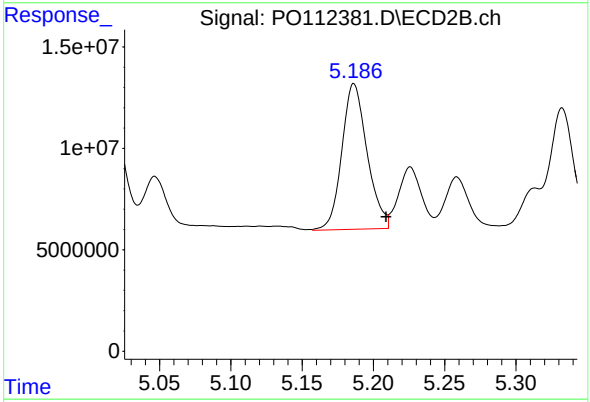
#7 AR-1016-5

R.T.: 5.209 min
Delta R.T.: -0.004 min
Response: 150287384
Conc: 549.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

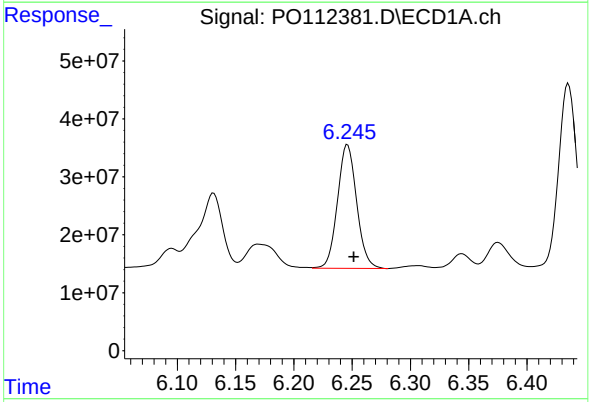
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



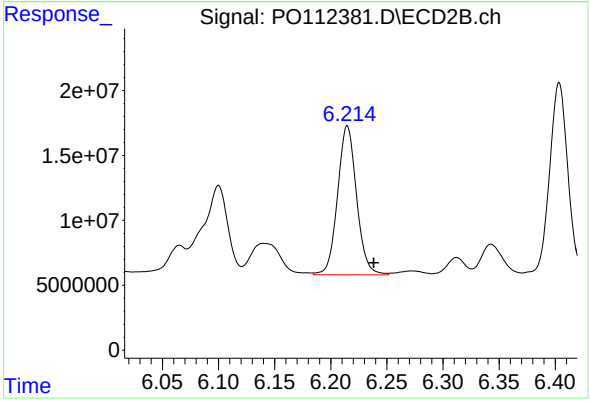
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: -0.023 min
Response: 89062171
Conc: 516.45 ng/ml m



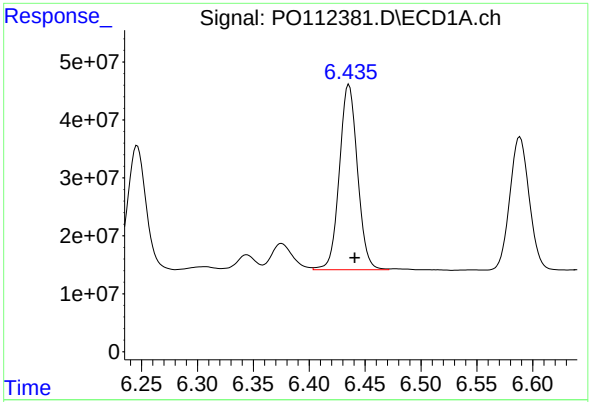
#31 AR-1260-1

R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 244719104
Conc: 488.23 ng/ml



#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: -0.023 min
Response: 135145555
Conc: 481.70 ng/ml



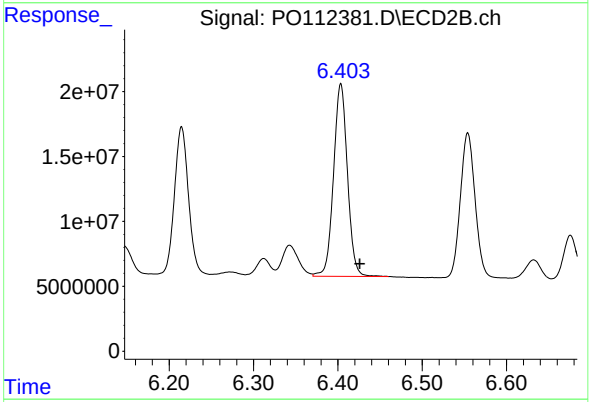
#32 AR-1260-2

R.T.: 6.436 min
Delta R.T.: -0.005 min
Response: 360404699
Conc: 488.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

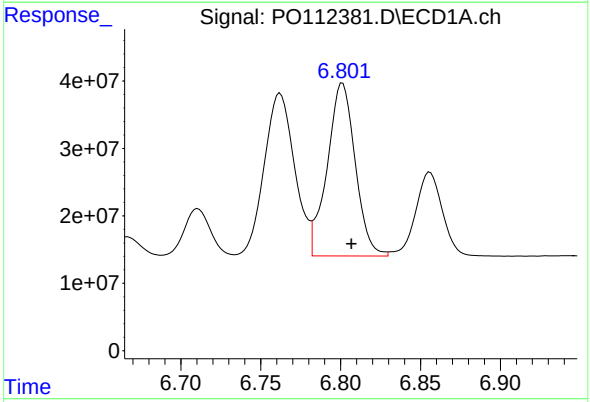
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



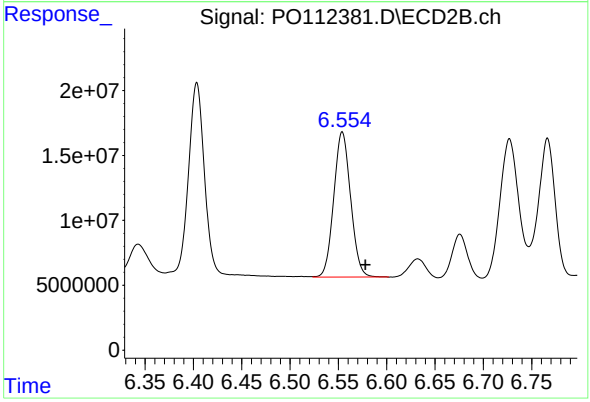
#32 AR-1260-2

R.T.: 6.404 min
Delta R.T.: -0.022 min
Response: 169754475
Conc: 499.28 ng/ml



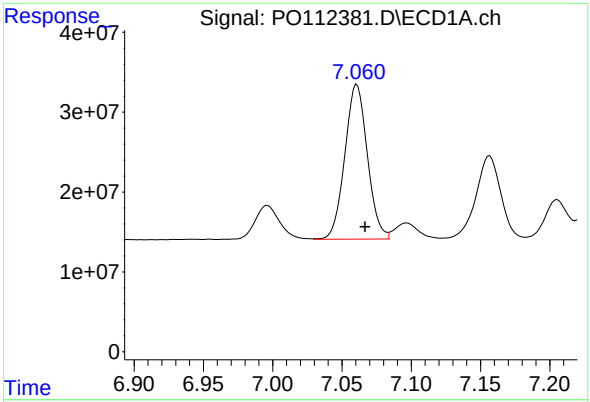
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: -0.005 min
Response: 313295711
Conc: 477.96 ng/ml



#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: -0.024 min
Response: 135715722
Conc: 492.46 ng/ml m



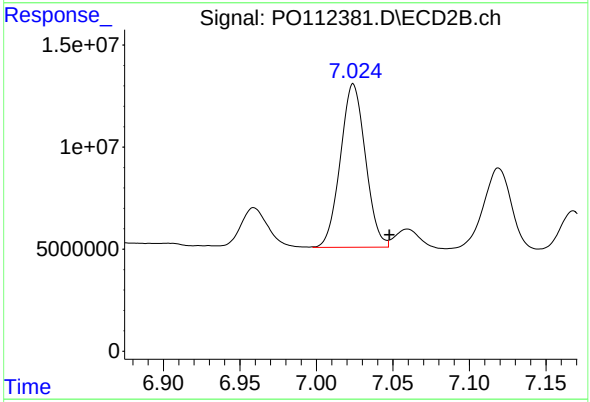
#34 AR-1260-4

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 219427950
Conc: 504.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

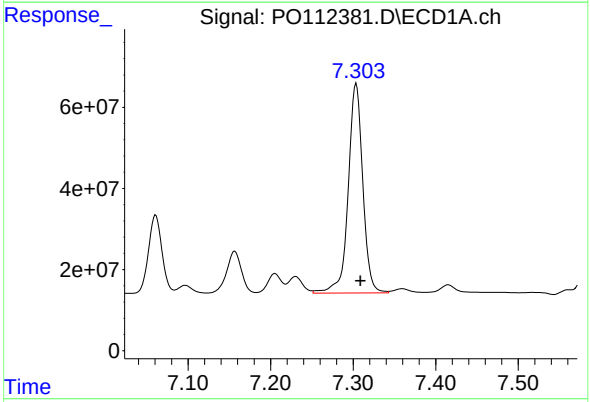
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



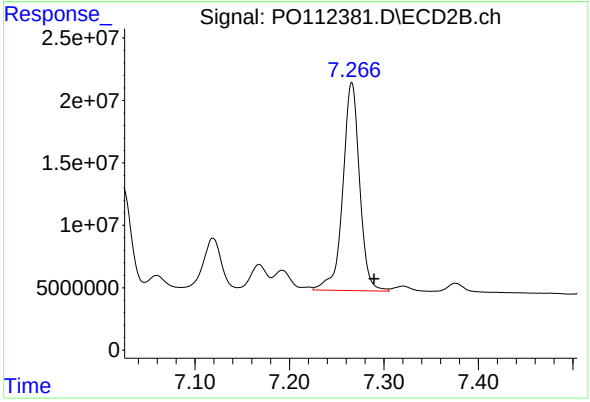
#34 AR-1260-4

R.T.: 7.024 min
Delta R.T.: -0.024 min
Response: 91343921
Conc: 455.25 ng/ml m



#35 AR-1260-5

R.T.: 7.304 min
Delta R.T.: -0.005 min
Response: 633483438
Conc: 501.75 ng/ml



#35 AR-1260-5

R.T.: 7.266 min
Delta R.T.: -0.024 min
Response: 205628634
Conc: 459.27 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 08:51 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.63	5.64	5.54	5.74	0.01
Aroclor-1016-2	(2)	5.65	5.66	5.56	5.76	0.01
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.83	7.84	7.74	7.94	0.01
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.48	4.49	4.39	4.59	0.01
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 08:51 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.04	5.05	4.95	5.15	0.01
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.77	3.78	3.68	3.88	0.01
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073972.D **Time Analyzed:** 08:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.633	5.539	5.739	451.720	500.000	-9.7
Aroclor-1016-2	5.654	5.560	5.760	488.530	500.000	-2.3
Aroclor-1016-3	5.716	5.622	5.822	479.600	500.000	-4.1
Aroclor-1016-4	5.814	5.720	5.920	483.450	500.000	-3.3
Aroclor-1016-5	6.106	6.012	6.212	488.110	500.000	-2.4
Aroclor-1260-1	7.223	7.129	7.329	470.410	500.000	-5.9
Aroclor-1260-2	7.476	7.383	7.583	429.810	500.000	-14.0
Aroclor-1260-3	7.834	7.740	7.940	494.290	500.000	-1.1
Aroclor-1260-4	8.057	7.964	8.164	508.080	500.000	1.6
Aroclor-1260-5	8.375	8.283	8.483	513.090	500.000	2.6
Decachlorobiphenyl	10.166	10.076	10.276	53.820	50.000	7.6
Tetrachloro-m-xylene	4.482	4.388	4.588	51.200	50.000	2.4

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL05 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073972.D **Time Analyzed:** 08:51

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.849	4.758	4.958	471.860	500.000	-5.6
Aroclor-1016-2	4.867	4.775	4.975	478.870	500.000	-4.2
Aroclor-1016-3	5.043	4.951	5.151	489.440	500.000	-2.1
Aroclor-1016-4	5.085	4.993	5.193	487.850	500.000	-2.4
Aroclor-1016-5	5.298	5.207	5.407	494.440	500.000	-1.1
Aroclor-1260-1	6.328	6.237	6.437	472.030	500.000	-5.6
Aroclor-1260-2	6.516	6.425	6.625	470.640	500.000	-5.9
Aroclor-1260-3	6.668	6.577	6.777	469.520	500.000	-6.1
Aroclor-1260-4	7.137	7.046	7.246	489.920	500.000	-2.0
Aroclor-1260-5	7.379	7.289	7.489	491.630	500.000	-1.7
Decachlorobiphenyl	8.769	8.680	8.880	55.590	50.000	11.2
Tetrachloro-m-xylene	3.772	3.678	3.878	48.690	50.000	-2.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 08:51
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: Jul 22 01:44:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.482	3.772	70122852	89704759	51.202	48.692
2)	SA Decachlor...	10.166	8.769	58718229	73552446	53.818	55.589
	Target Compounds						
3)	L1 AR-1016-1	5.633	4.849	21462747	32168950	451.718	471.860
4)	L1 AR-1016-2	5.654	4.867	34790309	48789605	488.526	478.872
5)	L1 AR-1016-3	5.716	5.043	20940600	26481602	479.595	489.436
6)	L1 AR-1016-4	5.814	5.085	17377876	21407444	483.450	487.854
7)	L1 AR-1016-5	6.106	5.298	15292750	26987830	488.112	494.441
31)	L7 AR-1260-1	7.223	6.328	27735757	46051101	470.407	472.027
32)	L7 AR-1260-2	7.476	6.516	41192512	57811705	429.806	470.635
33)	L7 AR-1260-3	7.834	6.668	36118391	51395792	494.294	469.523
34)	L7 AR-1260-4	8.057	7.137	33177678	43803186	508.082	489.922
35)	L7 AR-1260-5	8.375	7.379	77401624	110.5E6	513.094	491.630

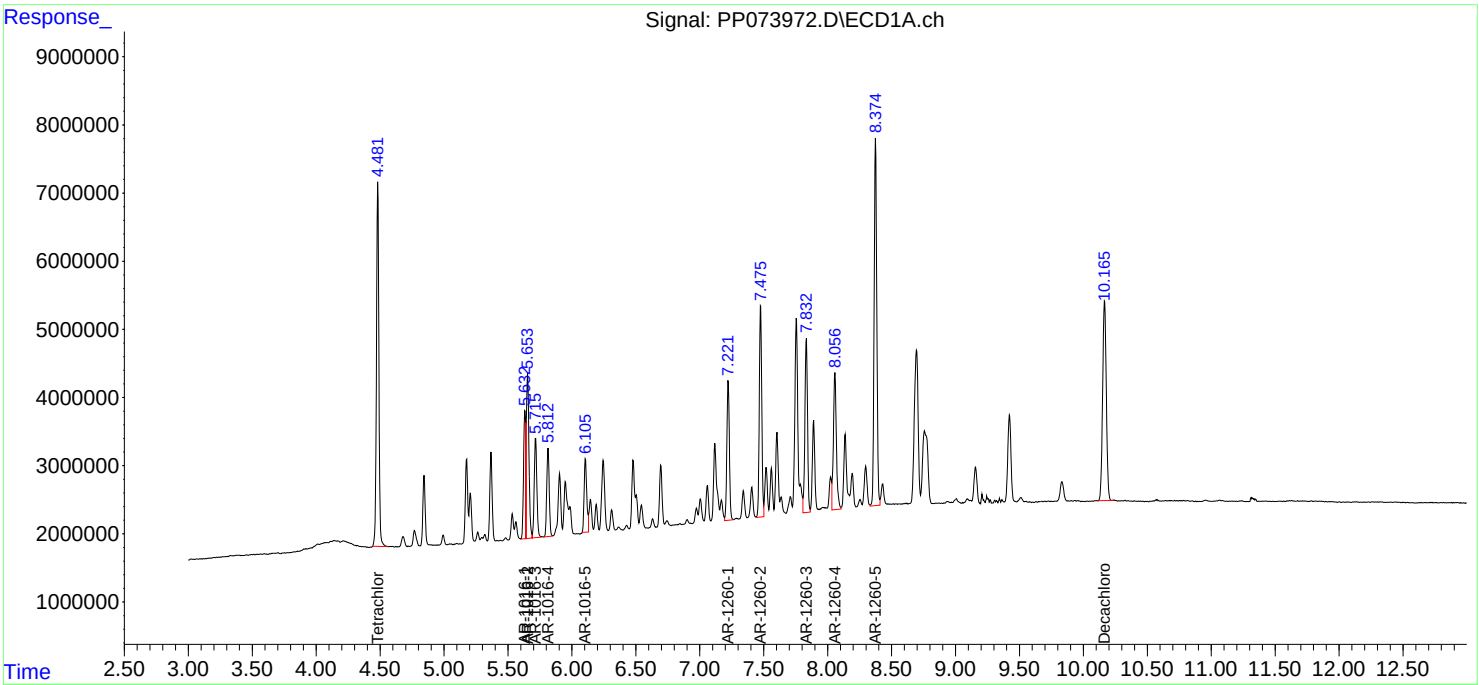
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

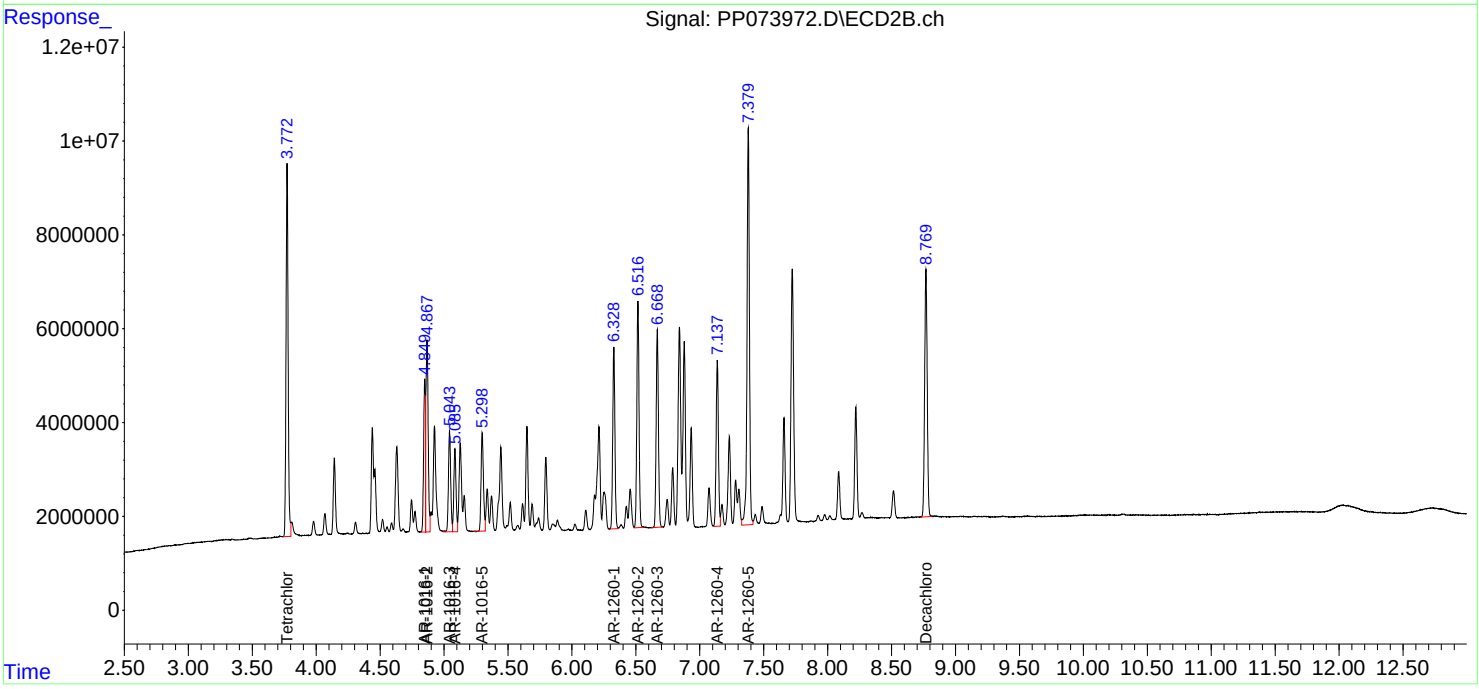
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 08:51
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

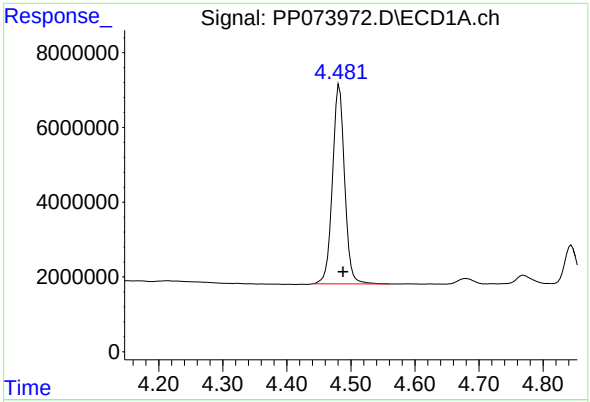
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:44:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



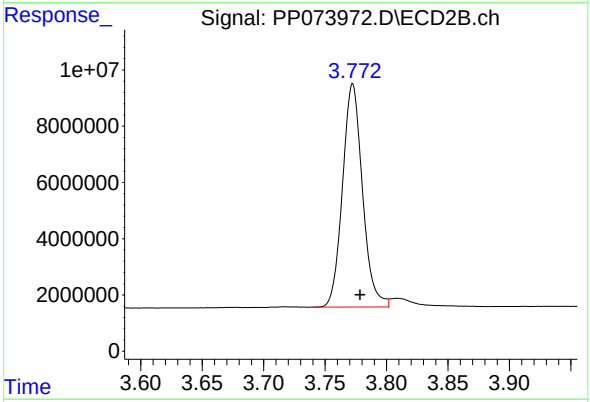




#1 Tetrachloro-m-xylene

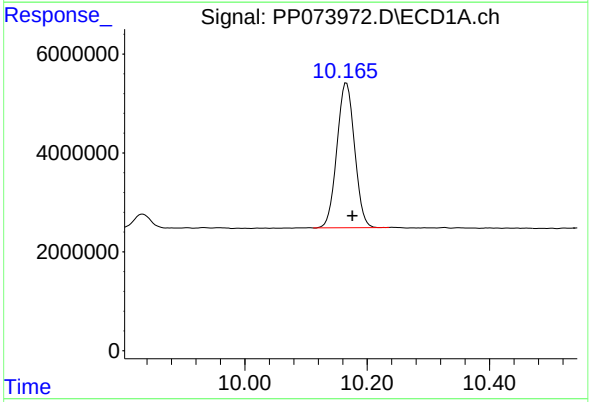
R.T.: 4.482 min
Delta R.T.: -0.006 min
Response: 70122852
Conc: 51.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



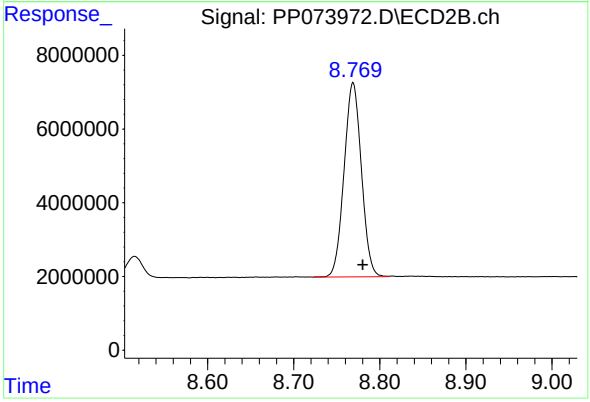
#1 Tetrachloro-m-xylene

R.T.: 3.772 min
Delta R.T.: -0.006 min
Response: 89704759
Conc: 48.69 ng/ml



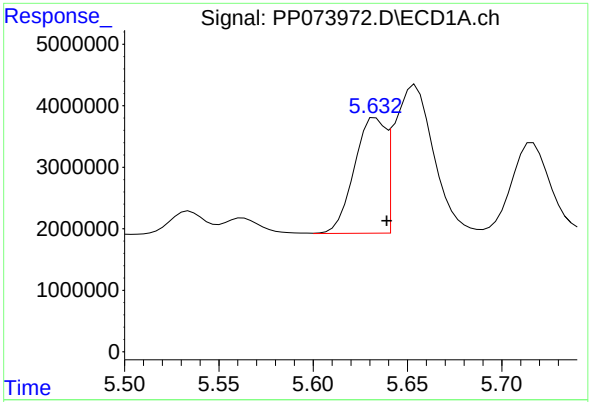
#2 Decachlorobiphenyl

R.T.: 10.166 min
Delta R.T.: -0.010 min
Response: 58718229
Conc: 53.82 ng/ml



#2 Decachlorobiphenyl

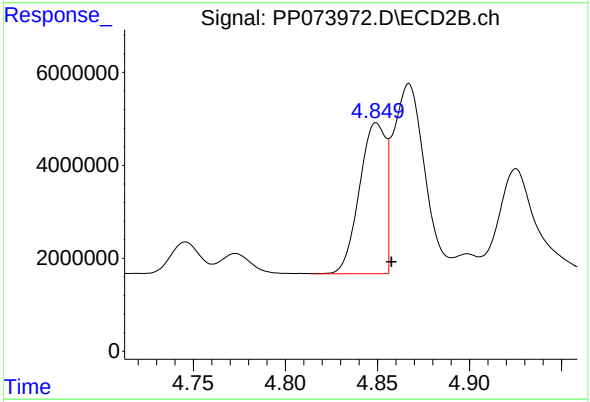
R.T.: 8.769 min
Delta R.T.: -0.011 min
Response: 73552446
Conc: 55.59 ng/ml



#3 AR-1016-1

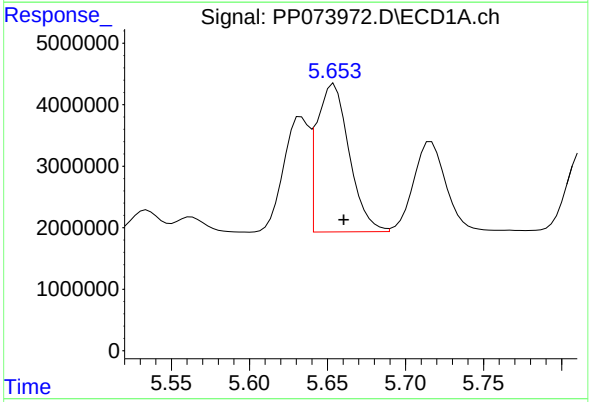
R.T.: 5.633 min
Delta R.T.: -0.006 min
Response: 21462747
Conc: 451.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



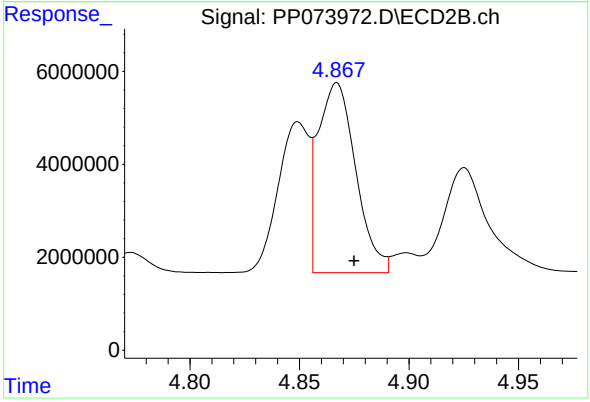
#3 AR-1016-1

R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 32168950
Conc: 471.86 ng/ml



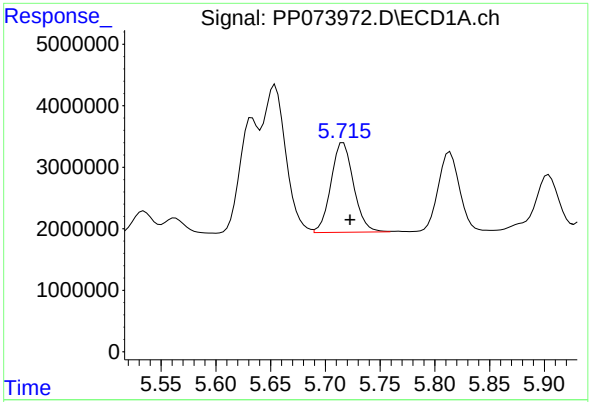
#4 AR-1016-2

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 34790309
Conc: 488.53 ng/ml



#4 AR-1016-2

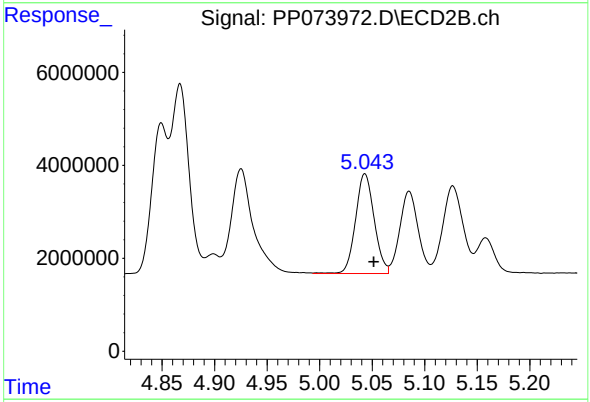
R.T.: 4.867 min
Delta R.T.: -0.008 min
Response: 48789605
Conc: 478.87 ng/ml



#5 AR-1016-3

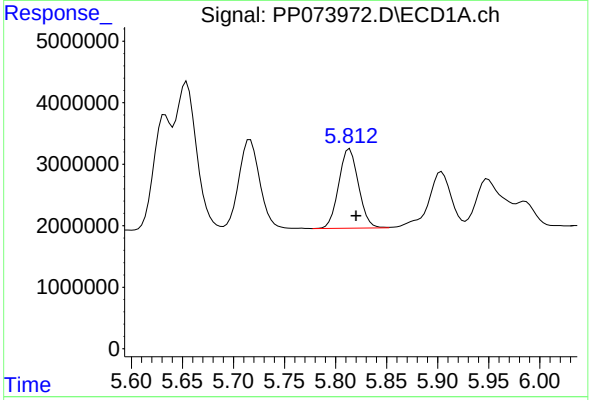
R.T.: 5.716 min
Delta R.T.: -0.006 min
Response: 20940600
Conc: 479.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



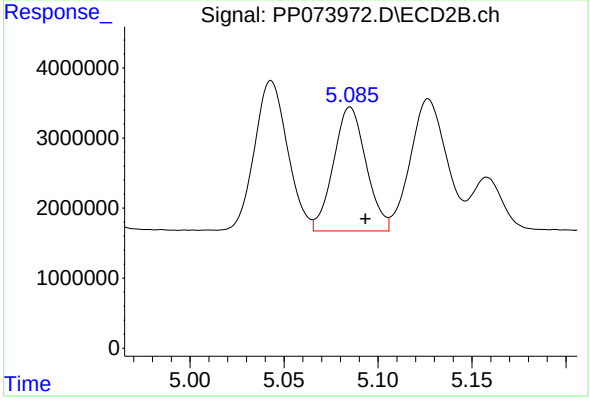
#5 AR-1016-3

R.T.: 5.043 min
Delta R.T.: -0.008 min
Response: 26481602
Conc: 489.44 ng/ml



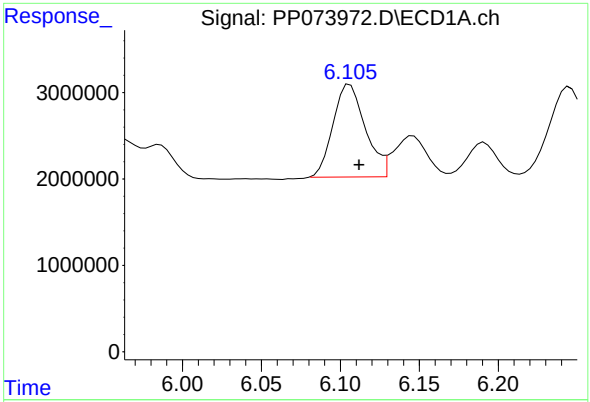
#6 AR-1016-4

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 17377876
Conc: 483.45 ng/ml



#6 AR-1016-4

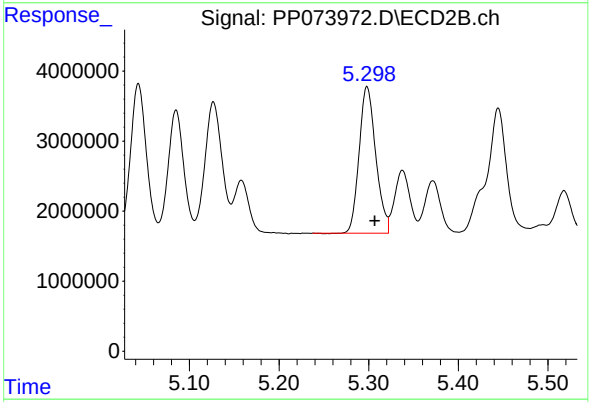
R.T.: 5.085 min
Delta R.T.: -0.008 min
Response: 21407444
Conc: 487.85 ng/ml



#7 AR-1016-5

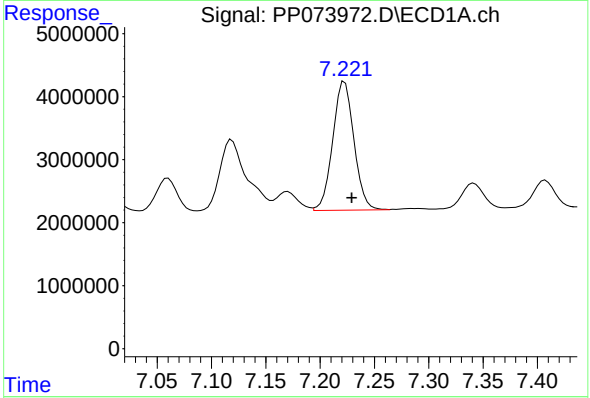
R.T.: 6.106 min
Delta R.T.: -0.006 min
Response: 15292750
Conc: 488.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



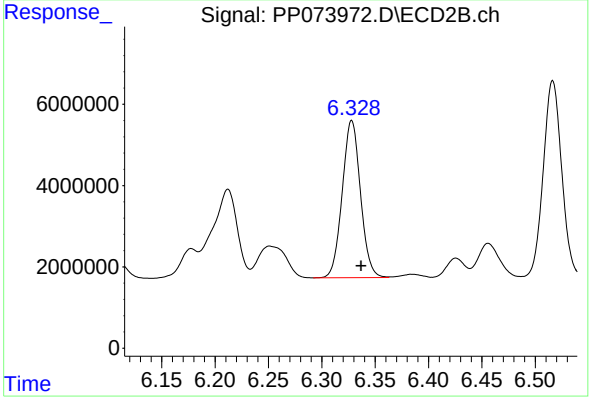
#7 AR-1016-5

R.T.: 5.298 min
Delta R.T.: -0.009 min
Response: 26987830
Conc: 494.44 ng/ml



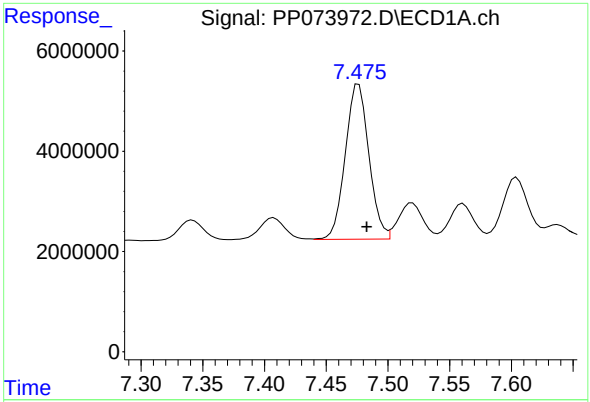
#31 AR-1260-1

R.T.: 7.223 min
Delta R.T.: -0.006 min
Response: 27735757
Conc: 470.41 ng/ml



#31 AR-1260-1

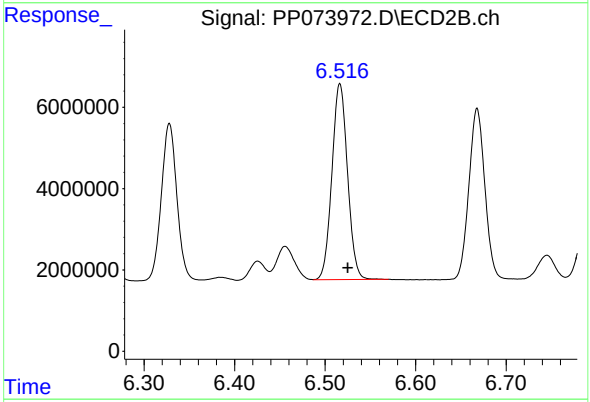
R.T.: 6.328 min
Delta R.T.: -0.009 min
Response: 46051101
Conc: 472.03 ng/ml



#32 AR-1260-2

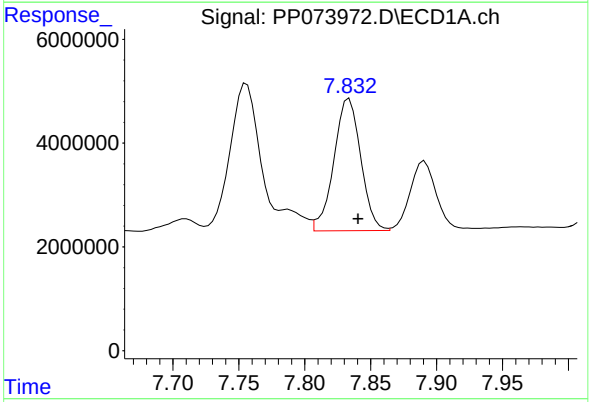
R.T.: 7.476 min
Delta R.T.: -0.006 min
Response: 41192512
Conc: 429.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



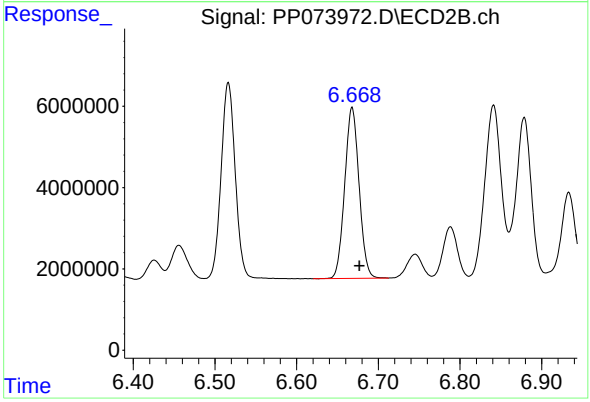
#32 AR-1260-2

R.T.: 6.516 min
Delta R.T.: -0.009 min
Response: 57811705
Conc: 470.64 ng/ml



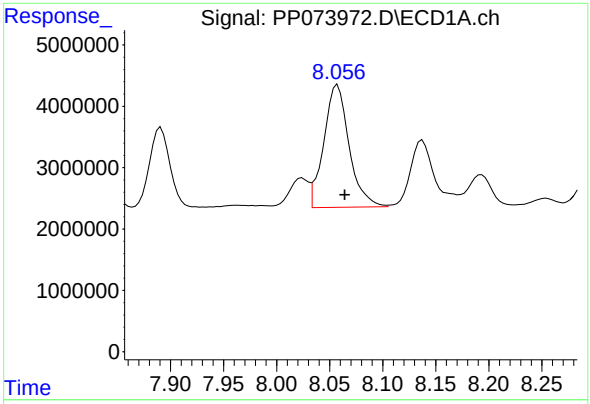
#33 AR-1260-3

R.T.: 7.834 min
Delta R.T.: -0.007 min
Response: 36118391
Conc: 494.29 ng/ml



#33 AR-1260-3

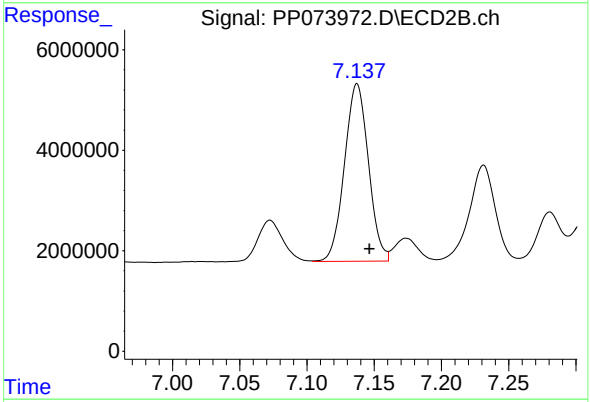
R.T.: 6.668 min
Delta R.T.: -0.009 min
Response: 51395792
Conc: 469.52 ng/ml



#34 AR-1260-4

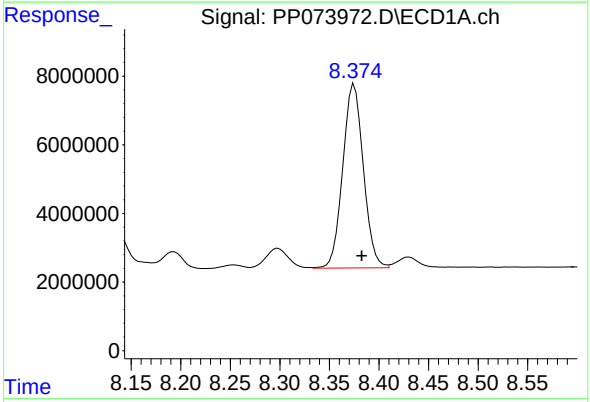
R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 33177678
Conc: 508.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



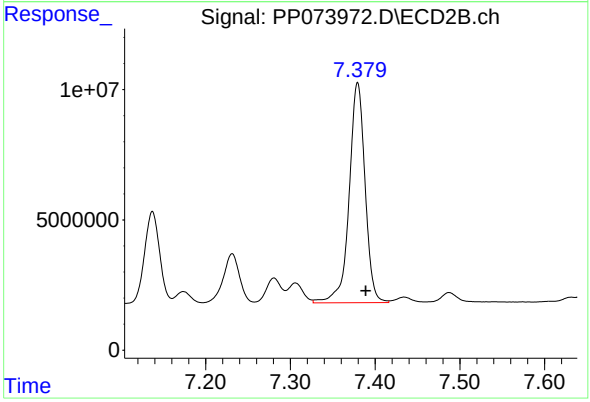
#34 AR-1260-4

R.T.: 7.137 min
Delta R.T.: -0.009 min
Response: 43803186
Conc: 489.92 ng/ml



#35 AR-1260-5

R.T.: 8.375 min
Delta R.T.: -0.008 min
Response: 77401624
Conc: 513.09 ng/ml



#35 AR-1260-5

R.T.: 7.379 min
Delta R.T.: -0.009 min
Response: 110487282
Conc: 491.63 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 15:18 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.63	5.64	5.54	5.74	0.01
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.48	4.49	4.39	4.59	0.01
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 15:18 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.77	3.78	3.68	3.88	0.01
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073987.D **Time Analyzed:** 15:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.634	5.539	5.739	447.980	500.000	-10.4
Aroclor-1016-2	5.655	5.560	5.760	488.950	500.000	-2.2
Aroclor-1016-3	5.717	5.622	5.822	483.620	500.000	-3.3
Aroclor-1016-4	5.815	5.720	5.920	487.720	500.000	-2.5
Aroclor-1016-5	6.107	6.012	6.212	490.820	500.000	-1.8
Aroclor-1260-1	7.223	7.129	7.329	477.040	500.000	-4.6
Aroclor-1260-2	7.477	7.383	7.583	431.310	500.000	-13.7
Aroclor-1260-3	7.835	7.740	7.940	484.320	500.000	-3.1
Aroclor-1260-4	8.058	7.964	8.164	499.440	500.000	-0.1
Aroclor-1260-5	8.376	8.283	8.483	502.480	500.000	0.5
Decachlorobiphenyl	10.168	10.076	10.276	53.680	50.000	7.4
Tetrachloro-m-xylene	4.482	4.388	4.588	50.840	50.000	1.7

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL06 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073987.D **Time Analyzed:** 15:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.851	4.758	4.958	523.290	500.000	4.7
Aroclor-1016-2	4.869	4.775	4.975	525.770	500.000	5.2
Aroclor-1016-3	5.045	4.951	5.151	530.150	500.000	6.0
Aroclor-1016-4	5.086	4.993	5.193	529.020	500.000	5.8
Aroclor-1016-5	5.301	5.207	5.407	537.530	500.000	7.5
Aroclor-1260-1	6.330	6.237	6.437	529.710	500.000	5.9
Aroclor-1260-2	6.519	6.425	6.625	534.970	500.000	7.0
Aroclor-1260-3	6.670	6.577	6.777	517.150	500.000	3.4
Aroclor-1260-4	7.139	7.046	7.246	539.350	500.000	7.9
Aroclor-1260-5	7.382	7.289	7.489	536.370	500.000	7.3
Decachlorobiphenyl	8.772	8.680	8.880	60.720	50.000	21.4
Tetrachloro-m-xylene	3.774	3.678	3.878	53.660	50.000	7.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 97 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:52:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.482	3.774	69631726	98851408	50.844	53.657
2)	SA Decachlor...	10.168	8.772	58562821	80339742	53.676	60.719
	Target Compounds						
3)	L1 AR-1016-1	5.634	4.851	21285031	35674841	447.978	523.285
4)	L1 AR-1016-2	5.655	4.869	34820583	53567329	488.951	525.766
5)	L1 AR-1016-3	5.717	5.045	21116147	28684318	483.616	530.147
6)	L1 AR-1016-4	5.815	5.086	17531206	23214036	487.715	529.024
7)	L1 AR-1016-5	6.107	5.301	15377637	29339780	490.821	537.531
31)	L7 AR-1260-1	7.223	6.330	28126866	51678611	477.040	529.709
32)	L7 AR-1260-2	7.477	6.519	41336288	65714064	431.306	534.967
33)	L7 AR-1260-3	7.835	6.670	35389503	56609708	484.319	517.155
34)	L7 AR-1260-4	8.058	7.139	32613157	48222670	499.437	539.353
35)	L7 AR-1260-5	8.376	7.382	75800503	120.5E6	502.480	536.367

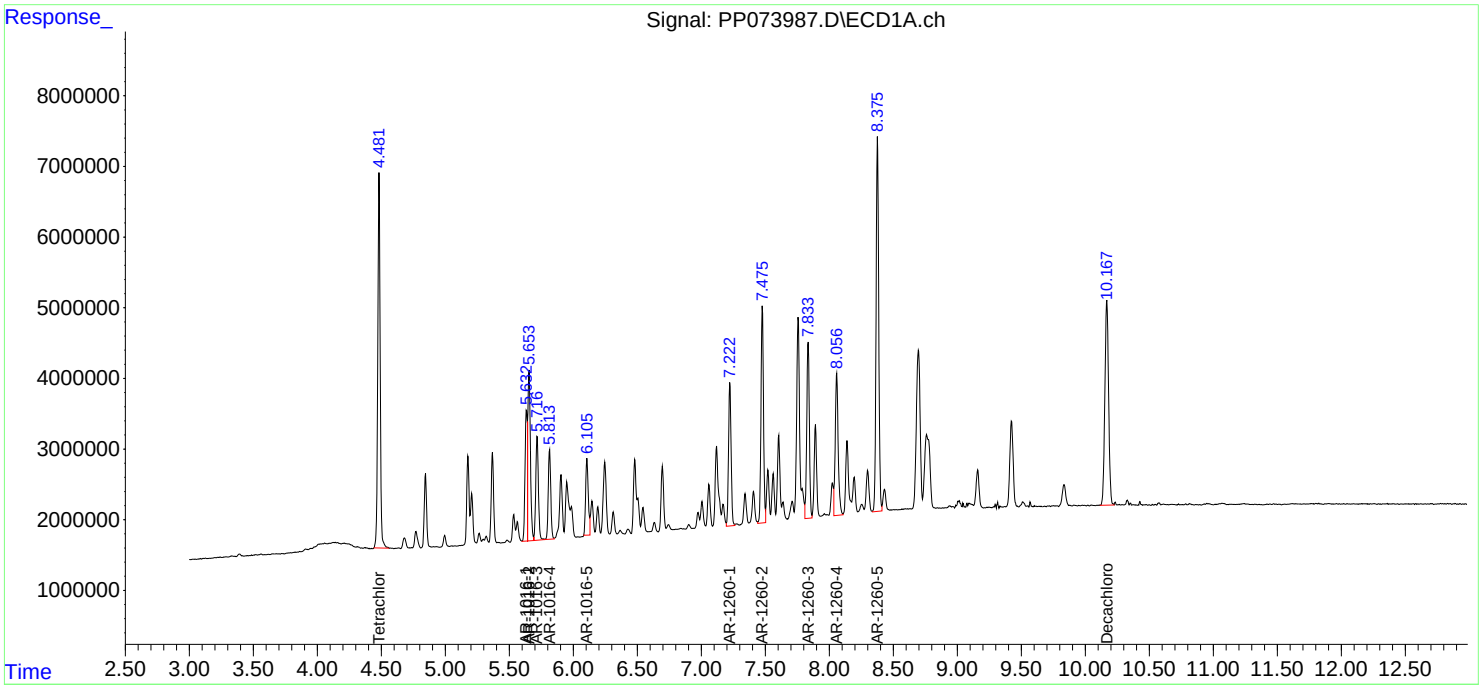
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

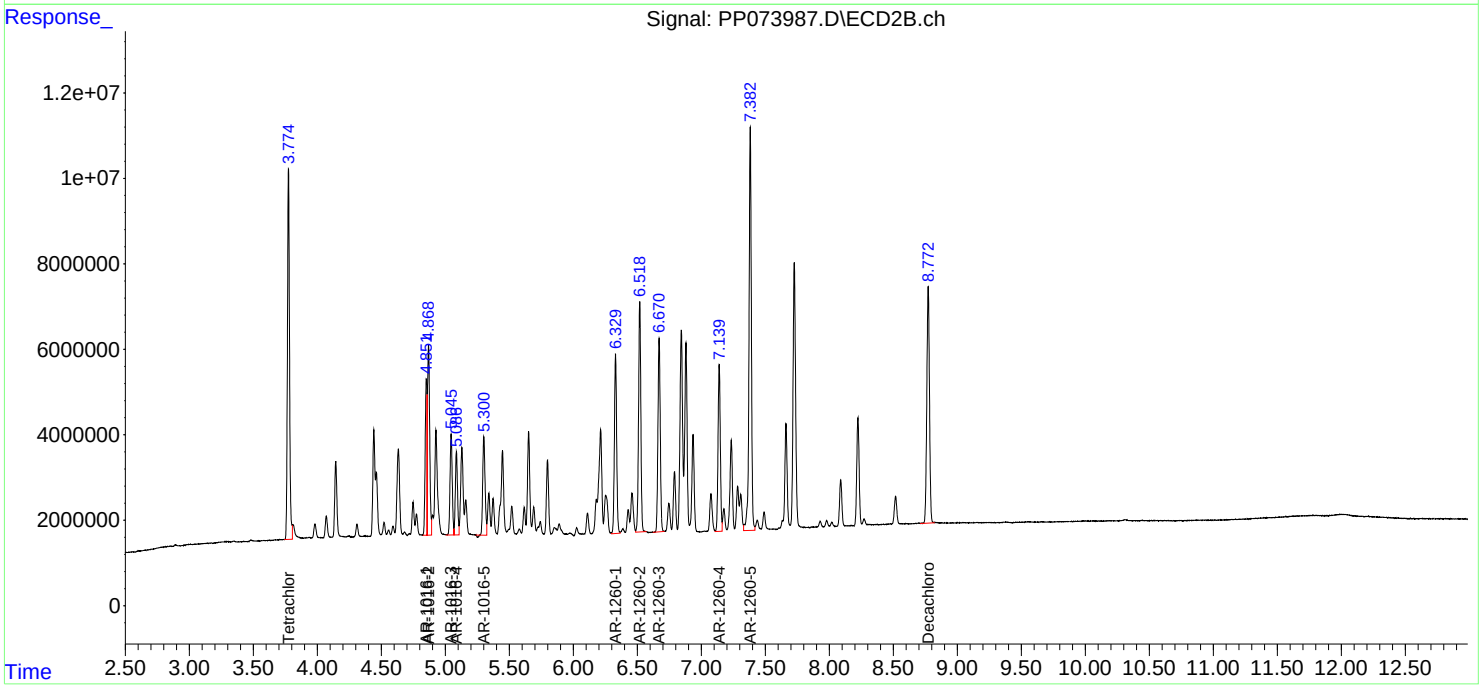
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 97 Sample Multiplier: 1

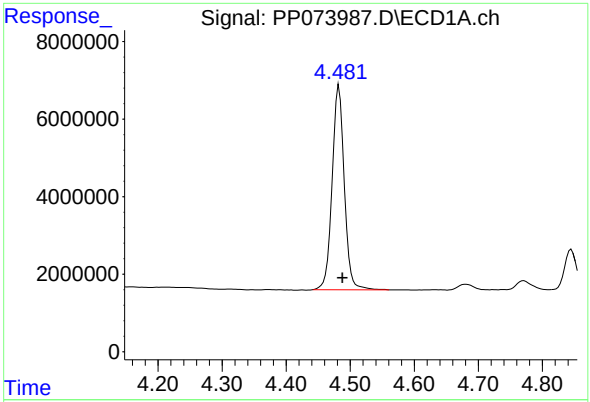
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:52:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



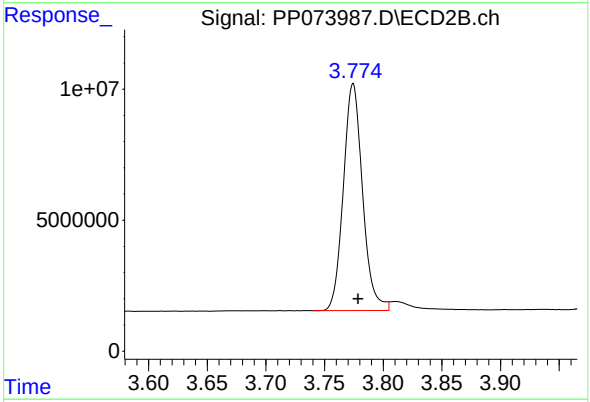




#1 Tetrachloro-m-xylene

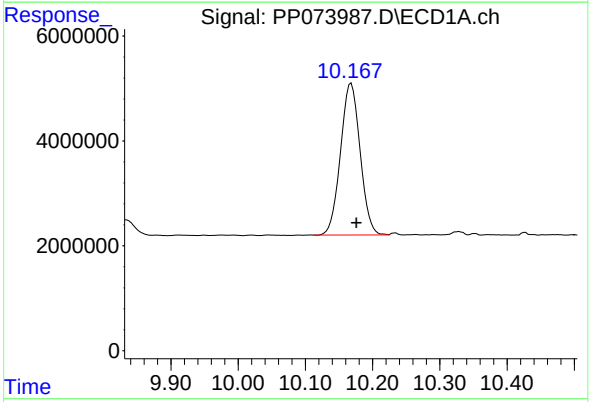
R.T.: 4.482 min
Delta R.T.: -0.006 min
Response: 69631726
Conc: 50.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



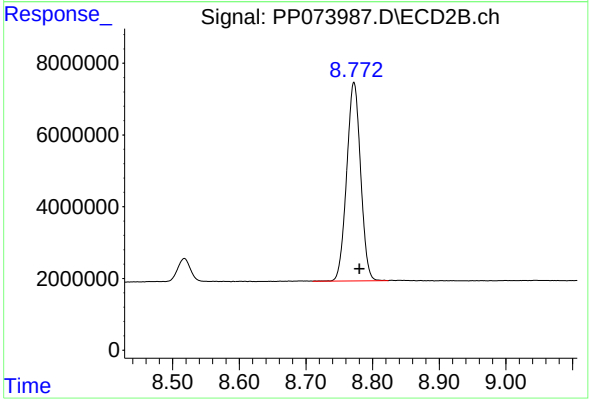
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.004 min
Response: 98851408
Conc: 53.66 ng/ml



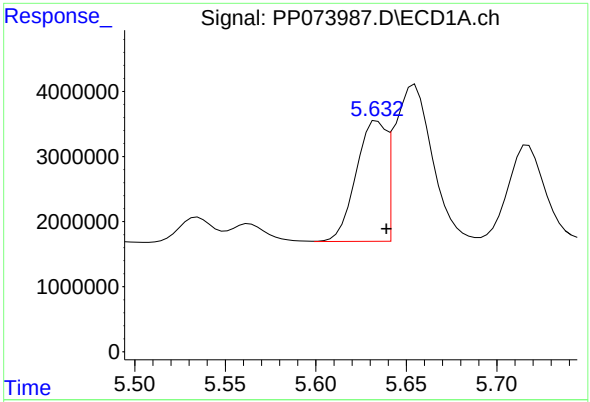
#2 Decachlorobiphenyl

R.T.: 10.168 min
Delta R.T.: -0.008 min
Response: 58562821
Conc: 53.68 ng/ml



#2 Decachlorobiphenyl

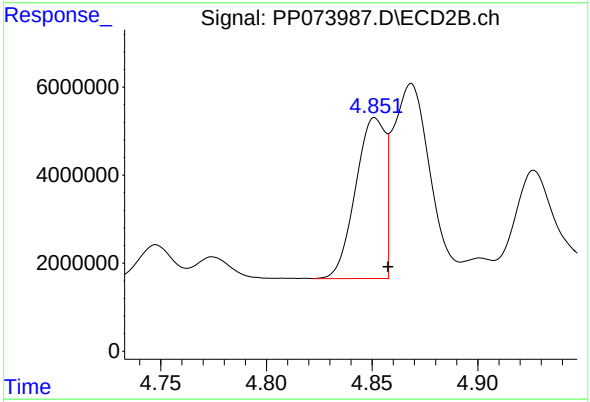
R.T.: 8.772 min
Delta R.T.: -0.008 min
Response: 80339742
Conc: 60.72 ng/ml



#3 AR-1016-1

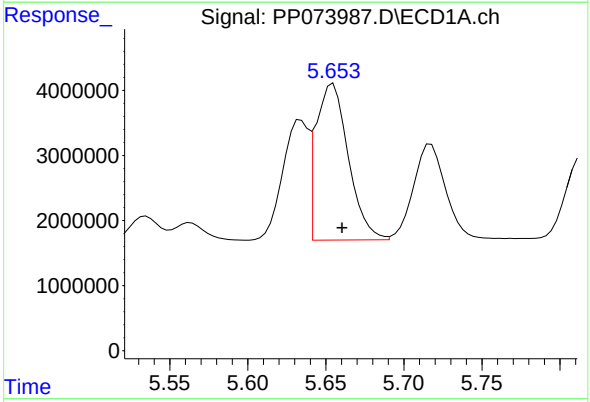
R.T.: 5.634 min
Delta R.T.: -0.005 min
Response: 21285031
Conc: 447.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



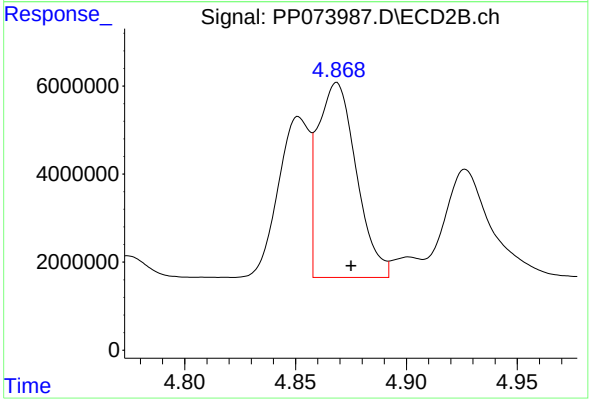
#3 AR-1016-1

R.T.: 4.851 min
Delta R.T.: -0.006 min
Response: 35674841
Conc: 523.29 ng/ml



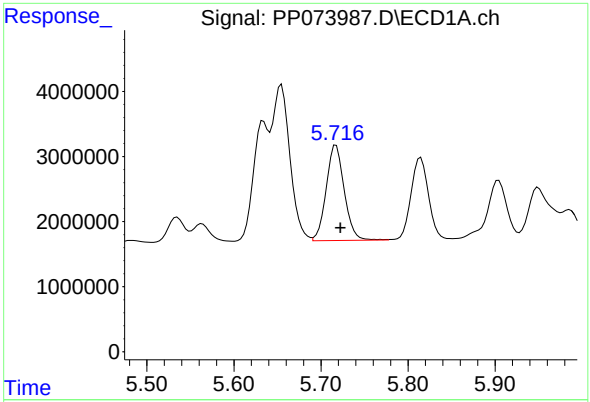
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: -0.006 min
Response: 34820583
Conc: 488.95 ng/ml



#4 AR-1016-2

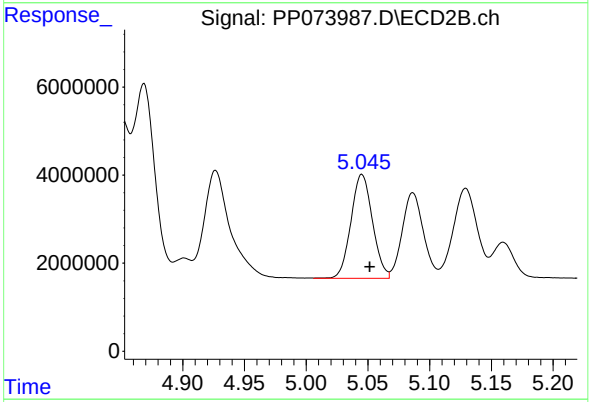
R.T.: 4.869 min
Delta R.T.: -0.006 min
Response: 53567329
Conc: 525.77 ng/ml



#5 AR-1016-3

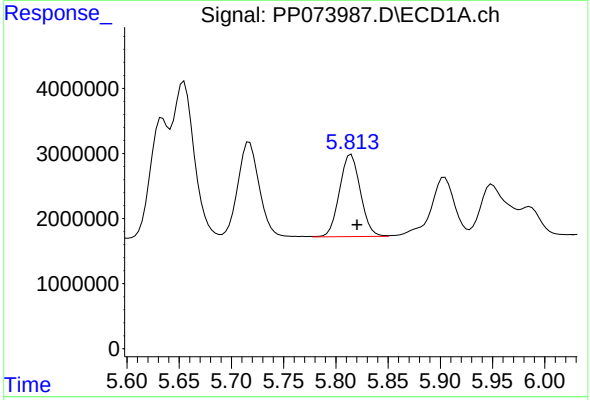
R.T.: 5.717 min
Delta R.T.: -0.005 min
Response: 21116147
Conc: 483.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



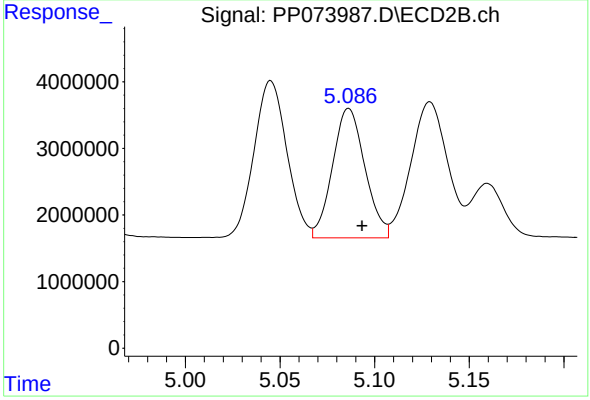
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: -0.006 min
Response: 28684318
Conc: 530.15 ng/ml



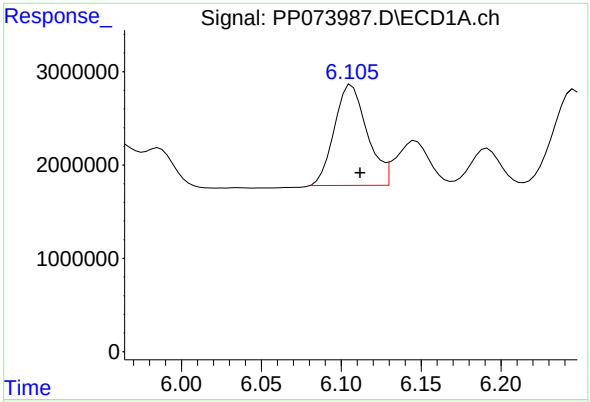
#6 AR-1016-4

R.T.: 5.815 min
Delta R.T.: -0.006 min
Response: 17531206
Conc: 487.72 ng/ml



#6 AR-1016-4

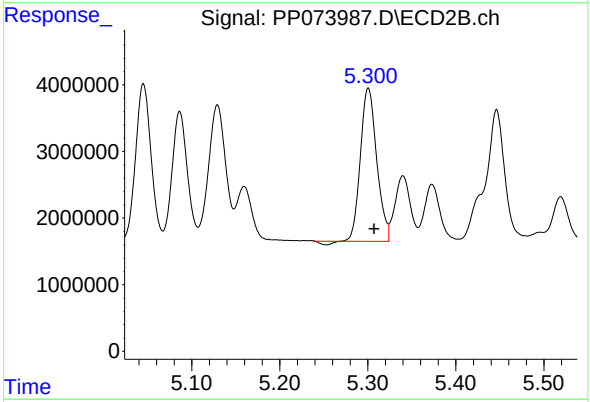
R.T.: 5.086 min
Delta R.T.: -0.007 min
Response: 23214036
Conc: 529.02 ng/ml



#7 AR-1016-5

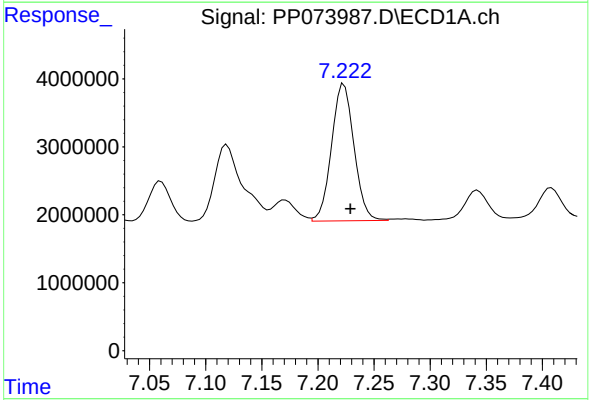
R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 15377637
Conc: 490.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



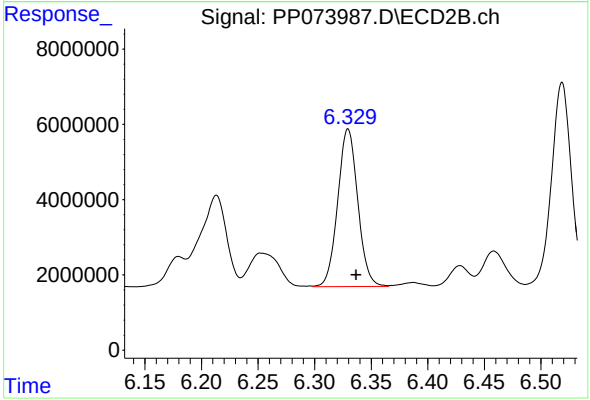
#7 AR-1016-5

R.T.: 5.301 min
Delta R.T.: -0.006 min
Response: 29339780
Conc: 537.53 ng/ml



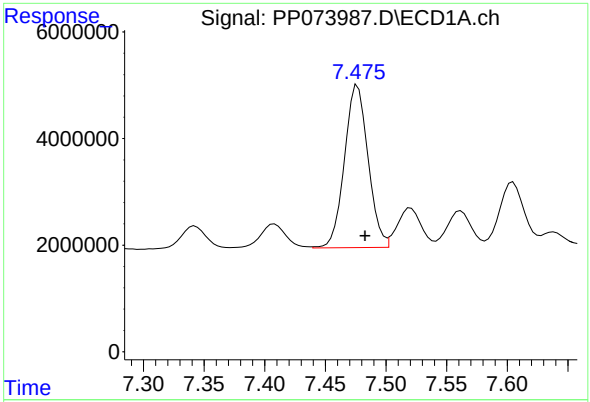
#31 AR-1260-1

R.T.: 7.223 min
Delta R.T.: -0.006 min
Response: 28126866
Conc: 477.04 ng/ml



#31 AR-1260-1

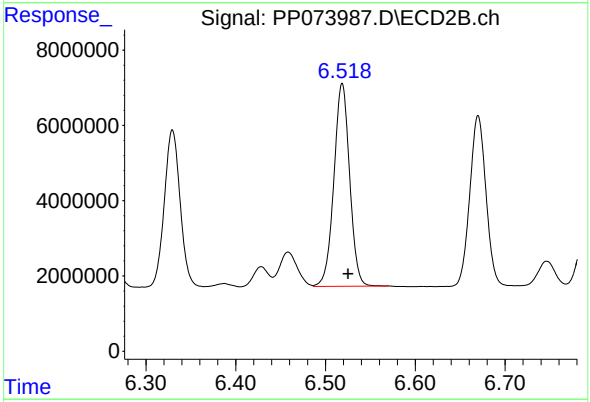
R.T.: 6.330 min
Delta R.T.: -0.007 min
Response: 51678611
Conc: 529.71 ng/ml



#32 AR-1260-2

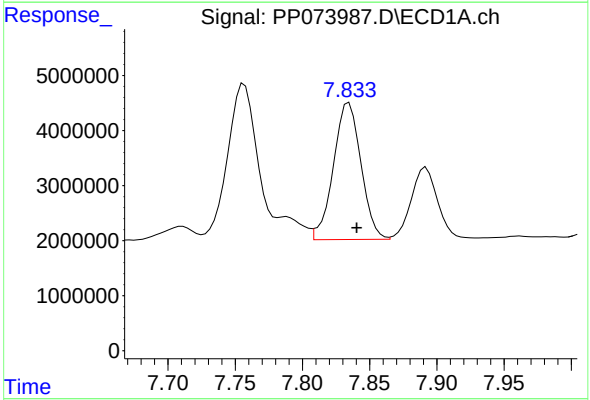
R.T.: 7.477 min
Delta R.T.: -0.006 min
Response: 41336288
Conc: 431.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



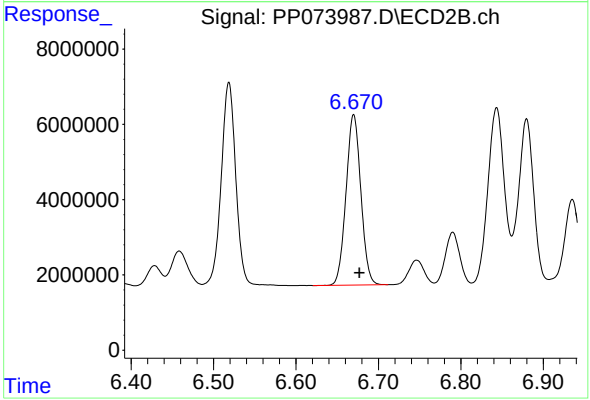
#32 AR-1260-2

R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 65714064
Conc: 534.97 ng/ml



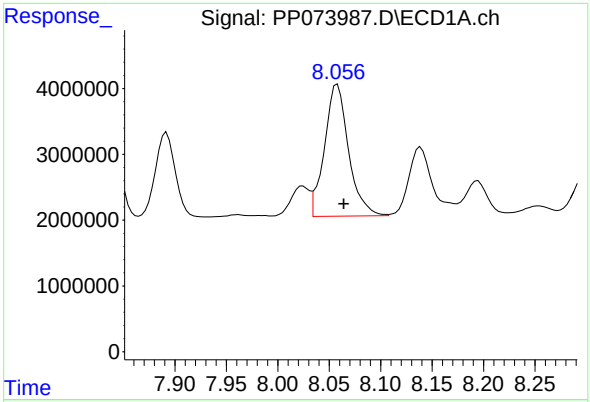
#33 AR-1260-3

R.T.: 7.835 min
Delta R.T.: -0.006 min
Response: 35389503
Conc: 484.32 ng/ml



#33 AR-1260-3

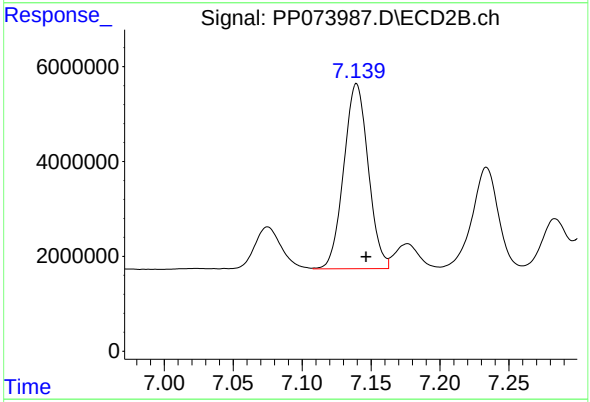
R.T.: 6.670 min
Delta R.T.: -0.007 min
Response: 56609708
Conc: 517.15 ng/ml



#34 AR-1260-4

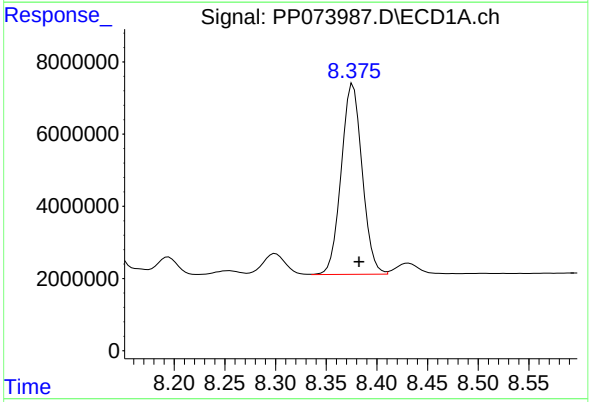
R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 32613157
Conc: 499.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



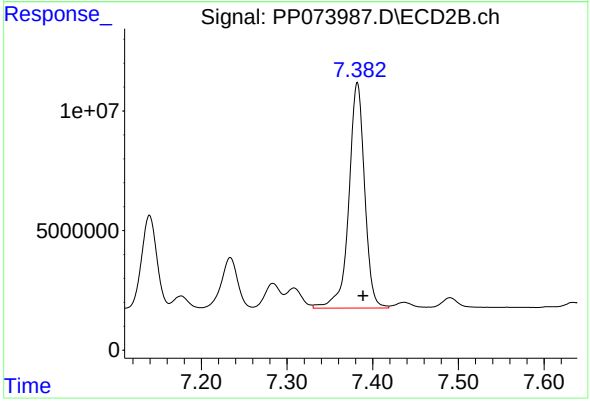
#34 AR-1260-4

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 48222670
Conc: 539.35 ng/ml



#35 AR-1260-5

R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 75800503
Conc: 502.48 ng/ml



#35 AR-1260-5

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 120541218
Conc: 536.37 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 20:12 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.63	5.64	5.54	5.74	0.01
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.22	7.23	7.13	7.33	0.01
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.48	4.49	4.39	4.59	0.01
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

Continuing Calib Date: 07/21/2025 **Initial Calibration Date(s):** 07/07/2025 07/08/2025

Continuing Calib Time: 20:12 **Initial Calibration Time(s):** 21:03 04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.86	4.76	4.96	0.01
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.30	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.77	3.78	3.68	3.88	0.01
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL07 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074002.D **Time Analyzed:** 20:12

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.633	5.539	5.739	417.670	500.000	-16.5
Aroclor-1016-2	5.655	5.560	5.760	441.230	500.000	-11.8
Aroclor-1016-3	5.717	5.622	5.822	440.930	500.000	-11.8
Aroclor-1016-4	5.814	5.720	5.920	447.640	500.000	-10.5
Aroclor-1016-5	6.106	6.012	6.212	447.640	500.000	-10.5
Aroclor-1260-1	7.223	7.129	7.329	436.450	500.000	-12.7
Aroclor-1260-2	7.476	7.383	7.583	388.210	500.000	-22.4
Aroclor-1260-3	7.835	7.740	7.940	446.560	500.000	-10.7
Aroclor-1260-4	8.058	7.964	8.164	457.200	500.000	-8.6
Aroclor-1260-5	8.375	8.283	8.483	463.250	500.000	-7.4
Decachlorobiphenyl	10.167	10.076	10.276	49.370	50.000	-1.3
Tetrachloro-m-xylene	4.482	4.388	4.588	46.140	50.000	-7.7

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TETR06

Lab Code: ACE **SDG NO.:** Q2645

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL07 **Date Analyzed:** 07/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP074002.D **Time Analyzed:** 20:12

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.851	4.758	4.958	493.890	500.000	-1.2
Aroclor-1016-2	4.868	4.775	4.975	499.810	500.000	0.0
Aroclor-1016-3	5.045	4.951	5.151	503.470	500.000	0.7
Aroclor-1016-4	5.086	4.993	5.193	504.400	500.000	0.9
Aroclor-1016-5	5.300	5.207	5.407	538.420	500.000	7.7
Aroclor-1260-1	6.328	6.237	6.437	491.430	500.000	-1.7
Aroclor-1260-2	6.518	6.425	6.625	498.630	500.000	-0.3
Aroclor-1260-3	6.669	6.577	6.777	486.440	500.000	-2.7
Aroclor-1260-4	7.138	7.046	7.246	498.710	500.000	-0.3
Aroclor-1260-5	7.381	7.289	7.489	492.290	500.000	-1.5
Decachlorobiphenyl	8.770	8.680	8.880	55.670	50.000	11.3
Tetrachloro-m-xylene	3.774	3.678	3.878	49.390	50.000	-1.2

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP074002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 20:12
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: Jul 22 02:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.482	3.774	63193426	90988816	46.143	49.389	
2)	SA Decachlor...	10.167	8.770	53862595	73653605	49.368	55.665	
	Target Compounds							
3)	L1 AR-1016-1	5.633	4.851	19845079	33671086	417.672	493.894	
4)	L1 AR-1016-2	5.655	4.868	31421872	50923060	441.226	499.812	
5)	L1 AR-1016-3	5.717	5.045	19252218	27240841	440.927	503.469	
6)	L1 AR-1016-4	5.814	5.086	16090510	22133580	447.635	504.402	
7)	L1 AR-1016-5	6.106	5.300	14024771	29388405	447.641	538.422	
31)	L7 AR-1260-1	7.223	6.328	25733643	47943599	436.450	491.425	
32)	L7 AR-1260-2	7.476	6.518	37205677	61251085	388.207	498.635	#
33)	L7 AR-1260-3	7.835	6.669	32630488	53247386	446.561	486.438	
34)	L7 AR-1260-4	8.058	7.138	29855389	44588741	457.204	498.708	
35)	L7 AR-1260-5	8.375	7.381	69882878	110.6E6	463.252	492.291	

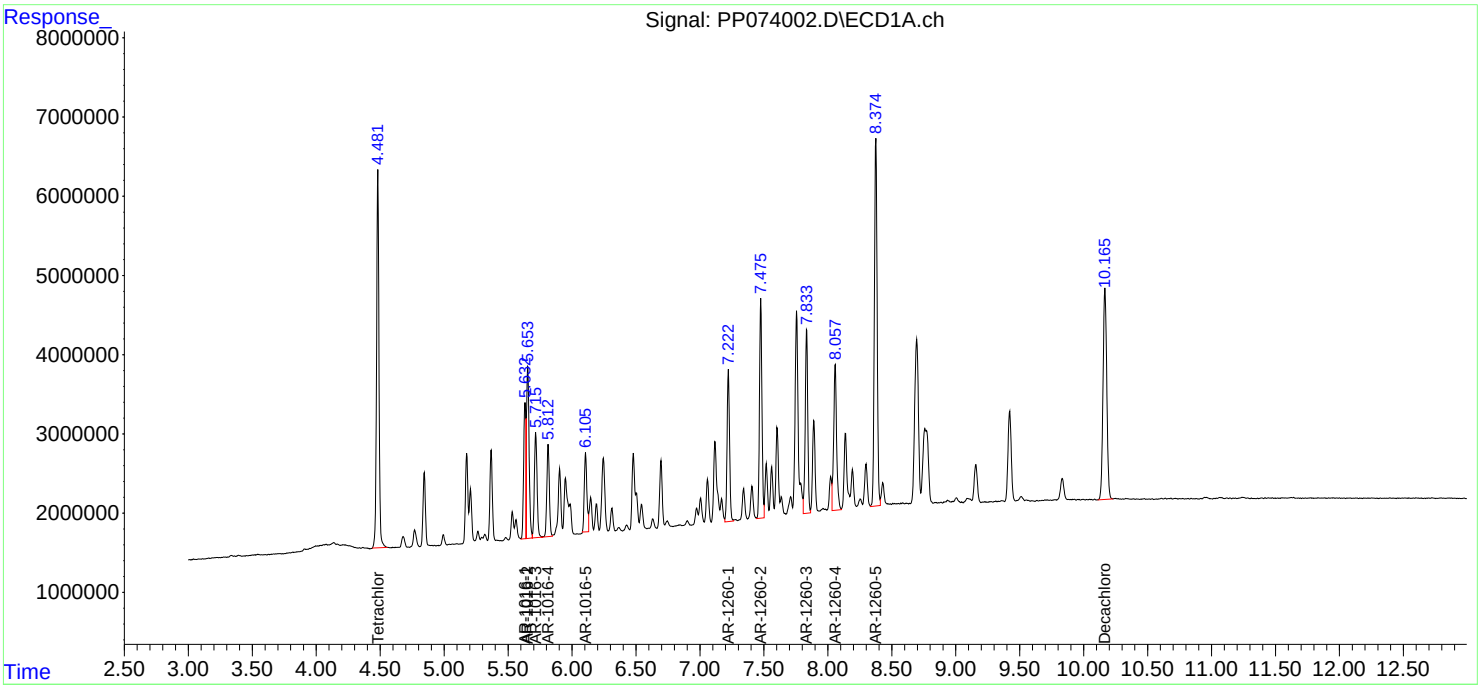
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

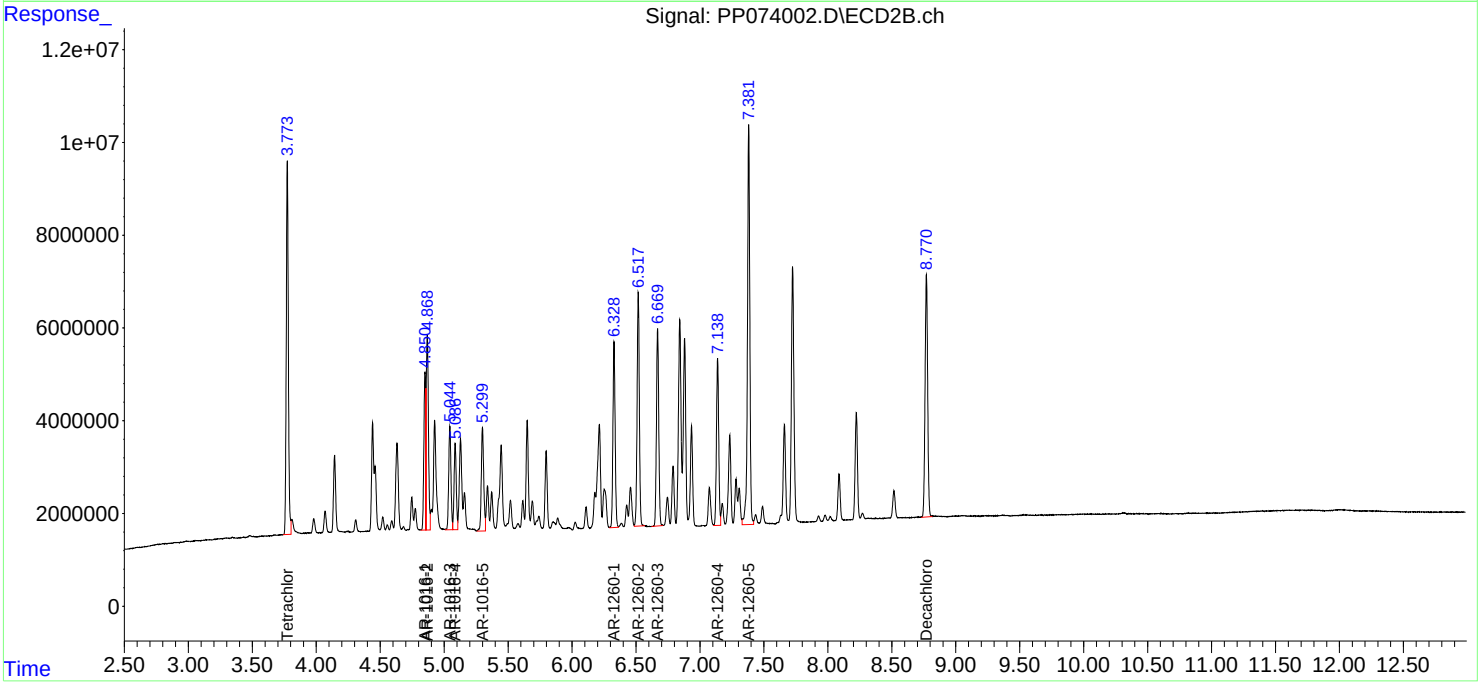
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP074002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 20:12
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

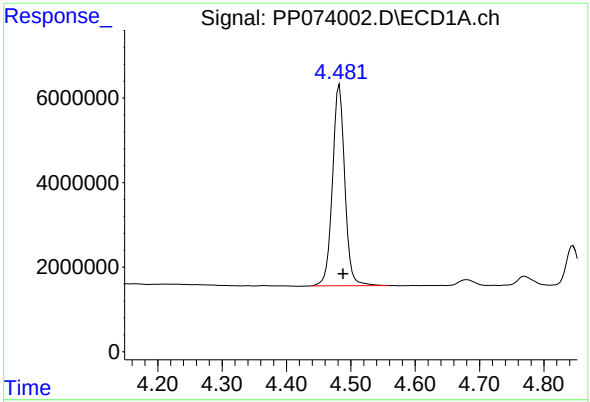
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 02:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



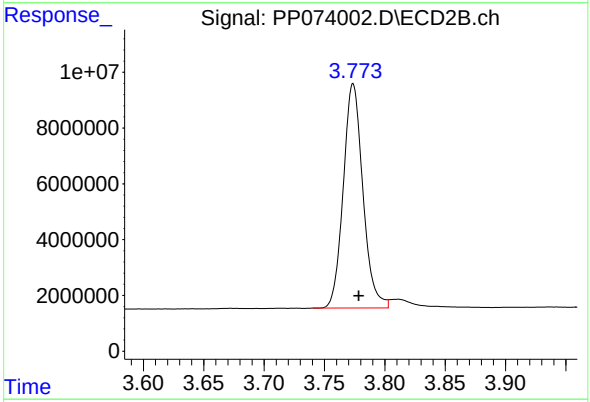




#1 Tetrachloro-m-xylene

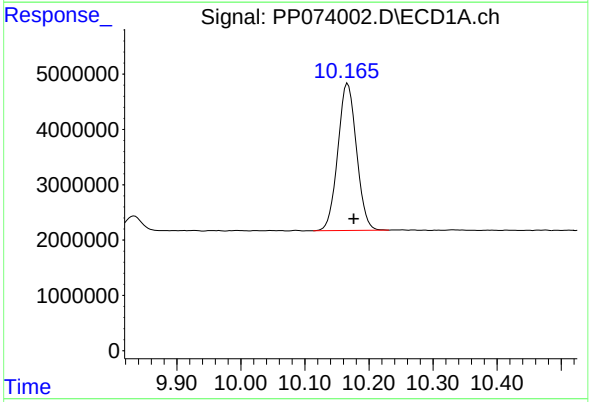
R.T.: 4.482 min
Delta R.T.: -0.006 min
Response: 63193426
Conc: 46.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



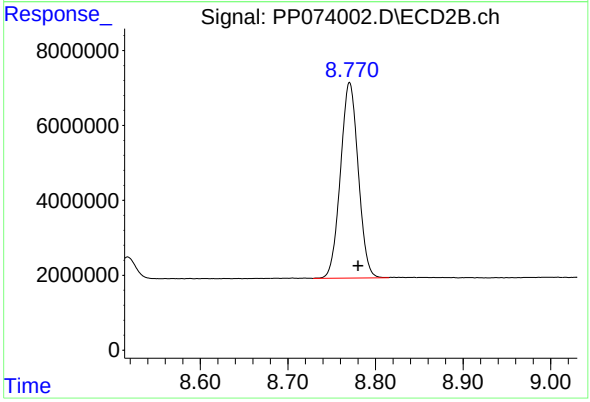
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.005 min
Response: 90988816
Conc: 49.39 ng/ml



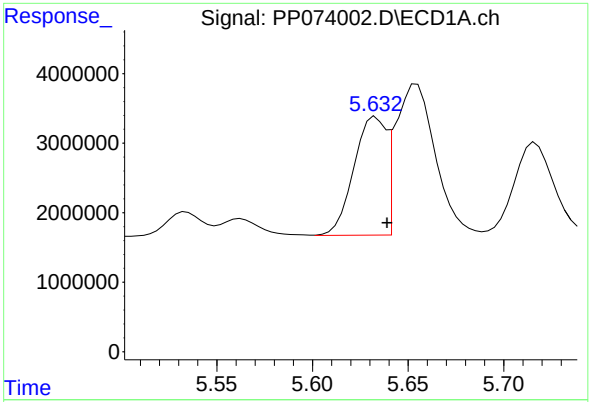
#2 Decachlorobiphenyl

R.T.: 10.167 min
Delta R.T.: -0.009 min
Response: 53862595
Conc: 49.37 ng/ml



#2 Decachlorobiphenyl

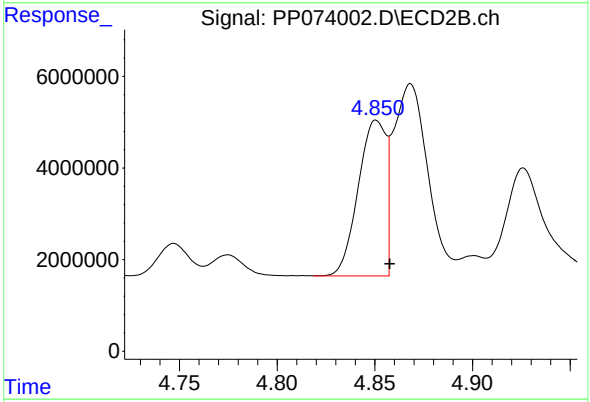
R.T.: 8.770 min
Delta R.T.: -0.010 min
Response: 73653605
Conc: 55.67 ng/ml



#3 AR-1016-1

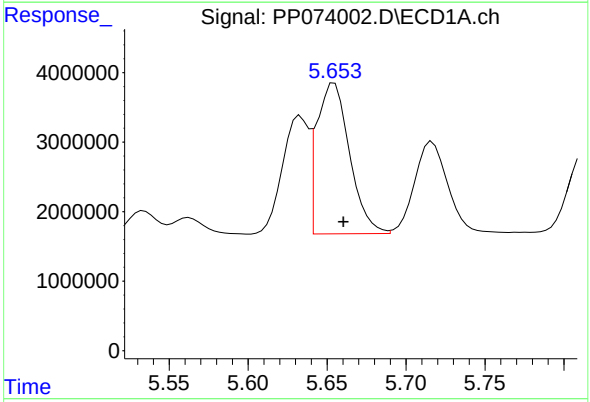
R.T.: 5.633 min
Delta R.T.: -0.006 min
Response: 19845079
Conc: 417.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



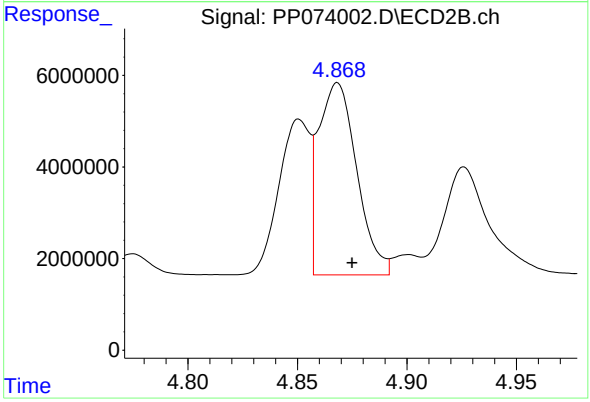
#3 AR-1016-1

R.T.: 4.851 min
Delta R.T.: -0.007 min
Response: 33671086
Conc: 493.89 ng/ml



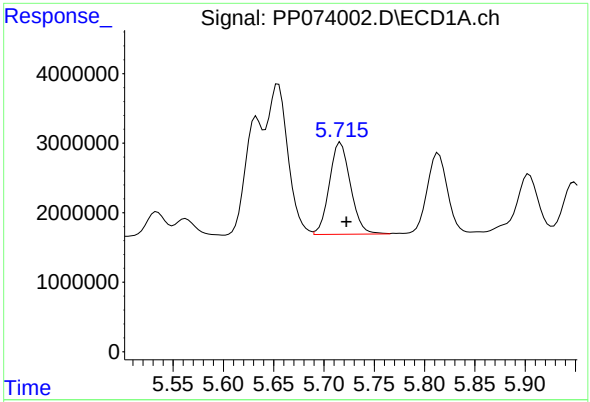
#4 AR-1016-2

R.T.: 5.655 min
Delta R.T.: -0.006 min
Response: 31421872
Conc: 441.23 ng/ml



#4 AR-1016-2

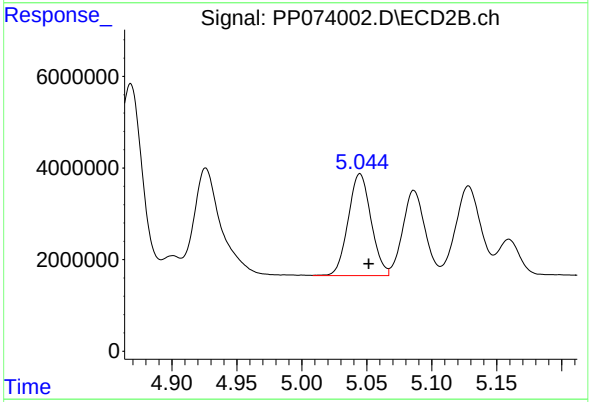
R.T.: 4.868 min
Delta R.T.: -0.007 min
Response: 50923060
Conc: 499.81 ng/ml



#5 AR-1016-3

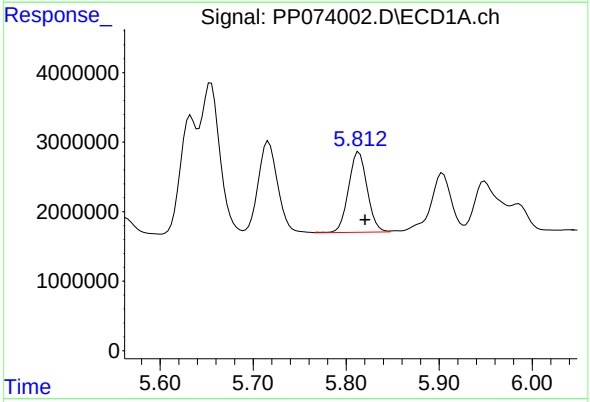
R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 19252218
Conc: 440.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



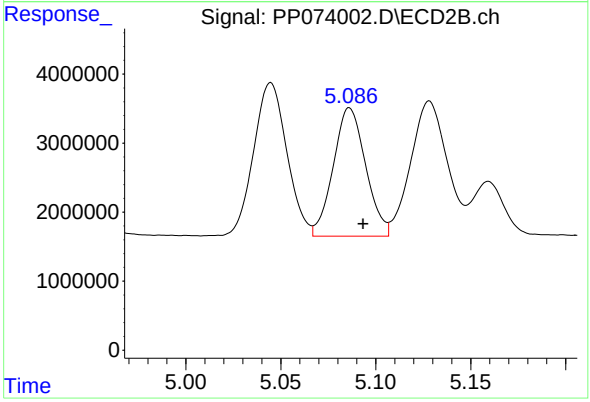
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 27240841
Conc: 503.47 ng/ml



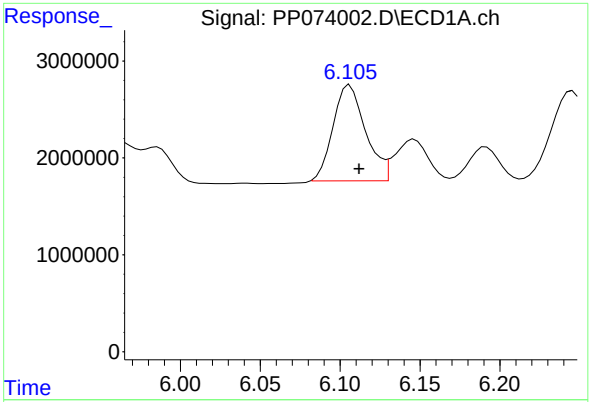
#6 AR-1016-4

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 16090510
Conc: 447.64 ng/ml



#6 AR-1016-4

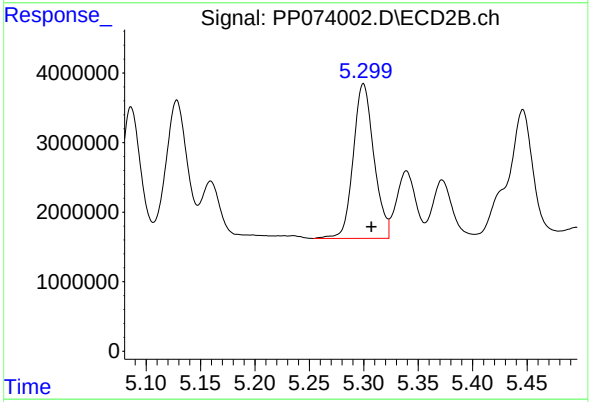
R.T.: 5.086 min
Delta R.T.: -0.007 min
Response: 22133580
Conc: 504.40 ng/ml



#7 AR-1016-5

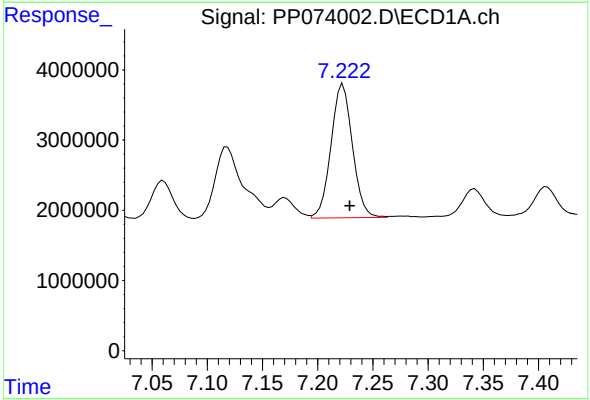
R.T.: 6.106 min
Delta R.T.: -0.006 min
Response: 14024771
Conc: 447.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



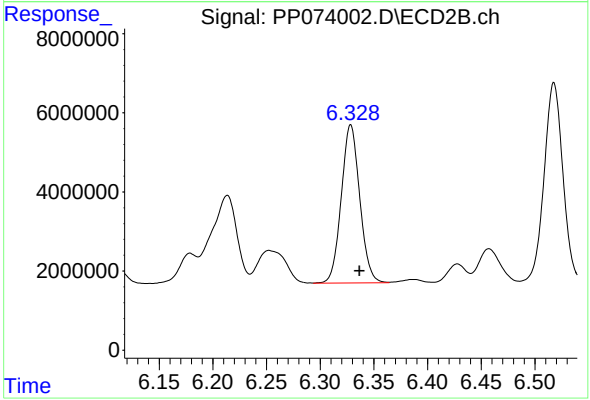
#7 AR-1016-5

R.T.: 5.300 min
Delta R.T.: -0.007 min
Response: 29388405
Conc: 538.42 ng/ml



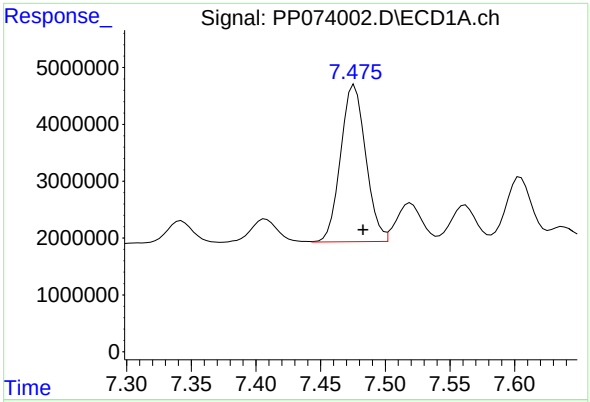
#31 AR-1260-1

R.T.: 7.223 min
Delta R.T.: -0.006 min
Response: 25733643
Conc: 436.45 ng/ml



#31 AR-1260-1

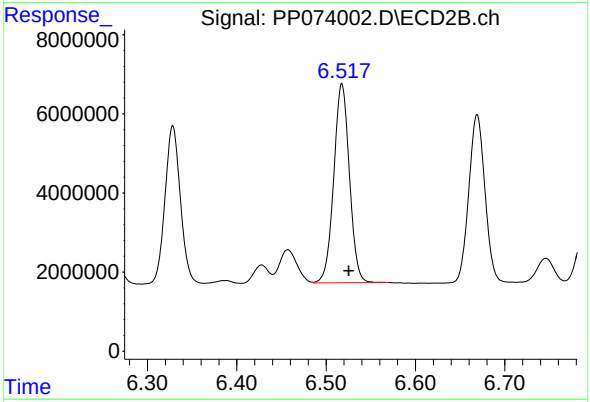
R.T.: 6.328 min
Delta R.T.: -0.008 min
Response: 47943599
Conc: 491.43 ng/ml



#32 AR-1260-2

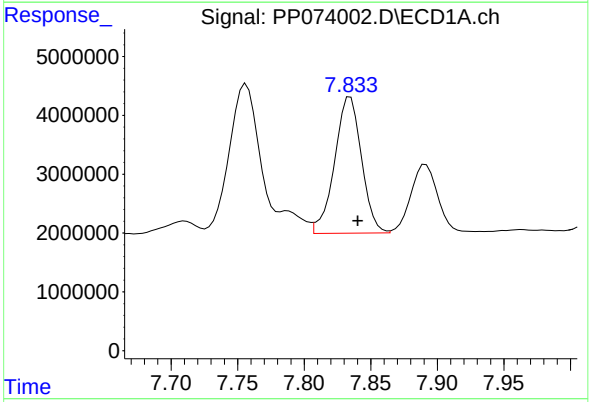
R.T.: 7.476 min
Delta R.T.: -0.006 min
Response: 37205677
Conc: 388.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



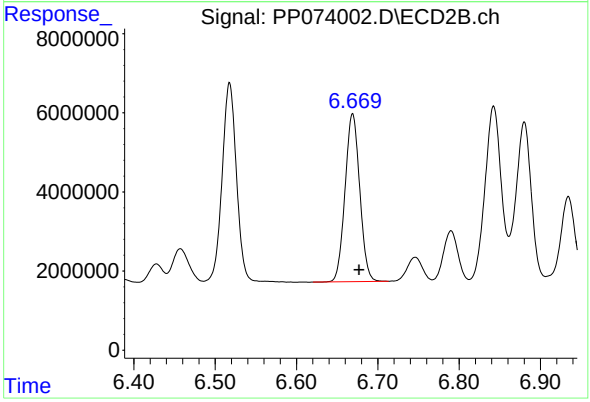
#32 AR-1260-2

R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 61251085
Conc: 498.63 ng/ml



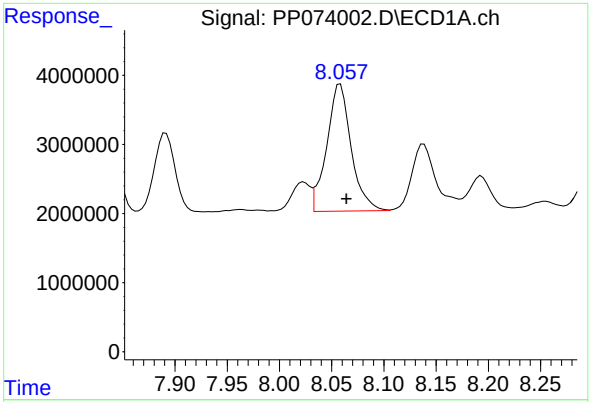
#33 AR-1260-3

R.T.: 7.835 min
Delta R.T.: -0.006 min
Response: 32630488
Conc: 446.56 ng/ml



#33 AR-1260-3

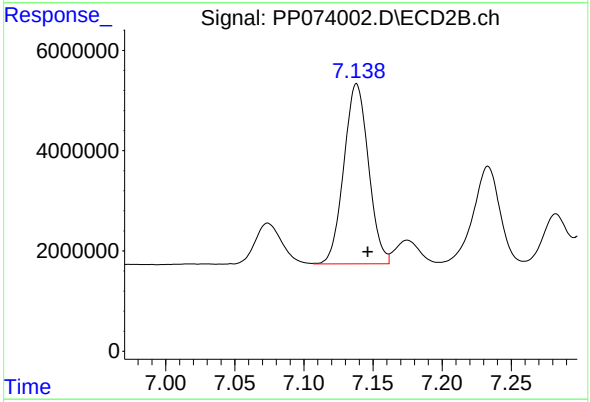
R.T.: 6.669 min
Delta R.T.: -0.008 min
Response: 53247386
Conc: 486.44 ng/ml



#34 AR-1260-4

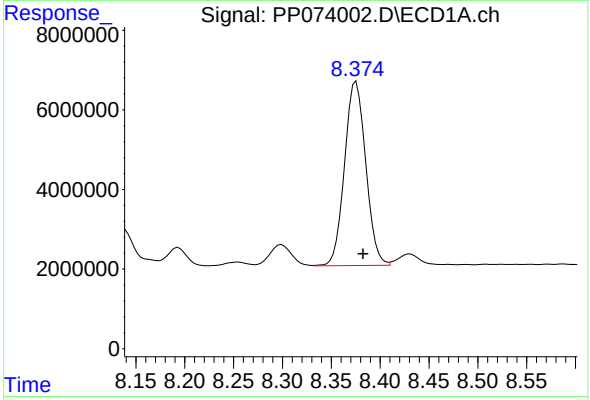
R.T.: 8.058 min
Delta R.T.: -0.006 min
Response: 29855389
Conc: 457.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



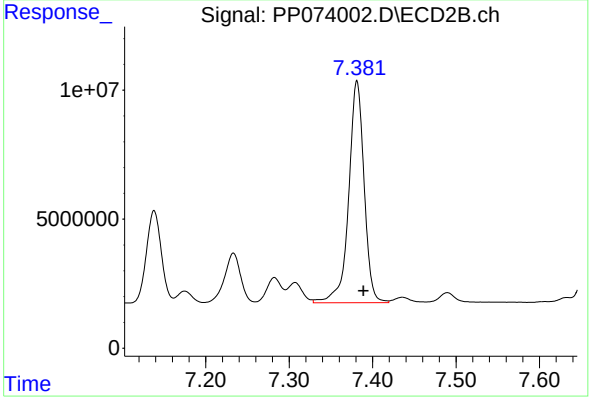
#34 AR-1260-4

R.T.: 7.138 min
Delta R.T.: -0.008 min
Response: 44588741
Conc: 498.71 ng/ml



#35 AR-1260-5

R.T.: 8.375 min
Delta R.T.: -0.007 min
Response: 69882878
Conc: 463.25 ng/ml



#35 AR-1260-5

R.T.: 7.381 min
Delta R.T.: -0.008 min
Response: 110635763
Conc: 492.29 ng/ml

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

Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2645

Project: NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/08/2025 07/08/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/08/2025	13:49	PO112087.D	8.70	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.70	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.70	3.67
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.70	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.70	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.70	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.70	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.70	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.70	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.70	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.70	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.70	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.70	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.70	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.70	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.70	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.70	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.70	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.70	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.70	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/21/2025	10:15	PO112332.D	8.70	3.67
I.BLK	I.BLK	07/21/2025	12:34	PO112336.D	8.70	3.67
RW5B-CARBON-20250716	Q2645-02	07/21/2025	15:16	PO112345.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/21/2025	16:10	PO112346.D	8.70	3.67
I.BLK	I.BLK	07/21/2025	17:38	PO112350.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/22/2025	08:57	PO112366.D	8.70	3.67
I.BLK	I.BLK	07/22/2025	10:08	PO112370.D	8.70	3.67
PB168946BL	PB168946BL	07/22/2025	13:35	PO112375.D	8.70	3.67
PB168946BS	PB168946BS	07/22/2025	13:53	PO112376.D	8.69	3.67
RW5B-CARBON-20250716RX	Q2645-02RX	07/22/2025	14:12	PO112377.D	8.70	3.67
WC-1MS	Q2649-01MS	07/22/2025	14:48	PO112379.D	8.69	3.67
WC-1MSD	Q2649-01MSD	07/22/2025	15:07	PO112380.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/22/2025	16:21	PO112381.D	8.70	3.67

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

Analytical Sequence

I.BLK	I.BLK	07/22/2025	17:32	PO112385.D	8.70	3.67
I.BLK	I.BLK	07/07/2025	20:30	PP073553.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	10.18	4.49
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	10.18	4.49
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	10.18	4.49
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	10.17	4.49
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	10.18	4.49
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	10.17	4.49
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	10.17	4.49
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	10.18	4.49
AR1248ICC750	AR1248ICC750	07/08/2025	00:35	PP073567.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	10.17	4.49
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	10.18	4.49
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	10.17	4.49
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	10.17	4.49
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	10.17	4.49
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/21/2025	08:51	PP073972.D	10.17	4.48
I.BLK	I.BLK	07/21/2025	09:56	PP073976.D	10.17	4.48
RT2286MS	Q2635-01MS	07/21/2025	13:40	PP073984.D	10.17	4.48
RT2286MSD	Q2635-01MSD	07/21/2025	13:56	PP073985.D	10.17	4.49
AR1660CCC500	AR1660CCC500	07/21/2025	15:18	PP073987.D	10.17	4.48
I.BLK	I.BLK	07/21/2025	16:23	PP073991.D	10.17	4.48
PB168927BL	PB168927BL	07/21/2025	16:39	PP073992.D	10.17	4.48
PB168927BS	PB168927BS	07/21/2025	16:56	PP073993.D	10.17	4.49
AR1660CCC500	AR1660CCC500	07/21/2025	20:12	PP074002.D	10.17	4.48
I.BLK	I.BLK	07/21/2025	21:34	PP074006.D	10.16	4.48

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

Analytical Sequence

Client: Tetra Tech NUS, Inc. **SDG No.:** Q2645

Project: NWIRP Bethpage 112G08005-WE13 **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 07/08/2025 07/08/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	07/08/2025	13:49	PO112087.D	8.65	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.65	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.65	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.67	3.68
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.65	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.65	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.65	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.65	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.65	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.65	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.65	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.65	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.65	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.65	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.65	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.65	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.65	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.65	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.65	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.65	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.65	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.65	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.65	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.65	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.65	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.65	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.65	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.65	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/21/2025	10:15	PO112332.D	8.65	3.66
I.BLK	I.BLK	07/21/2025	12:34	PO112336.D	8.65	3.66
RW5B-CARBON-20250716	Q2645-02	07/21/2025	15:16	PO112345.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/21/2025	16:10	PO112346.D	8.65	3.66
I.BLK	I.BLK	07/21/2025	17:38	PO112350.D	8.65	3.66
AR1660CCC500	AR1660CCC500	07/22/2025	08:57	PO112366.D	8.64	3.66
I.BLK	I.BLK	07/22/2025	10:08	PO112370.D	8.64	3.66
PB168946BL	PB168946BL	07/22/2025	13:35	PO112375.D	8.64	3.66
PB168946BS	PB168946BS	07/22/2025	13:53	PO112376.D	8.64	3.66
RW5B-CARBON-20250716RX	Q2645-02RX	07/22/2025	14:12	PO112377.D	8.67	3.66
WC-1MS	Q2649-01MS	07/22/2025	14:48	PO112379.D	8.64	3.66
WC-1MSD	Q2649-01MSD	07/22/2025	15:07	PO112380.D	8.64	3.66
AR1660CCC500	AR1660CCC500	07/22/2025	16:21	PO112381.D	8.64	3.66

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

Analytical Sequence

I.BLK	I.BLK	07/22/2025	17:32	PO112385.D	8.64	3.66
I.BLK	I.BLK	07/07/2025	20:30	PP073553.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	8.78	3.78
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	8.78	3.78
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	8.78	3.78
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	8.78	3.78
AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	8.78	3.78
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	8.78	3.78
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	8.78	3.78
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	8.78	3.78
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	8.78	3.78
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	8.78	3.78
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	8.78	3.78
AR1248ICC750	AR1248ICC750	07/08/2025	00:35	PP073567.D	8.78	3.78
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	8.78	3.78
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	8.78	3.78
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	8.78	3.78
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	8.78	3.78
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	8.78	3.78
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	8.78	3.78
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	8.78	3.78
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	8.78	3.78
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	8.78	3.78
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	8.78	3.78
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	8.78	3.78
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	8.78	3.78
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/21/2025	08:51	PP073972.D	8.77	3.77
I.BLK	I.BLK	07/21/2025	09:56	PP073976.D	8.77	3.77
RT2286MS	Q2635-01MS	07/21/2025	13:40	PP073984.D	8.77	3.77
RT2286MSD	Q2635-01MSD	07/21/2025	13:56	PP073985.D	8.77	3.77
AR1660CCC500	AR1660CCC500	07/21/2025	15:18	PP073987.D	8.77	3.77
I.BLK	I.BLK	07/21/2025	16:23	PP073991.D	8.77	3.77
PB168927BL	PB168927BL	07/21/2025	16:39	PP073992.D	8.77	3.78
PB168927BS	PB168927BS	07/21/2025	16:56	PP073993.D	8.77	3.78
AR1660CCC500	AR1660CCC500	07/21/2025	20:12	PP074002.D	8.77	3.77
I.BLK	I.BLK	07/21/2025	21:34	PP074006.D	8.77	3.77

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168946BS

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2645

Lab Sample ID: PB168946BS Date(s) Analyzed: 07/22/2025 07/22/2025

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

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

Data file PO112376.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.755	4.705	4.805	165		
	2	4.774	4.724	4.824	169		
	3	4.831	4.781	4.881	161		
COLUMN 1	4	4.951	4.901	5.001	166		
	5	5.208	5.158	5.258	156	163	
	1	4.736	4.686	4.786	146		
	2	4.755	4.705	4.805	146		
	3	4.93	4.88	4.98	150		
	4	4.972	4.922	5.022	148		
COLUMN 2	5	5.184	5.134	5.234	146	147	10.32
Aroclor-1260	1	6.244	6.194	6.294	165		
	2	6.434	6.384	6.484	164		
	3	6.8	6.75	6.85	140		
COLUMN 1	4	7.059	7.009	7.109	152		
	5	7.302	7.252	7.352	146	153	
	1	6.213	6.163	6.263	154		
	2	6.401	6.351	6.451	158		
	3	6.552	6.502	6.602	156		
	4	7.022	6.972	7.072	128		
COLUMN 2	5	7.265	7.215	7.315	126	145	5.37

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

WC-1MS

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q2645
Lab Sample ID: Q2649-01MS
Date(s) Analyzed: 07/22/2025 07/22/2025
Instrument ID (1): ECD_O
Instrument ID (2): ECD_O
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PO112379.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.756	4.706	4.806	202		
	2	4.774	4.724	4.824	201		
	3	4.831	4.781	4.881	194		
COLUMN 1	4	4.951	4.901	5.001	201		
	5	5.207	5.157	5.257	187	197	
	1	4.737	4.687	4.787	178		
	2	4.755	4.705	4.805	186		
	3	4.93	4.88	4.98	188		
	4	4.973	4.923	5.023	188		
COLUMN 2	5	5.185	5.135	5.235	179	184	6.82
Aroclor-1260	1	6.245	6.195	6.295	226		
	2	6.434	6.384	6.484	173		
	3	6.801	6.751	6.851	140		
COLUMN 1	4	7.06	7.01	7.11	157		
	5	7.303	7.253	7.353	142	168	
	1	6.214	6.164	6.264	194		
	2	6.402	6.352	6.452	173		
	3	6.553	6.503	6.603	174		
	4	7.023	6.973	7.073	141		
COLUMN 2	5	7.265	7.215	7.315	138	164	2.41

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

WC-1MSD

Lab Name: Alliance | Contract: TETR06

Lab Code: ACE | SDG NO.: Q2645

Lab Sample ID: Q2649-01MSD | Date(s) Analyzed: 07/22/2025 07/22/2025

Instrument ID (1): ECD_O | Instrument ID (2): ECD_O

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

Data file PO112380.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.756	4.706	4.806	168		
	2	4.774	4.724	4.824	164		
	3	4.832	4.782	4.882	158		
COLUMN 1	4	4.951	4.901	5.001	164		
	5	5.207	5.157	5.257	155	161	
	1	4.737	4.687	4.787	157		
	2	4.756	4.706	4.806	145		
	3	4.931	4.881	4.981	154		
	4	4.973	4.923	5.023	153		
COLUMN 2	5	5.185	5.135	5.235	153	152	5.75
Aroclor-1260	1	6.245	6.195	6.295	209		
	2	6.434	6.384	6.484	152		
	3	6.8	6.75	6.85	127		
COLUMN 1	4	7.06	7.01	7.11	149		
	5	7.303	7.253	7.353	137	155	
	1	6.214	6.164	6.264	178		
	2	6.402	6.352	6.452	155		
	3	6.553	6.503	6.603	157		
	4	7.023	6.973	7.073	126		
COLUMN 2	5	7.265	7.215	7.315	130	149	3.95

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RT2286MS

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q2645
Lab Sample ID: Q2635-01MS
Date(s) Analyzed: 07/21/2025 07/21/2025
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 PP073984.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.633	5.583	5.683	156		
	2	5.654	5.604	5.704	164		
	3	5.716	5.666	5.766	164		
COLUMN 1	4	5.813	5.763	5.863	177		
	5	6.107	6.057	6.157	222	177	
	1	4.849	4.799	4.899	170		
	2	4.867	4.817	4.917	168		
	3	5.043	4.993	5.093	176		
	4	5.085	5.035	5.135	176		
COLUMN 2	5	5.298	5.248	5.348	179	174	1.71
Aroclor-1260	1	7.222	7.172	7.272	231		
	2	7.476	7.426	7.526	204		
	3	7.834	7.784	7.884	203		
COLUMN 1	4	8.058	8.008	8.108	222		
	5	8.375	8.325	8.425	209	214	
	1	6.328	6.278	6.378	222		
	2	6.517	6.467	6.567	213		
	3	6.668	6.618	6.718	216		
	4	7.137	7.087	7.187	207		
COLUMN 2	5	7.38	7.33	7.43	205	212	0.94

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

RT2286MSD

Lab Name: Alliance Contract: TETR06

Lab Code: ACE SDG NO.: Q2645

Lab Sample ID: Q2635-01MSD Date(s) Analyzed: 07/21/2025 07/21/2025

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 PP073985.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.636	5.586	5.686	155		
	2	5.657	5.607	5.707	166		
	3	5.719	5.669	5.769	164		
COLUMN 1	4	5.816	5.766	5.866	176		
	5	6.11	6.06	6.16	223	177	
	1	4.851	4.801	4.901	170		
	2	4.869	4.819	4.919	169		
	3	5.045	4.995	5.095	176		
	4	5.087	5.037	5.137	177		
COLUMN 2	5	5.3	5.25	5.35	177	174	1.71
Aroclor-1260	1	7.224	7.174	7.274	211		
	2	7.478	7.428	7.528	194		
	3	7.837	7.787	7.887	203		
COLUMN 1	4	8.059	8.009	8.109	233		
	5	8.378	8.328	8.428	211	210	
	1	6.33	6.28	6.38	221		
	2	6.518	6.468	6.568	210		
	3	6.67	6.62	6.72	213		
	4	7.139	7.089	7.189	203		
COLUMN 2	5	7.383	7.333	7.433	204	211	0.48

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168927BS

Lab Name: Alliance
Contract: TETR06
Lab Code: ACE
SDG NO.: Q2645
Lab Sample ID: PB168927BS
Date(s) Analyzed: 07/21/2025 07/21/2025
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 PP073993.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.637	5.587	5.687	131		
	2	5.658	5.608	5.708	142		
	3	5.72	5.67	5.77	140		
COLUMN 1	4	5.817	5.767	5.867	141		
	5	6.109	6.059	6.159	142	139	
	1	4.852	4.802	4.902	151		
	2	4.87	4.82	4.92	153		
	3	5.047	4.997	5.097	155		
	4	5.089	5.039	5.139	153		
COLUMN 2	5	5.301	5.251	5.351	154	153	9.59
Aroclor-1260	1	7.226	7.176	7.276	147		
	2	7.479	7.429	7.529	131		
	3	7.837	7.787	7.887	124		
COLUMN 1	4	8.06	8.01	8.11	138		
	5	8.378	8.328	8.428	134	135	
	1	6.33	6.28	6.38	159		
	2	6.519	6.469	6.569	158		
	3	6.671	6.621	6.721	160		
	4	7.139	7.089	7.189	147		
COLUMN 2	5	7.383	7.333	7.433	145	154	13.15

QC SAMPLE DATA

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168927BL	SDG No.:	Q2645
Lab Sample ID:	PB168927BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073992.D	1	07/21/25 08:30	07/21/25 16:39	PB168927

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	18.9		44 - 130		94%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		60 - 125		109%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:39
Operator : YP\AJ
Sample : PB168927BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168927BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 02:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.482	3.775	23731935	34783449	17.329	18.881
2)	SA Decachlor...	10.168	8.771	20402079	28960366	18.699	21.887
	Target Compounds						

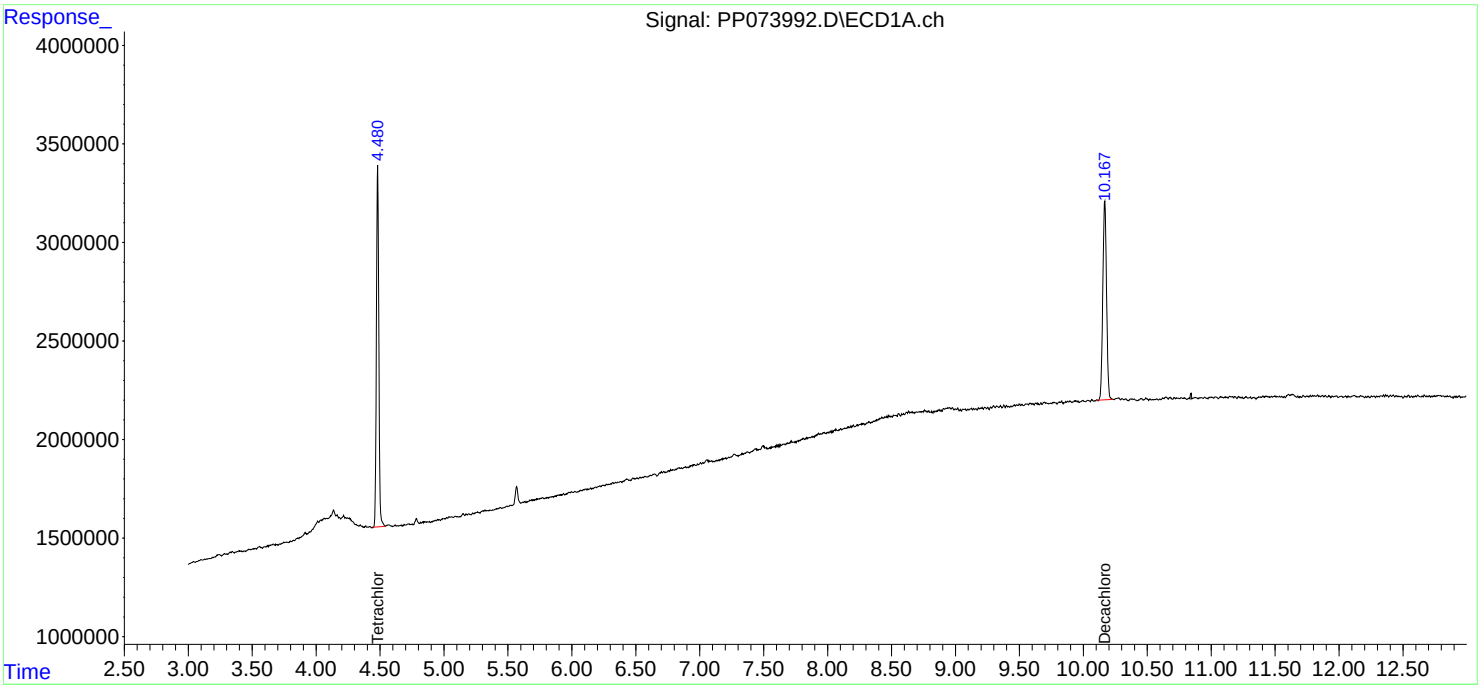
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

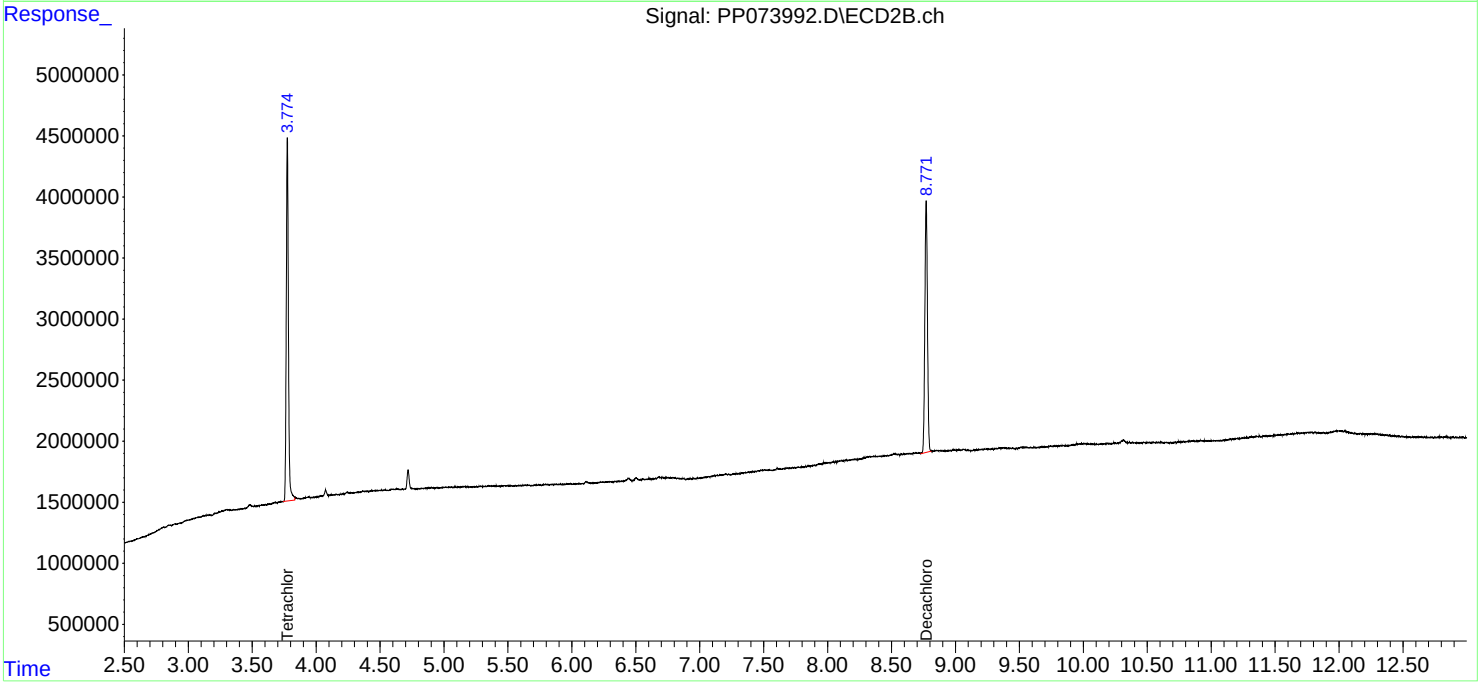
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:39
Operator : YP\AJ
Sample : PB168927BL
Misc :
ALS Vial : 17 Sample Multiplier: 1

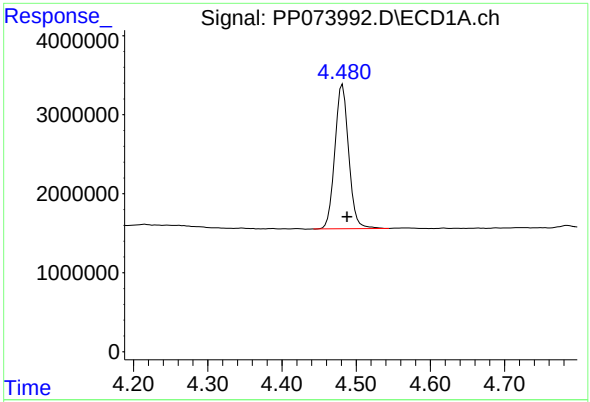
Instrument :
ECD_P
ClientSampleId :
PB168927BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 02:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



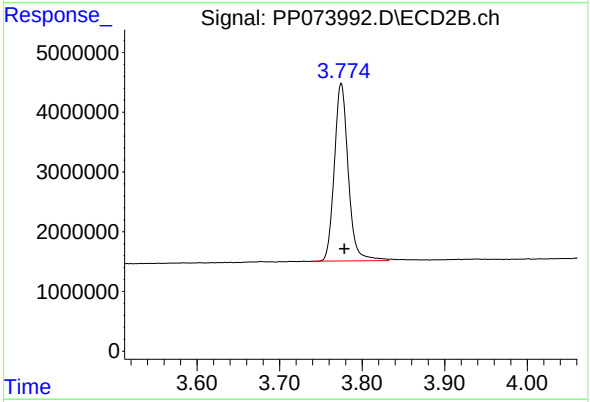




#1 Tetrachloro-m-xylene

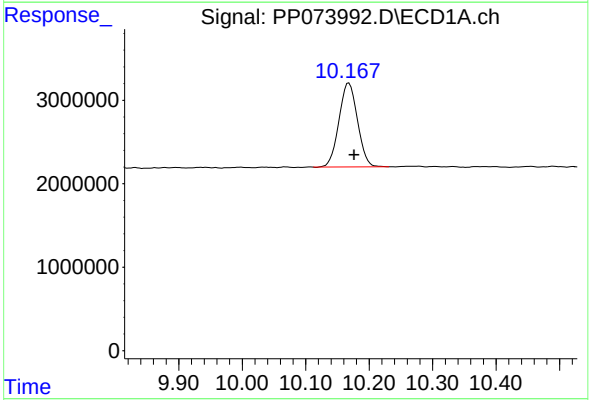
R.T.: 4.482 min
Delta R.T.: -0.006 min
Response: 23731935
Conc: 17.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BL



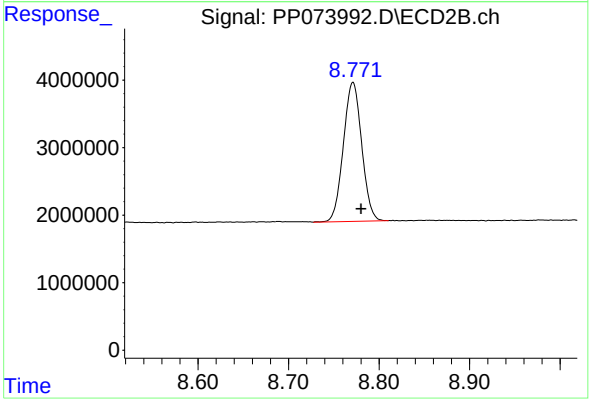
#1 Tetrachloro-m-xylene

R.T.: 3.775 min
Delta R.T.: -0.004 min
Response: 34783449
Conc: 18.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.168 min
Delta R.T.: -0.008 min
Response: 20402079
Conc: 18.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.009 min
Response: 28960366
Conc: 21.89 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168946BL	SDG No.:	Q2645
Lab Sample ID:	PB168946BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112375.D	1	07/22/25 09:40	07/22/25 13:35	PB168946

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	20.9		44 - 130		104%	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_O\Data\PO072225\
Data File : PO112375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:35
Operator : YP/AJ
Sample : PB168946BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168946BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:48:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.660	206.6E6	116.0E6	20.882	18.200
2)	SA Decachlor...	8.697	8.642	134.2E6	32632374	19.621	18.934
	Target Compounds						

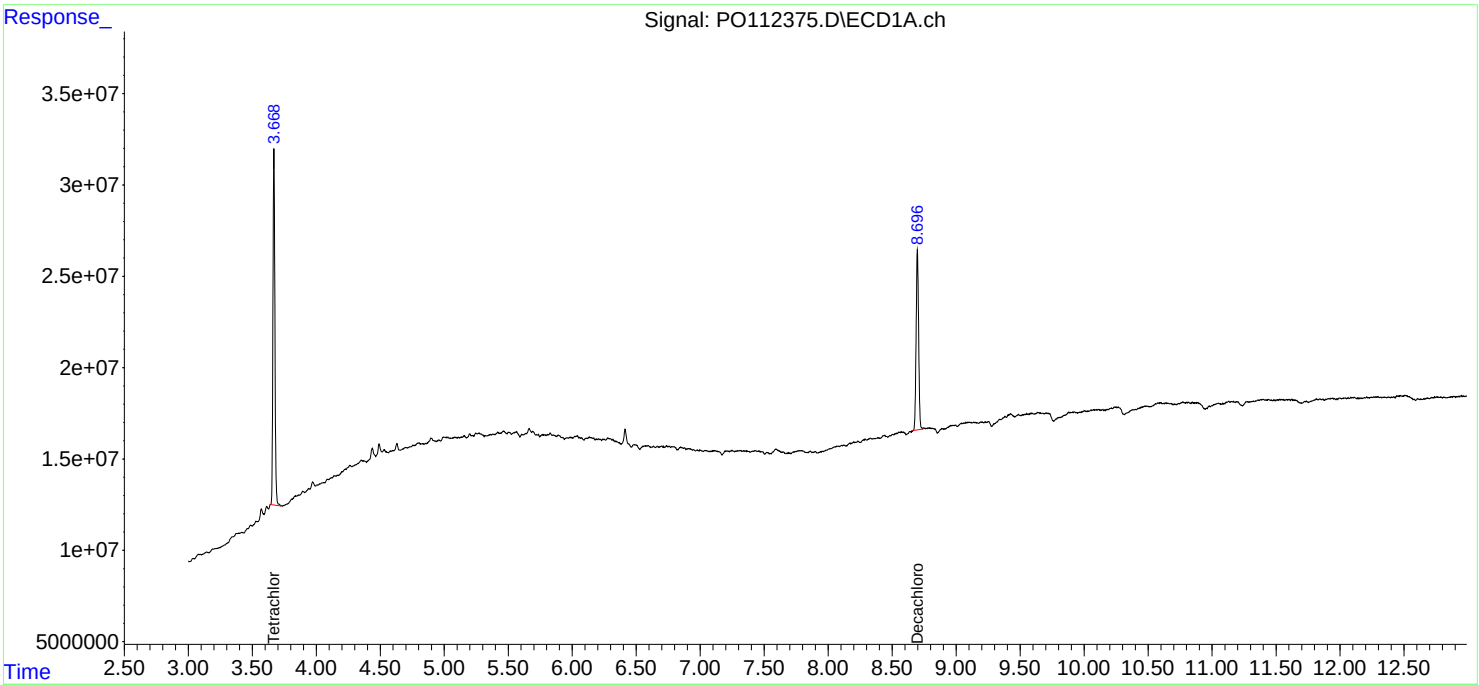
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

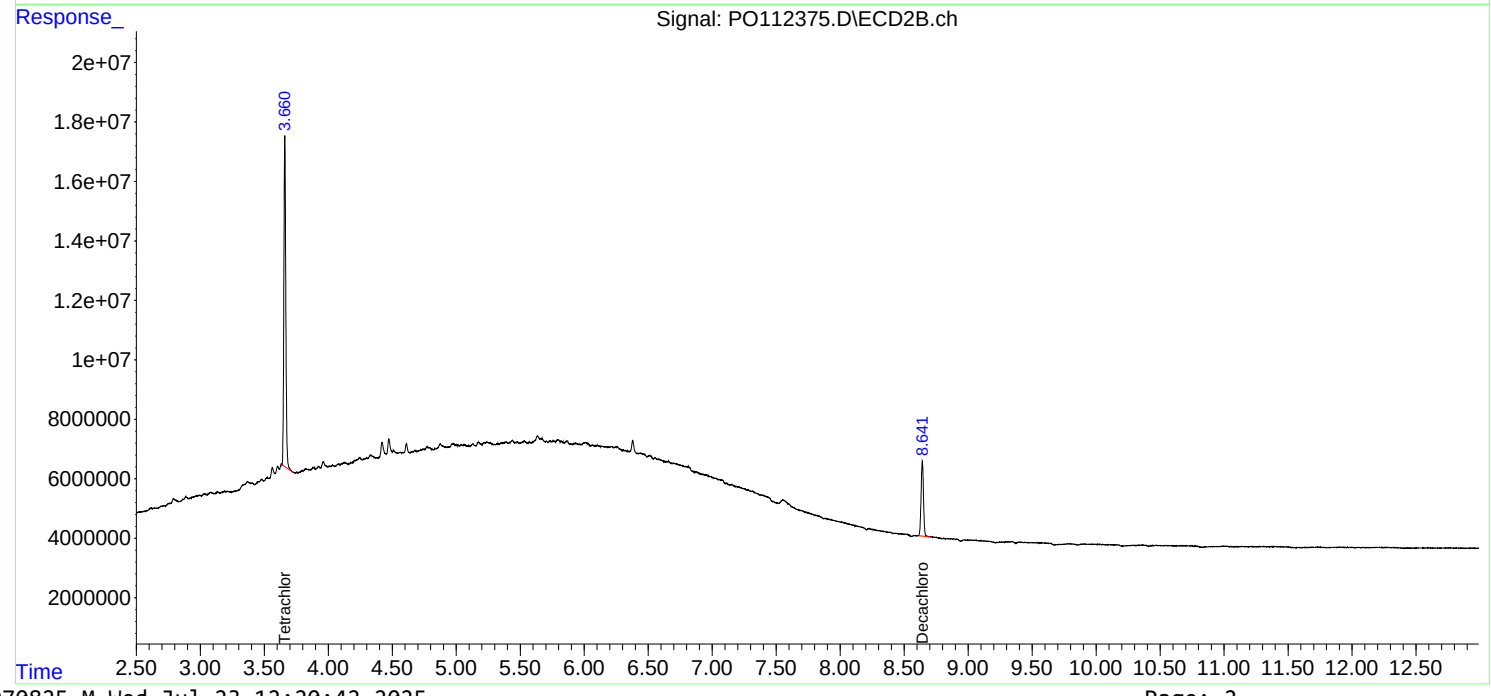
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112375.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:35
Operator : YP/AJ
Sample : PB168946BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

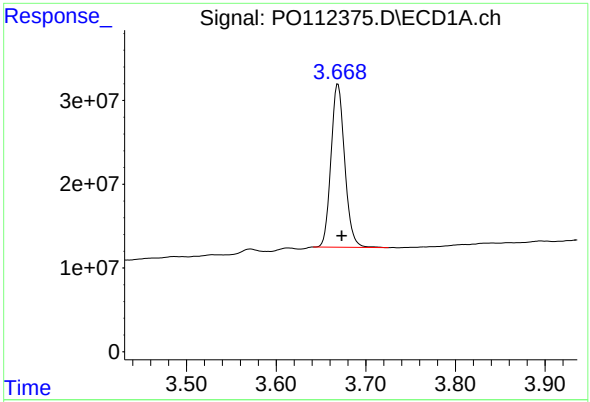
Instrument :
ECD_O
ClientSampleId :
PB168946BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:48:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



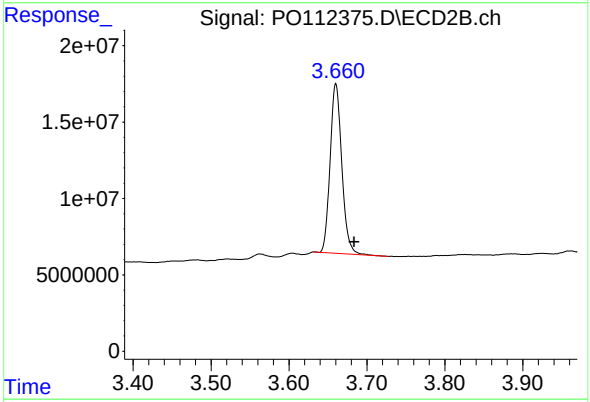




#1 Tetrachloro-m-xylene

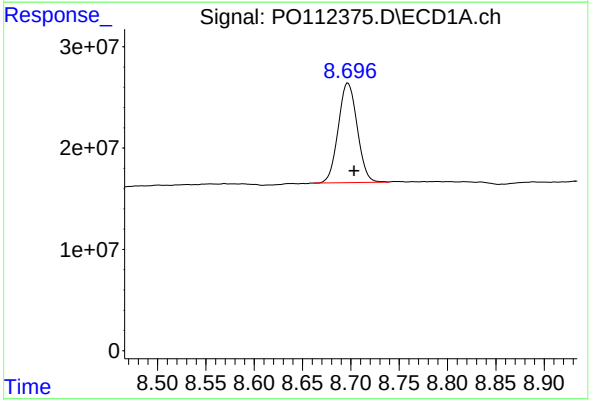
R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 206621350
Conc: 20.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BL



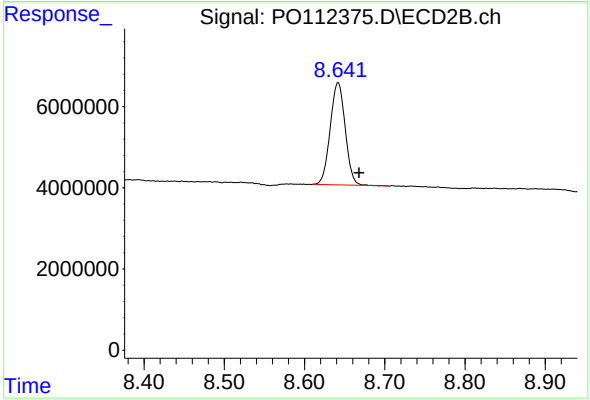
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.024 min
Response: 115956050
Conc: 18.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.006 min
Response: 134151576
Conc: 19.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: -0.026 min
Response: 32632374
Conc: 18.93 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/08/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/08/25
Client Sample ID:	PIBLK-PO112087.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PO112087.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112087.D	1		07/08/25	po070825

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	19.4		60 - 140		97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		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_O\Data\PO070825\
Data File : PO112087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.667	192.2E6	127.1E6	19.421	19.956
2)	SA Decachlor...	8.701	8.649	128.3E6	33314140	18.760	19.330
	Target Compounds						

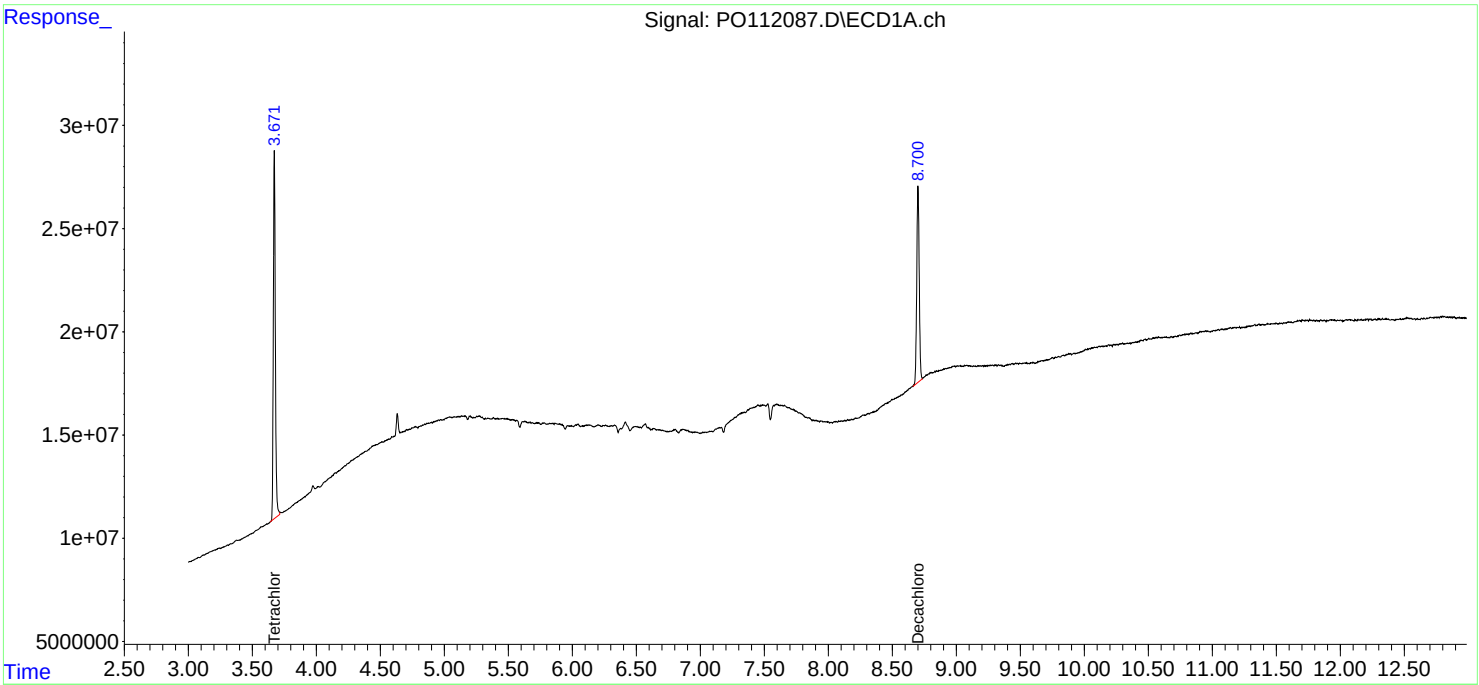
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

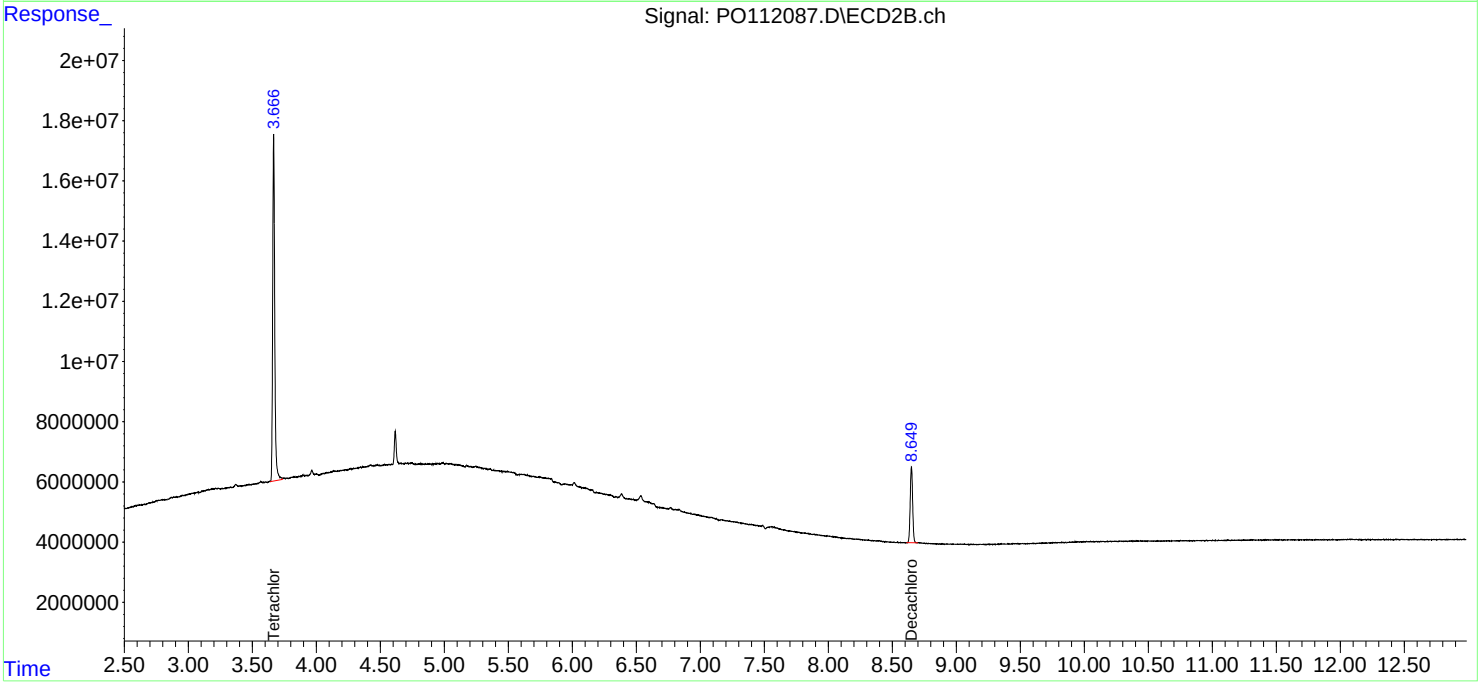
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

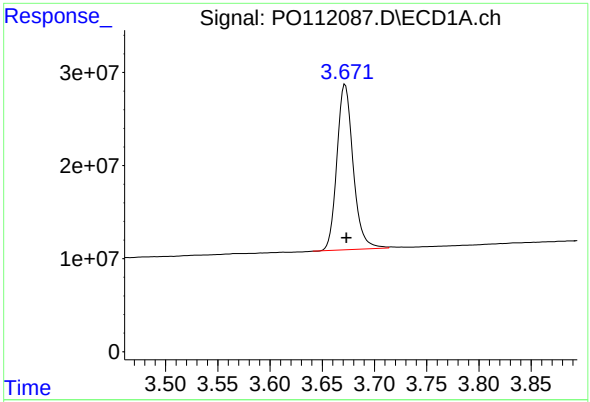
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



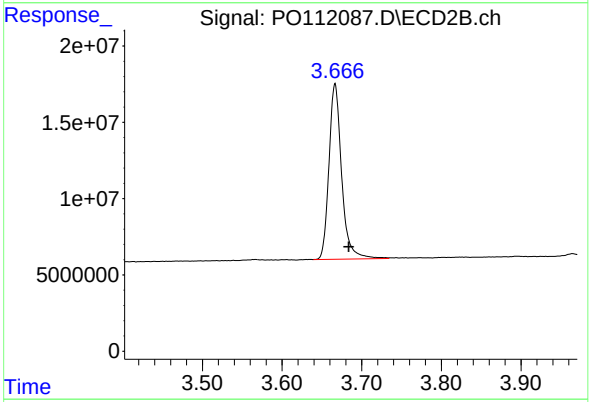




#1 Tetrachloro-m-xylene

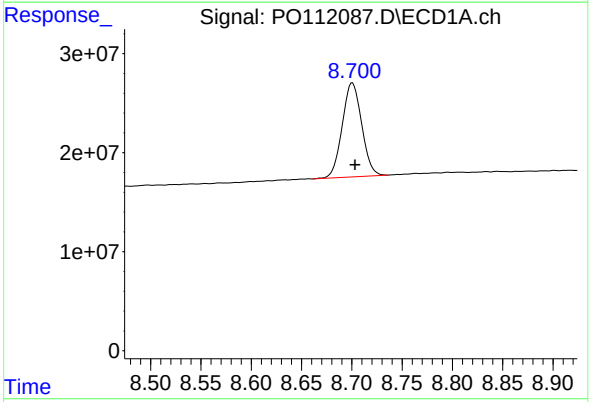
R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 192161483
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



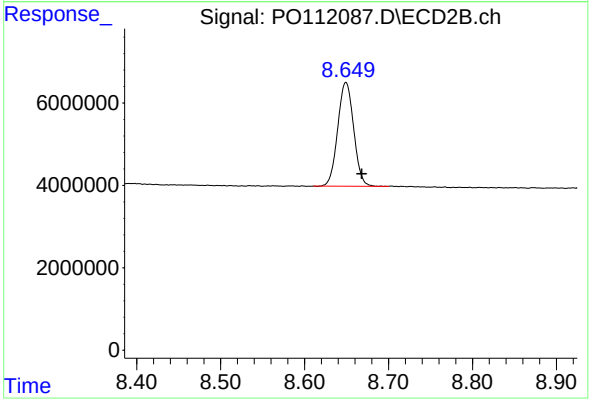
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.017 min
Response: 127143413
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.003 min
Response: 128266236
Conc: 18.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 33314140
Conc: 19.33 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/21/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/21/25
Client Sample ID:	PIBLK-PO112336.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PO112336.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112336.D	1		07/21/25	po072125

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	20.7		60 - 140		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		60 - 140		88%	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_O\Data\PO072125\
Data File : PO112336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.664	220.6E6	131.9E6	22.296	20.698
2)	SA Decachlor...	8.701	8.646	126.1E6	30465533	18.438	17.677
	Target Compounds						

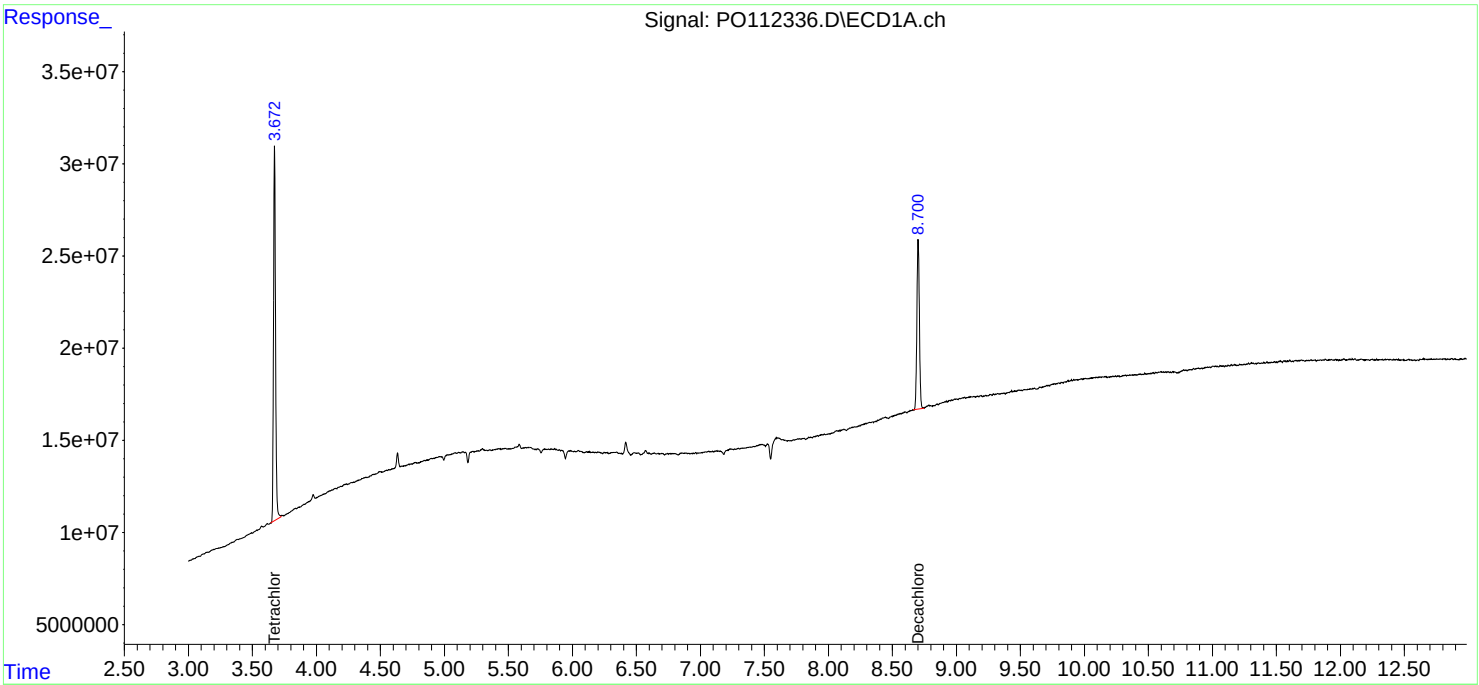
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

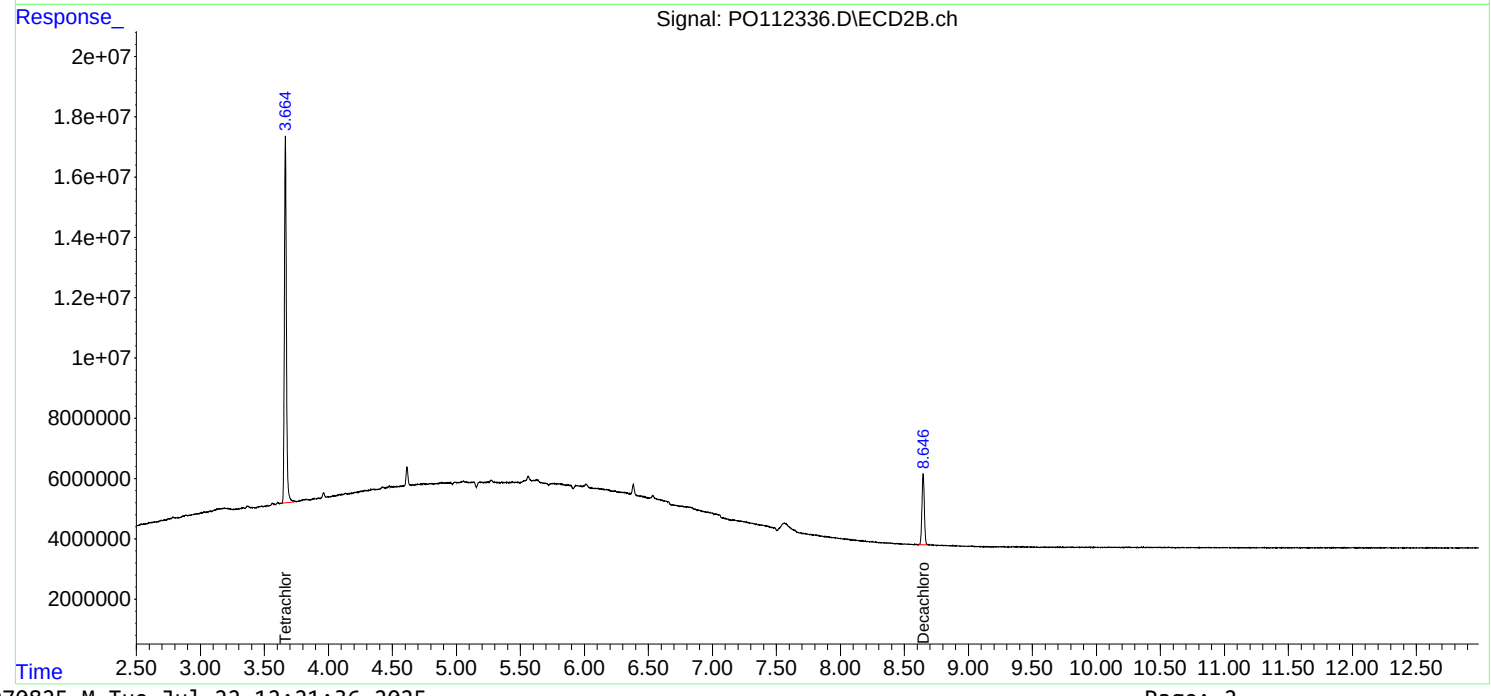
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

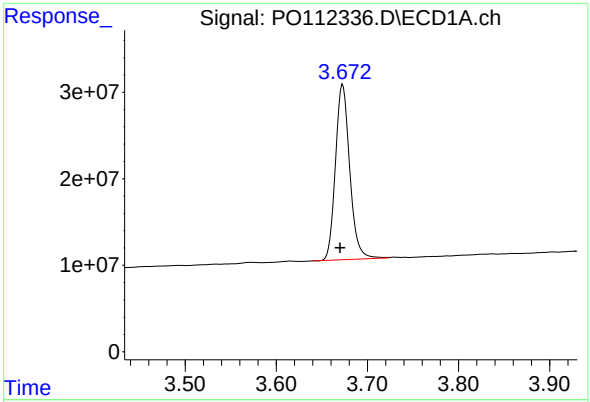
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



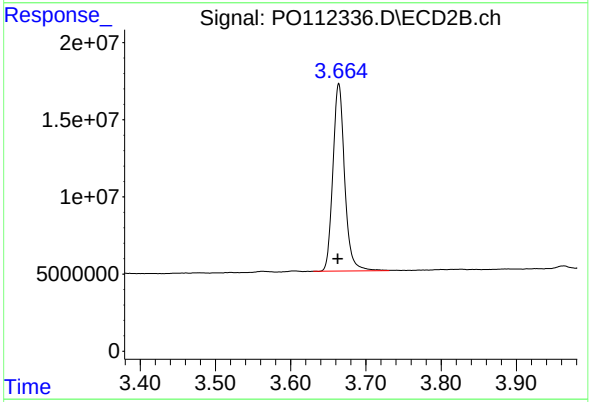




#1 Tetrachloro-m-xylene

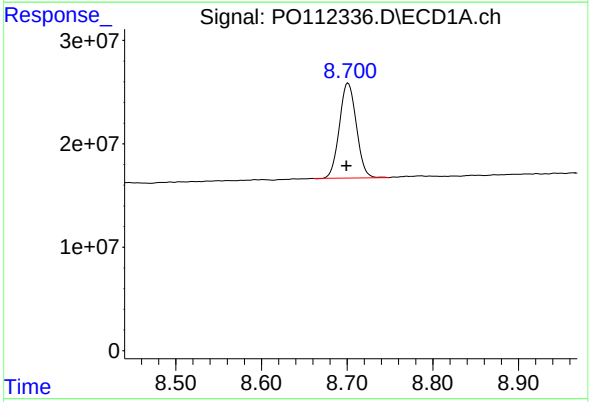
R.T.: 3.673 min
Delta R.T.: 0.003 min
Response: 220611369
Conc: 22.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



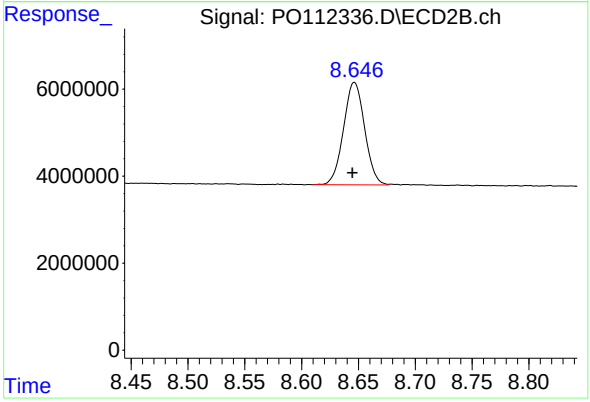
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: 0.001 min
Response: 131866827
Conc: 20.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: 0.002 min
Response: 126058150
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.646 min
Delta R.T.: 0.002 min
Response: 30465533
Conc: 17.68 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/21/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/21/25
Client Sample ID:	PIBLK-PO112350.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PO112350.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112350.D	1		07/21/25	po072125

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	19.0		60 - 140		95%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 140		87%	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_O\Data\PO072125\
Data File : PO112350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 17:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.664	199.3E6	121.2E6	20.144	19.021
2)	SA Decachlor...	8.698	8.645	120.2E6	29976071	17.574	17.393
	Target Compounds						

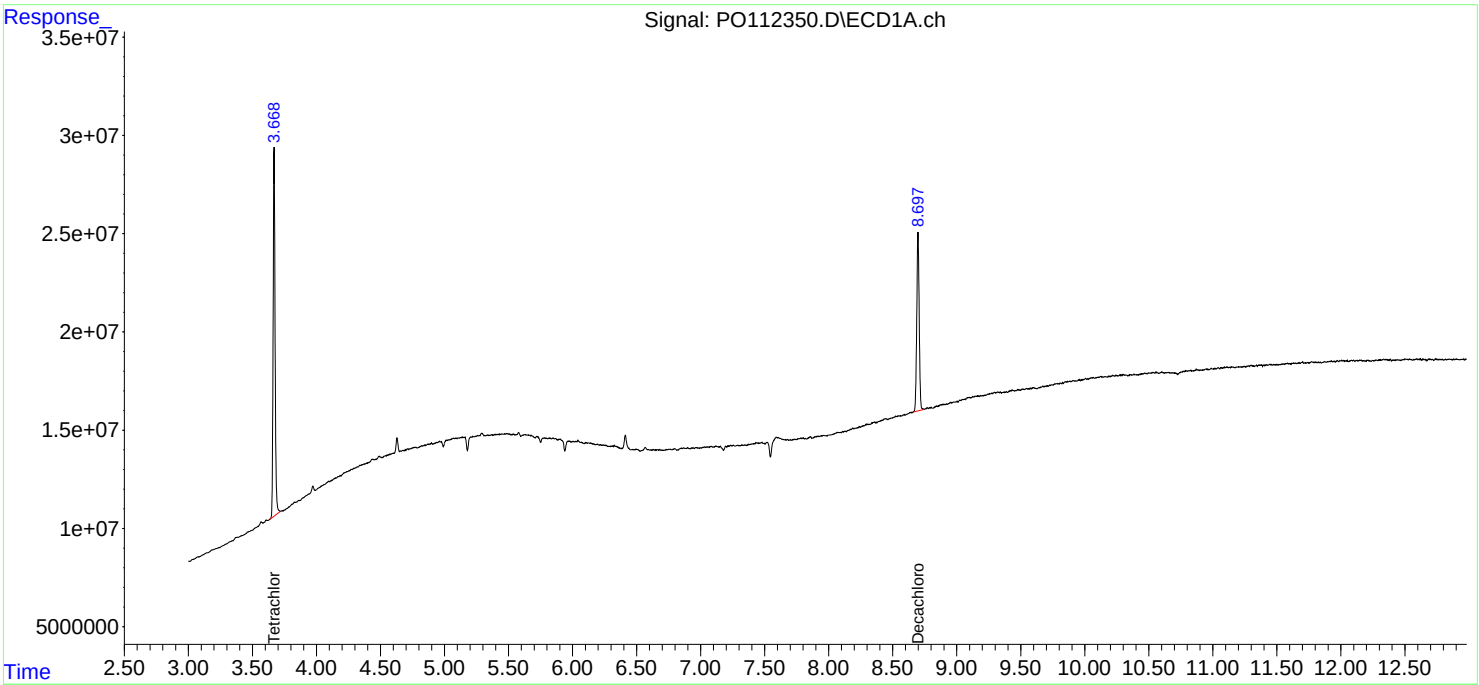
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

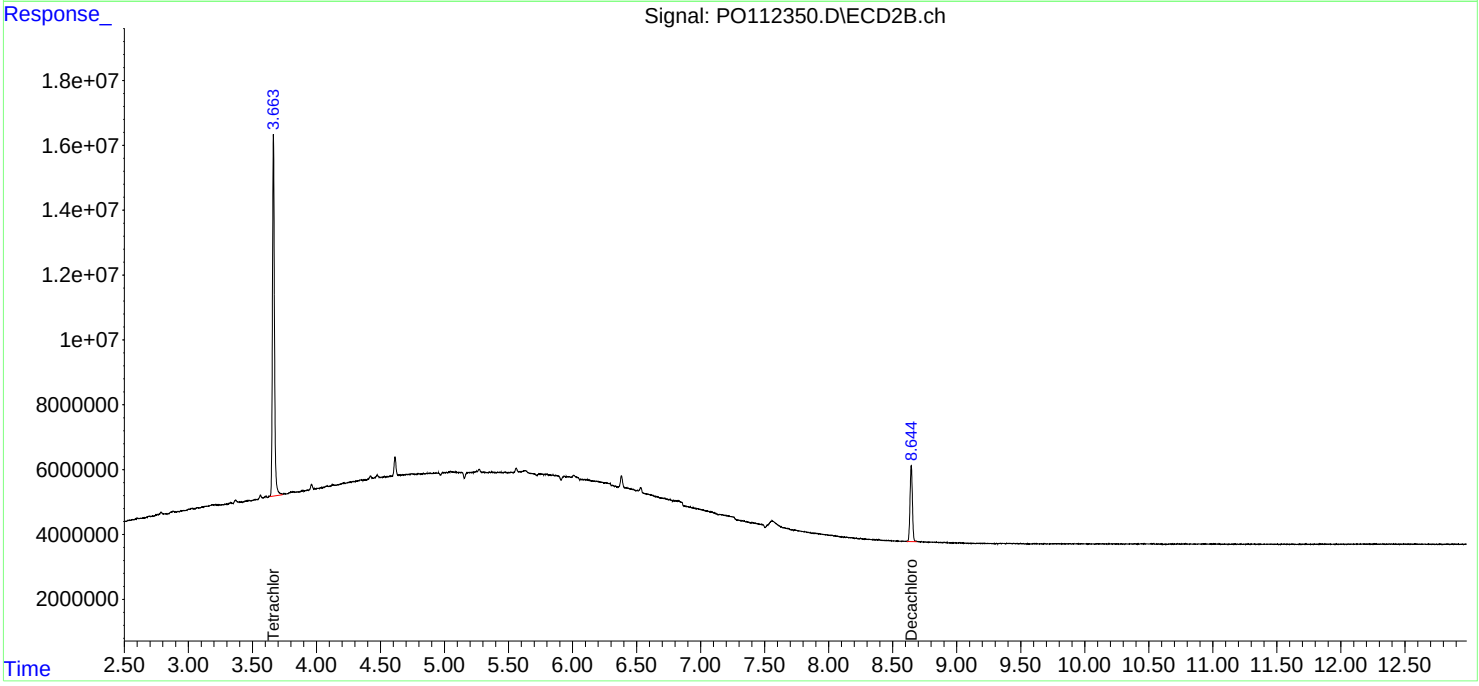
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112350.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 17:38
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

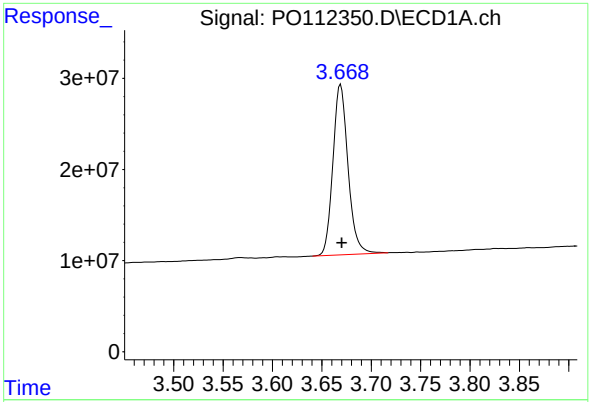
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



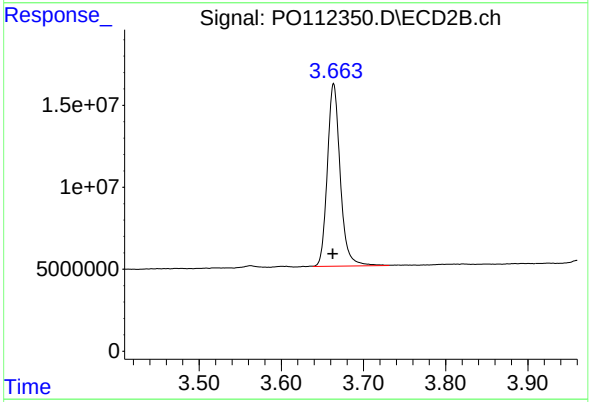




#1 Tetrachloro-m-xylene

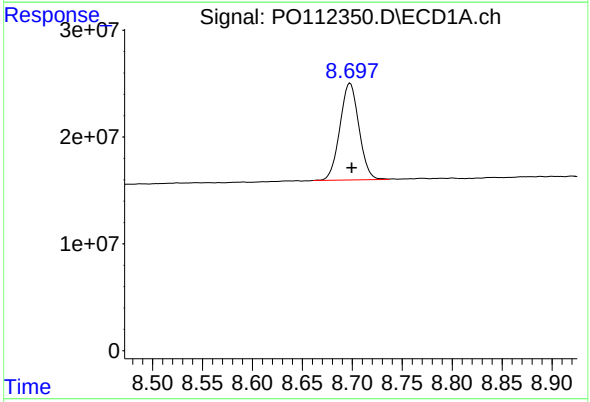
R.T.: 3.669 min
Delta R.T.: 0.000 min
Response: 199318998
Conc: 20.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



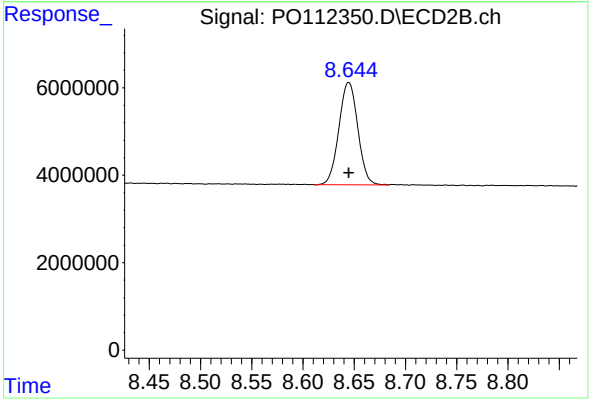
#1 Tetrachloro-m-xylene

R.T.: 3.664 min
Delta R.T.: 0.000 min
Response: 121183959
Conc: 19.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: -0.002 min
Response: 120156793
Conc: 17.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 29976071
Conc: 17.39 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/22/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/22/25
Client Sample ID:	PIBLK-PO112370.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PO112370.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112370.D	1		07/22/25	po072225

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	18.3		60 - 140		91%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 140		87%	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_O\Data\PO072225\
Data File : PO112370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 10:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.670	3.662	198.4E6	116.3E6	20.046	18.256
2)	SA Decachlor...	8.698	8.642	121.1E6	29977061	17.713	17.394
	Target Compounds						

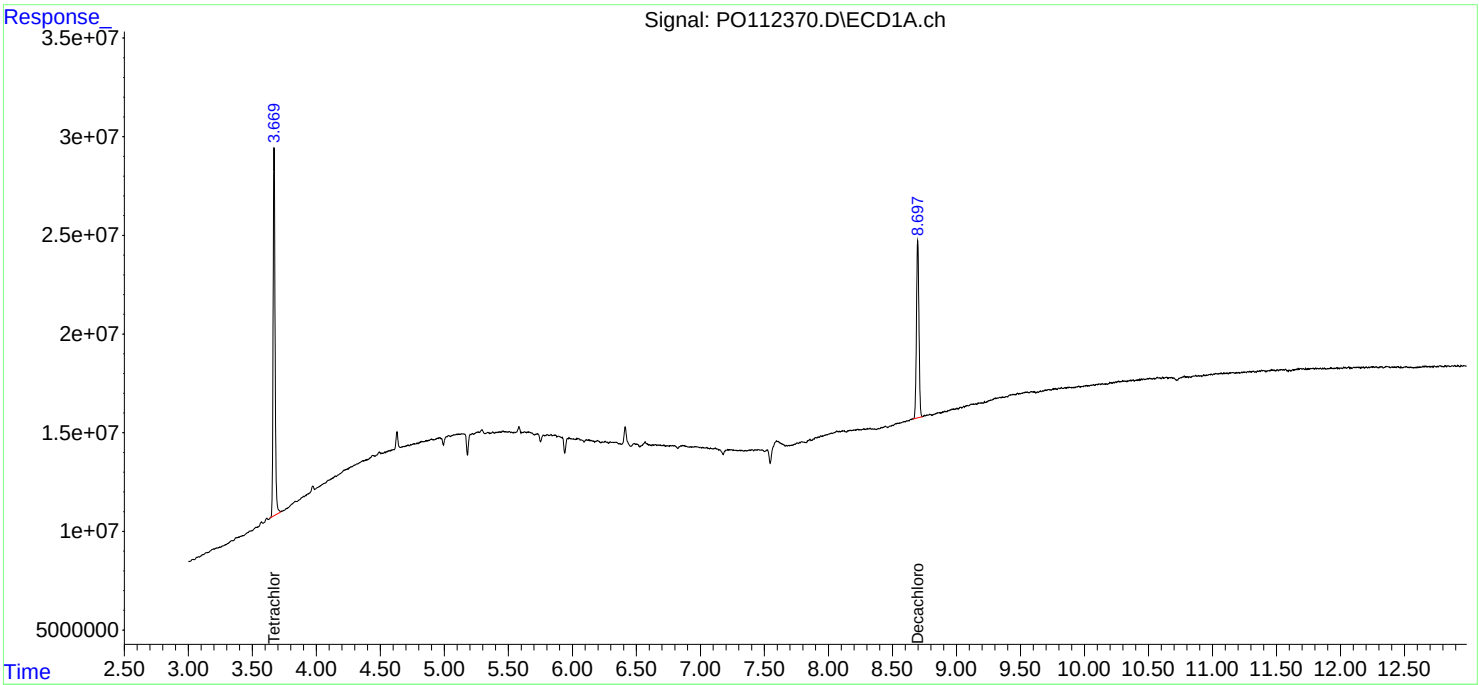
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

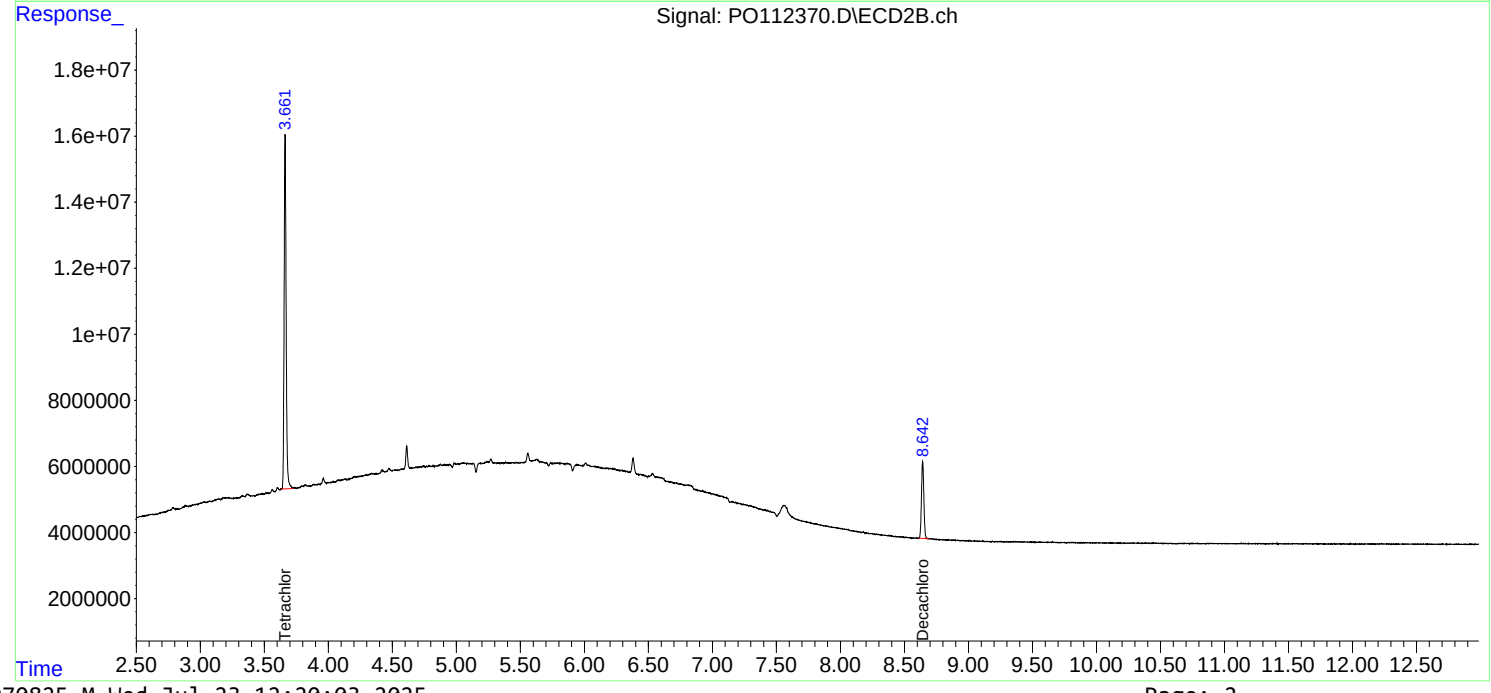
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 10:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

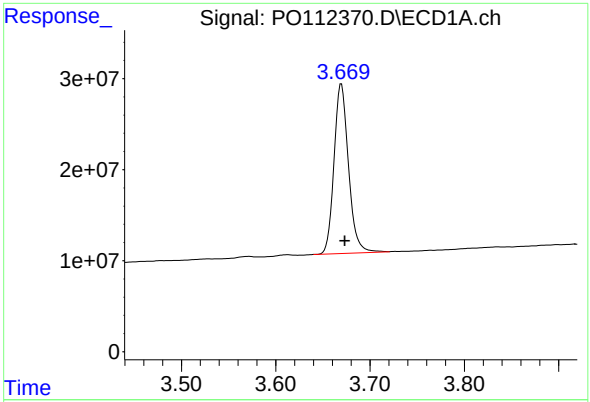
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:37:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



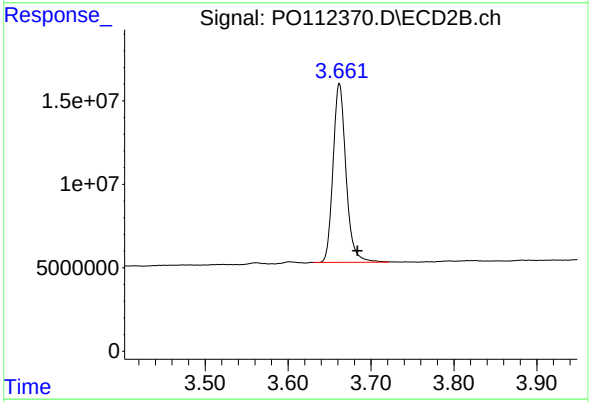




#1 Tetrachloro-m-xylene

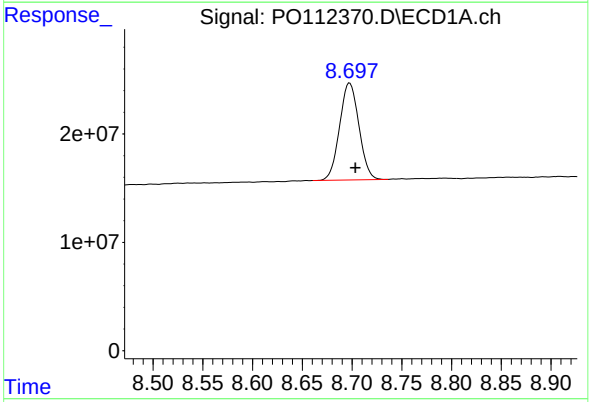
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 198352825
Conc: 20.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



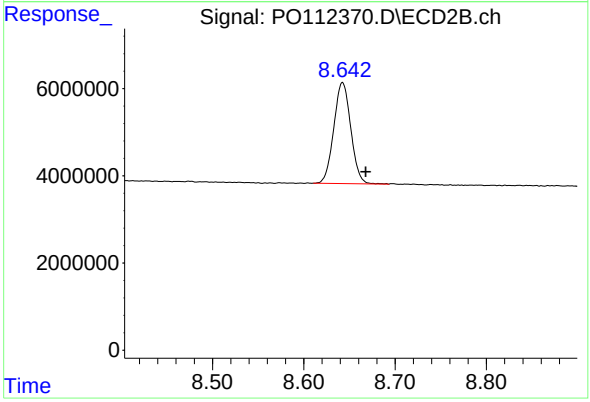
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.022 min
Response: 116310058
Conc: 18.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: -0.006 min
Response: 121107515
Conc: 17.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.642 min
Delta R.T.: -0.026 min
Response: 29977061
Conc: 17.39 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/22/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/22/25
Client Sample ID:	PIBLK-PO112385.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PO112385.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112385.D	1		07/22/25	po072225

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	18.1		60 - 140		90%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 140		87%	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_O\Data\PO072225\
Data File : PO112385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 17:32
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.670	3.662	195.5E6	115.0E6	19.763	18.050
2)	SA Decachlor...	8.695	8.641	120.4E6	30026588	17.607	17.422
	Target Compounds						

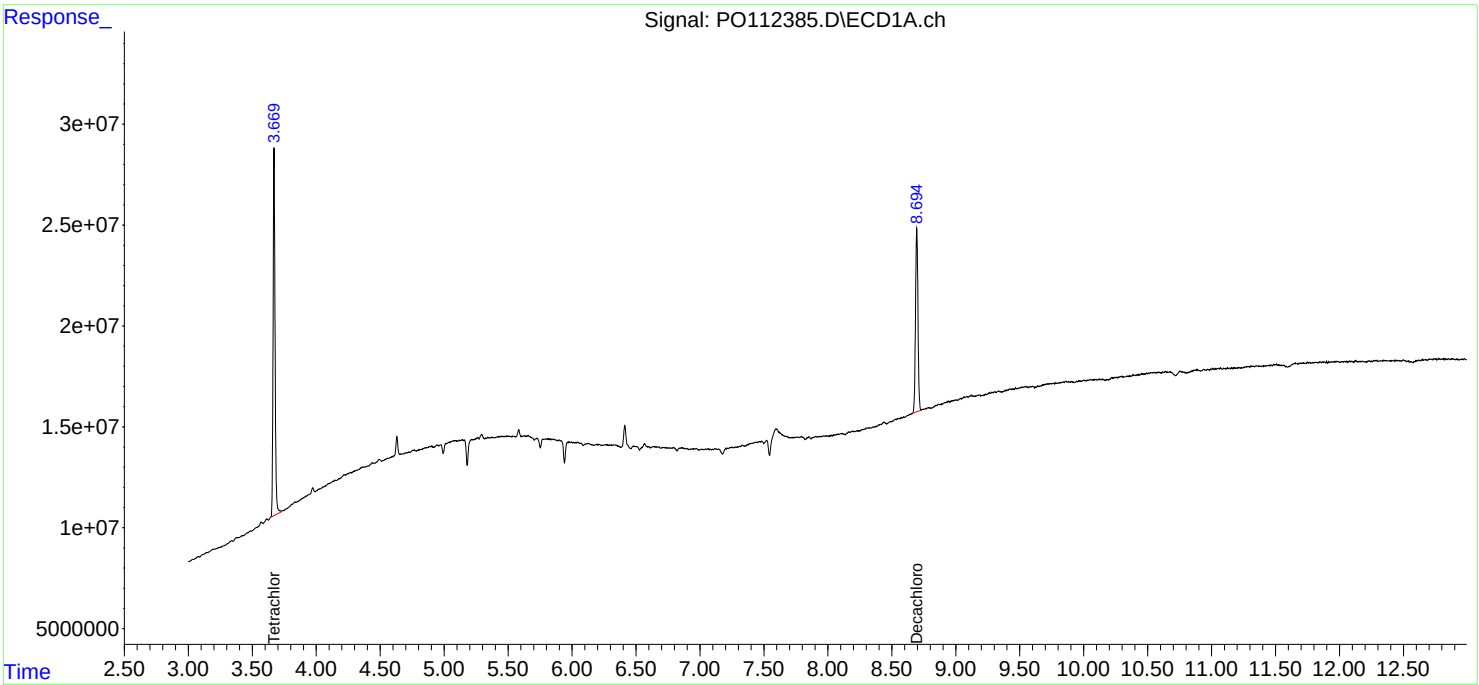
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

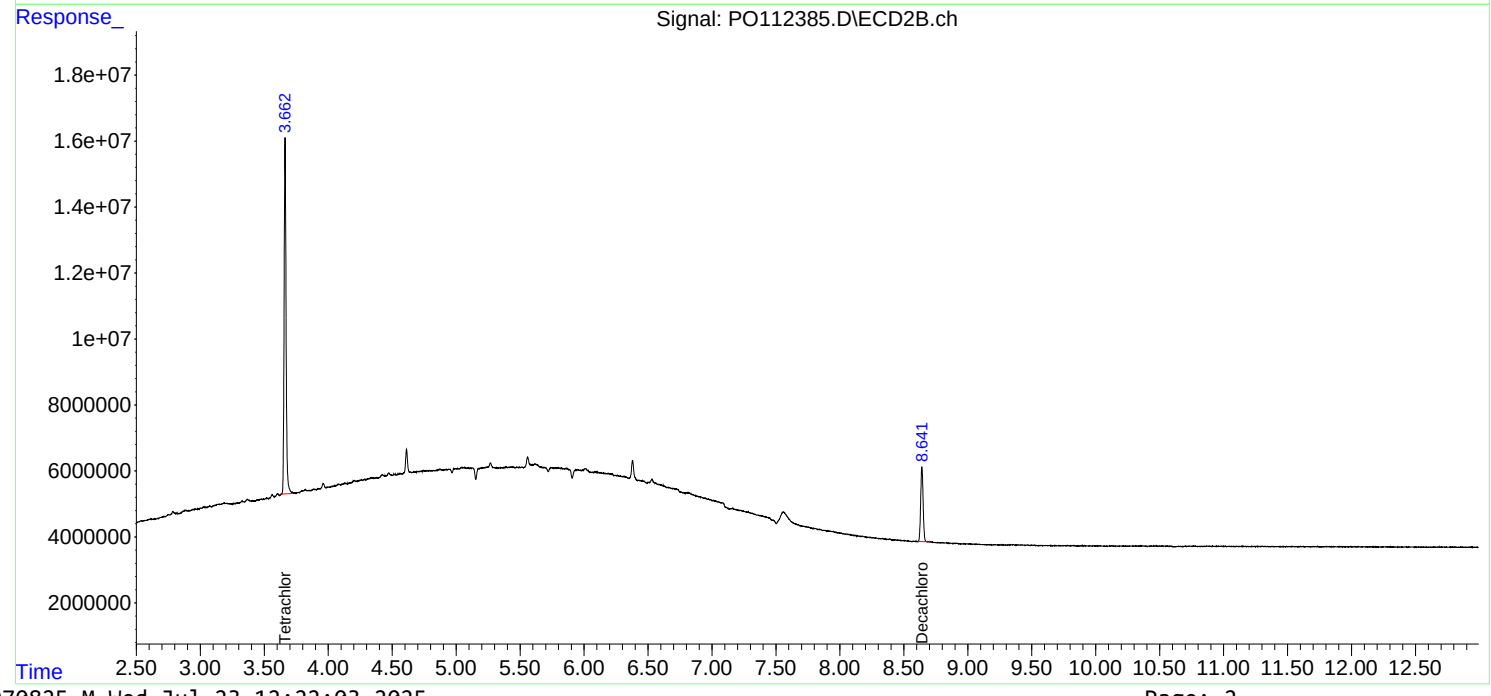
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112385.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 17:32
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

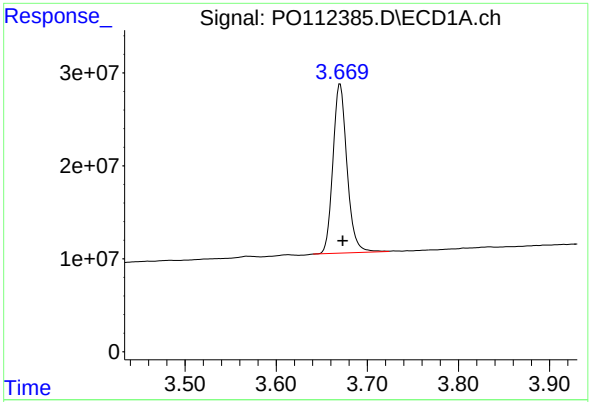
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:54:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



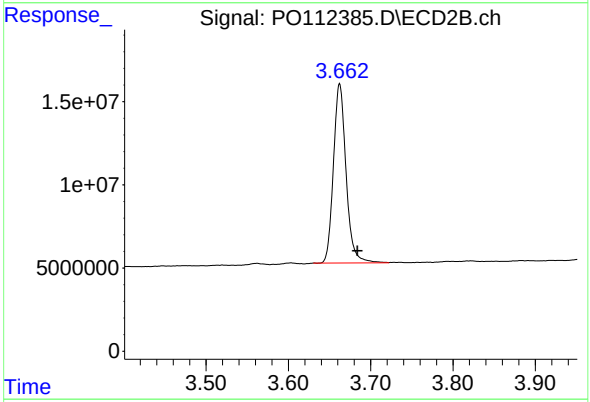




#1 Tetrachloro-m-xylene

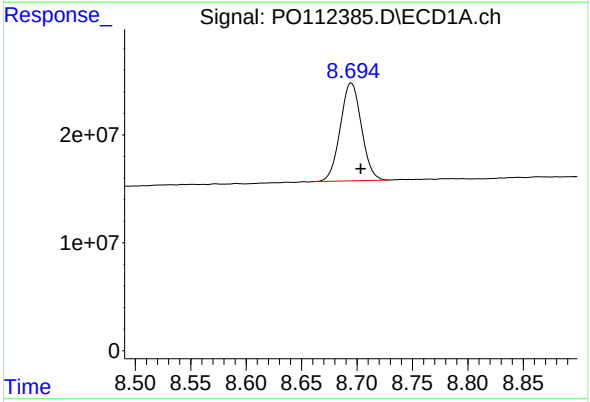
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 195544841
Conc: 19.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



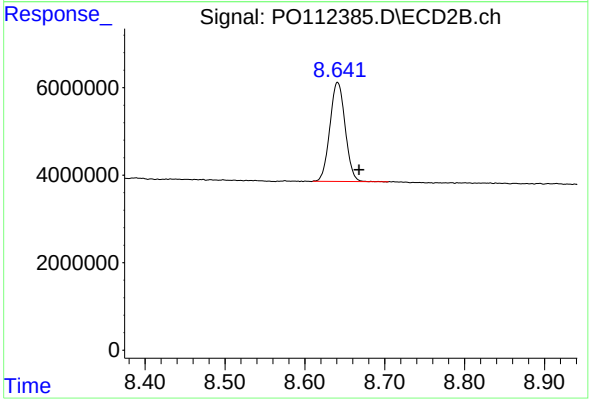
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.021 min
Response: 115000490
Conc: 18.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 120379192
Conc: 17.61 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 30026588
Conc: 17.42 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/07/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/07/25
Client Sample ID:	PIBLK-PP073553.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PP073553.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073553.D	1		07/07/25	pp070825

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	16.2		60 - 140		81%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140		85%	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\PP070825\
Data File : PP073553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:30
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: Jul 08 08:36:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.780	22153163	29828480	16.176	16.191
2)	SA Decachlor...	10.178	8.781	18922819	22582394	17.344	17.067
	Target Compounds						

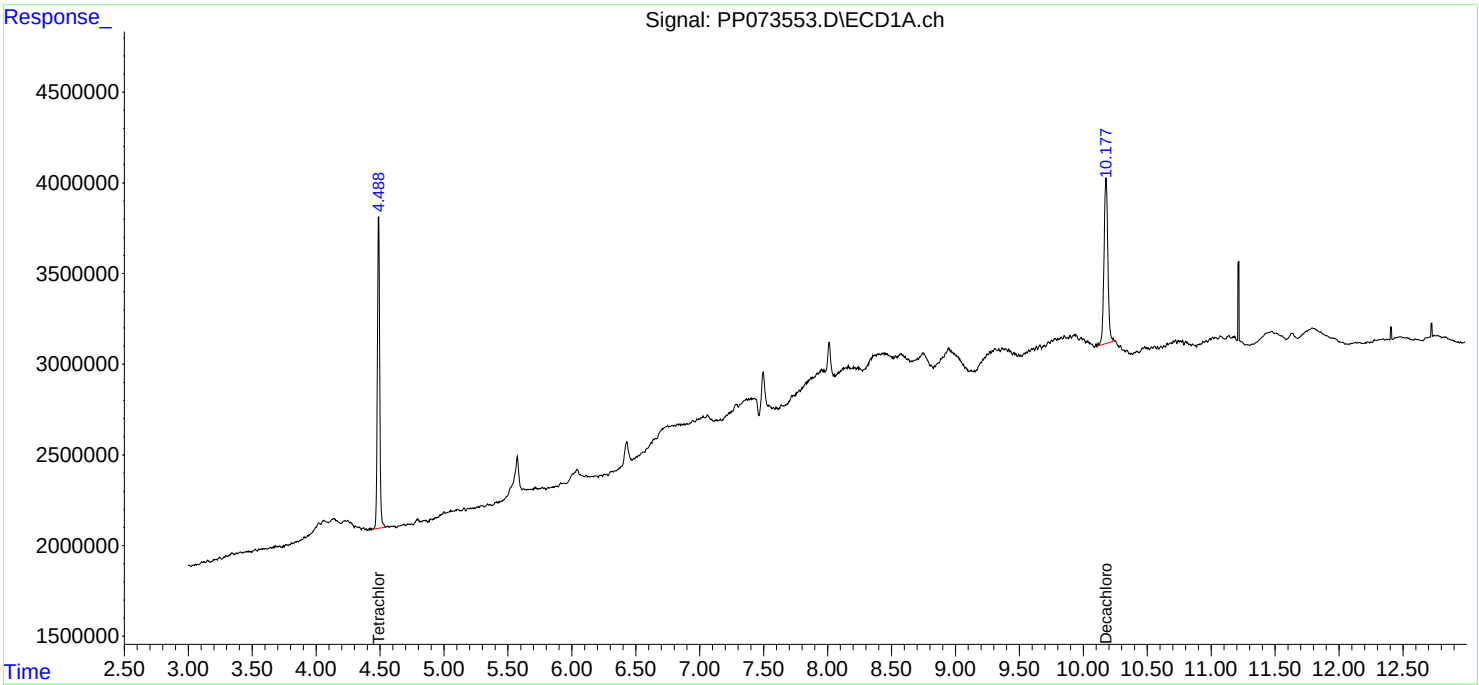
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

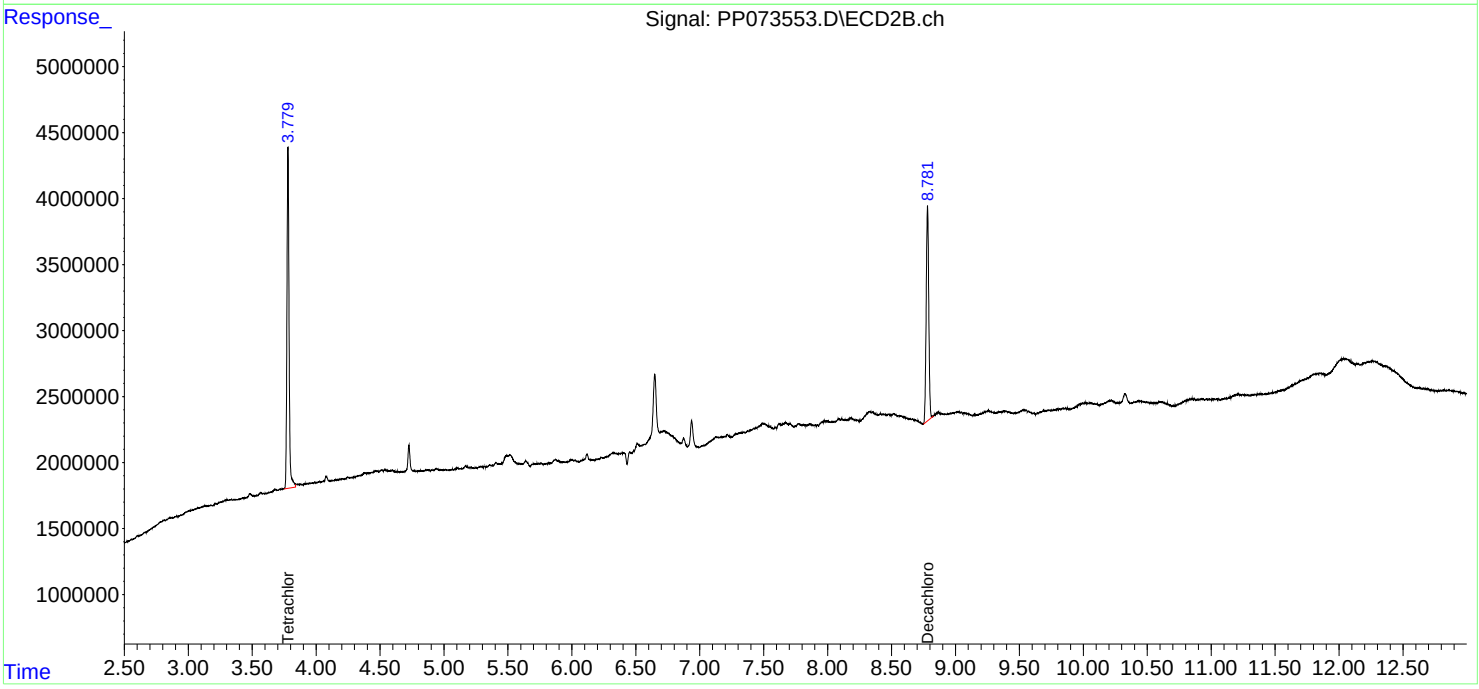
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

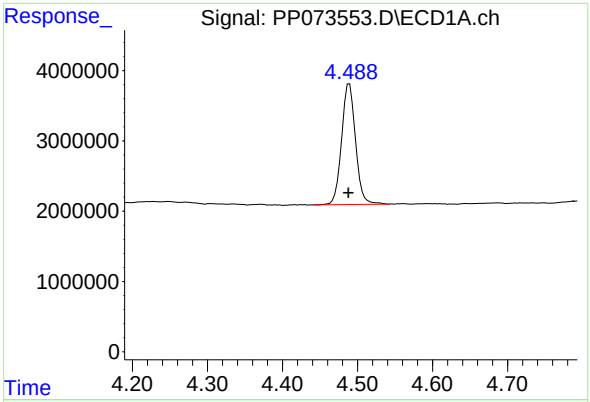
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:36:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



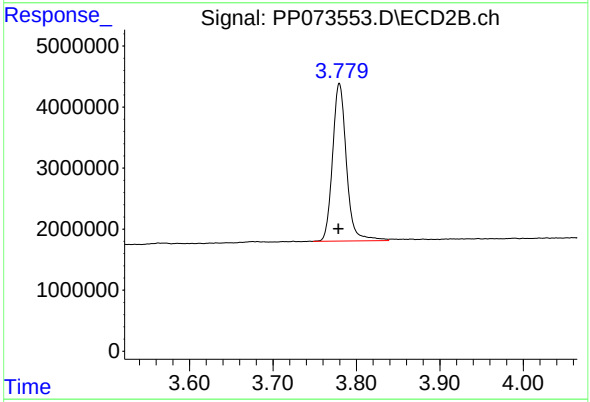




#1 Tetrachloro-m-xylene

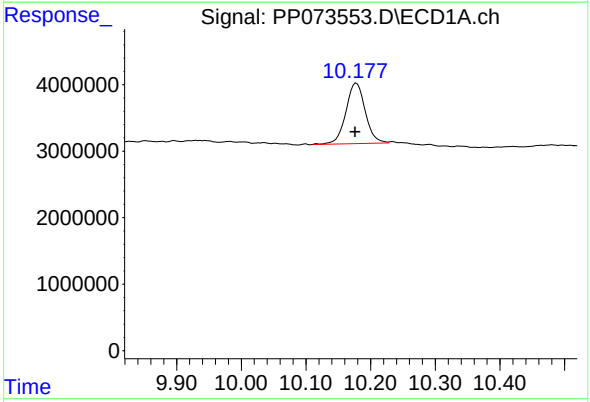
R.T.: 4.489 min
Delta R.T.: 0.001 min
Response: 22153163
Conc: 16.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



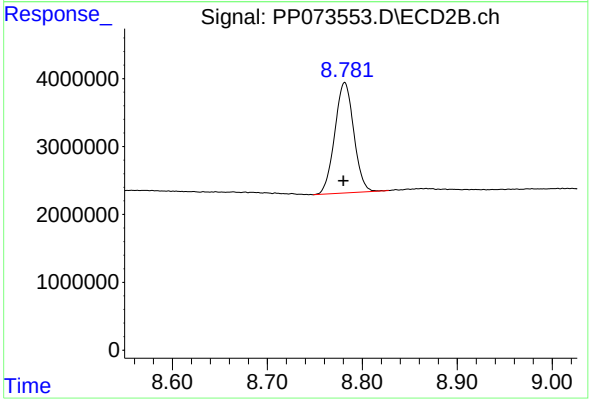
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 29828480
Conc: 16.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.002 min
Response: 18922819
Conc: 17.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 22582394
Conc: 17.07 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/21/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/21/25
Client Sample ID:	PIBLK-PP073976.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PP073976.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073976.D	1		07/21/25	pp072125

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	16.8		60 - 140		84%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140		88%	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\PP072125\
Data File : PP073976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 09:56
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: Jul 22 01:46:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.482	3.774	23034074	31045310	16.819	16.851
2)	SA Decachlor...	10.167	8.770	19247044	25335367	17.641	19.148
	Target Compounds						

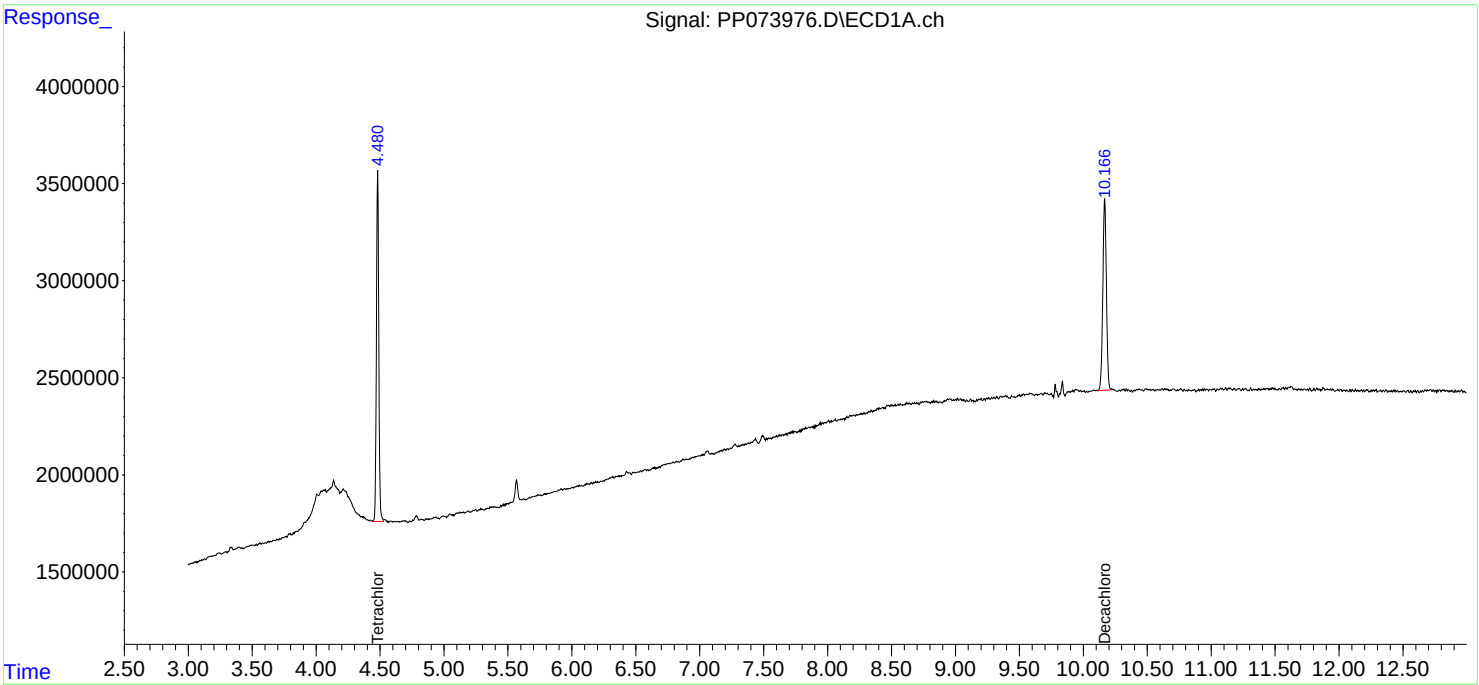
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

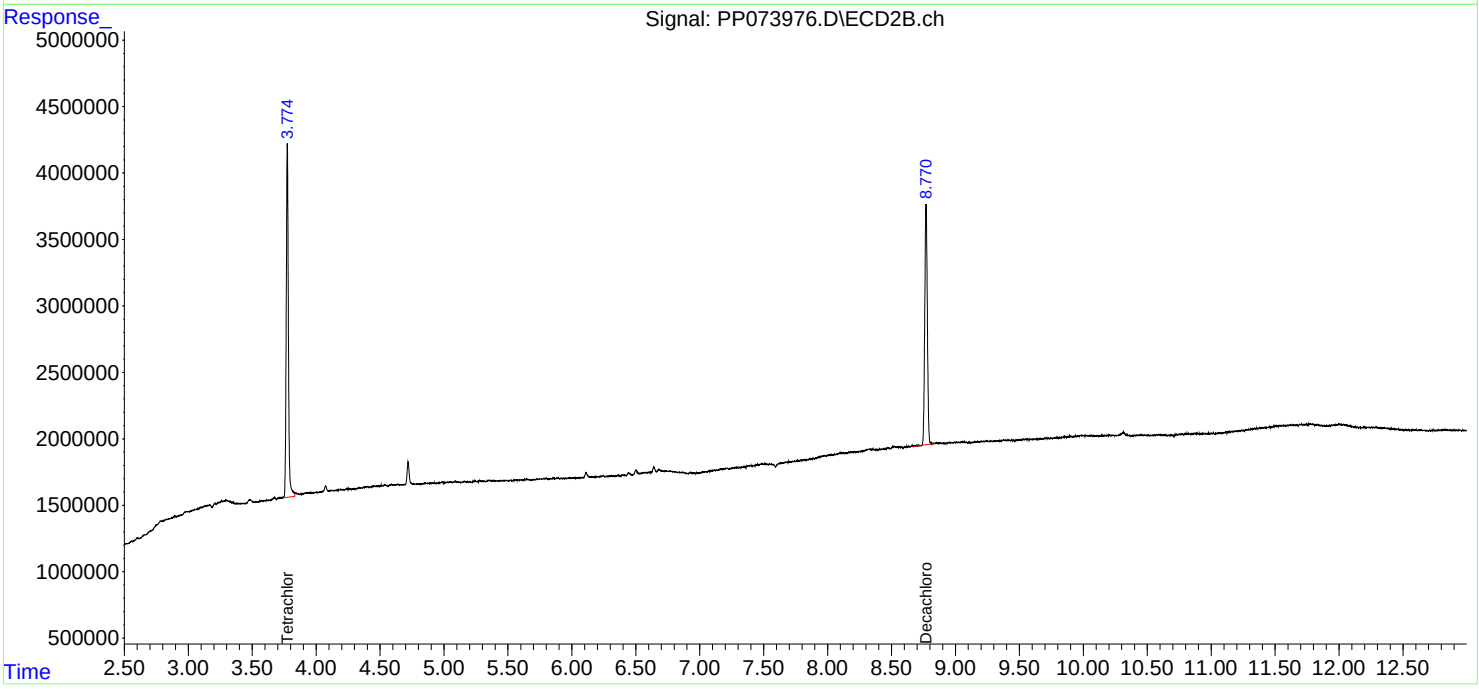
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 09:56
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

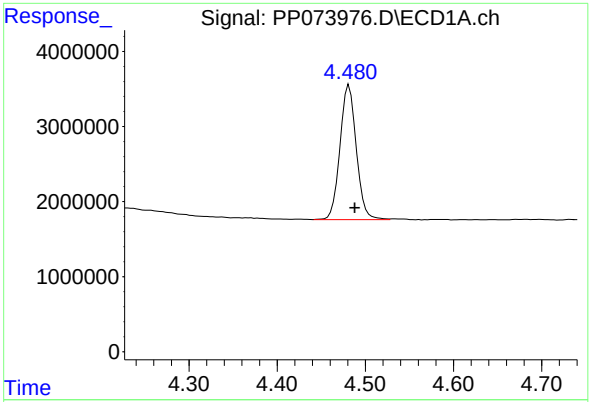
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:46:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



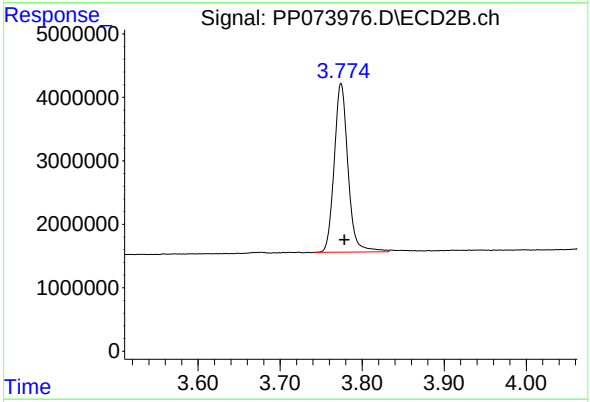




#1 Tetrachloro-m-xylene

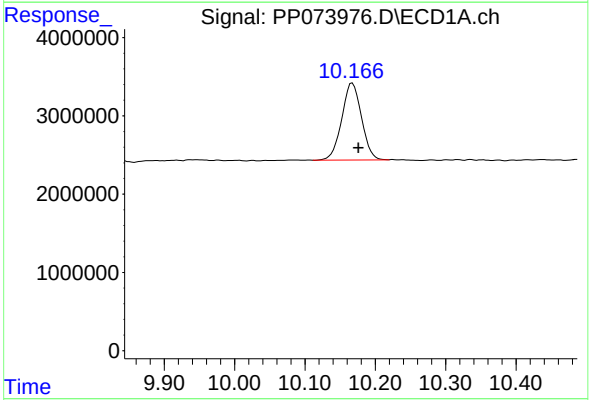
R.T.: 4.482 min
Delta R.T.: -0.006 min
Response: 23034074
Conc: 16.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



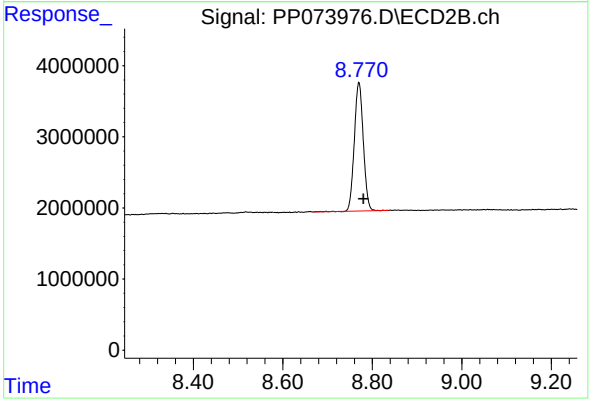
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.004 min
Response: 31045310
Conc: 16.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.167 min
Delta R.T.: -0.009 min
Response: 19247044
Conc: 17.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.010 min
Response: 25335367
Conc: 19.15 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/21/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/21/25
Client Sample ID:	PIBLK-PP073991.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PP073991.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073991.D	1		07/21/25	pp072125

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	15.8		60 - 140		79%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 140		83%	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\PP072125\
Data File : PP073991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:23
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: Jul 22 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.484	3.774	21712730	32171043	15.854	17.463
2)	SA Decachlor...	10.170	8.771	18173509	26037964	16.657	19.679
	Target Compounds						

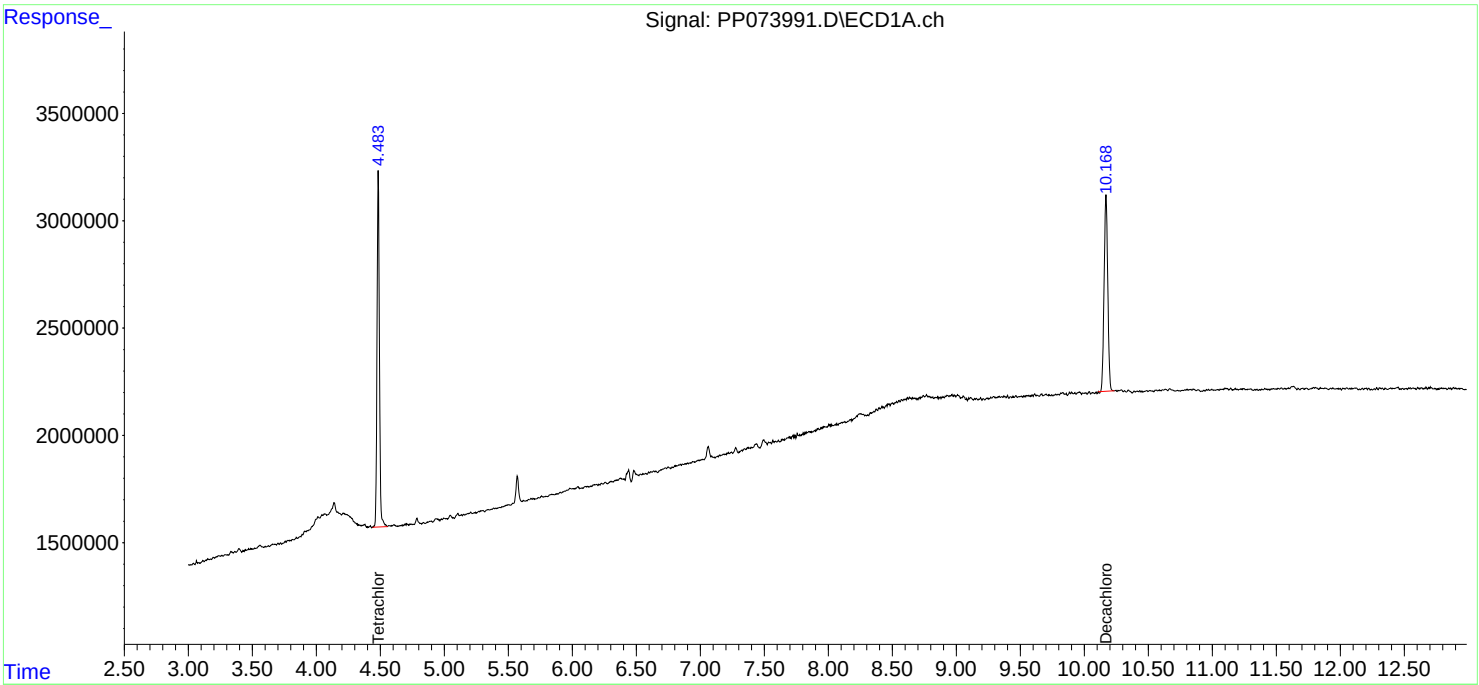
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

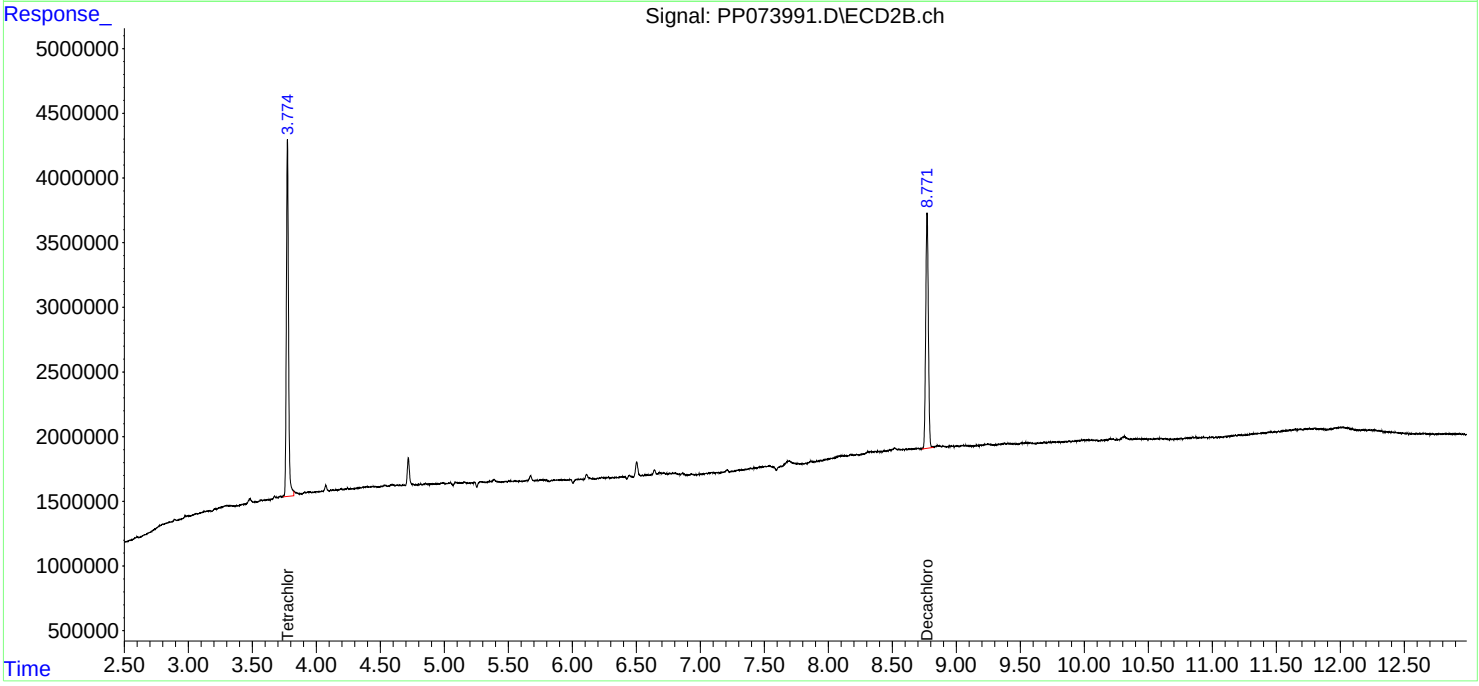
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

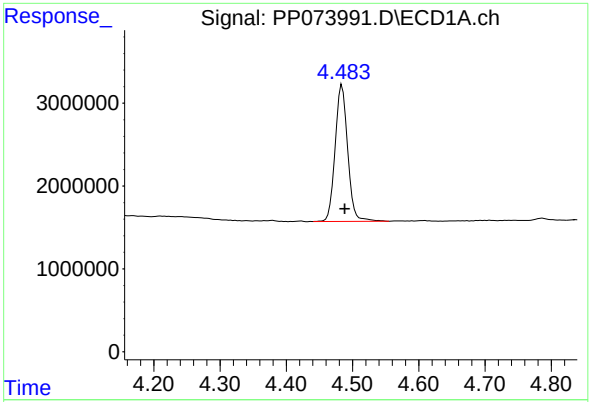
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



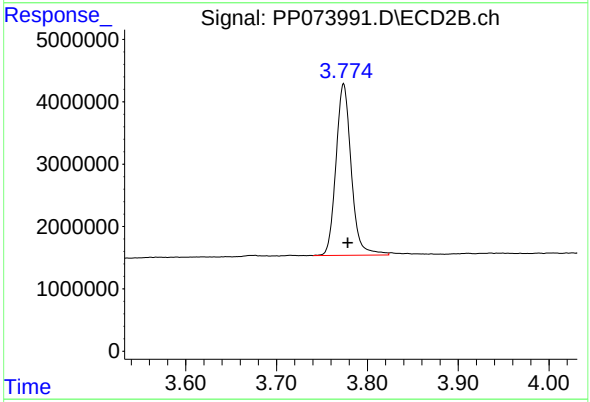




#1 Tetrachloro-m-xylene

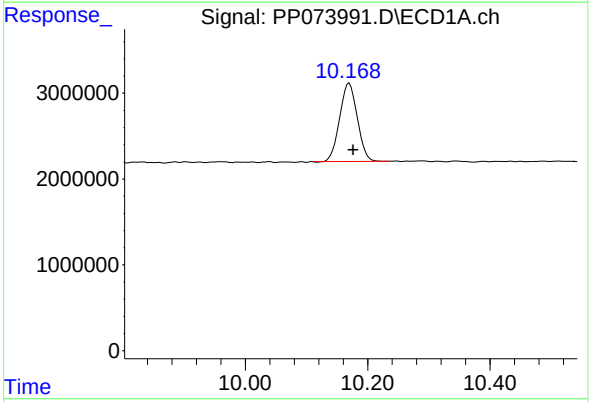
R.T.: 4.484 min
Delta R.T.: -0.004 min
Response: 21712730
Conc: 15.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



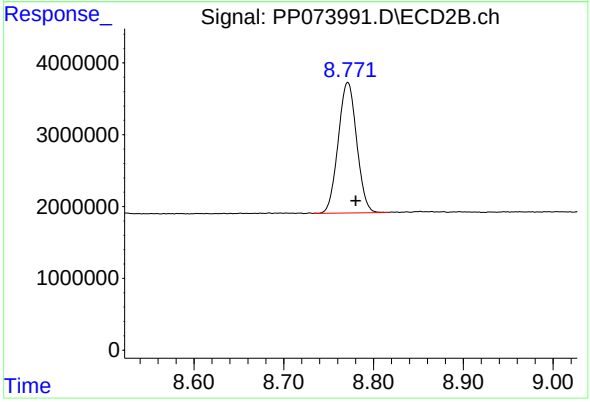
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.005 min
Response: 32171043
Conc: 17.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.170 min
Delta R.T.: -0.006 min
Response: 18173509
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.009 min
Response: 26037964
Conc: 19.68 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/21/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/21/25
Client Sample ID:	PIBLK-PP074006.D	SDG No.:	Q2645
Lab Sample ID:	I.BLK-PP074006.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074006.D	1		07/21/25	pp072125

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	15.8		60 - 140		79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140		85%	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\PP072125\
Data File : PP074006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 21:34
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: Jul 22 02:17:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.479	3.773	21664756	32074283	15.819	17.410
2)	SA Decachlor...	10.164	8.769	18614863	25580988	17.061	19.333
	Target Compounds						

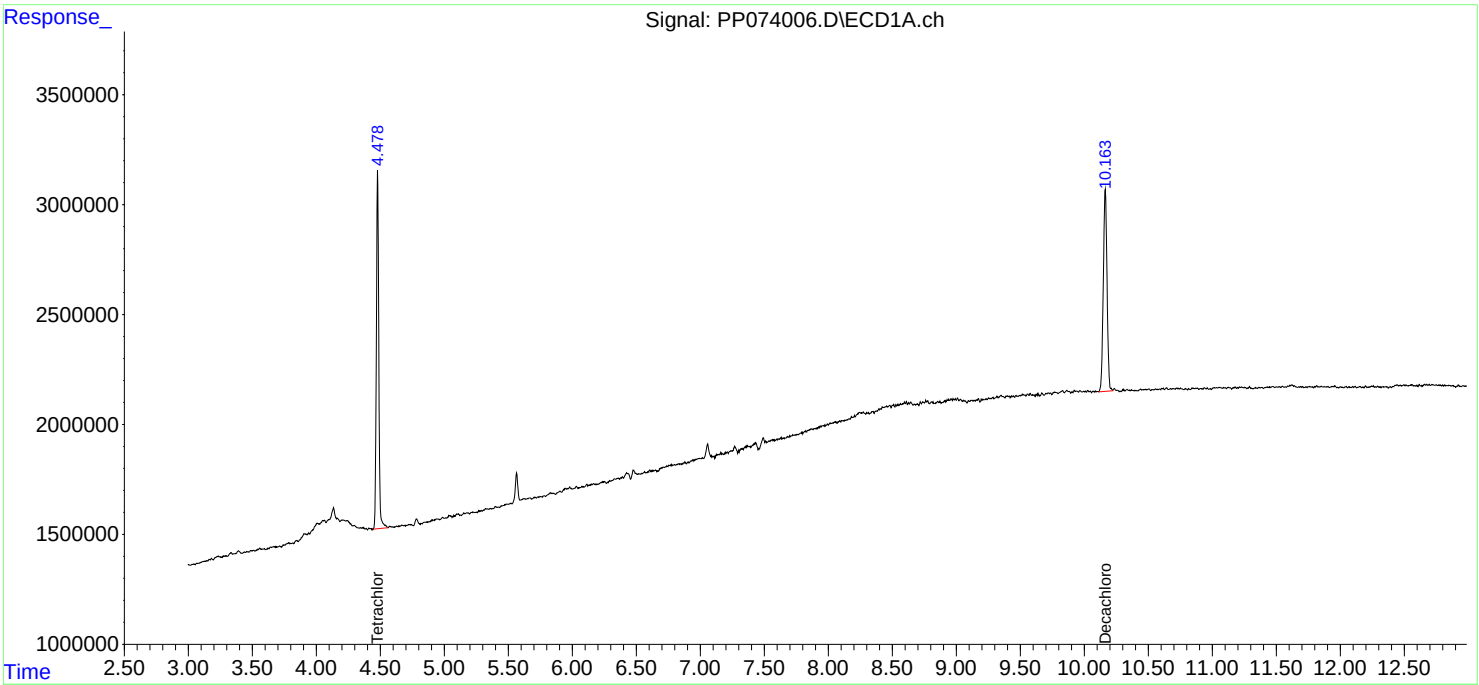
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

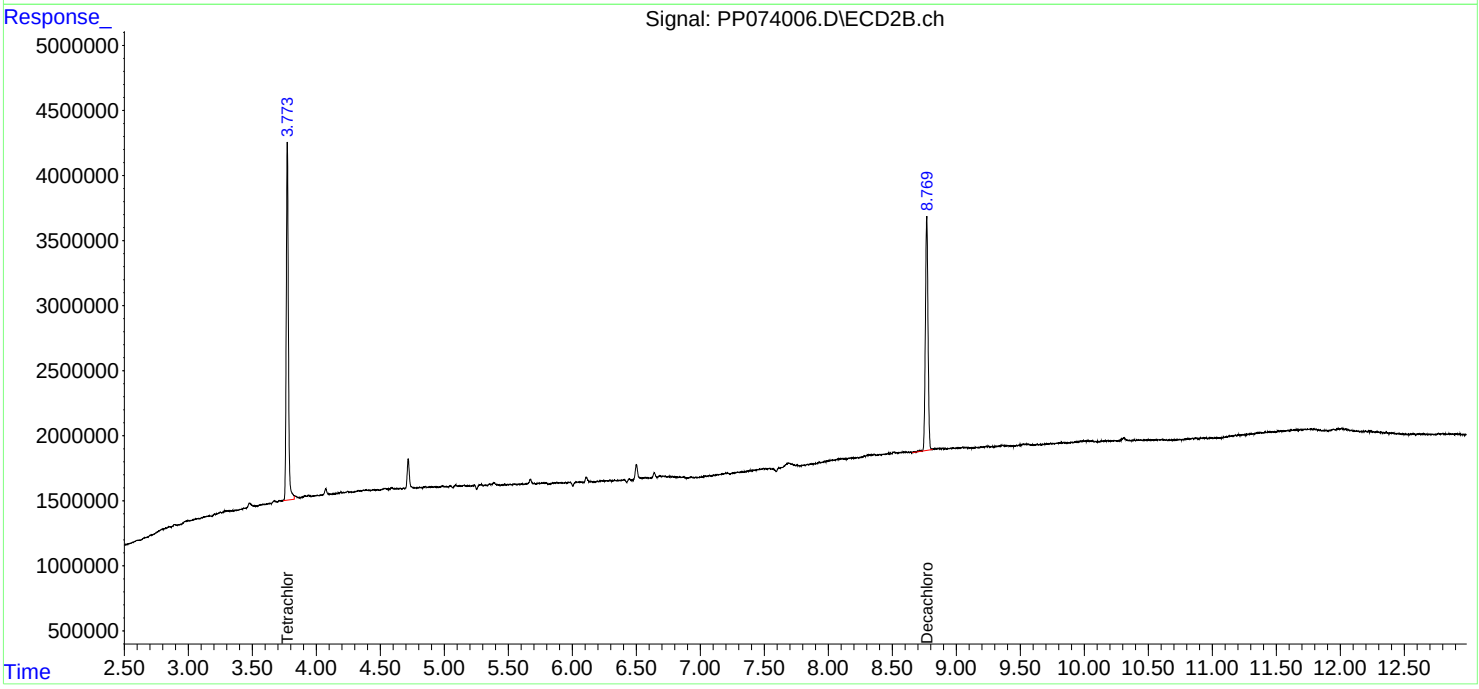
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP074006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 21:34
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

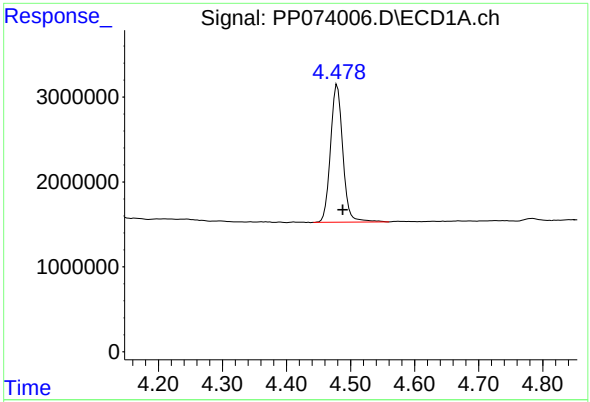
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 02:17:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



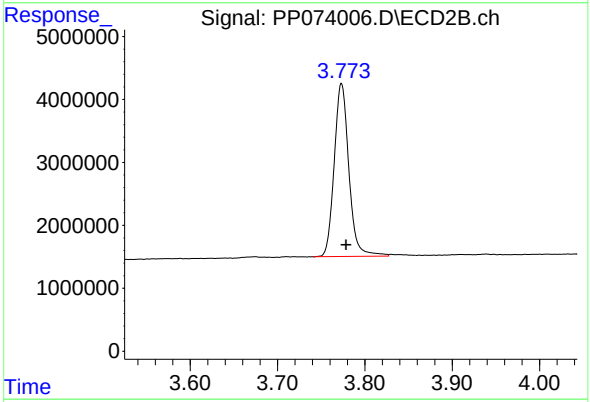




#1 Tetrachloro-m-xylene

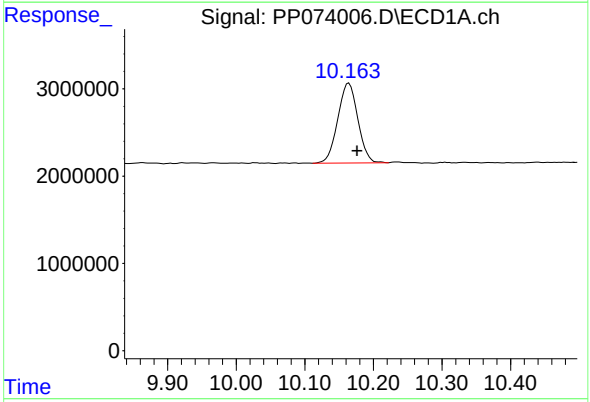
R.T.: 4.479 min
Delta R.T.: -0.009 min
Response: 21664756
Conc: 15.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



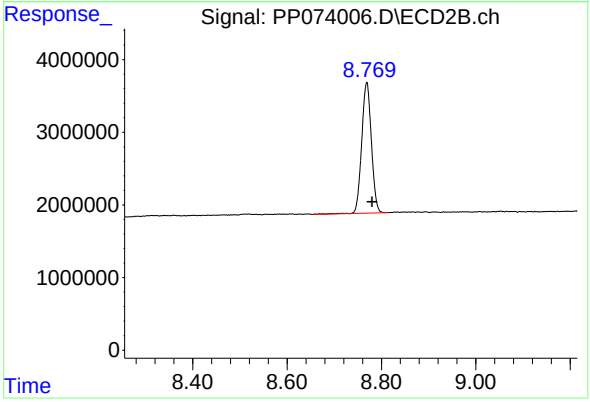
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: -0.005 min
Response: 32074283
Conc: 17.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.164 min
Delta R.T.: -0.012 min
Response: 18614863
Conc: 17.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.011 min
Response: 25580988
Conc: 19.33 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168927BS	SDG No.:	Q2645
Lab Sample ID:	PB168927BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.01 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
PP073993.D	1	07/21/25 08:30	07/21/25 16:56	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	153		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	154		3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.3		44 - 130		96%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		120%	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\PP072125\
Data File : PP073993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:56
Operator : YP\AJ
Sample : PB168927BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168927BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 02:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.485	3.775	25710118	35503610	18.773	19.271	
2)	SA Decachlor...	10.170	8.772	22397635	31653782	20.528	23.923	
	Target Compounds							
3)	L1 AR-1016-1	5.637	4.852	18648947	30859437	392.497	452.652	
4)	L1 AR-1016-2	5.658	4.870	30337806	46806903	426.004	459.412	
5)	L1 AR-1016-3	5.720	5.047	18341794	25209696	420.076	465.929	
6)	L1 AR-1016-4	5.817	5.089	15197443	20133996	422.790	458.833	
7)	L1 AR-1016-5	6.109	5.301	13328312	25250923	425.411	462.619	
31)	L7 AR-1260-1	7.226	6.330	25980515	46681069	440.637	478.484	
32)	L7 AR-1260-2	7.479	6.519	37795564	58282520	394.362	474.468	
33)	L7 AR-1260-3	7.837	6.671	27297740	52505882	373.580	479.664	#
34)	L7 AR-1260-4	8.060	7.139	26969847	39497845	413.015	441.769	
35)	L7 AR-1260-5	8.378	7.383	60726734	97958387	402.556	435.881	

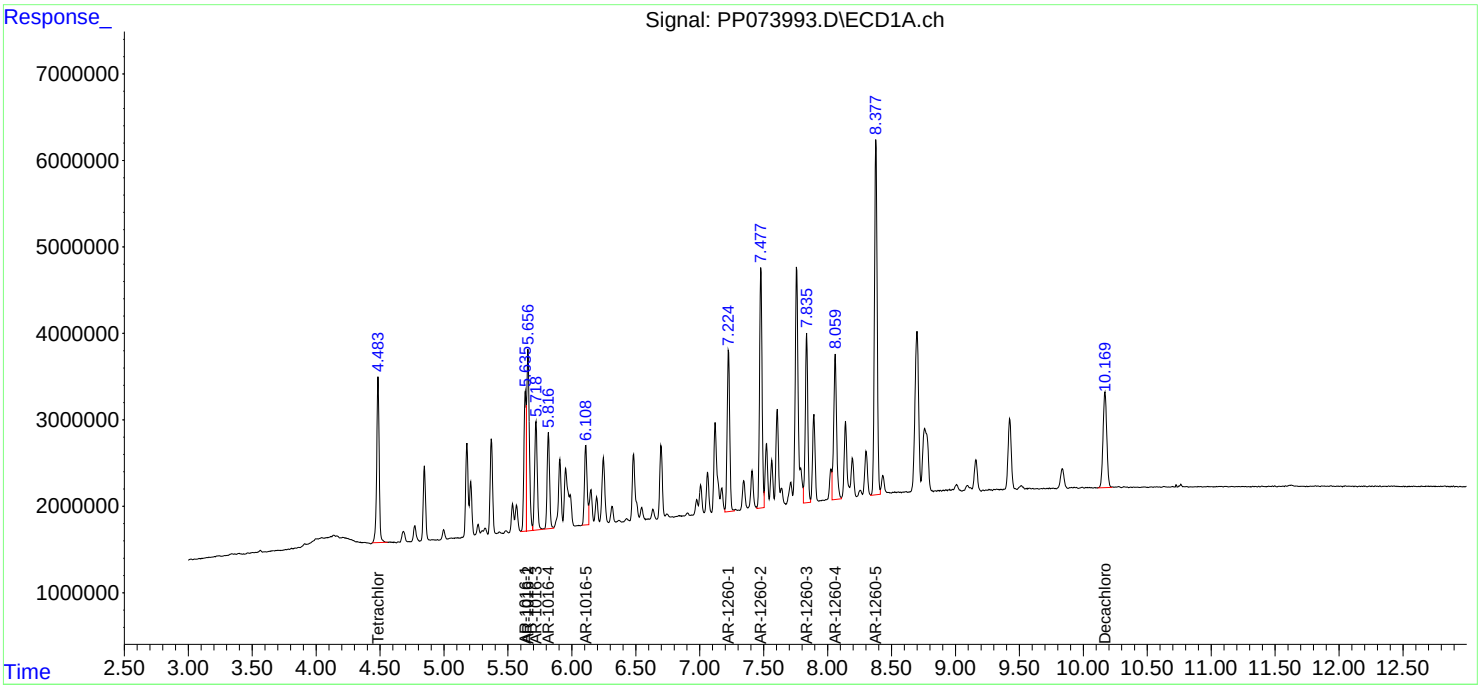
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

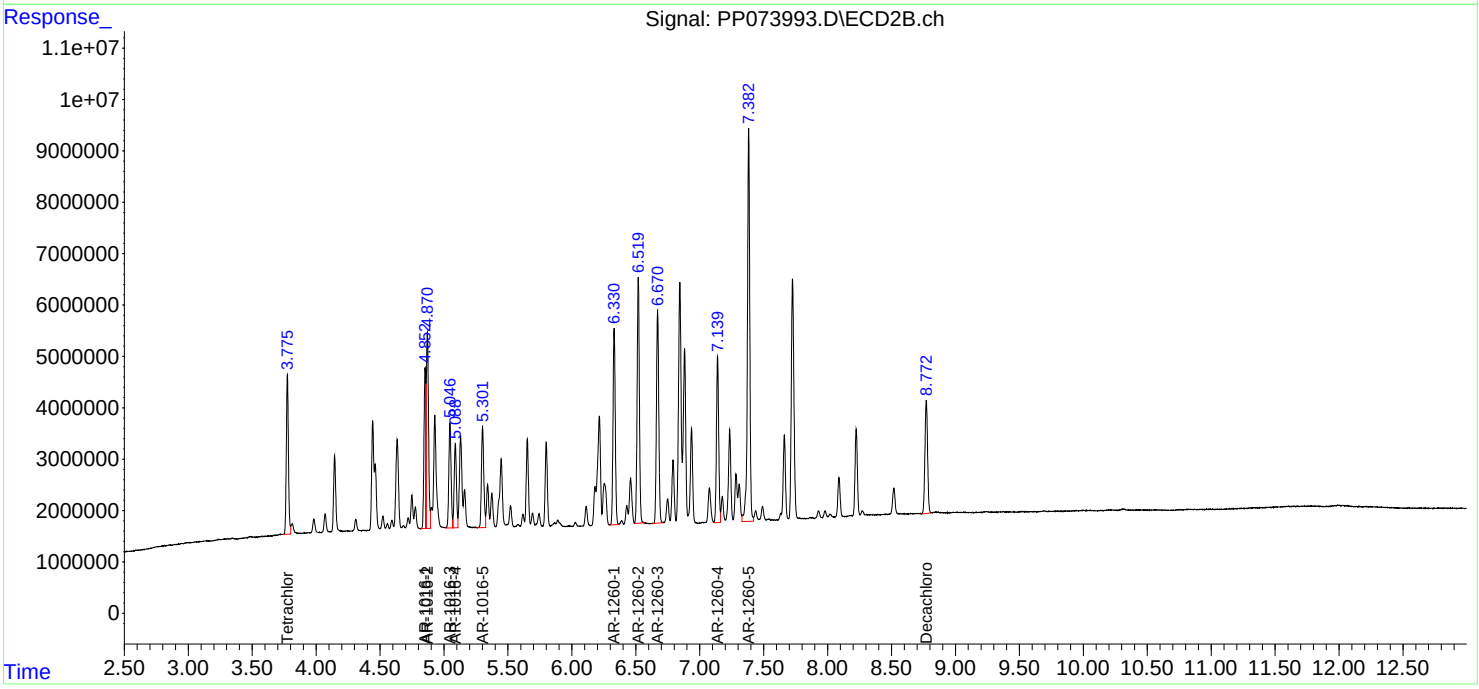
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:56
Operator : YP\AJ
Sample : PB168927BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

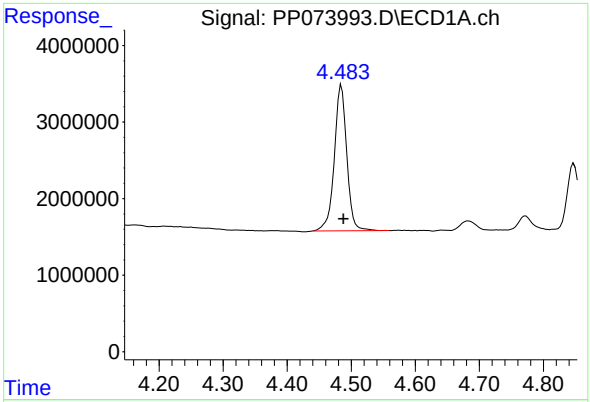
Instrument :
ECD_P
ClientSampleId :
PB168927BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 02:12:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



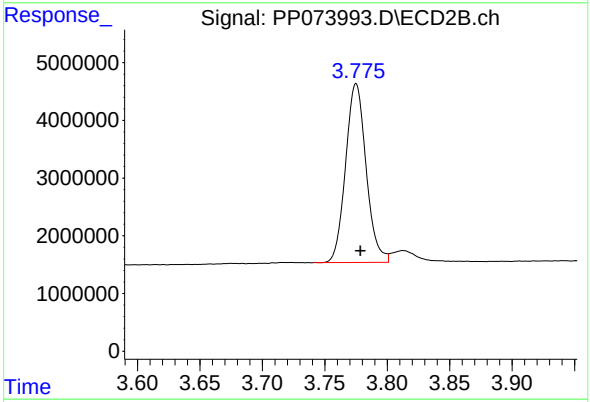




#1 Tetrachloro-m-xylene

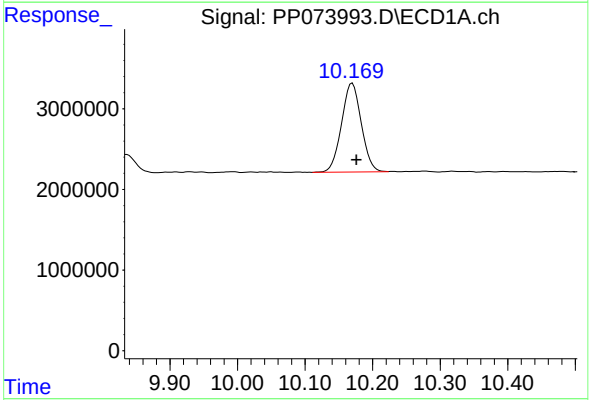
R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 25710118
Conc: 18.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BS



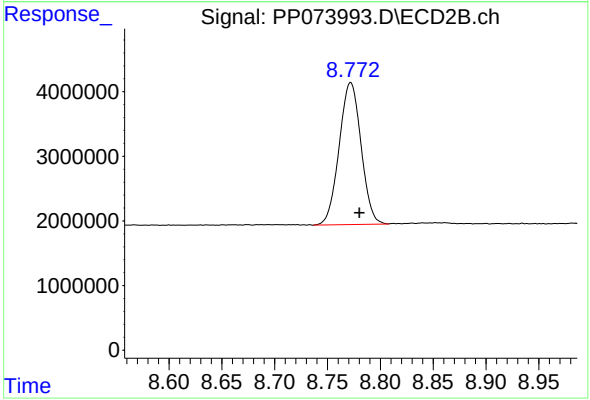
#1 Tetrachloro-m-xylene

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 35503610
Conc: 19.27 ng/ml



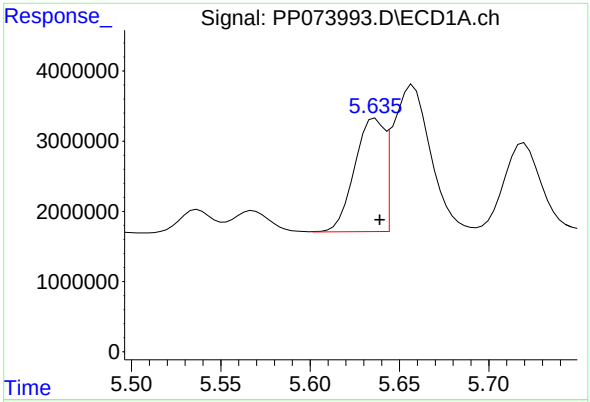
#2 Decachlorobiphenyl

R.T.: 10.170 min
Delta R.T.: -0.006 min
Response: 22397635
Conc: 20.53 ng/ml



#2 Decachlorobiphenyl

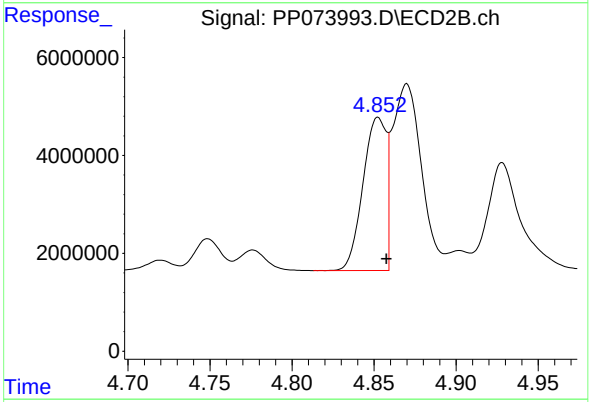
R.T.: 8.772 min
Delta R.T.: -0.008 min
Response: 31653782
Conc: 23.92 ng/ml



#3 AR-1016-1

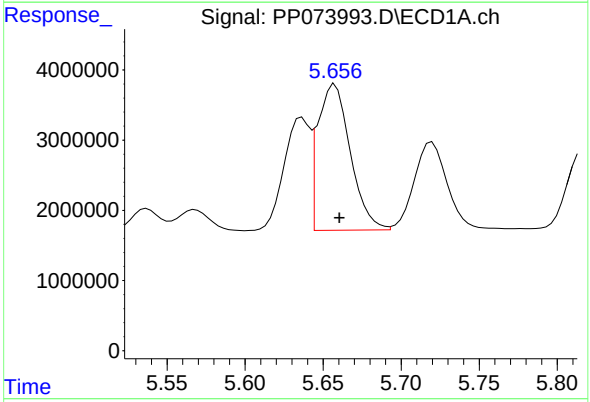
R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 18648947
Conc: 392.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BS



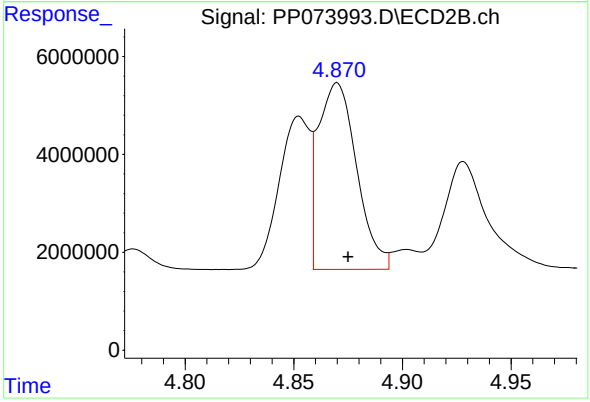
#3 AR-1016-1

R.T.: 4.852 min
Delta R.T.: -0.005 min
Response: 30859437
Conc: 452.65 ng/ml



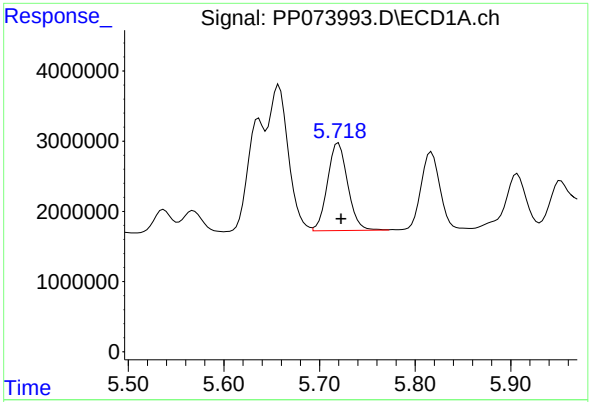
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 30337806
Conc: 426.00 ng/ml



#4 AR-1016-2

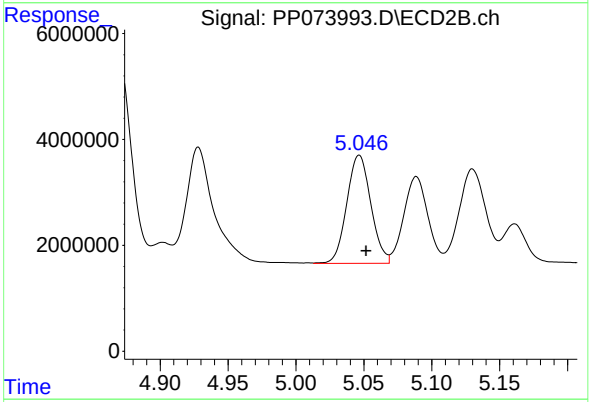
R.T.: 4.870 min
Delta R.T.: -0.005 min
Response: 46806903
Conc: 459.41 ng/ml



#5 AR-1016-3

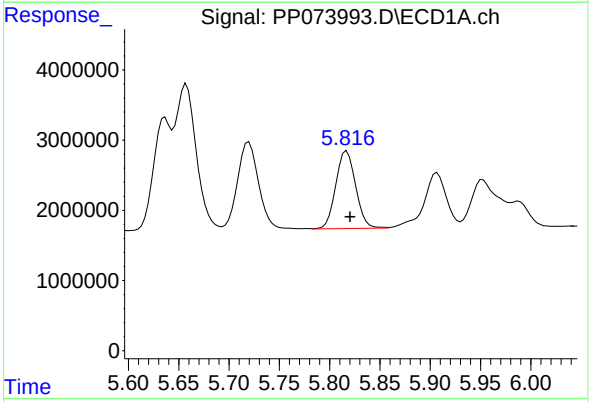
R.T.: 5.720 min
Delta R.T.: -0.003 min
Response: 18341794
Conc: 420.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BS



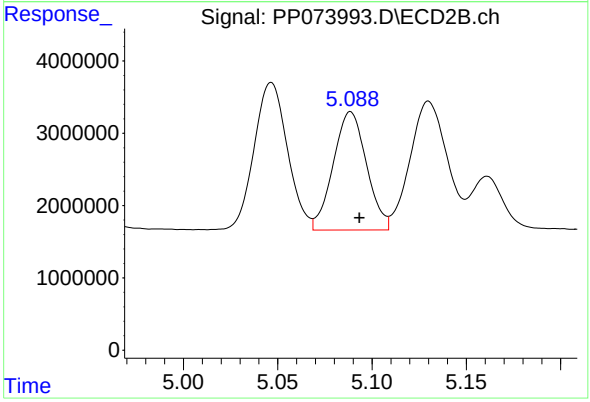
#5 AR-1016-3

R.T.: 5.047 min
Delta R.T.: -0.005 min
Response: 25209696
Conc: 465.93 ng/ml



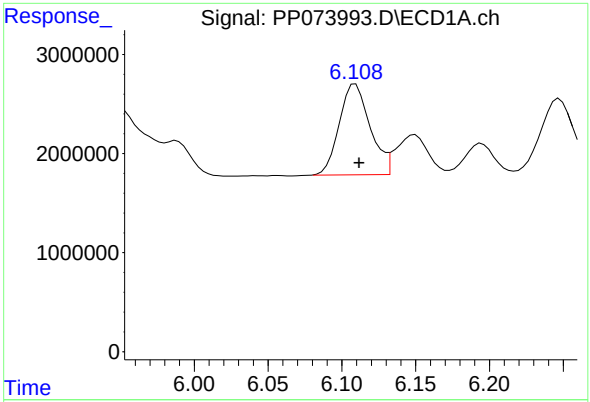
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 15197443
Conc: 422.79 ng/ml



#6 AR-1016-4

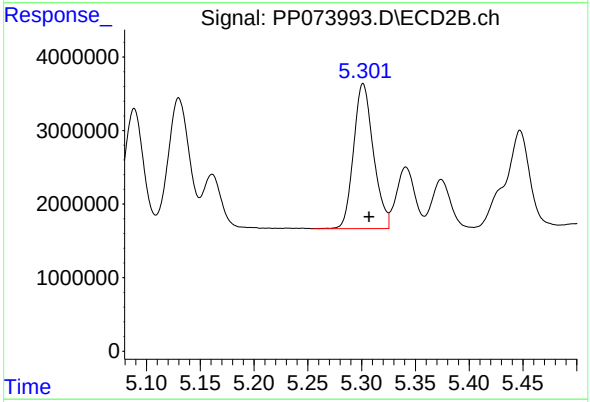
R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 20133996
Conc: 458.83 ng/ml



#7 AR-1016-5

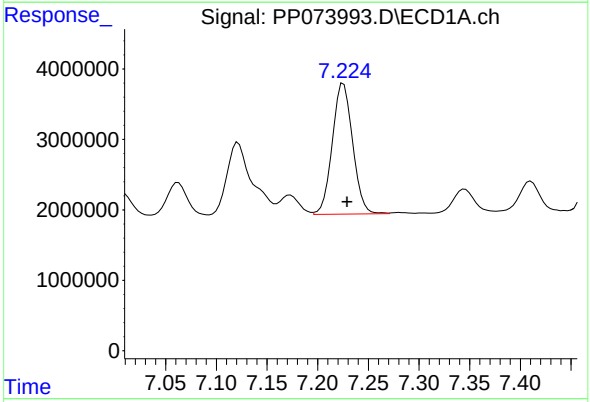
R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 13328312
Conc: 425.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BS



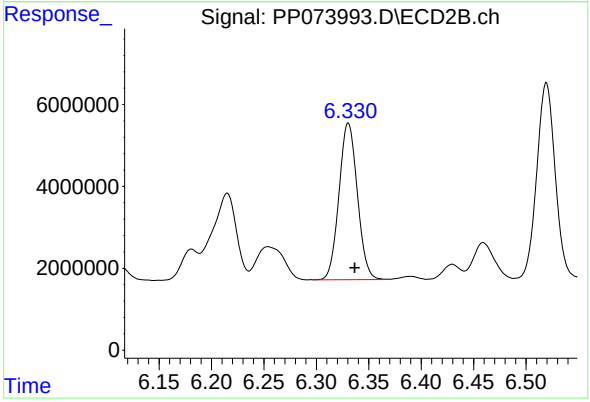
#7 AR-1016-5

R.T.: 5.301 min
Delta R.T.: -0.006 min
Response: 25250923
Conc: 462.62 ng/ml



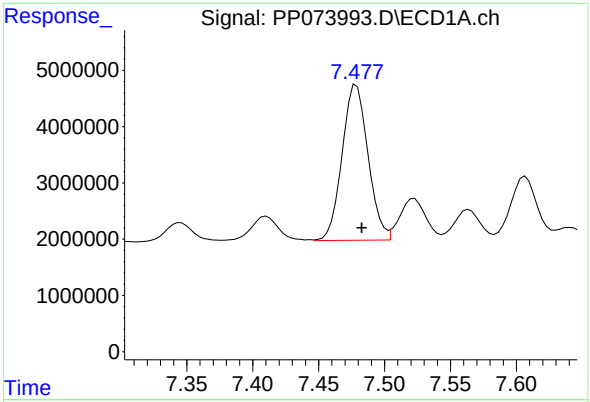
#31 AR-1260-1

R.T.: 7.226 min
Delta R.T.: -0.004 min
Response: 25980515
Conc: 440.64 ng/ml



#31 AR-1260-1

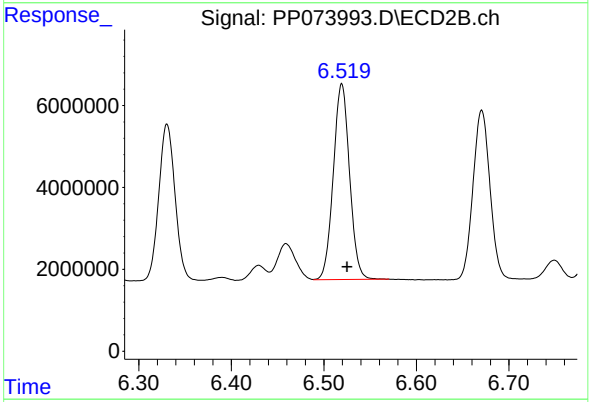
R.T.: 6.330 min
Delta R.T.: -0.006 min
Response: 46681069
Conc: 478.48 ng/ml



#32 AR-1260-2

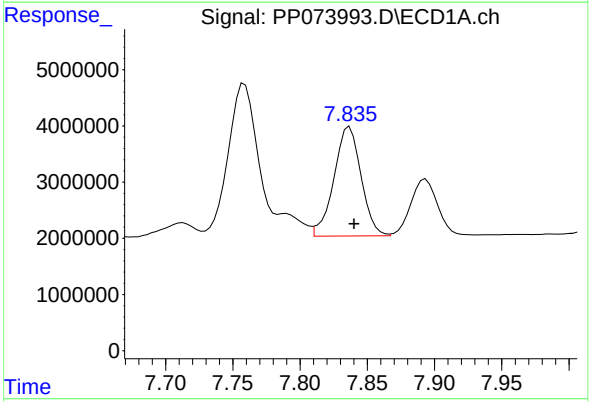
R.T.: 7.479 min
Delta R.T.: -0.004 min
Response: 37795564
Conc: 394.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BS



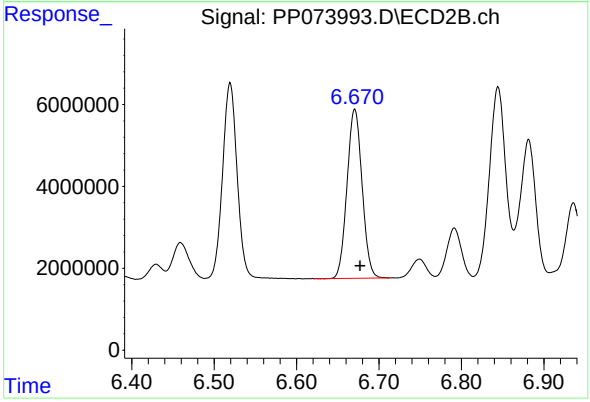
#32 AR-1260-2

R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 58282520
Conc: 474.47 ng/ml



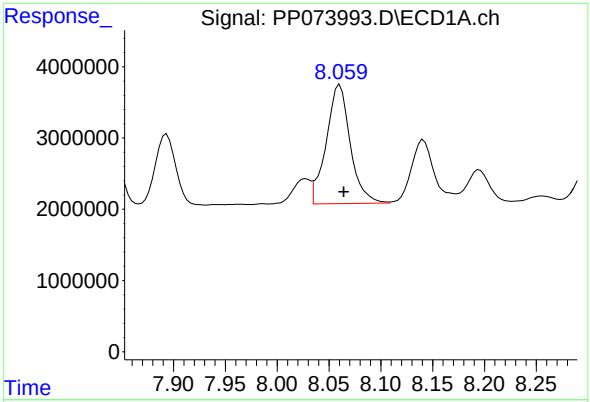
#33 AR-1260-3

R.T.: 7.837 min
Delta R.T.: -0.004 min
Response: 27297740
Conc: 373.58 ng/ml



#33 AR-1260-3

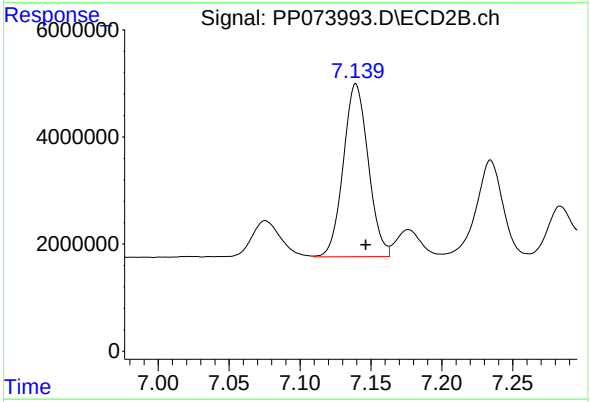
R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 52505882
Conc: 479.66 ng/ml



#34 AR-1260-4

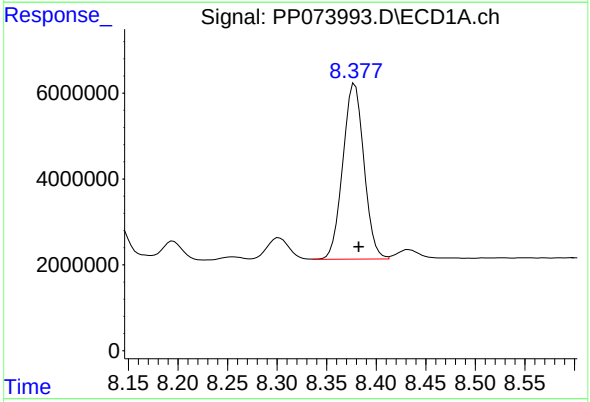
R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 26969847
Conc: 413.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168927BS



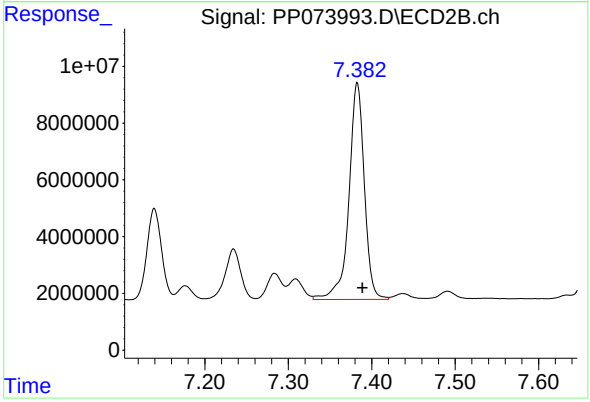
#34 AR-1260-4

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 39497845
Conc: 441.77 ng/ml



#35 AR-1260-5

R.T.: 8.378 min
Delta R.T.: -0.004 min
Response: 60726734
Conc: 402.56 ng/ml



#35 AR-1260-5

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 97958387
Conc: 435.88 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	
Client Sample ID:	PB168946BS	SDG No.:	Q2645
Lab Sample ID:	PB168946BS	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
PO112376.D	1	07/22/25 09:40	07/22/25 13:53	PB168946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	163		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	153		3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		44 - 130		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		60 - 125		102%	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_O\Data\PO072225\
Data File : PO112376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:53
Operator : YP/AJ
Sample : PB168946BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168946BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.661	198.9E6	115.0E6	20.097	18.055m
2)	SA Decachlor...	8.694	8.641	138.8E6	33602766	20.304	19.497
	Target Compounds						
3)	L1 AR-1016-1	4.755	4.736	168.2E6	97526682	494.436	437.664m
4)	L1 AR-1016-2	4.774	4.755	252.9E6	144.6E6	508.490	439.470m
5)	L1 AR-1016-3	4.831	4.930	156.3E6	76651180	482.700	451.243m
6)	L1 AR-1016-4	4.951	4.972	128.1E6	61012265	498.882	444.607m
7)	L1 AR-1016-5	5.208	5.184	128.4E6	75606725	469.263	438.426m
31)	L7 AR-1260-1	6.244	6.213	247.7E6	130.2E6	494.273	463.920
32)	L7 AR-1260-2	6.434	6.401	364.1E6	161.4E6	493.291	474.612
33)	L7 AR-1260-3	6.800	6.552	275.2E6	129.1E6	419.906	468.322m
34)	L7 AR-1260-4	7.059	7.022	198.2E6	77422727	455.343	385.869m
35)	L7 AR-1260-5	7.302	7.265	553.8E6	169.1E6	438.616	377.734

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:53
Operator : YP/AJ
Sample : PB168946BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

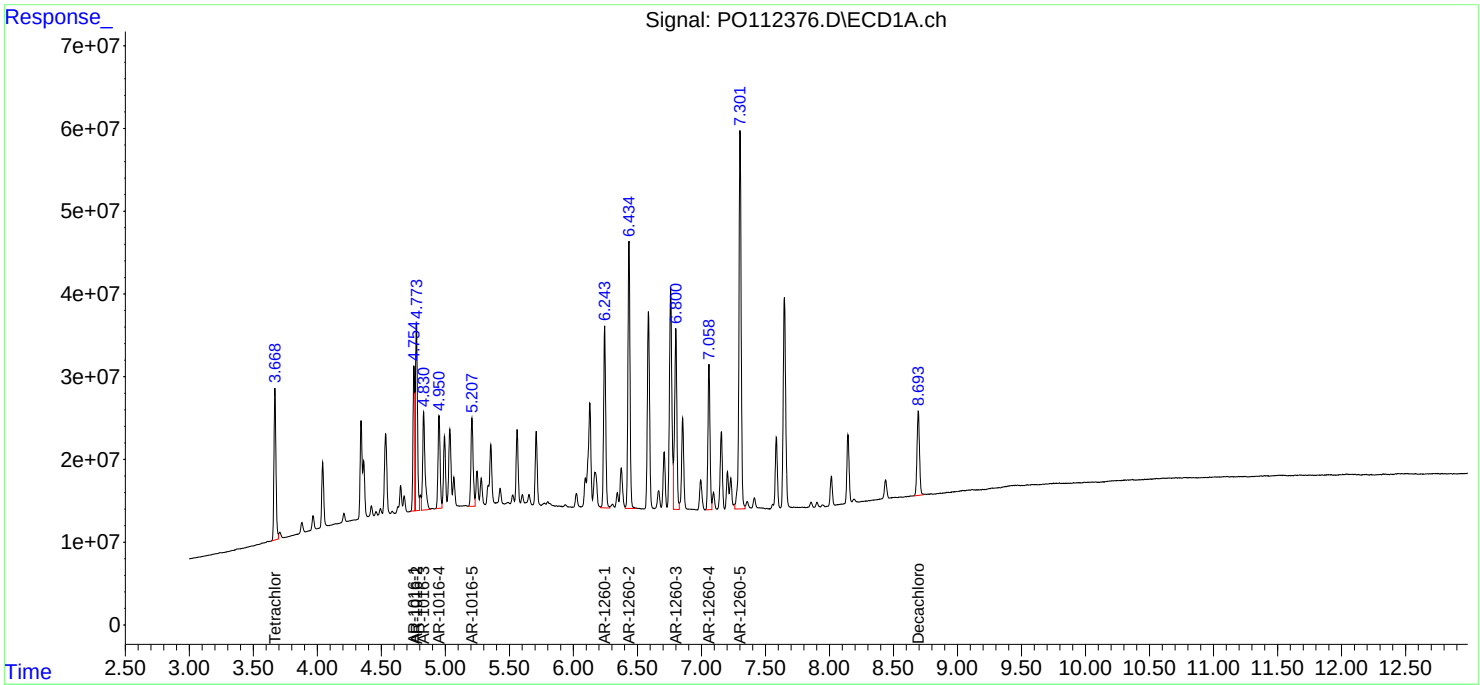
Instrument :
ECD_O
ClientSampleId :
PB168946BS

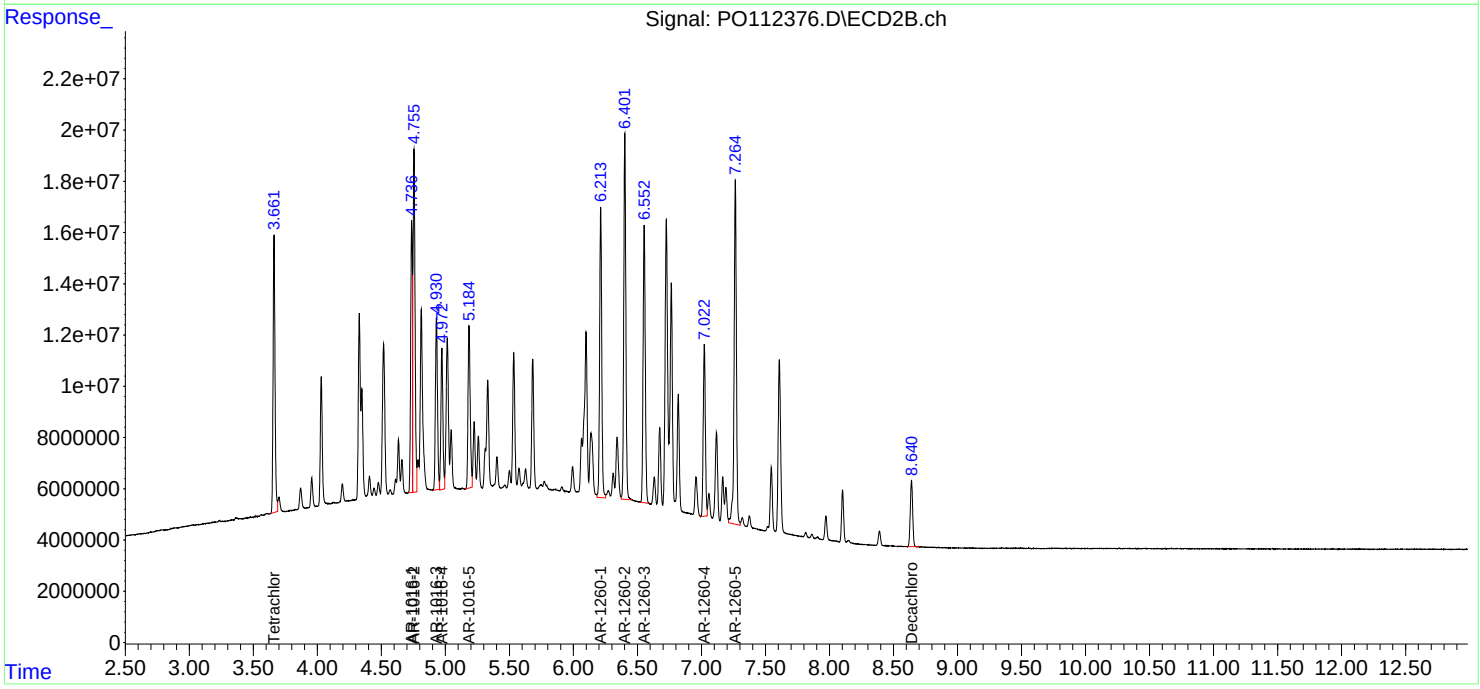
Manual Integrations APPROVED

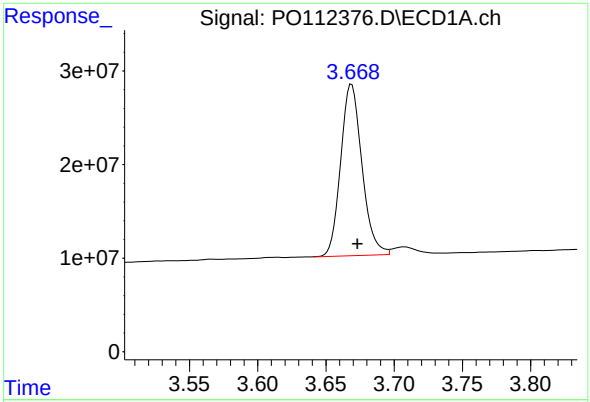
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







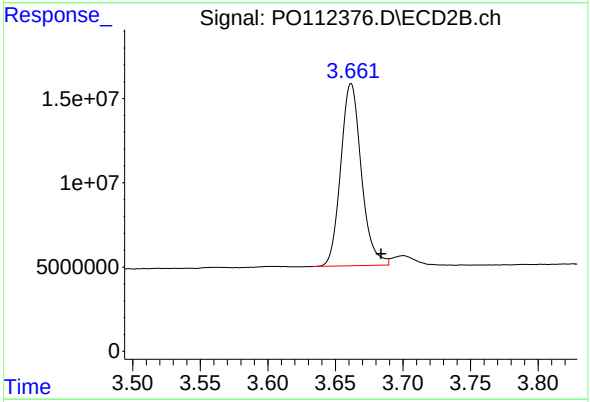
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 198851364
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS

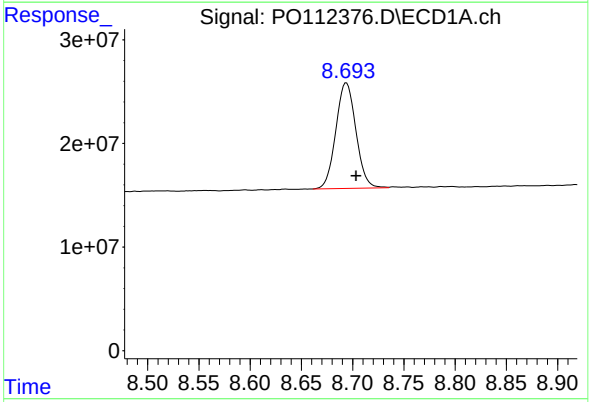
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



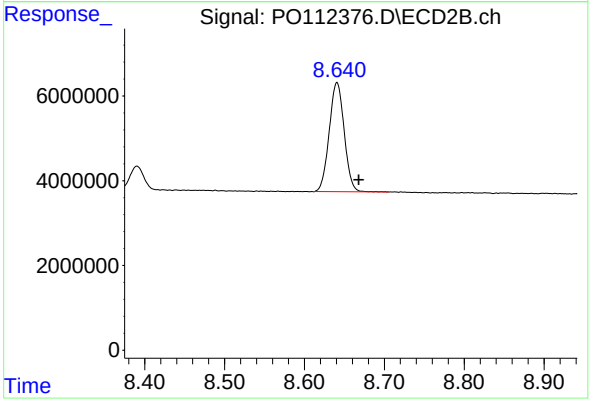
#1 Tetrachloro-m-xylene

R.T.: 3.661 min
Delta R.T.: -0.022 min
Response: 115032616
Conc: 18.06 ng/ml m



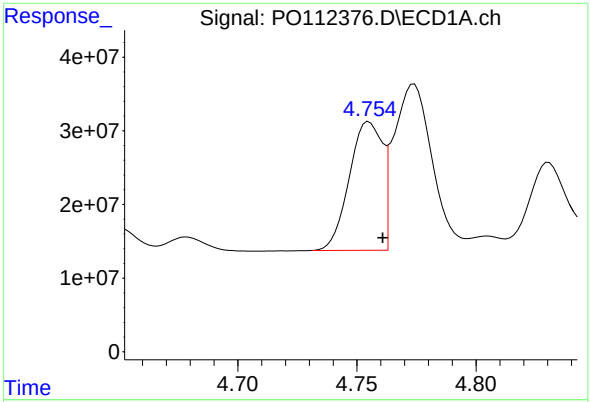
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.010 min
Response: 138816170
Conc: 20.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 33602766
Conc: 19.50 ng/ml



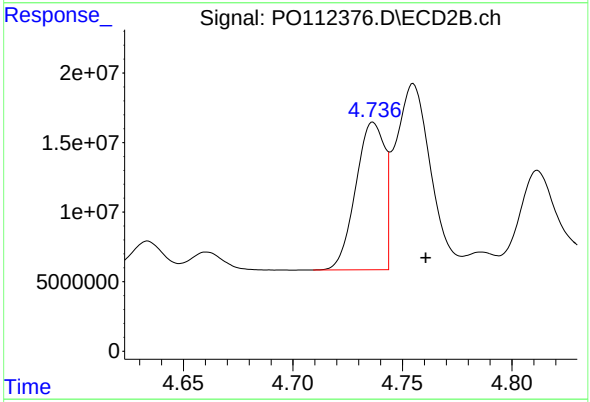
#3 AR-1016-1

R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 168169014
Conc: 494.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS

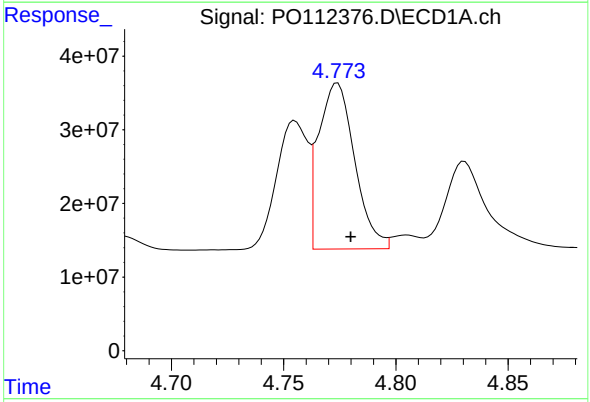
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



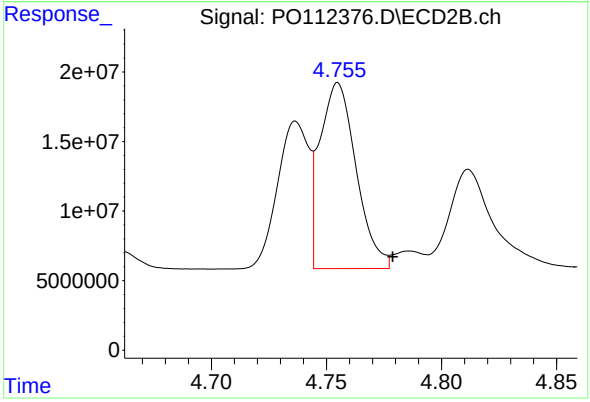
#3 AR-1016-1

R.T.: 4.736 min
Delta R.T.: -0.024 min
Response: 97526682
Conc: 437.66 ng/ml m



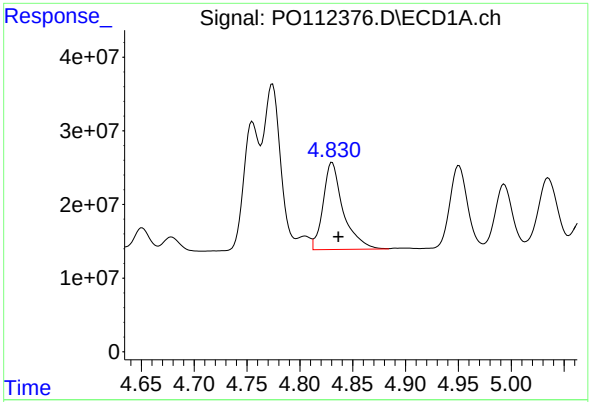
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 252867974
Conc: 508.49 ng/ml



#4 AR-1016-2

R.T.: 4.755 min
Delta R.T.: -0.024 min
Response: 144628478
Conc: 439.47 ng/ml m



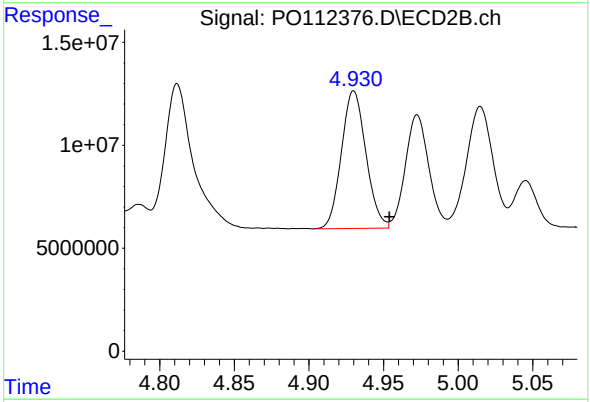
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: -0.006 min
Response: 156256846
Conc: 482.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS

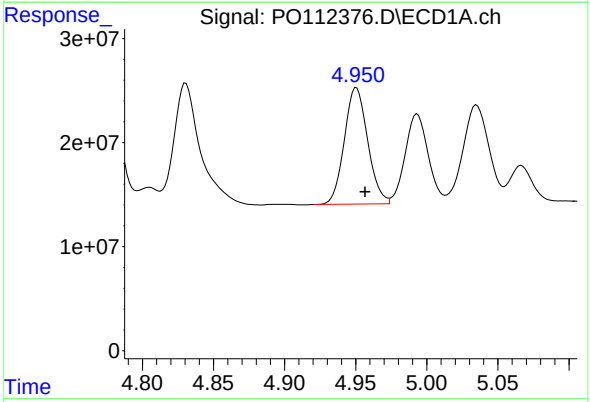
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



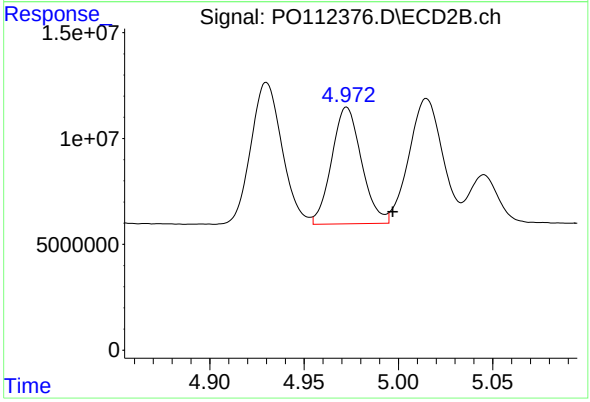
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: -0.024 min
Response: 76651180
Conc: 451.24 ng/ml m



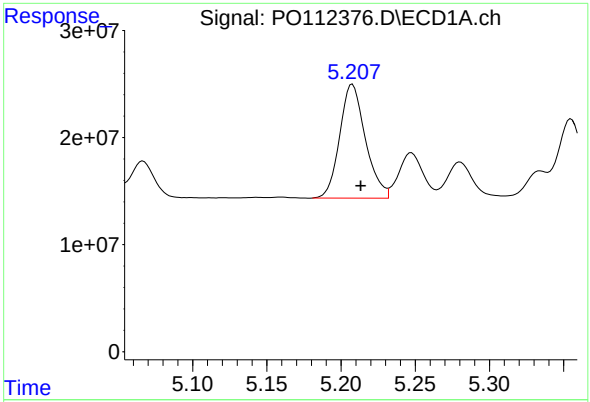
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 128112782
Conc: 498.88 ng/ml



#6 AR-1016-4

R.T.: 4.972 min
Delta R.T.: -0.025 min
Response: 61012265
Conc: 444.61 ng/ml m



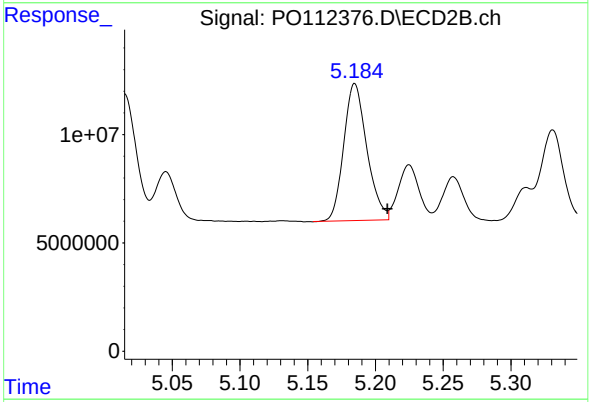
#7 AR-1016-5

R.T.: 5.208 min
Delta R.T.: -0.006 min
Response: 128419499
Conc: 469.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS

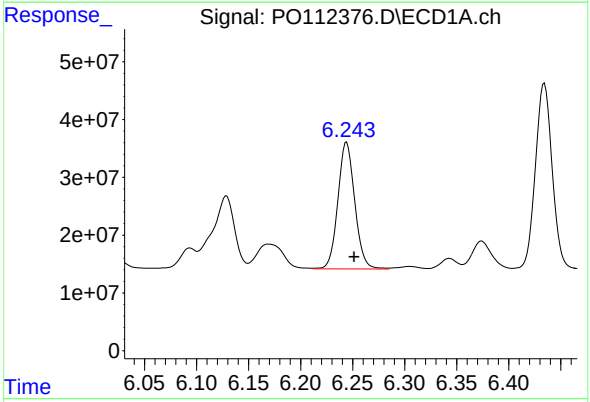
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



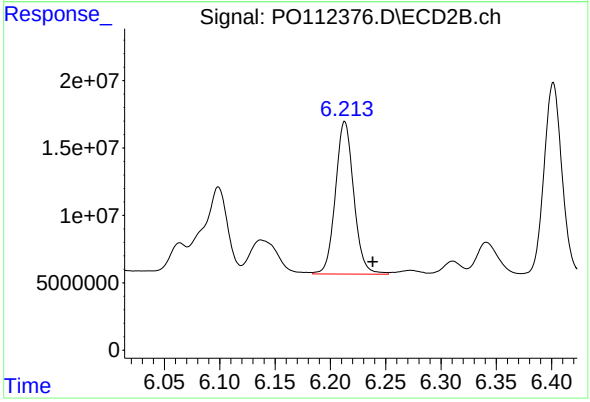
#7 AR-1016-5

R.T.: 5.184 min
Delta R.T.: -0.025 min
Response: 75606725
Conc: 438.43 ng/ml m



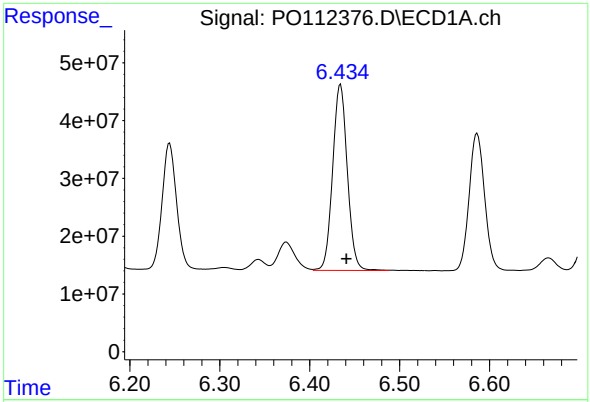
#31 AR-1260-1

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 247748858
Conc: 494.27 ng/ml



#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: -0.025 min
Response: 130158507
Conc: 463.92 ng/ml



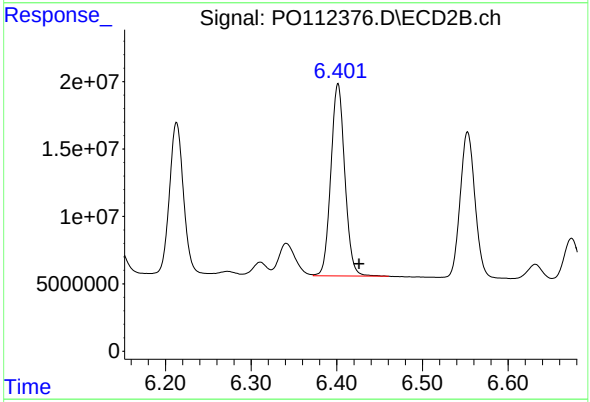
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: -0.007 min
Response: 364115313
Conc: 493.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS

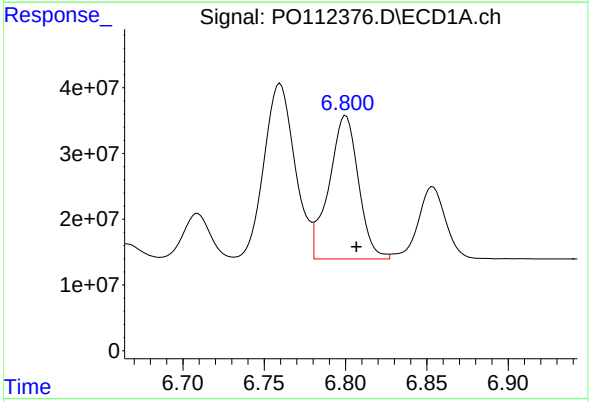
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



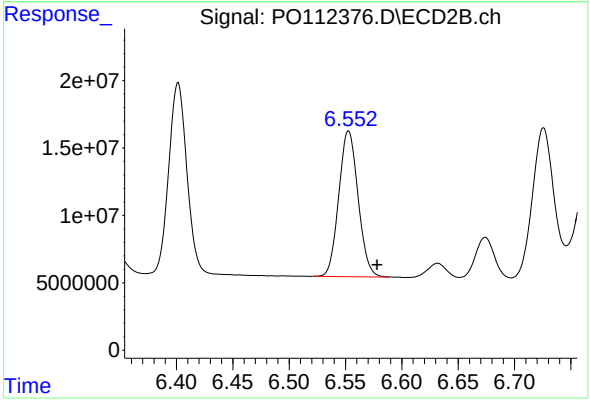
#32 AR-1260-2

R.T.: 6.401 min
Delta R.T.: -0.025 min
Response: 161366486
Conc: 474.61 ng/ml



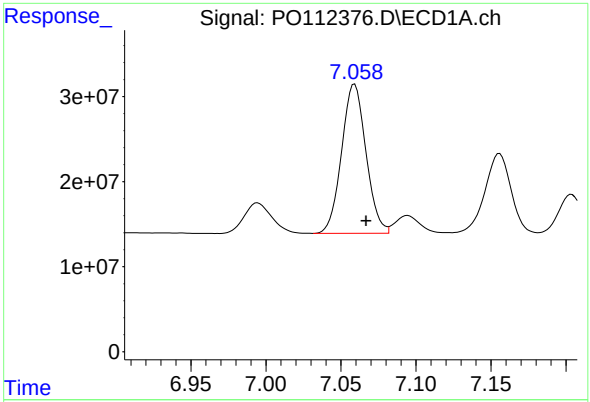
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 275240583
Conc: 419.91 ng/ml



#33 AR-1260-3

R.T.: 6.552 min
Delta R.T.: -0.026 min
Response: 129063042
Conc: 468.32 ng/ml m



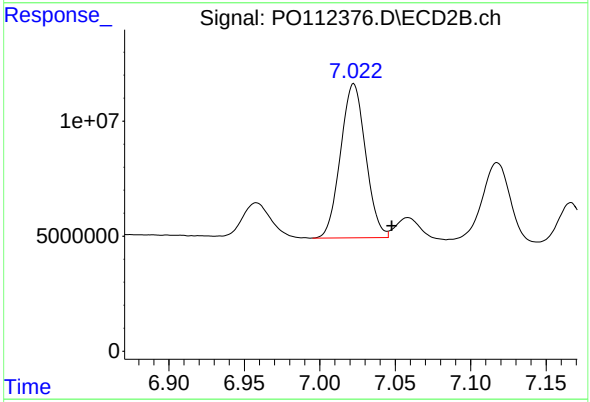
#34 AR-1260-4

R.T.: 7.059 min
Delta R.T.: -0.008 min
Response: 198186848
Conc: 455.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS

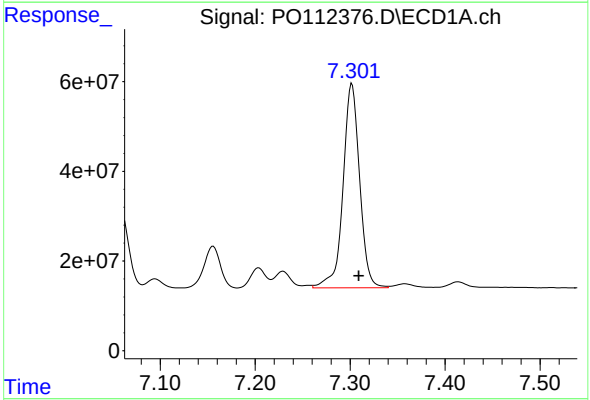
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



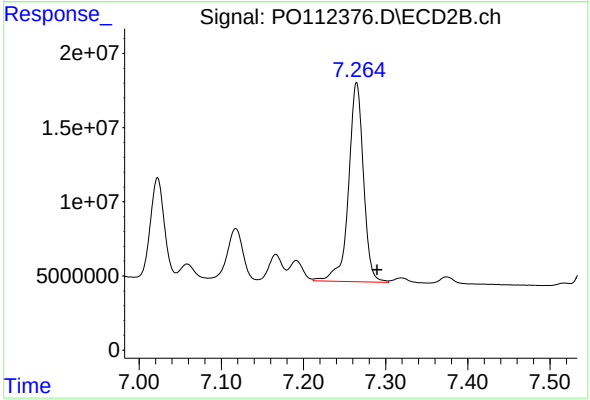
#34 AR-1260-4

R.T.: 7.022 min
Delta R.T.: -0.026 min
Response: 77422727
Conc: 385.87 ng/ml m



#35 AR-1260-5

R.T.: 7.302 min
Delta R.T.: -0.007 min
Response: 553768941
Conc: 438.62 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.025 min
Response: 169122417
Conc: 377.73 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/17/25
Client Sample ID:	RT2286MS	SDG No.:	Q2645
Lab Sample ID:	Q2635-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.8 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
PP073984.D	1	07/21/25 08:30	07/21/25 13:40	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	177		4.70	9.80	20.0	ug/kg
11104-28-2	Aroclor-1221	15.3	U	4.70	15.3	20.0	ug/kg
11141-16-5	Aroclor-1232	9.80	U	4.40	9.80	20.0	ug/kg
53469-21-9	Aroclor-1242	9.80	U	4.70	9.80	20.0	ug/kg
12672-29-6	Aroclor-1248	15.3	U	7.00	15.3	20.0	ug/kg
11097-69-1	Aroclor-1254	9.80	U	3.80	9.80	20.0	ug/kg
37324-23-5	Aroclor-1262	15.3	U	5.90	15.3	20.0	ug/kg
11100-14-4	Aroclor-1268	9.80	U	4.20	9.80	20.0	ug/kg
11096-82-5	Aroclor-1260	214		3.80	9.80	20.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.9		44 - 130		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		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\PP072125\
Data File : PP073984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:40
Operator : YP\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RT2286MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.480	3.773	22954565	32913477	16.761m	17.866
2)	SA Decachlor...	10.168	8.770	19654459	26316757	18.014	19.889
	Target Compounds						
3)	L1 AR-1016-1	5.633	4.849	18863800	29465448	397.019	432.205
4)	L1 AR-1016-2	5.654	4.867	29837172	43500761	418.974	426.962
5)	L1 AR-1016-3	5.716	5.043	18207530	24326097	417.001	449.598
6)	L1 AR-1016-4	5.813	5.085	16224197	19663890	451.354	448.120
7)	L1 AR-1016-5	6.107	5.298	17720270	24867794	565.593	455.600
31)	L7 AR-1260-1	7.222	6.328	34694505	55075376	588.429	564.527
32)	L7 AR-1260-2	7.476	6.517	49718794	66621540	518.769	542.355
33)	L7 AR-1260-3	7.834	6.668	37706644	60304176	516.030	550.905
34)	L7 AR-1260-4	8.058	7.137	36868595	47082456	564.604	526.600
35)	L7 AR-1260-5	8.375	7.380	80346257	117.2E6	532.614	521.396

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

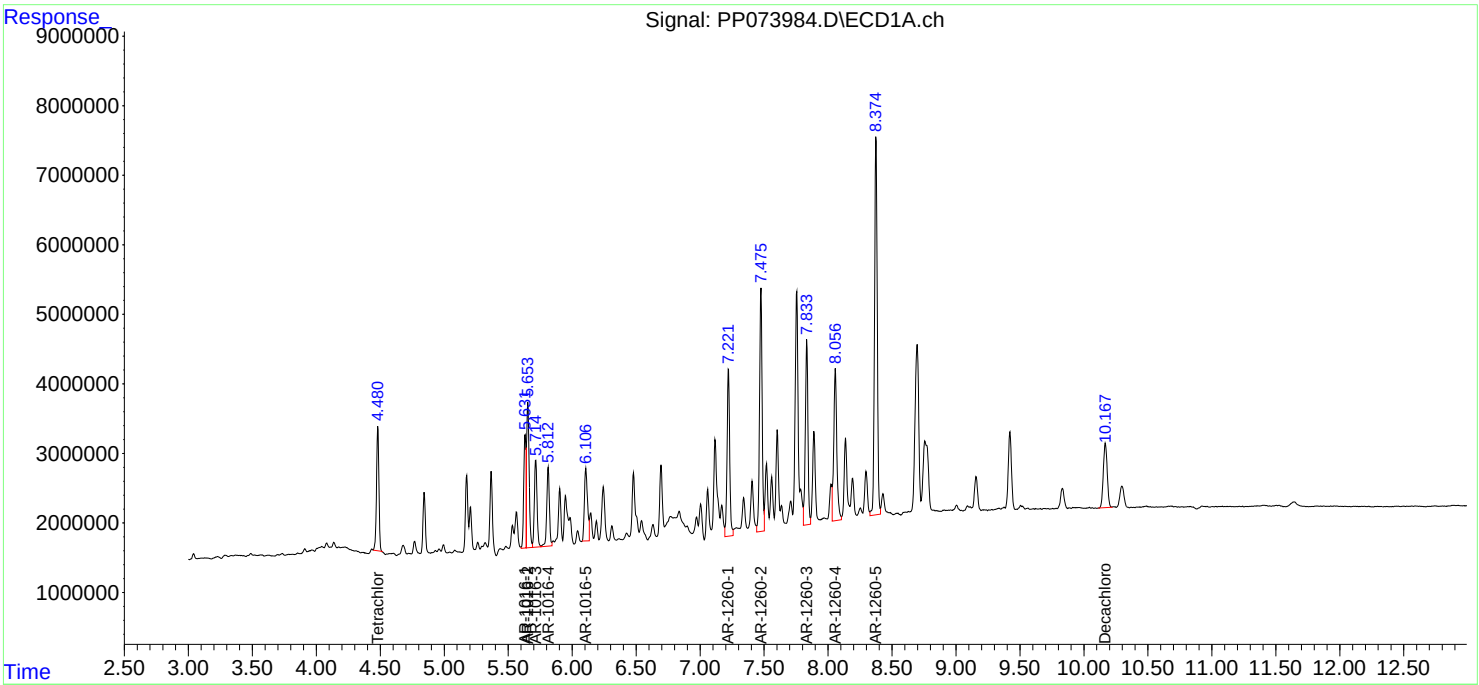
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:40
Operator : YP\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

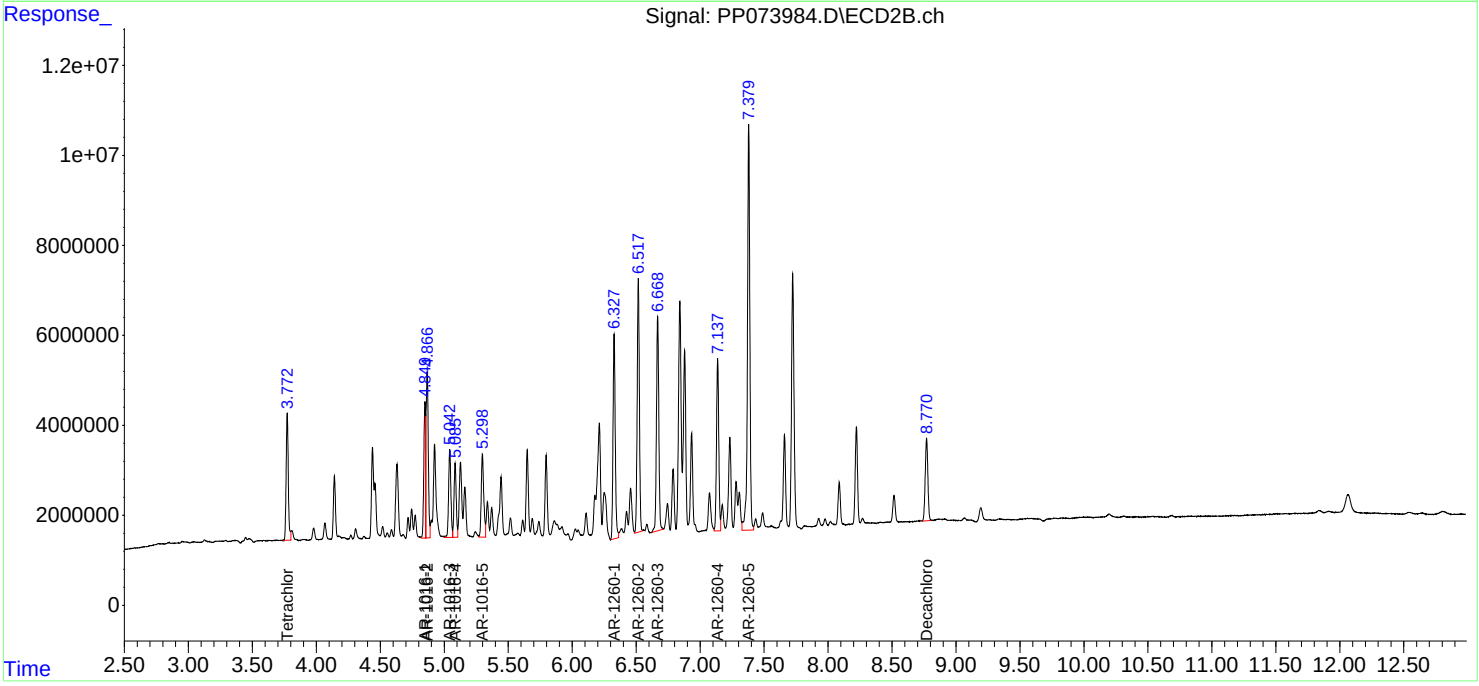
Instrument :
ECD_P
ClientSampleId :
RT2286MS

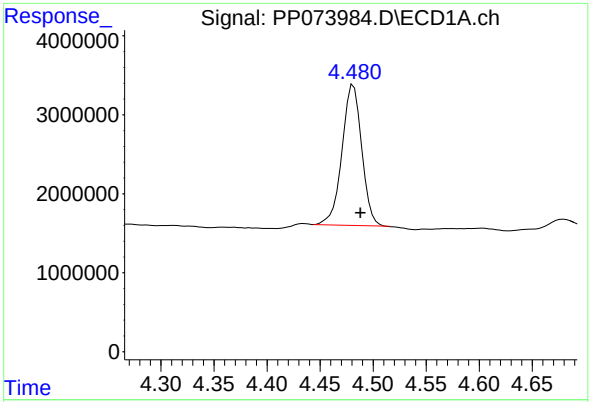
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







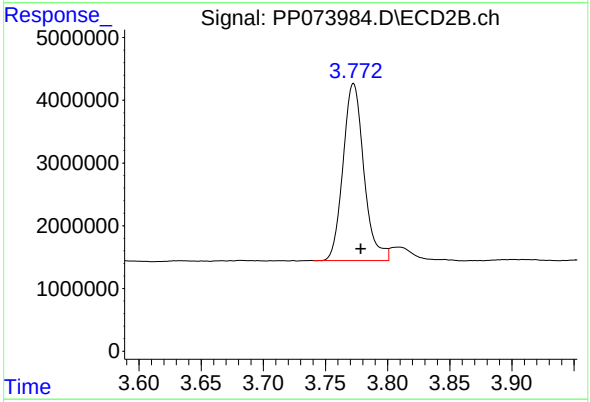
#1 Tetrachloro-m-xylene

R.T.: 4.480 min
Delta R.T.: -0.008 min
Response: 22954565
Conc: 16.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS

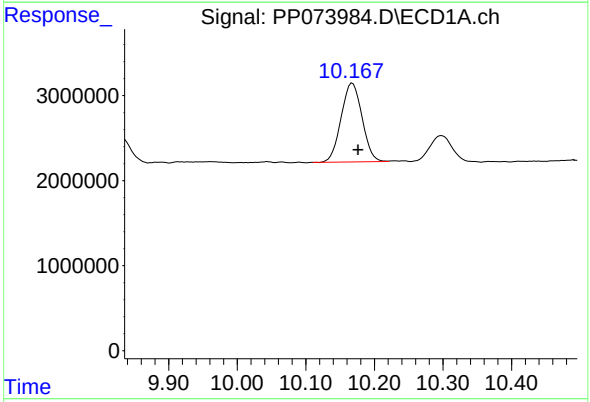
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



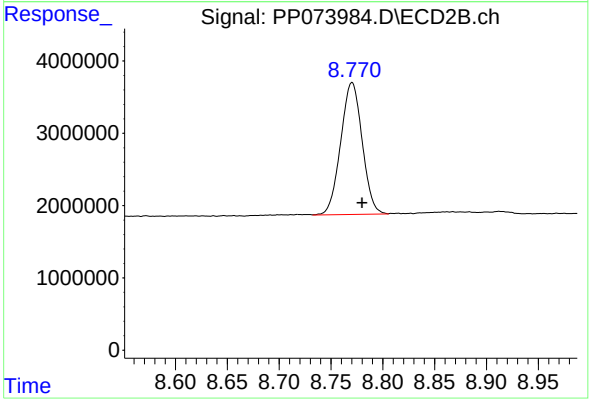
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: -0.006 min
Response: 32913477
Conc: 17.87 ng/ml



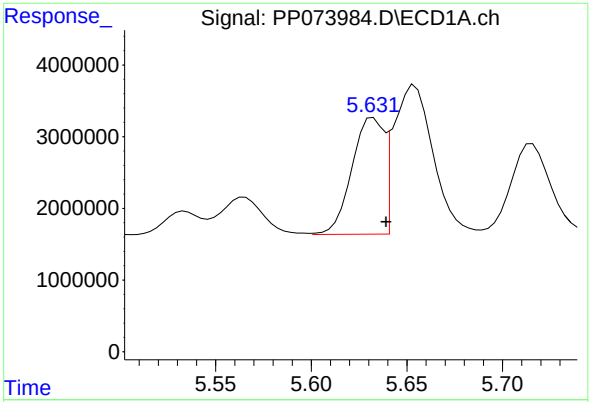
#2 Decachlorobiphenyl

R.T.: 10.168 min
Delta R.T.: -0.008 min
Response: 19654459
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: -0.010 min
Response: 26316757
Conc: 19.89 ng/ml



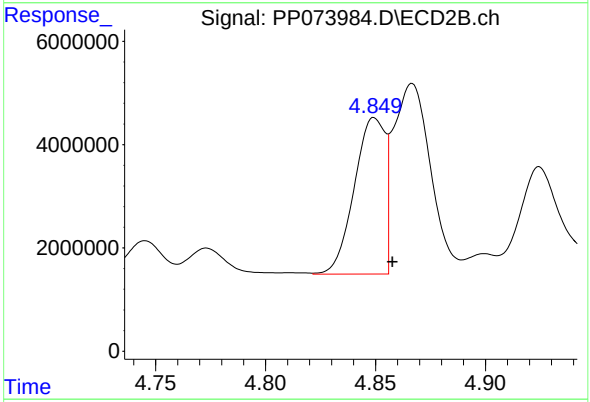
#3 AR-1016-1

R.T.: 5.633 min
Delta R.T.: -0.006 min
Response: 18863800
Conc: 397.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS

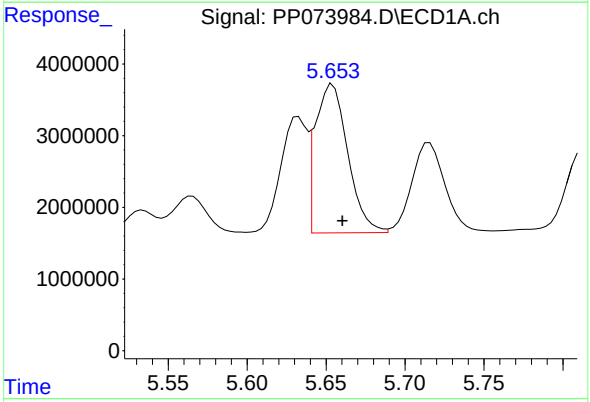
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



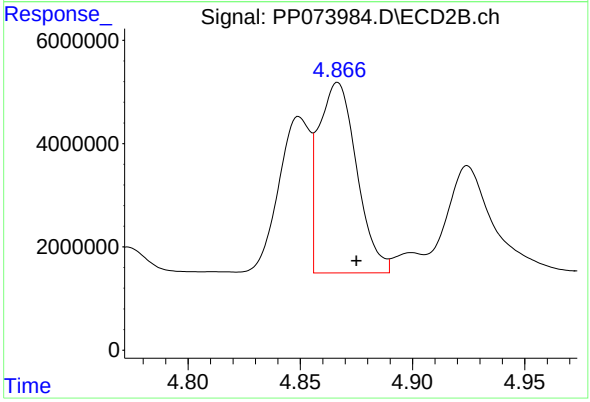
#3 AR-1016-1

R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 29465448
Conc: 432.20 ng/ml



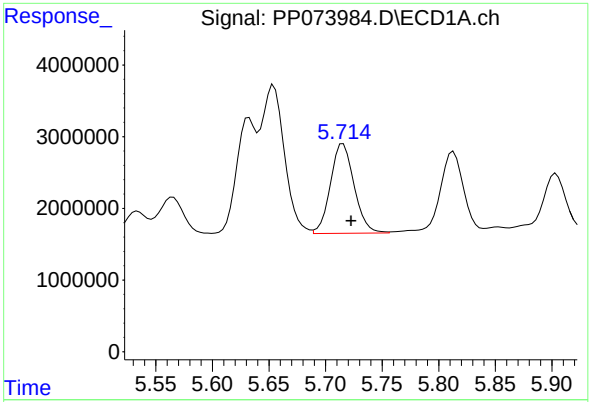
#4 AR-1016-2

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 29837172
Conc: 418.97 ng/ml



#4 AR-1016-2

R.T.: 4.867 min
Delta R.T.: -0.008 min
Response: 43500761
Conc: 426.96 ng/ml



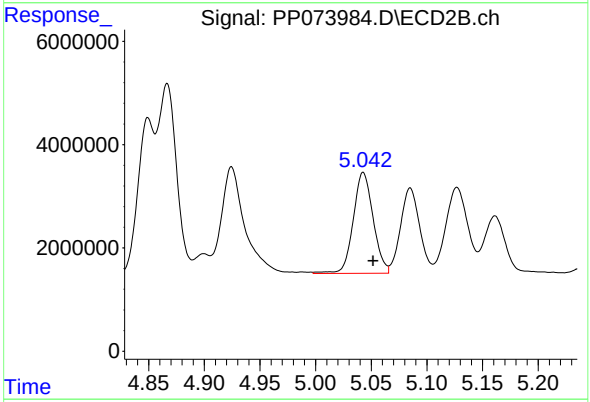
#5 AR-1016-3

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 18207530
Conc: 417.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS

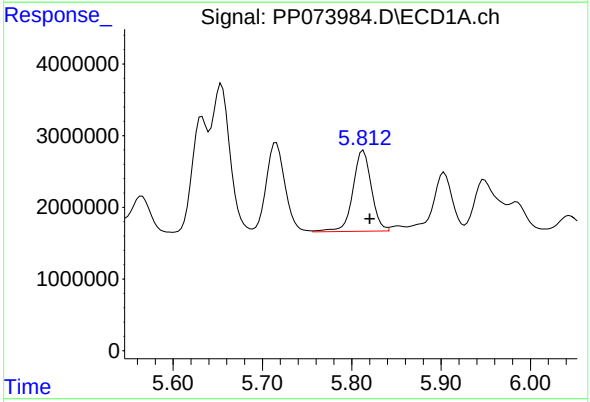
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



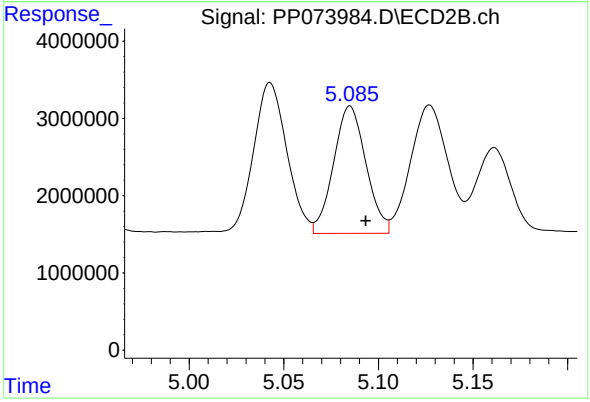
#5 AR-1016-3

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 24326097
Conc: 449.60 ng/ml



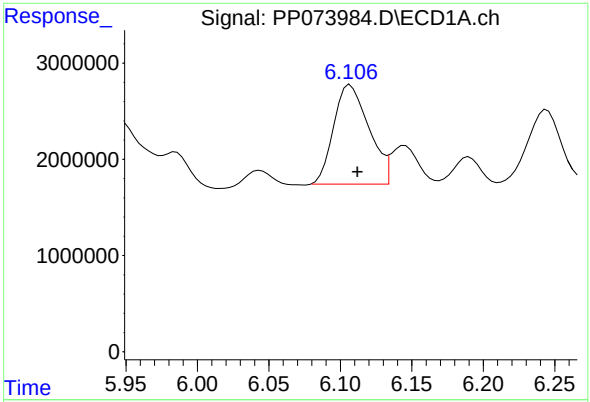
#6 AR-1016-4

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 16224197
Conc: 451.35 ng/ml



#6 AR-1016-4

R.T.: 5.085 min
Delta R.T.: -0.008 min
Response: 19663890
Conc: 448.12 ng/ml



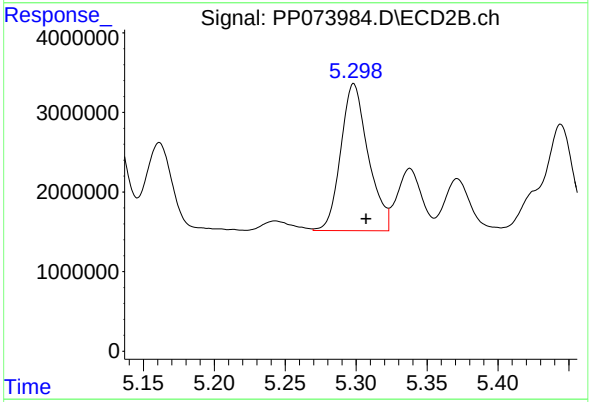
#7 AR-1016-5

R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 17720270
Conc: 565.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS

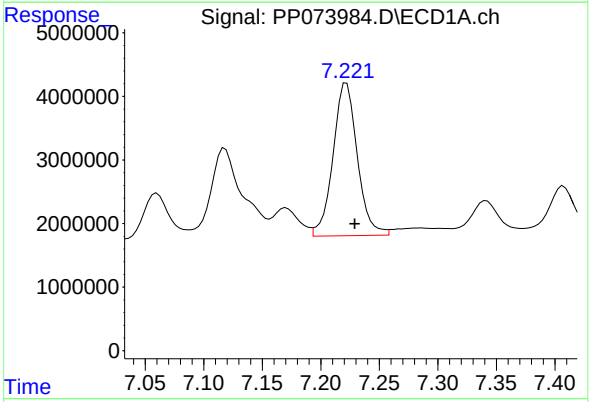
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



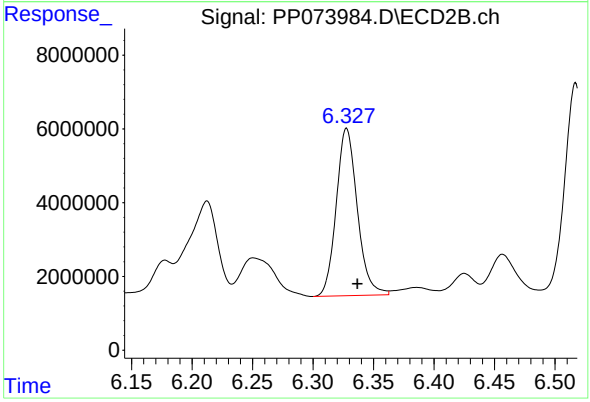
#7 AR-1016-5

R.T.: 5.298 min
Delta R.T.: -0.009 min
Response: 24867794
Conc: 455.60 ng/ml



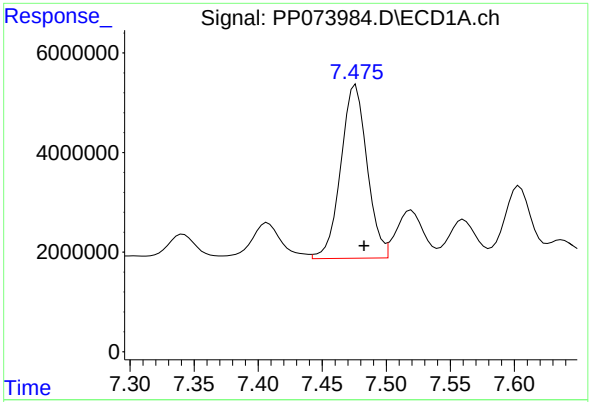
#31 AR-1260-1

R.T.: 7.222 min
Delta R.T.: -0.007 min
Response: 34694505
Conc: 588.43 ng/ml



#31 AR-1260-1

R.T.: 6.328 min
Delta R.T.: -0.009 min
Response: 55075376
Conc: 564.53 ng/ml



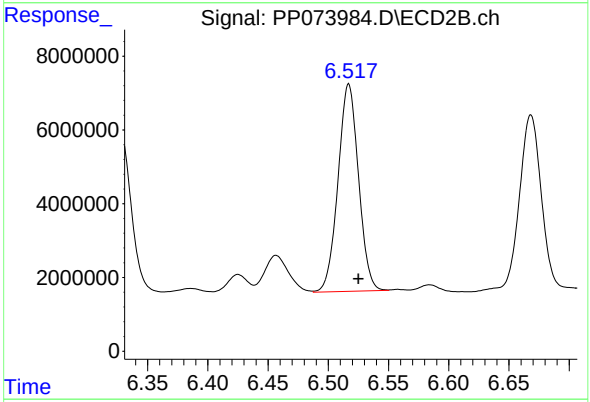
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: -0.007 min
Response: 49718794
Conc: 518.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS

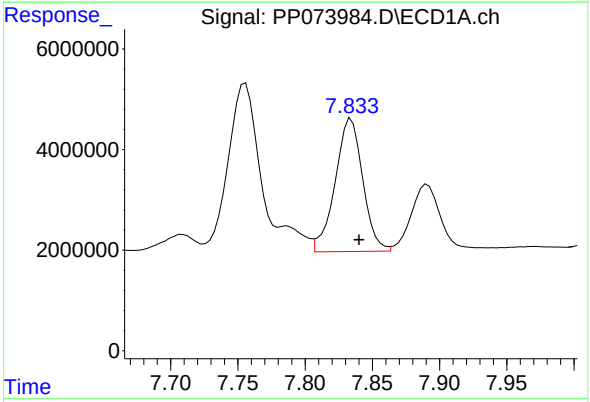
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



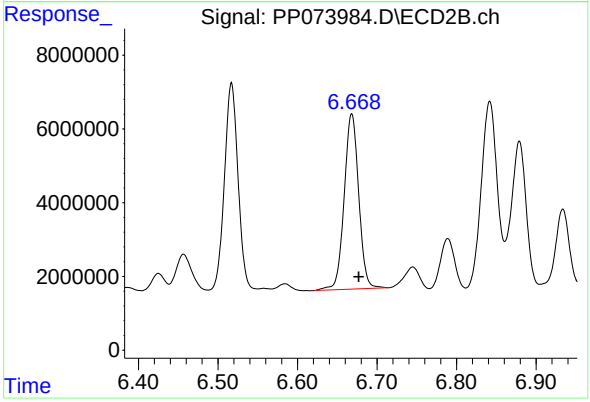
#32 AR-1260-2

R.T.: 6.517 min
Delta R.T.: -0.008 min
Response: 66621540
Conc: 542.35 ng/ml



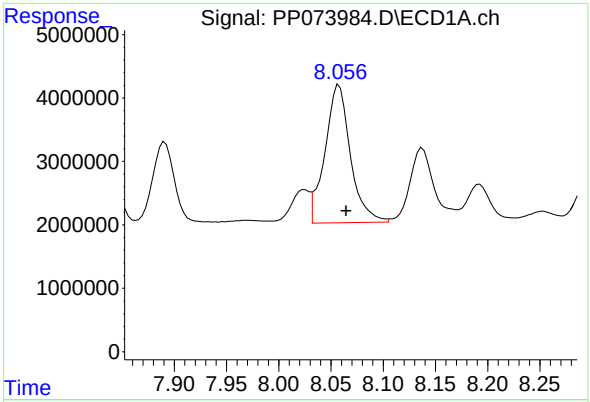
#33 AR-1260-3

R.T.: 7.834 min
Delta R.T.: -0.006 min
Response: 37706644
Conc: 516.03 ng/ml



#33 AR-1260-3

R.T.: 6.668 min
Delta R.T.: -0.009 min
Response: 60304176
Conc: 550.91 ng/ml



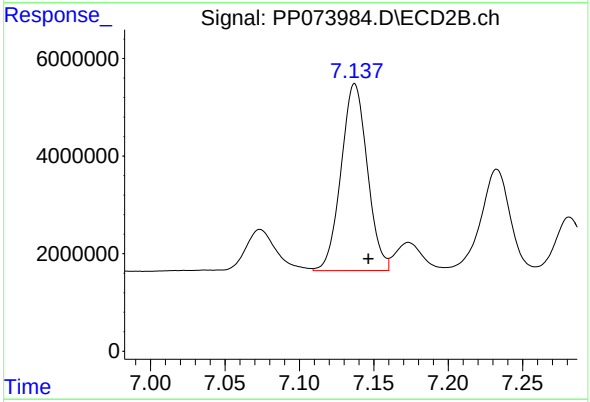
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 36868595
Conc: 564.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS

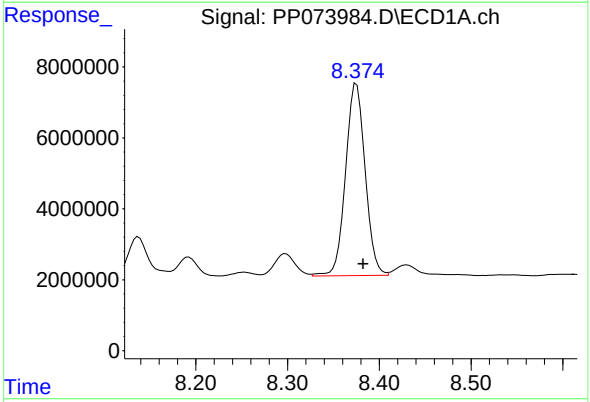
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



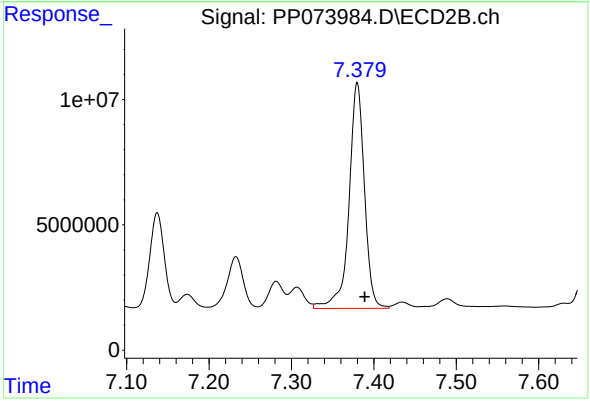
#34 AR-1260-4

R.T.: 7.137 min
Delta R.T.: -0.009 min
Response: 47082456
Conc: 526.60 ng/ml



#35 AR-1260-5

R.T.: 8.375 min
Delta R.T.: -0.007 min
Response: 80346257
Conc: 532.61 ng/ml



#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 117176775
Conc: 521.40 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-1MS	SDG No.:	Q2645
Lab Sample ID:	Q2649-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.3 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
PO112379.D	1	07/22/25 09:40	07/22/25 14:48	PB168946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	197		4.40	9.30	19.0	ug/kg
11104-28-2	Aroclor-1221	14.5	U	4.50	14.5	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	14.5	U	6.60	14.5	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	14.5	U	5.60	14.5	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	168		3.60	9.30	19.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.5		44 - 130		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 125		88%	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_O\Data\PO072225\
Data File : PO112379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:48
Operator : YP/AJ
Sample : Q2649-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.662	242.1E6	141.5E6	24.470	22.207m
2)	SA Decachlor...	8.694	8.641	120.5E6	29581830	17.626	17.164
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	184.1E6	106.3E6	541.329	476.881m
4)	L1 AR-1016-2	4.774	4.755	268.0E6	164.0E6	538.955	498.371m
5)	L1 AR-1016-3	4.831	4.930	168.4E6	85603616	520.216	503.945m
6)	L1 AR-1016-4	4.951	4.973	138.3E6	69060216	538.405	503.253m
7)	L1 AR-1016-5	5.207	5.185	137.4E6	82751145	502.246	479.855m
31)	L7 AR-1260-1	6.245	6.214	304.3E6	146.1E6	607.036	520.752
32)	L7 AR-1260-2	6.434	6.402	342.0E6	158.1E6	463.343m	465.074m
33)	L7 AR-1260-3	6.801	6.553	245.9E6	128.7E6	375.115	466.935m
34)	L7 AR-1260-4	7.060	7.023	183.0E6	75852839	420.489	378.045m
35)	L7 AR-1260-5	7.303	7.265	482.0E6	165.7E6	381.763	370.024

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

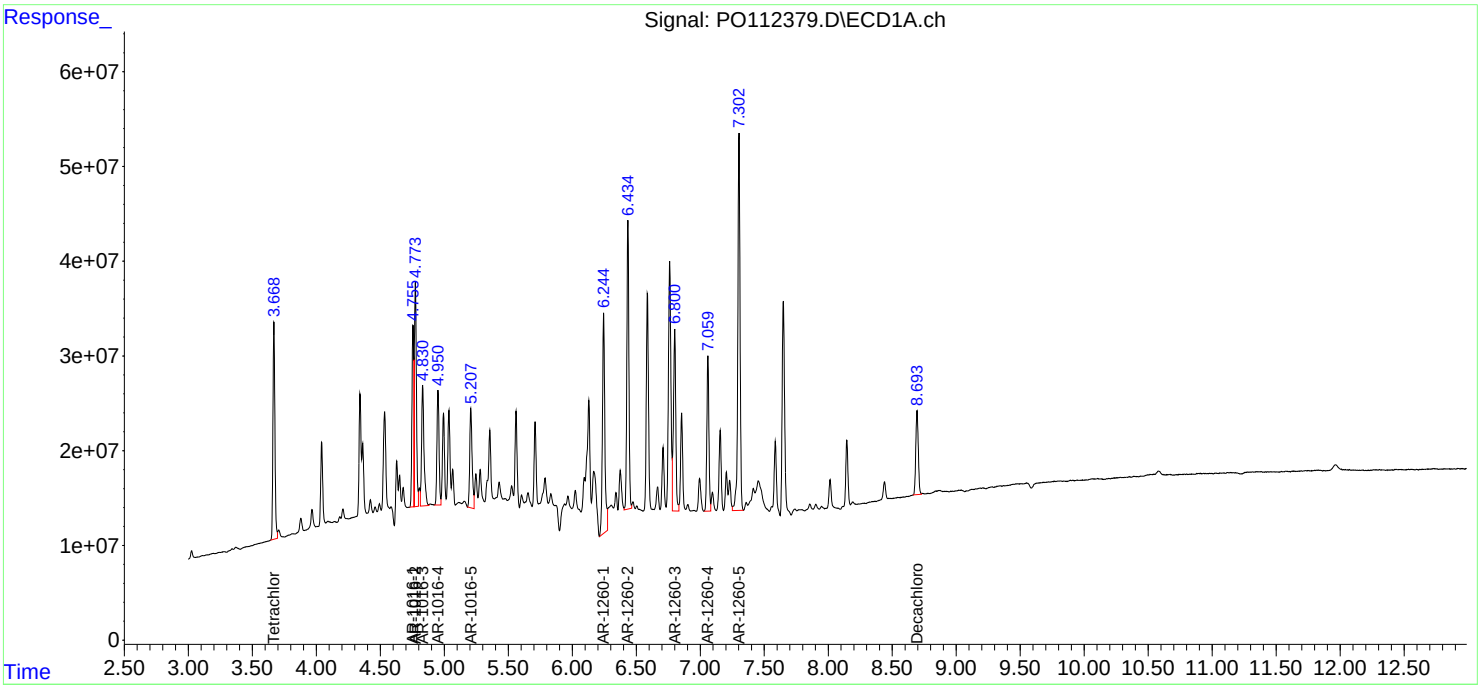
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:48
Operator : YP/AJ
Sample : Q2649-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

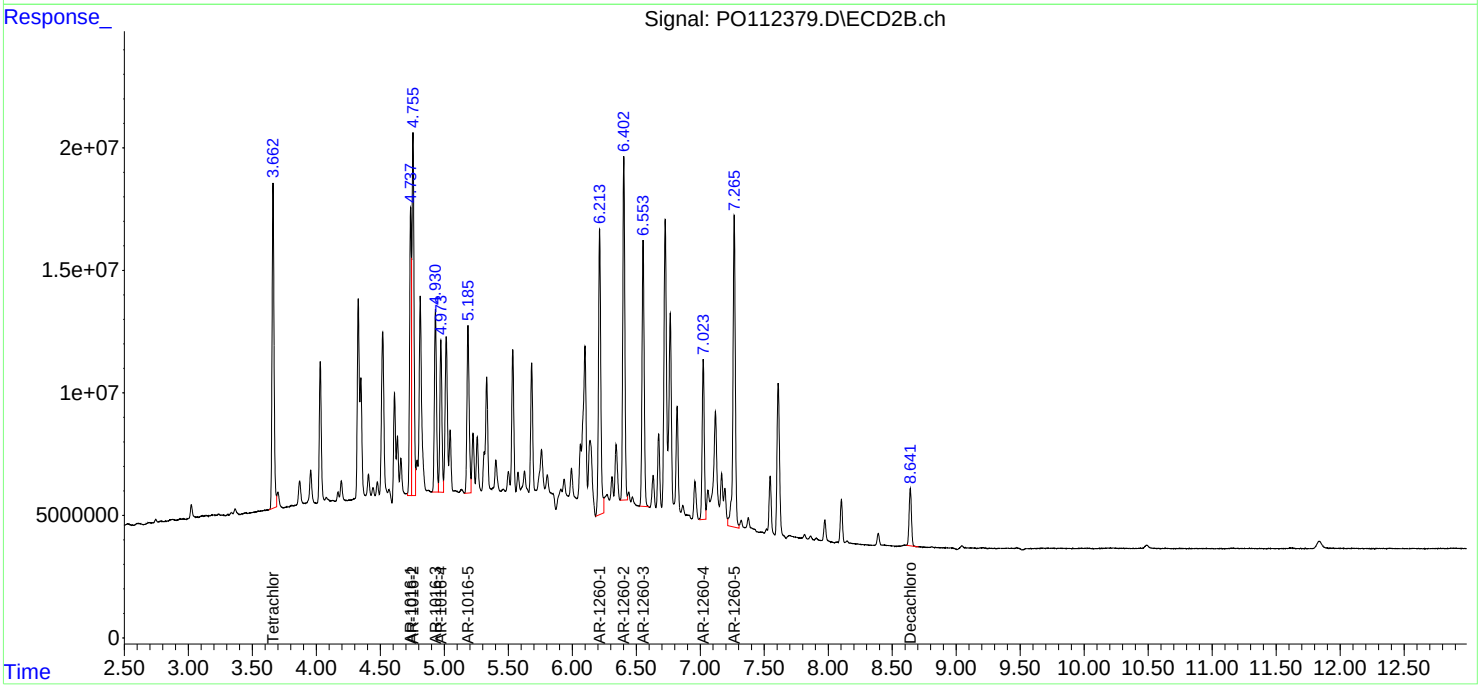
Instrument :
ECD_O
ClientSampleId :
WC-1MS

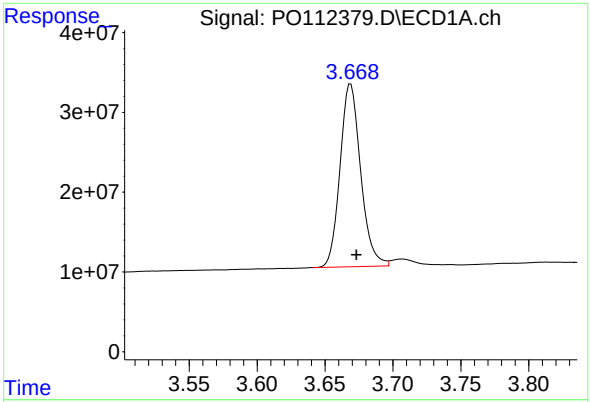
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







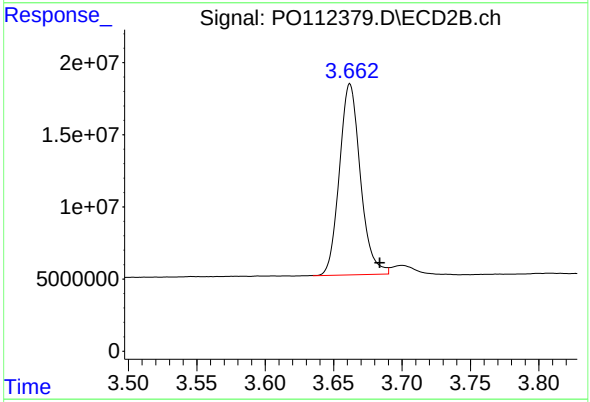
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 242123618
Conc: 24.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS

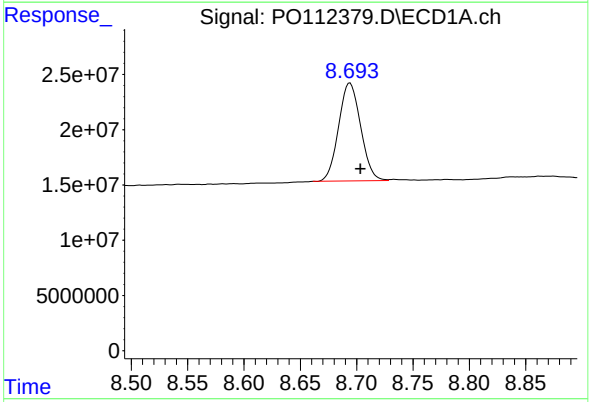
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



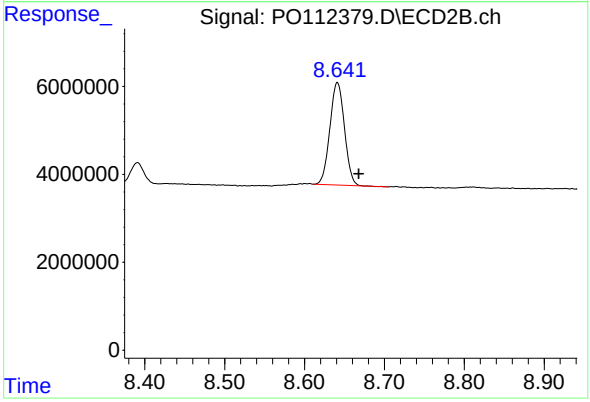
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.022 min
Response: 141482701
Conc: 22.21 ng/ml m



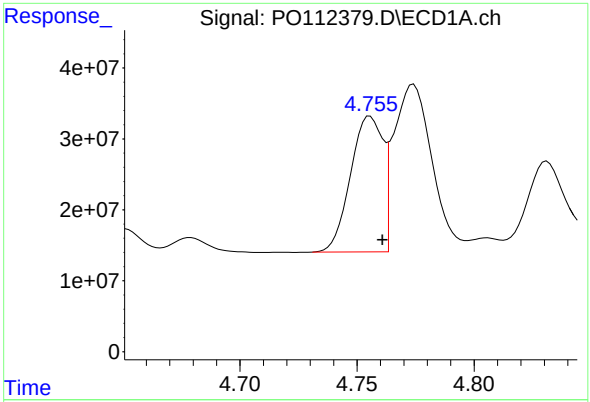
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.009 min
Response: 120506845
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 29581830
Conc: 17.16 ng/ml



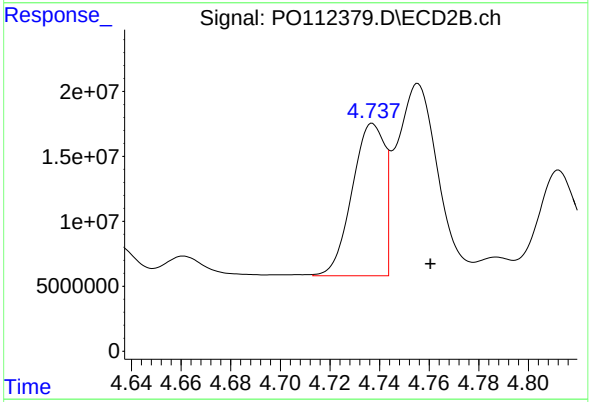
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 184118312
Conc: 541.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS

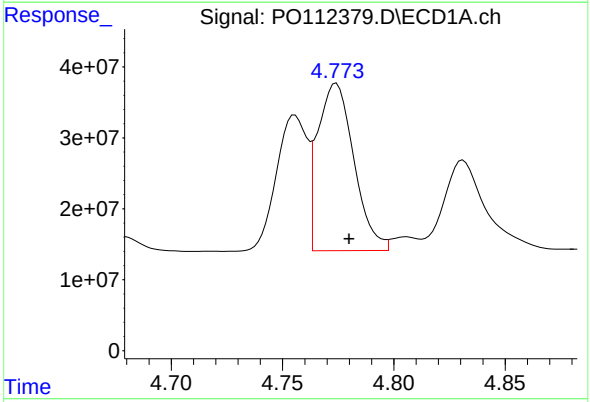
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



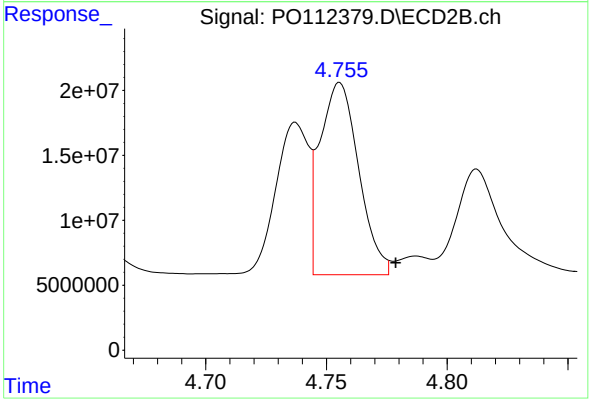
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.024 min
Response: 106265410
Conc: 476.88 ng/ml m



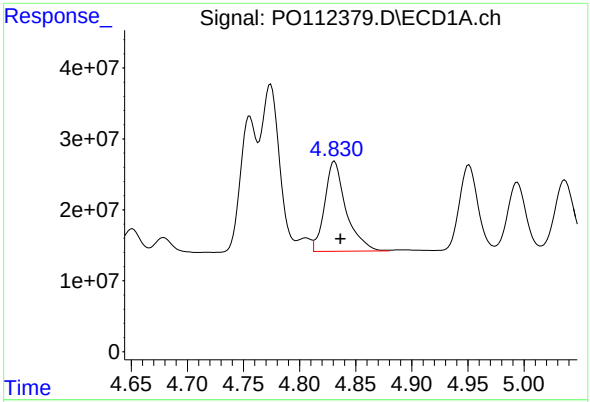
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 268018035
Conc: 538.96 ng/ml



#4 AR-1016-2

R.T.: 4.755 min
Delta R.T.: -0.024 min
Response: 164012712
Conc: 498.37 ng/ml m



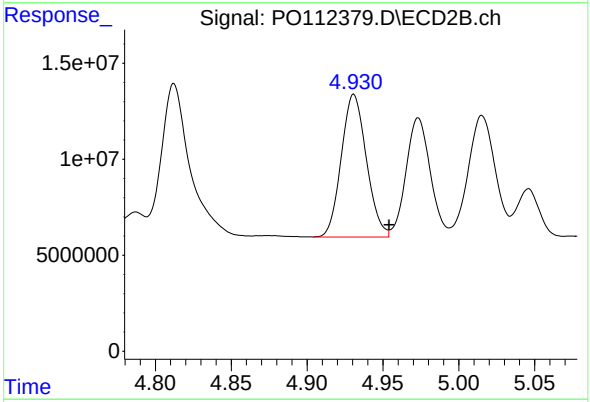
#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 168401187
Conc: 520.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS

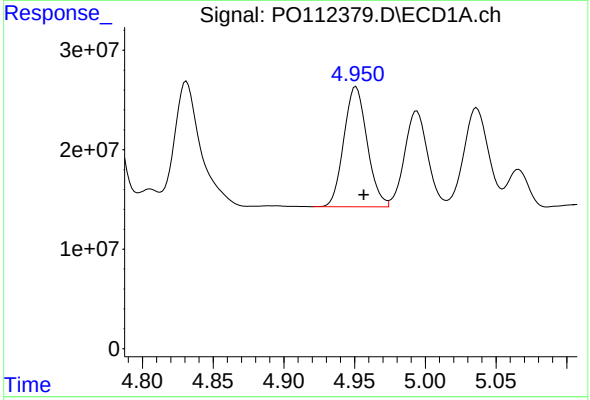
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



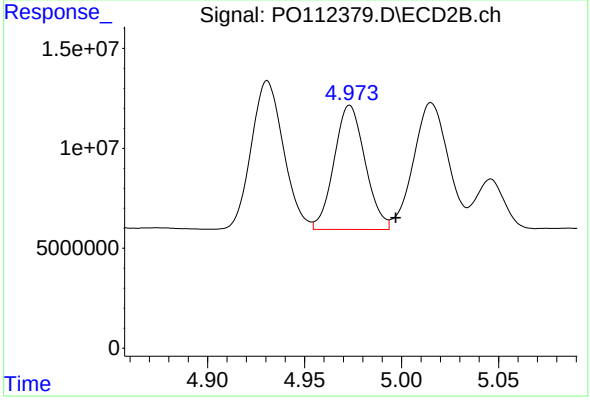
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: -0.024 min
Response: 85603616
Conc: 503.95 ng/ml m



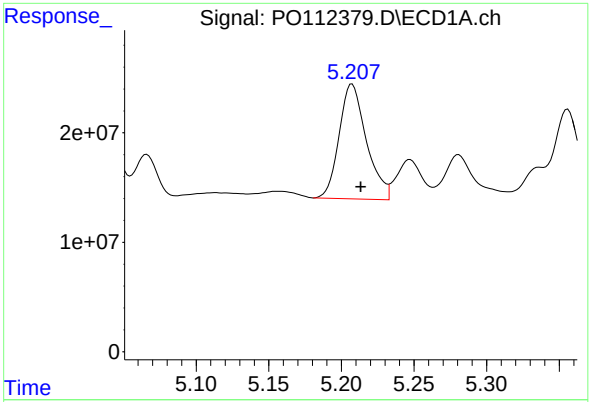
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 138262063
Conc: 538.40 ng/ml



#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.024 min
Response: 69060216
Conc: 503.25 ng/ml m



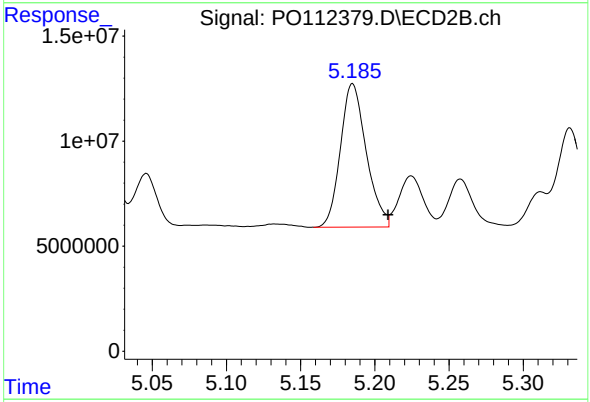
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: -0.006 min
Response: 137445549
Conc: 502.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS

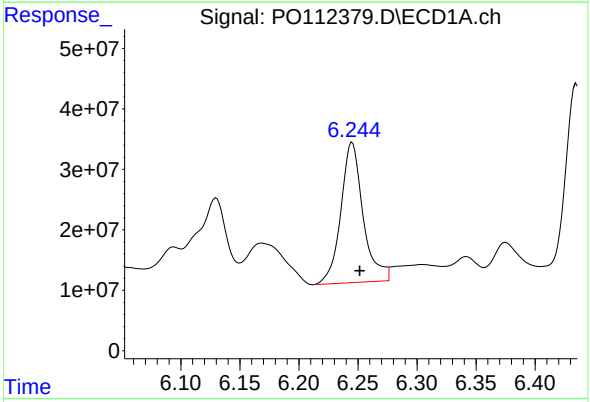
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



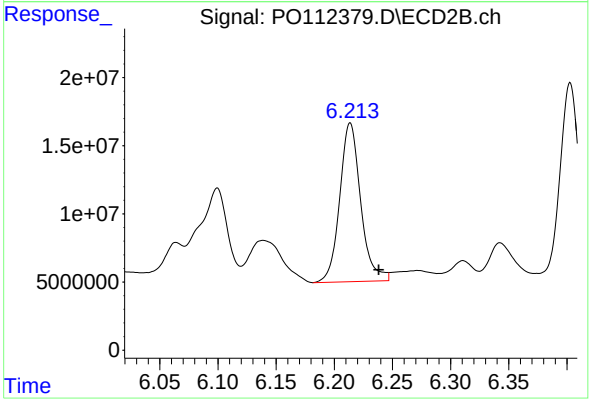
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.024 min
Response: 82751145
Conc: 479.85 ng/ml m



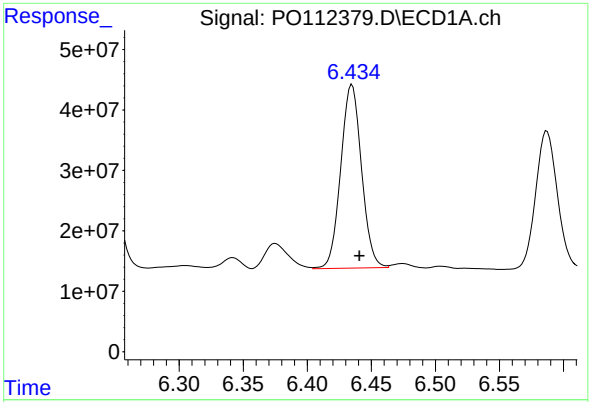
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 304269996
Conc: 607.04 ng/ml



#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: -0.025 min
Response: 146103372
Conc: 520.75 ng/ml



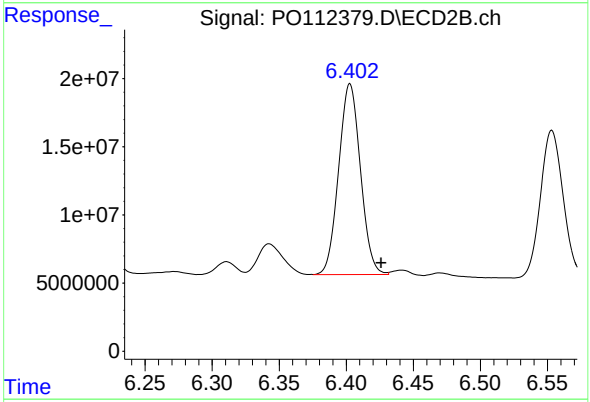
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: -0.007 min
Response: 342009509
Conc: 463.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS

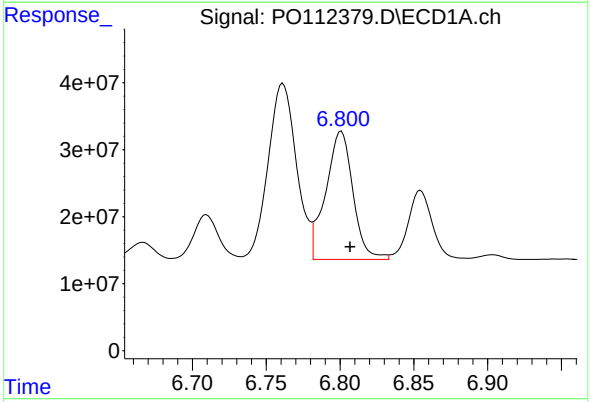
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



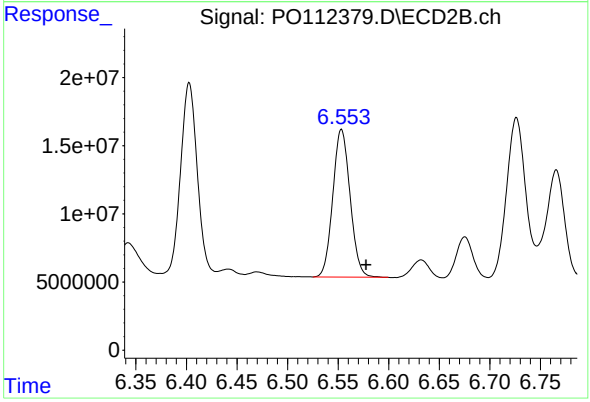
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: -0.024 min
Response: 158123681
Conc: 465.07 ng/ml m



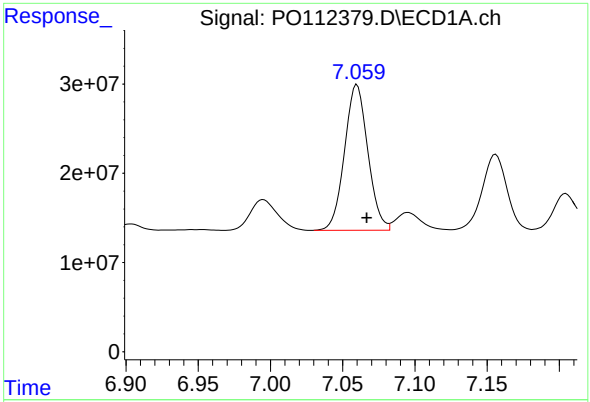
#33 AR-1260-3

R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 245881251
Conc: 375.12 ng/ml



#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: -0.025 min
Response: 128680842
Conc: 466.94 ng/ml m



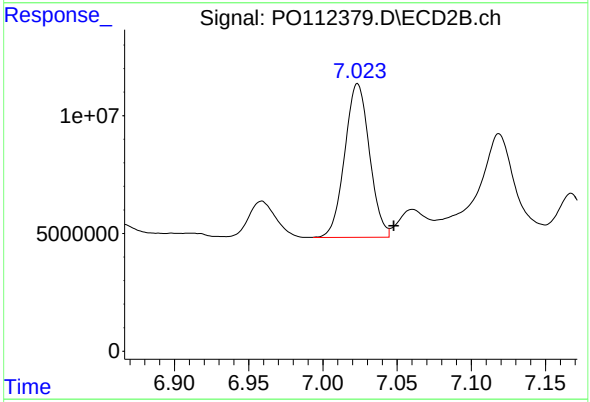
#34 AR-1260-4

R.T.: 7.060 min
Delta R.T.: -0.007 min
Response: 183017063
Conc: 420.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS

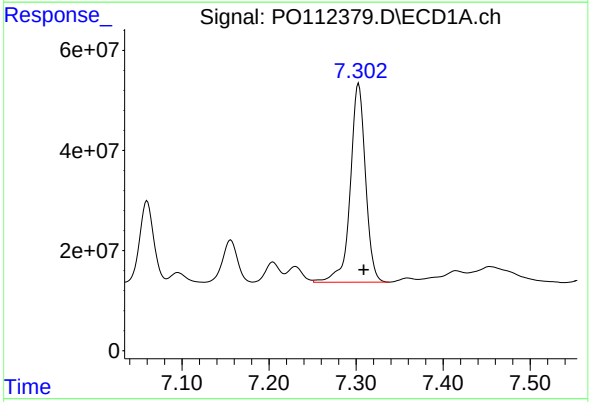
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



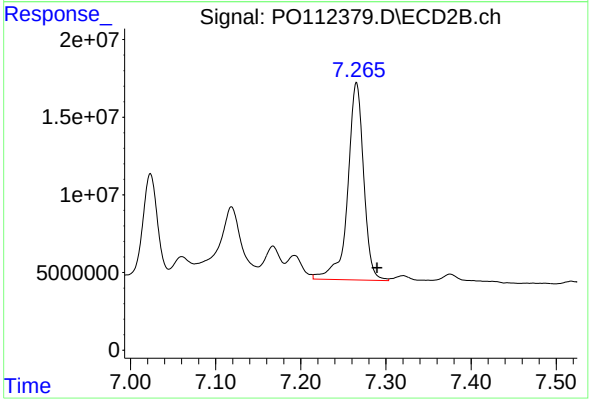
#34 AR-1260-4

R.T.: 7.023 min
Delta R.T.: -0.025 min
Response: 75852839
Conc: 378.05 ng/ml m



#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 481989701
Conc: 381.76 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.024 min
Response: 165670193
Conc: 370.02 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/17/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/17/25
Client Sample ID:	RT2286MSD	SDG No.:	Q2645
Lab Sample ID:	Q2635-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.8 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073985.D	1	07/21/25 08:30	07/21/25 13:56	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	177		4.70	9.80	20.0	ug/kg
11104-28-2	Aroclor-1221	15.3	U	4.70	15.3	20.0	ug/kg
11141-16-5	Aroclor-1232	9.80	U	4.40	9.80	20.0	ug/kg
53469-21-9	Aroclor-1242	9.80	U	4.70	9.80	20.0	ug/kg
12672-29-6	Aroclor-1248	15.3	U	7.00	15.3	20.0	ug/kg
11097-69-1	Aroclor-1254	9.80	U	3.80	9.80	20.0	ug/kg
37324-23-5	Aroclor-1262	15.3	U	5.90	15.3	20.0	ug/kg
11100-14-4	Aroclor-1268	9.80	U	4.20	9.80	20.0	ug/kg
11096-82-5	Aroclor-1260	211		3.80	9.80	20.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.9		44 - 130		89%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 125		97%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:56
Operator : YP\AJ
Sample : Q2635-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.774	23007780	32891692	16.800	17.854
2)	SA Decachlor...	10.171	8.771	19437749	25634073	17.816	19.374
	Target Compounds						
3)	L1 AR-1016-1	5.636	4.851	18736879	29541322	394.348	433.318
4)	L1 AR-1016-2	5.657	4.869	30133135	43844893	423.130	430.340
5)	L1 AR-1016-3	5.719	5.045	18269038	24208384	418.409	447.422
6)	L1 AR-1016-4	5.816	5.087	16118675	19716668	448.419	449.323
7)	L1 AR-1016-5	6.110	5.300	17783528	24543584	567.612	449.660
31)	L7 AR-1260-1	7.224	6.330	31705759	54851085	537.739m	562.228
32)	L7 AR-1260-2	7.478	6.518	47342830	65815583	493.978m	535.794
33)	L7 AR-1260-3	7.837	6.670	37810191	59476912	517.447	543.348
34)	L7 AR-1260-4	8.059	7.139	38655725	46277558	591.972m	517.597
35)	L7 AR-1260-5	8.378	7.383	80997949	117.0E6	536.934	520.578

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:56
Operator : YP\AJ
Sample : Q2635-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

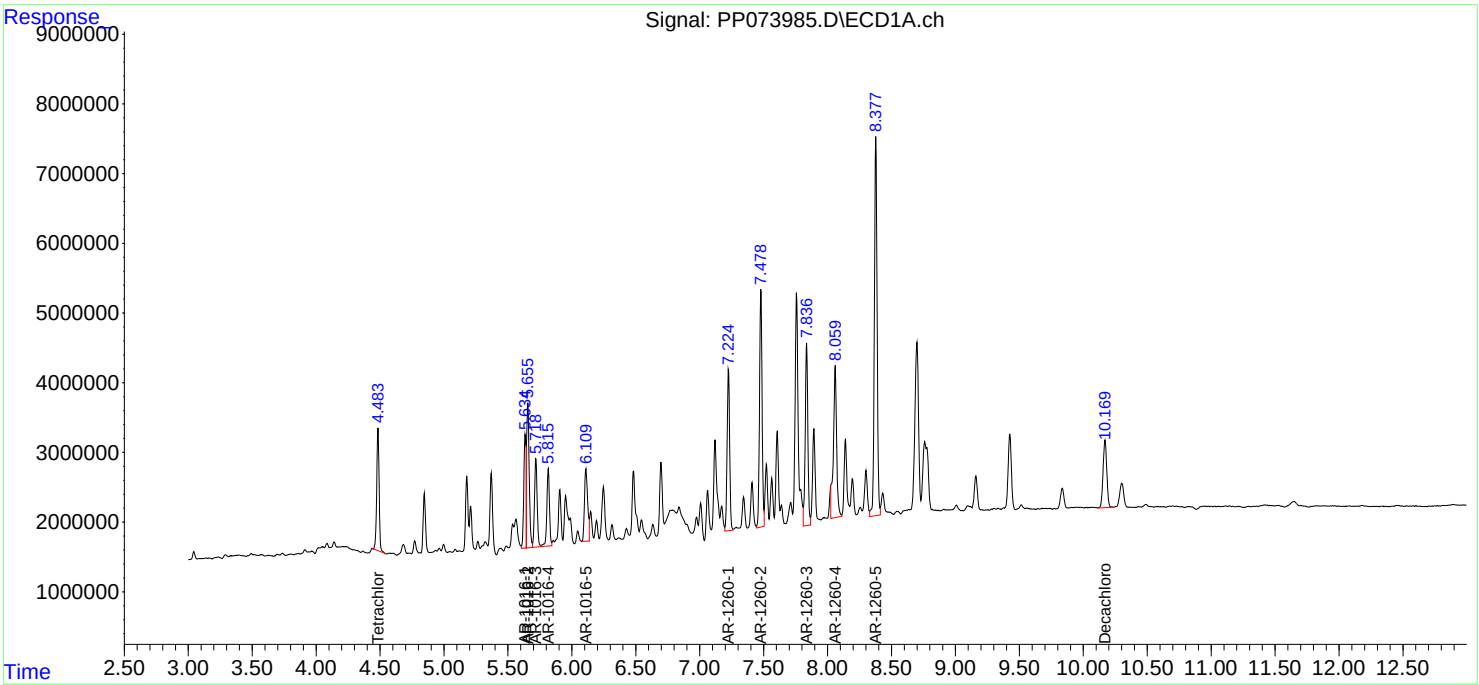
Instrument :
ECD_P
ClientSampleId :
RT2286MSD

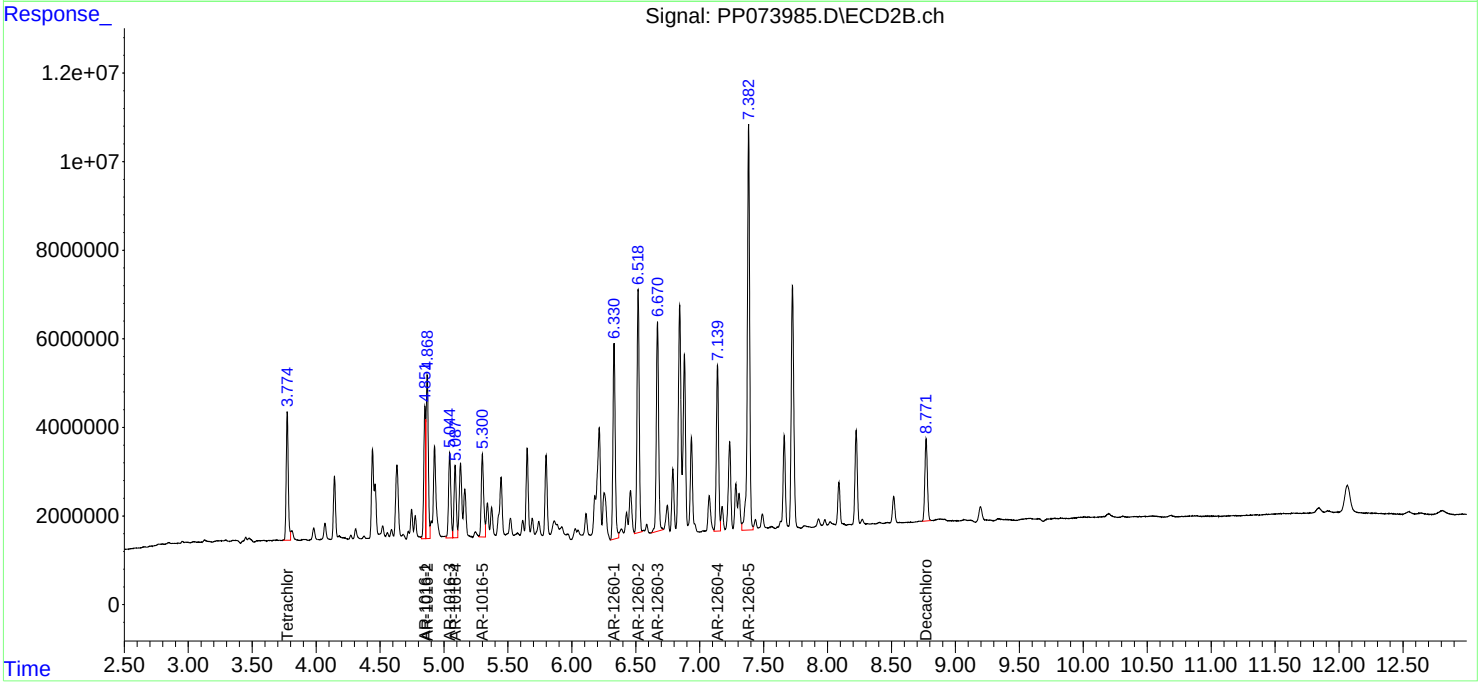
Manual Integrations APPROVED

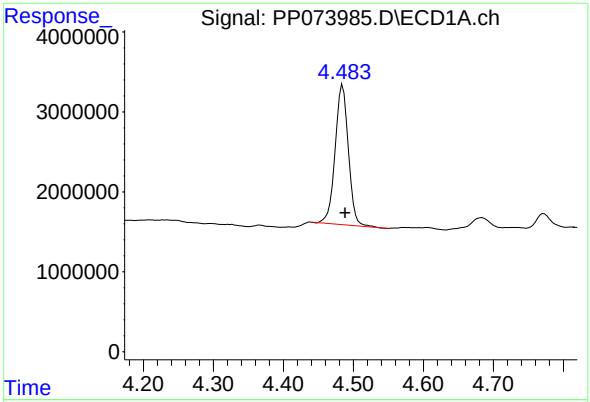
Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







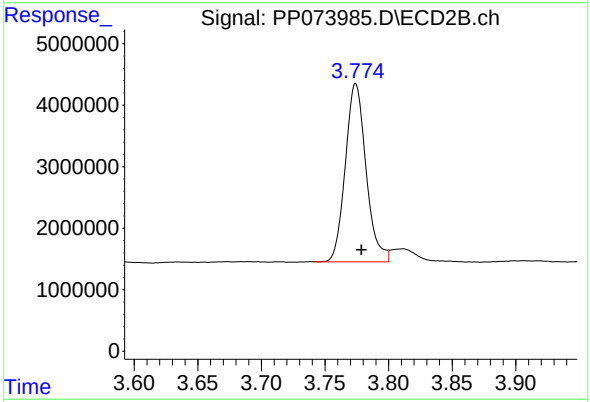
#1 Tetrachloro-m-xylene

R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 23007780
Conc: 16.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

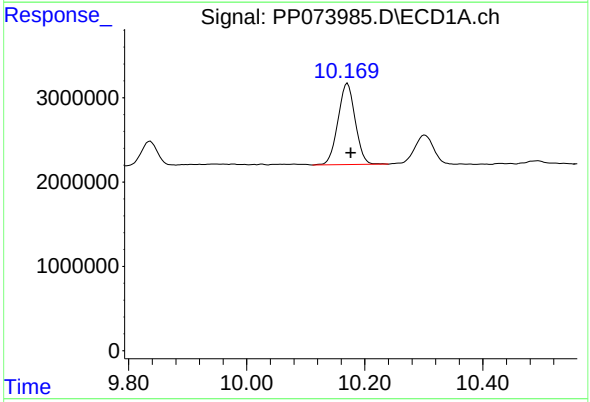
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



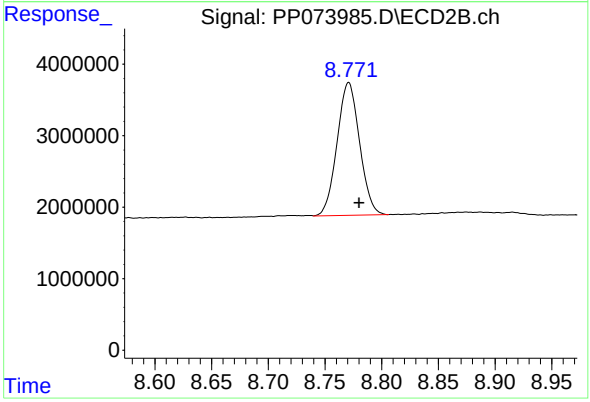
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.004 min
Response: 32891692
Conc: 17.85 ng/ml



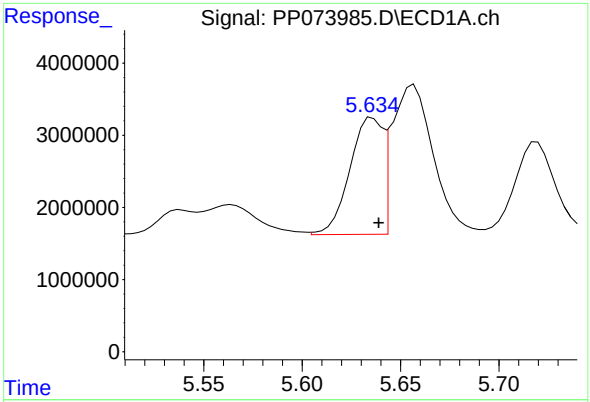
#2 Decachlorobiphenyl

R.T.: 10.171 min
Delta R.T.: -0.005 min
Response: 19437749
Conc: 17.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.009 min
Response: 25634073
Conc: 19.37 ng/ml



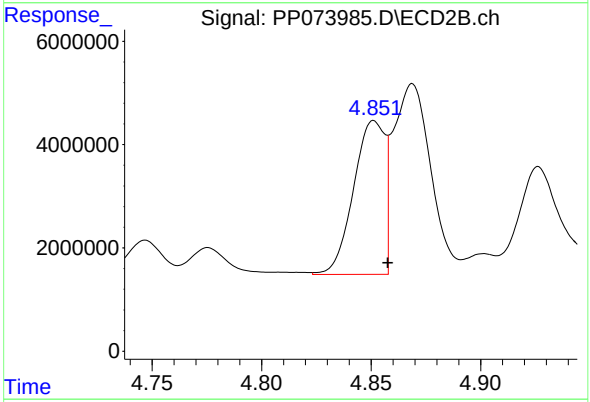
#3 AR-1016-1

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 18736879
Conc: 394.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

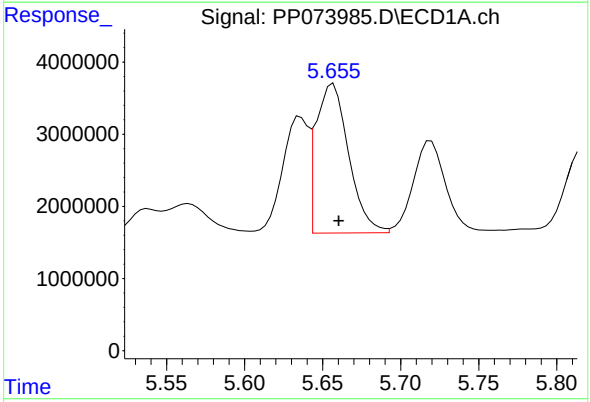
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



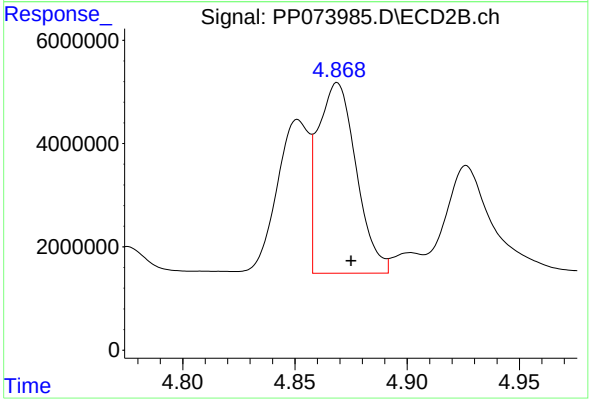
#3 AR-1016-1

R.T.: 4.851 min
Delta R.T.: -0.006 min
Response: 29541322
Conc: 433.32 ng/ml



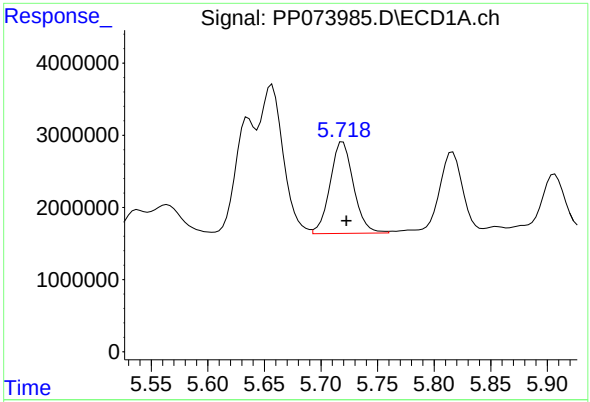
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: -0.004 min
Response: 30133135
Conc: 423.13 ng/ml



#4 AR-1016-2

R.T.: 4.869 min
Delta R.T.: -0.006 min
Response: 43844893
Conc: 430.34 ng/ml



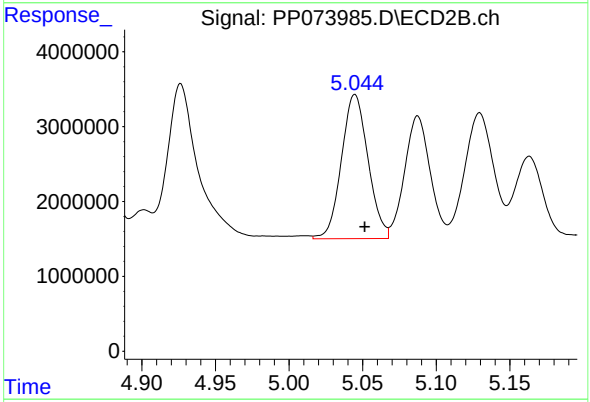
#5 AR-1016-3

R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 18269038
Conc: 418.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

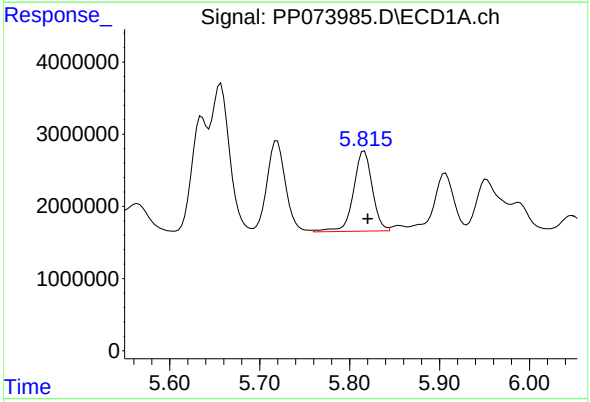
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



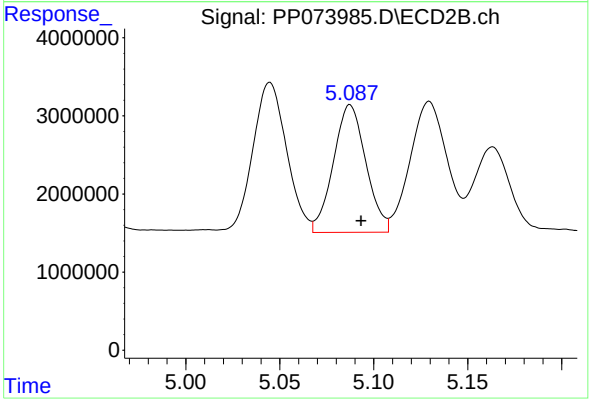
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 24208384
Conc: 447.42 ng/ml



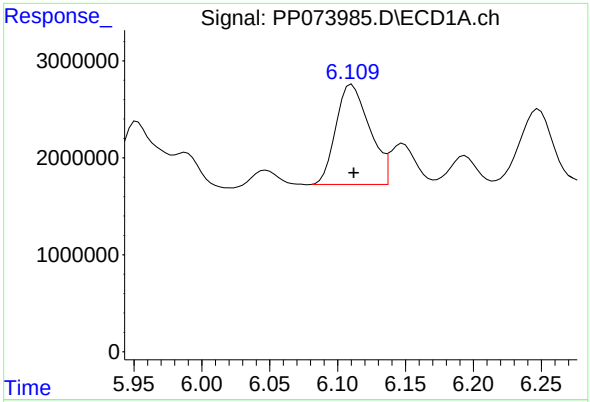
#6 AR-1016-4

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 16118675
Conc: 448.42 ng/ml



#6 AR-1016-4

R.T.: 5.087 min
Delta R.T.: -0.006 min
Response: 19716668
Conc: 449.32 ng/ml



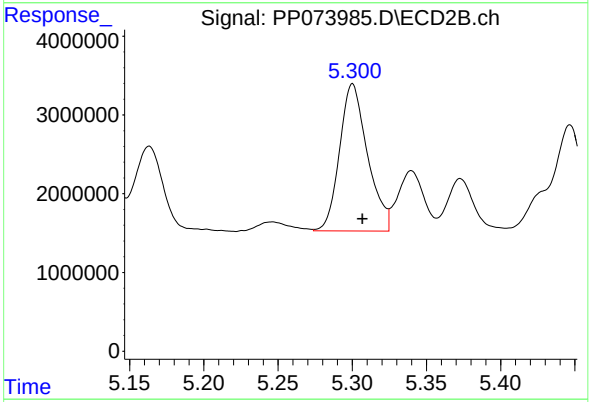
#7 AR-1016-5

R.T.: 6.110 min
Delta R.T.: -0.001 min
Response: 17783528
Conc: 567.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

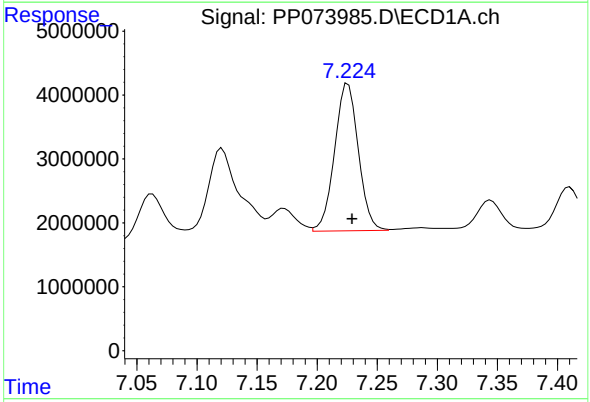
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



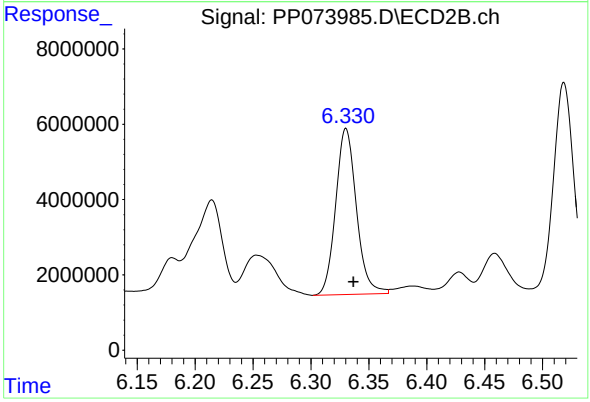
#7 AR-1016-5

R.T.: 5.300 min
Delta R.T.: -0.007 min
Response: 24543584
Conc: 449.66 ng/ml



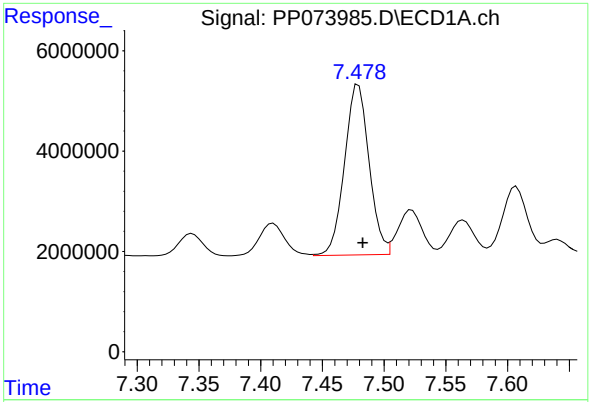
#31 AR-1260-1

R.T.: 7.224 min
Delta R.T.: -0.005 min
Response: 31705759
Conc: 537.74 ng/ml m



#31 AR-1260-1

R.T.: 6.330 min
Delta R.T.: -0.006 min
Response: 54851085
Conc: 562.23 ng/ml



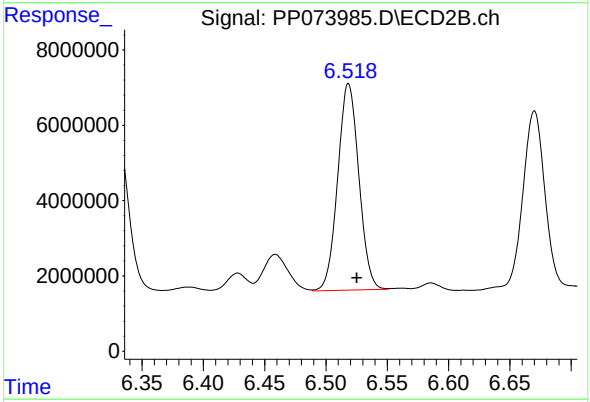
#32 AR-1260-2

R.T.: 7.478 min
Delta R.T.: -0.005 min
Response: 47342830
Conc: 493.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

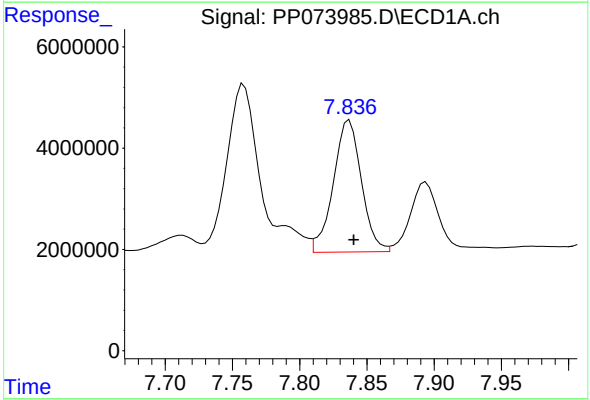
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



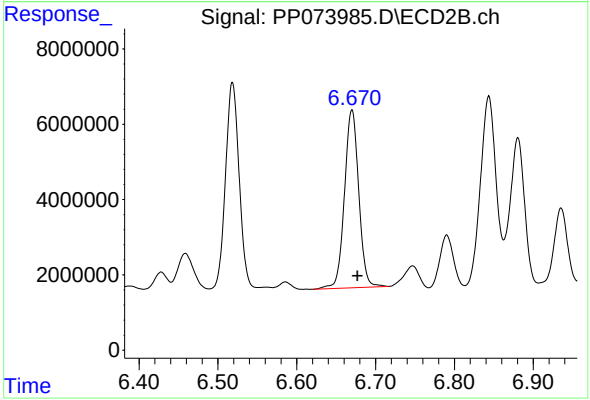
#32 AR-1260-2

R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 65815583
Conc: 535.79 ng/ml



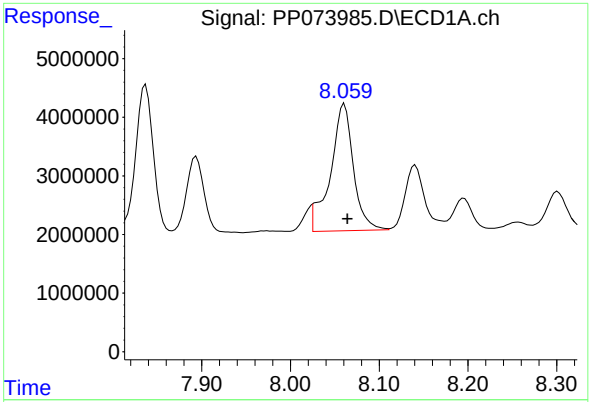
#33 AR-1260-3

R.T.: 7.837 min
Delta R.T.: -0.003 min
Response: 37810191
Conc: 517.45 ng/ml



#33 AR-1260-3

R.T.: 6.670 min
Delta R.T.: -0.007 min
Response: 59476912
Conc: 543.35 ng/ml



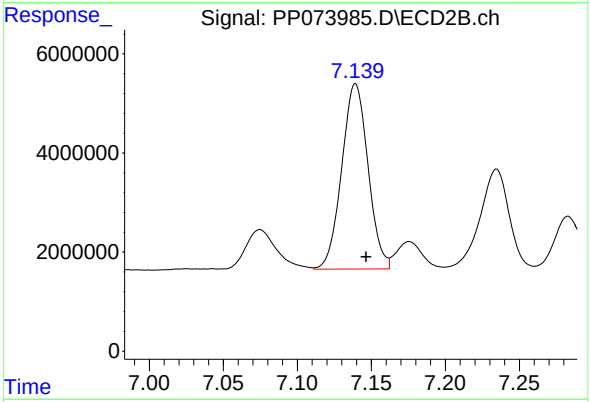
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 38655725
Conc: 591.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

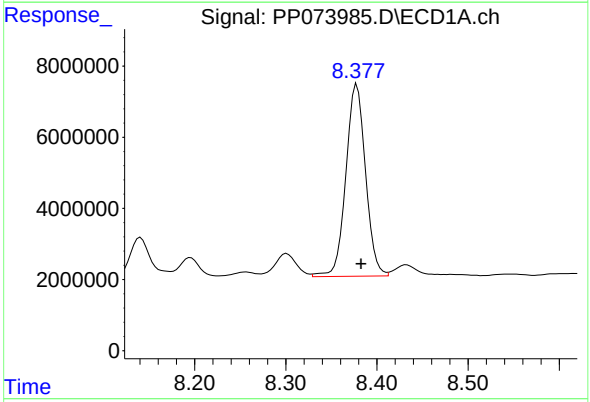
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



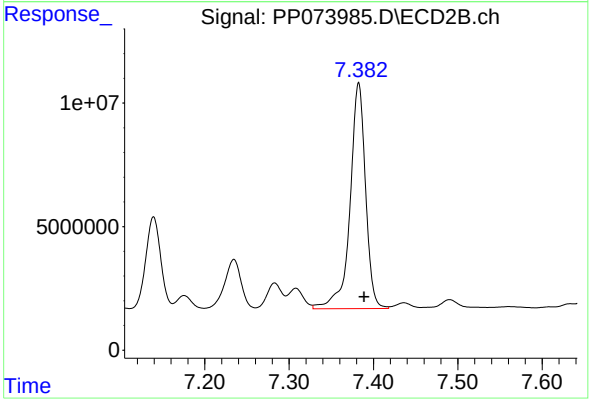
#34 AR-1260-4

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 46277558
Conc: 517.60 ng/ml



#35 AR-1260-5

R.T.: 8.378 min
Delta R.T.: -0.005 min
Response: 80997949
Conc: 536.93 ng/ml



#35 AR-1260-5

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 116992994
Conc: 520.58 ng/ml

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

Report of Analysis

Client:	Tetra Tech NUS, Inc.	Date Collected:	07/18/25
Project:	NWIRP Bethpage 112G08005-WE13	Date Received:	07/18/25
Client Sample ID:	WC-1MSD	SDG No.:	Q2645
Lab Sample ID:	Q2649-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.3 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
PO112380.D	1	07/22/25 09:40	07/22/25 15:07	PB168946

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	161		4.40	9.30	19.0	ug/kg
11104-28-2	Aroclor-1221	14.5	U	4.50	14.5	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	14.5	U	6.60	14.5	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	14.5	U	5.60	14.5	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	155		3.60	9.30	19.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		44 - 130		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		60 - 125		89%	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_O\Data\PO072225\
Data File : PO112380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 15:07
Operator : YP/AJ
Sample : Q2649-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.669	3.662	193.4E6	111.7E6	19.549	17.525m
2)	SA Decachlor...	8.695	8.641	121.5E6	29932312	17.766	17.368
	Target Compounds						
3)	L1 AR-1016-1	4.756	4.737	152.9E6	93834429	449.585	421.095m
4)	L1 AR-1016-2	4.774	4.756	218.5E6	128.0E6	439.413	388.859m
5)	L1 AR-1016-3	4.832	4.931	137.1E6	70041922	423.455	412.334m
6)	L1 AR-1016-4	4.951	4.973	112.9E6	56475172	439.555	411.544m
7)	L1 AR-1016-5	5.207	5.185	113.5E6	70665179	414.763m	409.771m
31)	L7 AR-1260-1	6.245	6.214	281.0E6	133.9E6	560.628	477.401
32)	L7 AR-1260-2	6.434	6.402	300.5E6	141.0E6	407.137m	414.610m
33)	L7 AR-1260-3	6.800	6.553	223.7E6	116.0E6	341.288	420.767m
34)	L7 AR-1260-4	7.060	7.023	173.9E6	67848980	399.568	338.154m
35)	L7 AR-1260-5	7.303	7.265	465.6E6	156.5E6	368.767	349.463

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

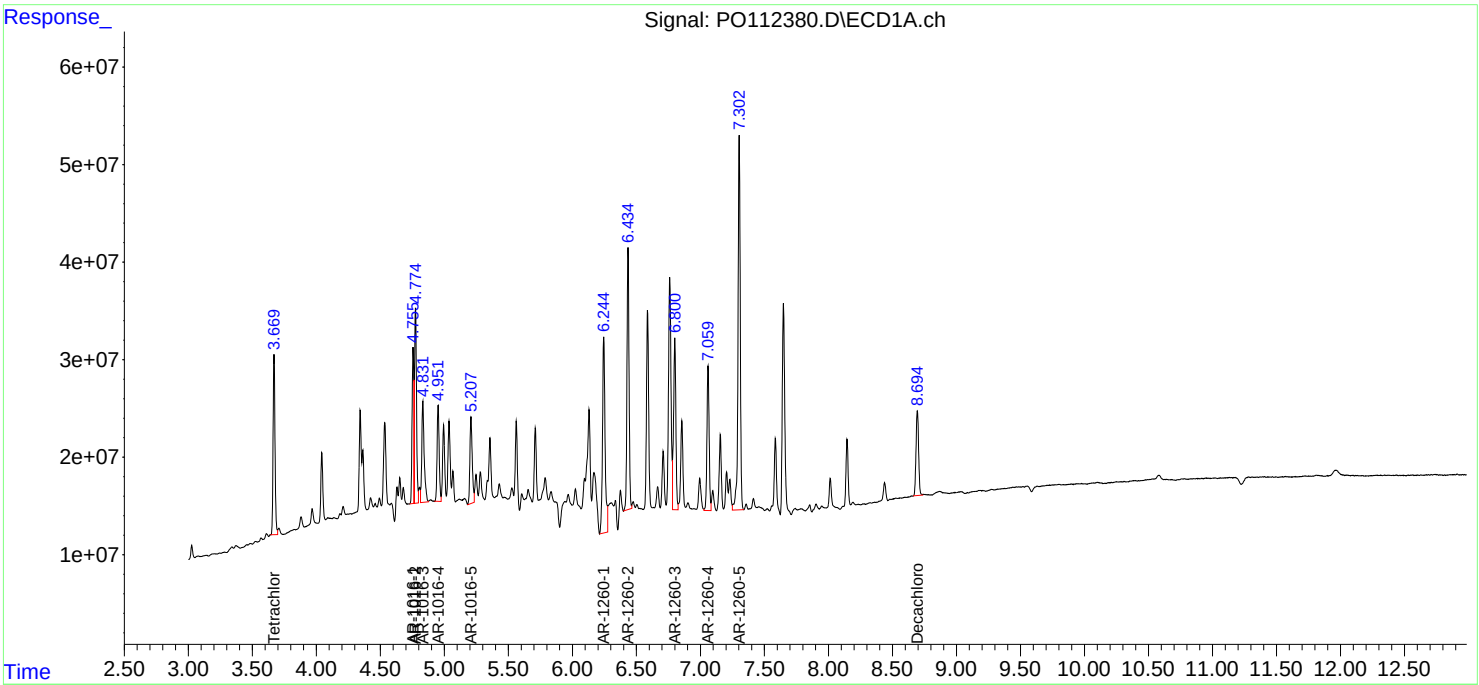
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 15:07
Operator : YP/AJ
Sample : Q2649-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

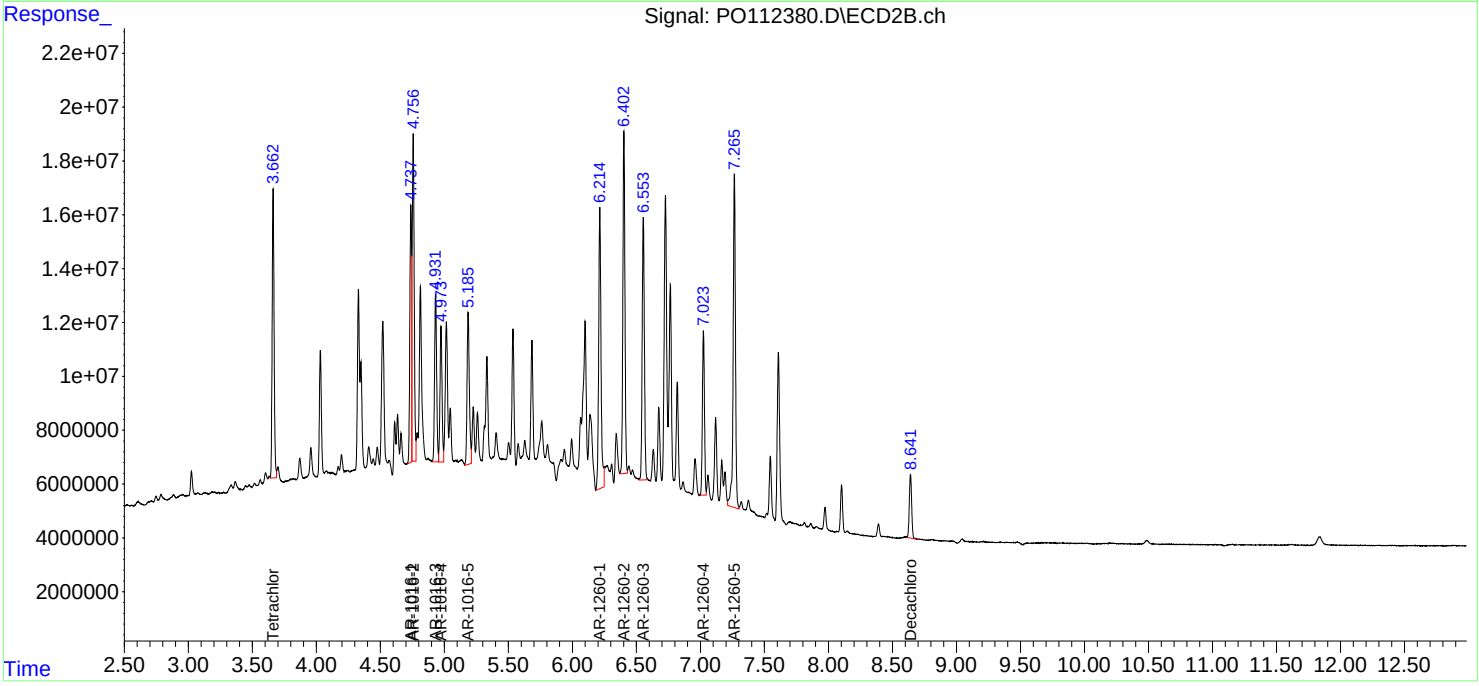
Instrument :
ECD_O
ClientSampleId :
WC-1MSD

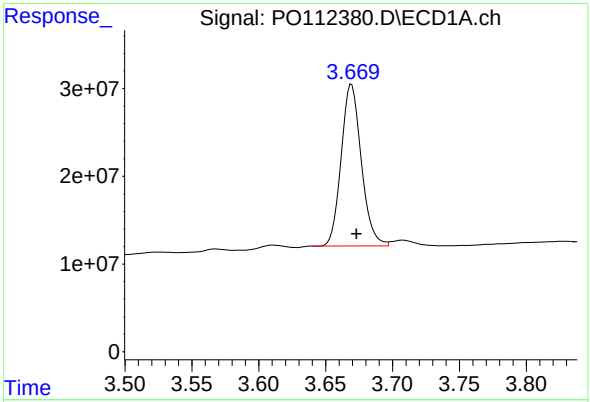
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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







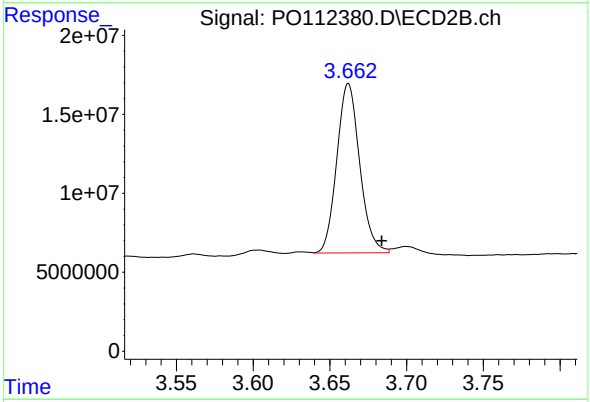
#1 Tetrachloro-m-xylene

R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 193434687
Conc: 19.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

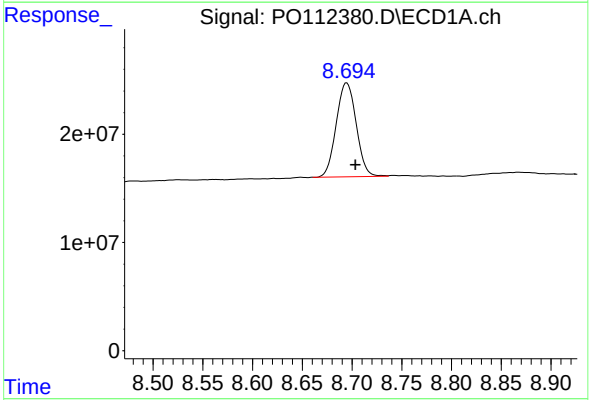
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



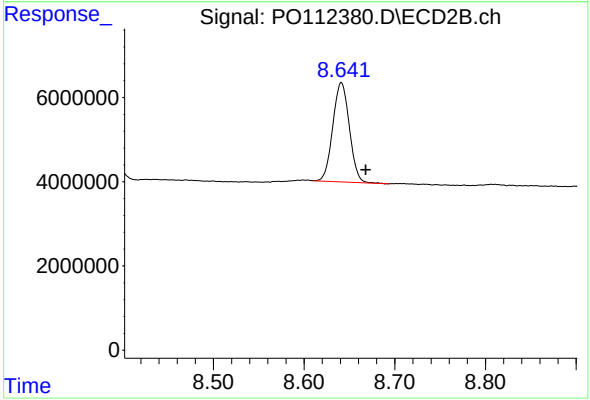
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.022 min
Response: 111652414
Conc: 17.52 ng/ml m



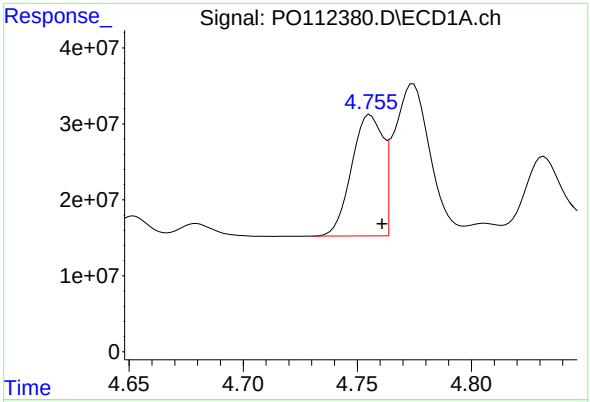
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.009 min
Response: 121466225
Conc: 17.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 29932312
Conc: 17.37 ng/ml



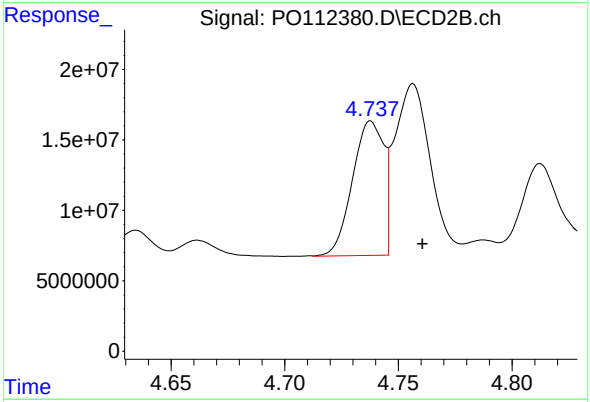
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 152914141
Conc: 449.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

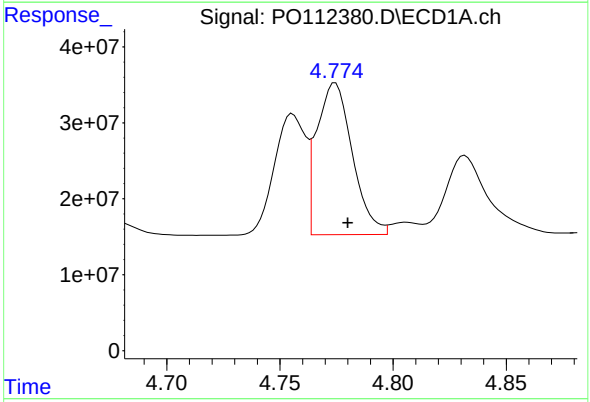
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



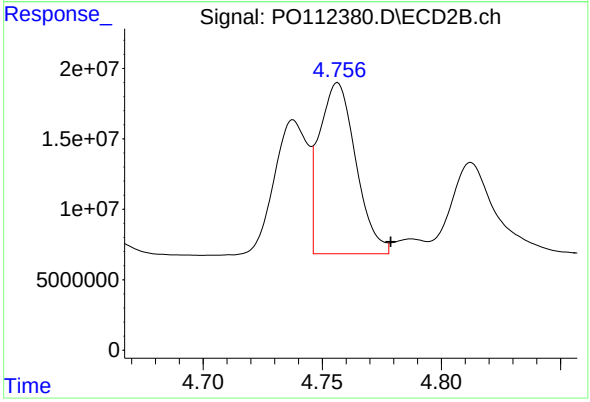
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.023 min
Response: 93834429
Conc: 421.09 ng/ml m



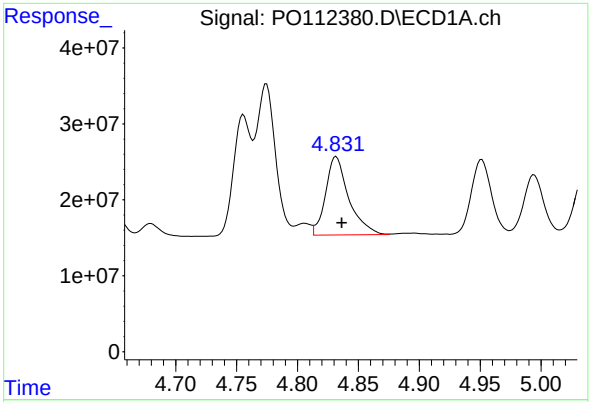
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 218516401
Conc: 439.41 ng/ml



#4 AR-1016-2

R.T.: 4.756 min
Delta R.T.: -0.023 min
Response: 127972533
Conc: 388.86 ng/ml m



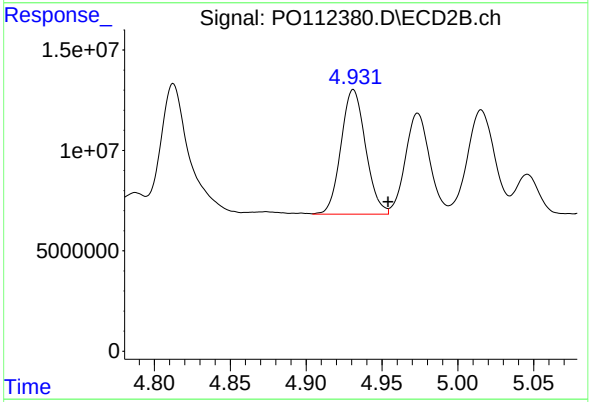
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 137078446
Conc: 423.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

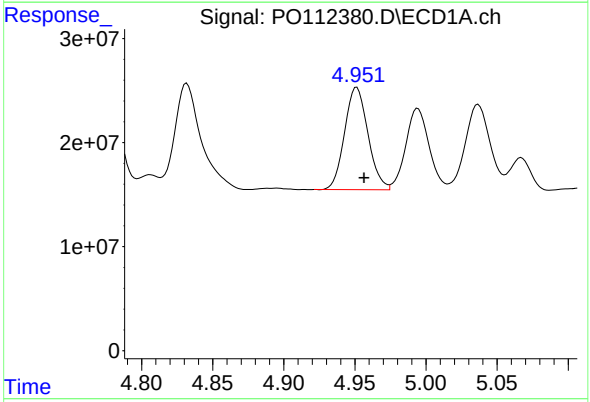
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



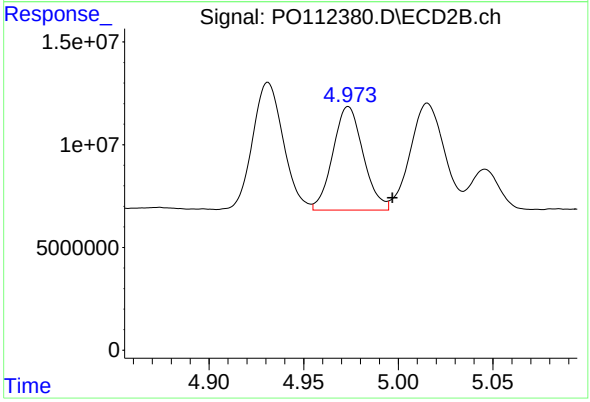
#5 AR-1016-3

R.T.: 4.931 min
Delta R.T.: -0.023 min
Response: 70041922
Conc: 412.33 ng/ml m



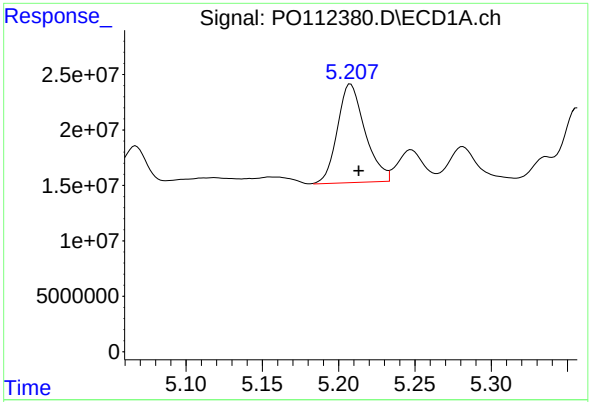
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 112877437
Conc: 439.55 ng/ml



#6 AR-1016-4

R.T.: 4.973 min
Delta R.T.: -0.024 min
Response: 56475172
Conc: 411.54 ng/ml m



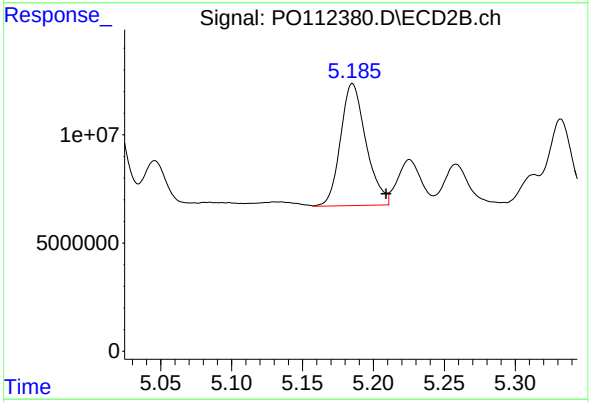
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: -0.006 min
Response: 113504908
Conc: 414.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

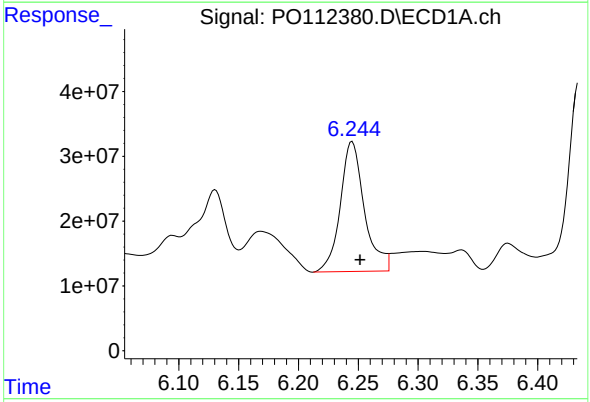
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



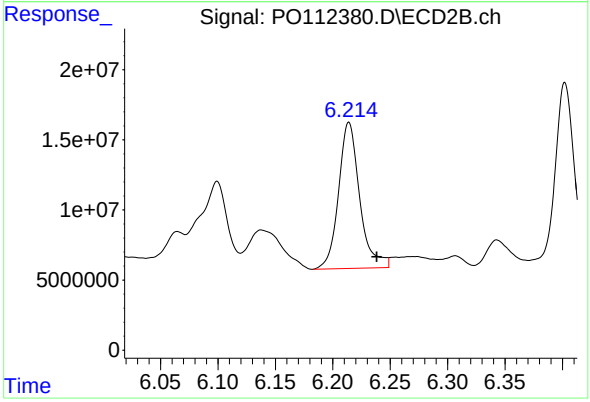
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.024 min
Response: 70665179
Conc: 409.77 ng/ml m



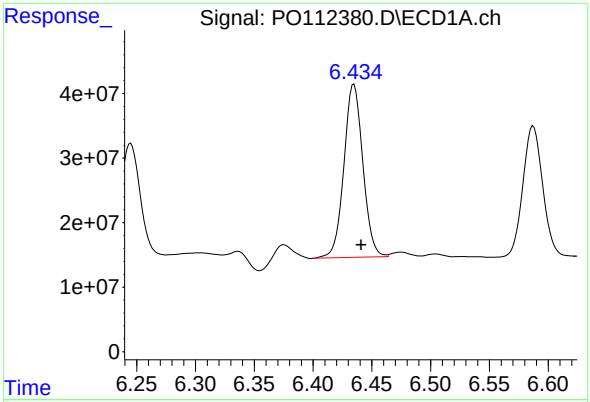
#31 AR-1260-1

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 281008570
Conc: 560.63 ng/ml



#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: -0.024 min
Response: 133940517
Conc: 477.40 ng/ml



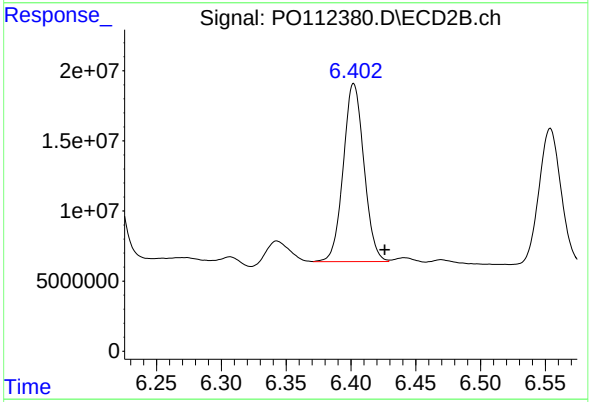
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: -0.007 min
Response: 300521601
Conc: 407.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

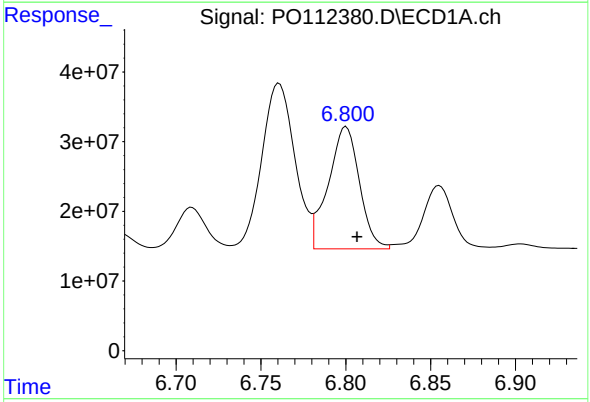
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



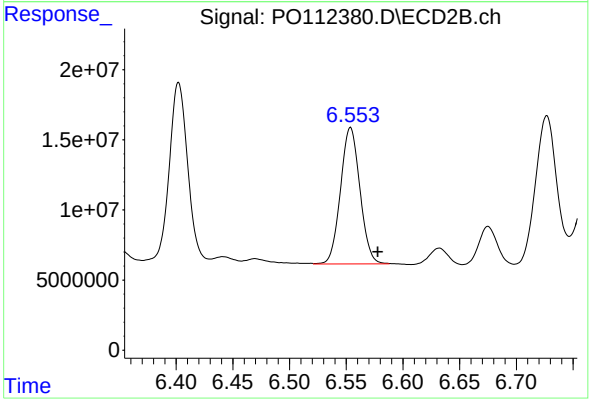
#32 AR-1260-2

R.T.: 6.402 min
Delta R.T.: -0.024 min
Response: 140965951
Conc: 414.61 ng/ml m



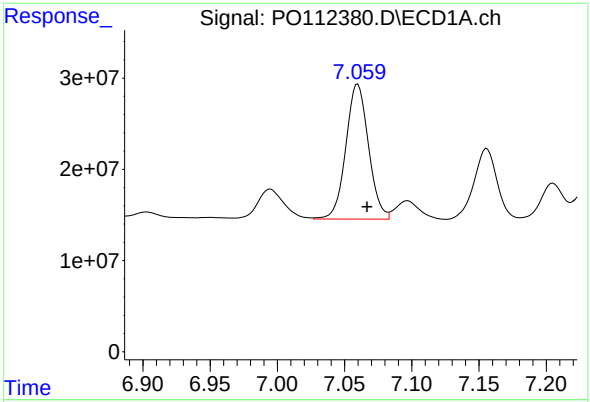
#33 AR-1260-3

R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 223707845
Conc: 341.29 ng/ml



#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: -0.024 min
Response: 115957541
Conc: 420.77 ng/ml m



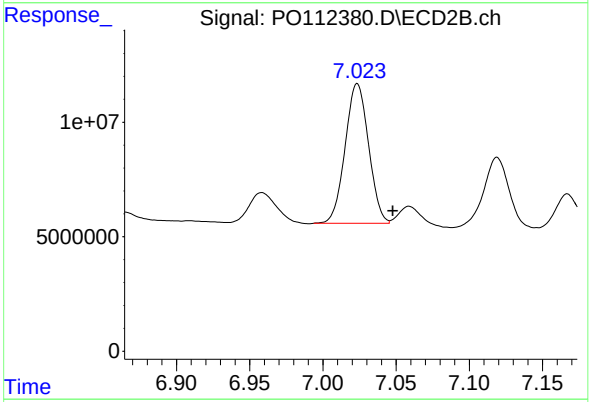
#34 AR-1260-4

R.T.: 7.060 min
Delta R.T.: -0.007 min
Response: 173910848
Conc: 399.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

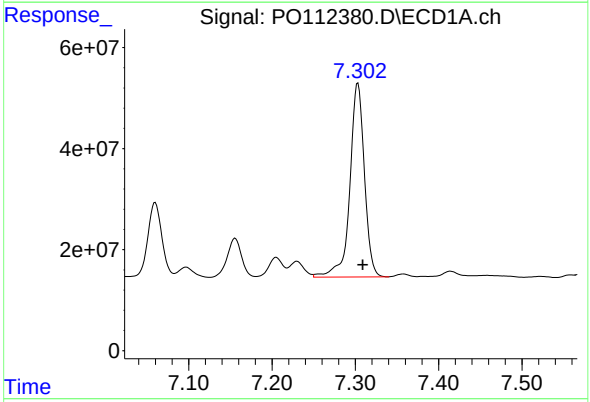
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/23/2025
Supervised By :mohammad ahmed 07/24/2025



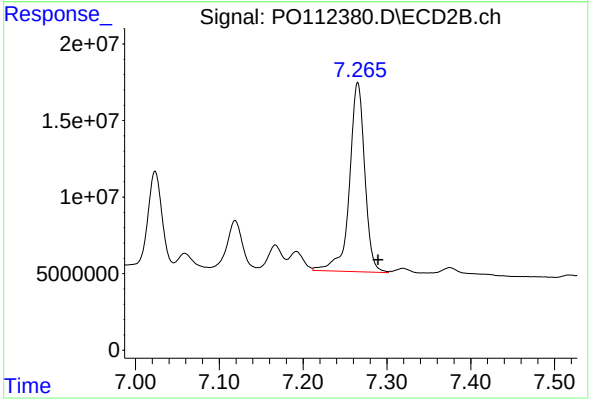
#34 AR-1260-4

R.T.: 7.023 min
Delta R.T.: -0.025 min
Response: 67848980
Conc: 338.15 ng/ml m



#35 AR-1260-5

R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 465582022
Conc: 368.77 ng/ml



#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.024 min
Response: 156464477
Conc: 349.46 ng/ml

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

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PO112088.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-4 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-5 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-1	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112091.D	AR-1260-2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-4	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-5	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1016-5	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO112099.D	AR-1242-5	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1242ICC050	PO112099.D	AR-1242-5 #2	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-4 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-5 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-1 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-2 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-4	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC1000	PO112111.D	AR-1268-4	yogesh	7/9/2025 7:27:32 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-1	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-3	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-1 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-2 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PO070825ICV500	PO112116.D	AR-1260-4 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PO112332.D	AR-1016-1 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112332.D	AR-1016-2 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112332.D	AR-1016-3 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112332.D	AR-1016-4 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112332.D	AR-1016-5 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112332.D	AR-1260-3 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112332.D	AR-1260-4 #2	yogesh	7/22/2025 10:13:35 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1242CCC50 0	PO112333.D	AR-1242-1 #2	yogesh	7/22/2025 10:13:37 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1242CCC50 0	PO112333.D	AR-1242-2 #2	yogesh	7/22/2025 10:13:37 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
Q2645-02	PO112345.D	Decachlorobiphenyl #2	yogesh	7/22/2025 12:08:16 PM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
Q2645-02	PO112345.D	Tetrachloro-m-xylene #2	yogesh	7/22/2025 12:08:16 PM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112346.D	AR-1016-1 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC50 0	PO112346.D	AR-1016-2 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112346.D	AR-1016-3 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112346.D	AR-1016-4 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112346.D	AR-1016-5 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112346.D	AR-1260-3 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112346.D	AR-1260-4 #2	yogesh	7/22/2025 10:13:48 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1242CCC500	PO112347.D	AR-1242-1 #2	yogesh	7/22/2025 10:13:50 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1242CCC500	PO112347.D	AR-1242-5	yogesh	7/22/2025 10:13:50 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1248CCC500	PO112348.D	AR-1248-1 #2	yogesh	7/22/2025 12:08:17 PM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	AR-1016-1 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	AR-1016-2 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	AR-1016-3 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	AR-1016-4 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	AR-1016-5 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112360.D	AR-1260-3 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	AR-1260-4 #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1660CCC500	PO112360.D	Tetrachloro-m-xylene #2	yogesh	7/22/2025 10:14:17 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software
AR1242CCC500	PO112361.D	AR-1242-1 #2	yogesh	7/22/2025 10:14:19 AM	mohammad	7/23/2025 1:33:05	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112366.D	AR-1016-1 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-2 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-3 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-4 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1016-5 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1260-3 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	AR-1260-4 #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112366.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:14:01 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112367.D	AR-1242-1 #2	yogesh	7/23/2025 8:13:46 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1248CCC500	PO112368.D	AR-1248-1 #2	yogesh	7/23/2025 8:13:48 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112369.D	AR-1254-1	yogesh	7/23/2025 8:13:49 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	AR-1016-1 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	AR-1016-2 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB168946BS	PO112376.D	AR-1016-3 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	AR-1016-4 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	AR-1016-5 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	AR-1260-3 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	AR-1260-4 #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
PB168946BS	PO112376.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 11:47:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2645-02RX	PO112377.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:29:52 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2645-02RX	PO112377.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 8:29:52 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1016-1 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1016-2 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1016-3 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1016-4 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1016-5 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2649-01MS	PO112379.D	AR-1260-2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1260-2 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1260-3 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	AR-1260-4 #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MS	PO112379.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 8:32:22 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1016-1 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1016-2 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1016-3 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1016-4 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1016-5	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1016-5 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1260-2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1260-2 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2649-01MSD	PO112380.D	AR-1260-3 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	AR-1260-4 #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
Q2649-01MSD	PO112380.D	Tetrachloro-m-xylene #2	yogesh	7/23/2025 11:47:20 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-1 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-2 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-3 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-4 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1016-5 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1260-3 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112381.D	AR-1260-4 #2	yogesh	7/23/2025 8:32:27 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112382.D	AR-1242-1 #2	yogesh	7/23/2025 11:47:18 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112382.D	AR-1242-2 #2	yogesh	7/23/2025 11:47:18 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1248CCC500	PO112383.D	AR-1248-1 #2	yogesh	7/23/2025 11:47:16 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PO112384.D	AR-1254-1	yogesh	7/23/2025 11:47:14 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112384.D	AR-1254-4	yogesh	7/23/2025 11:47:14 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-1 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-2 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-3 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-4 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1016-5 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1260-3 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112396.D	AR-1260-4 #2	yogesh	7/23/2025 8:32:38 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	AR-1242-1 #2	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	AR-1242-2 #2	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	AR-1242-5	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1242CCC500	PO112397.D	Tetrachloro-m-xylene	yogesh	7/23/2025 11:46:19 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PO112398.D	AR-1248-1 #2	yogesh	7/23/2025 11:46:18 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112399.D	AR-1254-1	yogesh	7/23/2025 8:32:44 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1254CCC500	PO112399.D	AR-1254-2	yogesh	7/23/2025 8:32:44 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
I.BLK	PO112400.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:32:46 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1016-1 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1016-2 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1016-3 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1016-4 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1016-5	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1016-5 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1260-1 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1260-2 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
AR1660CCC500	PO112410.D	AR-1260-3 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	po072225	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112410.D	AR-1260-4 #2	yogesh	7/23/2025 8:33:07 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software
I.BLK	PO112411.D	Decachlorobiphenyl #2	yogesh	7/23/2025 8:33:10 AM	mohammad	7/24/2025 1:25:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp070825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP073557.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC250	PP073557.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1016-1	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-1 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-1	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-2	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-3	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-5	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-1	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-4	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-5	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp070825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073575.D	AR-1254-1	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-2	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-3	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-4	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC250	PP073580.D	AR-1268-1 #2	yogesh	7/8/2025 8:51:24 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC050	PP073581.D	AR-1268-5	yogesh	7/8/2025 8:51:26 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pp072125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2635-01MS	PP073984.D	Tetrachloro-m-xylene	yogesh	7/22/2025 12:09:26 PM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software
Q2635-01MSD	PP073985.D	AR-1260-1	yogesh	7/22/2025 8:25:03 AM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software
Q2635-01MSD	PP073985.D	AR-1260-2	yogesh	7/22/2025 8:25:03 AM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software
Q2635-01MSD	PP073985.D	AR-1260-4	yogesh	7/22/2025 8:25:03 AM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software
AR1248CCC500	PP074004.D	AR-1248-3	yogesh	7/22/2025 12:09:29 PM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software
AR1660CCC500	PP074017.D	AR-1260-2	yogesh	7/22/2025 8:25:17 AM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software
AR1242CCC500	PP074018.D	Decachlorobiphenyl #2	yogesh	7/22/2025 12:09:32 PM	mohammad	7/23/2025 1:32:53	Peak Integrated by Software

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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	
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#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112086.D	08 Jul 2025 13:32	YP/AJ	Ok
2	I.BLK	PO112087.D	08 Jul 2025 13:49	YP/AJ	Ok
3	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06	YP/AJ	Ok,M
4	AR1660ICC750	PO112089.D	08 Jul 2025 14:25	YP/AJ	Ok,M
5	AR1660ICC500	PO112090.D	08 Jul 2025 14:43	YP/AJ	Ok
6	AR1660ICC250	PO112091.D	08 Jul 2025 15:02	YP/AJ	Ok,M
7	AR1660ICC050	PO112092.D	08 Jul 2025 15:21	YP/AJ	Ok,M
8	AR1221ICC500	PO112093.D	08 Jul 2025 15:38	YP/AJ	Ok
9	AR1232ICC500	PO112094.D	08 Jul 2025 15:57	YP/AJ	Ok
10	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15	YP/AJ	Ok
11	AR1242ICC750	PO112096.D	08 Jul 2025 16:34	YP/AJ	Ok
12	AR1242ICC500	PO112097.D	08 Jul 2025 16:52	YP/AJ	Ok
13	AR1242ICC250	PO112098.D	08 Jul 2025 17:11	YP/AJ	Ok
14	AR1242ICC050	PO112099.D	08 Jul 2025 17:29	YP/AJ	Ok,M
15	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48	YP/AJ	Ok
16	AR1248ICC750	PO112101.D	08 Jul 2025 18:05	YP/AJ	Ok
17	AR1248ICC500	PO112102.D	08 Jul 2025 18:24	YP/AJ	Ok
18	AR1248ICC250	PO112103.D	08 Jul 2025 18:41	YP/AJ	Ok
19	AR1248ICC050	PO112104.D	08 Jul 2025 18:59	YP/AJ	Ok,M
20	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18	YP/AJ	Ok
21	AR1254ICC750	PO112106.D	08 Jul 2025 19:35	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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	
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	PO112107.D	08 Jul 2025 19:54	YP/AJ	Ok
23	AR1254ICC250	PO112108.D	08 Jul 2025 20:11	YP/AJ	Ok
24	AR1254ICC050	PO112109.D	08 Jul 2025 20:28	YP/AJ	Ok,M
25	AR1262ICC500	PO112110.D	08 Jul 2025 20:47	YP/AJ	Ok
26	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04	YP/AJ	Ok,M
27	AR1268ICC750	PO112112.D	08 Jul 2025 21:22	YP/AJ	Ok
28	AR1268ICC500	PO112113.D	08 Jul 2025 21:39	YP/AJ	Ok
29	AR1268ICC250	PO112114.D	08 Jul 2025 21:57	YP/AJ	Ok
30	AR1268ICC050	PO112115.D	08 Jul 2025 22:16	YP/AJ	Ok,M
31	PO070825ICV500	PO112116.D	08 Jul 2025 22:34	YP/AJ	Ok,M
32	AR1242ICV500	PO112117.D	08 Jul 2025 23:11	YP/AJ	Ok
33	AR1248ICV500	PO112118.D	08 Jul 2025 23:47	YP/AJ	Ok
34	AR1254ICV500	PO112119.D	09 Jul 2025 00:24	YP/AJ	Ok
35	AR1268ICV500	PO112120.D	09 Jul 2025 01:01	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072125

Review By	yogesh	Review On	7/21/2025 1:01:47 PM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:05 AM		
SubDirectory	PO072125	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,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#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112331.D	21 Jul 2025 08:47	YP/AJ	Ok
2	AR1660CCC500	PO112332.D	21 Jul 2025 10:15	YP/AJ	Ok,M
3	AR1242CCC500	PO112333.D	21 Jul 2025 10:41	YP/AJ	Ok,M
4	AR1248CCC500	PO112334.D	21 Jul 2025 11:01	YP/AJ	Ok
5	AR1254CCC500	PO112335.D	21 Jul 2025 11:38	YP/AJ	Ok
6	I.BLK	PO112336.D	21 Jul 2025 12:34	YP/AJ	Ok
7	DDT ANALOG	PO112337.D	21 Jul 2025 12:53	YP/AJ	Ok
8	Q2639-03	PO112338.D	21 Jul 2025 13:11	YP/AJ	Ok
9	Q2639-05	PO112339.D	21 Jul 2025 13:30	YP/AJ	Ok
10	Q2639-07	PO112340.D	21 Jul 2025 13:47	YP/AJ	Ok,M
11	Q2639-09	PO112341.D	21 Jul 2025 14:06	YP/AJ	Not Ok
12	Q2639-11	PO112342.D	21 Jul 2025 14:24	YP/AJ	Not Ok
13	Q2639-13	PO112343.D	21 Jul 2025 14:41	YP/AJ	Not Ok
14	Q2641-01	PO112344.D	21 Jul 2025 14:59	YP/AJ	Ok,M
15	Q2645-02	PO112345.D	21 Jul 2025 15:16	YP/AJ	ReRun
16	AR1660CCC500	PO112346.D	21 Jul 2025 16:10	YP/AJ	Ok,M
17	AR1242CCC500	PO112347.D	21 Jul 2025 16:45	YP/AJ	Ok,M
18	AR1248CCC500	PO112348.D	21 Jul 2025 17:04	YP/AJ	Ok,M
19	AR1254CCC500	PO112349.D	21 Jul 2025 17:21	YP/AJ	Ok
20	I.BLK	PO112350.D	21 Jul 2025 17:38	YP/AJ	Ok
21	PB168943BL	PO112351.D	21 Jul 2025 19:42	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072125

Review By	yogesh	Review On	7/21/2025 1:01:47 PM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:05 AM		
SubDirectory	PO072125	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,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	PB168943BS	PO112352.D	21 Jul 2025 20:01	YP/AJ	Ok,M
23	Q2661-01	PO112353.D	21 Jul 2025 20:18	YP/AJ	Ok,M
24	Q2661-02	PO112354.D	21 Jul 2025 20:37	YP/AJ	Ok,M
25	Q2662-01	PO112355.D	21 Jul 2025 20:55	YP/AJ	Ok,M
26	Q2663-01	PO112356.D	21 Jul 2025 21:13	YP/AJ	Ok,M
27	Q2663-02	PO112357.D	21 Jul 2025 21:31	YP/AJ	Ok,M
28	Q2663-03	PO112358.D	21 Jul 2025 21:49	YP/AJ	Ok,M
29	Q2663-04	PO112359.D	21 Jul 2025 22:07	YP/AJ	Ok,M
30	AR1660CCC500	PO112360.D	21 Jul 2025 23:21	YP/AJ	Ok,M
31	AR1242CCC500	PO112361.D	22 Jul 2025 00:16	YP/AJ	Not Ok
32	AR1248CCC500	PO112362.D	22 Jul 2025 00:34	YP/AJ	Ok
33	AR1254CCC500	PO112363.D	22 Jul 2025 00:52	YP/AJ	Ok
34	I.BLK	PO112364.D	22 Jul 2025 01:10	YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM		
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM		
SubDirectory	PO072225	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,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#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112365.D	22 Jul 2025 08:18	YP/AJ	Ok
2	AR1660CCC500	PO112366.D	22 Jul 2025 08:57	YP/AJ	Ok,M
3	AR1242CCC500	PO112367.D	22 Jul 2025 09:15	YP/AJ	Ok,M
4	AR1248CCC500	PO112368.D	22 Jul 2025 09:32	YP/AJ	Ok,M
5	AR1254CCC500	PO112369.D	22 Jul 2025 09:49	YP/AJ	Ok,M
6	I.BLK	PO112370.D	22 Jul 2025 10:08	YP/AJ	Ok
7	DDT ANALOG	PO112371.D	22 Jul 2025 10:26	YP/AJ	Ok
8	Q2639-09	PO112372.D	22 Jul 2025 11:08	YP/AJ	Ok
9	Q2639-11	PO112373.D	22 Jul 2025 11:26	YP/AJ	Ok,M
10	Q2639-13	PO112374.D	22 Jul 2025 11:44	YP/AJ	Ok
11	PB168946BL	PO112375.D	22 Jul 2025 13:35	YP/AJ	Ok
12	PB168946BS	PO112376.D	22 Jul 2025 13:53	YP/AJ	Ok,M
13	Q2645-02RX	PO112377.D	22 Jul 2025 14:12	YP/AJ	Confirms
14	Q2649-01	PO112378.D	22 Jul 2025 14:30	YP/AJ	Ok
15	Q2649-01MS	PO112379.D	22 Jul 2025 14:48	YP/AJ	Ok,M
16	Q2649-01MSD	PO112380.D	22 Jul 2025 15:07	YP/AJ	Ok,M
17	AR1660CCC500	PO112381.D	22 Jul 2025 16:21	YP/AJ	Ok,M
18	AR1242CCC500	PO112382.D	22 Jul 2025 16:39	YP/AJ	Ok,M
19	AR1248CCC500	PO112383.D	22 Jul 2025 16:56	YP/AJ	Ok,M
20	AR1254CCC500	PO112384.D	22 Jul 2025 17:14	YP/AJ	Ok,M
21	I.BLK	PO112385.D	22 Jul 2025 17:32	YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM		
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM		
SubDirectory	PO072225	HP Acquire Method		HP Processing Method	PO070825

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	Q2670-01	PO112386.D	22 Jul 2025 17:49	YP/AJ	Ok,M
23	Q2670-02	PO112387.D	22 Jul 2025 18:08	YP/AJ	Ok,M
24	Q2670-03	PO112388.D	22 Jul 2025 18:25	YP/AJ	Ok,M
25	Q2670-04	PO112389.D	22 Jul 2025 18:44	YP/AJ	Ok,M
26	Q2670-05	PO112390.D	22 Jul 2025 19:02	YP/AJ	Ok,M
27	Q2670-06	PO112391.D	22 Jul 2025 19:20	YP/AJ	Ok,M
28	Q2670-07	PO112392.D	22 Jul 2025 19:39	YP/AJ	Ok,M
29	Q2670-08	PO112393.D	22 Jul 2025 19:57	YP/AJ	Ok,M
30	PB168958BL	PO112394.D	22 Jul 2025 20:34	YP/AJ	Ok,M
31	PB168958BS	PO112395.D	22 Jul 2025 20:52	YP/AJ	Ok,M
32	AR1660CCC500	PO112396.D	22 Jul 2025 22:05	YP/AJ	Ok,M
33	AR1242CCC500	PO112397.D	22 Jul 2025 23:00	YP/AJ	Ok,M
34	AR1248CCC500	PO112398.D	22 Jul 2025 23:18	YP/AJ	Ok,M
35	AR1254CCC500	PO112399.D	22 Jul 2025 23:37	YP/AJ	Ok,M
36	I.BLK	PO112400.D	22 Jul 2025 23:55	YP/AJ	Ok,M
37	PB168957BL	PO112401.D	23 Jul 2025 00:14	YP/AJ	Ok,M
38	PB168957BS	PO112402.D	23 Jul 2025 00:32	YP/AJ	Ok,M
39	PB168957BSD	PO112403.D	23 Jul 2025 00:50	YP/AJ	Ok,M
40	Q2640-01	PO112404.D	23 Jul 2025 01:09	YP/AJ	Ok,M
41	Q2646-01	PO112405.D	23 Jul 2025 01:27	YP/AJ	Ok,M
42	Q2655-03	PO112406.D	23 Jul 2025 01:46	YP/AJ	Ok,M
43	Q2655-04	PO112407.D	23 Jul 2025 02:04	YP/AJ	Ok
44	Q2657-01	PO112408.D	23 Jul 2025 02:22	YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM		
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM		
SubDirectory	PO072225	HP Acquire Method		HP Processing Method	PO070825

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,PP2435 9,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	Q2660-05	PO112409.D	23 Jul 2025 02:41	YP/AJ	Ok,M
46	AR1660CCC500	PO112410.D	23 Jul 2025 04:12	YP/AJ	Ok,M
47	I.BLK	PO112411.D	23 Jul 2025 05:43	YP/AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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	
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#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073552.D	07 Jul 2025 20:13	YP\AJ	Ok
2	I.BLK	PP073553.D	07 Jul 2025 20:30	YP\AJ	Ok
3	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03	YP\AJ	Ok
4	AR1660ICC750	PP073555.D	07 Jul 2025 21:19	YP\AJ	Ok
5	AR1660ICC500	PP073556.D	07 Jul 2025 21:35	YP\AJ	Ok
6	AR1660ICC250	PP073557.D	07 Jul 2025 21:52	YP\AJ	Ok,M
7	AR1660ICC050	PP073558.D	07 Jul 2025 22:08	YP\AJ	Ok,M
8	AR1221ICC500	PP073559.D	07 Jul 2025 22:24	YP\AJ	Ok
9	AR1232ICC500	PP073560.D	07 Jul 2025 22:41	YP\AJ	Ok
10	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57	YP\AJ	Ok
11	AR1242ICC750	PP073562.D	07 Jul 2025 23:14	YP\AJ	Ok
12	AR1242ICC500	PP073563.D	07 Jul 2025 23:30	YP\AJ	Ok
13	AR1242ICC250	PP073564.D	07 Jul 2025 23:46	YP\AJ	Ok
14	AR1242ICC050	PP073565.D	08 Jul 2025 00:03	YP\AJ	Ok,M
15	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19	YP\AJ	Ok
16	AR1248ICC750	PP073567.D	08 Jul 2025 00:35	YP\AJ	Ok
17	AR1248ICC500	PP073568.D	08 Jul 2025 00:52	YP\AJ	Ok
18	AR1248ICC250	PP073569.D	08 Jul 2025 01:08	YP\AJ	Ok
19	AR1248ICC050	PP073570.D	08 Jul 2025 01:25	YP\AJ	Ok,M
20	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41	YP\AJ	Ok
21	AR1254ICC750	PP073572.D	08 Jul 2025 01:57	YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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	
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	PP073573.D	08 Jul 2025 02:14	YP\AJ	Ok
23	AR1254ICC250	PP073574.D	08 Jul 2025 02:30	YP\AJ	Ok
24	AR1254ICC050	PP073575.D	08 Jul 2025 02:46	YP\AJ	Ok,M
25	AR1262ICC500	PP073576.D	08 Jul 2025 03:03	YP\AJ	Ok
26	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19	YP\AJ	Ok
27	AR1268ICC750	PP073578.D	08 Jul 2025 03:35	YP\AJ	Ok
28	AR1268ICC500	PP073579.D	08 Jul 2025 03:52	YP\AJ	Ok
29	AR1268ICC250	PP073580.D	08 Jul 2025 04:08	YP\AJ	Ok,M
30	AR1268ICC050	PP073581.D	08 Jul 2025 04:24	YP\AJ	Ok,M
31	PP070825ICV500	PP073582.D	08 Jul 2025 04:41	YP\AJ	Ok
32	AR1242ICV500	PP073583.D	08 Jul 2025 05:30	YP\AJ	Ok
33	AR1248ICV500	PP073584.D	08 Jul 2025 05:46	YP\AJ	Ok
34	AR1254ICV500	PP073585.D	08 Jul 2025 06:19	YP\AJ	Ok
35	AR1268ICV500	PP073586.D	08 Jul 2025 06:52	YP\AJ	Ok
36	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP072125

Review By	yogesh	Review On	7/21/2025 11:07:59 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:32:53 AM		
SubDirectory	PP072125	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,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#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073971.D	21 Jul 2025 08:35	YP\AJ	Ok
2	AR1660CCC500	PP073972.D	21 Jul 2025 08:51	YP\AJ	Ok
3	AR1242CCC500	PP073973.D	21 Jul 2025 09:08	YP\AJ	Ok
4	AR1248CCC500	PP073974.D	21 Jul 2025 09:24	YP\AJ	Ok
5	AR1254CCC500	PP073975.D	21 Jul 2025 09:40	YP\AJ	Ok
6	I.BLK	PP073976.D	21 Jul 2025 09:56	YP\AJ	Ok
7	DDT ANALOG	PP073977.D	21 Jul 2025 10:13	YP\AJ	Ok
8	PB168911BS	PP073978.D	21 Jul 2025 10:46	YP\AJ	Ok
9	PB168911BSD	PP073979.D	21 Jul 2025 11:05	YP\AJ	Ok
10	Q2610-01DL	PP073980.D	21 Jul 2025 11:21	YP\AJ	Ok,M
11	Q2610-03DL	PP073981.D	21 Jul 2025 11:37	YP\AJ	Ok,M
12	Q2610-05DL	PP073982.D	21 Jul 2025 13:07	YP\AJ	Ok,M
13	Q2635-01	PP073983.D	21 Jul 2025 13:24	YP\AJ	Ok,M
14	Q2635-01MS	PP073984.D	21 Jul 2025 13:40	YP\AJ	Ok,M
15	Q2635-01MSD	PP073985.D	21 Jul 2025 13:56	YP\AJ	Ok,M
16	Q2634-01	PP073986.D	21 Jul 2025 14:13	YP\AJ	Ok,M
17	AR1660CCC500	PP073987.D	21 Jul 2025 15:18	YP\AJ	Ok
18	AR1242CCC500	PP073988.D	21 Jul 2025 15:34	YP\AJ	Ok
19	AR1248CCC500	PP073989.D	21 Jul 2025 15:50	YP\AJ	Ok
20	AR1254CCC500	PP073990.D	21 Jul 2025 16:07	YP\AJ	Ok
21	I.BLK	PP073991.D	21 Jul 2025 16:23	YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP072125

Review By	yogesh	Review On	7/21/2025 11:07:59 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:32:53 AM		
SubDirectory	PP072125	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,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	PB168927BL	PP073992.D	21 Jul 2025 16:39	YP\AJ	Ok
23	PB168927BS	PP073993.D	21 Jul 2025 16:56	YP\AJ	Ok
24	Q2638-01	PP073994.D	21 Jul 2025 17:12	YP\AJ	ReRun
25	Q2638-03	PP073995.D	21 Jul 2025 17:29	YP\AJ	ReRun
26	Q2638-05	PP073996.D	21 Jul 2025 17:45	YP\AJ	Ok
27	Q2638-07	PP073997.D	21 Jul 2025 18:01	YP\AJ	ReRun
28	Q2638-09	PP073998.D	21 Jul 2025 18:18	YP\AJ	Ok
29	Q2638-11	PP073999.D	21 Jul 2025 18:34	YP\AJ	Ok
30	Q2638-13	PP074000.D	21 Jul 2025 18:50	YP\AJ	Ok
31	Q2639-01	PP074001.D	21 Jul 2025 19:07	YP\AJ	Ok,M
32	AR1660CCC500	PP074002.D	21 Jul 2025 20:12	YP\AJ	Ok
33	AR1242CCC500	PP074003.D	21 Jul 2025 20:45	YP\AJ	Ok
34	AR1248CCC500	PP074004.D	21 Jul 2025 21:01	YP\AJ	Ok,M
35	AR1254CCC500	PP074005.D	21 Jul 2025 21:17	YP\AJ	Ok
36	I.BLK	PP074006.D	21 Jul 2025 21:34	YP\AJ	Ok
37	Q2663-05	PP074007.D	21 Jul 2025 21:50	YP\AJ	Ok
38	Q2663-06	PP074008.D	21 Jul 2025 22:06	YP\AJ	Ok
39	Q2663-07	PP074009.D	21 Jul 2025 22:23	YP\AJ	Ok,M
40	Q2663-08	PP074010.D	21 Jul 2025 22:39	YP\AJ	Ok
41	Q2663-09	PP074011.D	21 Jul 2025 22:55	YP\AJ	Ok,M
42	Q2663-10	PP074012.D	21 Jul 2025 23:11	YP\AJ	Ok
43	Q2663-11	PP074013.D	21 Jul 2025 23:28	YP\AJ	Ok,M
44	Q2663-12	PP074014.D	21 Jul 2025 23:44	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP072125

Review By	yogesh	Review On	7/21/2025 11:07:59 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:32:53 AM		
SubDirectory	PP072125	HP Acquire Method		HP Processing Method	PP070825

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,PP2435 9,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	Q2663-13	PP074015.D	22 Jul 2025 00:00	YP\AJ	Not Ok
46	Q2663-14	PP074016.D	22 Jul 2025 00:17	YP\AJ	Ok,M
47	AR1660CCC500	PP074017.D	22 Jul 2025 01:38	YP\AJ	Ok,M
48	AR1242CCC500	PP074018.D	22 Jul 2025 01:55	YP\AJ	Ok,M
49	AR1248CCC500	PP074019.D	22 Jul 2025 02:11	YP\AJ	Ok
50	AR1254CCC500	PP074020.D	22 Jul 2025 02:27	YP\AJ	Ok
51	I.BLK	PP074021.D	22 Jul 2025 02:44	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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	
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	PO112086.D	08 Jul 2025 13:32		YP/AJ	Ok
2	I.BLK	I.BLK	PO112087.D	08 Jul 2025 13:49		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06		YP/AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PO112089.D	08 Jul 2025 14:25		YP/AJ	Ok,M
5	AR1660ICC500	AR1660ICC500	PO112090.D	08 Jul 2025 14:43		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112091.D	08 Jul 2025 15:02		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112092.D	08 Jul 2025 15:21		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112093.D	08 Jul 2025 15:38		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112094.D	08 Jul 2025 15:57		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112096.D	08 Jul 2025 16:34		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112097.D	08 Jul 2025 16:52		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112098.D	08 Jul 2025 17:11		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO112099.D	08 Jul 2025 17:29		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112101.D	08 Jul 2025 18:05		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112102.D	08 Jul 2025 18:24		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112103.D	08 Jul 2025 18:41		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM		
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM		
SubDirectory	PO070825	HP Acquire Method		HP Processing Method	PO070825

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	
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	PO112104.D	08 Jul 2025 18:59		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112106.D	08 Jul 2025 19:35		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112107.D	08 Jul 2025 19:54		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112108.D	08 Jul 2025 20:11		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112109.D	08 Jul 2025 20:28		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112110.D	08 Jul 2025 20:47		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO112112.D	08 Jul 2025 21:22		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112113.D	08 Jul 2025 21:39		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112114.D	08 Jul 2025 21:57		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112115.D	08 Jul 2025 22:16		YP/AJ	Ok,M
31	PO070825ICV500	ICVPO070825	PO112116.D	08 Jul 2025 22:34		YP/AJ	Ok,M
32	AR1242ICV500	ICVPO070825AR1242	PO112117.D	08 Jul 2025 23:11		YP/AJ	Ok
33	AR1248ICV500	ICVPO070825AR1248	PO112118.D	08 Jul 2025 23:47		YP/AJ	Ok
34	AR1254ICV500	ICVPO070825AR1254	PO112119.D	09 Jul 2025 00:24		YP/AJ	Ok
35	AR1268ICV500	ICVPO070825AR1268	PO112120.D	09 Jul 2025 01:01		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072125

Review By	yogesh	Review On	7/21/2025 1:01:47 PM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:05 AM		
SubDirectory	PO072125	HP Acquire Method		HP Processing Method	PO070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112331.D	21 Jul 2025 08:47		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112332.D	21 Jul 2025 10:15		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112333.D	21 Jul 2025 10:41	TCMX high in first column	YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO112334.D	21 Jul 2025 11:01		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO112335.D	21 Jul 2025 11:38		YP/AJ	Ok
6	I.BLK	I.BLK	PO112336.D	21 Jul 2025 12:34		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112337.D	21 Jul 2025 12:53		YP/AJ	Ok
8	Q2639-03	OU4-TS-39-071725	PO112338.D	21 Jul 2025 13:11		YP/AJ	Ok
9	Q2639-05	OU4-TS-40-071725	PO112339.D	21 Jul 2025 13:30		YP/AJ	Ok
10	Q2639-07	OU4-TS-41-071725	PO112340.D	21 Jul 2025 13:47		YP/AJ	Ok,M
11	Q2639-09	OU4-TS-42-071725	PO112341.D	21 Jul 2025 14:06	DCB Low in both column	YP/AJ	Not Ok
12	Q2639-11	OU4-TS-43-071725	PO112342.D	21 Jul 2025 14:24	DCB Low in both column	YP/AJ	Not Ok
13	Q2639-13	OU4-TS-44-071725	PO112343.D	21 Jul 2025 14:41	DCB Low in both column	YP/AJ	Not Ok
14	Q2641-01	P001-CONCRETE001-	PO112344.D	21 Jul 2025 14:59	AR1254+1260 Hit	YP/AJ	Ok,M
15	Q2645-02	RW5B-CARBON-2025(	PO112345.D	21 Jul 2025 15:16	All Surrogate fail	YP/AJ	ReRun
16	AR1660CCC500	AR1660CCC500	PO112346.D	21 Jul 2025 16:10		YP/AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PO112347.D	21 Jul 2025 16:45		YP/AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PO112348.D	21 Jul 2025 17:04		YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072125

Review By	yogesh	Review On	7/21/2025 1:01:47 PM		
Supervise By	mohammad	Supervise On	7/23/2025 1:33:05 AM		
SubDirectory	PO072125	HP Acquire Method		HP Processing Method	PO070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1254CCC500	AR1254CCC500	PO112349.D	21 Jul 2025 17:21		YP/AJ	Ok
20	I.BLK	I.BLK	PO112350.D	21 Jul 2025 17:38		YP/AJ	Ok
21	PB168943BL	PB168943BL	PO112351.D	21 Jul 2025 19:42		YP/AJ	Ok
22	PB168943BS	PB168943BS	PO112352.D	21 Jul 2025 20:01		YP/AJ	Ok,M
23	Q2661-01	245F64-1-1	PO112353.D	21 Jul 2025 20:18		YP/AJ	Ok,M
24	Q2661-02	245F64-1-2	PO112354.D	21 Jul 2025 20:37		YP/AJ	Ok,M
25	Q2662-01	L10-A	PO112355.D	21 Jul 2025 20:55	AR1254 Hit	YP/AJ	Ok,M
26	Q2663-01	BC289086-1-1	PO112356.D	21 Jul 2025 21:13		YP/AJ	Ok,M
27	Q2663-02	BC289086-1-2	PO112357.D	21 Jul 2025 21:31		YP/AJ	Ok,M
28	Q2663-03	BC289086-2-1	PO112358.D	21 Jul 2025 21:49	AR1260 Hit	YP/AJ	Ok,M
29	Q2663-04	BC289086-2-2	PO112359.D	21 Jul 2025 22:07	AR1260 Hit	YP/AJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PO112360.D	21 Jul 2025 23:21	DCB low in first column	YP/AJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PO112361.D	22 Jul 2025 00:16	CCC fail on higher side	YP/AJ	Not Ok
32	AR1248CCC500	AR1248CCC500	PO112362.D	22 Jul 2025 00:34		YP/AJ	Ok
33	AR1254CCC500	AR1254CCC500	PO112363.D	22 Jul 2025 00:52	TCMX high in first column	YP/AJ	Ok
34	I.BLK	I.BLK	PO112364.D	22 Jul 2025 01:10		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM		
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM		
SubDirectory	PO072225	HP Acquire Method		HP Processing Method	PO070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112365.D	22 Jul 2025 08:18		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112366.D	22 Jul 2025 08:57		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112367.D	22 Jul 2025 09:15		YP/AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PO112368.D	22 Jul 2025 09:32		YP/AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PO112369.D	22 Jul 2025 09:49		YP/AJ	Ok,M
6	I.BLK	I.BLK	PO112370.D	22 Jul 2025 10:08		YP/AJ	Ok
7	DDT ANALOG	DDT ANALOG	PO112371.D	22 Jul 2025 10:26		YP/AJ	Ok
8	Q2639-09	OU4-TS-42-071725	PO112372.D	22 Jul 2025 11:08		YP/AJ	Ok
9	Q2639-11	OU4-TS-43-071725	PO112373.D	22 Jul 2025 11:26		YP/AJ	Ok,M
10	Q2639-13	OU4-TS-44-071725	PO112374.D	22 Jul 2025 11:44		YP/AJ	Ok
11	PB168946BL	PB168946BL	PO112375.D	22 Jul 2025 13:35		YP/AJ	Ok
12	PB168946BS	PB168946BS	PO112376.D	22 Jul 2025 13:53		YP/AJ	Ok,M
13	Q2645-02RX	RW5B-CARBON-20250	PO112377.D	22 Jul 2025 14:12	All surrogate fail	YP/AJ	Confirms
14	Q2649-01	WC-1	PO112378.D	22 Jul 2025 14:30		YP/AJ	Ok
15	Q2649-01MS	WC-1MS	PO112379.D	22 Jul 2025 14:48		YP/AJ	Ok,M
16	Q2649-01MSD	WC-1MSD	PO112380.D	22 Jul 2025 15:07	RPD Fail	YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO112381.D	22 Jul 2025 16:21		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112382.D	22 Jul 2025 16:39		YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM		
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM		
SubDirectory	PO072225	HP Acquire Method		HP Processing Method	PO070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PO112383.D	22 Jul 2025 16:56		YP/AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PO112384.D	22 Jul 2025 17:14		YP/AJ	Ok,M
21	I.BLK	I.BLK	PO112385.D	22 Jul 2025 17:32		YP/AJ	Ok
22	Q2670-01	RBR251375-1	PO112386.D	22 Jul 2025 17:49	AR1248 Hit	YP/AJ	Ok,M
23	Q2670-02	RBR251375-2	PO112387.D	22 Jul 2025 18:08	AR1248 Hit	YP/AJ	Ok,M
24	Q2670-03	72-11995-1	PO112388.D	22 Jul 2025 18:25	AR1248 Hit	YP/AJ	Ok,M
25	Q2670-04	72-11995-2	PO112389.D	22 Jul 2025 18:44	AR1248 Hit	YP/AJ	Ok,M
26	Q2670-05	72-12000-1	PO112390.D	22 Jul 2025 19:02	AR1248 Hit	YP/AJ	Ok,M
27	Q2670-06	72-12000-2	PO112391.D	22 Jul 2025 19:20	AR1248 Hit	YP/AJ	Ok,M
28	Q2670-07	72-11991-1	PO112392.D	22 Jul 2025 19:39	AR1248 Hit	YP/AJ	Ok,M
29	Q2670-08	72-11991-2	PO112393.D	22 Jul 2025 19:57	AR1248 Hit	YP/AJ	Ok,M
30	PB168958BL	PB168958BL	PO112394.D	22 Jul 2025 20:34		YP/AJ	Ok,M
31	PB168958BS	PB168958BS	PO112395.D	22 Jul 2025 20:52		YP/AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PO112396.D	22 Jul 2025 22:05		YP/AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PO112397.D	22 Jul 2025 23:00		YP/AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PO112398.D	22 Jul 2025 23:18		YP/AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PO112399.D	22 Jul 2025 23:37		YP/AJ	Ok,M
36	I.BLK	I.BLK	PO112400.D	22 Jul 2025 23:55		YP/AJ	Ok,M
37	PB168957BL	PB168957BL	PO112401.D	23 Jul 2025 00:14		YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO072225

Review By	yogesh	Review On	7/22/2025 12:28:05 PM		
Supervise By	mohammad	Supervise On	7/24/2025 1:25:37 AM		
SubDirectory	PO072225	HP Acquire Method		HP Processing Method	PO070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	PB168957BS	PB168957BS	PO112402.D	23 Jul 2025 00:32		YP/AJ	Ok,M
39	PB168957BSD	PB168957BSD	PO112403.D	23 Jul 2025 00:50		YP/AJ	Ok,M
40	Q2640-01	ELMORA-WATER	PO112404.D	23 Jul 2025 01:09		YP/AJ	Ok,M
41	Q2646-01	FRAC TANK	PO112405.D	23 Jul 2025 01:27		YP/AJ	Ok,M
42	Q2655-03	71125	PO112406.D	23 Jul 2025 01:46		YP/AJ	Ok,M
43	Q2655-04	71425	PO112407.D	23 Jul 2025 02:04		YP/AJ	Ok
44	Q2657-01	12825-A	PO112408.D	23 Jul 2025 02:22		YP/AJ	Ok,M
45	Q2660-05	MOO-25-0220	PO112409.D	23 Jul 2025 02:41		YP/AJ	Ok,M
46	AR1660CCC500	AR1660CCC500	PO112410.D	23 Jul 2025 04:12	DCB low in both column	YP/AJ	Ok,M
47	I.BLK	I.BLK	PO112411.D	23 Jul 2025 05:43		YP/AJ	Ok,M

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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	
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	PP073552.D	07 Jul 2025 20:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP073553.D	07 Jul 2025 20:30		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073555.D	07 Jul 2025 21:19		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073556.D	07 Jul 2025 21:35		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073557.D	07 Jul 2025 21:52		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP073558.D	07 Jul 2025 22:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073559.D	07 Jul 2025 22:24		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073560.D	07 Jul 2025 22:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073562.D	07 Jul 2025 23:14		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073563.D	07 Jul 2025 23:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073564.D	07 Jul 2025 23:46		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073565.D	08 Jul 2025 00:03		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073567.D	08 Jul 2025 00:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073568.D	08 Jul 2025 00:52		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073569.D	08 Jul 2025 01:08		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM		
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM		
SubDirectory	PP070825	HP Acquire Method		HP Processing Method	PP070825

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	
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	PP073570.D	08 Jul 2025 01:25		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073572.D	08 Jul 2025 01:57		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073573.D	08 Jul 2025 02:14		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073574.D	08 Jul 2025 02:30		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073575.D	08 Jul 2025 02:46		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073576.D	08 Jul 2025 03:03		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073578.D	08 Jul 2025 03:35		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073579.D	08 Jul 2025 03:52		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073580.D	08 Jul 2025 04:08		YP\AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073581.D	08 Jul 2025 04:24		YP\AJ	Ok,M
31	PP070825ICV500	ICVPP070825	PP073582.D	08 Jul 2025 04:41		YP\AJ	Ok
32	AR1242ICV500	ICVPP070825AR1242	PP073583.D	08 Jul 2025 05:30		YP\AJ	Ok
33	AR1248ICV500	ICVPP070825AR1248	PP073584.D	08 Jul 2025 05:46		YP\AJ	Ok
34	AR1254ICV500	ICVPP070825AR1254	PP073585.D	08 Jul 2025 06:19		YP\AJ	Ok
35	AR1268ICV500	ICVPP070825AR1268	PP073586.D	08 Jul 2025 06:52		YP\AJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP072125

Review By	yogesh	Review On	7/21/2025 11:07:59 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:32:53 AM		
SubDirectory	PP072125	HP Acquire Method		HP Processing Method	PP070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073971.D	21 Jul 2025 08:35		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073972.D	21 Jul 2025 08:51		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP073973.D	21 Jul 2025 09:08		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073974.D	21 Jul 2025 09:24		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073975.D	21 Jul 2025 09:40		YP\AJ	Ok
6	I.BLK	I.BLK	PP073976.D	21 Jul 2025 09:56		YP\AJ	Ok
7	DDT ANALOG	DDT ANALOG	PP073977.D	21 Jul 2025 10:13		YP\AJ	Ok
8	PB168911BS	PB168911BS	PP073978.D	21 Jul 2025 10:46		YP\AJ	Ok
9	PB168911BSD	PB168911BSD	PP073979.D	21 Jul 2025 11:05		YP\AJ	Ok
10	Q2610-01DL	2010DL	PP073980.D	21 Jul 2025 11:21	AR1242 Hit	YP\AJ	Ok,M
11	Q2610-03DL	2012DL	PP073981.D	21 Jul 2025 11:37	AR1248 Hit	YP\AJ	Ok,M
12	Q2610-05DL	2014DL	PP073982.D	21 Jul 2025 13:07	AR1248 Hit	YP\AJ	Ok,M
13	Q2635-01	RT2286	PP073983.D	21 Jul 2025 13:24	AR1260 Hit	YP\AJ	Ok,M
14	Q2635-01MS	RT2286MS	PP073984.D	21 Jul 2025 13:40		YP\AJ	Ok,M
15	Q2635-01MSD	RT2286MSD	PP073985.D	21 Jul 2025 13:56		YP\AJ	Ok,M
16	Q2634-01	J2315	PP073986.D	21 Jul 2025 14:13		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP073987.D	21 Jul 2025 15:18	DCB HIGH in second column	YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP073988.D	21 Jul 2025 15:34		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP072125

Review By	yogesh	Review On	7/21/2025 11:07:59 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:32:53 AM		
SubDirectory	PP072125	HP Acquire Method		HP Processing Method	PP070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP073989.D	21 Jul 2025 15:50		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073990.D	21 Jul 2025 16:07		YP\AJ	Ok
21	I.BLK	I.BLK	PP073991.D	21 Jul 2025 16:23		YP\AJ	Ok
22	PB168927BL	PB168927BL	PP073992.D	21 Jul 2025 16:39		YP\AJ	Ok
23	PB168927BS	PB168927BS	PP073993.D	21 Jul 2025 16:56		YP\AJ	Ok
24	Q2638-01	OU4-TS-31-071725	PP073994.D	21 Jul 2025 17:12	DCB Low in both column	YP\AJ	ReRun
25	Q2638-03	OU4-TS-32-071725	PP073995.D	21 Jul 2025 17:29	DCB Low in both column	YP\AJ	ReRun
26	Q2638-05	OU4-TS-33-071725	PP073996.D	21 Jul 2025 17:45	DCB Low in 1st column	YP\AJ	Ok
27	Q2638-07	OU4-TS-34-071725	PP073997.D	21 Jul 2025 18:01	DCB Low in both column	YP\AJ	ReRun
28	Q2638-09	OU4-TS-35-071725	PP073998.D	21 Jul 2025 18:18		YP\AJ	Ok
29	Q2638-11	OU4-TS-36-071725	PP073999.D	21 Jul 2025 18:34	DCB Low in 1st column	YP\AJ	Ok
30	Q2638-13	OU4-TS-37-071725	PP074000.D	21 Jul 2025 18:50		YP\AJ	Ok
31	Q2639-01	OU4-TS-38-071725	PP074001.D	21 Jul 2025 19:07	DCB Low in 1st column,AR1254 hit	YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP074002.D	21 Jul 2025 20:12	AR1260-2 low in first column	YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP074003.D	21 Jul 2025 20:45		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP074004.D	21 Jul 2025 21:01		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP074005.D	21 Jul 2025 21:17		YP\AJ	Ok
36	I.BLK	I.BLK	PP074006.D	21 Jul 2025 21:34		YP\AJ	Ok
37	Q2663-05	HEI379F-1-1	PP074007.D	21 Jul 2025 21:50		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP072125

Review By	yogesh	Review On	7/21/2025 11:07:59 AM		
Supervise By	mohammad	Supervise On	7/23/2025 1:32:53 AM		
SubDirectory	PP072125	HP Acquire Method		HP Processing Method	PP070825

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,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2663-06	HEI379F-1-2	PP074008.D	21 Jul 2025 22:06		YP\AJ	Ok
39	Q2663-07	BC274318-1-1	PP074009.D	21 Jul 2025 22:23		YP\AJ	Ok,M
40	Q2663-08	BC274318-1-2	PP074010.D	21 Jul 2025 22:39	AR1260 hit	YP\AJ	Ok
41	Q2663-09	BC247637-1-1	PP074011.D	21 Jul 2025 22:55		YP\AJ	Ok,M
42	Q2663-10	BC247637-1-2	PP074012.D	21 Jul 2025 23:11		YP\AJ	Ok
43	Q2663-11	BC122903-1-1	PP074013.D	21 Jul 2025 23:28		YP\AJ	Ok,M
44	Q2663-12	BC122903-1-2	PP074014.D	21 Jul 2025 23:44		YP\AJ	Ok,M
45	Q2663-13	HEH700H-1-1	PP074015.D	22 Jul 2025 00:00	Signal#2 not detected.	YP\AJ	Not Ok
46	Q2663-14	HEH700H-1-2	PP074016.D	22 Jul 2025 00:17	AR1254 Hit	YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP074017.D	22 Jul 2025 01:38		YP\AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP074018.D	22 Jul 2025 01:55		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP074019.D	22 Jul 2025 02:11		YP\AJ	Ok
50	AR1254CCC500	AR1254CCC500	PP074020.D	22 Jul 2025 02:27		YP\AJ	Ok
51	I.BLK	I.BLK	PP074021.D	22 Jul 2025 02:44		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
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: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

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
Q2637-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q2637-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q2637-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q2637-10	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q2637-11	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q2637-12	PEST-GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q2638-01	OU4-TS-31-071725	7	1.15	10.44	11.59	8.29	68.4	
Q2638-03	OU4-TS-32-071725	8	1.14	10.41	11.55	7.92	65.1	
Q2638-05	OU4-TS-33-071725	9	1.12	10.69	11.81	8.04	64.7	
Q2638-07	OU4-TS-34-071725	10	1.18	10.81	11.99	8.58	68.5	
Q2638-09	OU4-TS-35-071725	11	1.18	10.24	11.42	9.62	82.4	
Q2638-11	OU4-TS-36-071725	12	1.16	10.22	11.38	9.53	81.9	
Q2638-13	OU4-TS-37-071725	13	1.14	10.27	11.41	9.48	81.2	
Q2639-01	OU4-TS-38-071725	14	1.16	10.58	11.74	9.69	80.6	
Q2639-03	OU4-TS-39-071725	15	1.12	10.64	11.76	9.74	81.0	
Q2639-05	OU4-TS-40-071725	16	1.16	10.23	11.39	9.42	80.7	
Q2639-07	OU4-TS-41-071725	17	1.18	10.20	11.38	9.54	82.0	
Q2639-09	OU4-TS-42-071725	18	1.19	10.34	11.53	7.42	60.3	
Q2639-11	OU4-TS-43-071725	19	1.19	10.67	11.86	7.38	58.0	
Q2639-13	OU4-TS-44-071725	20	1.12	10.87	11.99	8.18	64.9	
Q2641-01	P001-CONCRETE001-01	21	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q2645-02	RW5B-CARBON-20250716	22	1.17	10.52	11.69	8.39	68.6	
Q2648-01	A3	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-02	A4	24	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-03	B2	25	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-04	B3	26	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2648-05	B4	27	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2651-01	MH 2-1	28	1.18	10.67	11.85	11.26	94.5	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/21/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:15
In Date: 07/18/2025
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: 07/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB136542

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
Q2651-02	MH 6-5	29	1.15	10.40	11.55	10.9	93.8	
Q2651-03	MH 7-6	30	1.12	10.20	11.32	10.7	93.9	
Q2651-04	MH 8-7	31	1.13	10.44	11.57	11.01	94.6	
Q2651-05	MH 9-8	32	1.13	10.27	11.4	10.67	92.9	

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

Q2645-PCB

WORKLIST(Hardcopy Internal Chain)

WR 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2637-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-10	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-11	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2637-12	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-01	OU4-TS-31-071725	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	07/11/2025	Chemtech -SO
Q2638-03	OU4-TS-32-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-05	OU4-TS-33-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-07	OU4-TS-34-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-09	OU4-TS-35-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-11	OU4-TS-36-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2638-13	OU4-TS-37-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-01	OU4-TS-38-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O21	07/17/2025	Chemtech -SO
Q2639-03	OU4-TS-39-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-05	OU4-TS-40-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-07	OU4-TS-41-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-09	OU4-TS-42-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-11	OU4-TS-43-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2639-13	OU4-TS-44-071725	Solid	Percent Solids	Cool 4 deg C	NOBI03	O13	07/17/2025	Chemtech -SO
Q2641-01	P001-CONCRETE001-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	O22	07/16/2025	Chemtech -SO

Date/Time 07/18/25 15:30

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

Q2645-PCB

WORKLIST(Hardcopy Internal Chain)

VB 136542

WorkList Name : %1-071825 **WorkList ID :** 190813 **Department :** Wet-Chemistry **Date :** 07-18-2025 07:56:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2645-02	RW5B-CARBON-20250716	Solid	Percent Solids	Cool 4 deg C	TETR06	O41	07/16/2025	Chemtech -SO
Q2648-01	A3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-02	A4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-03	B2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-04	B3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2648-05	B4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	07/18/2025	Chemtech -SO
Q2651-01	MH 2-1	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-02	MH 6-5	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-03	MH 7-6	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-04	MH 8-7	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO
Q2651-05	MH 9-8	Solid	Percent Solids	Cool 4 deg C	EARTH03	O22	07/17/2025	Chemtech -SO

709 of 1225

Date/Time 07/18/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 07/18/25 17:35

Raw Sample Received by:

Raw Sample Relinquished by:

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168927

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 07/21/2025

Extraction Start Time : 08:30

Extraction End Date : 07/21/2025

Extraction End Time : 11:45

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	EP2625
Hexane	N/A	E3956
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723,Q2634-01 used Limited volume as sample is oil.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/21/25	RS (Ext Lab)	Y-P-PREP LAB.
11:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168927

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 07/21/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168927BL	ABLK927	PCB	30.02	N/A	ritesh	Evelyn	10			U2-1
PB168927BS	ALCS927	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q2634-01	J2315	PCB	1.03	N/A	ritesh	Evelyn	10		Oil	
Q2635-01	RT2286	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q2635-01MS	RT2286MS	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q2635-01MSD	RT2286MSD	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
Q2638-01	OU4-TS-31-071725	PCB	30.04	N/A	ritesh	Evelyn	10	D		6
Q2638-03	OU4-TS-32-071725	PCB	30.08	N/A	ritesh	Evelyn	10	D		U3-1
Q2638-05	OU4-TS-33-071725	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
Q2638-07	OU4-TS-34-071725	PCB	30.07	N/A	ritesh	Evelyn	10	D		3
Q2638-09	OU4-TS-35-071725	PCB	30.03	N/A	ritesh	Evelyn	10	D		4
Q2638-11	OU4-TS-36-071725	PCB	30.05	N/A	ritesh	Evelyn	10	D		5
Q2638-13	OU4-TS-37-071725	PCB	30.02	N/A	ritesh	Evelyn	10	D		6
Q2639-01	OU4-TS-38-071725	PCB	30.01	N/A	ritesh	Evelyn	10	D		U6-1
Q2639-03	OU4-TS-39-071725	PCB	30.04	N/A	ritesh	Evelyn	10	D		2
Q2639-05	OU4-TS-40-071725	PCB	30.06	N/A	ritesh	Evelyn	10	D		3
Q2639-07	OU4-TS-41-071725	PCB	30.09	N/A	ritesh	Evelyn	10	D		4
Q2639-09	OU4-TS-42-071725	PCB	30.05	N/A	ritesh	Evelyn	10	D		5
Q2639-11	OU4-TS-43-071725	PCB	30.06	N/A	ritesh	Evelyn	10	D		6
Q2639-13	OU4-TS-44-071725	PCB	30.02	N/A	ritesh	Evelyn	10	D		U1-1
Q2641-01	P001-CONCRETE001-01	PCB	30.06	N/A	ritesh	Evelyn	10		Concrete	2
Q2645-02	RW5B-CARBON-20250716	PCB	30.03	N/A	ritesh	Evelyn	10	B		3

RS 7/21

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

Q2645-PCB

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2635 **WorkList ID :** 190838 **Department :** Extraction **Date :** 07-21-2025 08:25:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2634-01	J2315	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/17/2025	8082A
Q2635-01	RT2286	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/17/2025	8082A
Q2638-01	OU4-TS-31-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2638-03	OU4-TS-32-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2638-05	OU4-TS-33-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2638-07	OU4-TS-34-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2638-09	OU4-TS-35-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2638-11	OU4-TS-36-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2638-13	OU4-TS-37-071725	Solid	PCB	Cool 4 deg C	NOBI03	O21	07/17/2025	8082A
Q2639-01	OU4-TS-38-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2639-03	OU4-TS-39-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2639-05	OU4-TS-40-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2639-07	OU4-TS-41-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2639-09	OU4-TS-42-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2639-11	OU4-TS-43-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2639-13	OU4-TS-44-071725	Solid	PCB	Cool 4 deg C	NOBI03	O13	07/17/2025	8082A
Q2641-01	P001-CONCRETE001-01	Solid	PCB	Cool 4 deg C	ROYF02	O22	07/16/2025	8082A
Q2645-02	RW5B-CARBON-20250716	Solid	PCB	Cool 4 deg C	TETR06	O41	07/16/2025	8082A

Date/Time 07/21/25 8:25
Raw Sample Received by: RJ CLIENT-LAB
Raw Sample Relinquished by:

Date/Time 07/21/25 8:55
Raw Sample Received by:
Raw Sample Relinquished by: RJ CLIENT-LAB

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168946

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 07/22/2025

Extraction Start Time : 09:40

Extraction End Date : 07/22/2025

Extraction End Time : 12:55

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	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	EP2625
Hexane	N/A	E3956
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723,Q2660-03 used Limited volume as sample is oil debris.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/22/25 13:00	RS (Ext lab)	Y+ Pest IPC
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168946

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 07/22/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168946BL	ABLK946	PCB	30.02	N/A	RUPESH	Evelyn	10			U2-1
PB168946BS	ALCS946	PCB	30.03	N/A	RUPESH	Evelyn	10			2
Q2645-02	RW5B-CARBON-20250716	PCB	30.04	N/A	RUPESH	Evelyn	10	B		3
Q2649-01	WC-1	PCB	30.07	N/A	RUPESH	Evelyn	10	E		4
Q2649-01MS	WC-1MS	PCB	30.03	N/A	RUPESH	Evelyn	10	E		5
Q2649-01MSD	WC-1MSD	PCB	30.05	N/A	RUPESH	Evelyn	10	E		6
Q2649-05	WC-2	PCB	30.03	N/A	RUPESH	Evelyn	10	E		U3-1
Q2649-09	WC-3	PCB	30.01	N/A	RUPESH	Evelyn	10	E		2
Q2649-13	WC-4	PCB	30.05	N/A	RUPESH	Evelyn	10	E		3
Q2649-17	WC-5	PCB	30.04	N/A	RUPESH	Evelyn	10	E		4
Q2649-21	WC-6	PCB	30.07	N/A	RUPESH	Evelyn	10	E		5
Q2651-01	MH 2-1	PCB	30.08	N/A	RUPESH	Evelyn	10	B		6
Q2651-02	MH 6-5	PCB	30.02	N/A	RUPESH	Evelyn	10	B		U6-1
Q2651-03	MH 7-6	PCB	30.07	N/A	RUPESH	Evelyn	10	B		2
Q2651-04	MH 8-7	PCB	30.02	N/A	RUPESH	Evelyn	10	B		3
Q2651-05	MH 9-8	PCB	30.04	N/A	RUPESH	Evelyn	10	B		4
Q2658-01	PAD-072125-1	PCB	30.06	N/A	RUPESH	Evelyn	10	D	Concrete	5
Q2658-02	PAD-072125-2	PCB	30.02	N/A	RUPESH	Evelyn	10	D	Concrete	6
Q2660-01	MOO-25-0205	PCB	30.01	N/A	RUPESH	Evelyn	10	D	Small Particle	U1-1
Q2660-03	MOO-25-0218	PCB	5.06	N/A	RUPESH	Evelyn	10	D	Oily Debris	2

RS 7/22

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

CHEMTECH

284 Sheffield Street, Mountainside NJ 07092

RE-EXTRACTION NOTIFICATION

DATE: 07/22/25 Initiated by: Y.P.

Fraction: PCB

Reason: ✓ Low Surrogate Recovery

____ Other _____

Samples affected:	Matrix	Sample Date	Prep. Batch	Extra Sample Yes No	Verified By	New Prep. Batch
Q2645-02	solid	07/16/25	168927	Yes	RS	1168946

RS 7/22

Extraction Supervisor Signature: RS Date: 7/22/25

Form Initiator's Signature: Y.P. Date: 07/22/25

QA Control # A3041248

09/23/24
Page 20

Q2645-PCB

168946
9:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2649 **WorkList ID :** 190863 **Department :** Extraction **Date :** 07-22-2025 09:00:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2645-02	RW5B-CARBON-20250716	Solid	PCB	Cool 4 deg C	TETR06	O41	07/16/2025	8082A
Q2649-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2649-05	WC-2	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2649-09	WC-3	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2649-13	WC-4	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2649-17	WC-5	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2649-21	WC-6	Solid	PCB	Cool 4 deg C	PSEG03	D41	07/18/2025	8082A
Q2651-01	MH 2-1	Solid	PCB	Cool 4 deg C	EARTH03	O22	07/17/2025	8082A
Q2651-02	MH 6-5	Solid	PCB	Cool 4 deg C	EARTH03	O22	07/17/2025	8082A
Q2651-03	MH 7-6	Solid	PCB	Cool 4 deg C	EARTH03	O22	07/17/2025	8082A
Q2651-04	MH 8-7	Solid	PCB	Cool 4 deg C	EARTH03	O22	07/17/2025	8082A
Q2651-05	MH 9-8	Solid	PCB	Cool 4 deg C	EARTH03	O22	07/17/2025	8082A
Q2658-01	PAD-072125-1	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/21/2025	8082A
Q2658-02	PAD-072125-2	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/21/2025	8082A
Q2660-01	MOO-25-0205	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/21/2025	8082A
Q2660-03	MOO-25-0218	Solid	PCB	Cool 4 deg C	PSEG03	D31	07/21/2025	8082A

716 of 1225

Date/Time 7/22/25 9:35
Raw Sample Received by: EH (Ext lab)
Raw Sample Relinquished by:

Date/Time 7/22/25 10:05
Raw Sample Received by:
Raw Sample Relinquished by: EH (Ext lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q2645

Test : PCB

Prepbatch ID : PB168927,PB168946,

Sequence ID/Qc Batch ID: po072125,PO072225,pp072125,

Standard ID :
EP2610,EP2625,EP2627,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 :
E3551,E3804,E3877,E3940,E3944,E3949,E3950,E3951,E3956,M6157,P11522,P12699,P12702,P12931,P12936,P12949,P12950,P12957,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13786,P13830,P13878,P13883,W3112,W3177,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2625	07/15/2025	12/04/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

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

Extractions STANDARD PREPARATION LOG

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

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	12/04/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

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	11/05/2025	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 #
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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	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	07/16/2025 / RUPESH	07/16/2025 / RUPESH	E3956

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	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.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

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

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

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
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%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
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.

RG-02-01, Ed. 3

Recd. by RB on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

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

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

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

Test	Specification	Result

For Microelectronic Use

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

Michelle Bales
Sr. Manager, Quality Assurance

ThermoFisher SCIENTIFIC

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™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

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

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

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

Recd by RP on 6/11/25

E3940

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date:2027-05-24
Revision No.: 0

Certificate of Analysis

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

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

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

E3944

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

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

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

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

Read on 7/2/25

E3949

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

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

3950

Read on 7/02/25

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

VWR® BDH® CHEMICALS

Certificate of Analysis

Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO2
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 7/9/25.

E3951

Internal ID #: 793

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

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C_6 Isomers) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

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

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

Recieved on 7/16/25

E3956

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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

M615 MB

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H_2SO_4)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO2)	<= 2 ppm	<2 ppm
Ammonium (NH_4)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO_3)	<= 0.2 ppm	0.1 ppm
Phosphate (PO_4)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

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

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent/ Acet

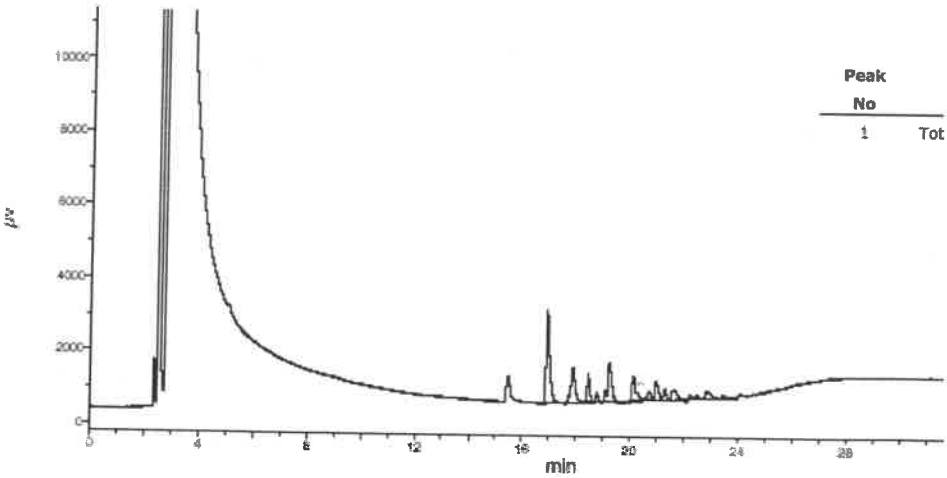
5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0 — 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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.)

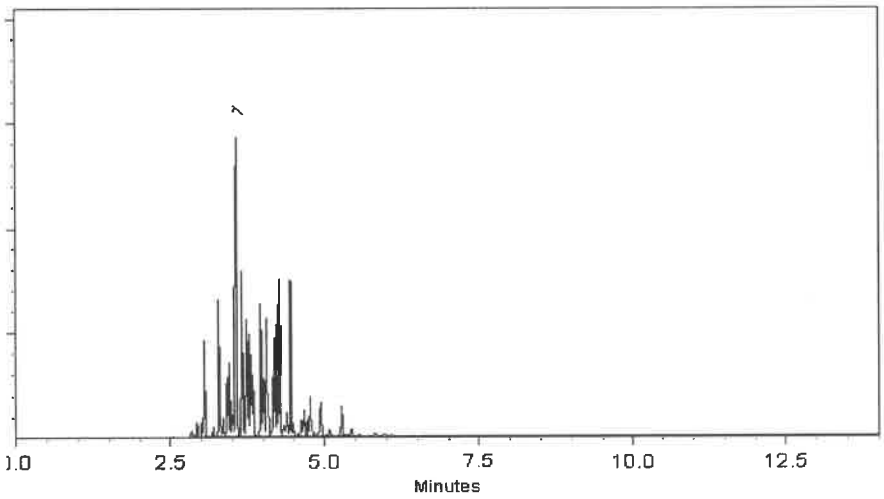
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933
↓
P12937
AJ
12/07/23

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

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.)

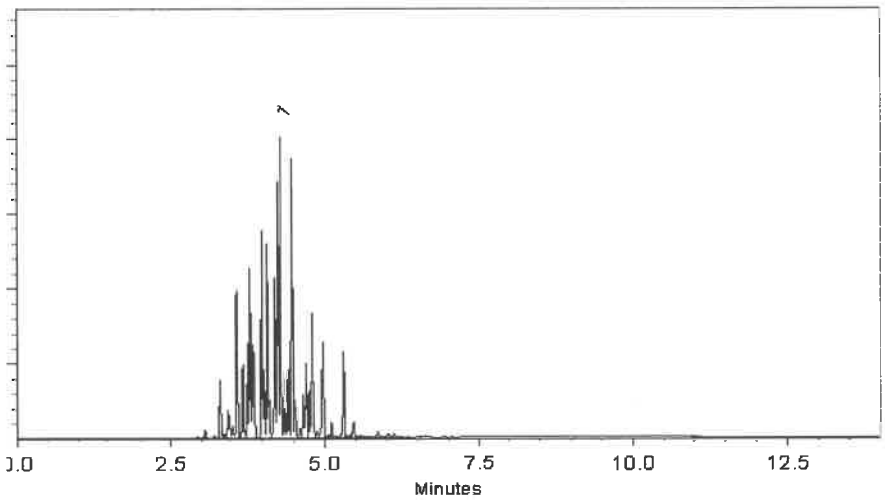
Inj. Temp:
250°C

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

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

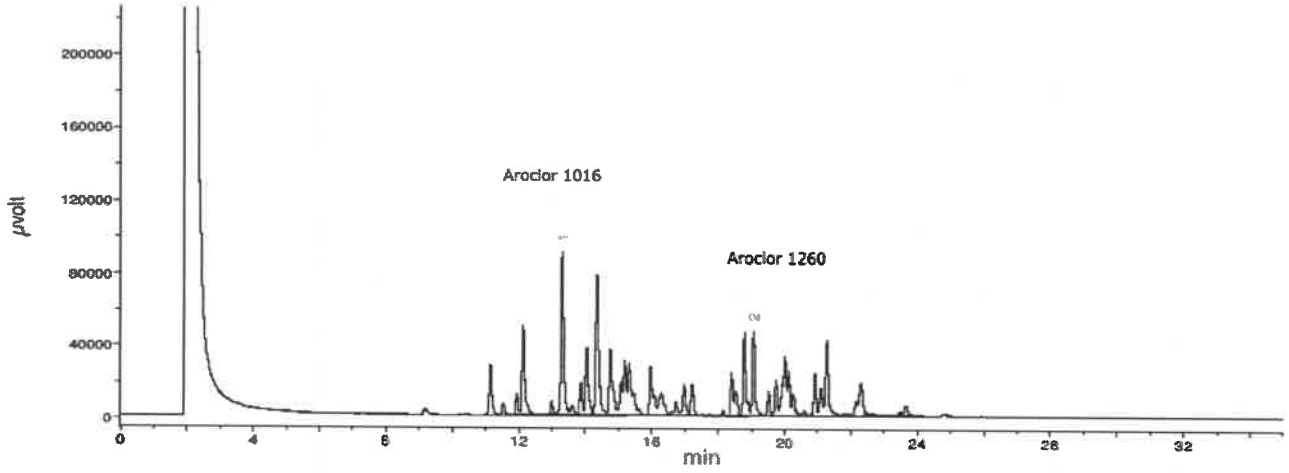
Formulated By: Benson Chan	022023 DATE
Reviewed By: Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

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

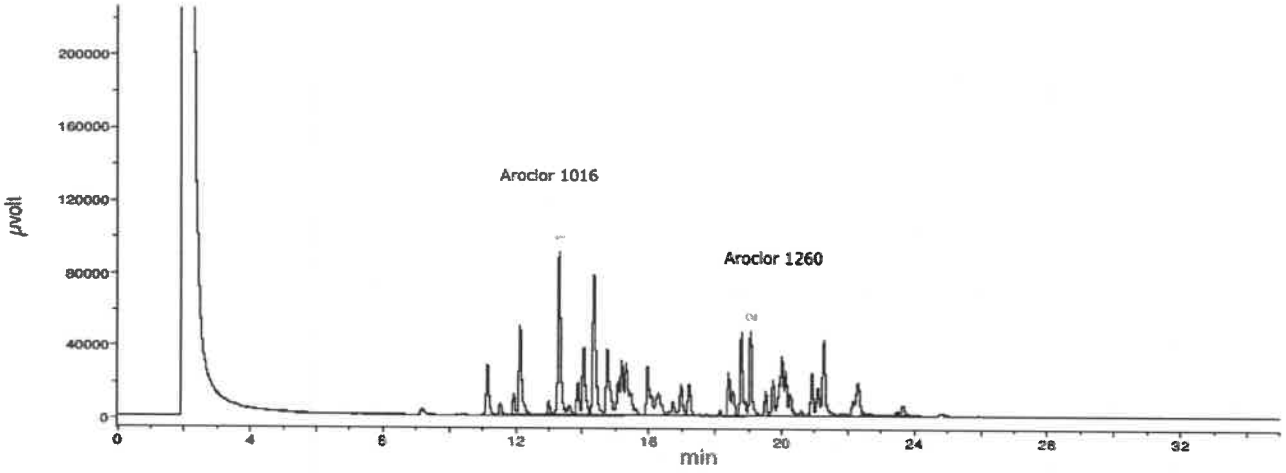
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 99139
Lot Number: 121823
Description: Aroclor 1254

Solvent(s): Iso-octane **Lot#** 82227

Expiration Date: 121833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty
0.003 Flask Uncertainty

Volume(s) shown below were combined and diluted to (mL): 20.0

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

P12956 & P12957 Y-P 12/20/23

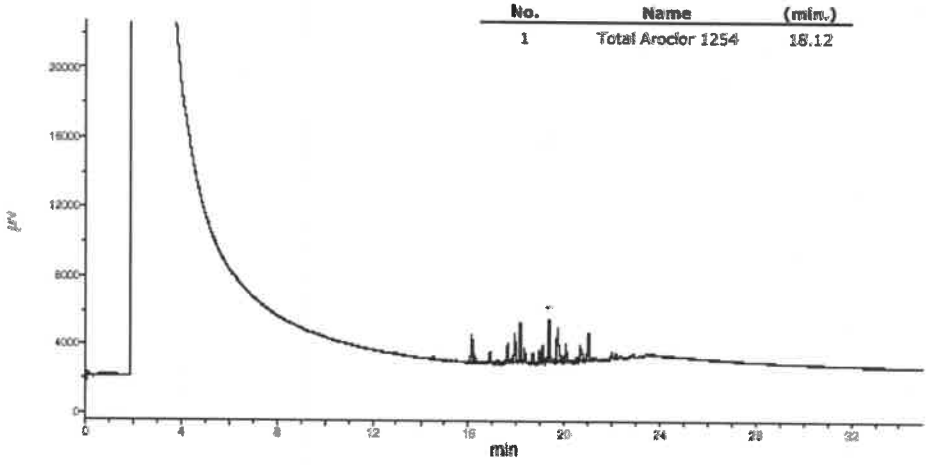
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

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



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 (10)
↓
P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

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

Carrier Gas:
hellum-constant pressure 20 psi.

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

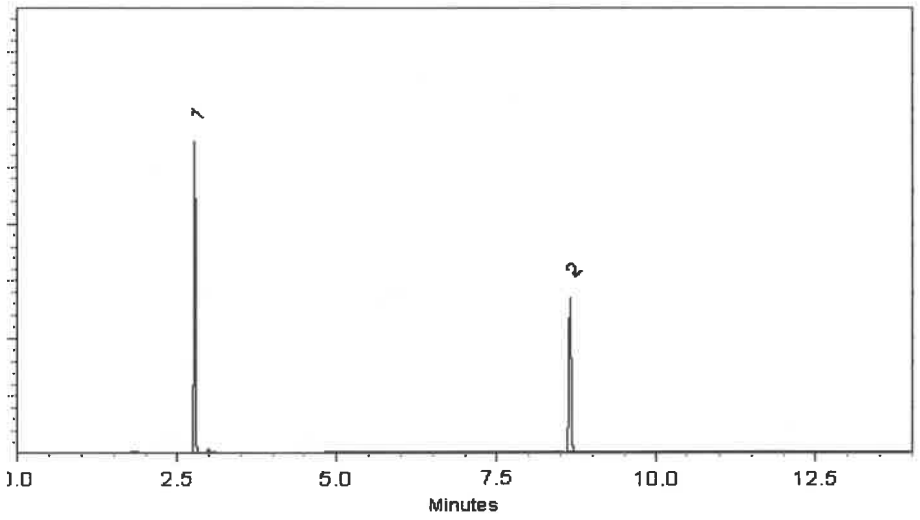
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 24-Jan-2024

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

P13348 (10)
↓
P13357
04/25/2025

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

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.

P133f2
↓
P133f3

AJ
05106124

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** 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 13386 → P 13381 (2)

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.)

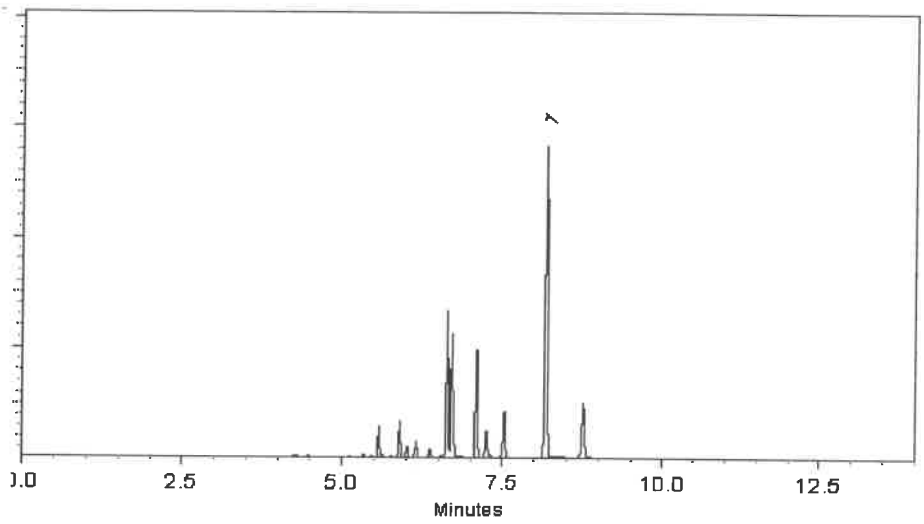
Inj. Temp:
250°C

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 - Operations Tech I **Date Mixed:** 06-Feb-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I **Date Passed:** 09-Feb-2024

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

P13380 (2)
↓
P13381
1

05/6/2024

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4	±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589 ↓ P13590

AJ 10/14/24

CSD-QA-015.1

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

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

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
Expiration Date: 28-Feb-2031

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591 ↓ P13592

AJ 10/14/2024

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

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

ISO 17025

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697 ↓ P13701 } Y.P. 10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

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

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

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

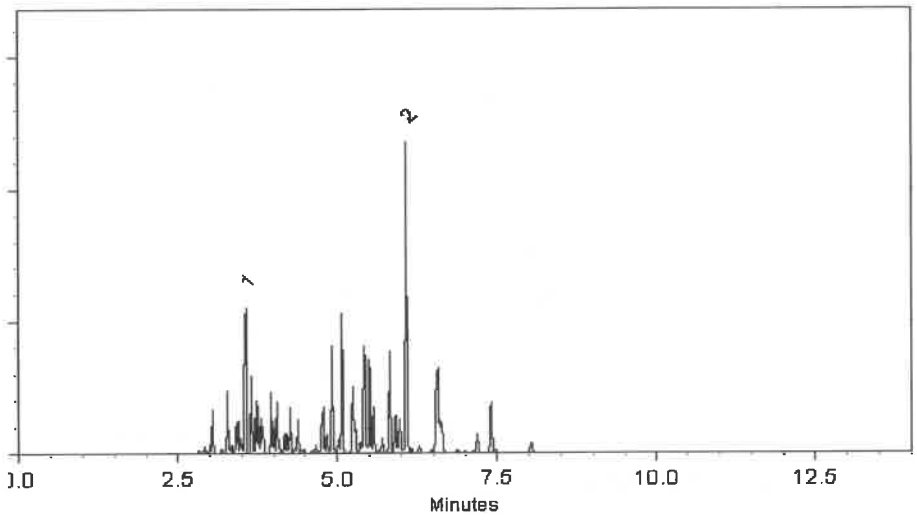
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 22-Apr-2024 **Balance Serial #** B442140311

Dillan Murphy - Operations Technician I **Date Passed:** 24-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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

P13702 & P13703 } Y.P. 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.)

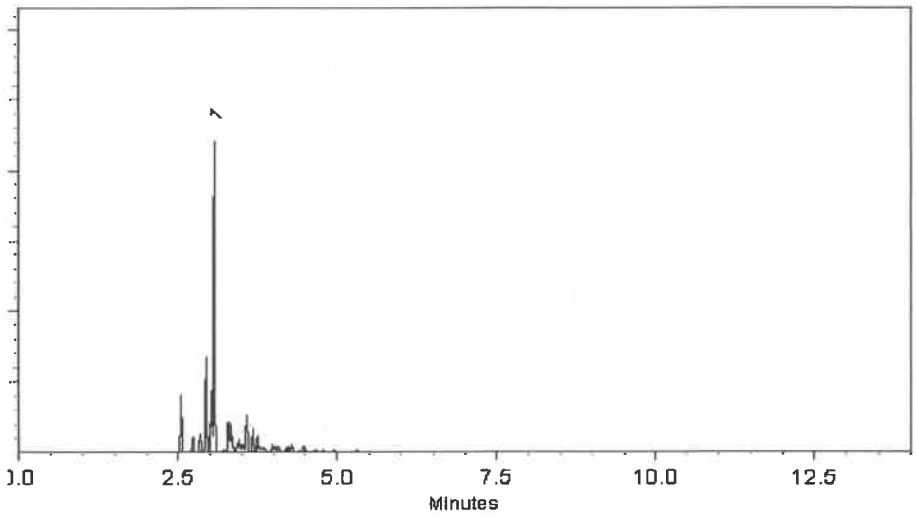
Inj. Temp:
250°C

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 - Operations Tech I

Date Mixed: 16-Aug-2024 **Balance Serial #** 1128360905

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:

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

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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

P13785 ↓ P13789 AJ 11/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

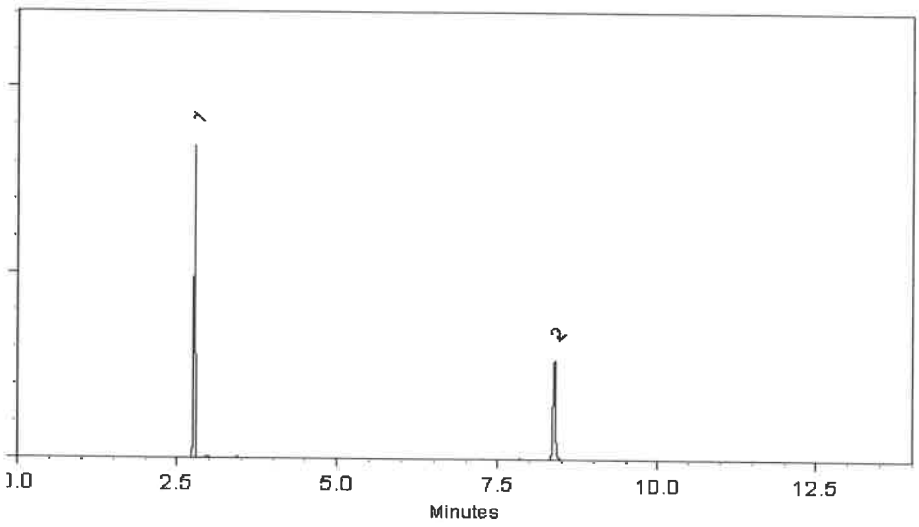
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Aaron Enyart - Operations Tech I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

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

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

P13830 ↓ P13832 AJ 12/09/24

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

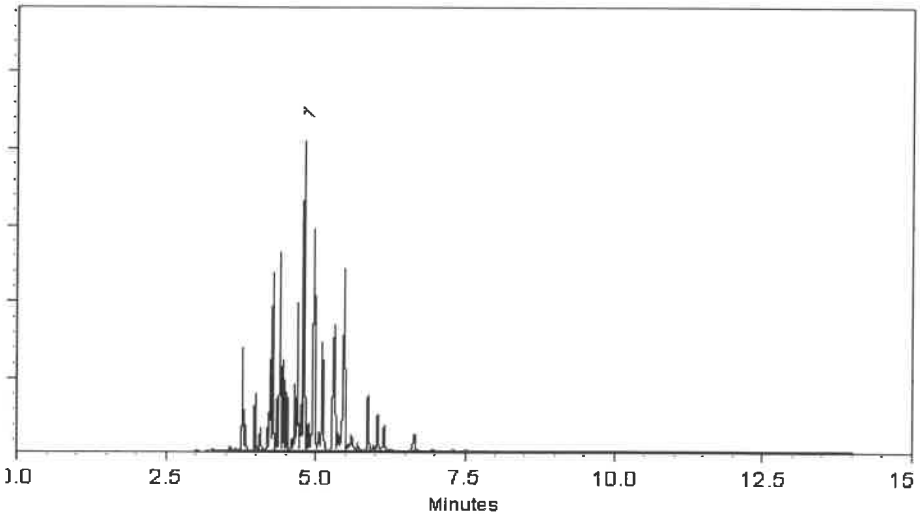
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

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

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

Expiration Date : March 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

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

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

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

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

Carrier Gas:
helium-constant pressure 20 psi.

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

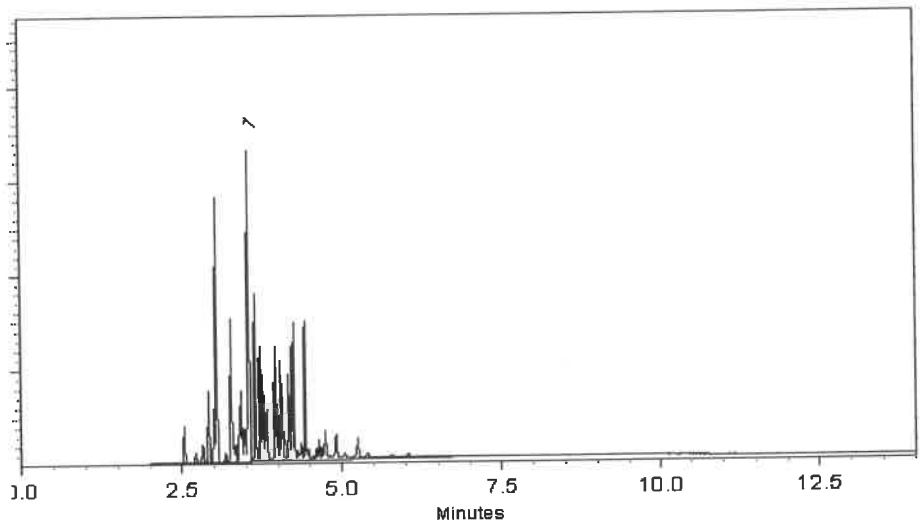
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye - Operations Tech I

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

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** 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%

P13852
↓
P13853

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.)

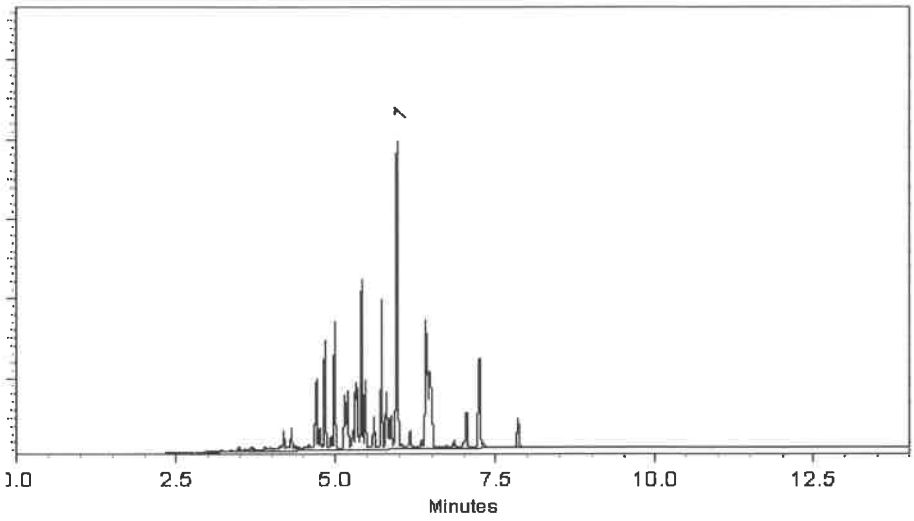
Inj. Temp:
250°C

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

avantor™ | J.T.Baker®

W3147
W3147 update. 02/03/2025 JP

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

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

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

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 78-8922
www.chemtech.net

Chemtech Project Number: Q2645

COC Number:

CLIENT INFORMATION

COMPANY: Tetra Tech
ADDRESS: 4433 Corporation Ln, Suite 300
CITY: Virginia Beach STATE: VA ZIP: 23462
ATTENTION: Ernie Wu
PHONE: 757-466-4901 FAX: 757-461-4148

PROJECT INFORMATION

PROJECT NAME: NWIRP Bethpage
PROJECT #: 112G08005-WE13 LOCATION: Carbon IDW
PROJECT MANAGER: Dave Brayack
E-MAIL: david.brayack@tetratech.com
PHONE: 757-466-4909 FAX: 757-461-4148

BILLING INFORMATION

BILL TO: SEE CONTRACT PO#
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: 5 DAYS*
EDD 5 DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other

ANALYSIS

1	2	3	4	5	6	7	8	9
TCL SVOC (total)	Flash point	TCLP VOC	TCLP Metals (RCRA 8)	PCB	pH			

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	RW5B-Carbon-20250716	Granular Activated Carbon		X	7/16/25	9:15	6	1	1	1	1	1	1				<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	7/17/25/1400	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.	7/18/25 9:55	2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.		3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.1°C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?: yes
Comments: 5 Day TAT - CTO-WE13 RW5B Carbon Sampling

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
CHEMTECH: ☐ Picked Up ☐ Overnight

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT **YELLOW** - CHEMTECH COPY **PINK** - SAMPLER COPY

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

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	T104704488

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.671	3.666	1065.4E6	678.6E6	100.030	99.492
2)	SA Decachlor...	8.702	8.650	709.2E6	145.2E6	99.363	82.863
	Target Compounds						
3)	L1 AR-1016-1	4.759	4.743	360.7E6	224.7E6	1002.967	1009.911
4)	L1 AR-1016-2	4.777	4.761	524.8E6	333.7E6	997.596	990.816
5)	L1 AR-1016-3	4.834	4.937	332.8E6	170.0E6	996.764	978.505
6)	L1 AR-1016-4	4.954	4.980	267.1E6	133.5E6	996.410	973.937
7)	L1 AR-1016-5	5.211	5.191	281.3E6	173.0E6	1001.444	970.770
31)	L7 AR-1260-1	6.249	6.220	515.3E6	274.0E6	991.090	981.321
32)	L7 AR-1260-2	6.438	6.409	755.5E6	339.5E6	994.979	991.780
33)	L7 AR-1260-3	6.805	6.560	672.8E6	271.1E6	982.211	938.011
34)	L7 AR-1260-4	7.065	7.031	428.5E6	190.3E6	967.221	967.353
35)	L7 AR-1260-5	7.308	7.272	1355.3E6	439.4E6	1014.259	981.589

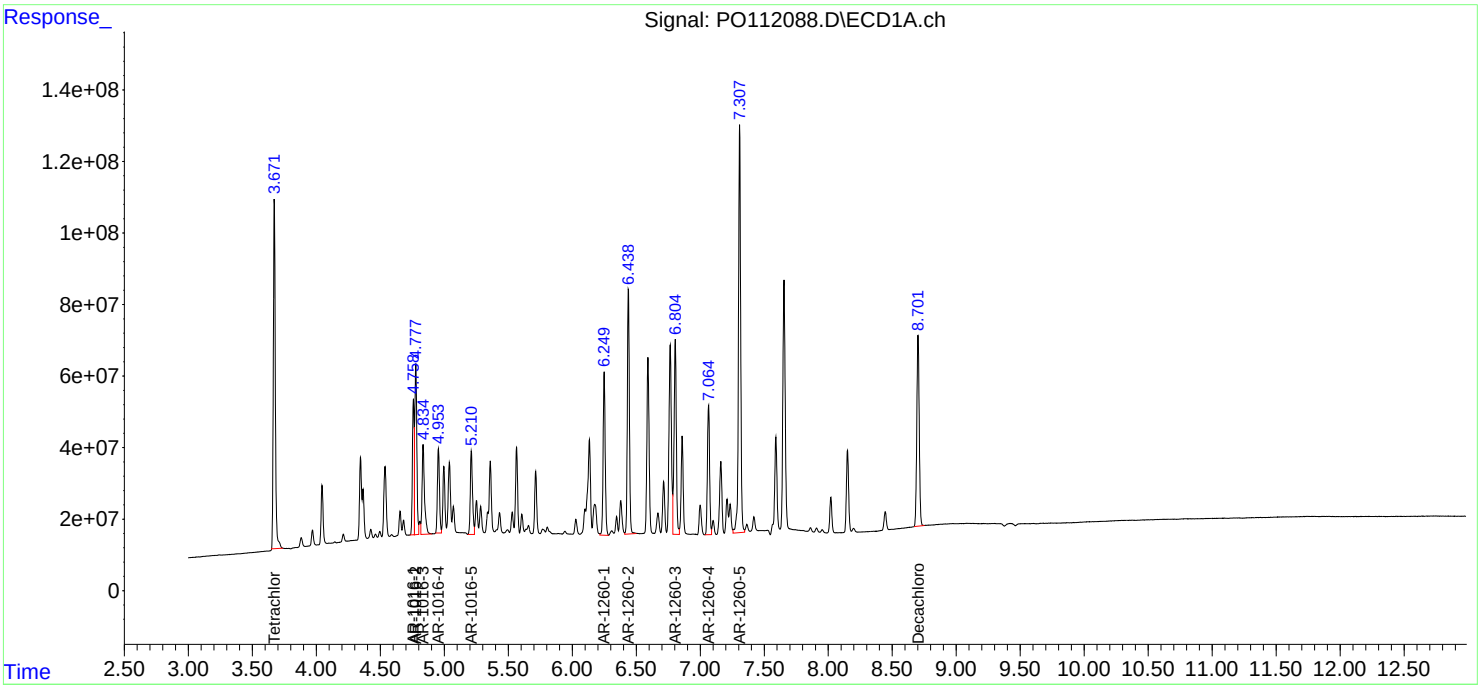
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

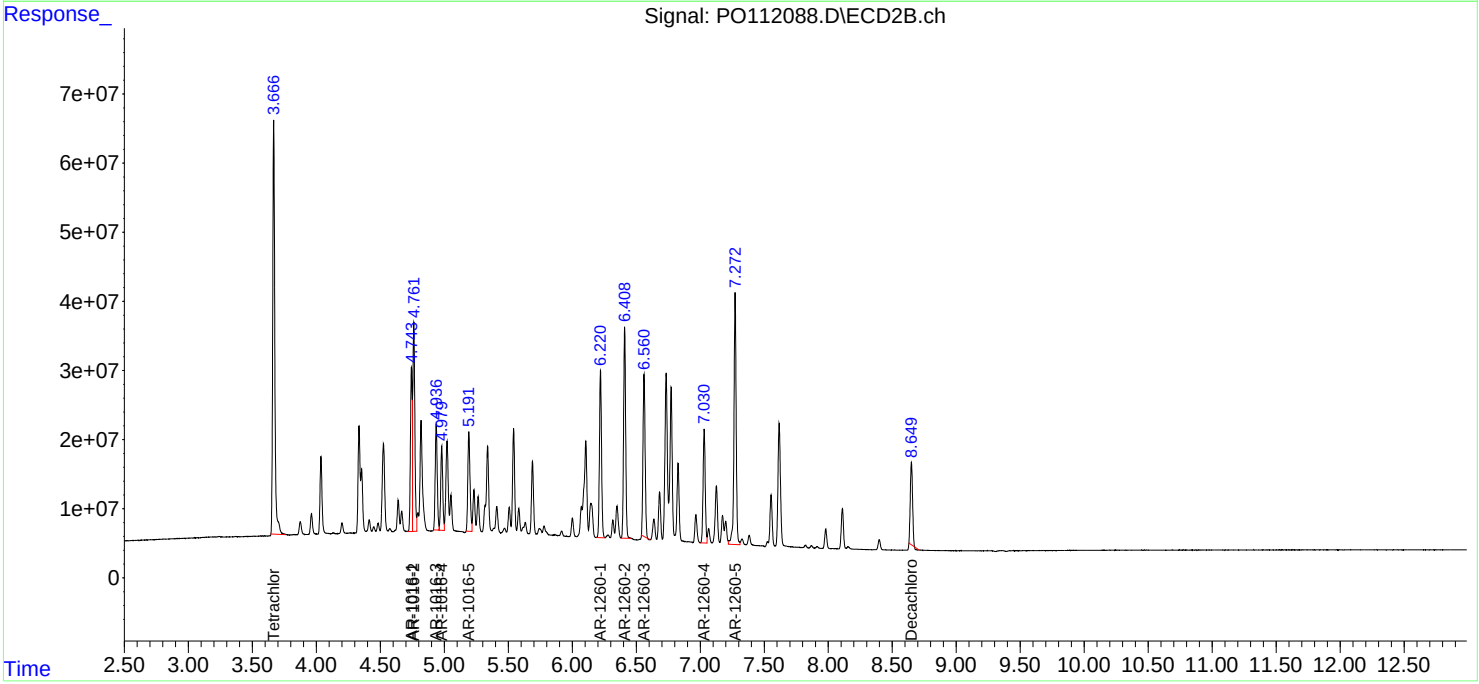
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

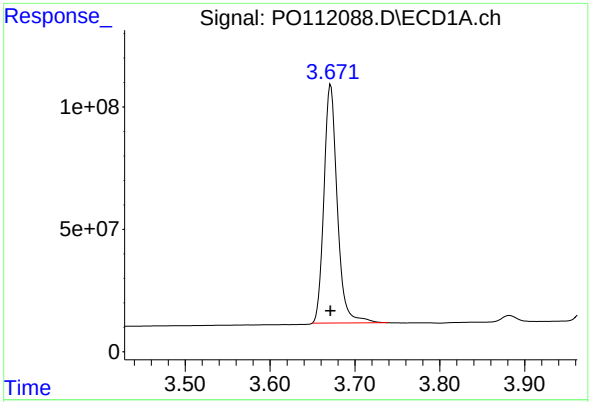
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



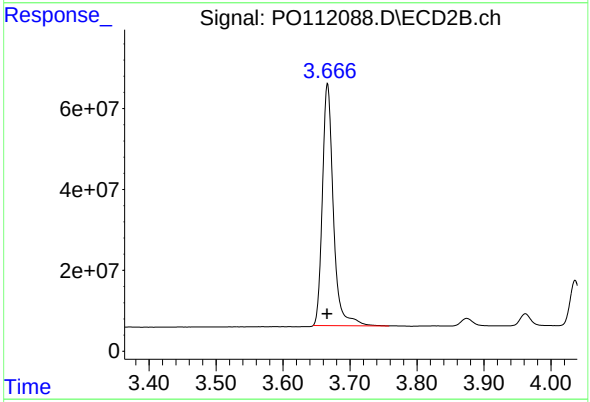




#1 Tetrachloro-m-xylene

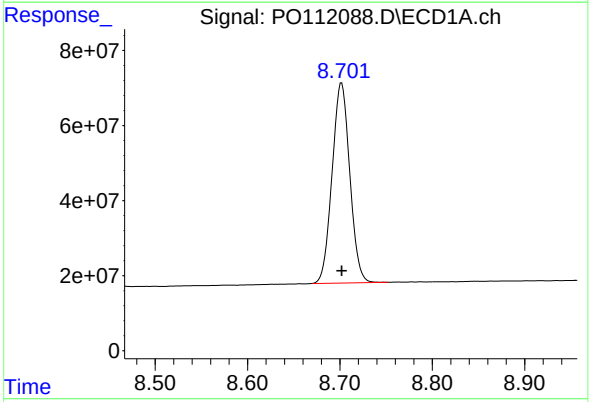
R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 1065391349
Conc: 100.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



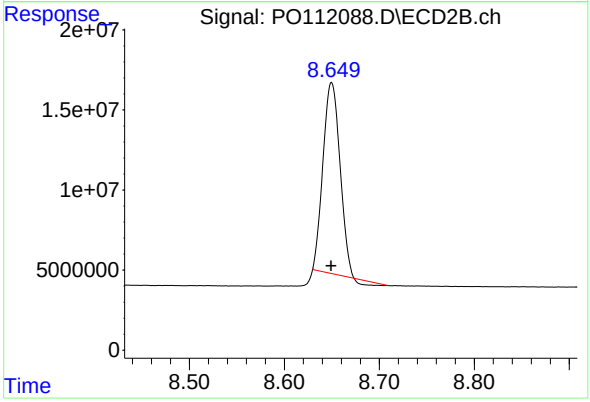
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 678623932
Conc: 99.49 ng/ml



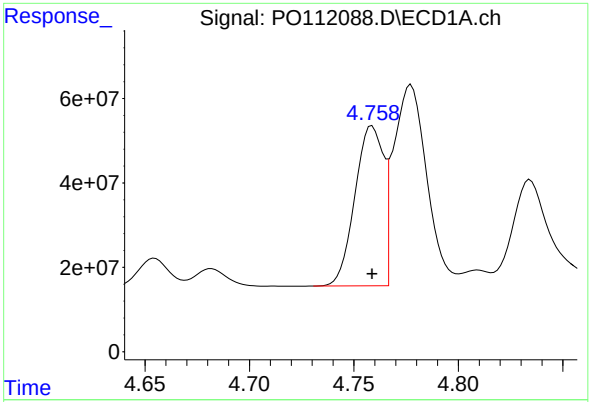
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 709169575
Conc: 99.36 ng/ml



#2 Decachlorobiphenyl

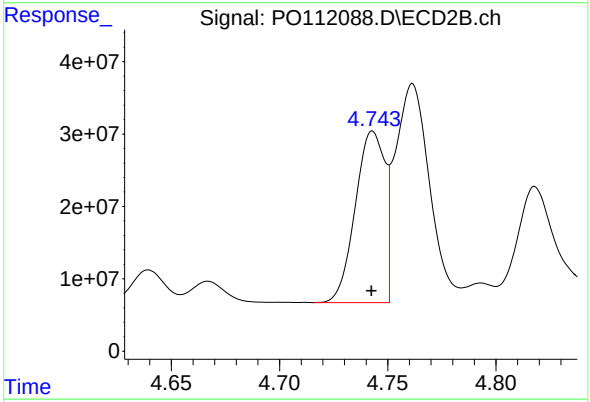
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 145220382
Conc: 82.86 ng/ml



#3 AR-1016-1

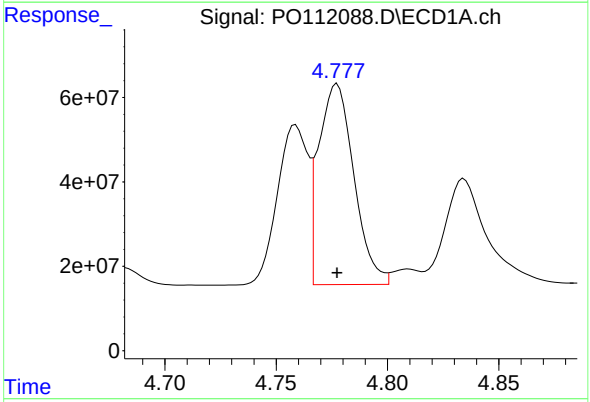
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 360742355
Conc: 1002.97 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



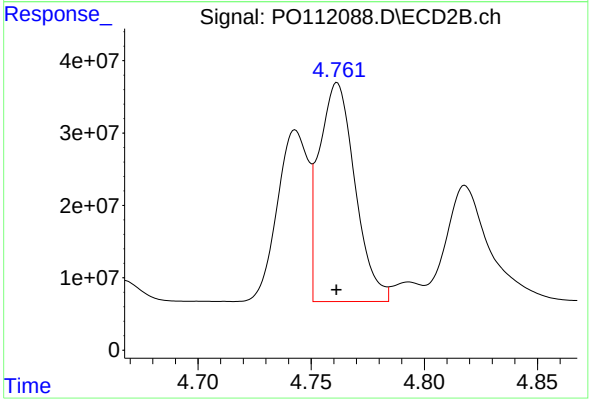
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 224689947
Conc: 1009.91 ng/ml



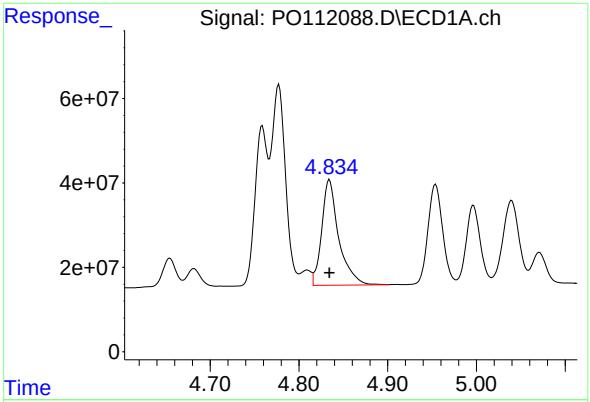
#4 AR-1016-2

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 524757576
Conc: 997.60 ng/ml



#4 AR-1016-2

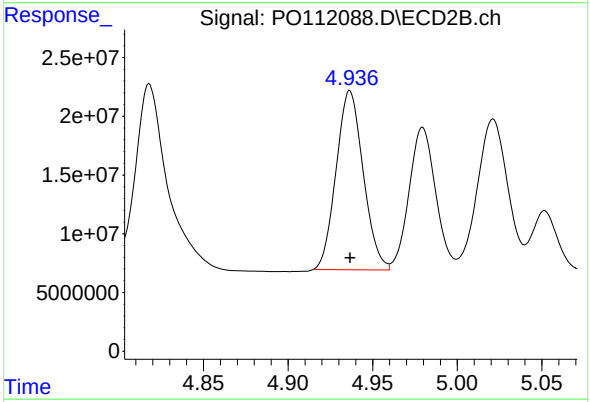
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 333676696
Conc: 990.82 ng/ml



#5 AR-1016-3

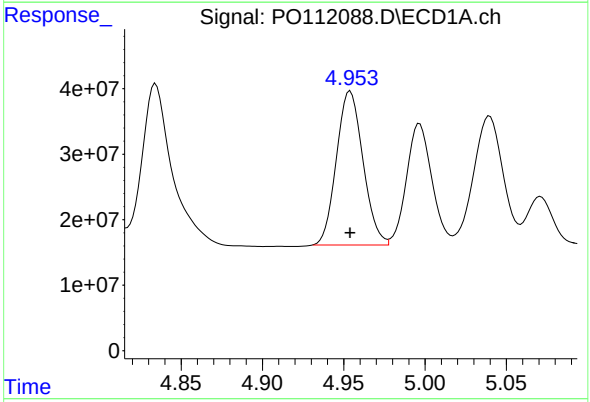
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 332829086
Conc: 996.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



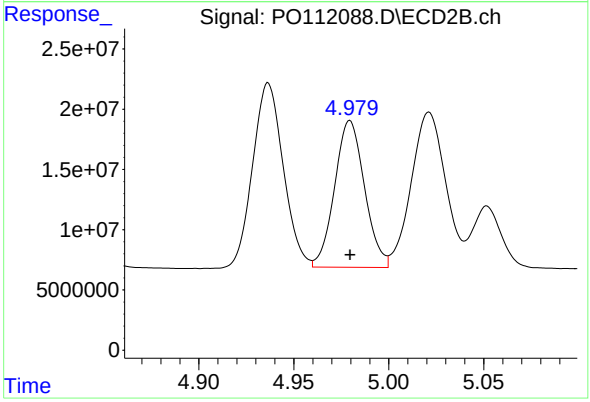
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 170039672
Conc: 978.50 ng/ml



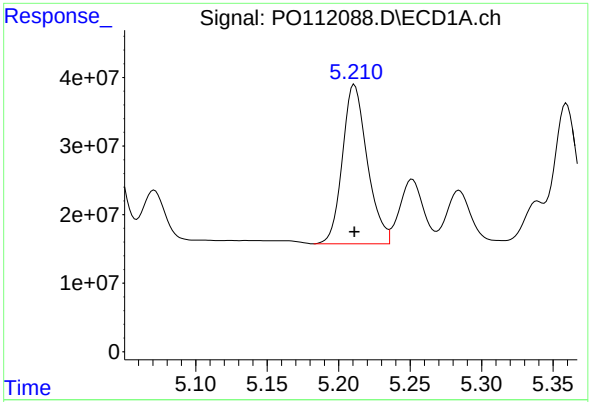
#6 AR-1016-4

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 267114546
Conc: 996.41 ng/ml



#6 AR-1016-4

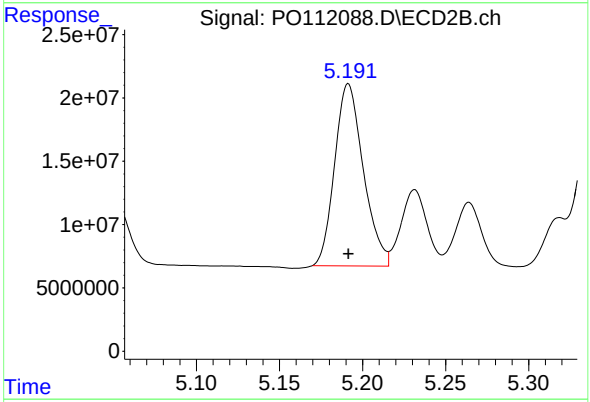
R.T.: 4.980 min
Delta R.T.: 0.000 min
Response: 133548654
Conc: 973.94 ng/ml



#7 AR-1016-5

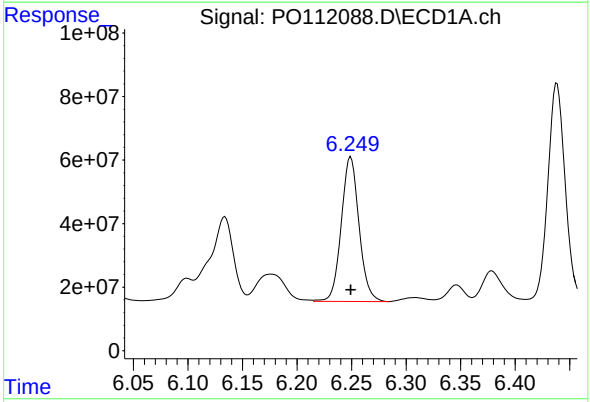
R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 281257689
Conc: 1001.44 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



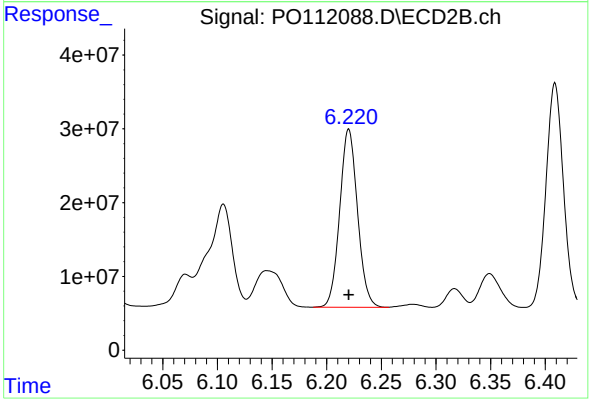
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 172958737
Conc: 970.77 ng/ml



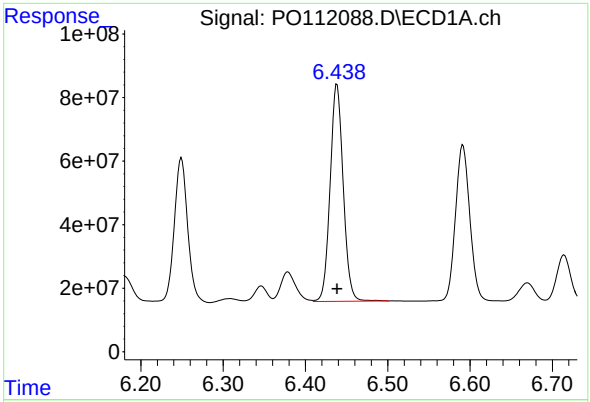
#31 AR-1260-1

R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 515263930
Conc: 991.09 ng/ml



#31 AR-1260-1

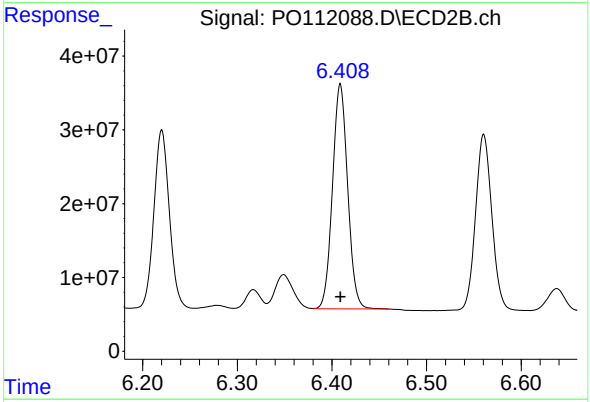
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 273966572
Conc: 981.32 ng/ml



#32 AR-1260-2

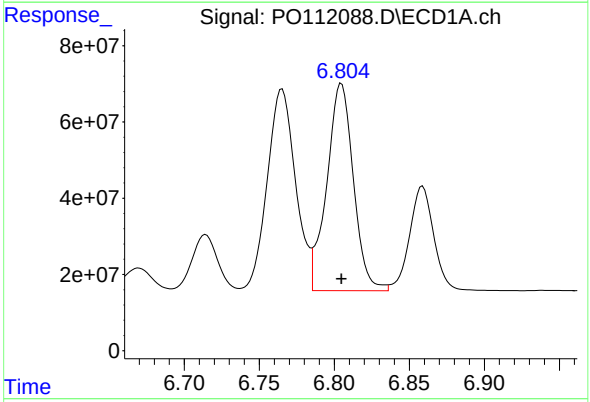
R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 755458656
Conc: 994.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



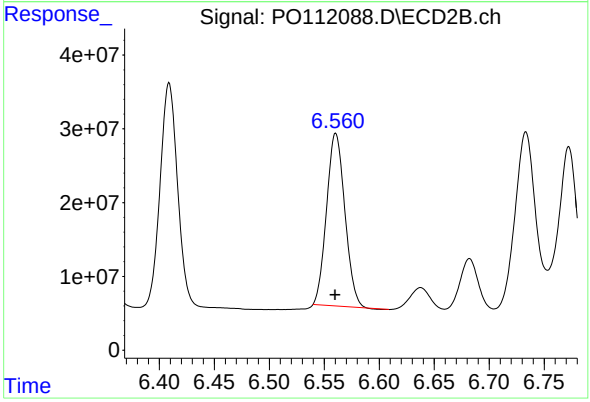
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 339471861
Conc: 991.78 ng/ml



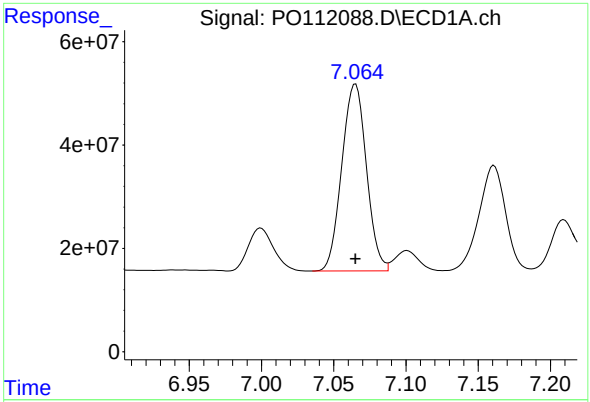
#33 AR-1260-3

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 672764264
Conc: 982.21 ng/ml



#33 AR-1260-3

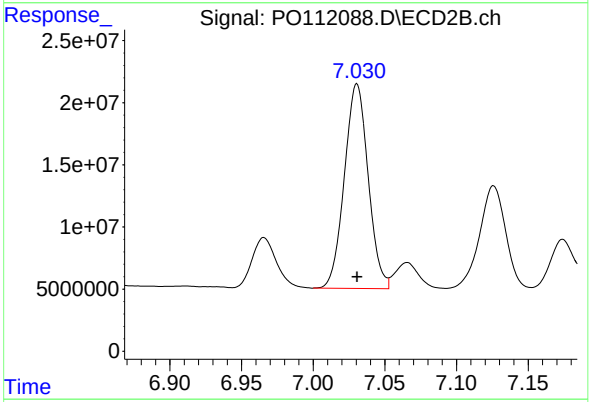
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 271095387
Conc: 938.01 ng/ml



#34 AR-1260-4

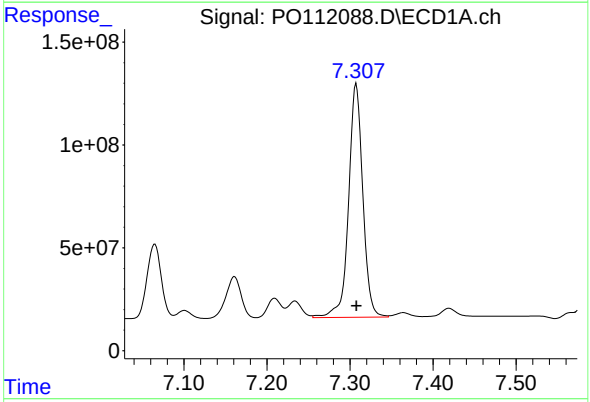
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 428461498
Conc: 967.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000



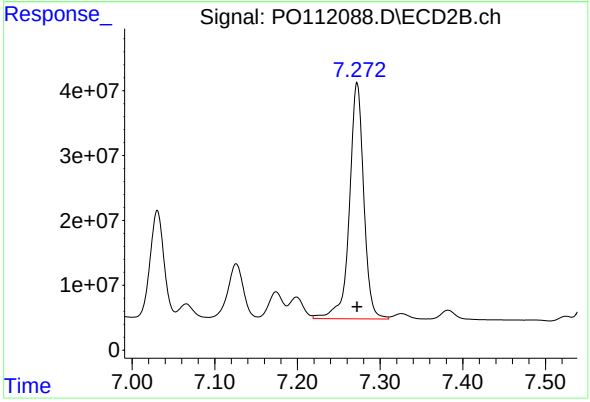
#34 AR-1260-4

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 190320237
Conc: 967.35 ng/ml



#35 AR-1260-5

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 1355306152
Conc: 1014.26 ng/ml



#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 439428363
Conc: 981.59 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	782.4E6	495.9E6	73.811	73.003
2)	SA Decachlor...	8.704	8.650	536.0E6	117.1E6	75.070	66.913
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.743	265.1E6	165.9E6	741.241	736.514
4)	L1 AR-1016-2	4.780	4.762	385.3E6	249.7E6	738.229	743.699
5)	L1 AR-1016-3	4.837	4.937	243.8E6	126.3E6	736.557	729.877
6)	L1 AR-1016-4	4.956	4.979	197.7E6	99974022	741.523	735.926
7)	L1 AR-1016-5	5.213	5.192	204.1E6	129.1E6	734.329	732.695
31)	L7 AR-1260-1	6.252	6.221	385.5E6	206.7E6	744.352	743.536
32)	L7 AR-1260-2	6.441	6.409	563.9E6	254.9E6	745.065	746.483
33)	L7 AR-1260-3	6.808	6.561	509.8E6	203.6E6	746.212	709.489
34)	L7 AR-1260-4	7.067	7.031	332.1E6	145.8E6	749.812	743.946
35)	L7 AR-1260-5	7.309	7.273	1000.2E6	336.4E6	749.018	750.945

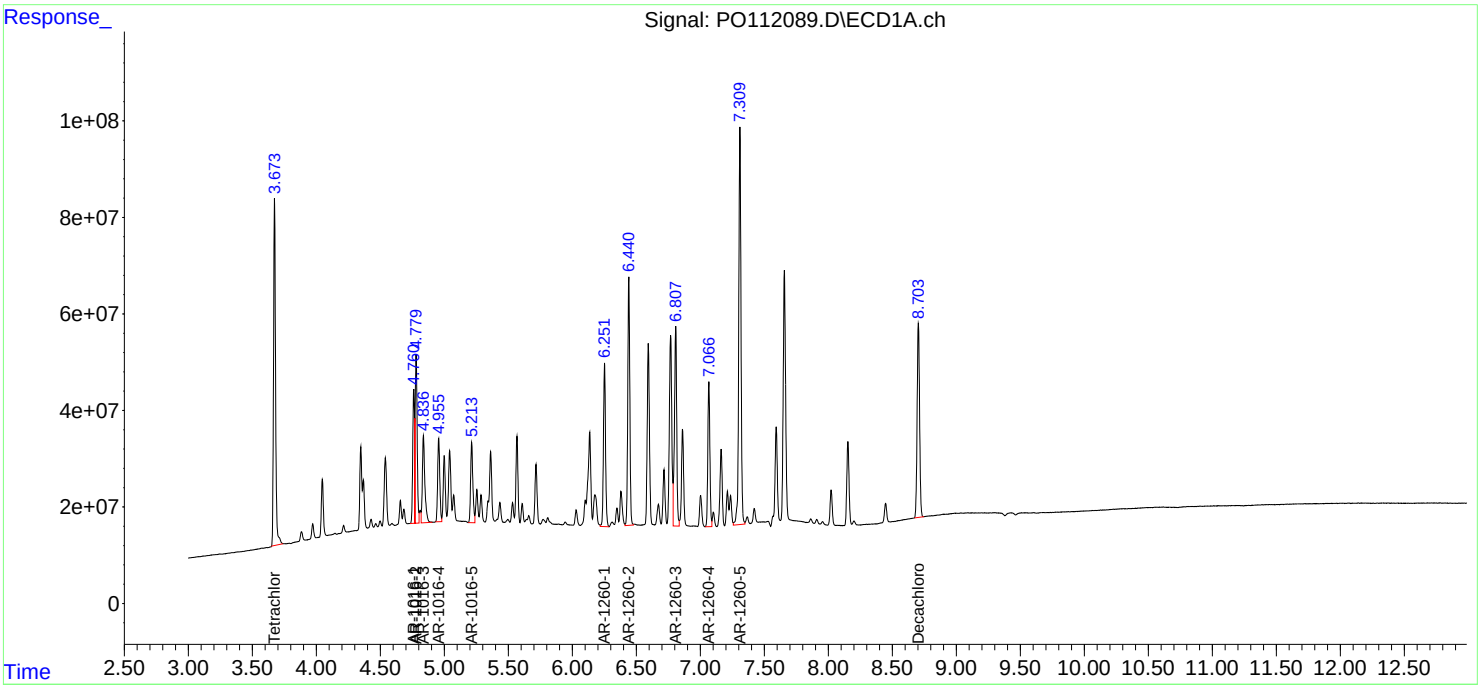
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

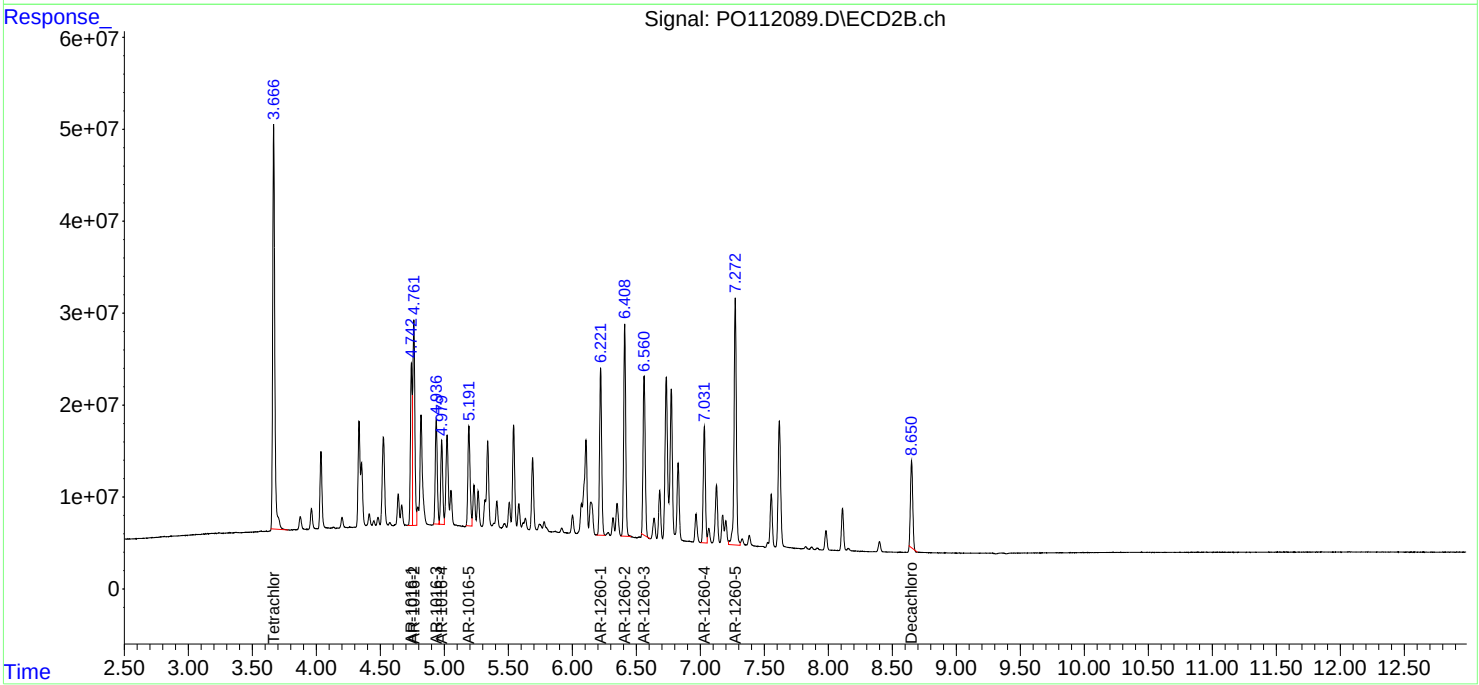
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

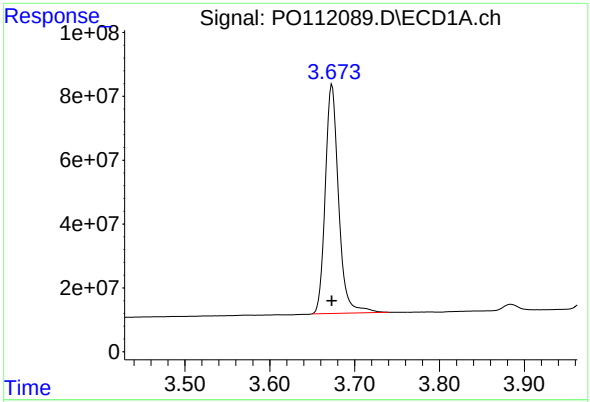
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



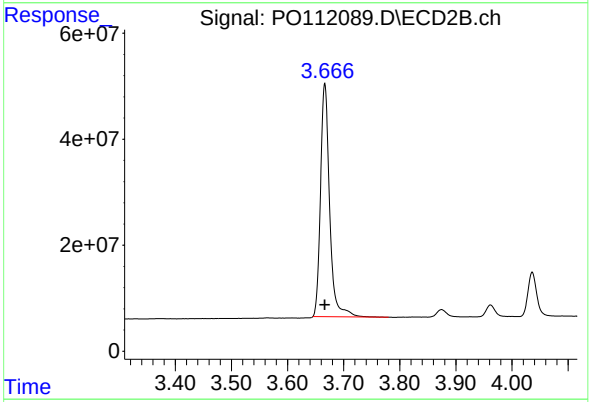




#1 Tetrachloro-m-xylene

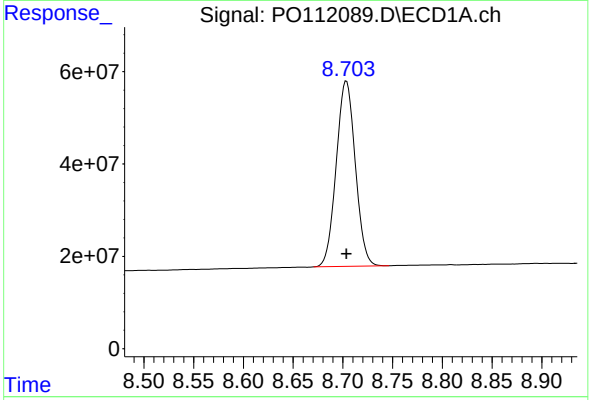
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 782438196
Conc: 73.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



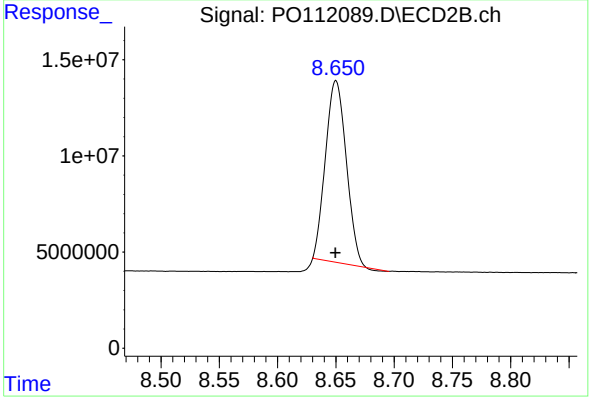
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 495928068
Conc: 73.00 ng/ml



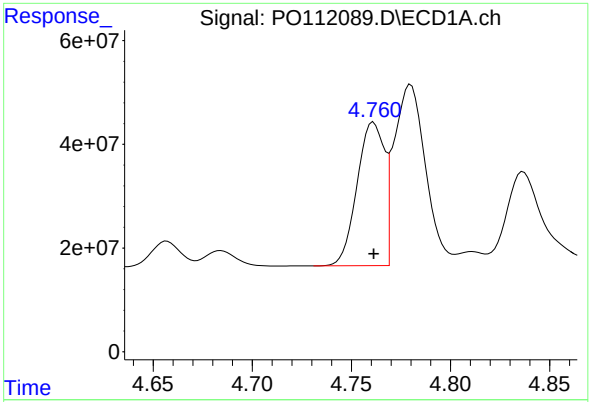
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 536034291
Conc: 75.07 ng/ml



#2 Decachlorobiphenyl

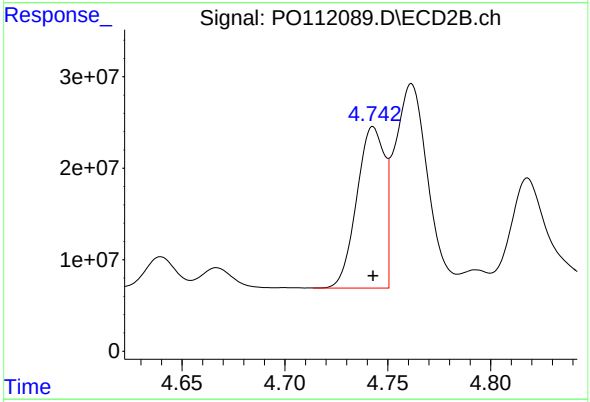
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 117060156
Conc: 66.91 ng/ml



#3 AR-1016-1

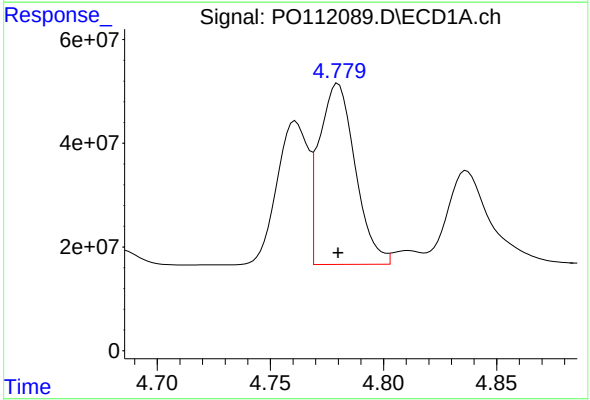
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 265058313
Conc: 741.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



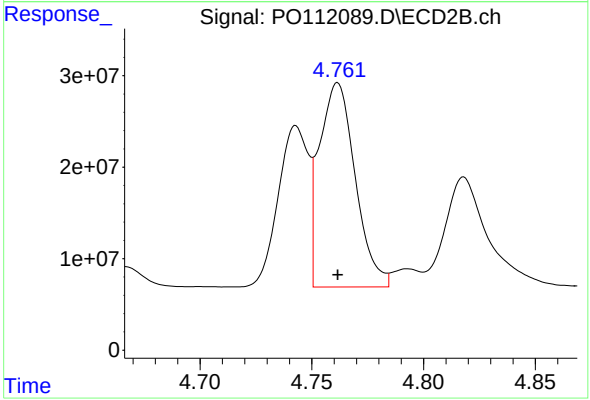
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 165898192
Conc: 736.51 ng/ml



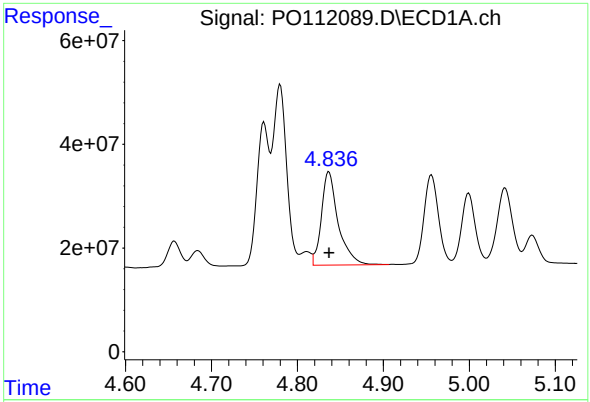
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 385300934
Conc: 738.23 ng/ml



#4 AR-1016-2

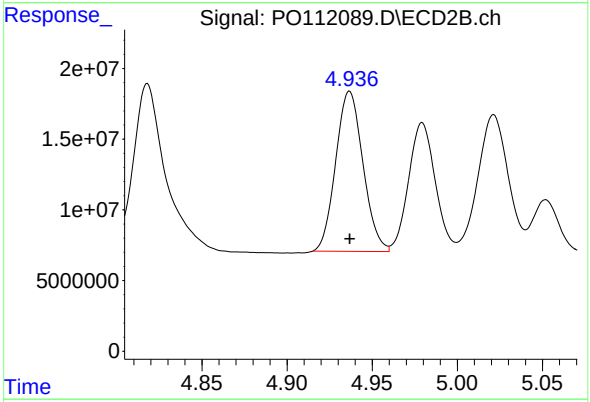
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 249723612
Conc: 743.70 ng/ml



#5 AR-1016-3

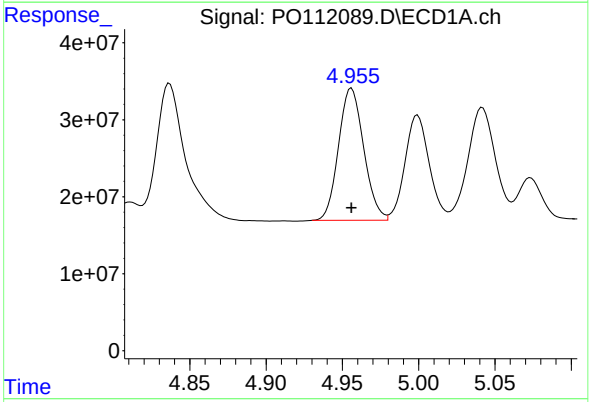
R.T.: 4.837 min
Delta R.T.: 0.000 min
Response: 243759059
Conc: 736.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



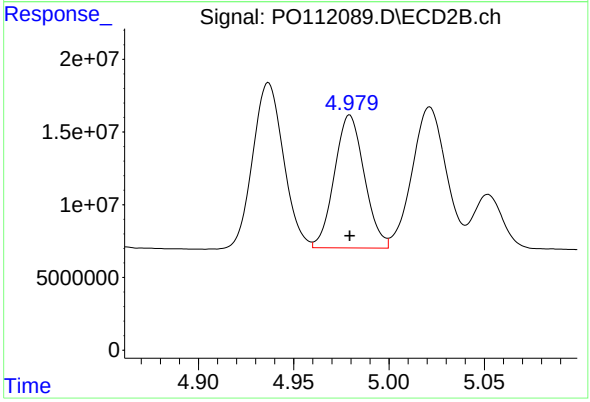
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 126300756
Conc: 729.88 ng/ml



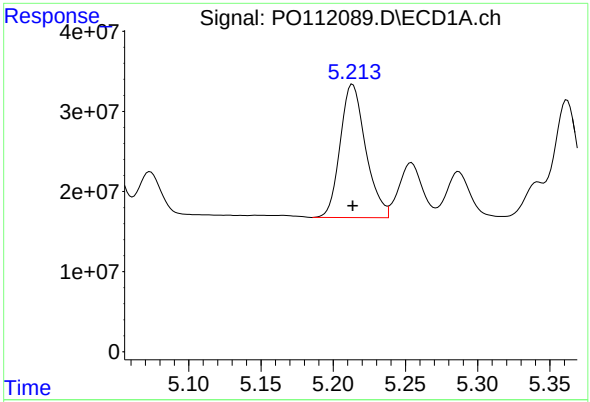
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 197668080
Conc: 741.52 ng/ml



#6 AR-1016-4

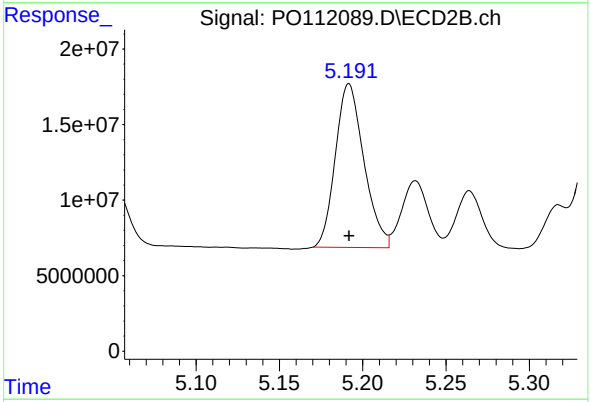
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 99974022
Conc: 735.93 ng/ml



#7 AR-1016-5

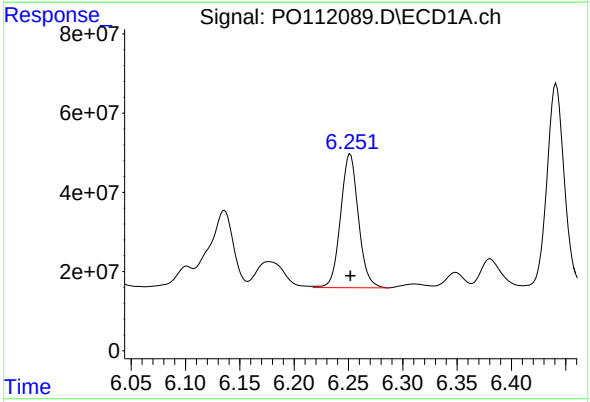
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 204105527
Conc: 734.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



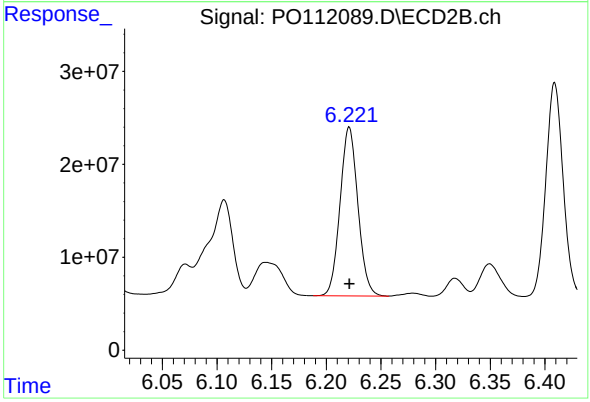
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 129052813
Conc: 732.69 ng/ml



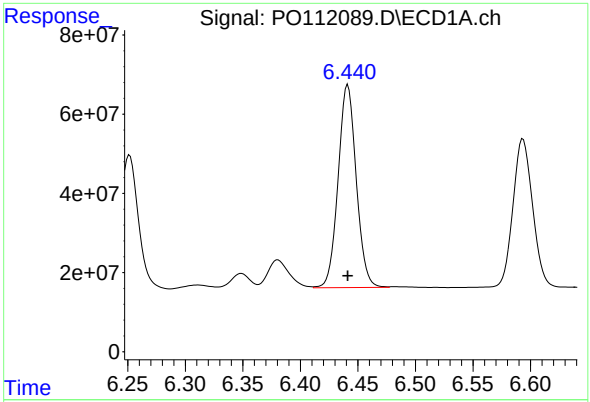
#31 AR-1260-1

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 385533844
Conc: 744.35 ng/ml



#31 AR-1260-1

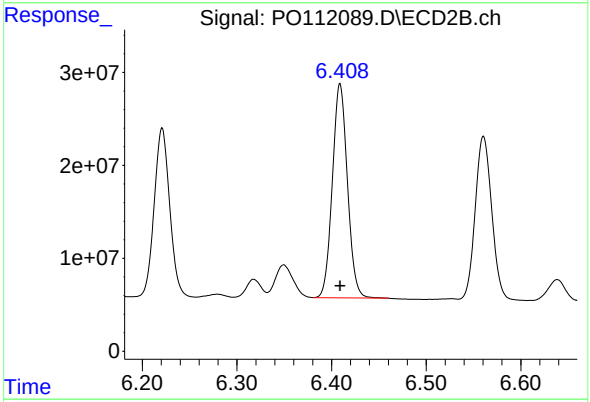
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 206690683
Conc: 743.54 ng/ml



#32 AR-1260-2

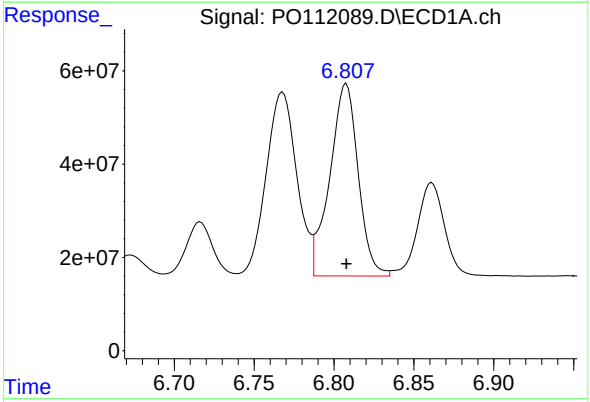
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 563851179
Conc: 745.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



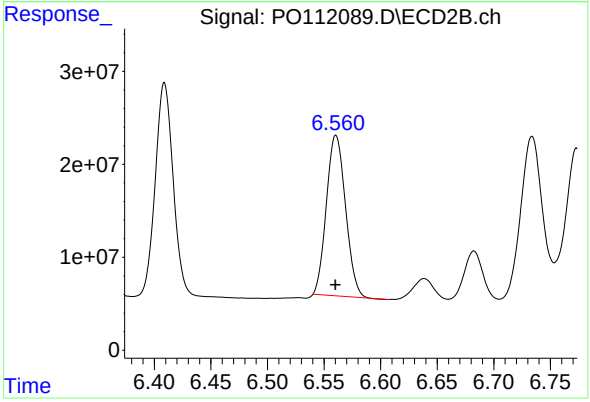
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 254912389
Conc: 746.48 ng/ml



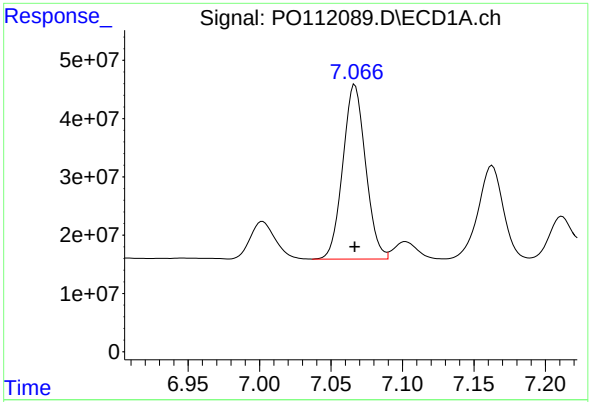
#33 AR-1260-3

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 509828933
Conc: 746.21 ng/ml



#33 AR-1260-3

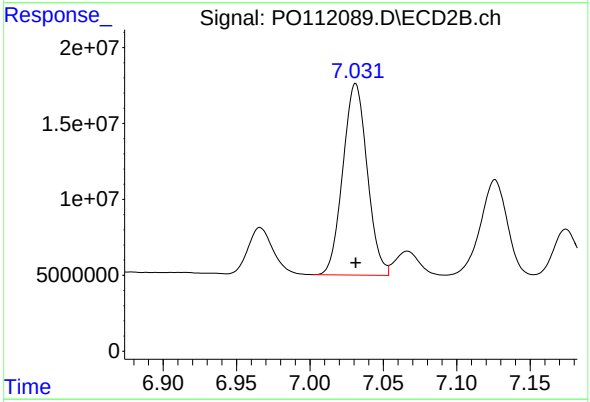
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 203595451
Conc: 709.49 ng/ml



#34 AR-1260-4

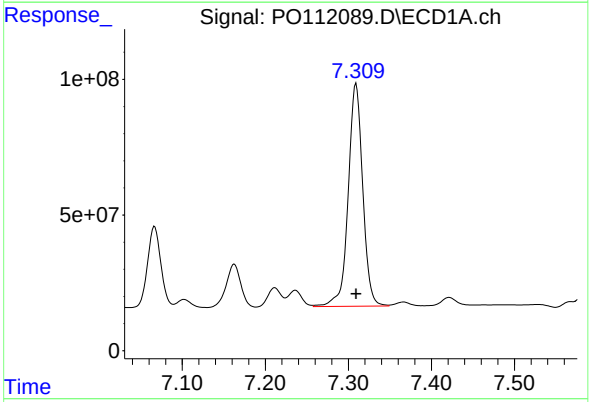
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 332111911
Conc: 749.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750



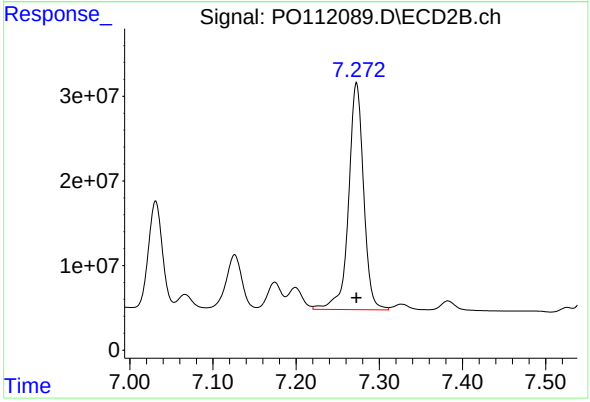
#34 AR-1260-4

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 145778050
Conc: 743.95 ng/ml



#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 1000222126
Conc: 749.02 ng/ml



#35 AR-1260-5

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 336387510
Conc: 750.94 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.667	254.6E6	165.8E6	24.239	24.516
2)	SA Decachlor...	8.704	8.650	182.1E6	41869017	25.379	23.534
	Target Compounds						
3)	L1 AR-1016-1	4.762	4.743	87952907	58858758	246.959	258.385
4)	L1 AR-1016-2	4.780	4.762	131.2E6	86217779	251.058	255.039
5)	L1 AR-1016-3	4.838	4.937	85456999	43830930	256.116	251.057
6)	L1 AR-1016-4	4.957	4.979	66370456	35386243	249.234	257.115
7)	L1 AR-1016-5	5.214	5.192	71497345	44870816	255.385	251.028
31)	L7 AR-1260-1	6.252	6.221	161.0E6	79739924	310.782	276.656
32)	L7 AR-1260-2	6.442	6.409	220.9E6	91585006	293.482	263.404
33)	L7 AR-1260-3	6.807	6.561	178.6E6	71570152	263.201	247.541
34)	L7 AR-1260-4	7.067	7.031	134.0E6	54771859	297.846	271.502
35)	L7 AR-1260-5	7.310	7.272	335.4E6	120.8E6	250.863	264.490

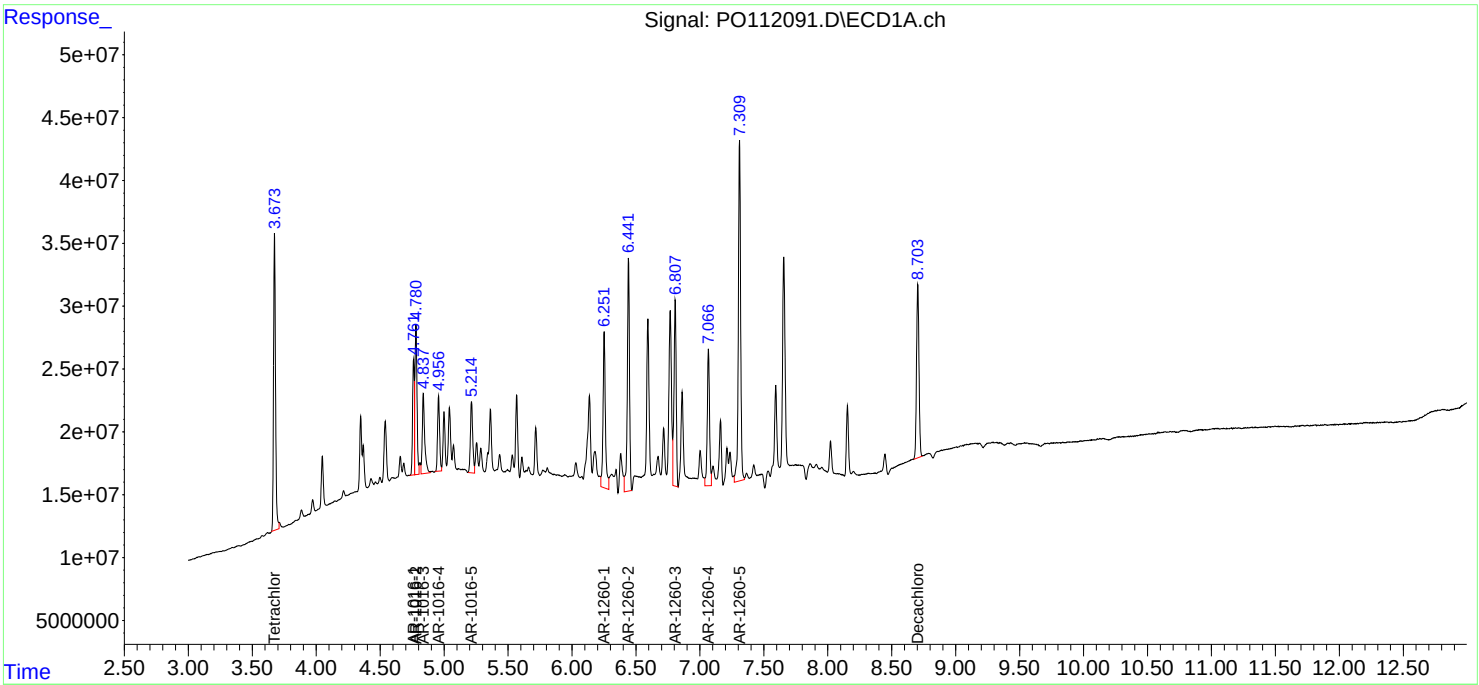
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

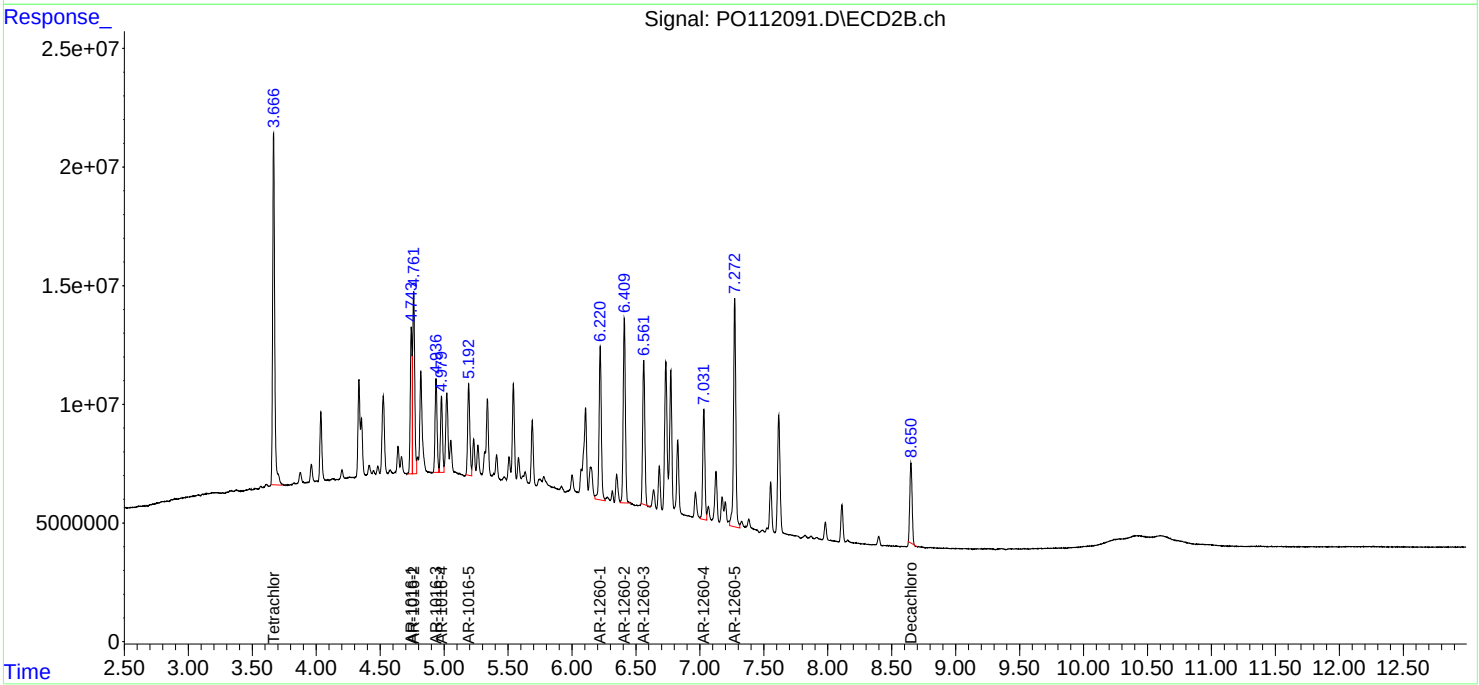
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

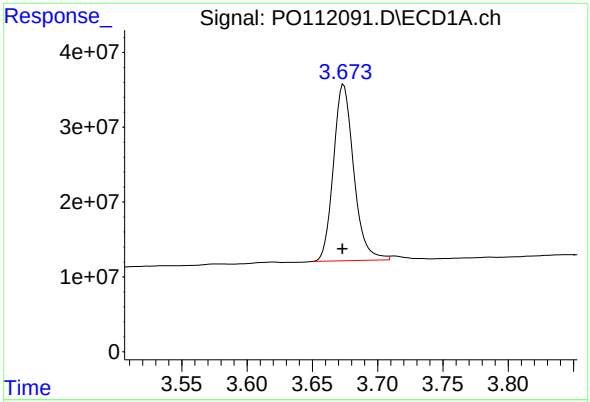
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



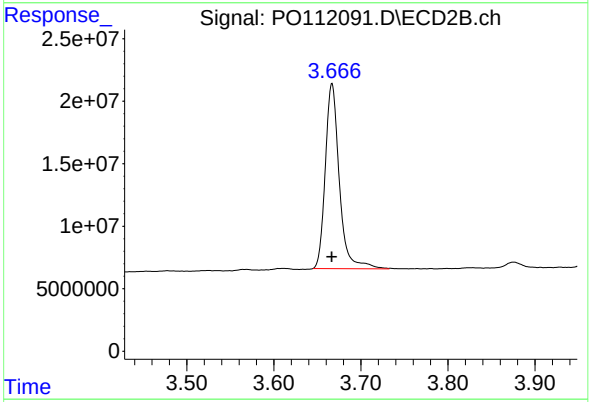




#1 Tetrachloro-m-xylene

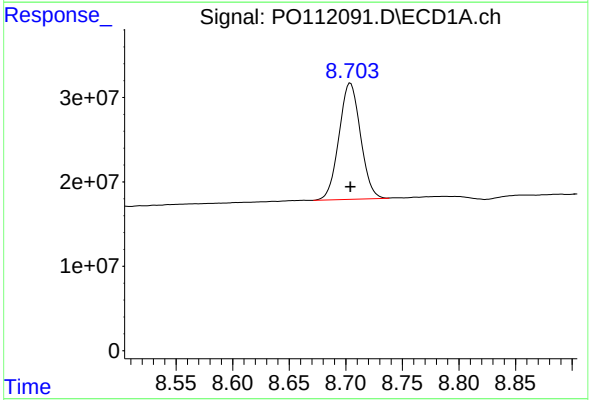
R.T.: 3.674 min
Delta R.T.: 0.000 min
Response: 254587950
Conc: 24.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



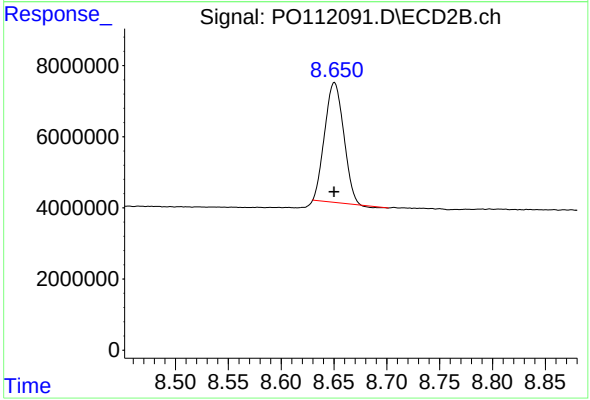
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 165806941
Conc: 24.52 ng/ml



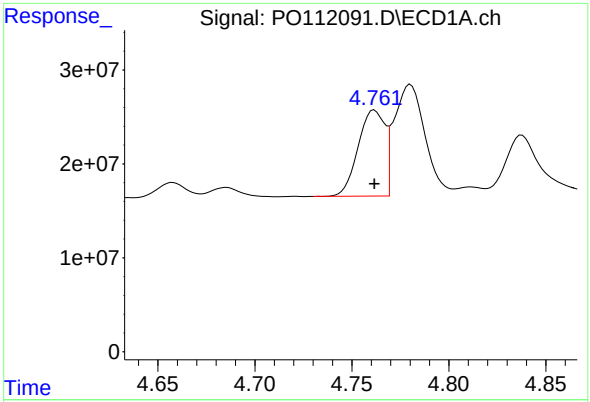
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 182135512
Conc: 25.38 ng/ml



#2 Decachlorobiphenyl

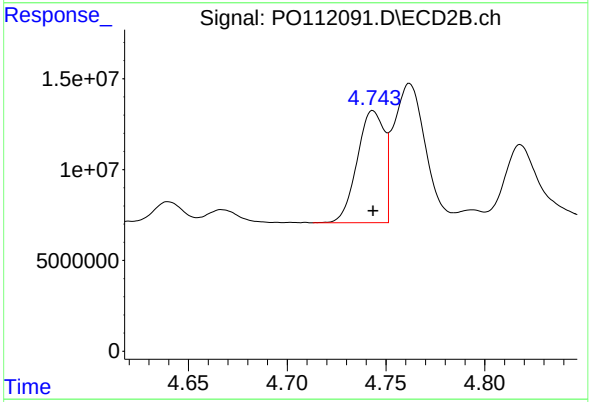
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 41869017
Conc: 23.53 ng/ml



#3 AR-1016-1

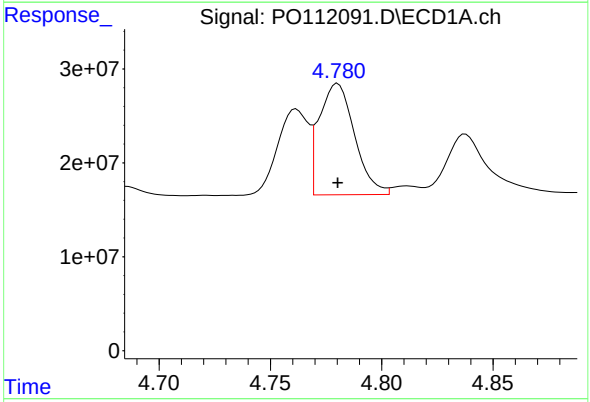
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 87952907
Conc: 246.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



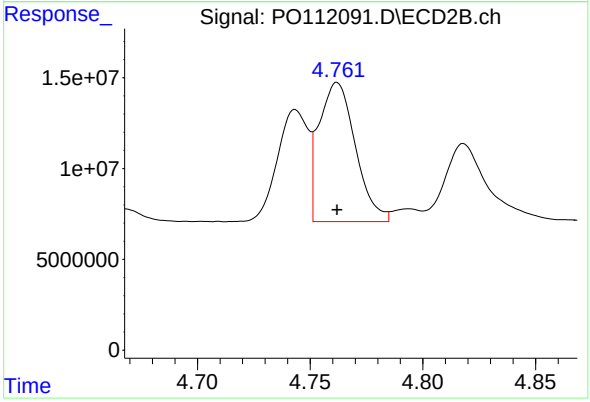
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 58858758
Conc: 258.39 ng/ml



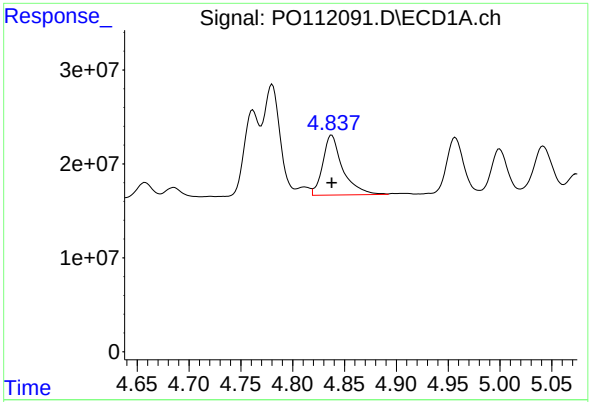
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 131218582
Conc: 251.06 ng/ml



#4 AR-1016-2

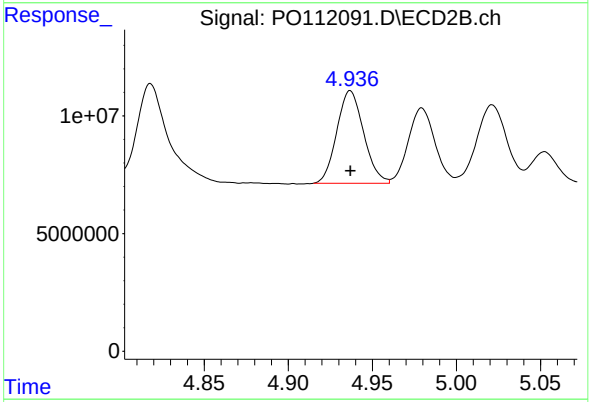
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 86217779
Conc: 255.04 ng/ml



#5 AR-1016-3

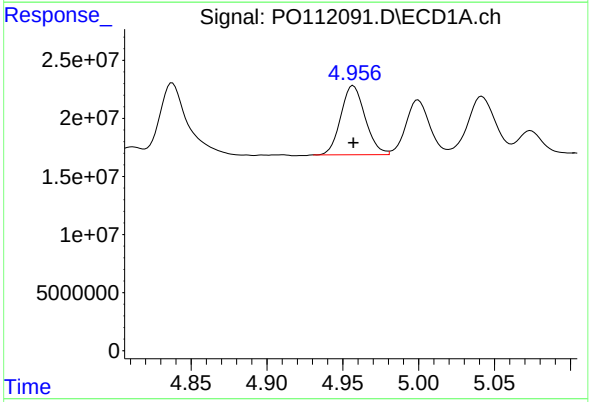
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 85456999
Conc: 256.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



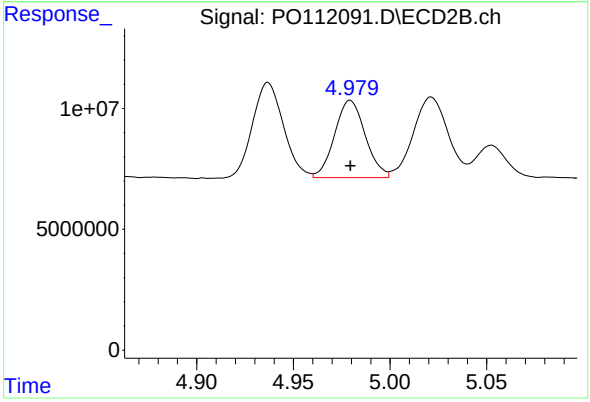
#5 AR-1016-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 43830930
Conc: 251.06 ng/ml



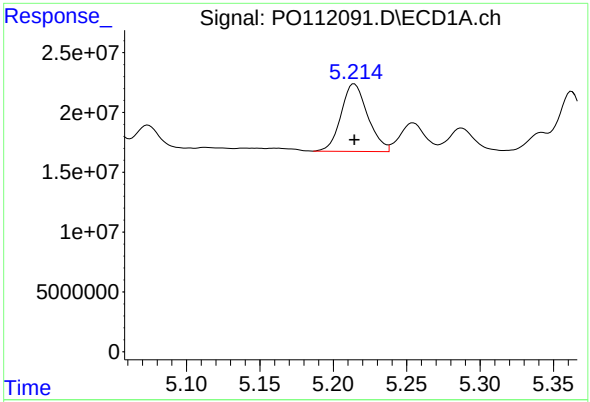
#6 AR-1016-4

R.T.: 4.957 min
Delta R.T.: 0.000 min
Response: 66370456
Conc: 249.23 ng/ml



#6 AR-1016-4

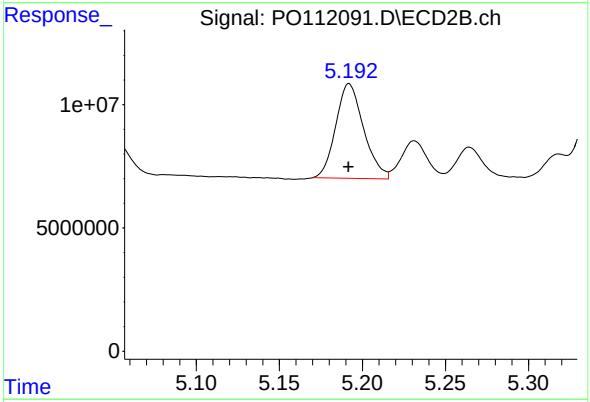
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 35386243
Conc: 257.11 ng/ml



#7 AR-1016-5

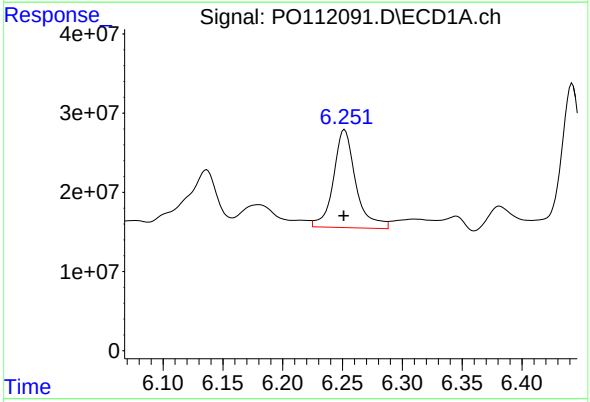
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 71497345
Conc: 255.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



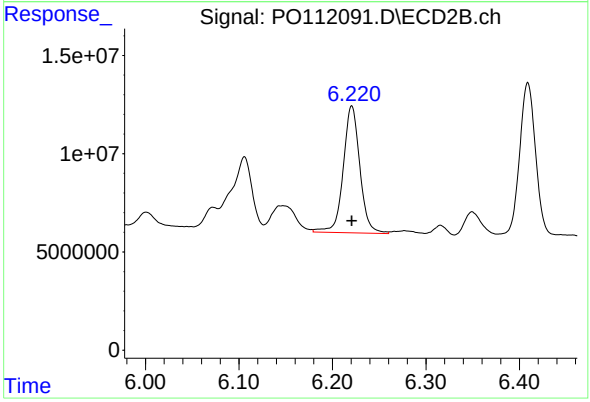
#7 AR-1016-5

R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 44870816
Conc: 251.03 ng/ml



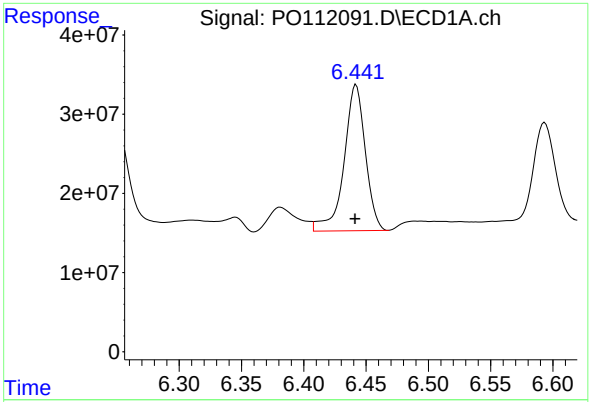
#31 AR-1260-1

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 160998170
Conc: 310.78 ng/ml



#31 AR-1260-1

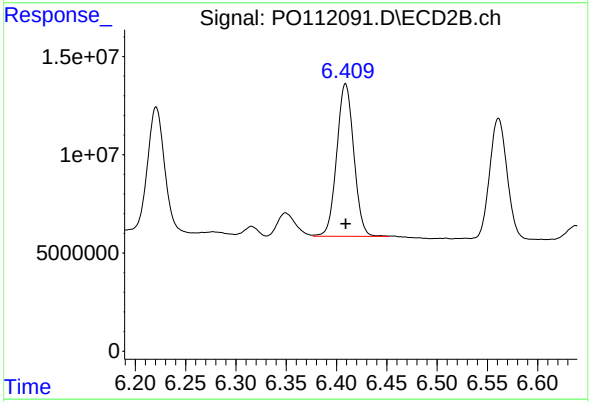
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 79739924
Conc: 276.66 ng/ml



#32 AR-1260-2

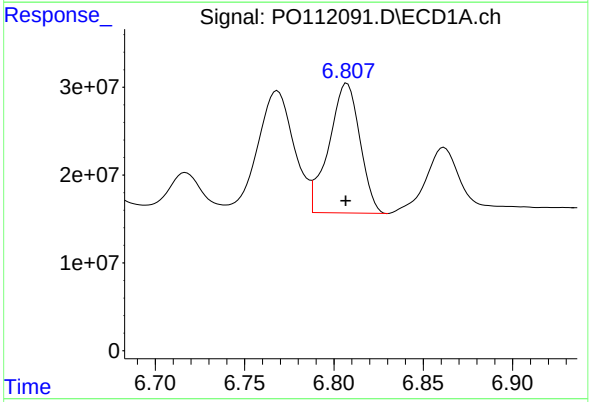
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 220921013
Conc: 293.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



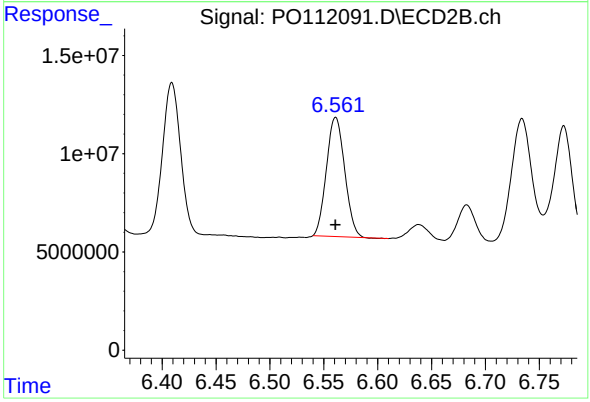
#32 AR-1260-2

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 91585006
Conc: 263.40 ng/ml



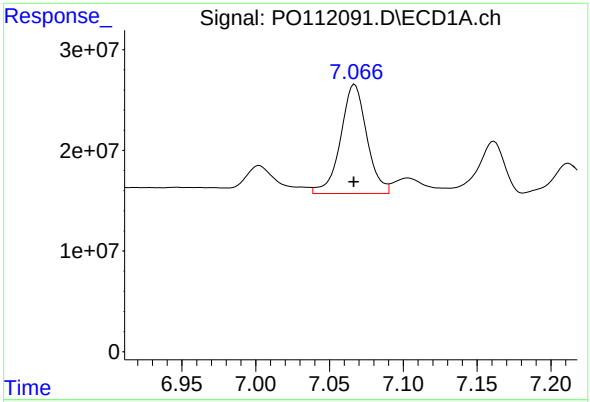
#33 AR-1260-3

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 178596185
Conc: 263.20 ng/ml



#33 AR-1260-3

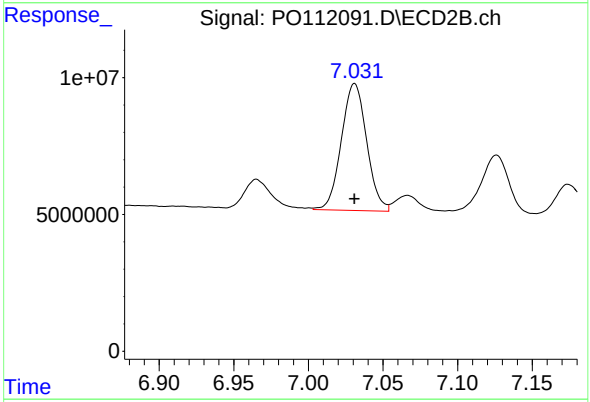
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 71570152
Conc: 247.54 ng/ml



#34 AR-1260-4

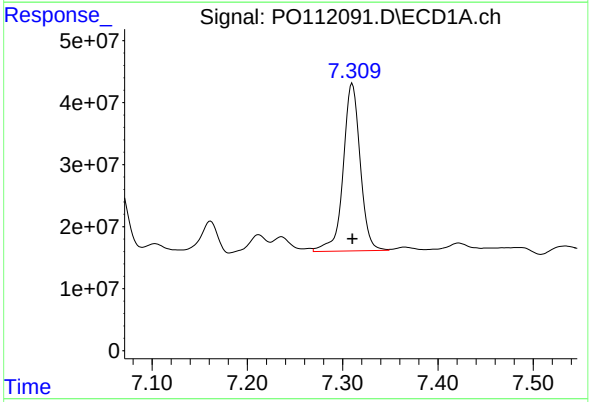
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 133993035
Conc: 297.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250



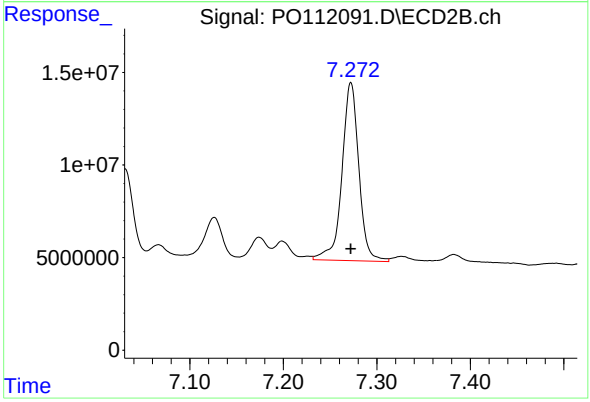
#34 AR-1260-4

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 54771859
Conc: 271.50 ng/ml



#35 AR-1260-5

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 335383544
Conc: 250.86 ng/ml



#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 120812819
Conc: 264.49 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	37442397	24163066	3.784	3.793
2)	SA Decachlor...	8.703	8.650	27391770	6408552	4.006	3.715
	Target Compounds						
3)	L1 AR-1016-1	4.761	4.743	13802015	10149679	40.580	45.548
4)	L1 AR-1016-2	4.780	4.761	19790298	14662938	39.796	44.555
5)	L1 AR-1016-3	4.836	4.936	14195524	7549659	43.852	44.445
6)	L1 AR-1016-4	4.956	4.979	10940244	6781238	42.602	49.416
7)	L1 AR-1016-5	5.212	5.191	14240179	7528374	51.694	43.655
31)	L7 AR-1260-1	6.251	6.220	59957659	21359833	120.174	76.207 #
32)	L7 AR-1260-2	6.441	6.408	51044679	20093020	69.700	58.992
33)	L7 AR-1260-3	6.806	6.559	29007819	11088040	44.254	40.234
34)	L7 AR-1260-4	7.066	7.030	19317003	9814007	44.382	48.912
35)	L7 AR-1260-5	7.309	7.272	50382935	20576692	39.906	45.958

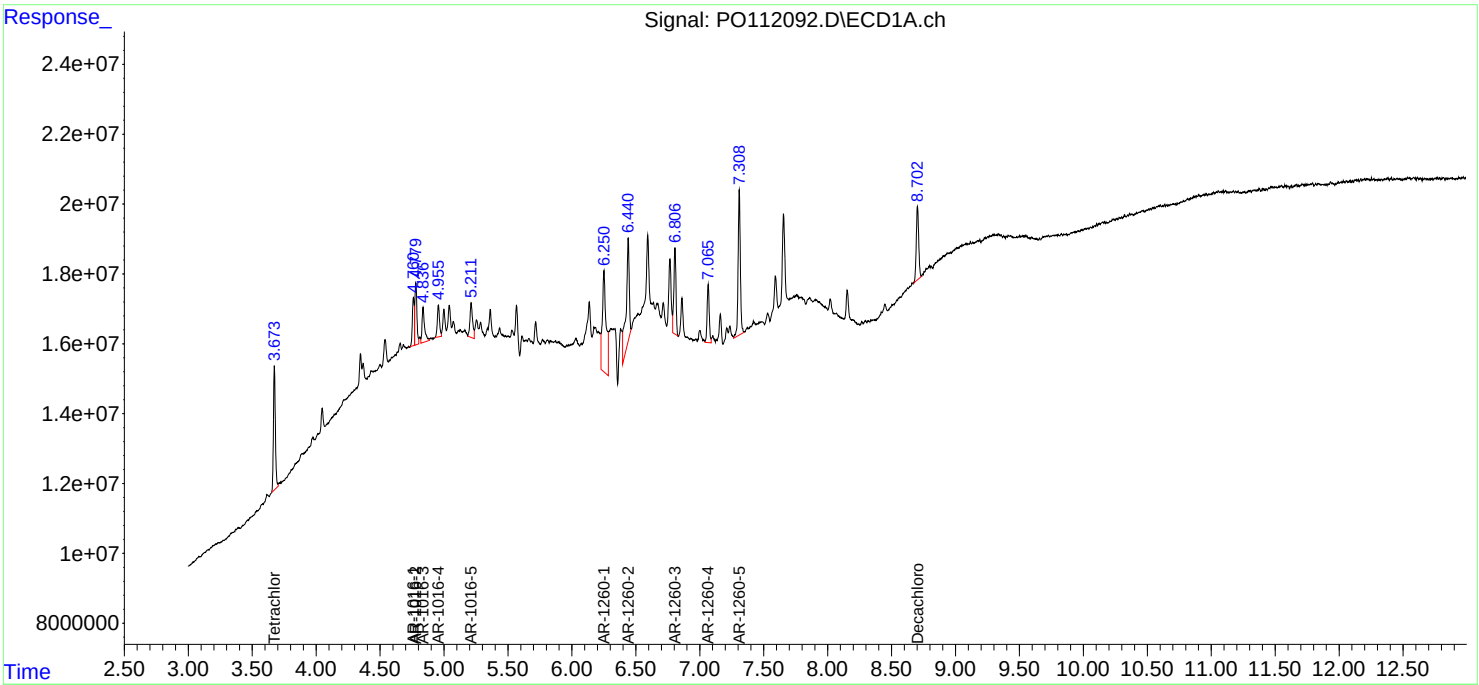
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

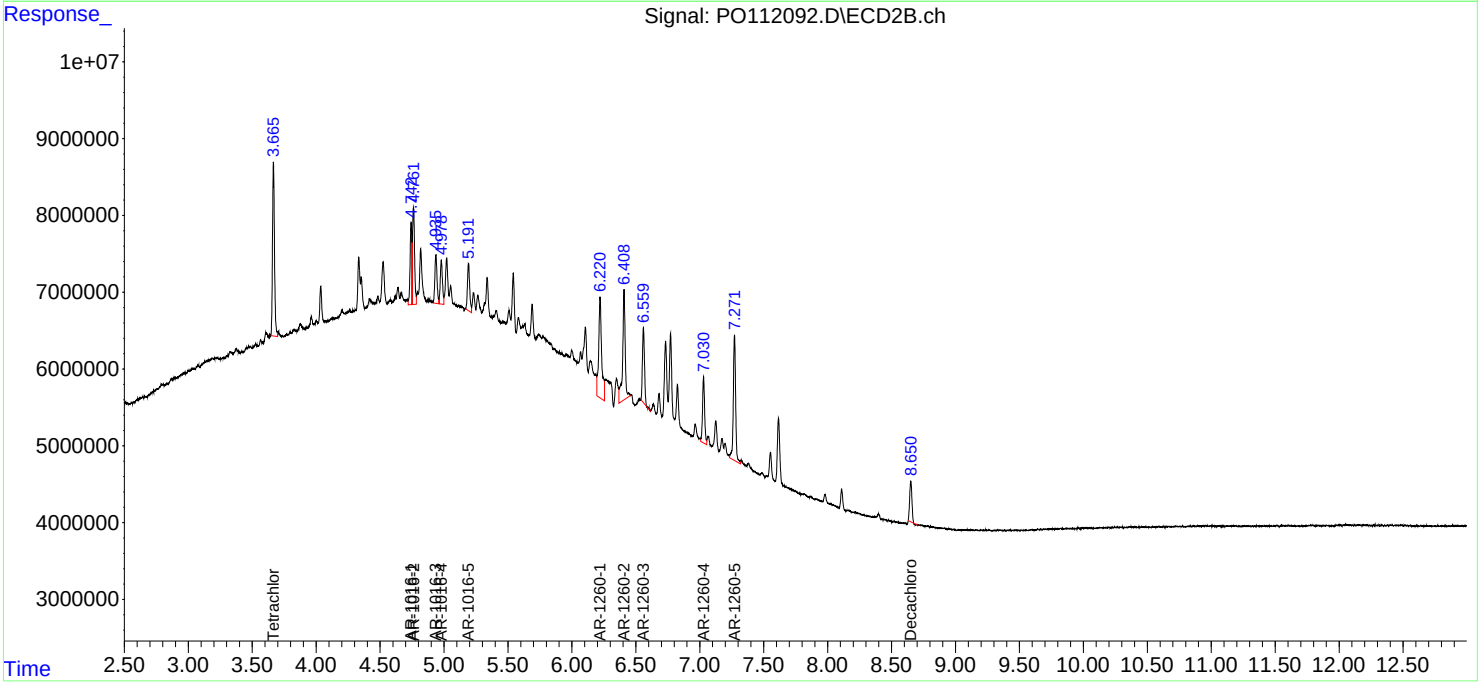
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

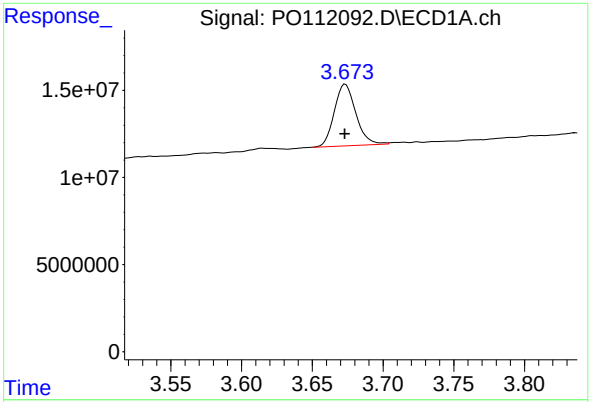
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 2025
Response via : Initial Calibration
Integrator: ChemStation

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



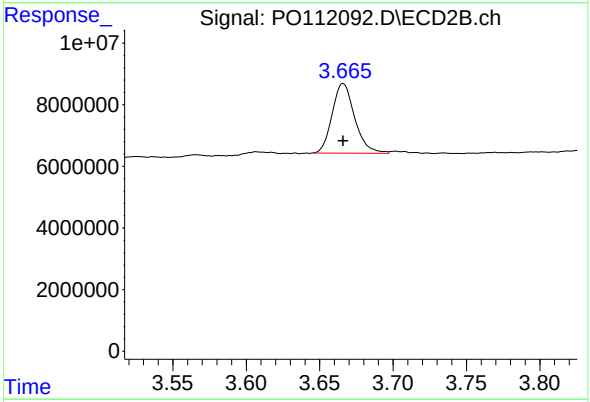




#1 Tetrachloro-m-xylene

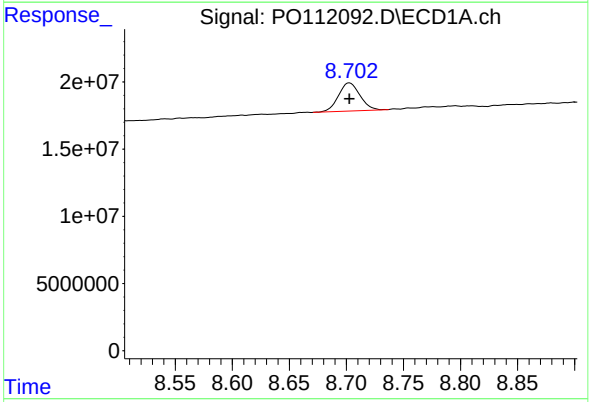
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 37442397
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



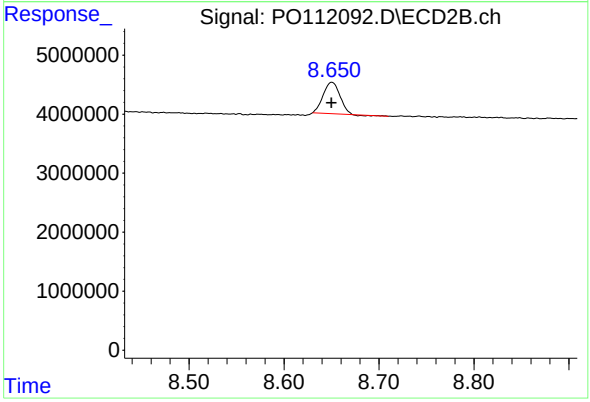
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 24163066
Conc: 3.79 ng/ml



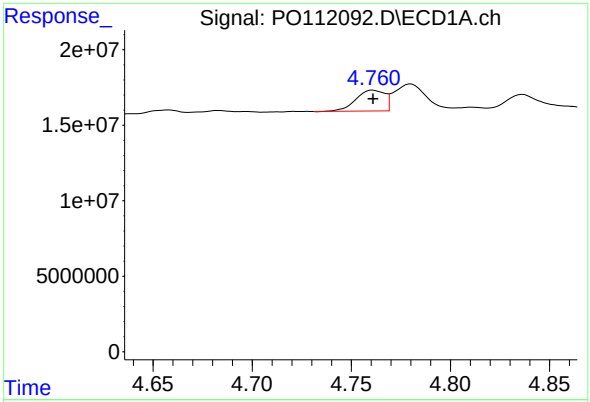
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 27391770
Conc: 4.01 ng/ml



#2 Decachlorobiphenyl

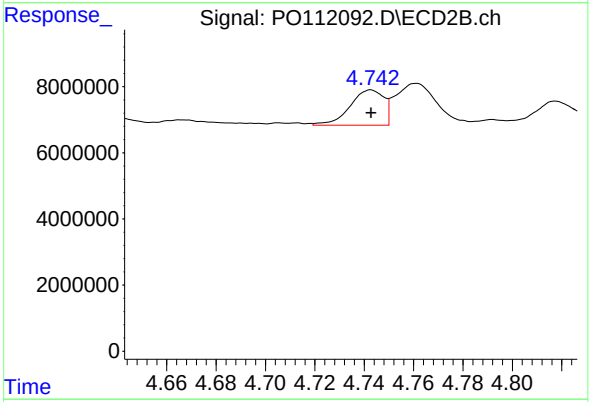
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 6408552
Conc: 3.72 ng/ml



#3 AR-1016-1

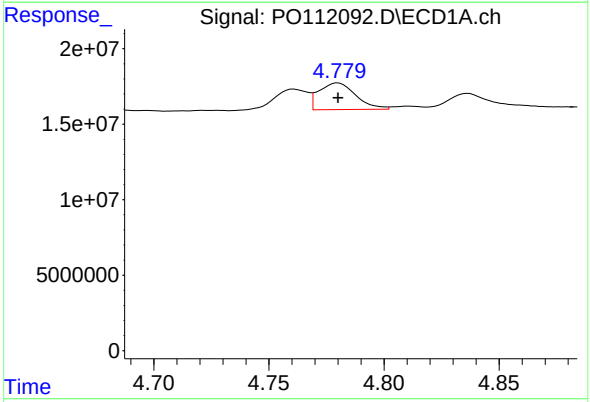
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 13802015
Conc: 40.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



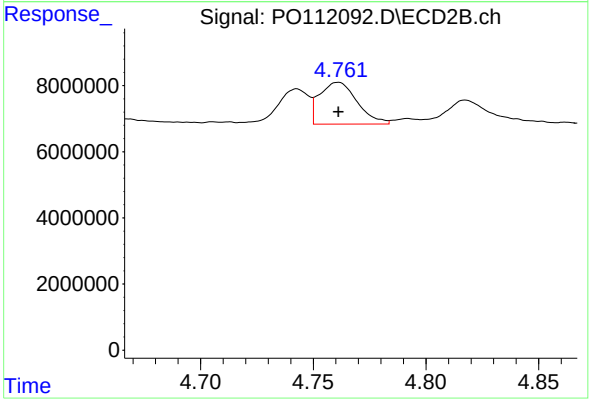
#3 AR-1016-1

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 10149679
Conc: 45.55 ng/ml



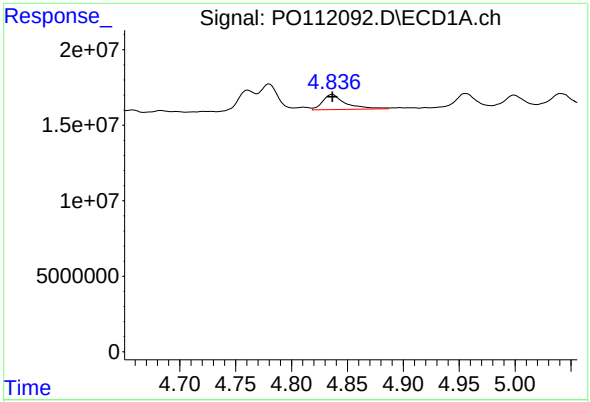
#4 AR-1016-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 19790298
Conc: 39.80 ng/ml



#4 AR-1016-2

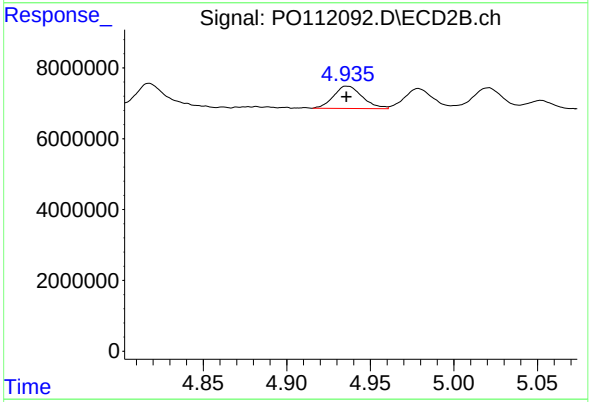
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 14662938
Conc: 44.55 ng/ml



#5 AR-1016-3

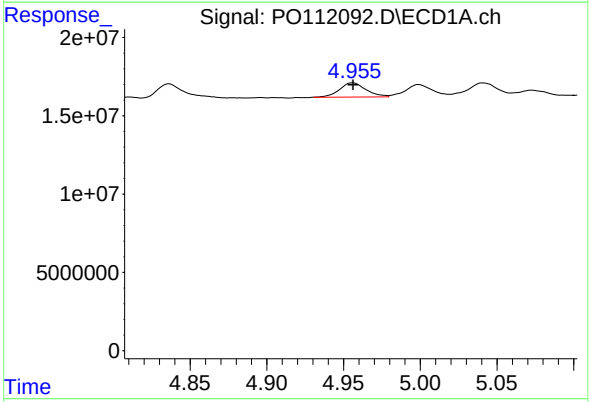
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 14195524
Conc: 43.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



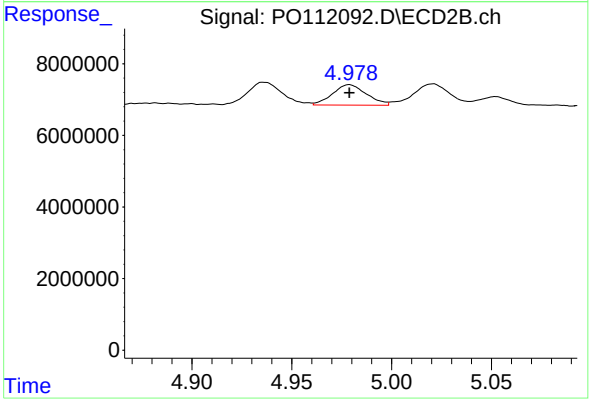
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 7549659
Conc: 44.44 ng/ml



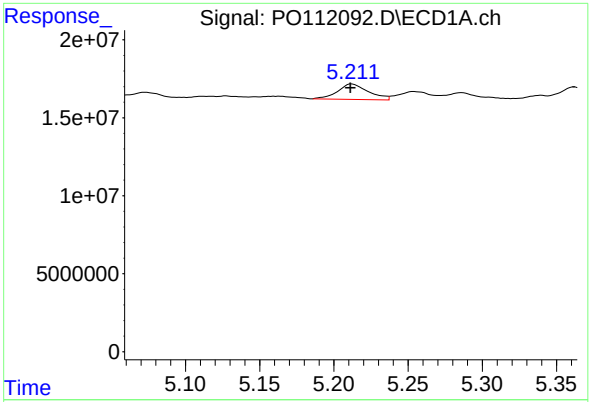
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 10940244
Conc: 42.60 ng/ml



#6 AR-1016-4

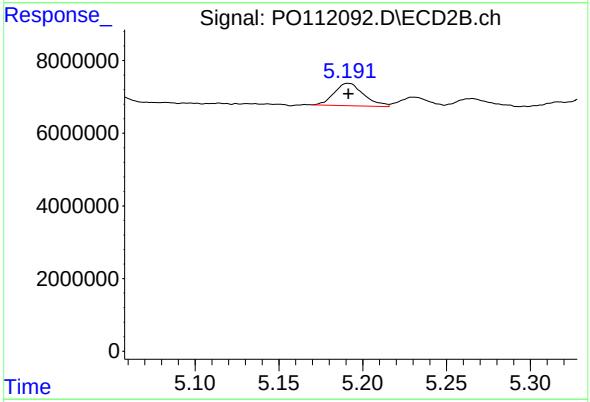
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 6781238
Conc: 49.42 ng/ml



#7 AR-1016-5

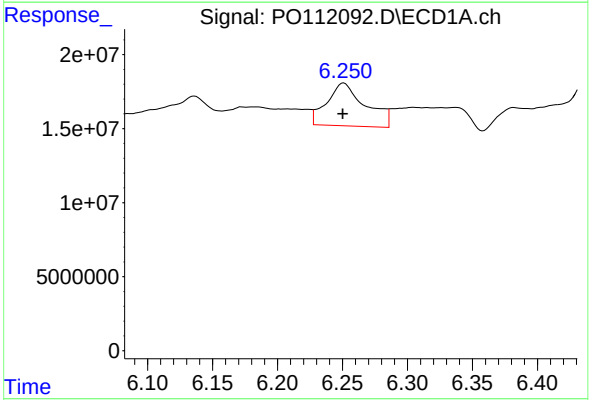
R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 14240179
Conc: 51.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



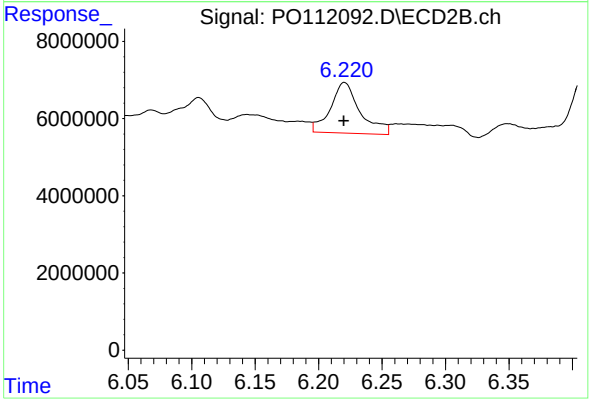
#7 AR-1016-5

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 7528374
Conc: 43.66 ng/ml



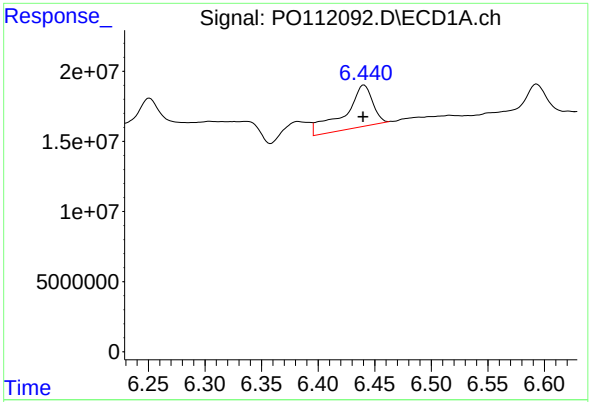
#31 AR-1260-1

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 59957659
Conc: 120.17 ng/ml



#31 AR-1260-1

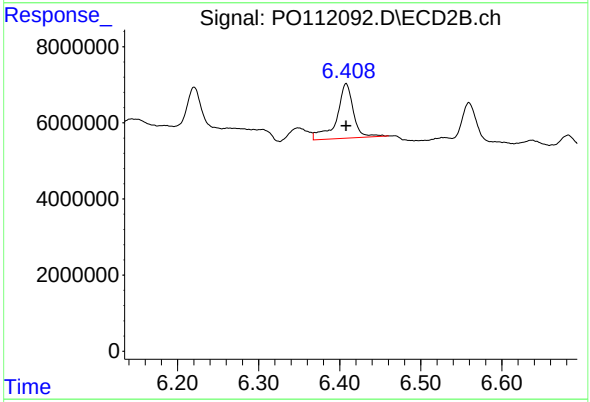
R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 21359833
Conc: 76.21 ng/ml



#32 AR-1260-2

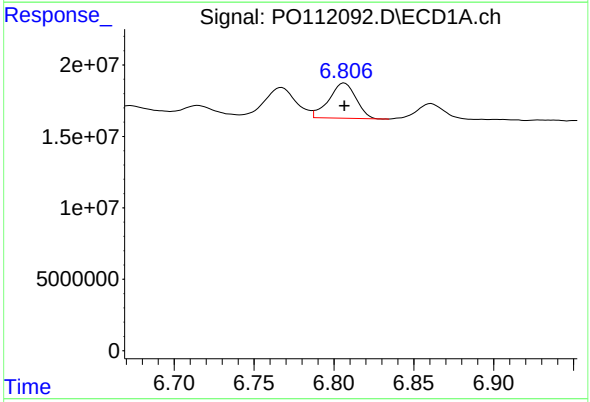
R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 51044679
Conc: 69.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



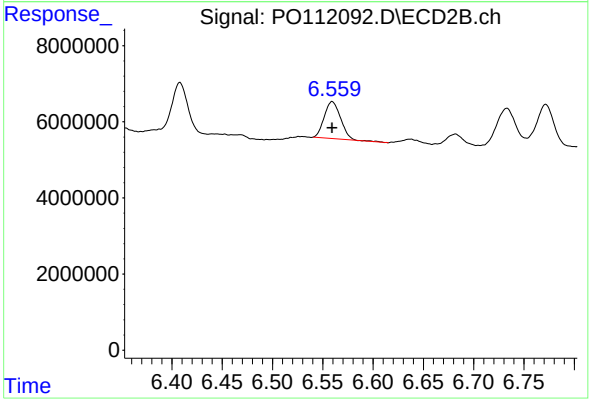
#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 20093020
Conc: 58.99 ng/ml



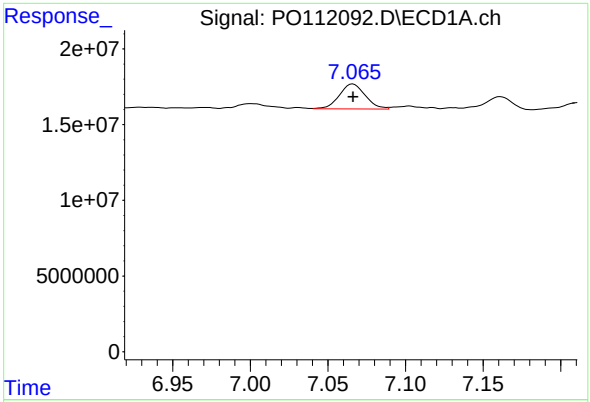
#33 AR-1260-3

R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 29007819
Conc: 44.25 ng/ml



#33 AR-1260-3

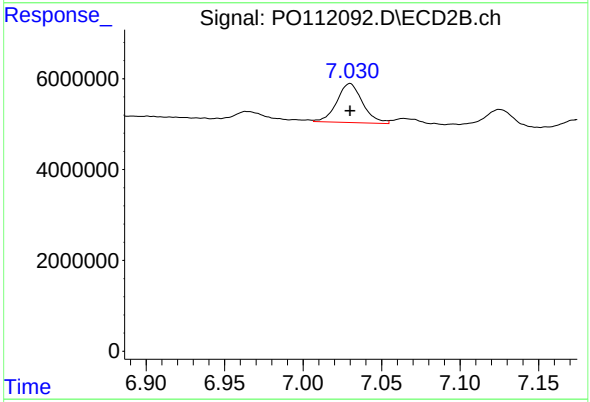
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 11088040
Conc: 40.23 ng/ml



#34 AR-1260-4

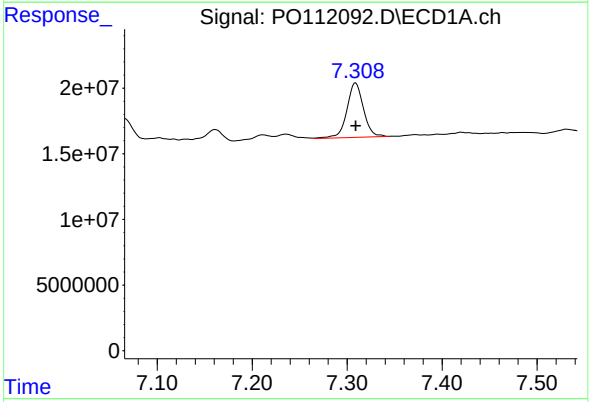
R.T.: 7.066 min
Delta R.T.: 0.000 min
Response: 19317003
Conc: 44.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050



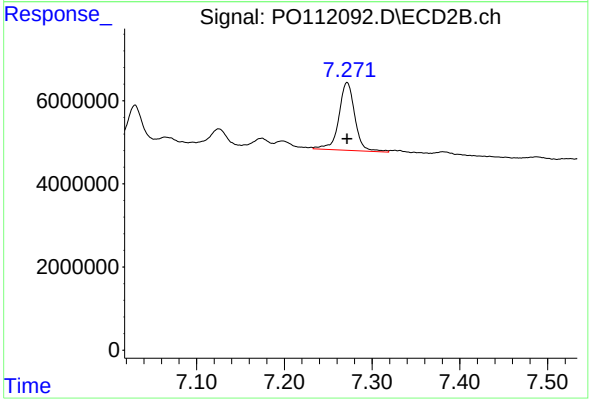
#34 AR-1260-4

R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 9814007
Conc: 48.91 ng/ml



#35 AR-1260-5

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 50382935
Conc: 39.91 ng/ml



#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: 0.000 min
Response: 20576692
Conc: 45.96 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	42912716	27696407	4.072	4.115
2)	SA Decachlor...	8.704	8.650	28291682	7899910	3.950	4.390
	Target Compounds						
16)	L4 AR-1242-1	4.761	4.743	12609363	9619088	41.672	49.038
17)	L4 AR-1242-2	4.780	4.761	17776215	13881256	39.541	48.067
18)	L4 AR-1242-3	4.837	4.937	12004480	6736786	41.773	44.908
19)	L4 AR-1242-4	4.957	5.021	10638220	7029005	45.904	48.940
20)	L4 AR-1242-5	5.609	5.541	17753976	13107939	79.074	70.069

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

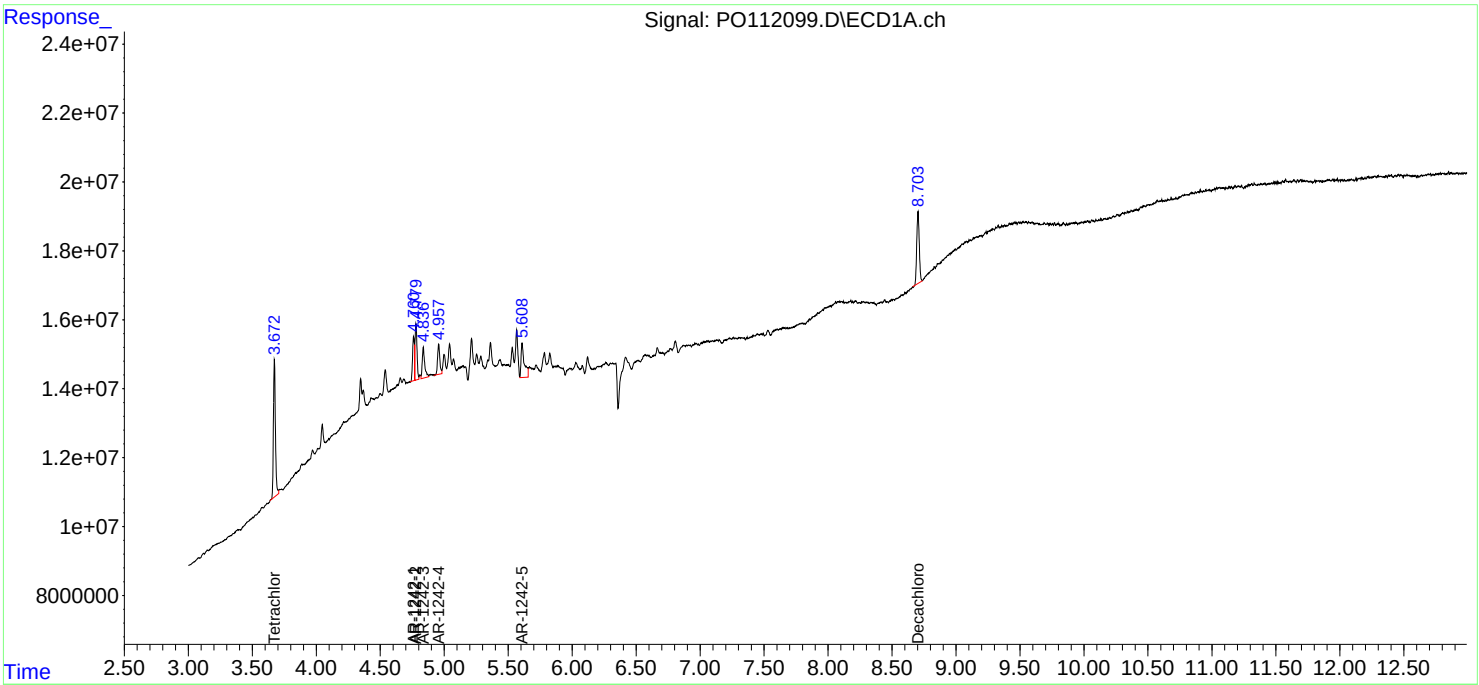
Quantitation Report (Not Reviewed)

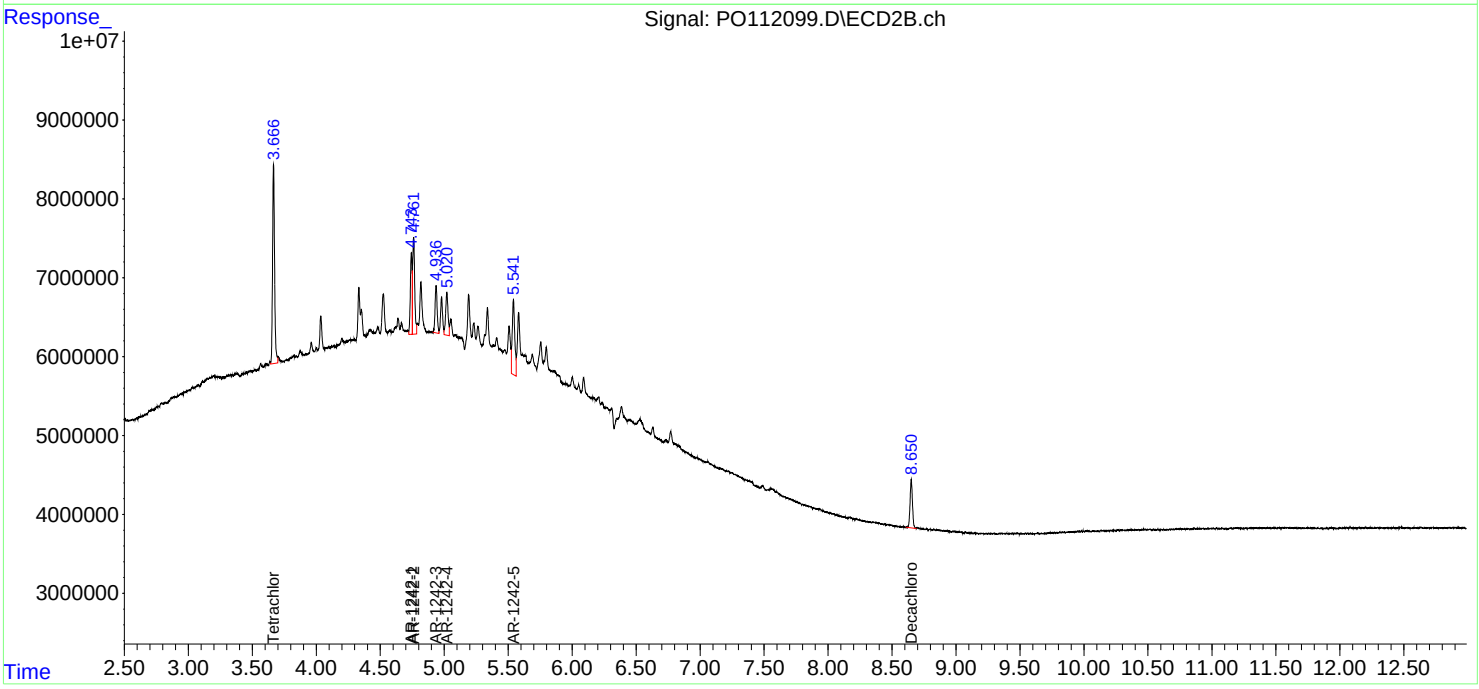
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

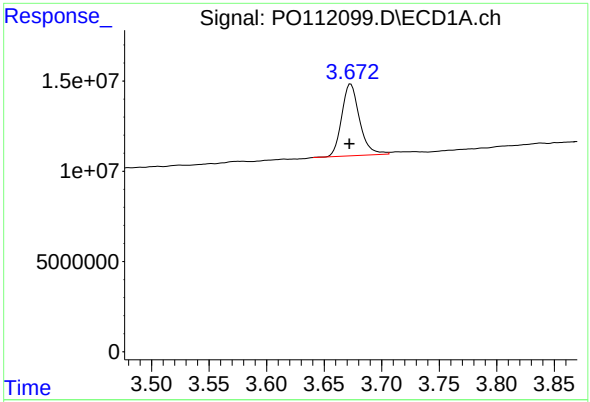
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 2025
Response via : Initial Calibration
Integrator: ChemStation

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



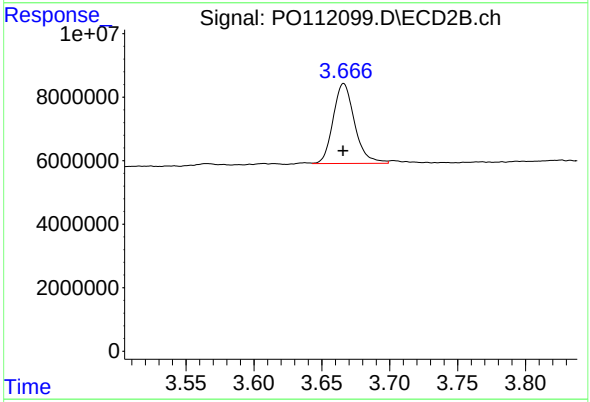




#1 Tetrachloro-m-xylene

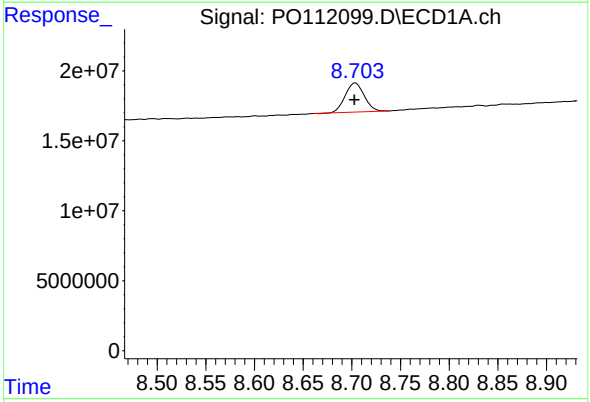
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 42912716
Conc: 4.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



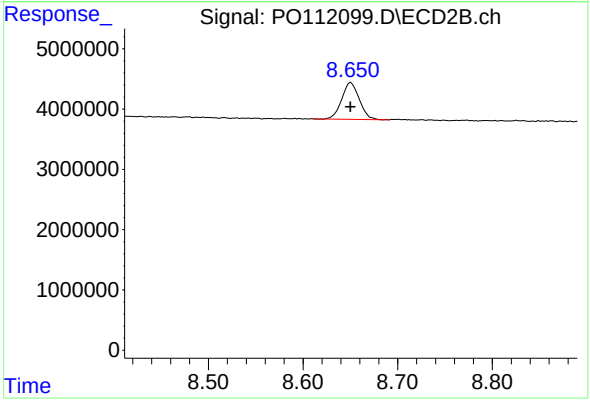
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 27696407
Conc: 4.11 ng/ml



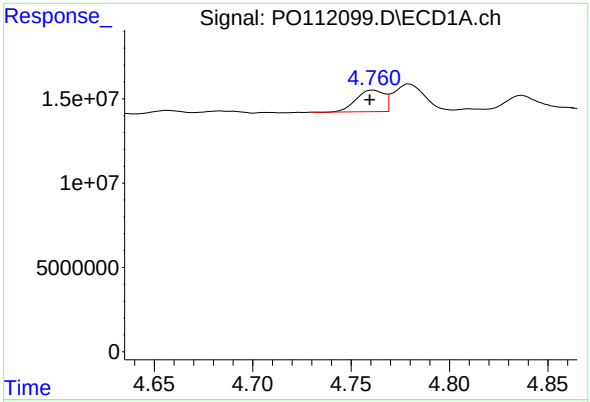
#2 Decachlorobiphenyl

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 28291682
Conc: 3.95 ng/ml



#2 Decachlorobiphenyl

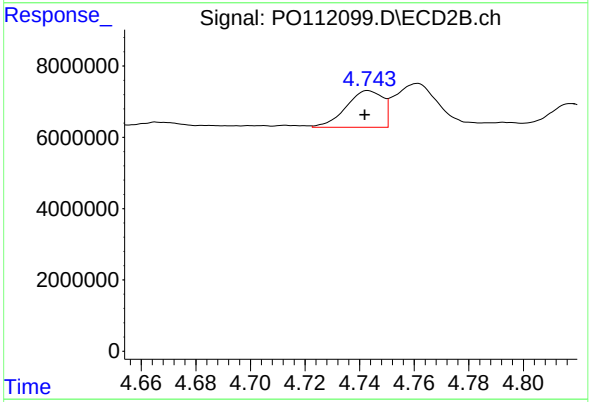
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 7899910
Conc: 4.39 ng/ml



#16 AR-1242-1

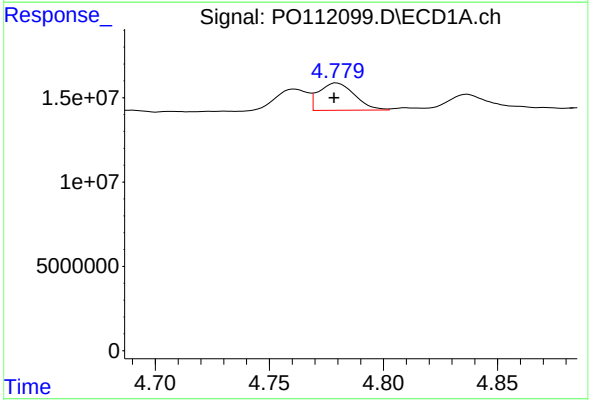
R.T.: 4.761 min
Delta R.T.: 0.002 min
Response: 12609363
Conc: 41.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



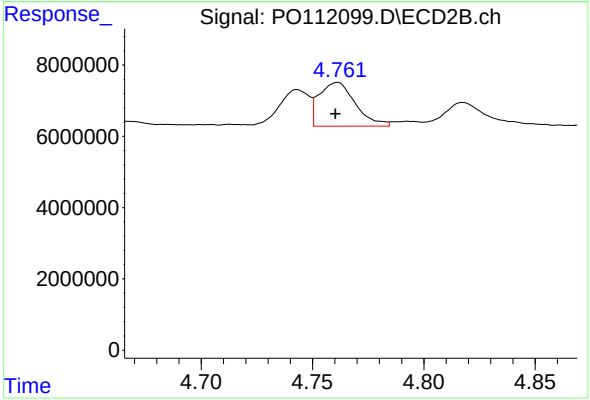
#16 AR-1242-1

R.T.: 4.743 min
Delta R.T.: 0.001 min
Response: 9619088
Conc: 49.04 ng/ml



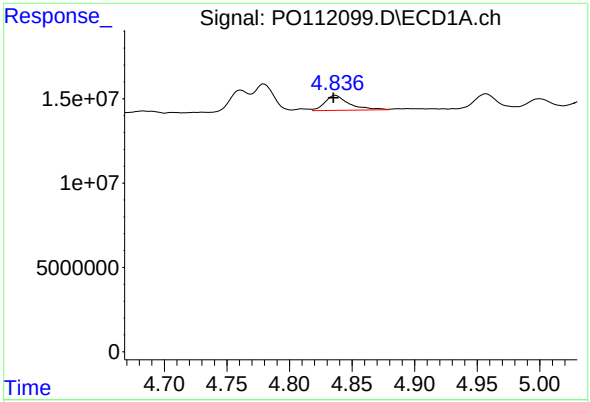
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.001 min
Response: 17776215
Conc: 39.54 ng/ml



#17 AR-1242-2

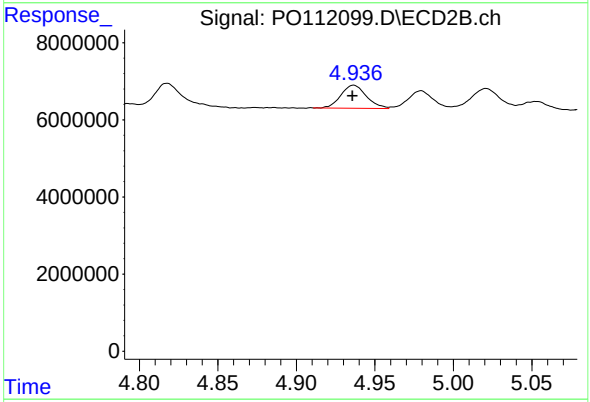
R.T.: 4.761 min
Delta R.T.: 0.001 min
Response: 13881256
Conc: 48.07 ng/ml



#18 AR-1242-3

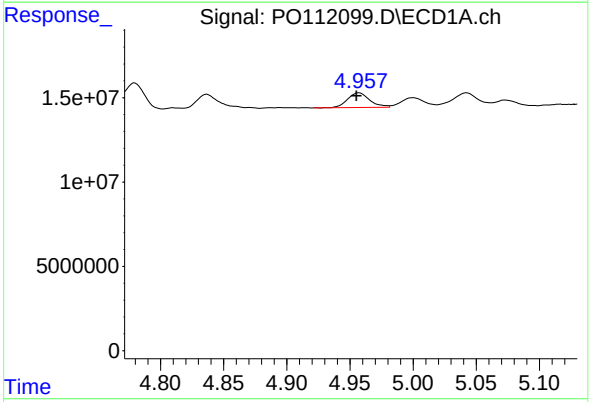
R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 12004480
Conc: 41.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



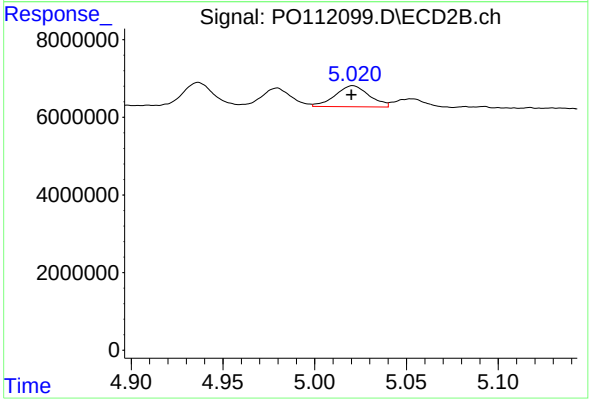
#18 AR-1242-3

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 6736786
Conc: 44.91 ng/ml



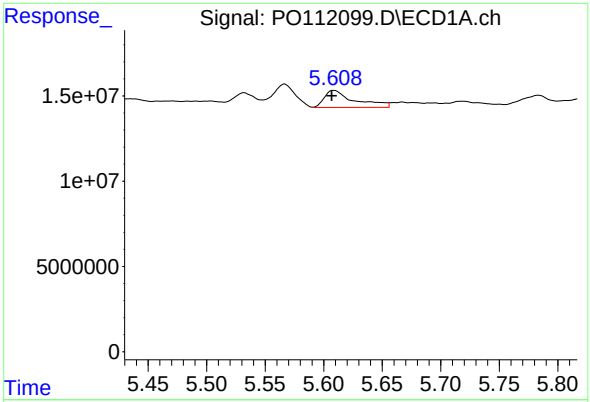
#19 AR-1242-4

R.T.: 4.957 min
Delta R.T.: 0.002 min
Response: 10638220
Conc: 45.90 ng/ml



#19 AR-1242-4

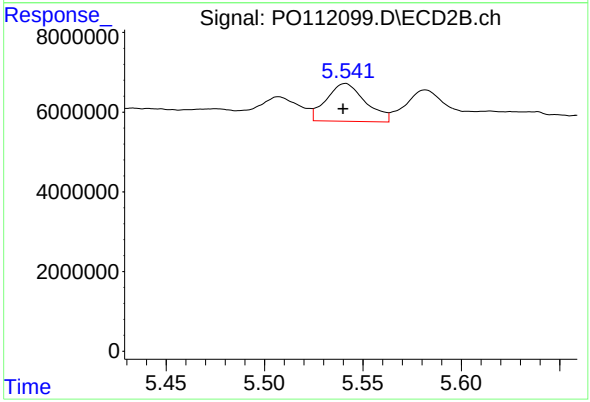
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 7029005
Conc: 48.94 ng/ml



#20 AR-1242-5

R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 17753976
Conc: 79.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.541 min
Delta R.T.: 0.001 min
Response: 13107939
Conc: 70.07 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.673	3.666	43320523	27979420	4.113	4.205
2)	SA Decachlor...	8.703	8.650	29248819	7966074	4.030	4.341
	Target Compounds						
21)	L5 AR-1248-1	4.761	4.742	9816500	7672405	43.126	51.273
22)	L5 AR-1248-2	4.999	4.979	13335961	9853335	43.403	48.509
23)	L5 AR-1248-3	5.213	5.020	19880304	9961976	50.597	46.817
24)	L5 AR-1248-4	5.567	5.191	27262638	13537632	47.367	53.399
25)	L5 AR-1248-5	5.608	5.582	17126268	14613633	43.835	58.225 #

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

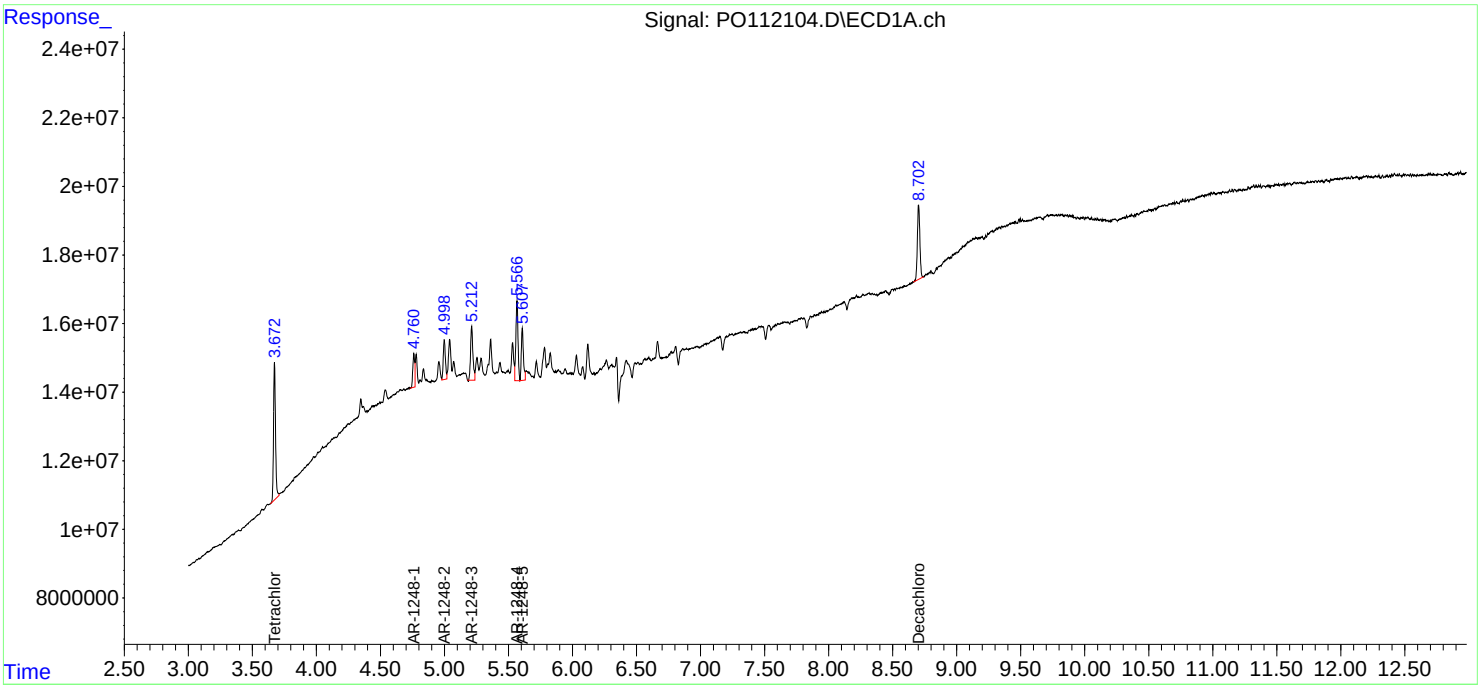
Quantitation Report (Not Reviewed)

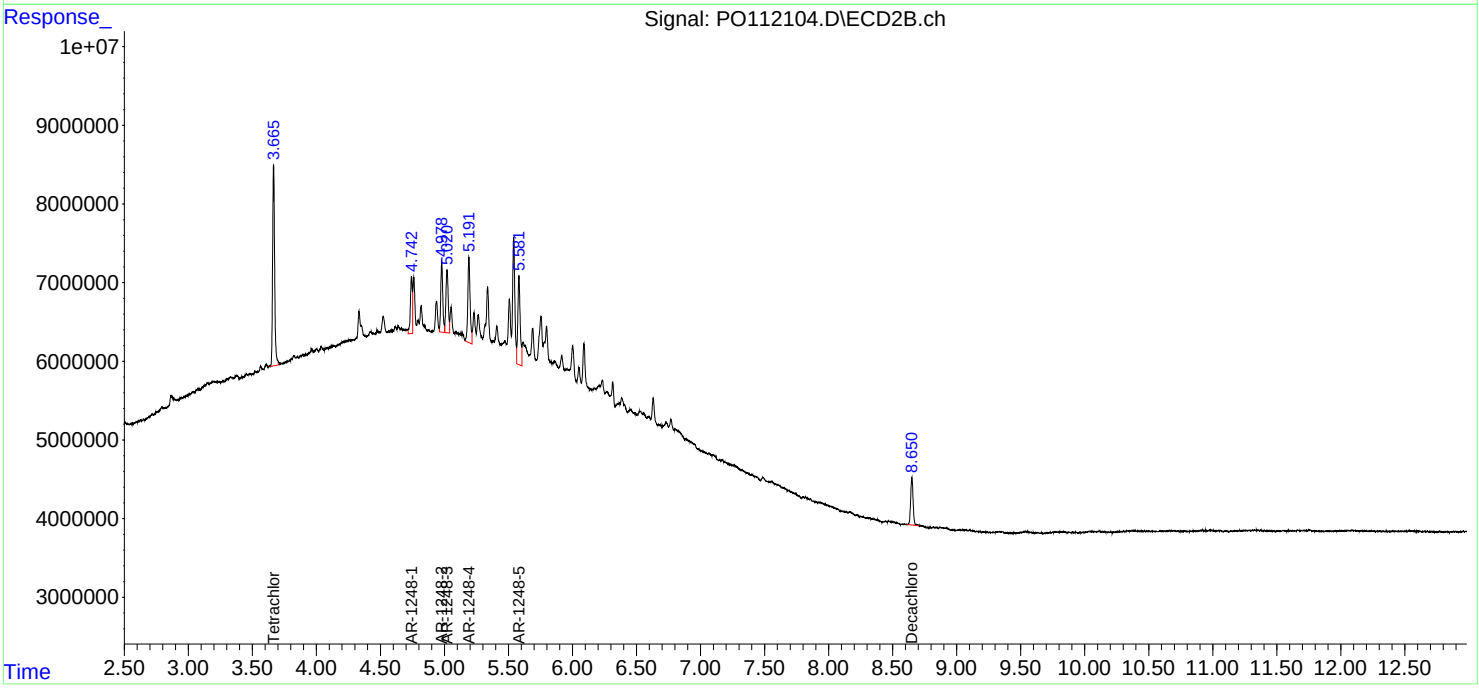
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

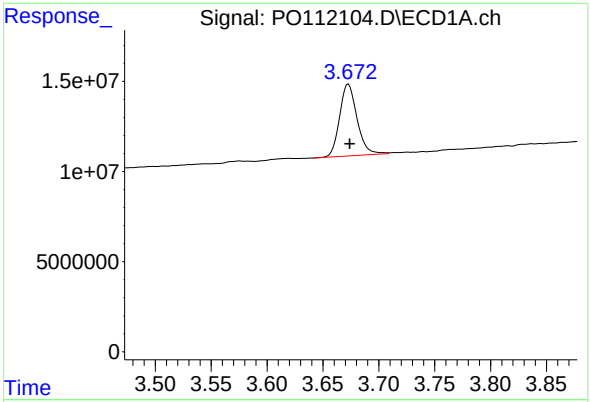
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



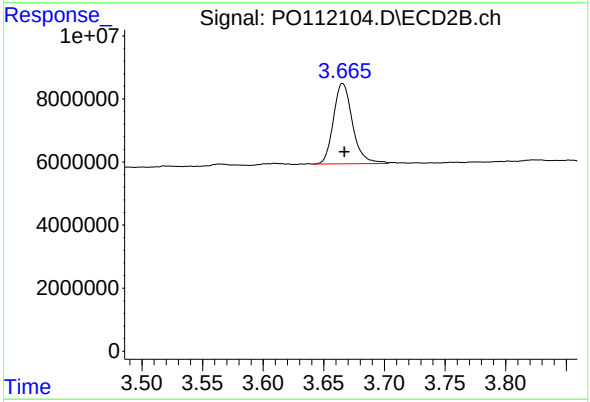




#1 Tetrachloro-m-xylene

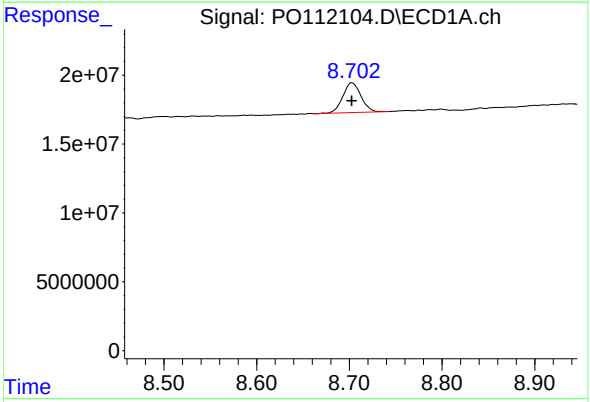
R.T.: 3.673 min
Delta R.T.: -0.001 min
Response: 43320523
Conc: 4.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



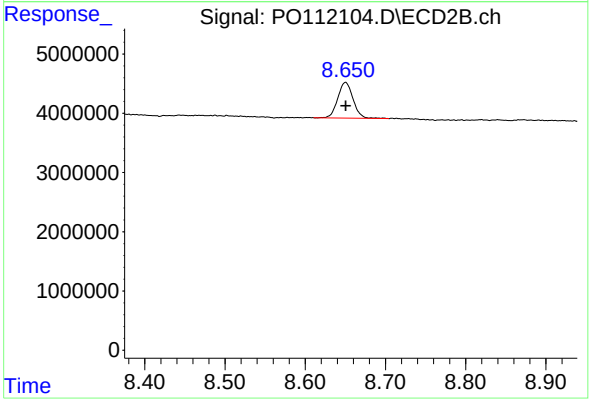
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.001 min
Response: 27979420
Conc: 4.21 ng/ml



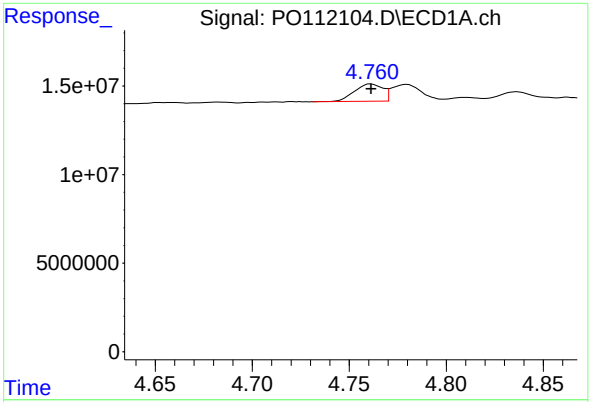
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 29248819
Conc: 4.03 ng/ml



#2 Decachlorobiphenyl

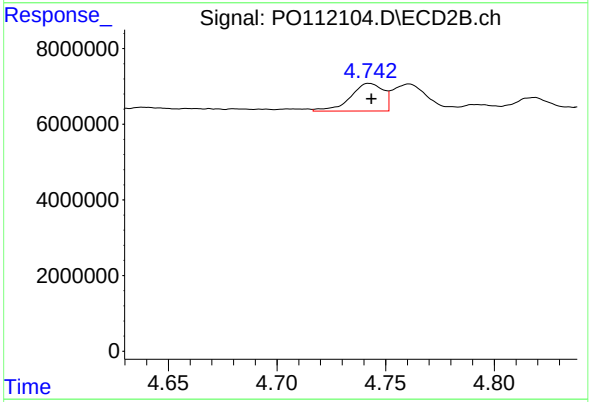
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 7966074
Conc: 4.34 ng/ml



#21 AR-1248-1

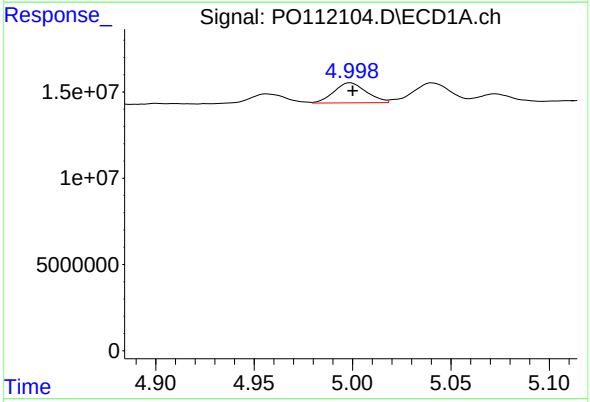
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 9816500
Conc: 43.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



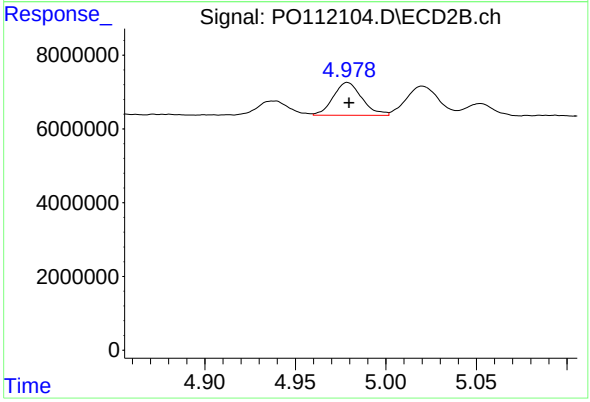
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 7672405
Conc: 51.27 ng/ml



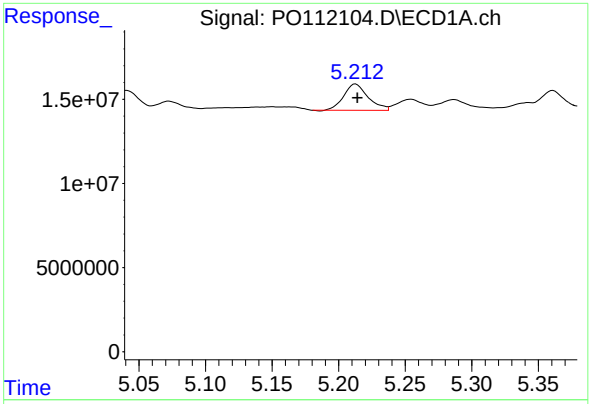
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: -0.001 min
Response: 13335961
Conc: 43.40 ng/ml



#22 AR-1248-2

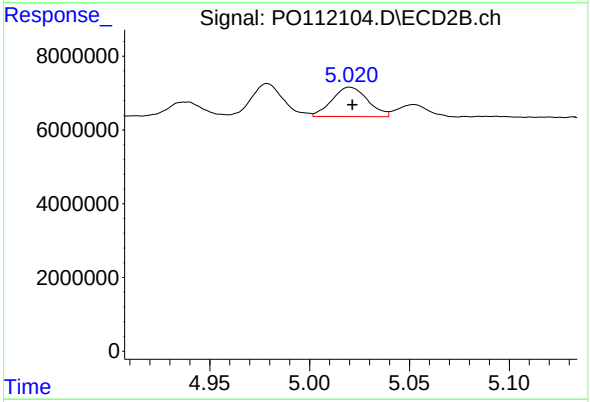
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 9853335
Conc: 48.51 ng/ml



#23 AR-1248-3

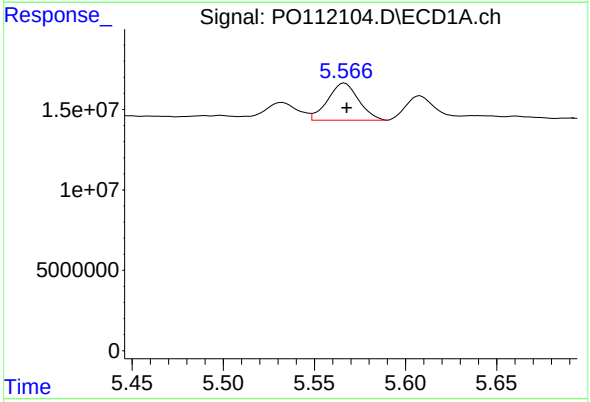
R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 19880304
Conc: 50.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



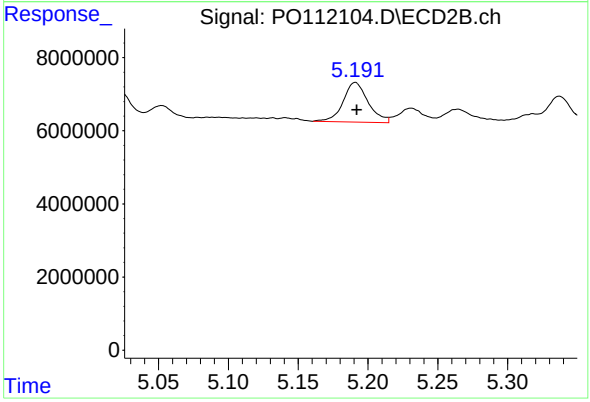
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 9961976
Conc: 46.82 ng/ml



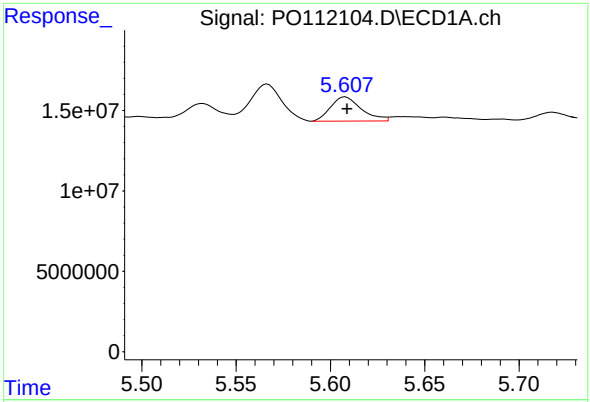
#24 AR-1248-4

R.T.: 5.567 min
Delta R.T.: -0.001 min
Response: 27262638
Conc: 47.37 ng/ml



#24 AR-1248-4

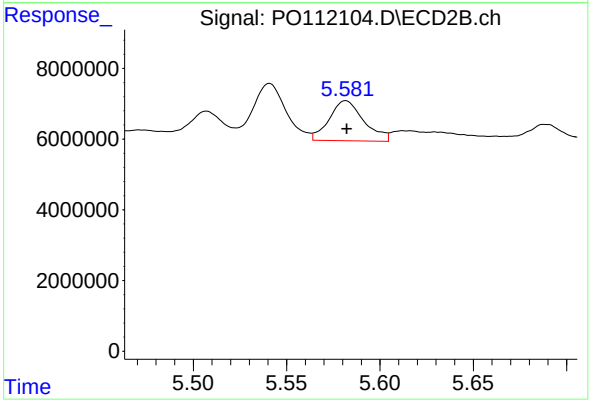
R.T.: 5.191 min
Delta R.T.: -0.001 min
Response: 13537632
Conc: 53.40 ng/ml



#25 AR-1248-5

R.T.: 5.608 min
Delta R.T.: -0.001 min
Response: 17126268
Conc: 43.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 14613633
Conc: 58.22 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.666	45533046	29689581	4.236	4.372
2)	SA Decachlor...	8.701	8.650	32557073	8527820	4.327	4.604
	Target Compounds						
26)	L6 AR-1254-1	5.565	5.541	30856160	21377359	50.127	56.761
27)	L6 AR-1254-2	5.714	5.688	25962033	19942992	48.227	61.182 #
28)	L6 AR-1254-3	6.118	6.089	40531096	25609316	47.989	54.406
29)	L6 AR-1254-4	6.346	6.316	23345099	12905837	44.210	48.800
30)	L6 AR-1254-5	6.765	6.733	35718880	18096474	45.127	50.826

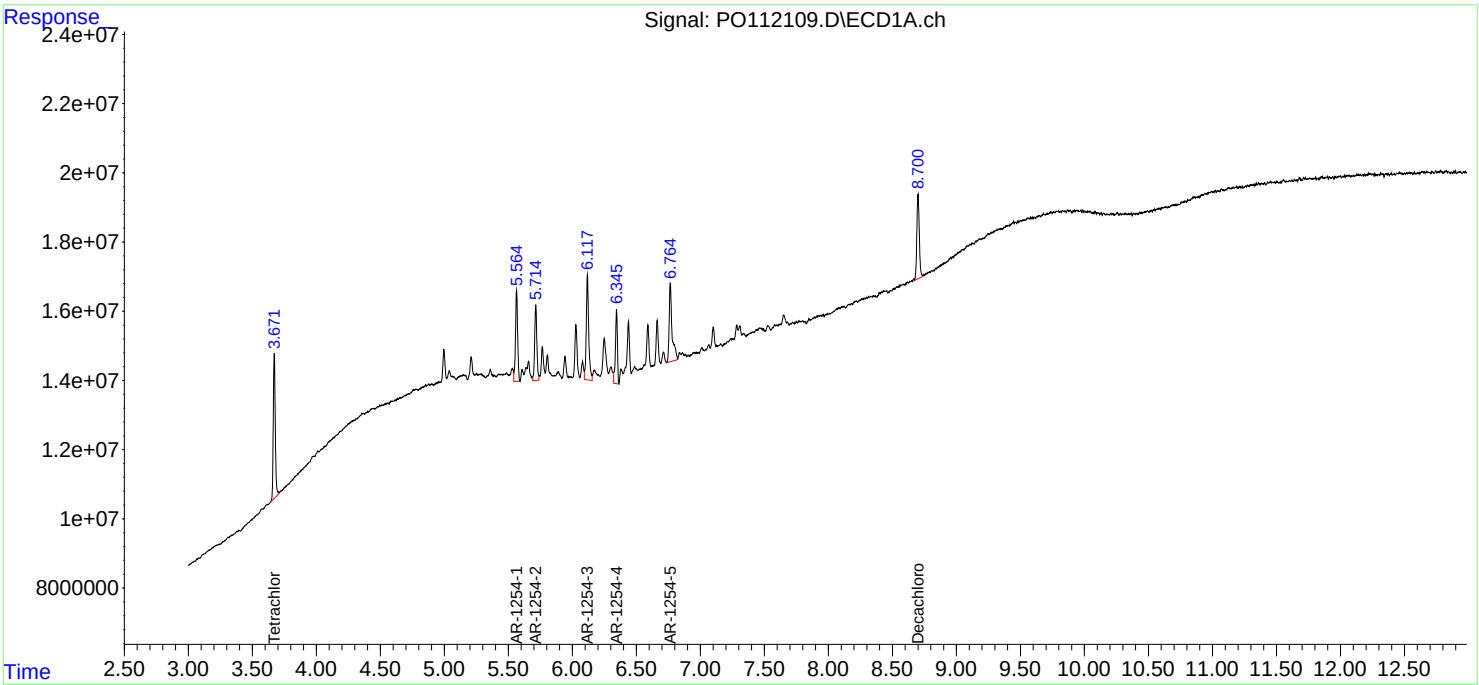
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

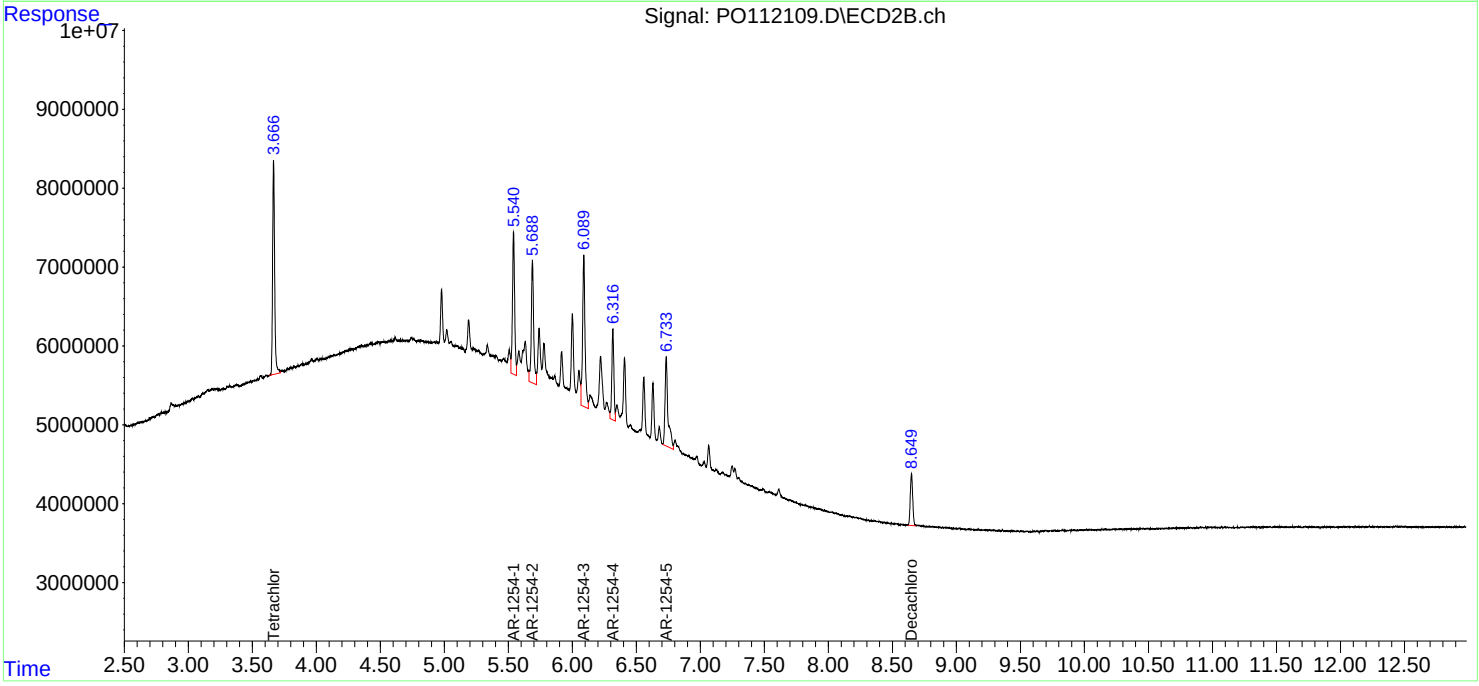
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

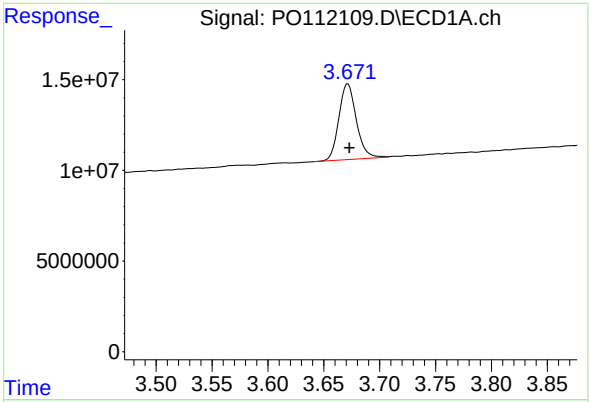
Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



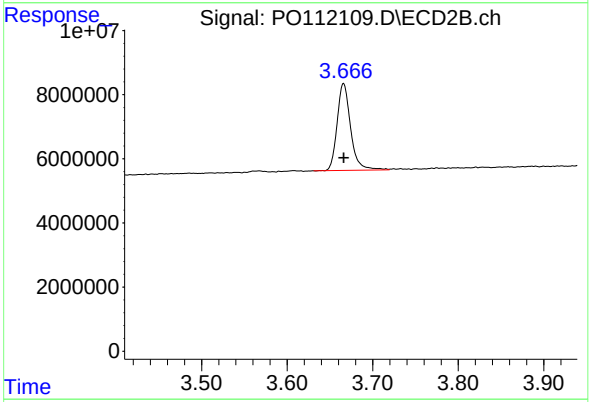




#1 Tetrachloro-m-xylene

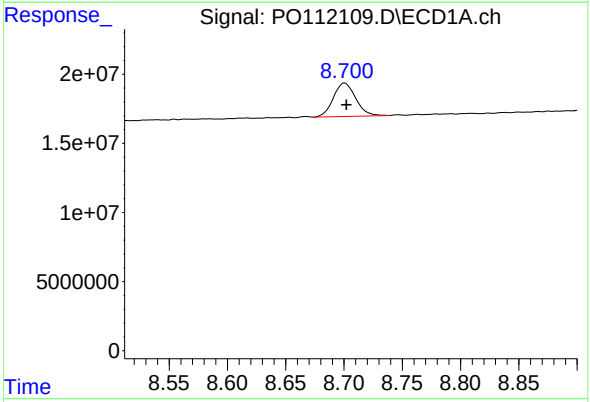
R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 45533046
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



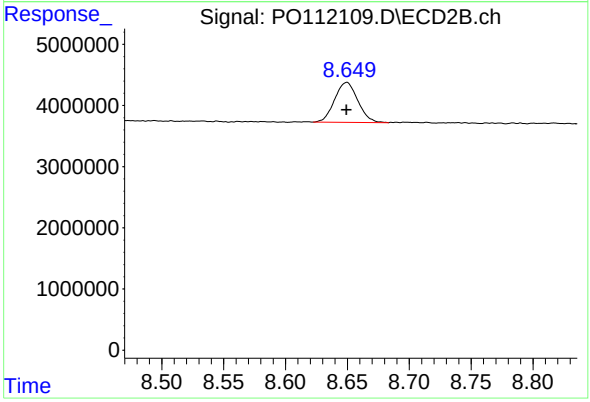
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 29689581
Conc: 4.37 ng/ml



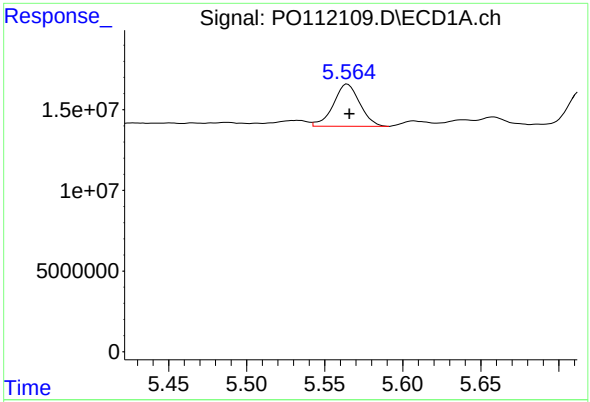
#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.001 min
Response: 32557073
Conc: 4.33 ng/ml



#2 Decachlorobiphenyl

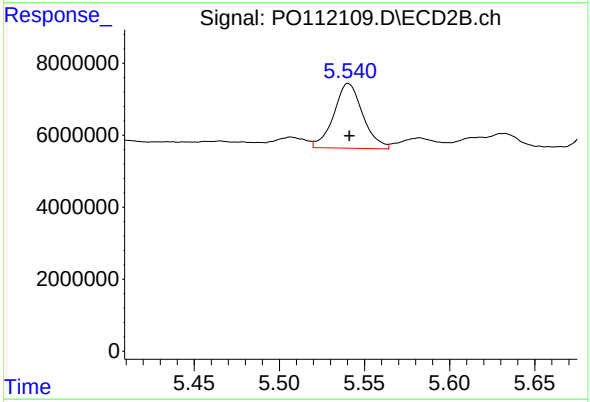
R.T.: 8.650 min
Delta R.T.: 0.000 min
Response: 8527820
Conc: 4.60 ng/ml



#26 AR-1254-1

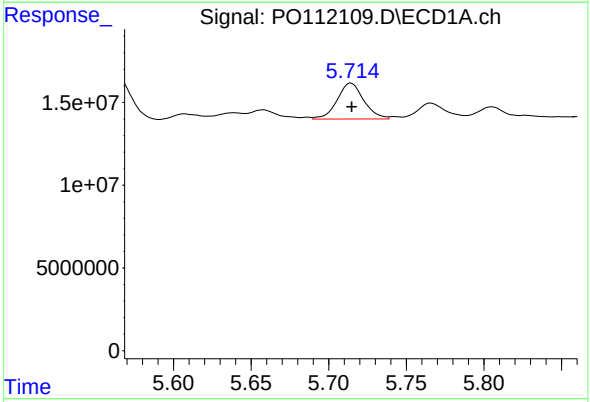
R.T.: 5.565 min
Delta R.T.: -0.001 min
Response: 30856160
Conc: 50.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



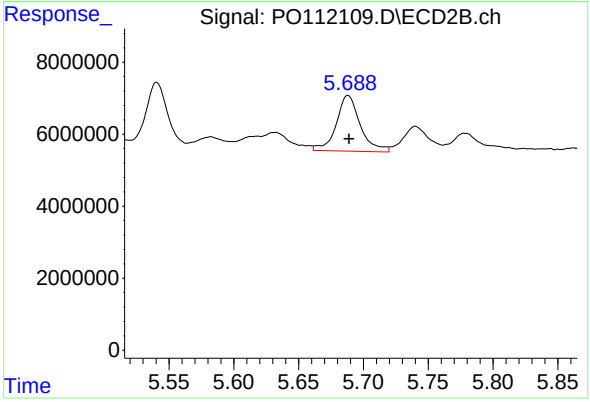
#26 AR-1254-1

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 21377359
Conc: 56.76 ng/ml



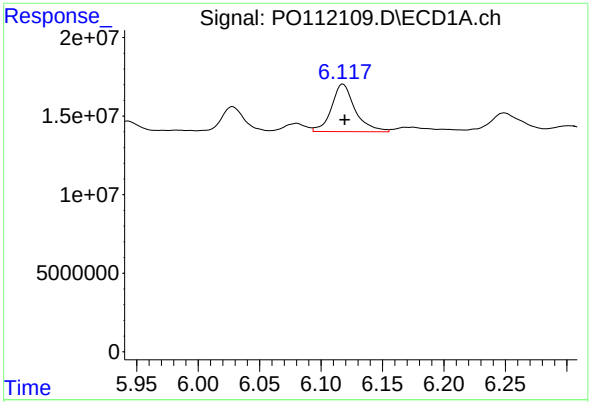
#27 AR-1254-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 25962033
Conc: 48.23 ng/ml



#27 AR-1254-2

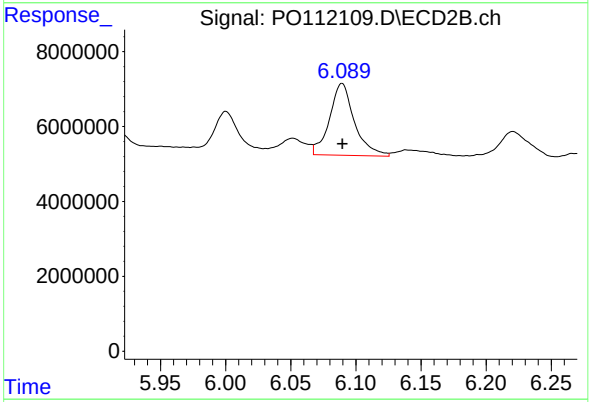
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 19942992
Conc: 61.18 ng/ml



#28 AR-1254-3

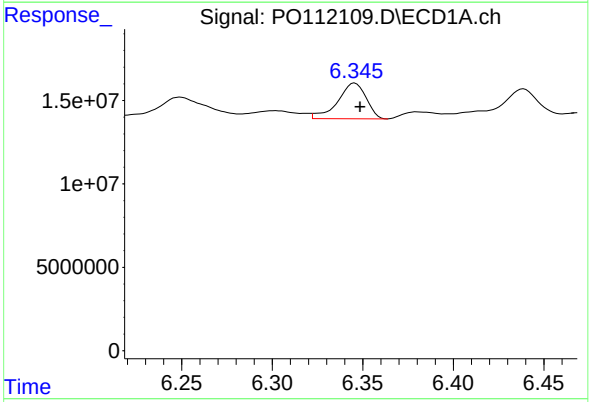
R.T.: 6.118 min
Delta R.T.: -0.001 min
Response: 40531096
Conc: 47.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



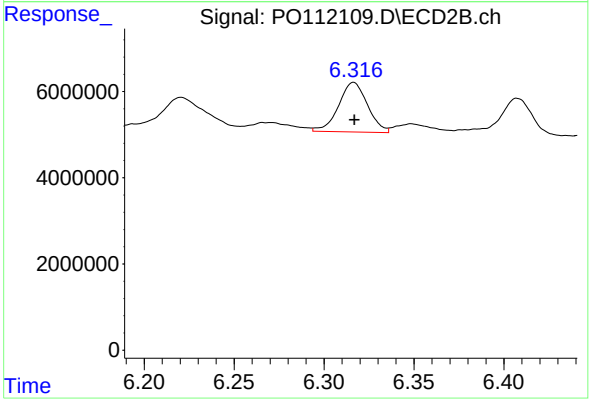
#28 AR-1254-3

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 25609316
Conc: 54.41 ng/ml



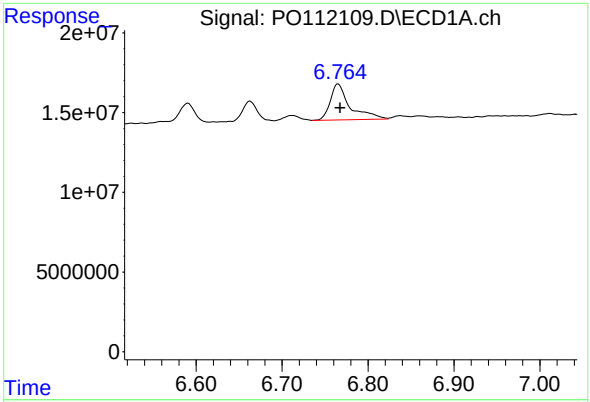
#29 AR-1254-4

R.T.: 6.346 min
Delta R.T.: -0.003 min
Response: 23345099
Conc: 44.21 ng/ml



#29 AR-1254-4

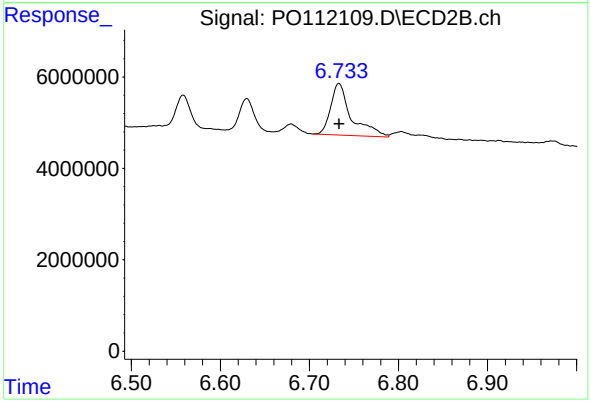
R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 12905837
Conc: 48.80 ng/ml



#30 AR-1254-5

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 35718880
Conc: 45.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 18096474
Conc: 50.83 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.672	3.667	1082.8E6	673.3E6	101.066	99.562
2)	SA Decachlor...	8.702	8.650	1378.0E6	313.9E6	99.628	96.478
	Target Compounds						
41)	L9 AR-1268-1	7.590	7.554	1933.7E6	486.6E6	1000.189	974.104
42)	L9 AR-1268-2	7.656	7.619	1621.3E6	414.1E6	997.801	973.991
43)	L9 AR-1268-3	7.862	7.823	1337.7E6	309.6E6	989.536	960.409
44)	L9 AR-1268-4	8.151	8.111	513.2E6	111.4E6	998.446	963.536
45)	L9 AR-1268-5	8.445	8.399	3474.7E6	736.5E6	1008.979	983.566

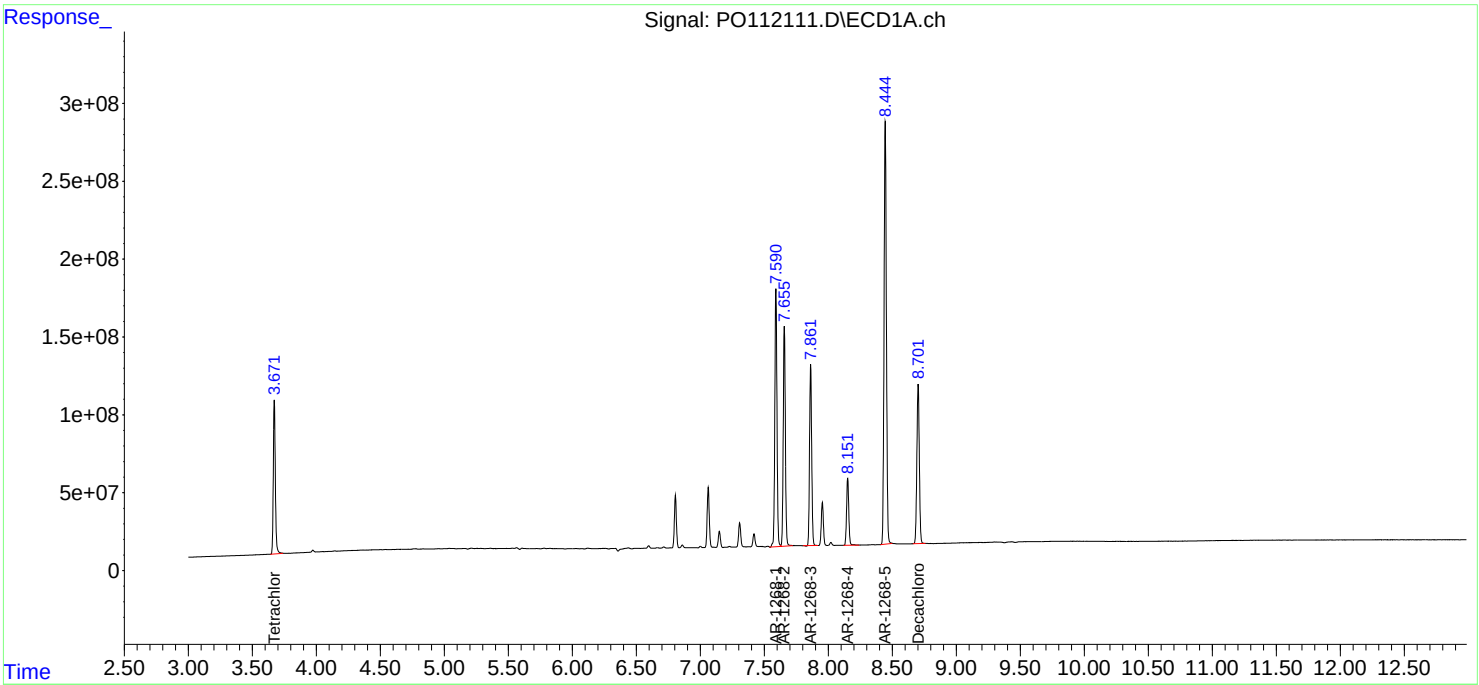
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

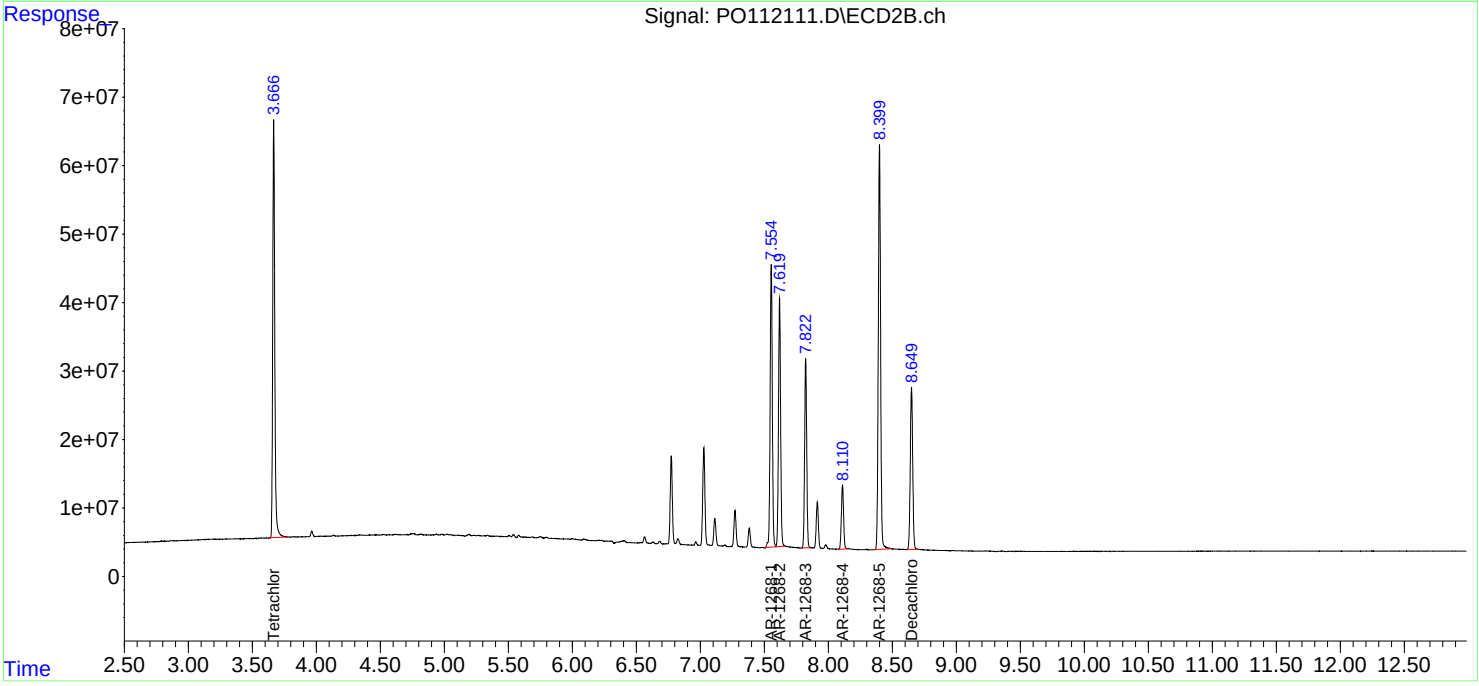
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

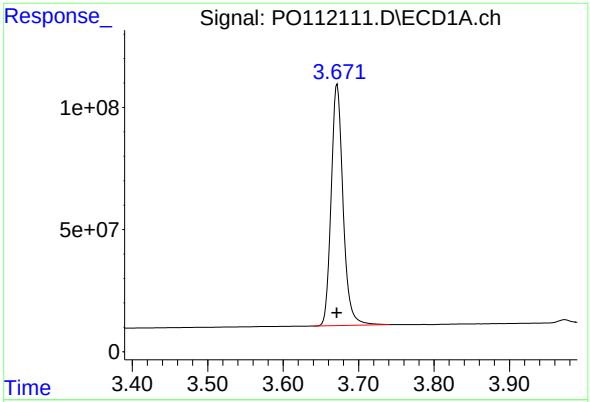
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



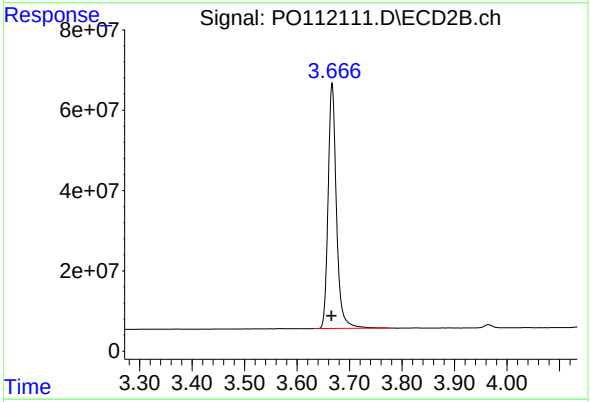




#1 Tetrachloro-m-xylene

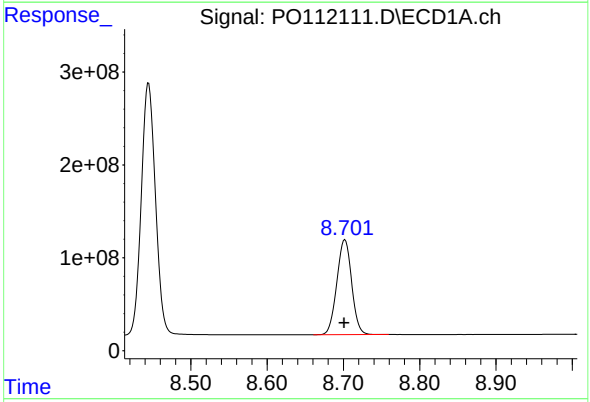
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 1082841647
Conc: 101.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



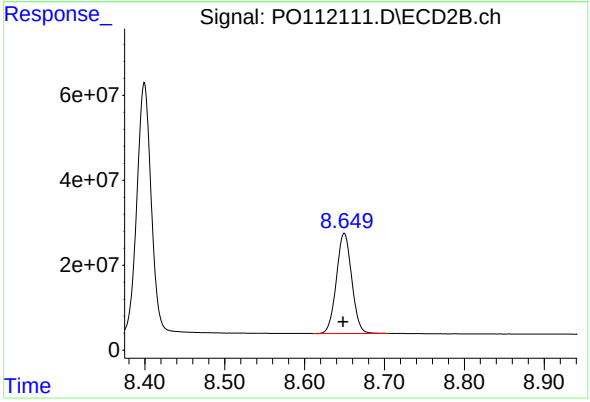
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.001 min
Response: 673253587
Conc: 99.56 ng/ml



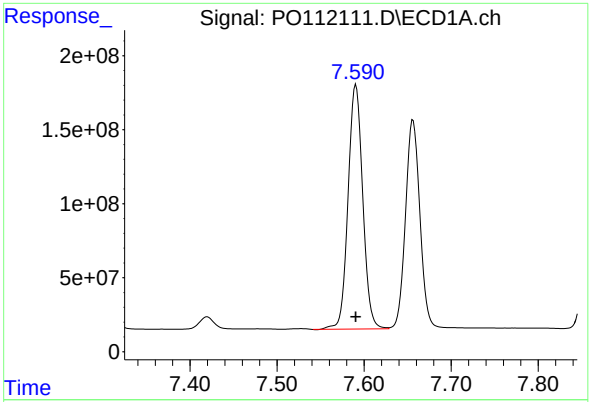
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: 0.000 min
Response: 1377978961
Conc: 99.63 ng/ml



#2 Decachlorobiphenyl

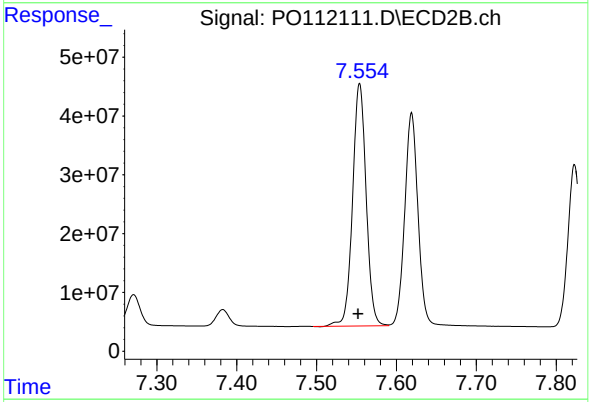
R.T.: 8.650 min
Delta R.T.: 0.002 min
Response: 313919147
Conc: 96.48 ng/ml



#41 AR-1268-1

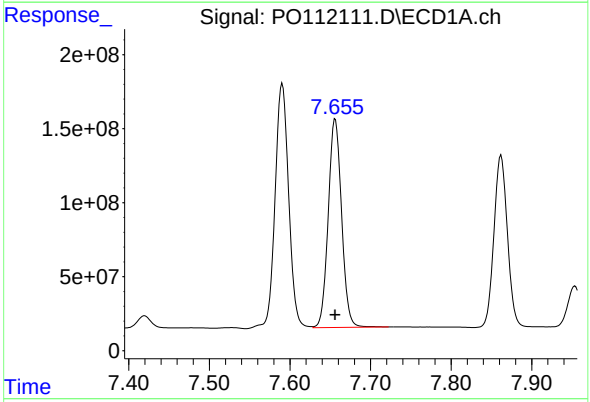
R.T.: 7.590 min
Delta R.T.: 0.000 min
Response: 1933697823
Conc: 1000.19 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



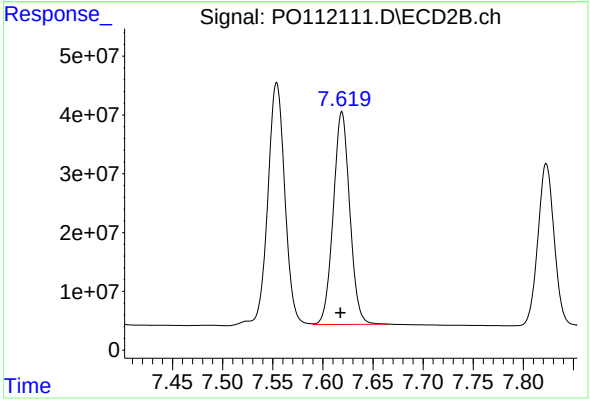
#41 AR-1268-1

R.T.: 7.554 min
Delta R.T.: 0.002 min
Response: 486556055
Conc: 974.10 ng/ml



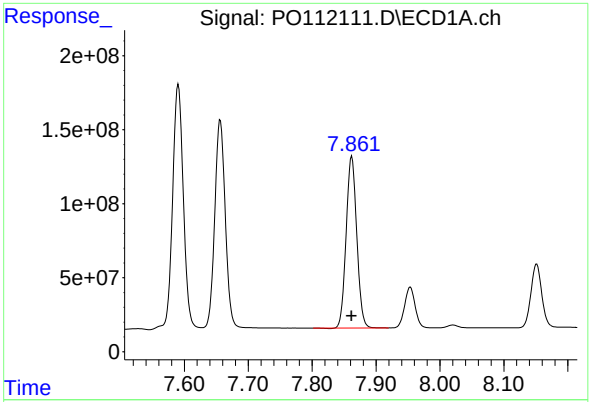
#42 AR-1268-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 1621310763
Conc: 997.80 ng/ml



#42 AR-1268-2

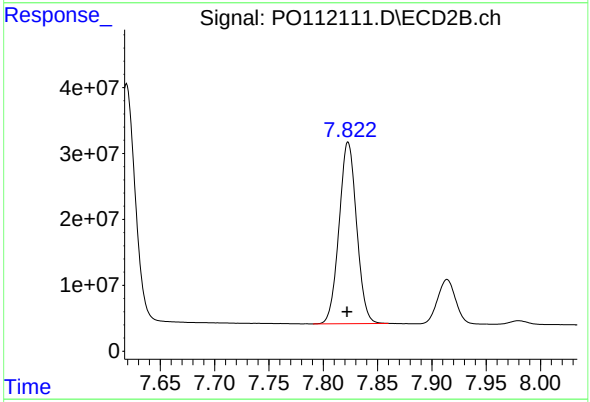
R.T.: 7.619 min
Delta R.T.: 0.002 min
Response: 414074889
Conc: 973.99 ng/ml



#43 AR-1268-3

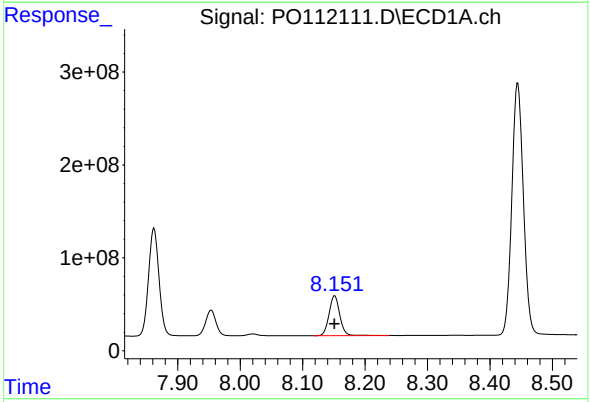
R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 1337748865
Conc: 989.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



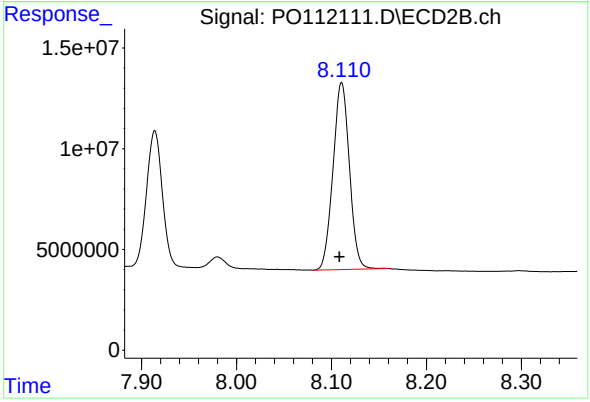
#43 AR-1268-3

R.T.: 7.823 min
Delta R.T.: 0.001 min
Response: 309607188
Conc: 960.41 ng/ml



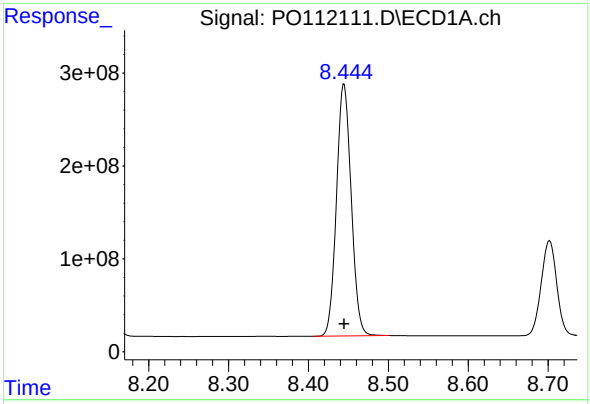
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 513241738
Conc: 998.45 ng/ml



#44 AR-1268-4

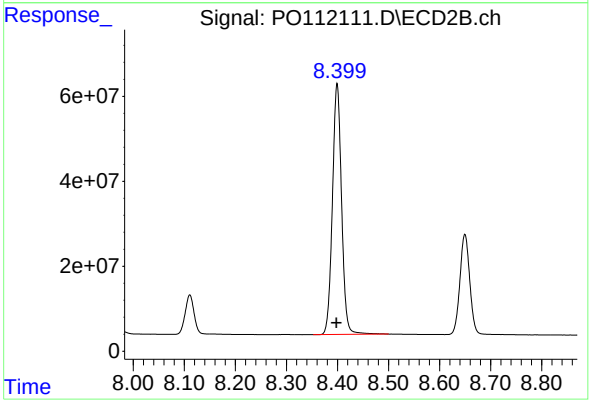
R.T.: 8.111 min
Delta R.T.: 0.002 min
Response: 111375490
Conc: 963.54 ng/ml



#45 AR-1268-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 3474681887
Conc: 1008.98 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 736492551
Conc: 983.57 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.674	3.666	38867548	25586379	3.628	3.784
2)	SA Decachlor...	8.703	8.649	53087700	13607316	3.838	4.182
	Target Compounds						
41)	L9 AR-1268-1	7.592	7.553	74576160	23025590	38.574	46.098
42)	L9 AR-1268-2	7.658	7.618	64617530	19259498	39.767	45.302
43)	L9 AR-1268-3	7.863	7.822	50498893	14843274	37.354	46.044
44)	L9 AR-1268-4	8.154	8.109	18826938	4939808	36.625	42.735
45)	L9 AR-1268-5	8.447	8.398	127.8E6	32095228	37.097	42.862

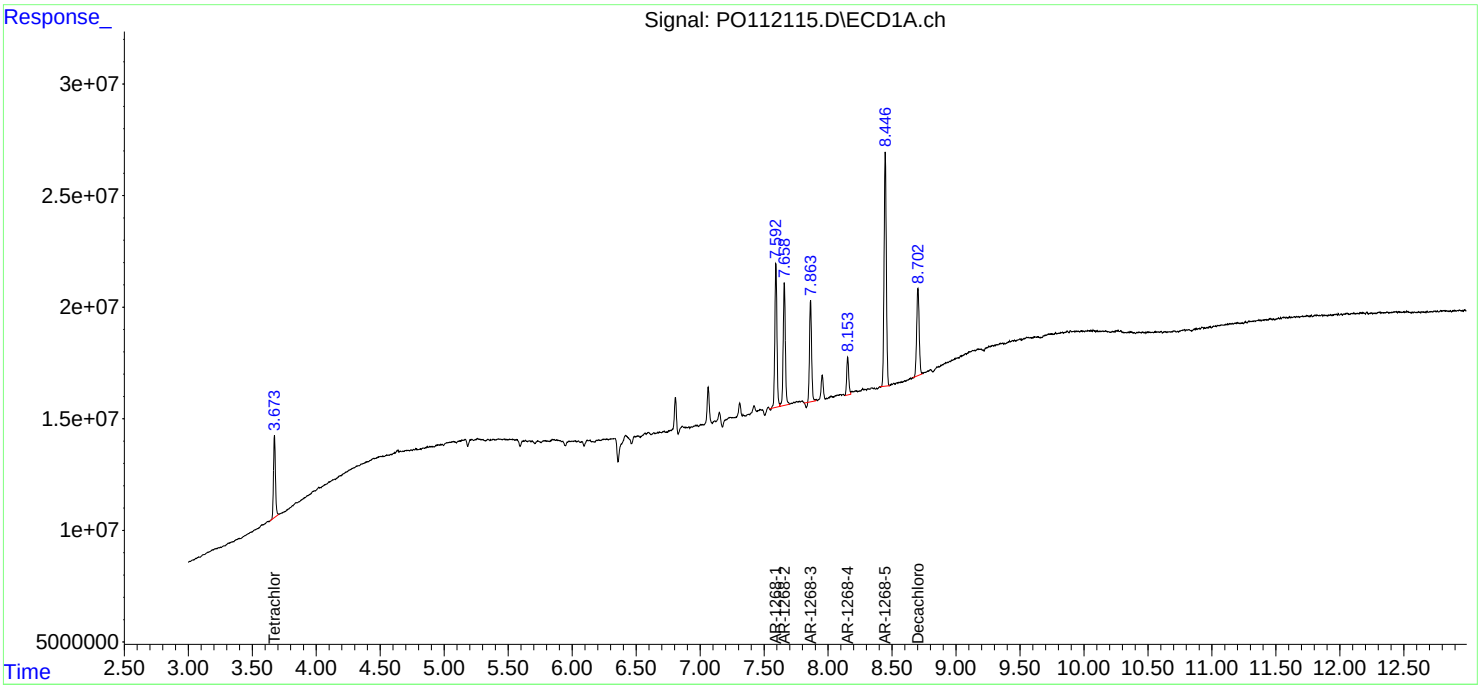
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

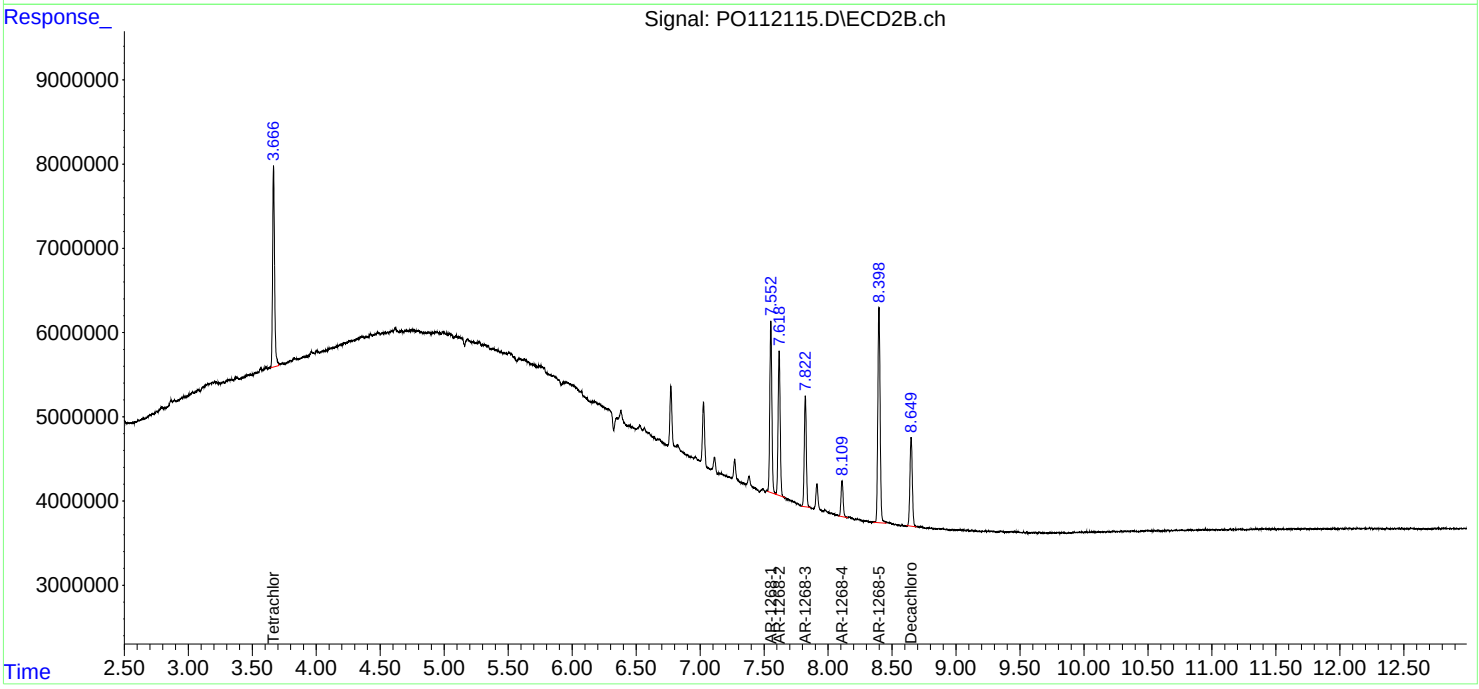
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

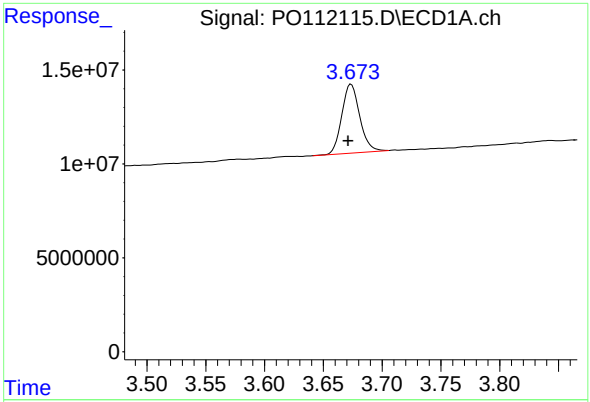
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



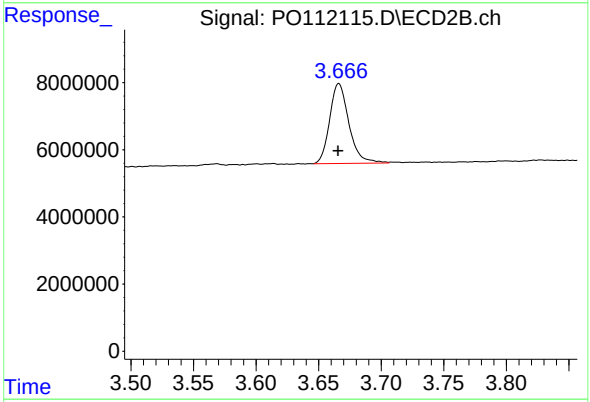




#1 Tetrachloro-m-xylene

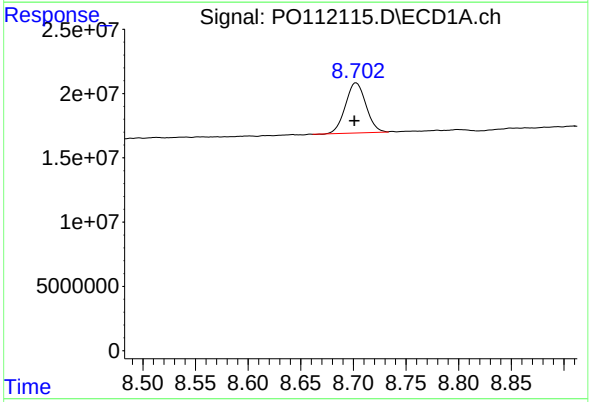
R.T.: 3.674 min
Delta R.T.: 0.003 min
Response: 38867548
Conc: 3.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



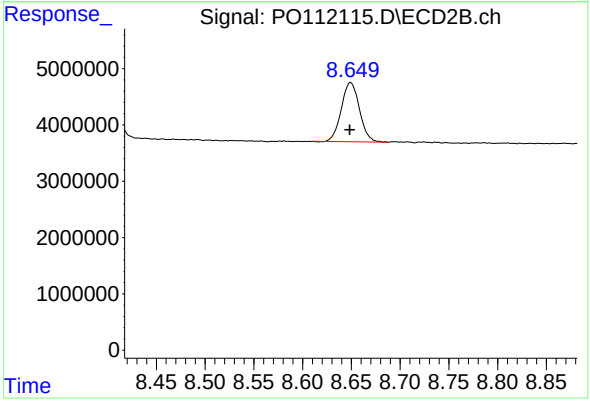
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 25586379
Conc: 3.78 ng/ml



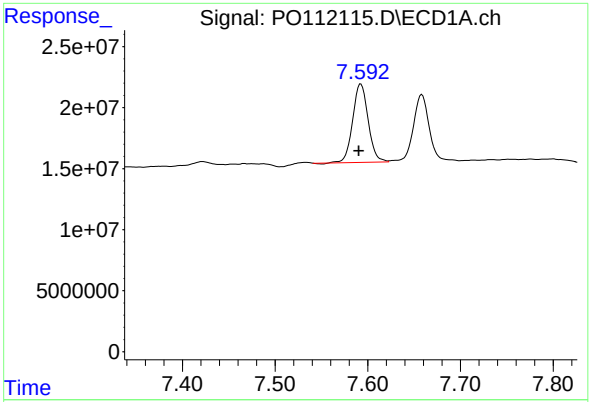
#2 Decachlorobiphenyl

R.T.: 8.703 min
Delta R.T.: 0.002 min
Response: 53087700
Conc: 3.84 ng/ml



#2 Decachlorobiphenyl

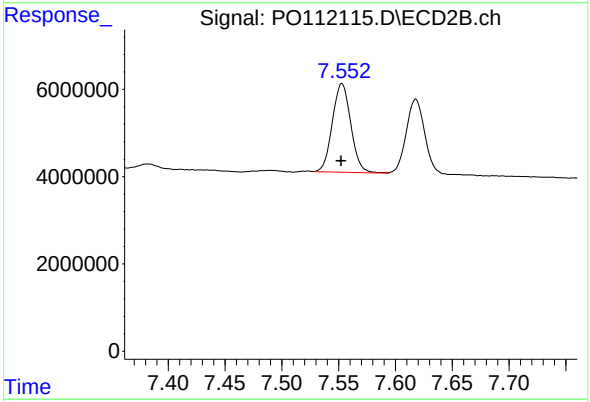
R.T.: 8.649 min
Delta R.T.: 0.001 min
Response: 13607316
Conc: 4.18 ng/ml



#41 AR-1268-1

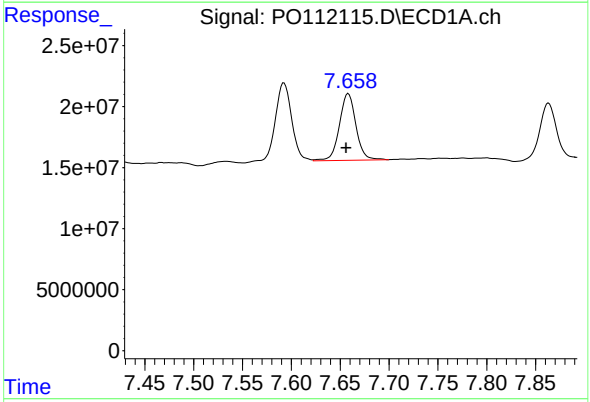
R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 74576160
Conc: 38.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



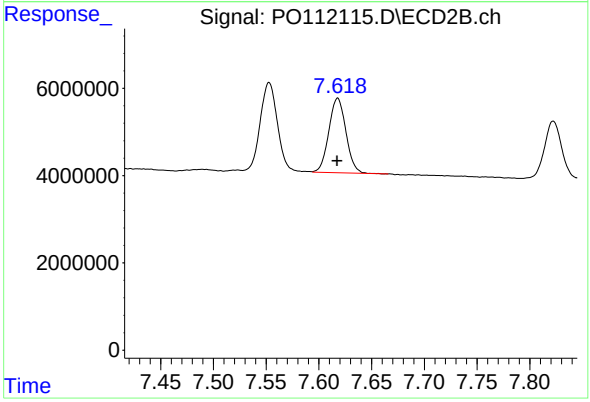
#41 AR-1268-1

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 23025590
Conc: 46.10 ng/ml



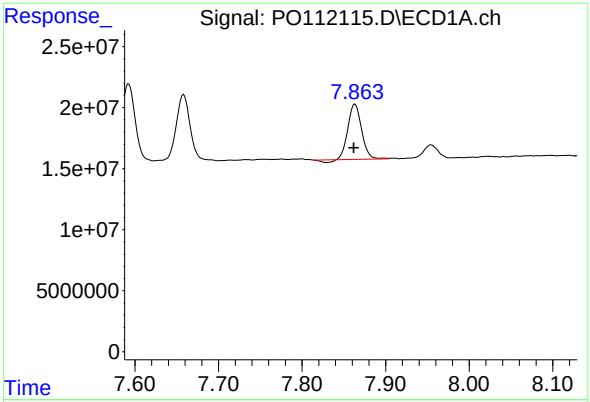
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.002 min
Response: 64617530
Conc: 39.77 ng/ml



#42 AR-1268-2

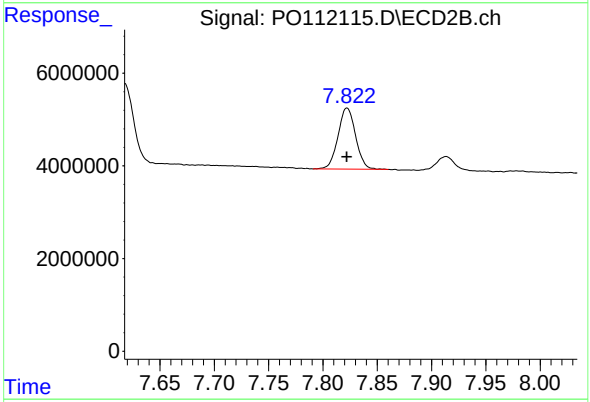
R.T.: 7.618 min
Delta R.T.: 0.000 min
Response: 19259498
Conc: 45.30 ng/ml



#43 AR-1268-3

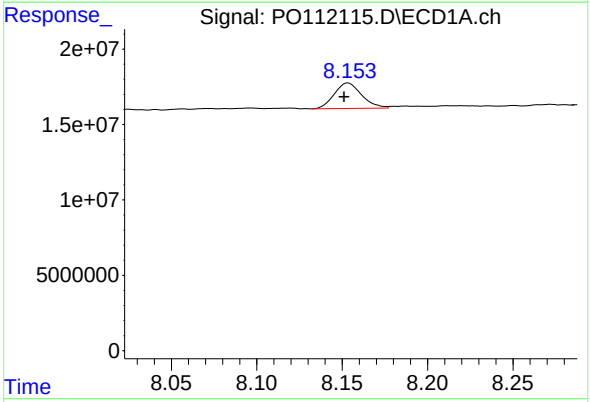
R.T.: 7.863 min
Delta R.T.: 0.002 min
Response: 50498893
Conc: 37.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



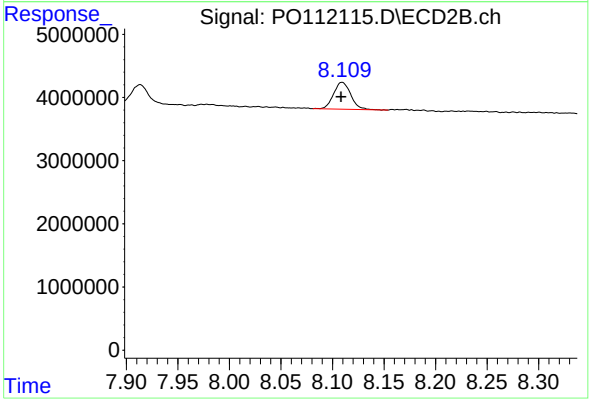
#43 AR-1268-3

R.T.: 7.822 min
Delta R.T.: 0.000 min
Response: 14843274
Conc: 46.04 ng/ml



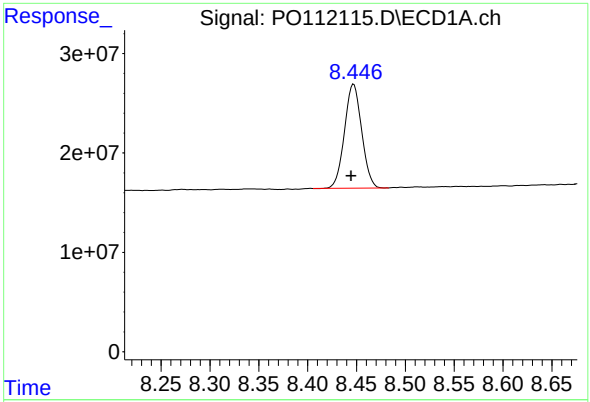
#44 AR-1268-4

R.T.: 8.154 min
Delta R.T.: 0.002 min
Response: 18826938
Conc: 36.63 ng/ml



#44 AR-1268-4

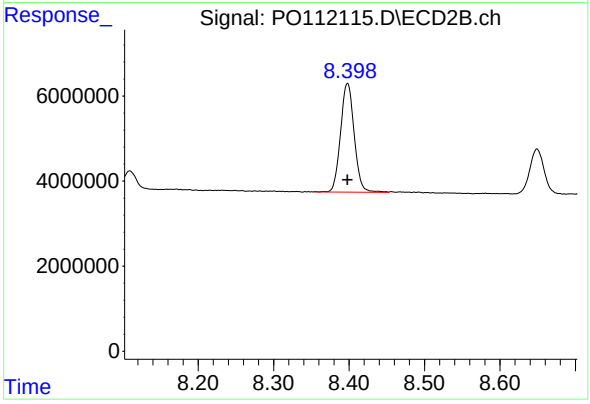
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 4939808
Conc: 42.74 ng/ml



#45 AR-1268-5

R.T.: 8.447 min
Delta R.T.: 0.002 min
Response: 127752115
Conc: 37.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 32095228
Conc: 42.86 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.666	521.7E6	329.9E6	52.728	51.784	
2)	SA Decachlor...	8.702	8.649	362.0E6	87909411	52.944	51.007	
	Target Compounds							
3)	L1 AR-1016-1	4.760	4.761	175.3E6	164.0E6	515.284	736.075	#
4)	L1 AR-1016-2	4.779	4.792	259.8E6	11895525	522.388	36.146	#
5)	L1 AR-1016-3	4.836	4.936	165.0E6	85046592	509.600	500.666	
6)	L1 AR-1016-4	4.956	4.979	132.8E6	68299058	517.300	497.707	
7)	L1 AR-1016-5	5.213	5.190	137.8E6	89116759	503.683	516.768	
8)	L2 AR-1221-1	3.883	3.873	15947935	11246969	136.758	136.666	
9)	L2 AR-1221-2	3.971	3.961	21794231	16662019	276.434	280.725	
10)	L2 AR-1221-3	4.046	4.036	87428058	61302785	324.310	324.737	
11)	L3 AR-1232-1	4.046	4.036	87428058	61302785	407.272	408.415	
12)	L3 AR-1232-2	4.539	4.761	132.6E6	164.0E6	1166.980	1071.444	
13)	L3 AR-1232-3	4.779	4.936	259.8E6	85046592	1134.364	1126.355	
14)	L3 AR-1232-4	4.956	5.020	132.8E6	81017586	1162.259	1227.759	
15)	L3 AR-1232-5	4.998	5.190	102.3E6	89116759	1393.978	1200.065	
16)	L4 AR-1242-1	4.760	4.742	175.3E6	109.9E6	605.102	566.708	
17)	L4 AR-1242-2	4.779	4.761	259.8E6	164.0E6	609.926	578.865	
18)	L4 AR-1242-3	4.836	4.936	165.0E6	85046592	602.752	583.801	
19)	L4 AR-1242-4	4.956	5.020	132.8E6	81017586	589.577	571.187	
20)	L4 AR-1242-5	5.607	5.540	29284624	86955161	138.350	478.475	#
21)	L5 AR-1248-1	4.760	4.742	175.3E6	109.9E6	772.411	711.683	
22)	L5 AR-1248-2	4.998	4.979	102.3E6	68299058	331.852	331.923	
23)	L5 AR-1248-3	5.213	5.020	137.8E6	81017586	338.404	377.180	
24)	L5 AR-1248-4	5.566	5.190	135.0E6	89116759	233.845	344.444	#
25)	L5 AR-1248-5	5.607	5.581	29284624	22496977	75.030	89.791	
26)	L6 AR-1254-1	5.566	5.540	135.0E6	86955161	219.411	228.128	
27)	L6 AR-1254-2	5.715	5.688	90019733	62065631	168.046	187.051	
28)	L6 AR-1254-3	6.135	6.105	227.7E6	108.7E6	271.151	225.457	
29)	L6 AR-1254-4	6.347	6.316	25832693	12233696	53.704	46.927	
30)	L6 AR-1254-5	6.767	6.732	353.7E6	156.0E6	456.992	437.848	
31)	L7 AR-1260-1	6.250	6.220	257.1E6	138.6E6	512.929	493.882	
32)	L7 AR-1260-2	6.440	6.408	380.3E6	165.9E6	515.168	487.864	
33)	L7 AR-1260-3	6.806	6.559	331.7E6	128.1E6	506.110	464.787	
34)	L7 AR-1260-4	7.065	7.065	235.9E6	12589968	541.983	62.747	#
35)	L7 AR-1260-5	7.308	7.271	694.1E6	218.4E6	549.787	487.907	
36)	L8 AR-1262-1	6.806	6.771	331.7E6	137.5E6	324.704	337.557	
37)	L8 AR-1262-2	7.308	7.271	694.1E6	218.4E6	423.410	426.203	
38)	L8 AR-1262-3	7.592	7.552	161.8E6	44636216	252.033	248.636	
39)	L8 AR-1262-4	7.655	7.616	445.6E6	119.2E6	415.901	409.608	
40)	L8 AR-1262-5	8.153	8.109	146.1E6	33885824	325.982	320.332	
41)	L9 AR-1268-1	7.592	7.552	161.8E6	44636216	88.056	90.825	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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
42)	L9 AR-1268-2	7.655	7.616	445.6E6	119.2E6	286.087	285.635
43)	L9 AR-1268-3	7.863	7.821	2769823	2396044	2.131	7.573 #
44)	L9 AR-1268-4	8.153	8.109	146.1E6	33885824	304.087	303.876
45)	L9 AR-1268-5	8.446	8.398	35455171	8565740	10.863	11.790

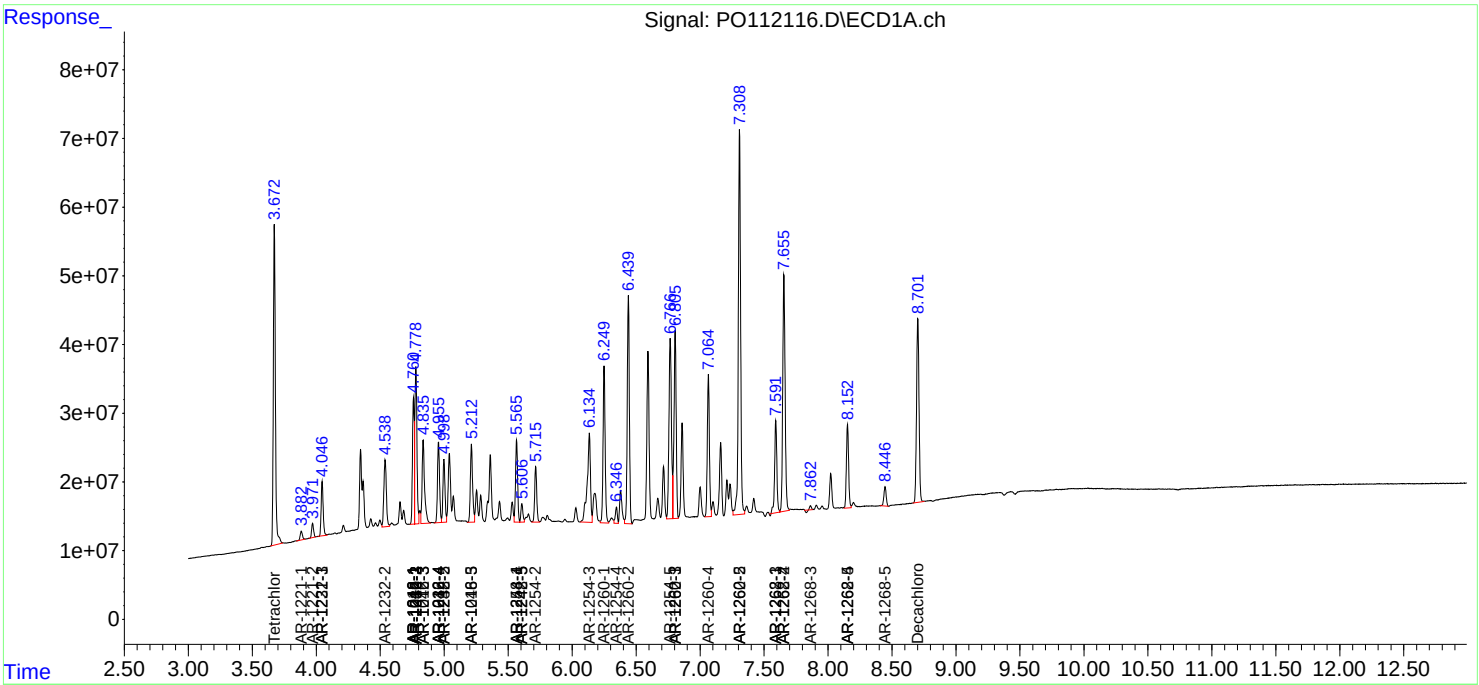
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

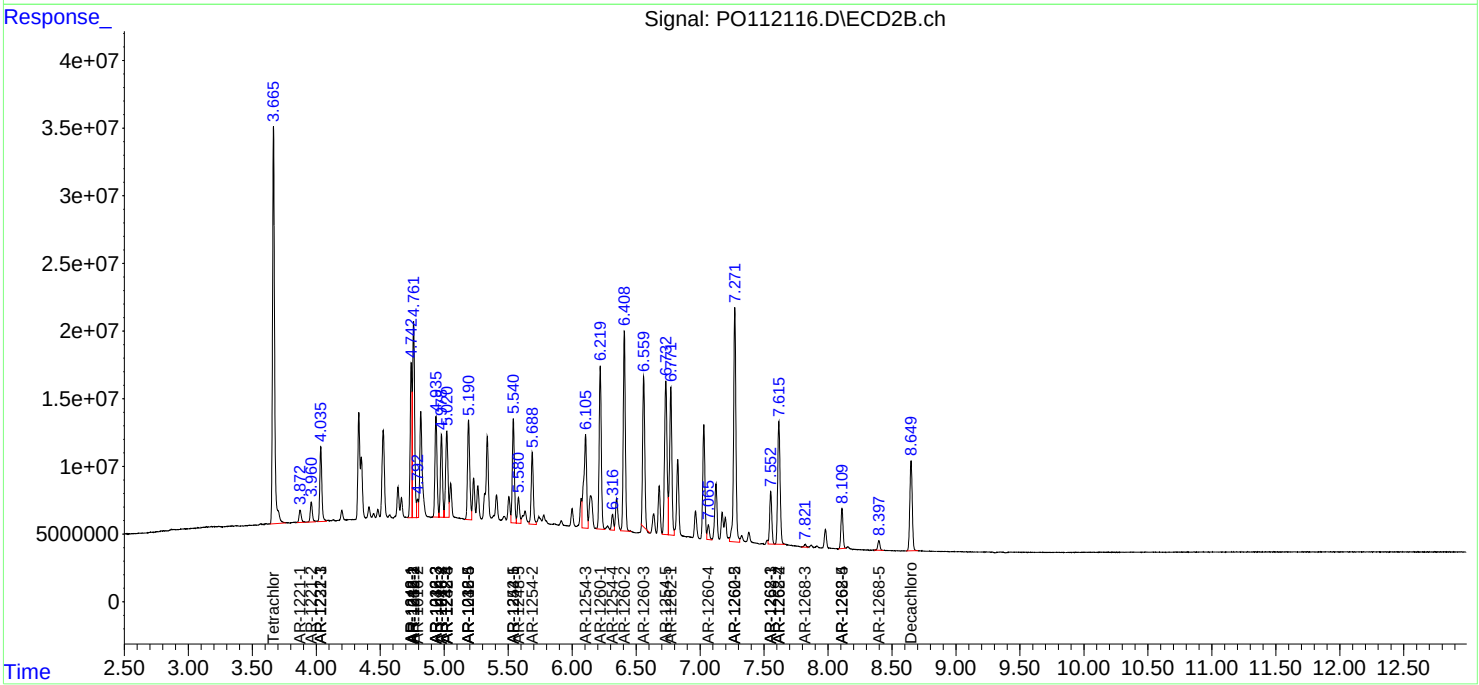
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : PO070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

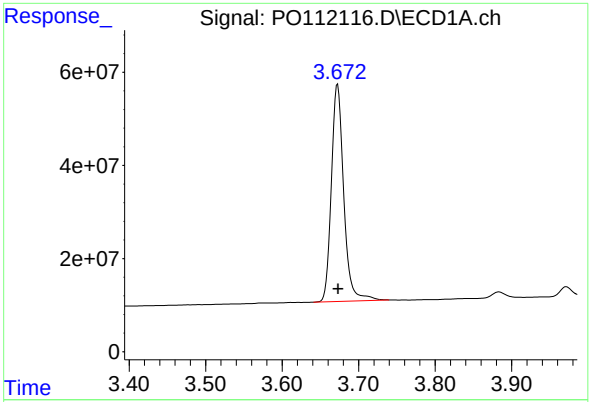
Instrument :
ECD_O
ClientSampleId :
ICVPO070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



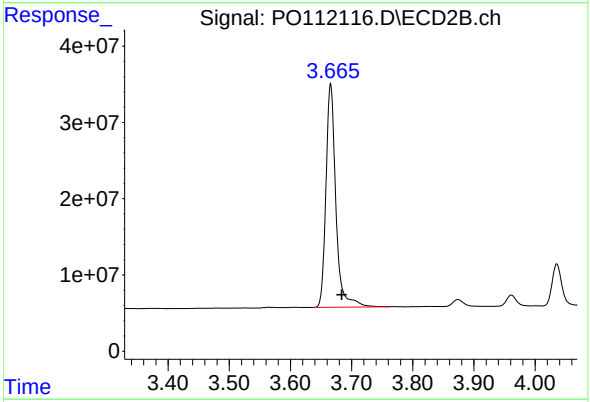




#1 Tetrachloro-m-xylene

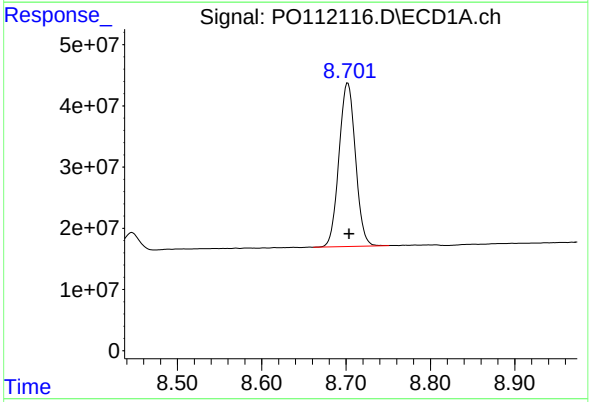
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 521724349
Conc: 52.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



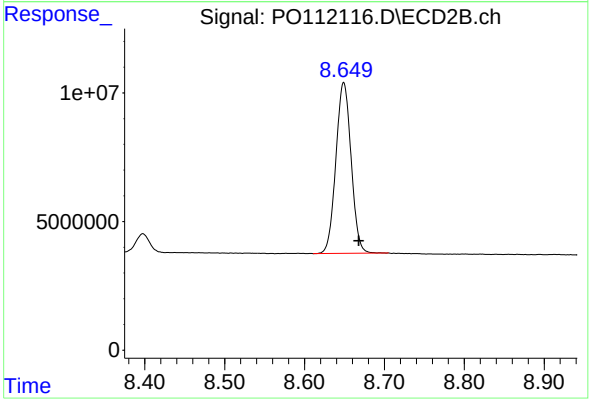
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 329918340
Conc: 51.78 ng/ml



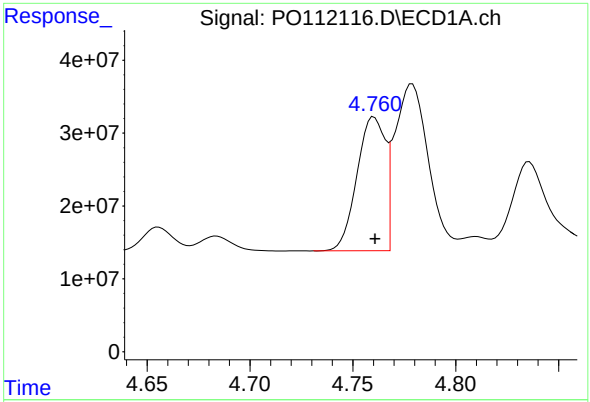
#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 361977757
Conc: 52.94 ng/ml



#2 Decachlorobiphenyl

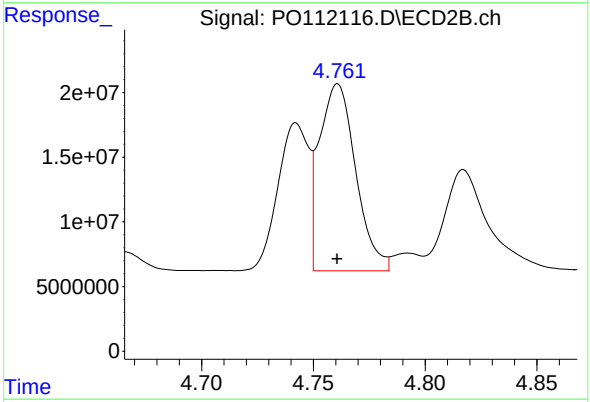
R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 87909411
Conc: 51.01 ng/ml



#3 AR-1016-1

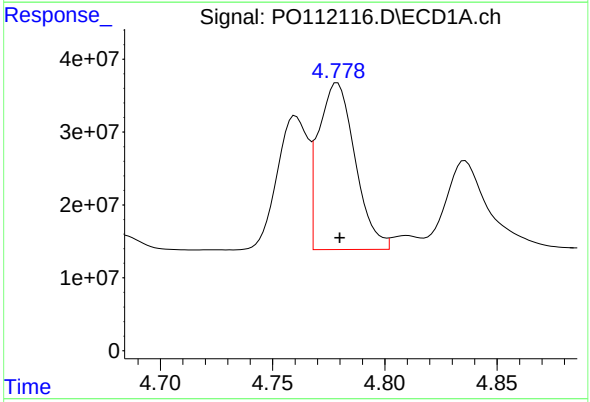
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 175259674
Conc: 515.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



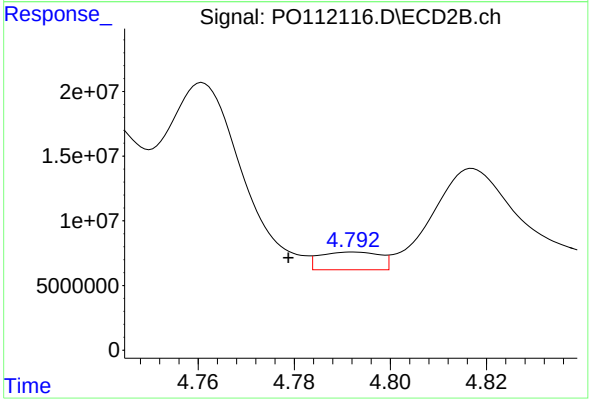
#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 164022813
Conc: 736.07 ng/ml



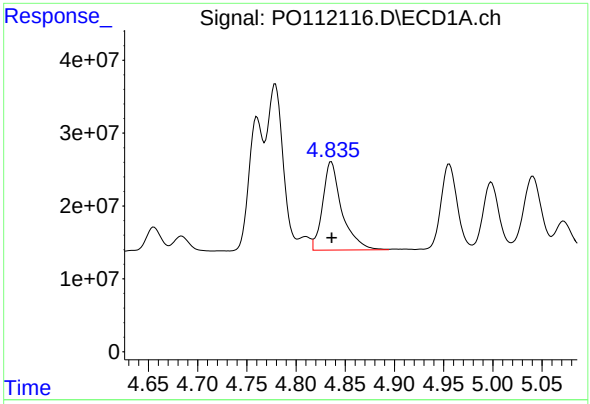
#4 AR-1016-2

R.T.: 4.779 min
Delta R.T.: -0.001 min
Response: 259779428
Conc: 522.39 ng/ml



#4 AR-1016-2

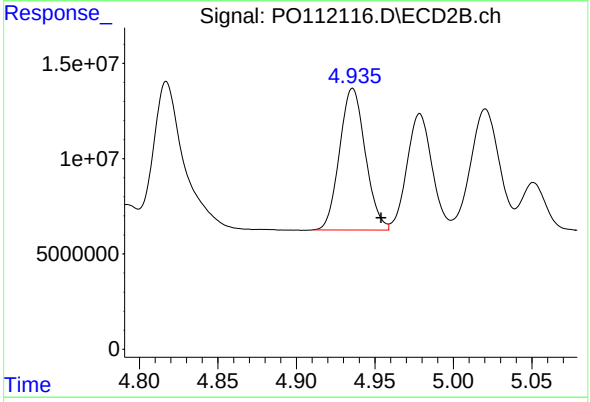
R.T.: 4.792 min
Delta R.T.: 0.013 min
Response: 11895525
Conc: 36.15 ng/ml



#5 AR-1016-3

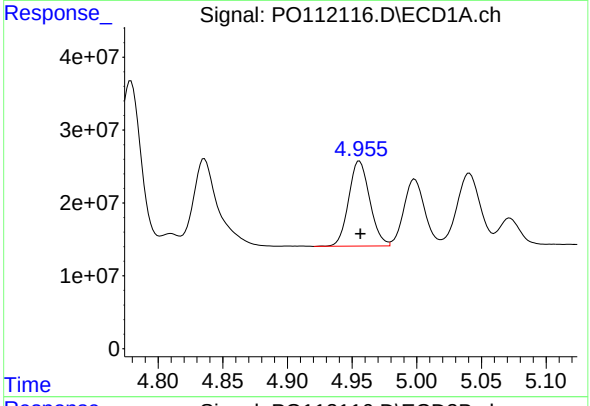
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 164964568
Conc: 509.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



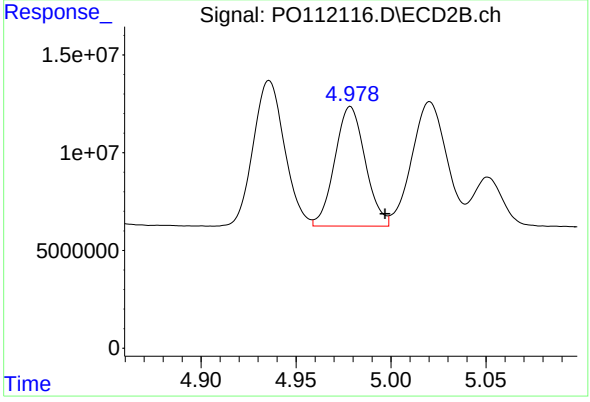
#5 AR-1016-3

R.T.: 4.936 min
Delta R.T.: -0.018 min
Response: 85046592
Conc: 500.67 ng/ml



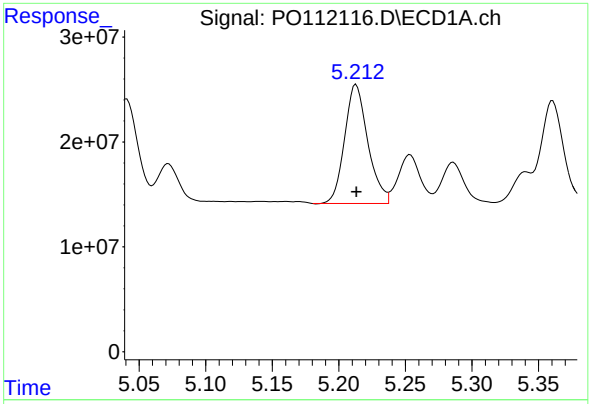
#6 AR-1016-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 132842340
Conc: 517.30 ng/ml



#6 AR-1016-4

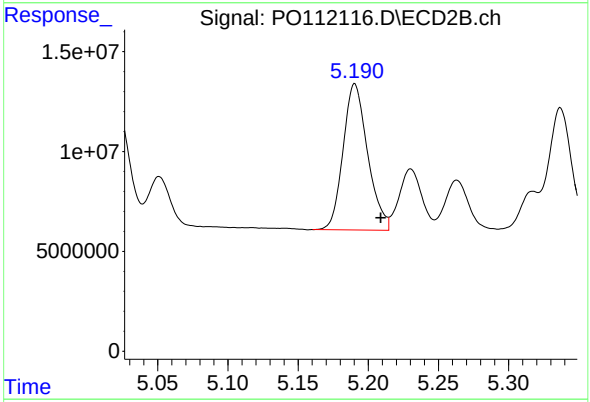
R.T.: 4.979 min
Delta R.T.: -0.018 min
Response: 68299058
Conc: 497.71 ng/ml



#7 AR-1016-5

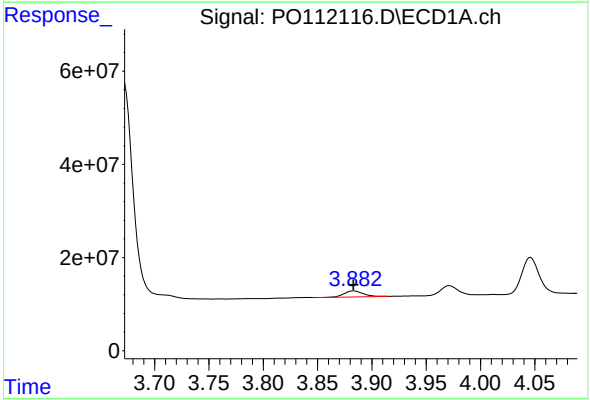
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 137838808
Conc: 503.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



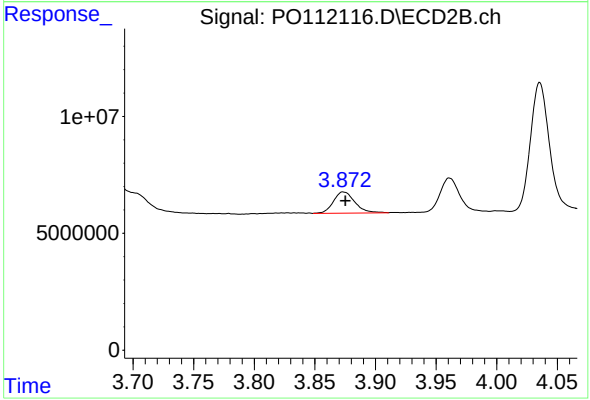
#7 AR-1016-5

R.T.: 5.190 min
Delta R.T.: -0.018 min
Response: 89116759
Conc: 516.77 ng/ml



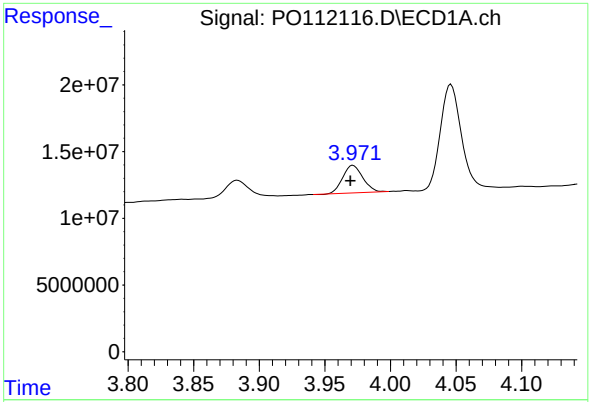
#8 AR-1221-1

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 15947935
Conc: 136.76 ng/ml



#8 AR-1221-1

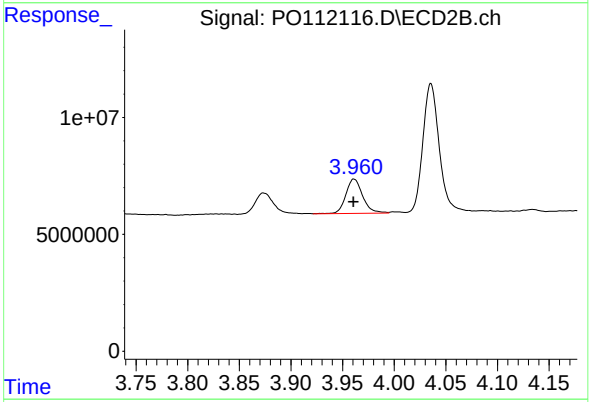
R.T.: 3.873 min
Delta R.T.: -0.002 min
Response: 11246969
Conc: 136.67 ng/ml



#9 AR-1221-2

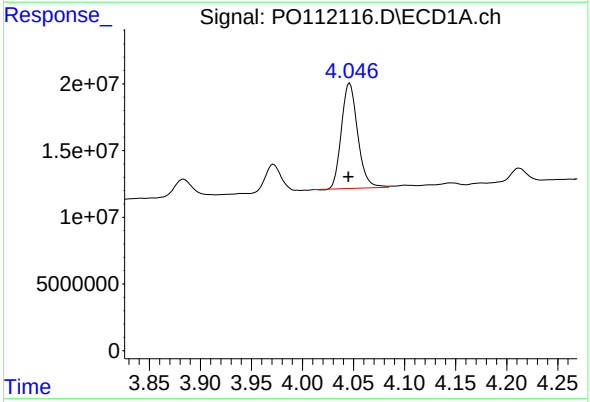
R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 21794231
Conc: 276.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



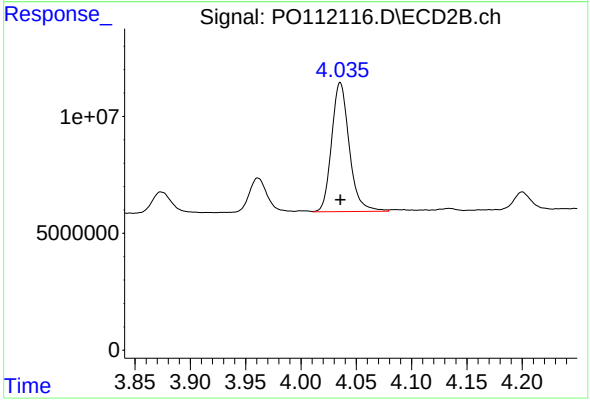
#9 AR-1221-2

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 16662019
Conc: 280.72 ng/ml



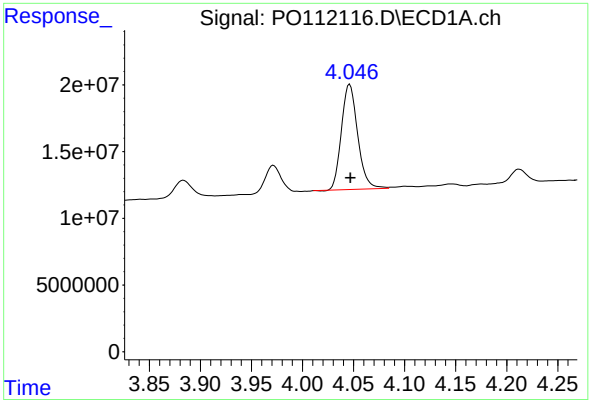
#10 AR-1221-3

R.T.: 4.046 min
Delta R.T.: 0.001 min
Response: 87428058
Conc: 324.31 ng/ml



#10 AR-1221-3

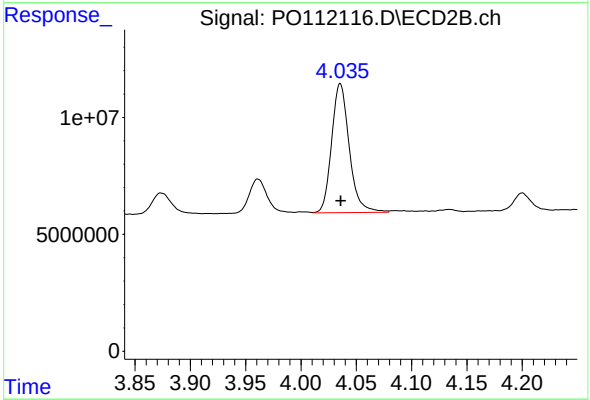
R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 61302785
Conc: 324.74 ng/ml



#11 AR-1232-1

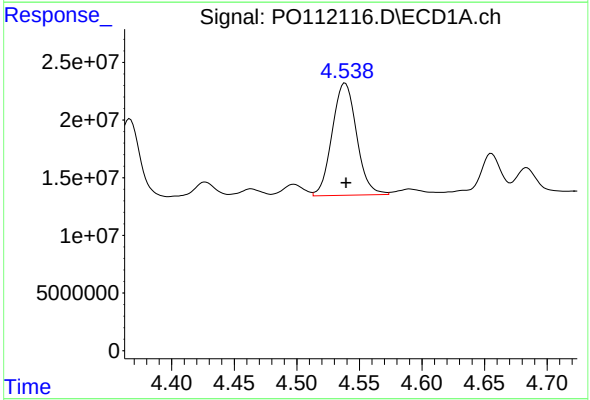
R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 87428058
Conc: 407.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



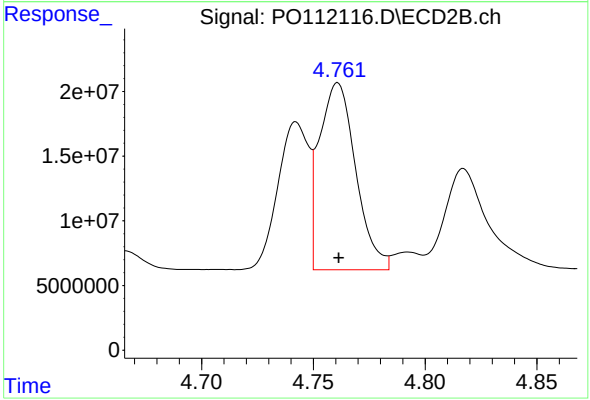
#11 AR-1232-1

R.T.: 4.036 min
Delta R.T.: 0.000 min
Response: 61302785
Conc: 408.41 ng/ml



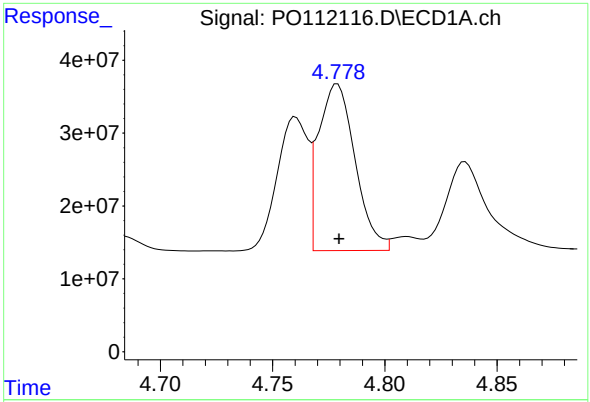
#12 AR-1232-2

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 132612101
Conc: 1166.98 ng/ml



#12 AR-1232-2

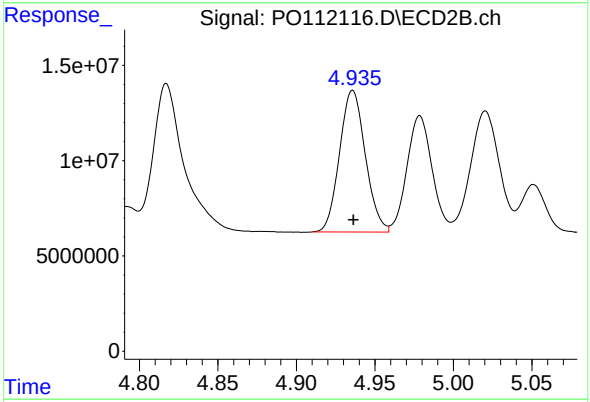
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 164022813
Conc: 1071.44 ng/ml



#13 AR-1232-3

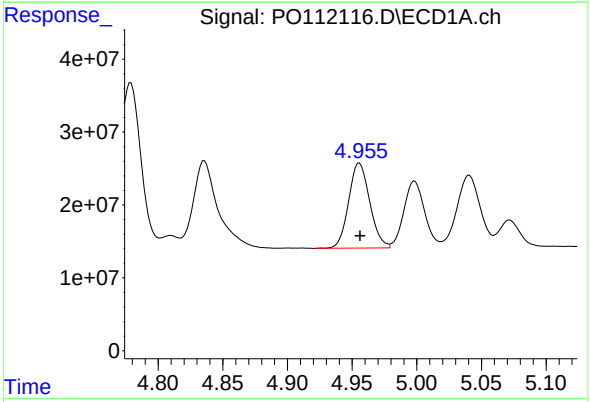
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 259779428
Conc: 1134.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



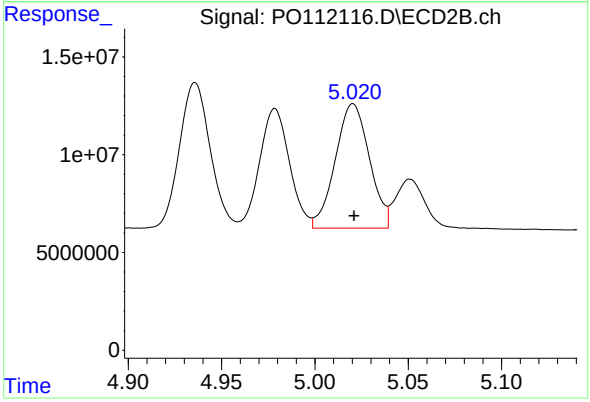
#13 AR-1232-3

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 85046592
Conc: 1126.35 ng/ml



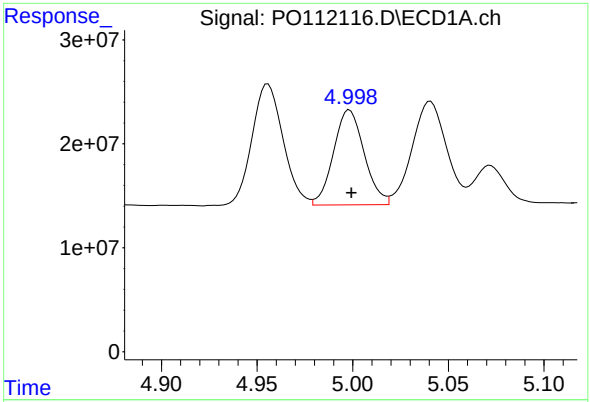
#14 AR-1232-4

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 132842340
Conc: 1162.26 ng/ml



#14 AR-1232-4

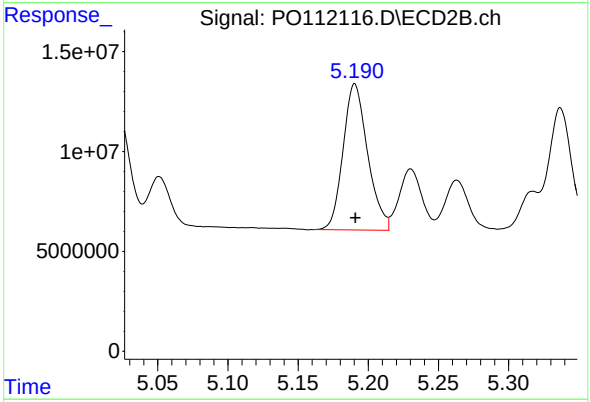
R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 81017586
Conc: 1227.76 ng/ml



#15 AR-1232-5

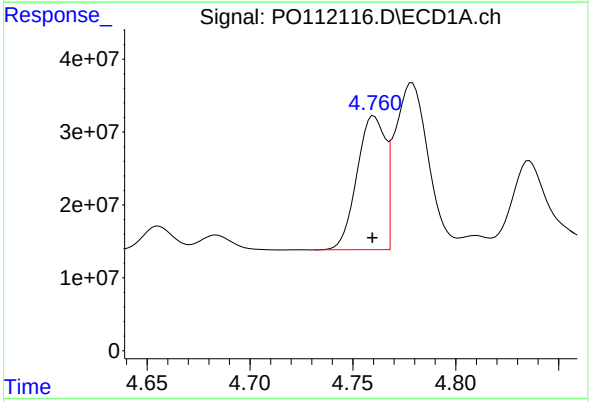
R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 102318301
Conc: 1393.98 ng/m

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



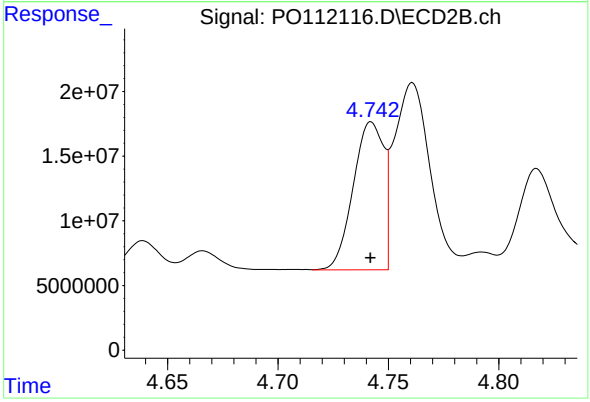
#15 AR-1232-5

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 89116759
Conc: 1200.07 ng/ml



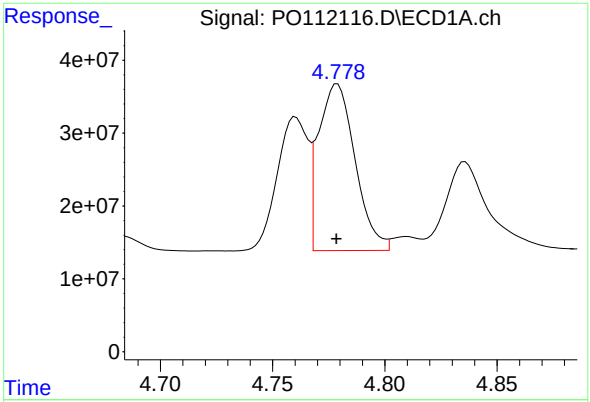
#16 AR-1242-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 175259674
Conc: 605.10 ng/ml



#16 AR-1242-1

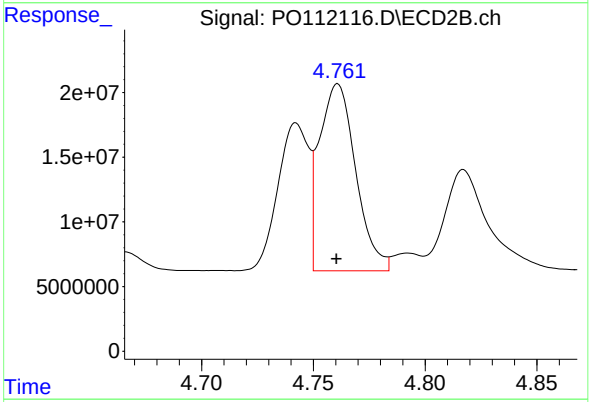
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 109861140
Conc: 566.71 ng/ml



#17 AR-1242-2

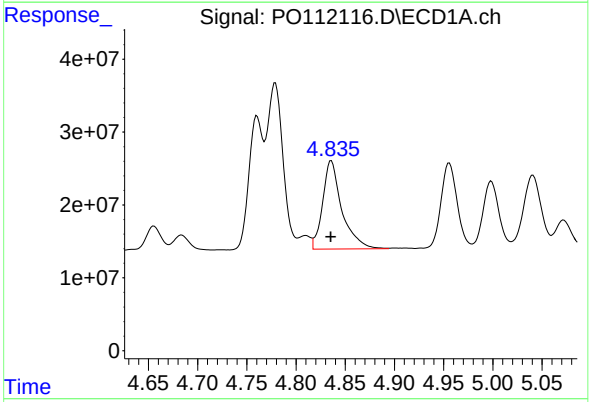
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 259779428
Conc: 609.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



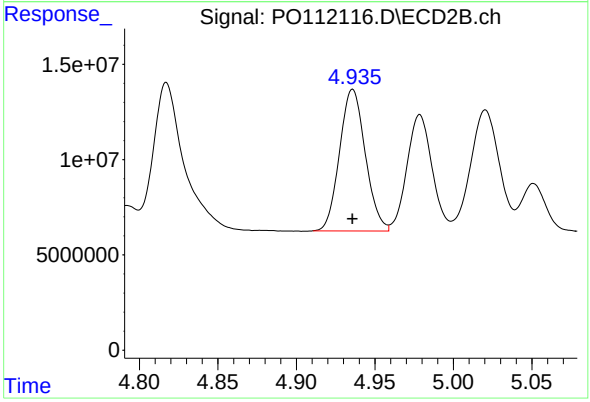
#17 AR-1242-2

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 164022813
Conc: 578.87 ng/ml



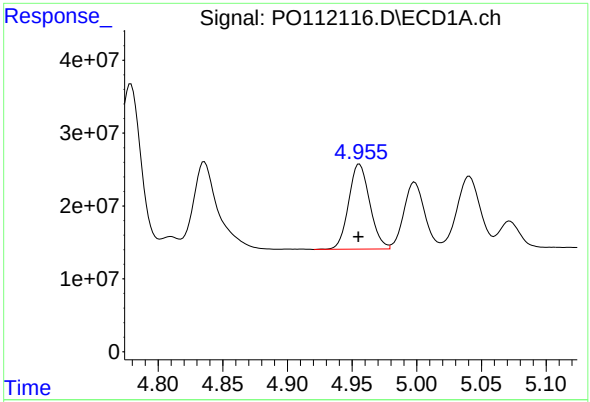
#18 AR-1242-3

R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 164964568
Conc: 602.75 ng/ml



#18 AR-1242-3

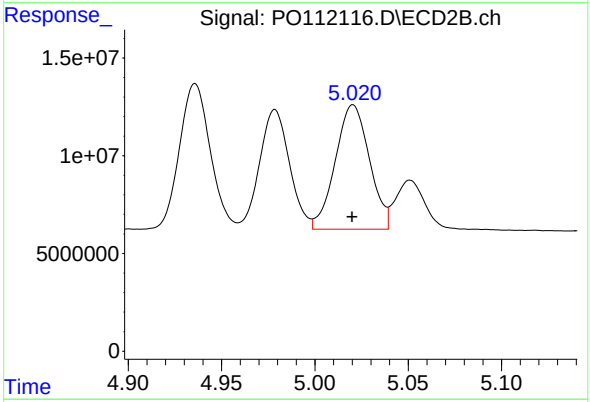
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 85046592
Conc: 583.80 ng/ml



#19 AR-1242-4

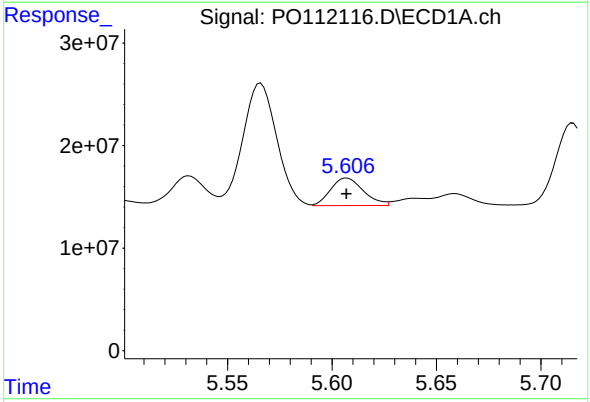
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 132842340
Conc: 589.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



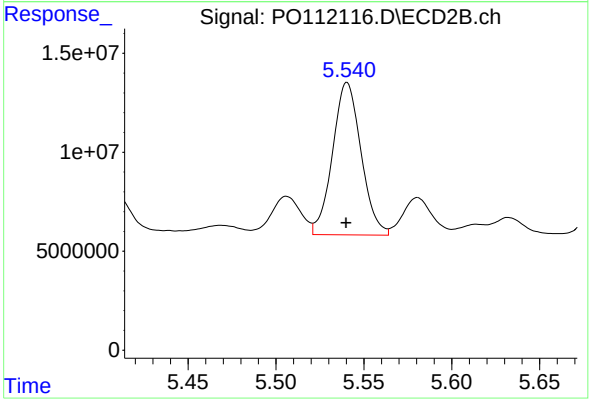
#19 AR-1242-4

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 81017586
Conc: 571.19 ng/ml



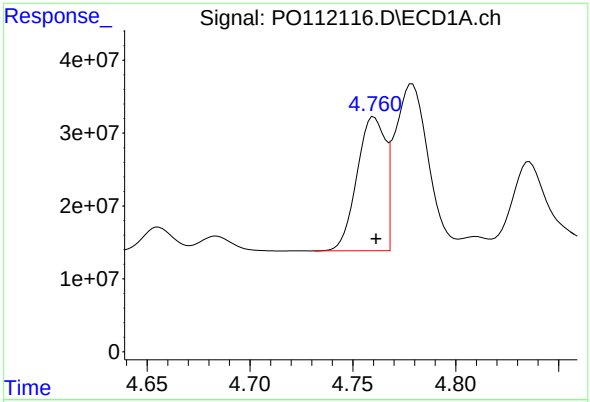
#20 AR-1242-5

R.T.: 5.607 min
Delta R.T.: 0.000 min
Response: 29284624
Conc: 138.35 ng/ml



#20 AR-1242-5

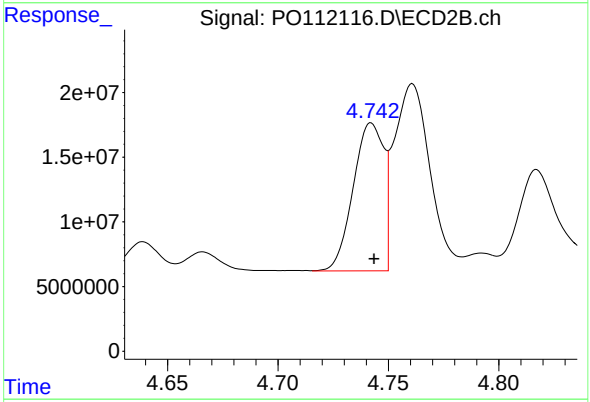
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 86955161
Conc: 478.47 ng/ml



#21 AR-1248-1

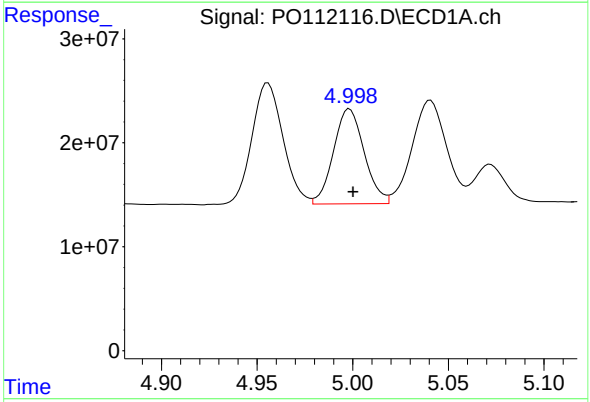
R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 175259674
Conc: 772.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



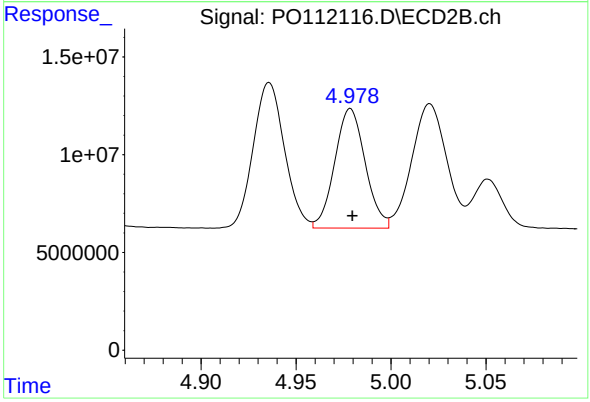
#21 AR-1248-1

R.T.: 4.742 min
Delta R.T.: -0.001 min
Response: 109861140
Conc: 711.68 ng/ml



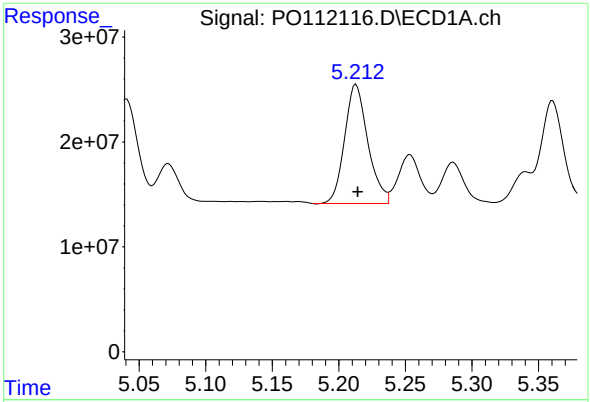
#22 AR-1248-2

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 102318301
Conc: 331.85 ng/ml



#22 AR-1248-2

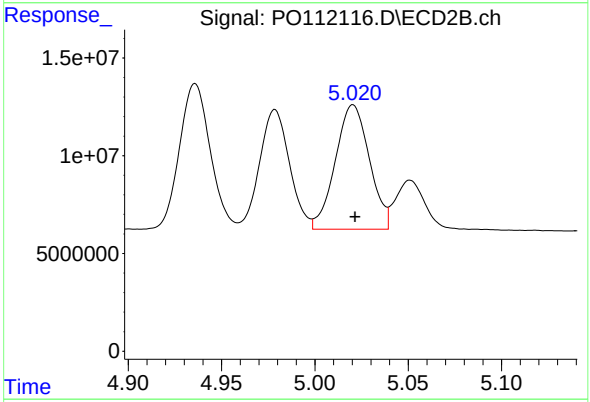
R.T.: 4.979 min
Delta R.T.: -0.001 min
Response: 68299058
Conc: 331.92 ng/ml



#23 AR-1248-3

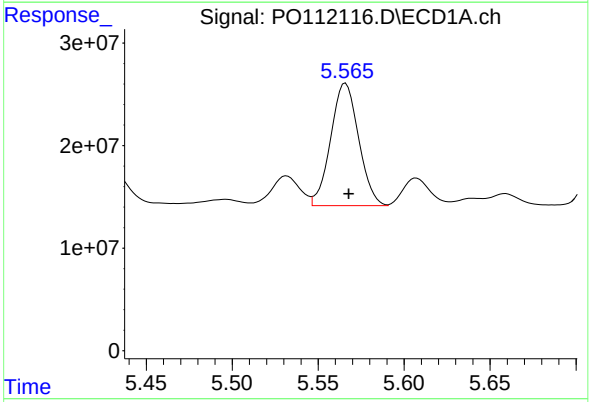
R.T.: 5.213 min
Delta R.T.: -0.001 min
Response: 137838808
Conc: 338.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



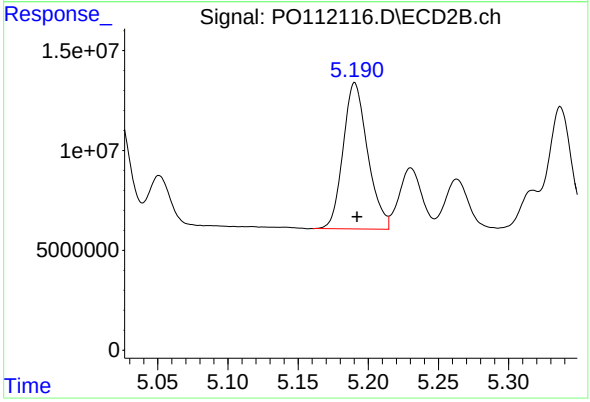
#23 AR-1248-3

R.T.: 5.020 min
Delta R.T.: -0.001 min
Response: 81017586
Conc: 377.18 ng/ml



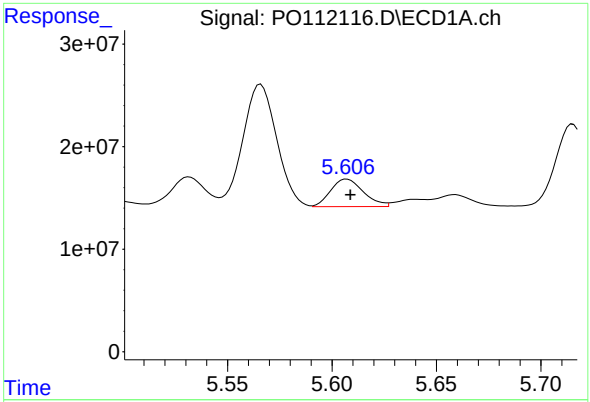
#24 AR-1248-4

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 134962836
Conc: 233.84 ng/ml



#24 AR-1248-4

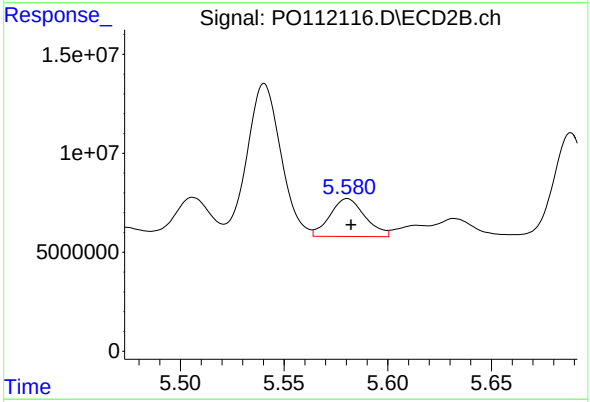
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 89116759
Conc: 344.44 ng/ml



#25 AR-1248-5

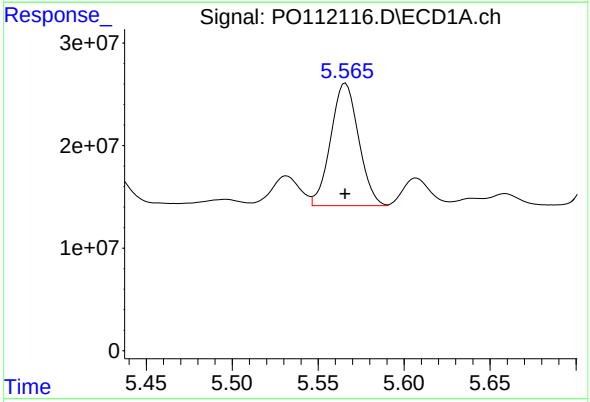
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 29284624
Conc: 75.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



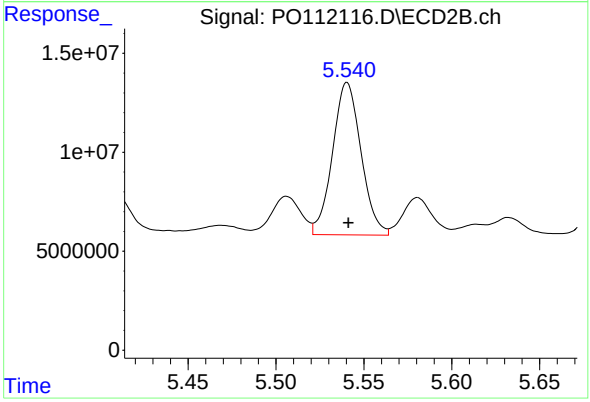
#25 AR-1248-5

R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 22496977
Conc: 89.79 ng/ml



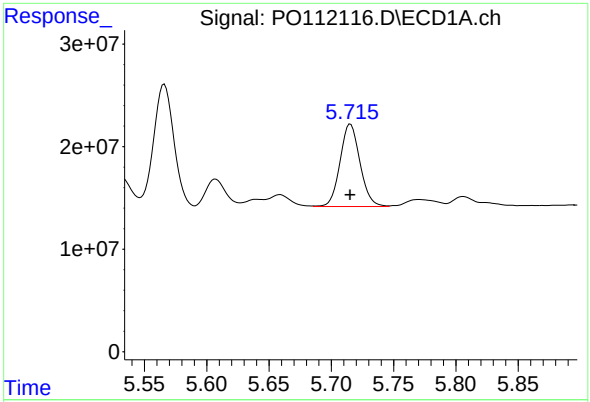
#26 AR-1254-1

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 134962836
Conc: 219.41 ng/ml



#26 AR-1254-1

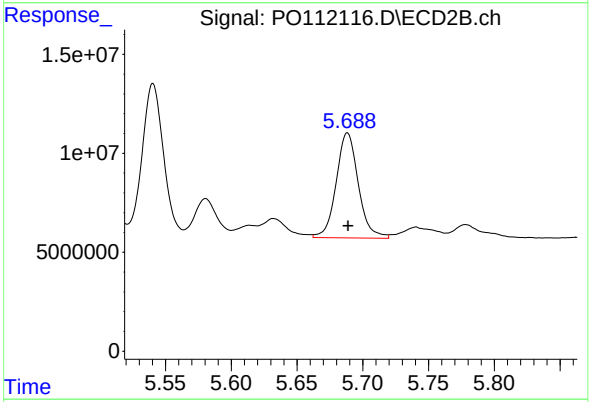
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 86955161
Conc: 228.13 ng/ml



#27 AR-1254-2

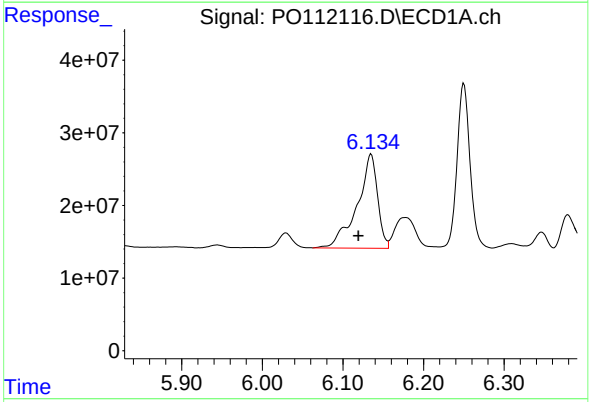
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 90019733
Conc: 168.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



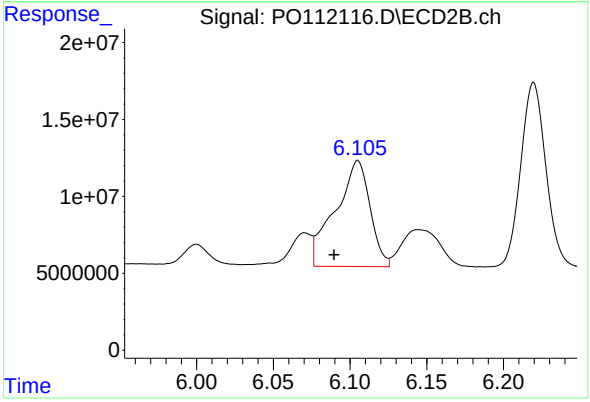
#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 62065631
Conc: 187.05 ng/ml



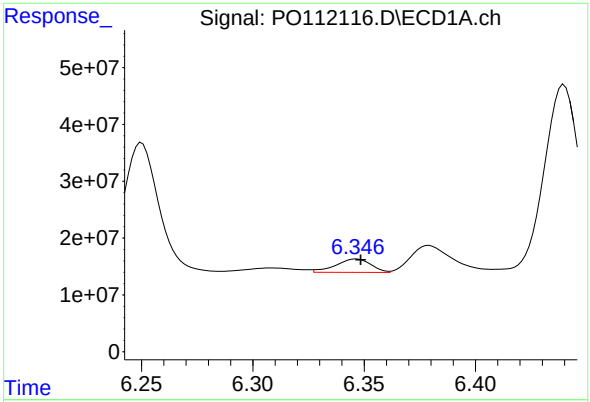
#28 AR-1254-3

R.T.: 6.135 min
Delta R.T.: 0.016 min
Response: 227652491
Conc: 271.15 ng/ml



#28 AR-1254-3

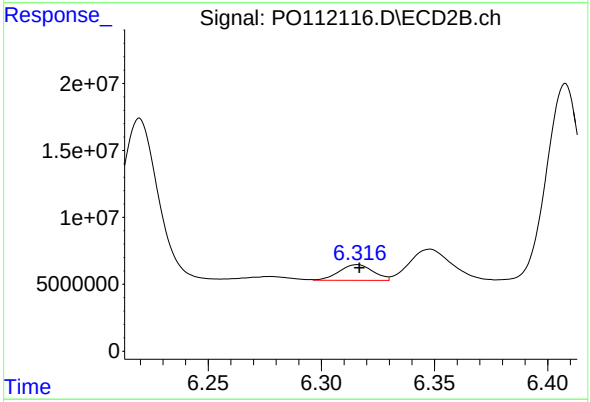
R.T.: 6.105 min
Delta R.T.: 0.015 min
Response: 108679730
Conc: 225.46 ng/ml



#29 AR-1254-4

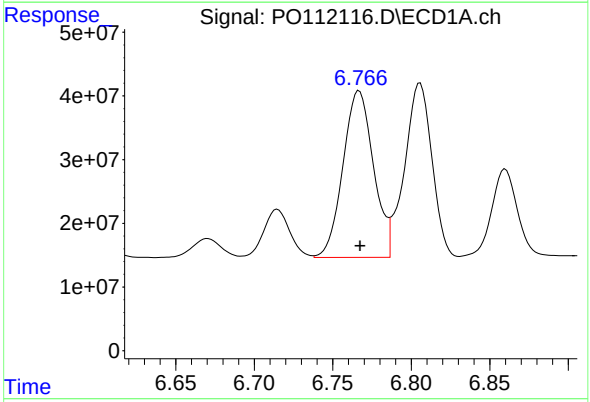
R.T.: 6.347 min
Delta R.T.: -0.002 min
Response: 25832693
Conc: 53.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



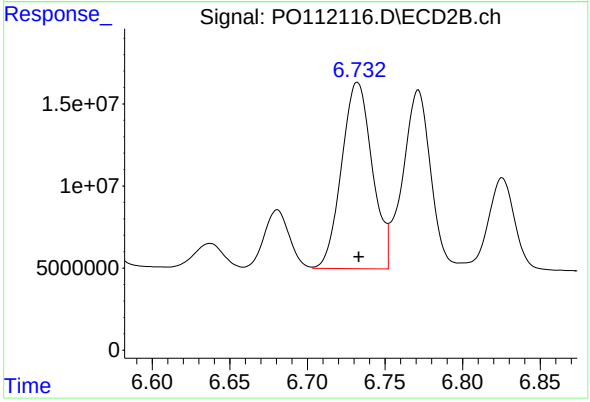
#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 12233696
Conc: 46.93 ng/ml



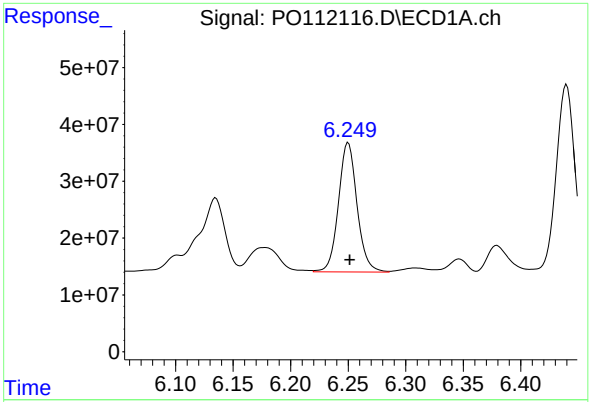
#30 AR-1254-5

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 353687794
Conc: 456.99 ng/ml



#30 AR-1254-5

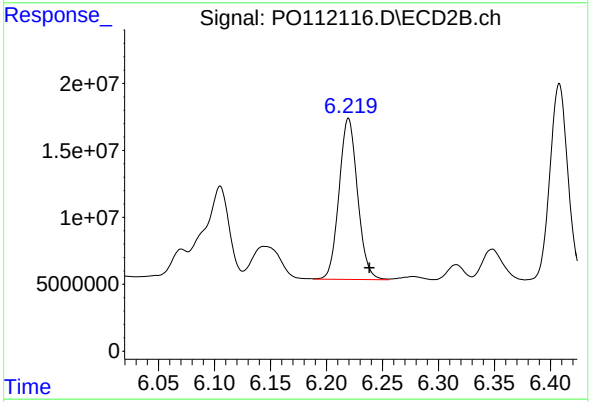
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 156029824
Conc: 437.85 ng/ml



#31 AR-1260-1

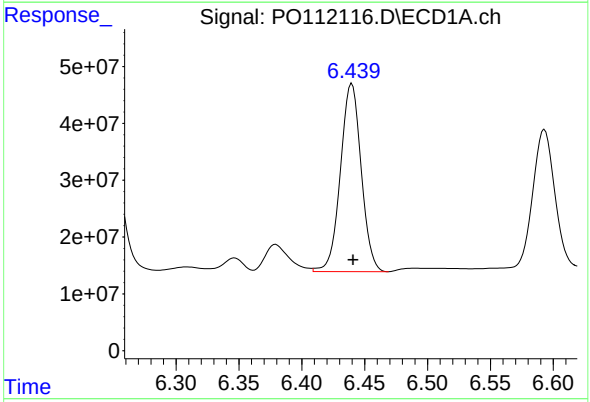
R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 257100150
Conc: 512.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



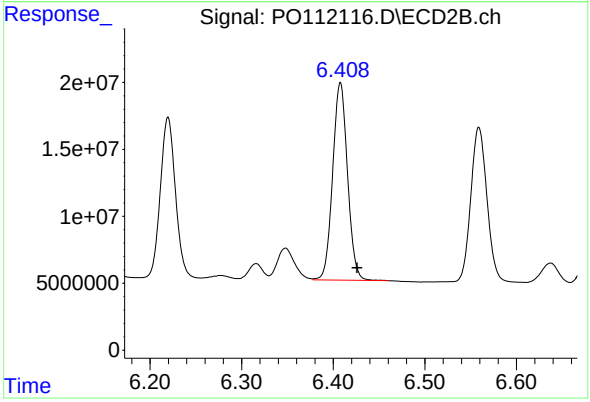
#31 AR-1260-1

R.T.: 6.220 min
Delta R.T.: -0.019 min
Response: 138564703
Conc: 493.88 ng/ml



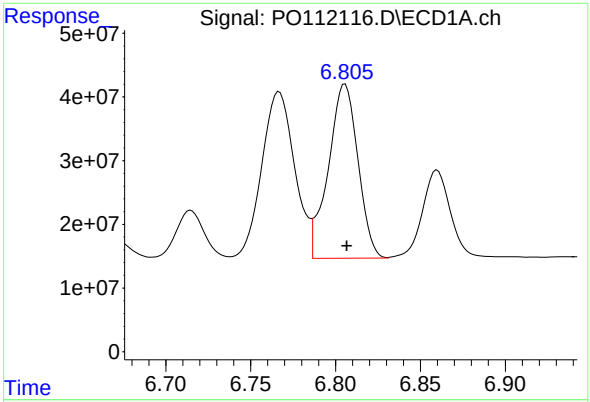
#32 AR-1260-2

R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 380263019
Conc: 515.17 ng/ml



#32 AR-1260-2

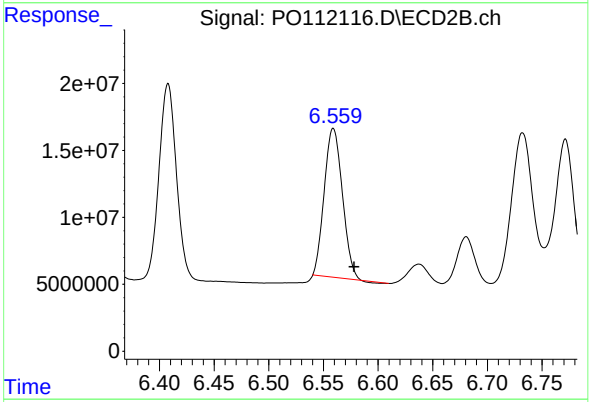
R.T.: 6.408 min
Delta R.T.: -0.018 min
Response: 165872316
Conc: 487.86 ng/ml



#33 AR-1260-3

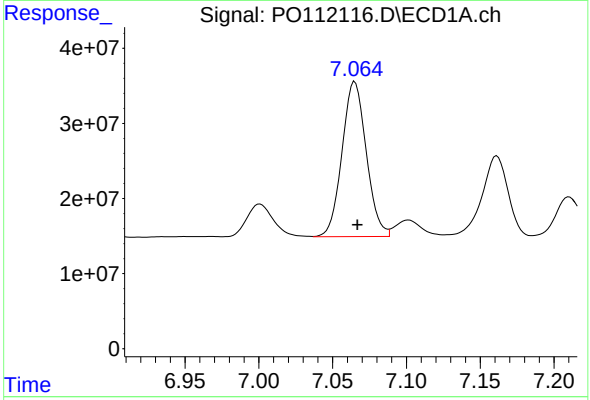
R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 331746197
Conc: 506.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



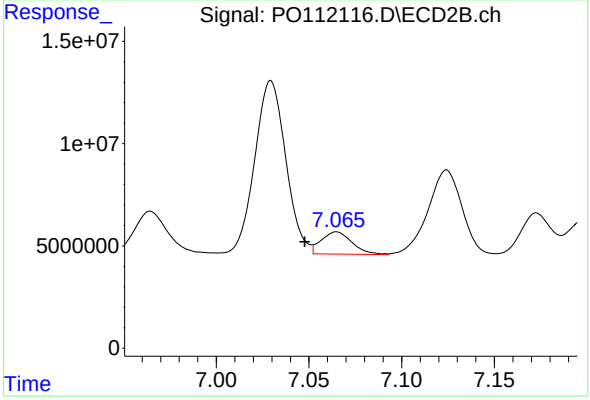
#33 AR-1260-3

R.T.: 6.559 min
Delta R.T.: -0.019 min
Response: 128088840
Conc: 464.79 ng/ml



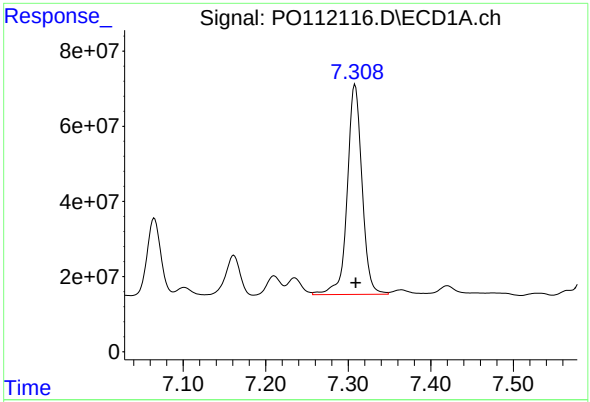
#34 AR-1260-4

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 235897061
Conc: 541.98 ng/ml



#34 AR-1260-4

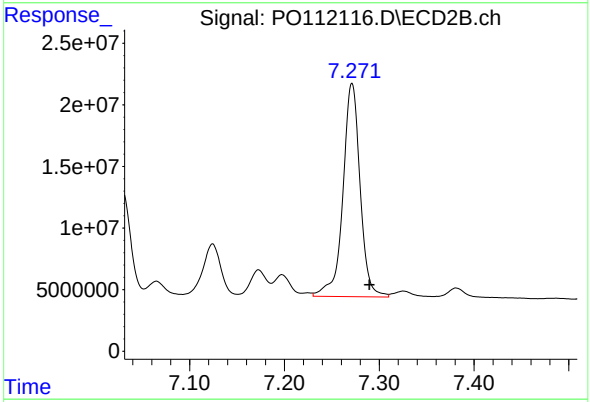
R.T.: 7.065 min
Delta R.T.: 0.017 min
Response: 12589968
Conc: 62.75 ng/ml



#35 AR-1260-5

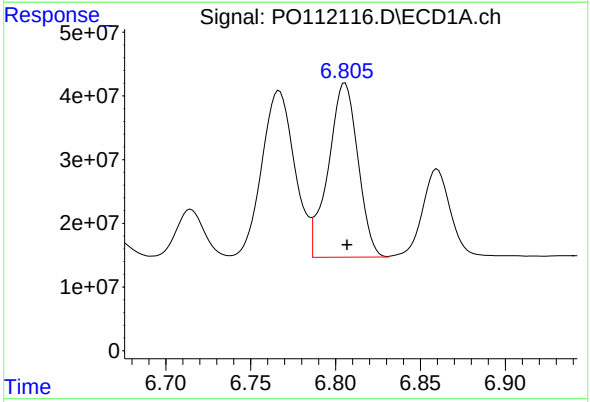
R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 694127135
Conc: 549.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



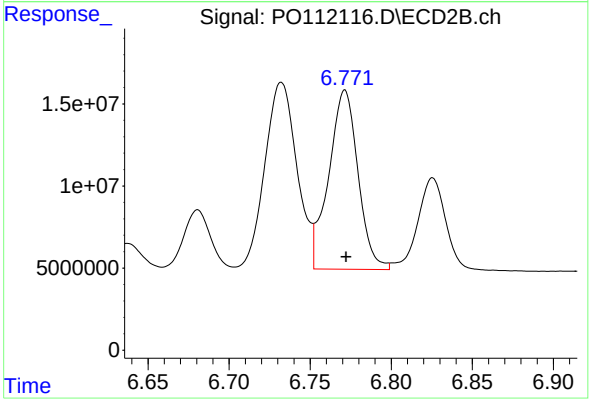
#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: -0.018 min
Response: 218449847
Conc: 487.91 ng/ml



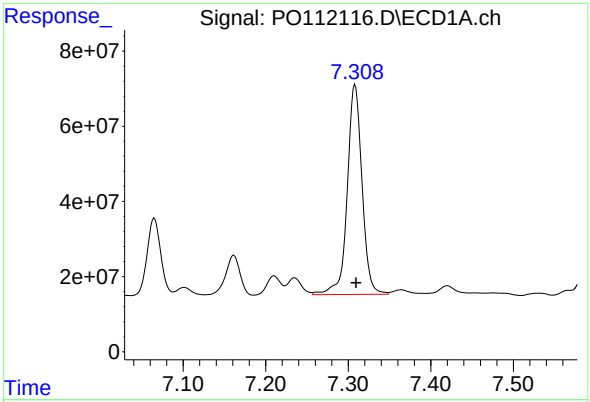
#36 AR-1262-1

R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 331746197
Conc: 324.70 ng/ml



#36 AR-1262-1

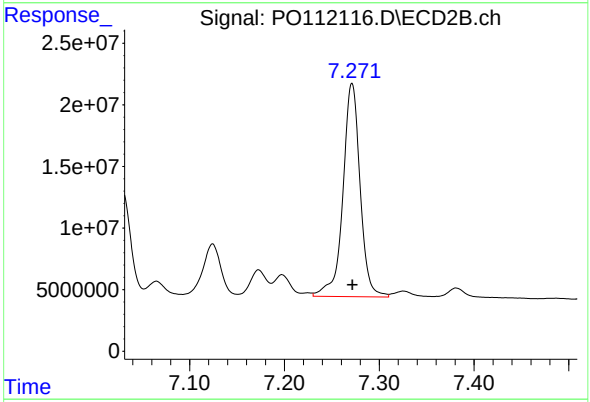
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 137493855
Conc: 337.56 ng/ml



#37 AR-1262-2

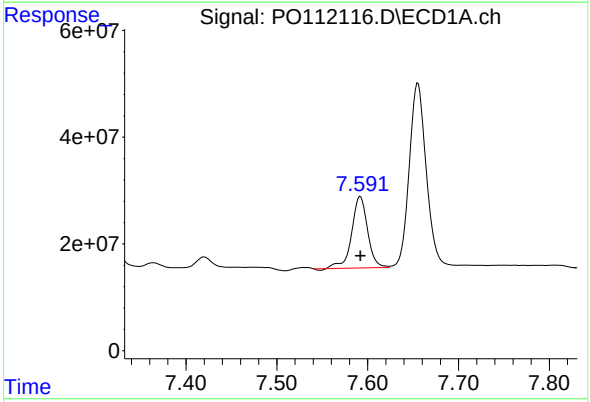
R.T.: 7.308 min
Delta R.T.: -0.001 min
Response: 694127135
Conc: 423.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



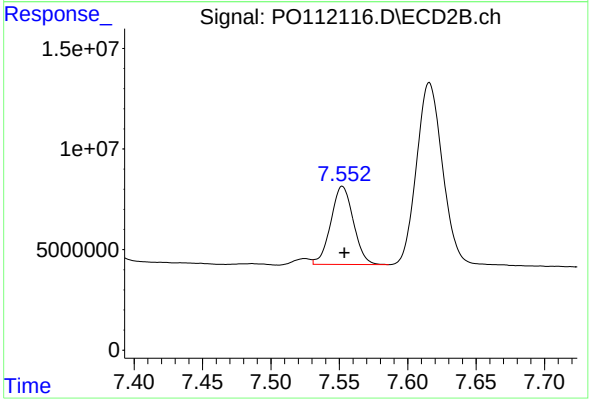
#37 AR-1262-2

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 218449847
Conc: 426.20 ng/ml



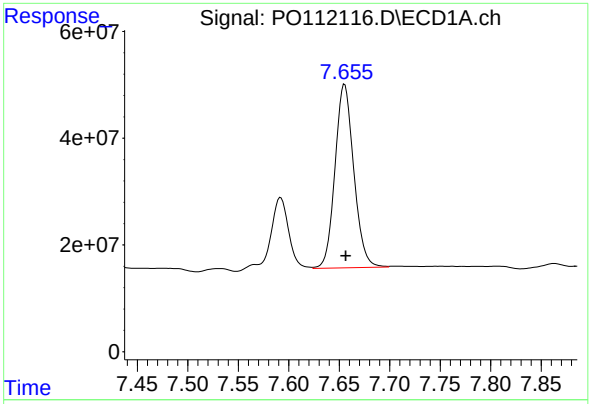
#38 AR-1262-3

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 161799024
Conc: 252.03 ng/ml



#38 AR-1262-3

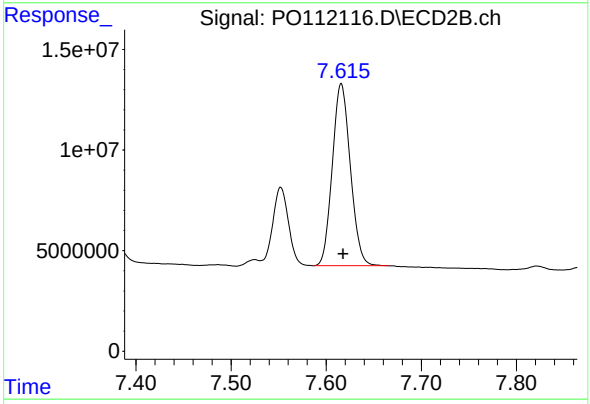
R.T.: 7.552 min
Delta R.T.: -0.002 min
Response: 44636216
Conc: 248.64 ng/ml



#39 AR-1262-4

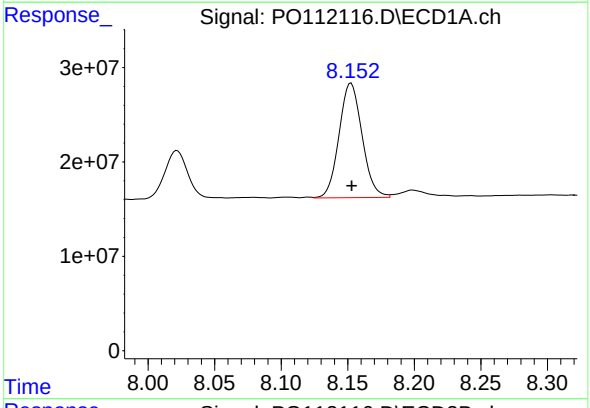
R.T.: 7.655 min
Delta R.T.: -0.001 min
Response: 445610398
Conc: 415.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



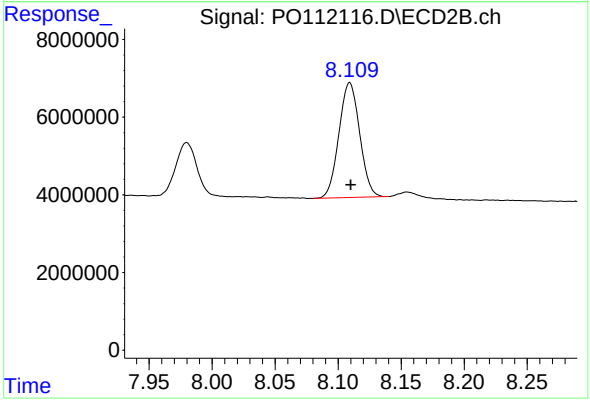
#39 AR-1262-4

R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 119162908
Conc: 409.61 ng/ml



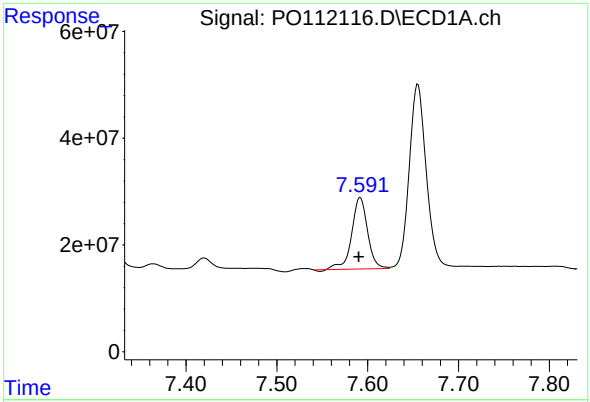
#40 AR-1262-5

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 146085704
Conc: 325.98 ng/ml



#40 AR-1262-5

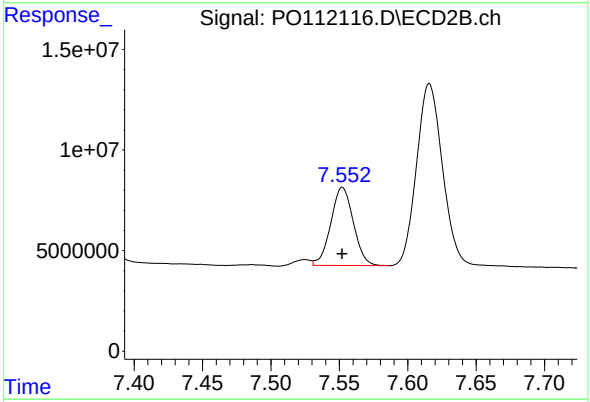
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 33885824
Conc: 320.33 ng/ml



#41 AR-1268-1

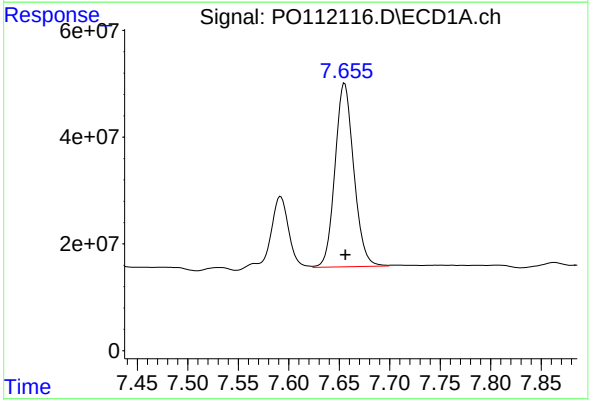
R.T.: 7.592 min
Delta R.T.: 0.002 min
Response: 161799024
Conc: 88.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



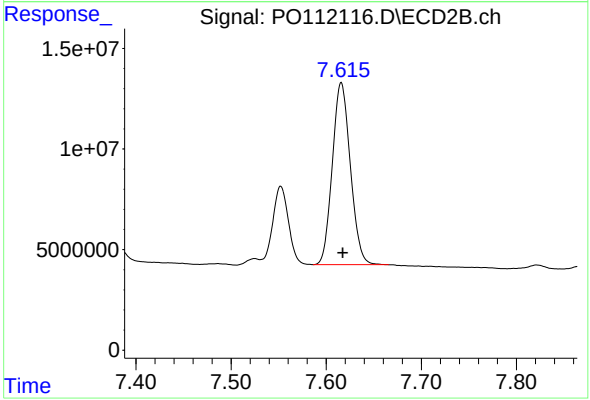
#41 AR-1268-1

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 44636216
Conc: 90.82 ng/ml



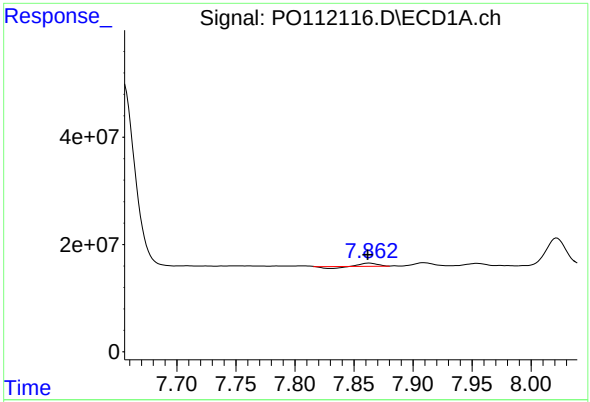
#42 AR-1268-2

R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 445610398
Conc: 286.09 ng/ml



#42 AR-1268-2

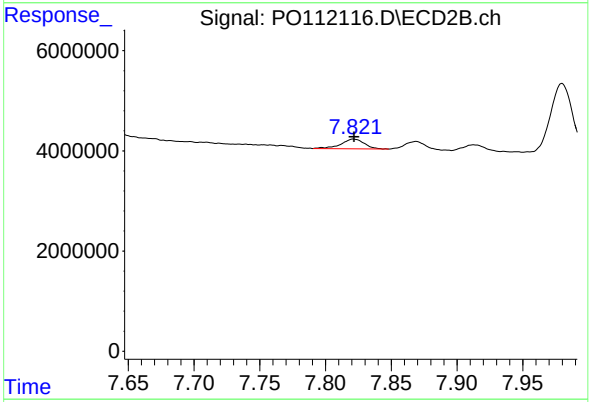
R.T.: 7.616 min
Delta R.T.: -0.002 min
Response: 119162908
Conc: 285.63 ng/ml



#43 AR-1268-3

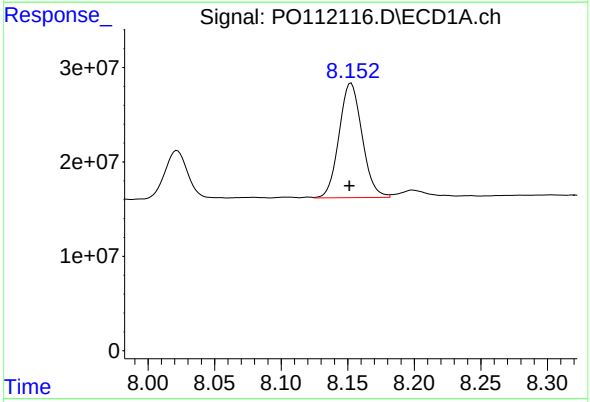
R.T.: 7.863 min
Delta R.T.: 0.001 min
Response: 2769823
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



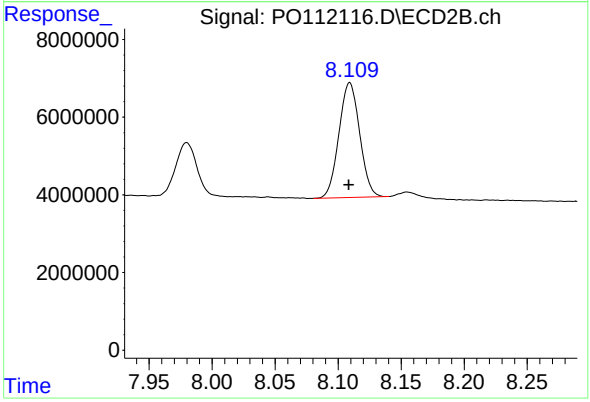
#43 AR-1268-3

R.T.: 7.821 min
Delta R.T.: 0.000 min
Response: 2396044
Conc: 7.57 ng/ml



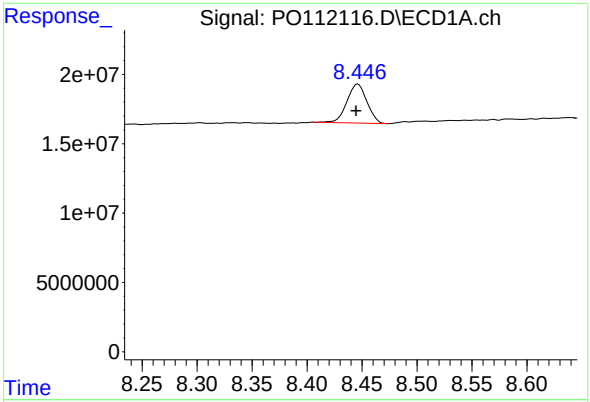
#44 AR-1268-4

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 146085704
Conc: 304.09 ng/ml



#44 AR-1268-4

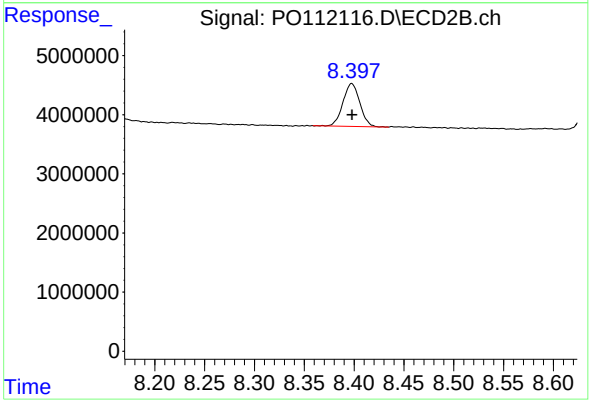
R.T.: 8.109 min
Delta R.T.: 0.000 min
Response: 33885824
Conc: 303.88 ng/ml



#45 AR-1268-5

R.T.: 8.446 min
Delta R.T.: 0.002 min
Response: 35455171
Conc: 10.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
ICVPO070825



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 8565740
Conc: 11.79 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 10:15
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:44:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.670	3.663	592.8E6	349.3E6	59.914	54.828	
2)	SA Decachlor...	8.699	8.645	322.9E6	76065272	47.232	44.135	
	Target Compounds							
3)	L1 AR-1016-1	4.757	4.739	189.6E6	110.1E6	557.415	494.291	
4)	L1 AR-1016-2	4.776	4.757	277.9E6	150.6E6	558.822	457.715	
5)	L1 AR-1016-3	4.833	4.975	174.9E6	70204245	540.411	413.290	
6)	L1 AR-1016-4	4.953	5.017	143.2E6	83633519	557.827	609.452	
7)	L1 AR-1016-5	5.210	5.187	146.7E6	90853568	536.029	526.839	
8)	L2 AR-1221-1	3.881	3.871	18912211	12291205	162.178	149.355	
9)	L2 AR-1221-2	3.969	3.958	25420609	17491866	322.431	294.706	
10)	L2 AR-1221-3	4.044	4.032	98680542	65225339	366.051	345.516	
11)	L3 AR-1232-1	4.044	4.032	98680542	65225339	459.690	434.548	
12)	L3 AR-1232-2	4.536	4.757	141.5E6	150.6E6	1245.600	983.978	
13)	L3 AR-1232-3	4.776	4.932	277.9E6	86189982	1213.480	1141.498	
14)	L3 AR-1232-4	4.953	5.017	143.2E6	83633519	1253.314	1267.401	
15)	L3 AR-1232-5	4.996	5.187	111.4E6	90853568	1518.361	1223.454	
16)	L4 AR-1242-1	4.757	4.739	189.6E6	110.1E6	654.577	568.172	
17)	L4 AR-1242-2	4.776	4.757	277.9E6	150.6E6	652.465	531.610	
18)	L4 AR-1242-3	4.833	4.932	174.9E6	86189982	639.196	591.650	
19)	L4 AR-1242-4	4.953	5.017	143.2E6	83633519	635.766	589.630	
20)	L4 AR-1242-5	5.605	5.537	37881289	89535680	178.963	492.674	#
21)	L5 AR-1248-1	4.757	4.739	189.6E6	110.1E6	835.566	713.521	
22)	L5 AR-1248-2	4.996	4.975	111.4E6	70204245	361.463	341.182	
23)	L5 AR-1248-3	5.210	5.017	146.7E6	83633519	360.137	389.358	
24)	L5 AR-1248-4	5.563	5.187	151.4E6	90853568	262.377	351.156	#
25)	L5 AR-1248-5	5.605	5.578	37881289	24255105	97.056	96.808	
26)	L6 AR-1254-1	5.563	5.537	151.4E6	89535680	246.183	234.898	
27)	L6 AR-1254-2	5.713	5.685	107.1E6	64931210	199.889	195.687	
28)	L6 AR-1254-3	6.132	6.101	205.6E6	110.7E6	244.922	229.567	
29)	L6 AR-1254-4	6.346	6.313	28736958	14502528	59.742	55.630	
30)	L6 AR-1254-5	6.765	6.730	335.2E6	149.2E6	433.135	418.744	
31)	L7 AR-1260-1	6.247	6.216	256.8E6	138.7E6	512.292	494.432	
32)	L7 AR-1260-2	6.437	6.404	371.6E6	169.6E6	503.427	498.705	
33)	L7 AR-1260-3	6.804	6.556	324.3E6	111.0E6	494.727	402.957	
34)	L7 AR-1260-4	7.063	7.026	219.4E6	91190737	504.087	454.488	
35)	L7 AR-1260-5	7.307	7.268	619.0E6	195.5E6	490.290	436.745	
36)	L8 AR-1262-1	6.804	6.768	324.3E6	136.0E6	317.401	333.968	
37)	L8 AR-1262-2	7.307	7.268	619.0E6	195.5E6	377.589	381.512	
38)	L8 AR-1262-3	7.589	7.549	147.2E6	40414023	229.279	225.118	
39)	L8 AR-1262-4	7.653	7.613	396.1E6	105.8E6	369.713	363.837	
40)	L8 AR-1262-5	8.150	8.106	133.3E6	30285816	297.528	286.300	
41)	L9 AR-1268-1	7.589	7.549	147.2E6	40414023	80.106	82.233	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 10:15
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:44:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.653	7.613	396.1E6	105.8E6	254.316	253.717
43) L9	AR-1268-3	7.860	7.819	6757622	1705565	5.199	5.391
44) L9	AR-1268-4	8.150	8.106	133.3E6	30285816	277.544	271.592
45) L9	AR-1268-5	8.443	8.394	31026023	7575024	9.506	10.426

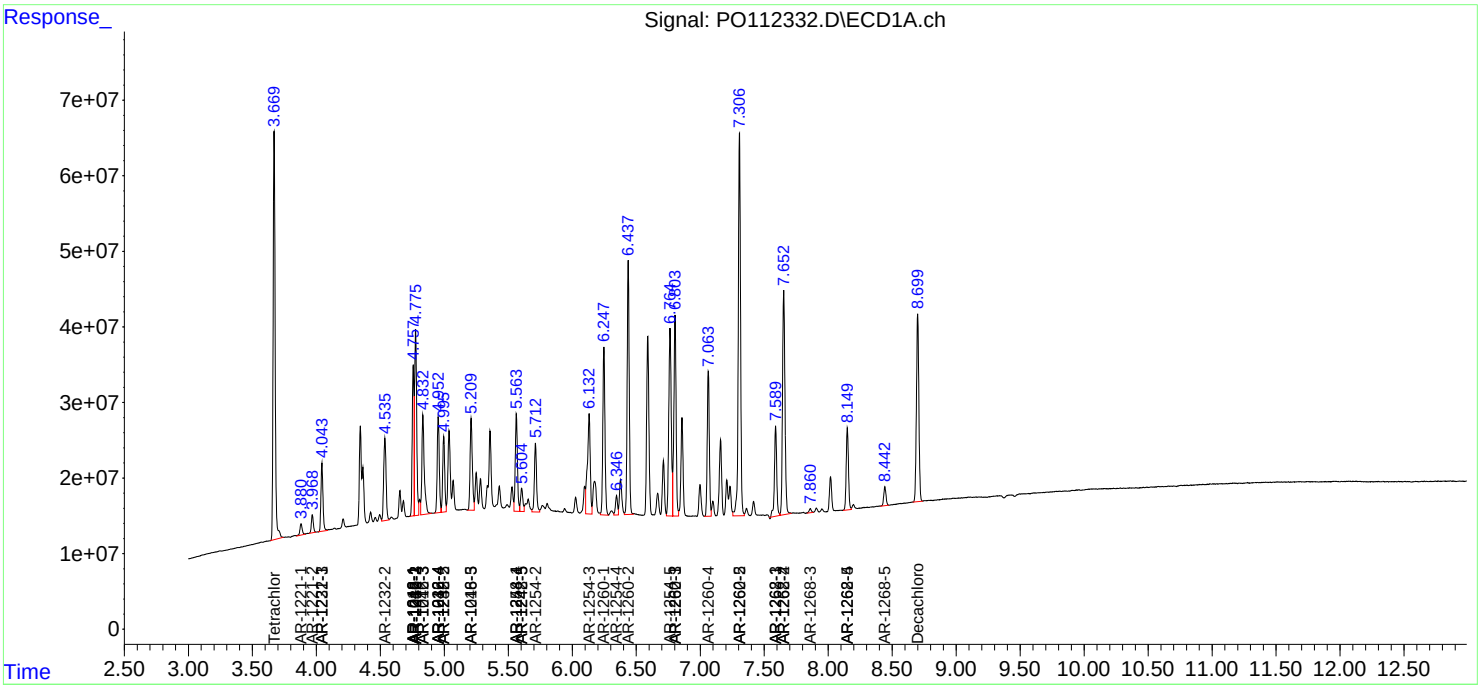
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

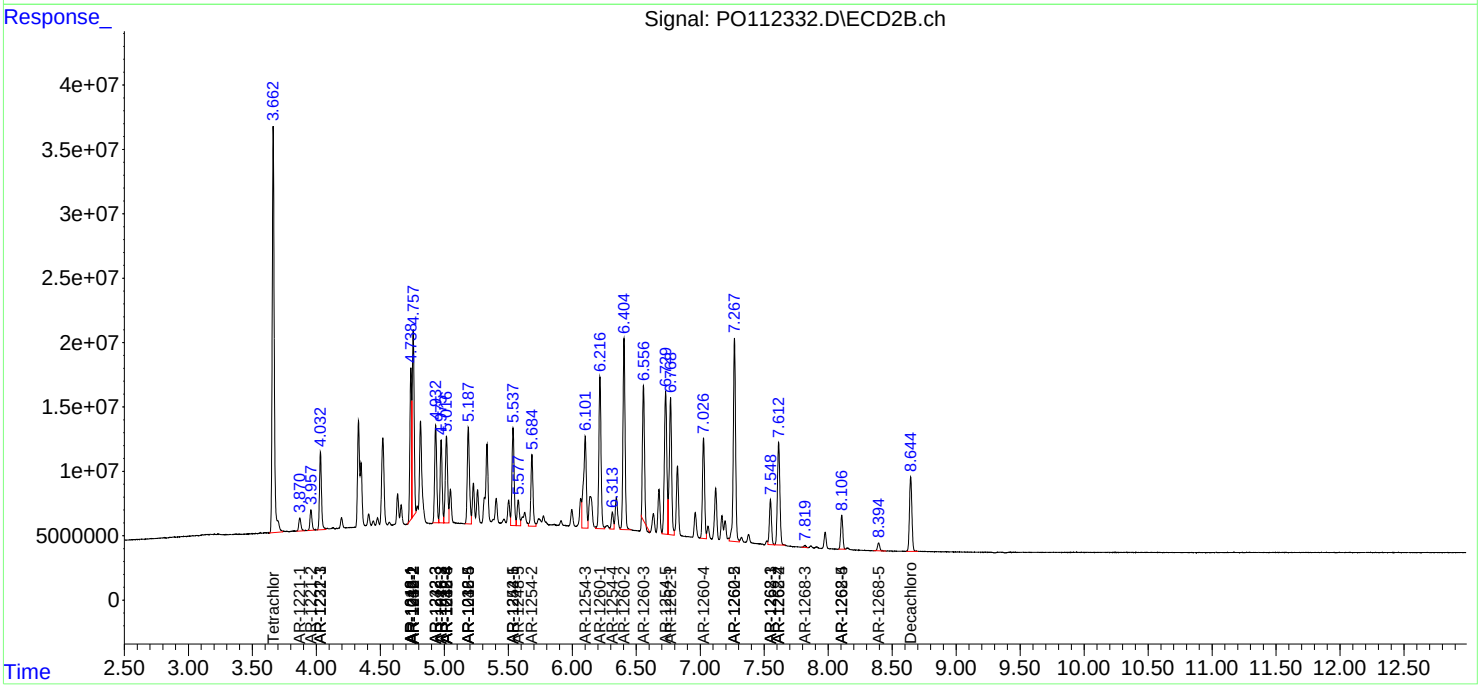
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 10:15
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

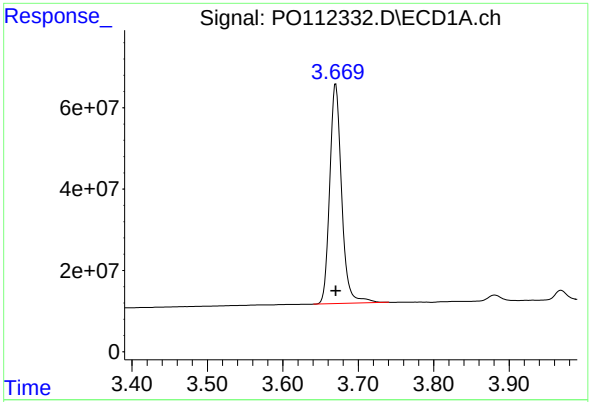
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:44:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



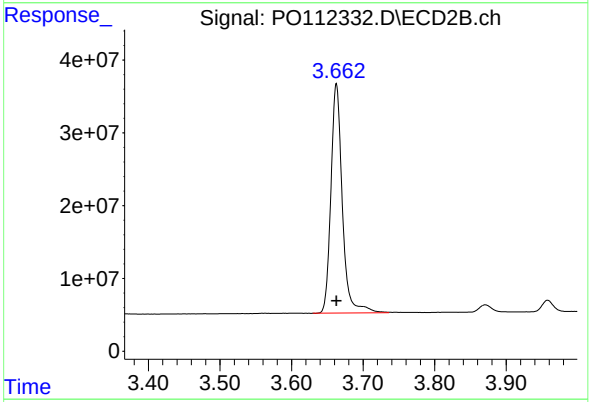




#1 Tetrachloro-m-xylene

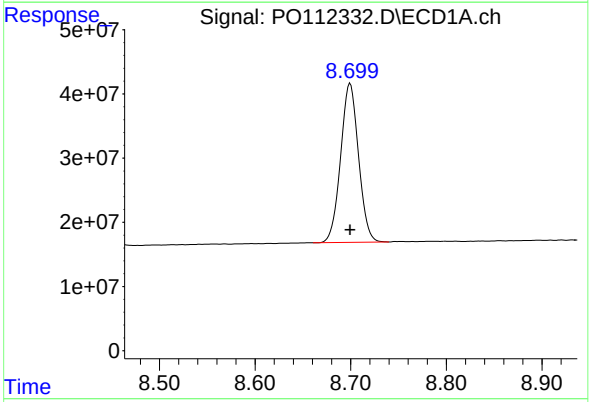
R.T.: 3.670 min
Delta R.T.: 0.000 min
Response: 592831825
Conc: 59.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



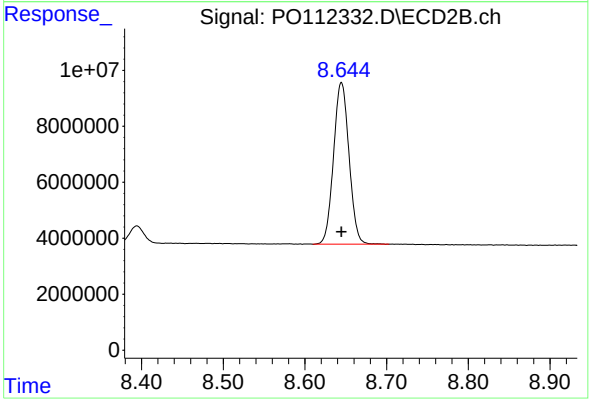
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 349312435
Conc: 54.83 ng/ml



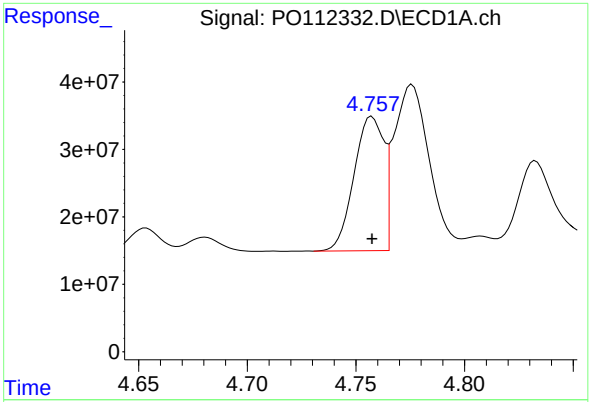
#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 322926705
Conc: 47.23 ng/ml



#2 Decachlorobiphenyl

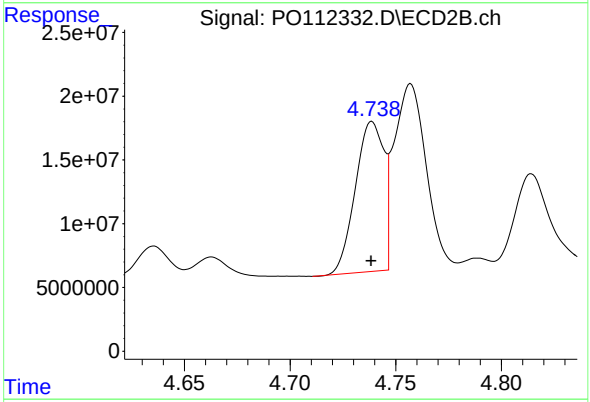
R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 76065272
Conc: 44.14 ng/ml



#3 AR-1016-1

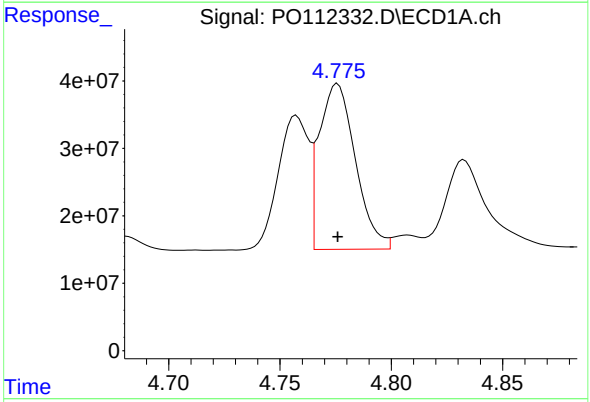
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 189589630
Conc: 557.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



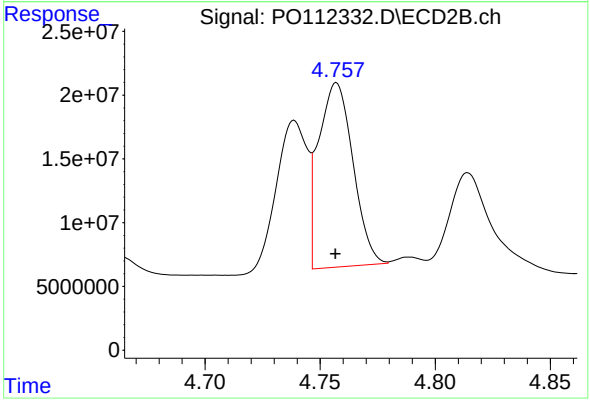
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 110144934
Conc: 494.29 ng/ml



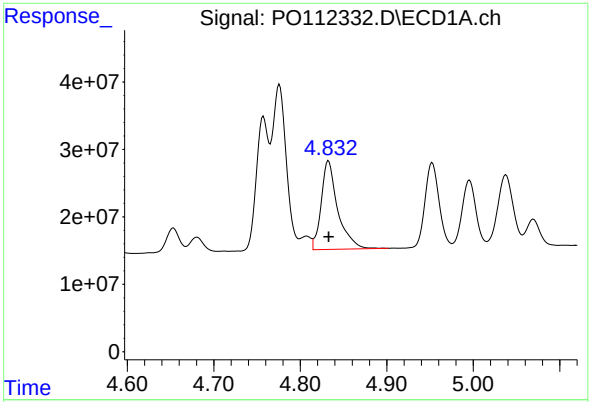
#4 AR-1016-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 277897665
Conc: 558.82 ng/ml



#4 AR-1016-2

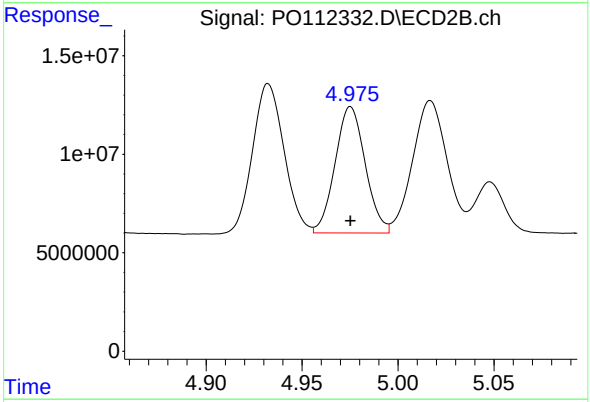
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 150632998
Conc: 457.72 ng/ml



#5 AR-1016-3

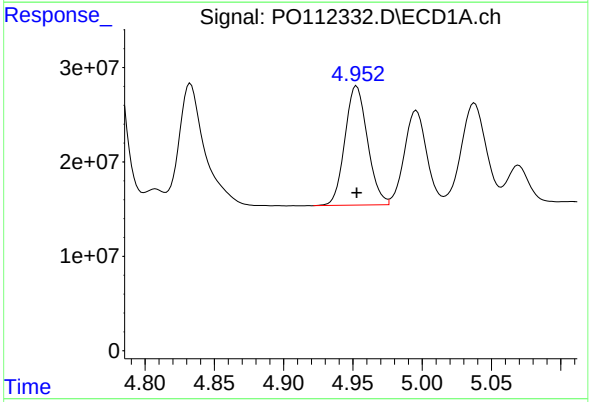
R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 174938598
Conc: 540.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



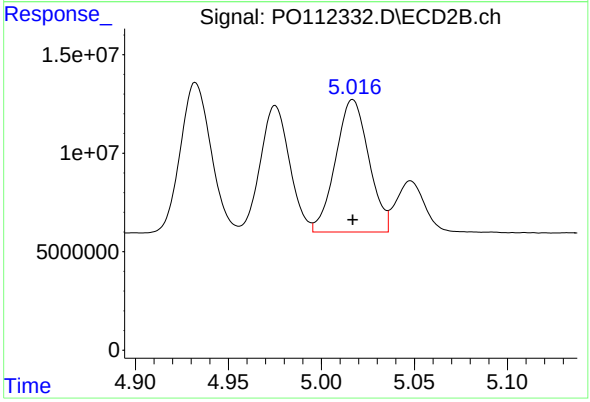
#5 AR-1016-3

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 70204245
Conc: 413.29 ng/ml



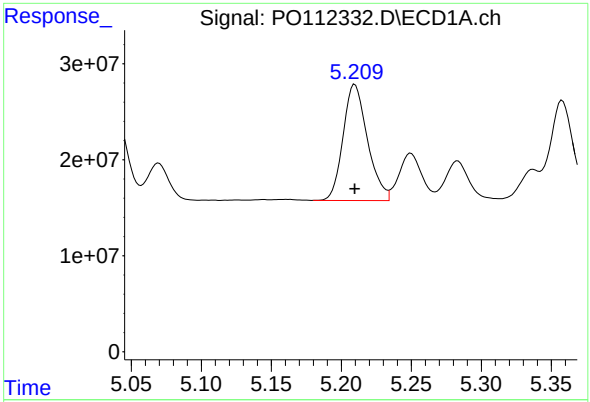
#6 AR-1016-4

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 143249651
Conc: 557.83 ng/ml



#6 AR-1016-4

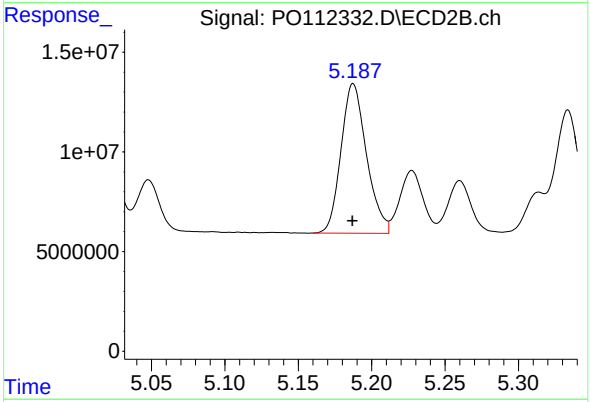
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 83633519
Conc: 609.45 ng/ml



#7 AR-1016-5

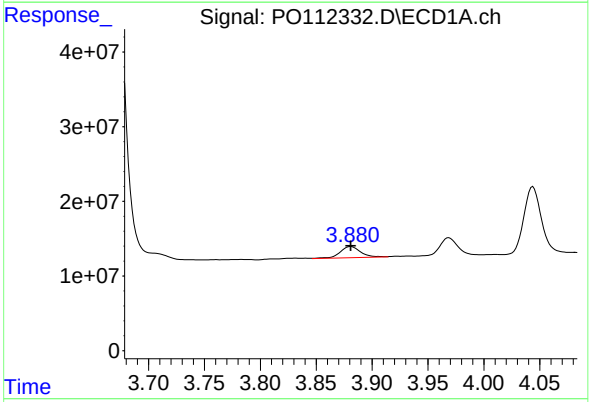
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 146690723
Conc: 536.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



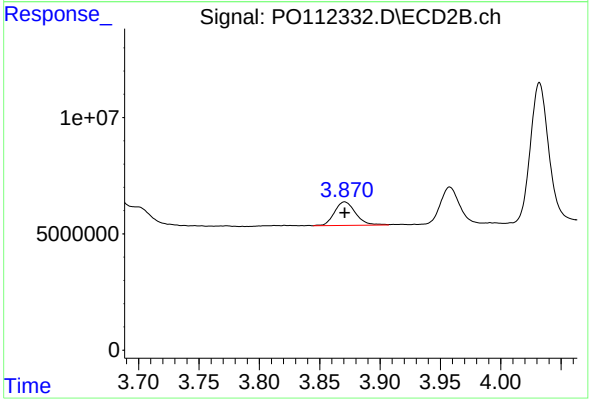
#7 AR-1016-5

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 90853568
Conc: 526.84 ng/ml



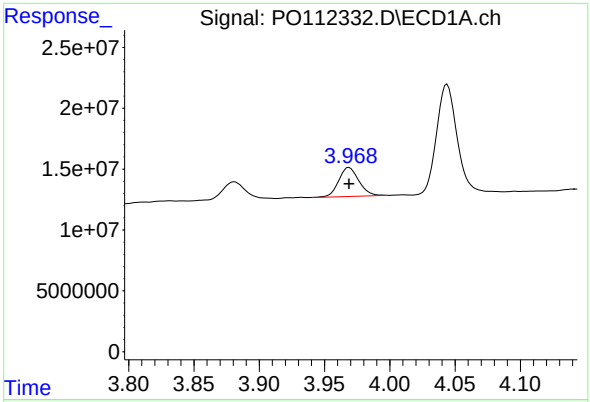
#8 AR-1221-1

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 18912211
Conc: 162.18 ng/ml



#8 AR-1221-1

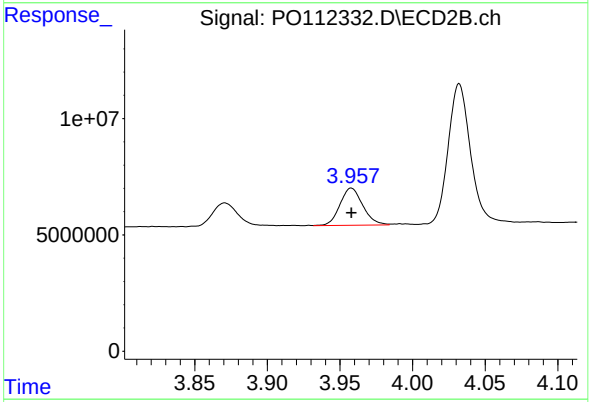
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 12291205
Conc: 149.36 ng/ml



#9 AR-1221-2

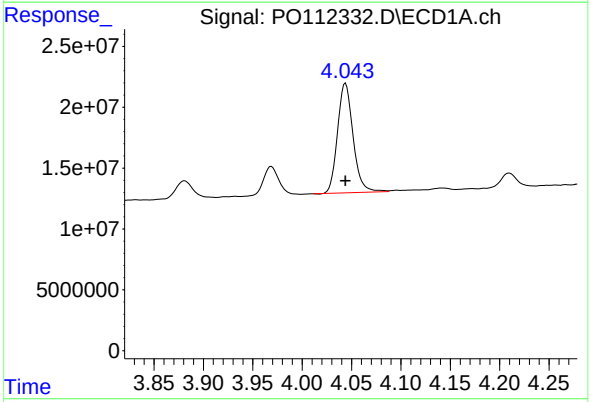
R.T.: 3.969 min
Delta R.T.: 0.000 min
Response: 25420609
Conc: 322.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



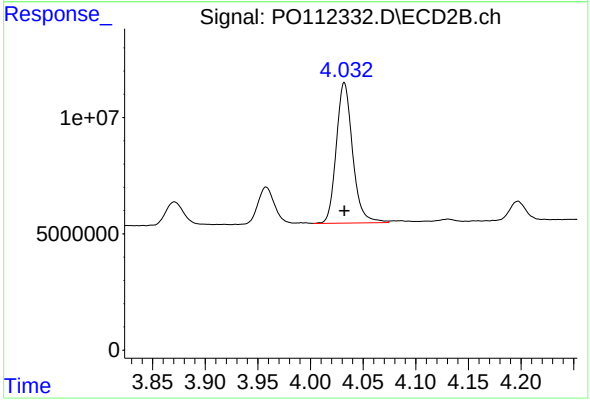
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 17491866
Conc: 294.71 ng/ml



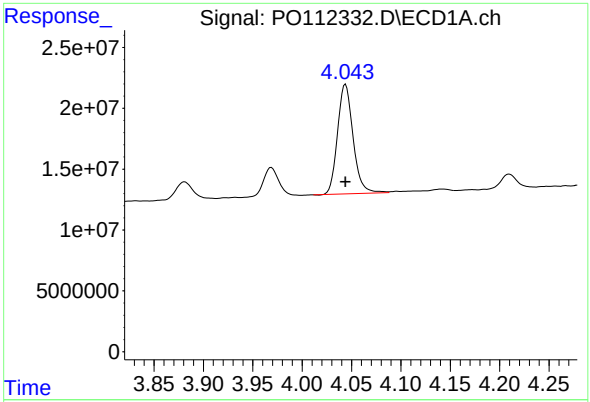
#10 AR-1221-3

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 98680542
Conc: 366.05 ng/ml



#10 AR-1221-3

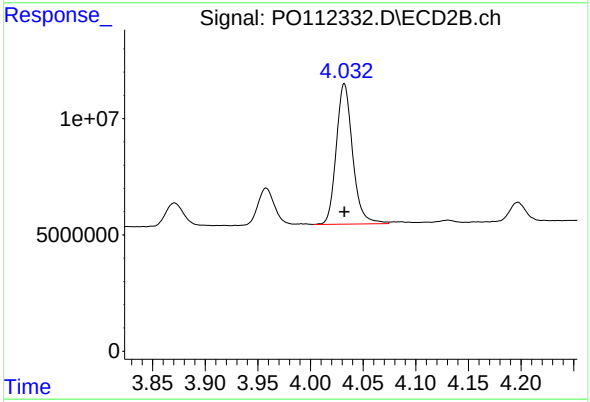
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 65225339
Conc: 345.52 ng/ml



#11 AR-1232-1

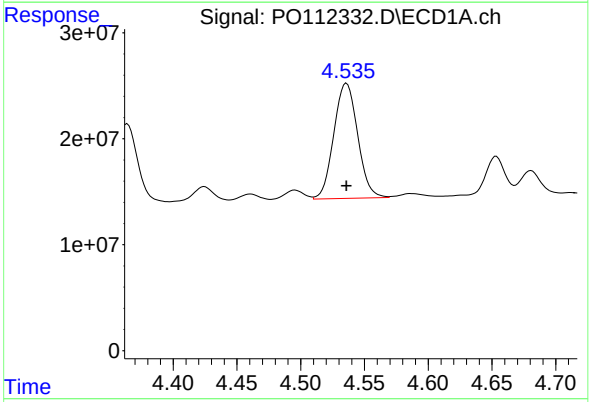
R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 98680542
Conc: 459.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



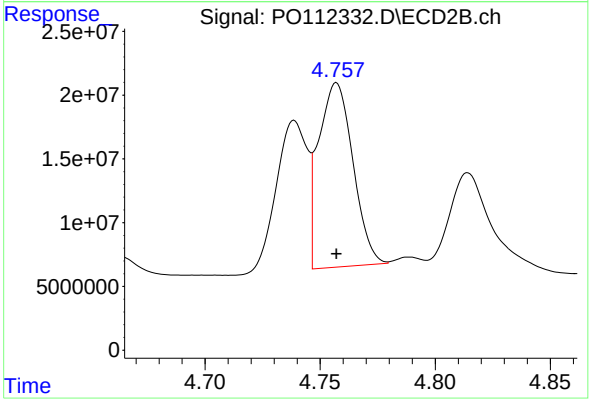
#11 AR-1232-1

R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 65225339
Conc: 434.55 ng/ml



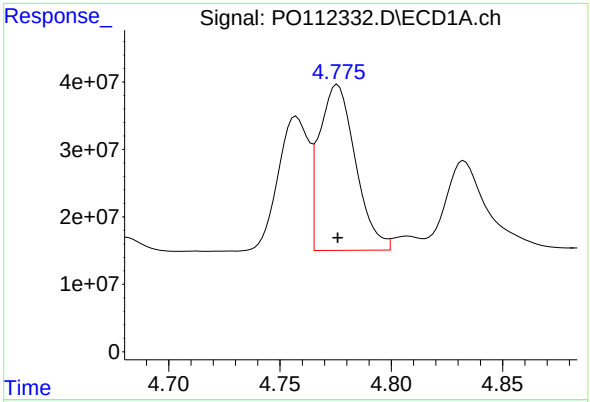
#12 AR-1232-2

R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 141546178
Conc: 1245.60 ng/ml



#12 AR-1232-2

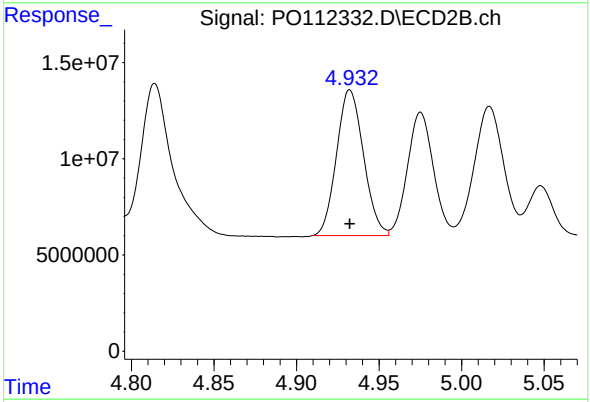
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 150632998
Conc: 983.98 ng/ml



#13 AR-1232-3

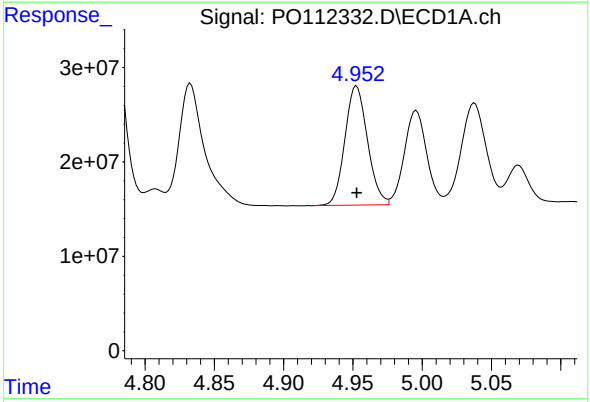
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 277897665
Conc: 1213.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



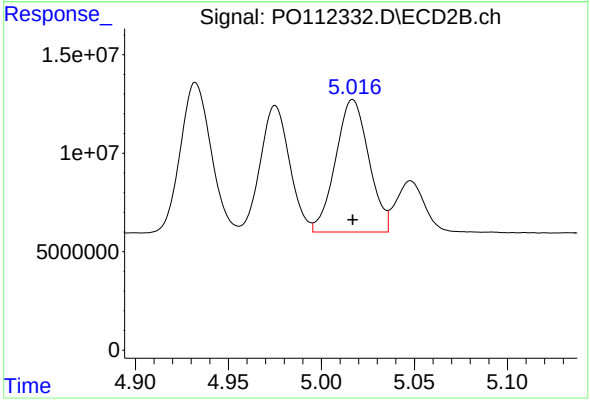
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 86189982
Conc: 1141.50 ng/ml



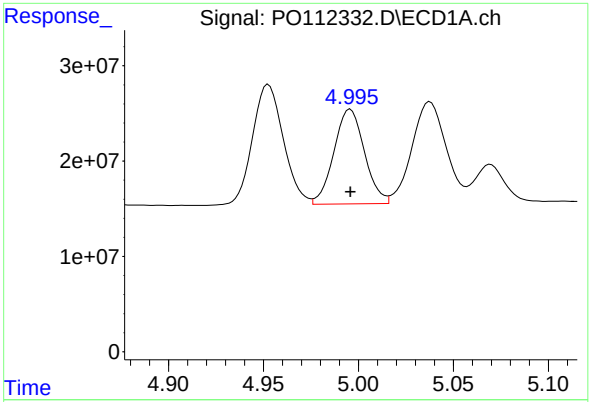
#14 AR-1232-4

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 143249651
Conc: 1253.31 ng/ml



#14 AR-1232-4

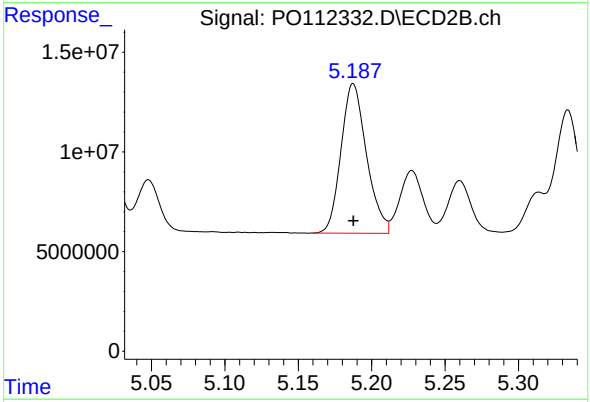
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 83633519
Conc: 1267.40 ng/ml



#15 AR-1232-5

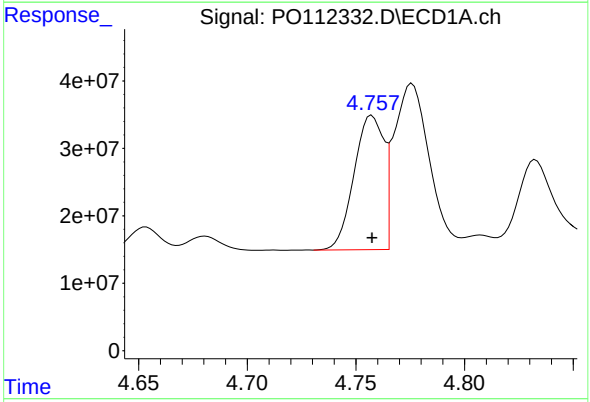
R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 111448082
Conc: 1518.36 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



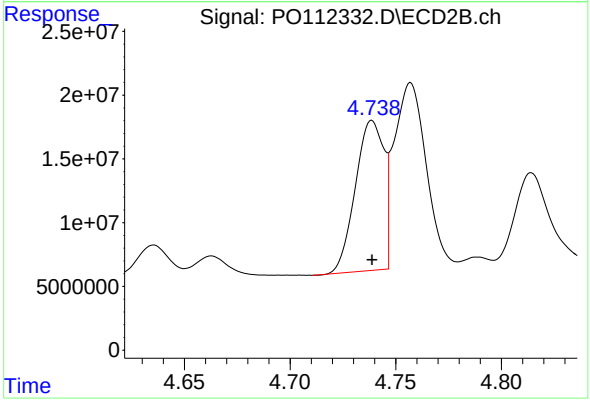
#15 AR-1232-5

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 90853568
Conc: 1223.45 ng/ml



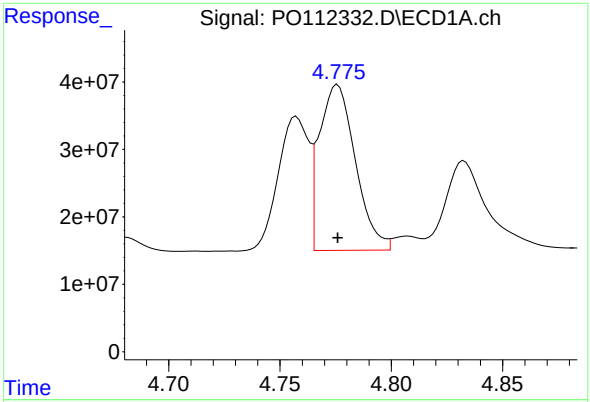
#16 AR-1242-1

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 189589630
Conc: 654.58 ng/ml



#16 AR-1242-1

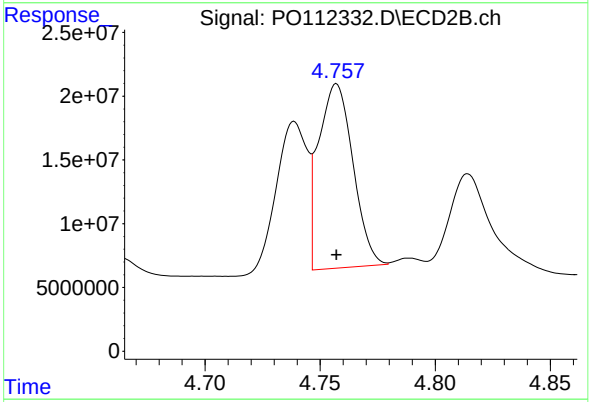
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 110144934
Conc: 568.17 ng/ml



#17 AR-1242-2

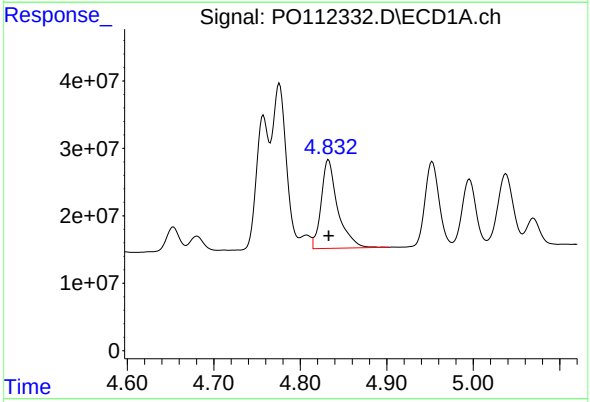
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 277897665
Conc: 652.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



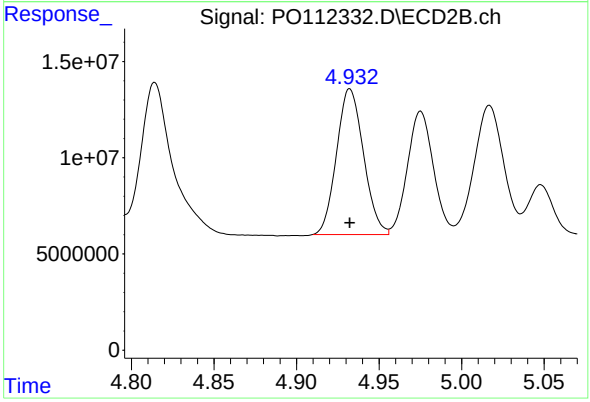
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 150632998
Conc: 531.61 ng/ml



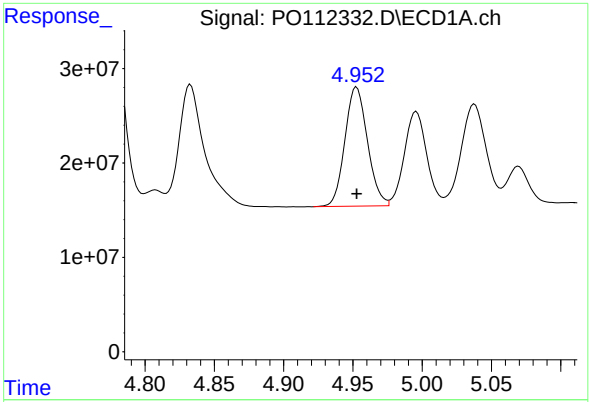
#18 AR-1242-3

R.T.: 4.833 min
Delta R.T.: 0.000 min
Response: 174938598
Conc: 639.20 ng/ml



#18 AR-1242-3

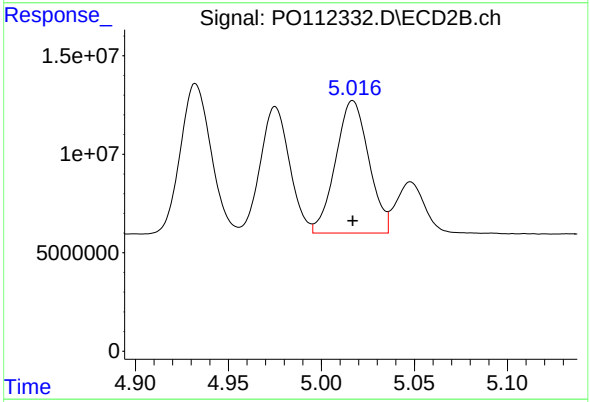
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 86189982
Conc: 591.65 ng/ml



#19 AR-1242-4

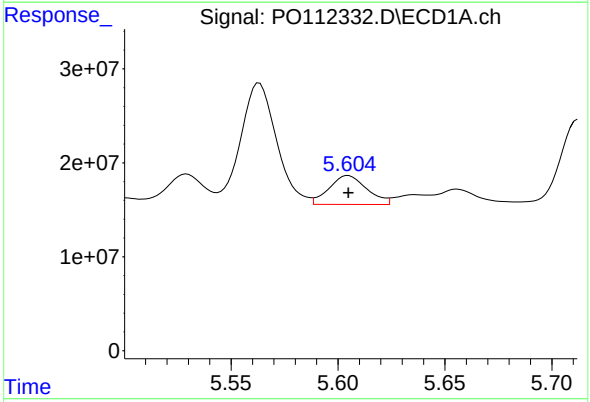
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 143249651
Conc: 635.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



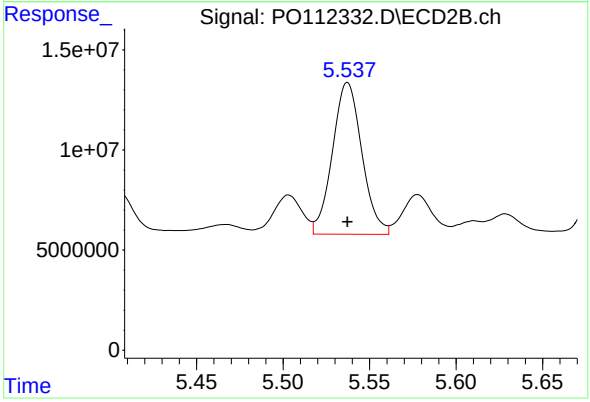
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 83633519
Conc: 589.63 ng/ml



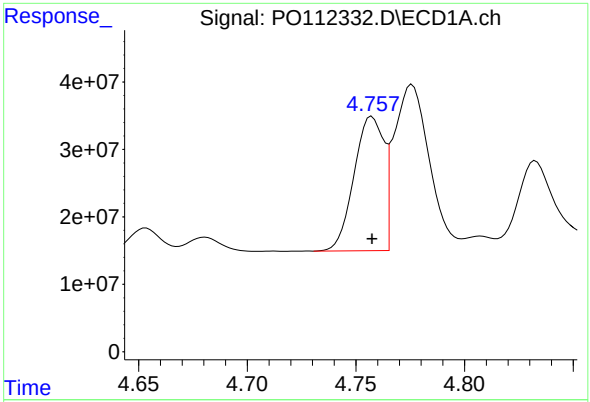
#20 AR-1242-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 37881289
Conc: 178.96 ng/ml



#20 AR-1242-5

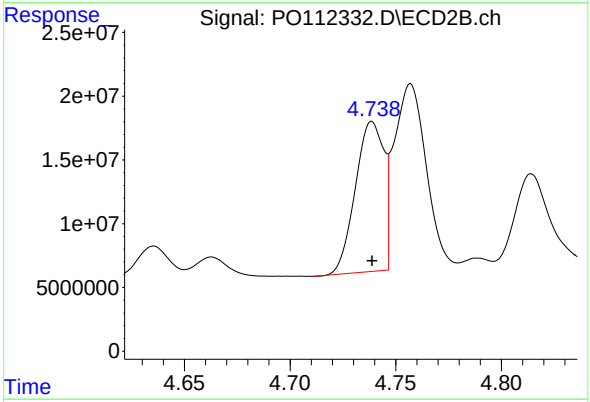
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 89535680
Conc: 492.67 ng/ml



#21 AR-1248-1

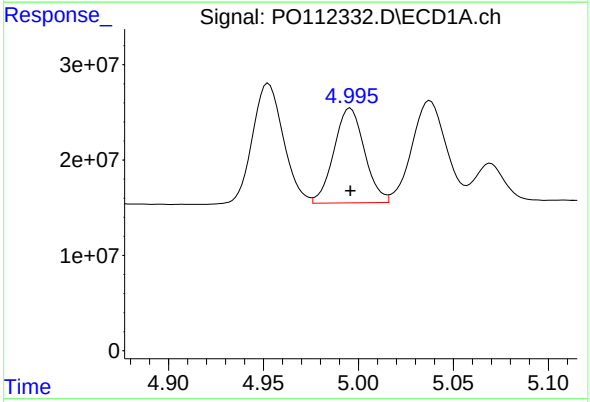
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 189589630
Conc: 835.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



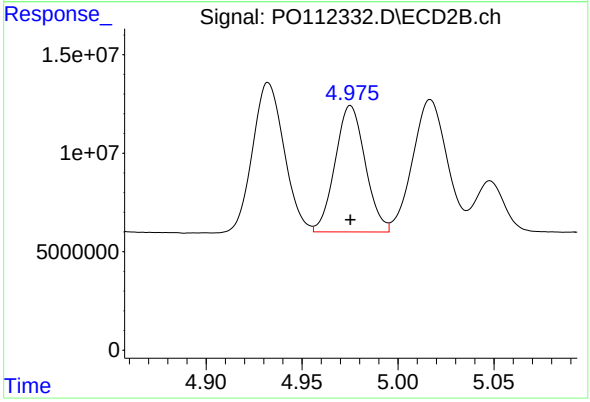
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 110144934
Conc: 713.52 ng/ml



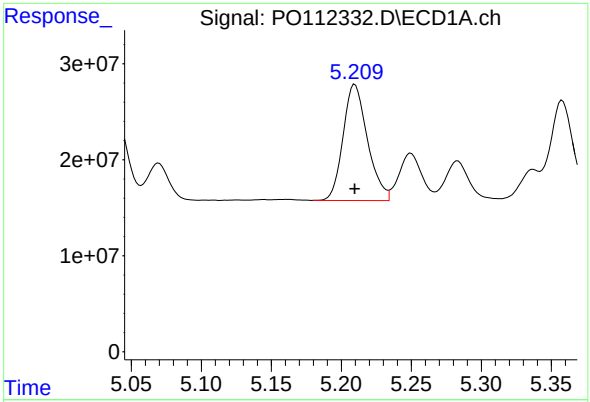
#22 AR-1248-2

R.T.: 4.996 min
Delta R.T.: 0.000 min
Response: 111448082
Conc: 361.46 ng/ml



#22 AR-1248-2

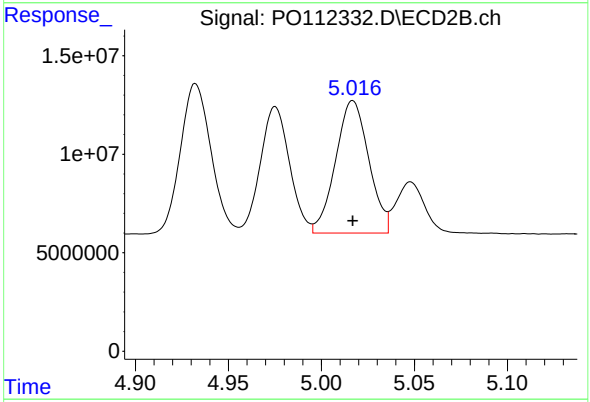
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 70204245
Conc: 341.18 ng/ml



#23 AR-1248-3

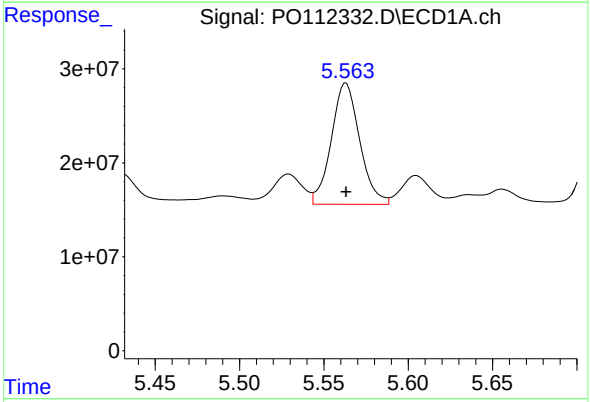
R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 146690723
Conc: 360.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



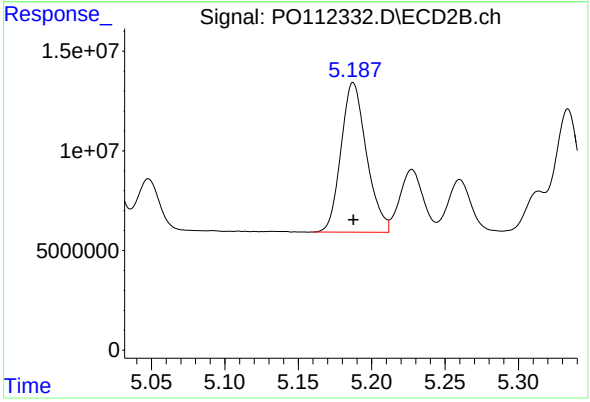
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 83633519
Conc: 389.36 ng/ml



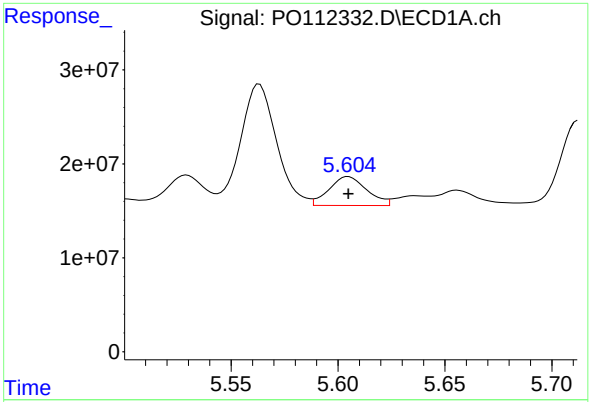
#24 AR-1248-4

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 151430506
Conc: 262.38 ng/ml



#24 AR-1248-4

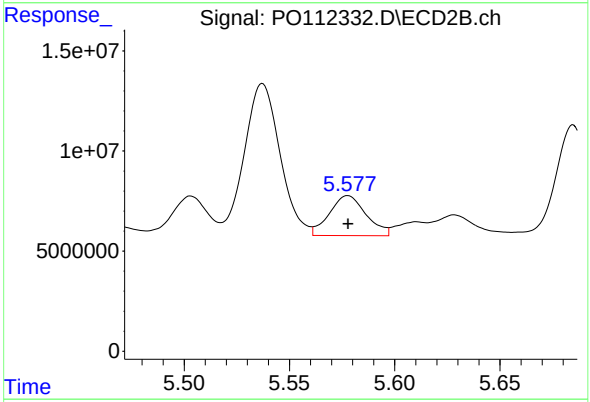
R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 90853568
Conc: 351.16 ng/ml



#25 AR-1248-5

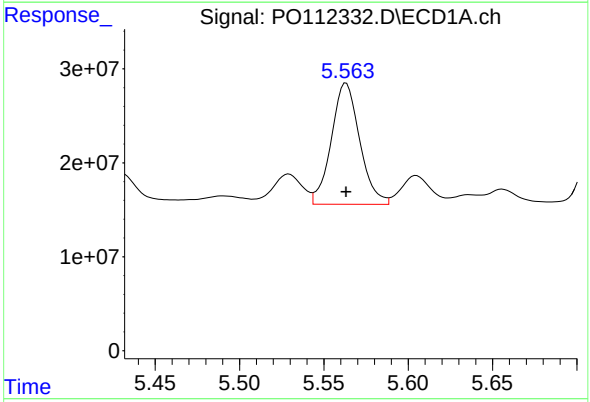
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 37881289
Conc: 97.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



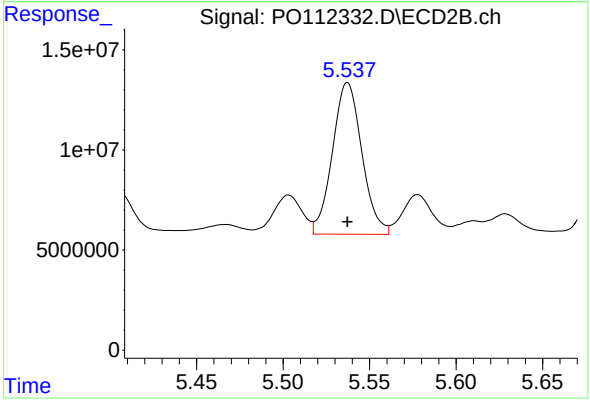
#25 AR-1248-5

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 24255105
Conc: 96.81 ng/ml



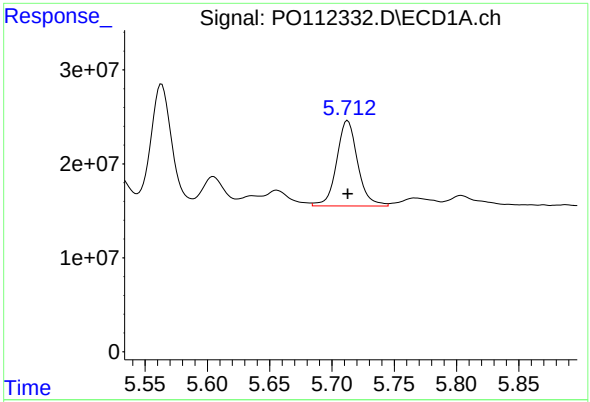
#26 AR-1254-1

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 151430506
Conc: 246.18 ng/ml



#26 AR-1254-1

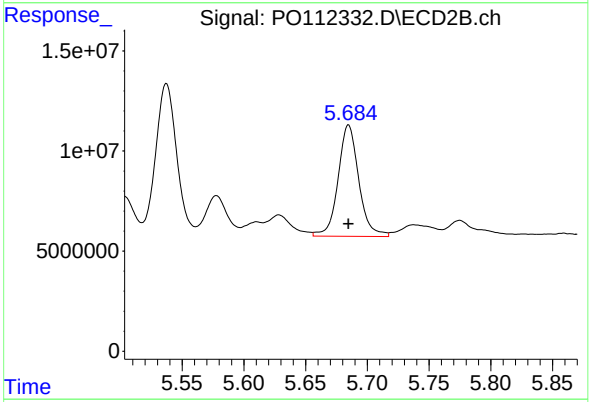
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 89535680
Conc: 234.90 ng/ml



#27 AR-1254-2

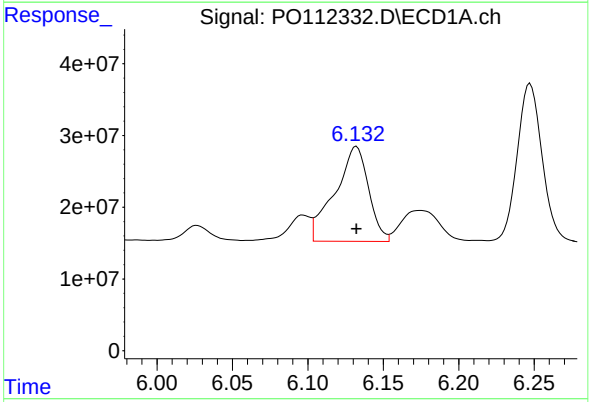
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 107077635
Conc: 199.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



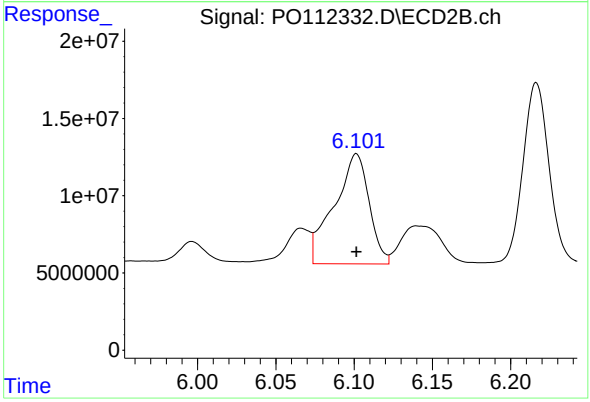
#27 AR-1254-2

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 64931210
Conc: 195.69 ng/ml



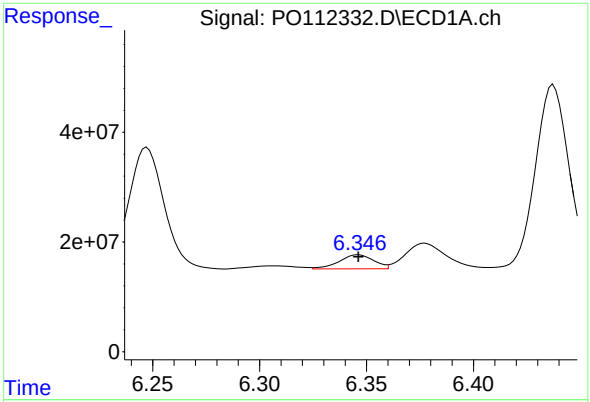
#28 AR-1254-3

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 205631323
Conc: 244.92 ng/ml



#28 AR-1254-3

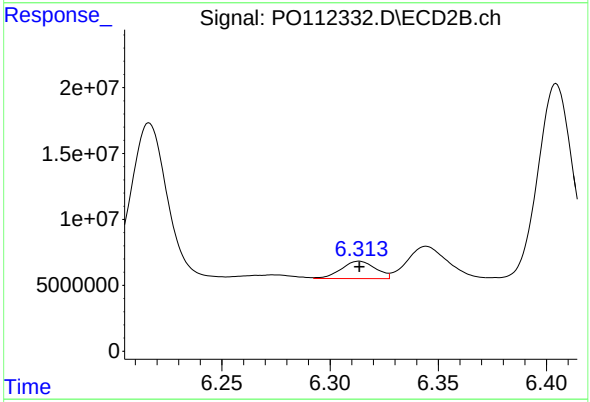
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 110661125
Conc: 229.57 ng/ml



#29 AR-1254-4

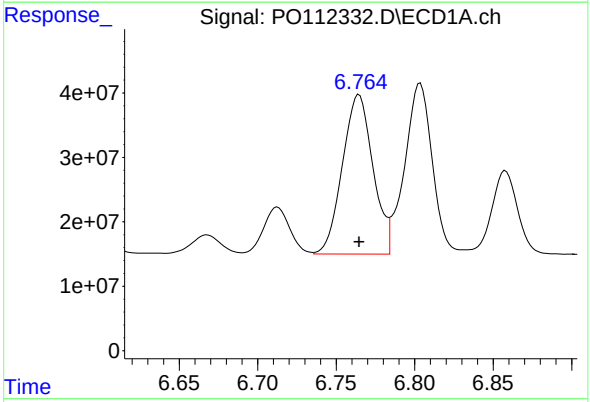
R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 28736958
Conc: 59.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



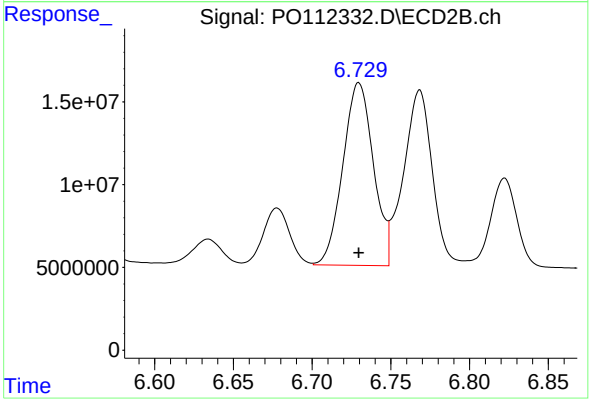
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 14502528
Conc: 55.63 ng/ml



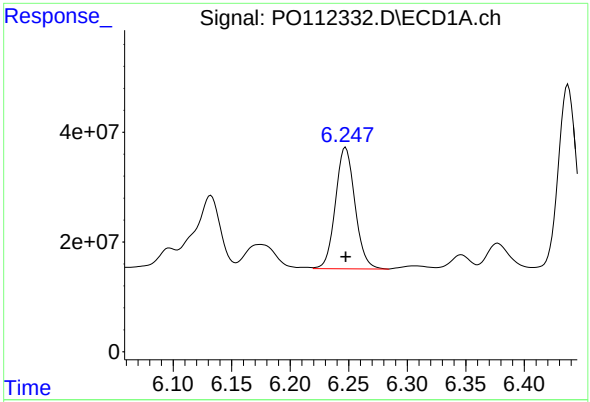
#30 AR-1254-5

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 335223572
Conc: 433.13 ng/ml



#30 AR-1254-5

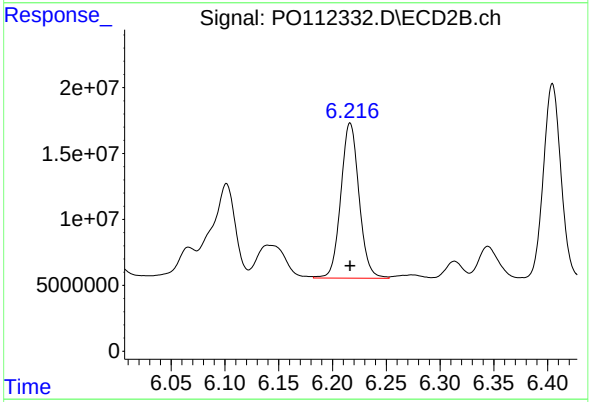
R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 149222076
Conc: 418.74 ng/ml



#31 AR-1260-1

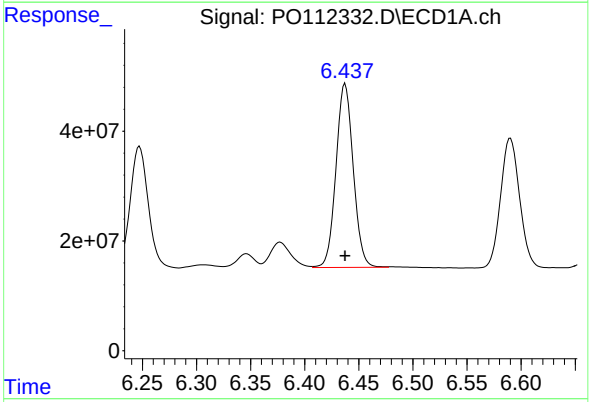
R.T.: 6.247 min
Delta R.T.: 0.000 min
Response: 256780650
Conc: 512.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



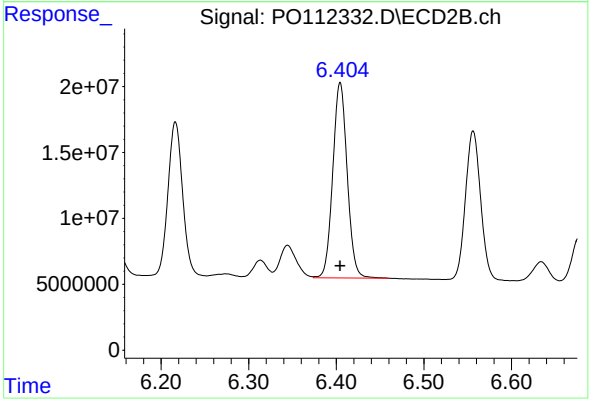
#31 AR-1260-1

R.T.: 6.216 min
Delta R.T.: 0.000 min
Response: 138718933
Conc: 494.43 ng/ml



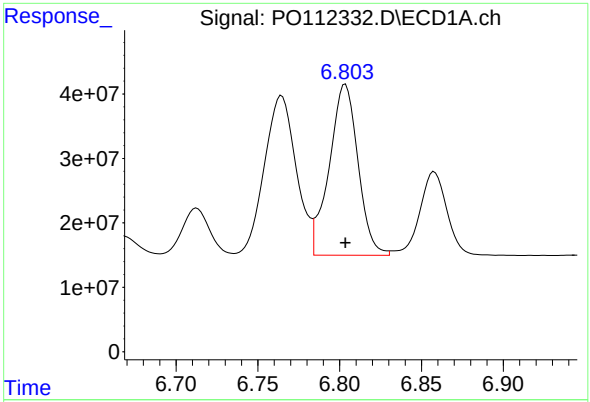
#32 AR-1260-2

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 371597084
Conc: 503.43 ng/ml



#32 AR-1260-2

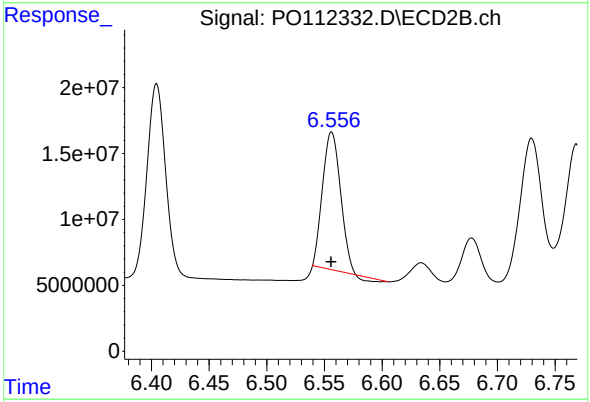
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 169558040
Conc: 498.70 ng/ml



#33 AR-1260-3

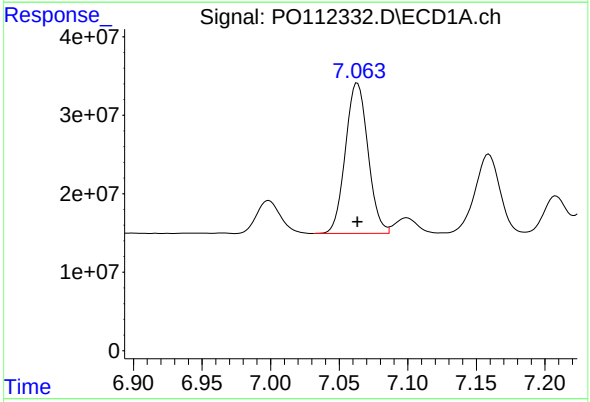
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 324284745
Conc: 494.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



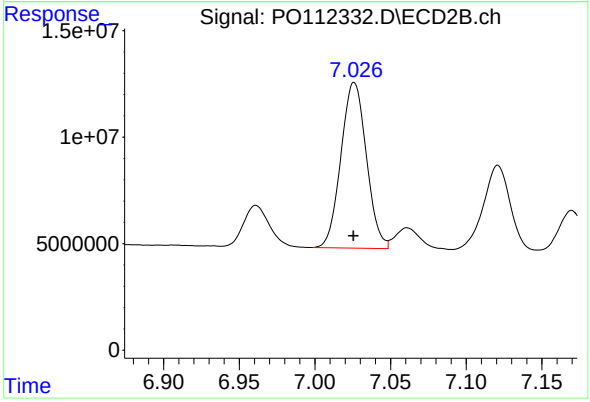
#33 AR-1260-3

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 111049471
Conc: 402.96 ng/ml



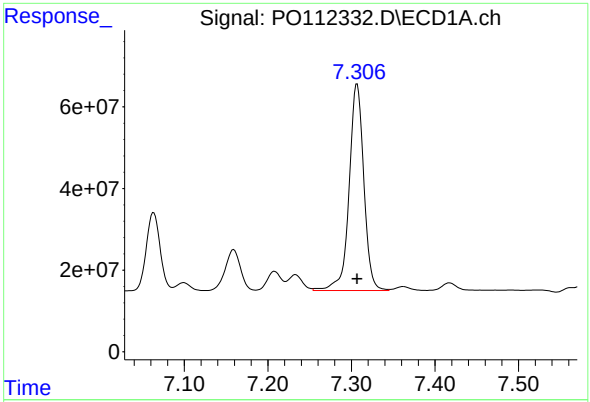
#34 AR-1260-4

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 219402703
Conc: 504.09 ng/ml



#34 AR-1260-4

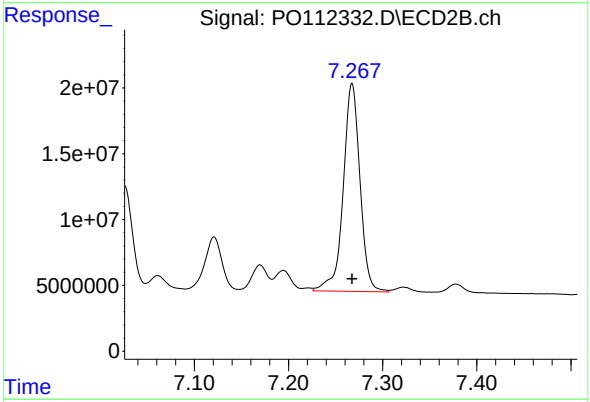
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 91190737
Conc: 454.49 ng/ml



#35 AR-1260-5

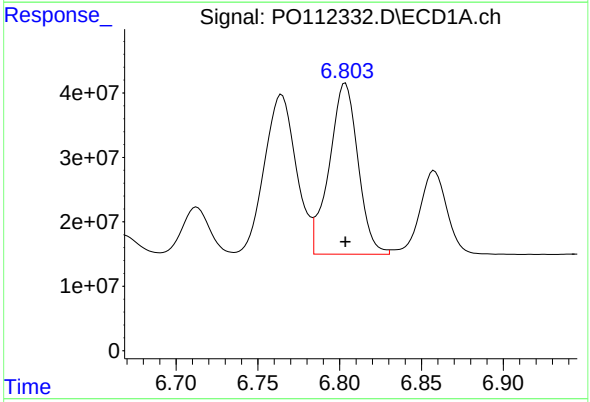
R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 619009807
Conc: 490.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



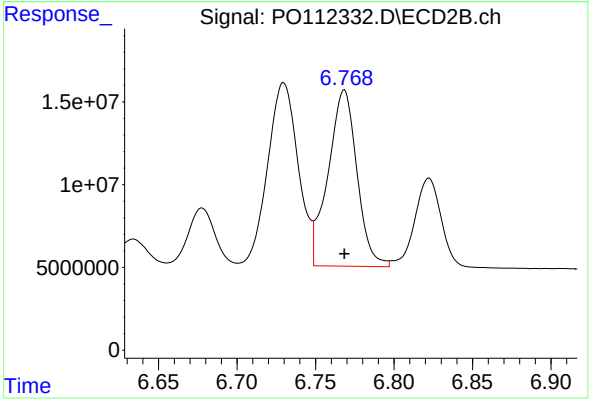
#35 AR-1260-5

R.T.: 7.268 min
Delta R.T.: 0.000 min
Response: 195543329
Conc: 436.75 ng/ml



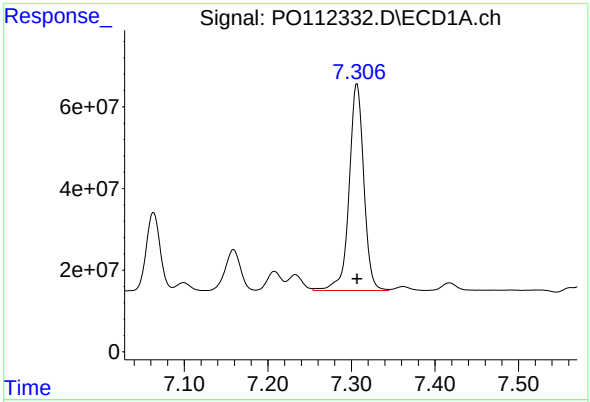
#36 AR-1262-1

R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 324284745
Conc: 317.40 ng/ml



#36 AR-1262-1

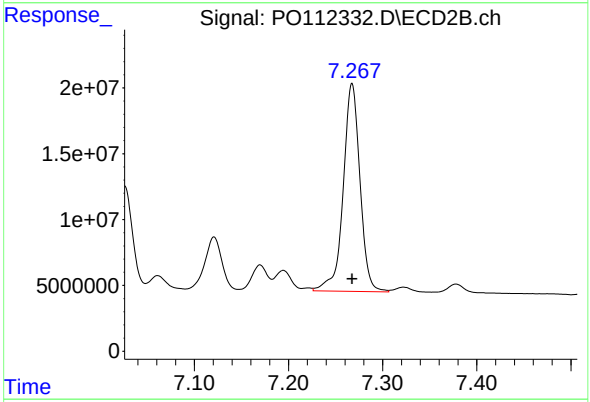
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 136031986
Conc: 333.97 ng/ml



#37 AR-1262-2

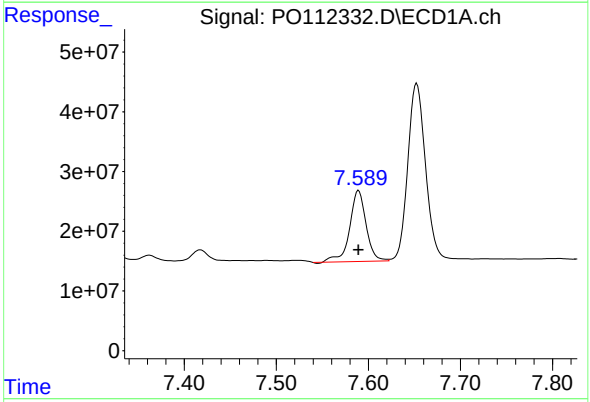
R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 619009807
Conc: 377.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



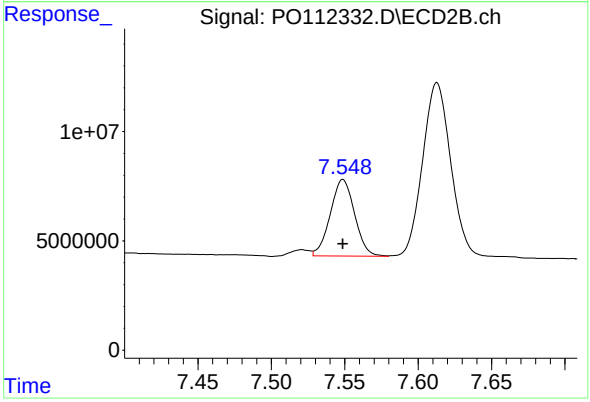
#37 AR-1262-2

R.T.: 7.268 min
Delta R.T.: 0.000 min
Response: 195543329
Conc: 381.51 ng/ml



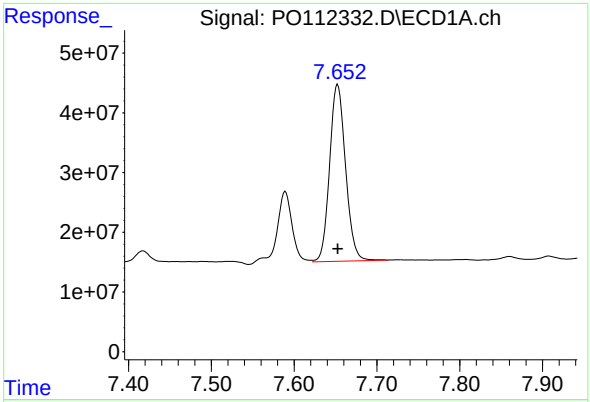
#38 AR-1262-3

R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 147191344
Conc: 229.28 ng/ml



#38 AR-1262-3

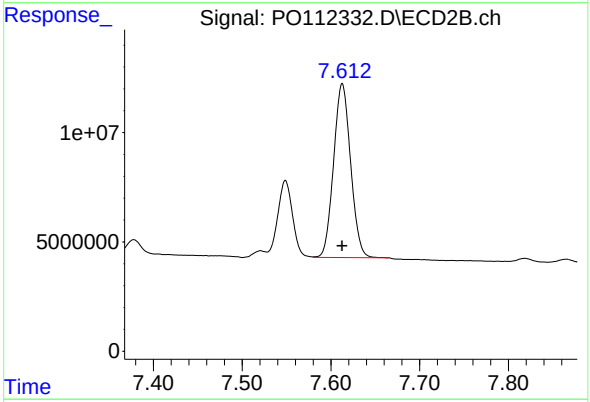
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 40414023
Conc: 225.12 ng/ml



#39 AR-1262-4

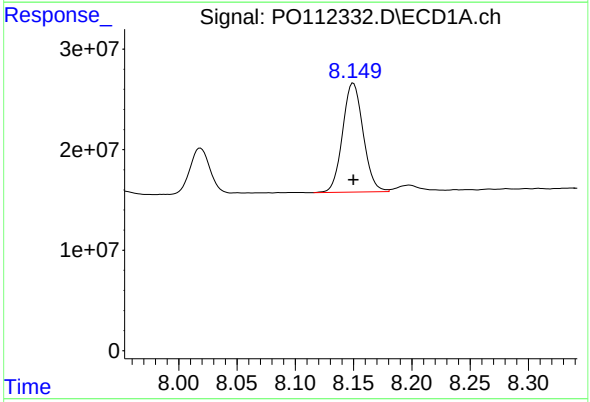
R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 396123736
Conc: 369.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



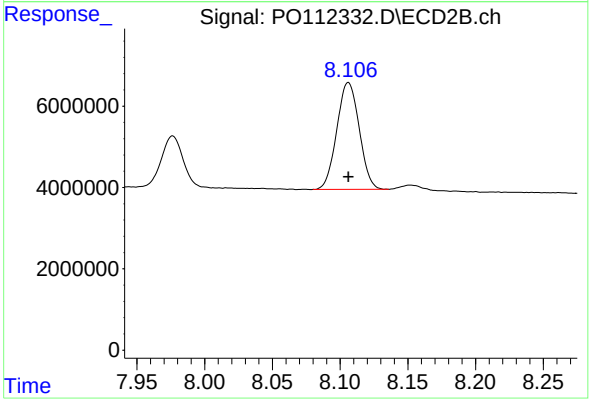
#39 AR-1262-4

R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 105847263
Conc: 363.84 ng/ml



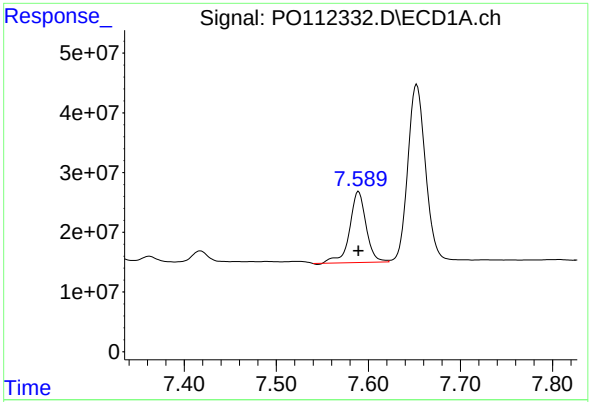
#40 AR-1262-5

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 133334327
Conc: 297.53 ng/ml



#40 AR-1262-5

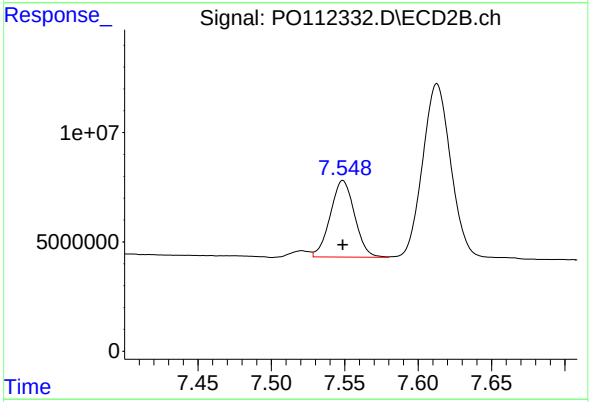
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 30285816
Conc: 286.30 ng/ml



#41 AR-1268-1

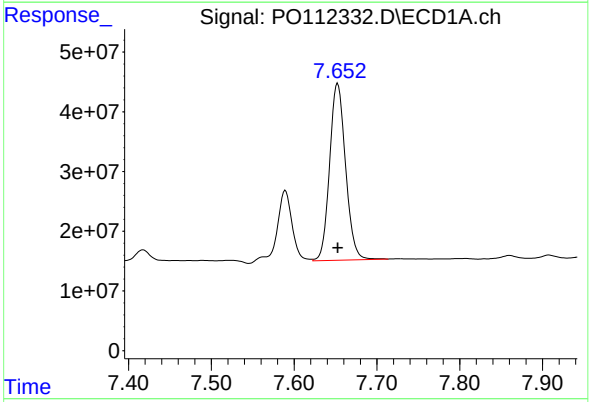
R.T.: 7.589 min
Delta R.T.: 0.000 min
Response: 147191344
Conc: 80.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



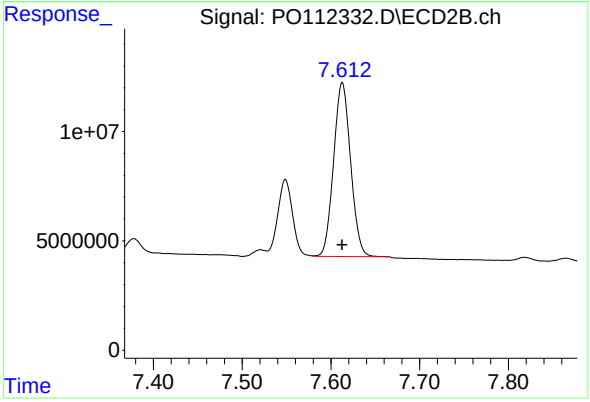
#41 AR-1268-1

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 40414023
Conc: 82.23 ng/ml



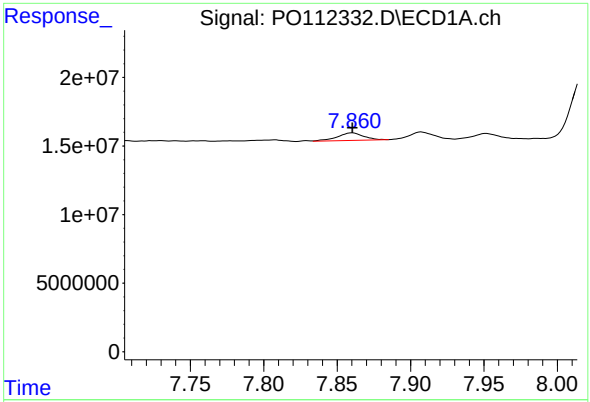
#42 AR-1268-2

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 396123736
Conc: 254.32 ng/ml



#42 AR-1268-2

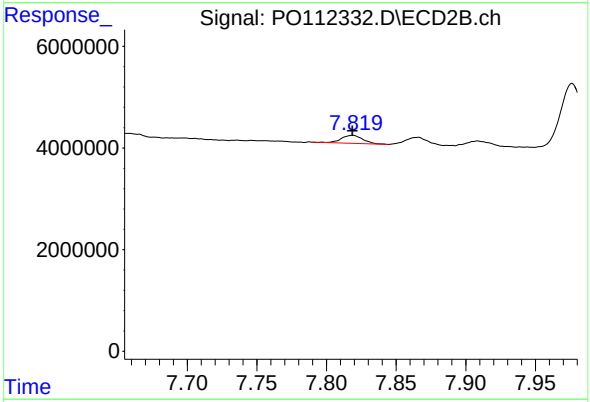
R.T.: 7.613 min
Delta R.T.: 0.000 min
Response: 105847263
Conc: 253.72 ng/ml



#43 AR-1268-3

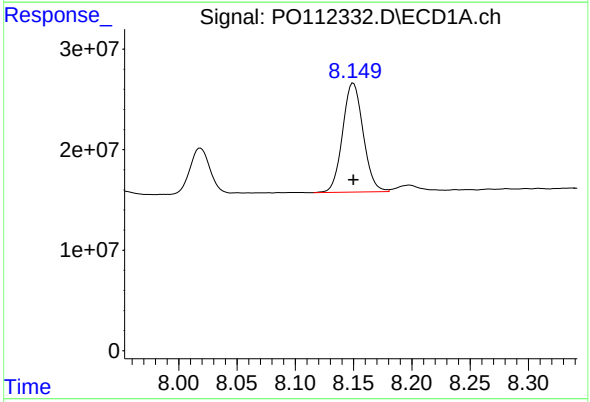
R.T.: 7.860 min
Delta R.T.: 0.000 min
Response: 6757622
Conc: 5.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



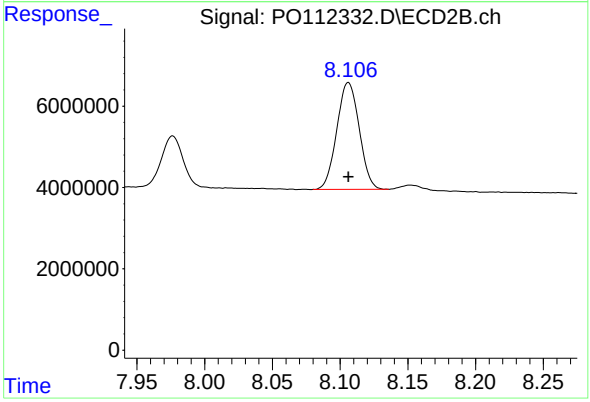
#43 AR-1268-3

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 1705565
Conc: 5.39 ng/ml



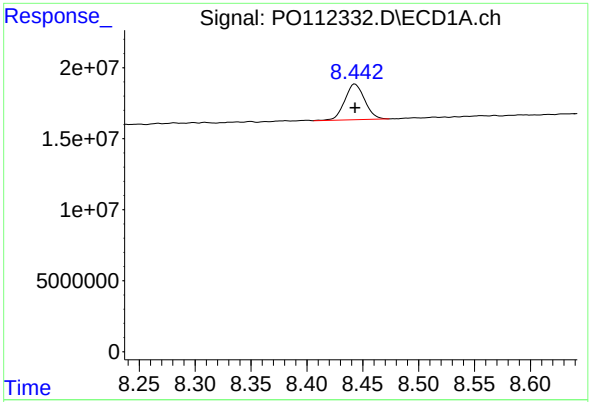
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 133334327
Conc: 277.54 ng/ml



#44 AR-1268-4

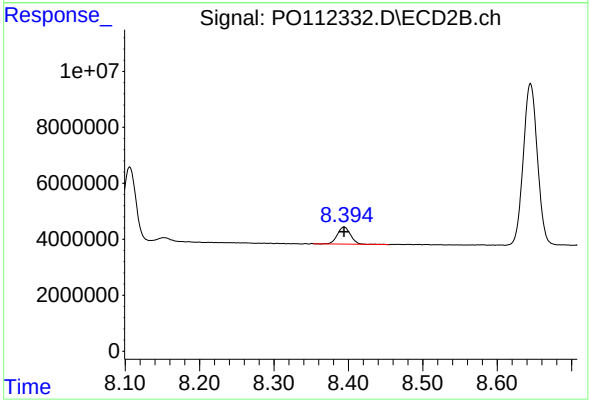
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 30285816
Conc: 271.59 ng/ml



#45 AR-1268-5

R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 31026023
Conc: 9.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 7575024
Conc: 10.43 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:16
Operator : YP/AJ
Sample : Q2645-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.670	3.686	2734574	196552	0.276	0.031	#
2)	SA Decachlor...	8.696	8.644	7631405	3019914	1.116	1.752	#
	Target Compounds							
3)	L1 AR-1016-1	4.745	4.759	454108	250767	1.335	1.125	
4)	L1 AR-1016-2	4.785	4.778	1013571	121090	2.038	0.368	#
5)	L1 AR-1016-3	4.841	4.949	323691	165203	1.000	0.973	
6)	L1 AR-1016-4	4.964	4.998	600768	345841	2.339	2.520	
7)	L1 AR-1016-5	5.224	5.204	13038561	1238169	47.645	7.180	#
8)	L2 AR-1221-1	3.898	3.875	1202371	1152988	10.311	14.010	#
9)	L2 AR-1221-2	3.986	3.960	596584	1651413	7.567	27.823	#
10)	L2 AR-1221-3	4.044	4.031	519196	1608047	1.926	8.518	#
11)	L3 AR-1232-1	4.044	4.031	519196	1608047	2.419	10.713	#
12)	L3 AR-1232-2	4.535	4.759	353881	250767	3.114	1.638	#
13)	L3 AR-1232-3	4.785	4.940	1013571	203457	4.426	2.695	#
14)	L3 AR-1232-4	4.964	5.018	600768	136203	5.256	2.064	#
15)	L3 AR-1232-5	4.982	5.192	730311	918445	9.950	12.368	
16)	L4 AR-1242-1	4.745	4.740	454108	21773	1.568	0.112	#
17)	L4 AR-1242-2	4.785	4.759	1013571	250767	2.380	0.885	#
18)	L4 AR-1242-3	4.826	4.940	965650	203457	3.528	1.397	#
19)	L4 AR-1242-4	4.964	5.018	600768	136203	2.666	0.960	#
20)	L4 AR-1242-5	5.597	5.534	57306659	5158403	270.735	28.384	#
21)	L5 AR-1248-1	4.745	4.740	454108	21773	2.001	0.141	#
22)	L5 AR-1248-2	4.982	4.975	730311	50900	2.369	0.247	#
23)	L5 AR-1248-3	5.224	5.018	13038561	136203	32.011	0.634	#
24)	L5 AR-1248-4	5.597	5.192	57306659	918445	99.293	3.550	#
25)	L5 AR-1248-5	5.597	5.582	57306659	3577466	146.826	14.278	#
26)	L6 AR-1254-1	5.597	5.534	57306659	5158403	93.164	13.533	#
27)	L6 AR-1254-2	5.727	5.683	1728381	3126456	3.226	9.422	#
28)	L6 AR-1254-3	6.128	6.105	10031393	1793602	11.948	3.721	#
29)	L6 AR-1254-4	6.328	6.337	9642180	1054087	20.045	4.043	#
30)	L6 AR-1254-5	6.748	6.711	1556514	6917950	2.011	19.413	#
31)	L7 AR-1260-1	6.265	6.239	29030663	2581822	57.918	9.202	#
32)	L7 AR-1260-2	6.414	6.414	17148286	1783368	23.232	5.245	#
33)	L7 AR-1260-3	6.806	6.589	1342193	307484	2.048	1.116	#
34)	L7 AR-1260-4	7.081	7.010f	4654769	108720	10.695	0.542	#
35)	L7 AR-1260-5	7.294	7.336f	382409	163053	0.303	0.364	
36)	L8 AR-1262-1	6.806	6.711f	1342193	6917950	1.314	16.984	#
37)	L8 AR-1262-2	7.294	7.336f	382409	163053	0.233	0.318	#
38)	L8 AR-1262-3	7.594	7.535	989445	2936376	1.541	16.356	#
39)	L8 AR-1262-4	7.643	7.642	1277622	44920	1.192	0.154	#
40)	L8 AR-1262-5	8.150	8.104	1970133	152962	4.396	1.446	#
41)	L9 AR-1268-1	7.594	7.535	989445	2936376	0.538	5.975	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:16
Operator : YP/AJ
Sample : Q2645-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.643	7.642	1277622	44920	0.820	0.108 #
43) L9	AR-1268-3	7.845	7.846	2392297	58785	1.841	0.186 #
44) L9	AR-1268-4	8.150	8.104	1970133	152962	4.101	1.372 #
45) L9	AR-1268-5	8.478f	8.379	1324573	40132	0.406	0.055 #

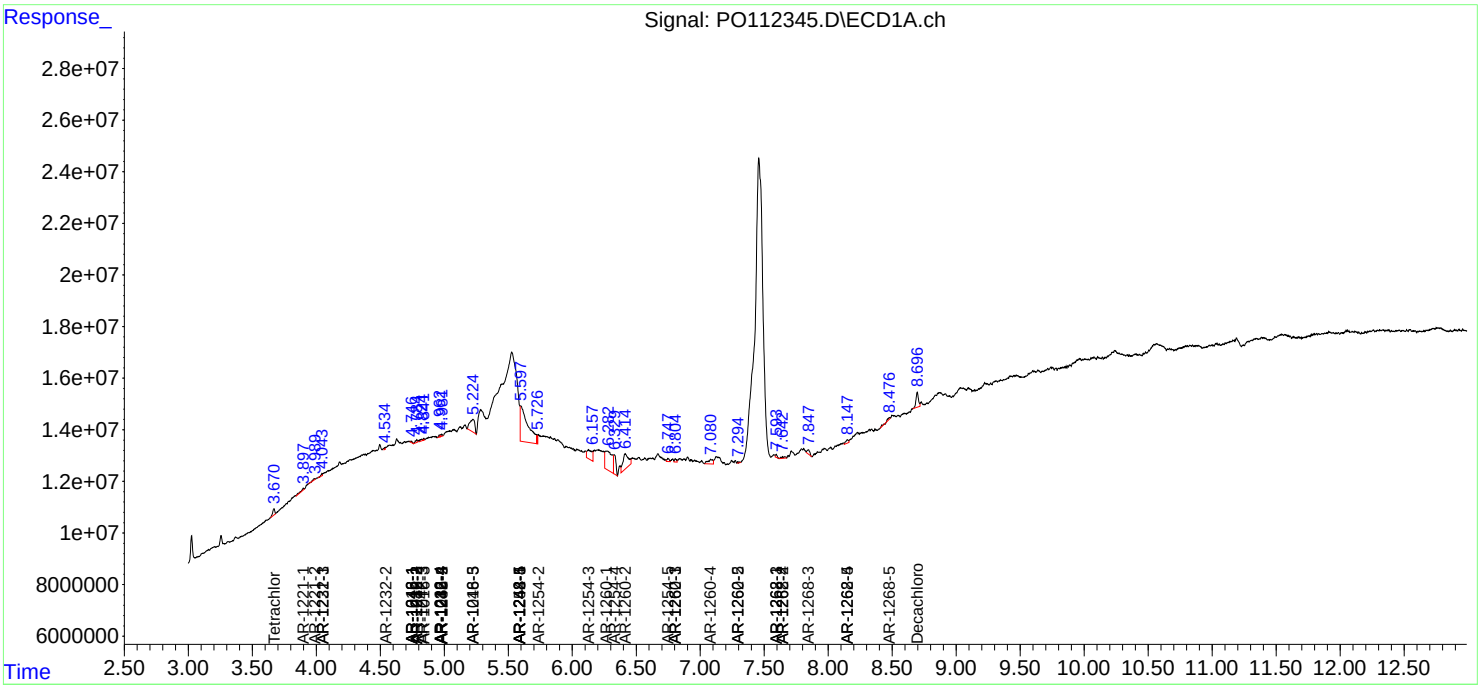
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

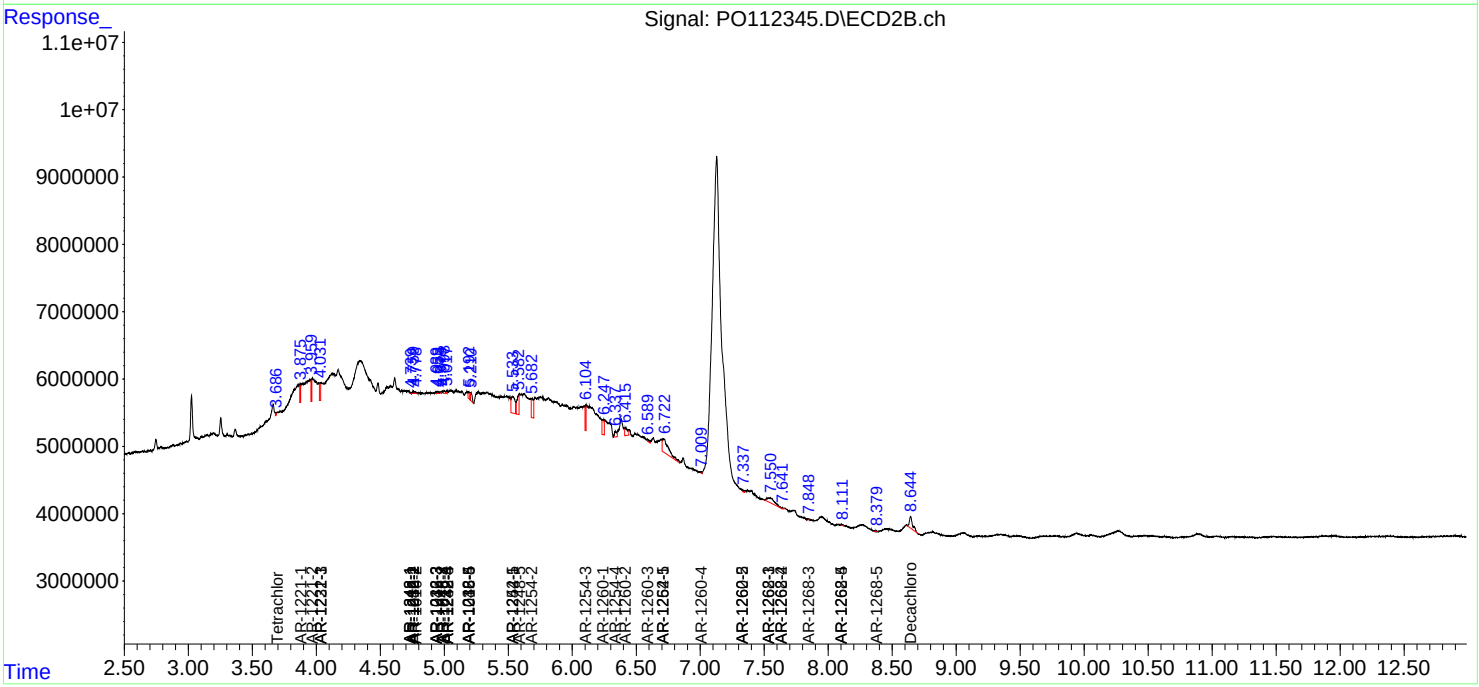
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 15:16
Operator : YP/AJ
Sample : Q2645-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

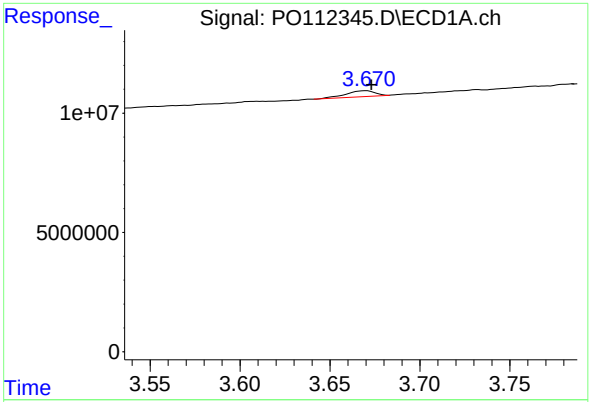
Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:09:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



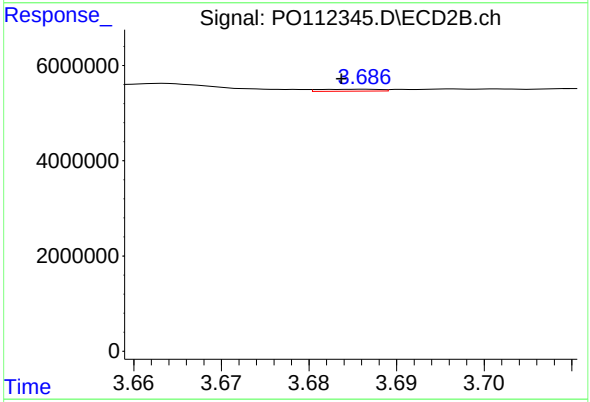




#1 Tetrachloro-m-xylene

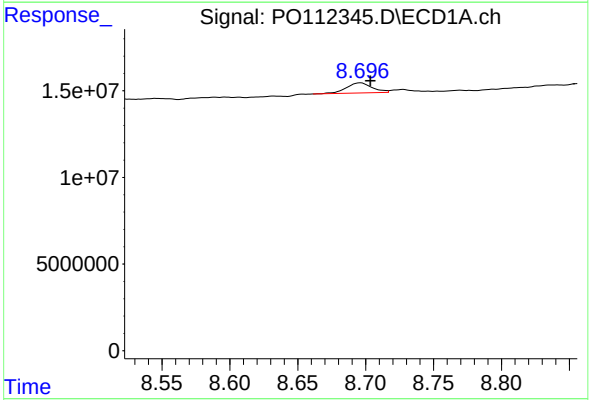
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 2734574
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



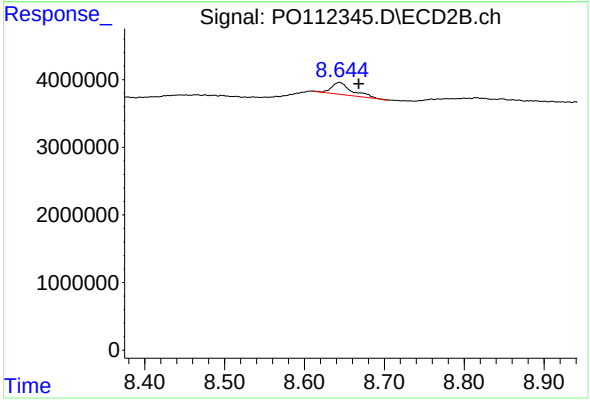
#1 Tetrachloro-m-xylene

R.T.: 3.686 min
Delta R.T.: 0.003 min
Response: 196552
Conc: 0.03 ng/ml



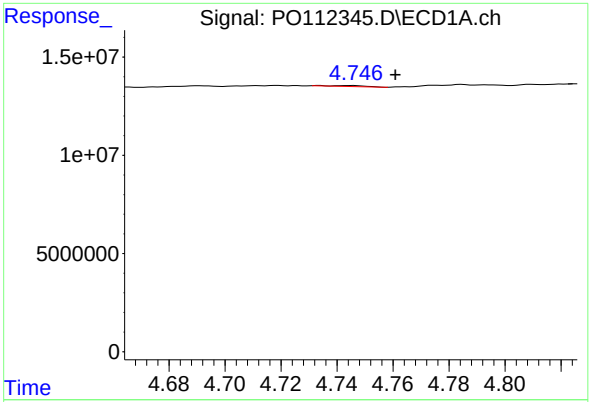
#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.007 min
Response: 7631405
Conc: 1.12 ng/ml



#2 Decachlorobiphenyl

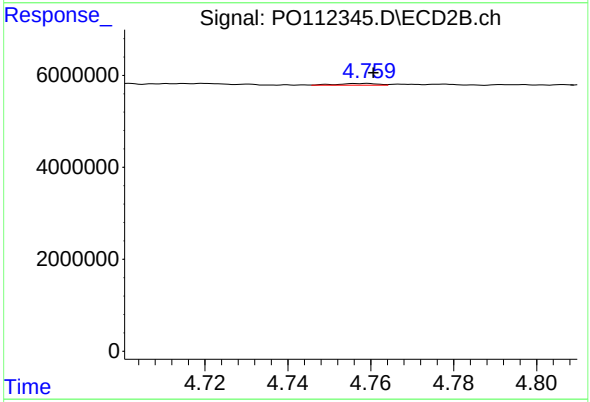
R.T.: 8.644 min
Delta R.T.: -0.024 min
Response: 3019914
Conc: 1.75 ng/ml



#3 AR-1016-1

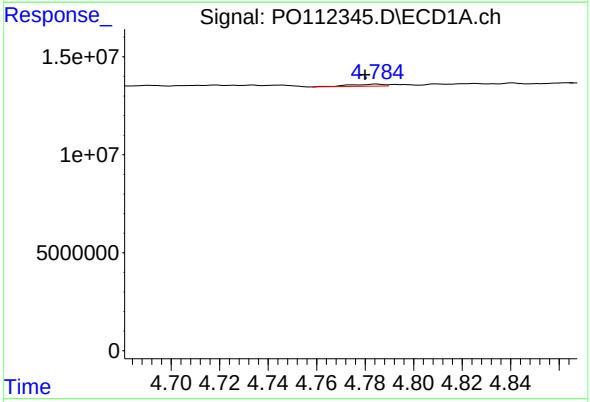
R.T.: 4.745 min
Delta R.T.: -0.016 min
Response: 454108
Conc: 1.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



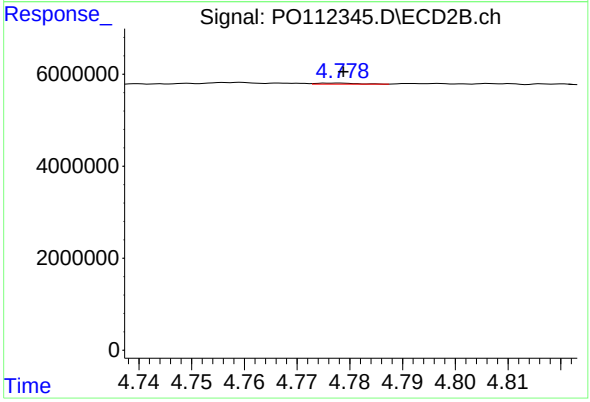
#3 AR-1016-1

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 250767
Conc: 1.13 ng/ml



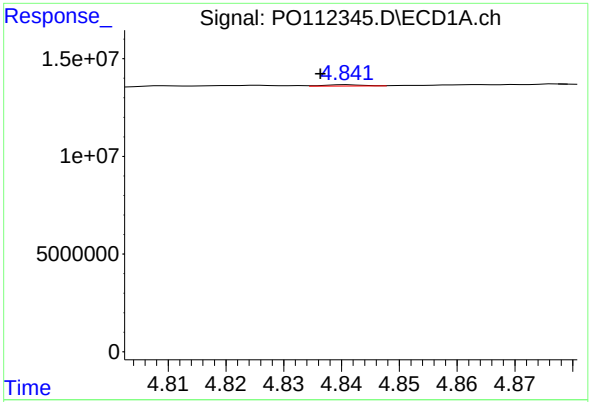
#4 AR-1016-2

R.T.: 4.785 min
Delta R.T.: 0.005 min
Response: 1013571
Conc: 2.04 ng/ml



#4 AR-1016-2

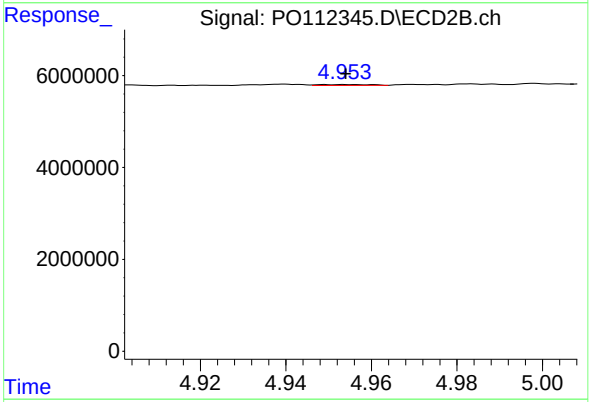
R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 121090
Conc: 0.37 ng/ml



#5 AR-1016-3

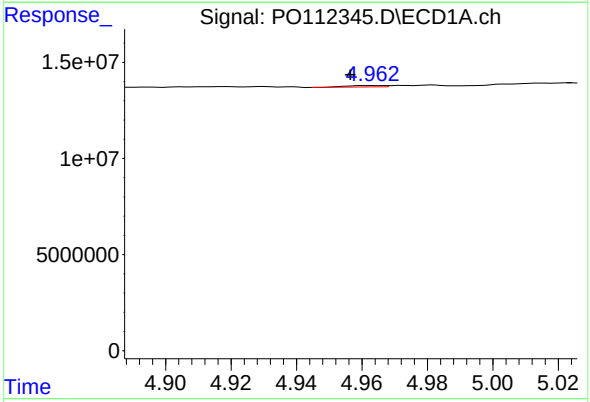
R.T.: 4.841 min
Delta R.T.: 0.005 min
Response: 323691
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



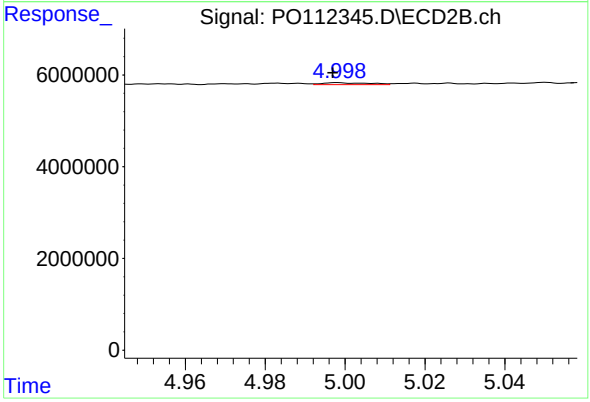
#5 AR-1016-3

R.T.: 4.949 min
Delta R.T.: -0.005 min
Response: 165203
Conc: 0.97 ng/ml



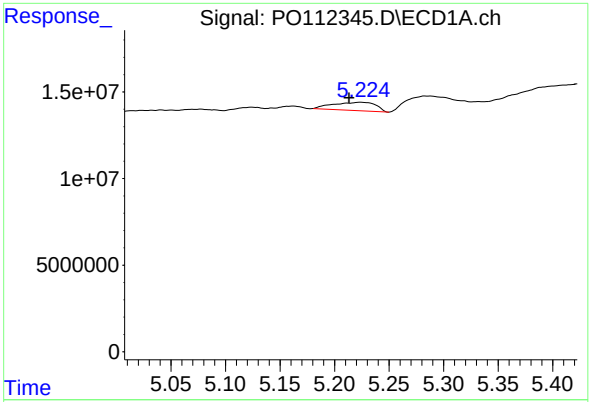
#6 AR-1016-4

R.T.: 4.964 min
Delta R.T.: 0.007 min
Response: 600768
Conc: 2.34 ng/ml



#6 AR-1016-4

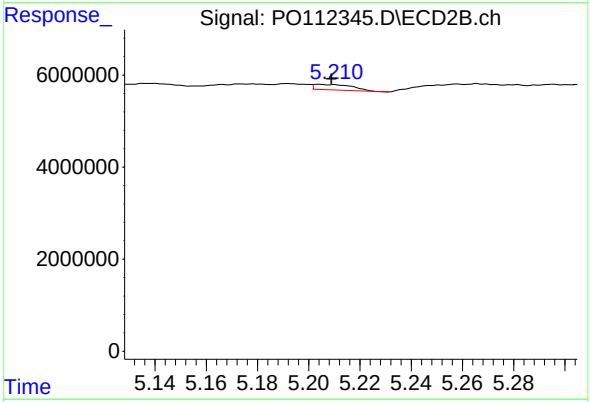
R.T.: 4.998 min
Delta R.T.: 0.001 min
Response: 345841
Conc: 2.52 ng/ml



#7 AR-1016-5

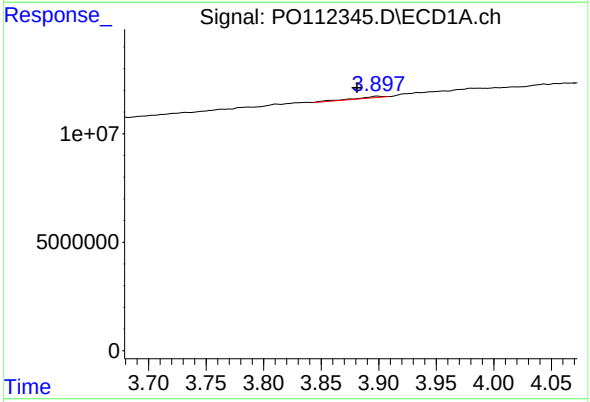
R.T.: 5.224 min
Delta R.T.: 0.011 min
Response: 13038561
Conc: 47.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



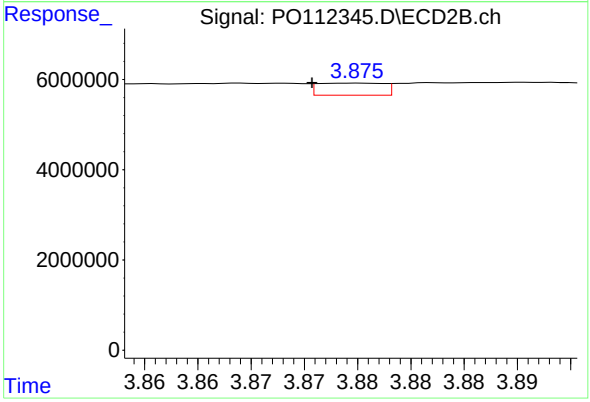
#7 AR-1016-5

R.T.: 5.204 min
Delta R.T.: -0.005 min
Response: 1238169
Conc: 7.18 ng/ml



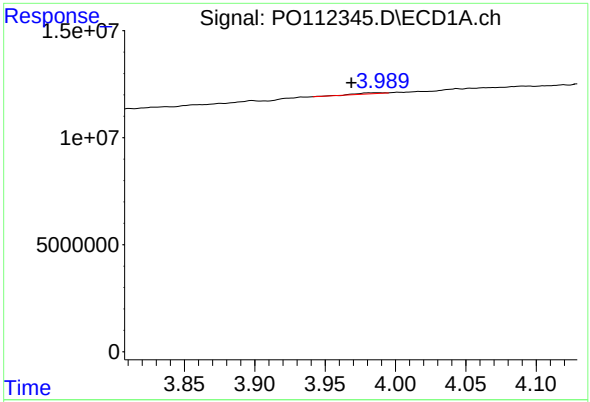
#8 AR-1221-1

R.T.: 3.898 min
Delta R.T.: 0.018 min
Response: 1202371
Conc: 10.31 ng/ml



#8 AR-1221-1

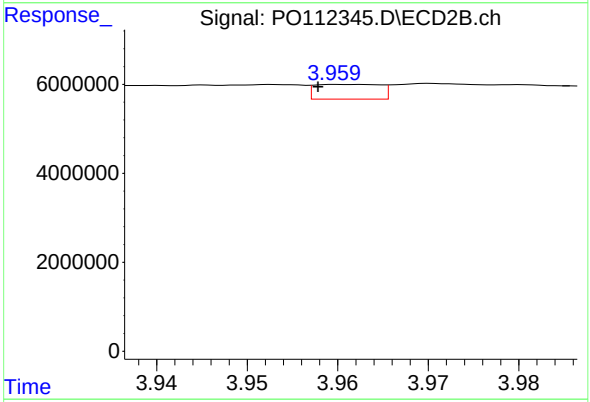
R.T.: 3.875 min
Delta R.T.: 0.004 min
Response: 1152988
Conc: 14.01 ng/ml



#9 AR-1221-2

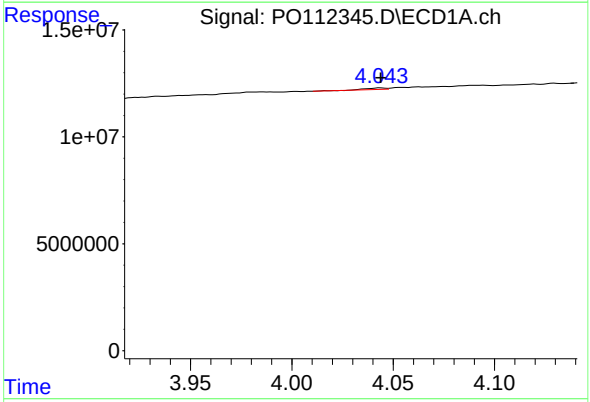
R.T.: 3.986 min
Delta R.T.: 0.017 min
Response: 596584
Conc: 7.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



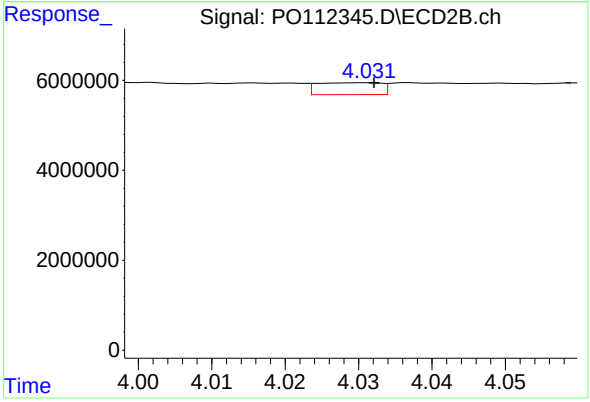
#9 AR-1221-2

R.T.: 3.960 min
Delta R.T.: 0.002 min
Response: 1651413
Conc: 27.82 ng/ml



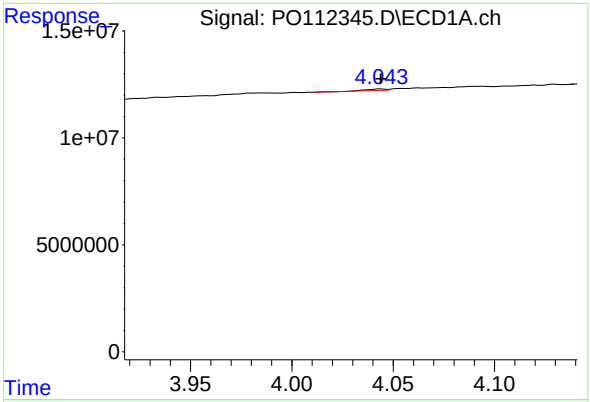
#10 AR-1221-3

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 519196
Conc: 1.93 ng/ml



#10 AR-1221-3

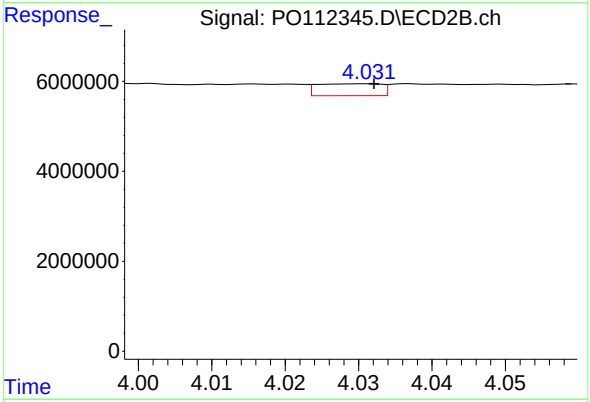
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 1608047
Conc: 8.52 ng/ml



#11 AR-1232-1

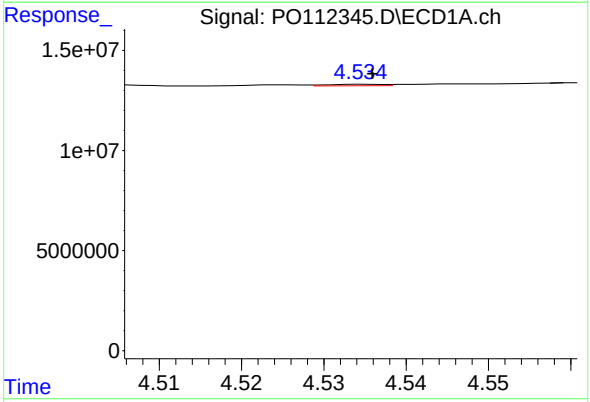
R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 519196
Conc: 2.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



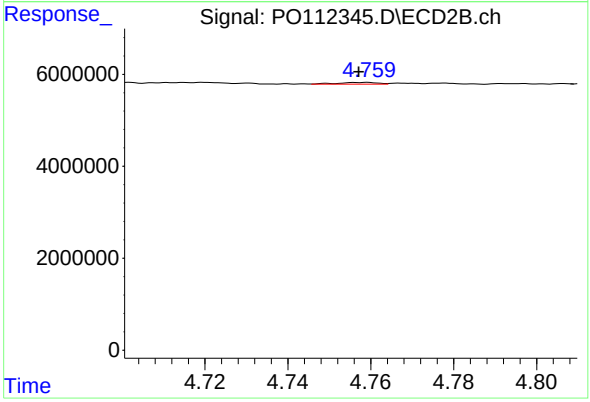
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 1608047
Conc: 10.71 ng/ml



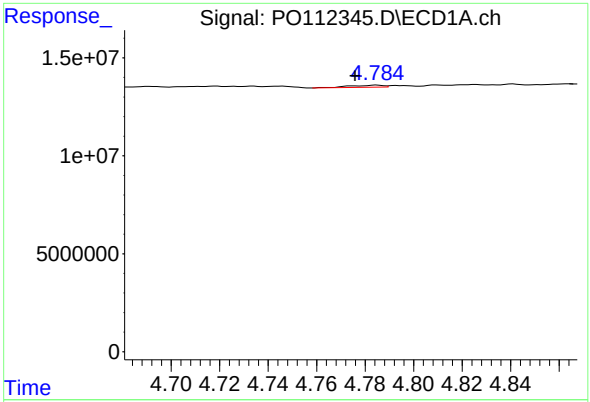
#12 AR-1232-2

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 353881
Conc: 3.11 ng/ml



#12 AR-1232-2

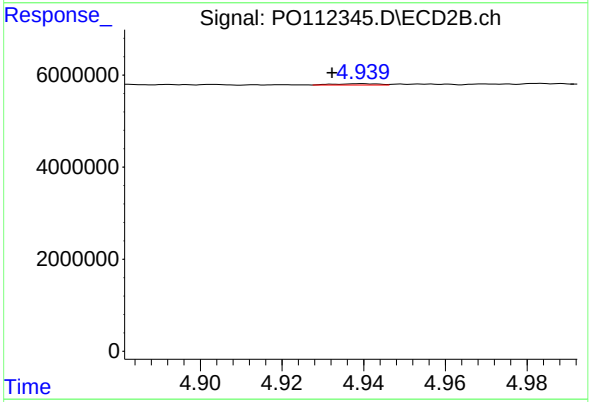
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 250767
Conc: 1.64 ng/ml



#13 AR-1232-3

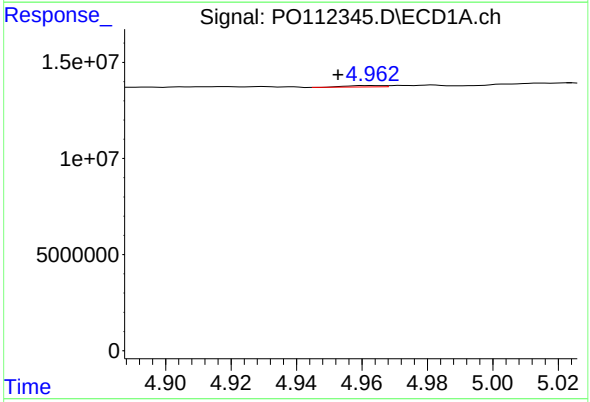
R.T.: 4.785 min
Delta R.T.: 0.009 min
Response: 1013571
Conc: 4.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



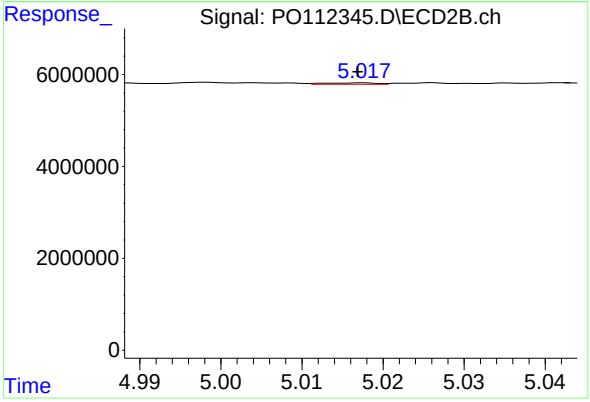
#13 AR-1232-3

R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 203457
Conc: 2.69 ng/ml



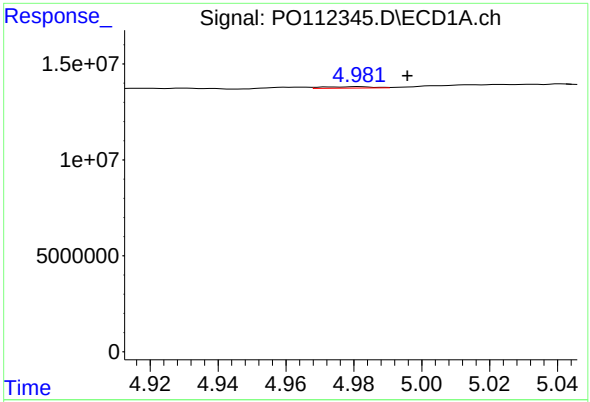
#14 AR-1232-4

R.T.: 4.964 min
Delta R.T.: 0.011 min
Response: 600768
Conc: 5.26 ng/ml



#14 AR-1232-4

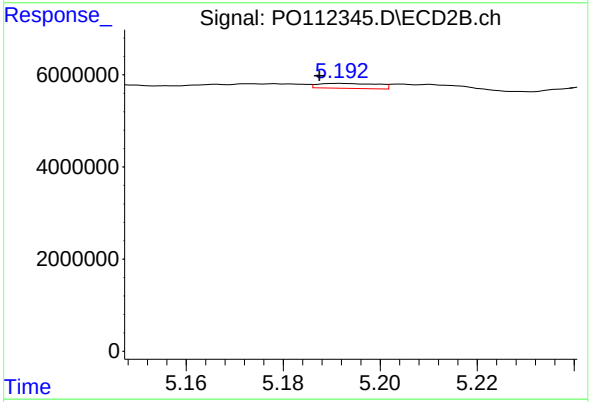
R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 136203
Conc: 2.06 ng/ml



#15 AR-1232-5

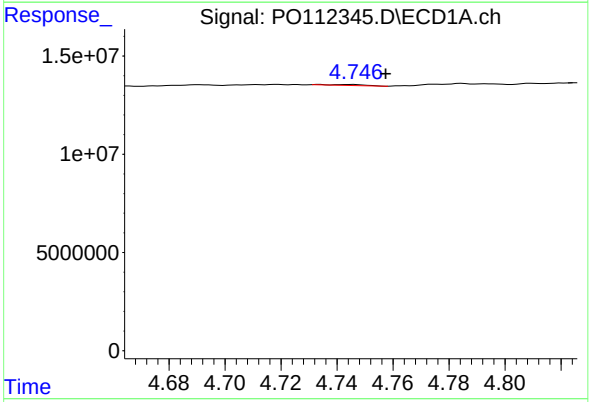
R.T.: 4.982 min
Delta R.T.: -0.014 min
Response: 730311
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



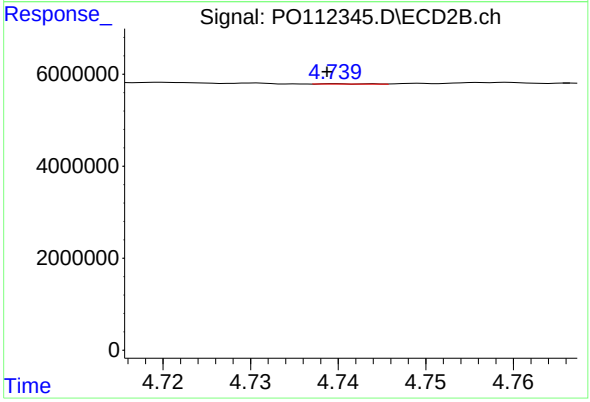
#15 AR-1232-5

R.T.: 5.192 min
Delta R.T.: 0.004 min
Response: 918445
Conc: 12.37 ng/ml



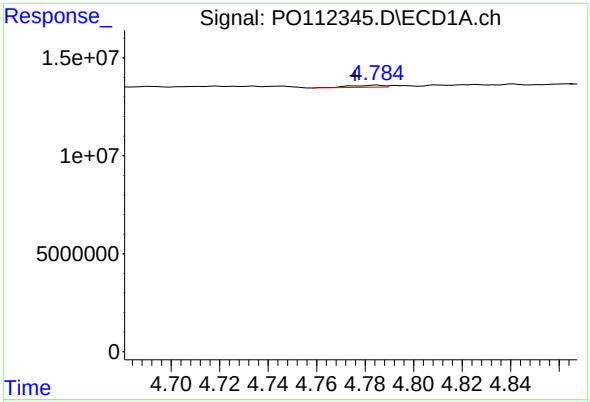
#16 AR-1242-1

R.T.: 4.745 min
Delta R.T.: -0.012 min
Response: 454108
Conc: 1.57 ng/ml



#16 AR-1242-1

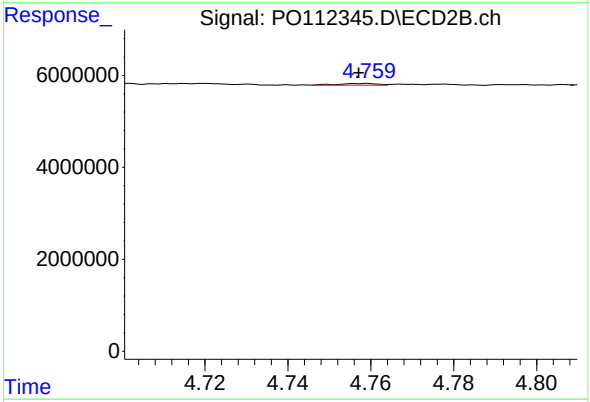
R.T.: 4.740 min
Delta R.T.: 0.001 min
Response: 21773
Conc: 0.11 ng/ml



#17 AR-1242-2

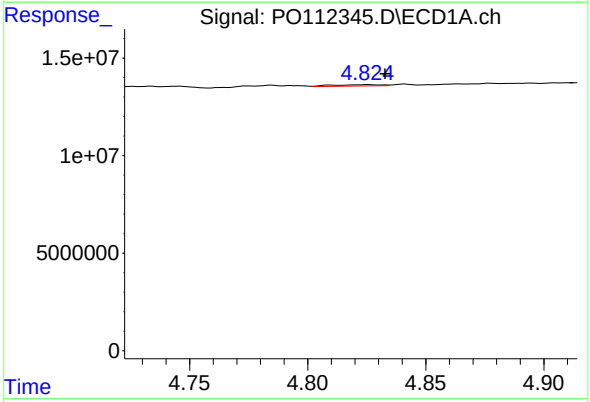
R.T.: 4.785 min
Delta R.T.: 0.009 min
Response: 1013571
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



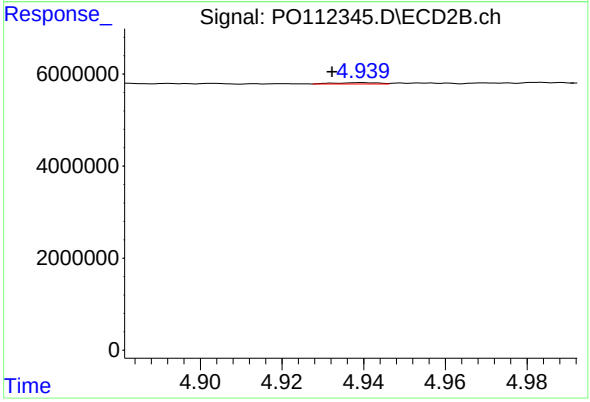
#17 AR-1242-2

R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 250767
Conc: 0.89 ng/ml



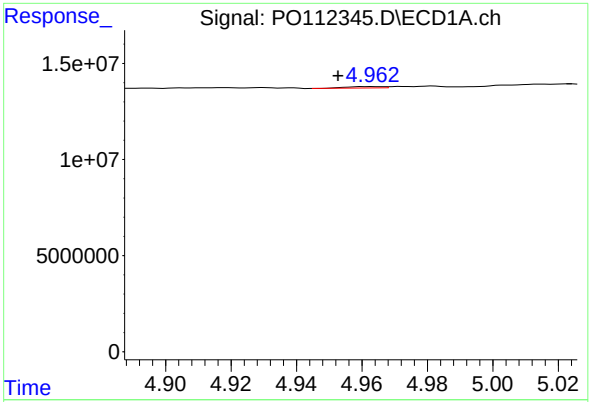
#18 AR-1242-3

R.T.: 4.826 min
Delta R.T.: -0.007 min
Response: 965650
Conc: 3.53 ng/ml



#18 AR-1242-3

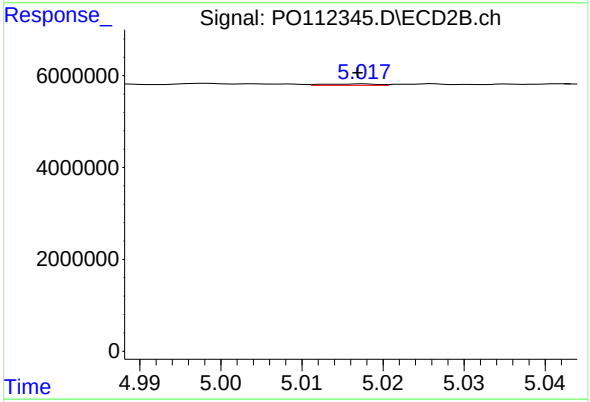
R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 203457
Conc: 1.40 ng/ml



#19 AR-1242-4

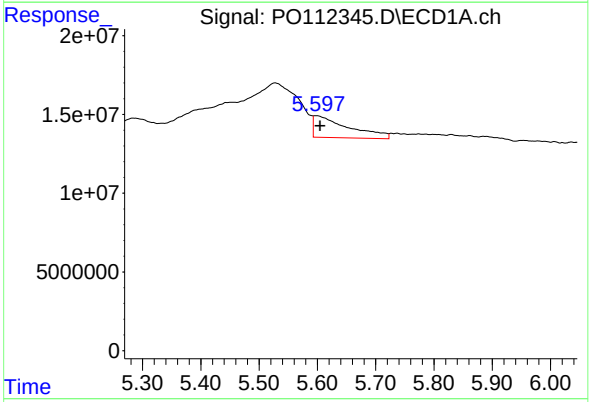
R.T.: 4.964 min
Delta R.T.: 0.011 min
Response: 600768
Conc: 2.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



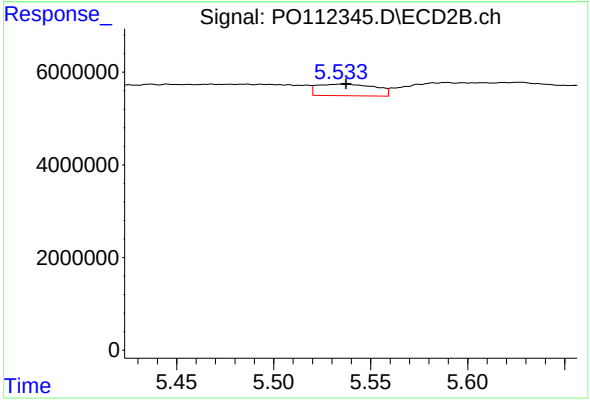
#19 AR-1242-4

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 136203
Conc: 0.96 ng/ml



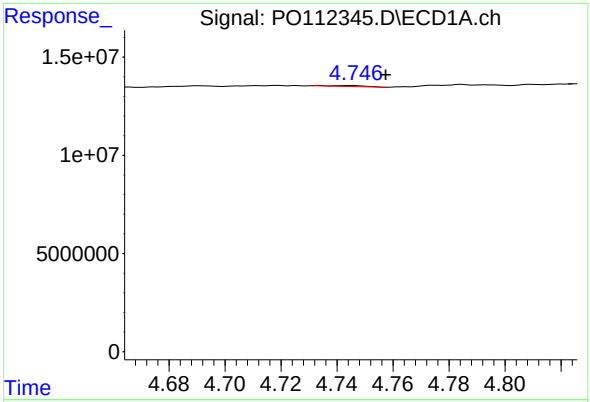
#20 AR-1242-5

R.T.: 5.597 min
Delta R.T.: -0.008 min
Response: 57306659
Conc: 270.73 ng/ml



#20 AR-1242-5

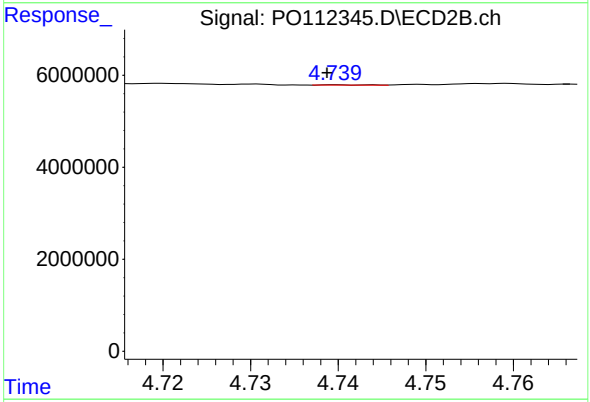
R.T.: 5.534 min
Delta R.T.: -0.003 min
Response: 5158403
Conc: 28.38 ng/ml



#21 AR-1248-1

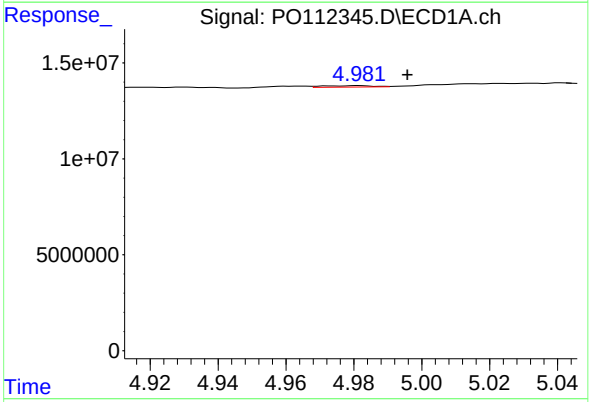
R.T.: 4.745 min
Delta R.T.: -0.012 min
Response: 454108
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



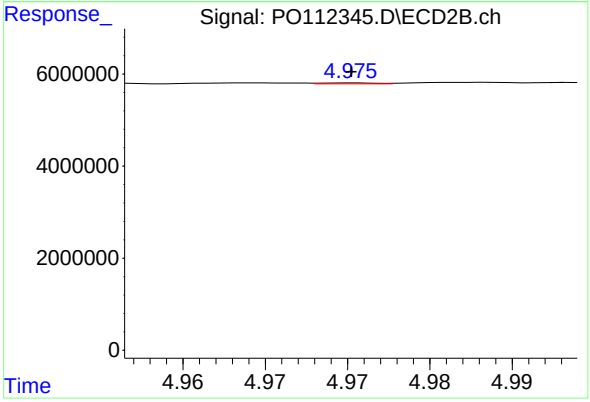
#21 AR-1248-1

R.T.: 4.740 min
Delta R.T.: 0.001 min
Response: 21773
Conc: 0.14 ng/ml



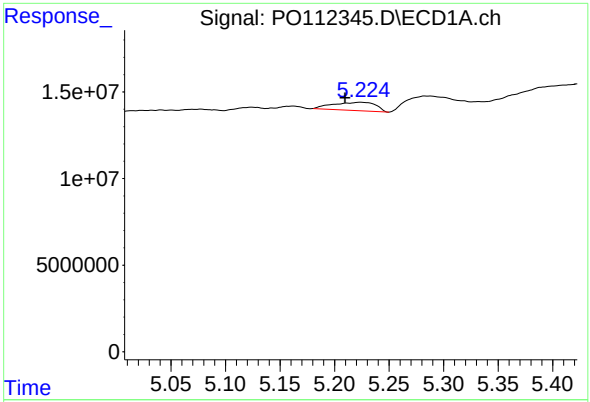
#22 AR-1248-2

R.T.: 4.982 min
Delta R.T.: -0.014 min
Response: 730311
Conc: 2.37 ng/ml



#22 AR-1248-2

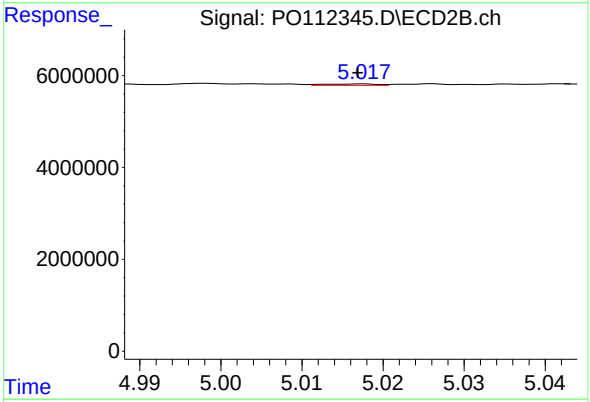
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 50900
Conc: 0.25 ng/ml



#23 AR-1248-3

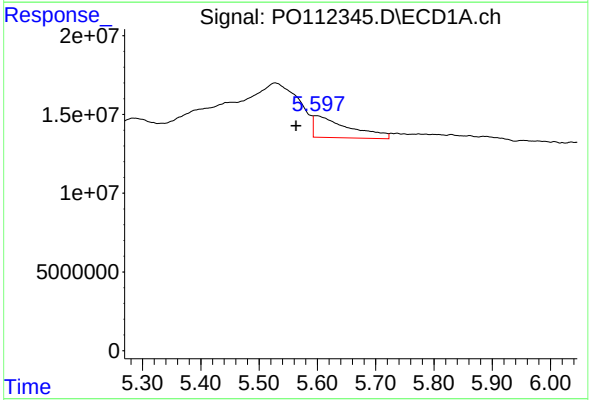
R.T.: 5.224 min
Delta R.T.: 0.014 min
Response: 13038561
Conc: 32.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



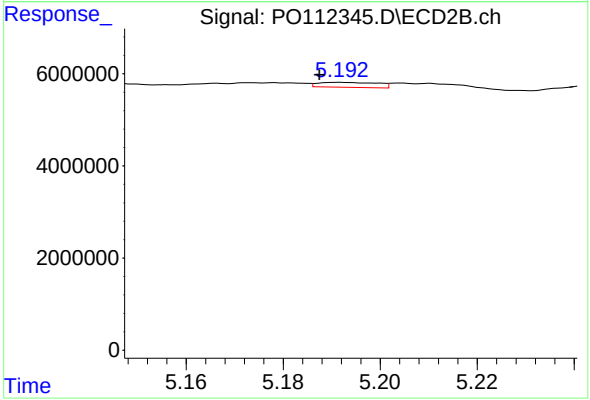
#23 AR-1248-3

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 136203
Conc: 0.63 ng/ml



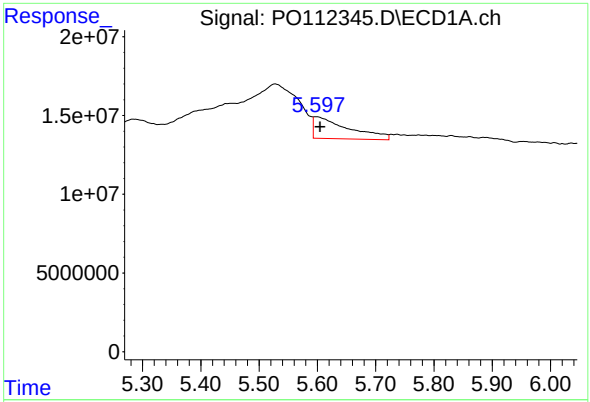
#24 AR-1248-4

R.T.: 5.597 min
Delta R.T.: 0.034 min
Response: 57306659
Conc: 99.29 ng/ml



#24 AR-1248-4

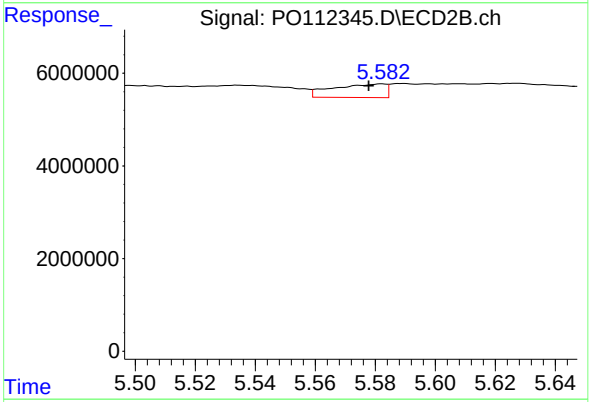
R.T.: 5.192 min
Delta R.T.: 0.004 min
Response: 918445
Conc: 3.55 ng/ml



#25 AR-1248-5

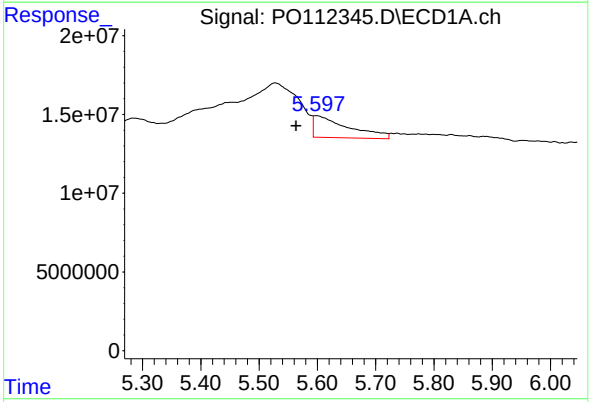
R.T.: 5.597 min
Delta R.T.: -0.008 min
Response: 57306659
Conc: 146.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



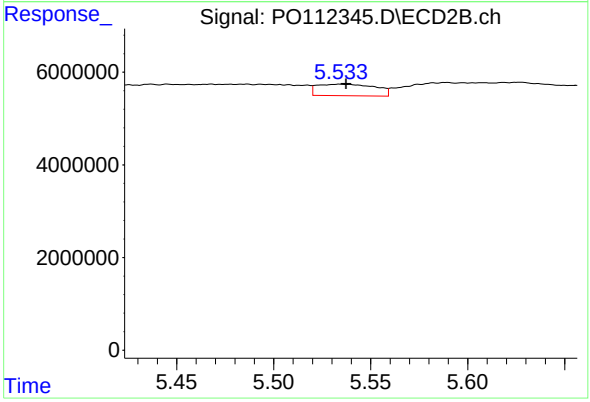
#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: 0.004 min
Response: 3577466
Conc: 14.28 ng/ml



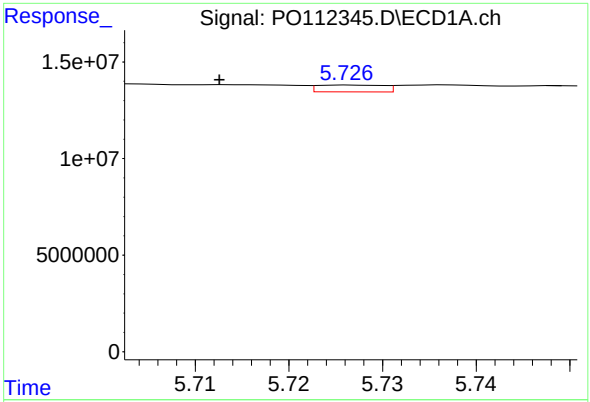
#26 AR-1254-1

R.T.: 5.597 min
Delta R.T.: 0.034 min
Response: 57306659
Conc: 93.16 ng/ml



#26 AR-1254-1

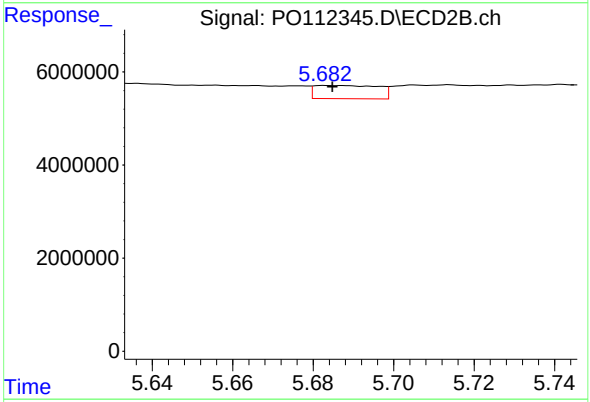
R.T.: 5.534 min
Delta R.T.: -0.003 min
Response: 5158403
Conc: 13.53 ng/ml



#27 AR-1254-2

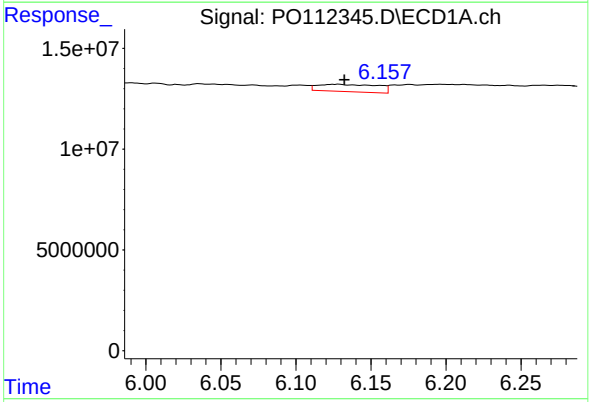
R.T.: 5.727 min
Delta R.T.: 0.014 min
Response: 1728381
Conc: 3.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



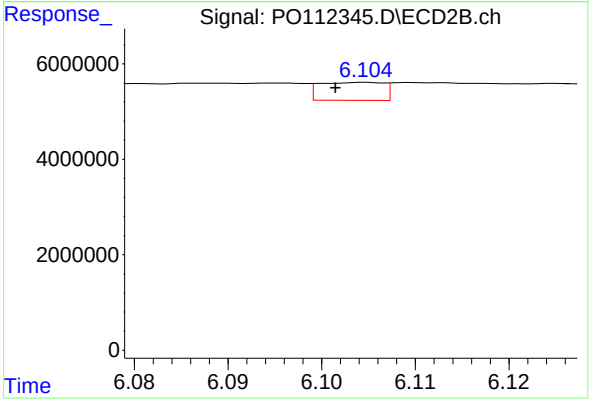
#27 AR-1254-2

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 3126456
Conc: 9.42 ng/ml



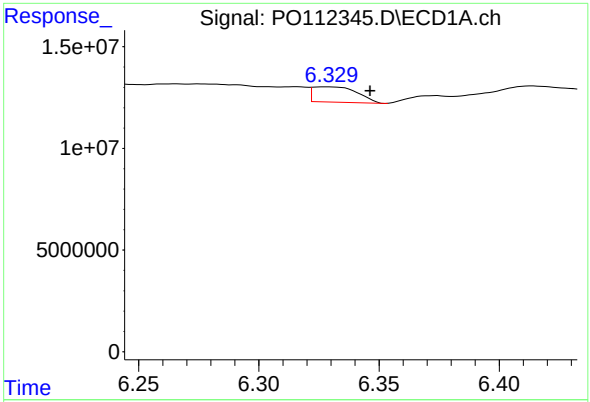
#28 AR-1254-3

R.T.: 6.128 min
Delta R.T.: -0.005 min
Response: 10031393
Conc: 11.95 ng/ml



#28 AR-1254-3

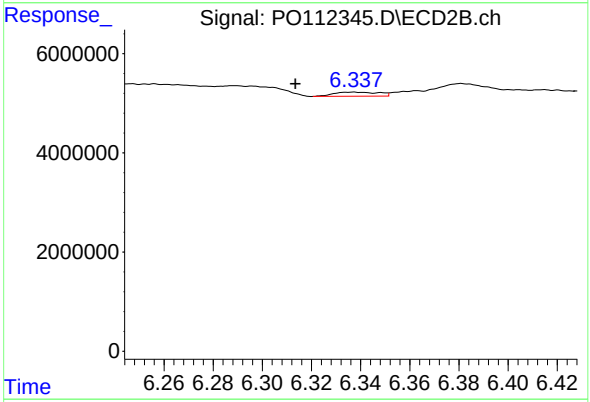
R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 1793602
Conc: 3.72 ng/ml



#29 AR-1254-4

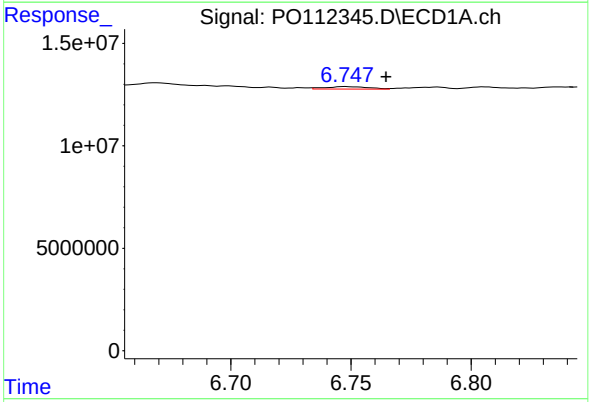
R.T.: 6.328 min
Delta R.T.: -0.018 min
Response: 9642180
Conc: 20.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



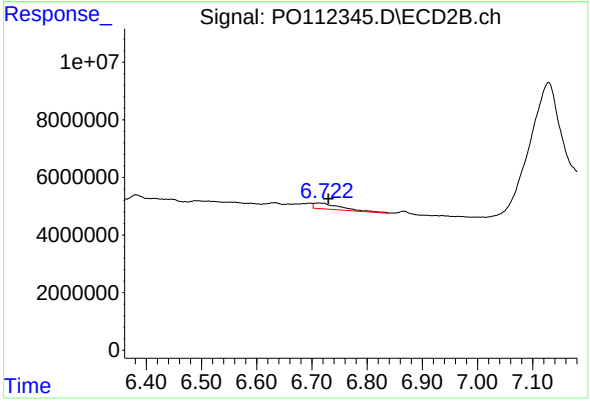
#29 AR-1254-4

R.T.: 6.337 min
Delta R.T.: 0.024 min
Response: 1054087
Conc: 4.04 ng/ml



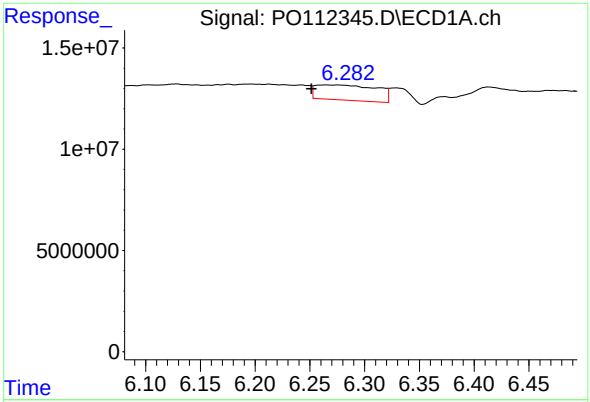
#30 AR-1254-5

R.T.: 6.748 min
Delta R.T.: -0.016 min
Response: 1556514
Conc: 2.01 ng/ml



#30 AR-1254-5

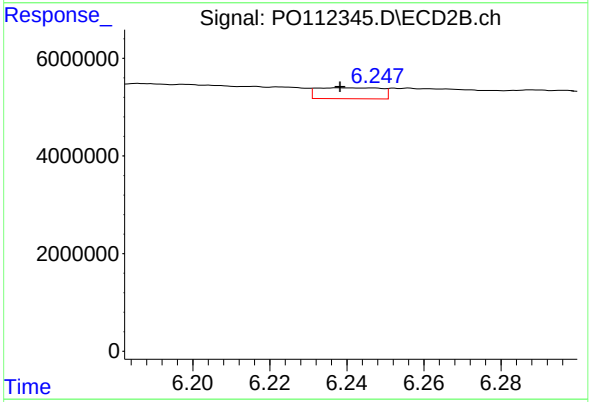
R.T.: 6.711 min
Delta R.T.: -0.019 min
Response: 6917950
Conc: 19.41 ng/ml



#31 AR-1260-1

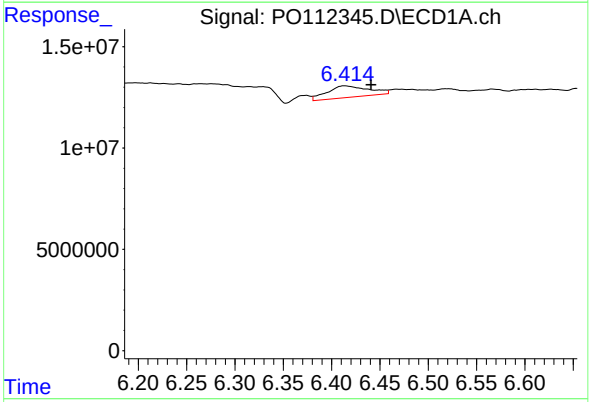
R.T.: 6.265 min
Delta R.T.: 0.013 min
Response: 29030663
Conc: 57.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



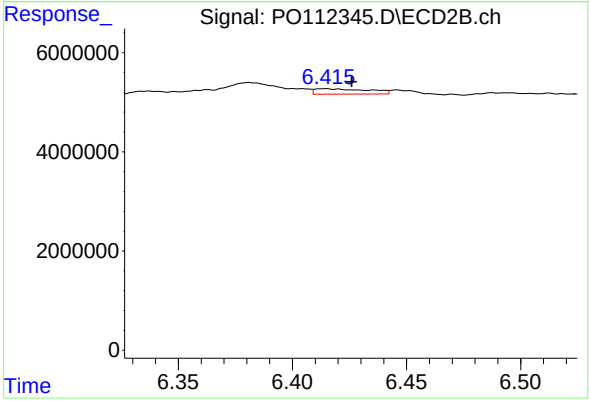
#31 AR-1260-1

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 2581822
Conc: 9.20 ng/ml



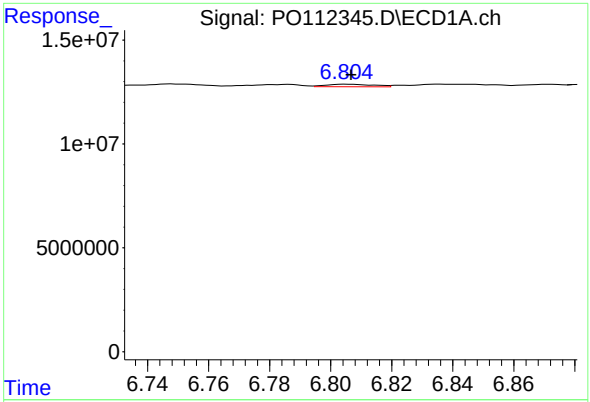
#32 AR-1260-2

R.T.: 6.414 min
Delta R.T.: -0.027 min
Response: 17148286
Conc: 23.23 ng/ml



#32 AR-1260-2

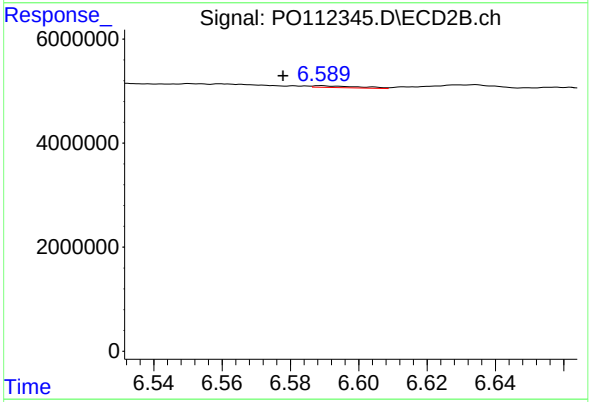
R.T.: 6.414 min
Delta R.T.: -0.012 min
Response: 1783368
Conc: 5.25 ng/ml



#33 AR-1260-3

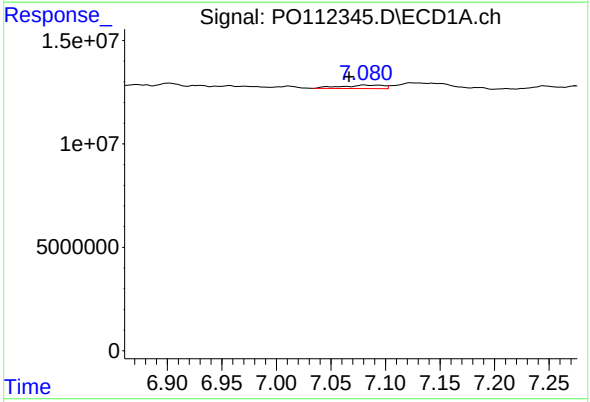
R.T.: 6.806 min
Delta R.T.: -0.001 min
Response: 1342193
Conc: 2.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



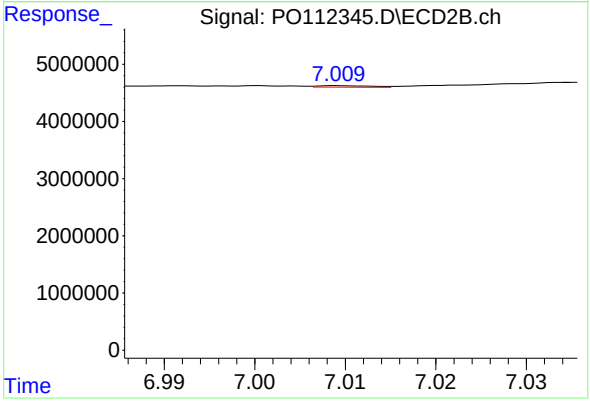
#33 AR-1260-3

R.T.: 6.589 min
Delta R.T.: 0.011 min
Response: 307484
Conc: 1.12 ng/ml



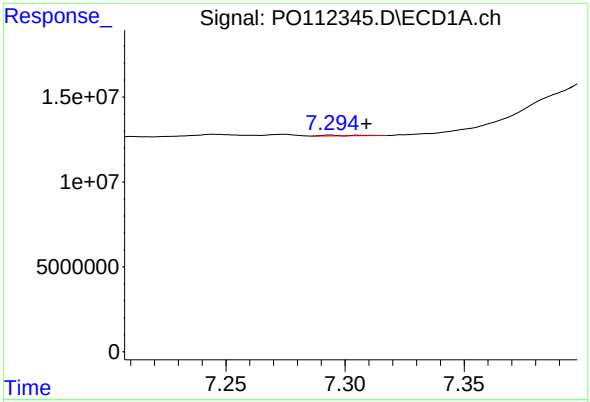
#34 AR-1260-4

R.T.: 7.081 min
Delta R.T.: 0.014 min
Response: 4654769
Conc: 10.69 ng/ml



#34 AR-1260-4

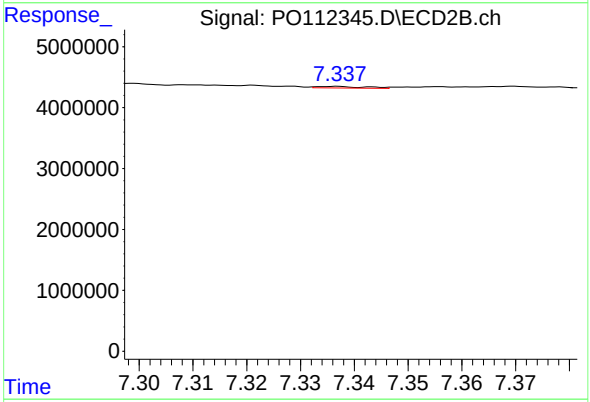
R.T.: 7.010 min
Delta R.T.: -0.038 min
Response: 108720
Conc: 0.54 ng/ml



#35 AR-1260-5

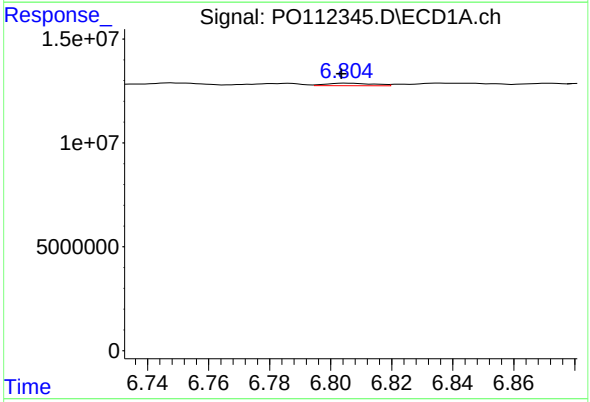
R.T.: 7.294 min
Delta R.T.: -0.015 min
Response: 382409
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



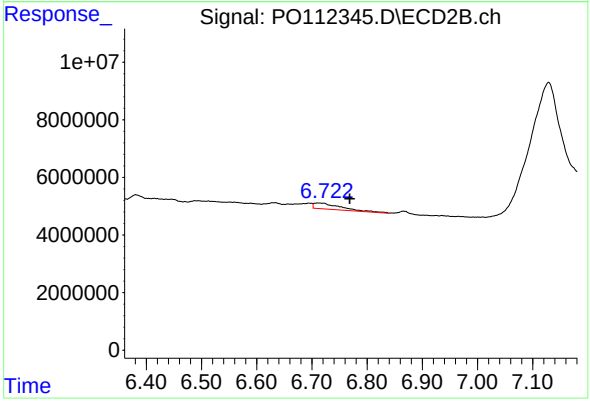
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: 0.047 min
Response: 163053
Conc: 0.36 ng/ml



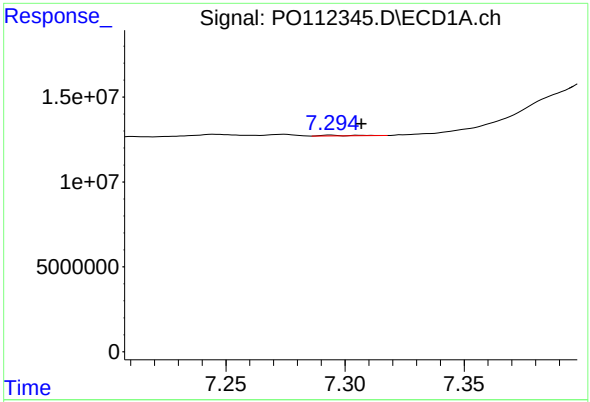
#36 AR-1262-1

R.T.: 6.806 min
Delta R.T.: 0.002 min
Response: 1342193
Conc: 1.31 ng/ml



#36 AR-1262-1

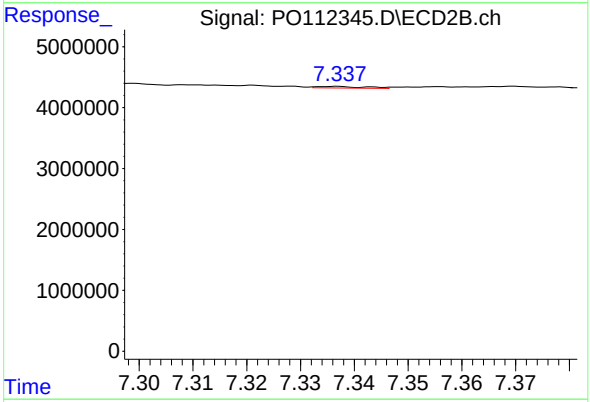
R.T.: 6.711 min
Delta R.T.: -0.057 min
Response: 6917950
Conc: 16.98 ng/ml



#37 AR-1262-2

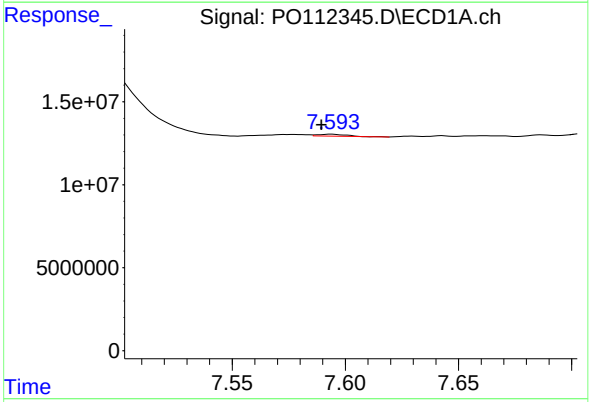
R.T.: 7.294 min
Delta R.T.: -0.013 min
Response: 382409
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



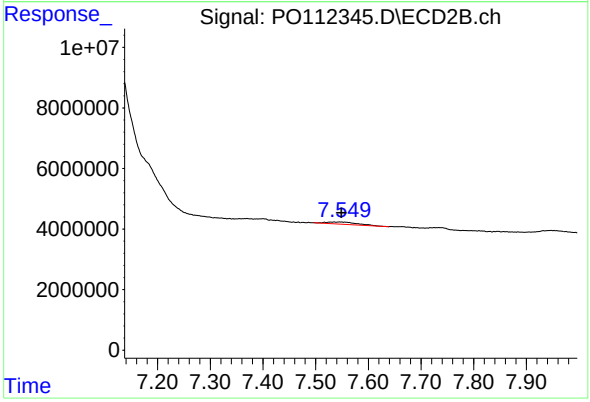
#37 AR-1262-2

R.T.: 7.336 min
Delta R.T.: 0.069 min
Response: 163053
Conc: 0.32 ng/ml



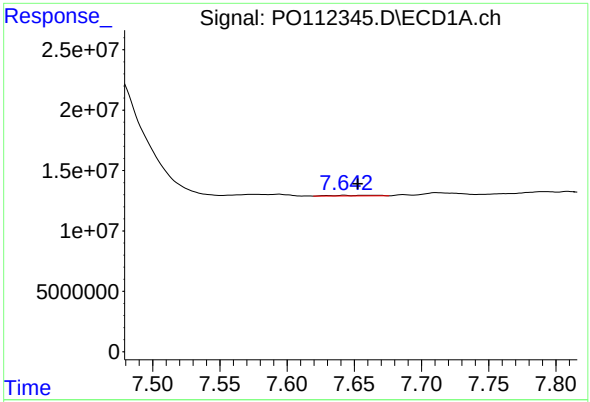
#38 AR-1262-3

R.T.: 7.594 min
Delta R.T.: 0.004 min
Response: 989445
Conc: 1.54 ng/ml



#38 AR-1262-3

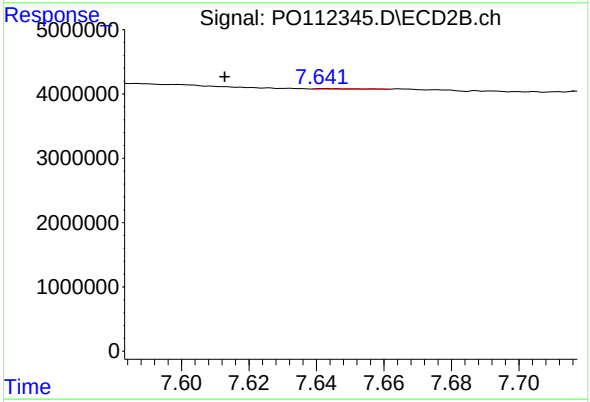
R.T.: 7.535 min
Delta R.T.: -0.013 min
Response: 2936376
Conc: 16.36 ng/ml



#39 AR-1262-4

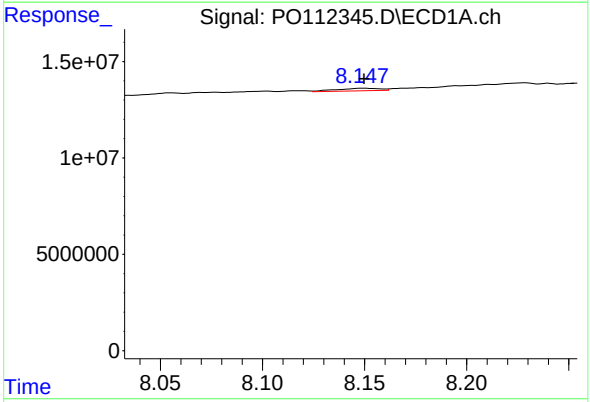
R.T.: 7.643 min
Delta R.T.: -0.010 min
Response: 1277622
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



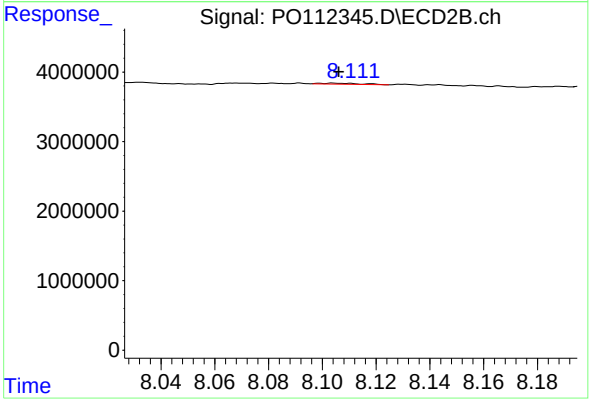
#39 AR-1262-4

R.T.: 7.642 min
Delta R.T.: 0.030 min
Response: 44920
Conc: 0.15 ng/ml



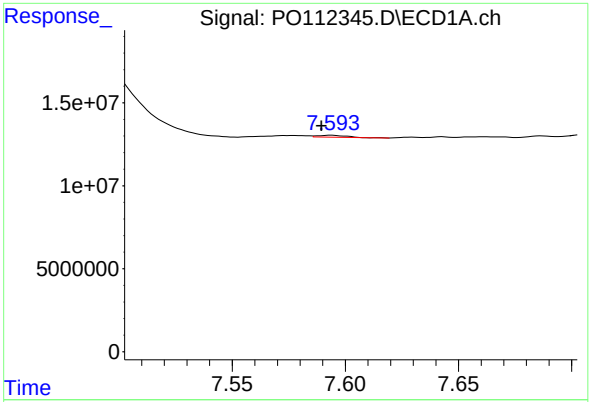
#40 AR-1262-5

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 1970133
Conc: 4.40 ng/ml



#40 AR-1262-5

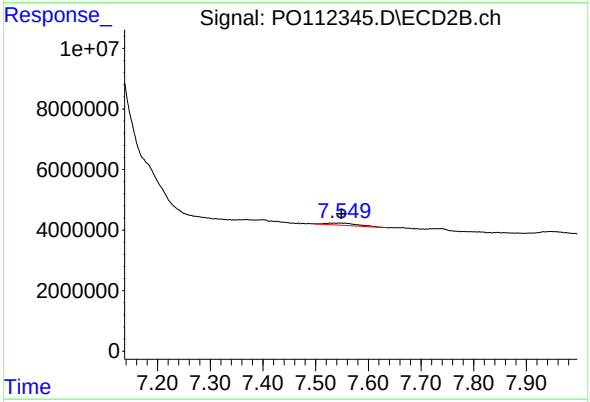
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 152962
Conc: 1.45 ng/ml



#41 AR-1268-1

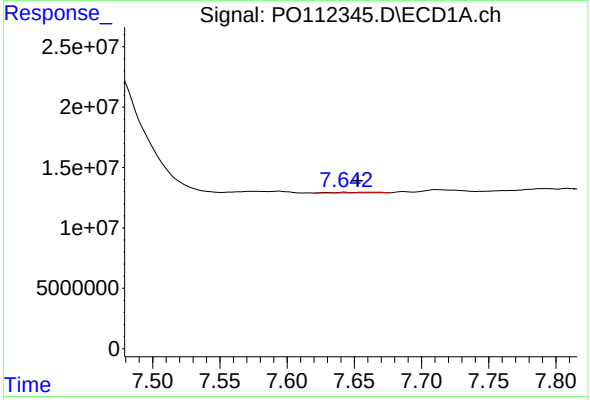
R.T.: 7.594 min
Delta R.T.: 0.004 min
Response: 989445
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



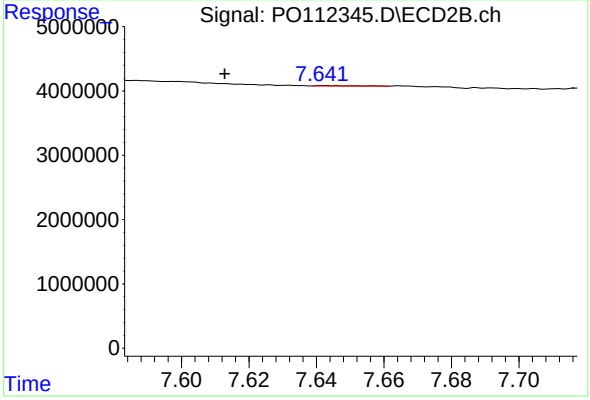
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: -0.013 min
Response: 2936376
Conc: 5.97 ng/ml



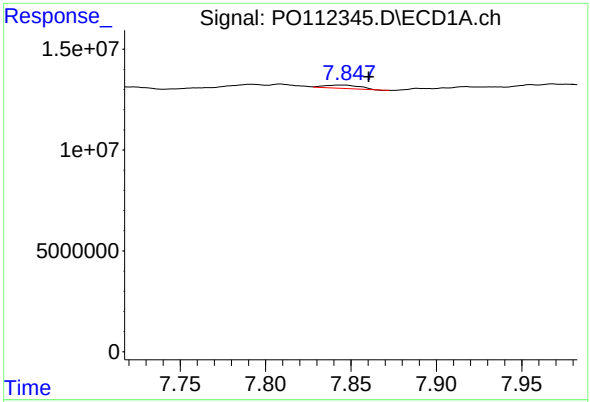
#42 AR-1268-2

R.T.: 7.643 min
Delta R.T.: -0.010 min
Response: 1277622
Conc: 0.82 ng/ml



#42 AR-1268-2

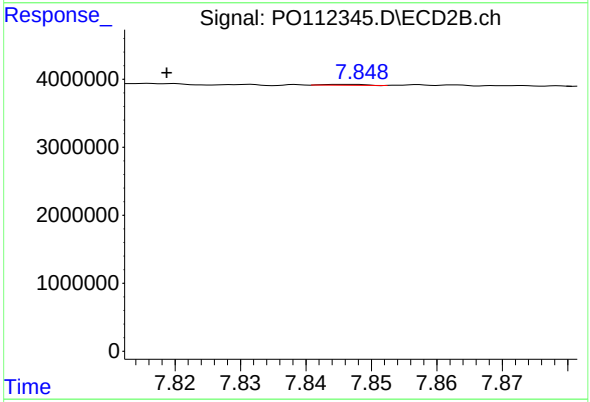
R.T.: 7.642 min
Delta R.T.: 0.030 min
Response: 44920
Conc: 0.11 ng/ml



#43 AR-1268-3

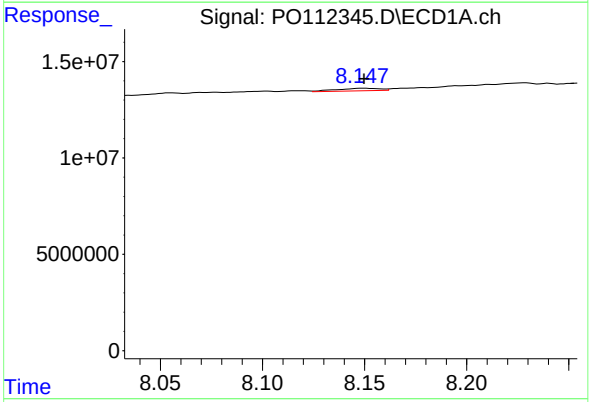
R.T.: 7.845 min
Delta R.T.: -0.016 min
Response: 2392297
Conc: 1.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



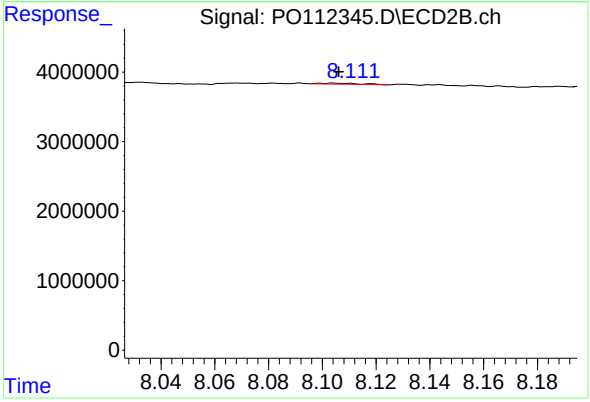
#43 AR-1268-3

R.T.: 7.846 min
Delta R.T.: 0.027 min
Response: 58785
Conc: 0.19 ng/ml



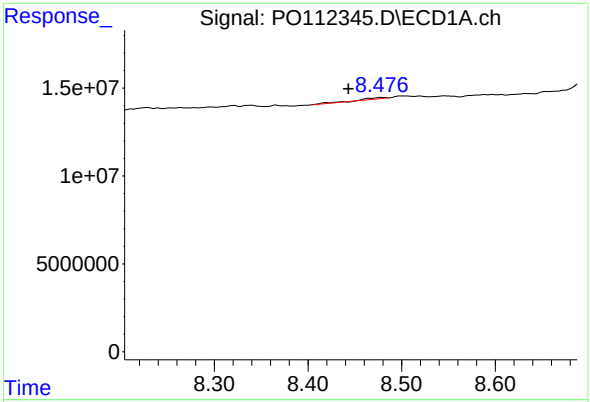
#44 AR-1268-4

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 1970133
Conc: 4.10 ng/ml



#44 AR-1268-4

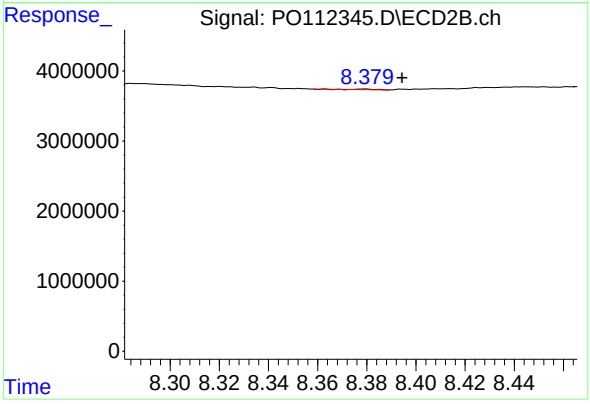
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 152962
Conc: 1.37 ng/ml



#45 AR-1268-5

R.T.: 8.478 min
Delta R.T.: 0.035 min
Response: 1324573
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716



#45 AR-1268-5

R.T.: 8.379 min
Delta R.T.: -0.015 min
Response: 40132
Conc: 0.06 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.669	3.663	530.3E6	312.7E6	53.594	49.077	
2)	SA Decachlor...	8.697	8.645	306.0E6	74451617	44.762	43.199	
	Target Compounds							
3)	L1 AR-1016-1	4.755	4.739	167.7E6	97218771	493.201	436.283	
4)	L1 AR-1016-2	4.774	4.757	250.9E6	135.3E6	504.494	411.128	
5)	L1 AR-1016-3	4.831	4.975	157.2E6	61302098	485.598	360.883	#
6)	L1 AR-1016-4	4.950	5.017	127.0E6	74044940	494.505	539.578	
7)	L1 AR-1016-5	5.208	5.187	141.5E6	82476996	517.122	478.265	
8)	L2 AR-1221-1	3.879	3.871	15722840	10860941	134.828	131.976	
9)	L2 AR-1221-2	3.967	3.958	23372962	15634060	296.459	263.406	
10)	L2 AR-1221-3	4.042	4.032	89050131	57995386	330.327	307.217	
11)	L3 AR-1232-1	4.042	4.032	89050131	57995386	414.828	386.380	
12)	L3 AR-1232-2	4.533	4.757	128.4E6	135.3E6	1129.844	883.826	
13)	L3 AR-1232-3	4.774	4.932	250.9E6	76865187	1095.506	1018.001	
14)	L3 AR-1232-4	4.950	5.017	127.0E6	74044940	1111.045	1122.094	
15)	L3 AR-1232-5	4.994	5.187	95361665	82476996	1299.201	1110.653	
16)	L4 AR-1242-1	4.755	4.739	167.7E6	97218771	579.170	501.494	
17)	L4 AR-1242-2	4.774	4.757	250.9E6	135.3E6	589.033	477.501	
18)	L4 AR-1242-3	4.831	4.932	157.2E6	76865187	574.363	527.640	
19)	L4 AR-1242-4	4.950	5.017	127.0E6	74044940	563.597	522.029	
20)	L4 AR-1242-5	5.603	5.537	36994145	81589337	174.772	448.949	#
21)	L5 AR-1248-1	4.755	4.739	167.7E6	97218771	739.309	629.785	
22)	L5 AR-1248-2	4.994	4.975	95361665	61302098	309.289	297.919	
23)	L5 AR-1248-3	5.208	5.017	141.5E6	74044940	347.433	344.718	
24)	L5 AR-1248-4	5.561	5.187	136.9E6	82476996	237.149	318.780	#
25)	L5 AR-1248-5	5.603	5.577	36994145	23078382	94.783	92.111	
26)	L6 AR-1254-1	5.561	5.537	136.9E6	81589337	222.512	214.051	
27)	L6 AR-1254-2	5.710	5.684	99169571	59758329	185.126	180.097	
28)	L6 AR-1254-3	6.129	6.101	179.6E6	101.2E6	213.949	210.041	
29)	L6 AR-1254-4	6.344	6.312	23749159	13372256	49.373	51.295	
30)	L6 AR-1254-5	6.761	6.729	300.0E6	140.3E6	387.663	393.801	
31)	L7 AR-1260-1	6.245	6.215	226.0E6	125.6E6	450.876	447.762	
32)	L7 AR-1260-2	6.435	6.404	335.1E6	159.1E6	453.990	468.063	
33)	L7 AR-1260-3	6.801	6.556	294.4E6	95203208	449.209	345.457	
34)	L7 AR-1260-4	7.061	7.025	198.1E6	89511018	455.117	446.116	
35)	L7 AR-1260-5	7.304	7.268	561.8E6	205.5E6	444.971	459.066	
36)	L8 AR-1262-1	6.801	6.768	294.4E6	130.4E6	288.198	320.095	
37)	L8 AR-1262-2	7.304	7.268	561.8E6	205.5E6	342.688	401.010	
38)	L8 AR-1262-3	7.587	7.548	142.8E6	45395147	222.427	252.864	
39)	L8 AR-1262-4	7.650	7.612	364.2E6	112.7E6	339.960	387.420	
40)	L8 AR-1262-5	8.147	8.106	125.0E6	31357784	278.982	296.434	
41)	L9 AR-1268-1	7.587	7.548	142.8E6	45395147	77.712	92.369	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.650	7.612	364.2E6	112.7E6	233.849	270.163
43) L9	AR-1268-3	7.858	7.817	6022964	1789840	4.634	5.657
44) L9	AR-1268-4	8.147	8.106	125.0E6	31357784	260.244	281.205
45) L9	AR-1268-5	8.442	8.394	29486963	7543187	9.035	10.383

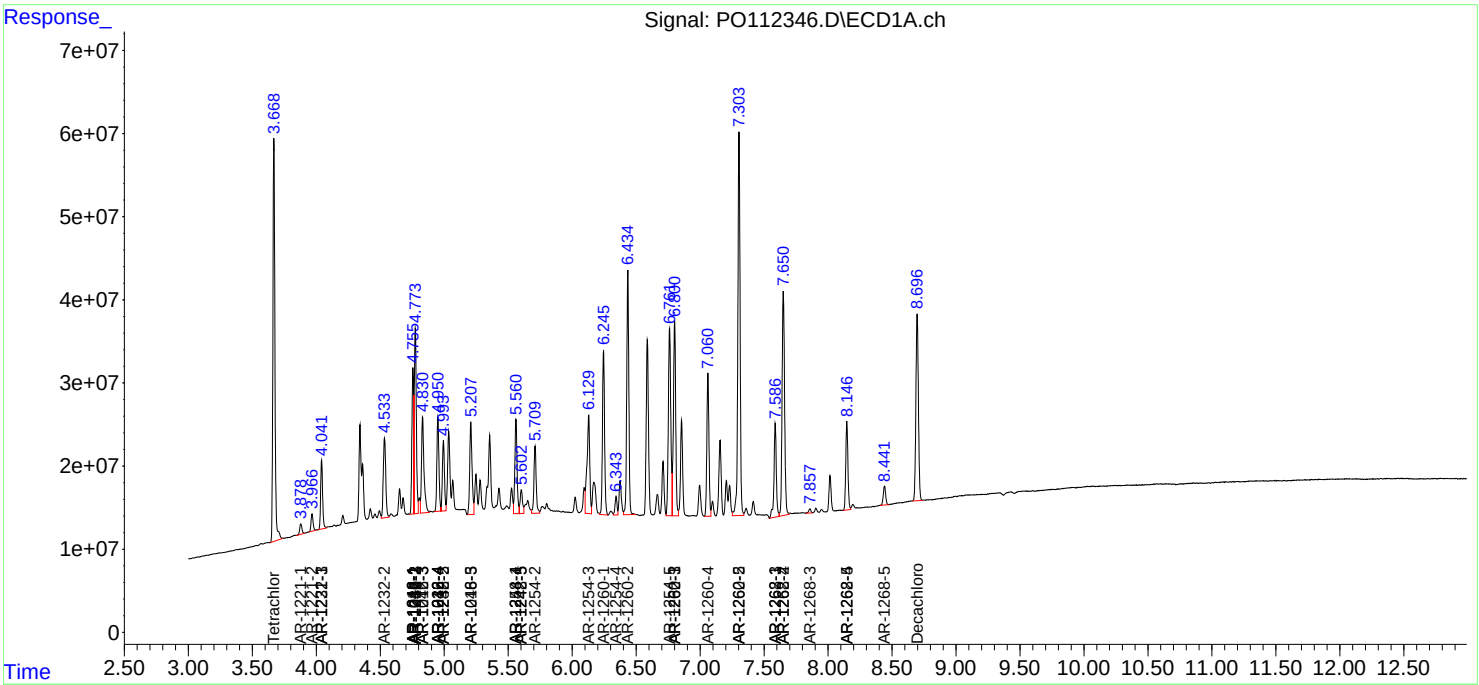
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

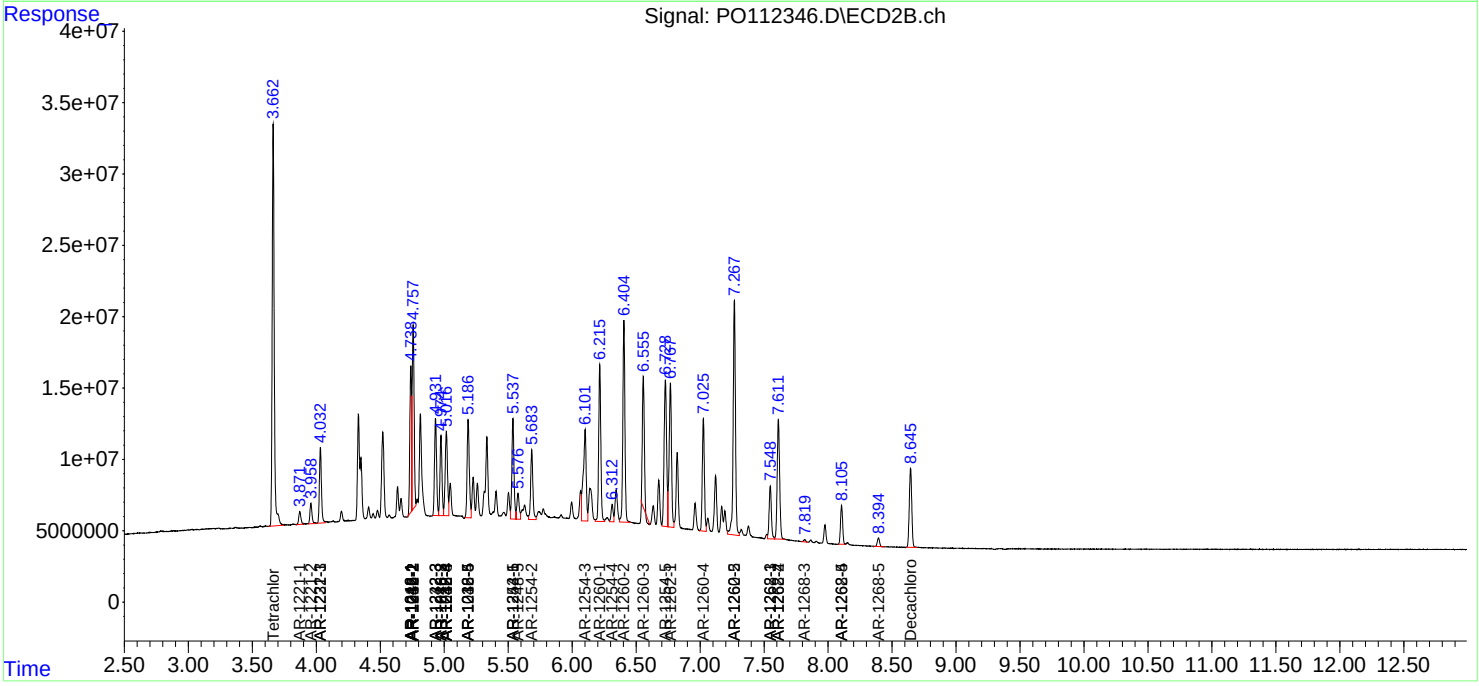
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072125\
Data File : PO112346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 16:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

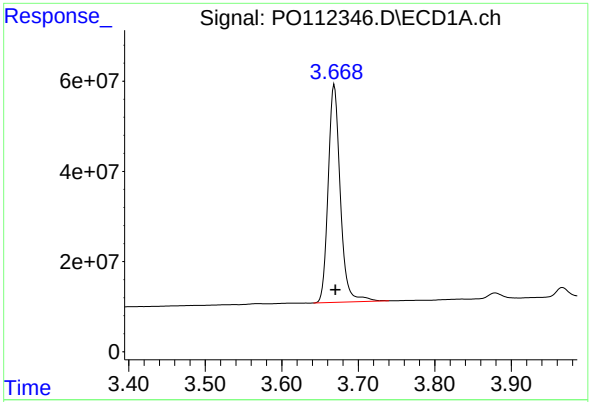
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 21 10:54:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



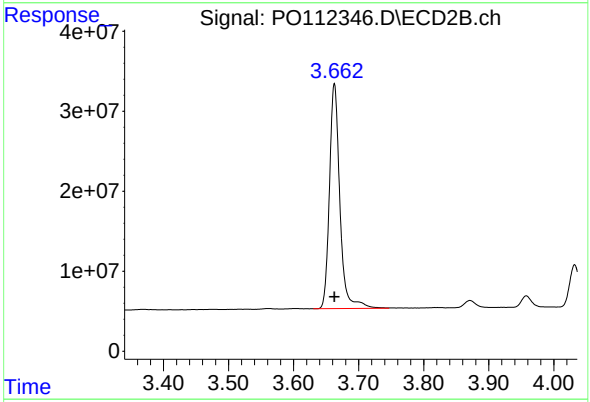




#1 Tetrachloro-m-xylene

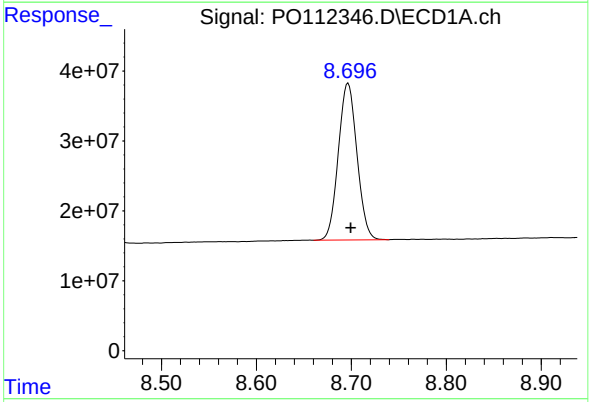
R.T.: 3.669 min
Delta R.T.: -0.001 min
Response: 530299098
Conc: 53.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



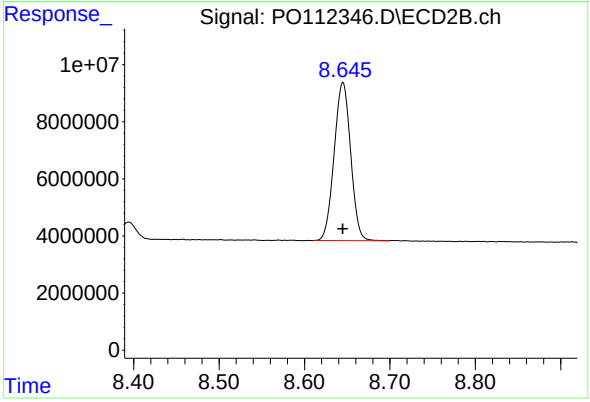
#1 Tetrachloro-m-xylene

R.T.: 3.663 min
Delta R.T.: 0.000 min
Response: 312671778
Conc: 49.08 ng/ml



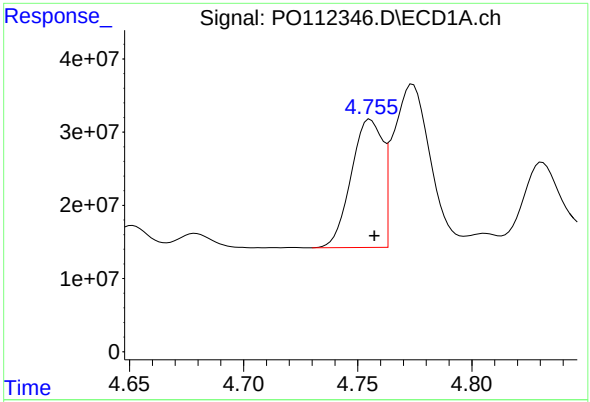
#2 Decachlorobiphenyl

R.T.: 8.697 min
Delta R.T.: -0.003 min
Response: 306036817
Conc: 44.76 ng/ml



#2 Decachlorobiphenyl

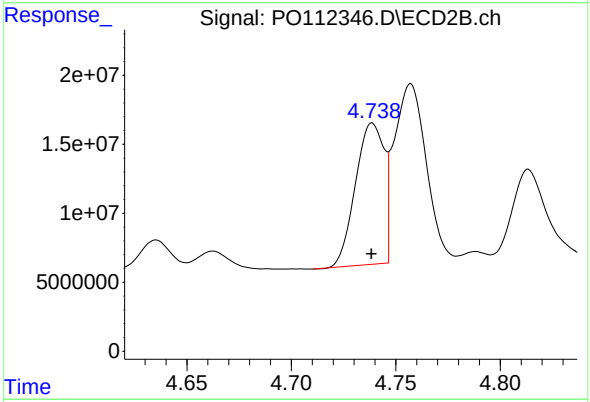
R.T.: 8.645 min
Delta R.T.: 0.000 min
Response: 74451617
Conc: 43.20 ng/ml



#3 AR-1016-1

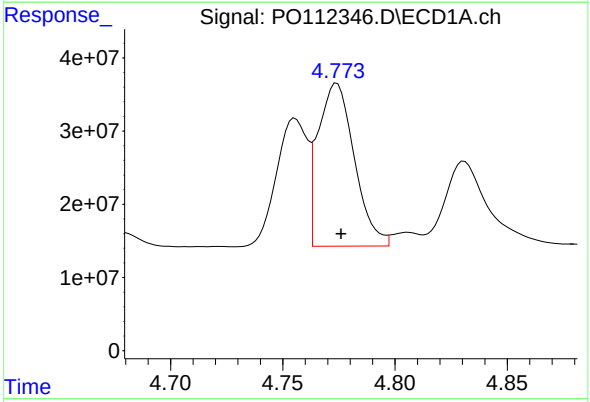
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 167749009
Conc: 493.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



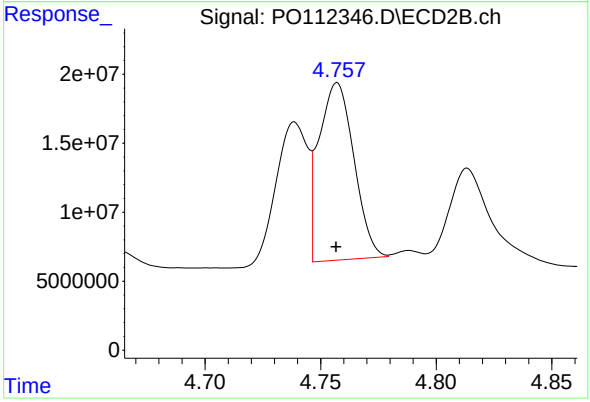
#3 AR-1016-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 97218771
Conc: 436.28 ng/ml



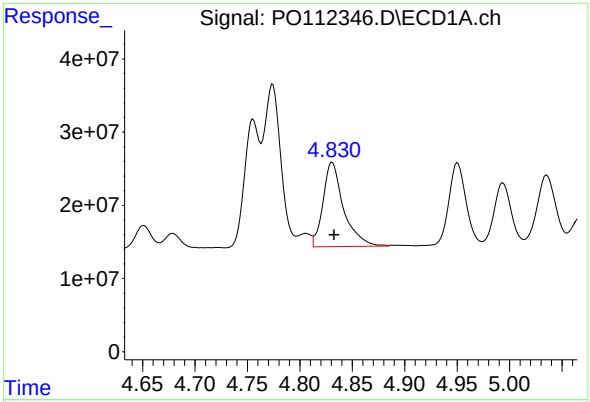
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 250880622
Conc: 504.49 ng/ml



#4 AR-1016-2

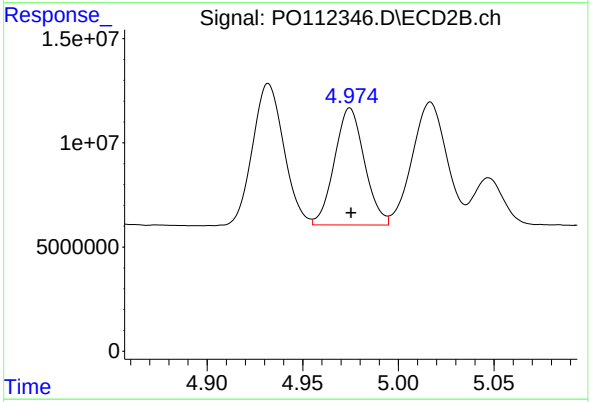
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 135301146
Conc: 411.13 ng/ml



#5 AR-1016-3

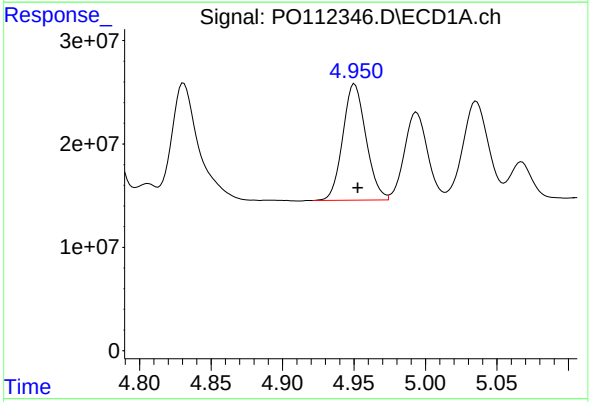
R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 157194927
Conc: 485.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



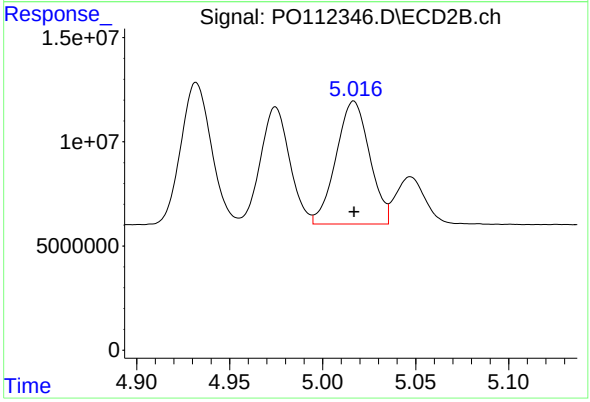
#5 AR-1016-3

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 61302098
Conc: 360.88 ng/ml



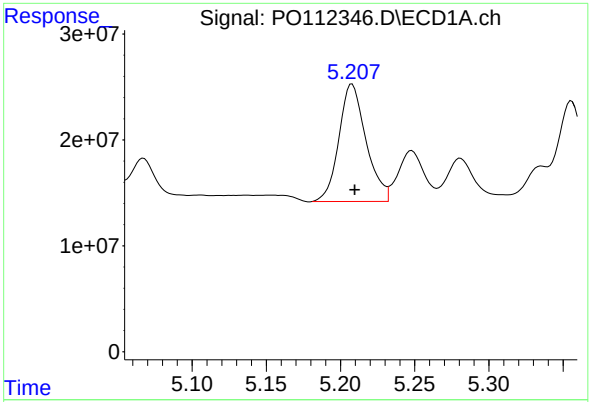
#6 AR-1016-4

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 126988725
Conc: 494.51 ng/ml



#6 AR-1016-4

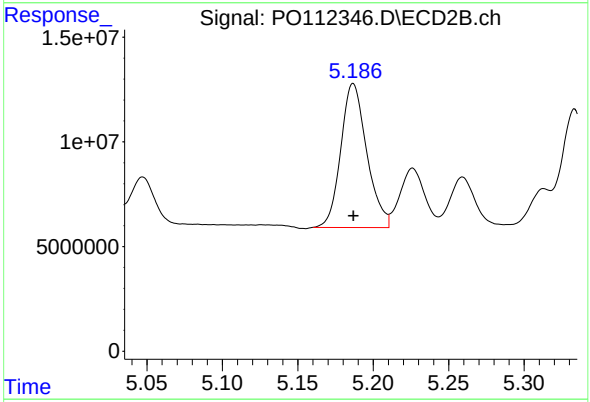
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 74044940
Conc: 539.58 ng/ml



#7 AR-1016-5

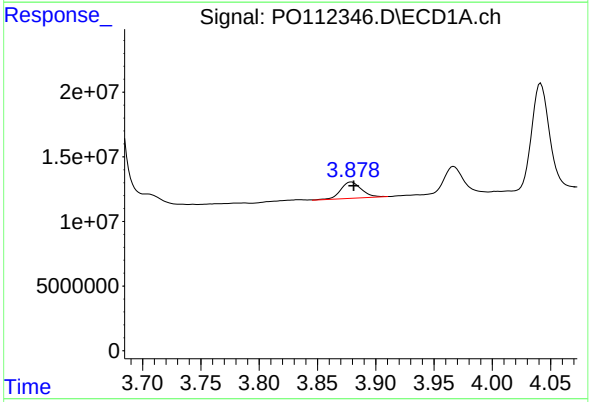
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 141516499
Conc: 517.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



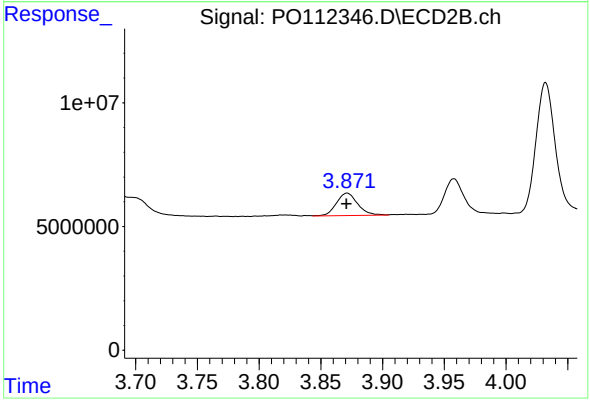
#7 AR-1016-5

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 82476996
Conc: 478.27 ng/ml



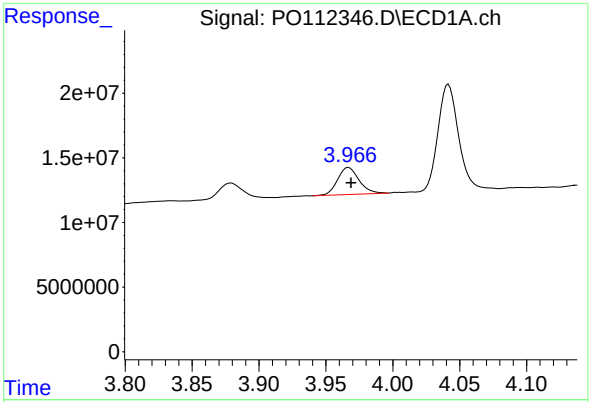
#8 AR-1221-1

R.T.: 3.879 min
Delta R.T.: -0.002 min
Response: 15722840
Conc: 134.83 ng/ml



#8 AR-1221-1

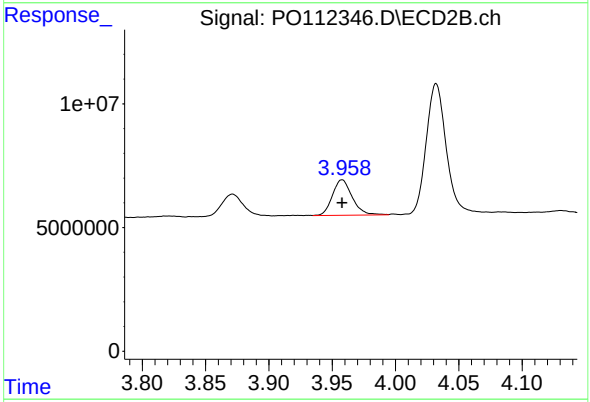
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 10860941
Conc: 131.98 ng/ml



#9 AR-1221-2

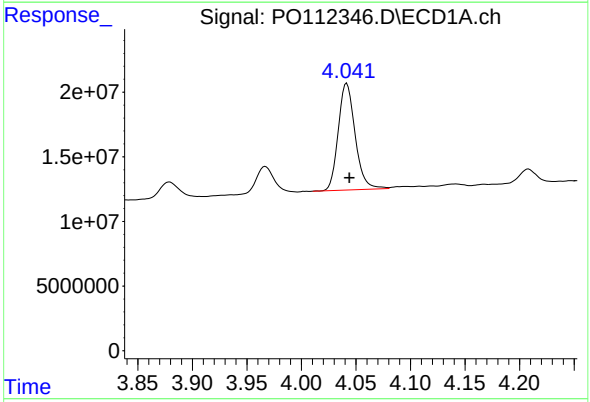
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 23372962
Conc: 296.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



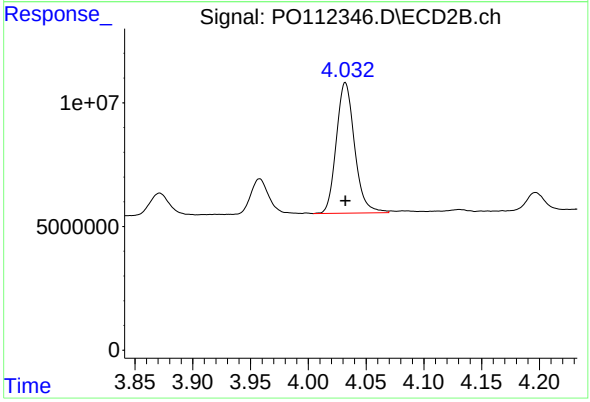
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 15634060
Conc: 263.41 ng/ml



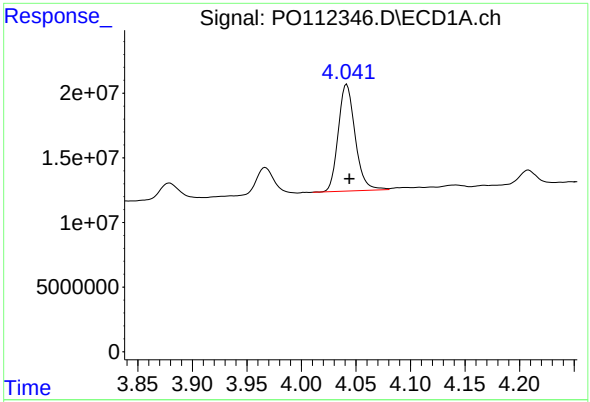
#10 AR-1221-3

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 89050131
Conc: 330.33 ng/ml



#10 AR-1221-3

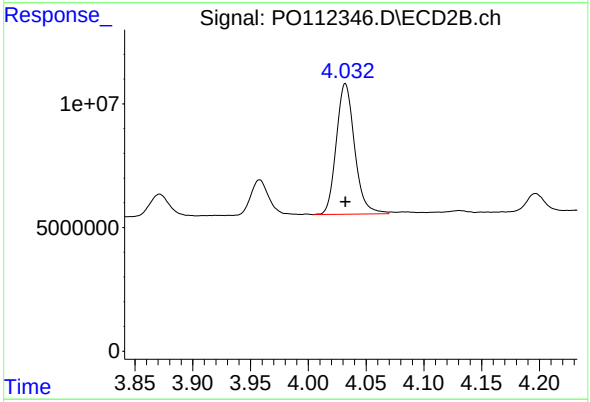
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 57995386
Conc: 307.22 ng/ml



#11 AR-1232-1

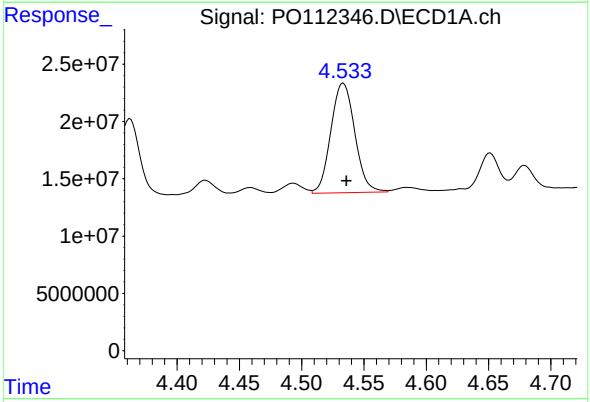
R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 89050131
Conc: 414.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



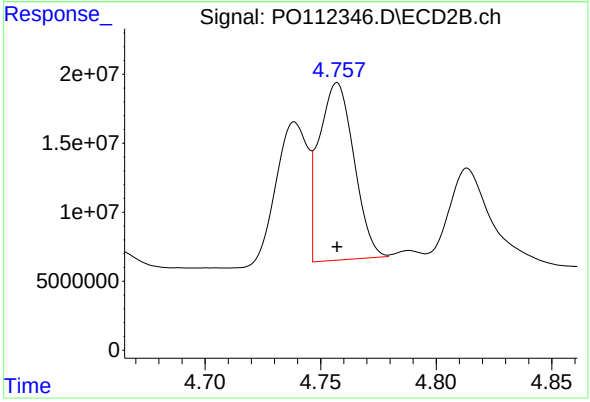
#11 AR-1232-1

R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 57995386
Conc: 386.38 ng/ml



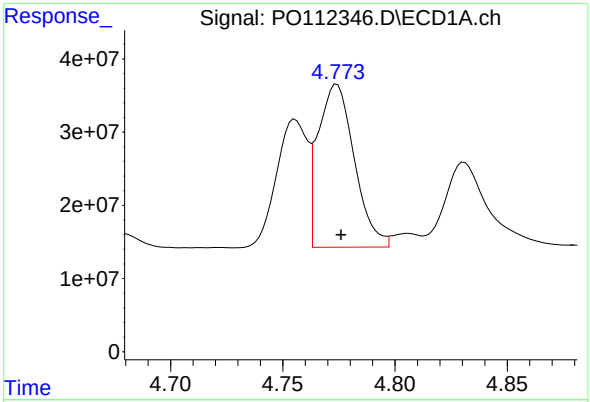
#12 AR-1232-2

R.T.: 4.533 min
Delta R.T.: -0.002 min
Response: 128392006
Conc: 1129.84 ng/ml



#12 AR-1232-2

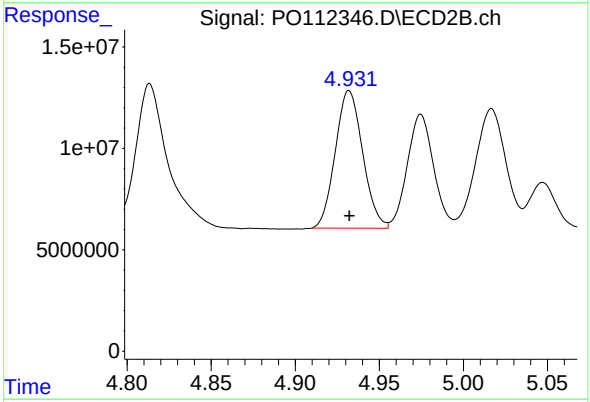
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 135301146
Conc: 883.83 ng/ml



#13 AR-1232-3

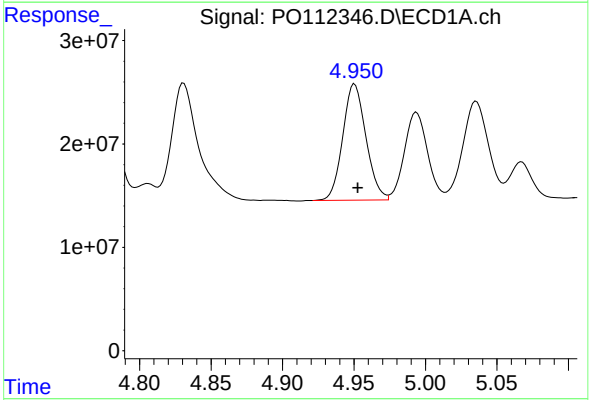
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 250880622
Conc: 1095.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



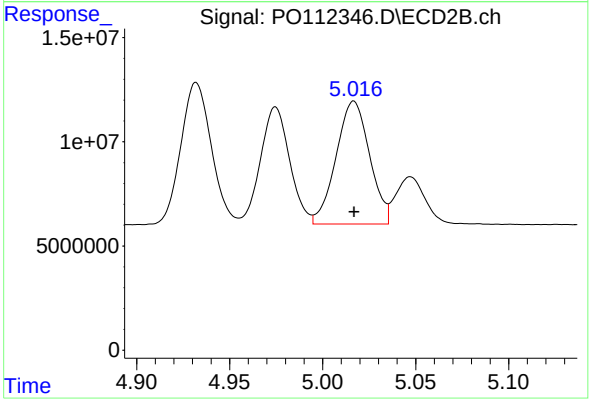
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 76865187
Conc: 1018.00 ng/ml



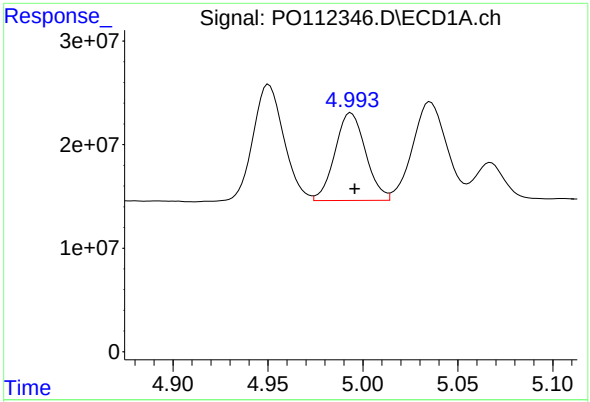
#14 AR-1232-4

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 126988725
Conc: 1111.04 ng/ml



#14 AR-1232-4

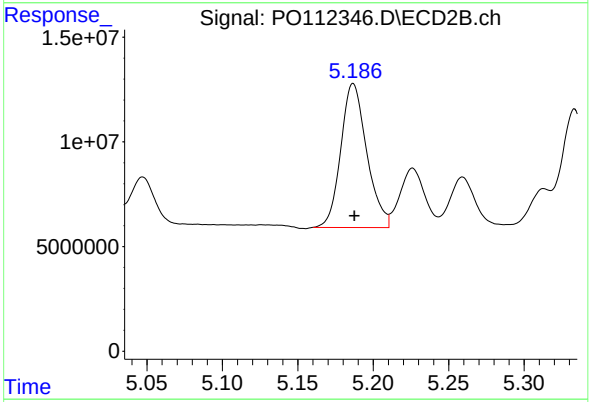
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 74044940
Conc: 1122.09 ng/ml



#15 AR-1232-5

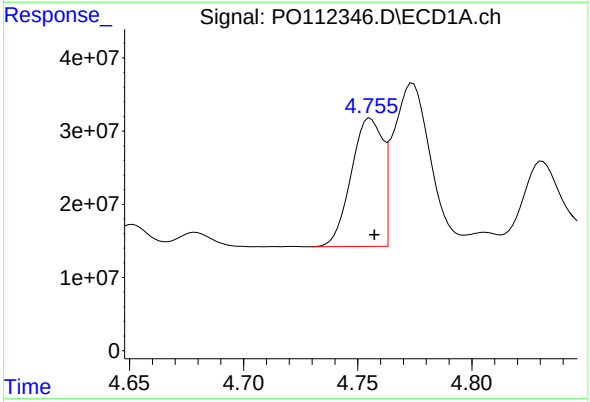
R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 95361665
Conc: 1299.20 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



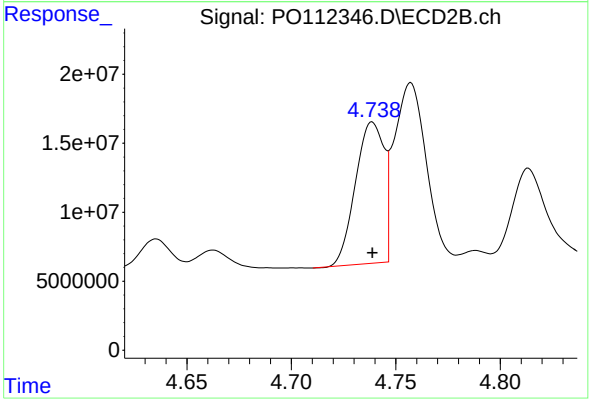
#15 AR-1232-5

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 82476996
Conc: 1110.65 ng/ml



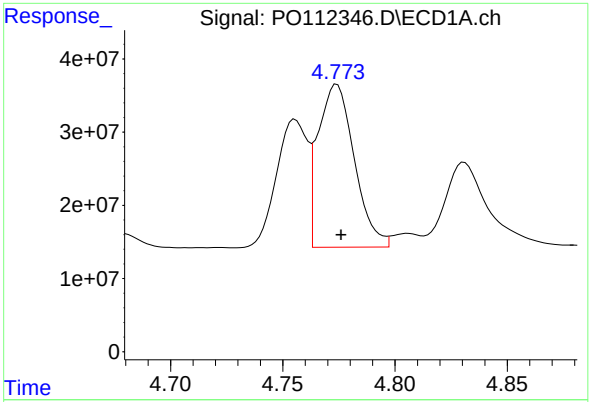
#16 AR-1242-1

R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 167749009
Conc: 579.17 ng/ml



#16 AR-1242-1

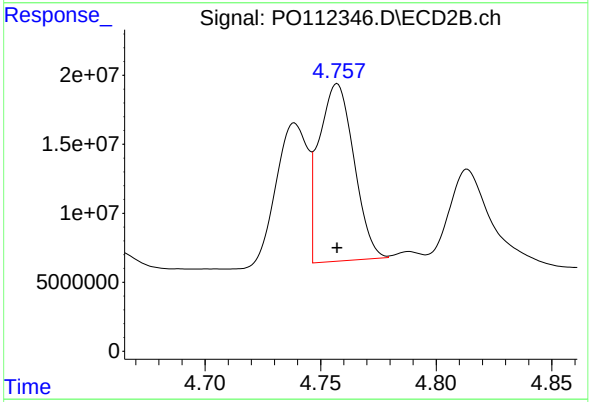
R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 97218771
Conc: 501.49 ng/ml



#17 AR-1242-2

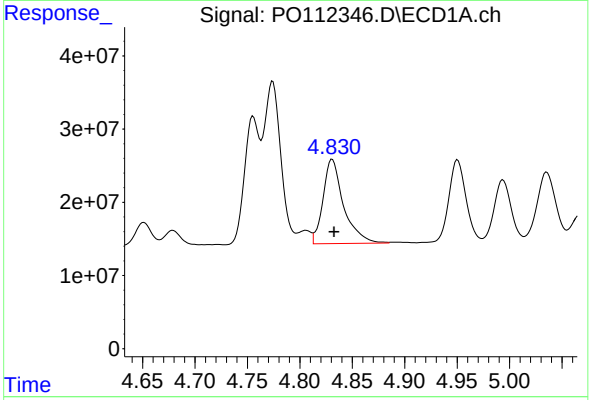
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 250880622
Conc: 589.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



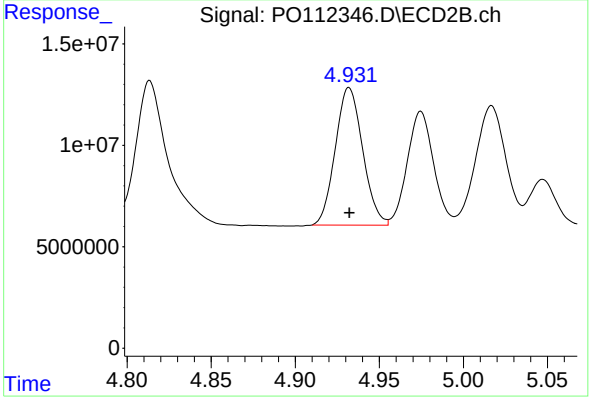
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 135301146
Conc: 477.50 ng/ml



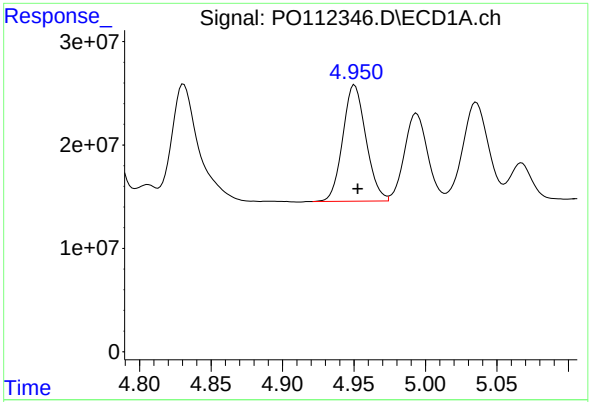
#18 AR-1242-3

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 157194927
Conc: 574.36 ng/ml



#18 AR-1242-3

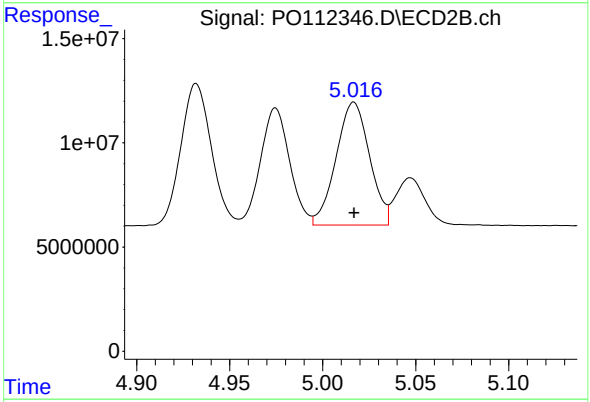
R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 76865187
Conc: 527.64 ng/ml



#19 AR-1242-4

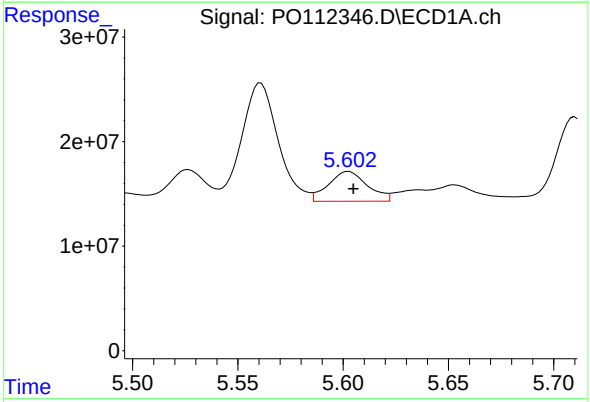
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 126988725
Conc: 563.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



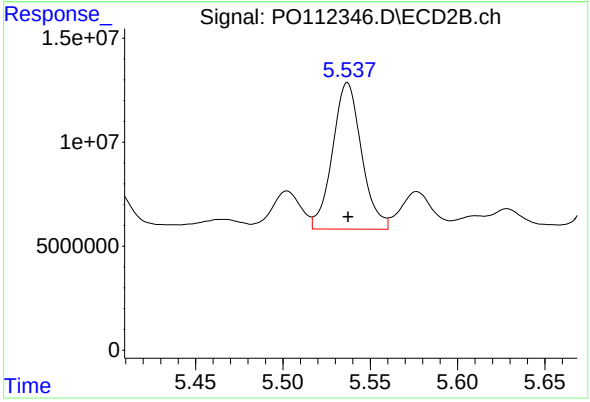
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 74044940
Conc: 522.03 ng/ml



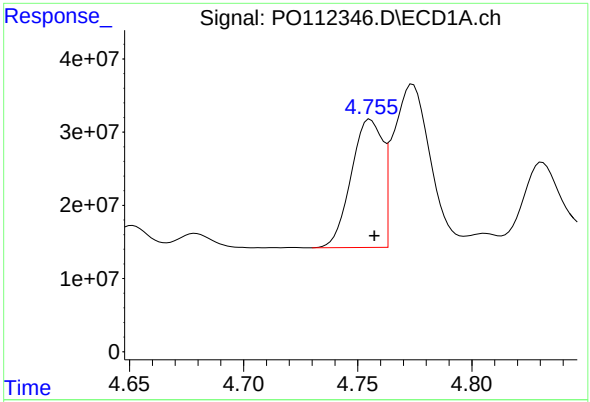
#20 AR-1242-5

R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 36994145
Conc: 174.77 ng/ml



#20 AR-1242-5

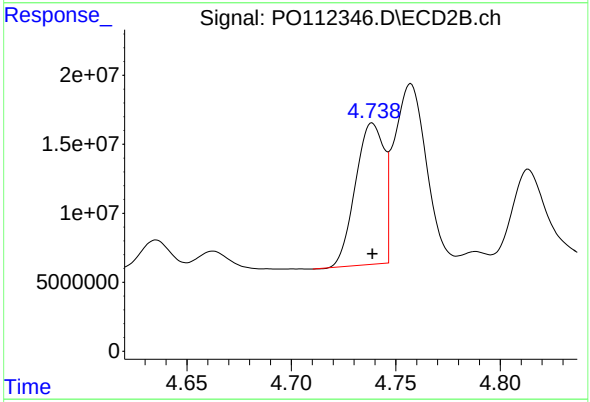
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 81589337
Conc: 448.95 ng/ml



#21 AR-1248-1

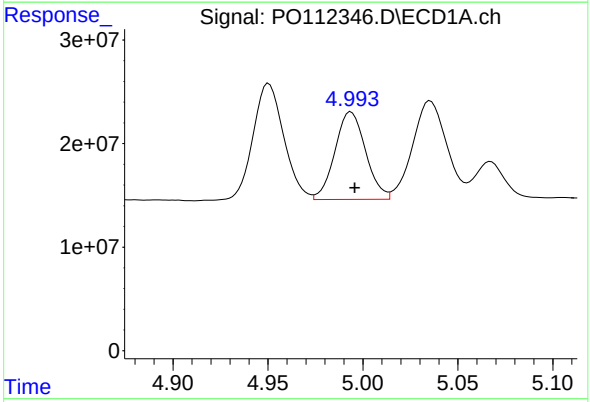
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 167749009
Conc: 739.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



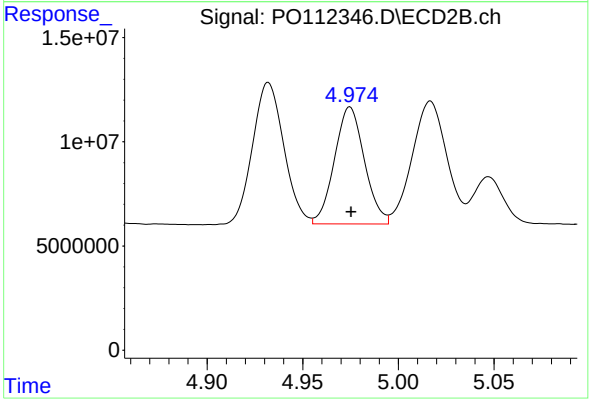
#21 AR-1248-1

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 97218771
Conc: 629.79 ng/ml



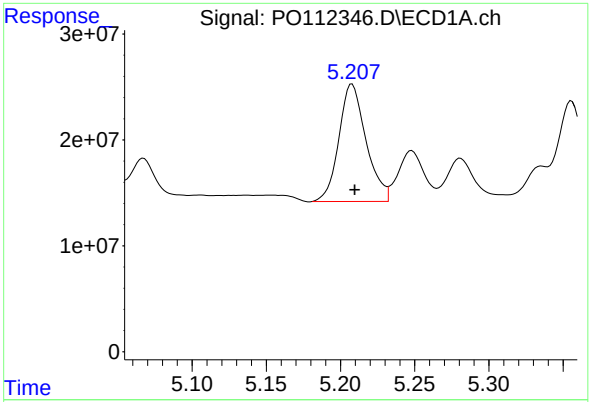
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 95361665
Conc: 309.29 ng/ml



#22 AR-1248-2

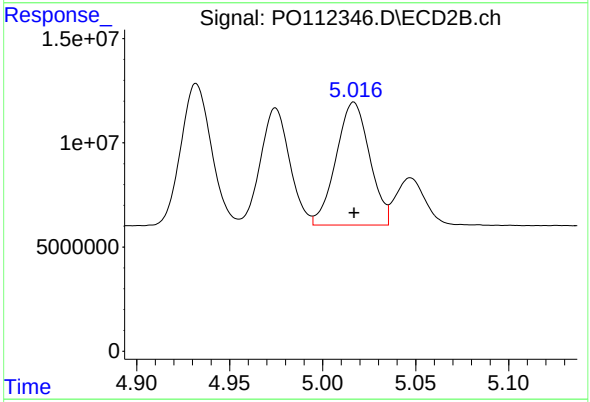
R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 61302098
Conc: 297.92 ng/ml



#23 AR-1248-3

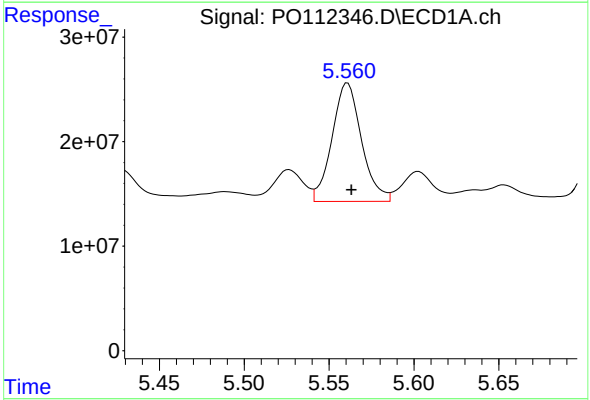
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 141516499
Conc: 347.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



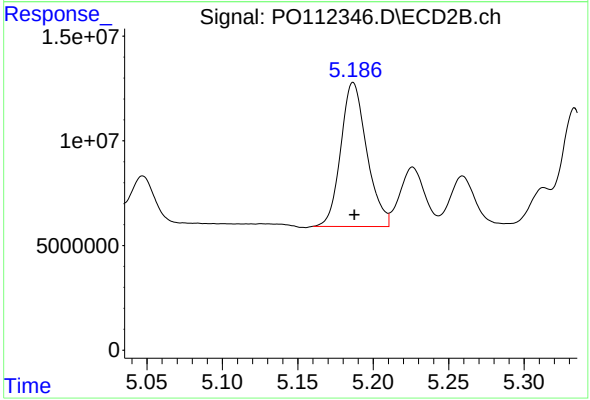
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 74044940
Conc: 344.72 ng/ml



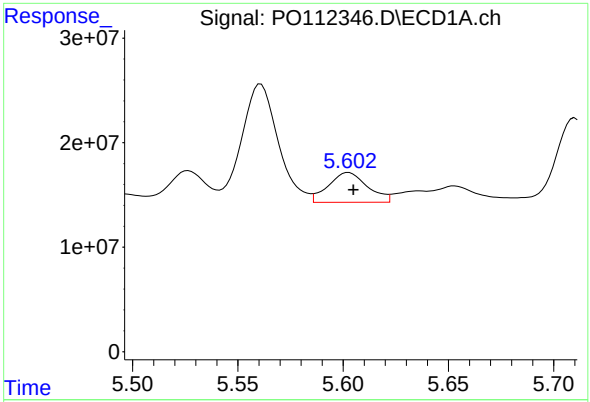
#24 AR-1248-4

R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 136870190
Conc: 237.15 ng/ml



#24 AR-1248-4

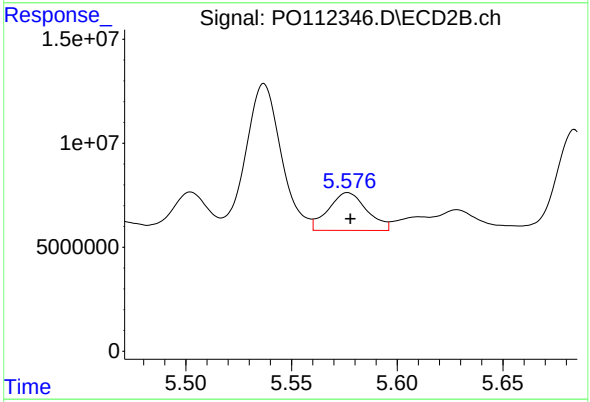
R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 82476996
Conc: 318.78 ng/ml



#25 AR-1248-5

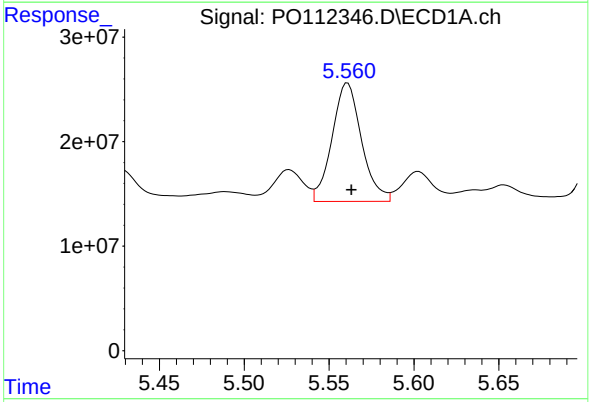
R.T.: 5.603 min
Delta R.T.: -0.002 min
Response: 36994145
Conc: 94.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



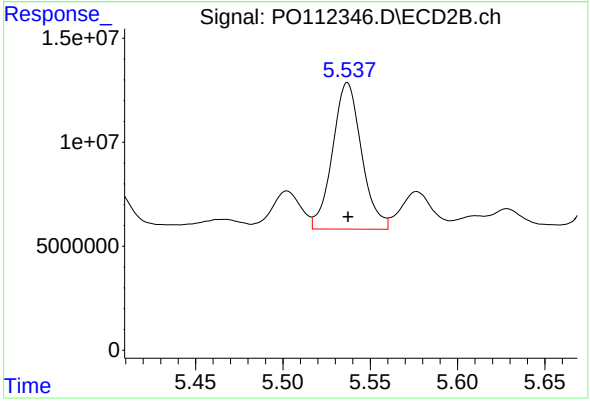
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 23078382
Conc: 92.11 ng/ml



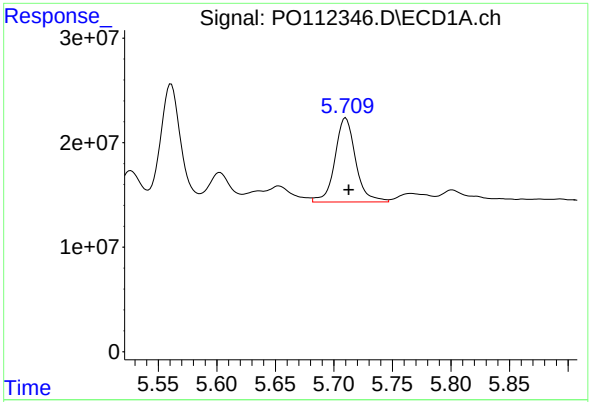
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 136870190
Conc: 222.51 ng/ml



#26 AR-1254-1

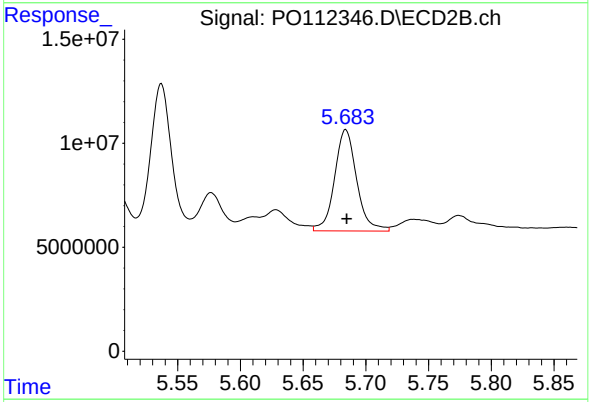
R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 81589337
Conc: 214.05 ng/ml



#27 AR-1254-2

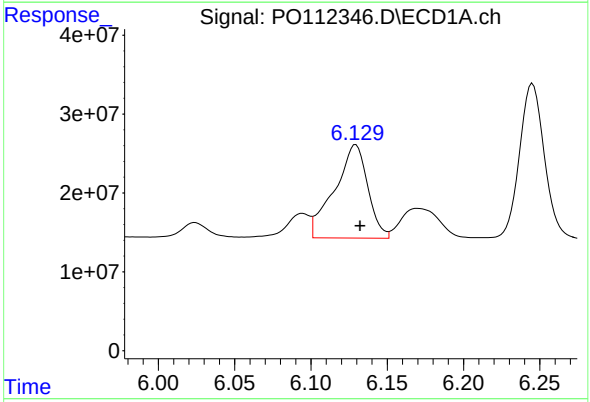
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 99169571
Conc: 185.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



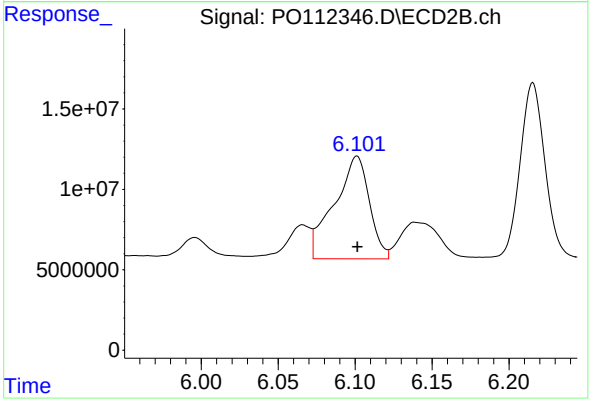
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 59758329
Conc: 180.10 ng/ml



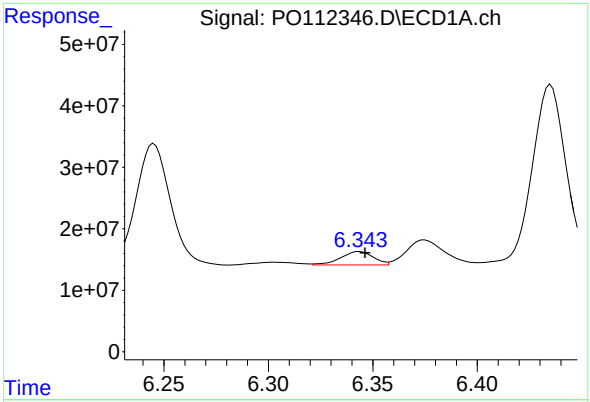
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: -0.003 min
Response: 179626589
Conc: 213.95 ng/ml



#28 AR-1254-3

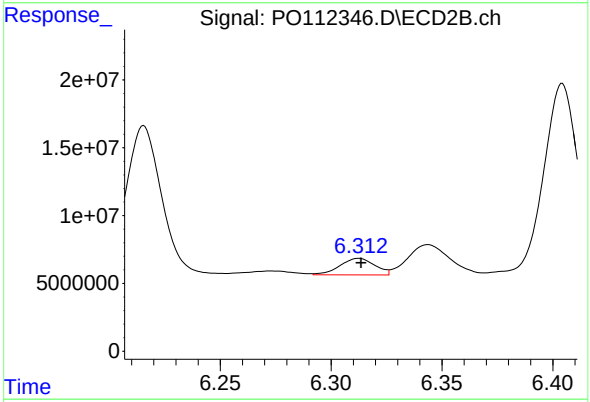
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 101248832
Conc: 210.04 ng/ml



#29 AR-1254-4

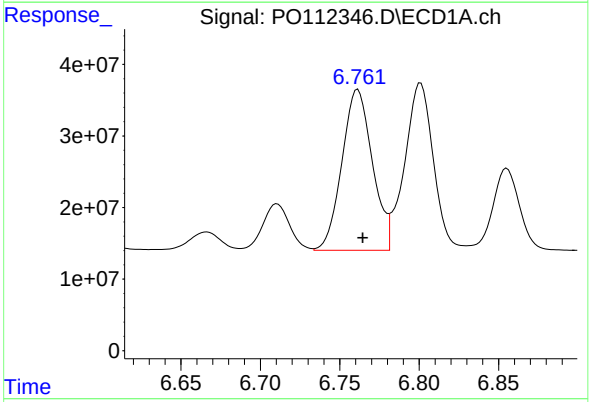
R.T.: 6.344 min
Delta R.T.: -0.003 min
Response: 23749159
Conc: 49.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



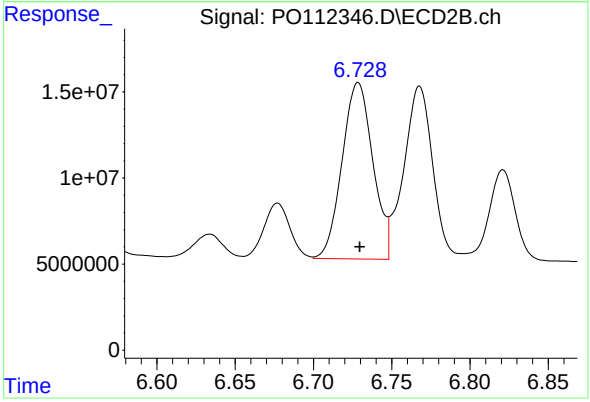
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: 0.000 min
Response: 13372256
Conc: 51.29 ng/ml



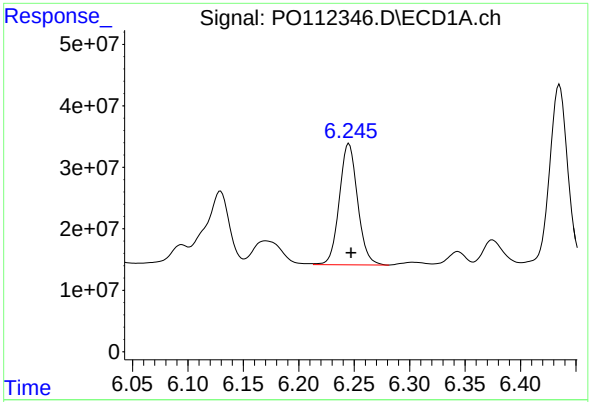
#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 300030747
Conc: 387.66 ng/ml



#30 AR-1254-5

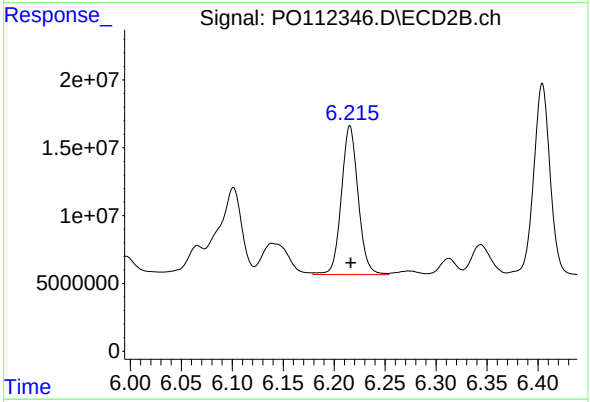
R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 140333264
Conc: 393.80 ng/ml



#31 AR-1260-1

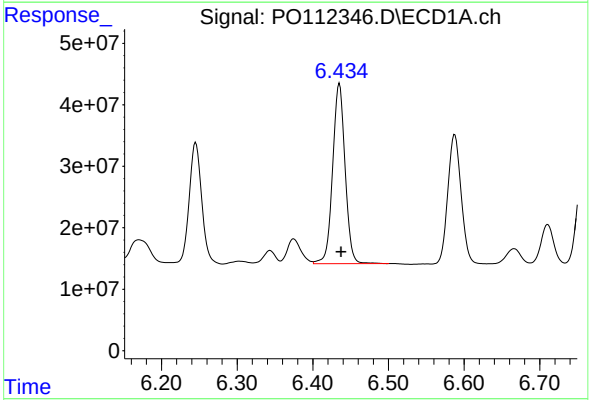
R.T.: 6.245 min
Delta R.T.: -0.002 min
Response: 225996595
Conc: 450.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



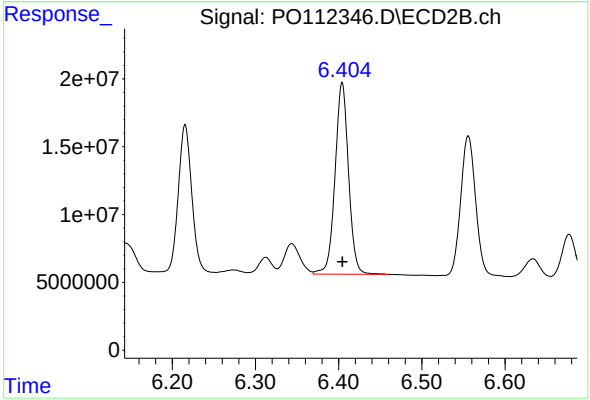
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 125625189
Conc: 447.76 ng/ml



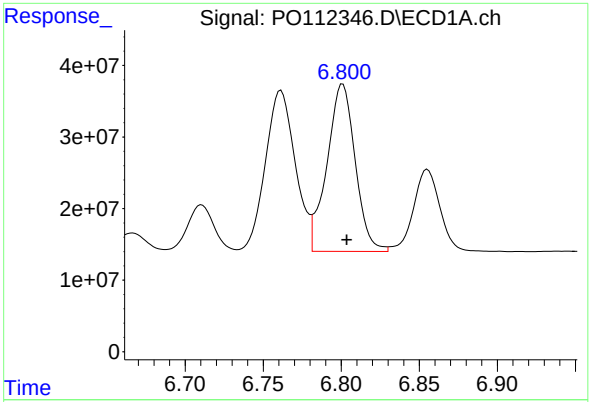
#32 AR-1260-2

R.T.: 6.435 min
Delta R.T.: -0.002 min
Response: 335105953
Conc: 453.99 ng/ml



#32 AR-1260-2

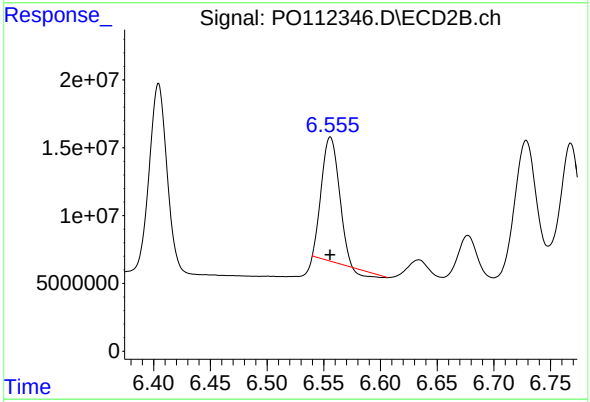
R.T.: 6.404 min
Delta R.T.: 0.000 min
Response: 159139752
Conc: 468.06 ng/ml



#33 AR-1260-3

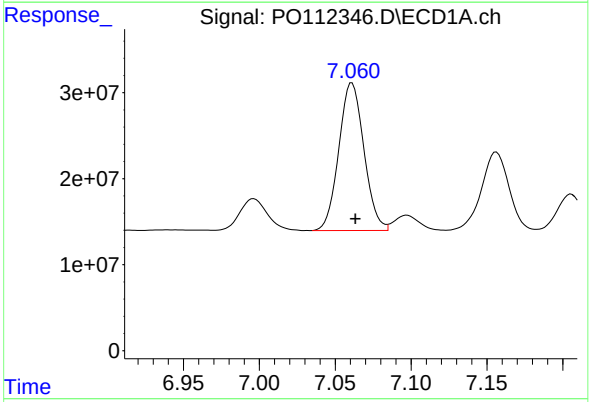
R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 294448405
Conc: 449.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



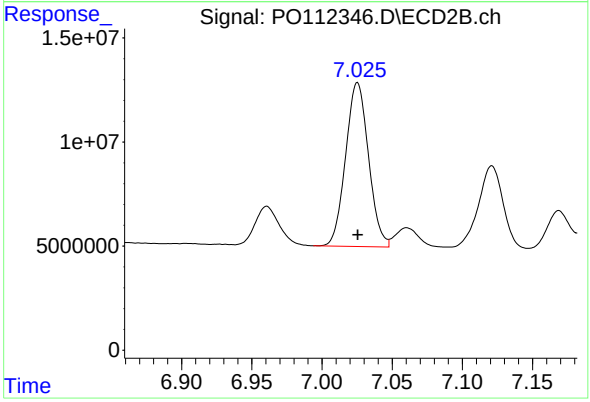
#33 AR-1260-3

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 95203208
Conc: 345.46 ng/ml



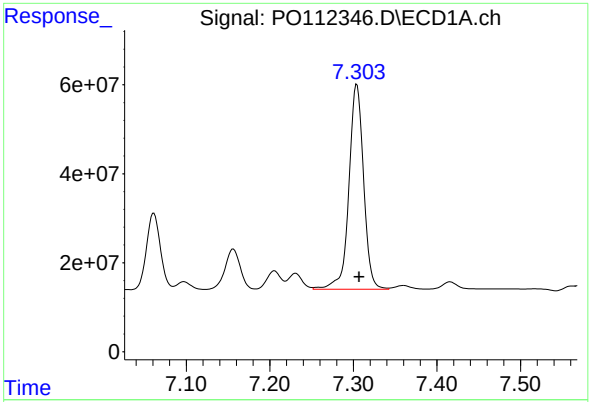
#34 AR-1260-4

R.T.: 7.061 min
Delta R.T.: -0.002 min
Response: 198088517
Conc: 455.12 ng/ml



#34 AR-1260-4

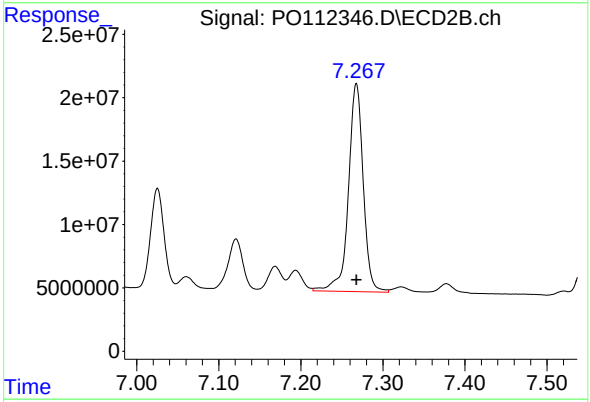
R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 89511018
Conc: 446.12 ng/ml



#35 AR-1260-5

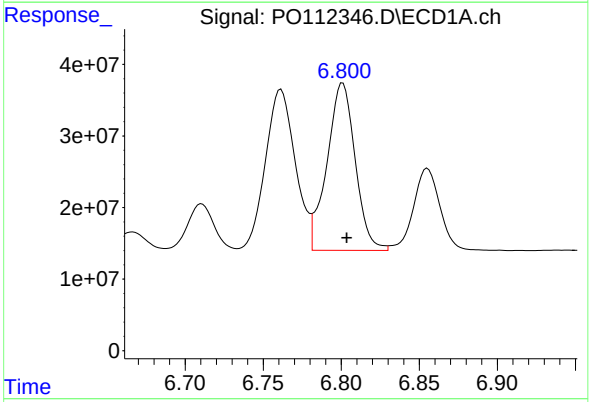
R.T.: 7.304 min
Delta R.T.: -0.003 min
Response: 561793030
Conc: 444.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



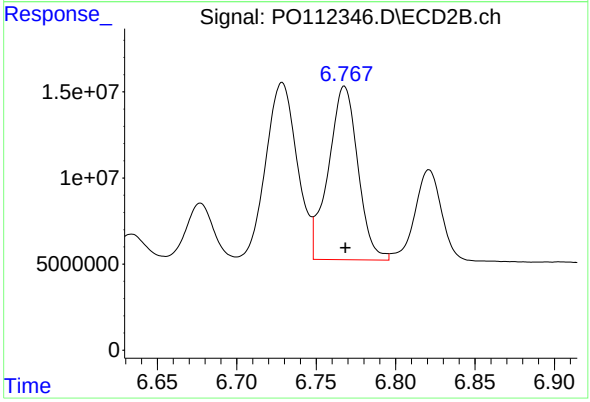
#35 AR-1260-5

R.T.: 7.268 min
Delta R.T.: 0.000 min
Response: 205537159
Conc: 459.07 ng/ml



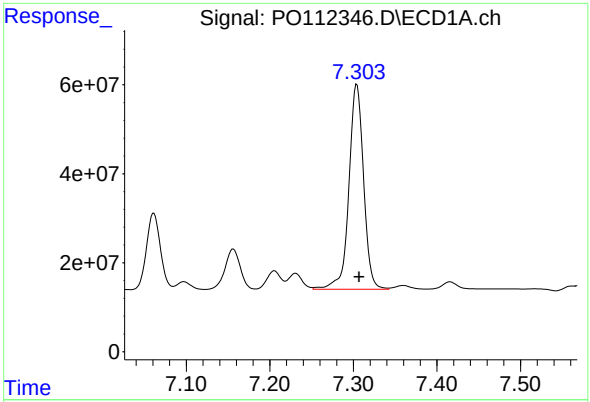
#36 AR-1262-1

R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 294448405
Conc: 288.20 ng/ml



#36 AR-1262-1

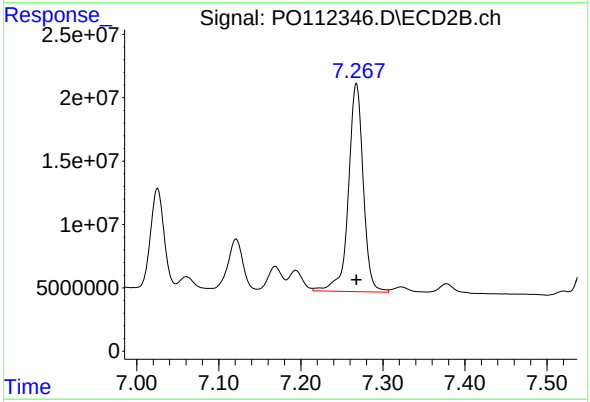
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 130381288
Conc: 320.09 ng/ml



#37 AR-1262-2

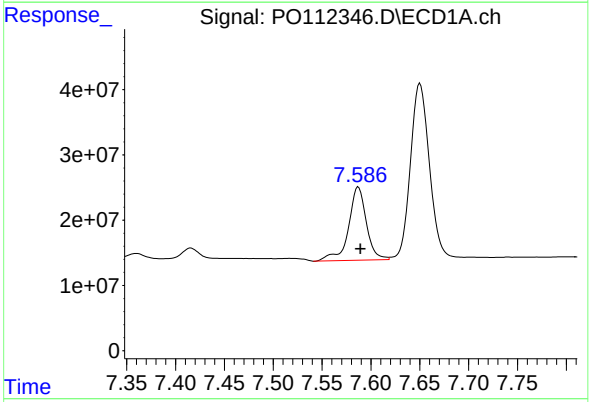
R.T.: 7.304 min
Delta R.T.: -0.003 min
Response: 561793030
Conc: 342.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



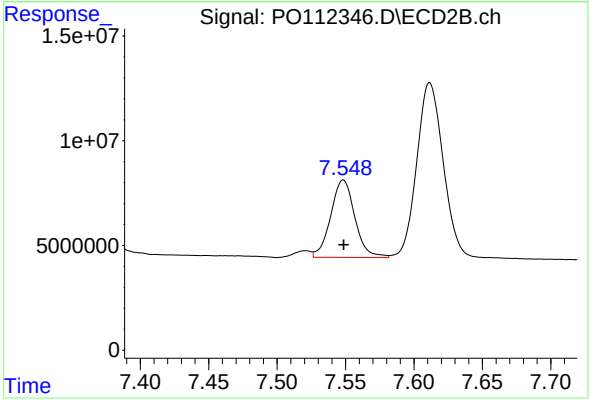
#37 AR-1262-2

R.T.: 7.268 min
Delta R.T.: 0.000 min
Response: 205537159
Conc: 401.01 ng/ml



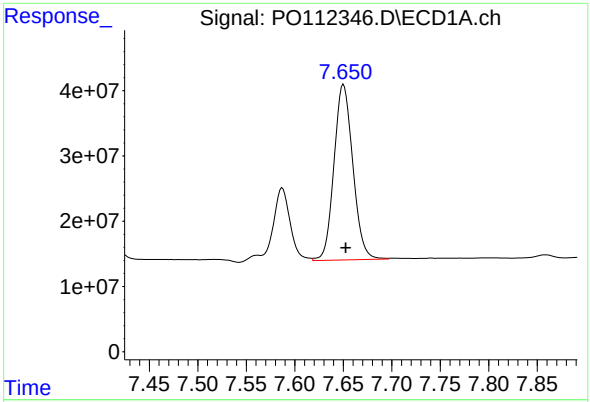
#38 AR-1262-3

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 142792840
Conc: 222.43 ng/ml



#38 AR-1262-3

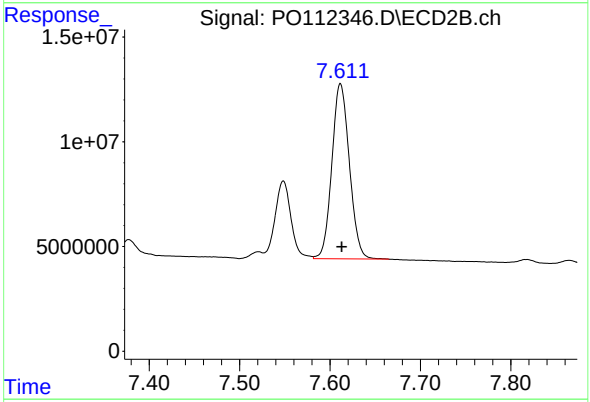
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 45395147
Conc: 252.86 ng/ml



#39 AR-1262-4

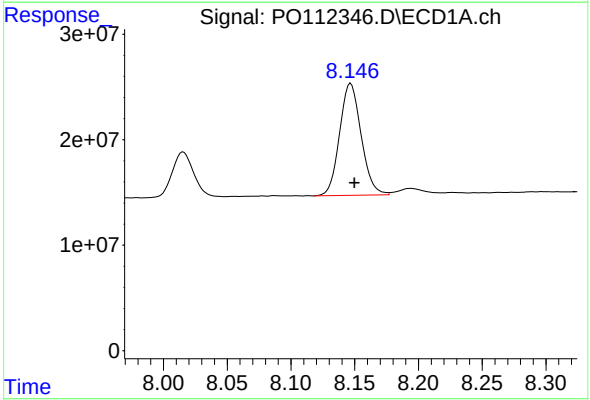
R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 364244563
Conc: 339.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



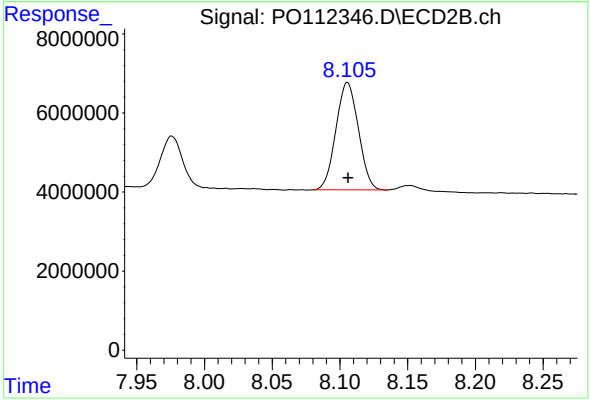
#39 AR-1262-4

R.T.: 7.612 min
Delta R.T.: -0.001 min
Response: 112708159
Conc: 387.42 ng/ml



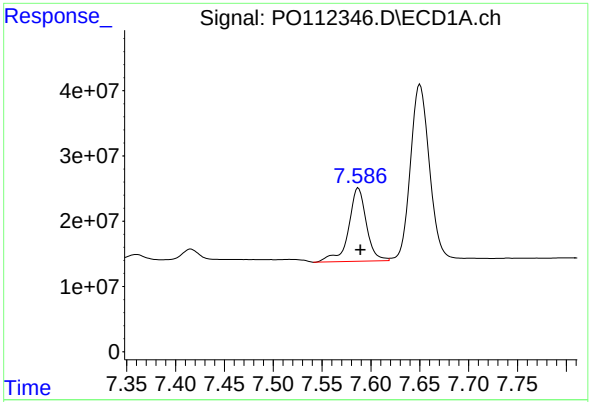
#40 AR-1262-5

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 125023184
Conc: 278.98 ng/ml



#40 AR-1262-5

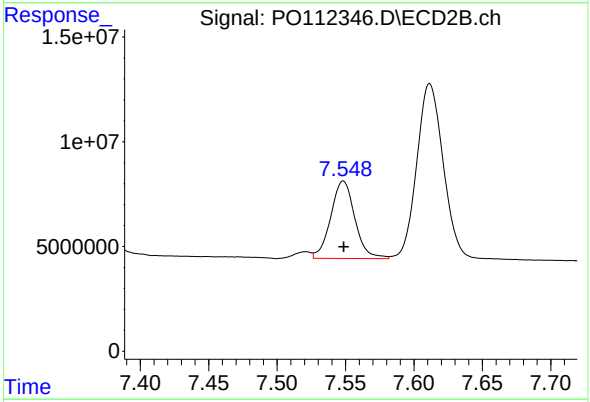
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 31357784
Conc: 296.43 ng/ml



#41 AR-1268-1

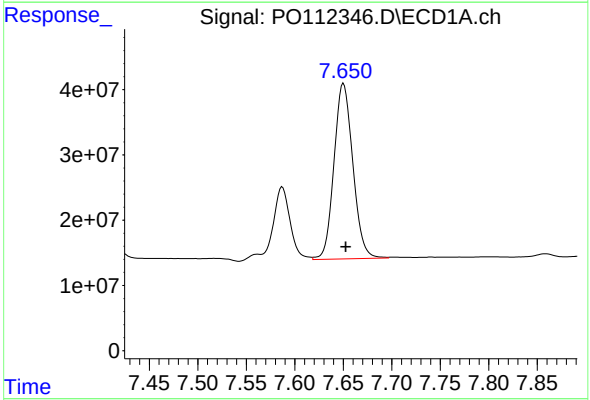
R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 142792840
Conc: 77.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



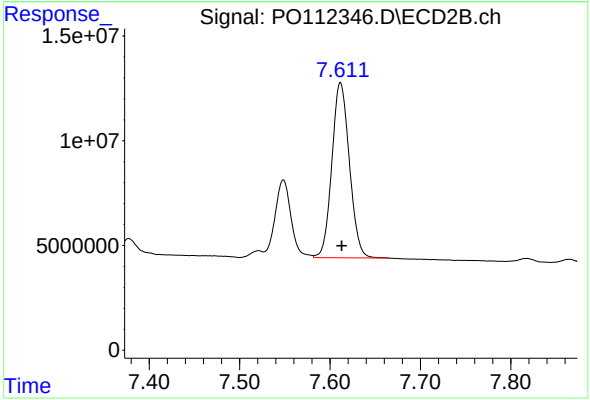
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 45395147
Conc: 92.37 ng/ml



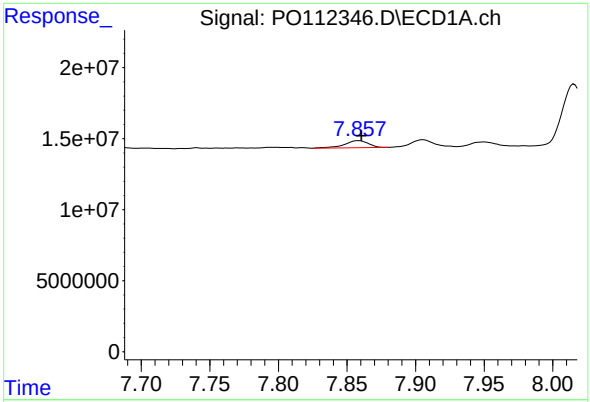
#42 AR-1268-2

R.T.: 7.650 min
Delta R.T.: -0.002 min
Response: 364244563
Conc: 233.85 ng/ml



#42 AR-1268-2

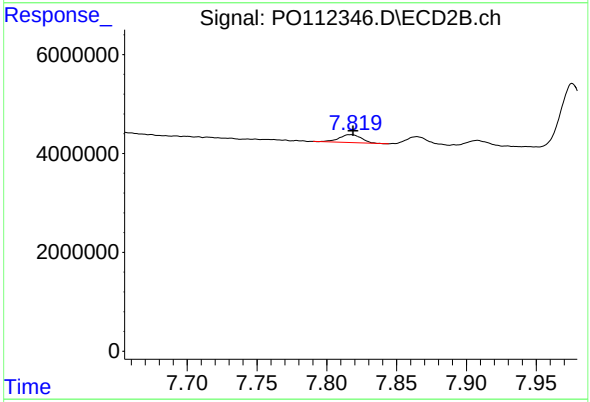
R.T.: 7.612 min
Delta R.T.: -0.001 min
Response: 112708159
Conc: 270.16 ng/ml



#43 AR-1268-3

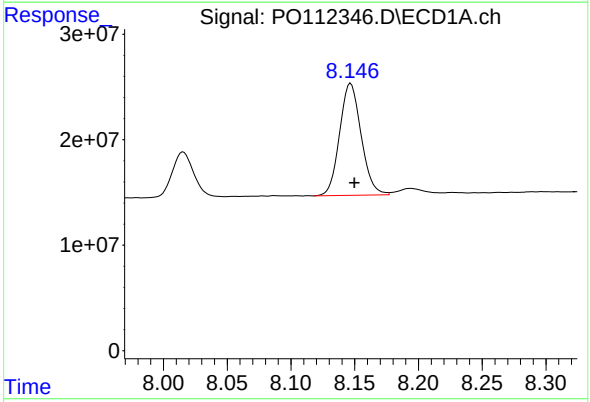
R.T.: 7.858 min
Delta R.T.: -0.002 min
Response: 6022964
Conc: 4.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



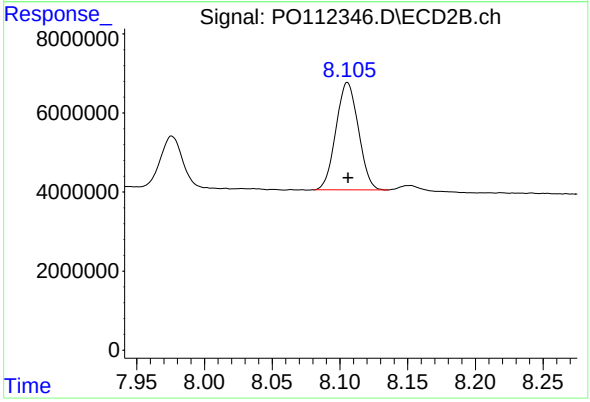
#43 AR-1268-3

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 1789840
Conc: 5.66 ng/ml



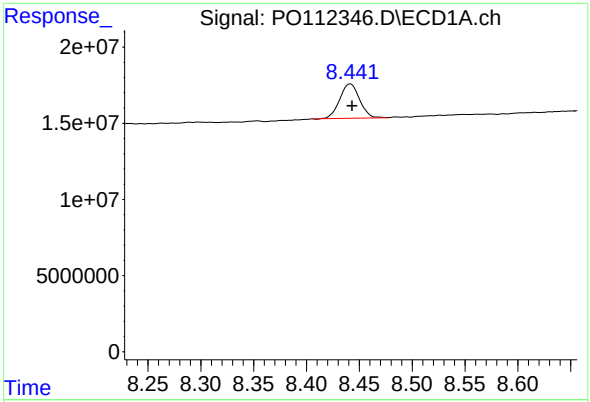
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 125023184
Conc: 260.24 ng/ml



#44 AR-1268-4

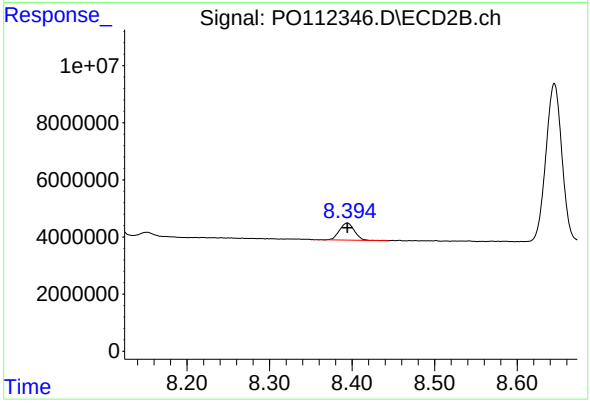
R.T.: 8.106 min
Delta R.T.: 0.000 min
Response: 31357784
Conc: 281.21 ng/ml



#45 AR-1268-5

R.T.: 8.442 min
Delta R.T.: -0.002 min
Response: 29486963
Conc: 9.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.394 min
Delta R.T.: 0.000 min
Response: 7543187
Conc: 10.38 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.672	3.662	565.9E6	325.3E6	57.195	51.055	
2)	SA Decachlor...	8.700	8.691	341.7E6	64731	49.977	0.038	#
	Target Compounds							
3)	L1 AR-1016-1	4.759	4.756	176.5E6	139.4E6	518.970	625.719	
4)	L1 AR-1016-2	4.778	4.787	264.8E6	2293532	532.518	6.969	#
5)	L1 AR-1016-3	4.835	4.973	166.5E6	62926663	514.472	370.447	#
6)	L1 AR-1016-4	4.954	5.015	134.2E6	75969252	522.411	553.601	
7)	L1 AR-1016-5	5.211	5.225	140.0E6	31986403	511.454	185.482	#
8)	L2 AR-1221-1	3.883	3.869	17862403	11214221	153.176	136.269	
9)	L2 AR-1221-2	3.971	3.957	24509341	16486507	310.872	277.768	
10)	L2 AR-1221-3	4.045	4.031	94275348	60498897	349.710	320.479	
11)	L3 AR-1232-1	4.045	4.031	94275348	60498897	439.169	403.059	
12)	L3 AR-1232-2	4.538	4.756	137.6E6	139.4E6	1210.725	910.807	
13)	L3 AR-1232-3	4.778	4.931	264.8E6	77402062	1156.361	1025.111	
14)	L3 AR-1232-4	4.954	5.015	134.2E6	75969252	1173.744	1151.255	
15)	L3 AR-1232-5	4.997	5.185	104.6E6	83417066	1424.451	1123.312	
16)	L4 AR-1242-1	4.759	4.737	176.5E6	98386664	609.431	507.518	
17)	L4 AR-1242-2	4.778	4.756	264.8E6	139.4E6	621.754	492.079	
18)	L4 AR-1242-3	4.835	4.931	166.5E6	77402062	608.515	531.326	
19)	L4 AR-1242-4	4.954	5.015	134.2E6	75969252	595.403	535.596	
20)	L4 AR-1242-5	5.606	5.535	36092211	84564389	170.511	465.319	#
21)	L5 AR-1248-1	4.759	4.737	176.5E6	98386664	777.937	637.351	
22)	L5 AR-1248-2	4.997	4.973	104.6E6	62926663	339.106	305.814	
23)	L5 AR-1248-3	5.211	5.015	140.0E6	75969252	343.625	353.677	
24)	L5 AR-1248-4	5.565	5.185	144.2E6	83417066	249.820	322.414	#
25)	L5 AR-1248-5	5.606	5.575	36092211	22841188	92.472	91.164	
26)	L6 AR-1254-1	5.565	5.535	144.2E6	84564389	234.400	221.856	
27)	L6 AR-1254-2	5.714	5.683	100.1E6	60270259	186.903	181.640	
28)	L6 AR-1254-3	6.134	6.100	198.2E6	109.0E6	236.105	226.131	
29)	L6 AR-1254-4	6.347	6.312	28382091	15522172	59.004	59.542	
30)	L6 AR-1254-5	6.765	6.727	332.9E6	156.0E6	430.103	437.799	
31)	L7 AR-1260-1	6.249	6.214	247.5E6	135.5E6	493.782	482.798	
32)	L7 AR-1260-2	6.439	6.403	365.4E6	175.0E6	495.002	514.627	
33)	L7 AR-1260-3	6.805	6.555	327.9E6	91053432	500.210	330.399	#
34)	L7 AR-1260-4	7.064	7.060	219.2E6	12369917	503.511	61.651	#
35)	L7 AR-1260-5	7.307	7.267	613.9E6	232.7E6	486.246	519.751	
36)	L8 AR-1262-1	6.805	6.767	327.9E6	147.1E6	320.919	361.097	
37)	L8 AR-1262-2	7.307	7.267	613.9E6	232.7E6	374.475	454.020	
38)	L8 AR-1262-3	7.591	7.548	145.7E6	49200657	226.955	274.062	
39)	L8 AR-1262-4	7.654	7.612	412.9E6	127.8E6	385.331	439.466	
40)	L8 AR-1262-5	8.151	8.105	139.2E6	35416682	310.521	334.803	
41)	L9 AR-1268-1	7.591	7.548	145.7E6	49200657	79.294	100.112	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.654	7.612	412.9E6	127.8E6	265.059	306.456
43) L9	AR-1268-3	7.861	7.816	6667277	2004613	5.130	6.336
44) L9	AR-1268-4	8.151	8.105	139.2E6	35416682	289.664	317.604
45) L9	AR-1268-5	8.444	8.392	32257747	8529469	9.884	11.740

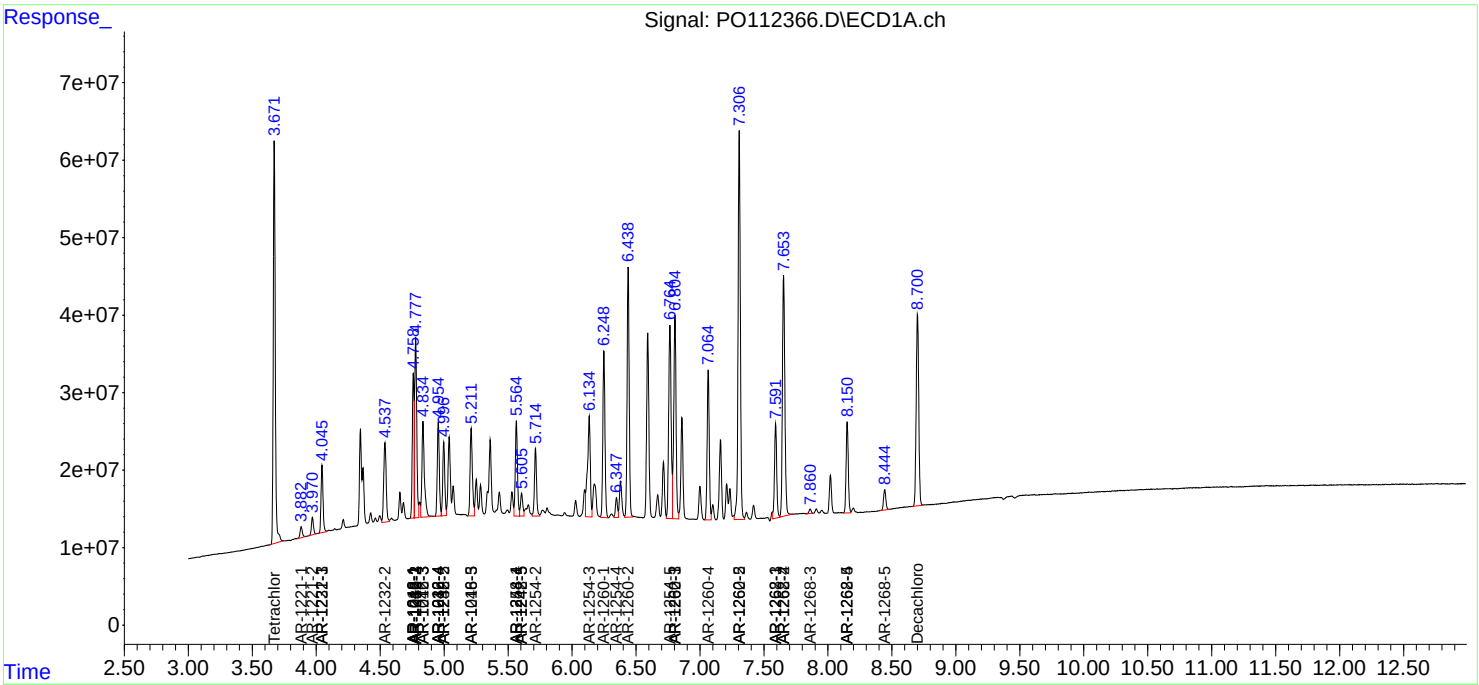
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

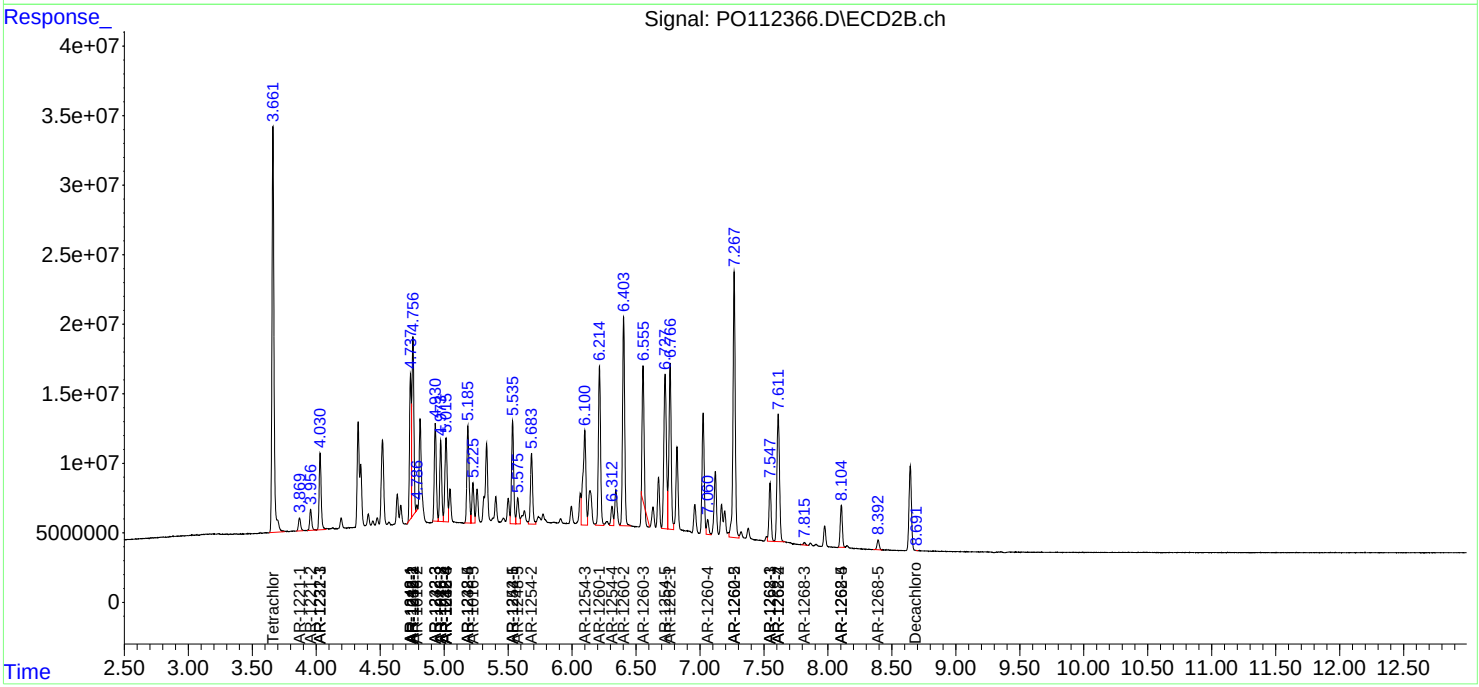
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112366.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:57
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

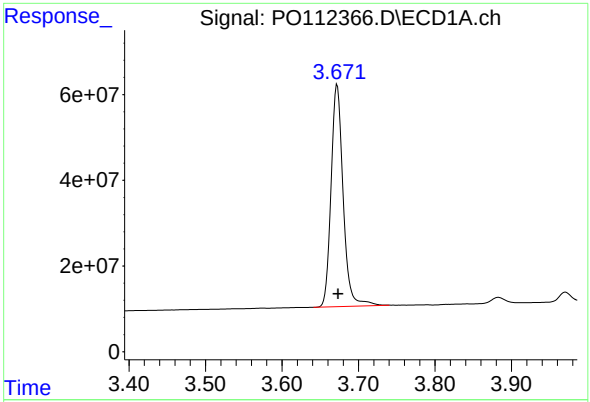
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 10:29:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



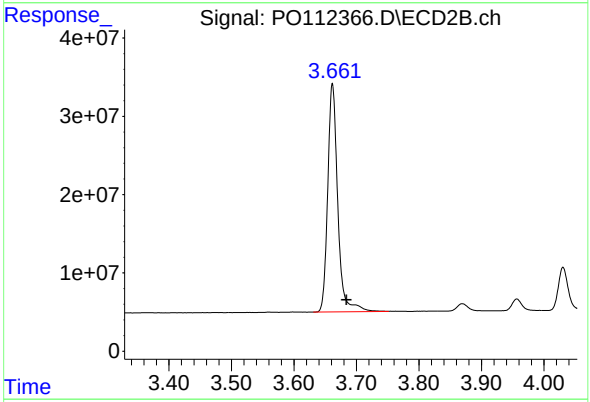




#1 Tetrachloro-m-xylene

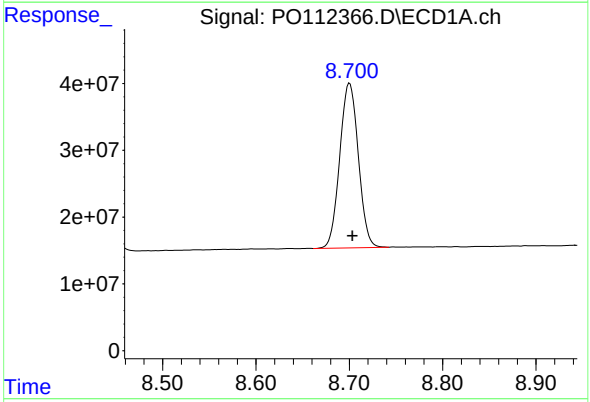
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 565932233
Conc: 57.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



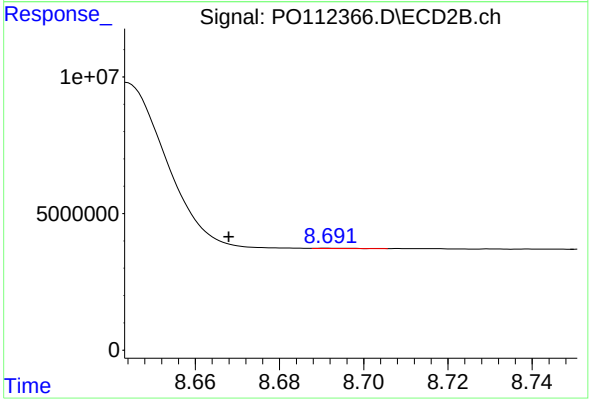
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.022 min
Response: 325275039
Conc: 51.06 ng/ml



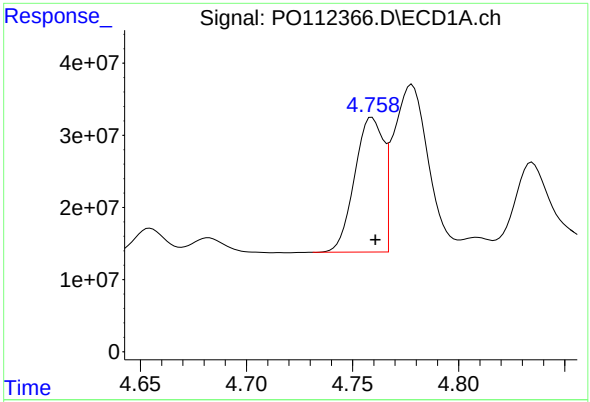
#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.003 min
Response: 341696880
Conc: 49.98 ng/ml



#2 Decachlorobiphenyl

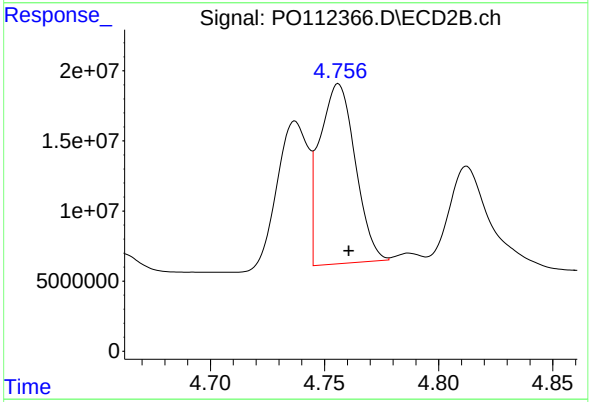
R.T.: 8.691 min
Delta R.T.: 0.023 min
Response: 64731
Conc: 0.04 ng/ml



#3 AR-1016-1

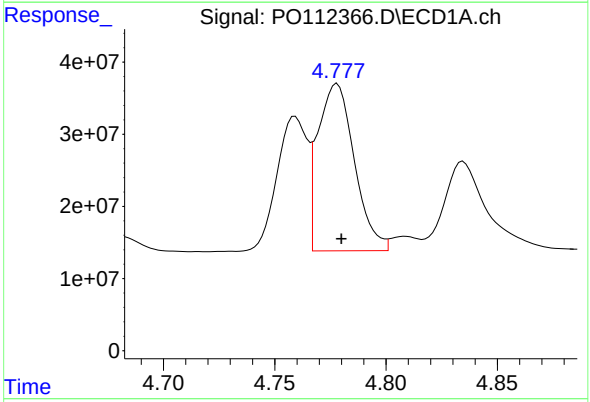
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 176513620
Conc: 518.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



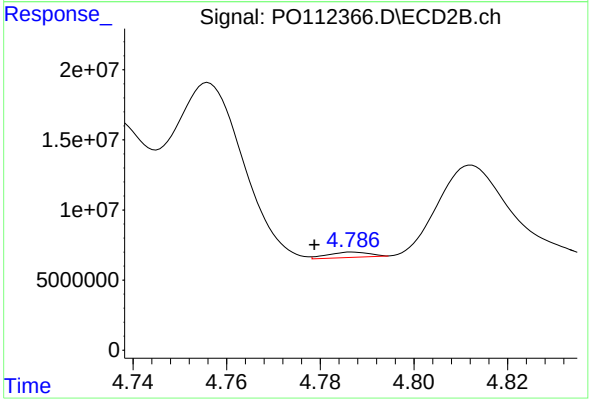
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 139431612
Conc: 625.72 ng/ml



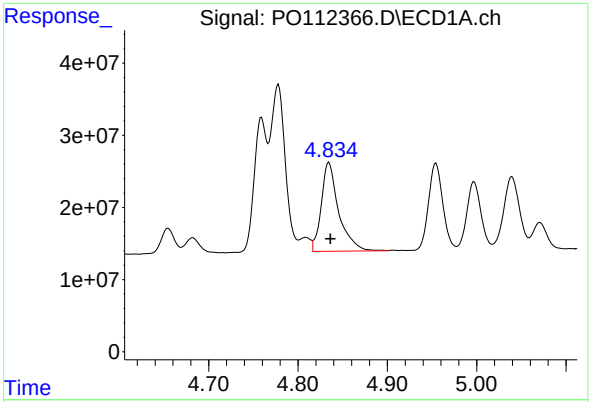
#4 AR-1016-2

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 264817007
Conc: 532.52 ng/ml



#4 AR-1016-2

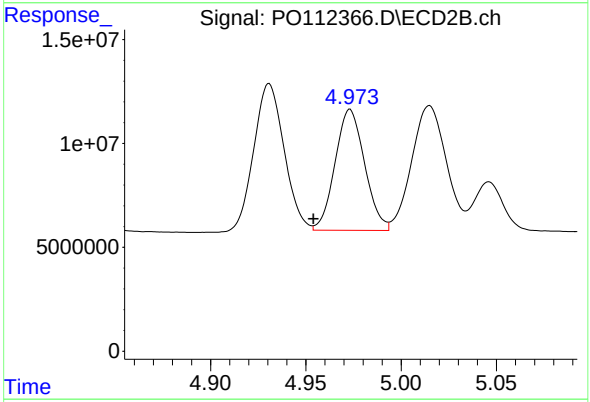
R.T.: 4.787 min
Delta R.T.: 0.008 min
Response: 2293532
Conc: 6.97 ng/ml



#5 AR-1016-3

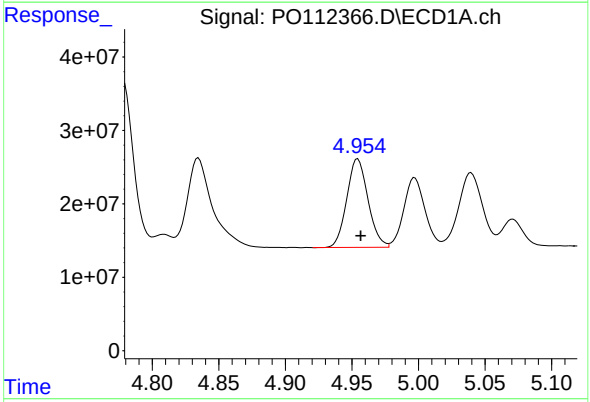
R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 166541661
Conc: 514.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



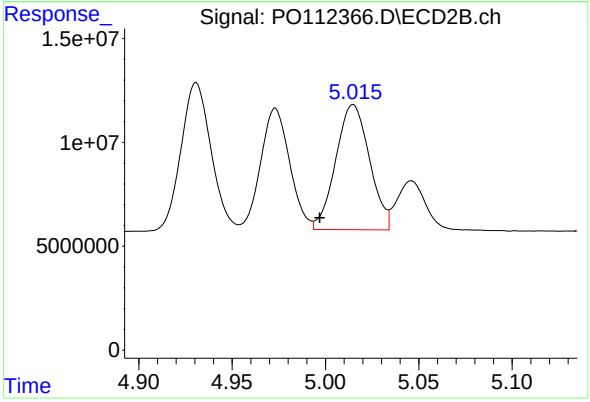
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: 0.019 min
Response: 62926663
Conc: 370.45 ng/ml



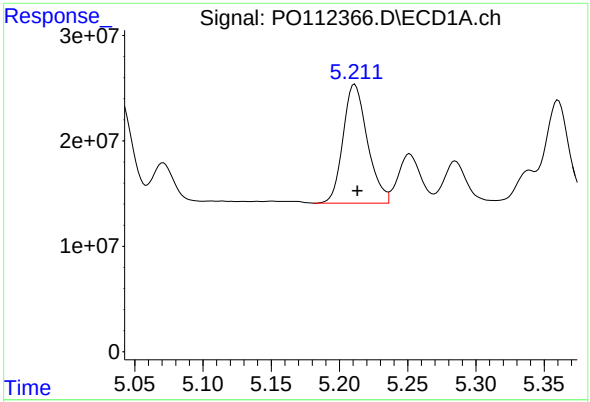
#6 AR-1016-4

R.T.: 4.954 min
Delta R.T.: -0.002 min
Response: 134155056
Conc: 522.41 ng/ml



#6 AR-1016-4

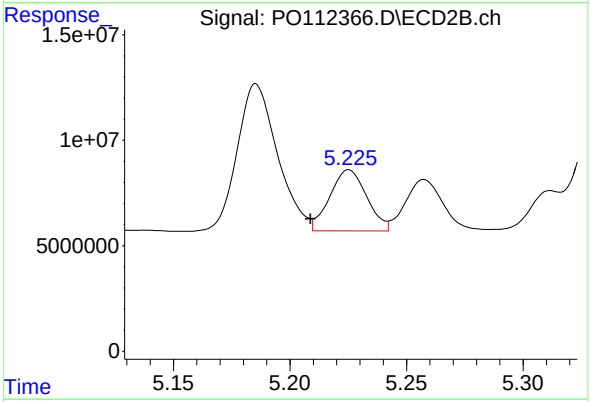
R.T.: 5.015 min
Delta R.T.: 0.018 min
Response: 75969252
Conc: 553.60 ng/ml



#7 AR-1016-5

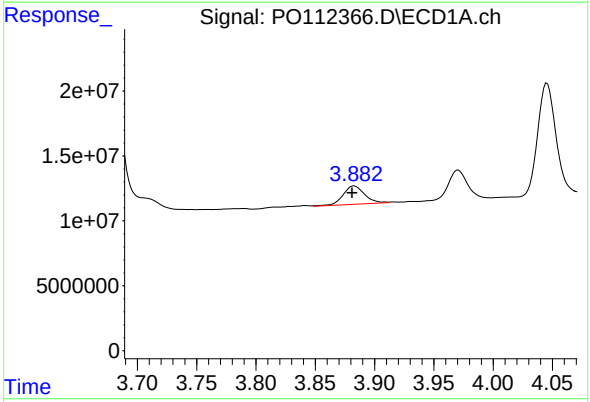
R.T.: 5.211 min
Delta R.T.: -0.002 min
Response: 139965370
Conc: 511.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



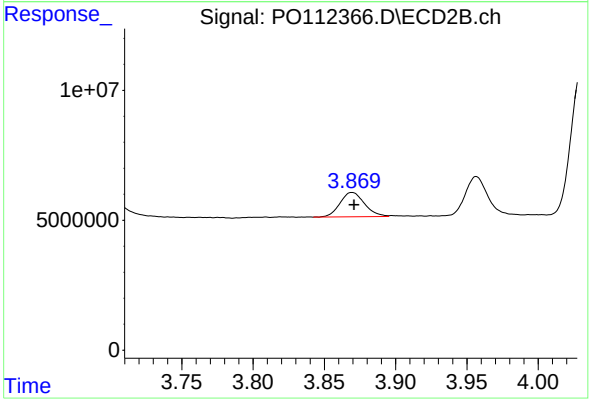
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: 0.016 min
Response: 31986403
Conc: 185.48 ng/ml



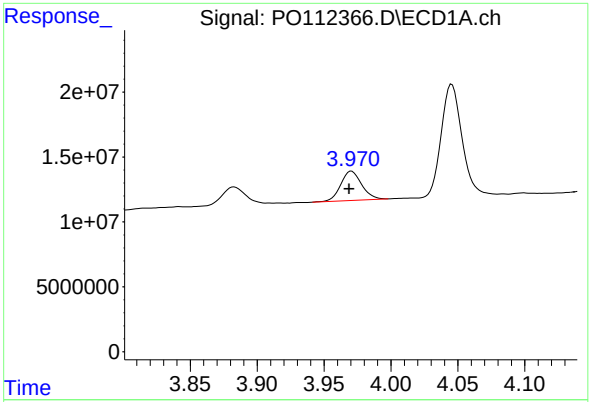
#8 AR-1221-1

R.T.: 3.883 min
Delta R.T.: 0.002 min
Response: 17862403
Conc: 153.18 ng/ml



#8 AR-1221-1

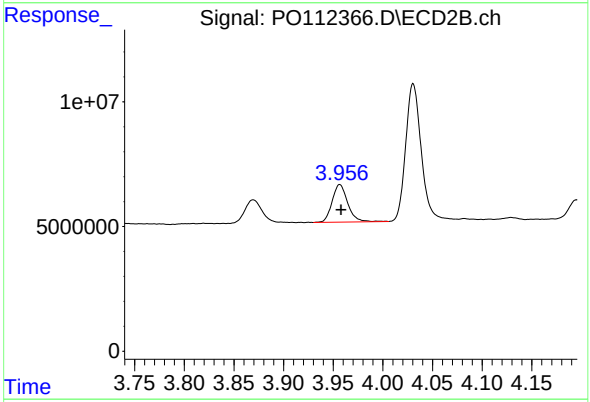
R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 11214221
Conc: 136.27 ng/ml



#9 AR-1221-2

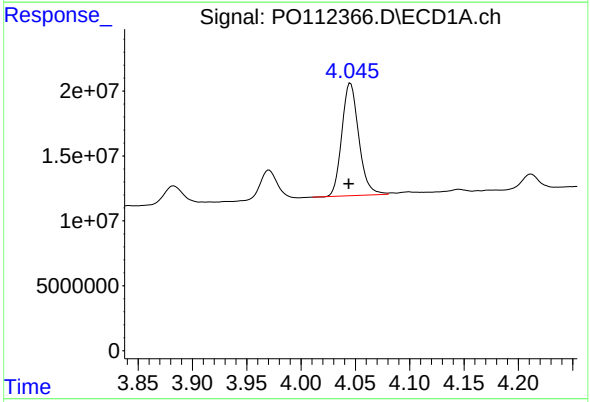
R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 24509341
Conc: 310.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



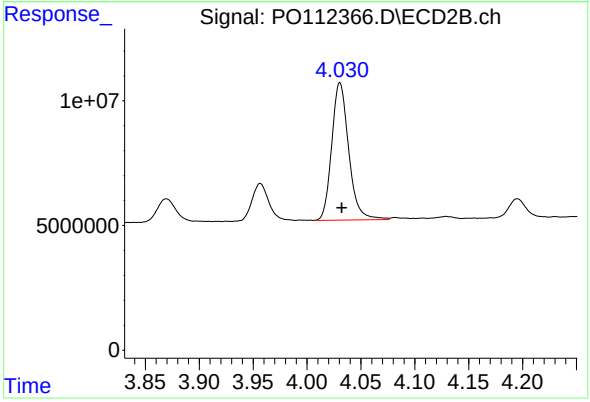
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: -0.001 min
Response: 16486507
Conc: 277.77 ng/ml



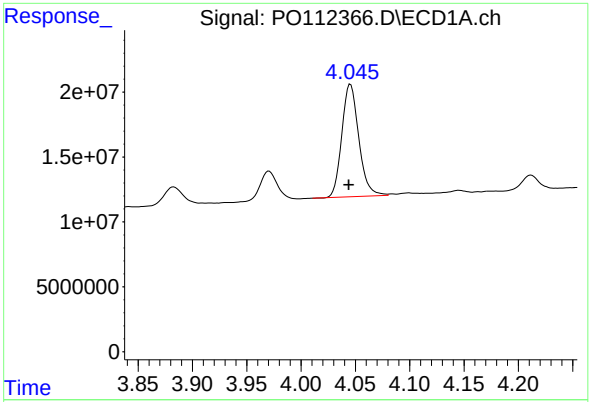
#10 AR-1221-3

R.T.: 4.045 min
Delta R.T.: 0.002 min
Response: 94275348
Conc: 349.71 ng/ml



#10 AR-1221-3

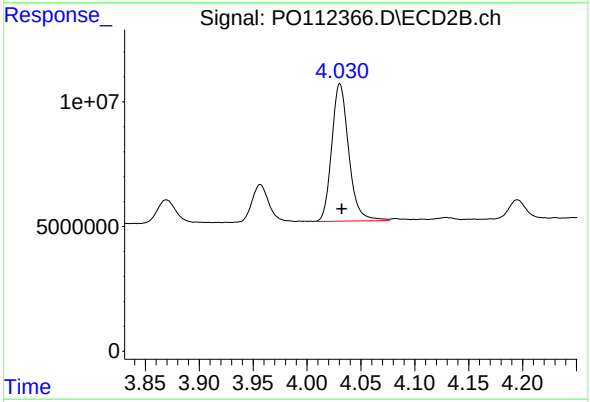
R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 60498897
Conc: 320.48 ng/ml



#11 AR-1232-1

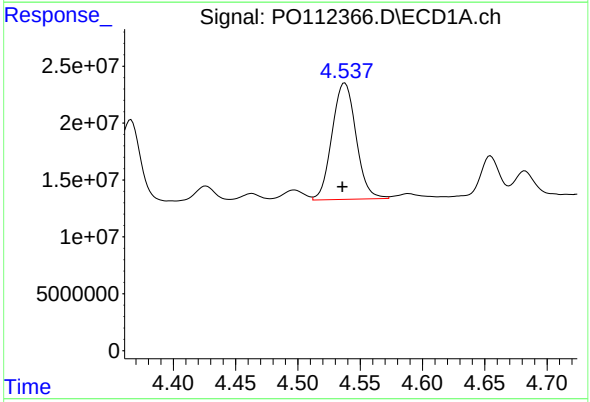
R.T.: 4.045 min
Delta R.T.: 0.002 min
Response: 94275348
Conc: 439.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



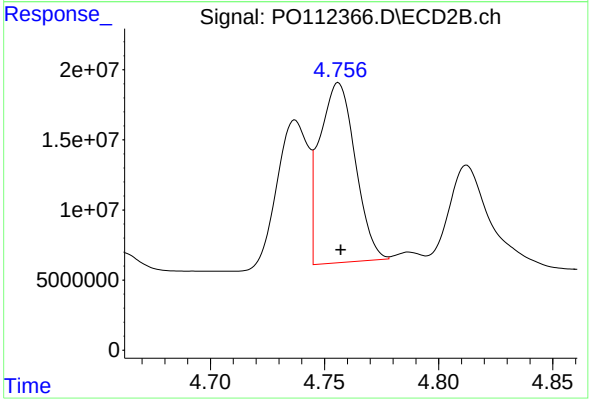
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: -0.002 min
Response: 60498897
Conc: 403.06 ng/ml



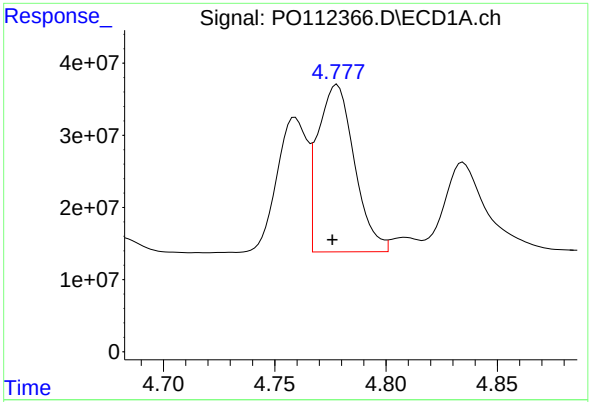
#12 AR-1232-2

R.T.: 4.538 min
Delta R.T.: 0.002 min
Response: 137583153
Conc: 1210.73 ng/ml



#12 AR-1232-2

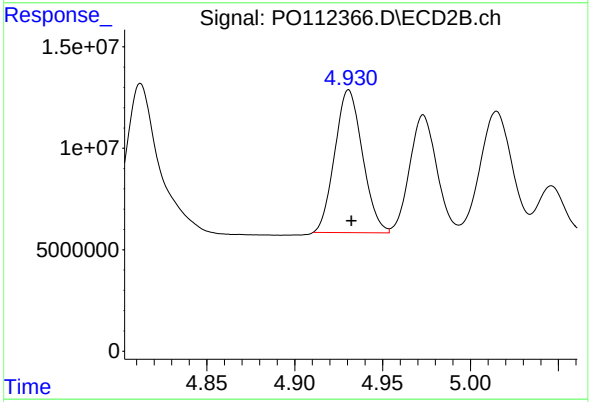
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 139431612
Conc: 910.81 ng/ml



#13 AR-1232-3

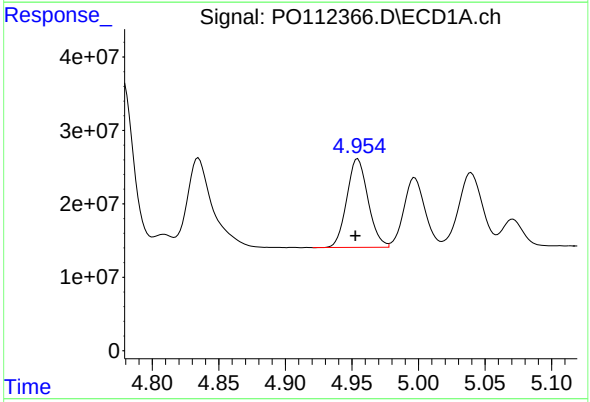
R.T.: 4.778 min
Delta R.T.: 0.002 min
Response: 264817007
Conc: 1156.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



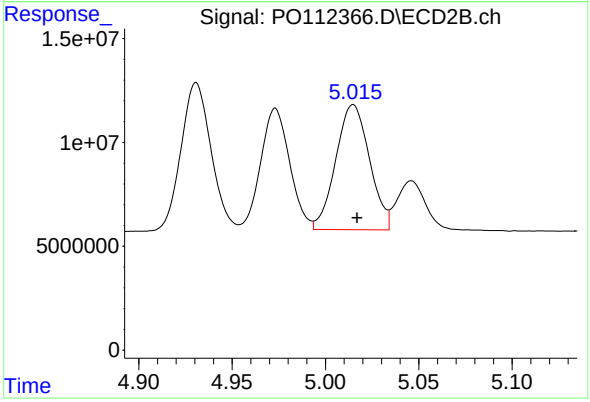
#13 AR-1232-3

R.T.: 4.931 min
Delta R.T.: -0.002 min
Response: 77402062
Conc: 1025.11 ng/ml



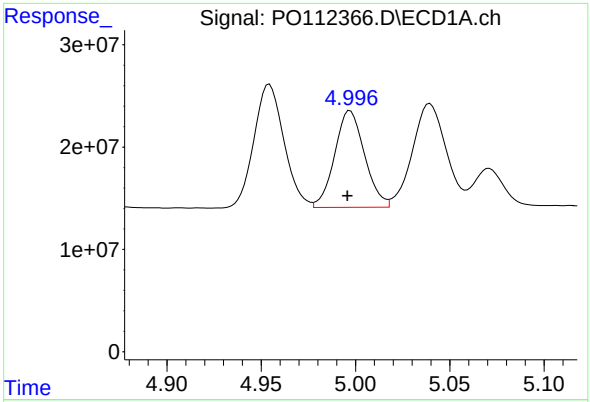
#14 AR-1232-4

R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 134155056
Conc: 1173.74 ng/ml



#14 AR-1232-4

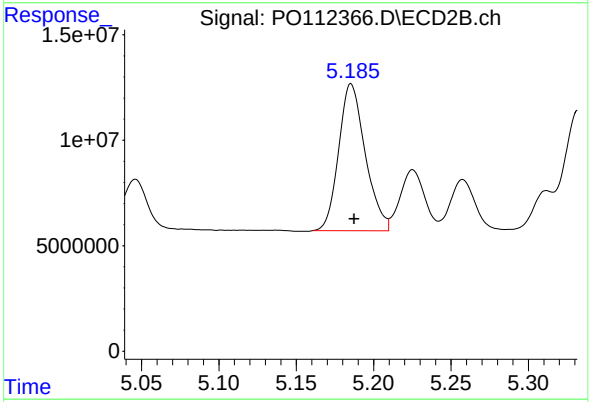
R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 75969252
Conc: 1151.26 ng/ml



#15 AR-1232-5

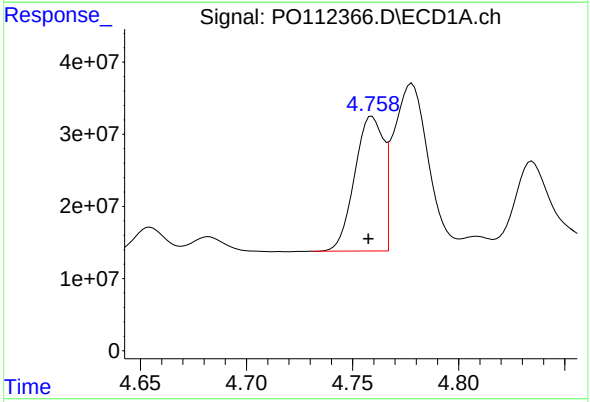
R.T.: 4.997 min
Delta R.T.: 0.001 min
Response: 104555045
Conc: 1424.45 ng/m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



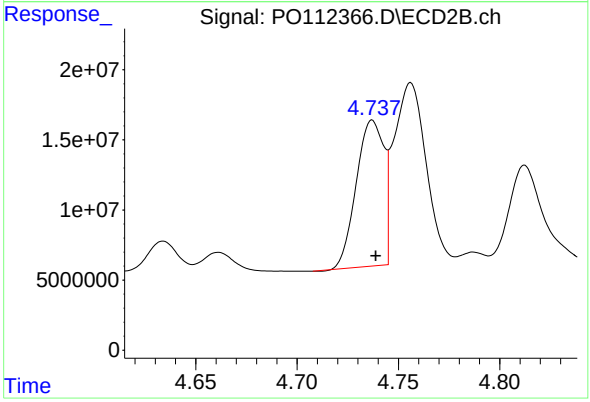
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 83417066
Conc: 1123.31 ng/ml



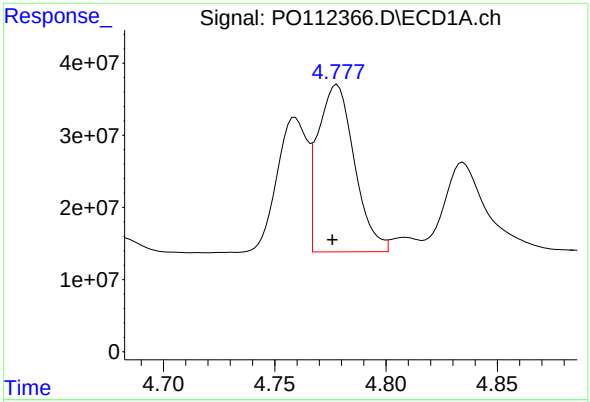
#16 AR-1242-1

R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 176513620
Conc: 609.43 ng/ml



#16 AR-1242-1

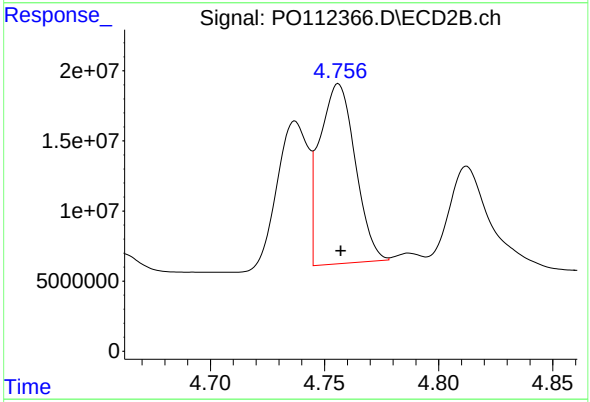
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 98386664
Conc: 507.52 ng/ml



#17 AR-1242-2

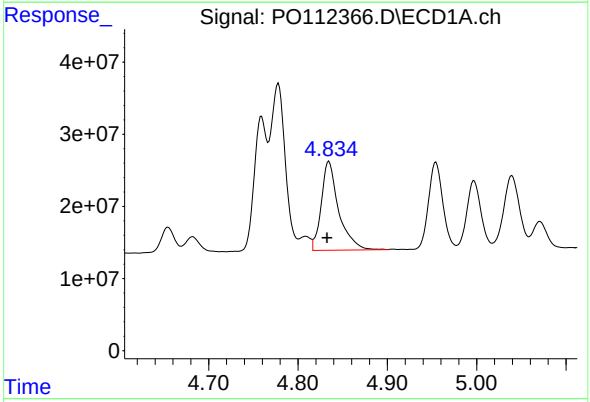
R.T.: 4.778 min
Delta R.T.: 0.002 min
Response: 264817007
Conc: 621.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



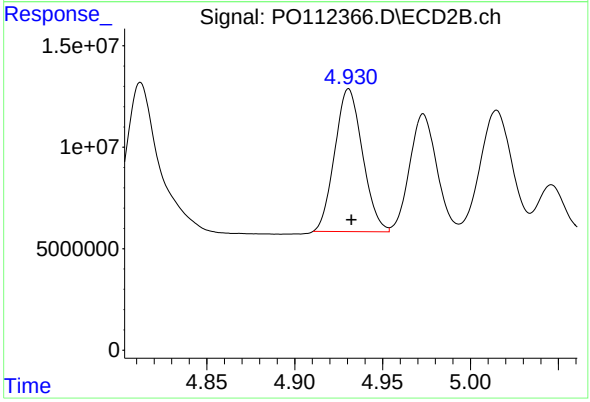
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 139431612
Conc: 492.08 ng/ml



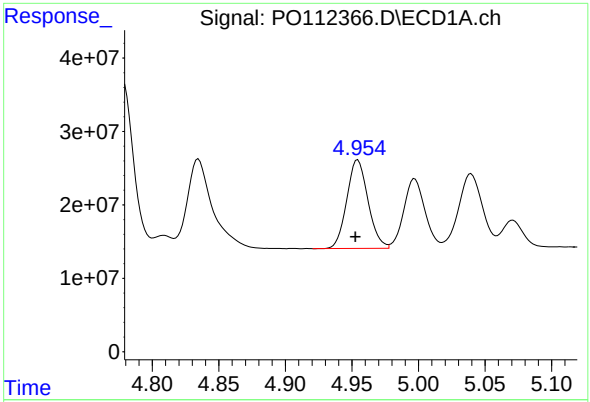
#18 AR-1242-3

R.T.: 4.835 min
Delta R.T.: 0.002 min
Response: 166541661
Conc: 608.51 ng/ml



#18 AR-1242-3

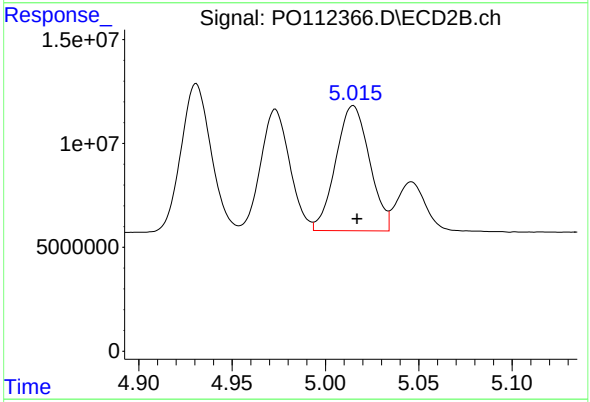
R.T.: 4.931 min
Delta R.T.: -0.002 min
Response: 77402062
Conc: 531.33 ng/ml



#19 AR-1242-4

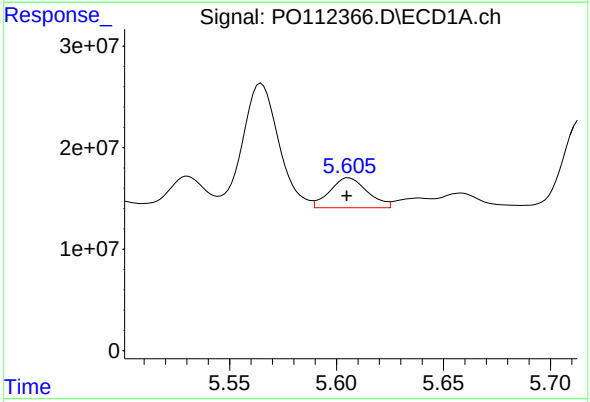
R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 134155056
Conc: 595.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



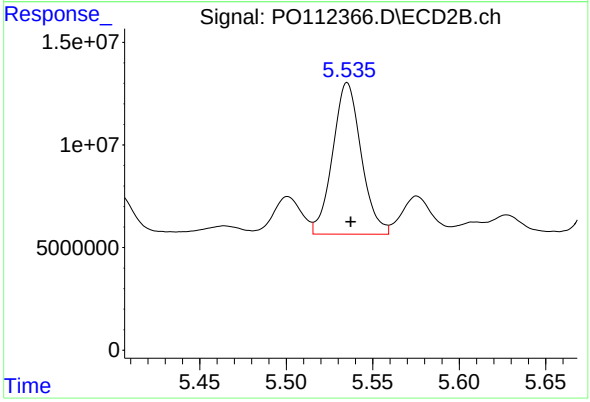
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 75969252
Conc: 535.60 ng/ml



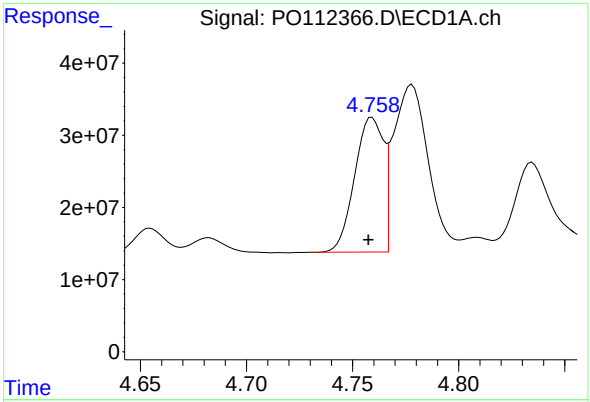
#20 AR-1242-5

R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 36092211
Conc: 170.51 ng/ml



#20 AR-1242-5

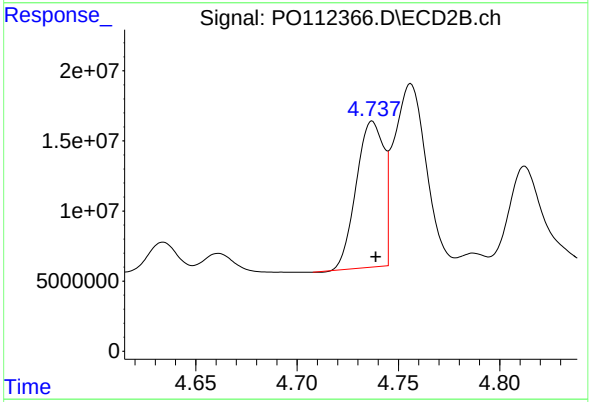
R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 84564389
Conc: 465.32 ng/ml



#21 AR-1248-1

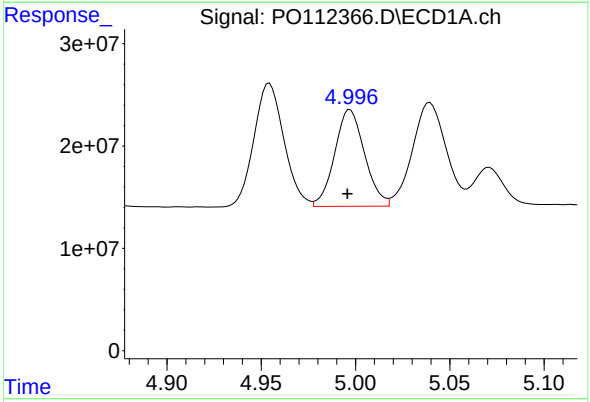
R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 176513620
Conc: 777.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



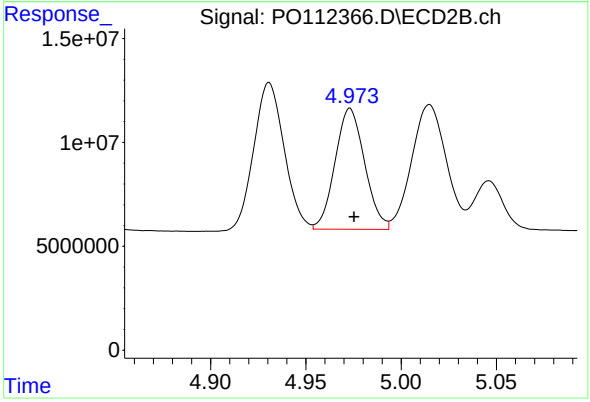
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 98386664
Conc: 637.35 ng/ml



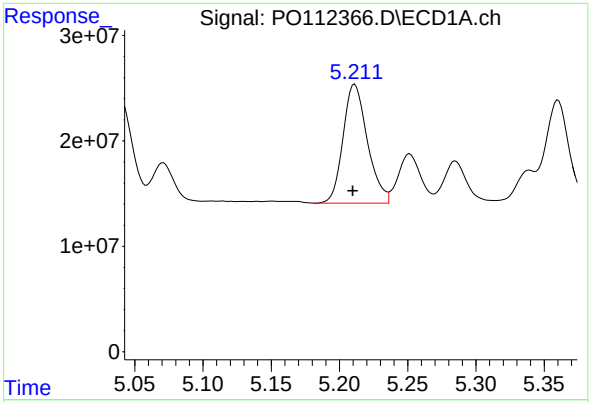
#22 AR-1248-2

R.T.: 4.997 min
Delta R.T.: 0.001 min
Response: 104555045
Conc: 339.11 ng/ml



#22 AR-1248-2

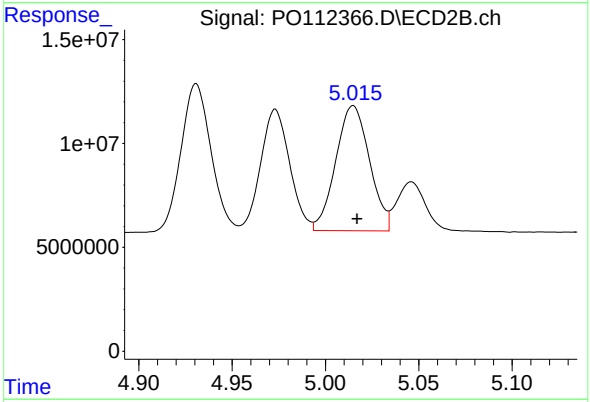
R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 62926663
Conc: 305.81 ng/ml



#23 AR-1248-3

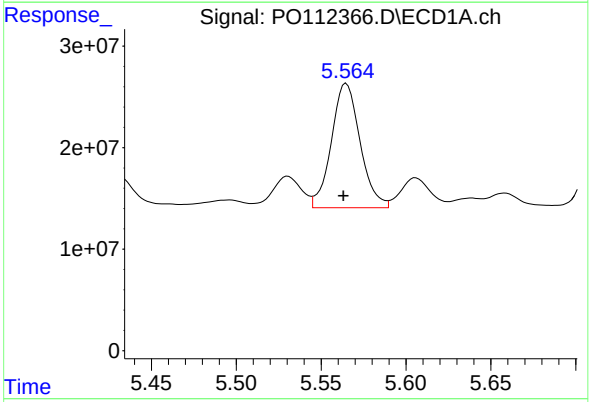
R.T.: 5.211 min
Delta R.T.: 0.002 min
Response: 139965370
Conc: 343.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



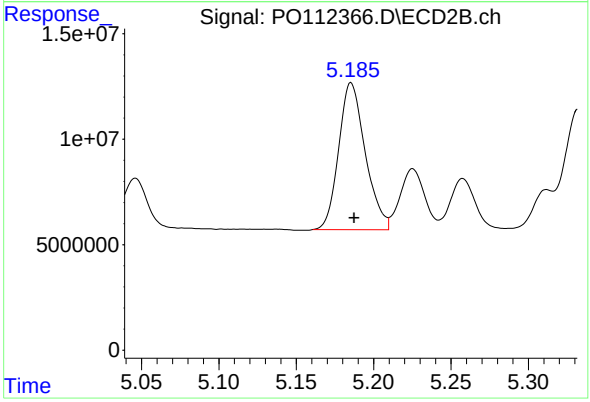
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 75969252
Conc: 353.68 ng/ml



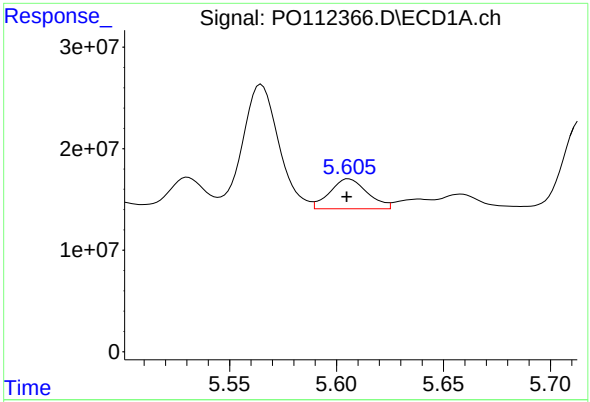
#24 AR-1248-4

R.T.: 5.565 min
Delta R.T.: 0.002 min
Response: 144182766
Conc: 249.82 ng/ml



#24 AR-1248-4

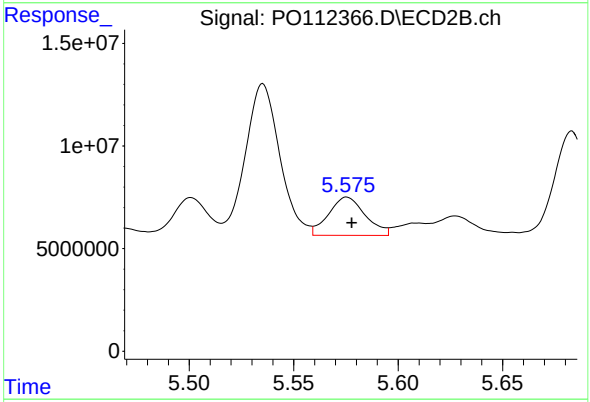
R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 83417066
Conc: 322.41 ng/ml



#25 AR-1248-5

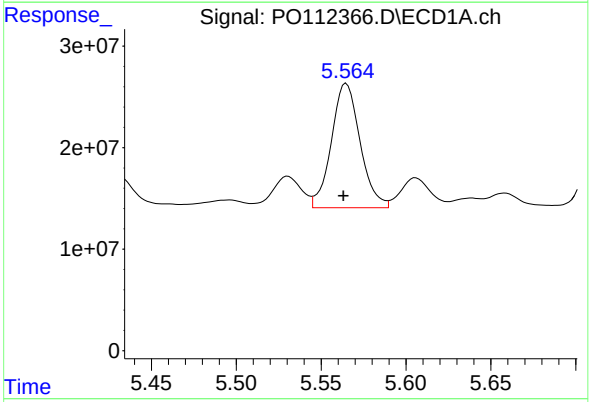
R.T.: 5.606 min
Delta R.T.: 0.000 min
Response: 36092211
Conc: 92.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



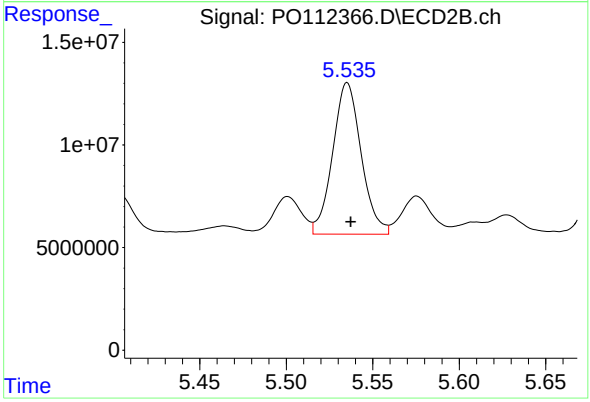
#25 AR-1248-5

R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 22841188
Conc: 91.16 ng/ml



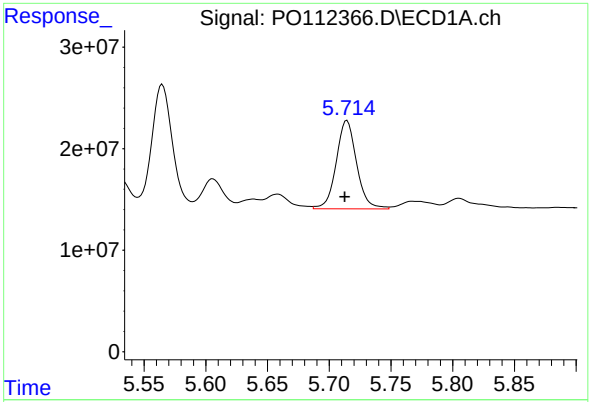
#26 AR-1254-1

R.T.: 5.565 min
Delta R.T.: 0.002 min
Response: 144182766
Conc: 234.40 ng/ml



#26 AR-1254-1

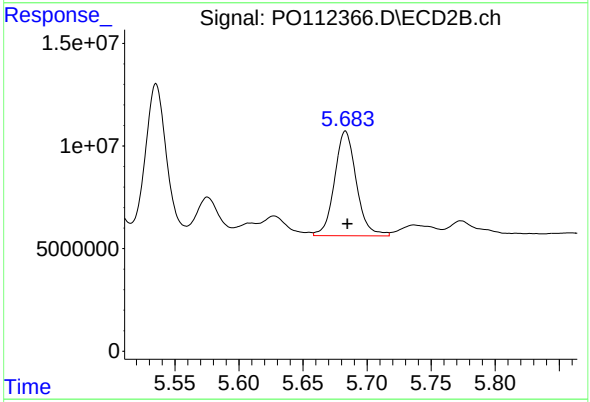
R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 84564389
Conc: 221.86 ng/ml



#27 AR-1254-2

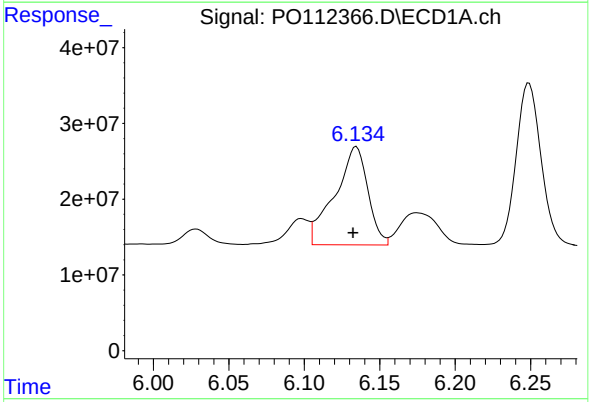
R.T.: 5.714 min
Delta R.T.: 0.002 min
Response: 100121117
Conc: 186.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



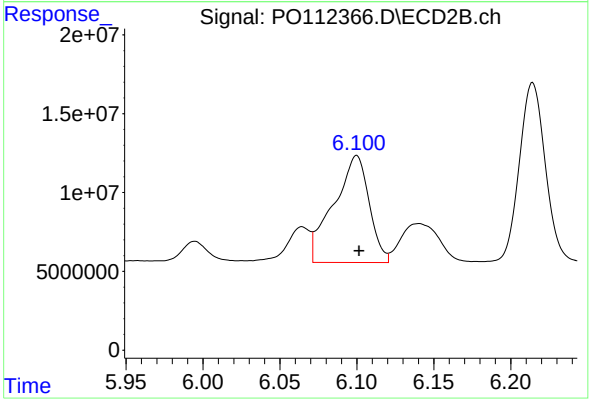
#27 AR-1254-2

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 60270259
Conc: 181.64 ng/ml



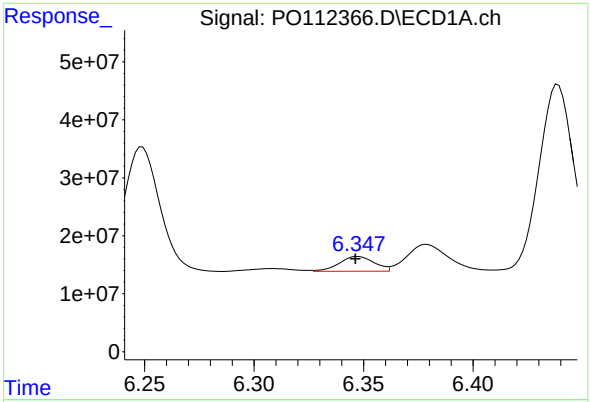
#28 AR-1254-3

R.T.: 6.134 min
Delta R.T.: 0.002 min
Response: 198228185
Conc: 236.10 ng/ml



#28 AR-1254-3

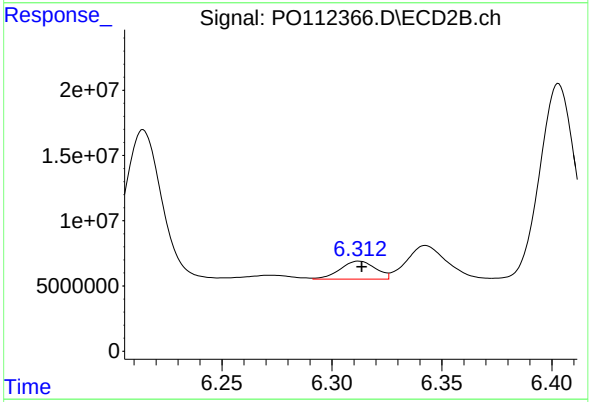
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 109004944
Conc: 226.13 ng/ml



#29 AR-1254-4

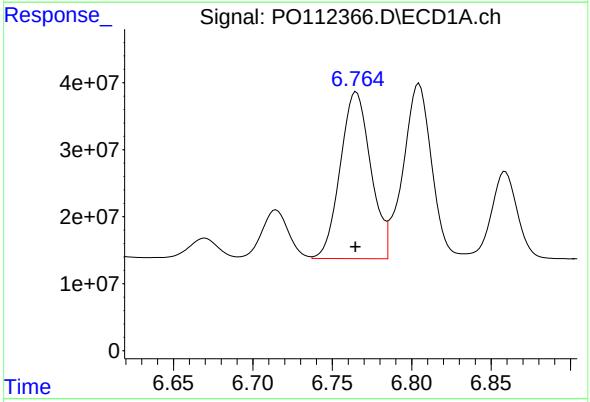
R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 28382091
Conc: 59.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



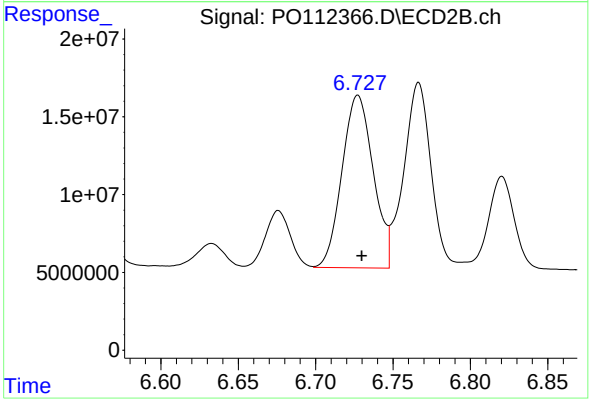
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.001 min
Response: 15522172
Conc: 59.54 ng/ml



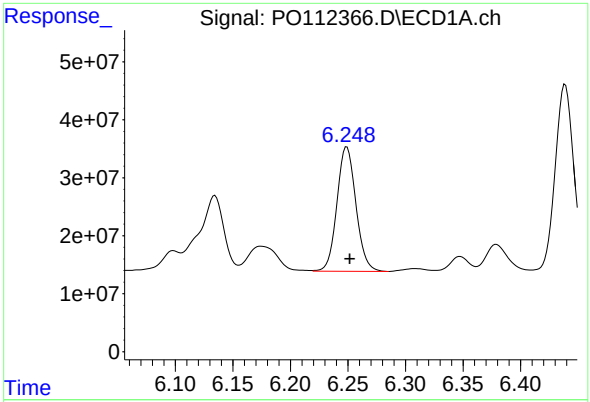
#30 AR-1254-5

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 332877182
Conc: 430.10 ng/ml



#30 AR-1254-5

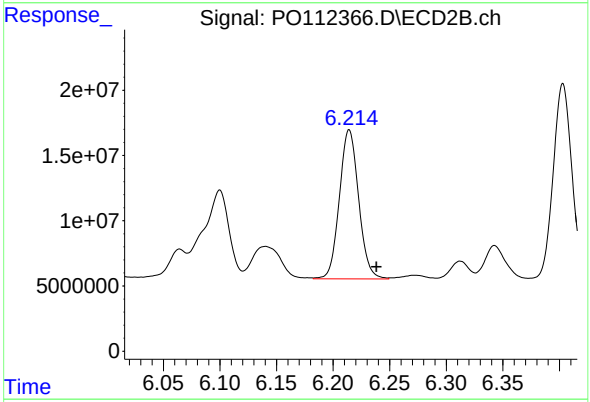
R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 156012311
Conc: 437.80 ng/ml



#31 AR-1260-1

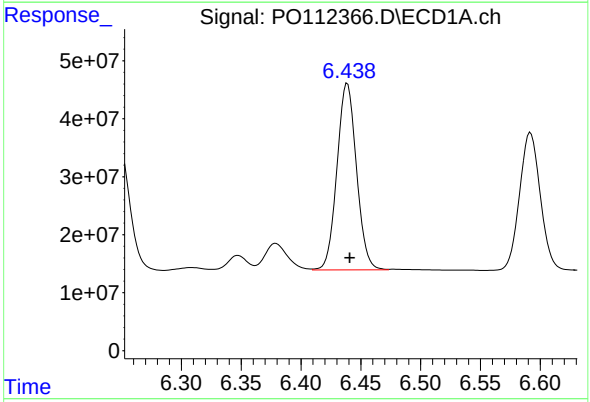
R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 247502934
Conc: 493.78 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



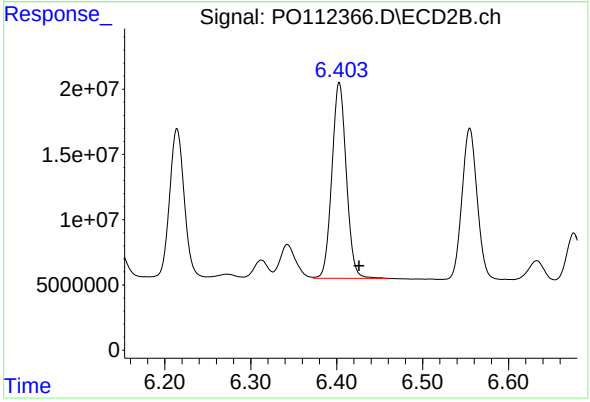
#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: -0.024 min
Response: 135454857
Conc: 482.80 ng/ml



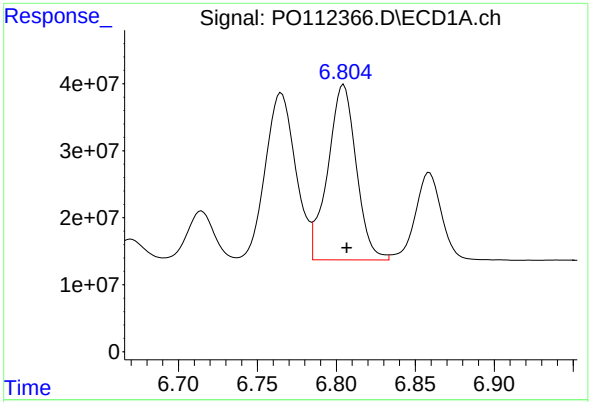
#32 AR-1260-2

R.T.: 6.439 min
Delta R.T.: -0.002 min
Response: 365378129
Conc: 495.00 ng/ml



#32 AR-1260-2

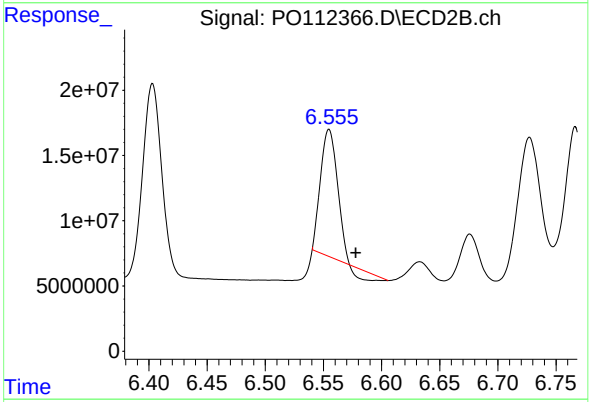
R.T.: 6.403 min
Delta R.T.: -0.023 min
Response: 174971478
Conc: 514.63 ng/ml



#33 AR-1260-3

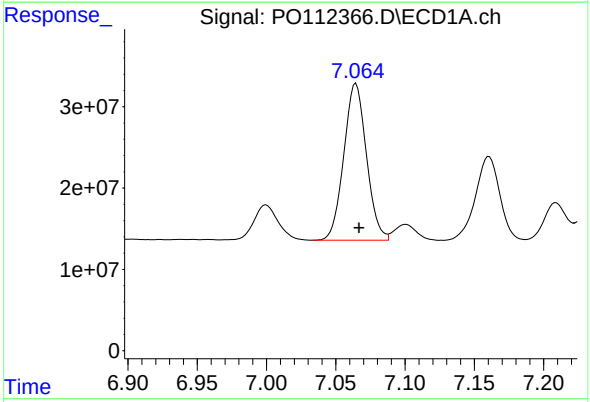
R.T.: 6.805 min
Delta R.T.: -0.002 min
Response: 327878936
Conc: 500.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



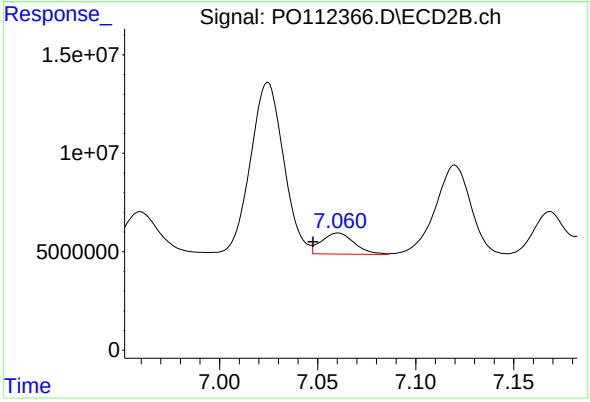
#33 AR-1260-3

R.T.: 6.555 min
Delta R.T.: -0.023 min
Response: 91053432
Conc: 330.40 ng/ml



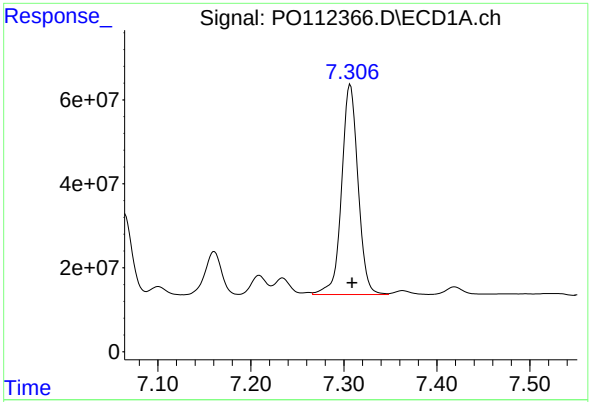
#34 AR-1260-4

R.T.: 7.064 min
Delta R.T.: -0.002 min
Response: 219151907
Conc: 503.51 ng/ml



#34 AR-1260-4

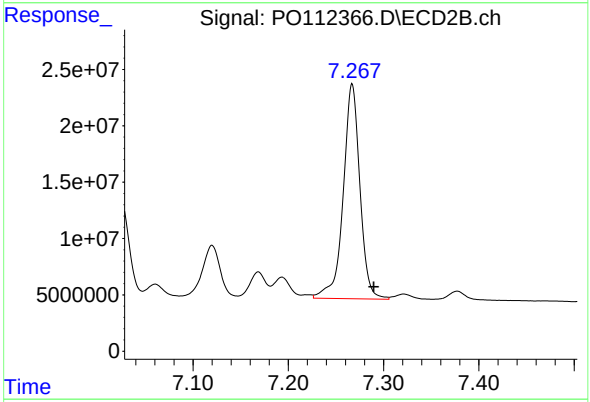
R.T.: 7.060 min
Delta R.T.: 0.013 min
Response: 12369917
Conc: 61.65 ng/ml



#35 AR-1260-5

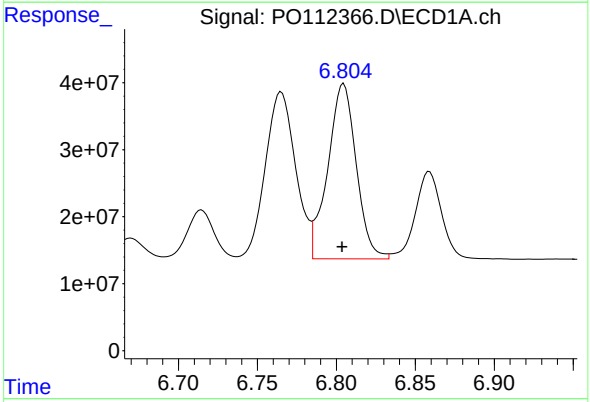
R.T.: 7.307 min
Delta R.T.: -0.002 min
Response: 613903993
Conc: 486.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



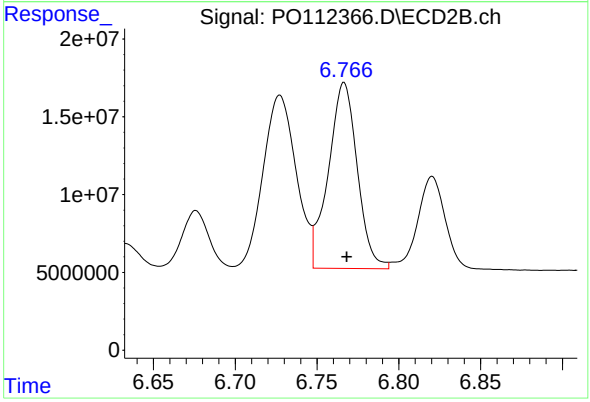
#35 AR-1260-5

R.T.: 7.267 min
Delta R.T.: -0.022 min
Response: 232707276
Conc: 519.75 ng/ml



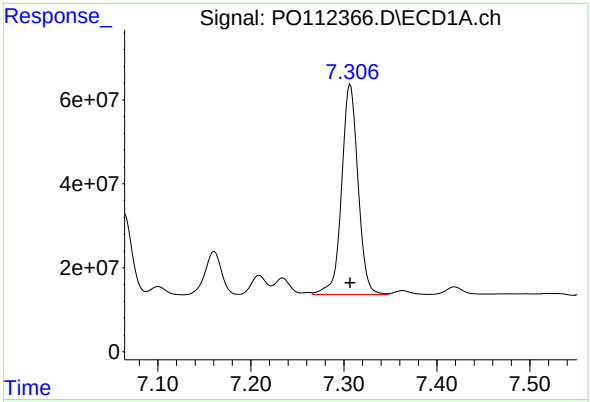
#36 AR-1262-1

R.T.: 6.805 min
Delta R.T.: 0.001 min
Response: 327878936
Conc: 320.92 ng/ml



#36 AR-1262-1

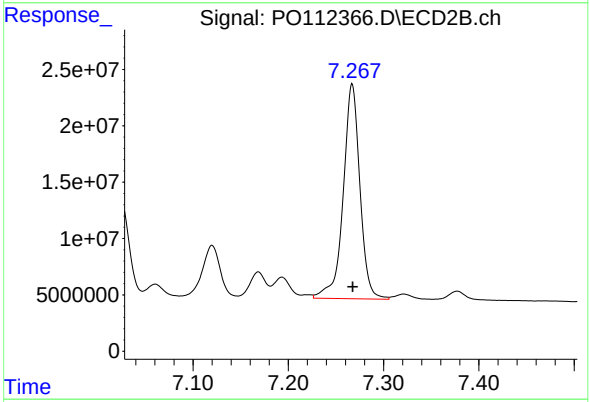
R.T.: 6.767 min
Delta R.T.: -0.002 min
Response: 147082291
Conc: 361.10 ng/ml



#37 AR-1262-2

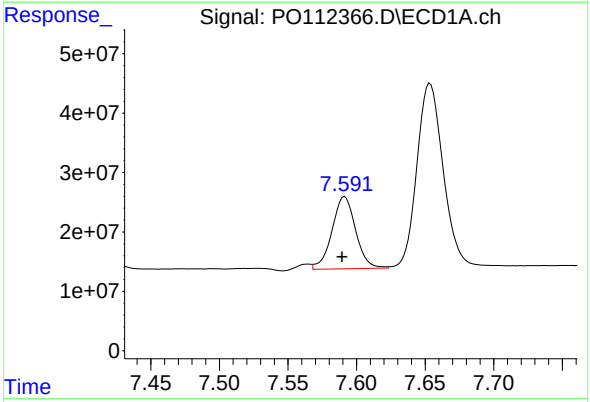
R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 613903993
Conc: 374.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



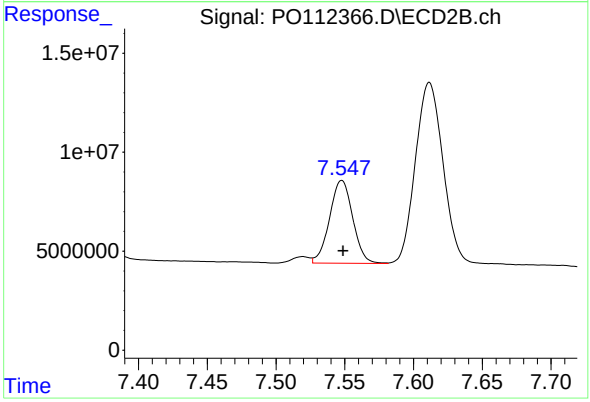
#37 AR-1262-2

R.T.: 7.267 min
Delta R.T.: 0.000 min
Response: 232707276
Conc: 454.02 ng/ml



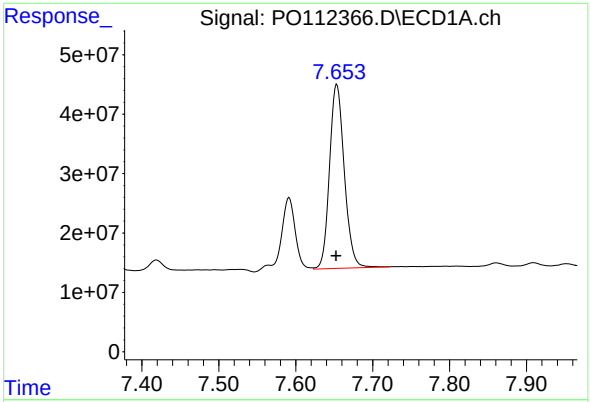
#38 AR-1262-3

R.T.: 7.591 min
Delta R.T.: 0.002 min
Response: 145699653
Conc: 226.96 ng/ml



#38 AR-1262-3

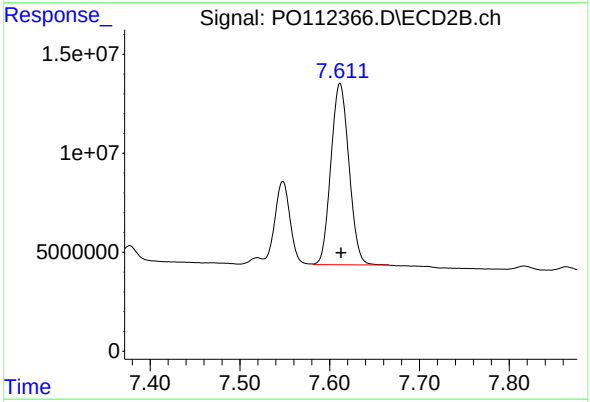
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 49200657
Conc: 274.06 ng/ml



#39 AR-1262-4

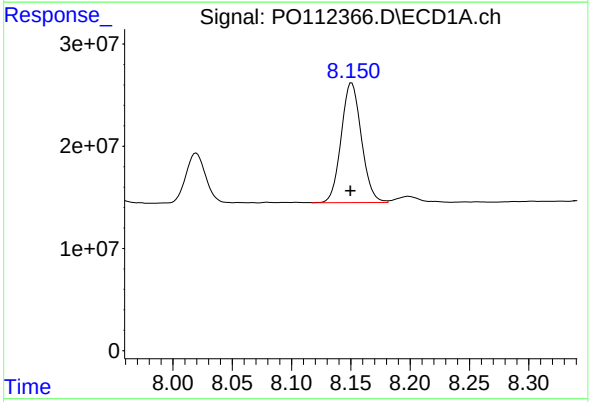
R.T.: 7.654 min
Delta R.T.: 0.001 min
Response: 412857283
Conc: 385.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



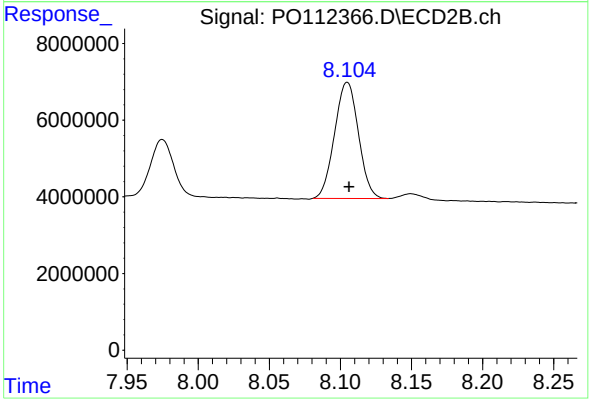
#39 AR-1262-4

R.T.: 7.612 min
Delta R.T.: -0.001 min
Response: 127849232
Conc: 439.47 ng/ml



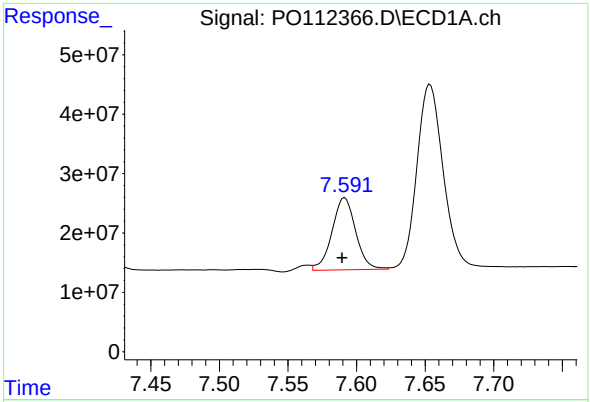
#40 AR-1262-5

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 139157075
Conc: 310.52 ng/ml



#40 AR-1262-5

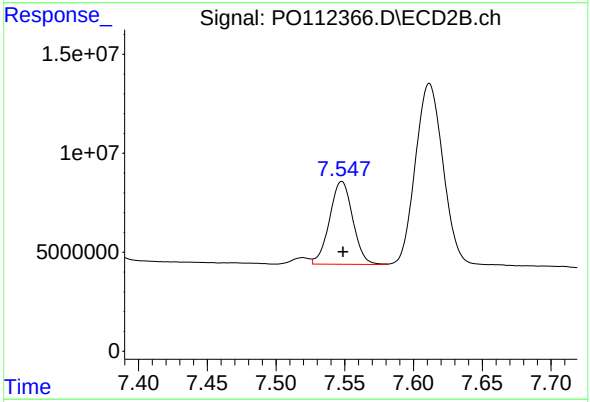
R.T.: 8.105 min
Delta R.T.: -0.001 min
Response: 35416682
Conc: 334.80 ng/ml



#41 AR-1268-1

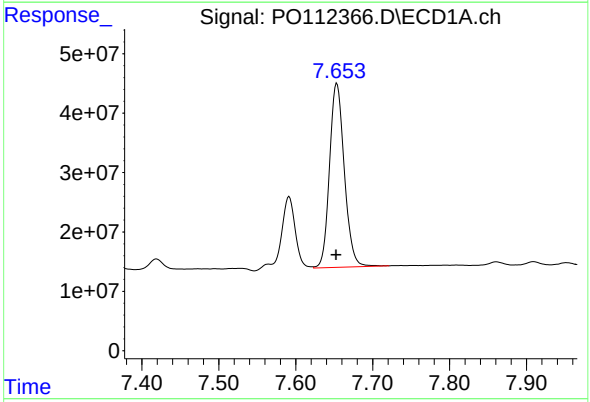
R.T.: 7.591 min
Delta R.T.: 0.002 min
Response: 145699653
Conc: 79.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



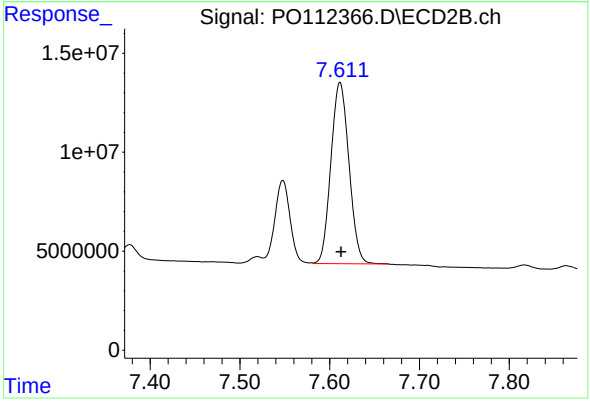
#41 AR-1268-1

R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 49200657
Conc: 100.11 ng/ml



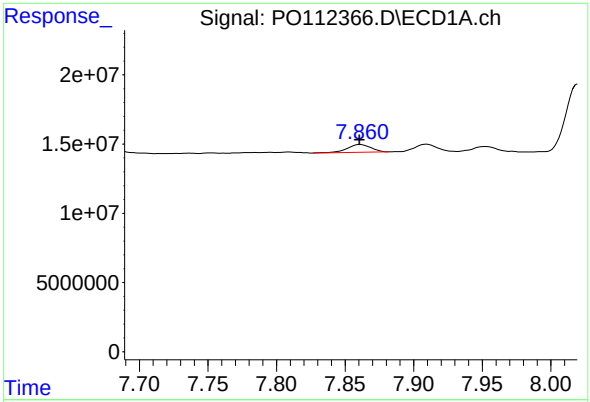
#42 AR-1268-2

R.T.: 7.654 min
Delta R.T.: 0.001 min
Response: 412857283
Conc: 265.06 ng/ml



#42 AR-1268-2

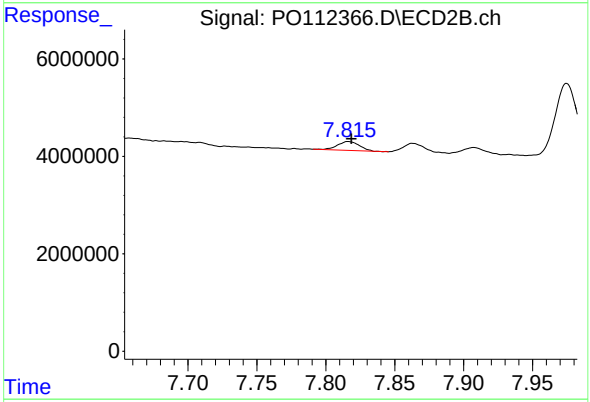
R.T.: 7.612 min
Delta R.T.: -0.001 min
Response: 127849232
Conc: 306.46 ng/ml



#43 AR-1268-3

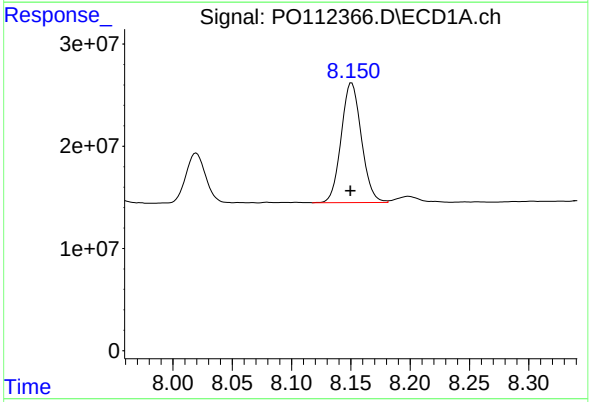
R.T.: 7.861 min
Delta R.T.: 0.000 min
Response: 6667277
Conc: 5.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



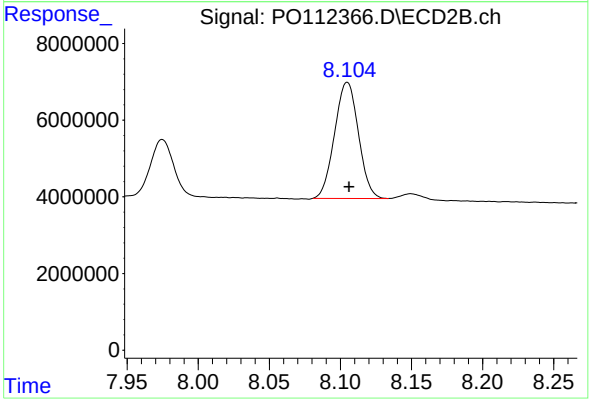
#43 AR-1268-3

R.T.: 7.816 min
Delta R.T.: -0.002 min
Response: 2004613
Conc: 6.34 ng/ml



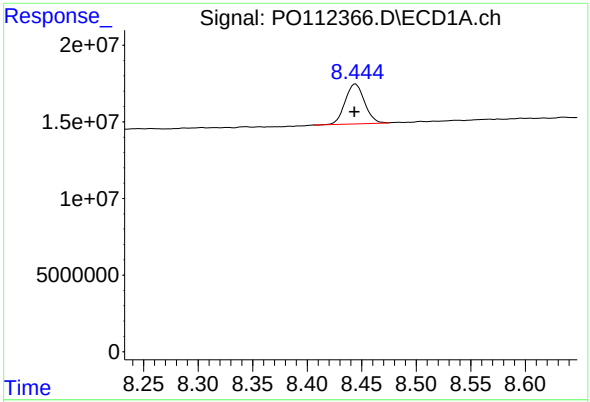
#44 AR-1268-4

R.T.: 8.151 min
Delta R.T.: 0.000 min
Response: 139157075
Conc: 289.66 ng/ml



#44 AR-1268-4

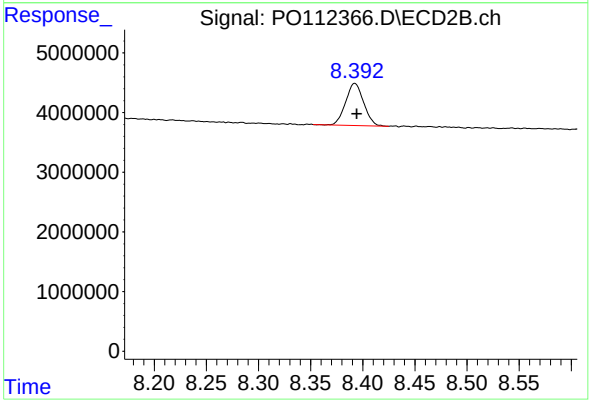
R.T.: 8.105 min
Delta R.T.: -0.001 min
Response: 35416682
Conc: 317.60 ng/ml



#45 AR-1268-5

R.T.: 8.444 min
Delta R.T.: 0.001 min
Response: 32257747
Conc: 9.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.392 min
Delta R.T.: -0.002 min
Response: 8529469
Conc: 11.74 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:53
Operator : YP/AJ
Sample : PB168946BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168946BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.669	3.701	198.9E6	7604778	20.097	1.194	#
2)	SA Decachlor...	8.694	8.641	138.8E6	33602766	20.304	19.497	
	Target Compounds							
3)	L1 AR-1016-1	4.755	4.755	168.2E6	133.9E6	494.436	600.713	
4)	L1 AR-1016-2	4.774	4.786	252.9E6	2290809	508.490	6.961	#
5)	L1 AR-1016-3	4.831	4.973	156.3E6	58394272	482.700	343.765	#
6)	L1 AR-1016-4	4.951	5.015	128.1E6	72030628	498.882	524.899	
7)	L1 AR-1016-5	5.208	5.225	128.4E6	28470293	469.263	165.093	#
8)	L2 AR-1221-1	3.880	3.869	14601440	9978102	125.212	121.248	
9)	L2 AR-1221-2	3.967	3.956	18307639	12367140	232.211	208.364	
10)	L2 AR-1221-3	4.042	4.030	86811828	54555800	322.024	288.997	
11)	L3 AR-1232-1	4.042	4.030	86811828	54555800	404.401	363.465	
12)	L3 AR-1232-2	4.534	4.755	129.9E6	133.9E6	1142.791	874.409	
13)	L3 AR-1232-3	4.774	4.930	252.9E6	73174410	1104.184	969.120	
14)	L3 AR-1232-4	4.951	5.015	128.1E6	72030628	1120.879	1091.568	
15)	L3 AR-1232-5	4.993	5.185	96985158	75664517	1321.319	1018.915	
16)	L4 AR-1242-1	4.755	4.737	168.2E6	95005154	580.621	490.075	
17)	L4 AR-1242-2	4.774	4.755	252.9E6	133.9E6	593.699	472.414	
18)	L4 AR-1242-3	4.831	4.930	156.3E6	73174410	570.936	502.305	
19)	L4 AR-1242-4	4.951	5.015	128.1E6	72030628	568.586	507.828	
20)	L4 AR-1242-5	5.602	5.534	19361758	63182385	91.471	347.664	#
21)	L5 AR-1248-1	4.755	4.737	168.2E6	95005154	741.160	615.445	
22)	L5 AR-1248-2	4.993	4.973	96985158	58394272	314.555	283.787	
23)	L5 AR-1248-3	5.208	5.015	128.4E6	72030628	315.279	335.341	
24)	L5 AR-1248-4	5.561	5.185	108.3E6	75664517	187.607	292.450	#
25)	L5 AR-1248-5	5.602	5.575	19361758	12216037	49.607	48.757	
26)	L6 AR-1254-1	5.561	5.534	108.3E6	63182385	176.028	165.760	
27)	L6 AR-1254-2	5.710	5.682	106.5E6	62057950	198.850	187.028	
28)	L6 AR-1254-3	6.129	6.099	189.2E6	101.1E6	225.344	209.669	
29)	L6 AR-1254-4	6.343	6.311	20445707	11219827	42.505	43.038	
30)	L6 AR-1254-5	6.760	6.726	354.3E6	151.7E6	457.737	425.582	
31)	L7 AR-1260-1	6.244	6.213	247.7E6	130.2E6	494.273	463.920	
32)	L7 AR-1260-2	6.434	6.401	364.1E6	161.4E6	493.291	474.612	
33)	L7 AR-1260-3	6.800	6.553	275.2E6	64614838	419.906	234.463	#
34)	L7 AR-1260-4	7.059	7.058	198.2E6	11254074	455.343	56.089	#
35)	L7 AR-1260-5	7.302	7.265	553.8E6	169.1E6	438.616	377.734	
36)	L8 AR-1262-1	6.800	6.765	275.2E6	111.5E6	269.398	273.759	
37)	L8 AR-1262-2	7.302	7.265	553.8E6	169.1E6	337.793	329.964	
38)	L8 AR-1262-3	7.585	7.546	99013004	29552055	154.232	164.613	
39)	L8 AR-1262-4	7.648	7.608	340.6E6	90818916	317.882	312.179	
40)	L8 AR-1262-5	8.145	8.102	101.5E6	22461776	226.479	212.337	
41)	L9 AR-1268-1	7.585	7.546	99013004	29552055	53.886	60.132	

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:53
Operator : YP/AJ
Sample : PB168946BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB168946BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.648	7.608	340.6E6	90818916	218.662	217.694
43)	L9 AR-1268-3	7.857	7.815	6936788	2039696	5.337	6.447
44)	L9 AR-1268-4	8.145	8.102	101.5E6	22461776	211.267	201.429
45)	L9 AR-1268-5	8.439	8.390	28710766	6835596	8.797	9.409

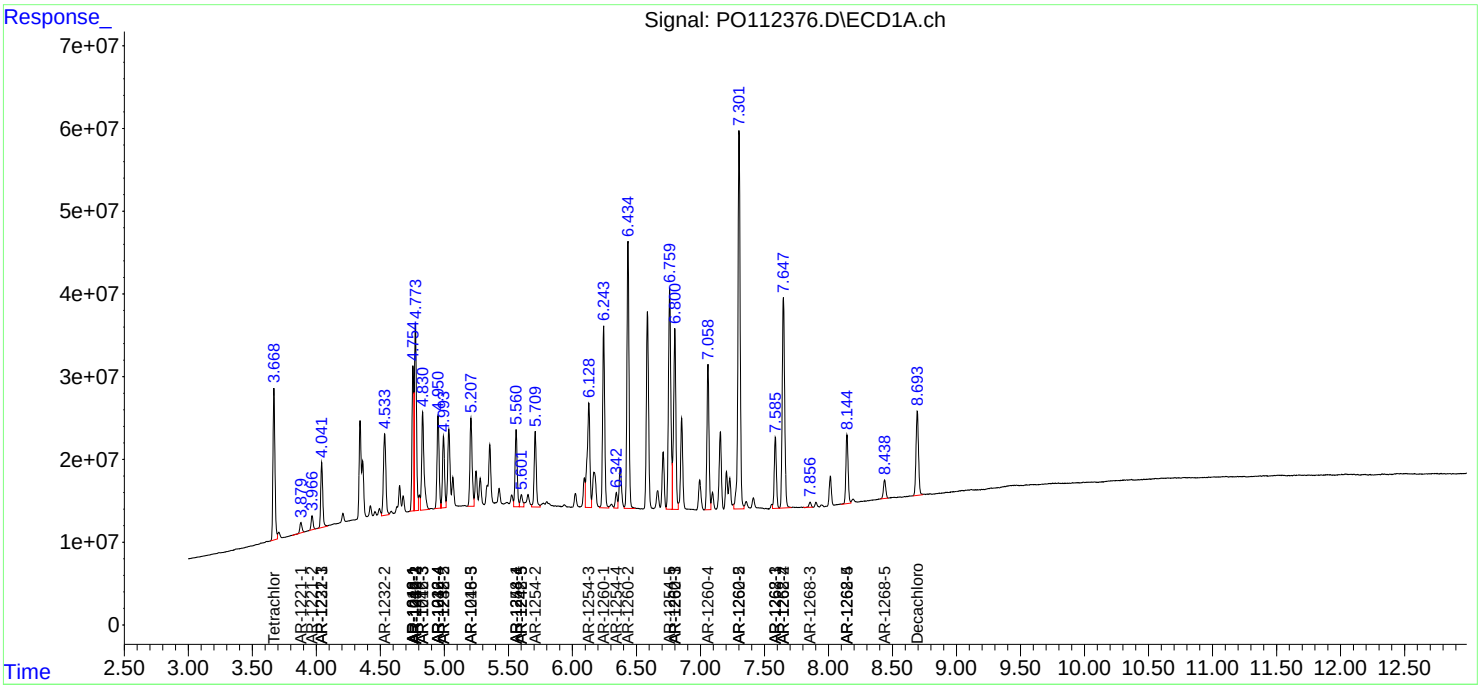
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

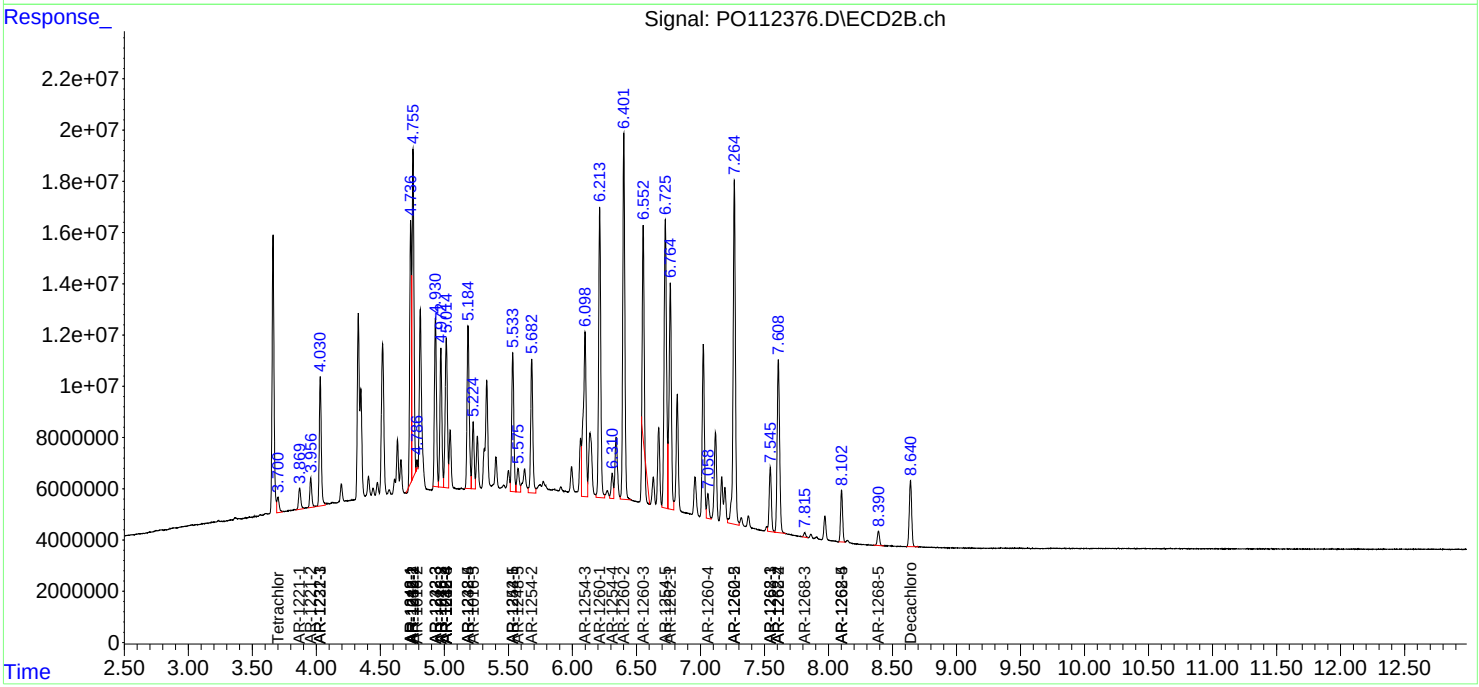
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 13:53
Operator : YP/AJ
Sample : PB168946BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

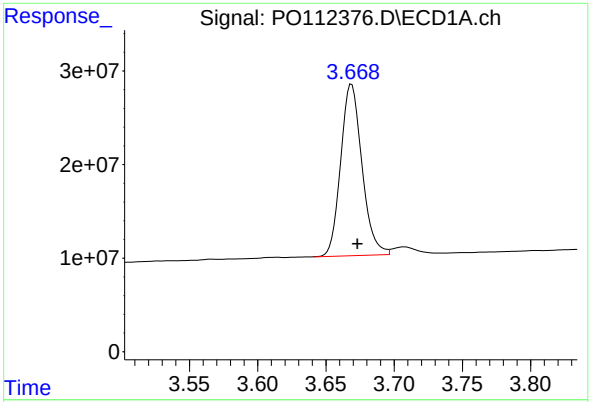
Instrument :
ECD_O
ClientSampleId :
PB168946BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:49:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



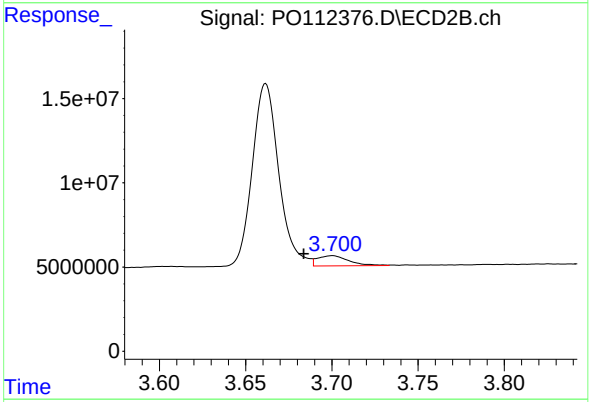




#1 Tetrachloro-m-xylene

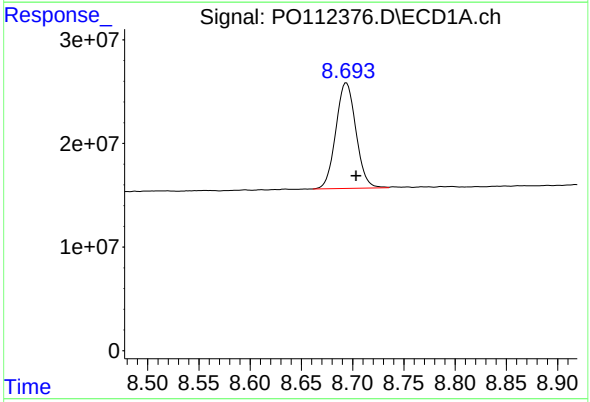
R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 198851364
Conc: 20.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



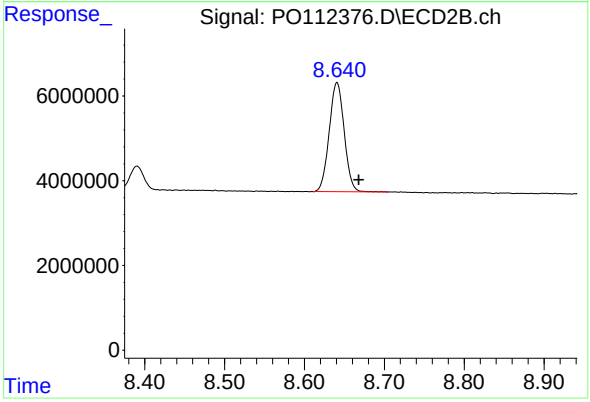
#1 Tetrachloro-m-xylene

R.T.: 3.701 min
Delta R.T.: 0.017 min
Response: 7604778
Conc: 1.19 ng/ml



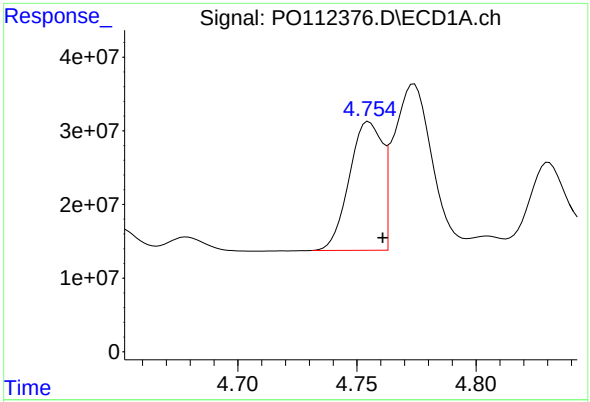
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.010 min
Response: 138816170
Conc: 20.30 ng/ml



#2 Decachlorobiphenyl

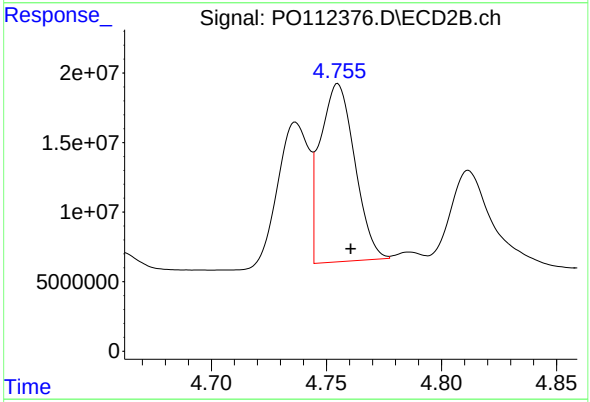
R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 33602766
Conc: 19.50 ng/ml



#3 AR-1016-1

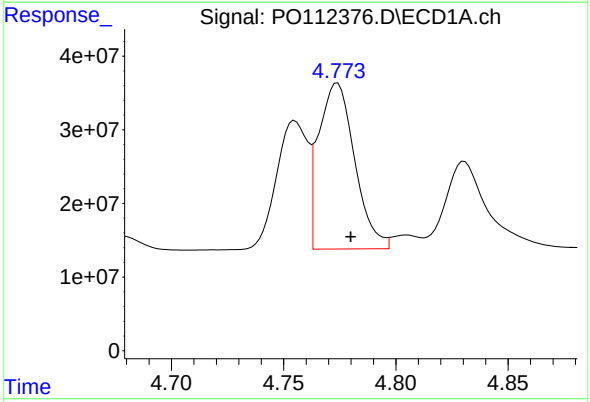
R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 168169014
Conc: 494.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



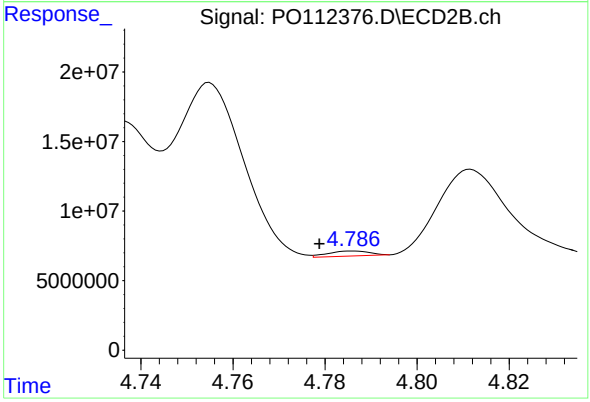
#3 AR-1016-1

R.T.: 4.755 min
Delta R.T.: -0.006 min
Response: 133859552
Conc: 600.71 ng/ml



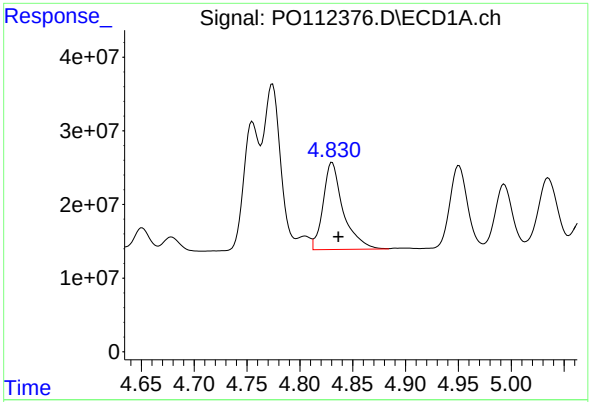
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 252867974
Conc: 508.49 ng/ml



#4 AR-1016-2

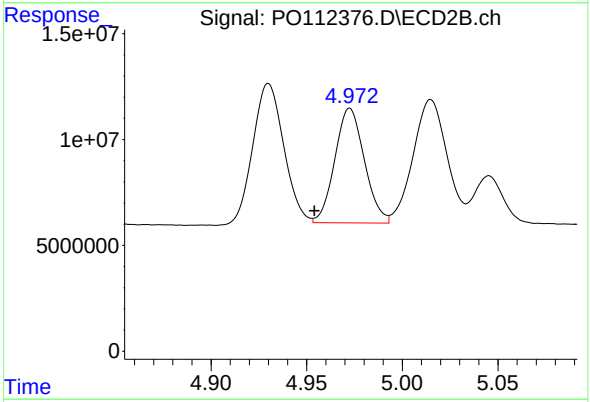
R.T.: 4.786 min
Delta R.T.: 0.007 min
Response: 2290809
Conc: 6.96 ng/ml



#5 AR-1016-3

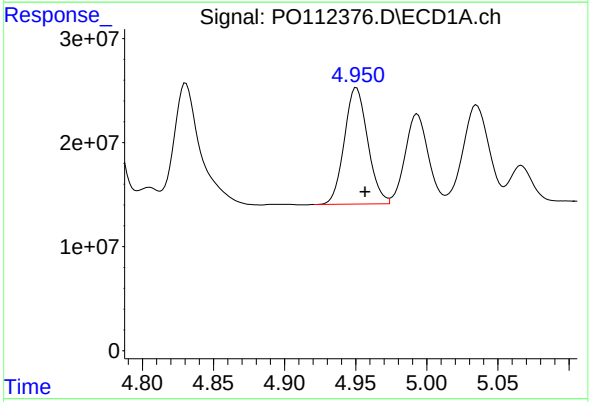
R.T.: 4.831 min
Delta R.T.: -0.006 min
Response: 156256846
Conc: 482.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



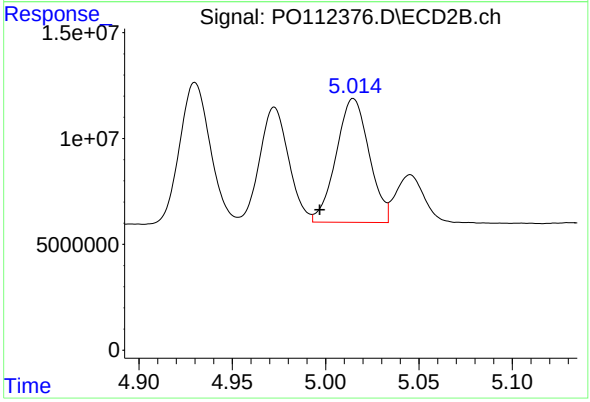
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: 0.019 min
Response: 58394272
Conc: 343.76 ng/ml



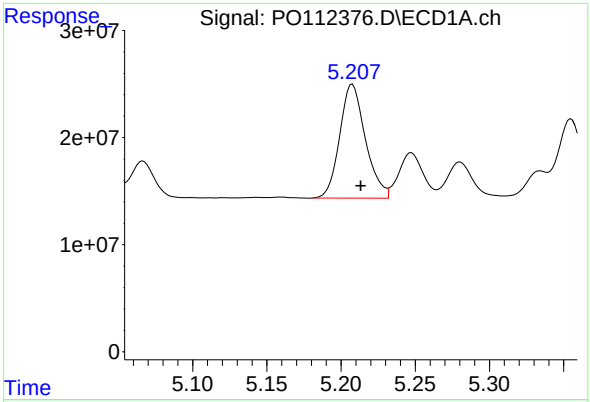
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.006 min
Response: 128112782
Conc: 498.88 ng/ml



#6 AR-1016-4

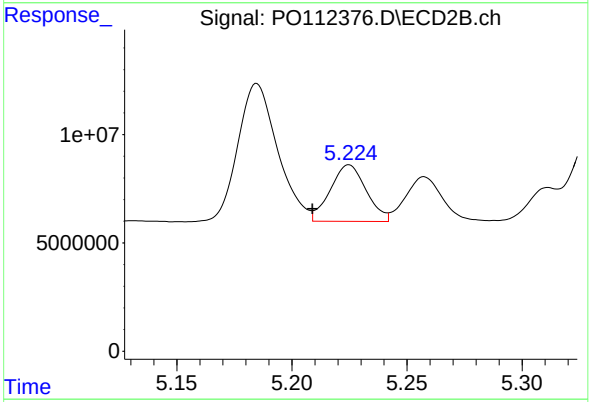
R.T.: 5.015 min
Delta R.T.: 0.018 min
Response: 72030628
Conc: 524.90 ng/ml



#7 AR-1016-5

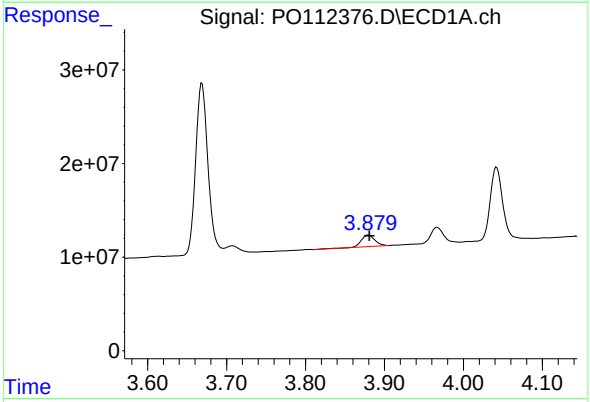
R.T.: 5.208 min
Delta R.T.: -0.006 min
Response: 128419499
Conc: 469.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



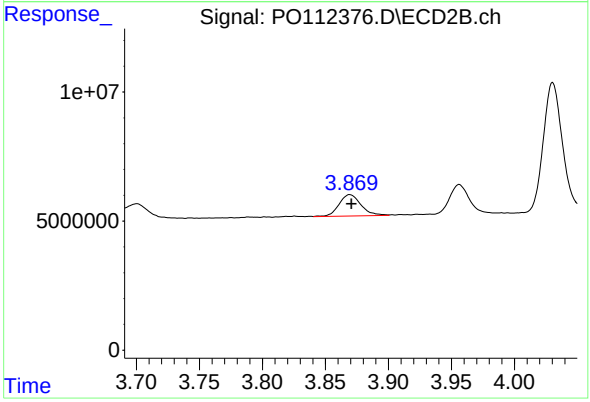
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: 0.016 min
Response: 28470293
Conc: 165.09 ng/ml



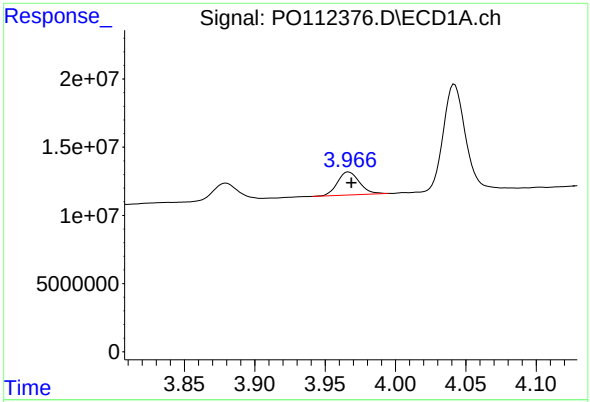
#8 AR-1221-1

R.T.: 3.880 min
Delta R.T.: -0.001 min
Response: 14601440
Conc: 125.21 ng/ml



#8 AR-1221-1

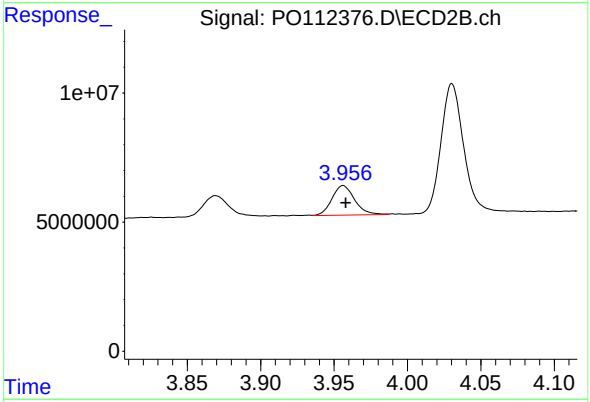
R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 9978102
Conc: 121.25 ng/ml



#9 AR-1221-2

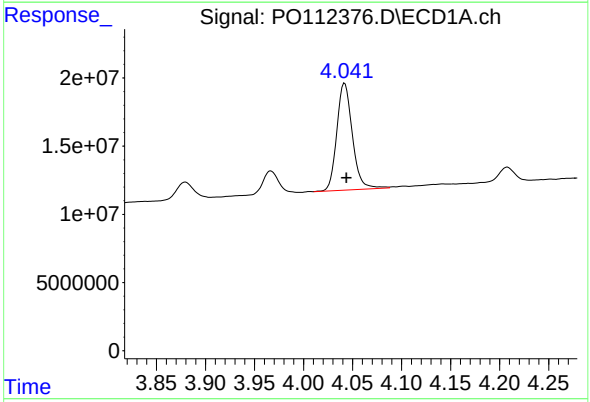
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 18307639
Conc: 232.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



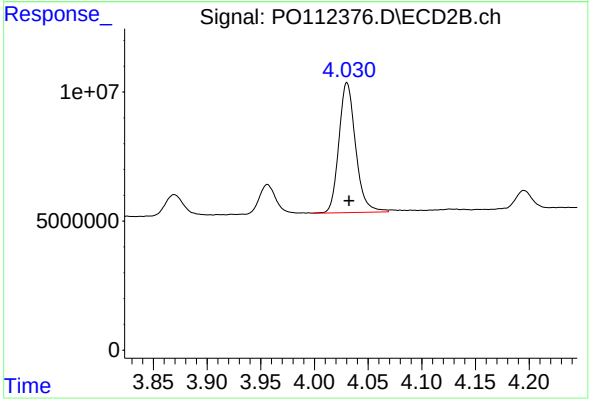
#9 AR-1221-2

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 12367140
Conc: 208.36 ng/ml



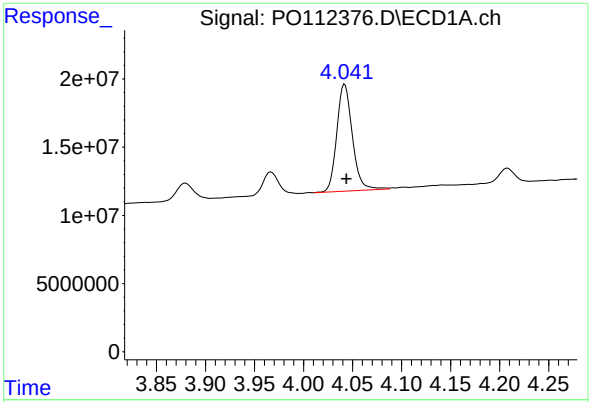
#10 AR-1221-3

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 86811828
Conc: 322.02 ng/ml



#10 AR-1221-3

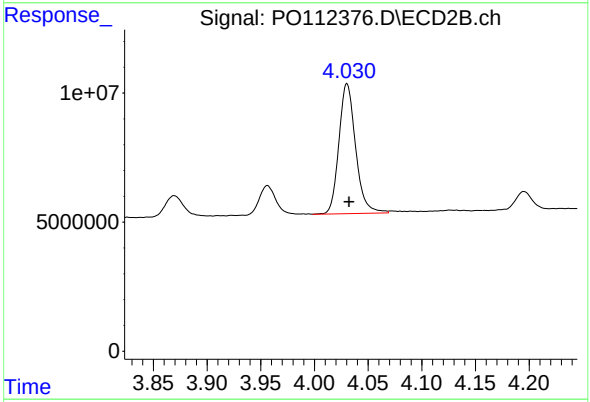
R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 54555800
Conc: 289.00 ng/ml



#11 AR-1232-1

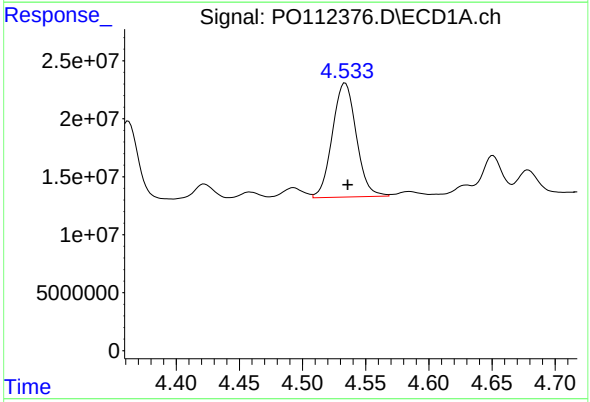
R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 86811828
Conc: 404.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



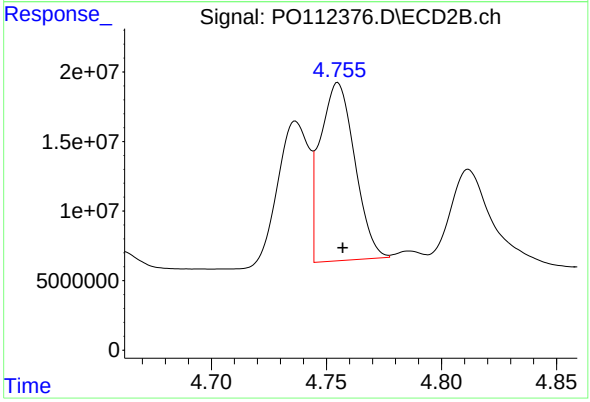
#11 AR-1232-1

R.T.: 4.030 min
Delta R.T.: -0.002 min
Response: 54555800
Conc: 363.46 ng/ml



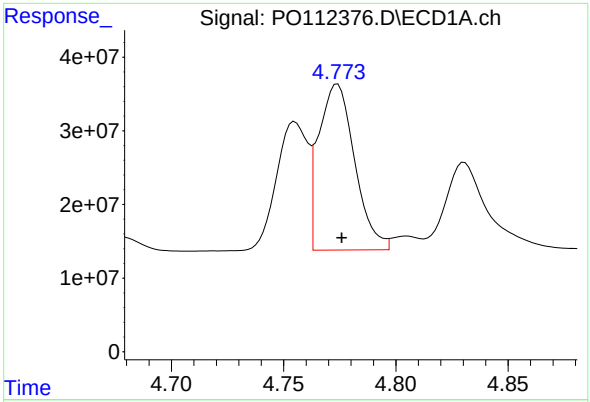
#12 AR-1232-2

R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 129863274
Conc: 1142.79 ng/ml



#12 AR-1232-2

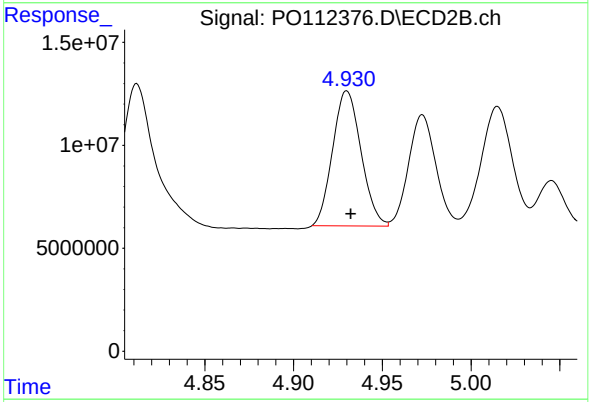
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 133859552
Conc: 874.41 ng/ml



#13 AR-1232-3

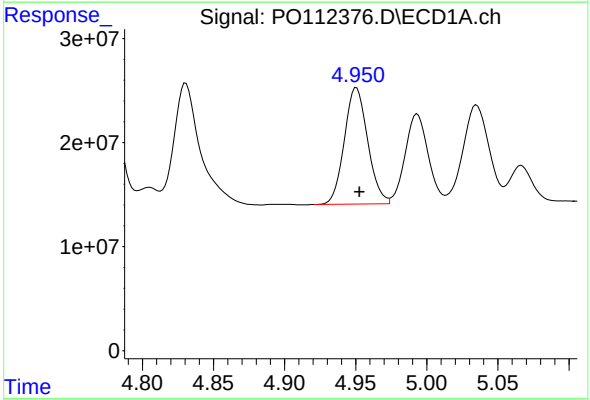
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 252867974
Conc: 1104.18 ng/m

Instrument :
ECD_O
ClientSampleId :
PB168946BS



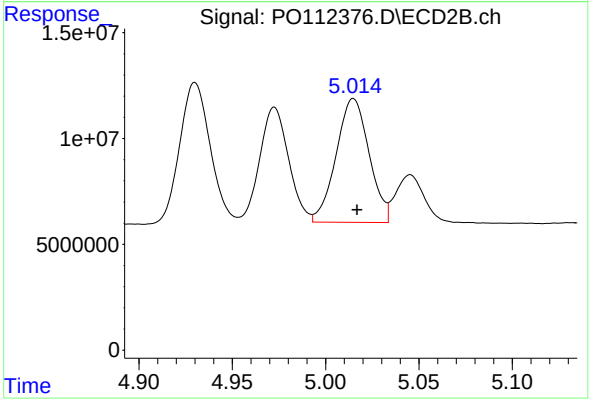
#13 AR-1232-3

R.T.: 4.930 min
Delta R.T.: -0.002 min
Response: 73174410
Conc: 969.12 ng/ml



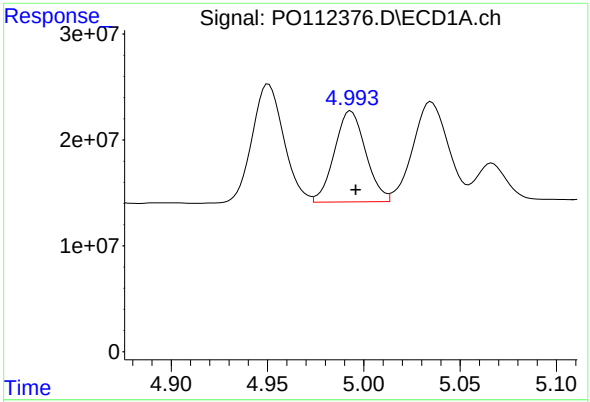
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 128112782
Conc: 1120.88 ng/ml



#14 AR-1232-4

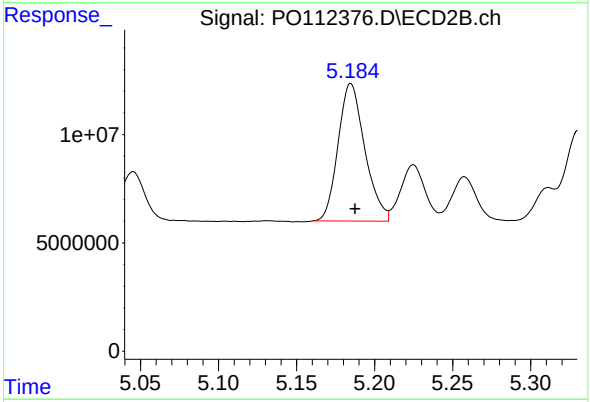
R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 72030628
Conc: 1091.57 ng/ml



#15 AR-1232-5

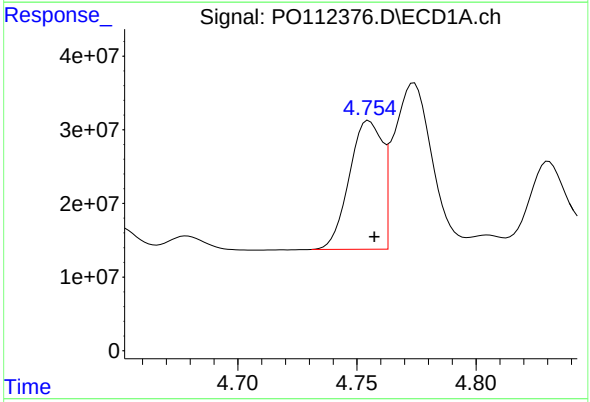
R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 96985158
Conc: 1321.32 ng/m

Instrument :
ECD_O
ClientSampleId :
PB168946BS



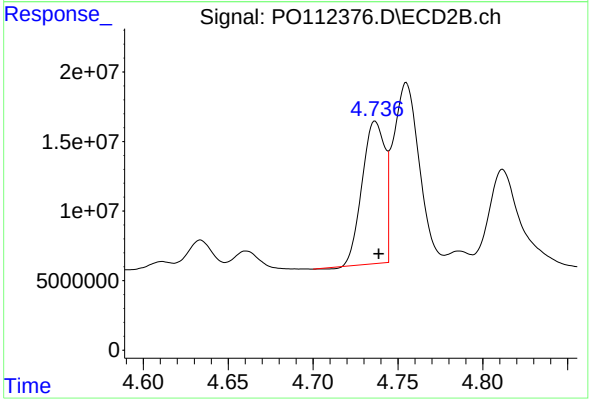
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.003 min
Response: 75664517
Conc: 1018.91 ng/ml



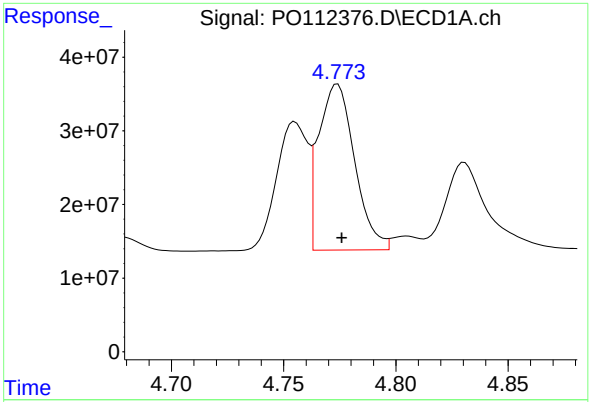
#16 AR-1242-1

R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 168169014
Conc: 580.62 ng/ml



#16 AR-1242-1

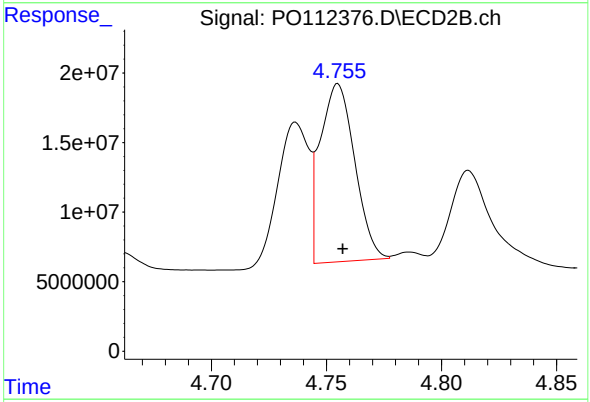
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 95005154
Conc: 490.08 ng/ml



#17 AR-1242-2

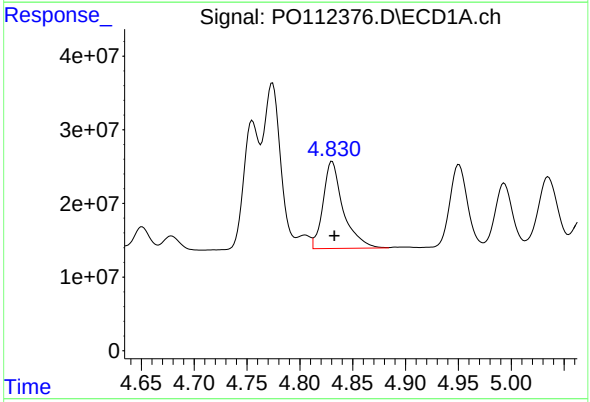
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 252867974
Conc: 593.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



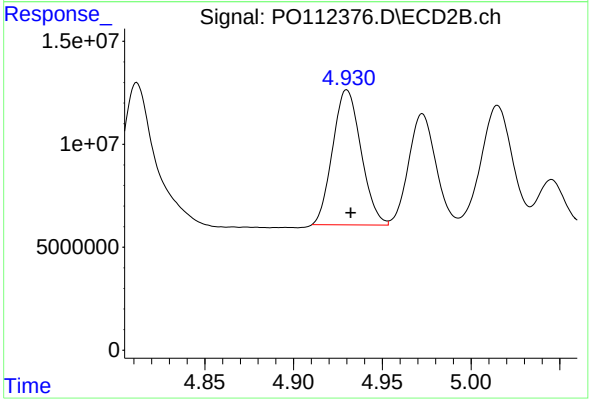
#17 AR-1242-2

R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 133859552
Conc: 472.41 ng/ml



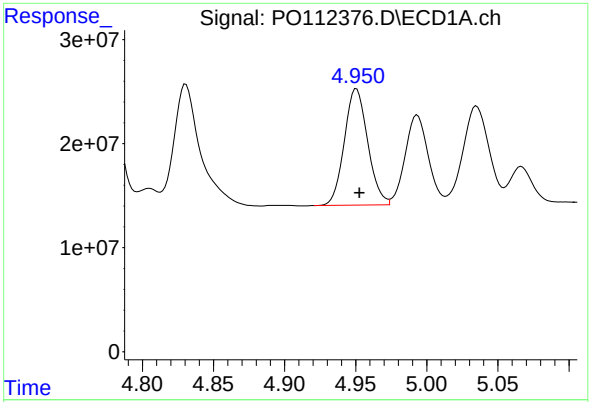
#18 AR-1242-3

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 156256846
Conc: 570.94 ng/ml



#18 AR-1242-3

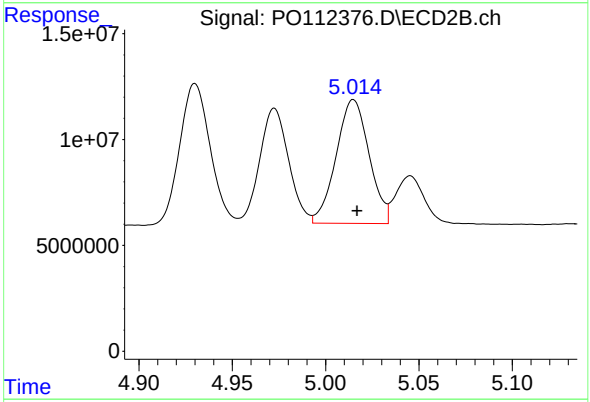
R.T.: 4.930 min
Delta R.T.: -0.002 min
Response: 73174410
Conc: 502.30 ng/ml



#19 AR-1242-4

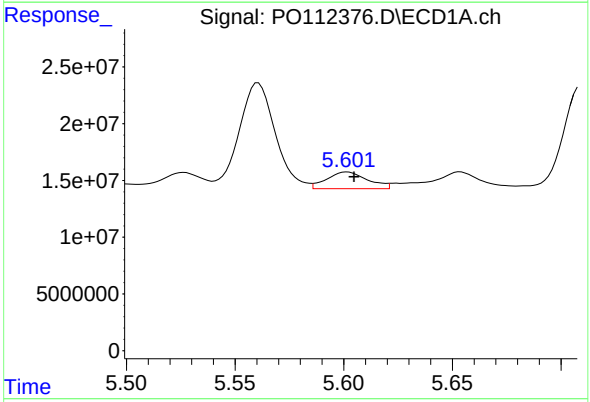
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 128112782
Conc: 568.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



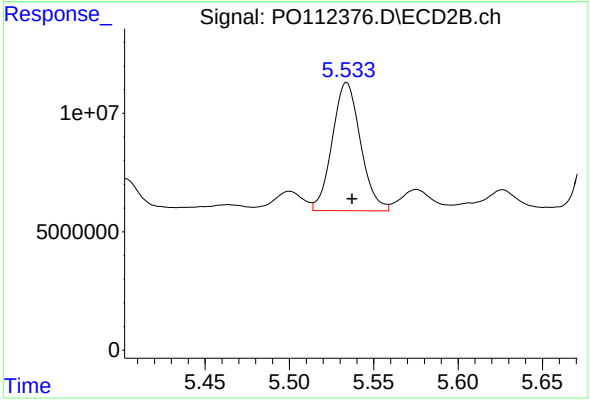
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 72030628
Conc: 507.83 ng/ml



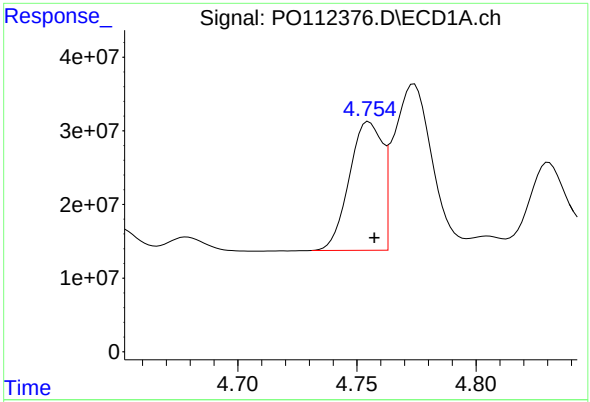
#20 AR-1242-5

R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 19361758
Conc: 91.47 ng/ml



#20 AR-1242-5

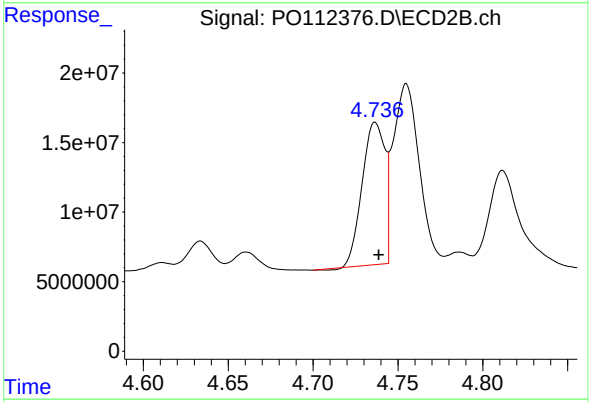
R.T.: 5.534 min
Delta R.T.: -0.003 min
Response: 63182385
Conc: 347.66 ng/ml



#21 AR-1248-1

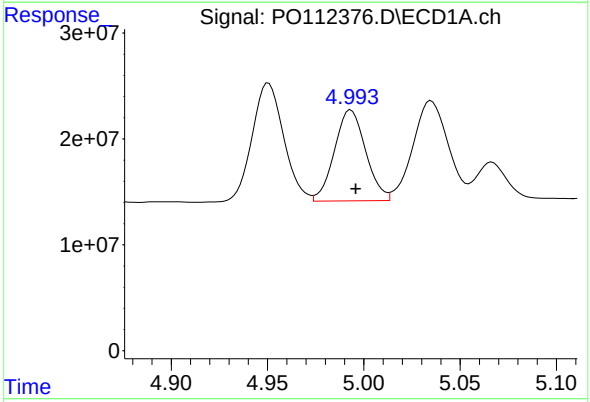
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 168169014
Conc: 741.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



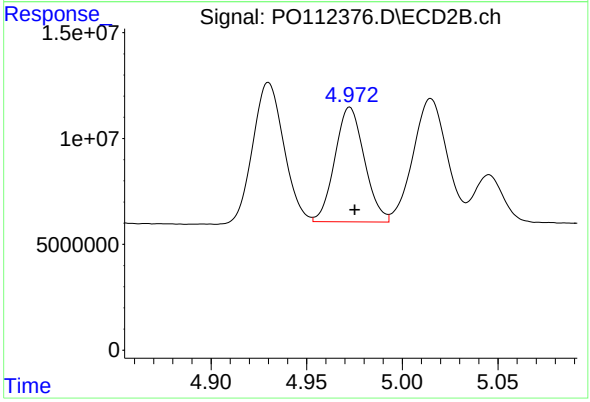
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 95005154
Conc: 615.45 ng/ml



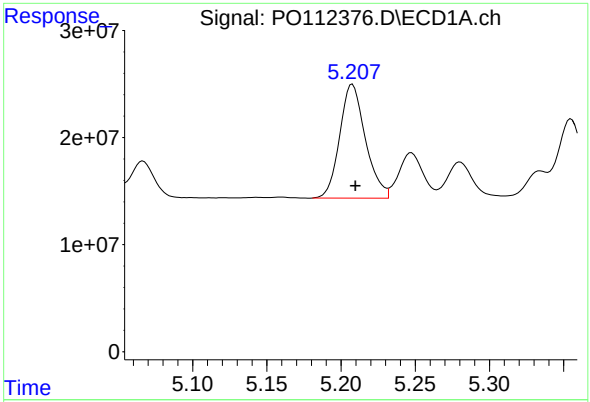
#22 AR-1248-2

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 96985158
Conc: 314.55 ng/ml



#22 AR-1248-2

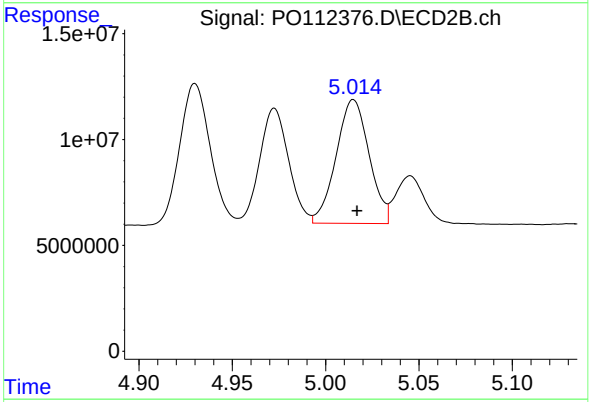
R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 58394272
Conc: 283.79 ng/ml



#23 AR-1248-3

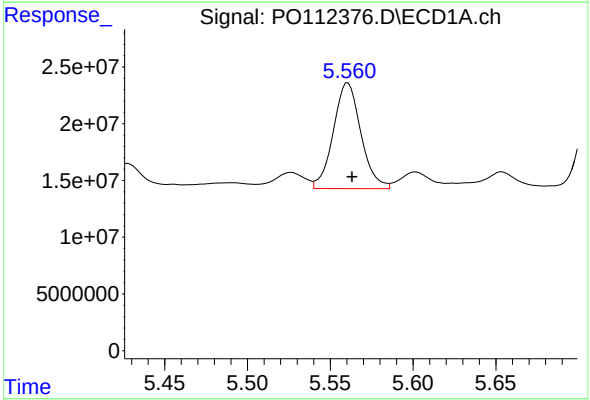
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 128419499
Conc: 315.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



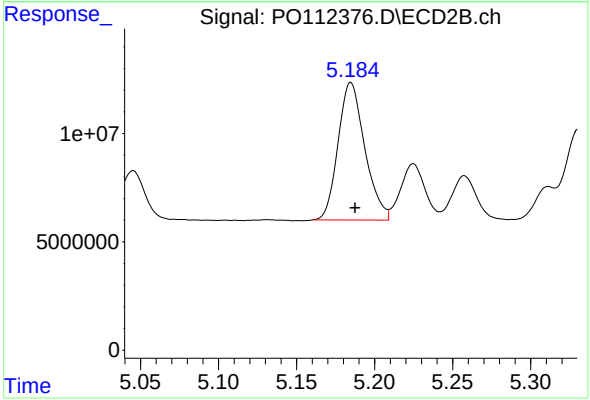
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 72030628
Conc: 335.34 ng/ml



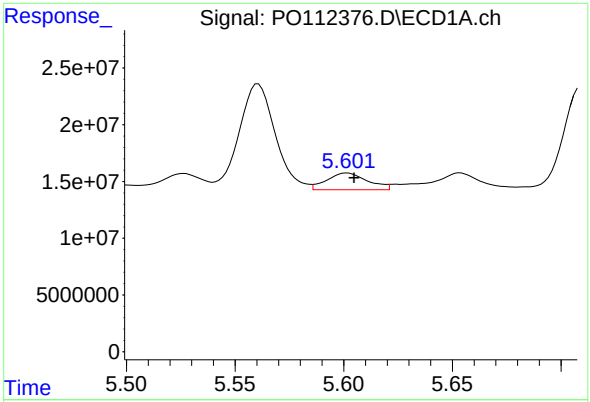
#24 AR-1248-4

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 108276899
Conc: 187.61 ng/ml



#24 AR-1248-4

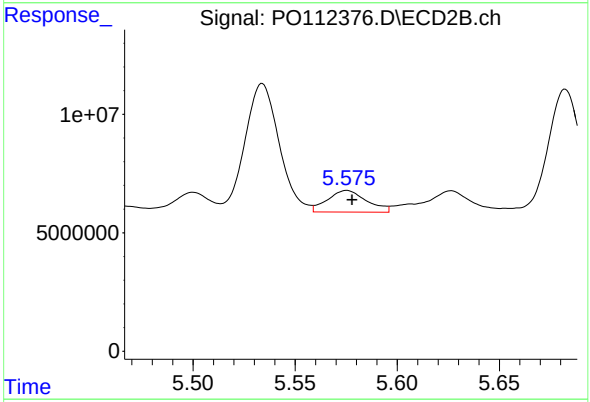
R.T.: 5.185 min
Delta R.T.: -0.003 min
Response: 75664517
Conc: 292.45 ng/ml



#25 AR-1248-5

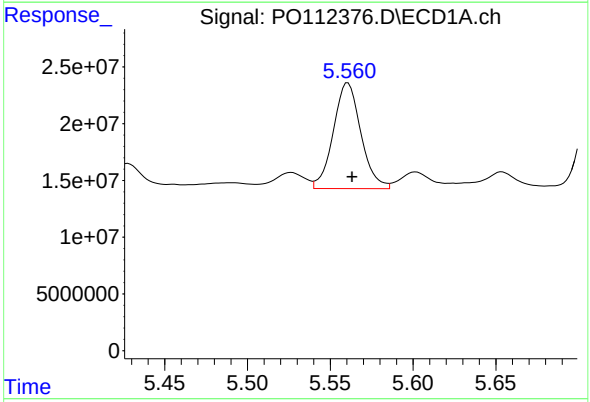
R.T.: 5.602 min
Delta R.T.: -0.003 min
Response: 19361758
Conc: 49.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



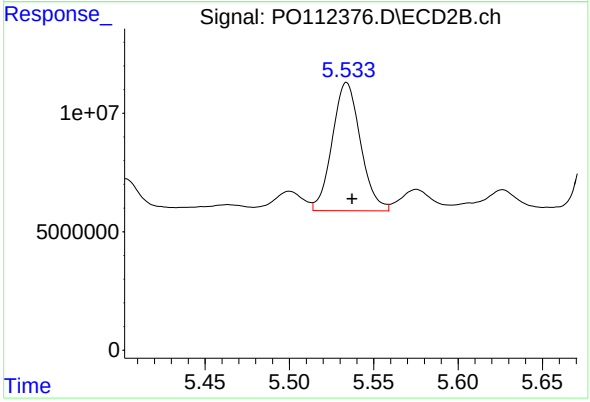
#25 AR-1248-5

R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 12216037
Conc: 48.76 ng/ml



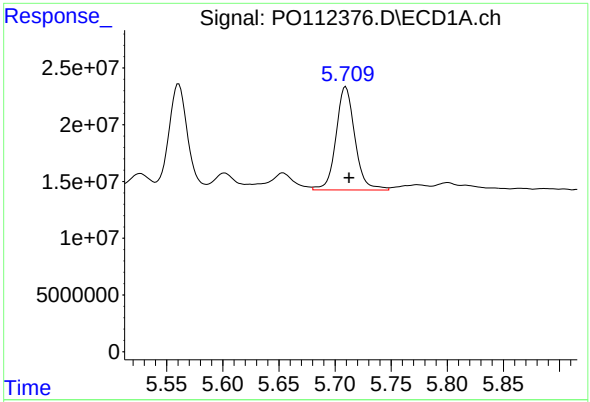
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 108276899
Conc: 176.03 ng/ml



#26 AR-1254-1

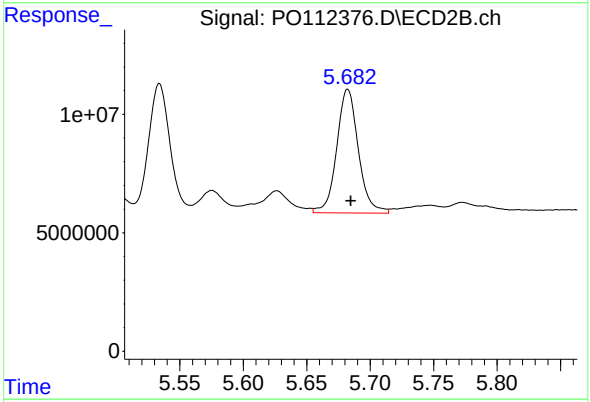
R.T.: 5.534 min
Delta R.T.: -0.003 min
Response: 63182385
Conc: 165.76 ng/ml



#27 AR-1254-2

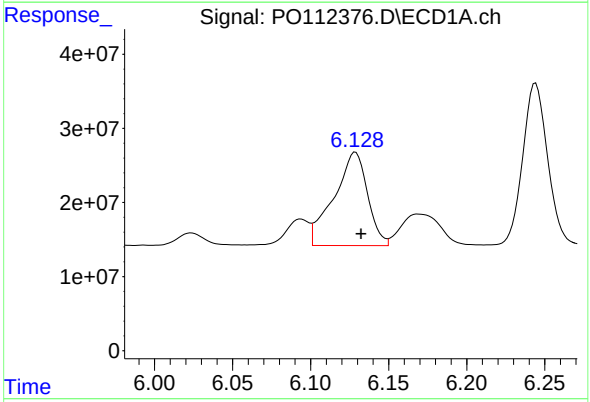
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 106521205
Conc: 198.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



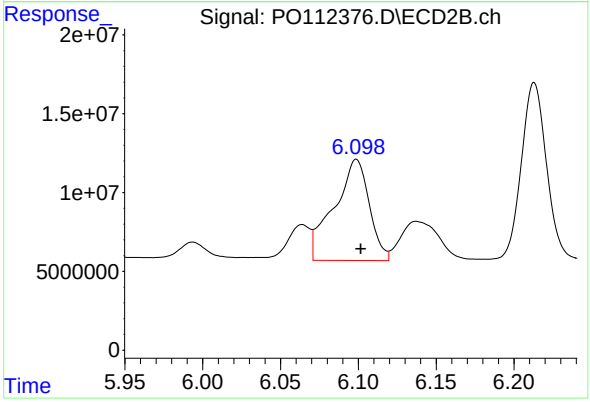
#27 AR-1254-2

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 62057950
Conc: 187.03 ng/ml



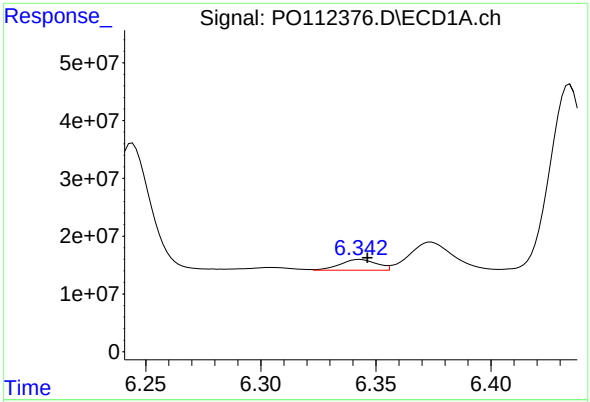
#28 AR-1254-3

R.T.: 6.129 min
Delta R.T.: -0.003 min
Response: 189194051
Conc: 225.34 ng/ml



#28 AR-1254-3

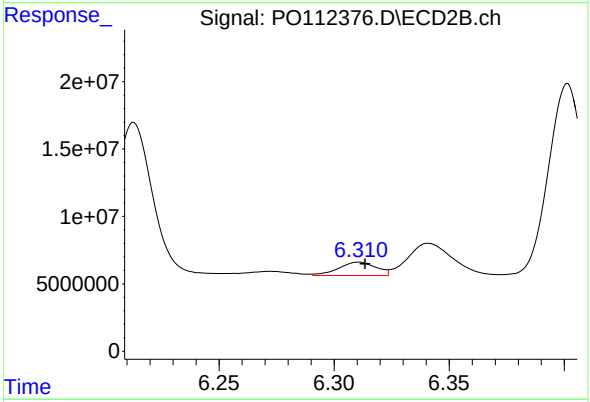
R.T.: 6.099 min
Delta R.T.: -0.003 min
Response: 101069664
Conc: 209.67 ng/ml



#29 AR-1254-4

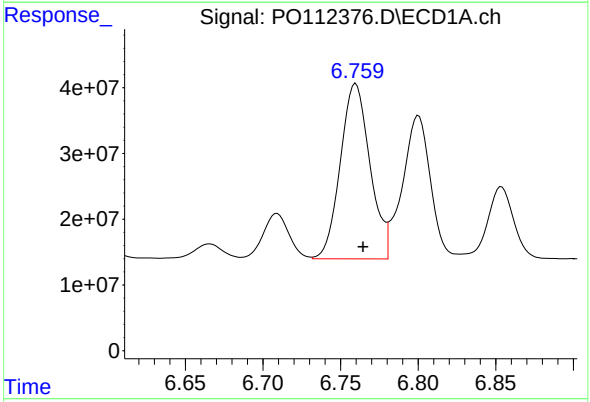
R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 20445707
Conc: 42.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



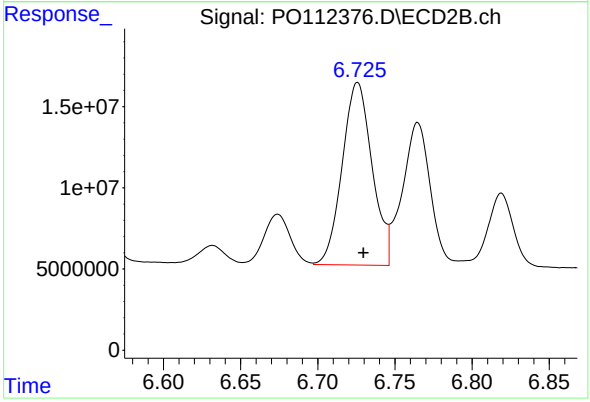
#29 AR-1254-4

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 11219827
Conc: 43.04 ng/ml



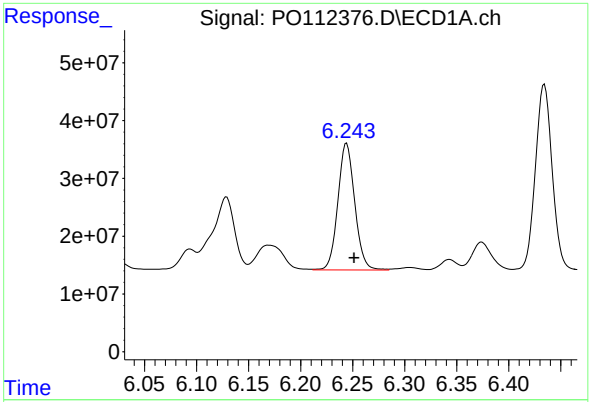
#30 AR-1254-5

R.T.: 6.760 min
Delta R.T.: -0.005 min
Response: 354264567
Conc: 457.74 ng/ml



#30 AR-1254-5

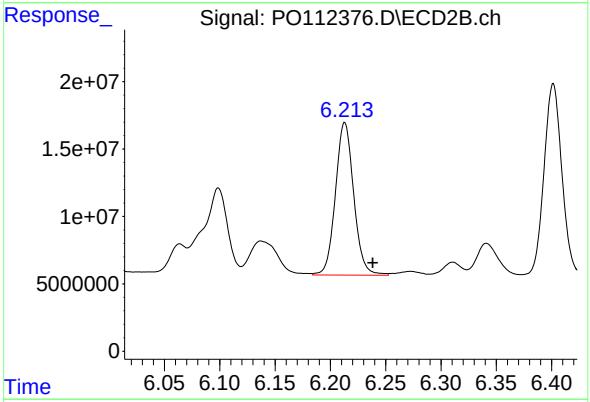
R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 151658685
Conc: 425.58 ng/ml



#31 AR-1260-1

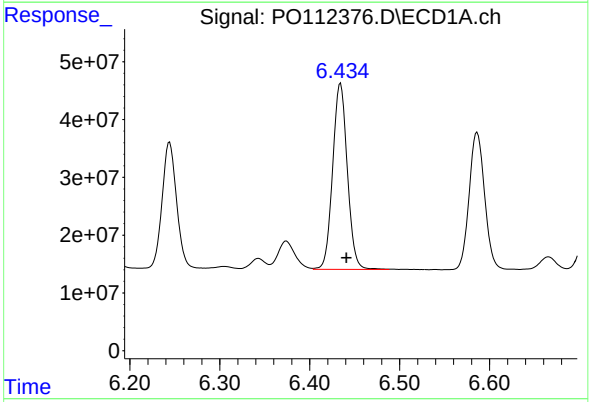
R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 247748858
Conc: 494.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



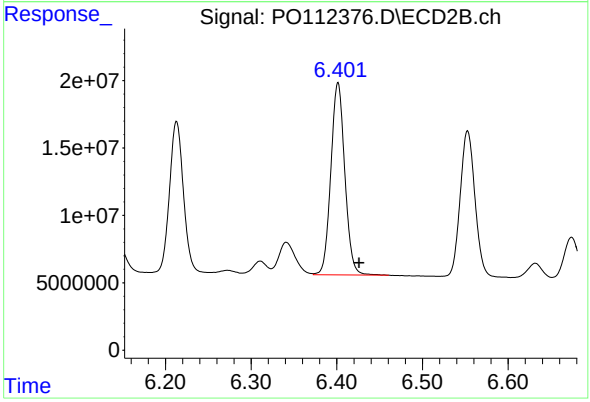
#31 AR-1260-1

R.T.: 6.213 min
Delta R.T.: -0.025 min
Response: 130158507
Conc: 463.92 ng/ml



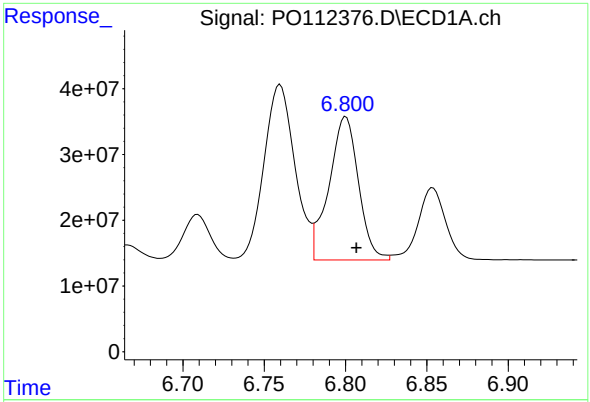
#32 AR-1260-2

R.T.: 6.434 min
Delta R.T.: -0.007 min
Response: 364115313
Conc: 493.29 ng/ml



#32 AR-1260-2

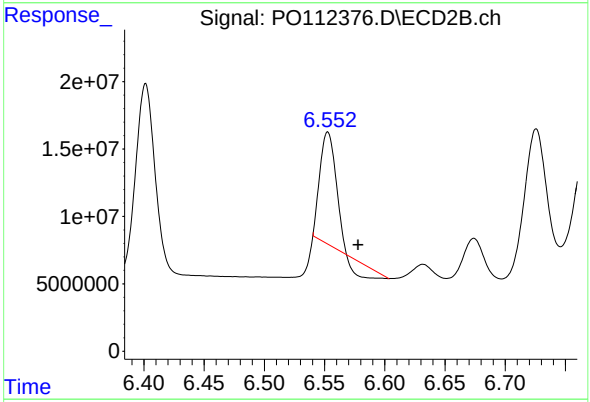
R.T.: 6.401 min
Delta R.T.: -0.025 min
Response: 161366486
Conc: 474.61 ng/ml



#33 AR-1260-3

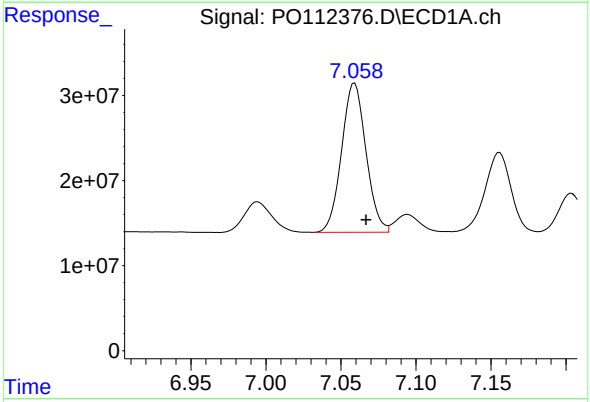
R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 275240583
Conc: 419.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



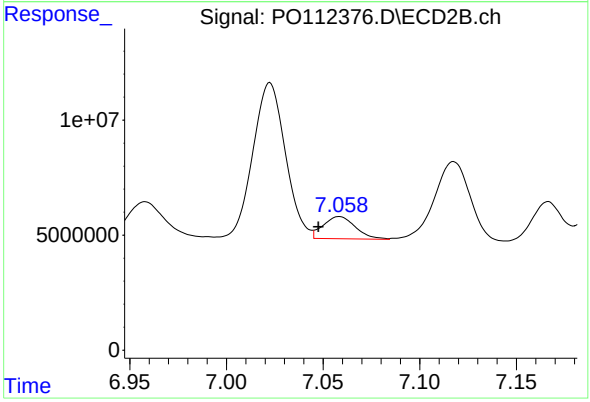
#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: -0.025 min
Response: 64614838
Conc: 234.46 ng/ml



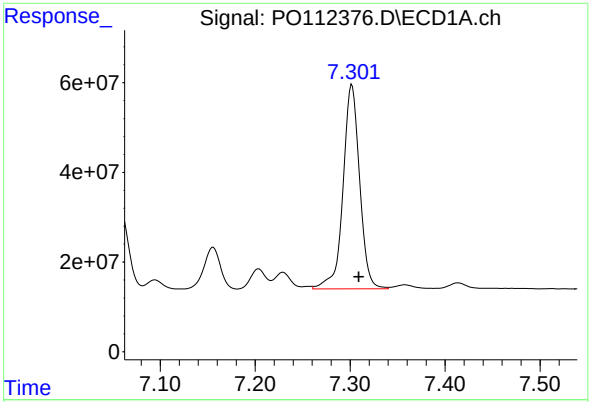
#34 AR-1260-4

R.T.: 7.059 min
Delta R.T.: -0.008 min
Response: 198186848
Conc: 455.34 ng/ml



#34 AR-1260-4

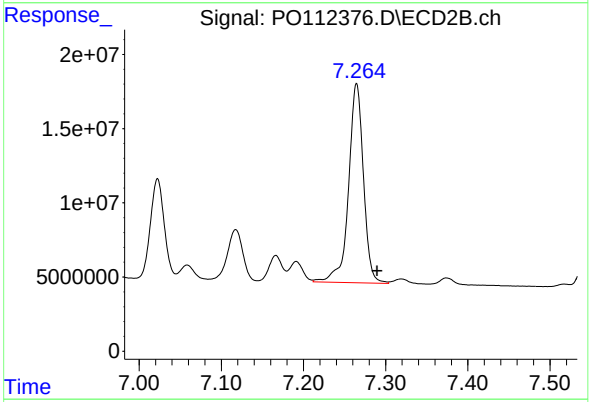
R.T.: 7.058 min
Delta R.T.: 0.011 min
Response: 11254074
Conc: 56.09 ng/ml



#35 AR-1260-5

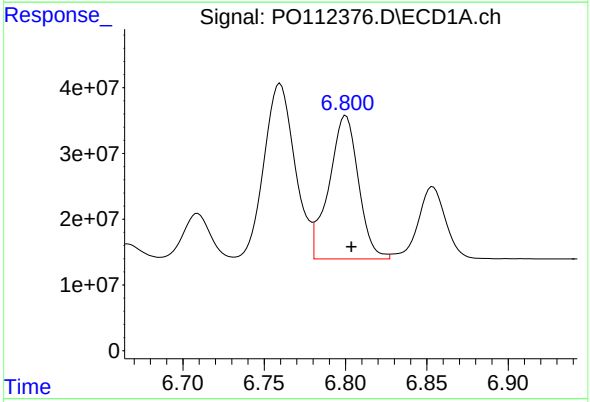
R.T.: 7.302 min
Delta R.T.: -0.007 min
Response: 553768941
Conc: 438.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



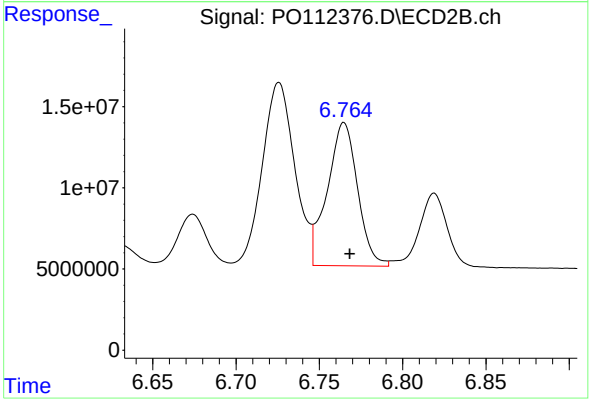
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.025 min
Response: 169122417
Conc: 377.73 ng/ml



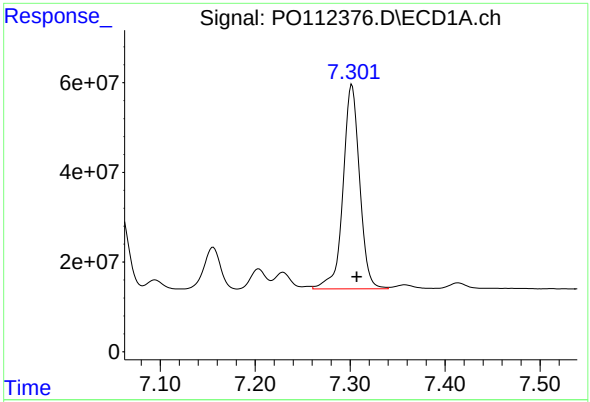
#36 AR-1262-1

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 275240583
Conc: 269.40 ng/ml



#36 AR-1262-1

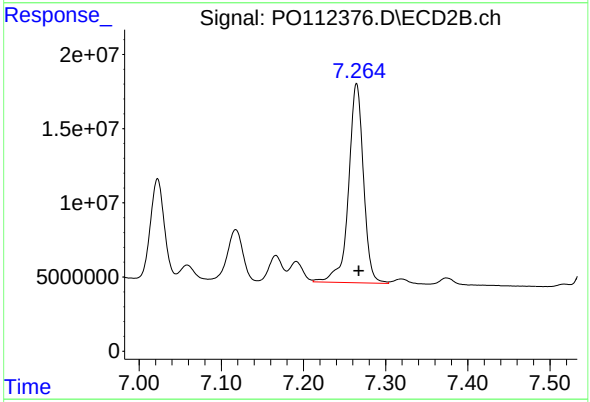
R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 111507721
Conc: 273.76 ng/ml



#37 AR-1262-2

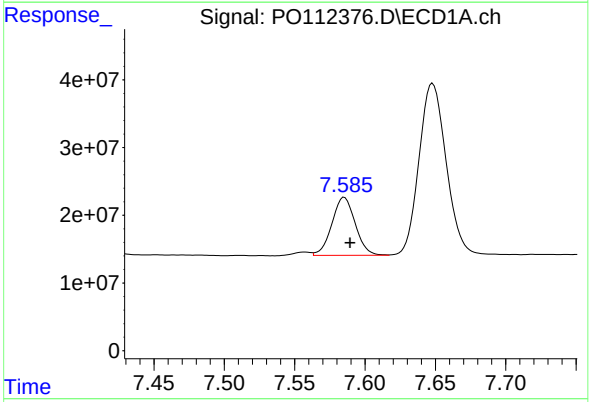
R.T.: 7.302 min
Delta R.T.: -0.005 min
Response: 553768941
Conc: 337.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



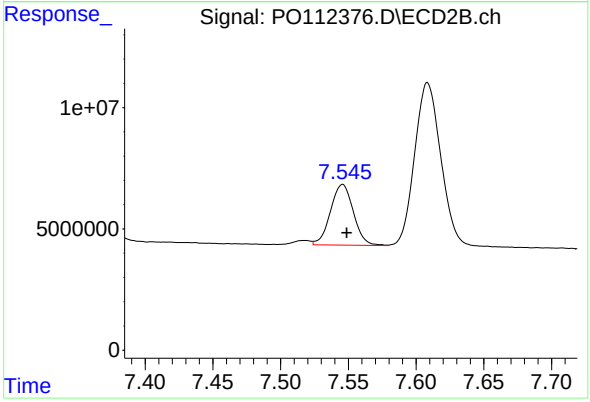
#37 AR-1262-2

R.T.: 7.265 min
Delta R.T.: -0.003 min
Response: 169122417
Conc: 329.96 ng/ml



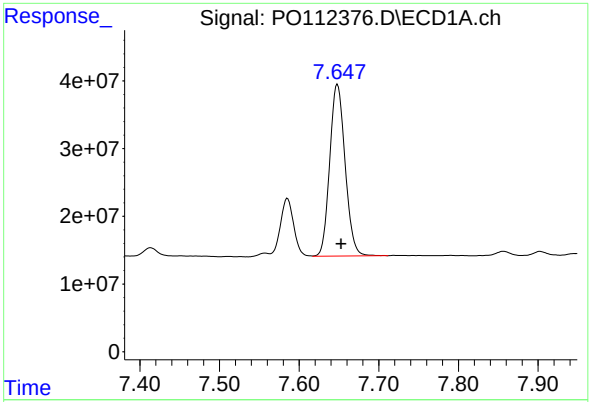
#38 AR-1262-3

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 99013004
Conc: 154.23 ng/ml



#38 AR-1262-3

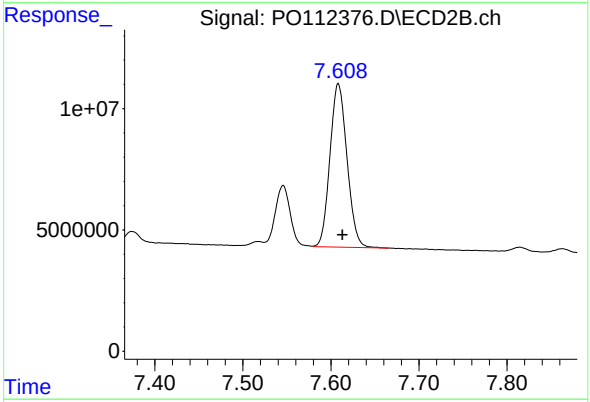
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 29552055
Conc: 164.61 ng/ml



#39 AR-1262-4

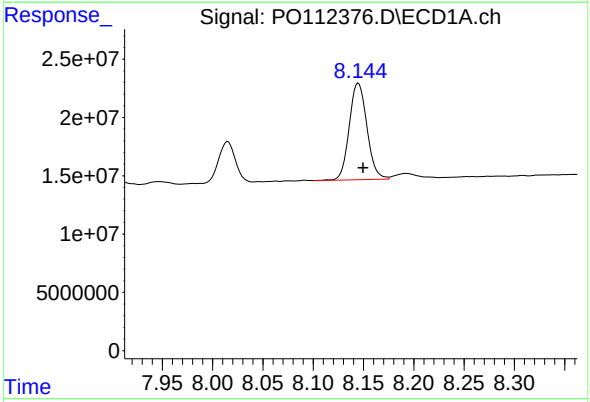
R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 340590014
Conc: 317.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



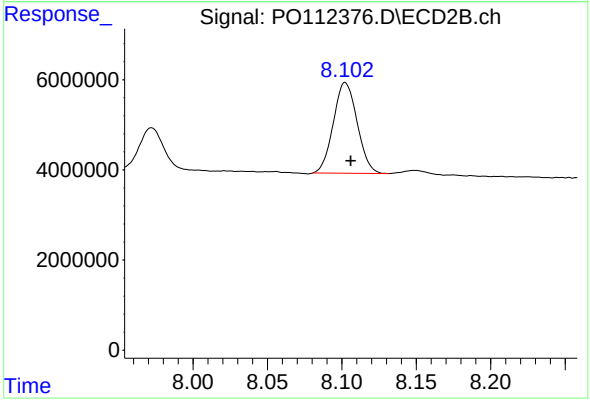
#39 AR-1262-4

R.T.: 7.608 min
Delta R.T.: -0.004 min
Response: 90818916
Conc: 312.18 ng/ml



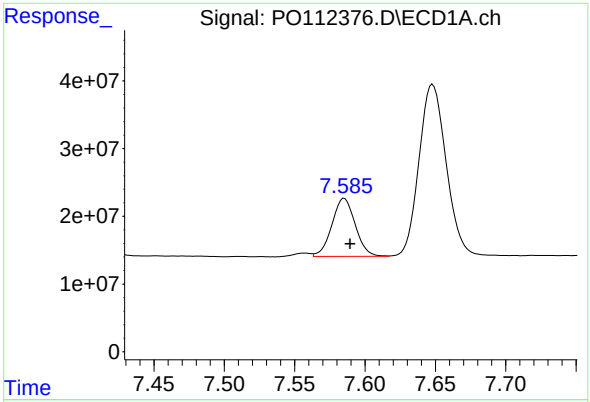
#40 AR-1262-5

R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 101494518
Conc: 226.48 ng/ml



#40 AR-1262-5

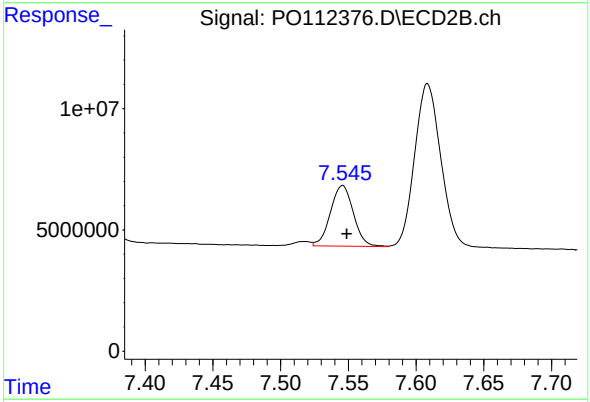
R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 22461776
Conc: 212.34 ng/ml



#41 AR-1268-1

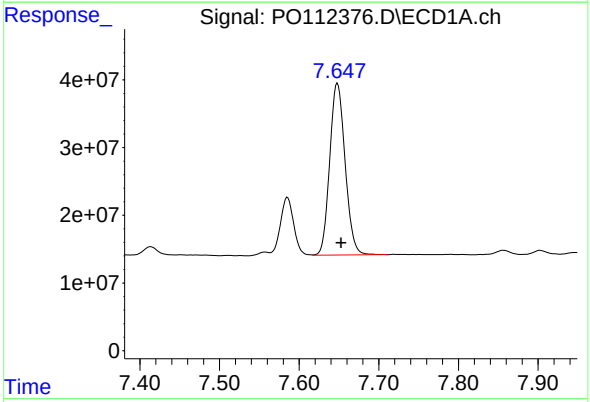
R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 99013004
Conc: 53.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



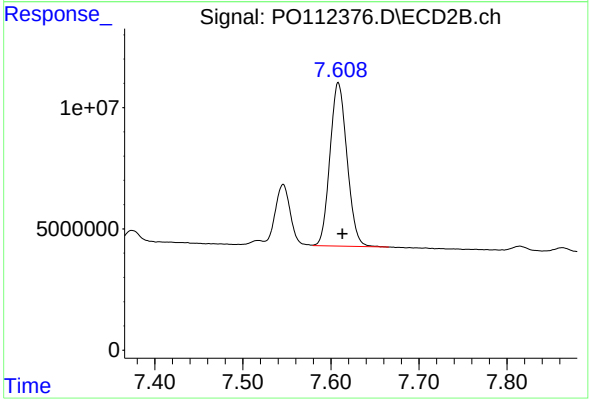
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 29552055
Conc: 60.13 ng/ml



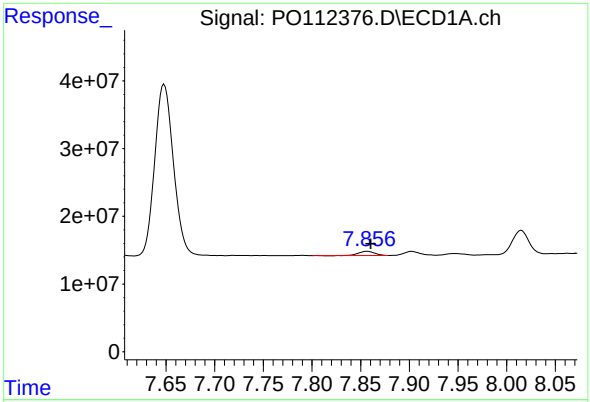
#42 AR-1268-2

R.T.: 7.648 min
Delta R.T.: -0.004 min
Response: 340590014
Conc: 218.66 ng/ml



#42 AR-1268-2

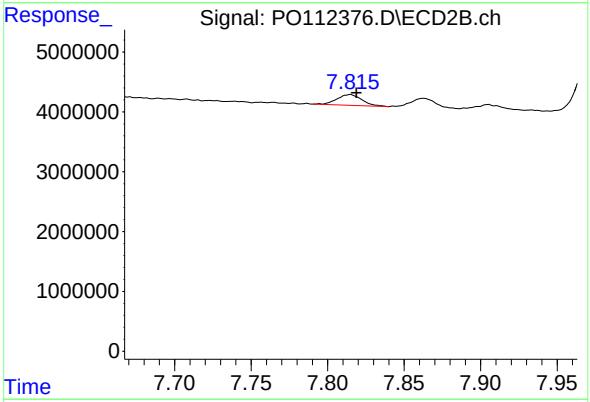
R.T.: 7.608 min
Delta R.T.: -0.004 min
Response: 90818916
Conc: 217.69 ng/ml



#43 AR-1268-3

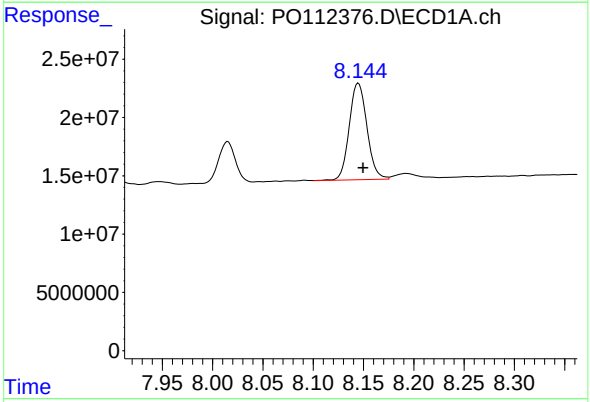
R.T.: 7.857 min
Delta R.T.: -0.004 min
Response: 6936788
Conc: 5.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



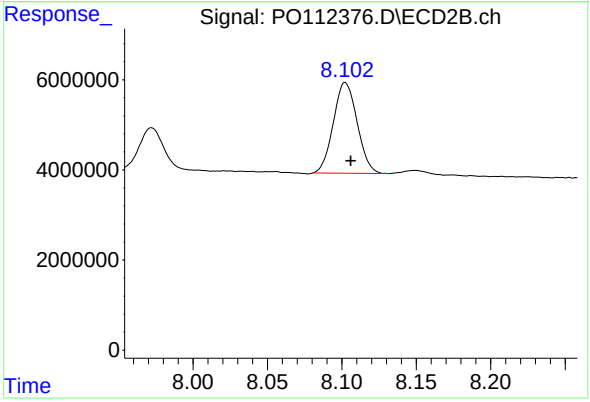
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 2039696
Conc: 6.45 ng/ml



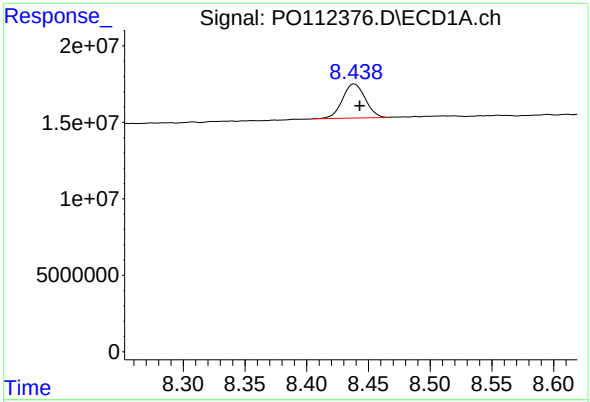
#44 AR-1268-4

R.T.: 8.145 min
Delta R.T.: -0.005 min
Response: 101494518
Conc: 211.27 ng/ml



#44 AR-1268-4

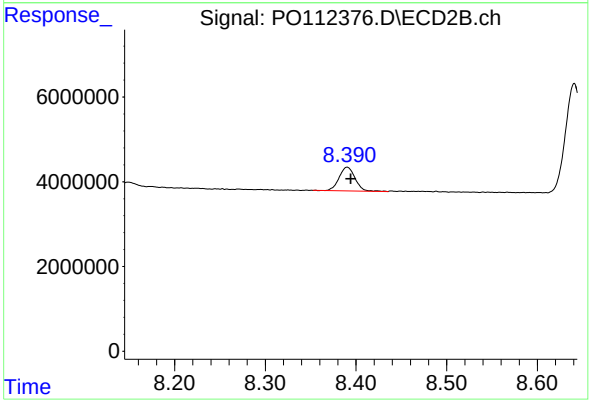
R.T.: 8.102 min
Delta R.T.: -0.004 min
Response: 22461776
Conc: 201.43 ng/ml



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.004 min
Response: 28710766
Conc: 8.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB168946BS



#45 AR-1268-5

R.T.: 8.390 min
Delta R.T.: -0.004 min
Response: 6835596
Conc: 9.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:12
Operator : YP/AJ
Sample : Q2645-02RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.668	3.705	2251989	189505	0.228	0.030	#
2)	SA Decachlor...	8.695	8.671	7479023	656620	1.094	0.381	#
	Target Compounds							
3)	L1 AR-1016-1	4.758	4.760	267410	370062	0.786	1.661	#
4)	L1 AR-1016-2	4.773	4.784	574575	85883	1.155	0.261	#
5)	L1 AR-1016-3	4.827	4.944	826602	23932	2.553	0.141	#
6)	L1 AR-1016-4	4.936	4.992	443228	306142	1.726	2.231	#
7)	L1 AR-1016-5	5.201	5.210	1476316	354786	5.395	2.057	#
8)	L2 AR-1221-1	3.823f	3.860	922252	630230	7.909	7.658	
9)	L2 AR-1221-2	3.982	3.972	252057	984112	3.197	16.581	#
10)	L2 AR-1221-3	4.050	4.032	-111433	676041	N.D.	3.581	#
11)	L3 AR-1232-1	4.050	4.032	-111433	676041	N.D.	4.504	#
12)	L3 AR-1232-2	4.569	4.760	2641038	370062	23.241	2.417	#
13)	L3 AR-1232-3	4.773	4.944	574575	23932	2.509	0.317	#
14)	L3 AR-1232-4	4.936	5.030	443228	47033	3.878	0.713	#
15)	L3 AR-1232-5	4.999	5.189	3039231	562291	41.406	7.572	#
16)	L4 AR-1242-1	4.758	4.721	267410	287543	0.923	1.483	#
17)	L4 AR-1242-2	4.773	4.760	574575	370062	1.349	1.306	
18)	L4 AR-1242-3	4.827	4.944	826602	23932	3.020	0.164	#
19)	L4 AR-1242-4	4.936	5.030	443228	47033	1.967	0.332	#
20)	L4 AR-1242-5	5.624	5.541	9421924	2333127	44.512	12.838	#
21)	L5 AR-1248-1	4.758	4.721	267410	287543	1.179	1.863	#
22)	L5 AR-1248-2	4.999	4.982	3039231	374437	9.857	1.820	#
23)	L5 AR-1248-3	5.201	5.030	1476316	47033	3.624	0.219	#
24)	L5 AR-1248-4	5.567	5.189	6945713	562291	12.035	2.173	#
25)	L5 AR-1248-5	5.624	5.588	9421924	6220076	24.140	24.826	
26)	L6 AR-1254-1	5.567	5.541	6945713	2333127	11.292	6.121	#
27)	L6 AR-1254-2	5.722	5.666	3411893	5472592	6.369	16.493	#
28)	L6 AR-1254-3	6.132	6.101	4658000	7461036	5.548	15.478	#
29)	L6 AR-1254-4	6.319	6.295	14794149	1544723	30.756	5.925	#
30)	L6 AR-1254-5	6.763	6.721	438087	327315	0.566	0.919	#
31)	L7 AR-1260-1	6.248	6.233	5435200	4774625	10.844	17.018	#
32)	L7 AR-1260-2	6.450	6.376f	983953	4772324	1.333	14.036	#
33)	L7 AR-1260-3	6.780	6.577	1691809	277183	2.581	1.006	#
34)	L7 AR-1260-4	7.062	7.025	1305091	539763	2.999	2.690	
35)	L7 AR-1260-5	7.310	7.283	756261	842864	0.599	1.883	#
36)	L8 AR-1262-1	6.780	6.751	1691809	298167	1.656	0.732	#
37)	L8 AR-1262-2	7.310	7.257	756261	224996	0.461	0.439	
38)	L8 AR-1262-3	7.595	7.547	1730345	272391	2.695	1.517	#
39)	L8 AR-1262-4	7.658	7.605	958852	202113	0.895	0.695	
40)	L8 AR-1262-5	8.162	8.119	807632	77961	1.802	0.737	#
41)	L9 AR-1268-1	7.595	7.547	1730345	272391	0.942	0.554	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:12
Operator : YP/AJ
Sample : Q2645-02RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.658	7.605	958852	202113	0.616	0.484
43) L9	AR-1268-3	7.853	7.839	1299936	67936	1.000	0.215 #
44) L9	AR-1268-4	8.162	8.119	807632	77961	1.681	0.699 #
45) L9	AR-1268-5	8.450	8.425	806788	68617	0.247	0.094 #

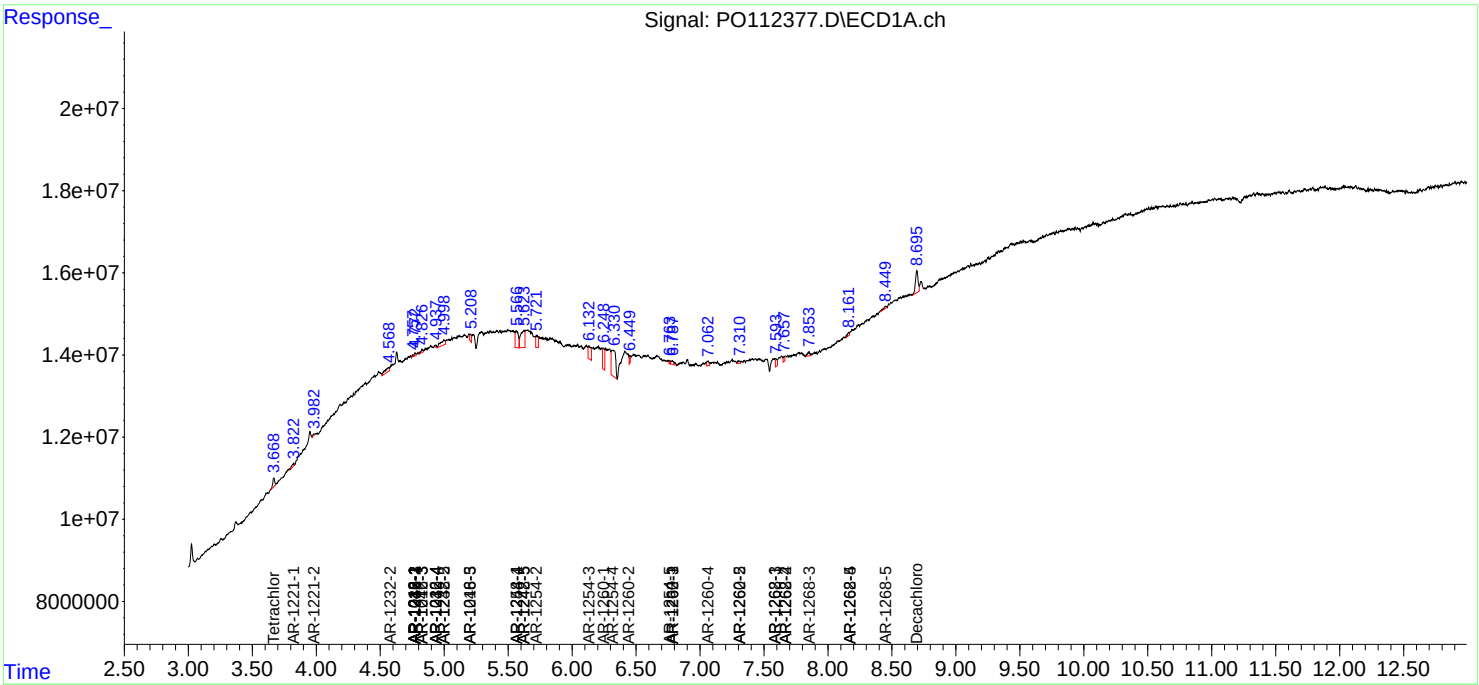
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

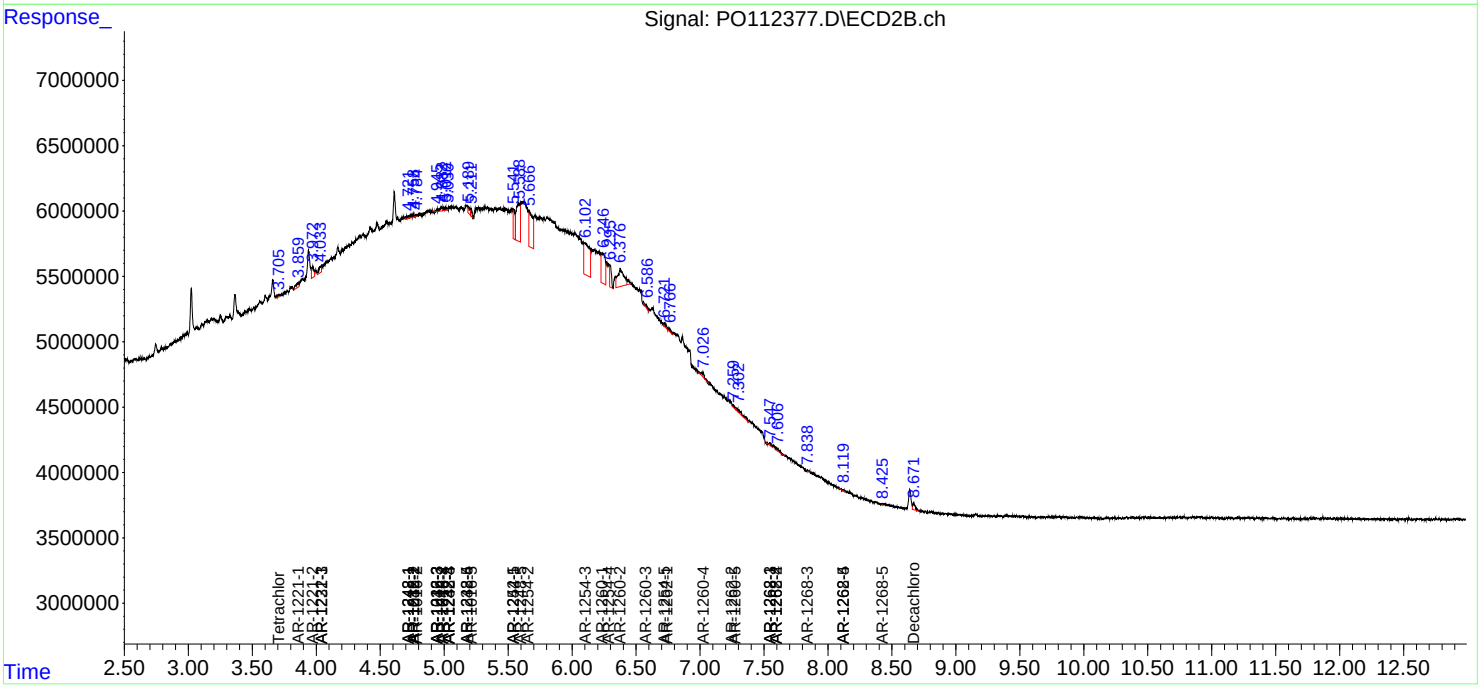
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112377.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:12
Operator : YP/AJ
Sample : Q2645-02RX
Misc :
ALS Vial : 13 Sample Multiplier: 1

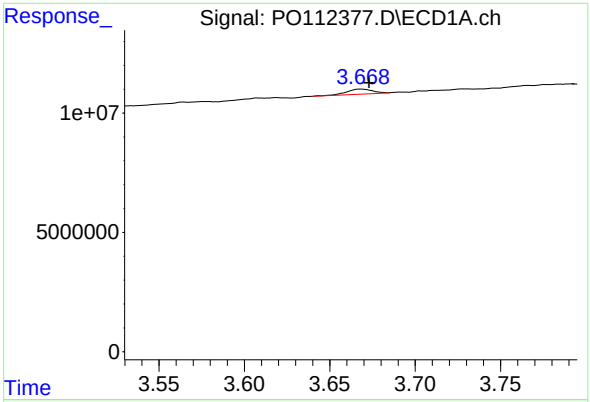
Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



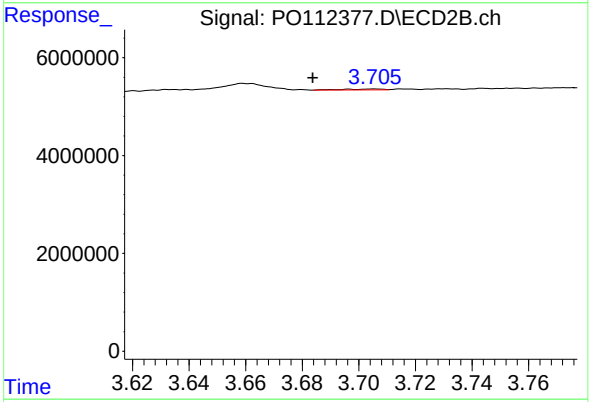




#1 Tetrachloro-m-xylene

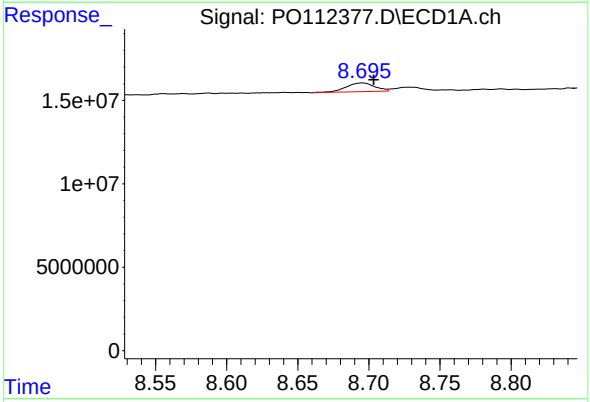
R.T.: 3.668 min
Delta R.T.: -0.005 min
Response: 2251989
Conc: 0.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



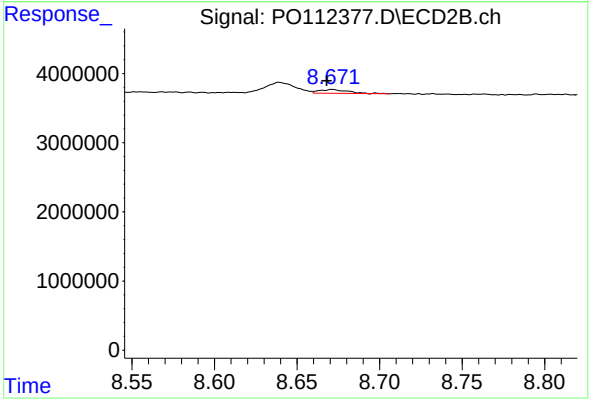
#1 Tetrachloro-m-xylene

R.T.: 3.705 min
Delta R.T.: 0.022 min
Response: 189505
Conc: 0.03 ng/ml



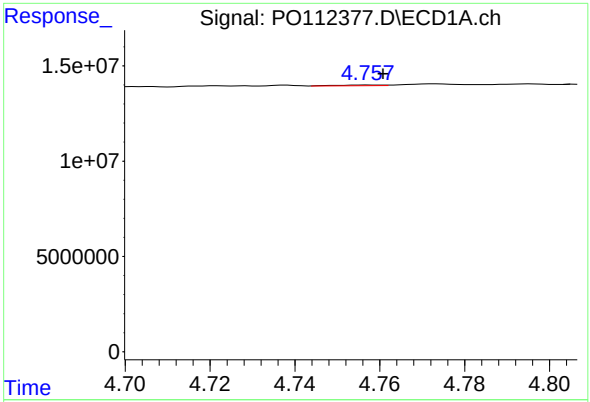
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 7479023
Conc: 1.09 ng/ml



#2 Decachlorobiphenyl

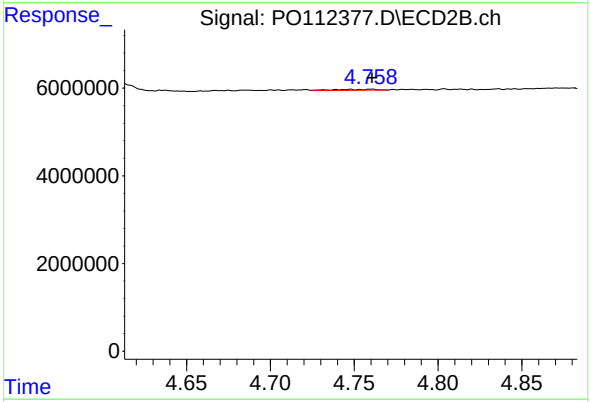
R.T.: 8.671 min
Delta R.T.: 0.003 min
Response: 656620
Conc: 0.38 ng/ml



#3 AR-1016-1

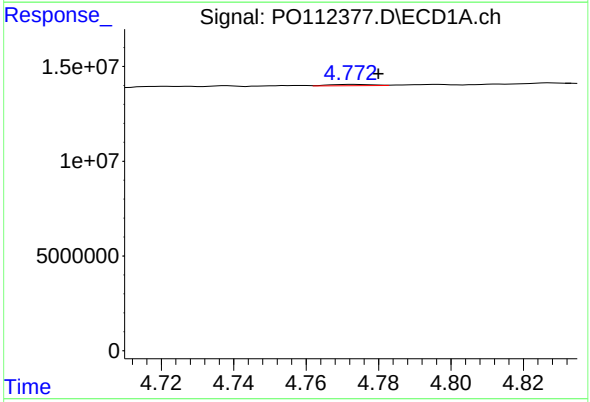
R.T.: 4.758 min
Delta R.T.: -0.003 min
Response: 267410
Conc: 0.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



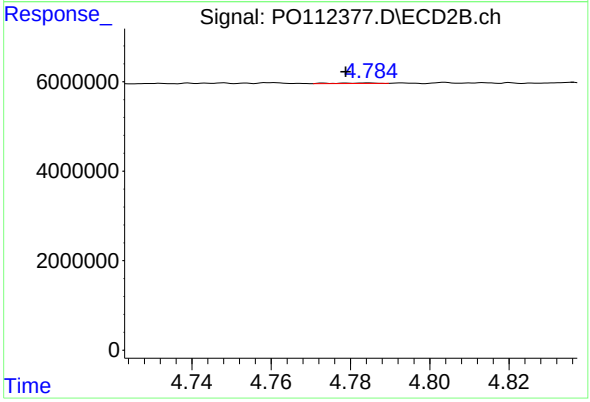
#3 AR-1016-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 370062
Conc: 1.66 ng/ml



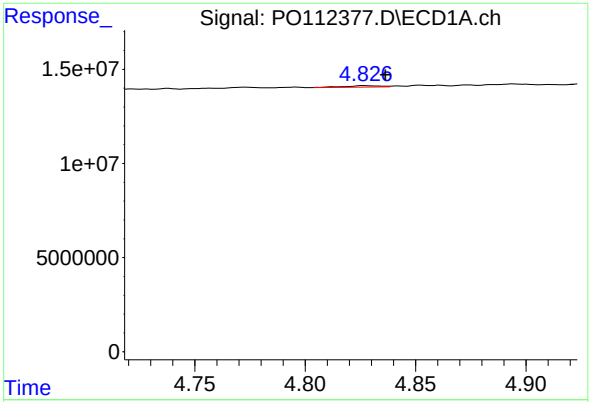
#4 AR-1016-2

R.T.: 4.773 min
Delta R.T.: -0.007 min
Response: 574575
Conc: 1.16 ng/ml



#4 AR-1016-2

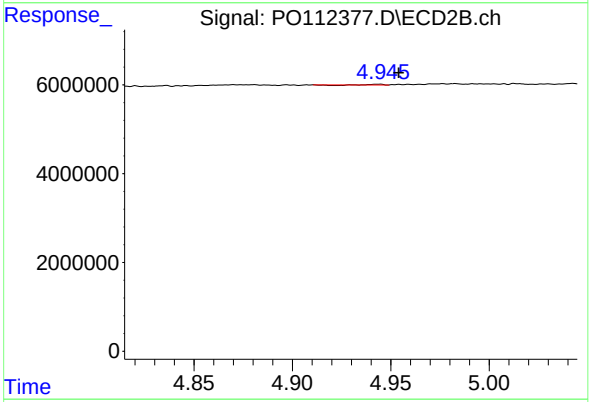
R.T.: 4.784 min
Delta R.T.: 0.006 min
Response: 85883
Conc: 0.26 ng/ml



#5 AR-1016-3

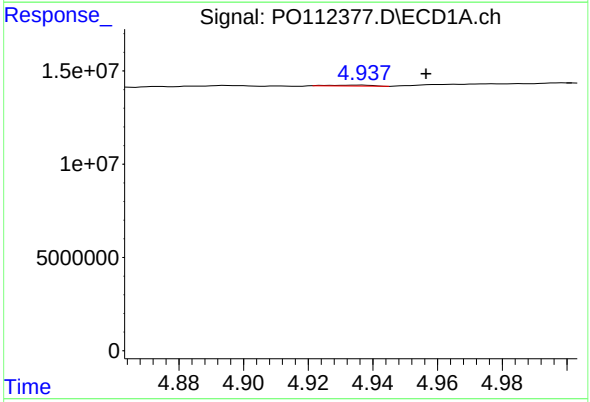
R.T.: 4.827 min
Delta R.T.: -0.009 min
Response: 826602
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



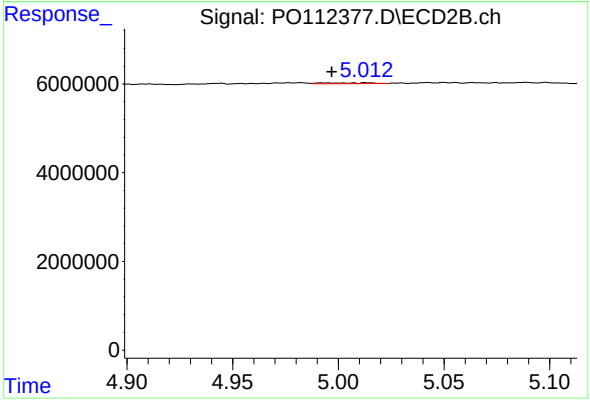
#5 AR-1016-3

R.T.: 4.944 min
Delta R.T.: -0.010 min
Response: 23932
Conc: 0.14 ng/ml



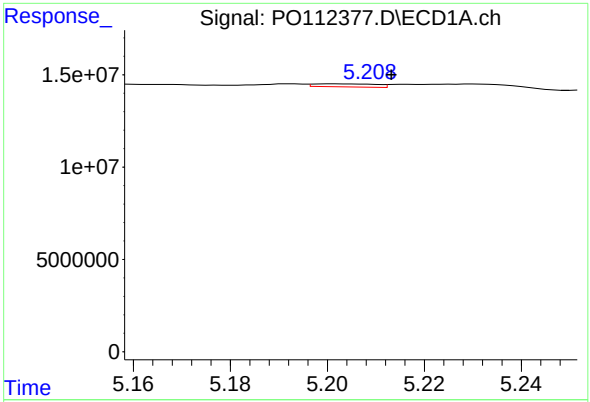
#6 AR-1016-4

R.T.: 4.936 min
Delta R.T.: -0.020 min
Response: 443228
Conc: 1.73 ng/ml



#6 AR-1016-4

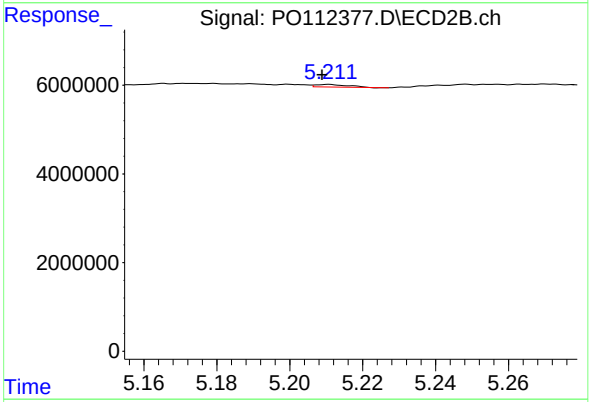
R.T.: 4.992 min
Delta R.T.: -0.005 min
Response: 306142
Conc: 2.23 ng/ml



#7 AR-1016-5

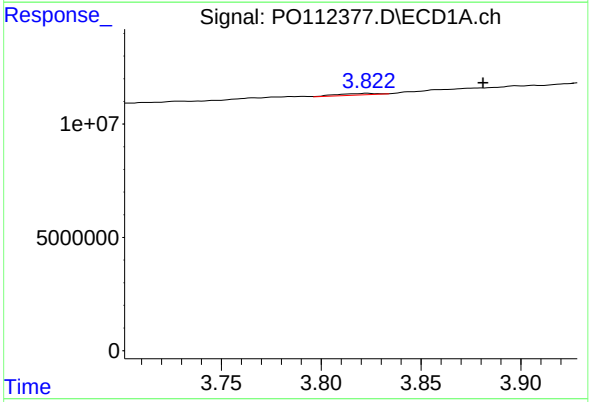
R.T.: 5.201 min
Delta R.T.: -0.012 min
Response: 1476316
Conc: 5.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



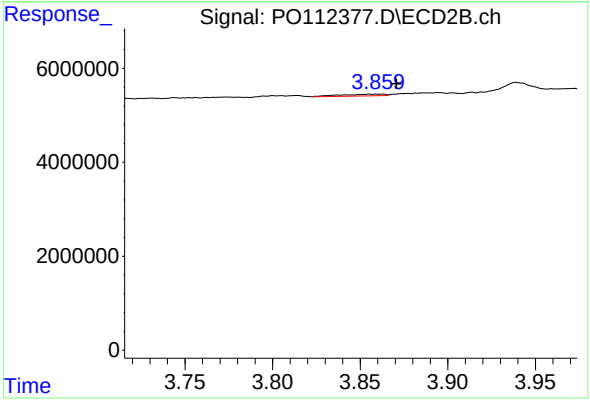
#7 AR-1016-5

R.T.: 5.210 min
Delta R.T.: 0.002 min
Response: 354786
Conc: 2.06 ng/ml



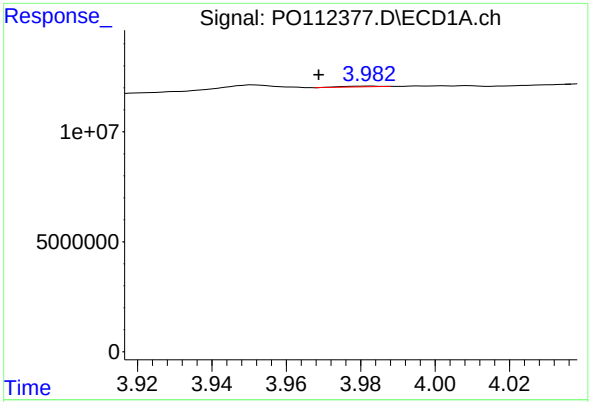
#8 AR-1221-1

R.T.: 3.823 min
Delta R.T.: -0.058 min
Response: 922252
Conc: 7.91 ng/ml



#8 AR-1221-1

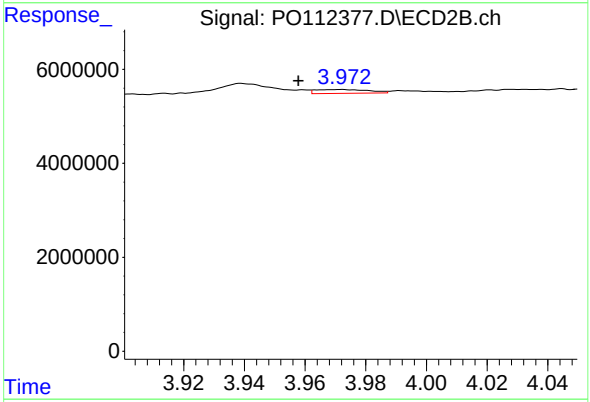
R.T.: 3.860 min
Delta R.T.: -0.011 min
Response: 630230
Conc: 7.66 ng/ml



#9 AR-1221-2

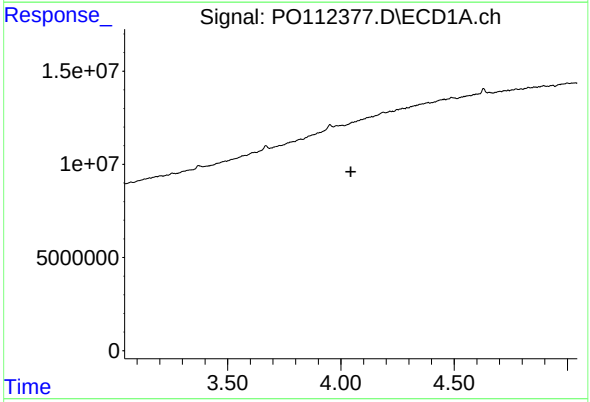
R.T.: 3.982 min
Delta R.T.: 0.013 min
Response: 252057
Conc: 3.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



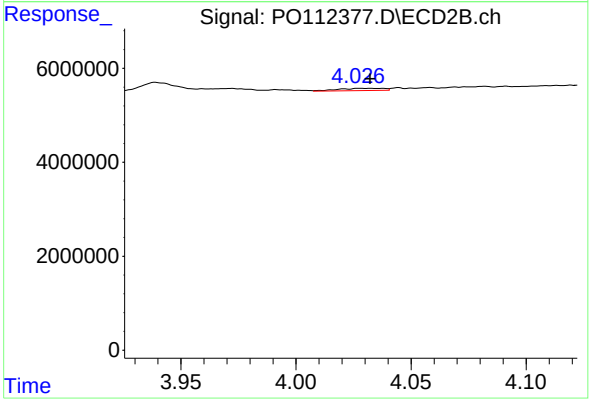
#9 AR-1221-2

R.T.: 3.972 min
Delta R.T.: 0.014 min
Response: 984112
Conc: 16.58 ng/ml



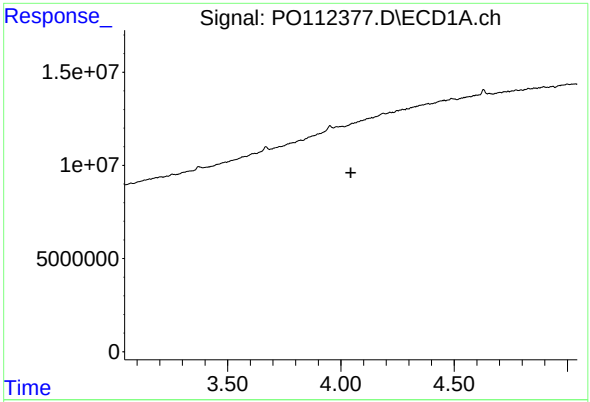
#10 AR-1221-3

R.T.: 4.050 min
Delta R.T.: 0.006 min
Response: -111433
Conc: N.D.



#10 AR-1221-3

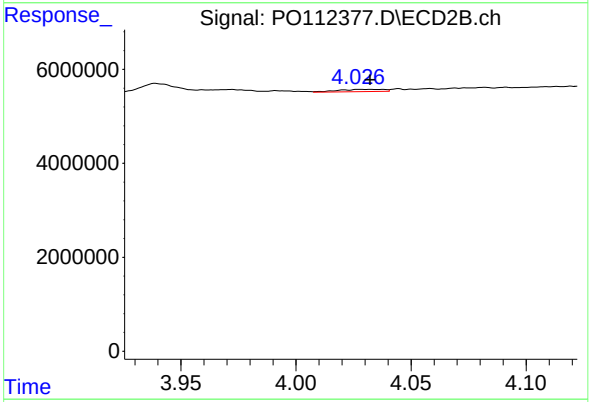
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 676041
Conc: 3.58 ng/ml



#11 AR-1232-1

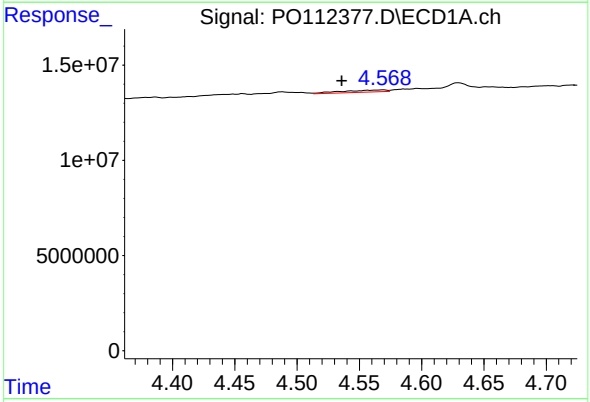
R.T.: 4.050 min
Delta R.T.: 0.006 min
Response: -111433
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



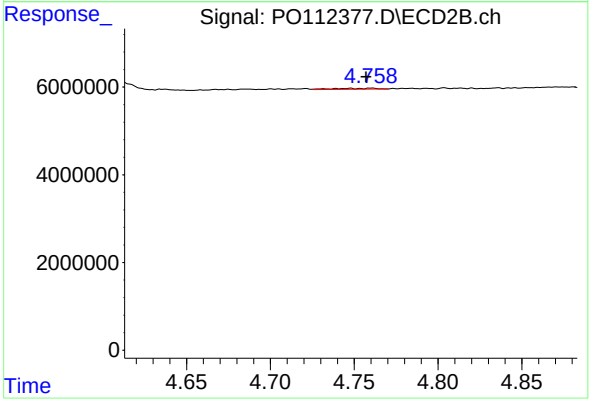
#11 AR-1232-1

R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 676041
Conc: 4.50 ng/ml



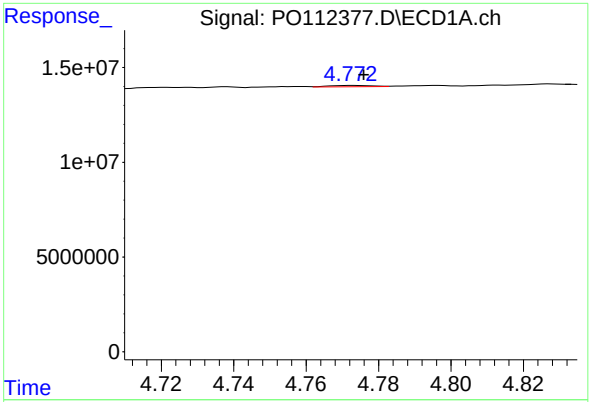
#12 AR-1232-2

R.T.: 4.569 min
Delta R.T.: 0.033 min
Response: 2641038
Conc: 23.24 ng/ml



#12 AR-1232-2

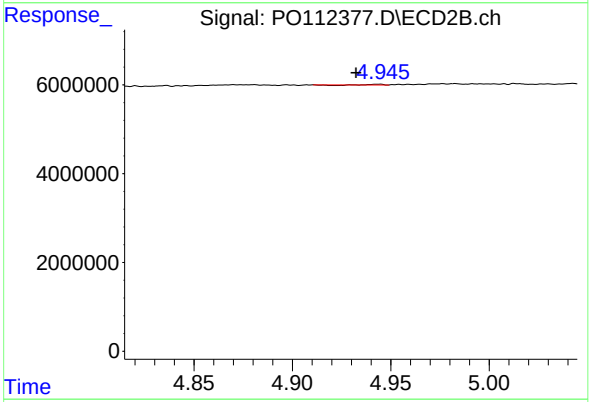
R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 370062
Conc: 2.42 ng/ml



#13 AR-1232-3

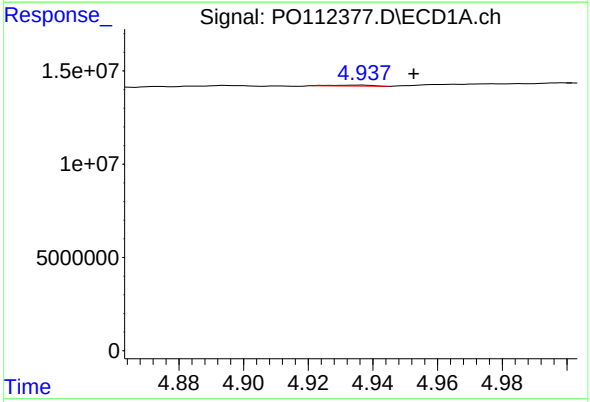
R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 574575
Conc: 2.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



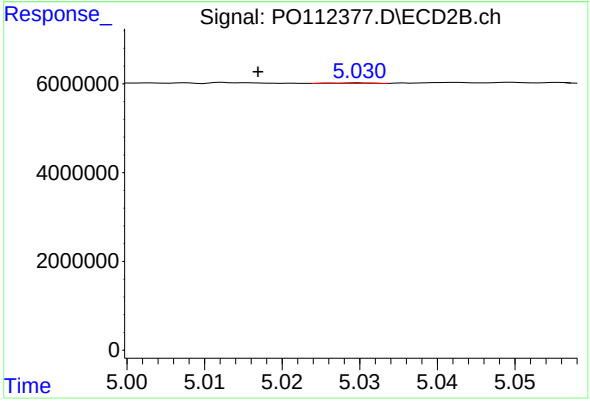
#13 AR-1232-3

R.T.: 4.944 min
Delta R.T.: 0.012 min
Response: 23932
Conc: 0.32 ng/ml



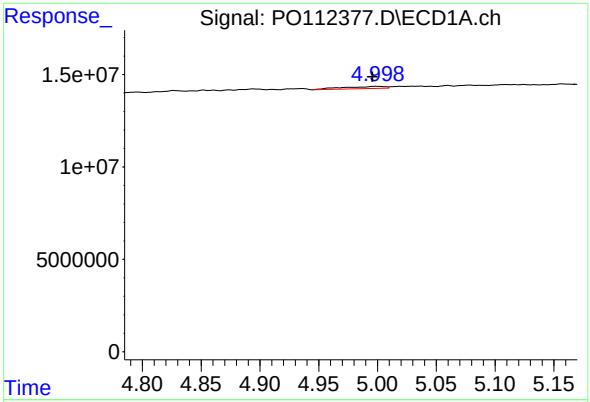
#14 AR-1232-4

R.T.: 4.936 min
Delta R.T.: -0.016 min
Response: 443228
Conc: 3.88 ng/ml



#14 AR-1232-4

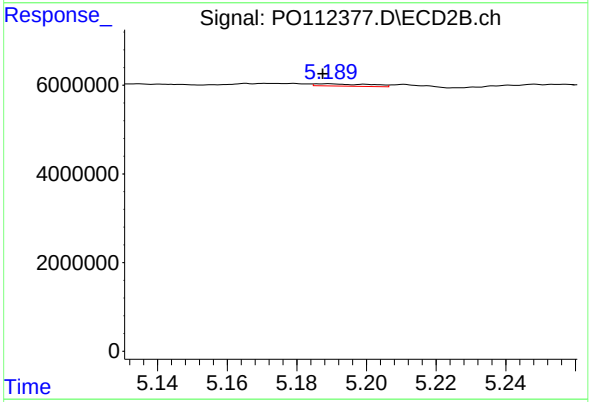
R.T.: 5.030 min
Delta R.T.: 0.013 min
Response: 47033
Conc: 0.71 ng/ml



#15 AR-1232-5

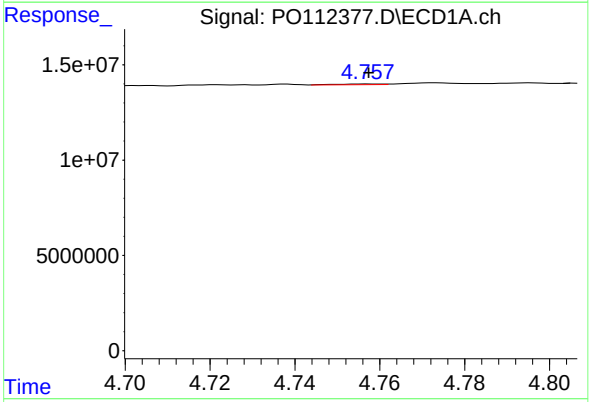
R.T.: 4.999 min
Delta R.T.: 0.003 min
Response: 3039231
Conc: 41.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



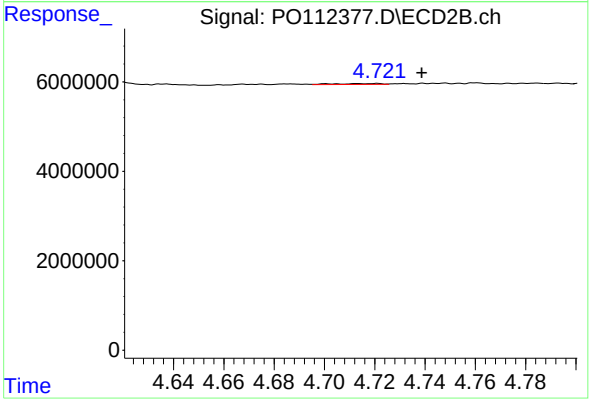
#15 AR-1232-5

R.T.: 5.189 min
Delta R.T.: 0.001 min
Response: 562291
Conc: 7.57 ng/ml



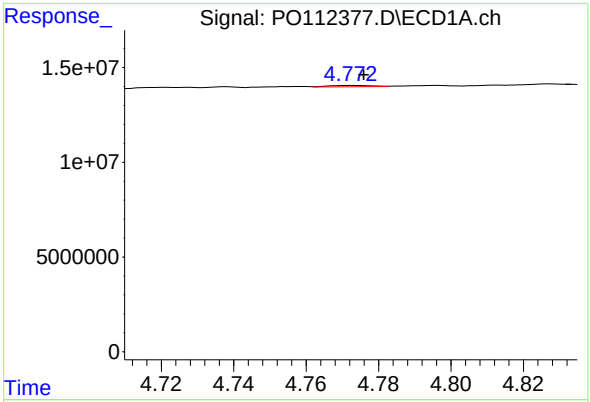
#16 AR-1242-1

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 267410
Conc: 0.92 ng/ml



#16 AR-1242-1

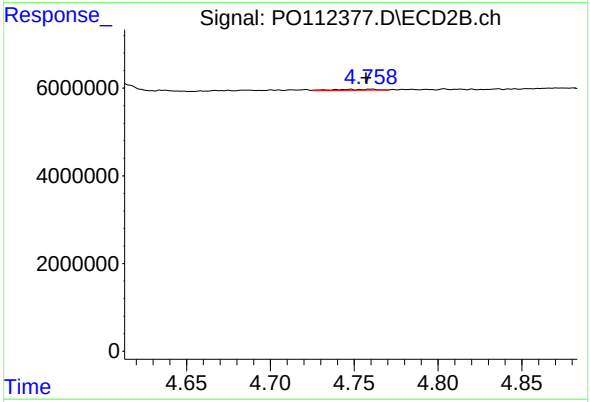
R.T.: 4.721 min
Delta R.T.: -0.018 min
Response: 287543
Conc: 1.48 ng/ml



#17 AR-1242-2

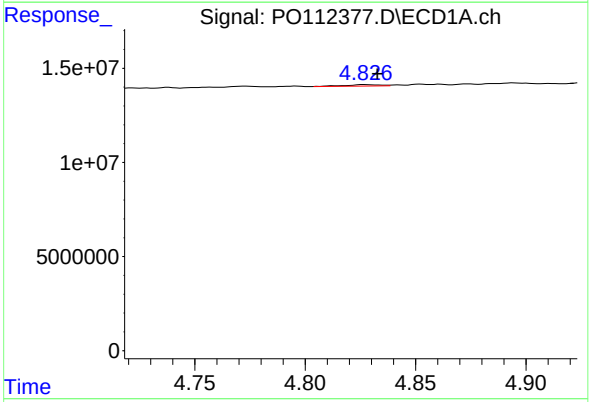
R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 574575
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



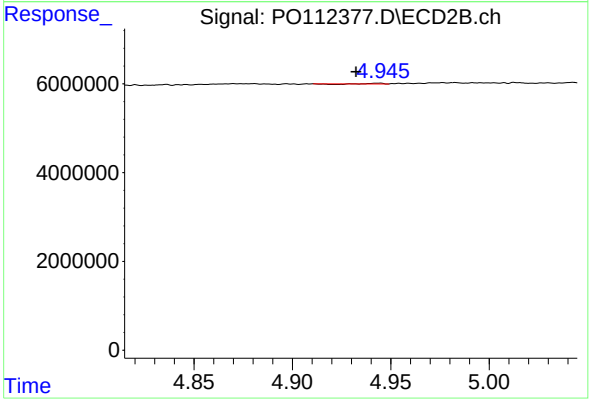
#17 AR-1242-2

R.T.: 4.760 min
Delta R.T.: 0.003 min
Response: 370062
Conc: 1.31 ng/ml



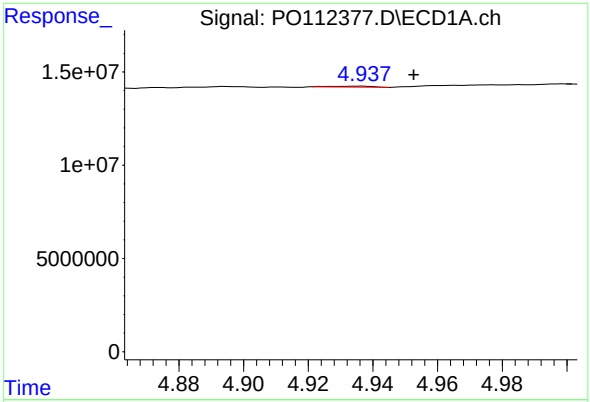
#18 AR-1242-3

R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 826602
Conc: 3.02 ng/ml



#18 AR-1242-3

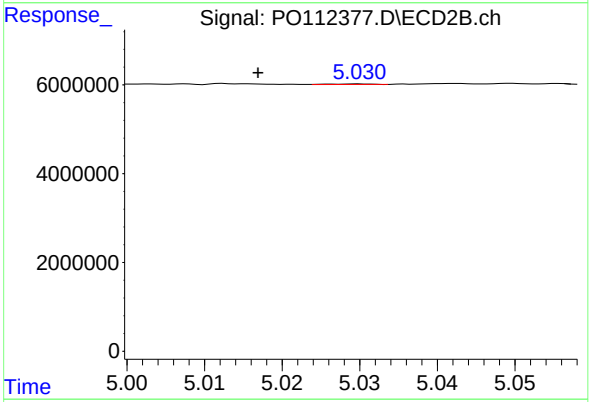
R.T.: 4.944 min
Delta R.T.: 0.012 min
Response: 23932
Conc: 0.16 ng/ml



#19 AR-1242-4

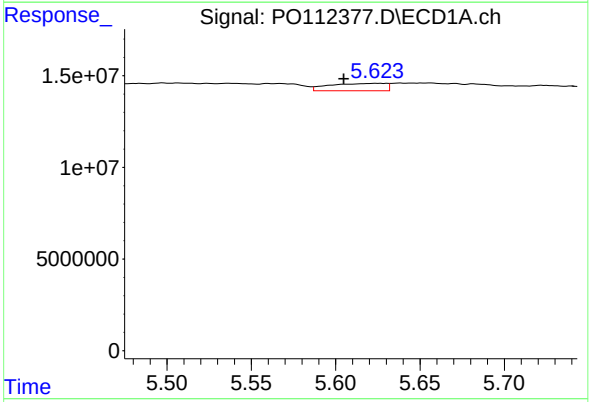
R.T.: 4.936 min
Delta R.T.: -0.016 min
Response: 443228
Conc: 1.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



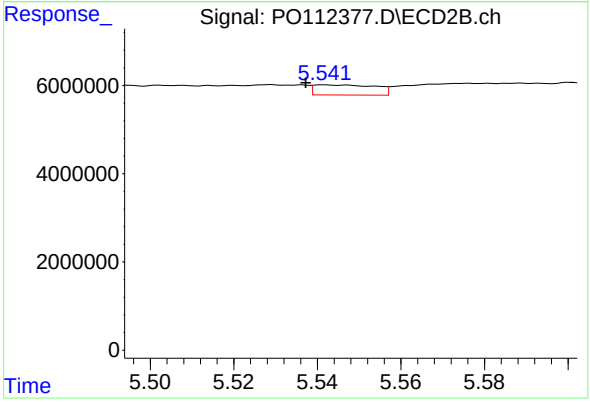
#19 AR-1242-4

R.T.: 5.030 min
Delta R.T.: 0.013 min
Response: 47033
Conc: 0.33 ng/ml



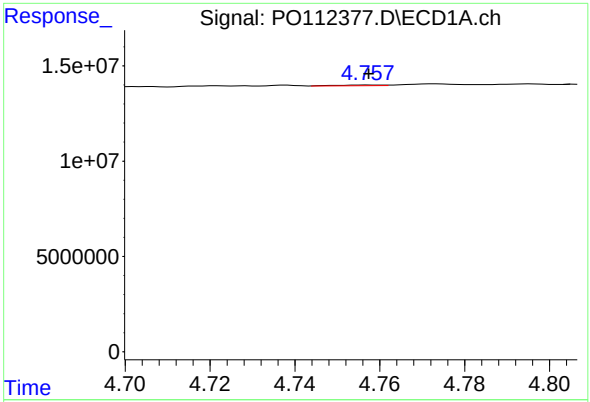
#20 AR-1242-5

R.T.: 5.624 min
Delta R.T.: 0.019 min
Response: 9421924
Conc: 44.51 ng/ml



#20 AR-1242-5

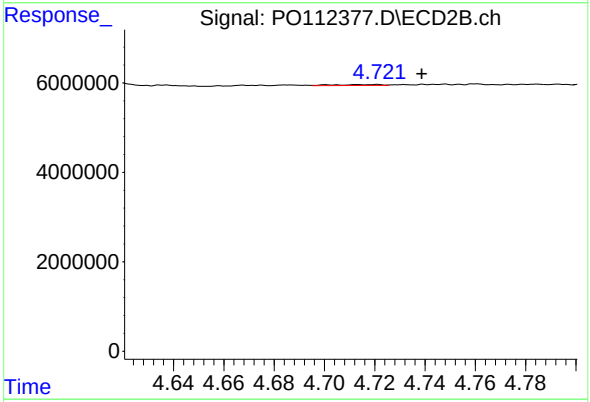
R.T.: 5.541 min
Delta R.T.: 0.004 min
Response: 2333127
Conc: 12.84 ng/ml



#21 AR-1248-1

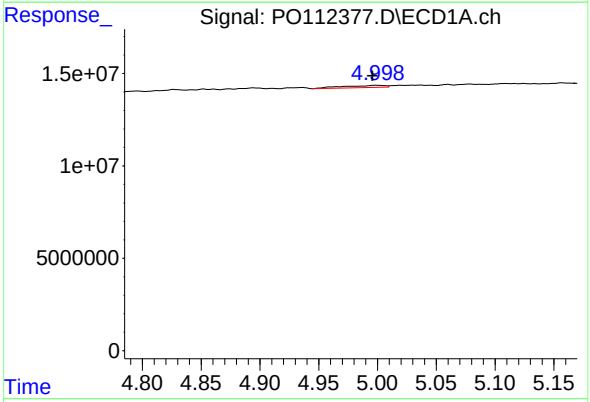
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 267410
Conc: 1.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



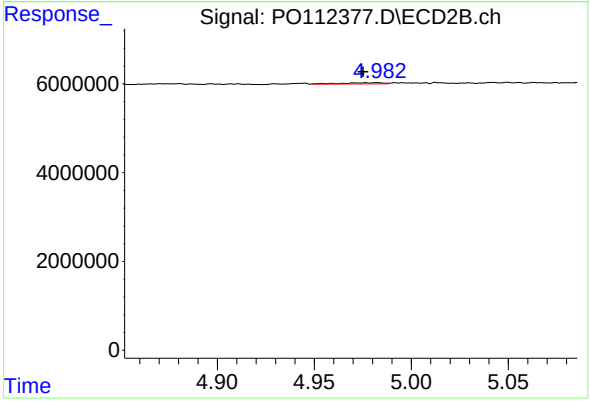
#21 AR-1248-1

R.T.: 4.721 min
Delta R.T.: -0.018 min
Response: 287543
Conc: 1.86 ng/ml



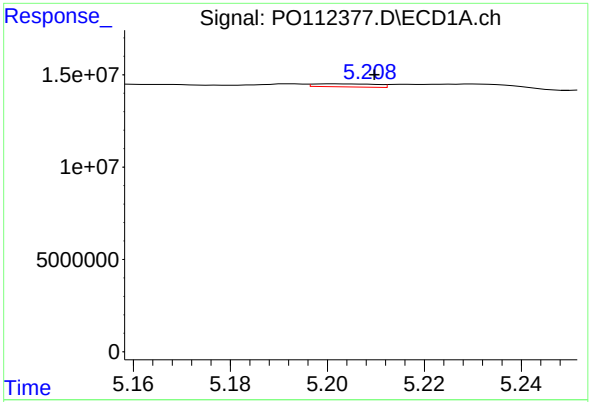
#22 AR-1248-2

R.T.: 4.999 min
Delta R.T.: 0.003 min
Response: 3039231
Conc: 9.86 ng/ml



#22 AR-1248-2

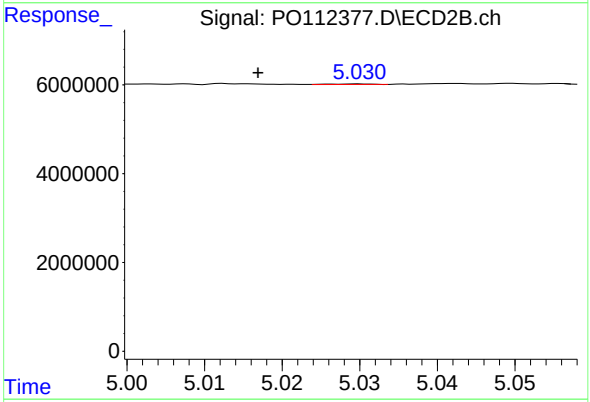
R.T.: 4.982 min
Delta R.T.: 0.007 min
Response: 374437
Conc: 1.82 ng/ml



#23 AR-1248-3

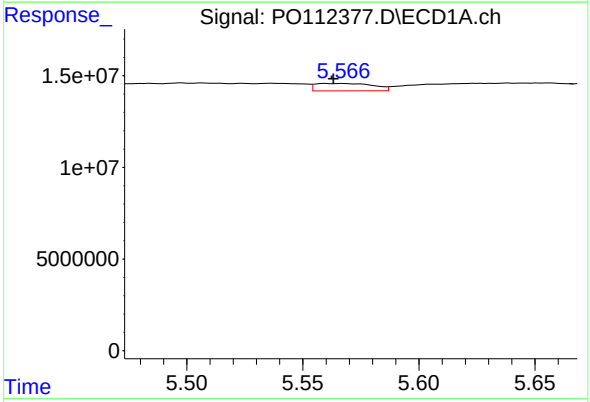
R.T.: 5.201 min
Delta R.T.: -0.008 min
Response: 1476316
Conc: 3.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



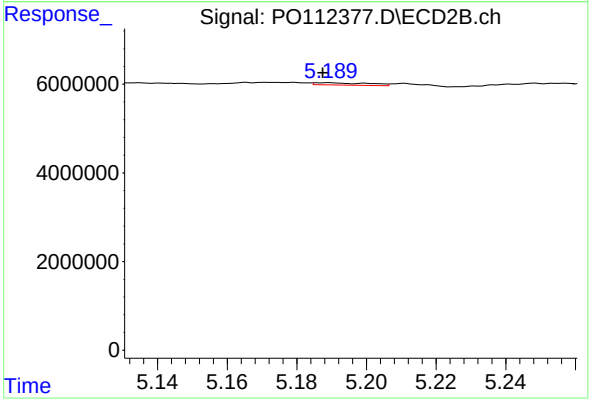
#23 AR-1248-3

R.T.: 5.030 min
Delta R.T.: 0.013 min
Response: 47033
Conc: 0.22 ng/ml



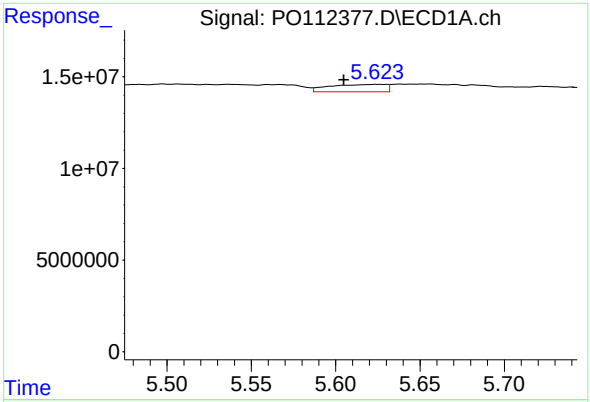
#24 AR-1248-4

R.T.: 5.567 min
Delta R.T.: 0.004 min
Response: 6945713
Conc: 12.03 ng/ml



#24 AR-1248-4

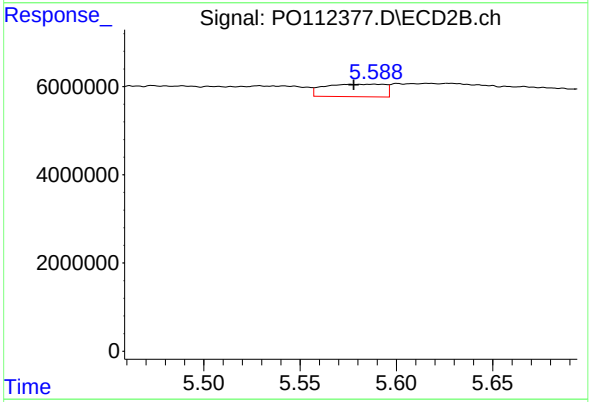
R.T.: 5.189 min
Delta R.T.: 0.001 min
Response: 562291
Conc: 2.17 ng/ml



#25 AR-1248-5

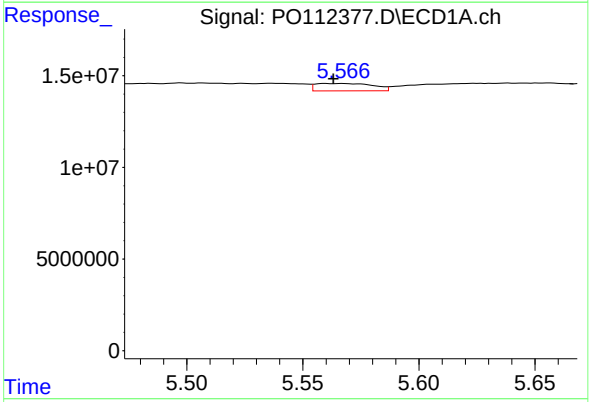
R.T.: 5.624 min
Delta R.T.: 0.019 min
Response: 9421924
Conc: 24.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



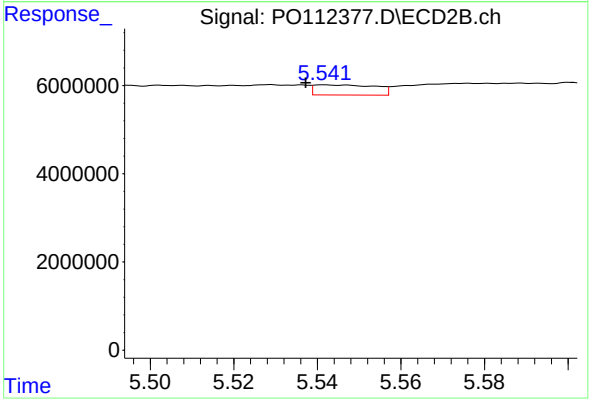
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: 0.011 min
Response: 6220076
Conc: 24.83 ng/ml



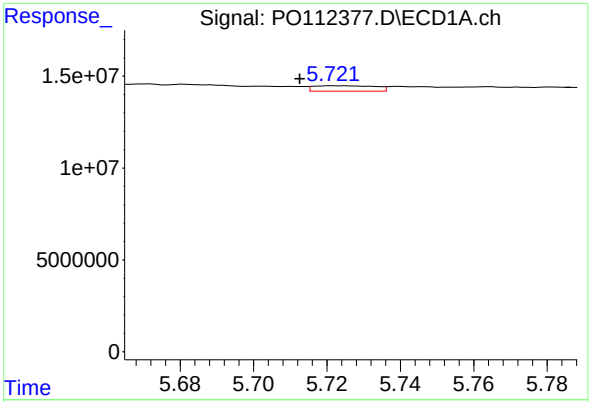
#26 AR-1254-1

R.T.: 5.567 min
Delta R.T.: 0.004 min
Response: 6945713
Conc: 11.29 ng/ml



#26 AR-1254-1

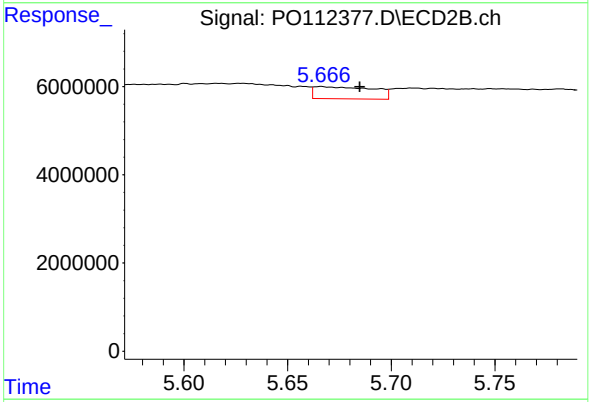
R.T.: 5.541 min
Delta R.T.: 0.004 min
Response: 2333127
Conc: 6.12 ng/ml



#27 AR-1254-2

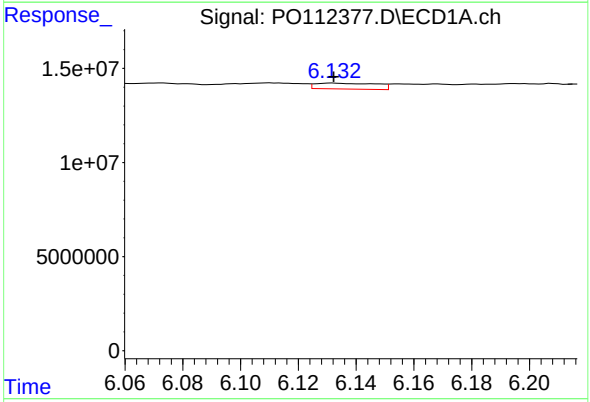
R.T.: 5.722 min
Delta R.T.: 0.009 min
Response: 3411893
Conc: 6.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



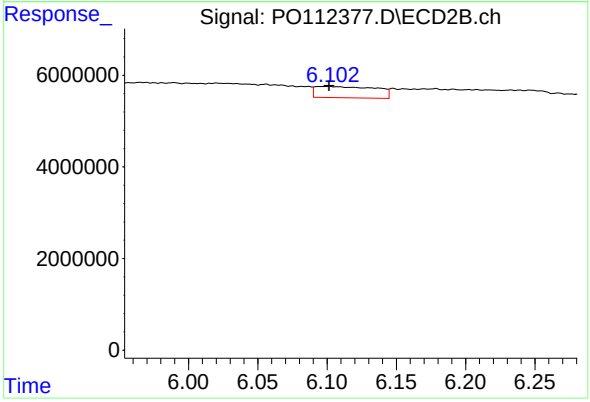
#27 AR-1254-2

R.T.: 5.666 min
Delta R.T.: -0.019 min
Response: 5472592
Conc: 16.49 ng/ml



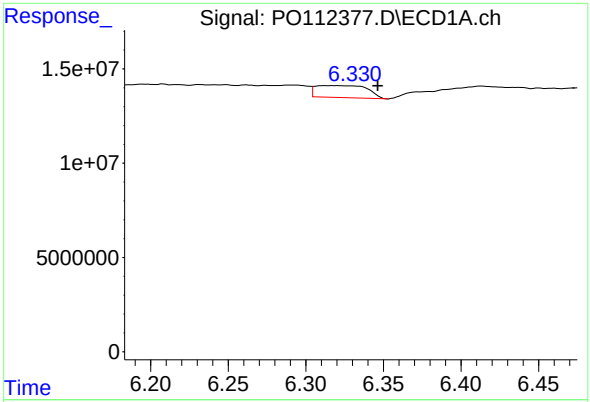
#28 AR-1254-3

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 4658000
Conc: 5.55 ng/ml



#28 AR-1254-3

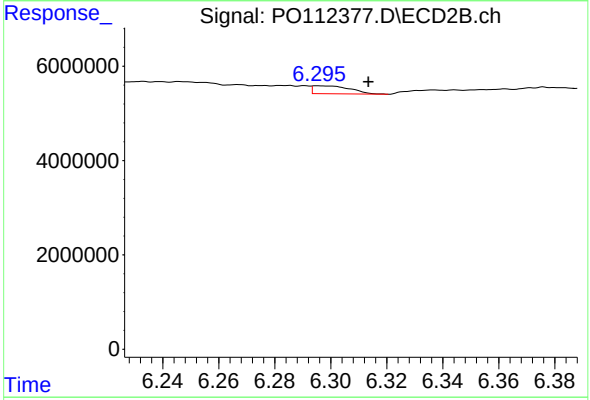
R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 7461036
Conc: 15.48 ng/ml



#29 AR-1254-4

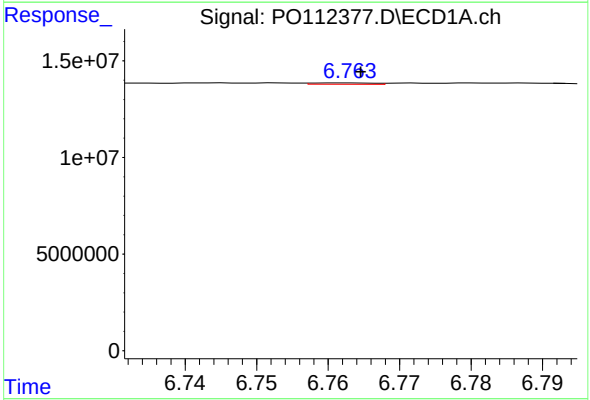
R.T.: 6.319 min
Delta R.T.: -0.027 min
Response: 14794149
Conc: 30.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



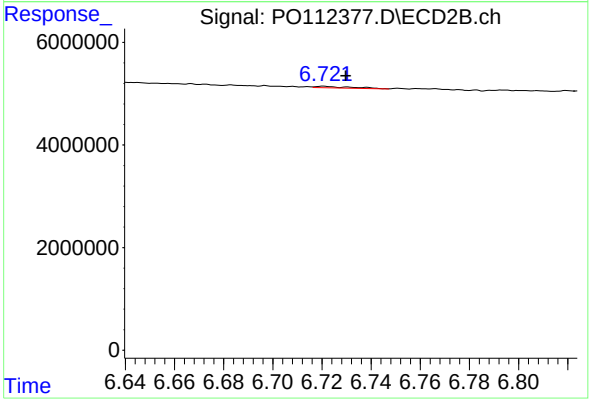
#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: -0.018 min
Response: 1544723
Conc: 5.93 ng/ml



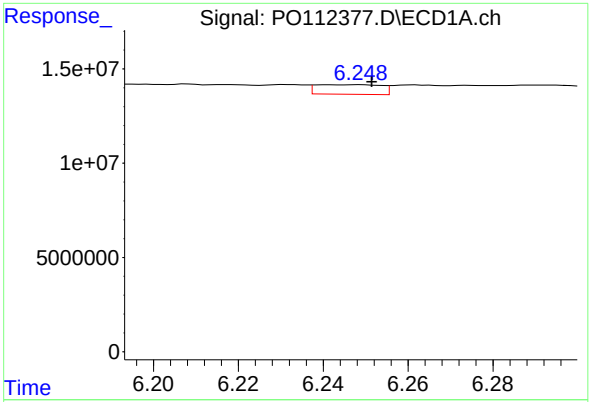
#30 AR-1254-5

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 438087
Conc: 0.57 ng/ml



#30 AR-1254-5

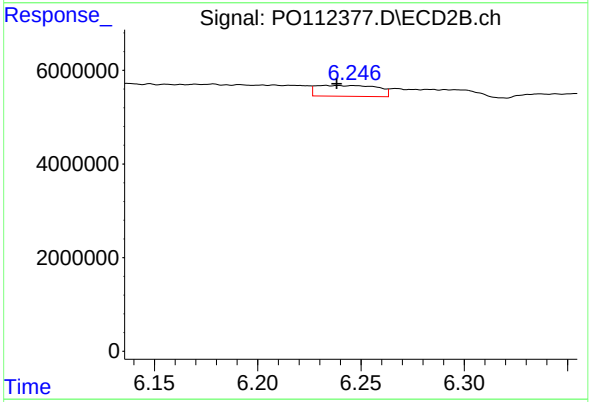
R.T.: 6.721 min
Delta R.T.: -0.009 min
Response: 327315
Conc: 0.92 ng/ml



#31 AR-1260-1

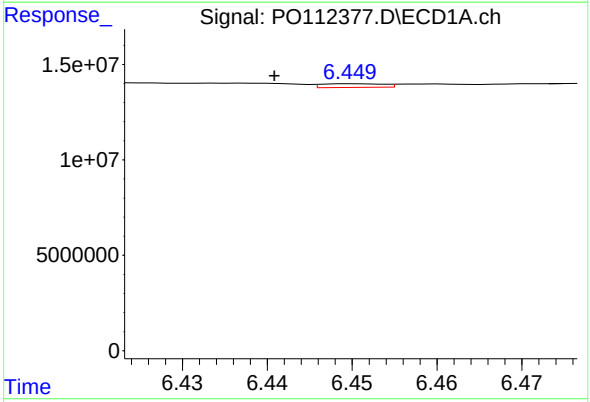
R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 5435200
Conc: 10.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



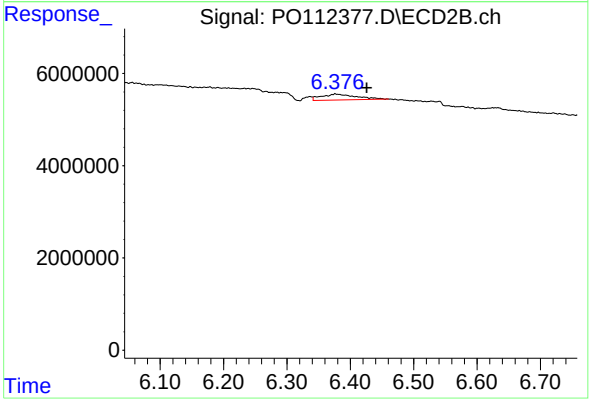
#31 AR-1260-1

R.T.: 6.233 min
Delta R.T.: -0.006 min
Response: 4774625
Conc: 17.02 ng/ml



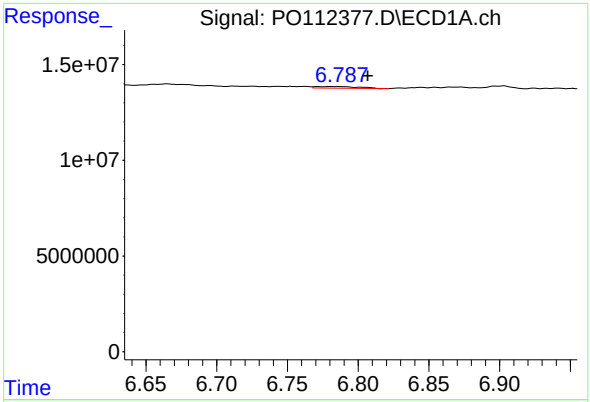
#32 AR-1260-2

R.T.: 6.450 min
Delta R.T.: 0.009 min
Response: 983953
Conc: 1.33 ng/ml



#32 AR-1260-2

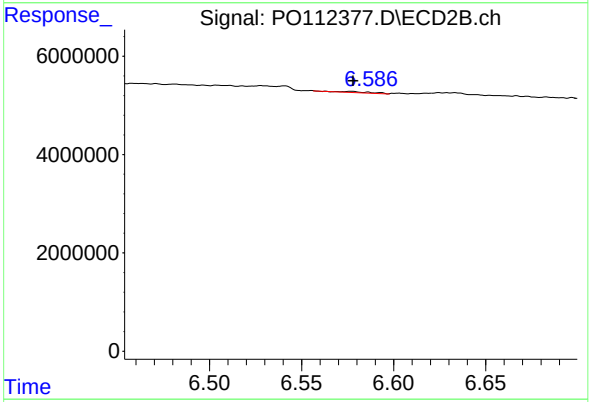
R.T.: 6.376 min
Delta R.T.: -0.050 min
Response: 4772324
Conc: 14.04 ng/ml



#33 AR-1260-3

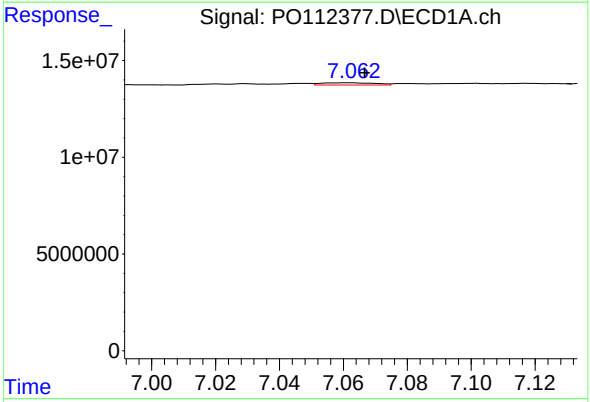
R.T.: 6.780 min
Delta R.T.: -0.026 min
Response: 1691809
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



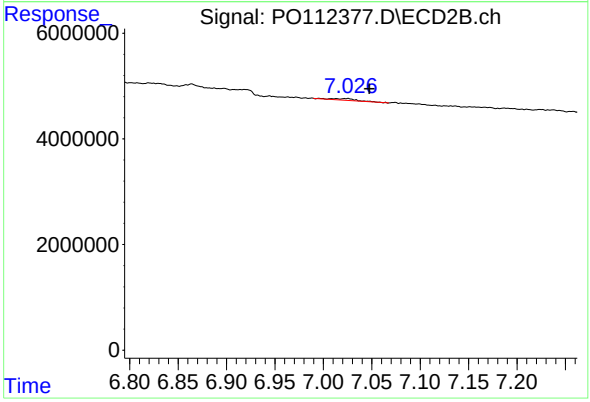
#33 AR-1260-3

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 277183
Conc: 1.01 ng/ml



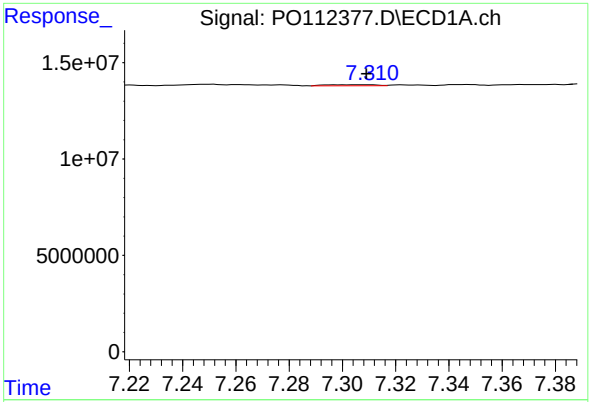
#34 AR-1260-4

R.T.: 7.062 min
Delta R.T.: -0.004 min
Response: 1305091
Conc: 3.00 ng/ml



#34 AR-1260-4

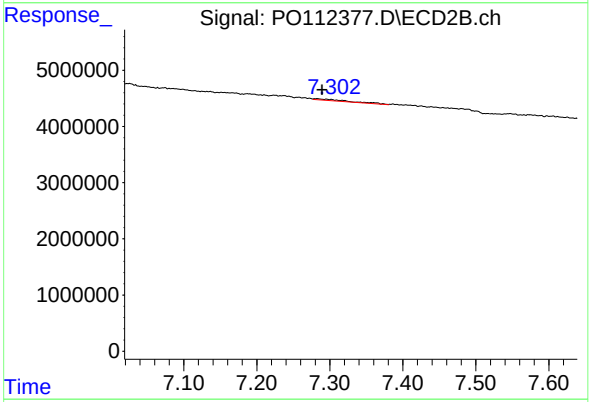
R.T.: 7.025 min
Delta R.T.: -0.022 min
Response: 539763
Conc: 2.69 ng/ml



#35 AR-1260-5

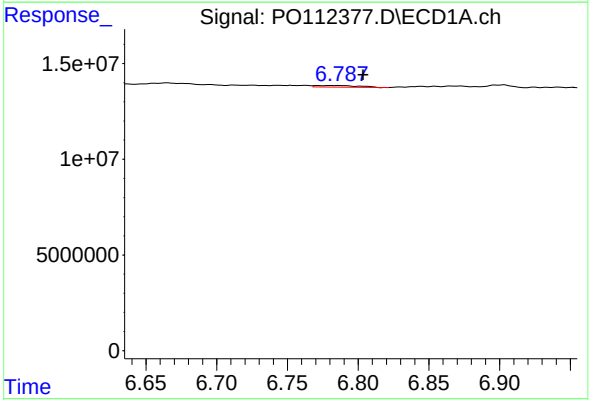
R.T.: 7.310 min
Delta R.T.: 0.001 min
Response: 756261
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



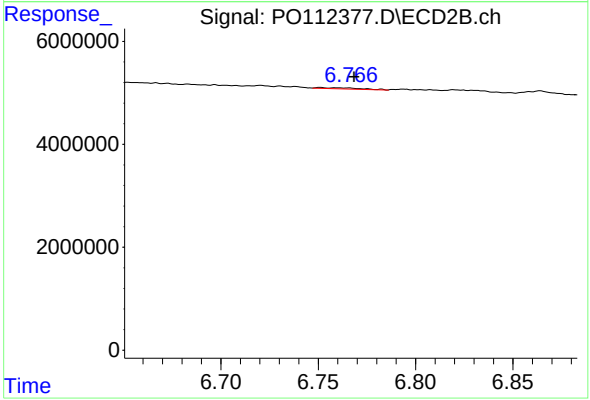
#35 AR-1260-5

R.T.: 7.283 min
Delta R.T.: -0.007 min
Response: 842864
Conc: 1.88 ng/ml



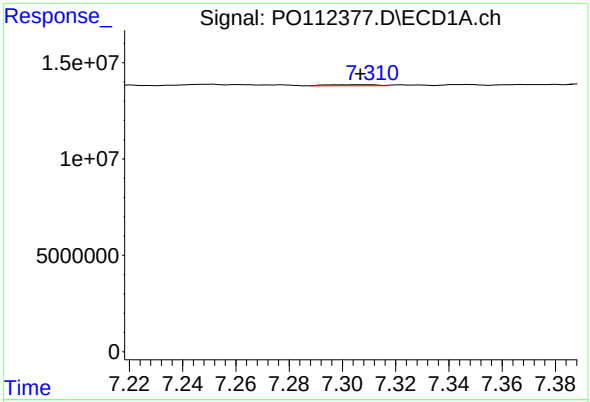
#36 AR-1262-1

R.T.: 6.780 min
Delta R.T.: -0.023 min
Response: 1691809
Conc: 1.66 ng/ml



#36 AR-1262-1

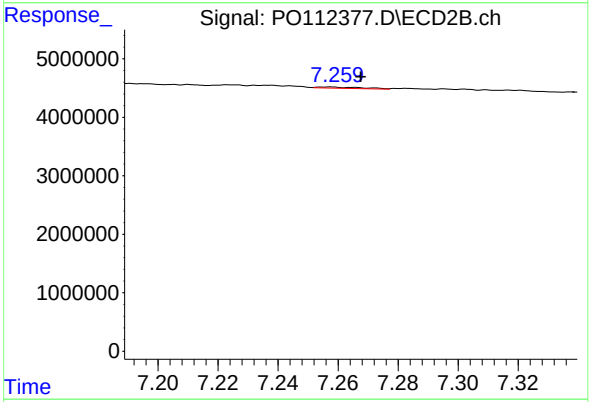
R.T.: 6.751 min
Delta R.T.: -0.017 min
Response: 298167
Conc: 0.73 ng/ml



#37 AR-1262-2

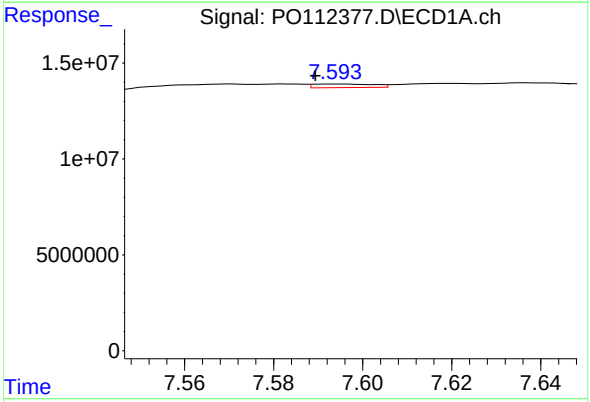
R.T.: 7.310 min
Delta R.T.: 0.003 min
Response: 756261
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



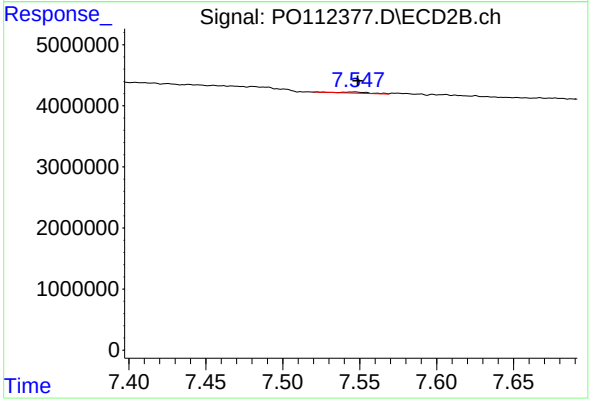
#37 AR-1262-2

R.T.: 7.257 min
Delta R.T.: -0.010 min
Response: 224996
Conc: 0.44 ng/ml



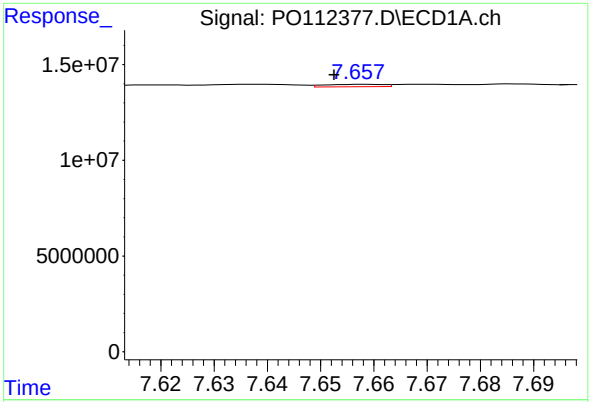
#38 AR-1262-3

R.T.: 7.595 min
Delta R.T.: 0.005 min
Response: 1730345
Conc: 2.70 ng/ml



#38 AR-1262-3

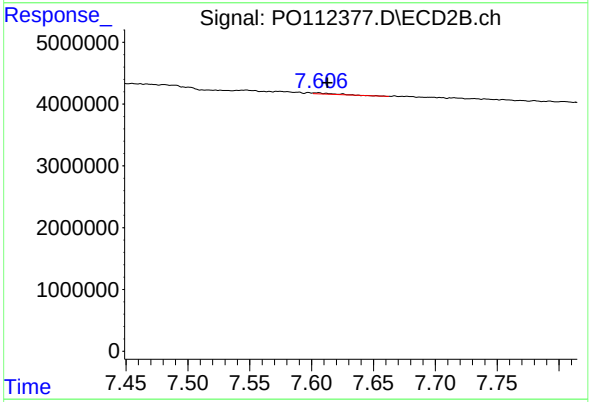
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 272391
Conc: 1.52 ng/ml



#39 AR-1262-4

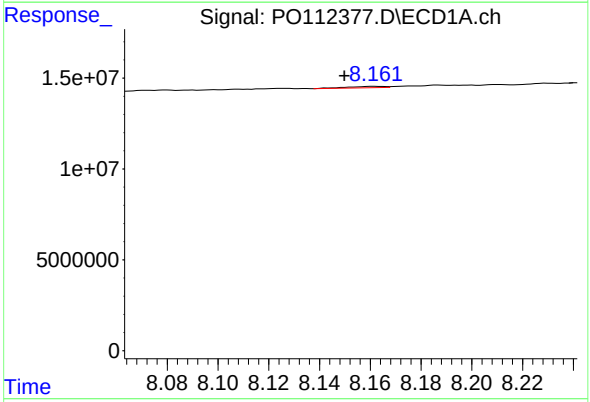
R.T.: 7.658 min
Delta R.T.: 0.006 min
Response: 958852
Conc: 0.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



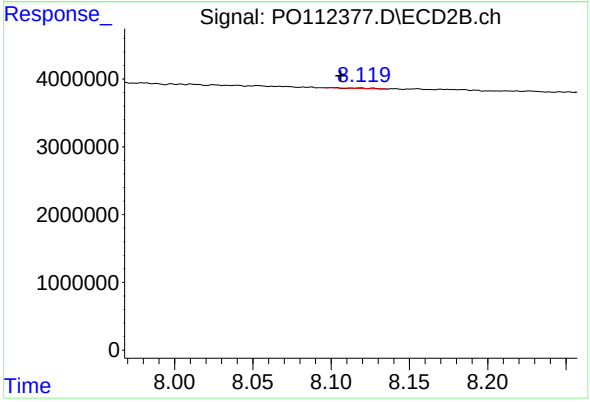
#39 AR-1262-4

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 202113
Conc: 0.69 ng/ml



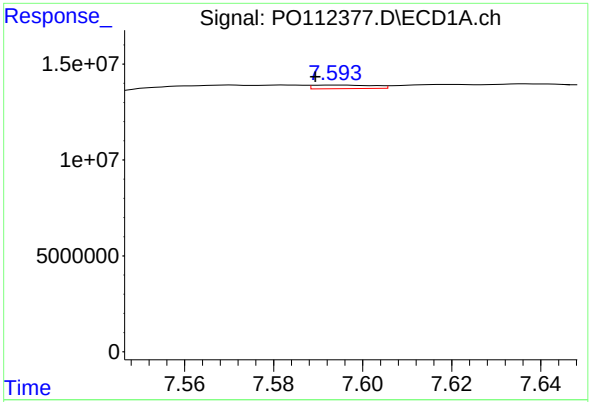
#40 AR-1262-5

R.T.: 8.162 min
Delta R.T.: 0.012 min
Response: 807632
Conc: 1.80 ng/ml



#40 AR-1262-5

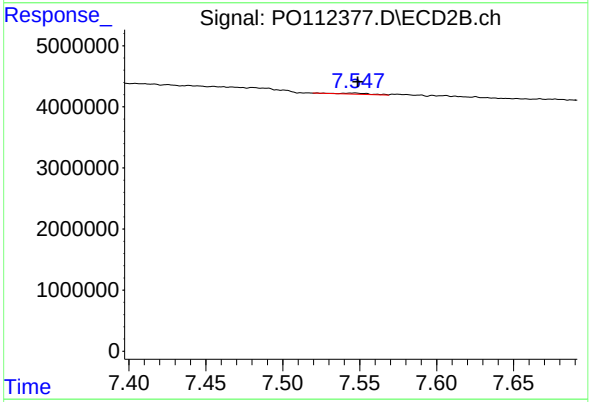
R.T.: 8.119 min
Delta R.T.: 0.013 min
Response: 77961
Conc: 0.74 ng/ml



#41 AR-1268-1

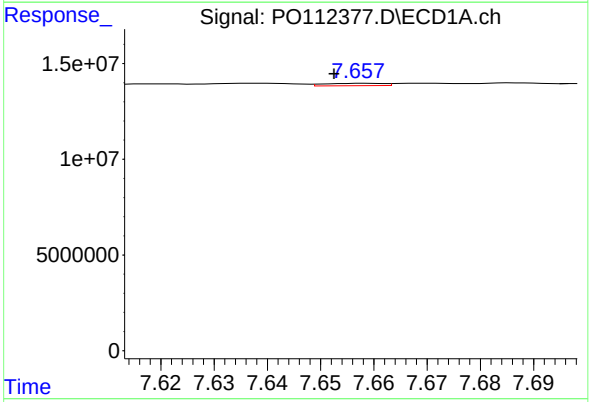
R.T.: 7.595 min
Delta R.T.: 0.005 min
Response: 1730345
Conc: 0.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



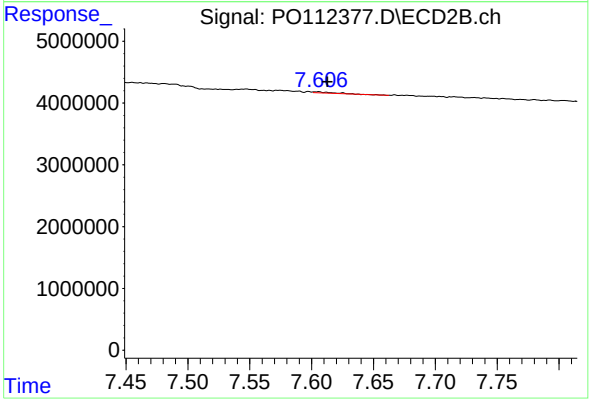
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 272391
Conc: 0.55 ng/ml



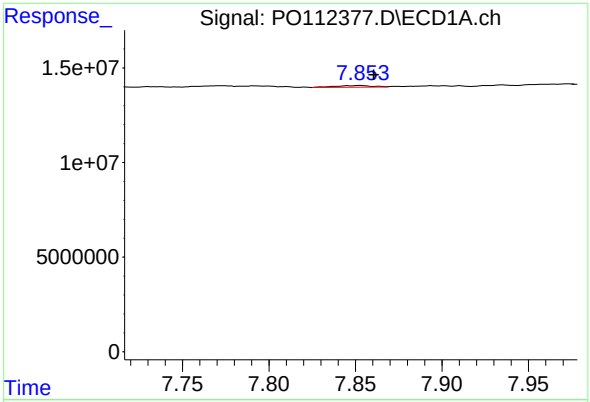
#42 AR-1268-2

R.T.: 7.658 min
Delta R.T.: 0.006 min
Response: 958852
Conc: 0.62 ng/ml



#42 AR-1268-2

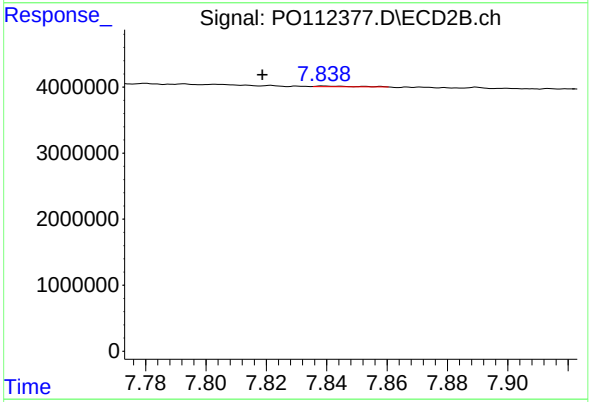
R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 202113
Conc: 0.48 ng/ml



#43 AR-1268-3

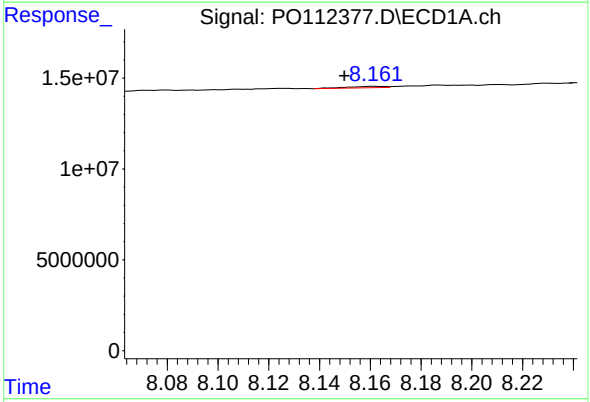
R.T.: 7.853 min
Delta R.T.: -0.007 min
Response: 1299936
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



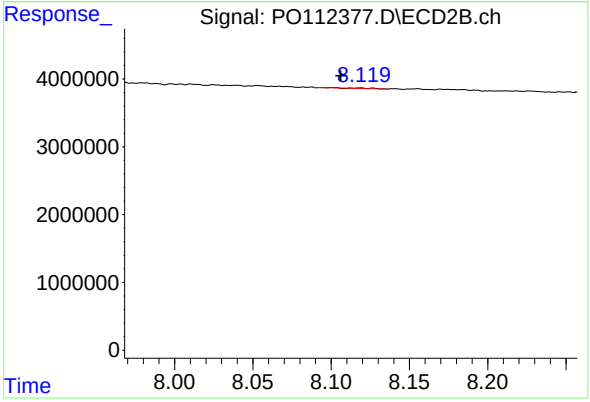
#43 AR-1268-3

R.T.: 7.839 min
Delta R.T.: 0.020 min
Response: 67936
Conc: 0.21 ng/ml



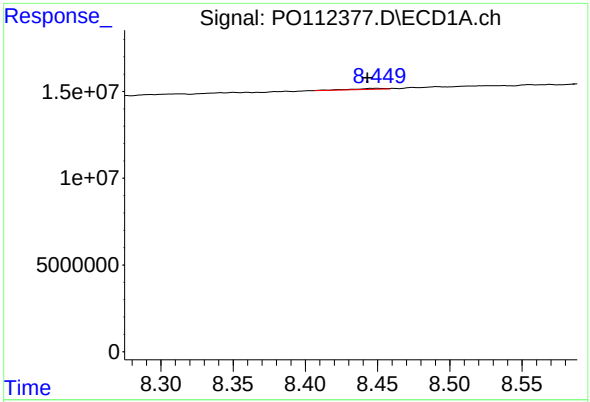
#44 AR-1268-4

R.T.: 8.162 min
Delta R.T.: 0.012 min
Response: 807632
Conc: 1.68 ng/ml



#44 AR-1268-4

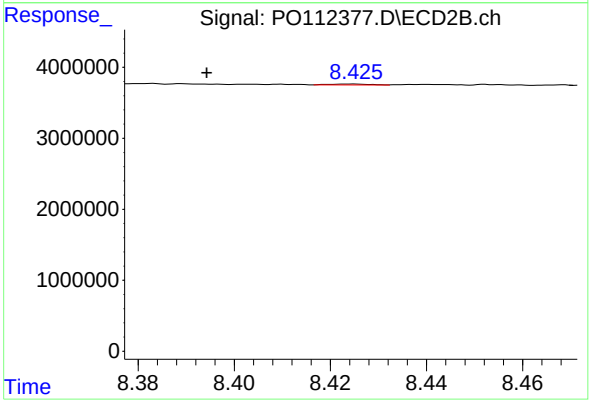
R.T.: 8.119 min
Delta R.T.: 0.013 min
Response: 77961
Conc: 0.70 ng/ml



#45 AR-1268-5

R.T.: 8.450 min
Delta R.T.: 0.007 min
Response: 806788
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
RW5B-CARBON-20250716RX



#45 AR-1268-5

R.T.: 8.425 min
Delta R.T.: 0.030 min
Response: 68617
Conc: 0.09 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:48
Operator : YP/AJ
Sample : Q2649-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.669	3.700	242.1E6	8967713	24.470	1.408	#
2)	SA Decachlor...	8.694	8.641	120.5E6	29581830	17.626	17.164	
	Target Compounds							
3)	L1 AR-1016-1	4.756	4.755	184.1E6	148.6E6	541.329	666.692	
4)	L1 AR-1016-2	4.774	4.787	268.0E6	1979239	538.955	6.014	#
5)	L1 AR-1016-3	4.831	4.973	168.4E6	67380854	520.216	396.669	
6)	L1 AR-1016-4	4.951	5.015	138.3E6	77283307	538.405	563.177	
7)	L1 AR-1016-5	5.207	5.225	137.4E6	29032029	502.246	168.350	#
8)	L2 AR-1221-1	3.880	3.870	17912845	14362037	153.608	174.519	
9)	L2 AR-1221-2	3.967	3.956	22078725	20450692	280.043	344.557	
10)	L2 AR-1221-3	4.042	4.031	96084120	66663438	356.419	353.134	
11)	L3 AR-1232-1	4.042	4.031	96084120	66663438	447.595	444.129	
12)	L3 AR-1232-2	4.534	4.755	194.3E6	148.6E6	1710.209	970.449	#
13)	L3 AR-1232-3	4.774	4.931	268.0E6	83217716	1170.339	1102.133	
14)	L3 AR-1232-4	4.951	5.015	138.3E6	77283307	1209.677	1171.169	
15)	L3 AR-1232-5	4.994	5.185	109.7E6	83435096	1494.898	1123.555	
16)	L4 AR-1242-1	4.756	4.737	184.1E6	106.2E6	635.687	548.073	
17)	L4 AR-1242-2	4.774	4.755	268.0E6	148.6E6	629.269	524.301	
18)	L4 AR-1242-3	4.831	4.931	168.4E6	83217716	615.309	571.247	
19)	L4 AR-1242-4	4.951	5.015	138.3E6	77283307	613.630	544.860	
20)	L4 AR-1242-5	5.604	5.535	48470023	75364705	228.988	414.698	#
21)	L5 AR-1248-1	4.756	4.737	184.1E6	106.2E6	811.453	688.280	
22)	L5 AR-1248-2	4.994	4.973	109.7E6	67380854	355.877	327.461	
23)	L5 AR-1248-3	5.207	5.015	137.4E6	77283307	337.439	359.795	
24)	L5 AR-1248-4	5.561	5.185	153.4E6	83435096	265.810	322.483	
25)	L5 AR-1248-5	5.604	5.576	48470023	17868301	124.185	71.316	#
26)	L6 AR-1254-1	5.561	5.535	153.4E6	75364705	249.404	197.720	
27)	L6 AR-1254-2	5.710	5.683	155.2E6	75867859	289.665	228.648	
28)	L6 AR-1254-3	6.130	6.099	226.3E6	119.4E6	269.585	247.723	
29)	L6 AR-1254-4	6.342	6.311	49084102	17484709	102.042	67.070	#
30)	L6 AR-1254-5	6.761	6.726	352.3E6	156.6E6	455.155	439.438	
31)	L7 AR-1260-1	6.245	6.214	304.3E6	146.1E6	607.036	520.752	
32)	L7 AR-1260-2	6.435	6.441	361.7E6	3869382	490.070	11.381	#
33)	L7 AR-1260-3	6.801	6.553	245.9E6	75681809	375.115	274.621	#
34)	L7 AR-1260-4	7.060	7.060	183.0E6	17248638	420.489	85.966	#
35)	L7 AR-1260-5	7.303	7.265	482.0E6	165.7E6	381.763	370.024	
36)	L8 AR-1262-1	6.801	6.766	245.9E6	104.3E6	240.662	256.014	
37)	L8 AR-1262-2	7.303	7.265	482.0E6	165.7E6	294.009	323.228	
38)	L8 AR-1262-3	7.587	7.546	95870423	28096370	149.337	156.505	
39)	L8 AR-1262-4	7.649	7.609	303.5E6	85457274	283.261	293.749	
40)	L8 AR-1262-5	8.146	8.103	88931774	19733764	198.446	186.549	
41)	L9 AR-1268-1	7.587	7.546	95870423	28096370	52.176	57.170	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:48
Operator : YP/AJ
Sample : Q2649-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.649	7.609	303.5E6	85457274	194.848	204.842
43) L9	AR-1268-3	7.856	7.815	5708847	1705891	4.393	5.392
44) L9	AR-1268-4	8.146	8.103	88931774	19733764	185.117	176.965
45) L9	AR-1268-5	8.440	8.391	23614280	5848301	7.235	8.050

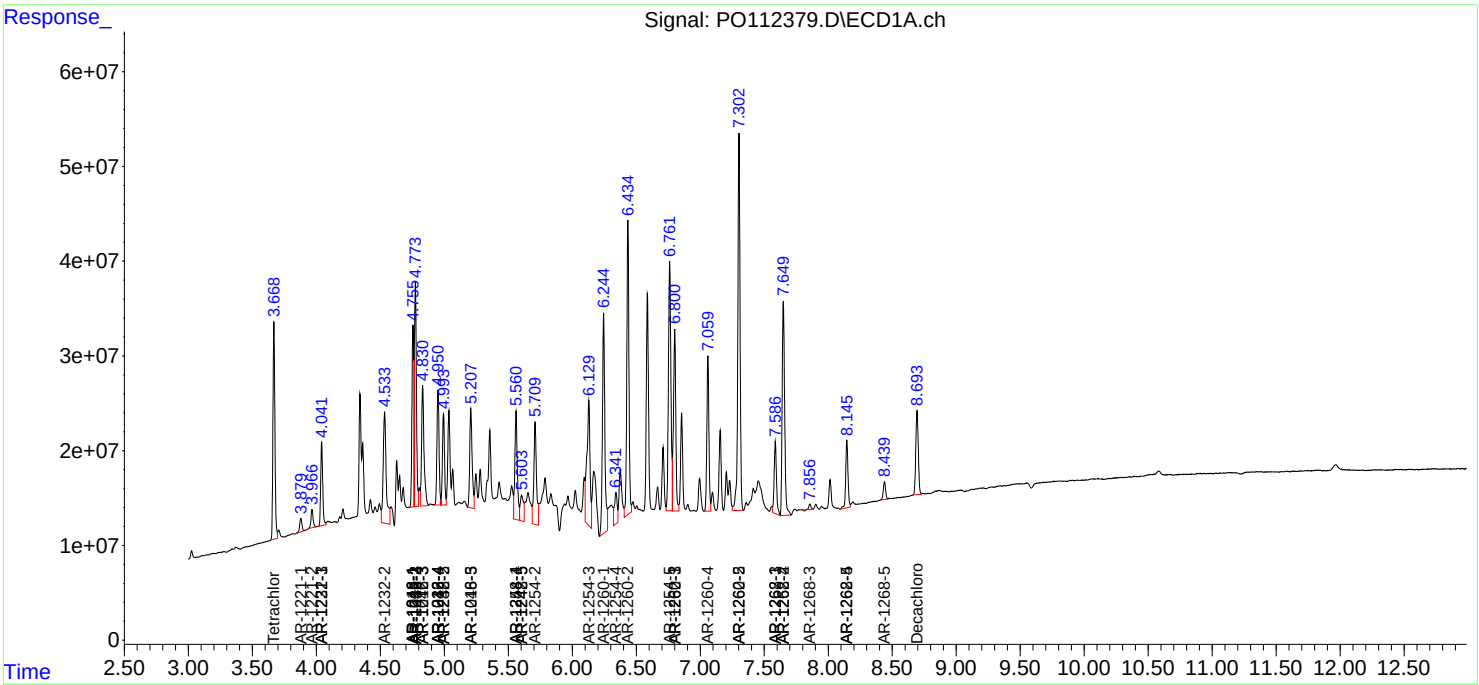
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

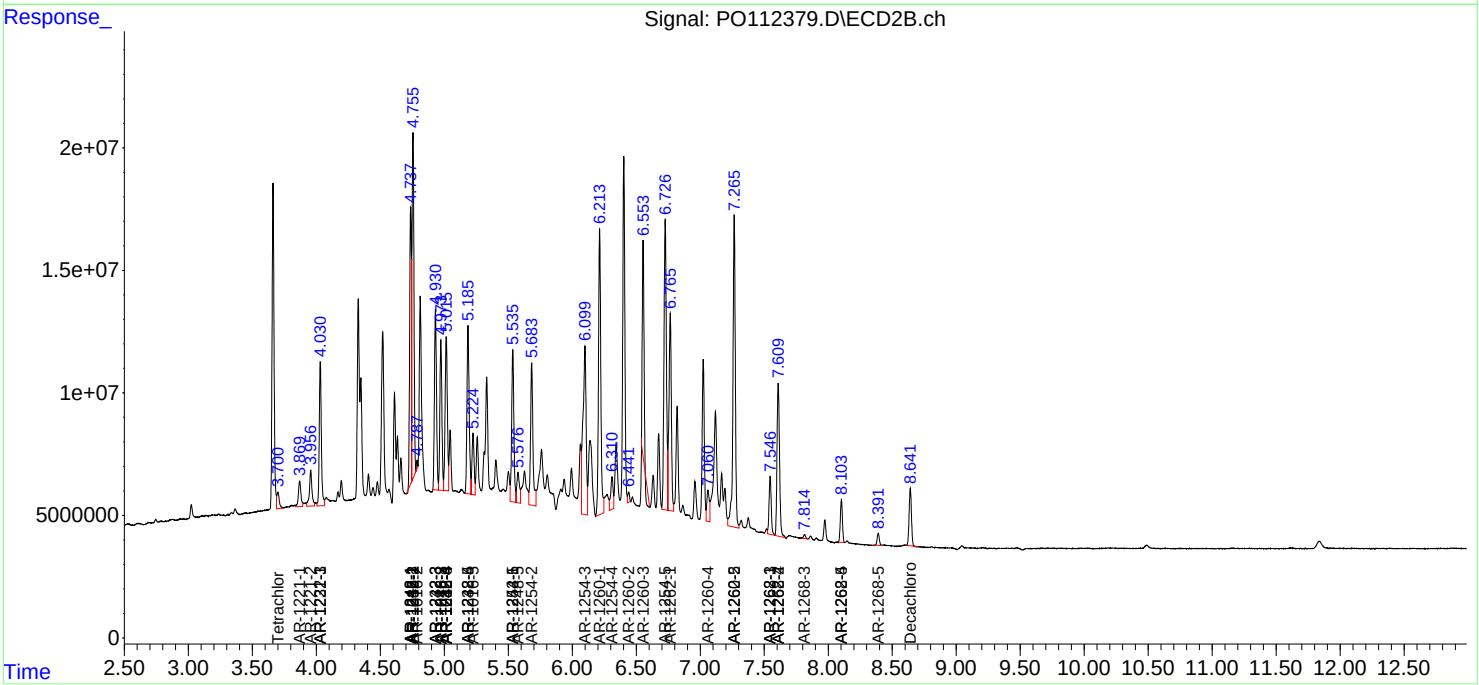
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112379.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 14:48
Operator : YP/AJ
Sample : Q2649-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

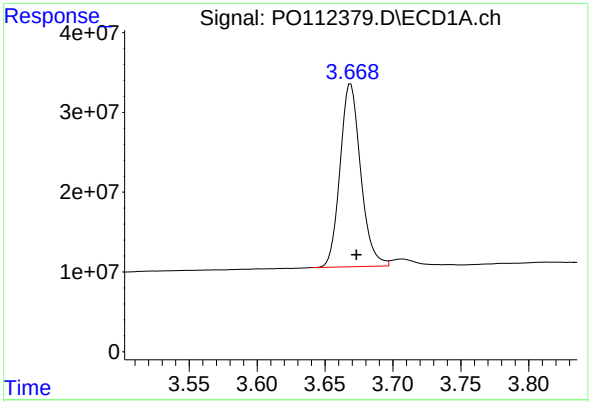
Instrument :
ECD_O
ClientSampleId :
WC-1MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:50:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



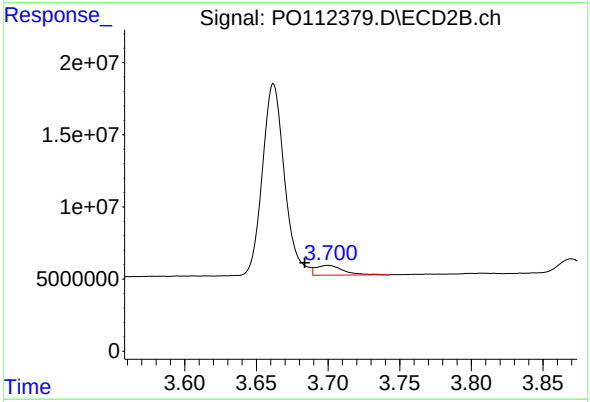




#1 Tetrachloro-m-xylene

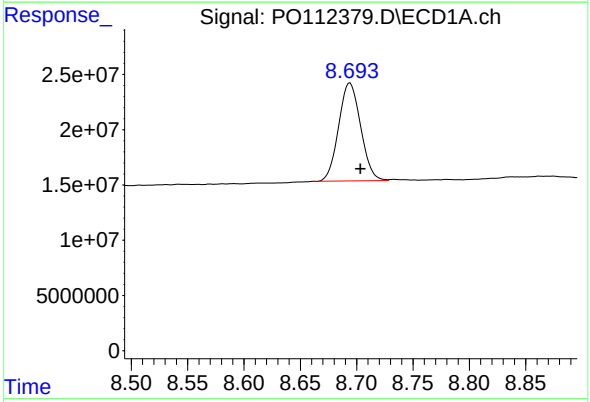
R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 242123618
Conc: 24.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



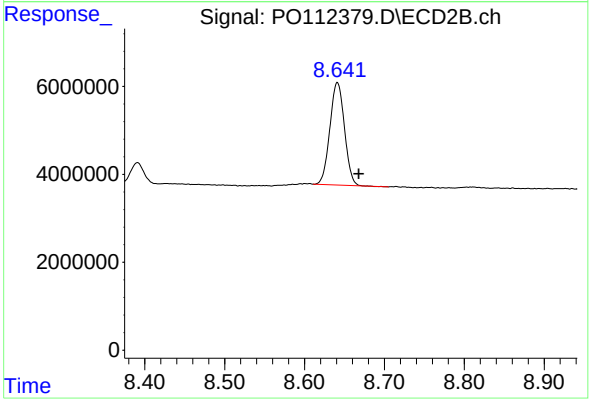
#1 Tetrachloro-m-xylene

R.T.: 3.700 min
Delta R.T.: 0.017 min
Response: 8967713
Conc: 1.41 ng/ml



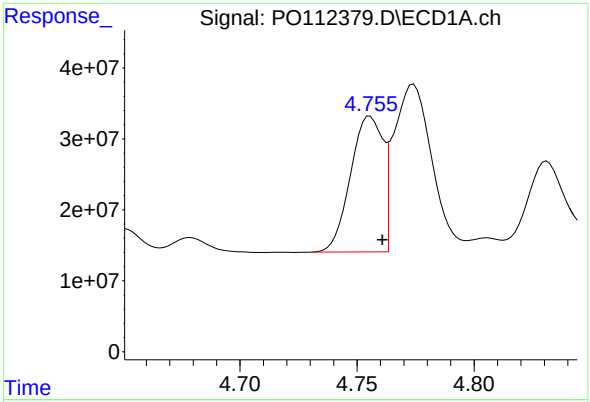
#2 Decachlorobiphenyl

R.T.: 8.694 min
Delta R.T.: -0.009 min
Response: 120506845
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

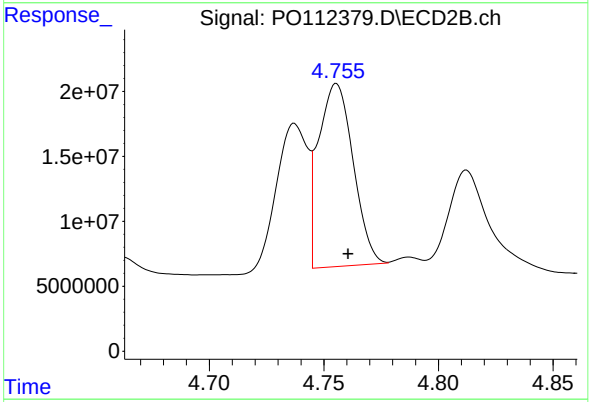
R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 29581830
Conc: 17.16 ng/ml



#3 AR-1016-1

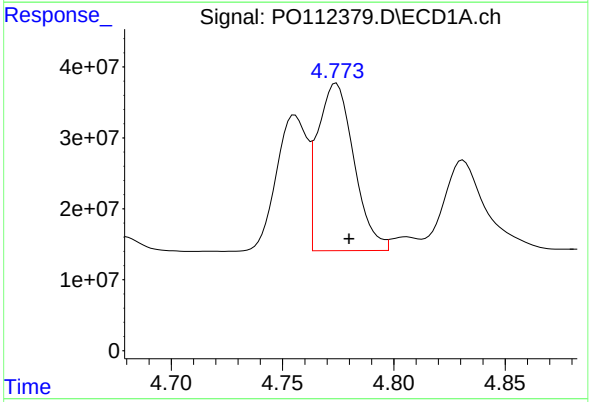
R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 184118312
Conc: 541.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



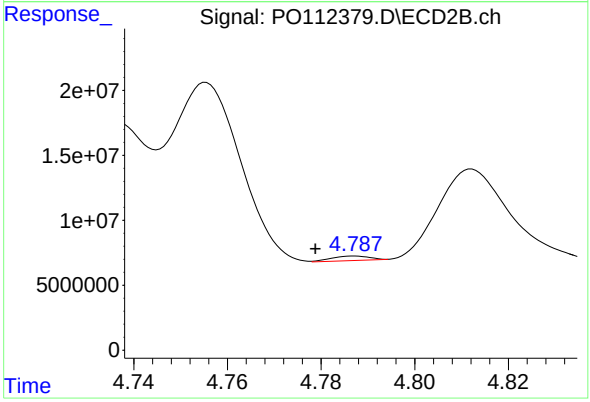
#3 AR-1016-1

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 148561942
Conc: 666.69 ng/ml



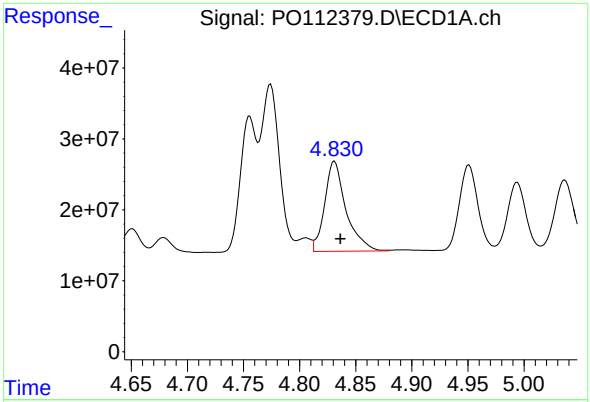
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.006 min
Response: 268018035
Conc: 538.96 ng/ml



#4 AR-1016-2

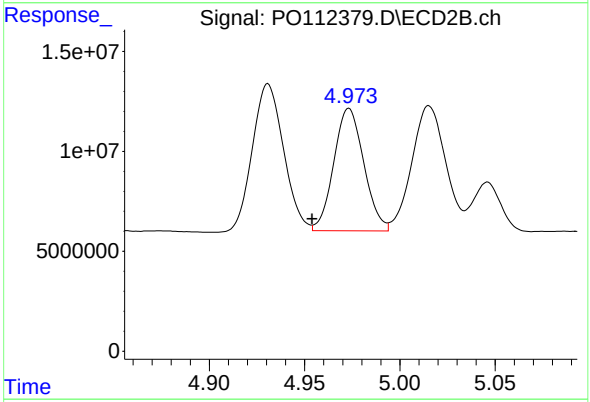
R.T.: 4.787 min
Delta R.T.: 0.008 min
Response: 1979239
Conc: 6.01 ng/ml



#5 AR-1016-3

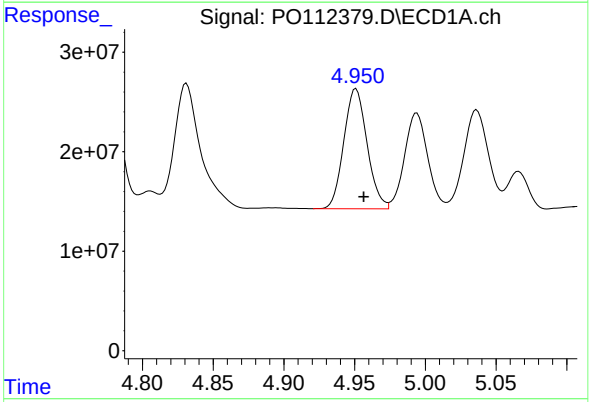
R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 168401187
Conc: 520.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



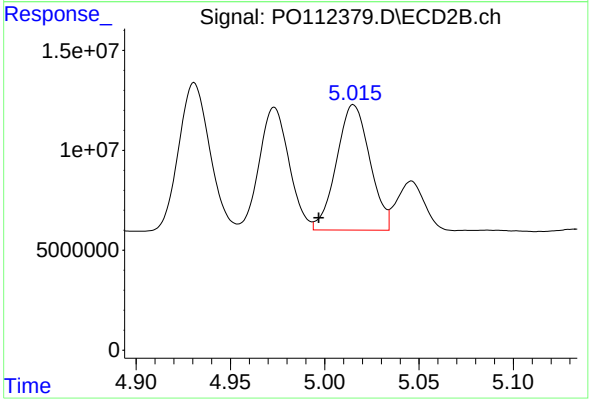
#5 AR-1016-3

R.T.: 4.973 min
Delta R.T.: 0.019 min
Response: 67380854
Conc: 396.67 ng/ml



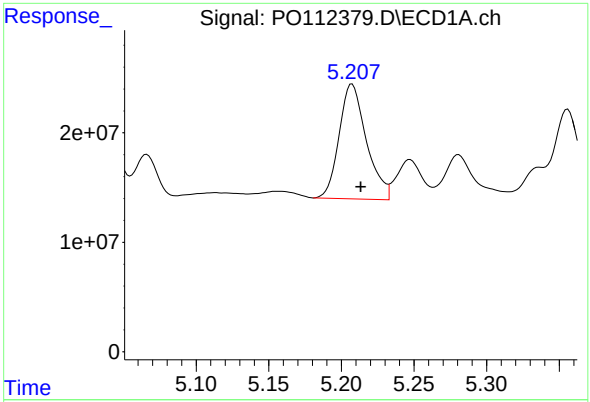
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 138262063
Conc: 538.40 ng/ml



#6 AR-1016-4

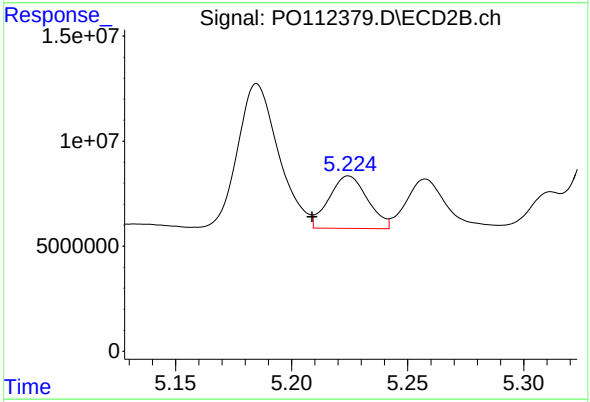
R.T.: 5.015 min
Delta R.T.: 0.018 min
Response: 77283307
Conc: 563.18 ng/ml



#7 AR-1016-5

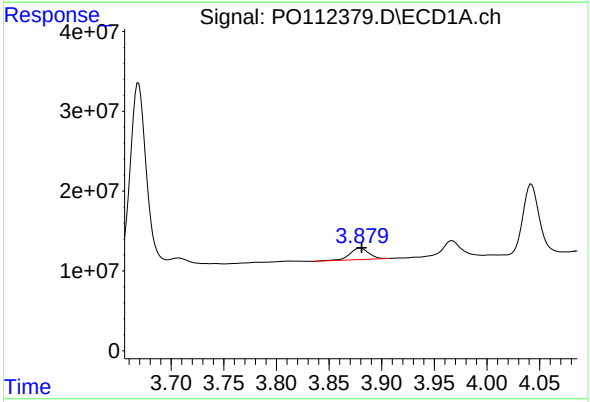
R.T.: 5.207 min
Delta R.T.: -0.006 min
Response: 137445549
Conc: 502.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



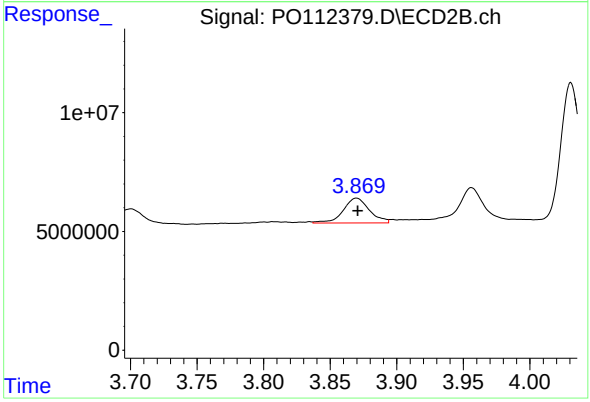
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: 0.016 min
Response: 29032029
Conc: 168.35 ng/ml



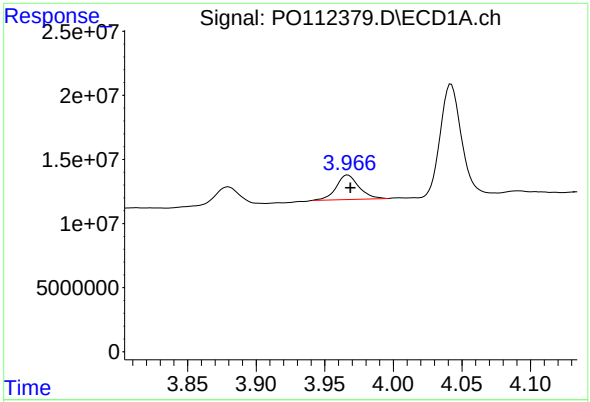
#8 AR-1221-1

R.T.: 3.880 min
Delta R.T.: -0.001 min
Response: 17912845
Conc: 153.61 ng/ml



#8 AR-1221-1

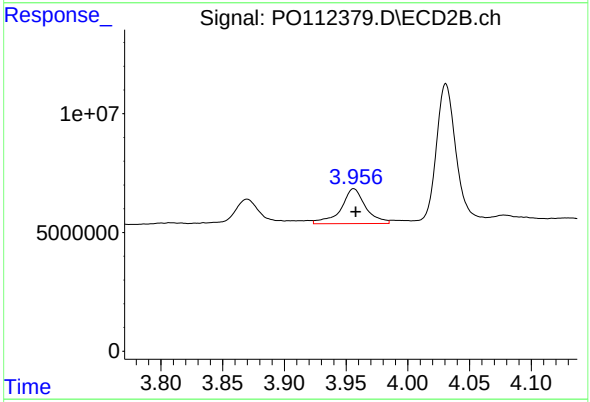
R.T.: 3.870 min
Delta R.T.: 0.000 min
Response: 14362037
Conc: 174.52 ng/ml



#9 AR-1221-2

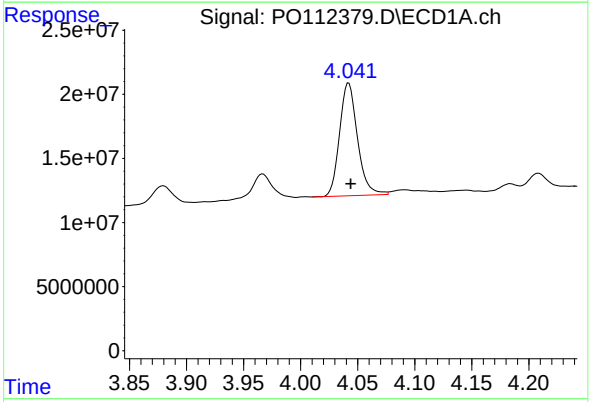
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 22078725
Conc: 280.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



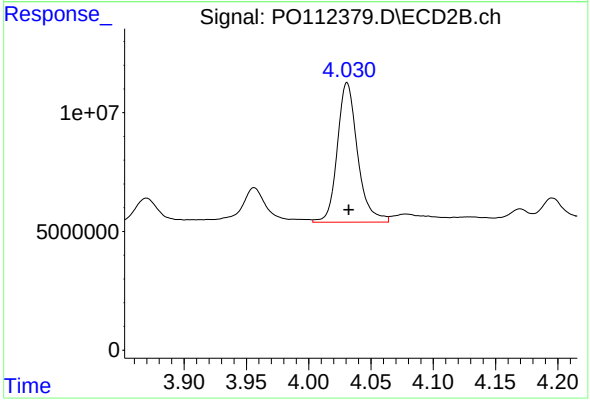
#9 AR-1221-2

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 20450692
Conc: 344.56 ng/ml



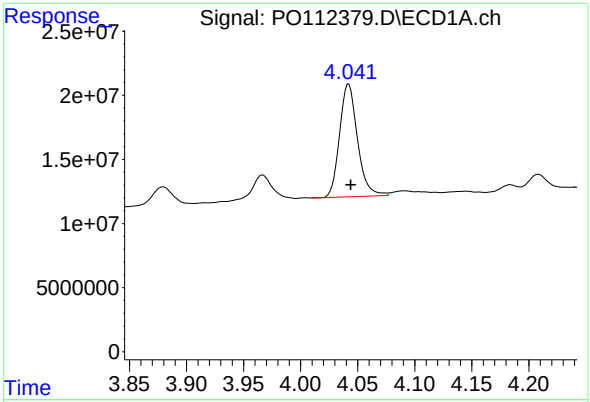
#10 AR-1221-3

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 96084120
Conc: 356.42 ng/ml



#10 AR-1221-3

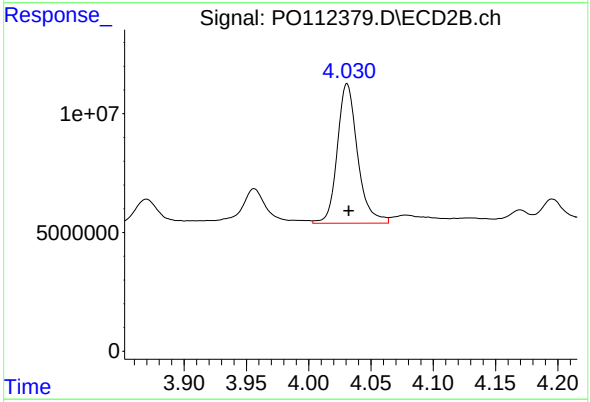
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 66663438
Conc: 353.13 ng/ml



#11 AR-1232-1

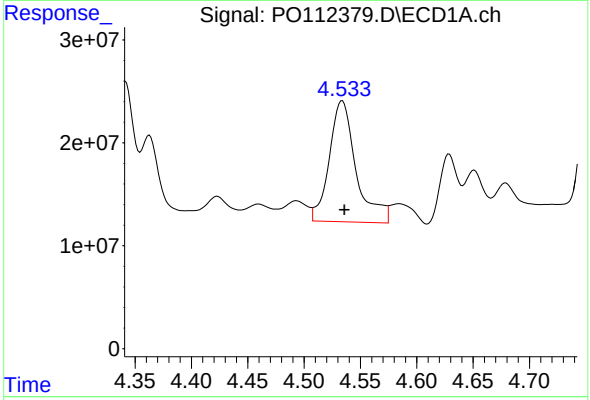
R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 96084120
Conc: 447.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



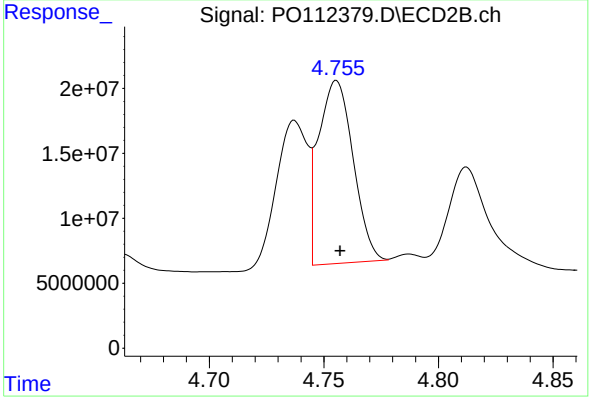
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 66663438
Conc: 444.13 ng/ml



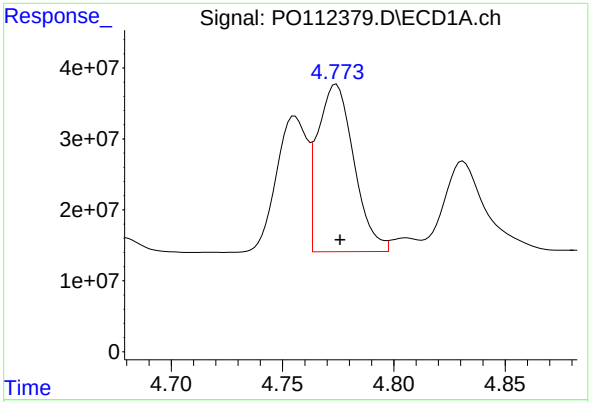
#12 AR-1232-2

R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 194342968
Conc: 1710.21 ng/ml



#12 AR-1232-2

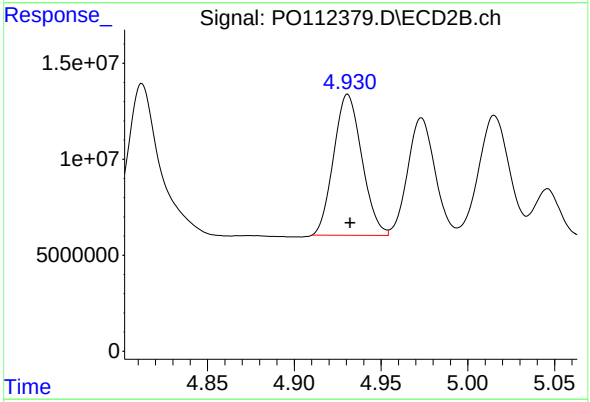
R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 148561942
Conc: 970.45 ng/ml



#13 AR-1232-3

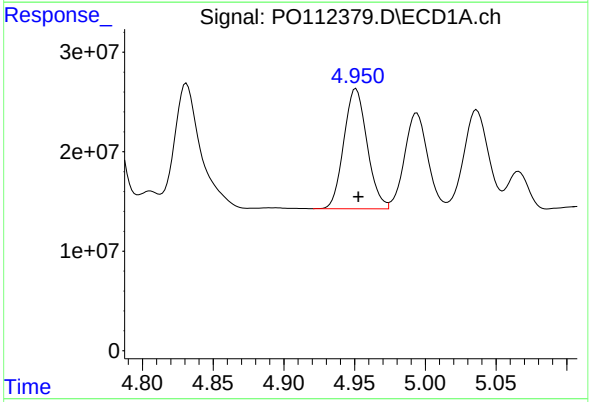
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 268018035
Conc: 1170.34 ng/m

Instrument :
ECD_O
ClientSampleId :
WC-1MS



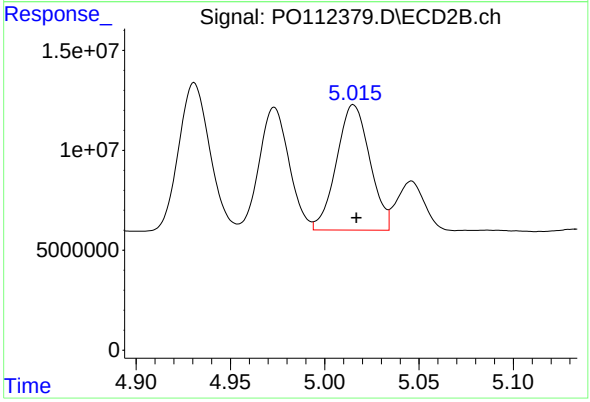
#13 AR-1232-3

R.T.: 4.931 min
Delta R.T.: -0.001 min
Response: 83217716
Conc: 1102.13 ng/ml



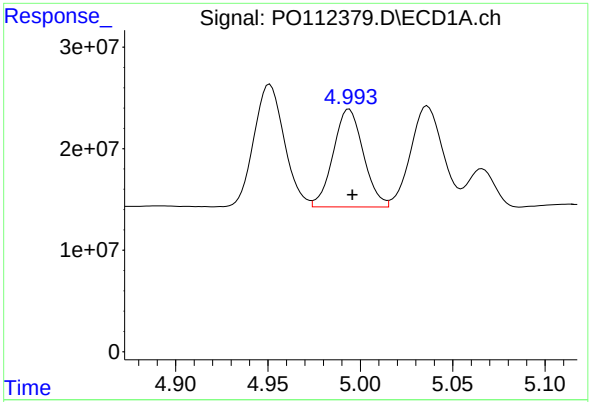
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 138262063
Conc: 1209.68 ng/ml



#14 AR-1232-4

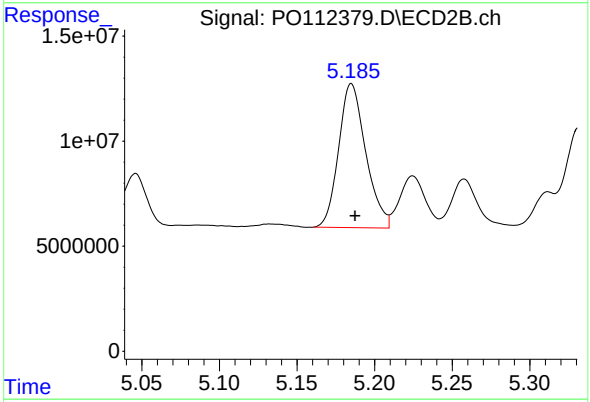
R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 77283307
Conc: 1171.17 ng/ml



#15 AR-1232-5

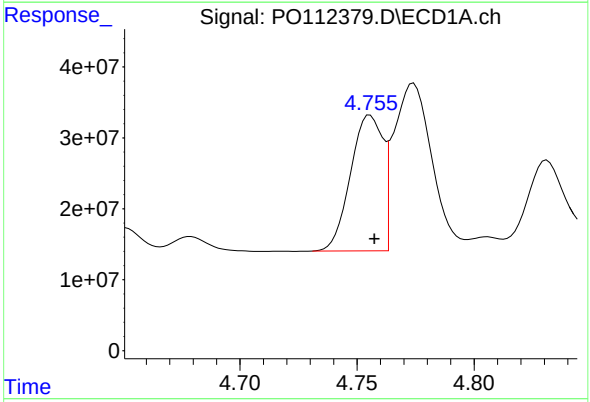
R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 109725906
Conc: 1494.90 ng/m

Instrument :
ECD_O
ClientSampleId :
WC-1MS



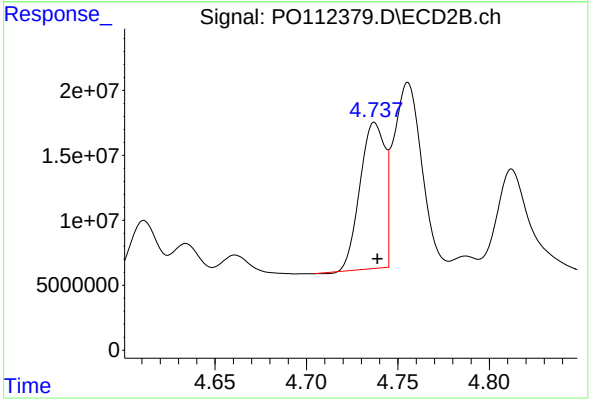
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 83435096
Conc: 1123.55 ng/ml



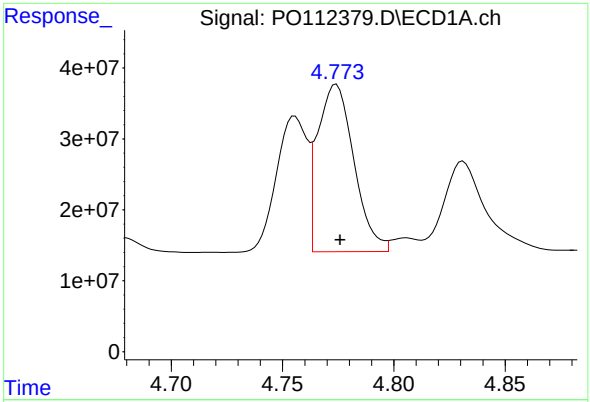
#16 AR-1242-1

R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 184118312
Conc: 635.69 ng/ml



#16 AR-1242-1

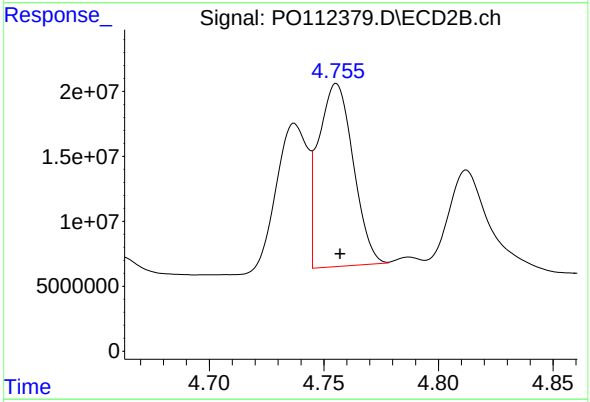
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 106248548
Conc: 548.07 ng/ml



#17 AR-1242-2

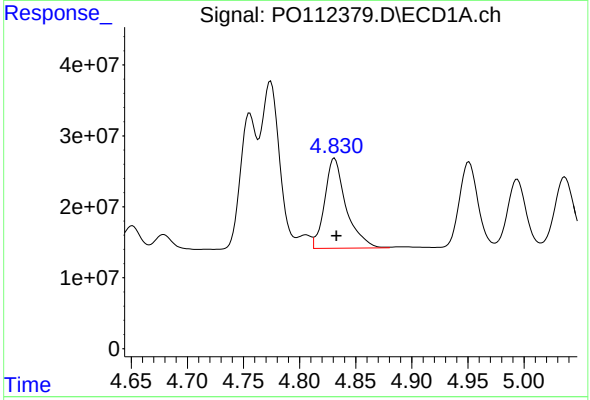
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 268018035
Conc: 629.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



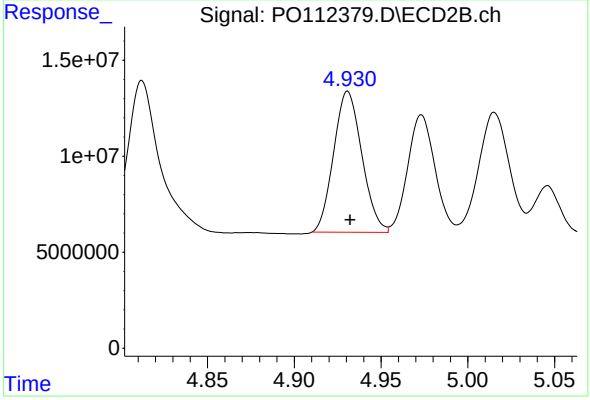
#17 AR-1242-2

R.T.: 4.755 min
Delta R.T.: -0.002 min
Response: 148561942
Conc: 524.30 ng/ml



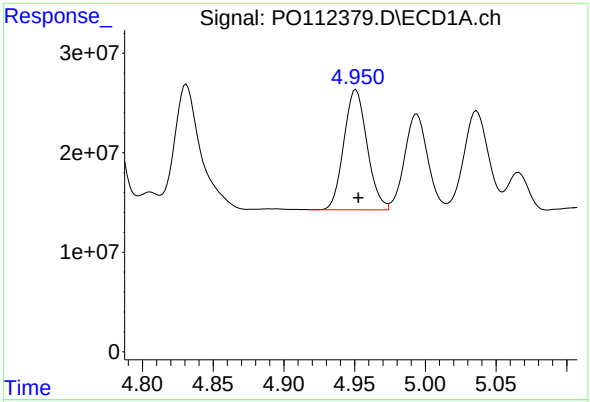
#18 AR-1242-3

R.T.: 4.831 min
Delta R.T.: -0.002 min
Response: 168401187
Conc: 615.31 ng/ml



#18 AR-1242-3

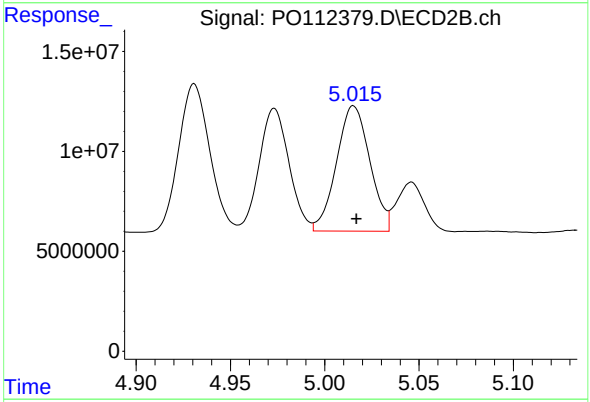
R.T.: 4.931 min
Delta R.T.: -0.001 min
Response: 83217716
Conc: 571.25 ng/ml



#19 AR-1242-4

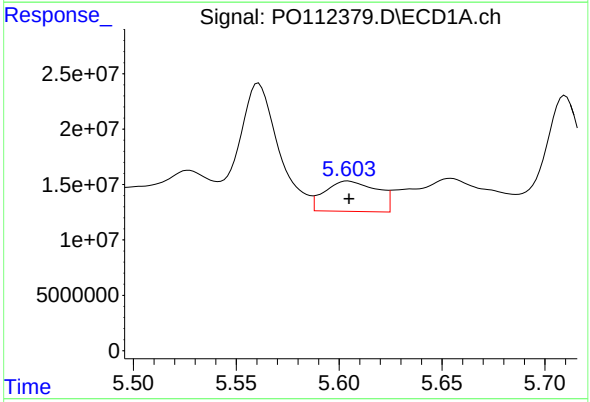
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 138262063
Conc: 613.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



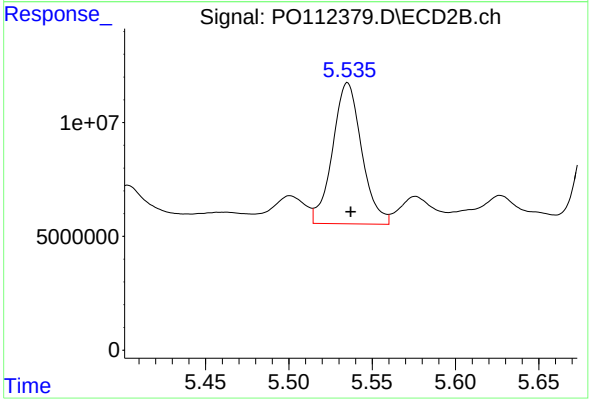
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 77283307
Conc: 544.86 ng/ml



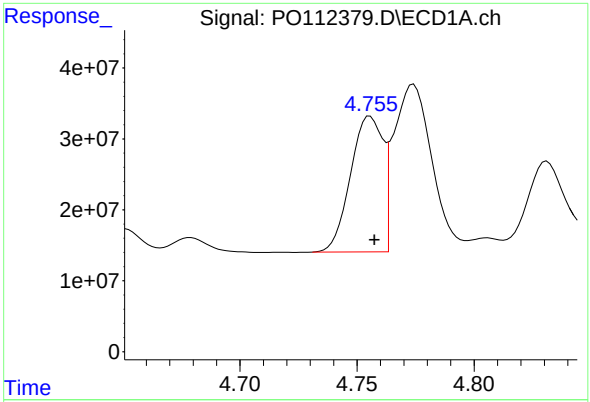
#20 AR-1242-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 48470023
Conc: 228.99 ng/ml



#20 AR-1242-5

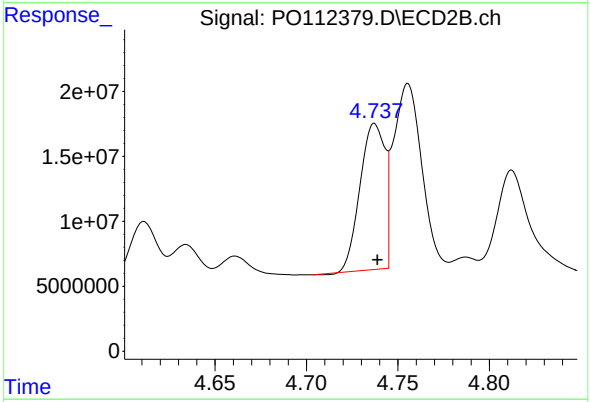
R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 75364705
Conc: 414.70 ng/ml



#21 AR-1248-1

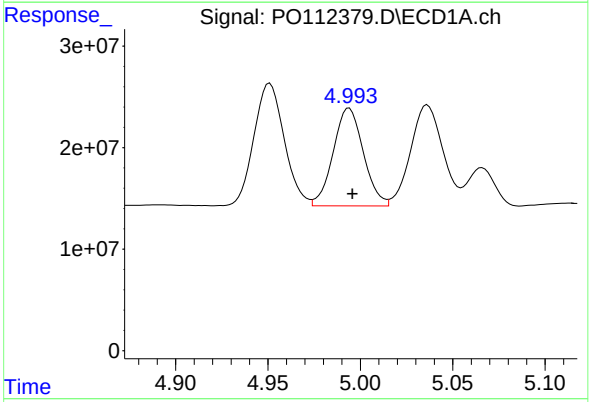
R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 184118312
Conc: 811.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



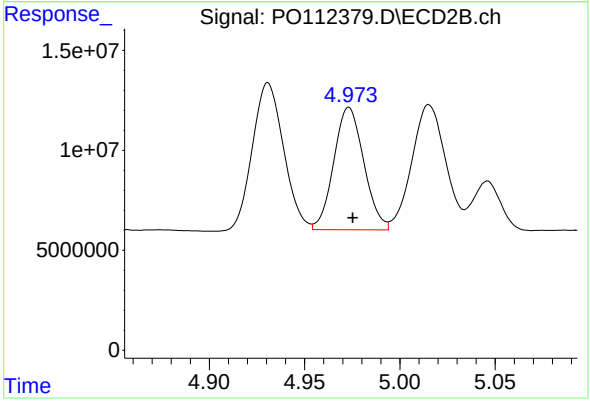
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 106248548
Conc: 688.28 ng/ml



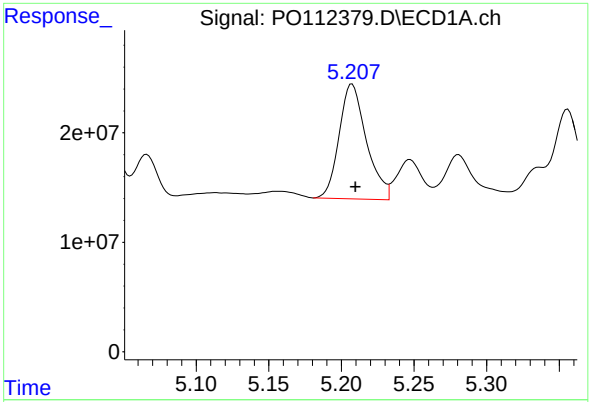
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: -0.002 min
Response: 109725906
Conc: 355.88 ng/ml



#22 AR-1248-2

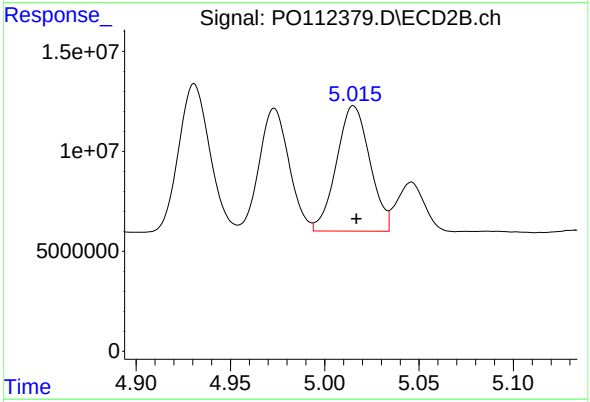
R.T.: 4.973 min
Delta R.T.: -0.002 min
Response: 67380854
Conc: 327.46 ng/ml



#23 AR-1248-3

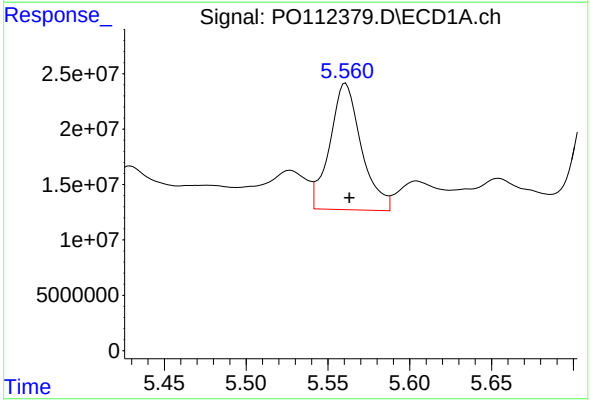
R.T.: 5.207 min
Delta R.T.: -0.002 min
Response: 137445549
Conc: 337.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



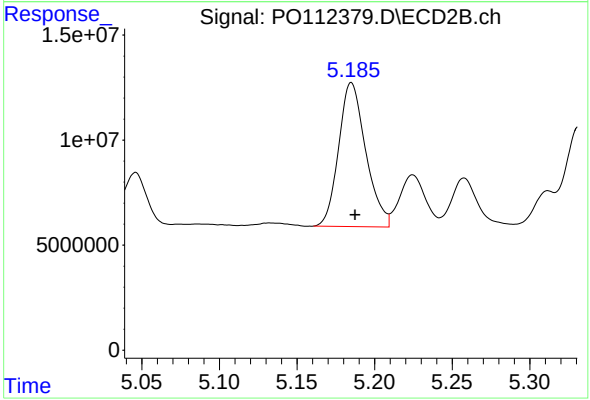
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: -0.002 min
Response: 77283307
Conc: 359.79 ng/ml



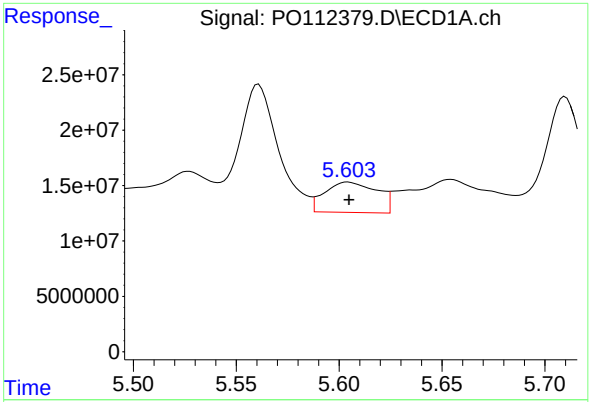
#24 AR-1248-4

R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 153411560
Conc: 265.81 ng/ml



#24 AR-1248-4

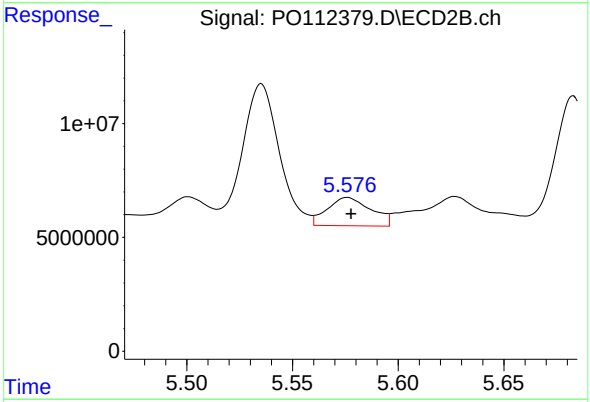
R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 83435096
Conc: 322.48 ng/ml



#25 AR-1248-5

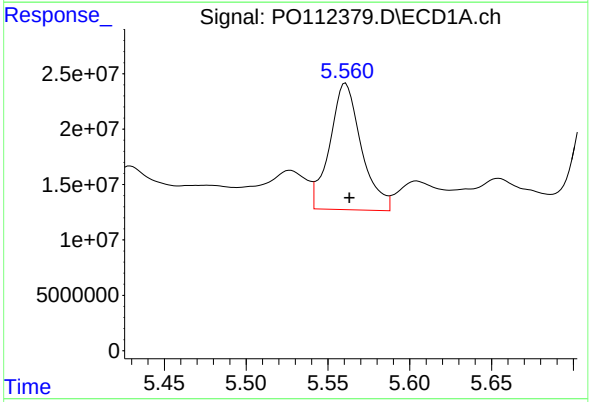
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 48470023
Conc: 124.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



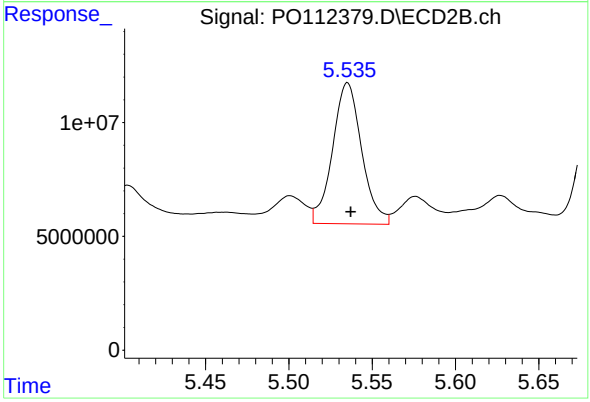
#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: -0.002 min
Response: 17868301
Conc: 71.32 ng/ml



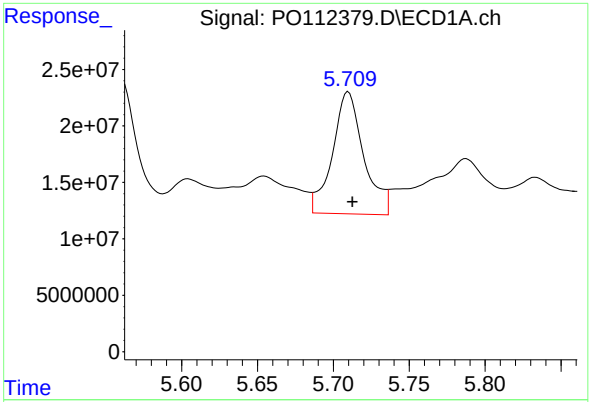
#26 AR-1254-1

R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 153411560
Conc: 249.40 ng/ml



#26 AR-1254-1

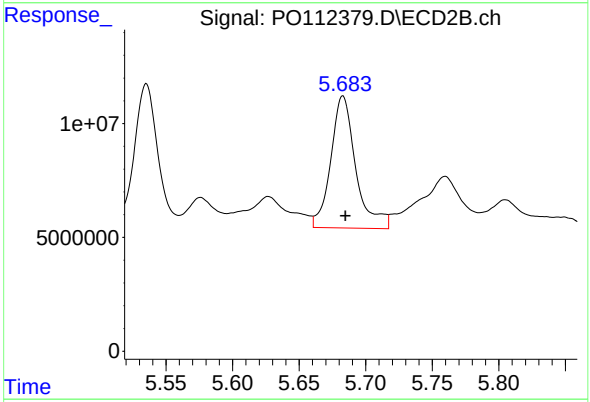
R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 75364705
Conc: 197.72 ng/ml



#27 AR-1254-2

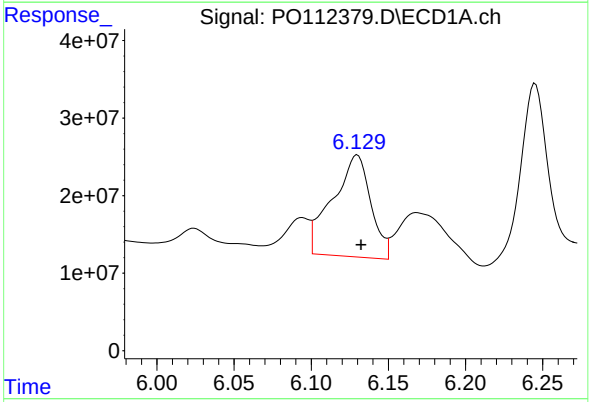
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 155169582
Conc: 289.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



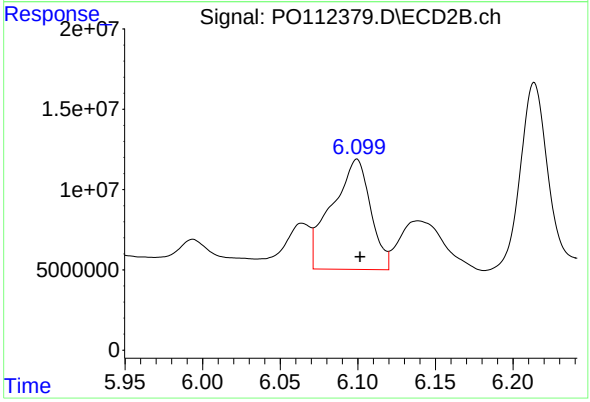
#27 AR-1254-2

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 75867859
Conc: 228.65 ng/ml



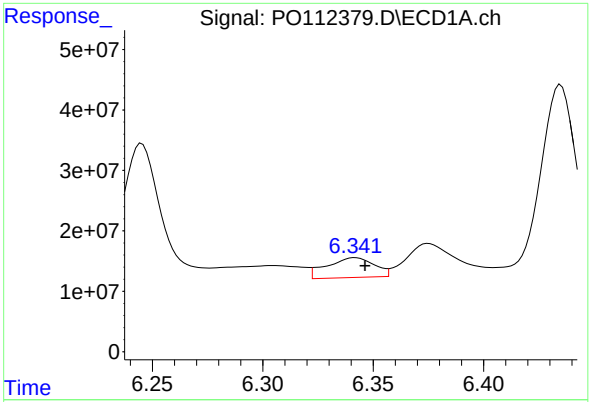
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: -0.002 min
Response: 226337432
Conc: 269.58 ng/ml



#28 AR-1254-3

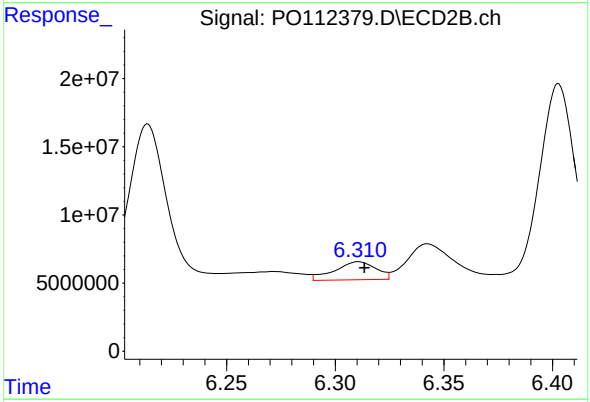
R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 119413255
Conc: 247.72 ng/ml



#29 AR-1254-4

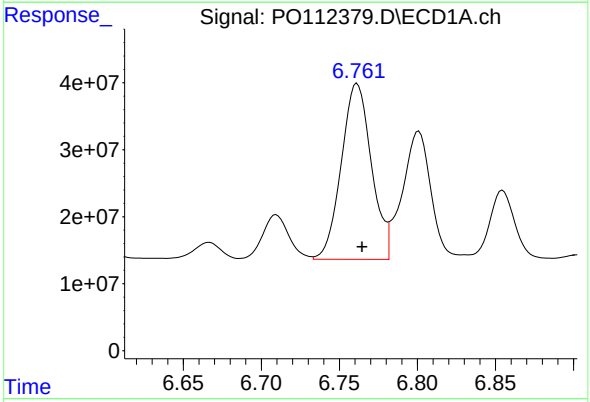
R.T.: 6.342 min
Delta R.T.: -0.004 min
Response: 49084102
Conc: 102.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



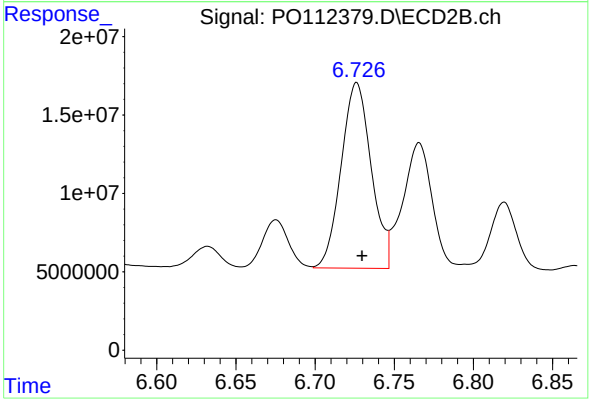
#29 AR-1254-4

R.T.: 6.311 min
Delta R.T.: -0.003 min
Response: 17484709
Conc: 67.07 ng/ml



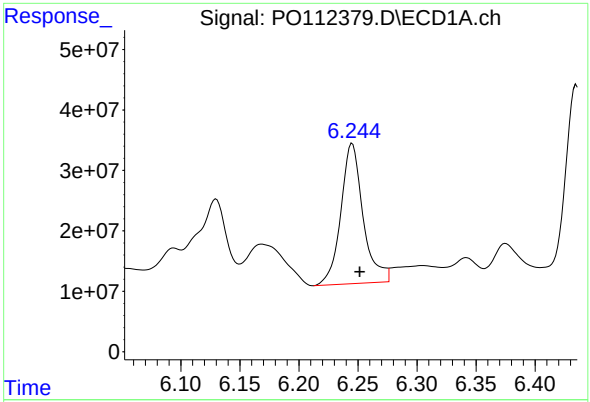
#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 352266475
Conc: 455.16 ng/ml



#30 AR-1254-5

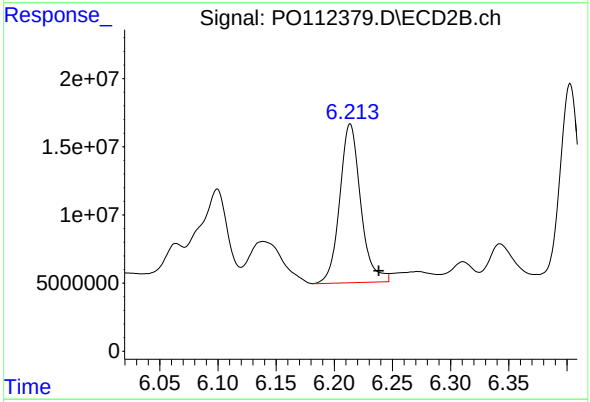
R.T.: 6.726 min
Delta R.T.: -0.003 min
Response: 156596422
Conc: 439.44 ng/ml



#31 AR-1260-1

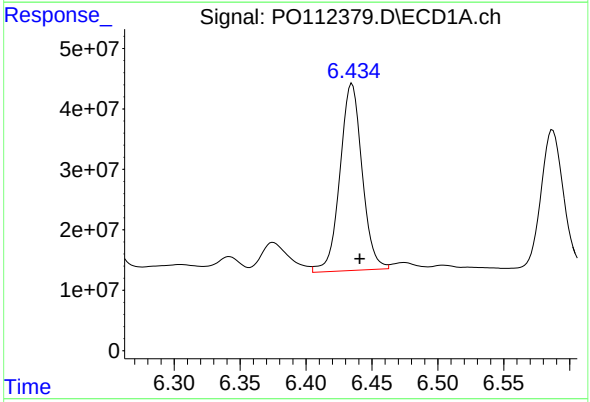
R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 304269996
Conc: 607.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



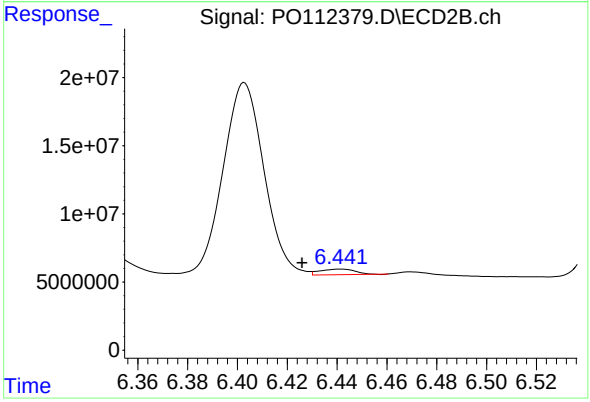
#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: -0.025 min
Response: 146103372
Conc: 520.75 ng/ml



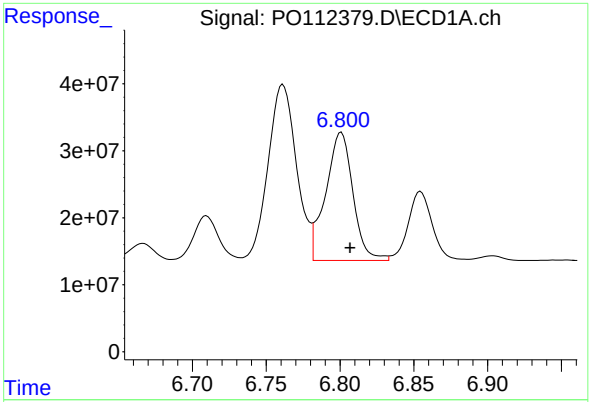
#32 AR-1260-2

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 361737937
Conc: 490.07 ng/ml



#32 AR-1260-2

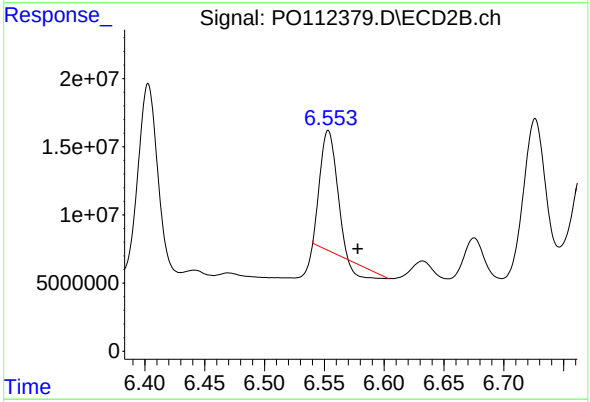
R.T.: 6.441 min
Delta R.T.: 0.015 min
Response: 3869382
Conc: 11.38 ng/ml



#33 AR-1260-3

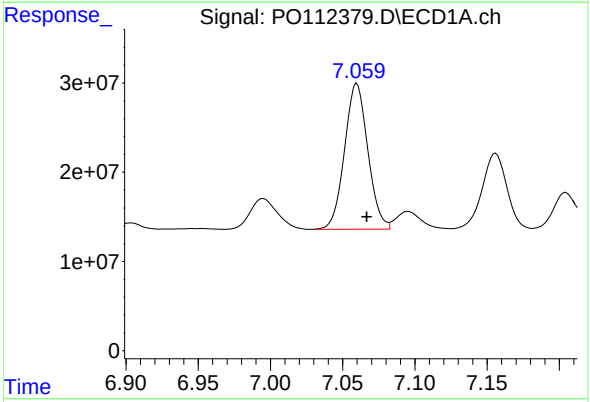
R.T.: 6.801 min
Delta R.T.: -0.006 min
Response: 245881251
Conc: 375.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



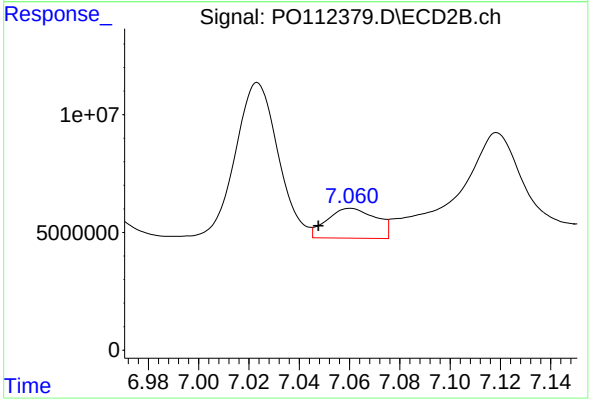
#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: -0.025 min
Response: 75681809
Conc: 274.62 ng/ml



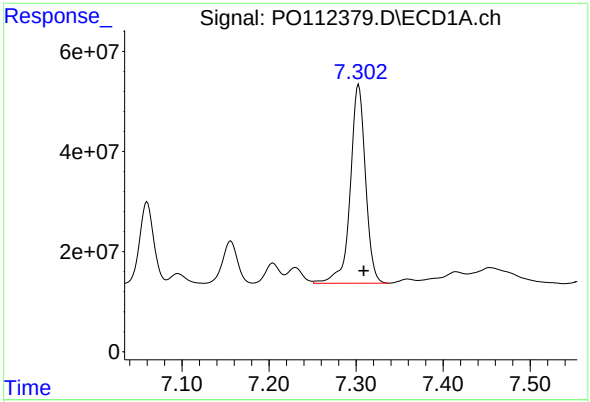
#34 AR-1260-4

R.T.: 7.060 min
Delta R.T.: -0.007 min
Response: 183017063
Conc: 420.49 ng/ml



#34 AR-1260-4

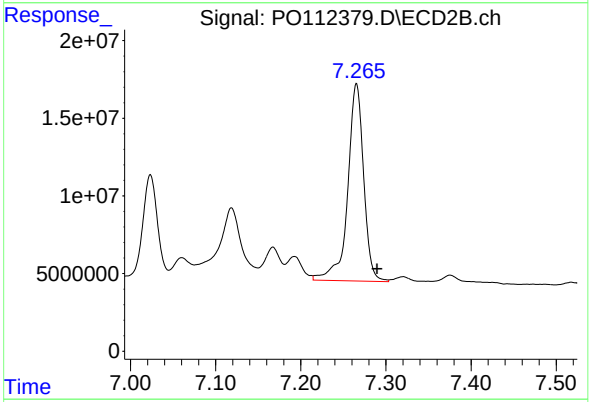
R.T.: 7.060 min
Delta R.T.: 0.013 min
Response: 17248638
Conc: 85.97 ng/ml



#35 AR-1260-5

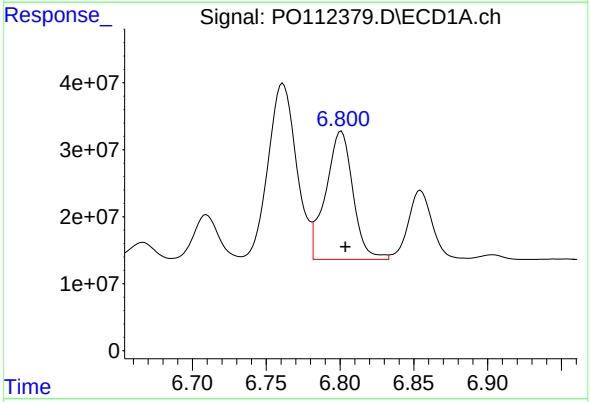
R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 481989701
Conc: 381.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



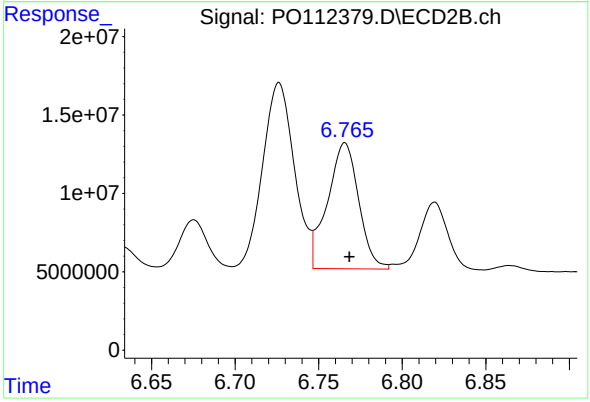
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.024 min
Response: 165670193
Conc: 370.02 ng/ml



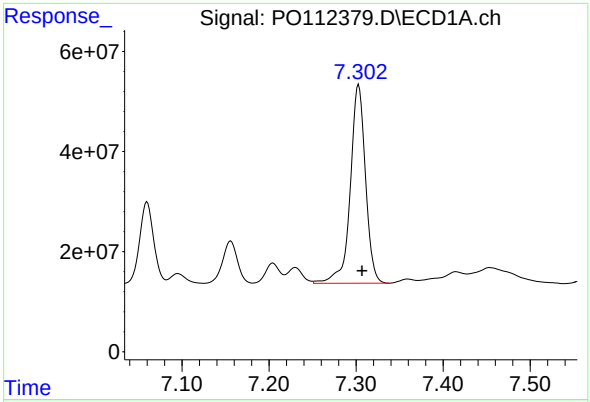
#36 AR-1262-1

R.T.: 6.801 min
Delta R.T.: -0.003 min
Response: 245881251
Conc: 240.66 ng/ml



#36 AR-1262-1

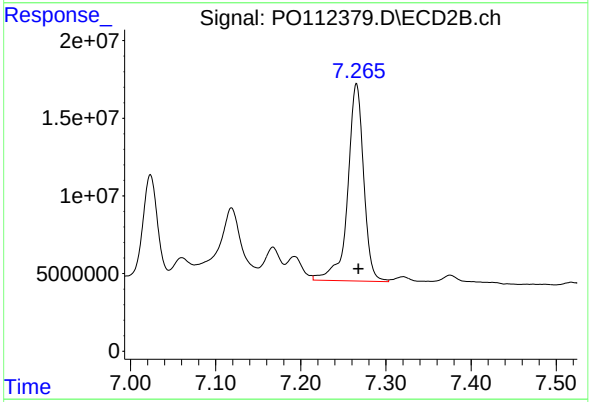
R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 104280014
Conc: 256.01 ng/ml



#37 AR-1262-2

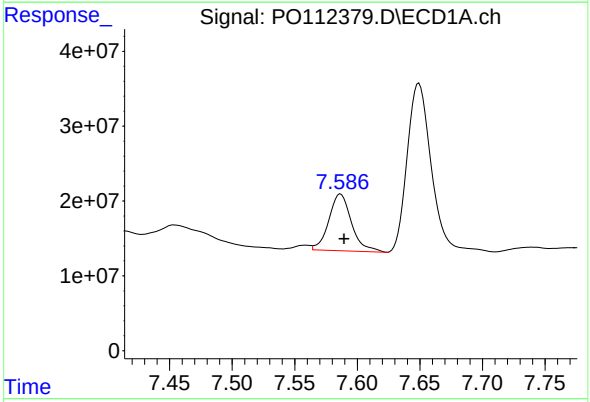
R.T.: 7.303 min
Delta R.T.: -0.004 min
Response: 481989701
Conc: 294.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



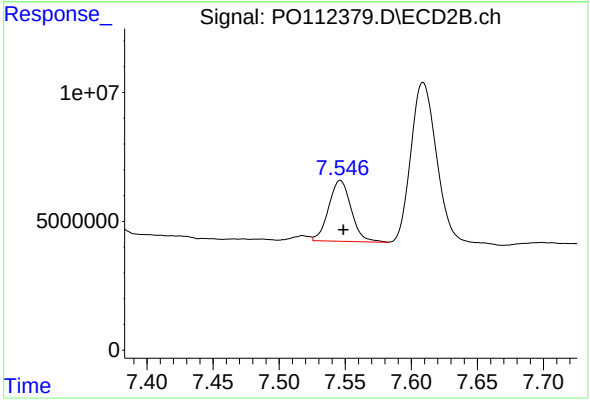
#37 AR-1262-2

R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 165670193
Conc: 323.23 ng/ml



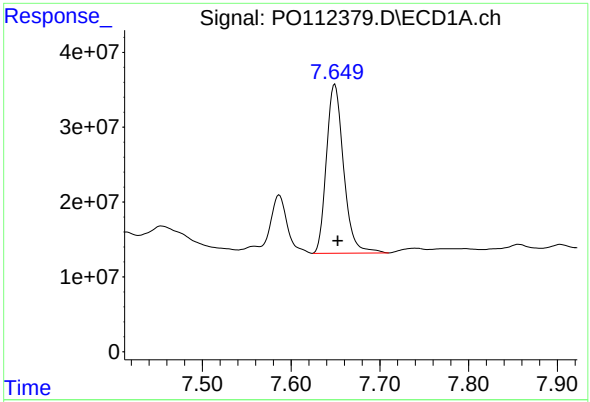
#38 AR-1262-3

R.T.: 7.587 min
Delta R.T.: -0.003 min
Response: 95870423
Conc: 149.34 ng/ml



#38 AR-1262-3

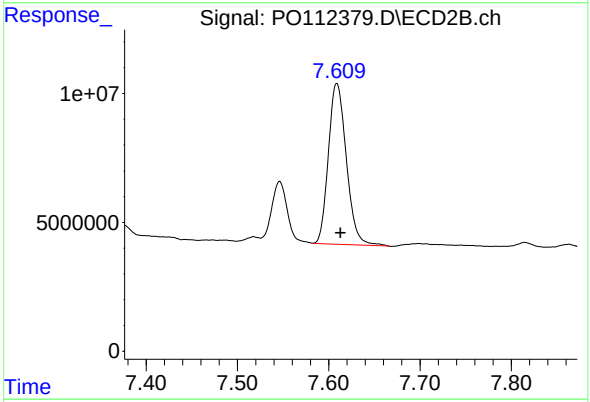
R.T.: 7.546 min
Delta R.T.: -0.002 min
Response: 28096370
Conc: 156.50 ng/ml



#39 AR-1262-4

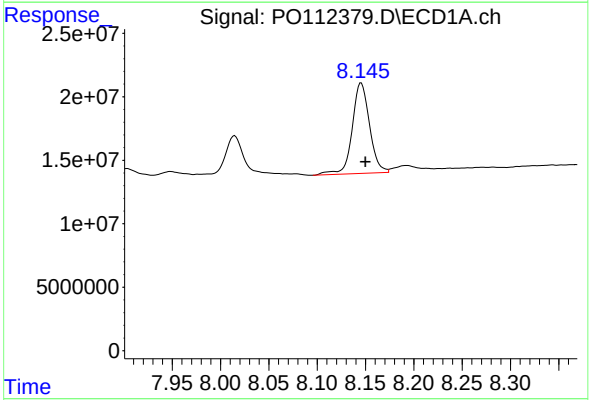
R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 303495953
Conc: 283.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



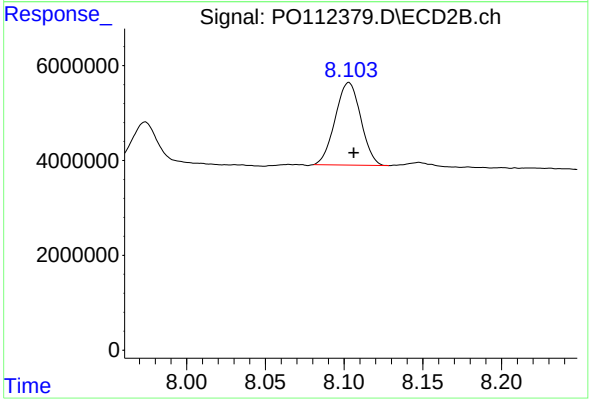
#39 AR-1262-4

R.T.: 7.609 min
Delta R.T.: -0.004 min
Response: 85457274
Conc: 293.75 ng/ml



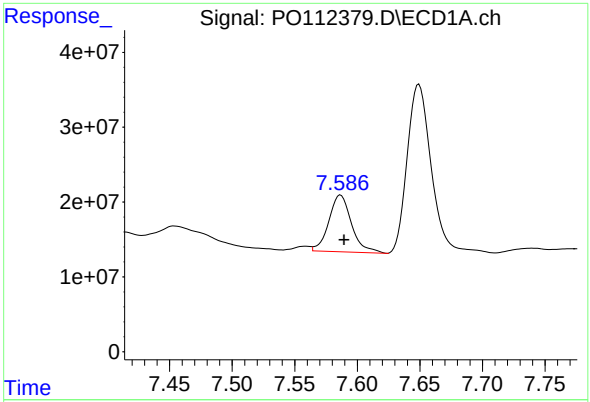
#40 AR-1262-5

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 88931774
Conc: 198.45 ng/ml



#40 AR-1262-5

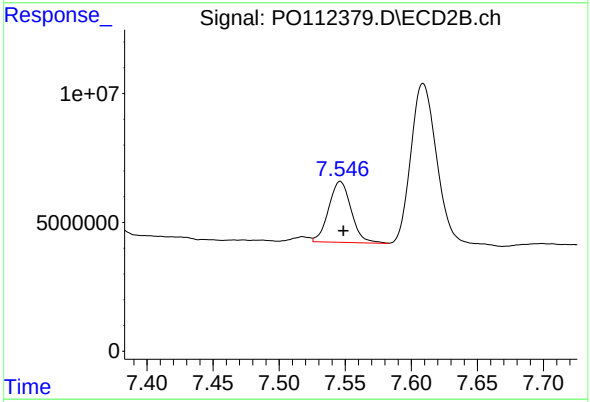
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 19733764
Conc: 186.55 ng/ml



#41 AR-1268-1

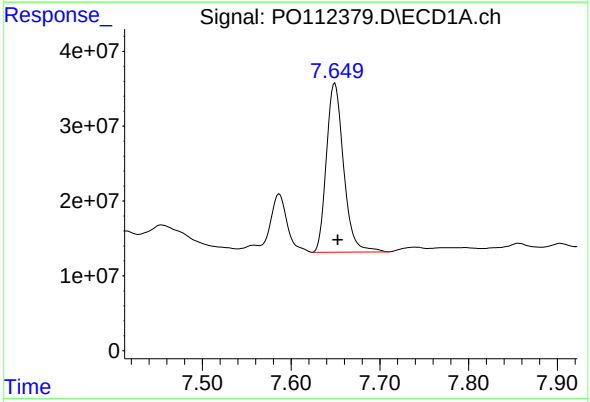
R.T.: 7.587 min
Delta R.T.: -0.003 min
Response: 95870423
Conc: 52.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



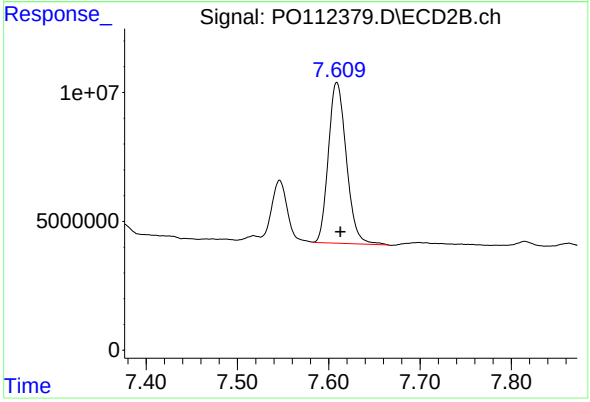
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.002 min
Response: 28096370
Conc: 57.17 ng/ml



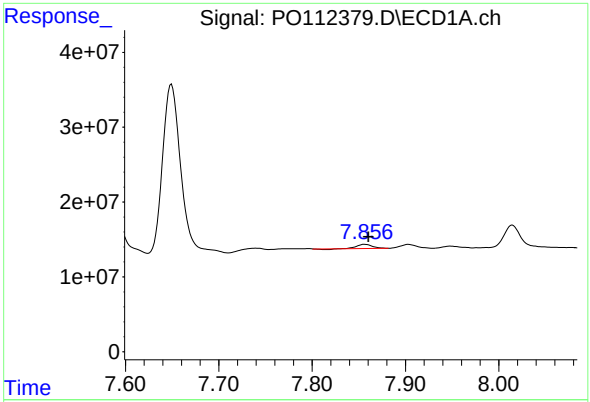
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 303495953
Conc: 194.85 ng/ml



#42 AR-1268-2

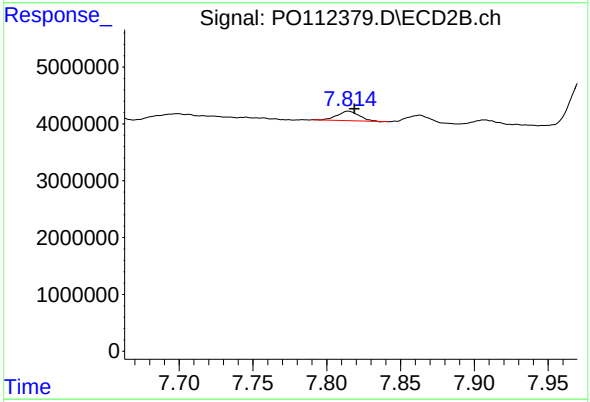
R.T.: 7.609 min
Delta R.T.: -0.004 min
Response: 85457274
Conc: 204.84 ng/ml



#43 AR-1268-3

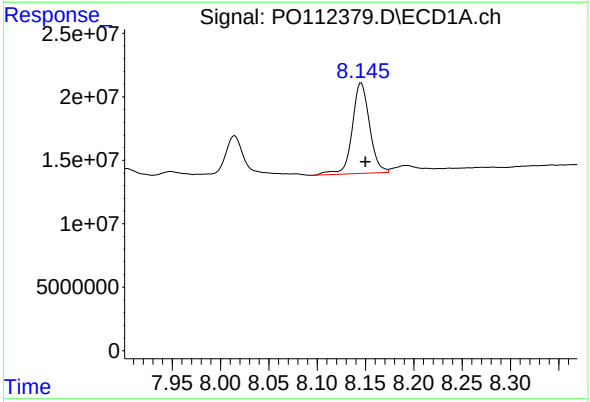
R.T.: 7.856 min
Delta R.T.: -0.004 min
Response: 5708847
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



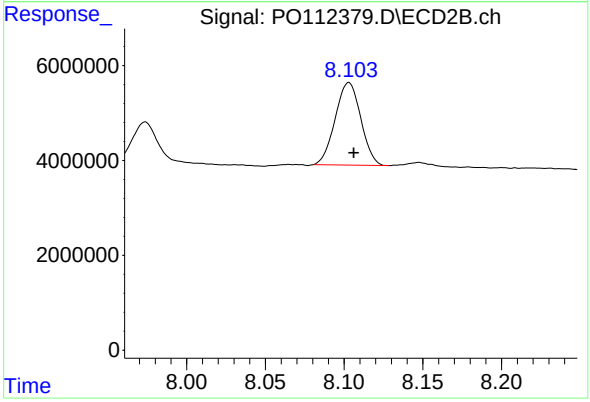
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 1705891
Conc: 5.39 ng/ml



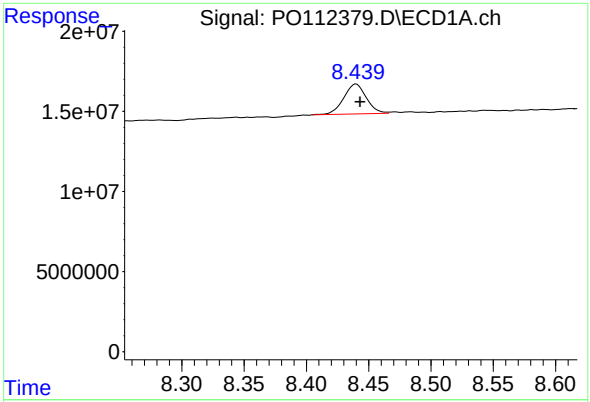
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 88931774
Conc: 185.12 ng/ml



#44 AR-1268-4

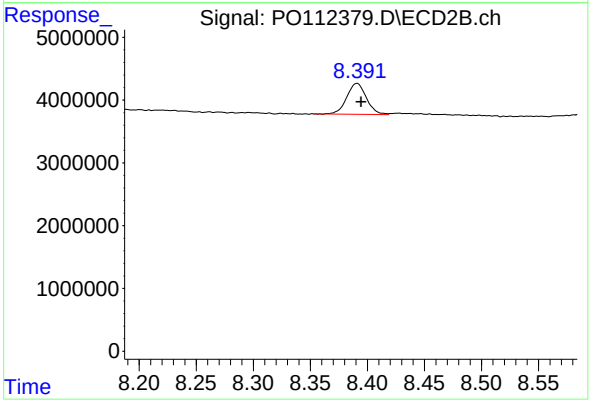
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 19733764
Conc: 176.97 ng/ml



#45 AR-1268-5

R.T.: 8.440 min
Delta R.T.: -0.003 min
Response: 23614280
Conc: 7.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MS



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.003 min
Response: 5848301
Conc: 8.05 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 15:07
Operator : YP/AJ
Sample : Q2649-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.669	3.700	193.4E6	5887342	19.549	0.924	#
2)	SA Decachlor...	8.695	8.641	121.5E6	29932312	17.766	17.368	
	Target Compounds							
3)	L1 AR-1016-1	4.756	4.756	152.9E6	121.7E6	449.585	546.049	
4)	L1 AR-1016-2	4.774	4.787	218.5E6	1540910	439.413	4.682	#
5)	L1 AR-1016-3	4.832	4.974	137.1E6	54741141	423.455	322.259	
6)	L1 AR-1016-4	4.951	5.015	112.9E6	63908558	439.555	465.712	
7)	L1 AR-1016-5	5.208	5.225	118.0E6	25766229	431.365	149.412	#
8)	L2 AR-1221-1	3.881	3.871	15040096	10928251	128.973	132.794	
9)	L2 AR-1221-2	3.967	3.957	19194498	17560236	243.460	295.858	
10)	L2 AR-1221-3	4.043	4.031	78300080	53956172	290.450	285.820	
11)	L3 AR-1232-1	4.043	4.031	78300080	53956172	364.750	359.470	
12)	L3 AR-1232-2	4.535	4.756	165.0E6	121.7E6	1451.936	794.839	#
13)	L3 AR-1232-3	4.774	4.931	218.5E6	67791299	954.183	897.826	
14)	L3 AR-1232-4	4.951	5.015	112.9E6	63908558	987.583	968.485	
15)	L3 AR-1232-5	4.994	5.185	89675023	70478809	1221.727	949.083	
16)	L4 AR-1242-1	4.756	4.738	152.9E6	85838847	527.952	442.792	
17)	L4 AR-1242-2	4.774	4.756	218.5E6	121.7E6	513.046	429.425	
18)	L4 AR-1242-3	4.832	4.931	137.1E6	67791299	500.861	465.353	
19)	L4 AR-1242-4	4.951	5.015	112.9E6	63908558	500.969	450.566	
20)	L4 AR-1242-5	5.605	5.536	44280257	64125838	209.194	352.855	#
21)	L5 AR-1248-1	4.756	4.738	152.9E6	85838847	673.929	556.066	
22)	L5 AR-1248-2	4.994	4.974	89675023	54741141	290.845	266.034	
23)	L5 AR-1248-3	5.208	5.015	118.0E6	63908558	289.817	297.528	
24)	L5 AR-1248-4	5.562	5.185	126.8E6	70478809	219.687	272.406	
25)	L5 AR-1248-5	5.605	5.577	44280257	17462331	113.451	69.696	#
26)	L6 AR-1254-1	5.562	5.536	126.8E6	64125838	206.127	168.235	
27)	L6 AR-1254-2	5.711	5.684	139.2E6	66653502	259.816	200.878	
28)	L6 AR-1254-3	6.130	6.099	200.8E6	106.5E6	239.175	220.948	
29)	L6 AR-1254-4	6.336	6.307	38633262	8629586	80.316	33.102	#
30)	L6 AR-1254-5	6.761	6.727	323.2E6	143.4E6	417.618	402.534	
31)	L7 AR-1260-1	6.245	6.214	281.0E6	133.9E6	560.628	477.401	
32)	L7 AR-1260-2	6.435	6.441	330.2E6	3584026	447.376	10.541	#
33)	L7 AR-1260-3	6.800	6.554	223.7E6	68832848	341.288	249.769	#
34)	L7 AR-1260-4	7.060	7.059	173.9E6	9712272	399.568	48.405	#
35)	L7 AR-1260-5	7.303	7.265	465.6E6	156.5E6	368.767	349.463	
36)	L8 AR-1262-1	6.800	6.765	223.7E6	93922095	218.959	230.585	
37)	L8 AR-1262-2	7.303	7.265	465.6E6	156.5E6	284.000	305.268	
38)	L8 AR-1262-3	7.586	7.546	99271185	27934642	154.634	155.604	
39)	L8 AR-1262-4	7.649	7.609	293.0E6	83795979	273.427	288.038	
40)	L8 AR-1262-5	8.146	8.103	84723611	19633568	189.056	185.601	
41)	L9 AR-1268-1	7.586	7.546	99271185	27934642	54.026	56.841	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 15:07
Operator : YP/AJ
Sample : Q2649-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
WC-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	7.649	7.609	293.0E6	83795979	188.083	200.860
43)	L9 AR-1268-3	7.854	7.812	7542082	1079192	5.803	3.411 #
44)	L9 AR-1268-4	8.146	8.103	84723611	19633568	176.358	176.067
45)	L9 AR-1268-5	8.439	8.391	23915892	5660124	7.328	7.791

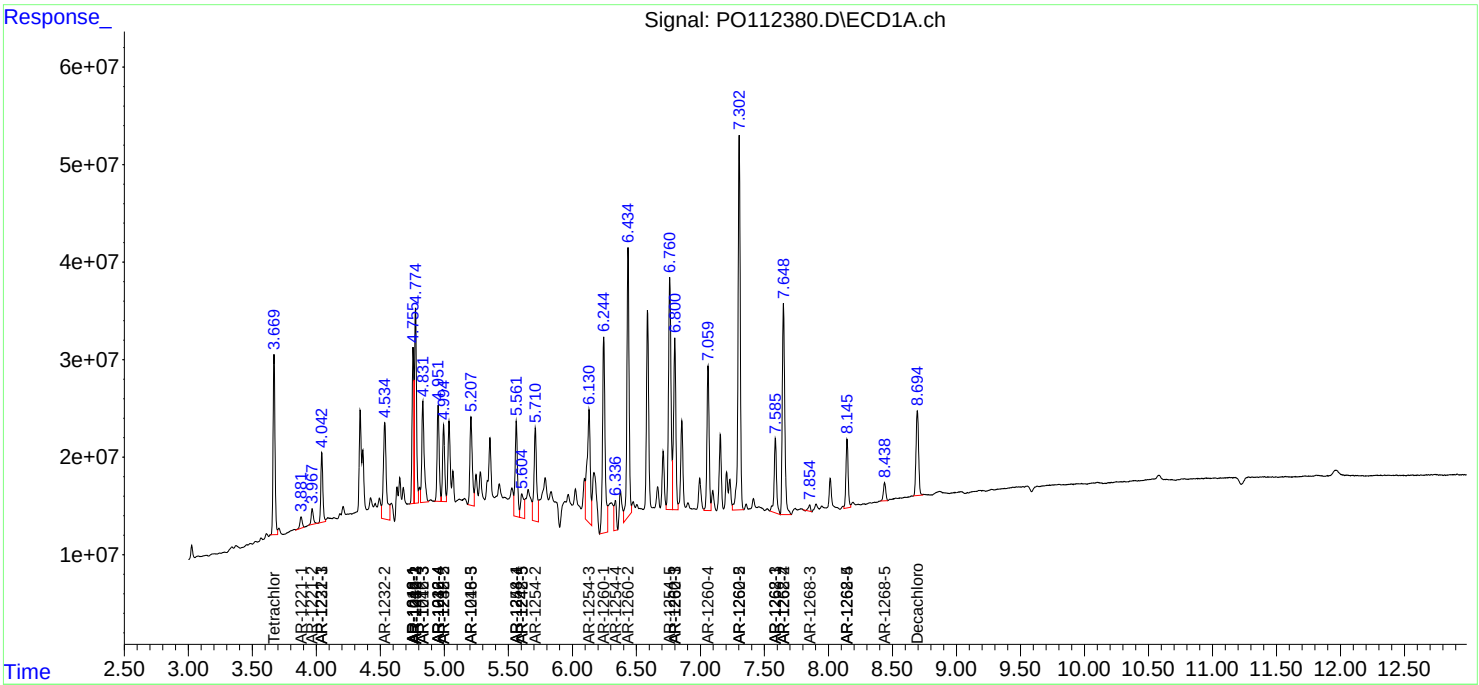
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

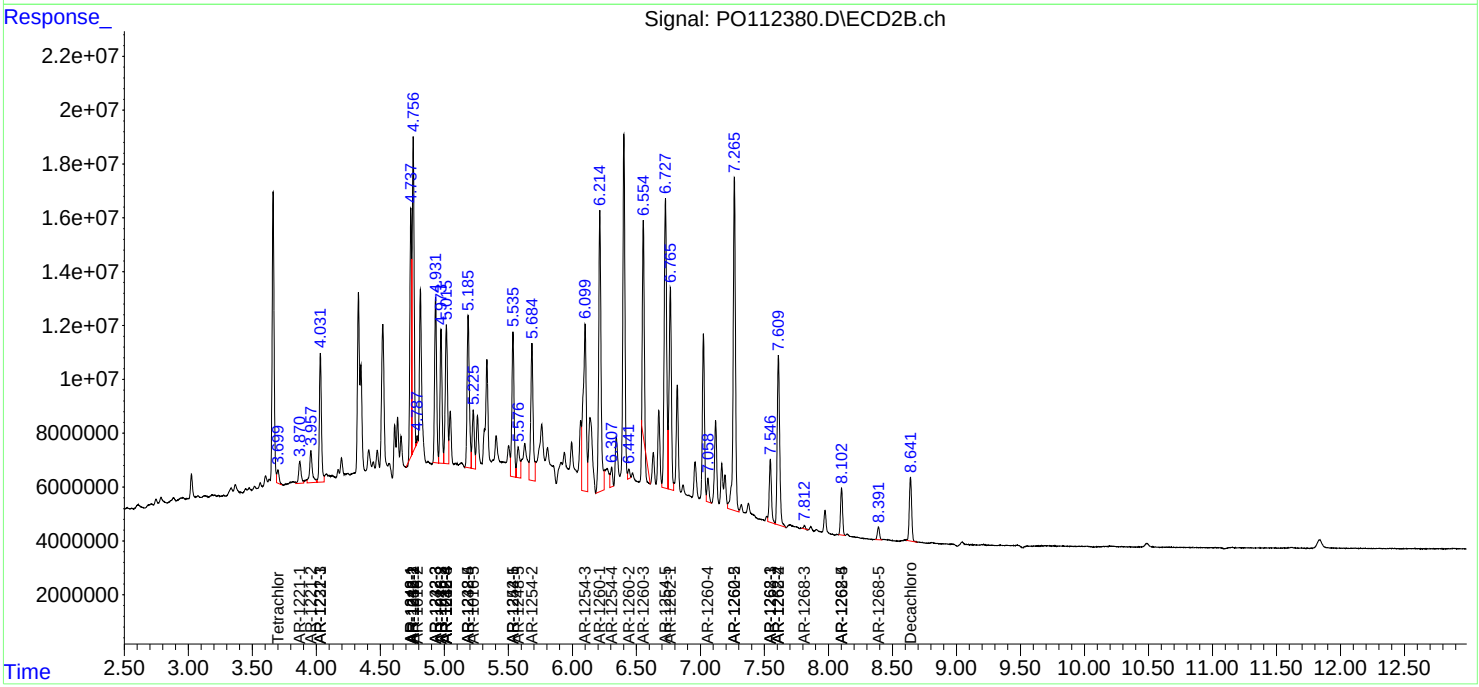
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112380.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 15:07
Operator : YP/AJ
Sample : Q2649-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

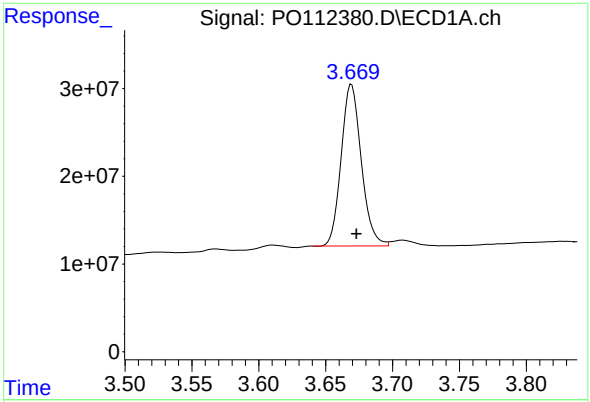
Instrument :
ECD_O
ClientSampleId :
WC-1MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:51:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



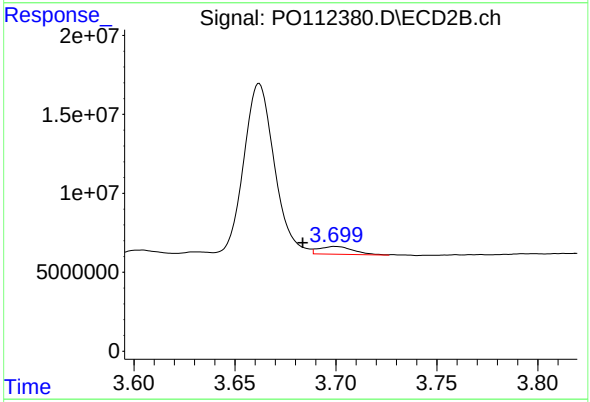




#1 Tetrachloro-m-xylene

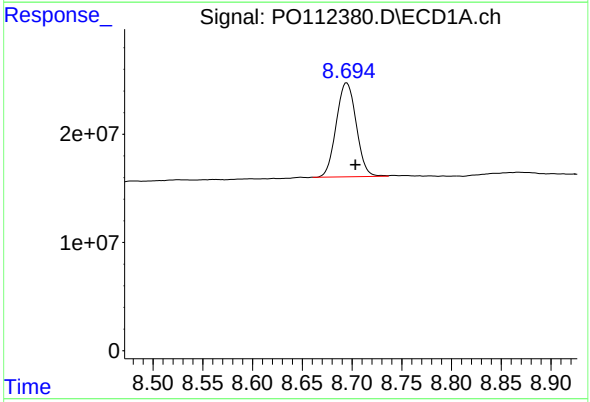
R.T.: 3.669 min
Delta R.T.: -0.004 min
Response: 193434687
Conc: 19.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



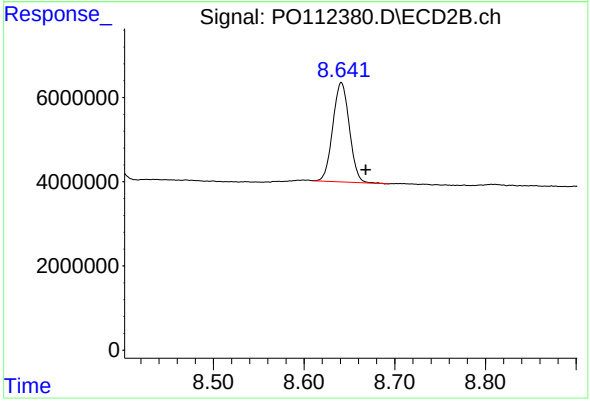
#1 Tetrachloro-m-xylene

R.T.: 3.700 min
Delta R.T.: 0.016 min
Response: 5887342
Conc: 0.92 ng/ml



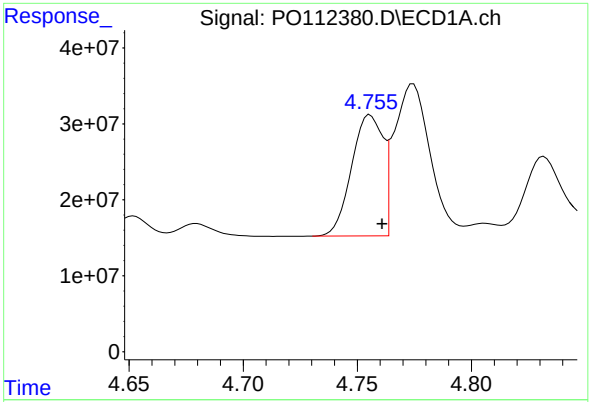
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.009 min
Response: 121466225
Conc: 17.77 ng/ml



#2 Decachlorobiphenyl

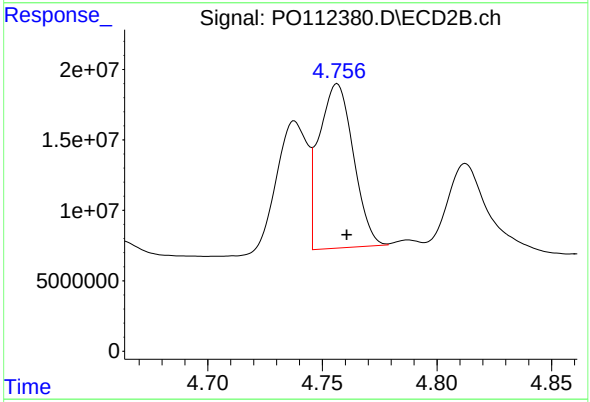
R.T.: 8.641 min
Delta R.T.: -0.027 min
Response: 29932312
Conc: 17.37 ng/ml



#3 AR-1016-1

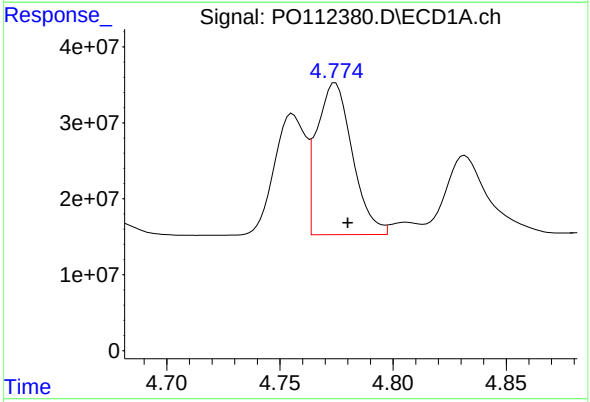
R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 152914141
Conc: 449.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



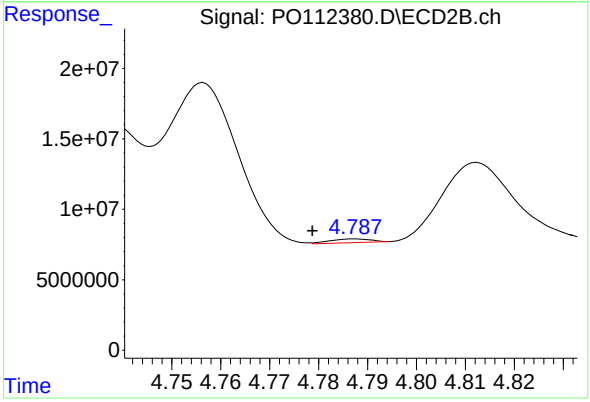
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.004 min
Response: 121678521
Conc: 546.05 ng/ml



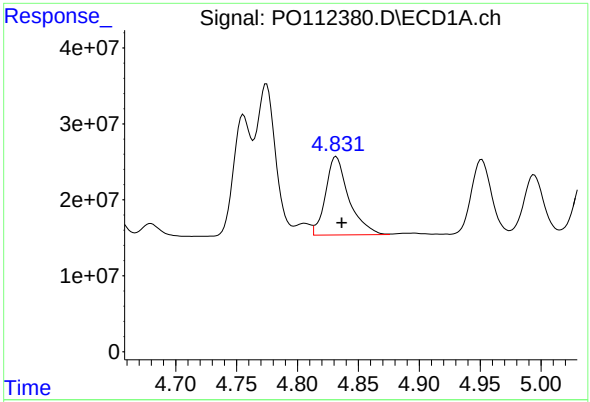
#4 AR-1016-2

R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 218516401
Conc: 439.41 ng/ml



#4 AR-1016-2

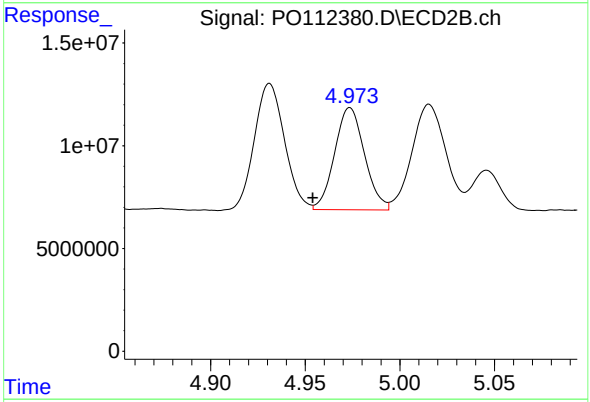
R.T.: 4.787 min
Delta R.T.: 0.009 min
Response: 1540910
Conc: 4.68 ng/ml



#5 AR-1016-3

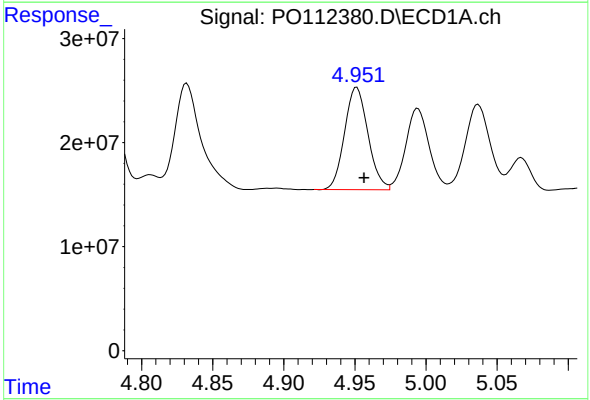
R.T.: 4.832 min
Delta R.T.: -0.005 min
Response: 137078446
Conc: 423.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



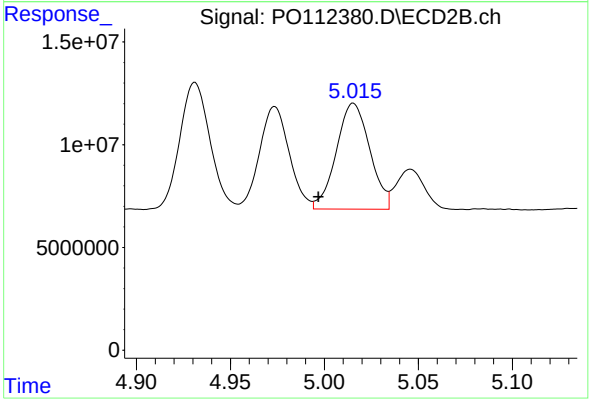
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: 0.020 min
Response: 54741141
Conc: 322.26 ng/ml



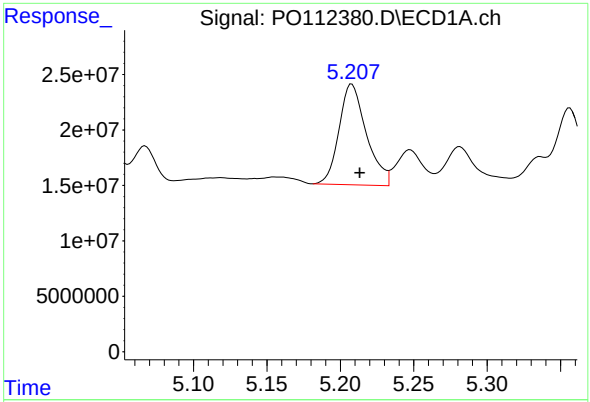
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 112877437
Conc: 439.55 ng/ml



#6 AR-1016-4

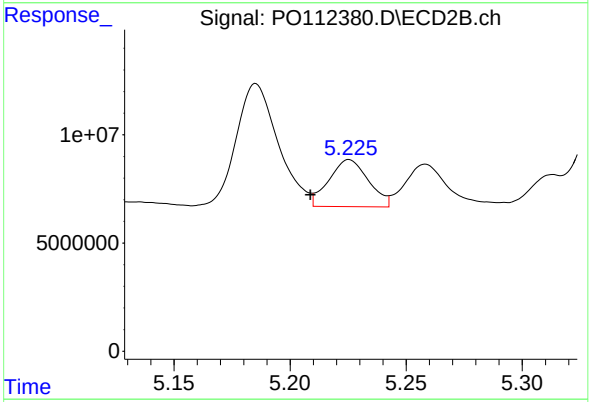
R.T.: 5.015 min
Delta R.T.: 0.018 min
Response: 63908558
Conc: 465.71 ng/ml



#7 AR-1016-5

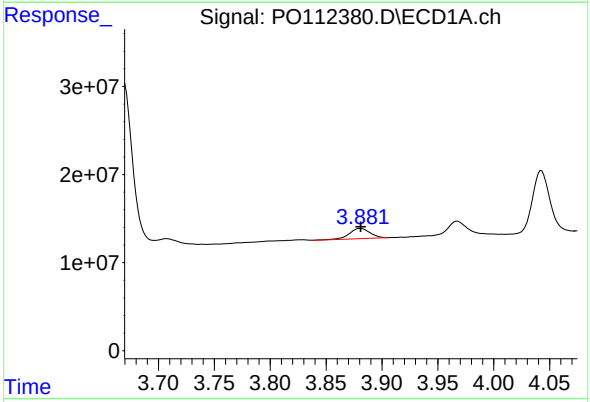
R.T.: 5.208 min
Delta R.T.: -0.005 min
Response: 118048144
Conc: 431.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



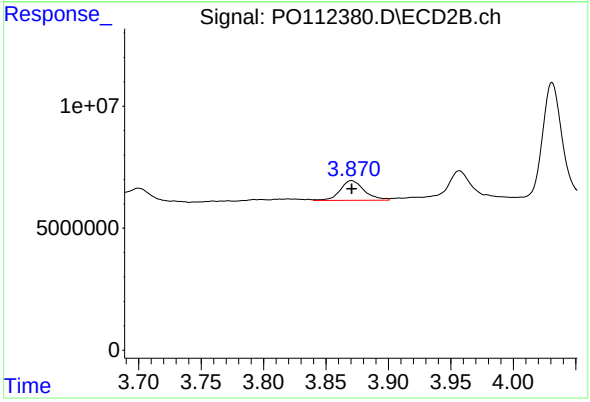
#7 AR-1016-5

R.T.: 5.225 min
Delta R.T.: 0.017 min
Response: 25766229
Conc: 149.41 ng/ml



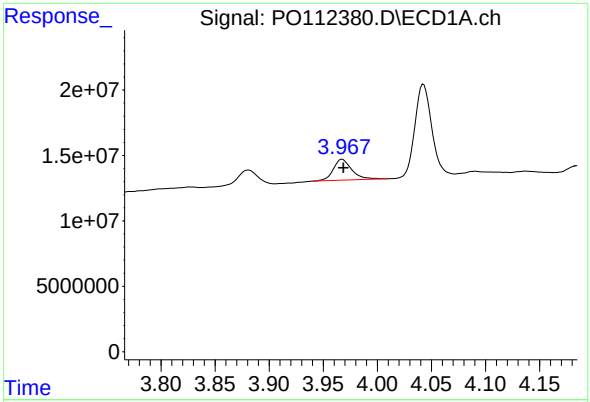
#8 AR-1221-1

R.T.: 3.881 min
Delta R.T.: 0.000 min
Response: 15040096
Conc: 128.97 ng/ml



#8 AR-1221-1

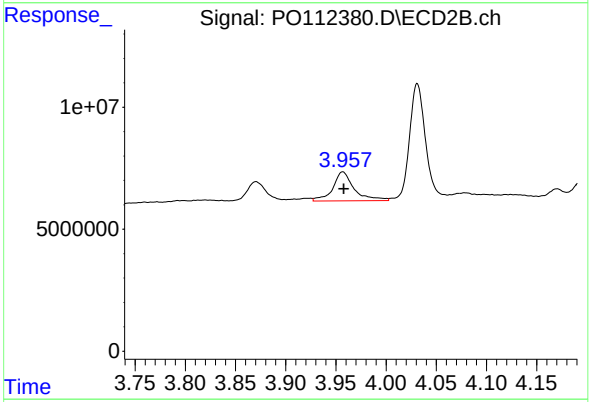
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 10928251
Conc: 132.79 ng/ml



#9 AR-1221-2

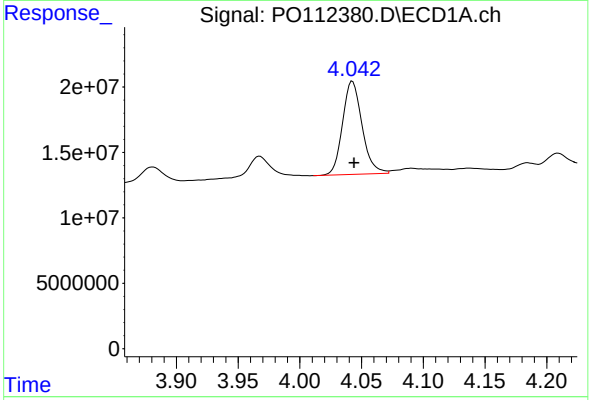
R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 19194498
Conc: 243.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



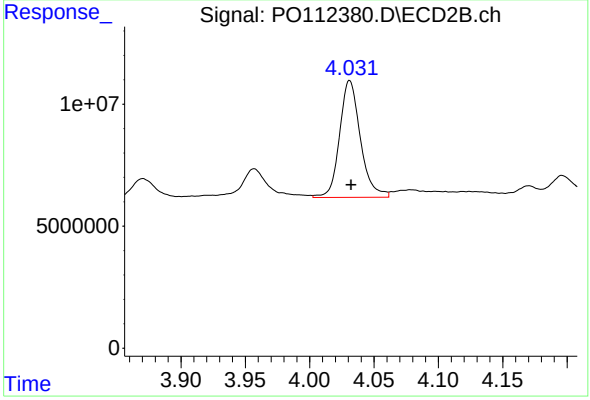
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 17560236
Conc: 295.86 ng/ml



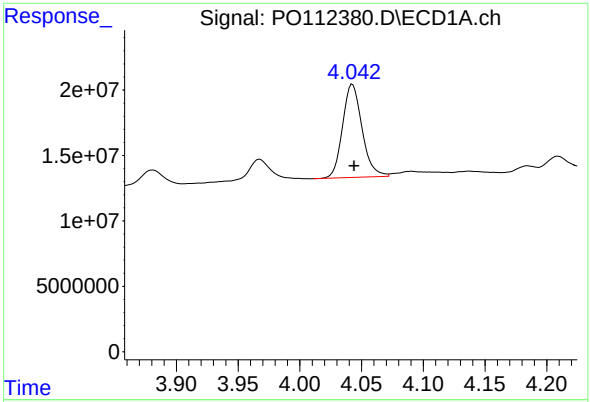
#10 AR-1221-3

R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 78300080
Conc: 290.45 ng/ml



#10 AR-1221-3

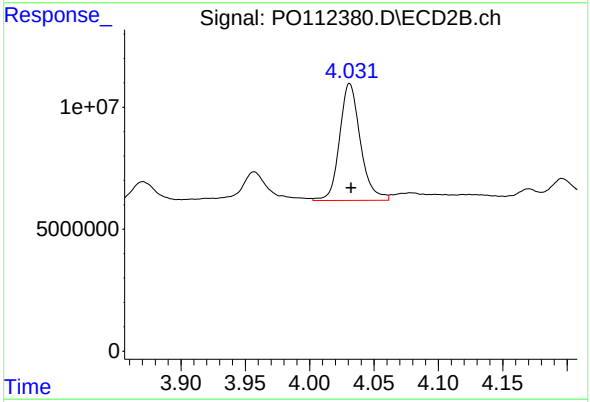
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 53956172
Conc: 285.82 ng/ml



#11 AR-1232-1

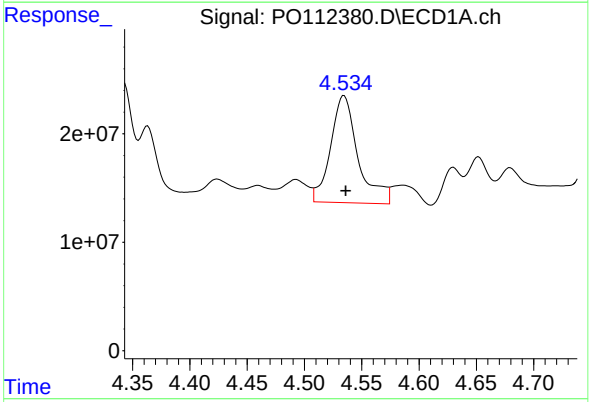
R.T.: 4.043 min
Delta R.T.: -0.001 min
Response: 78300080
Conc: 364.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



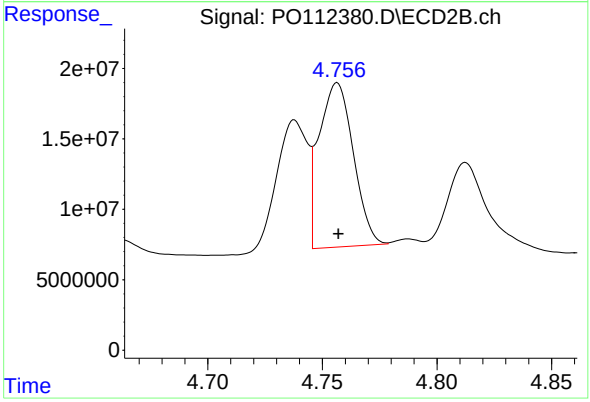
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 53956172
Conc: 359.47 ng/ml



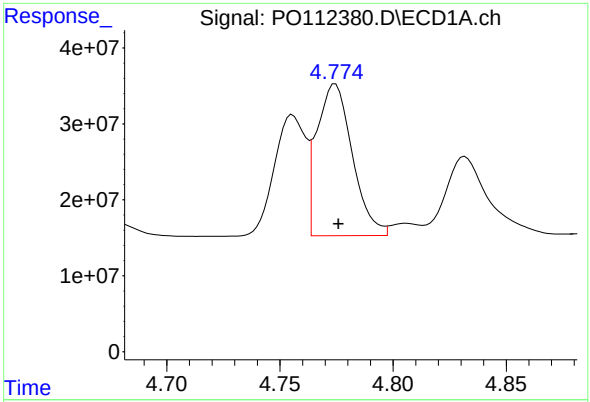
#12 AR-1232-2

R.T.: 4.535 min
Delta R.T.: -0.001 min
Response: 164993656
Conc: 1451.94 ng/ml



#12 AR-1232-2

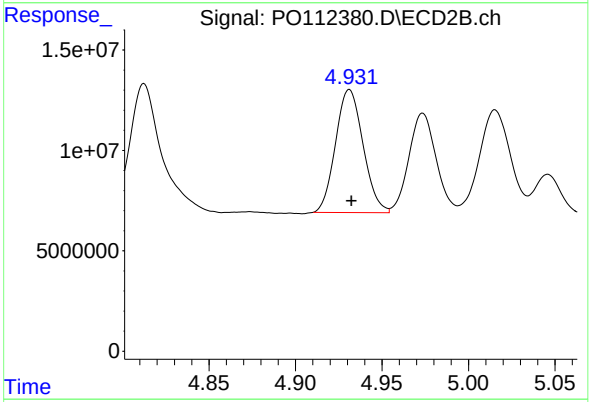
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 121678521
Conc: 794.84 ng/ml



#13 AR-1232-3

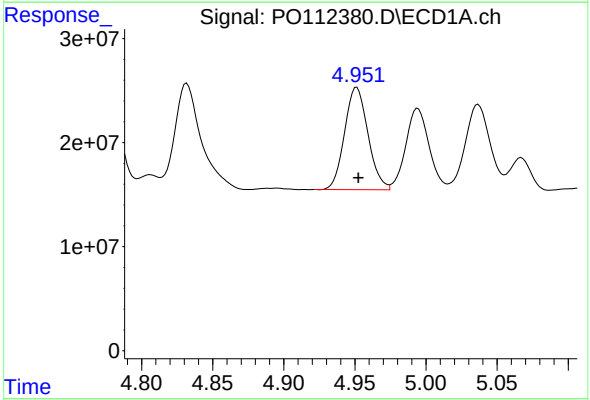
R.T.: 4.774 min
Delta R.T.: -0.001 min
Response: 218516401
Conc: 954.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



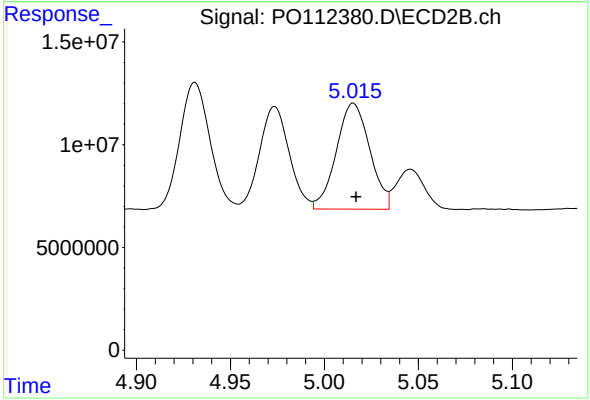
#13 AR-1232-3

R.T.: 4.931 min
Delta R.T.: -0.001 min
Response: 67791299
Conc: 897.83 ng/ml



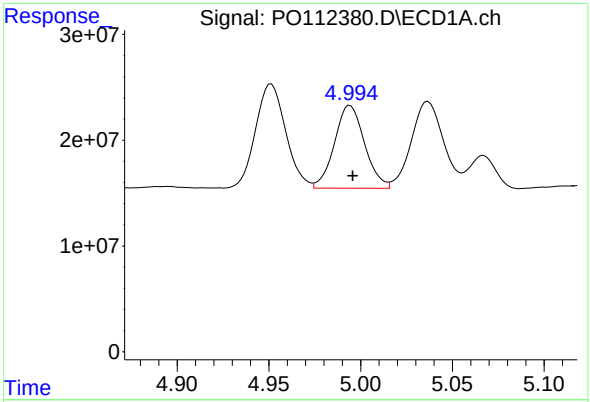
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 112877437
Conc: 987.58 ng/ml



#14 AR-1232-4

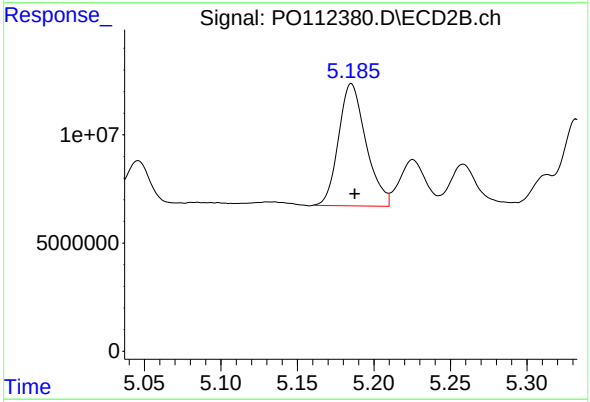
R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 63908558
Conc: 968.48 ng/ml



#15 AR-1232-5

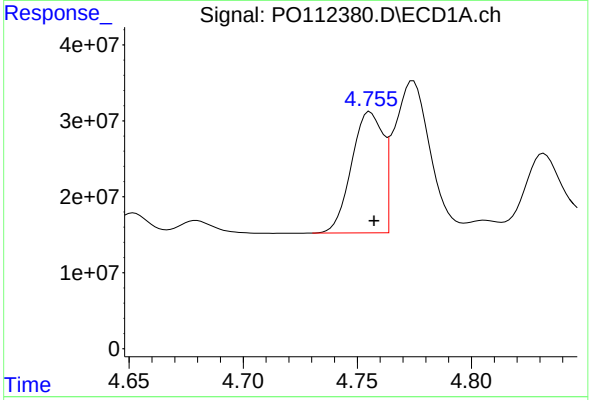
R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 89675023
Conc: 1221.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



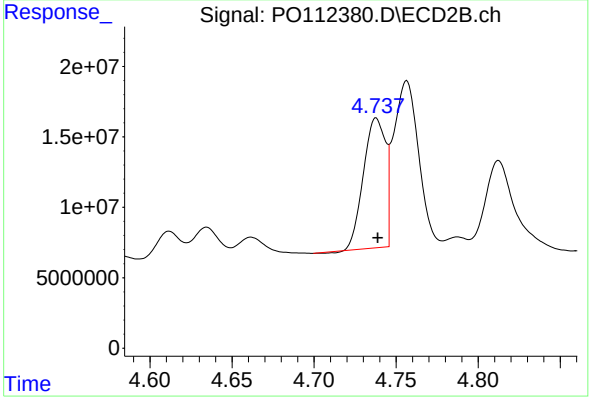
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 70478809
Conc: 949.08 ng/ml



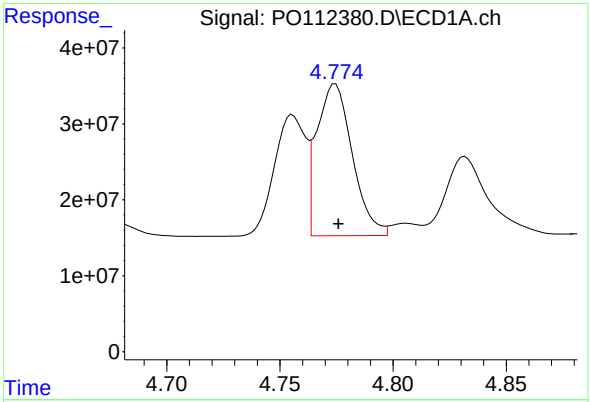
#16 AR-1242-1

R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 152914141
Conc: 527.95 ng/ml



#16 AR-1242-1

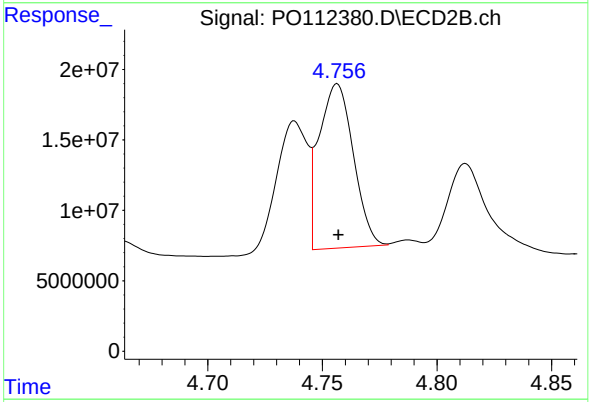
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 85838847
Conc: 442.79 ng/ml



#17 AR-1242-2

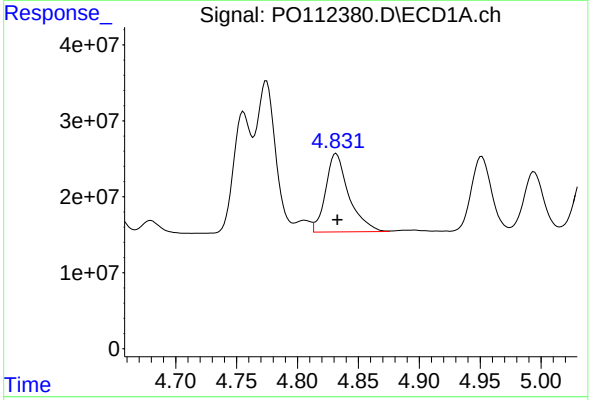
R.T.: 4.774 min
Delta R.T.: -0.001 min
Response: 218516401
Conc: 513.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



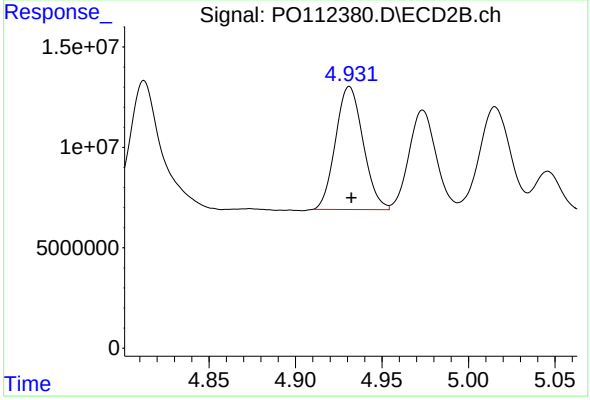
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 121678521
Conc: 429.42 ng/ml



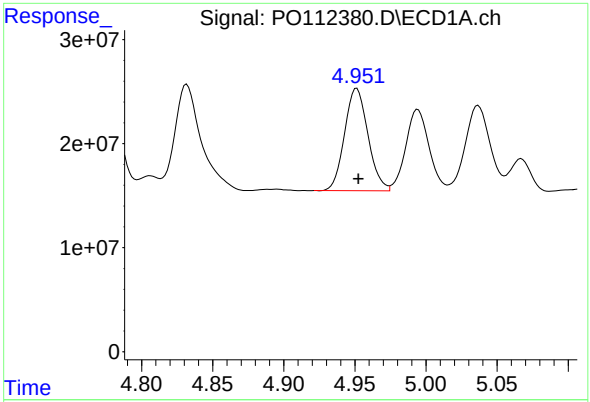
#18 AR-1242-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 137078446
Conc: 500.86 ng/ml



#18 AR-1242-3

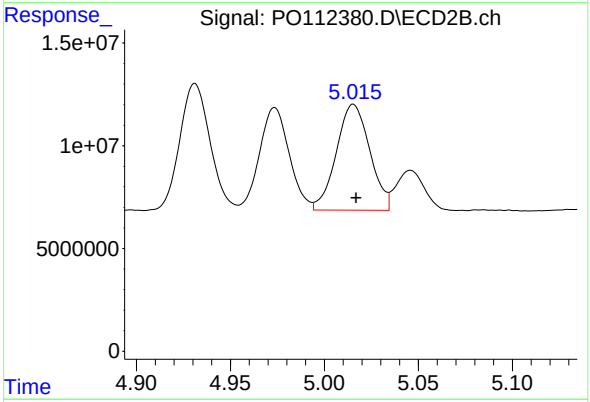
R.T.: 4.931 min
Delta R.T.: -0.001 min
Response: 67791299
Conc: 465.35 ng/ml



#19 AR-1242-4

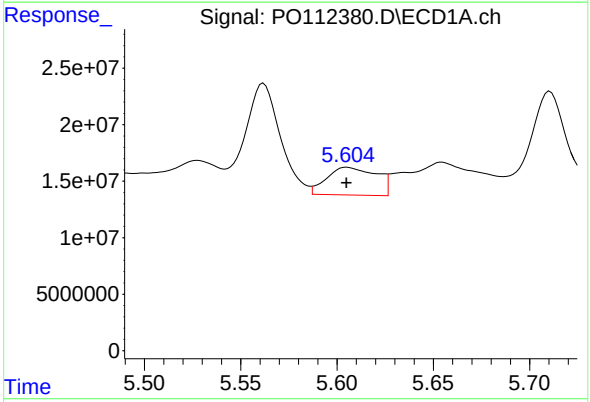
R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 112877437
Conc: 500.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



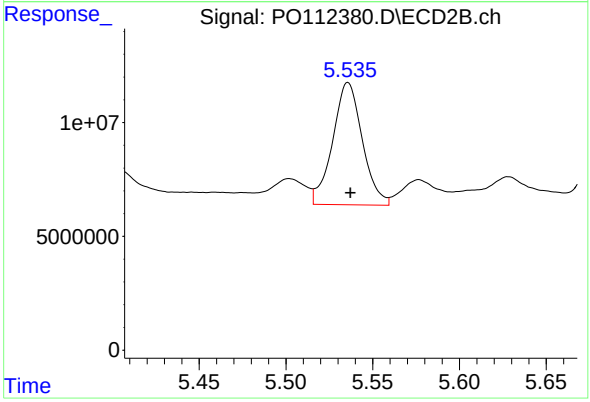
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 63908558
Conc: 450.57 ng/ml



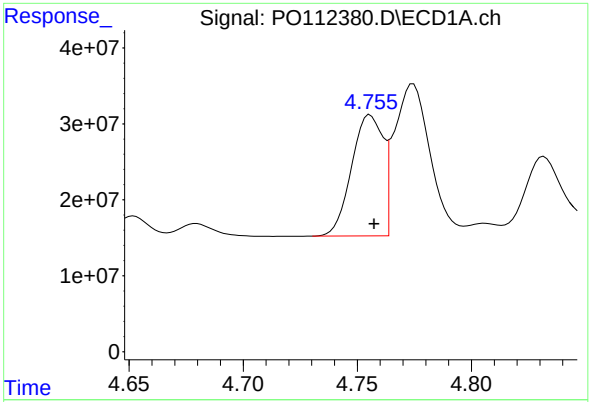
#20 AR-1242-5

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 44280257
Conc: 209.19 ng/ml



#20 AR-1242-5

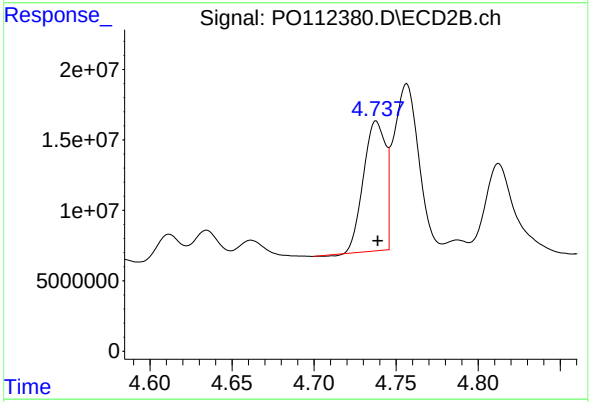
R.T.: 5.536 min
Delta R.T.: -0.001 min
Response: 64125838
Conc: 352.86 ng/ml



#21 AR-1248-1

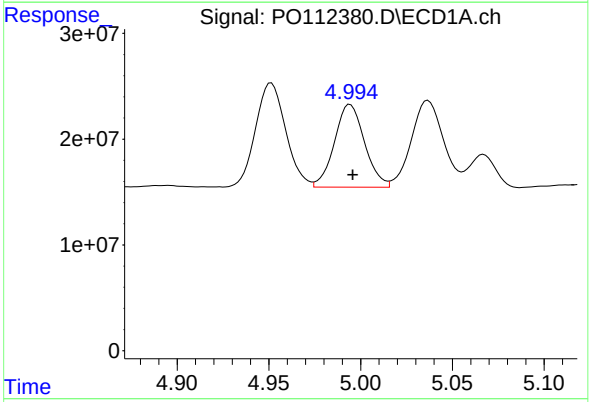
R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 152914141
Conc: 673.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



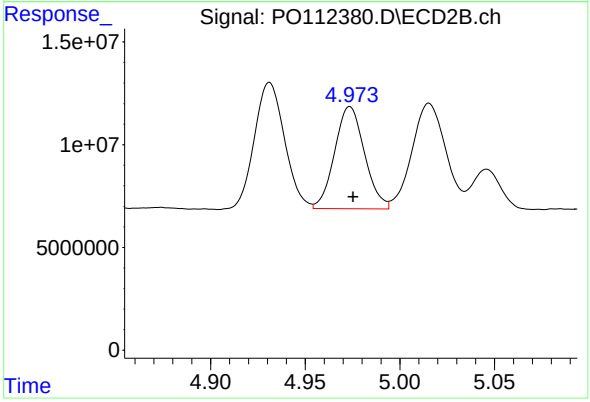
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 85838847
Conc: 556.07 ng/ml



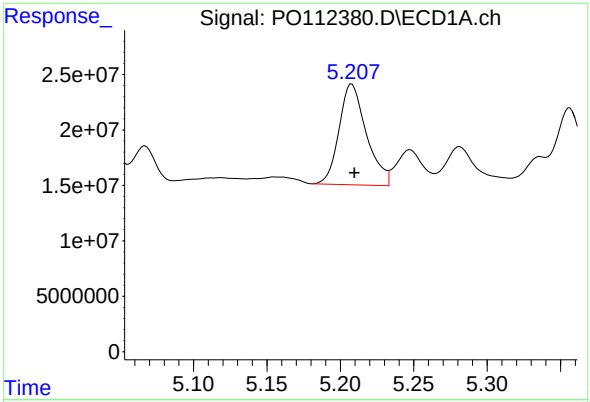
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 89675023
Conc: 290.85 ng/ml



#22 AR-1248-2

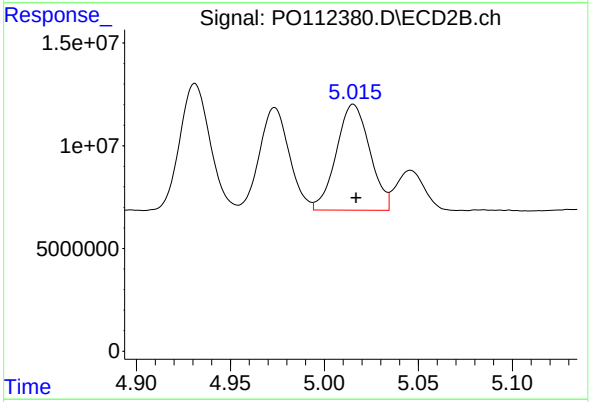
R.T.: 4.974 min
Delta R.T.: -0.002 min
Response: 54741141
Conc: 266.03 ng/ml



#23 AR-1248-3

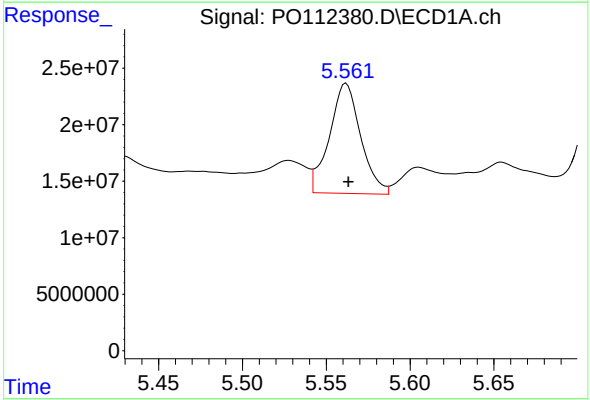
R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 118048144
Conc: 289.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



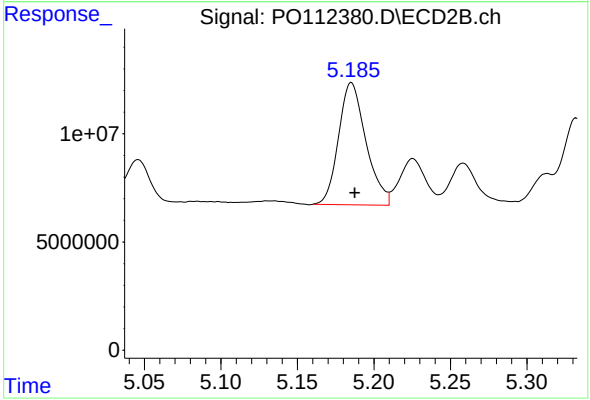
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: -0.001 min
Response: 63908558
Conc: 297.53 ng/ml



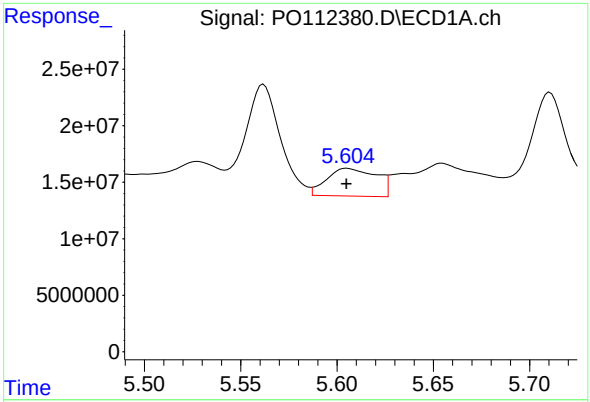
#24 AR-1248-4

R.T.: 5.562 min
Delta R.T.: -0.001 min
Response: 126791528
Conc: 219.69 ng/ml



#24 AR-1248-4

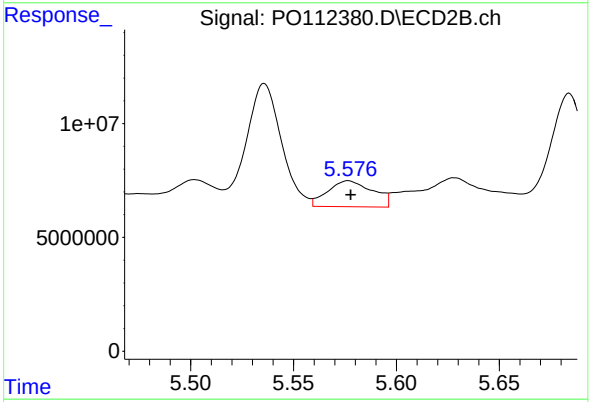
R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 70478809
Conc: 272.41 ng/ml



#25 AR-1248-5

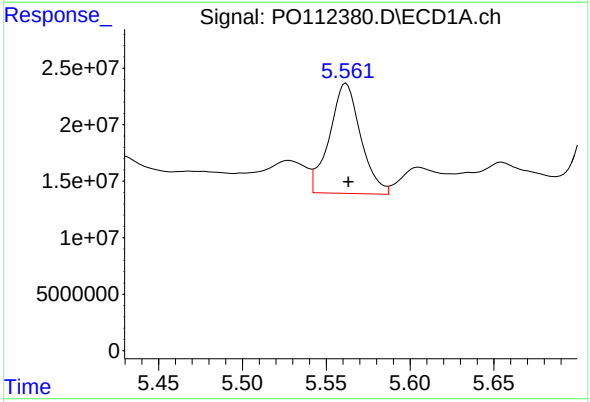
R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 44280257
Conc: 113.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



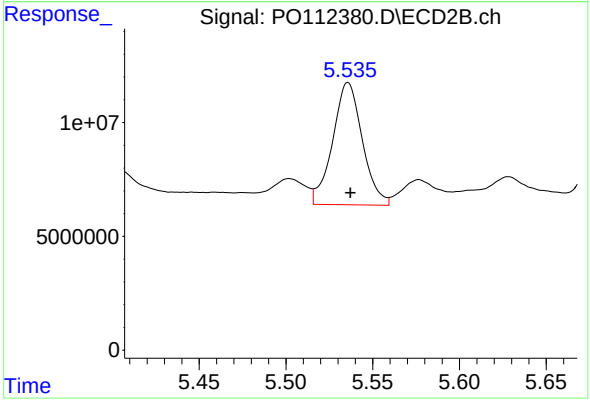
#25 AR-1248-5

R.T.: 5.577 min
Delta R.T.: -0.001 min
Response: 17462331
Conc: 69.70 ng/ml



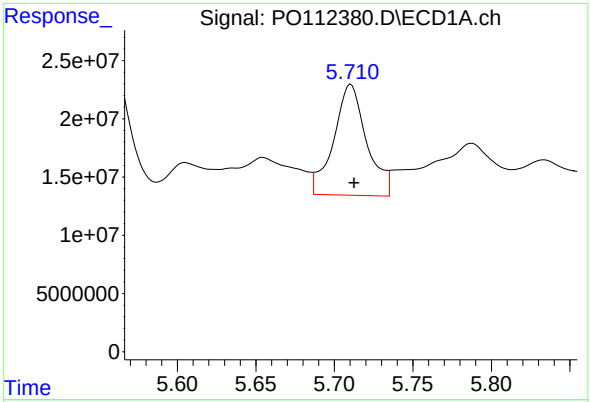
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.001 min
Response: 126791528
Conc: 206.13 ng/ml



#26 AR-1254-1

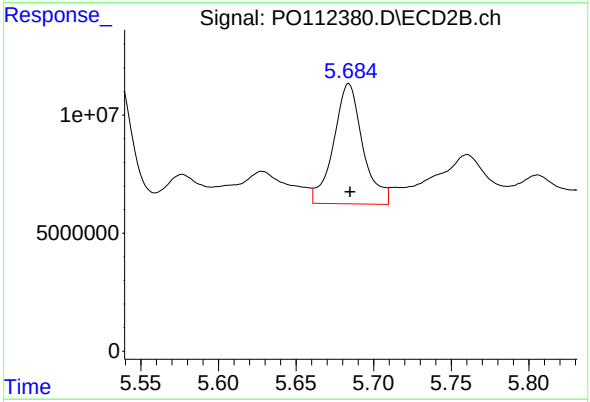
R.T.: 5.536 min
Delta R.T.: -0.001 min
Response: 64125838
Conc: 168.23 ng/ml



#27 AR-1254-2

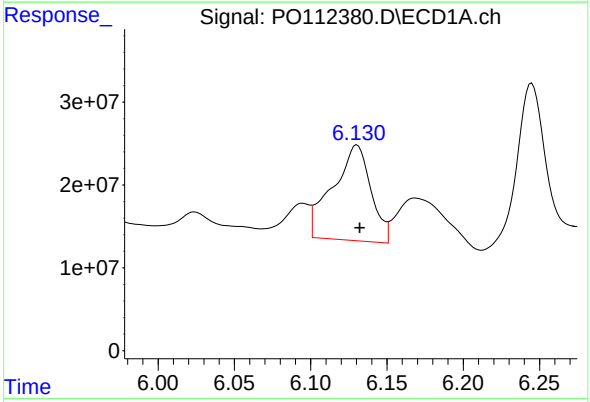
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 139179774
Conc: 259.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



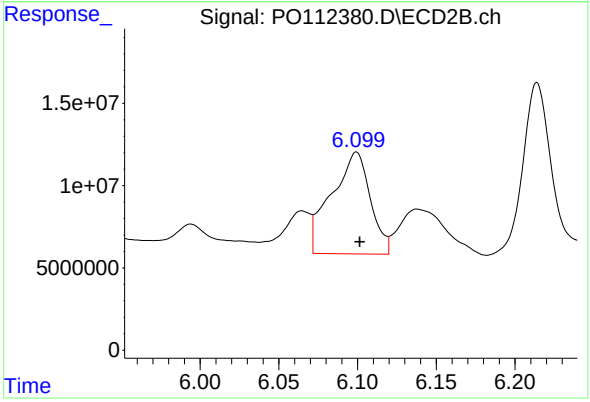
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 66653502
Conc: 200.88 ng/ml



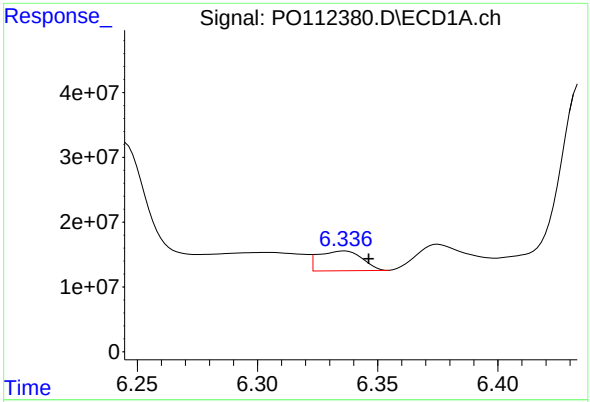
#28 AR-1254-3

R.T.: 6.130 min
Delta R.T.: -0.002 min
Response: 200806245
Conc: 239.18 ng/ml



#28 AR-1254-3

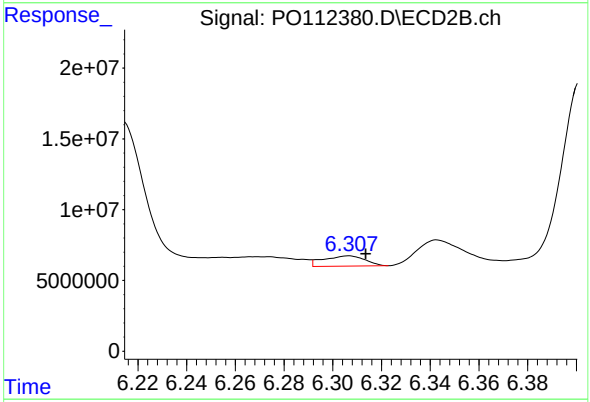
R.T.: 6.099 min
Delta R.T.: -0.002 min
Response: 106506214
Conc: 220.95 ng/ml



#29 AR-1254-4

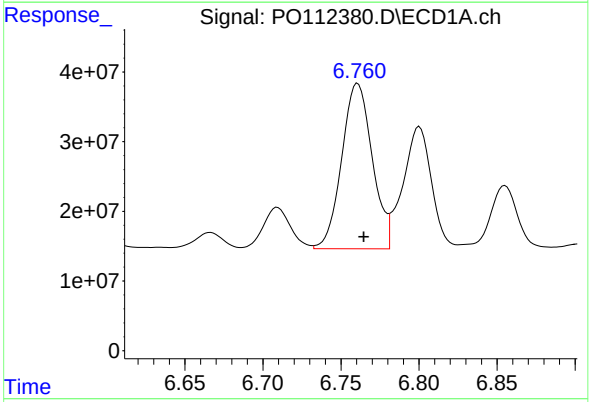
R.T.: 6.336 min
Delta R.T.: -0.010 min
Response: 38633262
Conc: 80.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



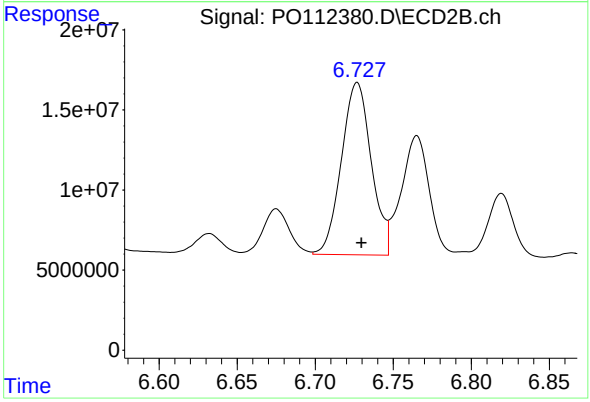
#29 AR-1254-4

R.T.: 6.307 min
Delta R.T.: -0.007 min
Response: 8629586
Conc: 33.10 ng/ml



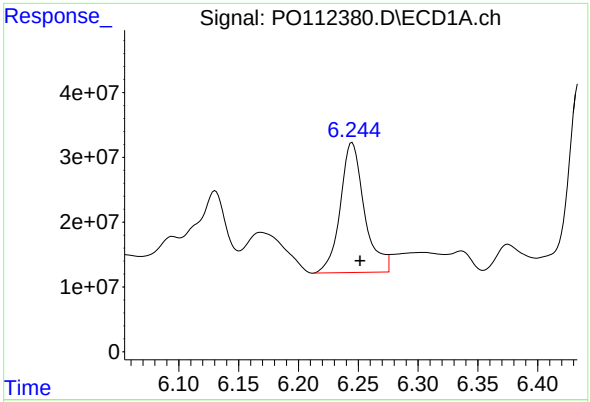
#30 AR-1254-5

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 323214666
Conc: 417.62 ng/ml



#30 AR-1254-5

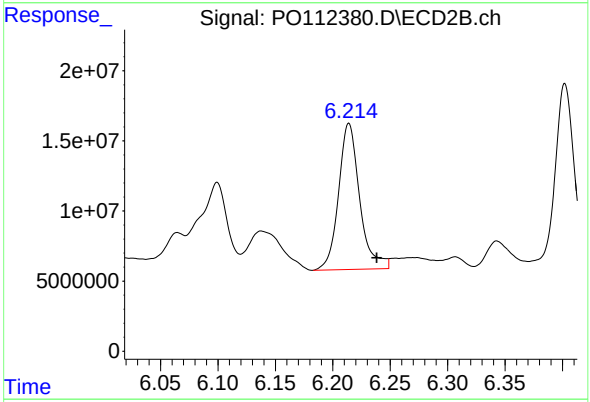
R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 143445480
Conc: 402.53 ng/ml



#31 AR-1260-1

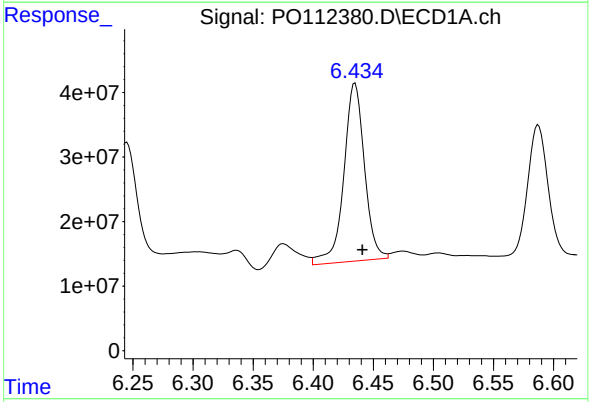
R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 281008570
Conc: 560.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



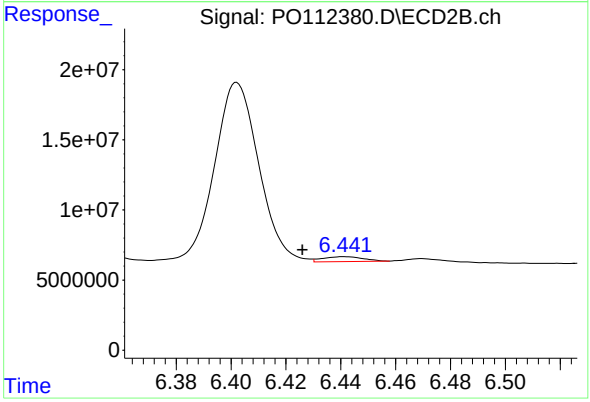
#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: -0.024 min
Response: 133940517
Conc: 477.40 ng/ml



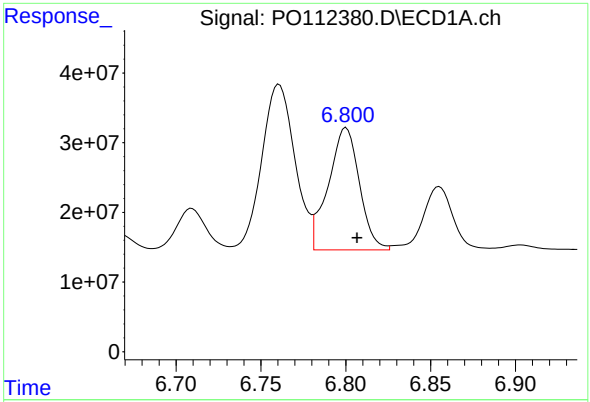
#32 AR-1260-2

R.T.: 6.435 min
Delta R.T.: -0.006 min
Response: 330223715
Conc: 447.38 ng/ml



#32 AR-1260-2

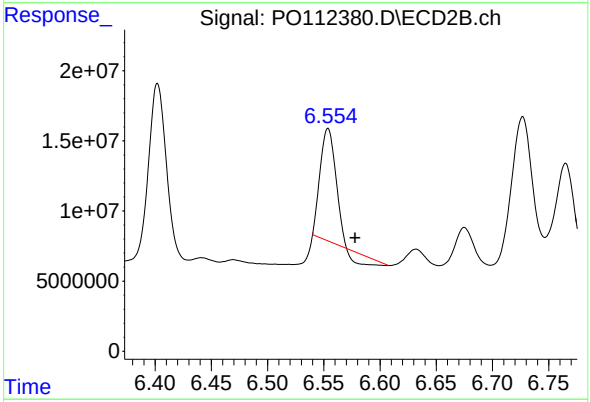
R.T.: 6.441 min
Delta R.T.: 0.015 min
Response: 3584026
Conc: 10.54 ng/ml



#33 AR-1260-3

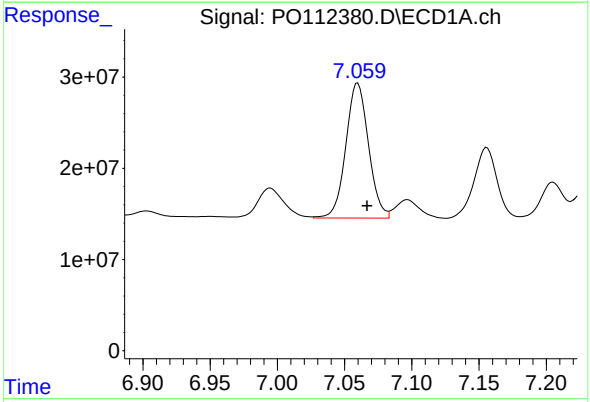
R.T.: 6.800 min
Delta R.T.: -0.006 min
Response: 223707845
Conc: 341.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



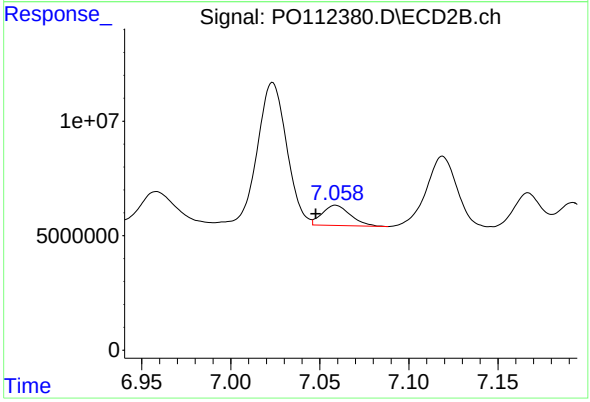
#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: -0.024 min
Response: 68832848
Conc: 249.77 ng/ml



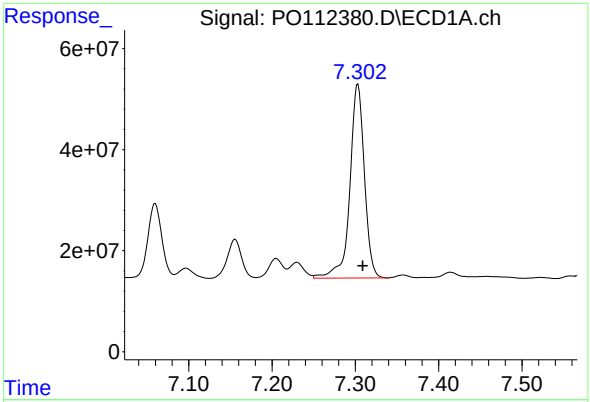
#34 AR-1260-4

R.T.: 7.060 min
Delta R.T.: -0.007 min
Response: 173910848
Conc: 399.57 ng/ml



#34 AR-1260-4

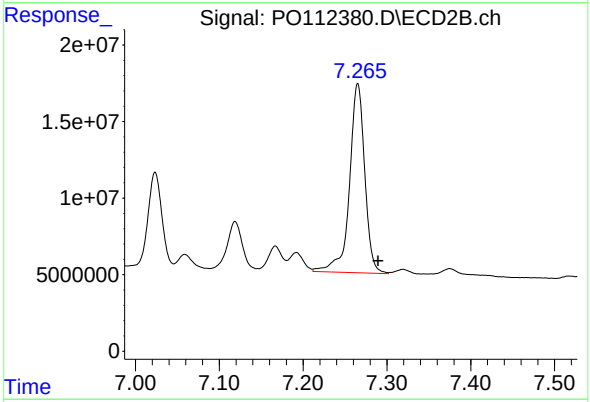
R.T.: 7.059 min
Delta R.T.: 0.011 min
Response: 9712272
Conc: 48.41 ng/ml



#35 AR-1260-5

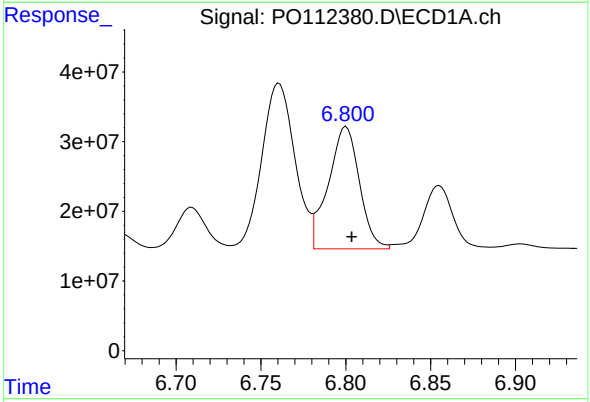
R.T.: 7.303 min
Delta R.T.: -0.006 min
Response: 465582022
Conc: 368.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



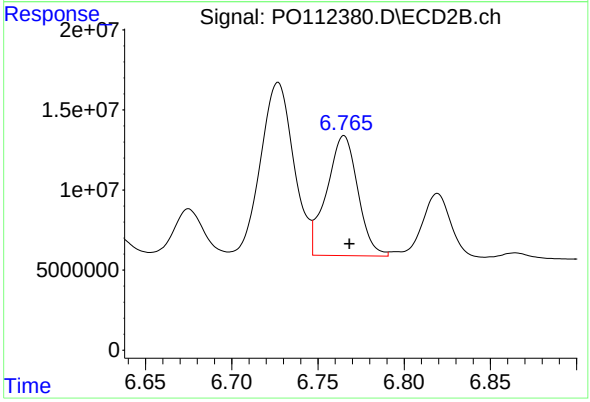
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.024 min
Response: 156464477
Conc: 349.46 ng/ml



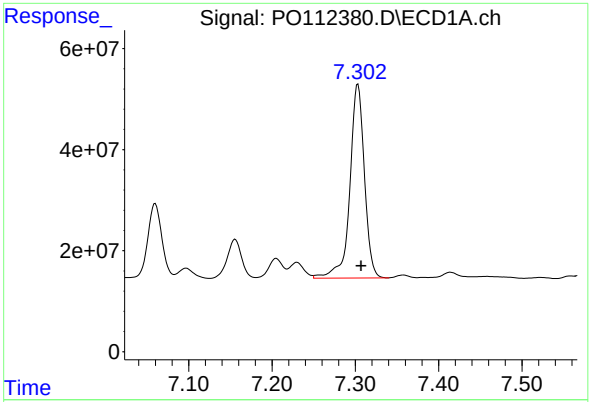
#36 AR-1262-1

R.T.: 6.800 min
Delta R.T.: -0.003 min
Response: 223707845
Conc: 218.96 ng/ml



#36 AR-1262-1

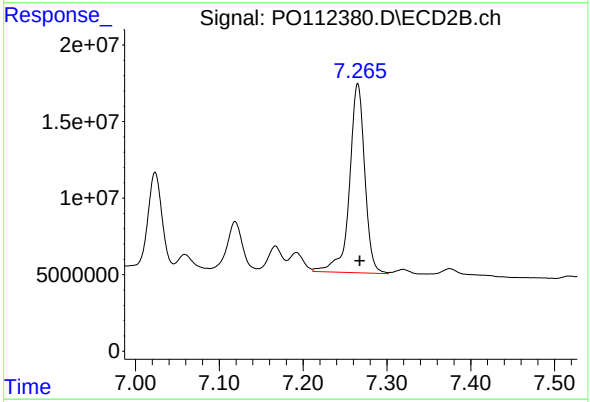
R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 93922095
Conc: 230.59 ng/ml



#37 AR-1262-2

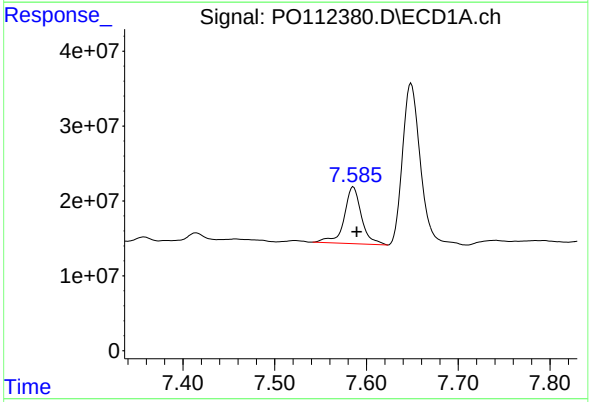
R.T.: 7.303 min
Delta R.T.: -0.004 min
Response: 465582022
Conc: 284.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



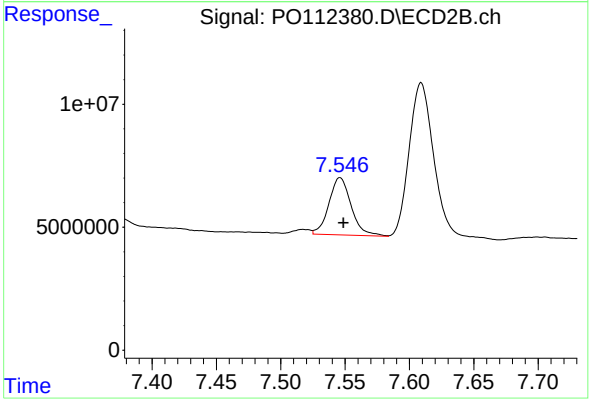
#37 AR-1262-2

R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 156464477
Conc: 305.27 ng/ml



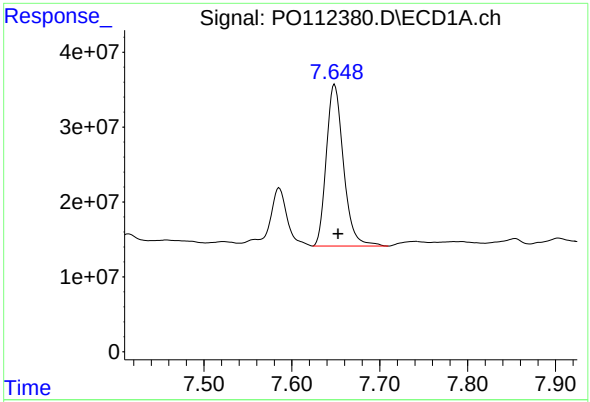
#38 AR-1262-3

R.T.: 7.586 min
Delta R.T.: -0.004 min
Response: 99271185
Conc: 154.63 ng/ml



#38 AR-1262-3

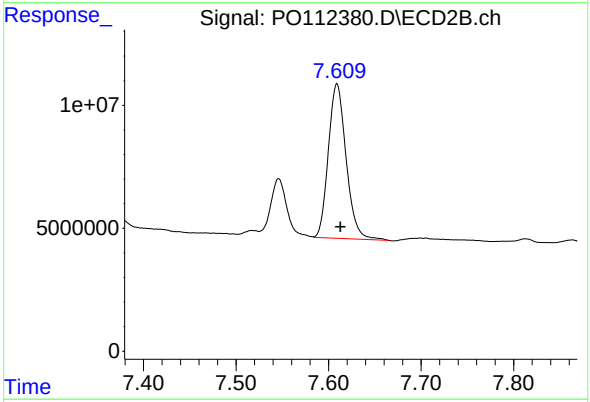
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 27934642
Conc: 155.60 ng/ml



#39 AR-1262-4

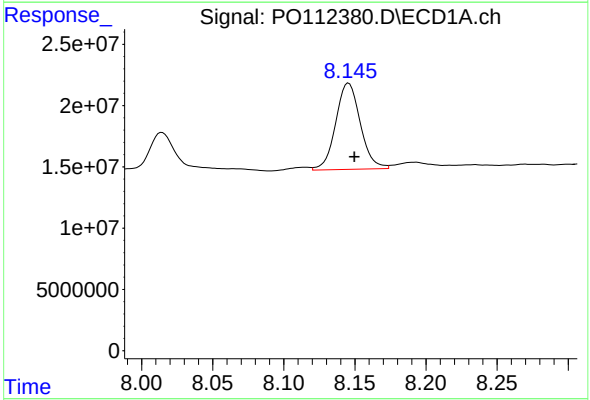
R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 292959151
Conc: 273.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



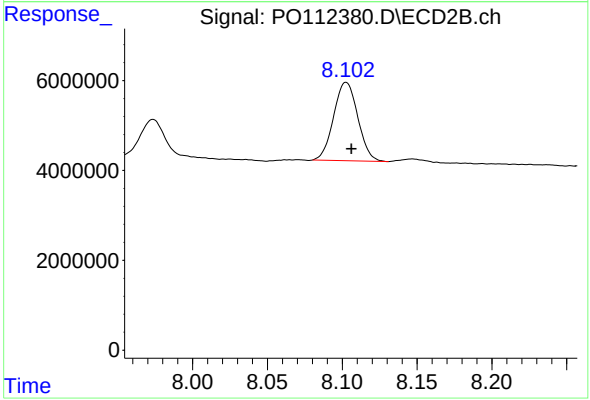
#39 AR-1262-4

R.T.: 7.609 min
Delta R.T.: -0.004 min
Response: 83795979
Conc: 288.04 ng/ml



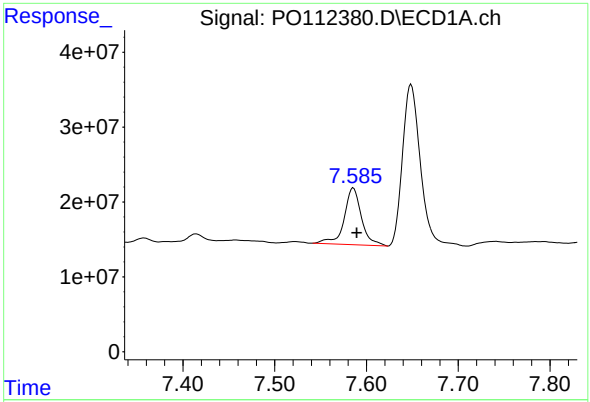
#40 AR-1262-5

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 84723611
Conc: 189.06 ng/ml



#40 AR-1262-5

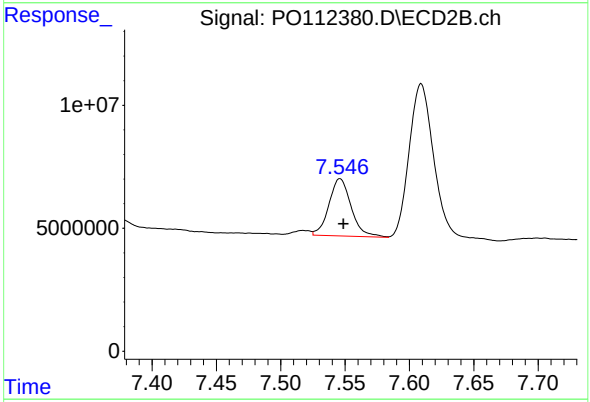
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 19633568
Conc: 185.60 ng/ml



#41 AR-1268-1

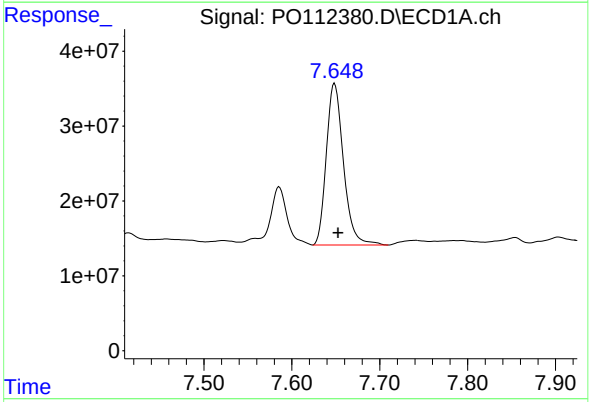
R.T.: 7.586 min
Delta R.T.: -0.004 min
Response: 99271185
Conc: 54.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



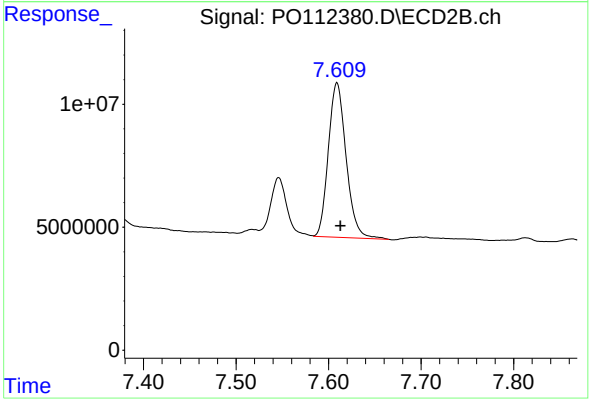
#41 AR-1268-1

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 27934642
Conc: 56.84 ng/ml



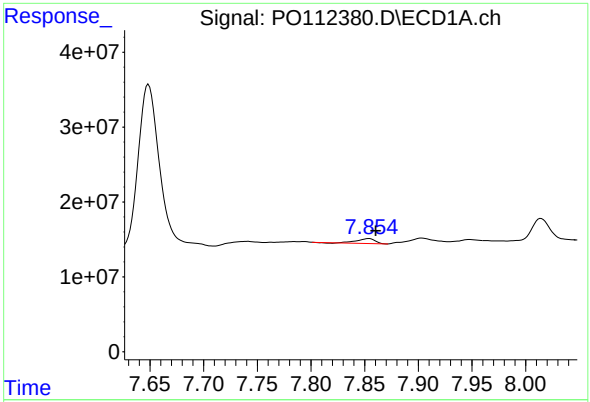
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 292959151
Conc: 188.08 ng/ml



#42 AR-1268-2

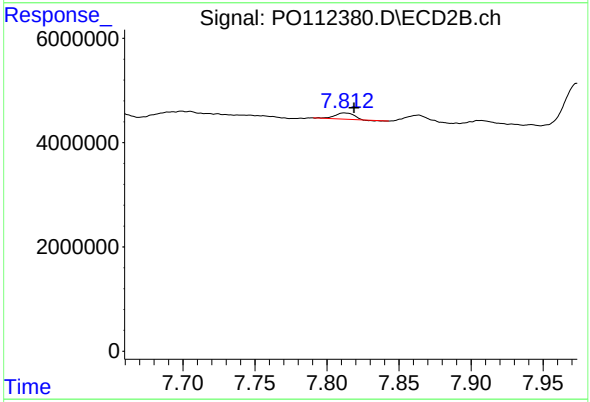
R.T.: 7.609 min
Delta R.T.: -0.004 min
Response: 83795979
Conc: 200.86 ng/ml



#43 AR-1268-3

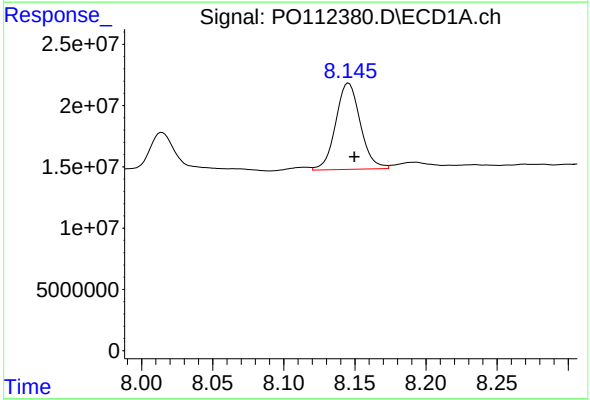
R.T.: 7.854 min
Delta R.T.: -0.006 min
Response: 7542082
Conc: 5.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



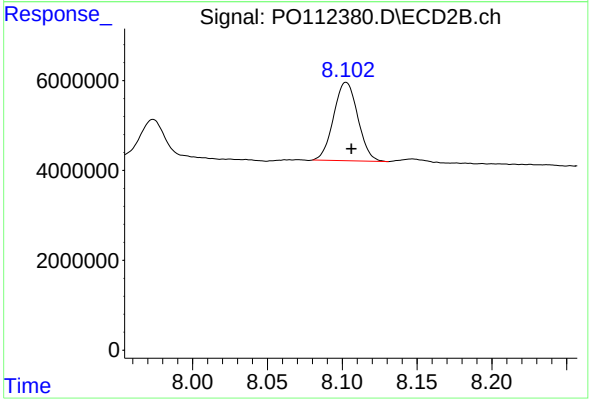
#43 AR-1268-3

R.T.: 7.812 min
Delta R.T.: -0.006 min
Response: 1079192
Conc: 3.41 ng/ml



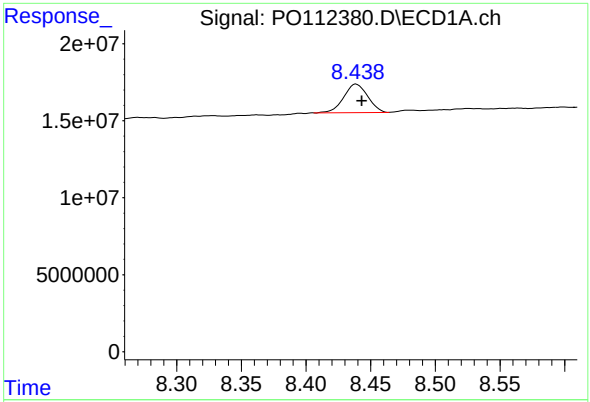
#44 AR-1268-4

R.T.: 8.146 min
Delta R.T.: -0.004 min
Response: 84723611
Conc: 176.36 ng/ml



#44 AR-1268-4

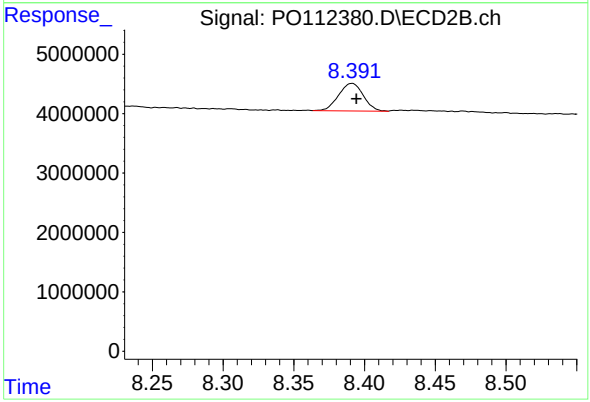
R.T.: 8.103 min
Delta R.T.: -0.003 min
Response: 19633568
Conc: 176.07 ng/ml



#45 AR-1268-5

R.T.: 8.439 min
Delta R.T.: -0.004 min
Response: 23915892
Conc: 7.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
WC-1MSD



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.003 min
Response: 5660124
Conc: 7.79 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 16:21
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:52:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.670	3.662	578.5E6	338.2E6	58.470	53.081	
2)	SA Decachlor...	8.695	8.642	338.8E6	80859360	49.551	46.917	
	Target Compounds							
3)	L1 AR-1016-1	4.756	4.756	180.9E6	145.2E6	531.757	651.446	
4)	L1 AR-1016-2	4.775	4.788	267.5E6	2118165	537.929	6.436	#
5)	L1 AR-1016-3	4.832	4.974	167.8E6	65031858	518.228	382.840	#
6)	L1 AR-1016-4	4.951	5.016	135.3E6	78356304	526.679	570.996	
7)	L1 AR-1016-5	5.209	5.226	150.3E6	34466083	549.172	199.861	#
8)	L2 AR-1221-1	3.880	3.871	18239399	11668776	156.408	141.792	
9)	L2 AR-1221-2	3.968	3.957	24438120	17263867	309.969	290.865	
10)	L2 AR-1221-3	4.043	4.031	96368419	62424512	357.474	330.679	
11)	L3 AR-1232-1	4.043	4.031	96368419	62424512	448.919	415.888	
12)	L3 AR-1232-2	4.535	4.756	138.2E6	145.2E6	1215.807	948.256	
13)	L3 AR-1232-3	4.775	4.931	267.5E6	81132873	1168.111	1074.522	
14)	L3 AR-1232-4	4.951	5.016	135.3E6	78356304	1183.332	1187.429	
15)	L3 AR-1232-5	4.994	5.186	102.4E6	87512117	1394.546	1178.457	
16)	L4 AR-1242-1	4.756	4.738	180.9E6	102.3E6	624.447	527.854	
17)	L4 AR-1242-2	4.775	4.756	267.5E6	145.2E6	628.071	512.311	
18)	L4 AR-1242-3	4.832	4.931	167.8E6	81132873	612.958	556.936	
19)	L4 AR-1242-4	4.951	5.016	135.3E6	78356304	600.267	552.425	
20)	L4 AR-1242-5	5.604	5.536	39800546	86773714	188.030	477.476	#
21)	L5 AR-1248-1	4.756	4.738	180.9E6	102.3E6	797.104	662.889	
22)	L5 AR-1248-2	4.994	4.974	102.4E6	65031858	331.987	316.045	
23)	L5 AR-1248-3	5.209	5.016	150.3E6	78356304	368.967	364.790	
24)	L5 AR-1248-4	5.562	5.186	147.0E6	87512117	254.644	338.241	#
25)	L5 AR-1248-5	5.604	5.576	39800546	25069754	101.973	100.059	
26)	L6 AR-1254-1	5.562	5.536	147.0E6	86773714	238.927	227.652	
27)	L6 AR-1254-2	5.711	5.684	105.7E6	62838205	197.308	189.379	
28)	L6 AR-1254-3	6.131	6.100	194.9E6	108.0E6	232.105	224.084	
29)	L6 AR-1254-4	6.344	6.312	28936254	15324206	60.156	58.782	
30)	L6 AR-1254-5	6.762	6.727	319.7E6	146.2E6	413.050	410.365	
31)	L7 AR-1260-1	6.246	6.215	244.7E6	135.1E6	488.228	481.696	
32)	L7 AR-1260-2	6.436	6.404	360.4E6	169.8E6	488.264	499.283	
33)	L7 AR-1260-3	6.801	6.554	313.3E6	87394780	477.962	317.123	#
34)	L7 AR-1260-4	7.061	7.059	219.4E6	11069571	504.145	55.170	#
35)	L7 AR-1260-5	7.304	7.266	633.5E6	205.6E6	501.754	459.271	
36)	L8 AR-1262-1	6.801	6.766	313.3E6	135.3E6	306.646	332.127	
37)	L8 AR-1262-2	7.304	7.266	633.5E6	205.6E6	386.418	401.189	
38)	L8 AR-1262-3	7.586	7.547	150.8E6	44908619	234.902	250.154	
39)	L8 AR-1262-4	7.649	7.611	404.9E6	112.6E6	377.891	387.117	
40)	L8 AR-1262-5	8.147	8.104	133.4E6	31930474	297.619	301.847	
41)	L9 AR-1268-1	7.586	7.547	150.8E6	44908619	82.071	91.379	

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 16:21
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:52:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.649	7.611	404.9E6	112.6E6	259.941	269.951
43) L9	AR-1268-3	7.858	7.815	5775100	1744375	4.443	5.513
44) L9	AR-1268-4	8.147	8.104	133.4E6	31930474	277.629	286.341
45) L9	AR-1268-5	8.441	8.391	31825405	7796084	9.751	10.731

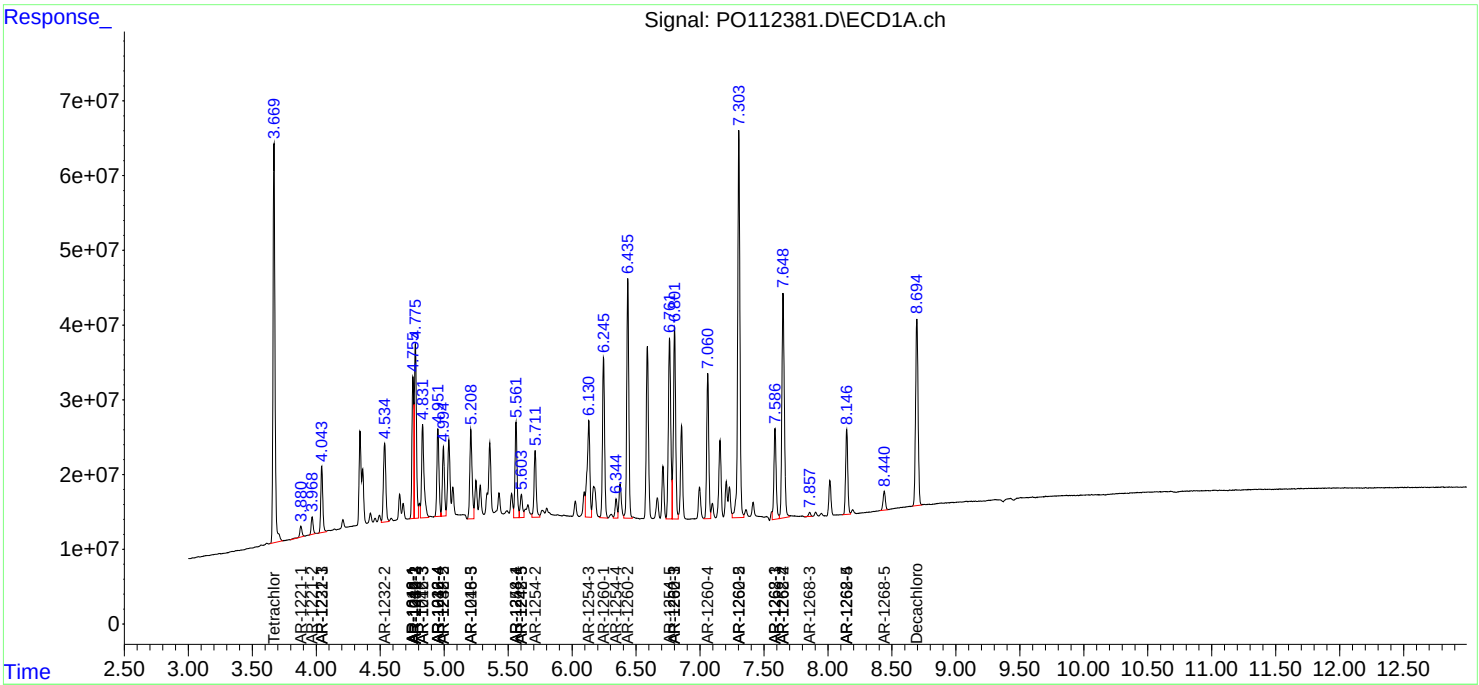
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

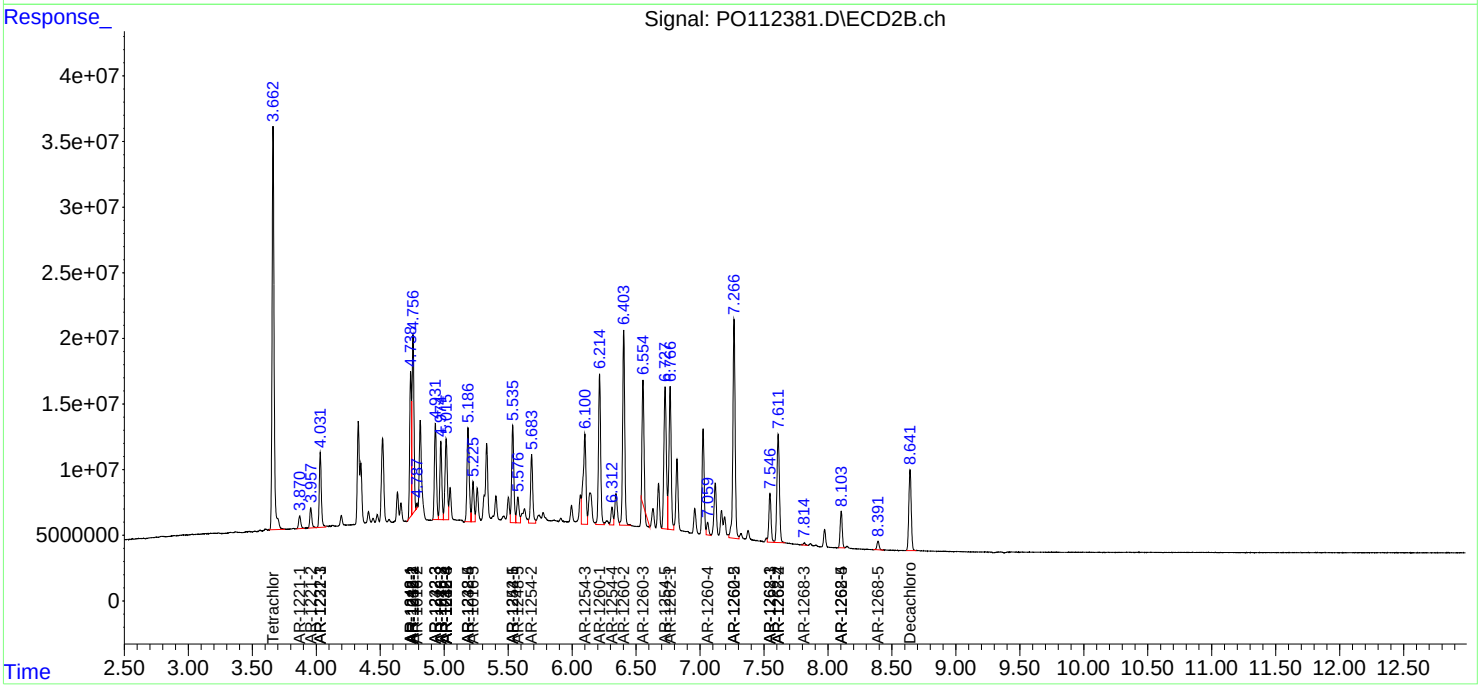
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072225\
Data File : PO112381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 16:21
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

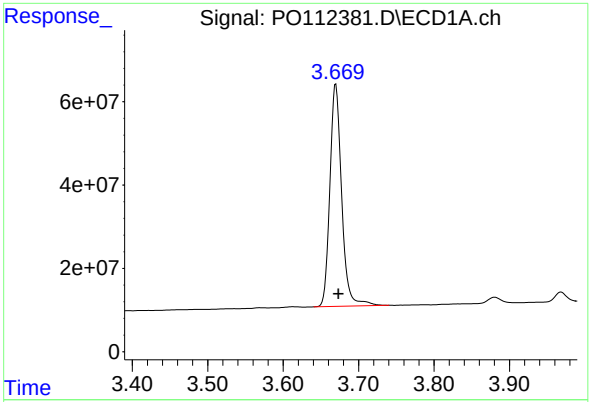
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:52:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 22 09:14:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



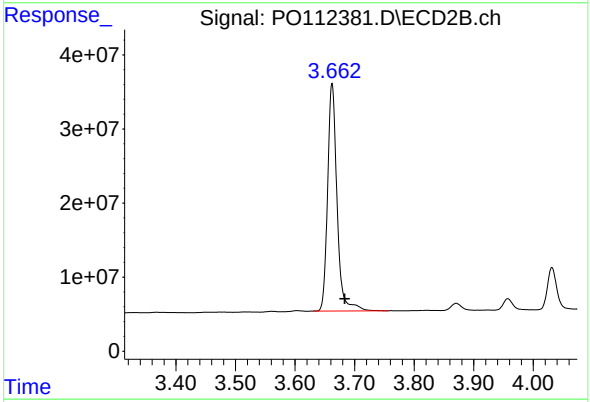




#1 Tetrachloro-m-xylene

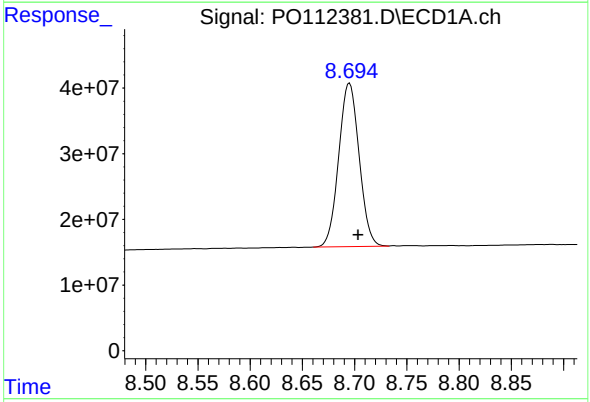
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 578547123
Conc: 58.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



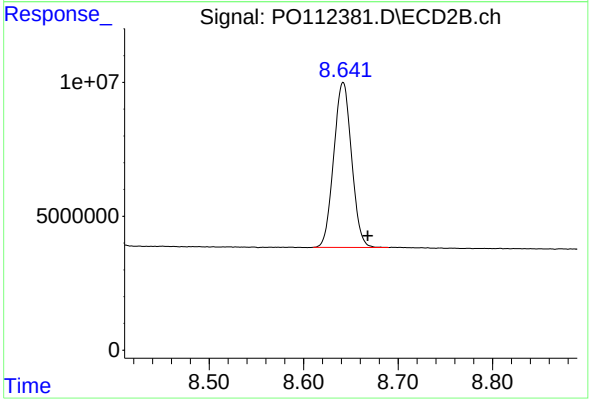
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.021 min
Response: 338183063
Conc: 53.08 ng/ml



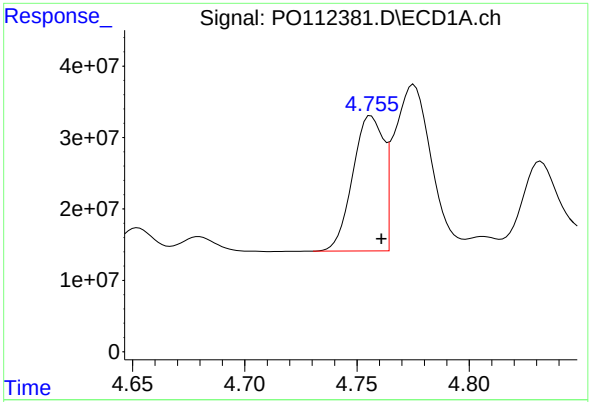
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.008 min
Response: 338782695
Conc: 49.55 ng/ml



#2 Decachlorobiphenyl

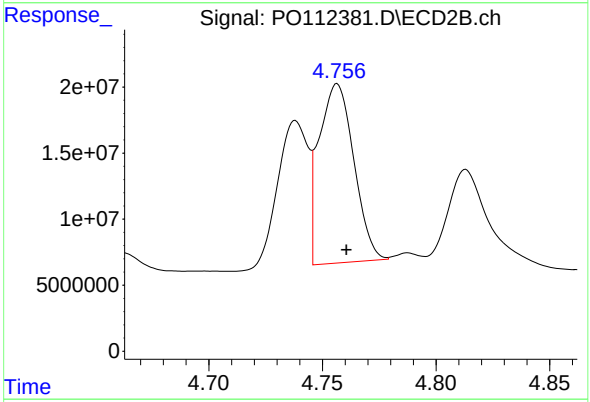
R.T.: 8.642 min
Delta R.T.: -0.026 min
Response: 80859360
Conc: 46.92 ng/ml



#3 AR-1016-1

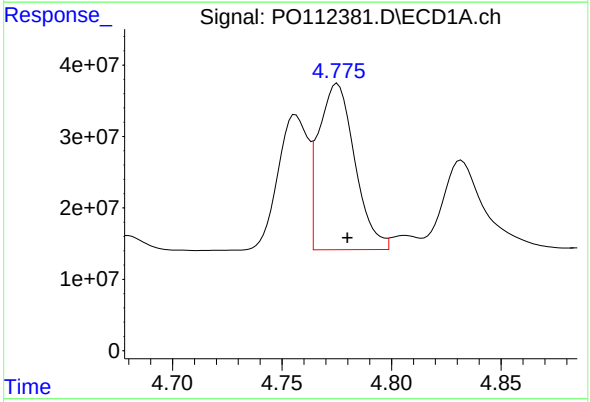
R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 180862710
Conc: 531.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



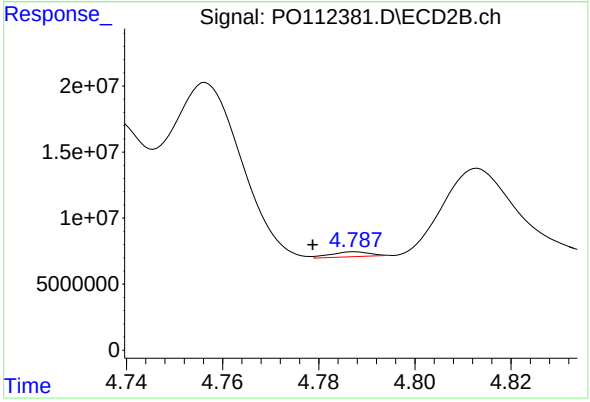
#3 AR-1016-1

R.T.: 4.756 min
Delta R.T.: -0.004 min
Response: 145164528
Conc: 651.45 ng/ml



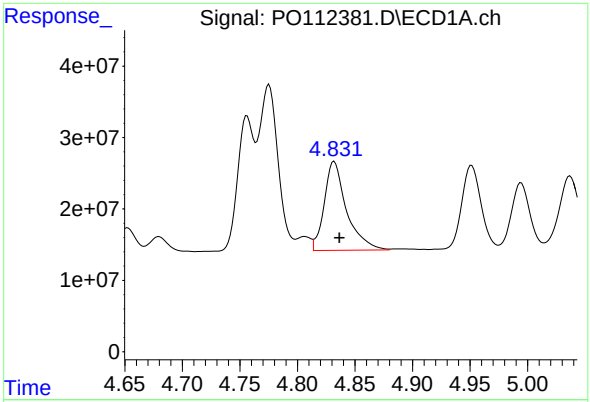
#4 AR-1016-2

R.T.: 4.775 min
Delta R.T.: -0.005 min
Response: 267507791
Conc: 537.93 ng/ml



#4 AR-1016-2

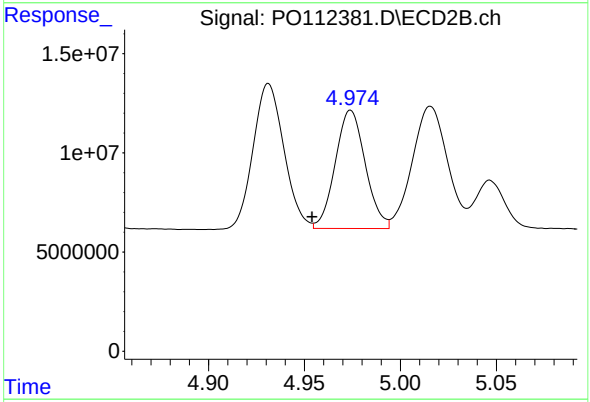
R.T.: 4.788 min
Delta R.T.: 0.009 min
Response: 2118165
Conc: 6.44 ng/ml



#5 AR-1016-3

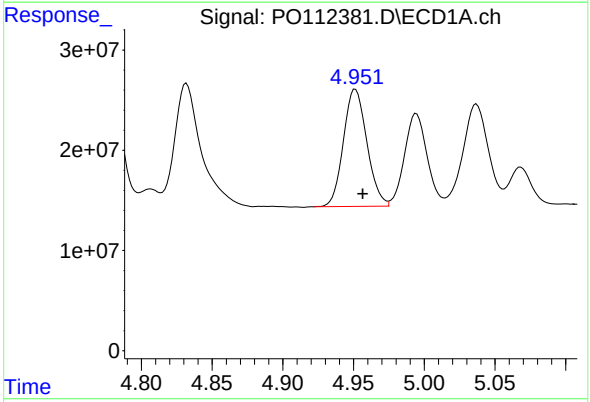
R.T.: 4.832 min
Delta R.T.: -0.004 min
Response: 167757685
Conc: 518.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



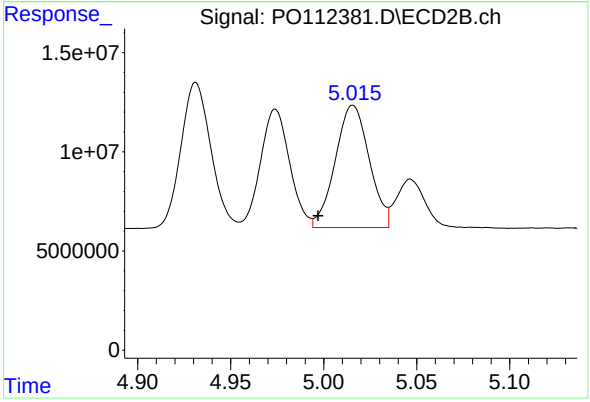
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: 0.020 min
Response: 65031858
Conc: 382.84 ng/ml



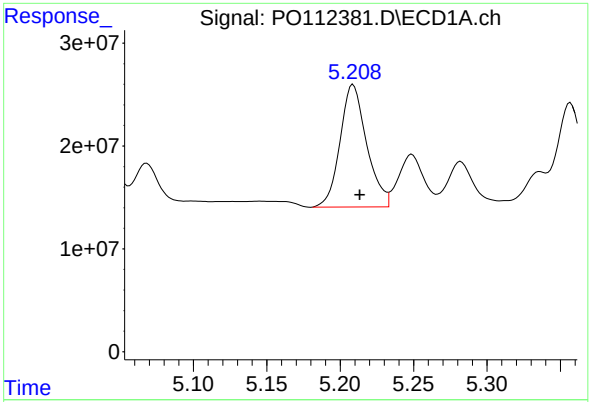
#6 AR-1016-4

R.T.: 4.951 min
Delta R.T.: -0.005 min
Response: 135250965
Conc: 526.68 ng/ml



#6 AR-1016-4

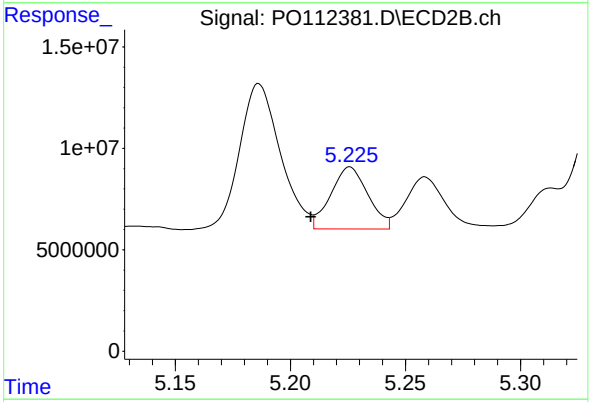
R.T.: 5.016 min
Delta R.T.: 0.019 min
Response: 78356304
Conc: 571.00 ng/ml



#7 AR-1016-5

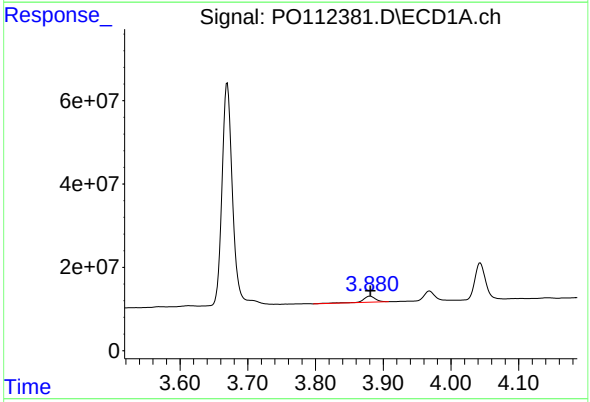
R.T.: 5.209 min
Delta R.T.: -0.004 min
Response: 150287384
Conc: 549.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



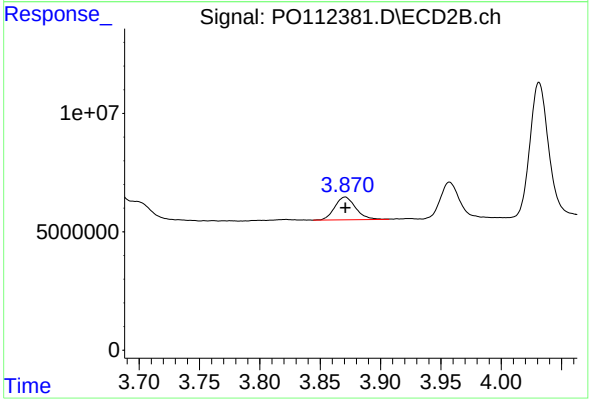
#7 AR-1016-5

R.T.: 5.226 min
Delta R.T.: 0.017 min
Response: 34466083
Conc: 199.86 ng/ml



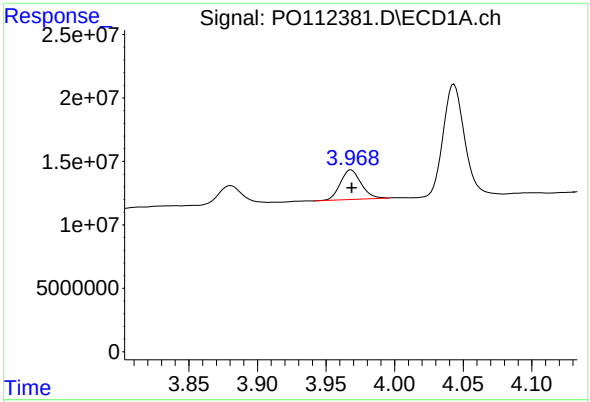
#8 AR-1221-1

R.T.: 3.880 min
Delta R.T.: 0.000 min
Response: 18239399
Conc: 156.41 ng/ml



#8 AR-1221-1

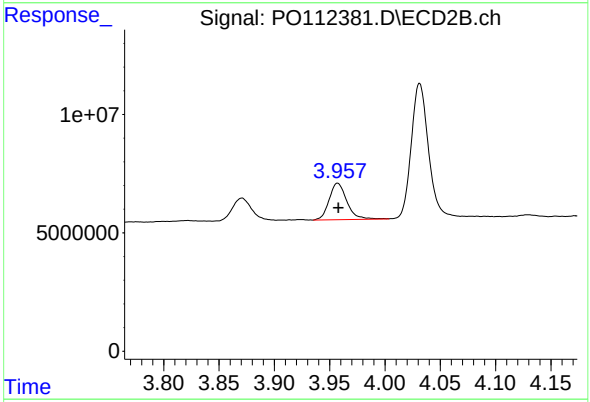
R.T.: 3.871 min
Delta R.T.: 0.000 min
Response: 11668776
Conc: 141.79 ng/ml



#9 AR-1221-2

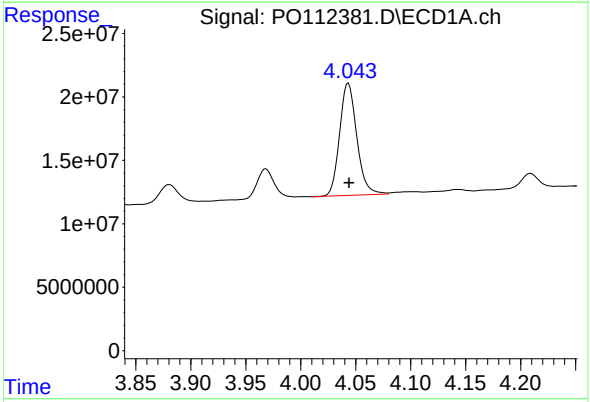
R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 24438120
Conc: 309.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



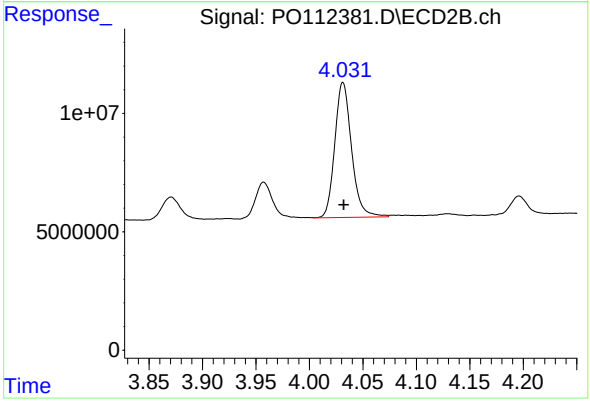
#9 AR-1221-2

R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 17263867
Conc: 290.86 ng/ml



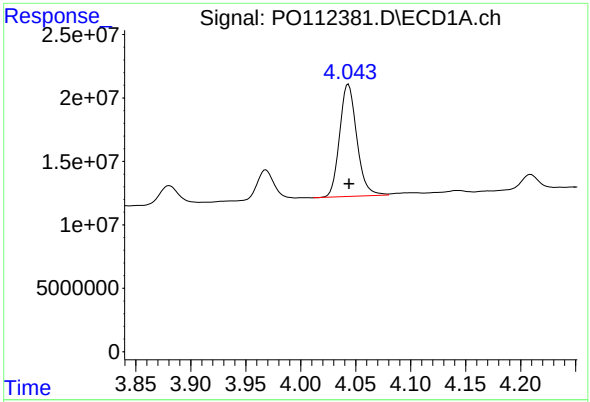
#10 AR-1221-3

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 96368419
Conc: 357.47 ng/ml



#10 AR-1221-3

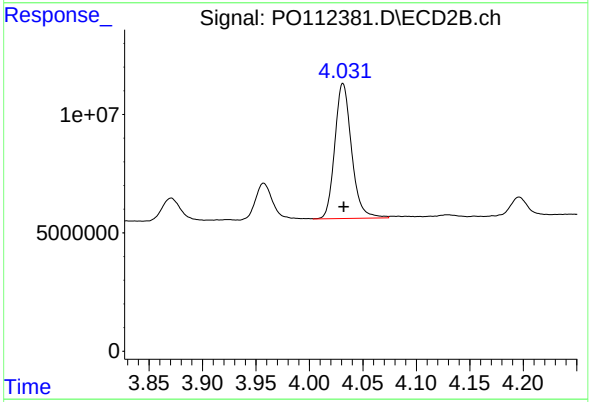
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 62424512
Conc: 330.68 ng/ml



#11 AR-1232-1

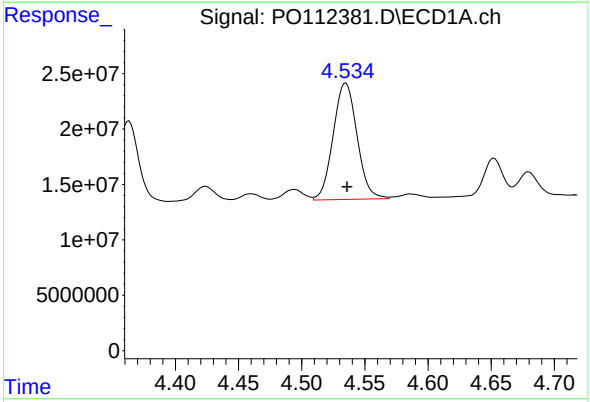
R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 96368419
Conc: 448.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



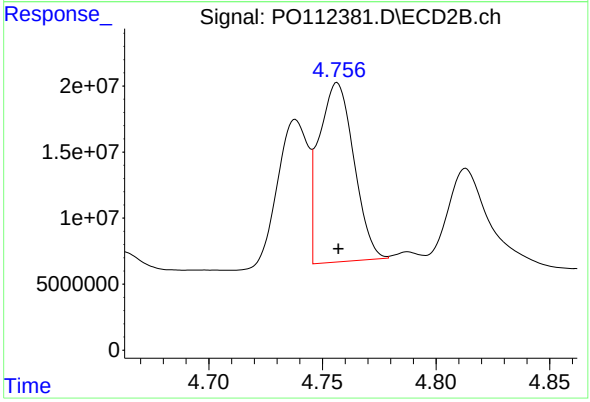
#11 AR-1232-1

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 62424512
Conc: 415.89 ng/ml



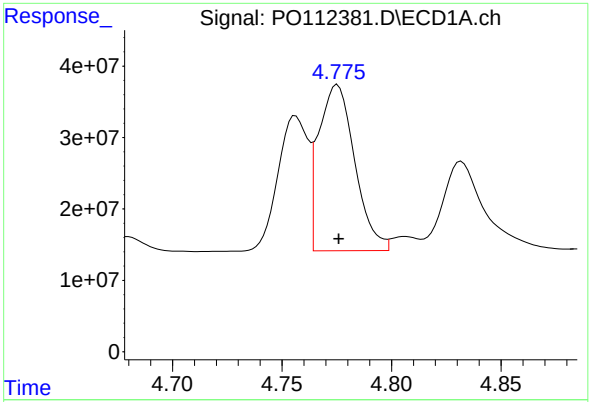
#12 AR-1232-2

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 138160661
Conc: 1215.81 ng/ml



#12 AR-1232-2

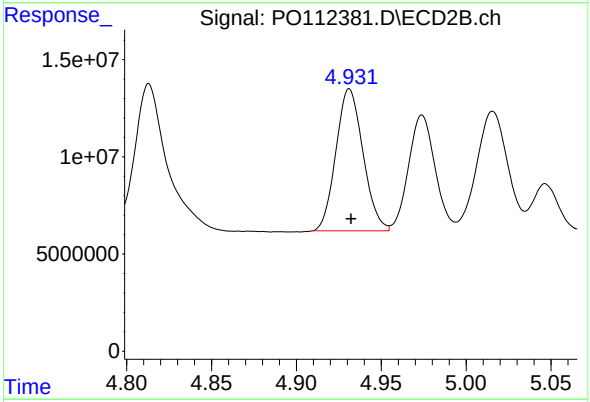
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 145164528
Conc: 948.26 ng/ml



#13 AR-1232-3

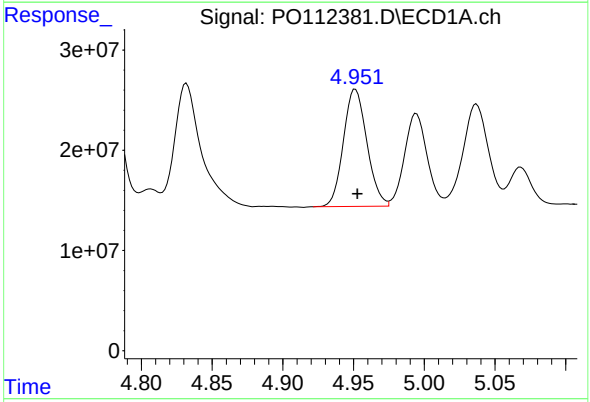
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 267507791
Conc: 1168.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



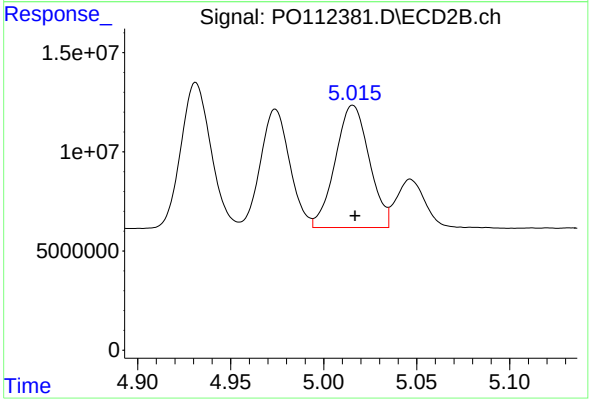
#13 AR-1232-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 81132873
Conc: 1074.52 ng/ml



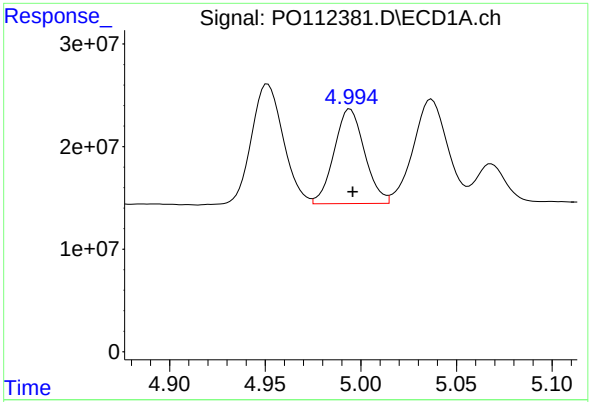
#14 AR-1232-4

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 135250965
Conc: 1183.33 ng/ml



#14 AR-1232-4

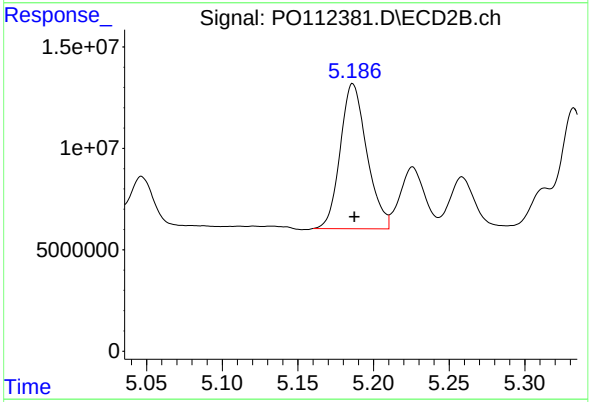
R.T.: 5.016 min
Delta R.T.: -0.001 min
Response: 78356304
Conc: 1187.43 ng/ml



#15 AR-1232-5

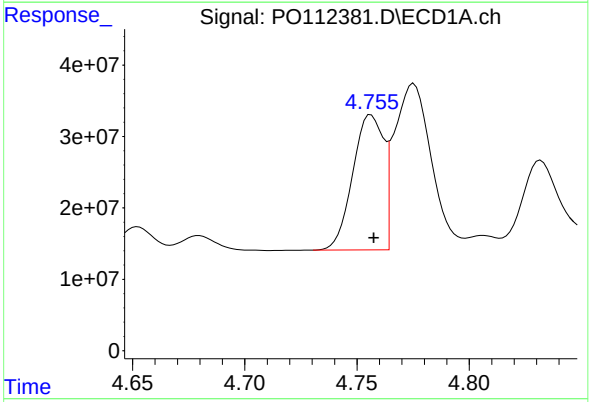
R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 102360025
Conc: 1394.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



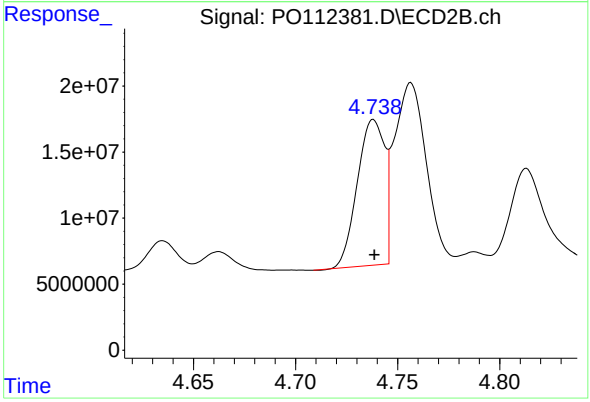
#15 AR-1232-5

R.T.: 5.186 min
Delta R.T.: -0.001 min
Response: 87512117
Conc: 1178.46 ng/ml



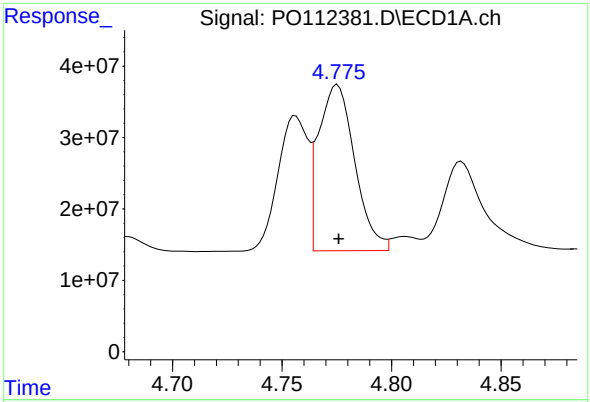
#16 AR-1242-1

R.T.: 4.756 min
Delta R.T.: -0.001 min
Response: 180862710
Conc: 624.45 ng/ml



#16 AR-1242-1

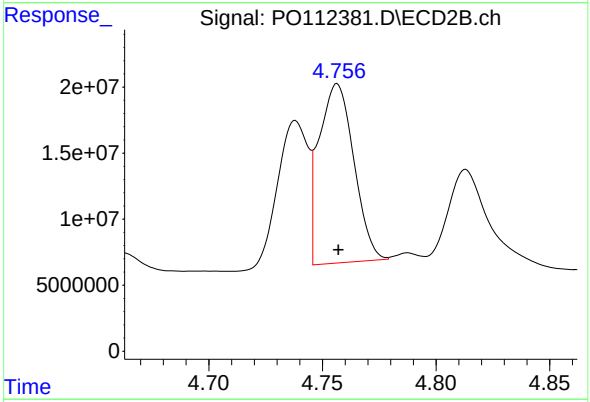
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 102328989
Conc: 527.85 ng/ml



#17 AR-1242-2

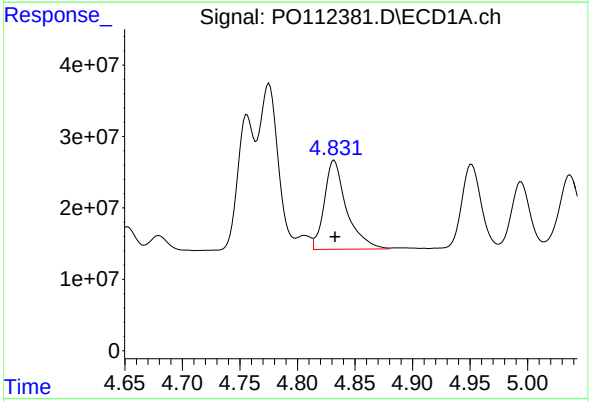
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 267507791
Conc: 628.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



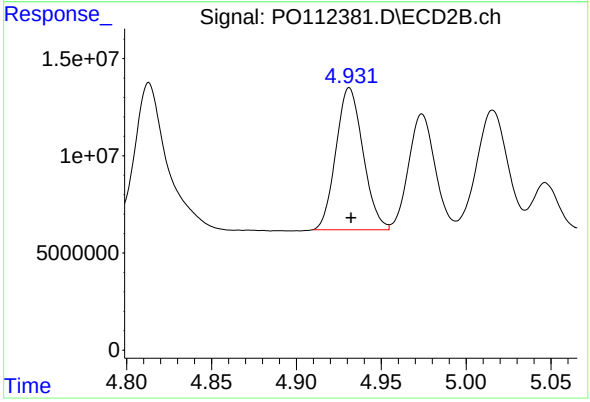
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 145164528
Conc: 512.31 ng/ml



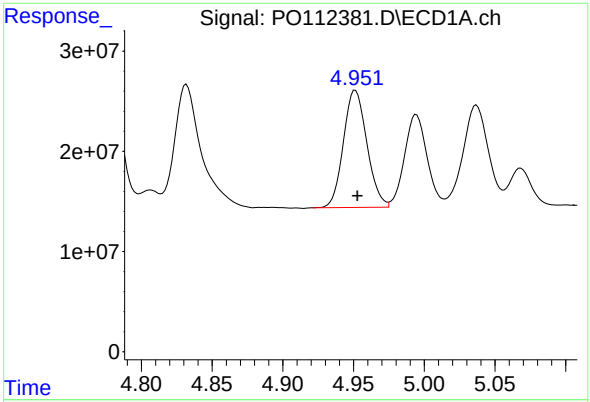
#18 AR-1242-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 167757685
Conc: 612.96 ng/ml



#18 AR-1242-3

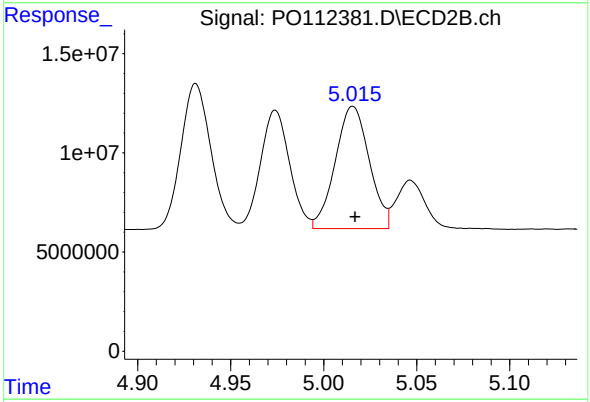
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 81132873
Conc: 556.94 ng/ml



#19 AR-1242-4

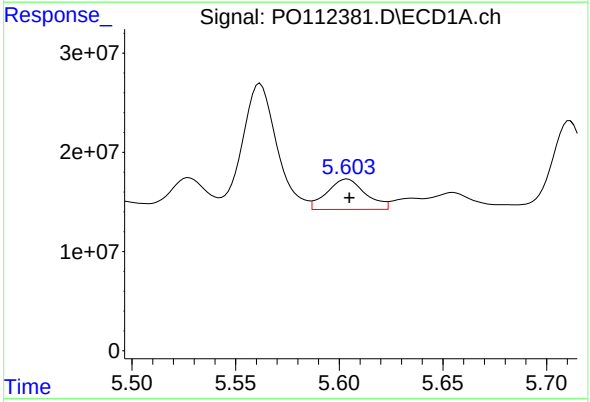
R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 135250965
Conc: 600.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



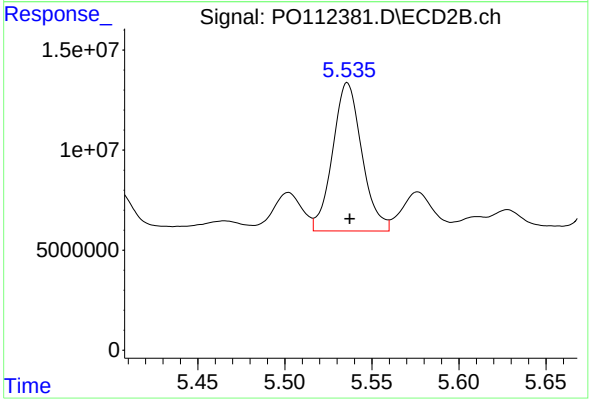
#19 AR-1242-4

R.T.: 5.016 min
Delta R.T.: -0.001 min
Response: 78356304
Conc: 552.42 ng/ml



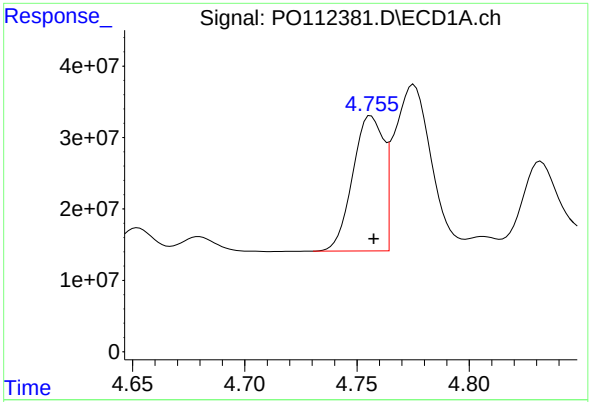
#20 AR-1242-5

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 39800546
Conc: 188.03 ng/ml



#20 AR-1242-5

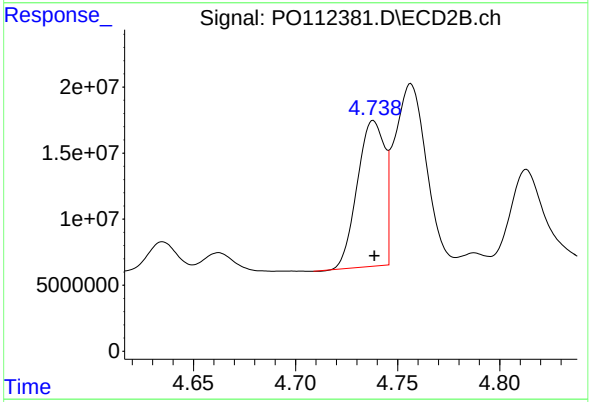
R.T.: 5.536 min
Delta R.T.: -0.001 min
Response: 86773714
Conc: 477.48 ng/ml



#21 AR-1248-1

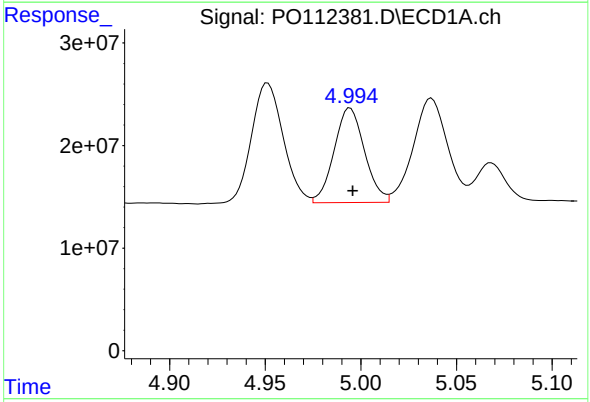
R.T.: 4.756 min
Delta R.T.: -0.001 min
Response: 180862710
Conc: 797.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



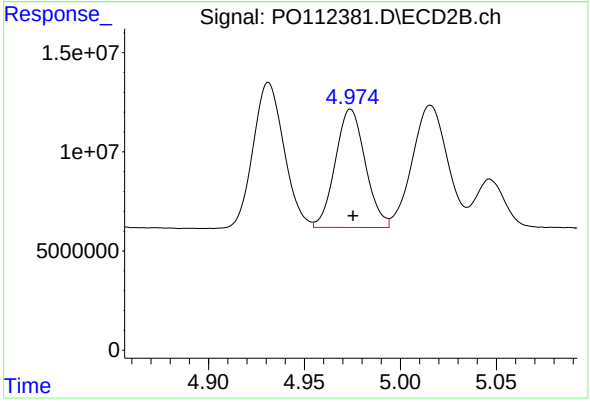
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 102328989
Conc: 662.89 ng/ml



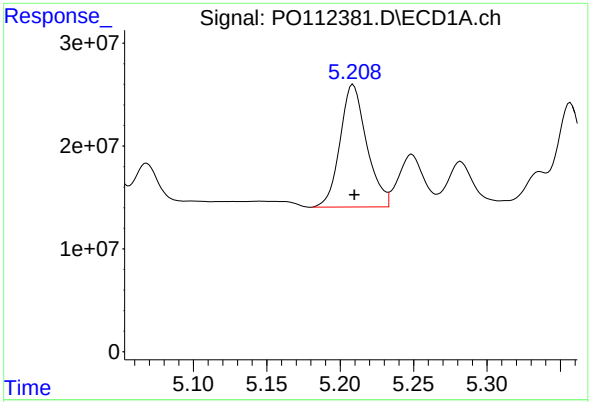
#22 AR-1248-2

R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 102360025
Conc: 331.99 ng/ml



#22 AR-1248-2

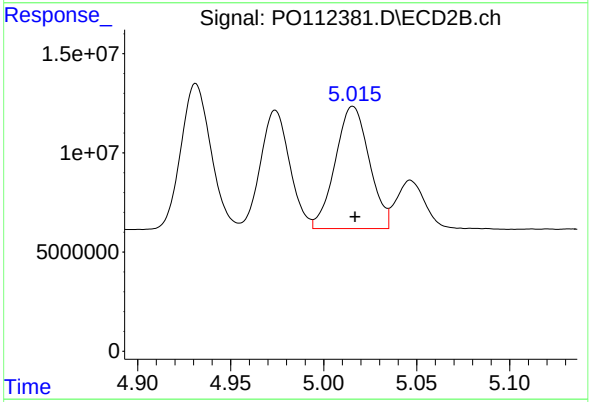
R.T.: 4.974 min
Delta R.T.: -0.001 min
Response: 65031858
Conc: 316.05 ng/ml



#23 AR-1248-3

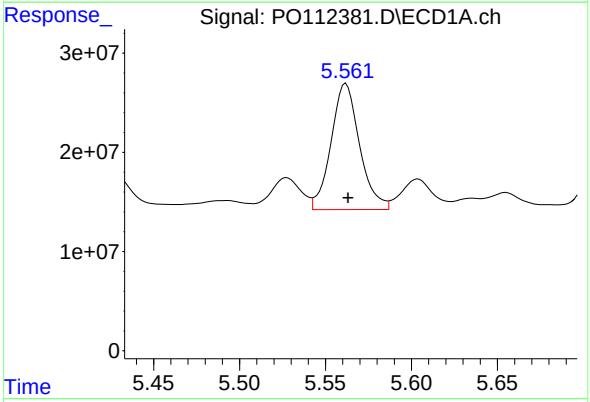
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 150287384
Conc: 368.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



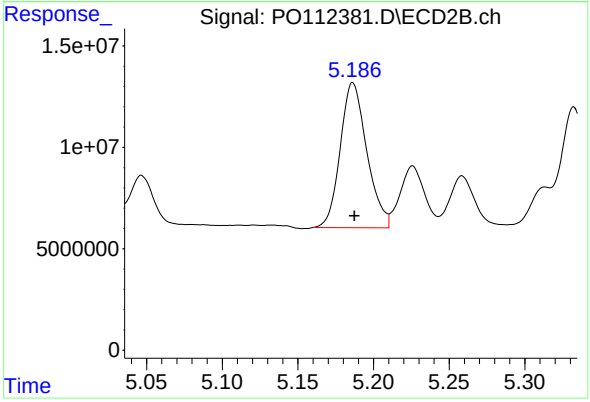
#23 AR-1248-3

R.T.: 5.016 min
Delta R.T.: -0.001 min
Response: 78356304
Conc: 364.79 ng/ml



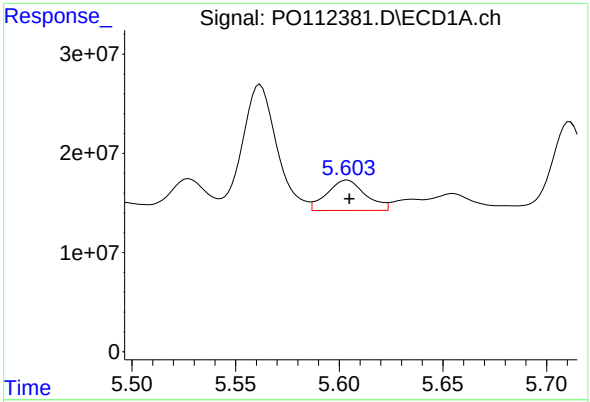
#24 AR-1248-4

R.T.: 5.562 min
Delta R.T.: -0.001 min
Response: 146966864
Conc: 254.64 ng/ml



#24 AR-1248-4

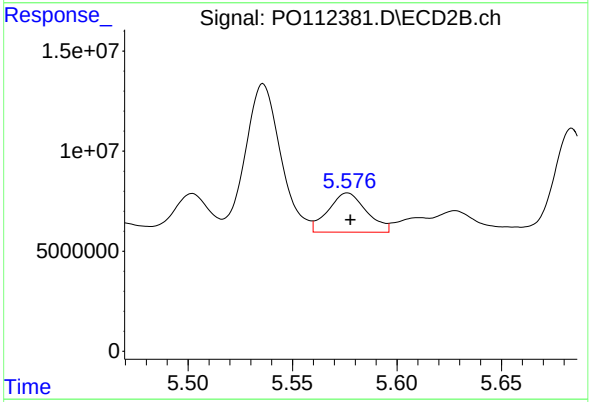
R.T.: 5.186 min
Delta R.T.: -0.001 min
Response: 87512117
Conc: 338.24 ng/ml



#25 AR-1248-5

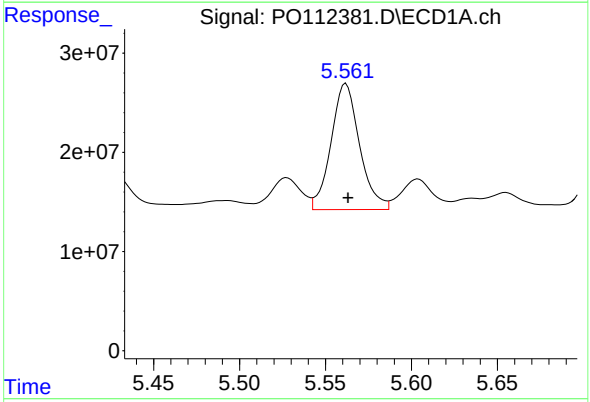
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 39800546
Conc: 101.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



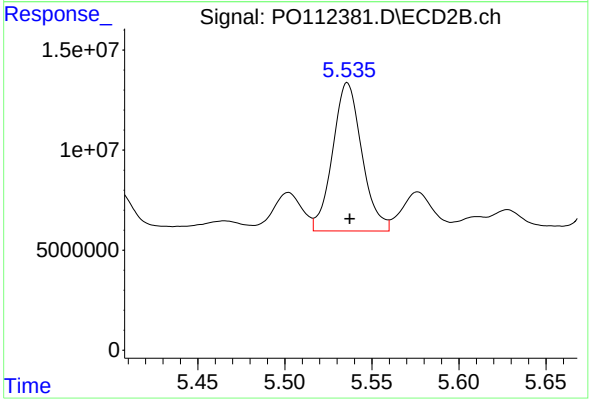
#25 AR-1248-5

R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 25069754
Conc: 100.06 ng/ml



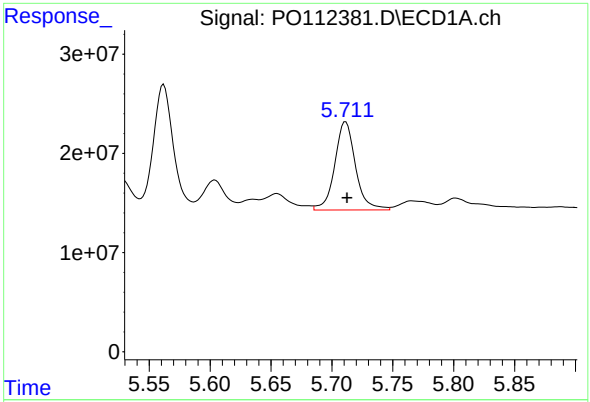
#26 AR-1254-1

R.T.: 5.562 min
Delta R.T.: -0.001 min
Response: 146966864
Conc: 238.93 ng/ml



#26 AR-1254-1

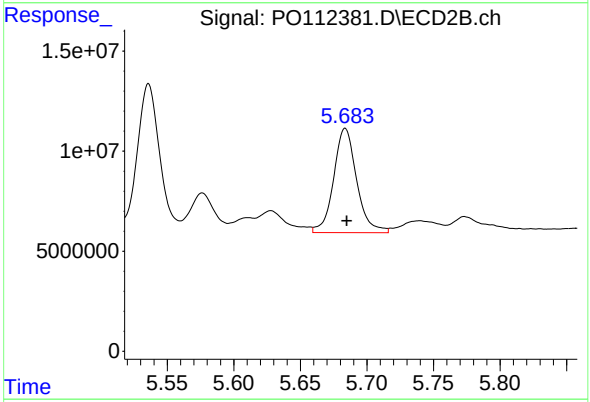
R.T.: 5.536 min
Delta R.T.: -0.001 min
Response: 86773714
Conc: 227.65 ng/ml



#27 AR-1254-2

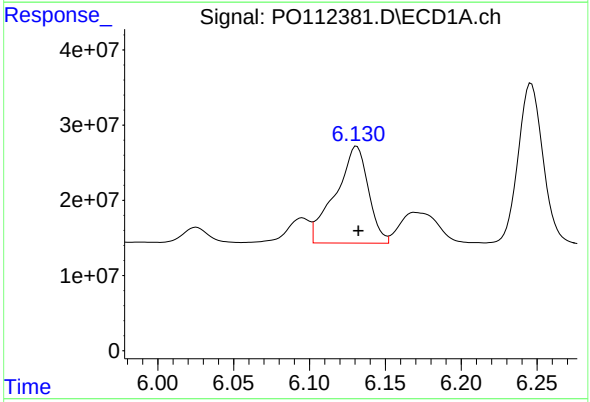
R.T.: 5.711 min
Delta R.T.: -0.001 min
Response: 105695298
Conc: 197.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



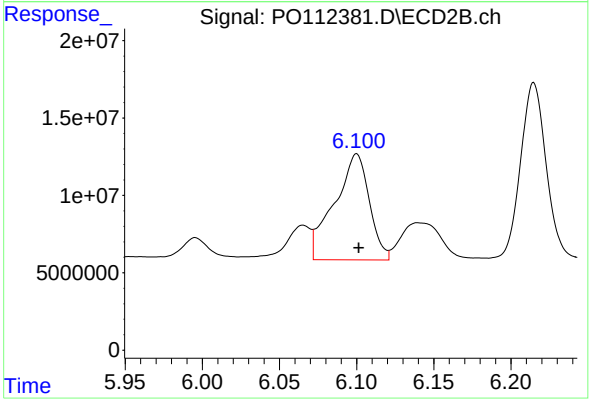
#27 AR-1254-2

R.T.: 5.684 min
Delta R.T.: -0.001 min
Response: 62838205
Conc: 189.38 ng/ml



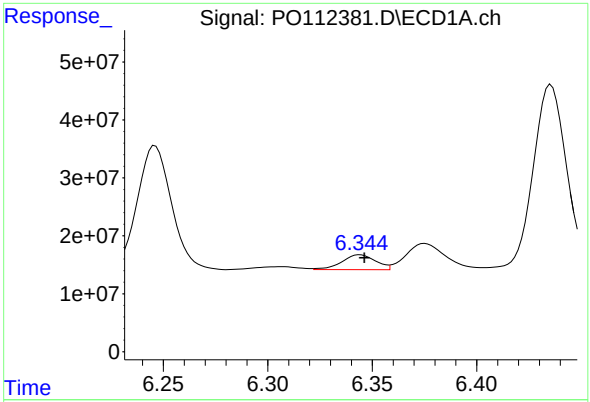
#28 AR-1254-3

R.T.: 6.131 min
Delta R.T.: -0.001 min
Response: 194870048
Conc: 232.10 ng/ml



#28 AR-1254-3

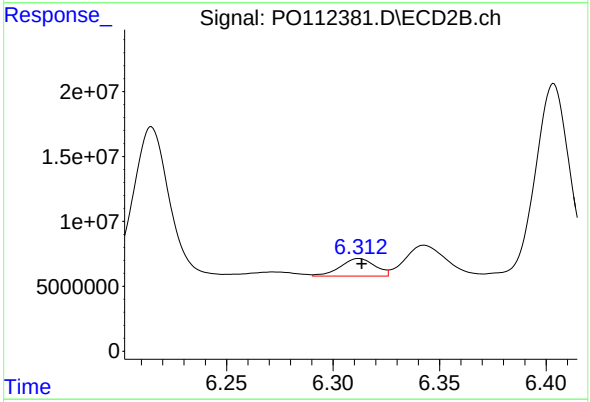
R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 108017982
Conc: 224.08 ng/ml



#29 AR-1254-4

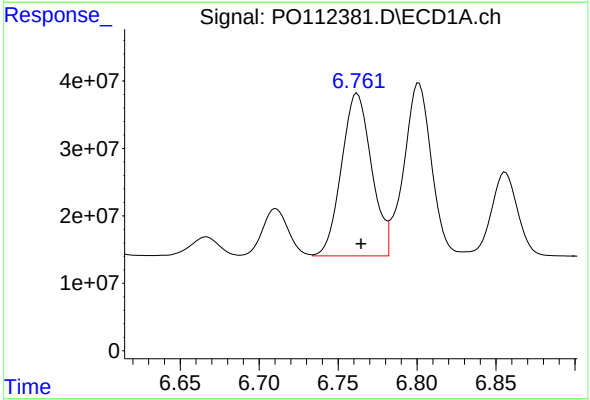
R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 28936254
Conc: 60.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



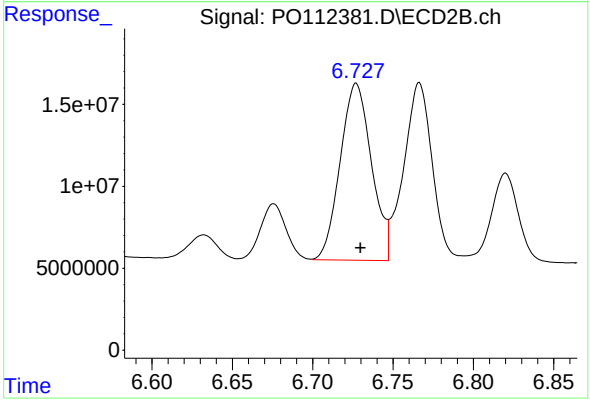
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.001 min
Response: 15324206
Conc: 58.78 ng/ml



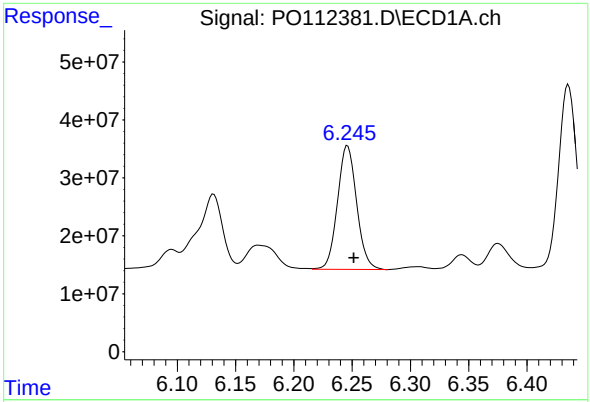
#30 AR-1254-5

R.T.: 6.762 min
Delta R.T.: -0.002 min
Response: 319678834
Conc: 413.05 ng/ml



#30 AR-1254-5

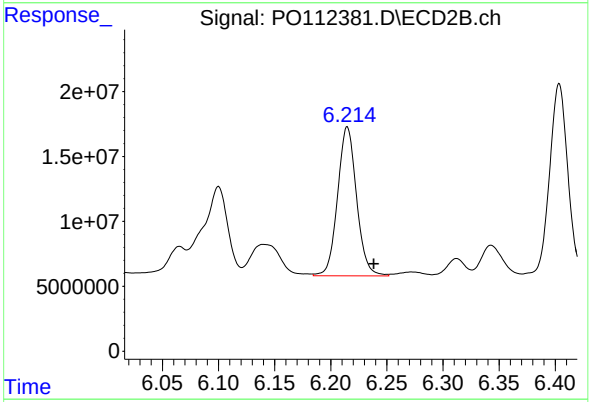
R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 146236236
Conc: 410.37 ng/ml



#31 AR-1260-1

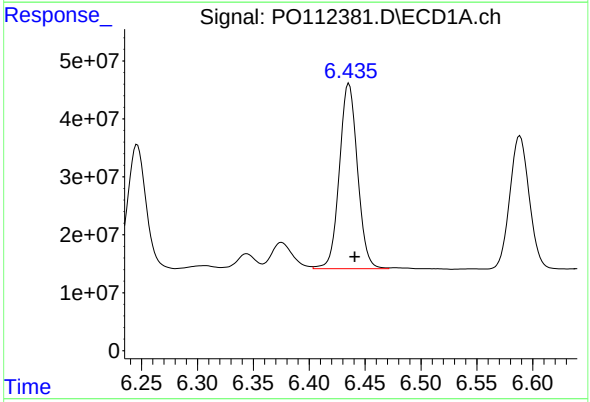
R.T.: 6.246 min
Delta R.T.: -0.005 min
Response: 244719104
Conc: 488.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



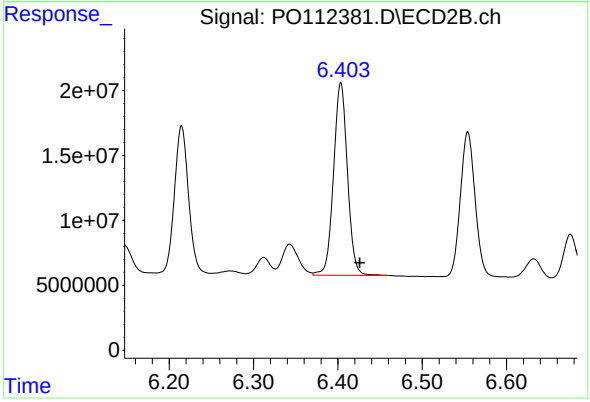
#31 AR-1260-1

R.T.: 6.215 min
Delta R.T.: -0.023 min
Response: 135145555
Conc: 481.70 ng/ml



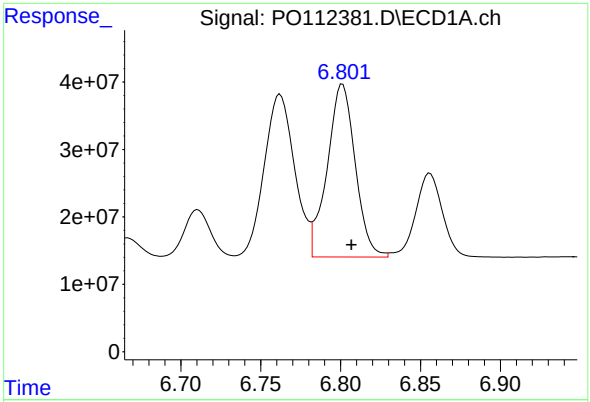
#32 AR-1260-2

R.T.: 6.436 min
Delta R.T.: -0.005 min
Response: 360404699
Conc: 488.26 ng/ml



#32 AR-1260-2

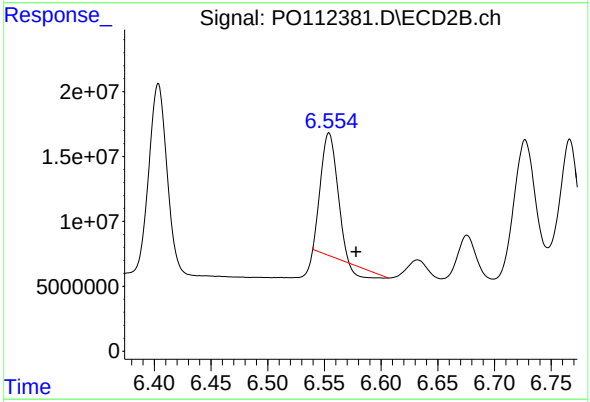
R.T.: 6.404 min
Delta R.T.: -0.022 min
Response: 169754475
Conc: 499.28 ng/ml



#33 AR-1260-3

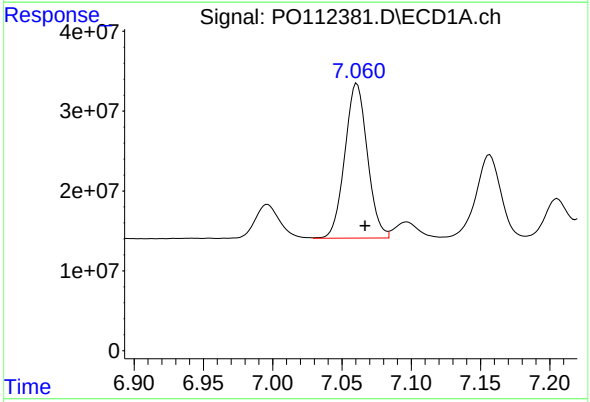
R.T.: 6.801 min
Delta R.T.: -0.005 min
Response: 313295711
Conc: 477.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



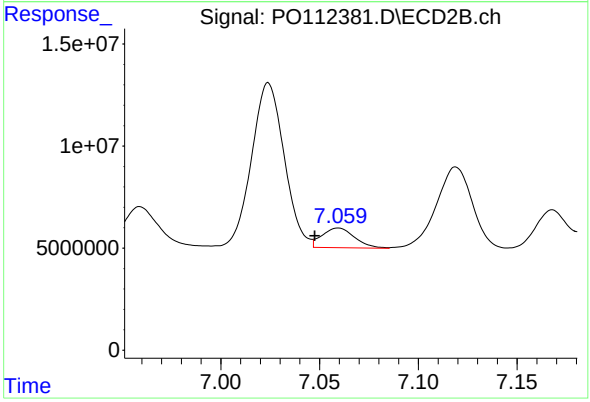
#33 AR-1260-3

R.T.: 6.554 min
Delta R.T.: -0.024 min
Response: 87394780
Conc: 317.12 ng/ml



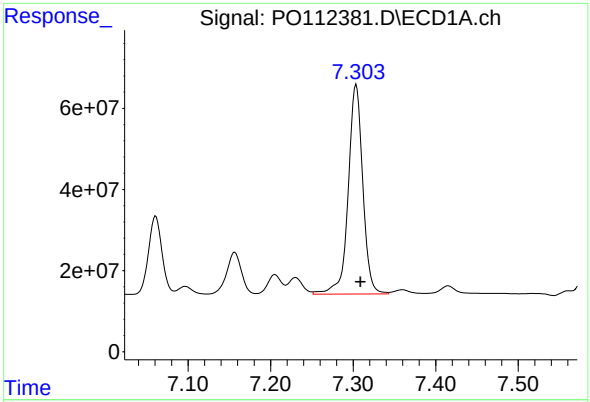
#34 AR-1260-4

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 219427950
Conc: 504.14 ng/ml



#34 AR-1260-4

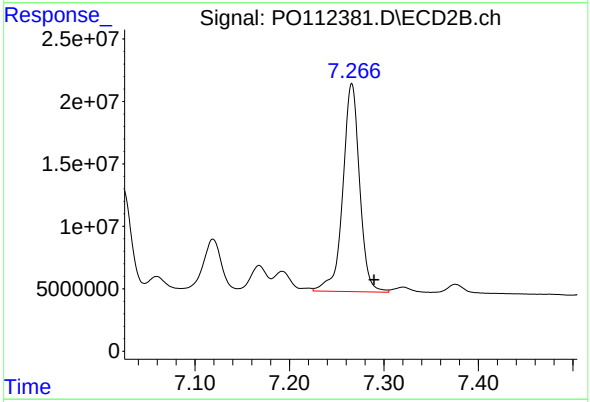
R.T.: 7.059 min
Delta R.T.: 0.012 min
Response: 11069571
Conc: 55.17 ng/ml



#35 AR-1260-5

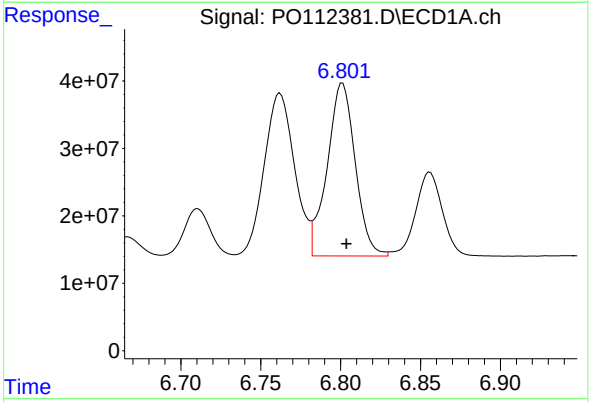
R.T.: 7.304 min
Delta R.T.: -0.005 min
Response: 633483438
Conc: 501.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



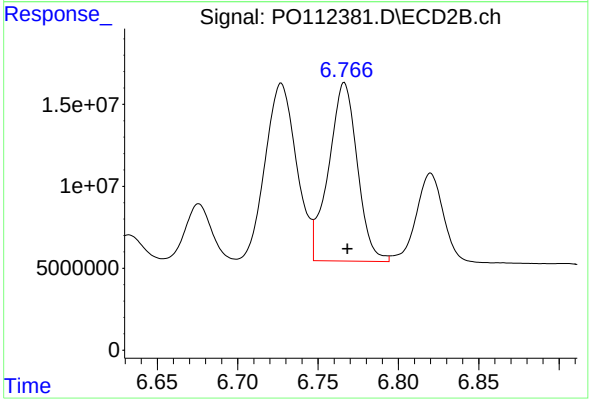
#35 AR-1260-5

R.T.: 7.266 min
Delta R.T.: -0.024 min
Response: 205628634
Conc: 459.27 ng/ml



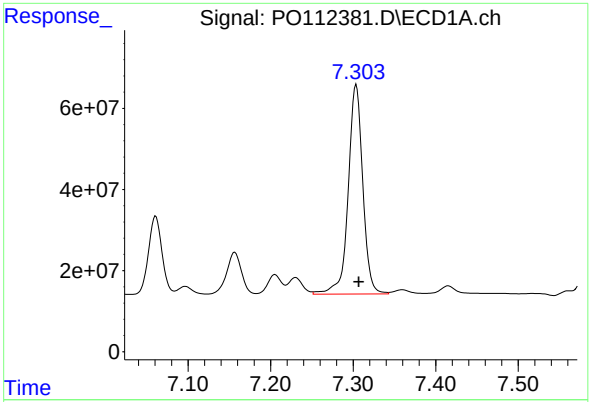
#36 AR-1262-1

R.T.: 6.801 min
Delta R.T.: -0.002 min
Response: 313295711
Conc: 306.65 ng/ml



#36 AR-1262-1

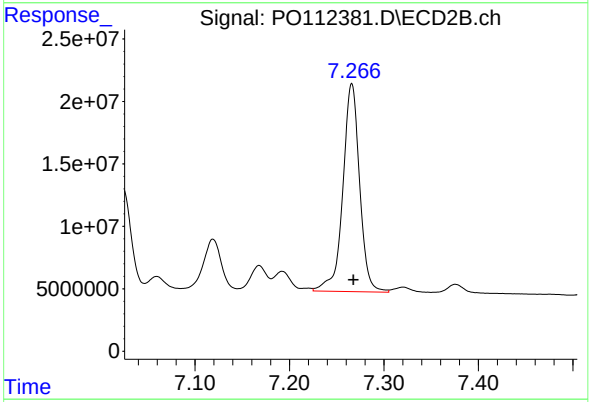
R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 135282397
Conc: 332.13 ng/ml



#37 AR-1262-2

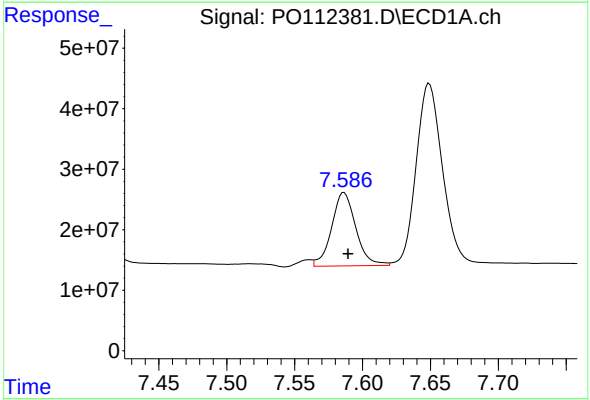
R.T.: 7.304 min
Delta R.T.: -0.003 min
Response: 633483438
Conc: 386.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



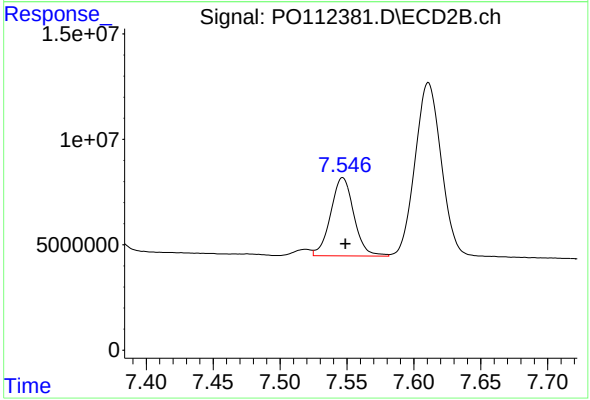
#37 AR-1262-2

R.T.: 7.266 min
Delta R.T.: -0.002 min
Response: 205628634
Conc: 401.19 ng/ml



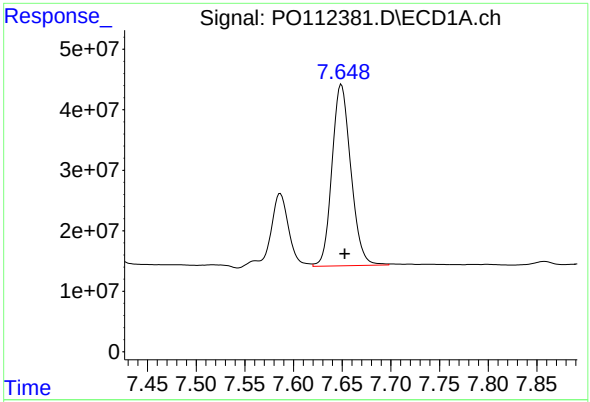
#38 AR-1262-3

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 150801416
Conc: 234.90 ng/ml



#38 AR-1262-3

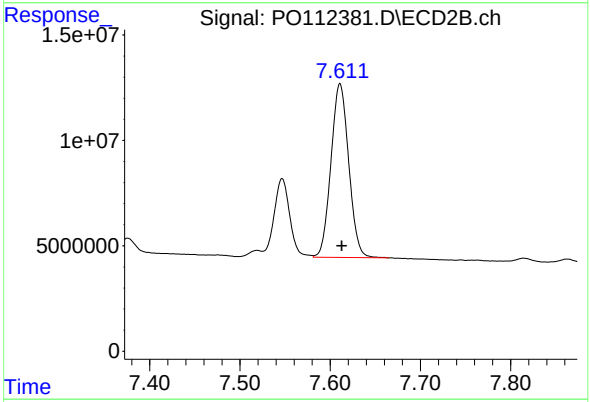
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 44908619
Conc: 250.15 ng/ml



#39 AR-1262-4

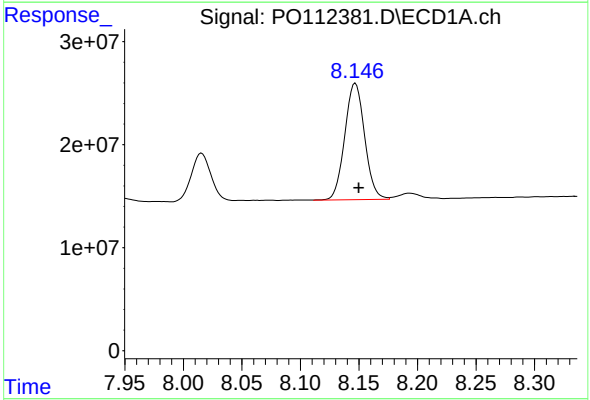
R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 404885637
Conc: 377.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



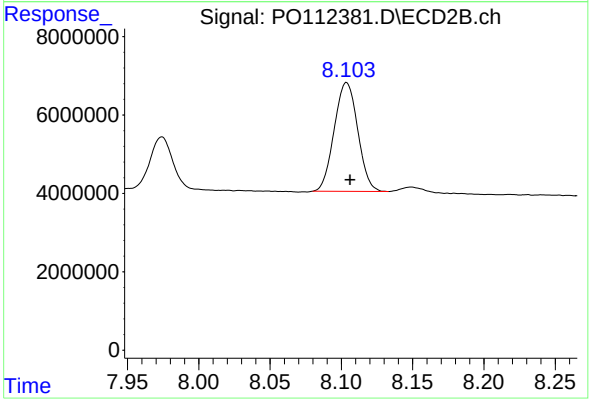
#39 AR-1262-4

R.T.: 7.611 min
Delta R.T.: -0.002 min
Response: 112620008
Conc: 387.12 ng/ml



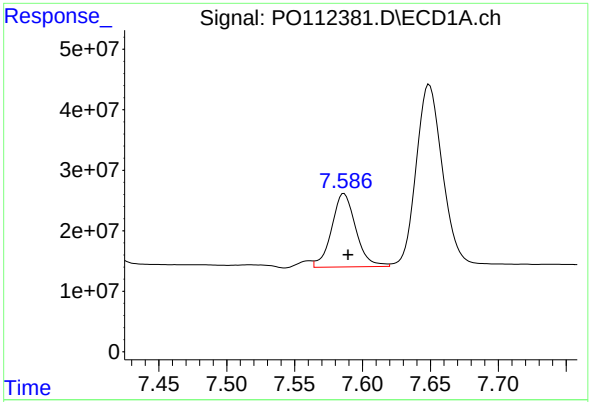
#40 AR-1262-5

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 133375109
Conc: 297.62 ng/ml



#40 AR-1262-5

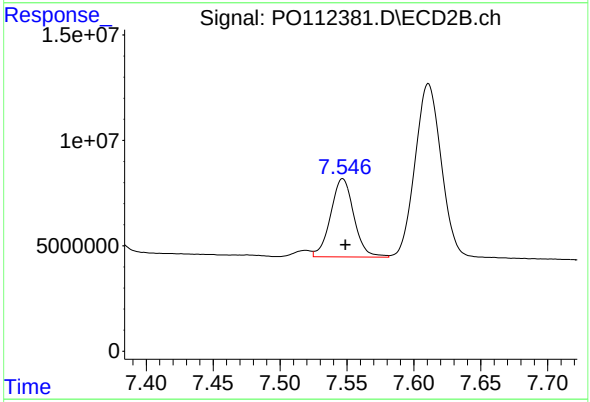
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 31930474
Conc: 301.85 ng/ml



#41 AR-1268-1

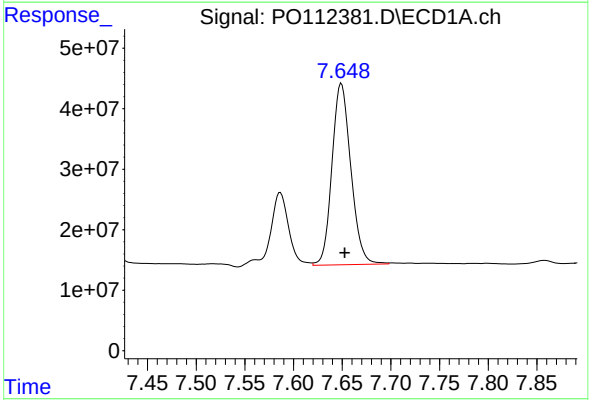
R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 150801416
Conc: 82.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



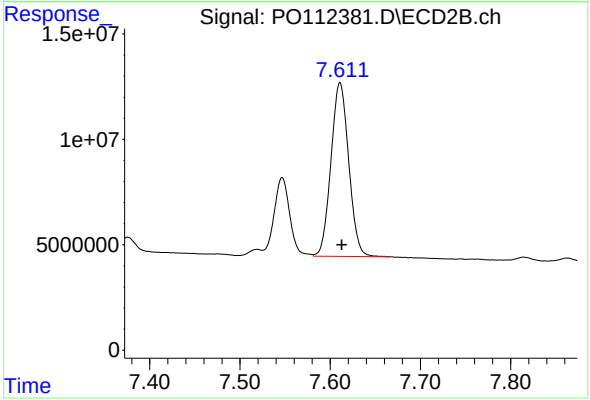
#41 AR-1268-1

R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 44908619
Conc: 91.38 ng/ml



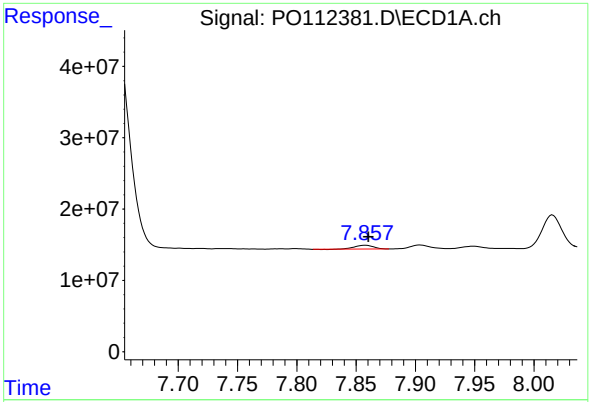
#42 AR-1268-2

R.T.: 7.649 min
Delta R.T.: -0.003 min
Response: 404885637
Conc: 259.94 ng/ml



#42 AR-1268-2

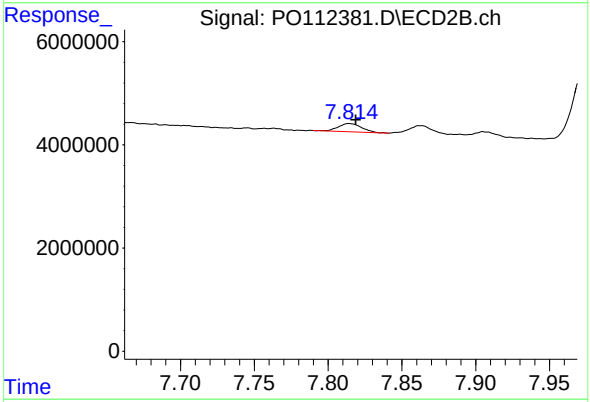
R.T.: 7.611 min
Delta R.T.: -0.002 min
Response: 112620008
Conc: 269.95 ng/ml



#43 AR-1268-3

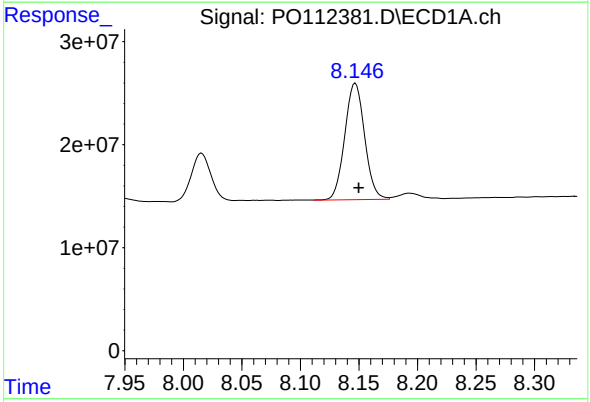
R.T.: 7.858 min
Delta R.T.: -0.003 min
Response: 5775100
Conc: 4.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



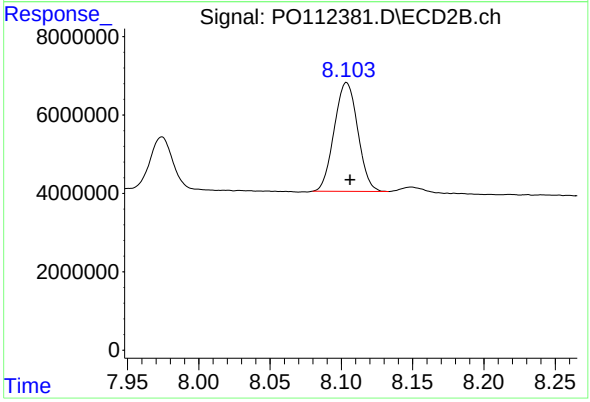
#43 AR-1268-3

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 1744375
Conc: 5.51 ng/ml



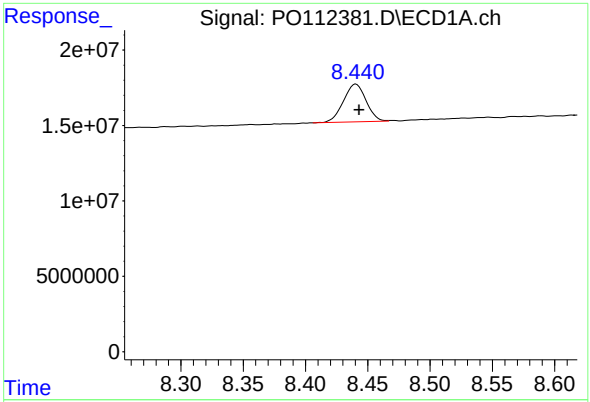
#44 AR-1268-4

R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 133375109
Conc: 277.63 ng/ml



#44 AR-1268-4

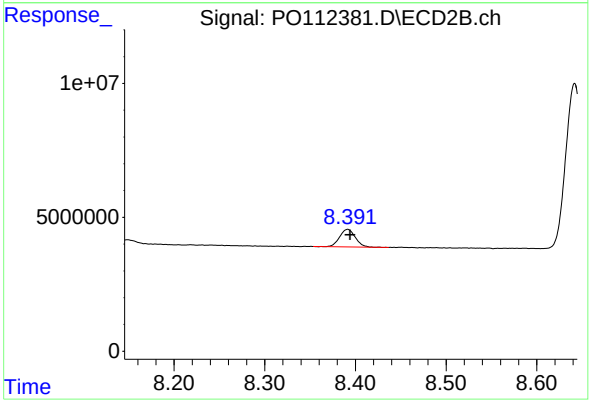
R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 31930474
Conc: 286.34 ng/ml



#45 AR-1268-5

R.T.: 8.441 min
Delta R.T.: -0.003 min
Response: 31825405
Conc: 9.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.391 min
Delta R.T.: -0.003 min
Response: 7796084
Conc: 10.73 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
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: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.780	36726195	48601054	25.988	25.943
2)	SA Decachlor...	10.180	8.781	29096309	36663112	25.387	27.681
	Target Compounds						
3)	L1 AR-1016-1	5.640	4.858	12627919	18293907	267.888	266.983
4)	L1 AR-1016-2	5.662	4.876	19179159	27468197	266.197	267.749
5)	L1 AR-1016-3	5.723	5.053	11597460	14482667	262.608	264.046
6)	L1 AR-1016-4	5.821	5.095	9615182	11760046	262.767	267.901
7)	L1 AR-1016-5	6.113	5.308	8568508	14818058	261.344	266.223
31)	L7 AR-1260-1	7.231	6.339	15831007	26051826	265.337	261.903
32)	L7 AR-1260-2	7.484	6.527	24493361	32462748	270.963	261.789
33)	L7 AR-1260-3	7.843	6.679	19201014	29417085	257.072	261.967
34)	L7 AR-1260-4	8.066	7.148	17258868	25990153	258.636	281.433
35)	L7 AR-1260-5	8.385	7.391	40210084	64242310	259.594	276.638

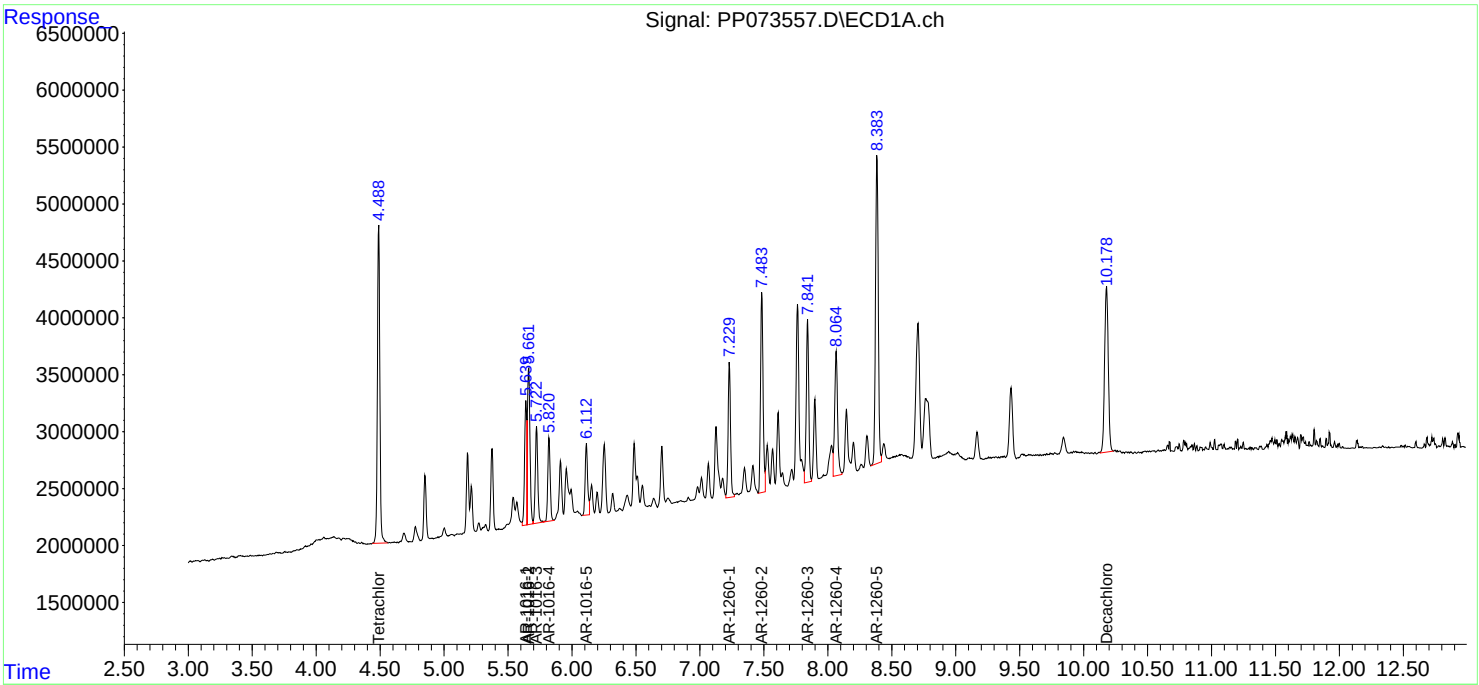
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

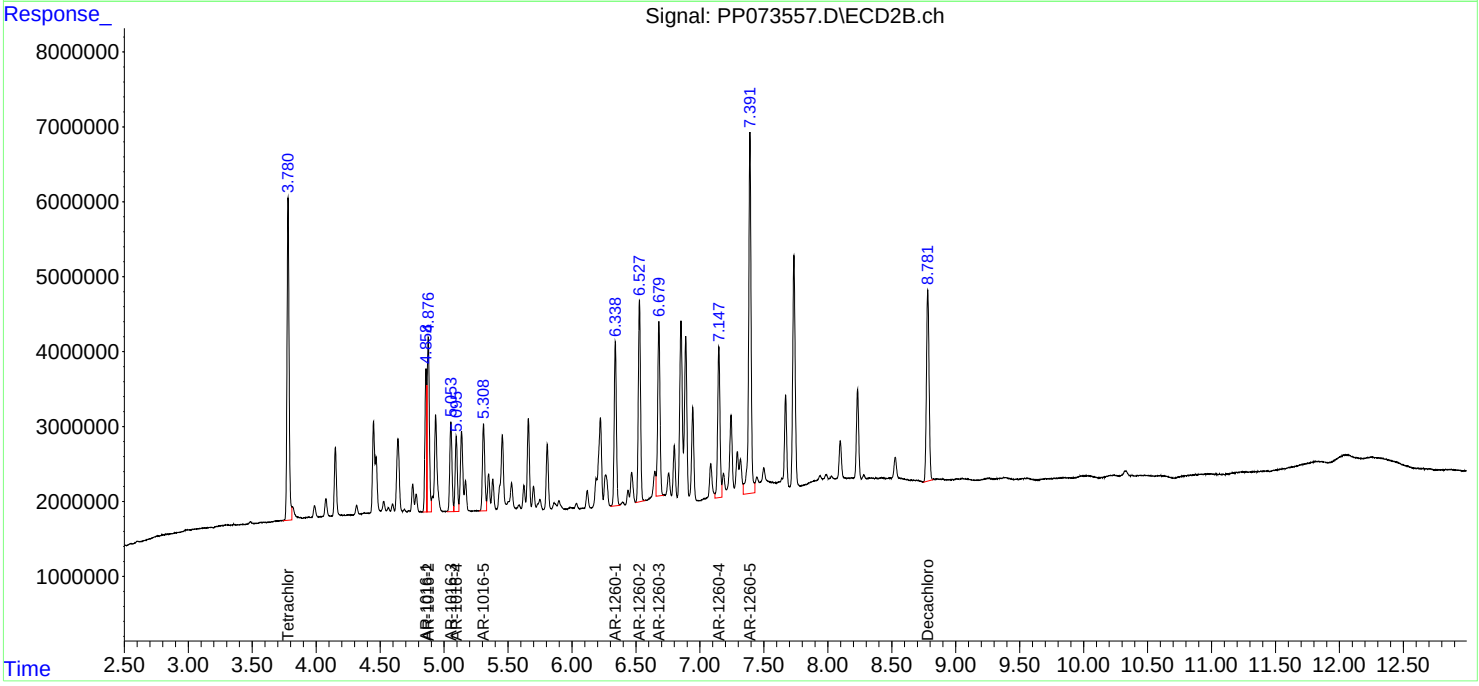
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

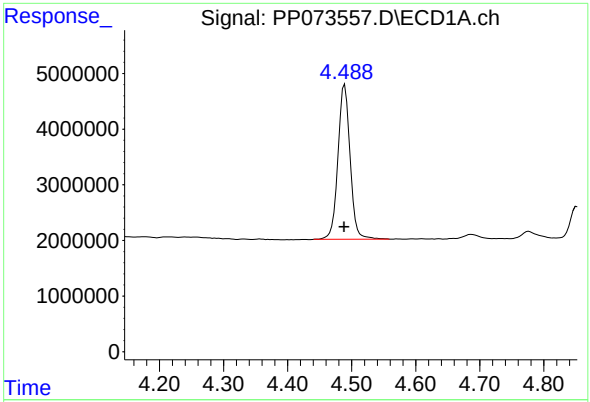
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



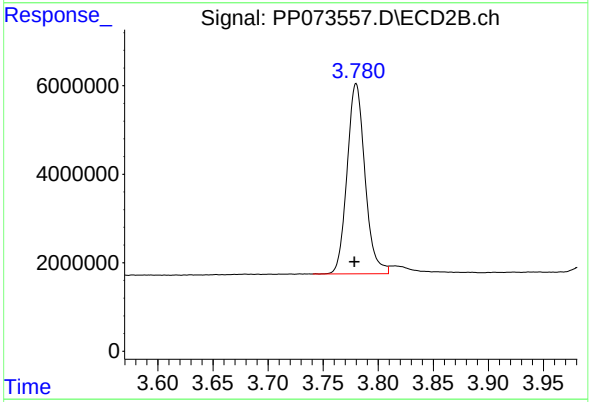




#1 Tetrachloro-m-xylene

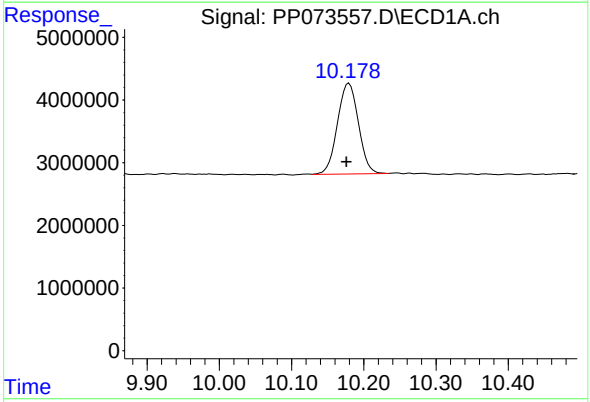
R.T.: 4.489 min
Delta R.T.: 0.001 min
Response: 36726195
Conc: 25.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



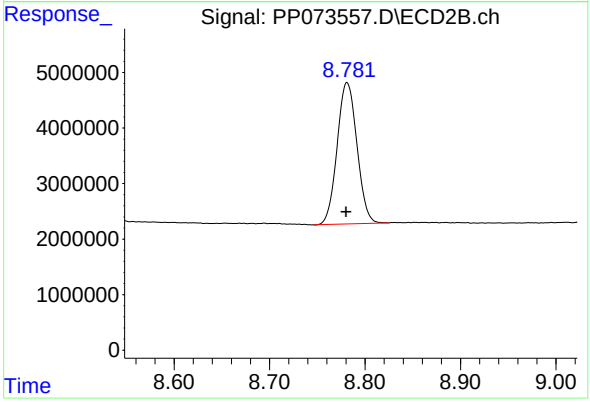
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 48601054
Conc: 25.94 ng/ml



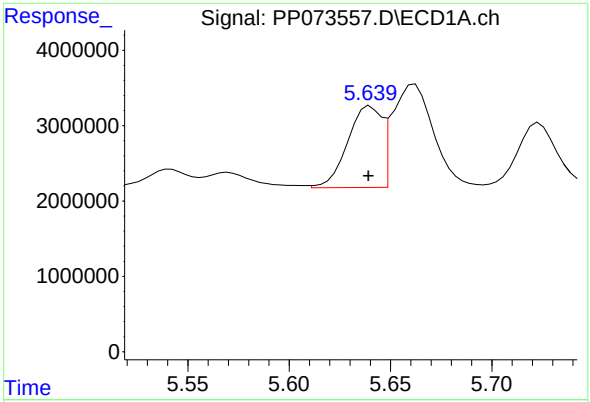
#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: 0.003 min
Response: 29096309
Conc: 25.39 ng/ml



#2 Decachlorobiphenyl

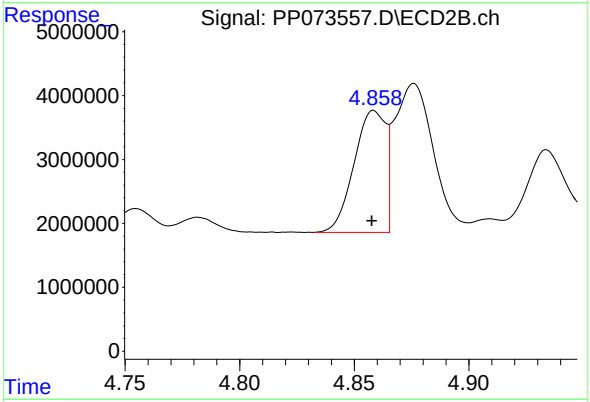
R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 36663112
Conc: 27.68 ng/ml



#3 AR-1016-1

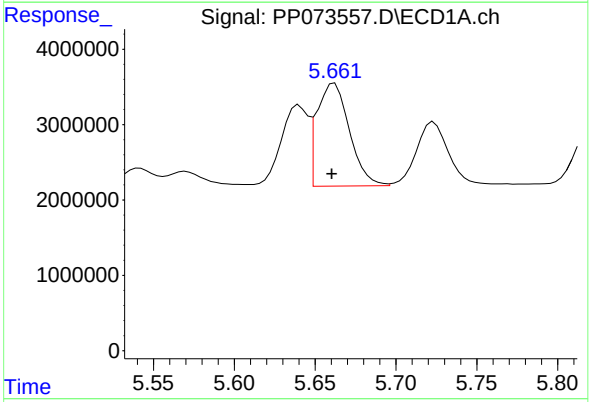
R.T.: 5.640 min
Delta R.T.: 0.001 min
Response: 12627919
Conc: 267.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



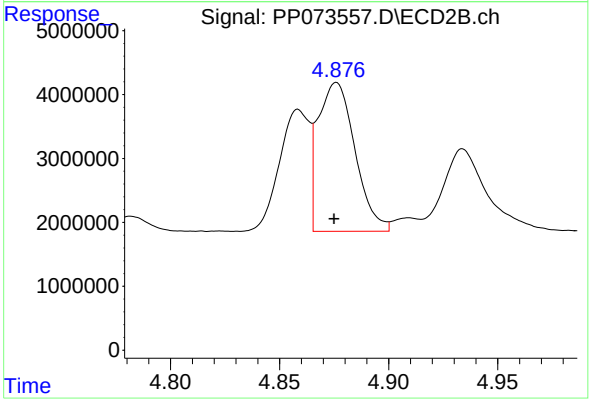
#3 AR-1016-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 18293907
Conc: 266.98 ng/ml



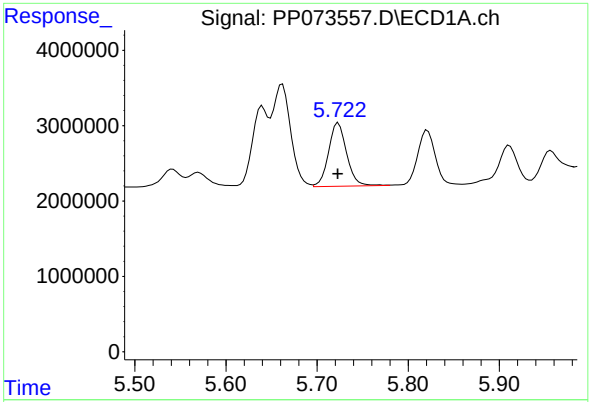
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: 0.002 min
Response: 19179159
Conc: 266.20 ng/ml



#4 AR-1016-2

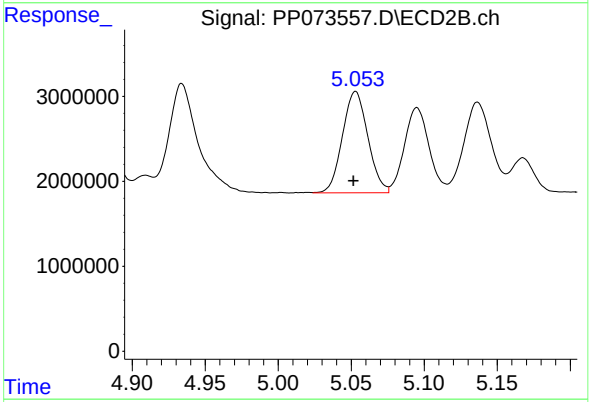
R.T.: 4.876 min
Delta R.T.: 0.001 min
Response: 27468197
Conc: 267.75 ng/ml



#5 AR-1016-3

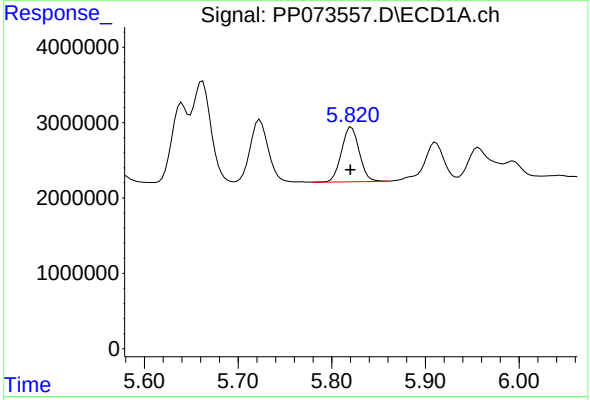
R.T.: 5.723 min
Delta R.T.: 0.000 min
Response: 11597460
Conc: 262.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



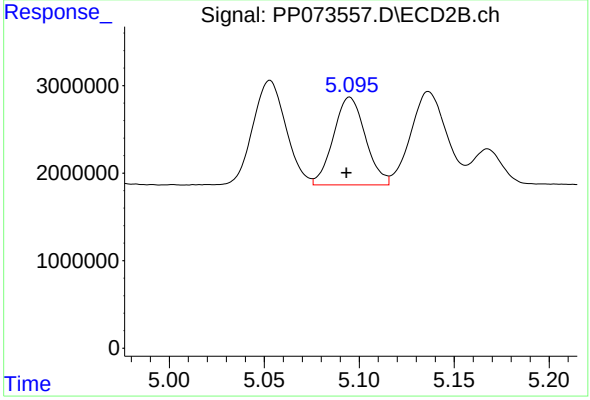
#5 AR-1016-3

R.T.: 5.053 min
Delta R.T.: 0.002 min
Response: 14482667
Conc: 264.05 ng/ml



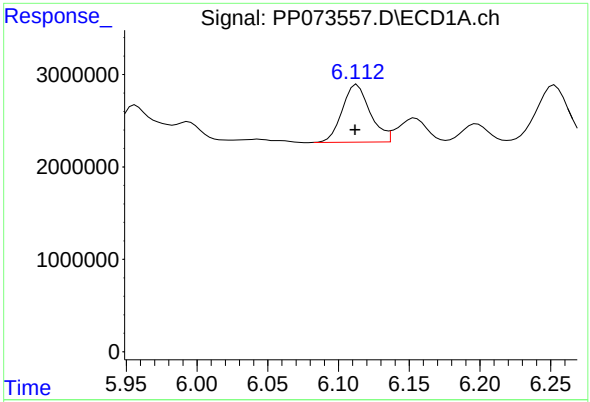
#6 AR-1016-4

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 9615182
Conc: 262.77 ng/ml



#6 AR-1016-4

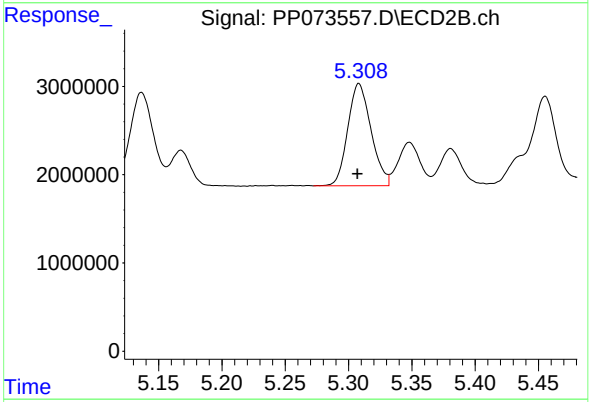
R.T.: 5.095 min
Delta R.T.: 0.002 min
Response: 11760046
Conc: 267.90 ng/ml



#7 AR-1016-5

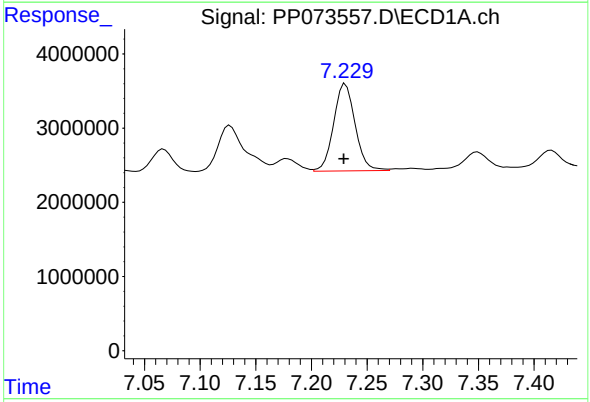
R.T.: 6.113 min
Delta R.T.: 0.001 min
Response: 8568508
Conc: 261.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



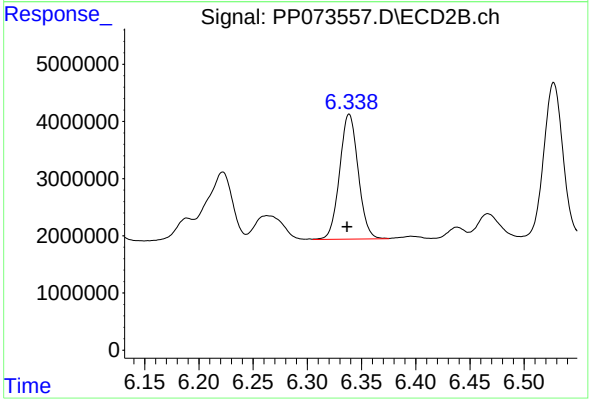
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.001 min
Response: 14818058
Conc: 266.22 ng/ml



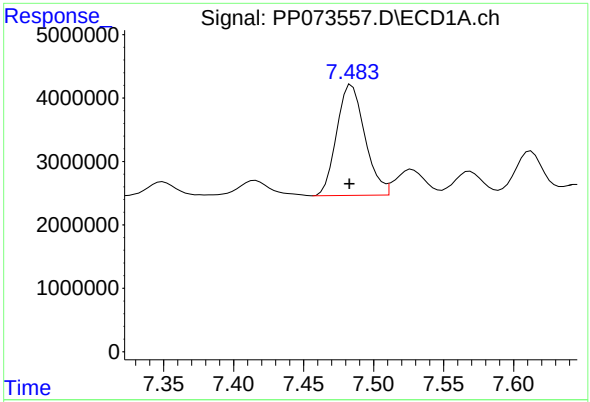
#31 AR-1260-1

R.T.: 7.231 min
Delta R.T.: 0.002 min
Response: 15831007
Conc: 265.34 ng/ml



#31 AR-1260-1

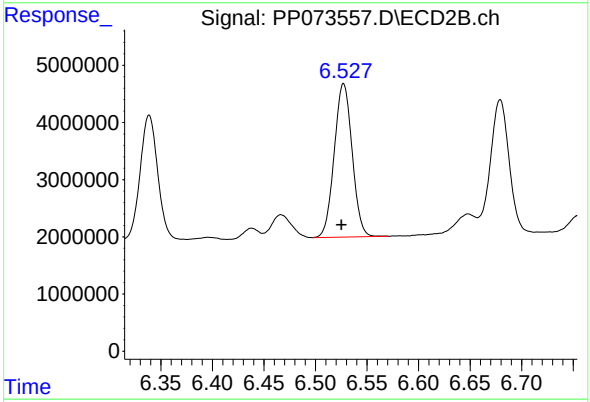
R.T.: 6.339 min
Delta R.T.: 0.002 min
Response: 26051826
Conc: 261.90 ng/ml



#32 AR-1260-2

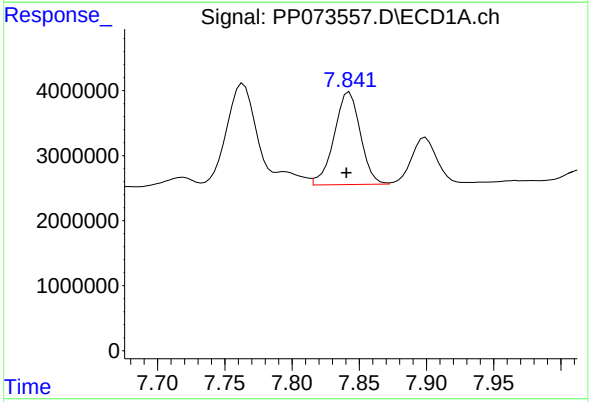
R.T.: 7.484 min
Delta R.T.: 0.002 min
Response: 24493361
Conc: 270.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



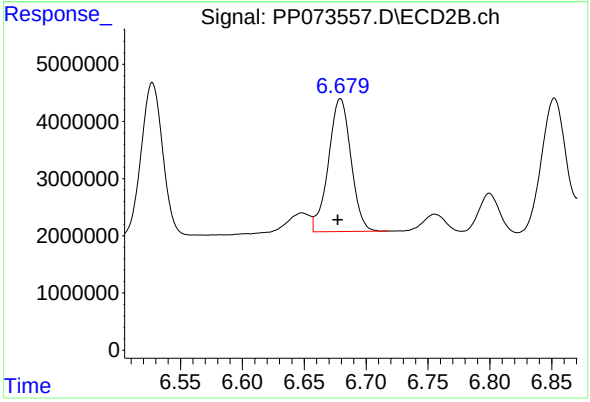
#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 32462748
Conc: 261.79 ng/ml



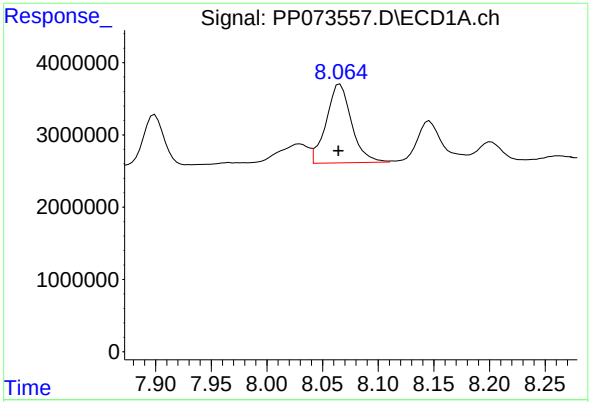
#33 AR-1260-3

R.T.: 7.843 min
Delta R.T.: 0.002 min
Response: 19201014
Conc: 257.07 ng/ml



#33 AR-1260-3

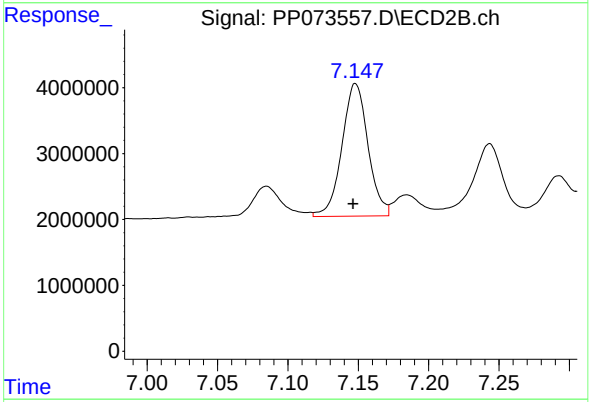
R.T.: 6.679 min
Delta R.T.: 0.002 min
Response: 29417085
Conc: 261.97 ng/ml



#34 AR-1260-4

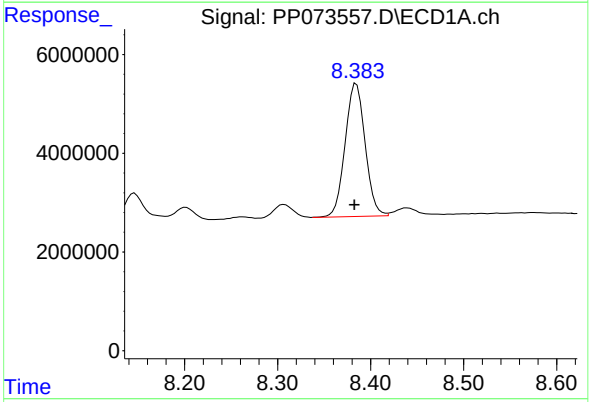
R.T.: 8.066 min
Delta R.T.: 0.001 min
Response: 17258868
Conc: 258.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



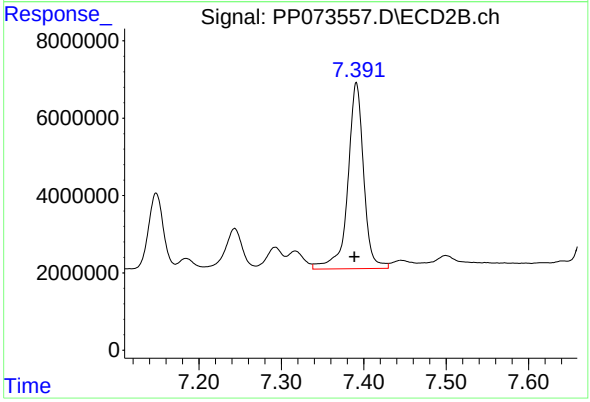
#34 AR-1260-4

R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 25990153
Conc: 281.43 ng/ml



#35 AR-1260-5

R.T.: 8.385 min
Delta R.T.: 0.002 min
Response: 40210084
Conc: 259.59 ng/ml



#35 AR-1260-5

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 64242310
Conc: 276.64 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
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: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.779	6400868	8634125	4.529	4.609
2)	SA Decachlor...	10.173	8.780	4780120	5986472	4.171	4.520
	Target Compounds						
3)	L1 AR-1016-1	5.637	4.857	2553683	3433572	54.174	50.110
4)	L1 AR-1016-2	5.658	4.875	3532445	5058097	49.029	49.304
5)	L1 AR-1016-3	5.719	5.052	2287754	2711653	51.803	49.438
6)	L1 AR-1016-4	5.817	5.094	1779663	2333668	48.635	53.162
7)	L1 AR-1016-5	6.109	5.307	1335478	2709671	40.733	48.682
31)	L7 AR-1260-1	7.226	6.337	2914675	5720547	48.852	57.510
32)	L7 AR-1260-2	7.482	6.525	6085083	6438631	67.317	51.923
33)	L7 AR-1260-3	7.838	6.677	3450365	5301254	46.195	47.209
34)	L7 AR-1260-4	8.061	7.146	3038521	5704265	45.534	61.768 #
35)	L7 AR-1260-5	8.379	7.388	6955237	12058667	44.903	51.927

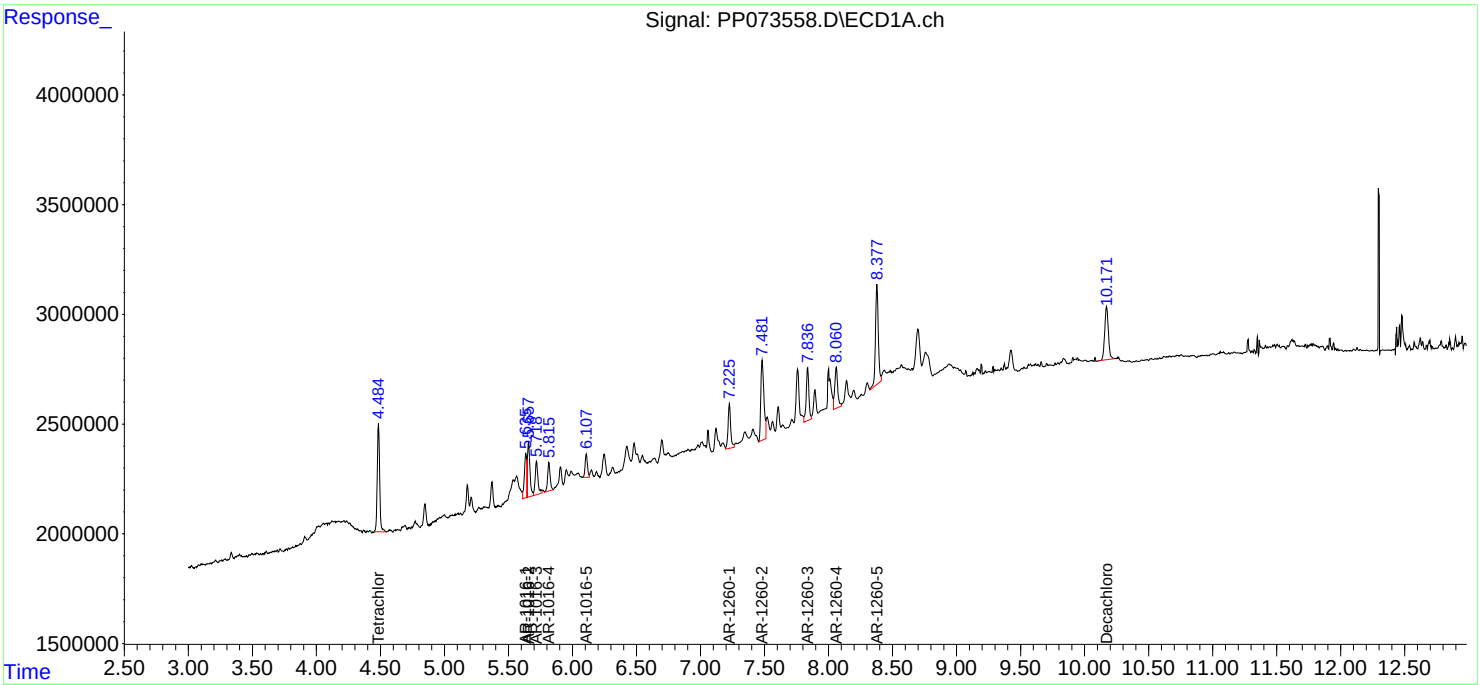
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

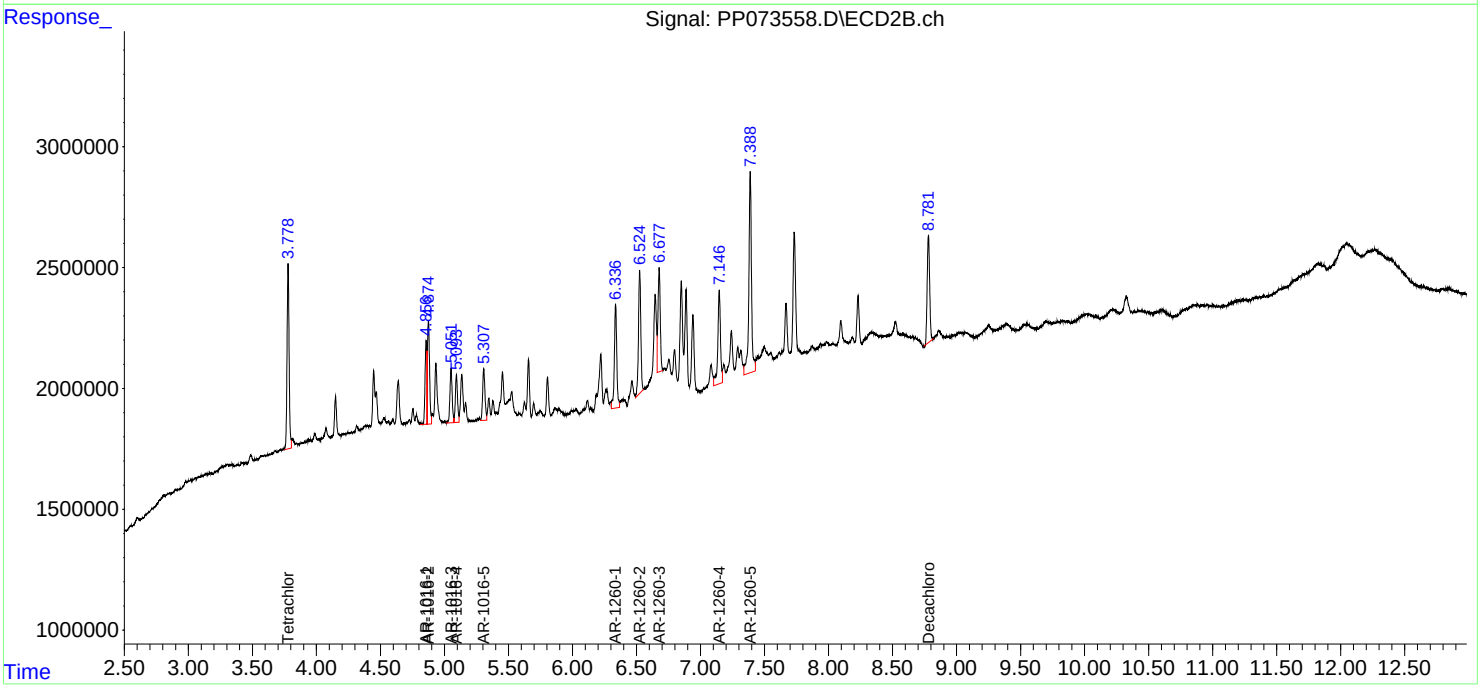
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

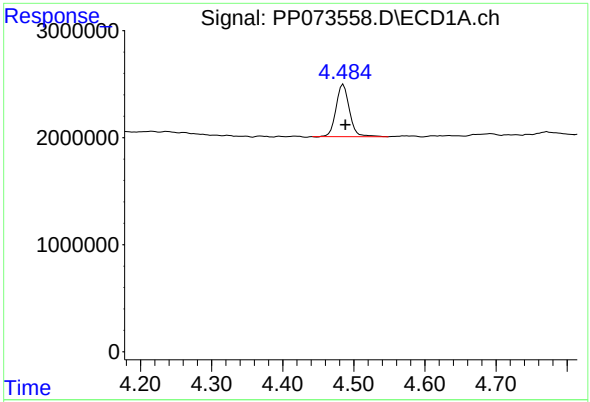
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



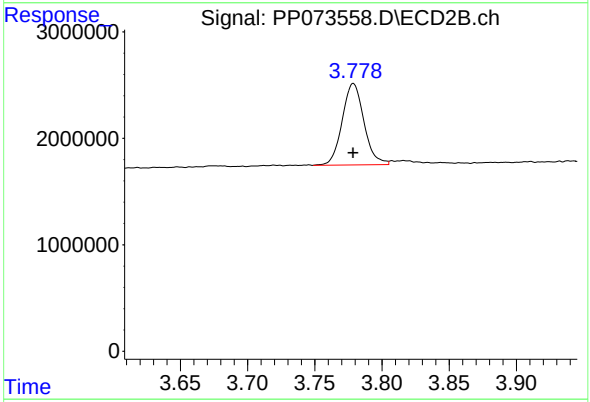




#1 Tetrachloro-m-xylene

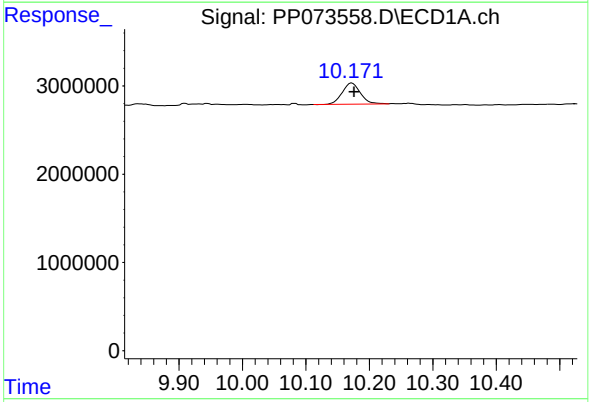
R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 6400868
Conc: 4.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



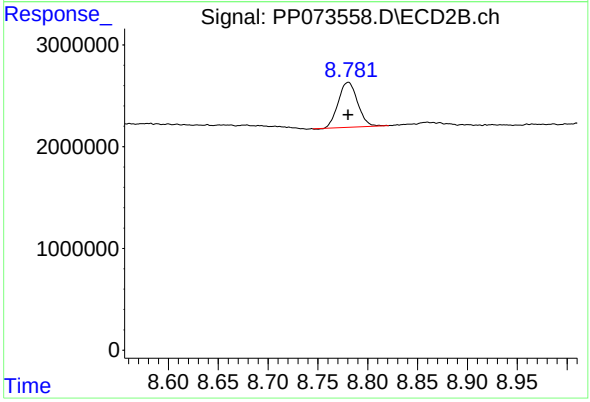
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 8634125
Conc: 4.61 ng/ml



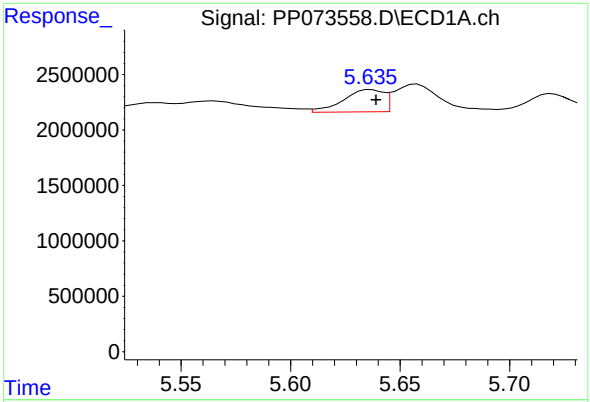
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: -0.004 min
Response: 4780120
Conc: 4.17 ng/ml



#2 Decachlorobiphenyl

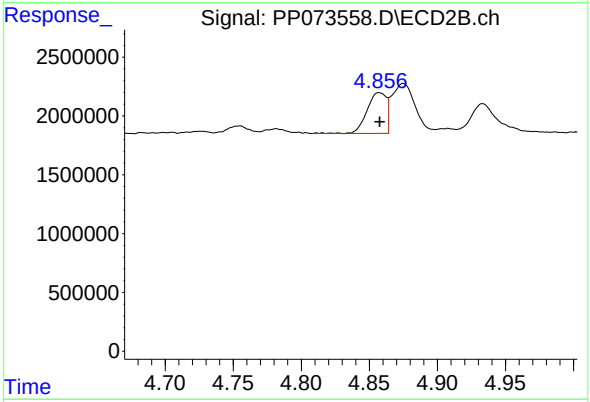
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 5986472
Conc: 4.52 ng/ml



#3 AR-1016-1

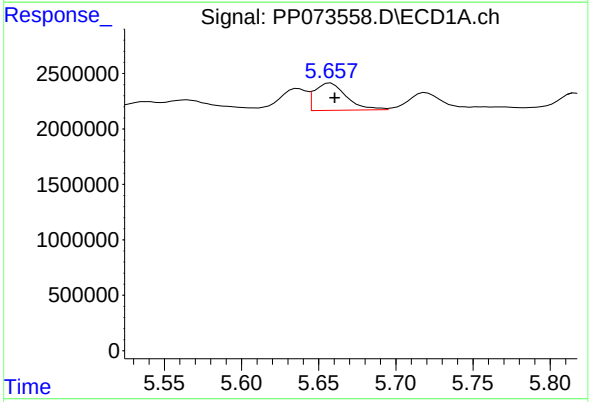
R.T.: 5.637 min
Delta R.T.: -0.002 min
Response: 2553683
Conc: 54.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



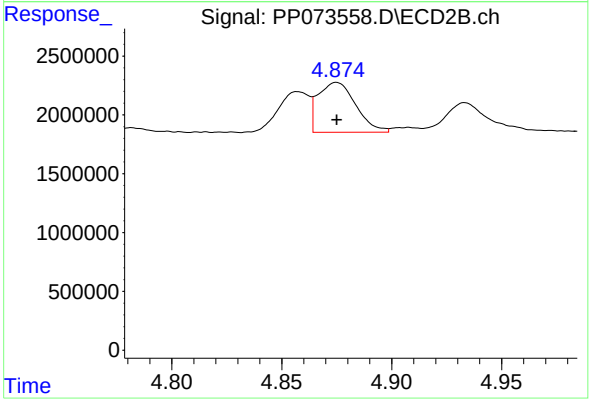
#3 AR-1016-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 3433572
Conc: 50.11 ng/ml



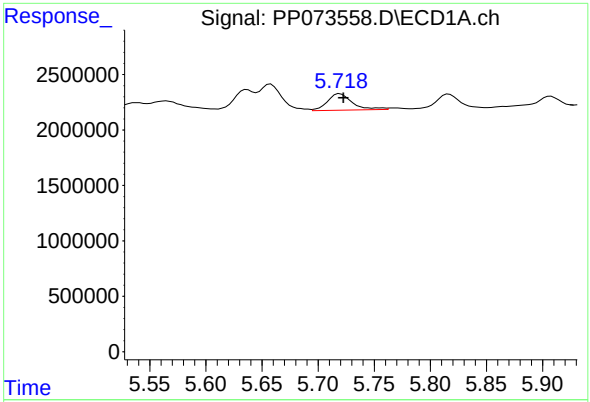
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 3532445
Conc: 49.03 ng/ml



#4 AR-1016-2

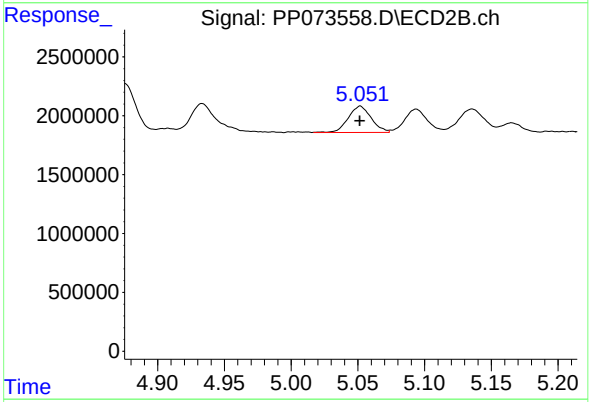
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 5058097
Conc: 49.30 ng/ml



#5 AR-1016-3

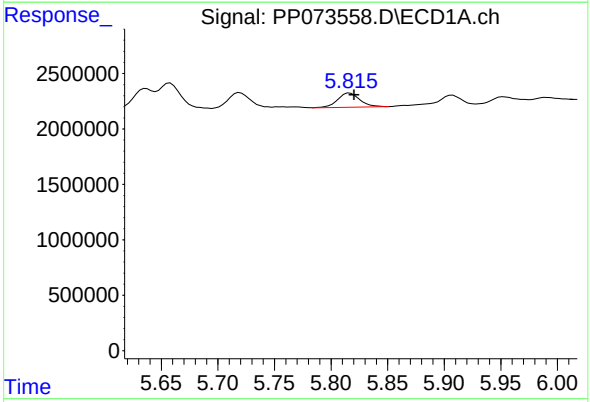
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 2287754
Conc: 51.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



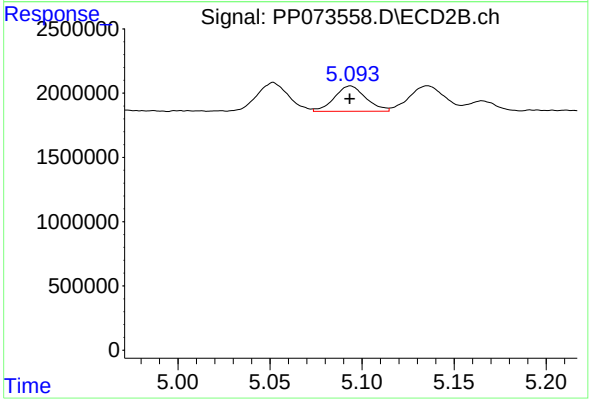
#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 2711653
Conc: 49.44 ng/ml



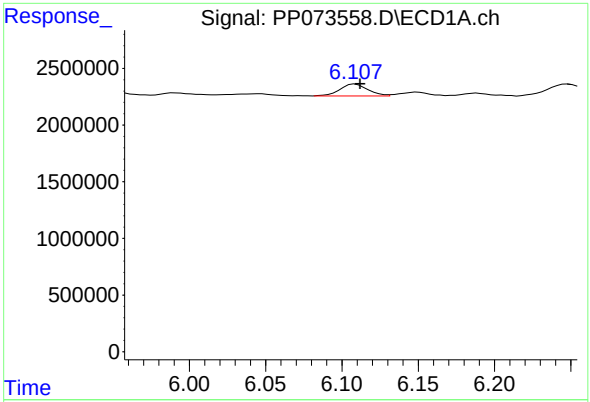
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: -0.004 min
Response: 1779663
Conc: 48.64 ng/ml



#6 AR-1016-4

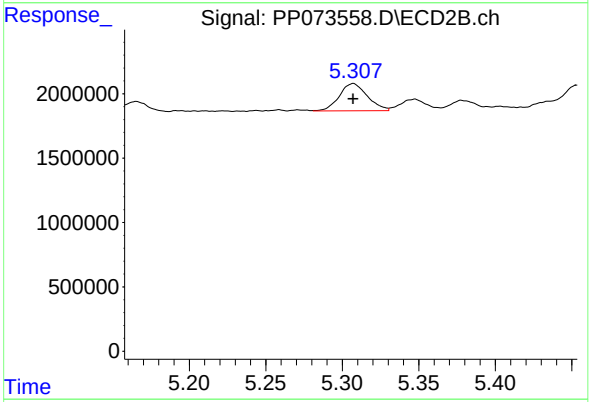
R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 2333668
Conc: 53.16 ng/ml



#7 AR-1016-5

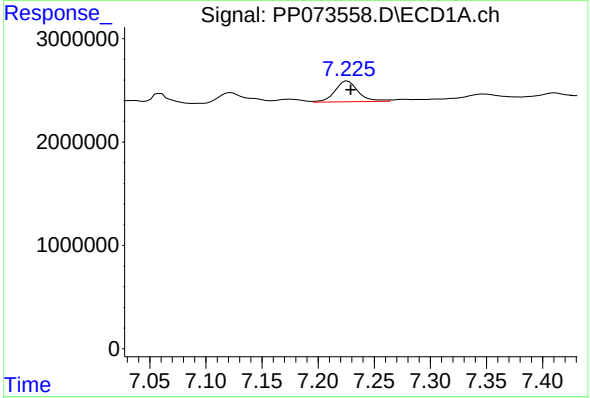
R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 1335478
Conc: 40.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



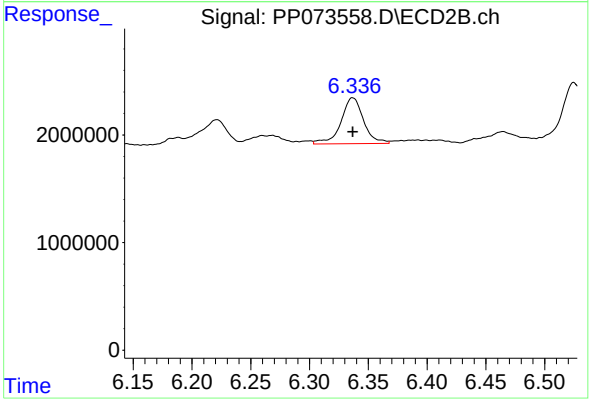
#7 AR-1016-5

R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 2709671
Conc: 48.68 ng/ml



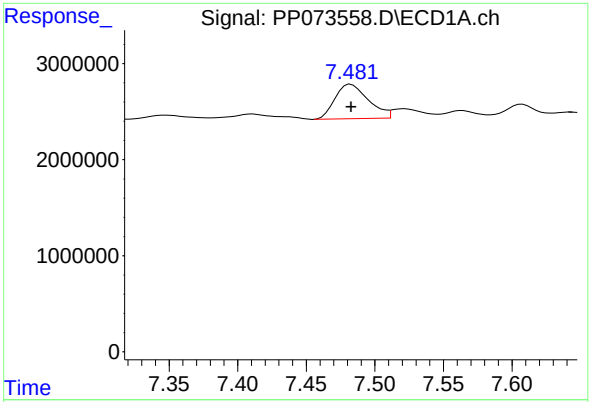
#31 AR-1260-1

R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 2914675
Conc: 48.85 ng/ml



#31 AR-1260-1

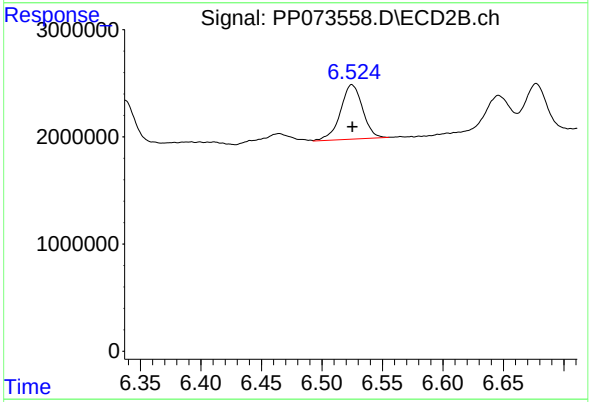
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 5720547
Conc: 57.51 ng/ml



#32 AR-1260-2

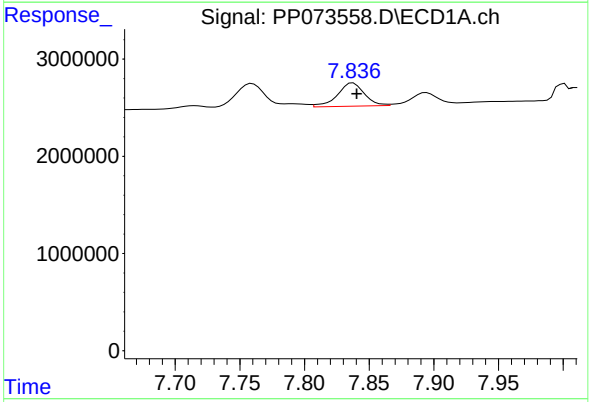
R.T.: 7.482 min
Delta R.T.: 0.000 min
Response: 6085083
Conc: 67.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



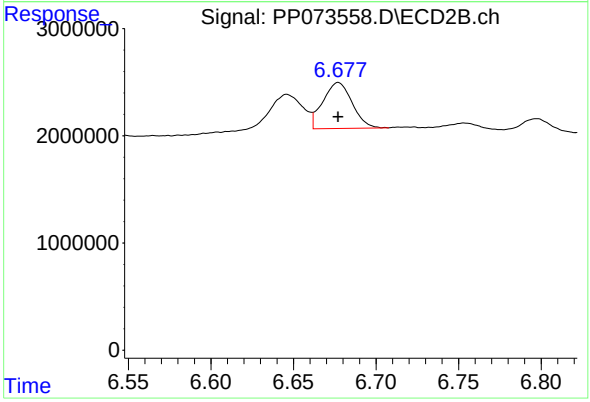
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 6438631
Conc: 51.92 ng/ml



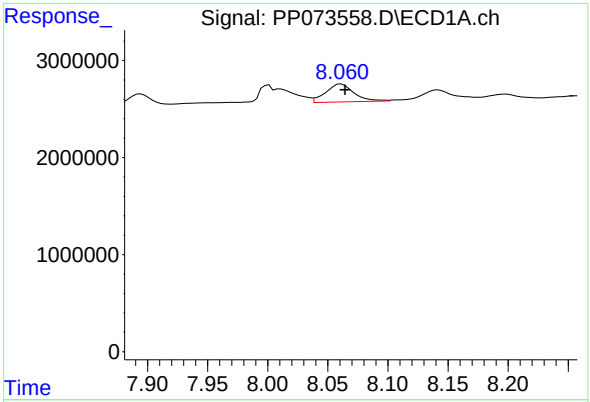
#33 AR-1260-3

R.T.: 7.838 min
Delta R.T.: -0.003 min
Response: 3450365
Conc: 46.20 ng/ml



#33 AR-1260-3

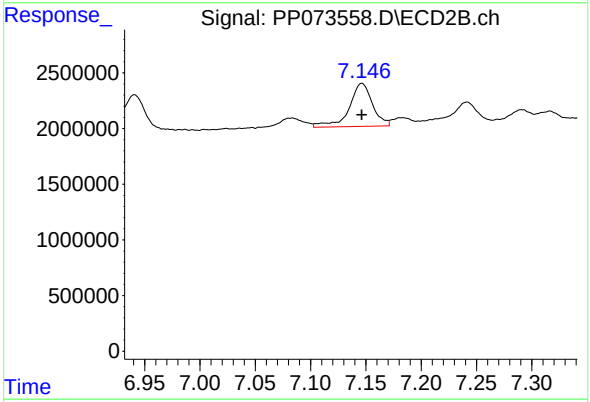
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 5301254
Conc: 47.21 ng/ml



#34 AR-1260-4

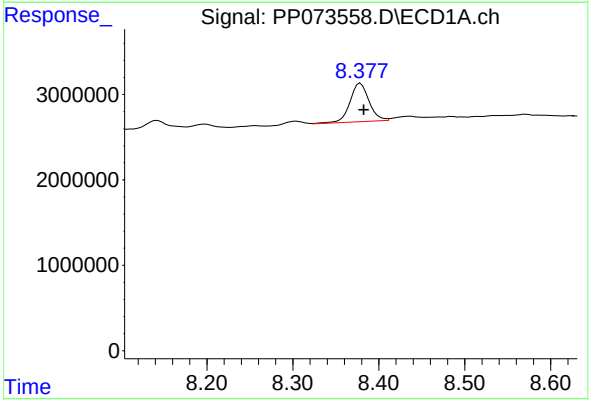
R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 3038521
Conc: 45.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



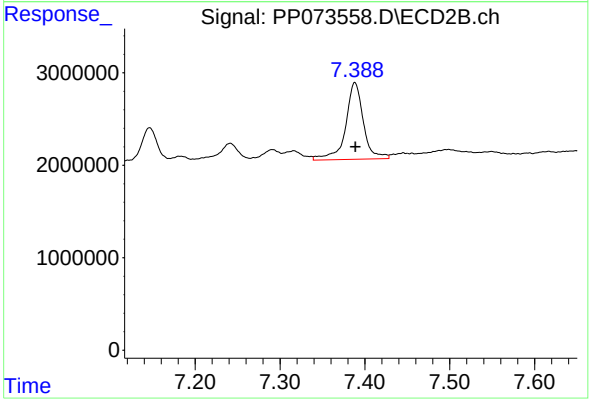
#34 AR-1260-4

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 5704265
Conc: 61.77 ng/ml



#35 AR-1260-5

R.T.: 8.379 min
Delta R.T.: -0.004 min
Response: 6955237
Conc: 44.90 ng/ml



#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 12058667
Conc: 51.93 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
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: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.487	3.779	6312847	8330986	4.423	4.400
2)	SA Decachlor...	10.173	8.780	4963140	5974096	4.336	4.415
	Target Compounds						
16)	L4 AR-1242-1	5.637	4.857	2418928	2804106	59.340	46.472
17)	L4 AR-1242-2	5.658	4.875	3555771	4375880	56.321	49.207
18)	L4 AR-1242-3	5.721	5.052	2548756	2296207	66.954	48.260 #
19)	L4 AR-1242-4	5.818	5.136	1851147	2337623	58.325	51.812
20)	L4 AR-1242-5	6.547	5.657	2626667	2688857	78.753	47.117 #

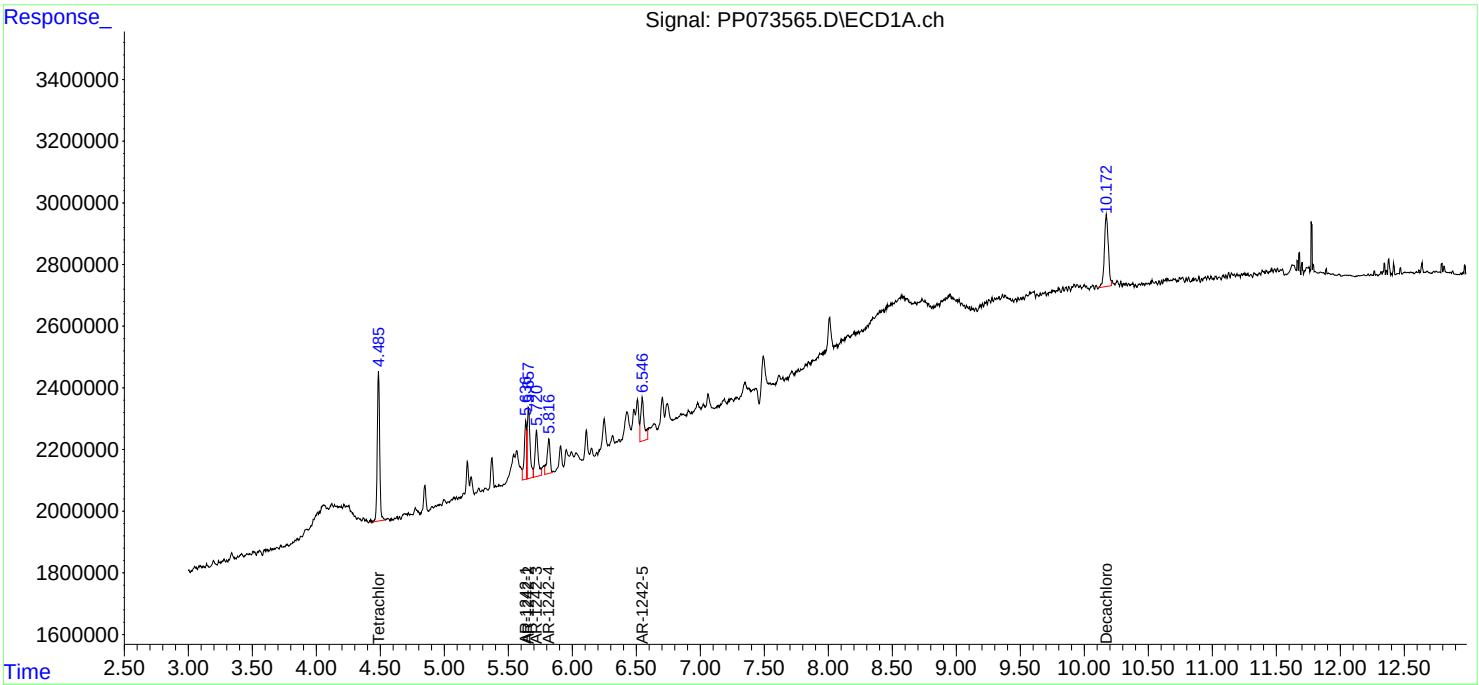
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

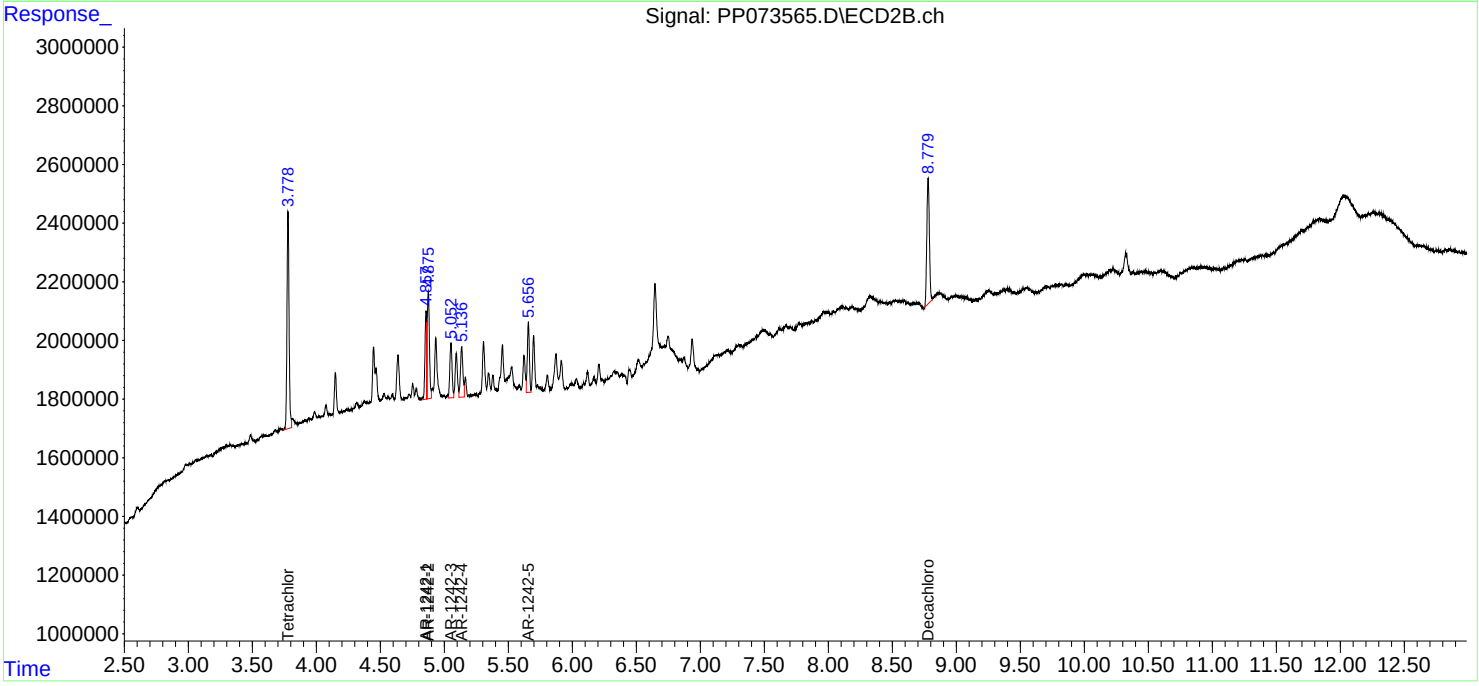
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

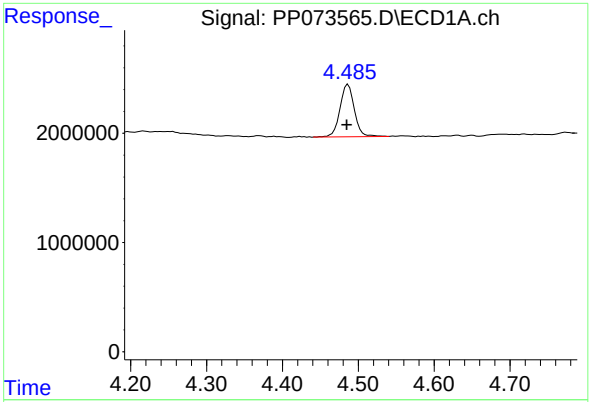
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



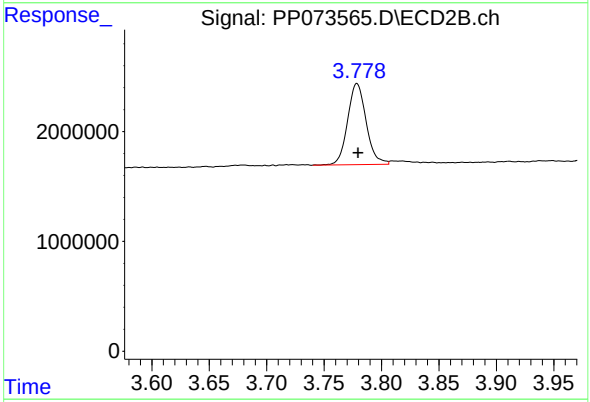




#1 Tetrachloro-m-xylene

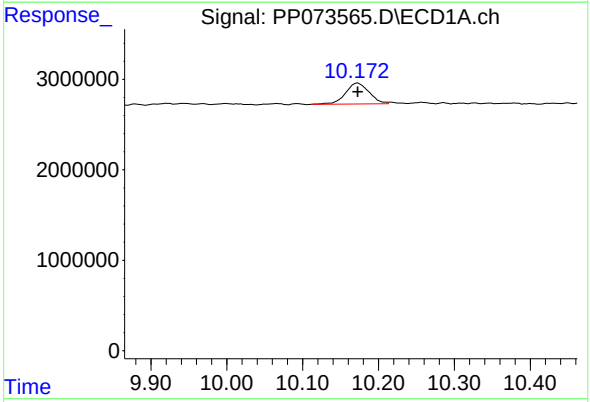
R.T.: 4.487 min
Delta R.T.: 0.002 min
Response: 6312847
Conc: 4.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



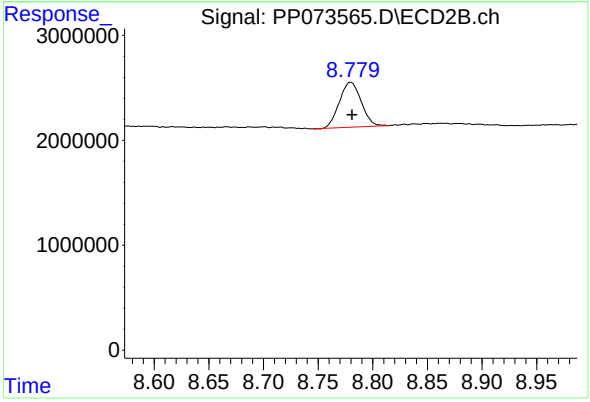
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 8330986
Conc: 4.40 ng/ml



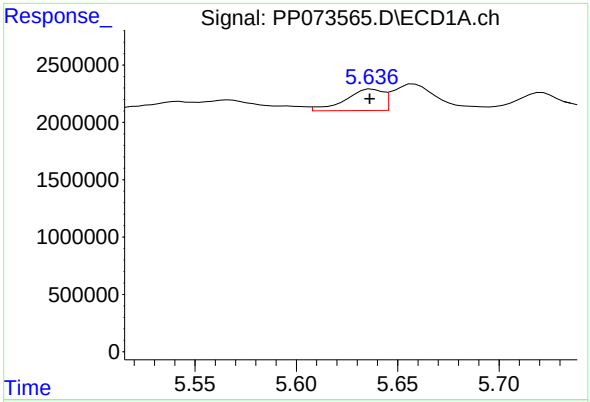
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 4963140
Conc: 4.34 ng/ml



#2 Decachlorobiphenyl

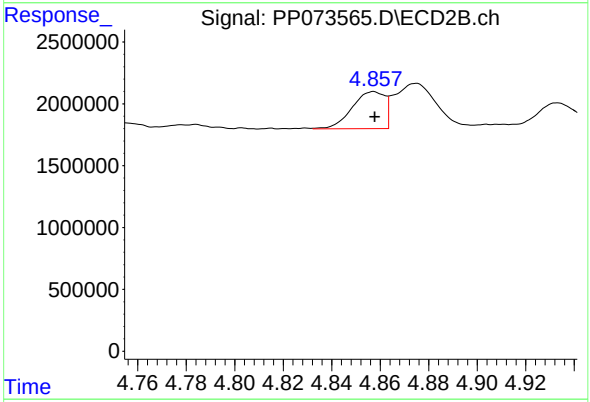
R.T.: 8.780 min
Delta R.T.: -0.001 min
Response: 5974096
Conc: 4.42 ng/ml



#16 AR-1242-1

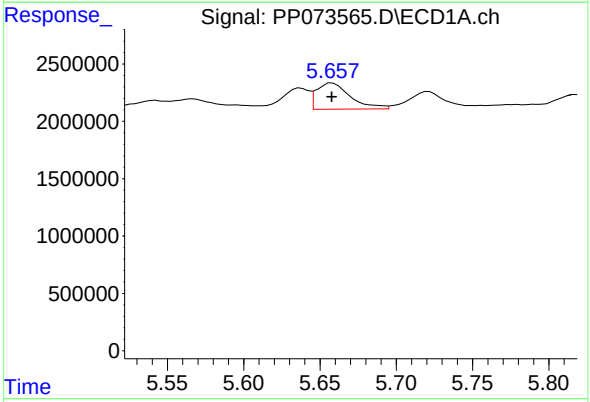
R.T.: 5.637 min
Delta R.T.: 0.001 min
Response: 2418928
Conc: 59.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



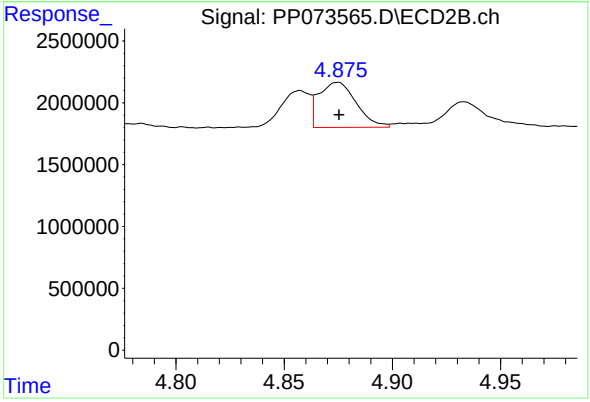
#16 AR-1242-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 2804106
Conc: 46.47 ng/ml



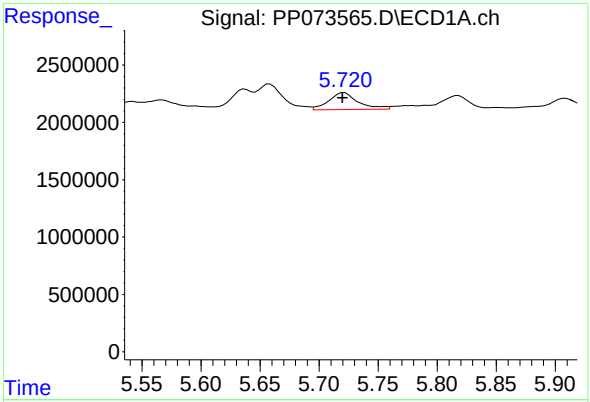
#17 AR-1242-2

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 3555771
Conc: 56.32 ng/ml



#17 AR-1242-2

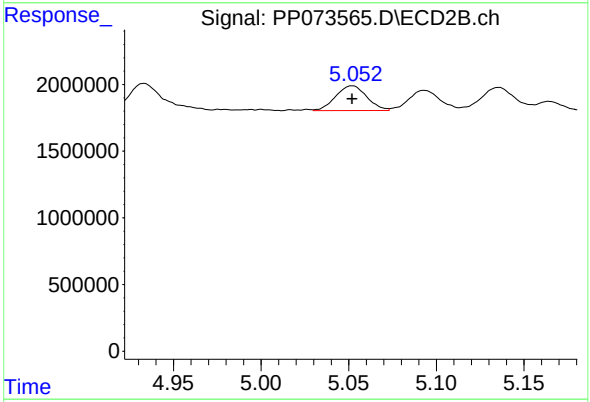
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 4375880
Conc: 49.21 ng/ml



#18 AR-1242-3

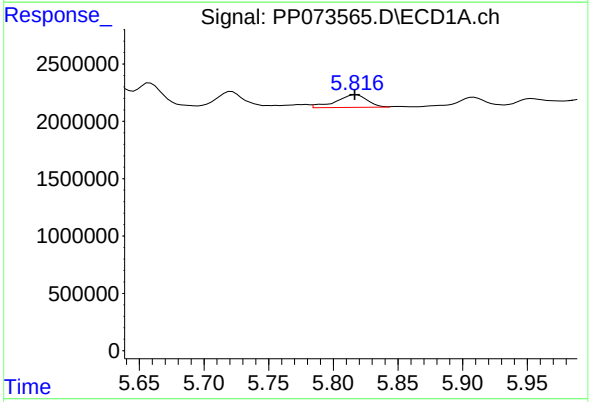
R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 2548756
Conc: 66.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



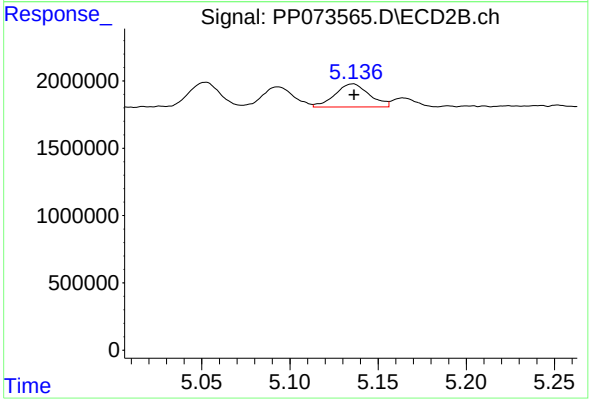
#18 AR-1242-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 2296207
Conc: 48.26 ng/ml



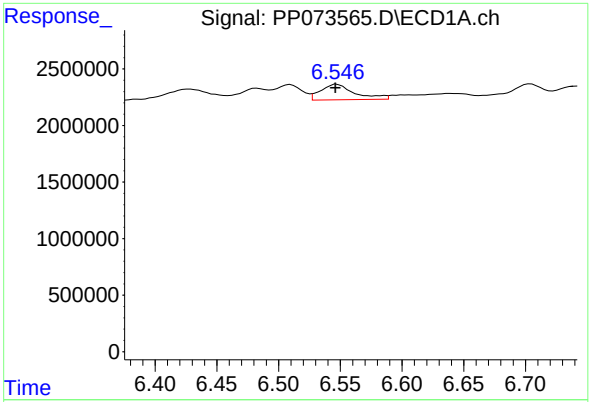
#19 AR-1242-4

R.T.: 5.818 min
Delta R.T.: 0.001 min
Response: 1851147
Conc: 58.32 ng/ml



#19 AR-1242-4

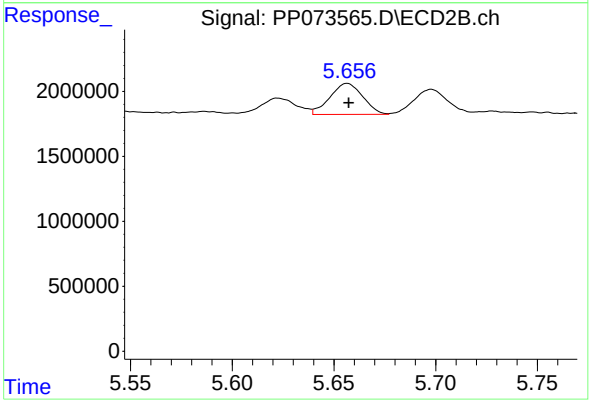
R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 2337623
Conc: 51.81 ng/ml



#20 AR-1242-5

R.T.: 6.547 min
Delta R.T.: 0.001 min
Response: 2626667
Conc: 78.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 2688857
Conc: 47.12 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.485	3.779	6203851	8373290	4.383	4.383
2)	SA Decachlor...	10.173	8.780	4448332	5794229	3.885	4.259
	Target Compounds						
21)	L5 AR-1248-1	5.635	4.857	1669049	2193065	53.053	48.535
22)	L5 AR-1248-2	5.906	5.093	1882218	3238127	46.434	52.322
23)	L5 AR-1248-3	6.108	5.135	1881440	3334641	40.834	51.774 #
24)	L5 AR-1248-4	6.508	5.307	2994458	3957834	52.399	52.555
25)	L5 AR-1248-5	6.546	5.698	3079701	3594939	55.232	47.040

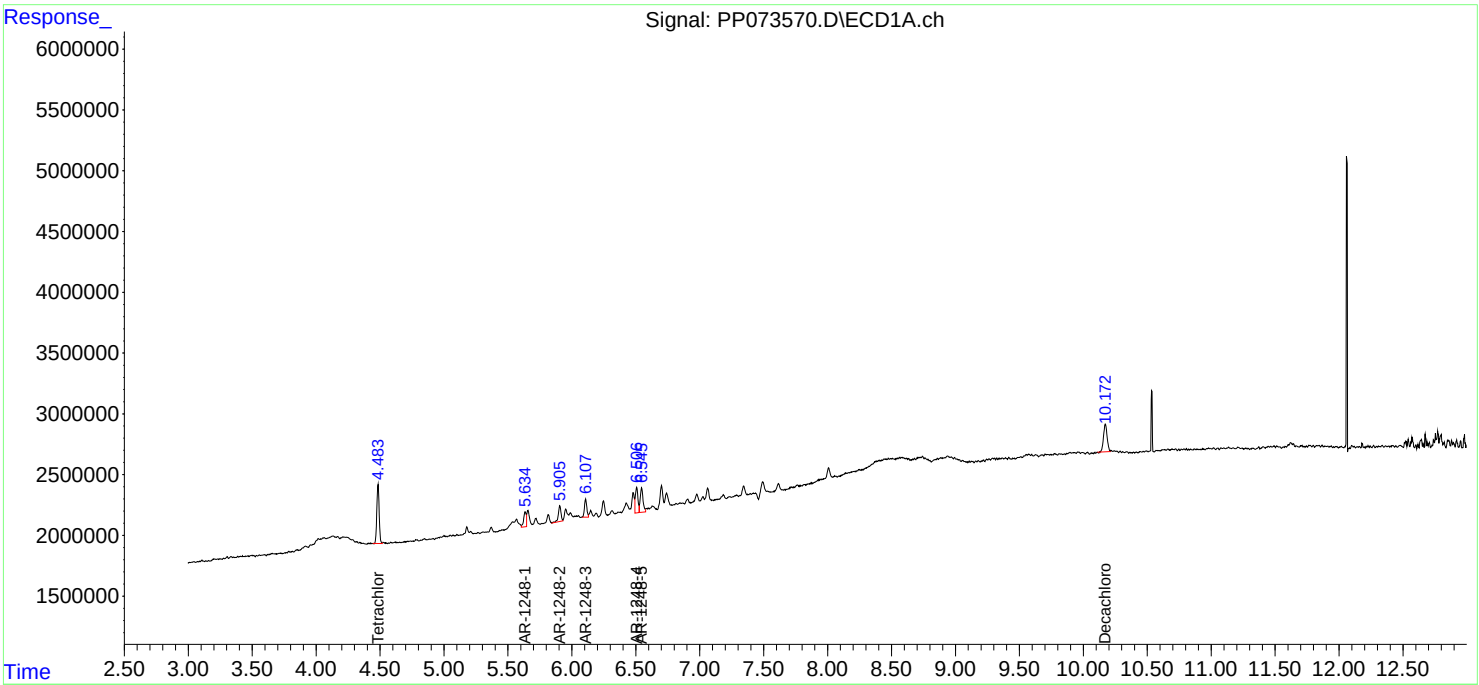
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

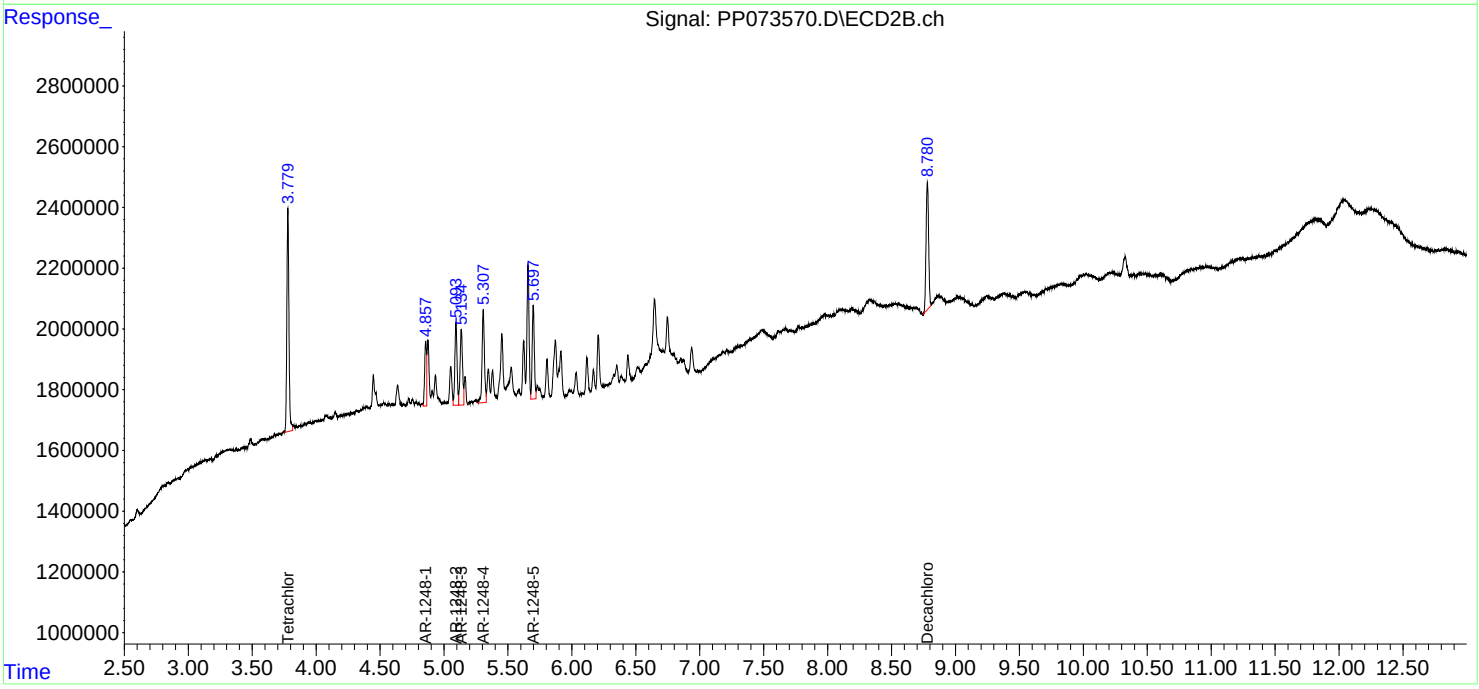
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

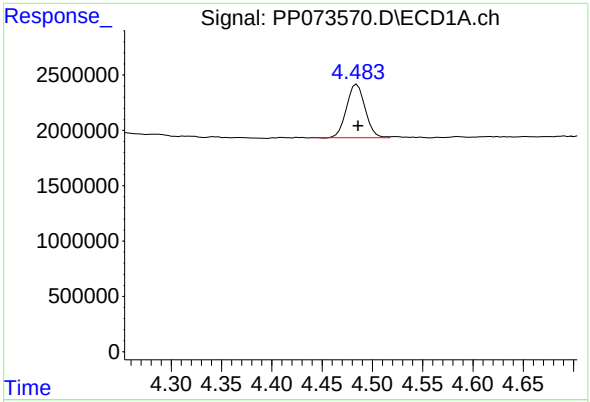
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 2025
Response via : Initial Calibration
Integrator: ChemStation

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



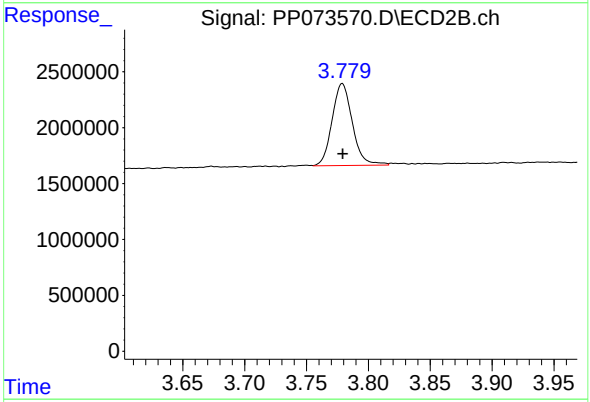




#1 Tetrachloro-m-xylene

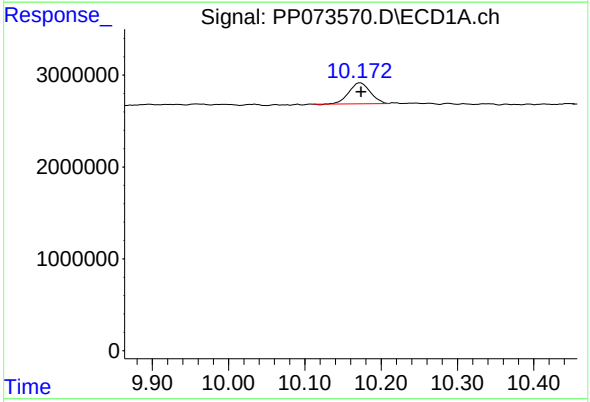
R.T.: 4.485 min
Delta R.T.: -0.001 min
Response: 6203851
Conc: 4.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



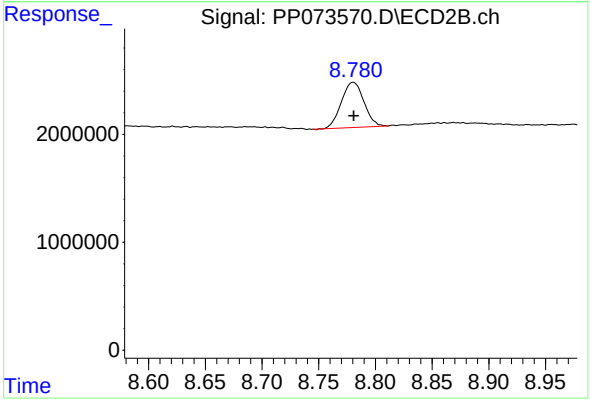
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 8373290
Conc: 4.38 ng/ml



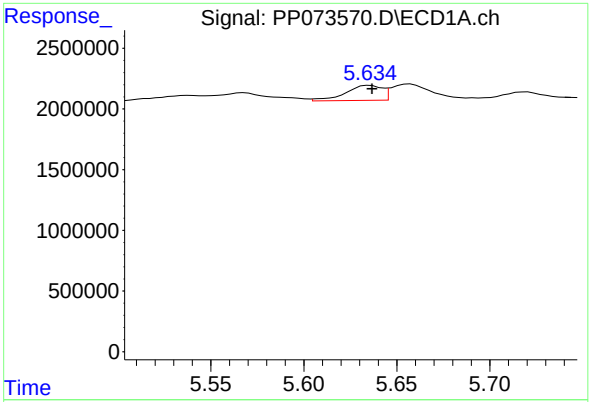
#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: 0.000 min
Response: 4448332
Conc: 3.88 ng/ml



#2 Decachlorobiphenyl

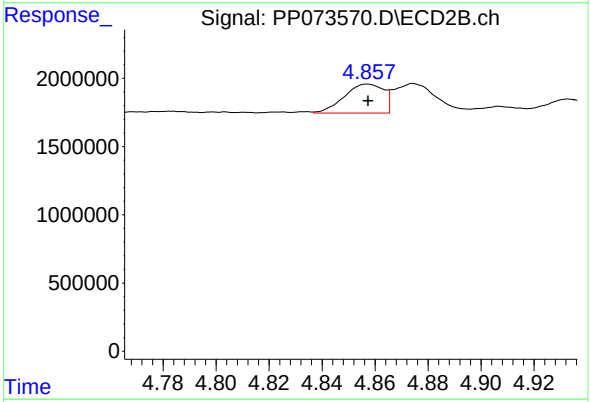
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 5794229
Conc: 4.26 ng/ml



#21 AR-1248-1

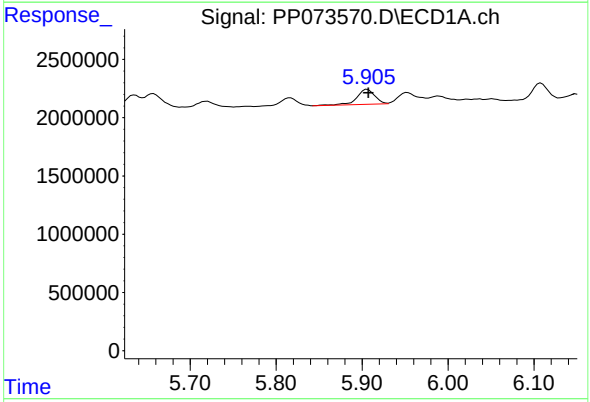
R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 1669049
Conc: 53.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



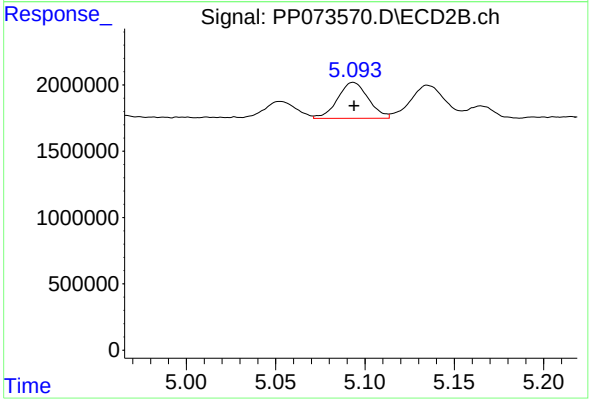
#21 AR-1248-1

R.T.: 4.857 min
Delta R.T.: 0.000 min
Response: 2193065
Conc: 48.53 ng/ml



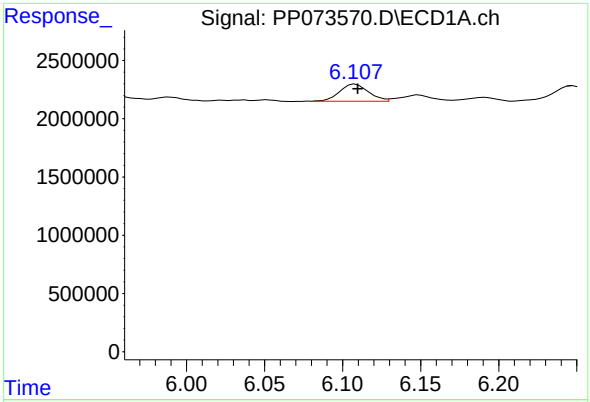
#22 AR-1248-2

R.T.: 5.906 min
Delta R.T.: -0.001 min
Response: 1882218
Conc: 46.43 ng/ml



#22 AR-1248-2

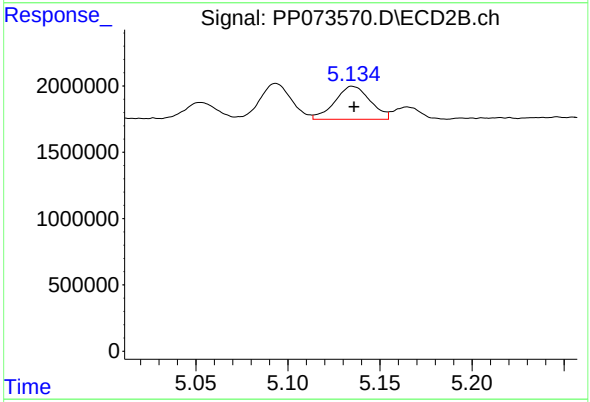
R.T.: 5.093 min
Delta R.T.: 0.000 min
Response: 3238127
Conc: 52.32 ng/ml



#23 AR-1248-3

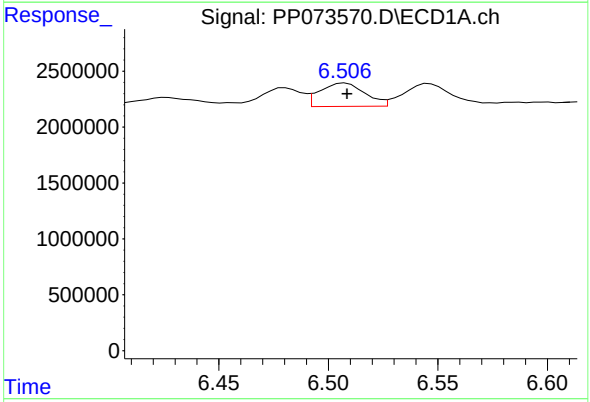
R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 1881440
Conc: 40.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



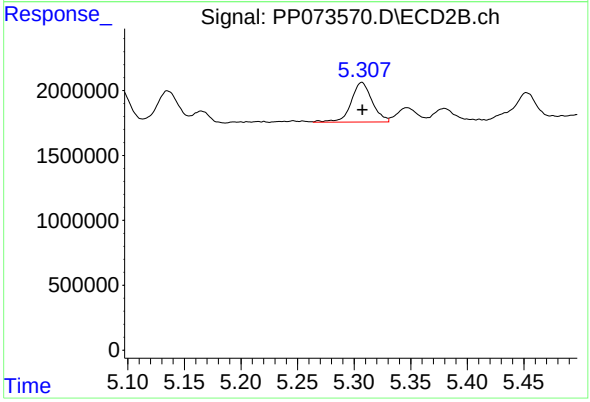
#23 AR-1248-3

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 3334641
Conc: 51.77 ng/ml



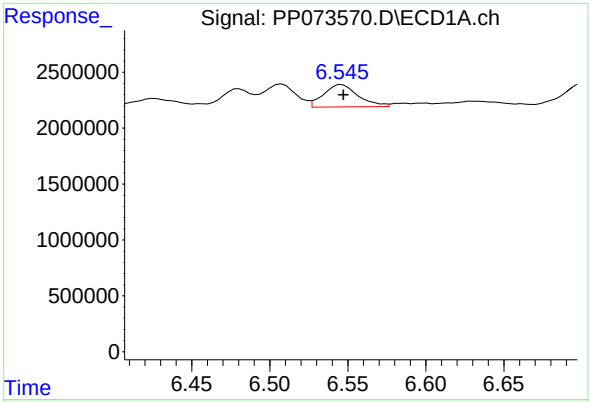
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 2994458
Conc: 52.40 ng/ml



#24 AR-1248-4

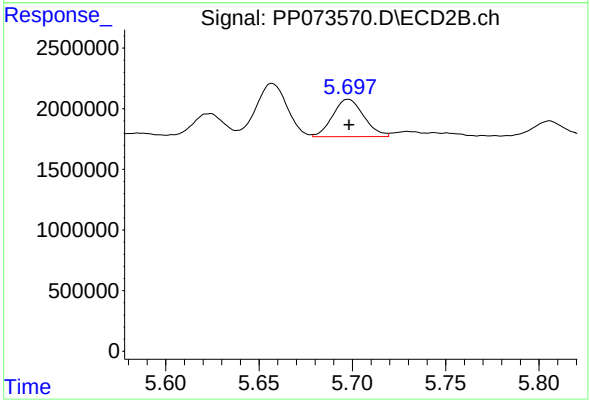
R.T.: 5.307 min
Delta R.T.: 0.000 min
Response: 3957834
Conc: 52.56 ng/ml



#25 AR-1248-5

R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 3079701
Conc: 55.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3594939
Conc: 47.04 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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...	4.488	3.779	6938090	9721913	4.952	5.138
2)	SA Decachlor...	10.178	8.780	5667149	6887289	4.948	5.019
	Target Compounds						
26)	L6 AR-1254-1	6.486	5.657	3346488	6452648	60.615	57.447
27)	L6 AR-1254-2	6.703	5.806	4971490	5754555	60.232	59.894
28)	L6 AR-1254-3	7.065	6.207	5174325	8163980	58.472	53.675
29)	L6 AR-1254-4	7.349	6.436	5012264	4857854	62.974	51.487
30)	L6 AR-1254-5	7.764	6.851	3548489	7039930	47.554	53.848

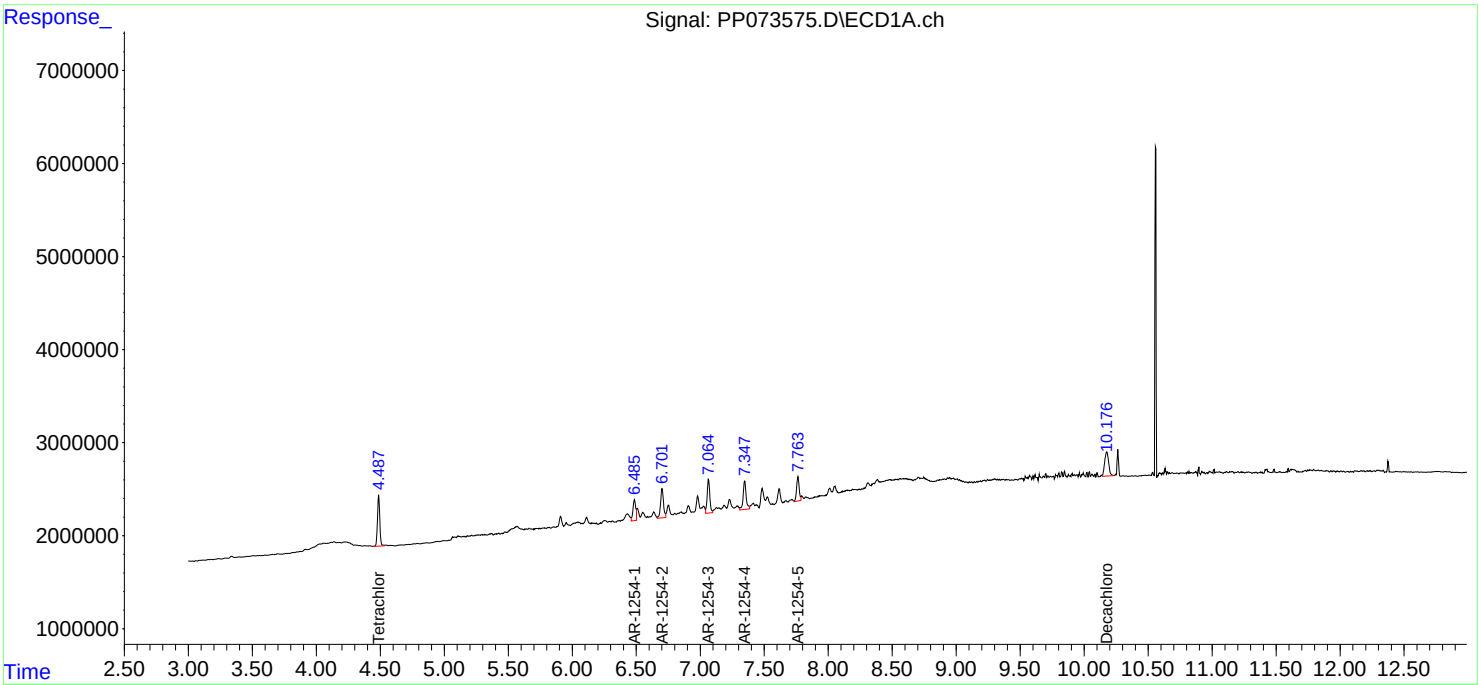
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

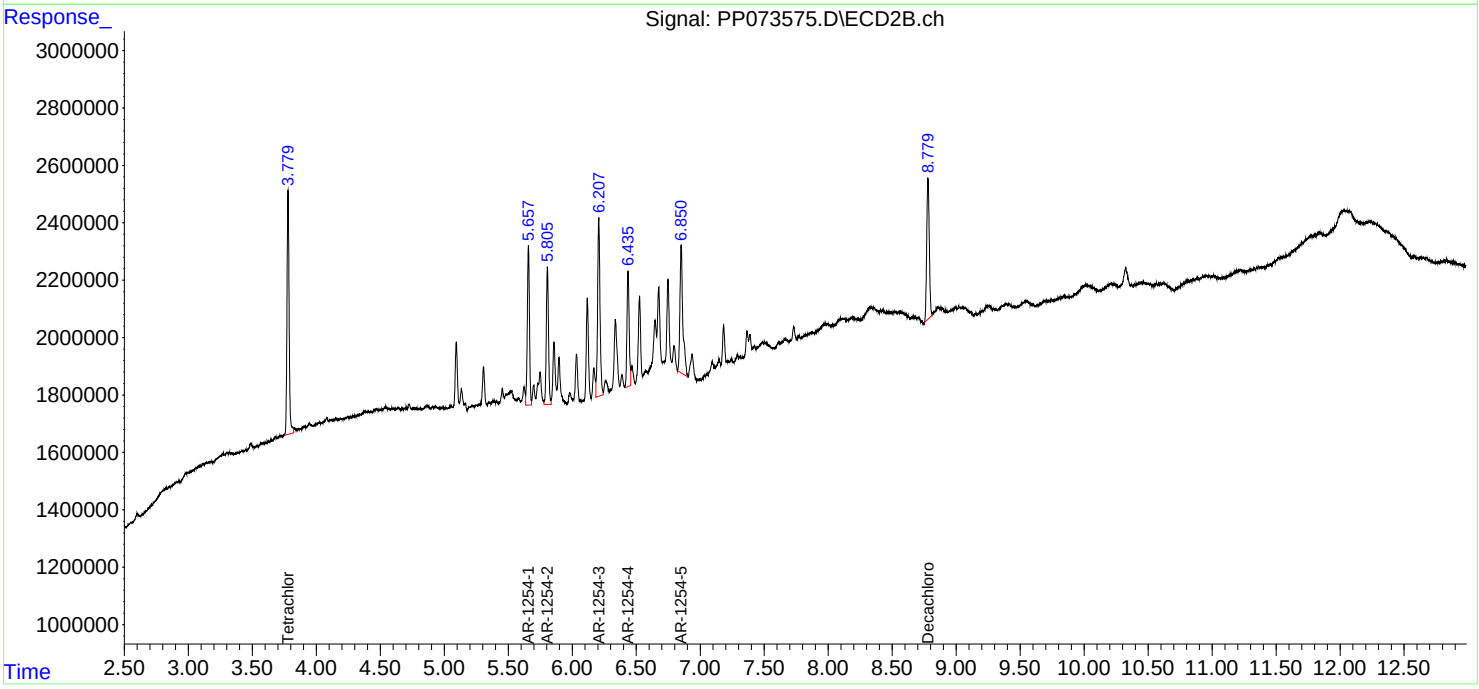
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

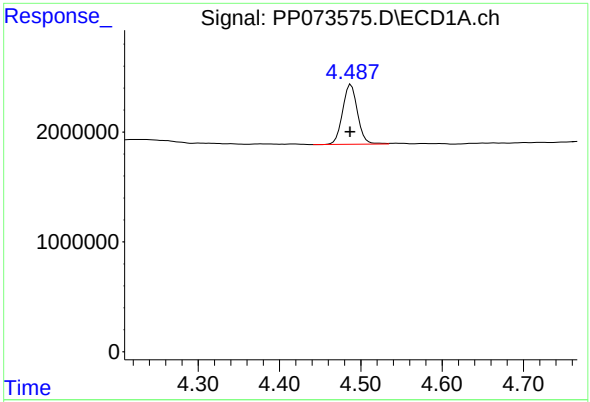
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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



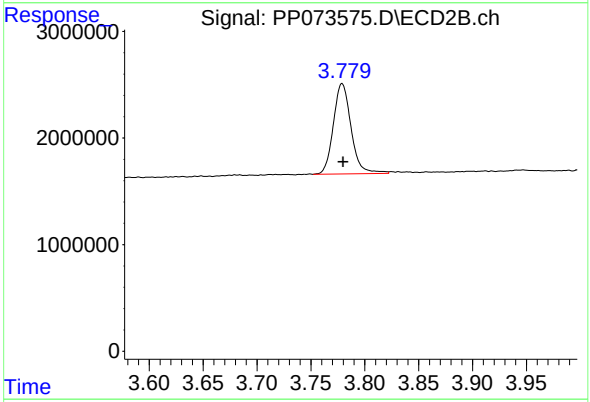




#1 Tetrachloro-m-xylene

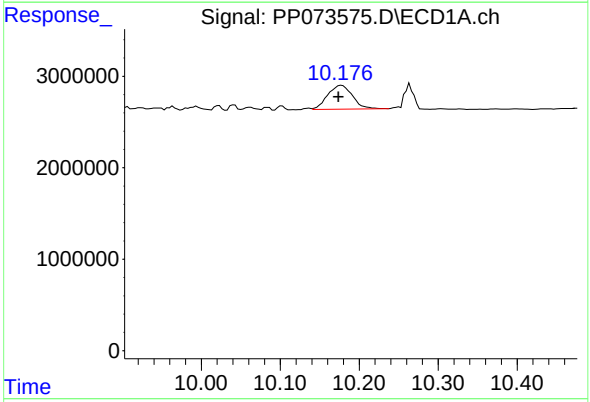
R.T.: 4.488 min
Delta R.T.: 0.001 min
Response: 6938090
Conc: 4.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



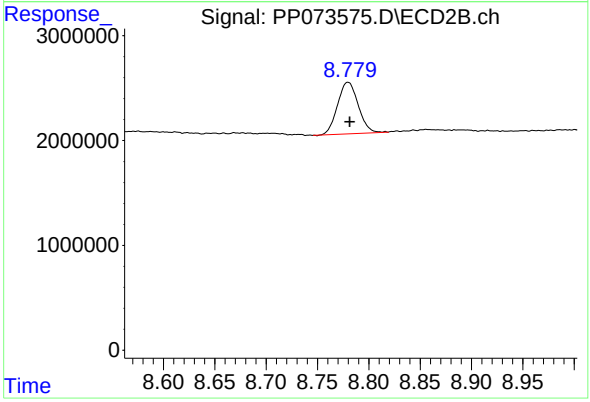
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 9721913
Conc: 5.14 ng/ml



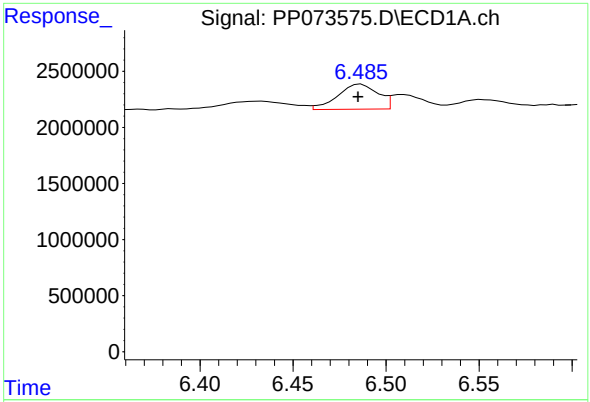
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.004 min
Response: 5667149
Conc: 4.95 ng/ml



#2 Decachlorobiphenyl

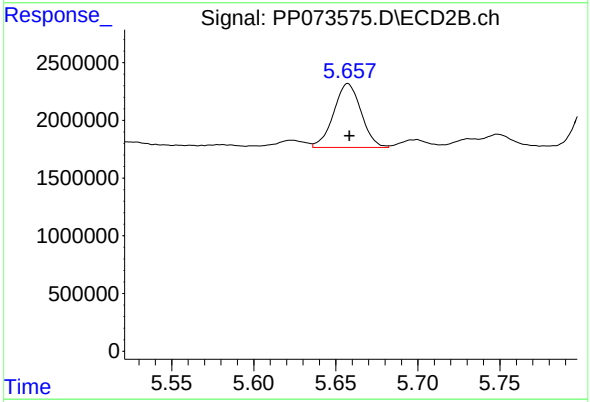
R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 6887289
Conc: 5.02 ng/ml



#26 AR-1254-1

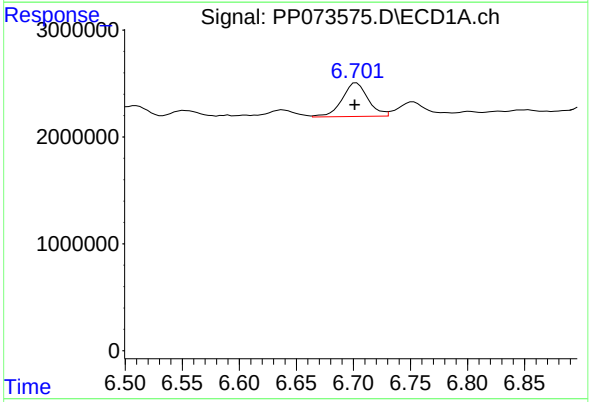
R.T.: 6.486 min
Delta R.T.: 0.002 min
Response: 3346488
Conc: 60.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



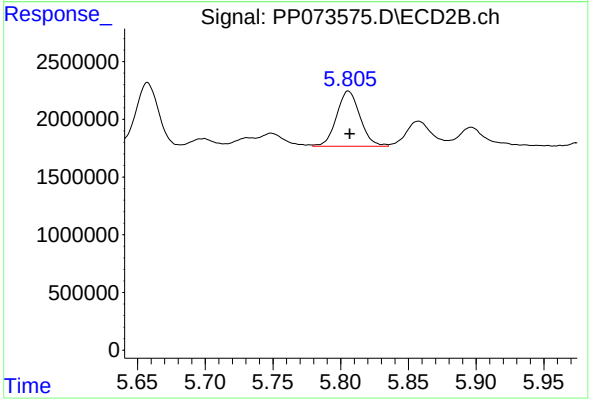
#26 AR-1254-1

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 6452648
Conc: 57.45 ng/ml



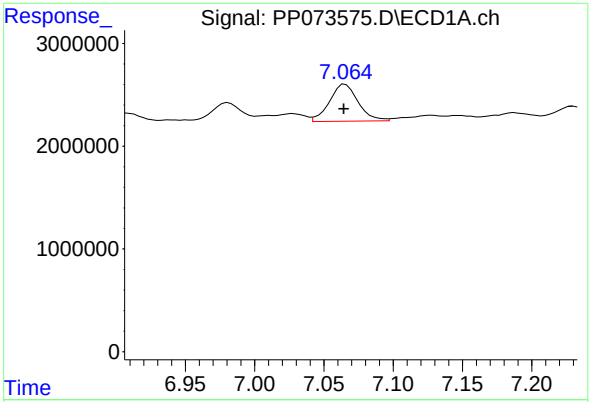
#27 AR-1254-2

R.T.: 6.703 min
Delta R.T.: 0.002 min
Response: 4971490
Conc: 60.23 ng/ml



#27 AR-1254-2

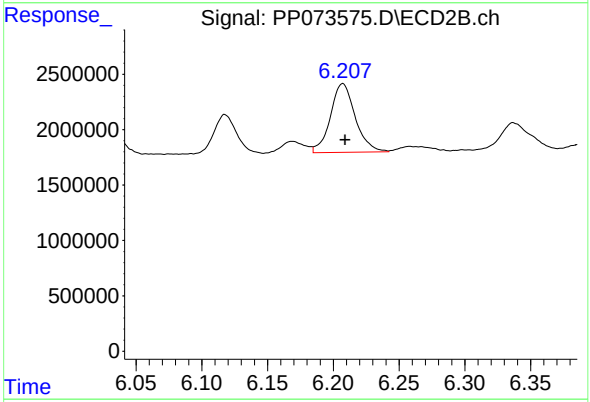
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 5754555
Conc: 59.89 ng/ml



#28 AR-1254-3

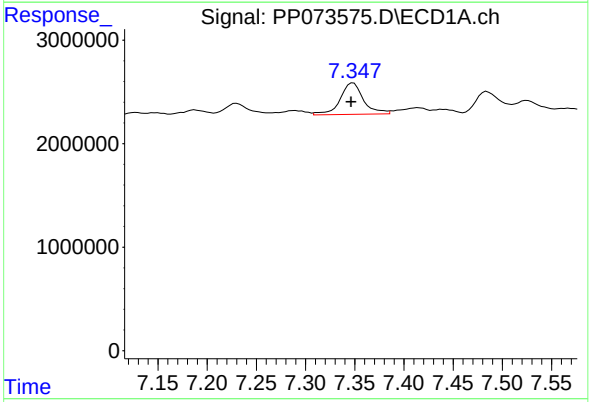
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 5174325
Conc: 58.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



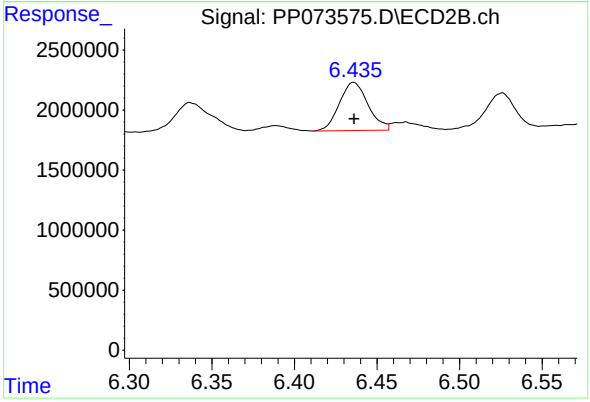
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 8163980
Conc: 53.68 ng/ml



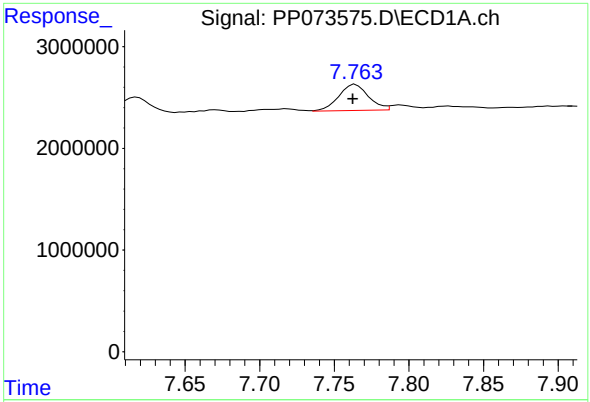
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: 0.002 min
Response: 5012264
Conc: 62.97 ng/ml



#29 AR-1254-4

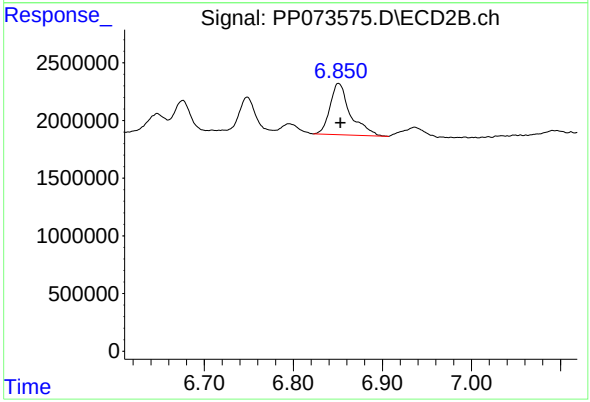
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 4857854
Conc: 51.49 ng/ml



#30 AR-1254-5

R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 3548489
Conc: 47.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 7039930
Conc: 53.85 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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...	4.485	3.779	37383725	50542988	26.404	26.083
2)	SA Decachlor...	10.171	8.781	54731552	67087696	26.607	26.464
	Target Compounds						
41)	L9 AR-1268-1	8.690	7.668	59422367	81364216	260.528	264.345
42)	L9 AR-1268-2	8.783	7.735	50730840	70740492	261.191	264.376
43)	L9 AR-1268-3	9.010	7.936	43805027	60554343	262.765	266.395
44)	L9 AR-1268-4	9.428	8.231	18771767	24970476	269.872	262.245
45)	L9 AR-1268-5	9.839	8.525	124.3E6	162.7E6	256.278	261.384

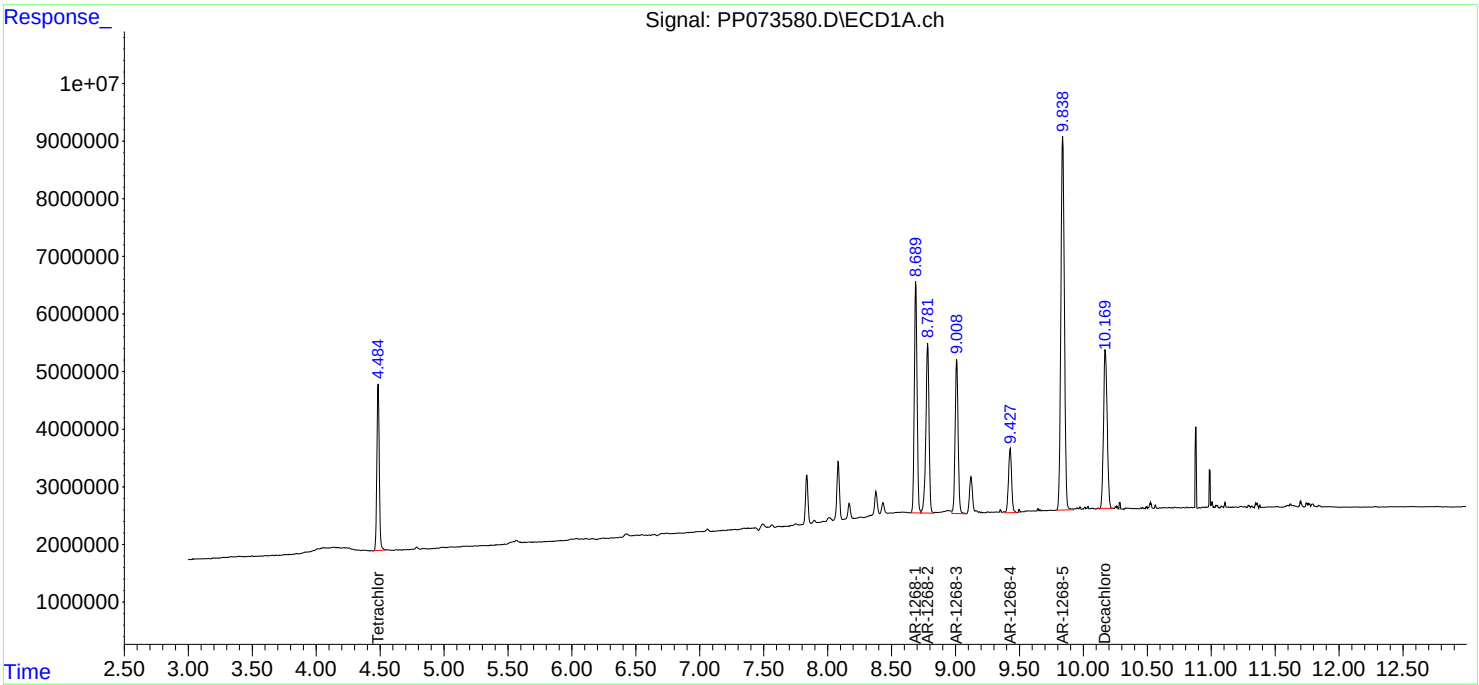
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

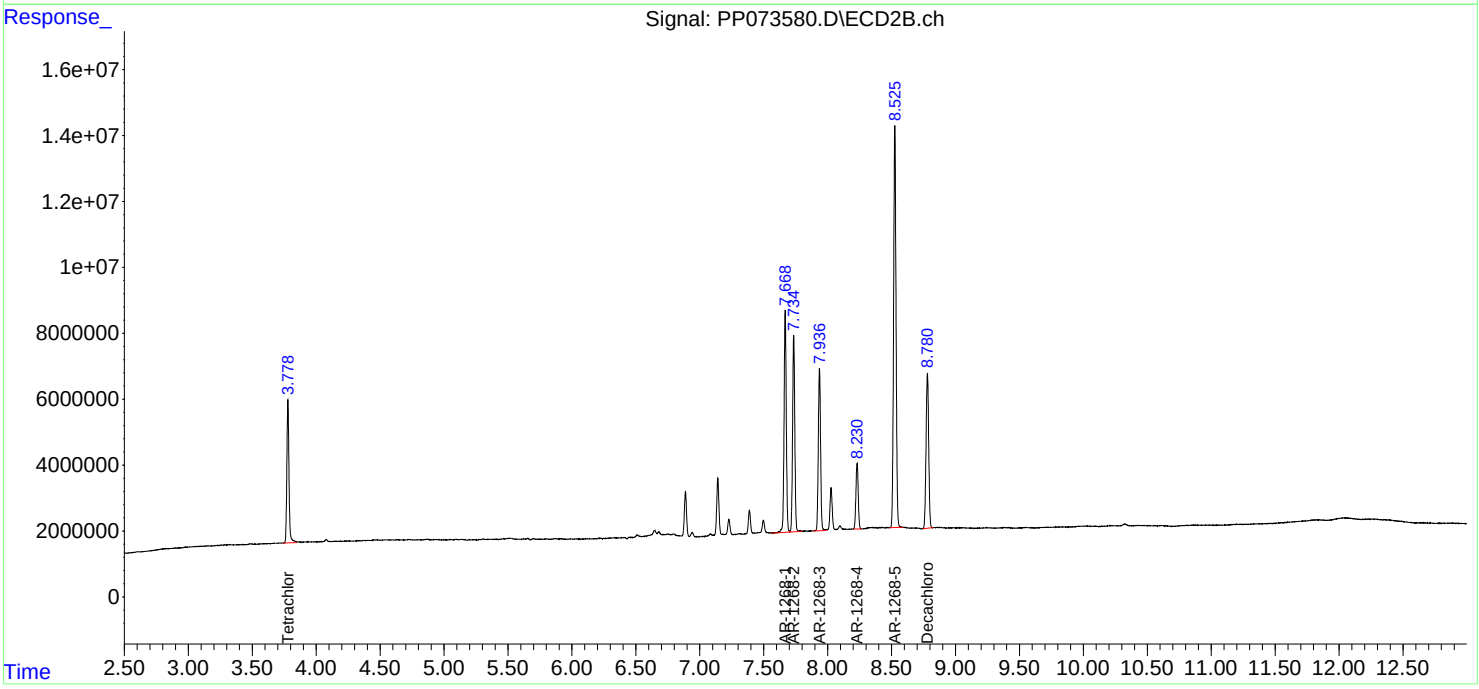
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

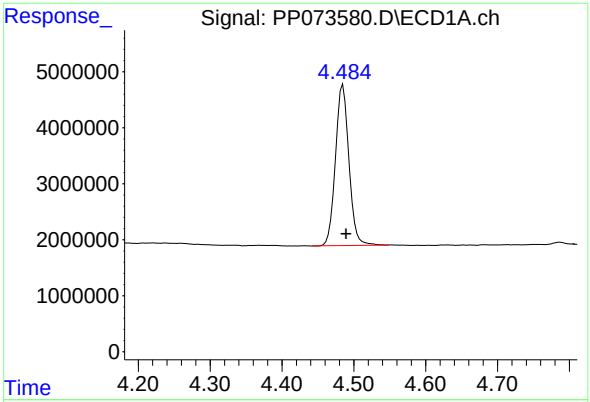
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



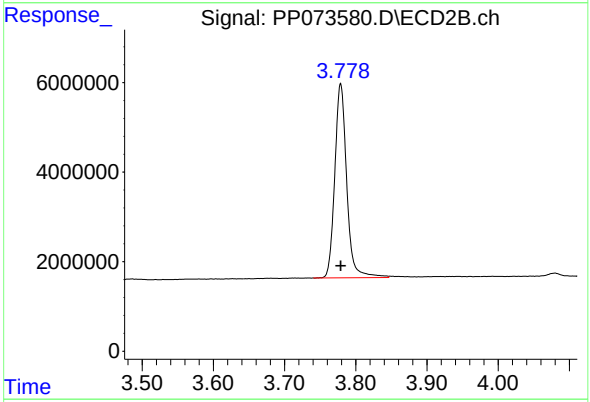




#1 Tetrachloro-m-xylene

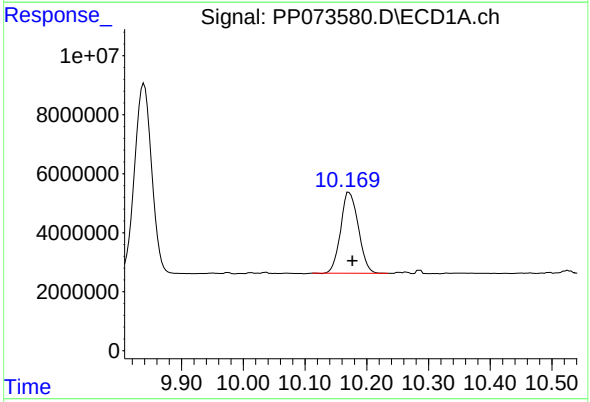
R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 37383725
Conc: 26.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



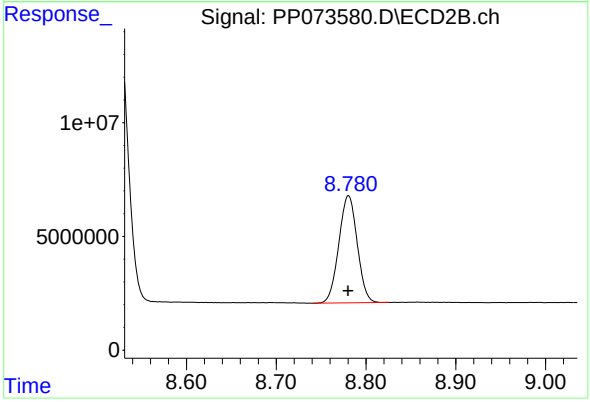
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 50542988
Conc: 26.08 ng/ml



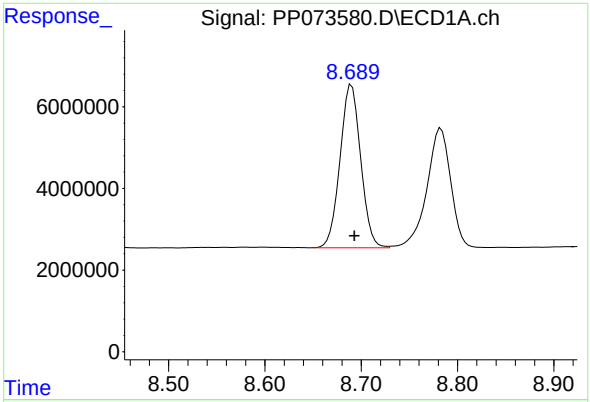
#2 Decachlorobiphenyl

R.T.: 10.171 min
Delta R.T.: -0.005 min
Response: 54731552
Conc: 26.61 ng/ml



#2 Decachlorobiphenyl

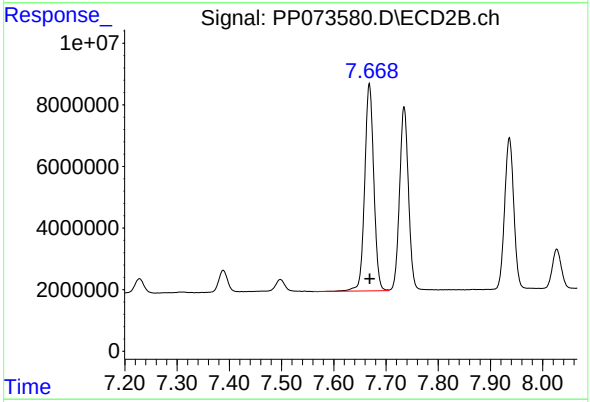
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 67087696
Conc: 26.46 ng/ml



#41 AR-1268-1

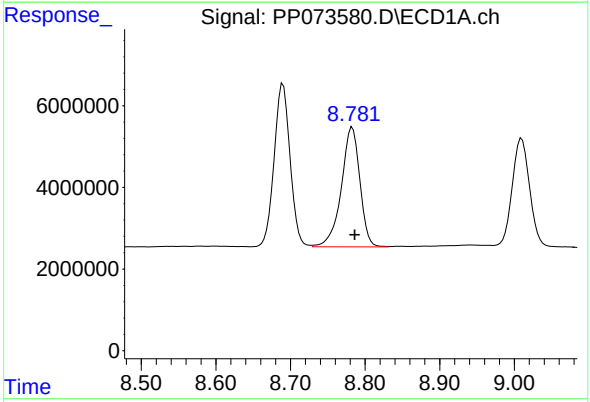
R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 59422367
Conc: 260.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



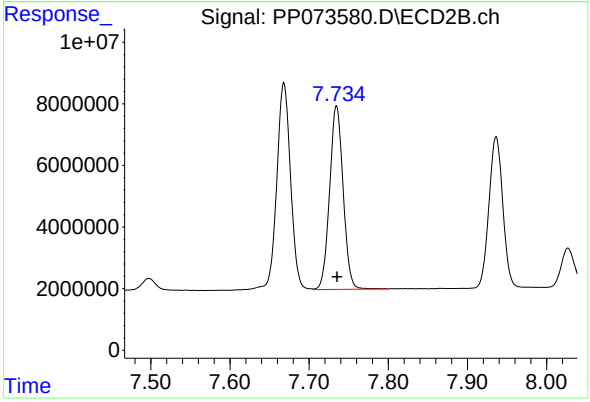
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 81364216
Conc: 264.35 ng/ml



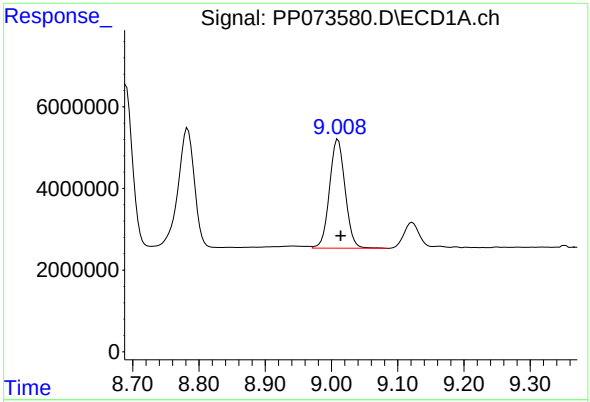
#42 AR-1268-2

R.T.: 8.783 min
Delta R.T.: -0.003 min
Response: 50730840
Conc: 261.19 ng/ml



#42 AR-1268-2

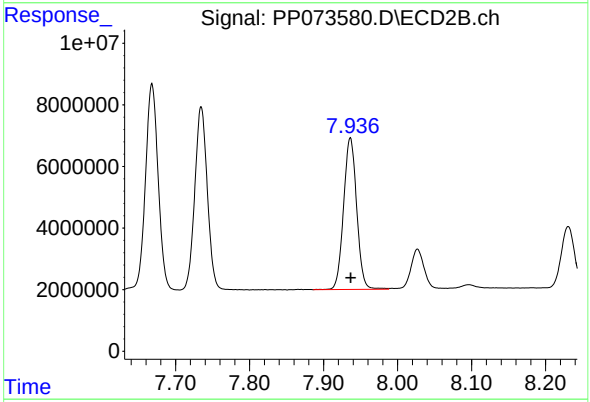
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 70740492
Conc: 264.38 ng/ml



#43 AR-1268-3

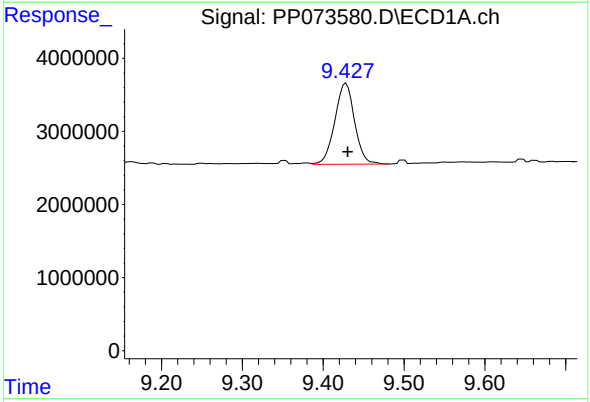
R.T.: 9.010 min
Delta R.T.: -0.004 min
Response: 43805027
Conc: 262.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



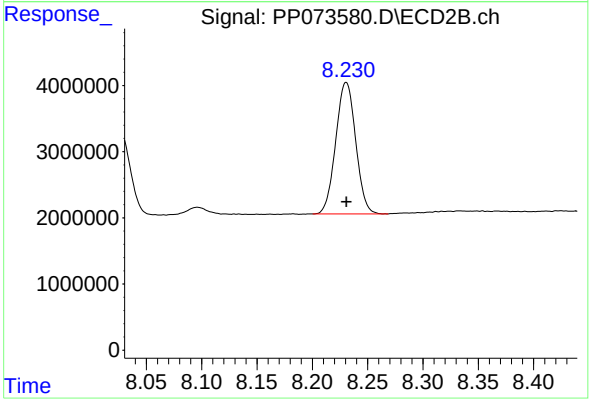
#43 AR-1268-3

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 60554343
Conc: 266.40 ng/ml



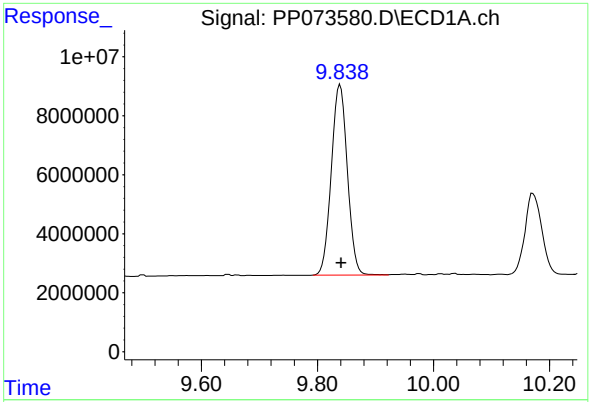
#44 AR-1268-4

R.T.: 9.428 min
Delta R.T.: -0.002 min
Response: 18771767
Conc: 269.87 ng/ml



#44 AR-1268-4

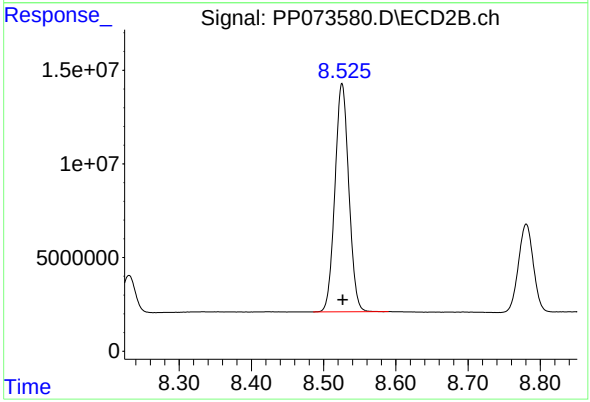
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 24970476
Conc: 262.24 ng/ml



#45 AR-1268-5

R.T.: 9.839 min
Delta R.T.: -0.002 min
Response: 124334254
Conc: 256.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: -0.001 min
Response: 162694547
Conc: 261.38 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.489	3.778	6570480	8954068	4.649	4.604
2)	SA Decachlor...	10.178	8.780	8974224	11778445	4.354	4.632
	Target Compounds						
41)	L9 AR-1268-1	8.694	7.668	10231981	15365679	44.903	49.987
42)	L9 AR-1268-2	8.787	7.735	8726381	12801300	44.866	47.748
43)	L9 AR-1268-3	9.015	7.936	8012537	11044482	48.006	48.707
44)	L9 AR-1268-4	9.433	8.231	3216586	4250036	45.402	44.756
45)	L9 AR-1268-5	9.841	8.526	6017980	28831591	12.454	46.018 #

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

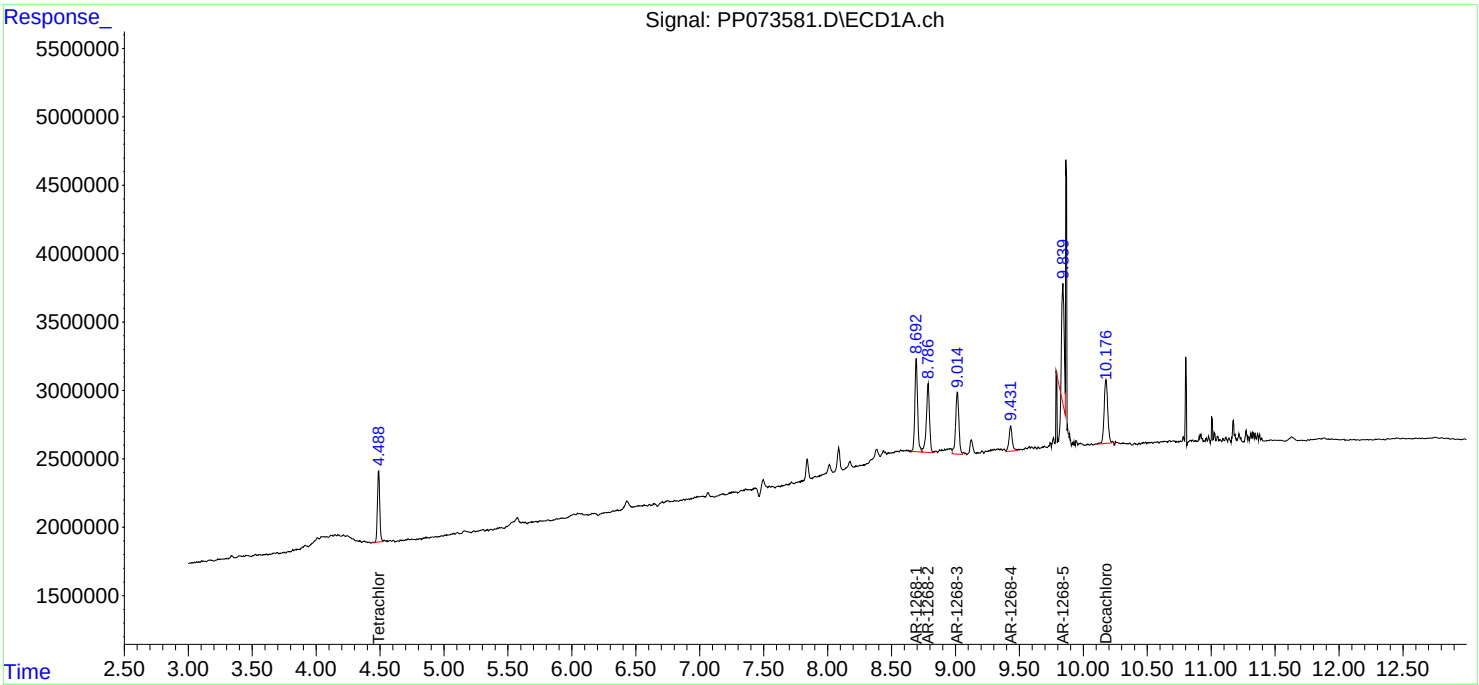
Quantitation Report (Not Reviewed)

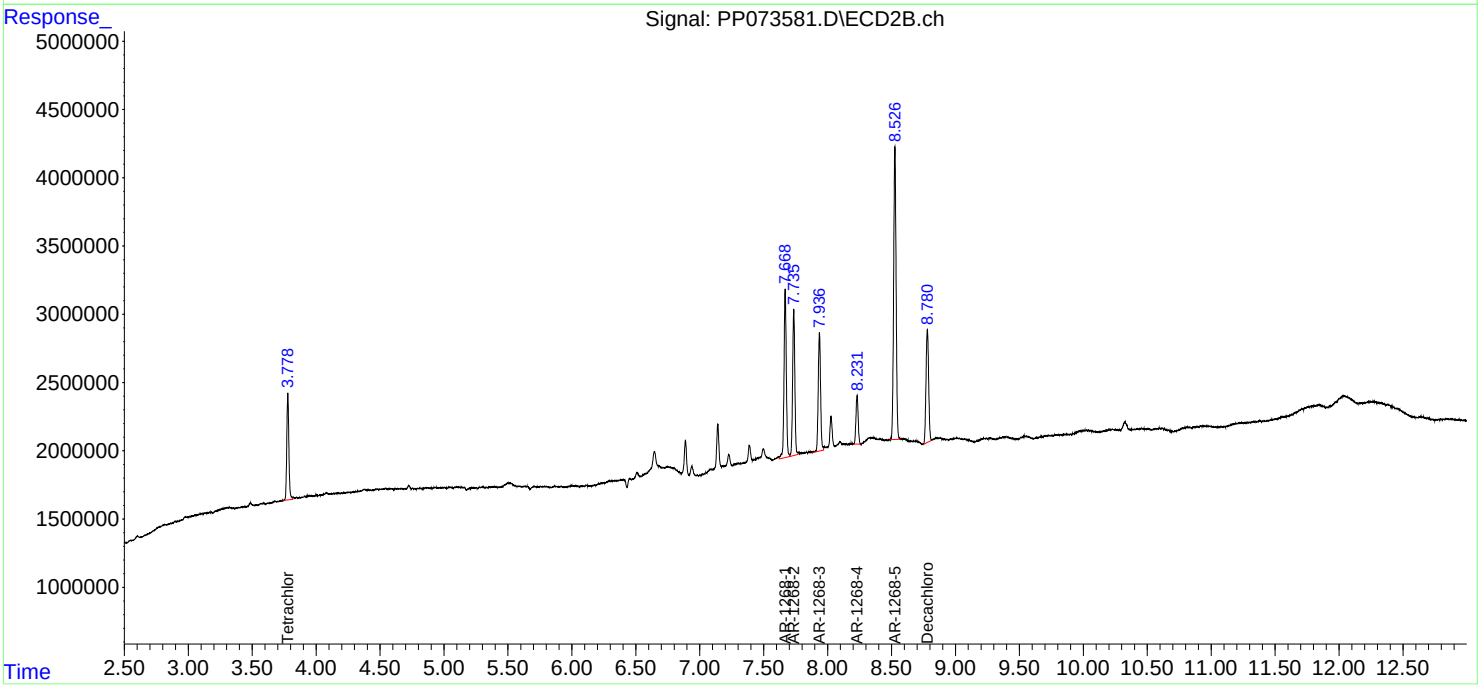
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

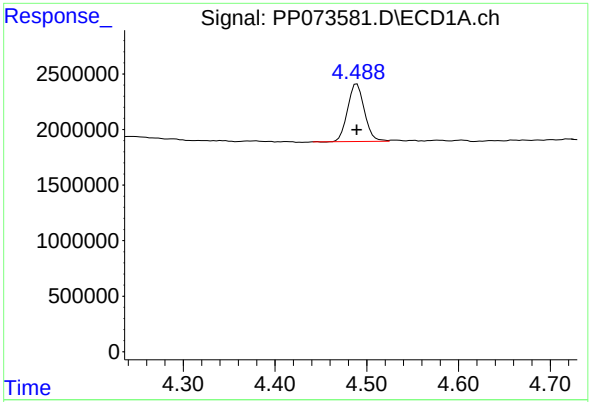
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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



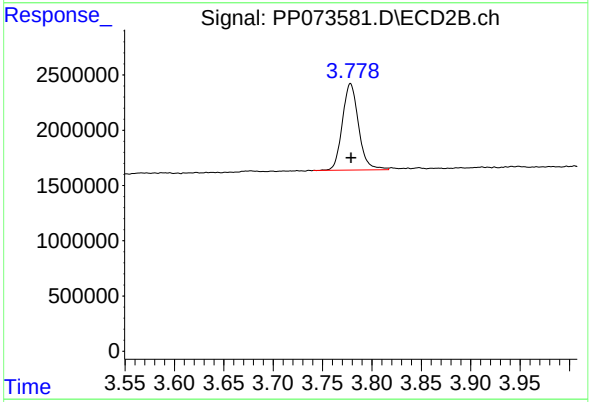




#1 Tetrachloro-m-xylene

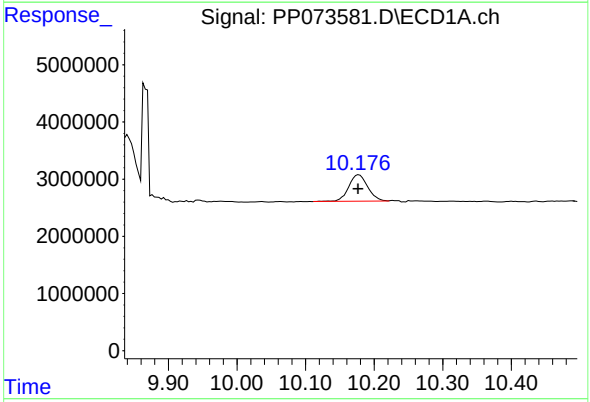
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 6570480
Conc: 4.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



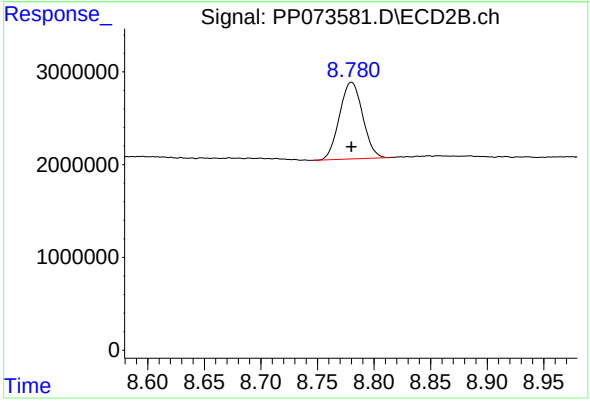
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 8954068
Conc: 4.60 ng/ml



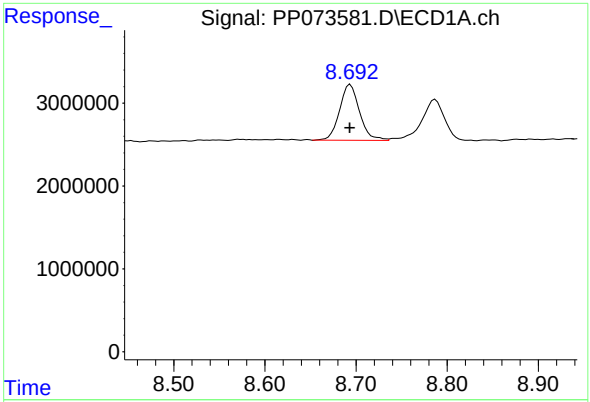
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.001 min
Response: 8974224
Conc: 4.35 ng/ml



#2 Decachlorobiphenyl

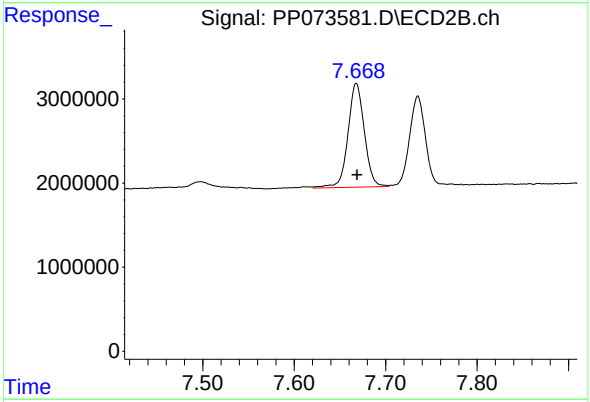
R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 11778445
Conc: 4.63 ng/ml



#41 AR-1268-1

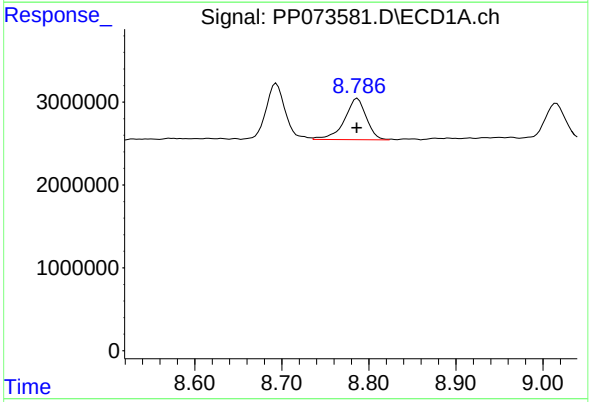
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 10231981
Conc: 44.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



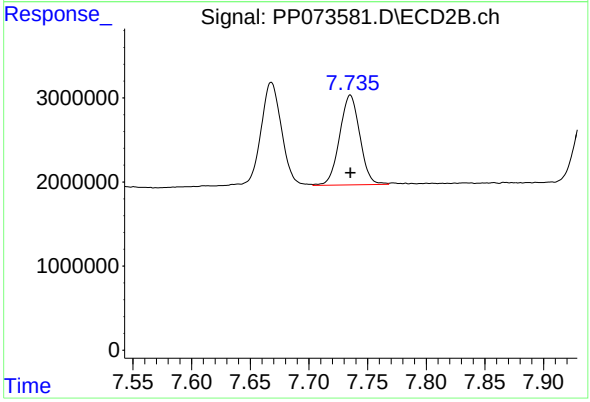
#41 AR-1268-1

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 15365679
Conc: 49.99 ng/ml



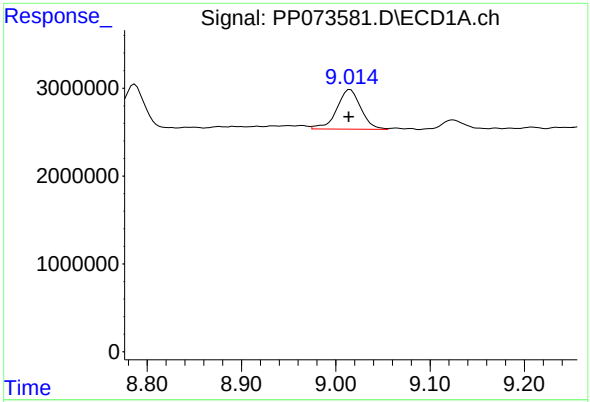
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: 0.000 min
Response: 8726381
Conc: 44.87 ng/ml



#42 AR-1268-2

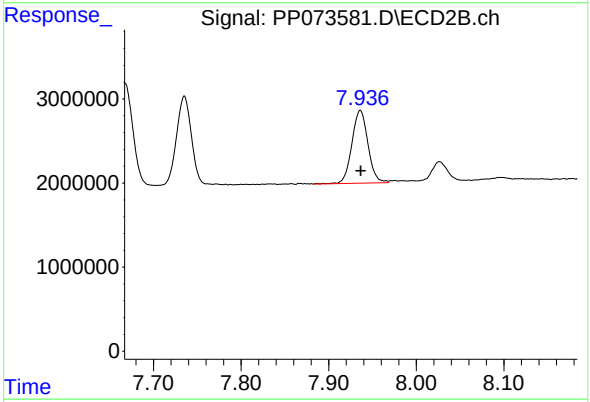
R.T.: 7.735 min
Delta R.T.: 0.000 min
Response: 12801300
Conc: 47.75 ng/ml



#43 AR-1268-3

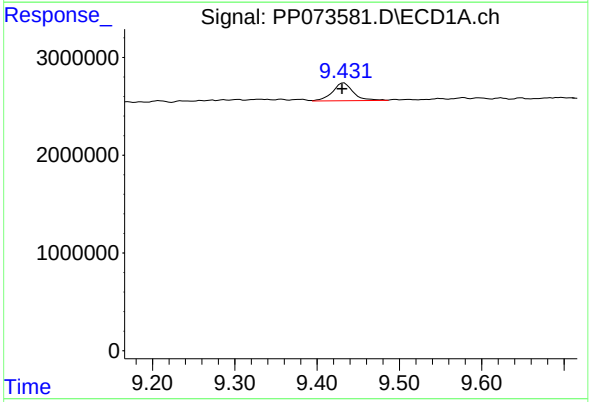
R.T.: 9.015 min
Delta R.T.: 0.002 min
Response: 8012537
Conc: 48.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



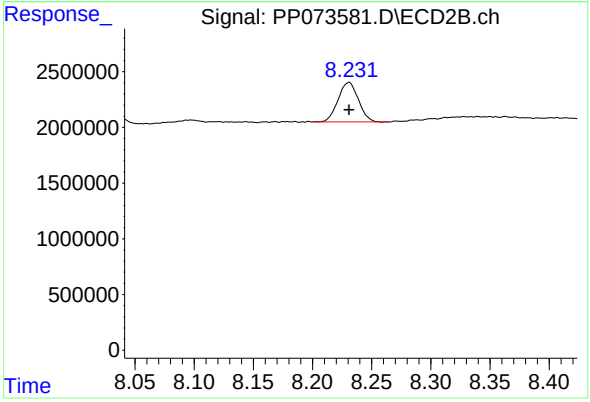
#43 AR-1268-3

R.T.: 7.936 min
Delta R.T.: 0.000 min
Response: 11044482
Conc: 48.71 ng/ml



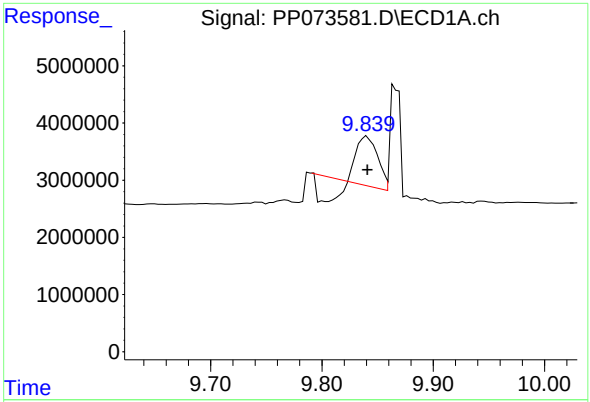
#44 AR-1268-4

R.T.: 9.433 min
Delta R.T.: 0.003 min
Response: 3216586
Conc: 45.40 ng/ml



#44 AR-1268-4

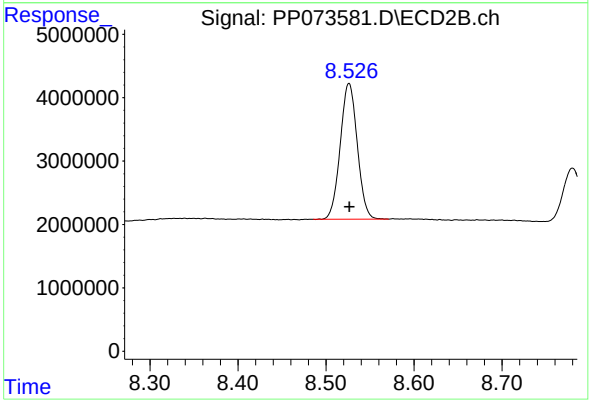
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 4250036
Conc: 44.76 ng/ml



#45 AR-1268-5

R.T.: 9.841 min
Delta R.T.: 0.000 min
Response: 6017980
Conc: 12.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 28831591
Conc: 46.02 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:40
Operator : YP\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RT2286MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.481	3.773	23650205	32913477	17.269	17.866	
2)	SA Decachlor...	10.168	8.770	19654459	26316757	18.014	19.889	
	Target Compounds							
3)	L1 AR-1016-1	5.633	4.849	18863800	29465448	397.019	432.205	
4)	L1 AR-1016-2	5.654	4.867	29837172	43500761	418.974	426.962	
5)	L1 AR-1016-3	5.716	5.043	18207530	24326097	417.001	449.598	
6)	L1 AR-1016-4	5.813	5.085	16224197	19663890	451.354	448.120	
7)	L1 AR-1016-5	6.107	5.298	17720270	24867794	565.593	455.600	
8)	L2 AR-1221-1	4.680	3.980	2047139	3518450	114.580	130.096	
9)	L2 AR-1221-2	4.769	4.068	2580436	4761204	191.080	233.847	
10)	L2 AR-1221-3	4.844	4.142	11299312	16319425	271.587	265.578	
11)	L3 AR-1232-1	4.844	4.142	11299312	16319425	346.066	350.094	
12)	L3 AR-1232-2	5.368	4.867	17207807	43500761	1058.637	912.735	
13)	L3 AR-1232-3	5.654	5.043	29837172	24326097	904.336	971.915	
14)	L3 AR-1232-4	5.813	5.127	16224197	22558031	986.564	1041.639	
15)	L3 AR-1232-5	5.904	5.298	11990321	24867794	1134.334	1102.127	
16)	L4 AR-1242-1	5.633	4.849	18863800	29465448	493.969	510.094	
17)	L4 AR-1242-2	5.654	4.867	29837172	43500761	498.266	503.165	
18)	L4 AR-1242-3	5.716	5.043	18207530	24326097	497.189	529.442	
19)	L4 AR-1242-4	5.813	5.127	16224197	22558031	504.860	509.633	
20)	L4 AR-1242-5	6.543	5.649	5443873	24531218	166.292	444.065	#
21)	L5 AR-1248-1	5.633	4.849	18863800	29465448	611.062	656.321	
22)	L5 AR-1248-2	5.904	5.085	11990321	19663890	300.334	319.548	
23)	L5 AR-1248-3	6.107	5.127	17720270	22558031	399.019	352.114	
24)	L5 AR-1248-4	6.480	5.298	18595954	24867794	337.614	329.910	
25)	L5 AR-1248-5	6.543	5.689	5443873	6016352	101.205	80.658	
26)	L6 AR-1254-1	6.480	5.649	18595954	24531218	347.007	211.421	#
27)	L6 AR-1254-2	6.695	5.796	17350776	23885552	208.320	237.375	
28)	L6 AR-1254-3	7.060	6.212	10719877	44314410	121.359	286.924	#
29)	L6 AR-1254-4	7.341	6.425	8914494	6462960	113.319	68.348	#
30)	L6 AR-1254-5	7.756	6.842	53170622	71346544	721.644	534.652	#
31)	L7 AR-1260-1	7.222	6.328	34694505	55075376	588.429	564.527	
32)	L7 AR-1260-2	7.476	6.517	49718794	66621540	518.769	542.355	
33)	L7 AR-1260-3	7.834	6.668	37706644	60304176	516.030	550.905	
34)	L7 AR-1260-4	8.058	7.137	36868595	47082456	564.604	526.600	
35)	L7 AR-1260-5	8.375	7.380	80346257	117.2E6	532.614	521.396	
36)	L8 AR-1262-1	8.058	6.879	36868595	52862605	423.644	357.925	
37)	L8 AR-1262-2	8.375	7.137	80346257	47082456	405.733	368.324	
38)	L8 AR-1262-3	8.697	7.659	47764045	26973034	379.909	236.566	#
39)	L8 AR-1262-4	8.758	7.724	28415445	77752202	304.682	422.454	#
40)	L8 AR-1262-5	9.422	8.222	19854543	25455071	313.216	301.473	
41)	L9 AR-1268-1	8.697	7.659	47764045	26973034	213.974	87.752	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:40
Operator : YP\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RT2286MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.758	7.724	28415445	77752202	149.158	292.645 #
43)	L9 AR-1268-3	9.006	7.927	1539585	2942539	9.298	13.044 #
44)	L9 AR-1268-4	9.422	8.222	19854543	25455071	285.497	273.805
45)	L9 AR-1268-5	9.833	8.516	5638616	8000594	12.232	12.976

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

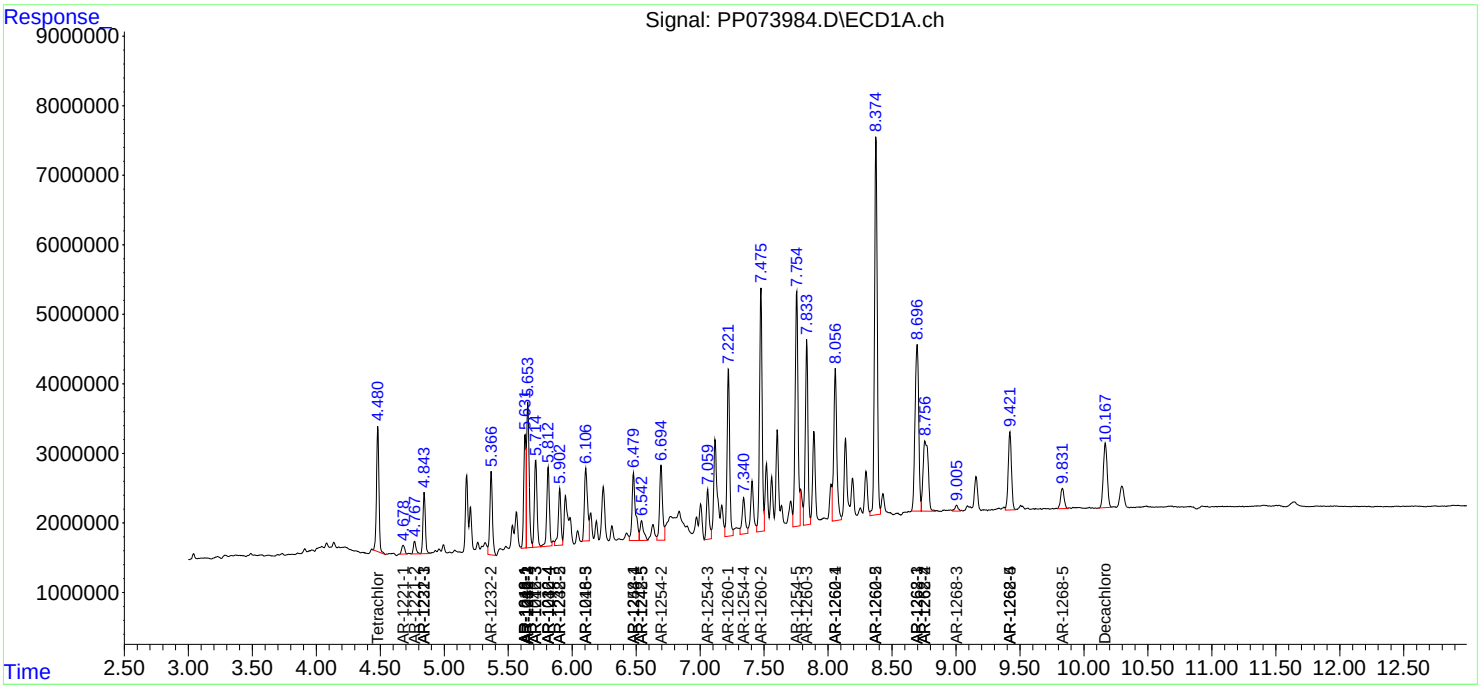
Quantitation Report (Not Reviewed)

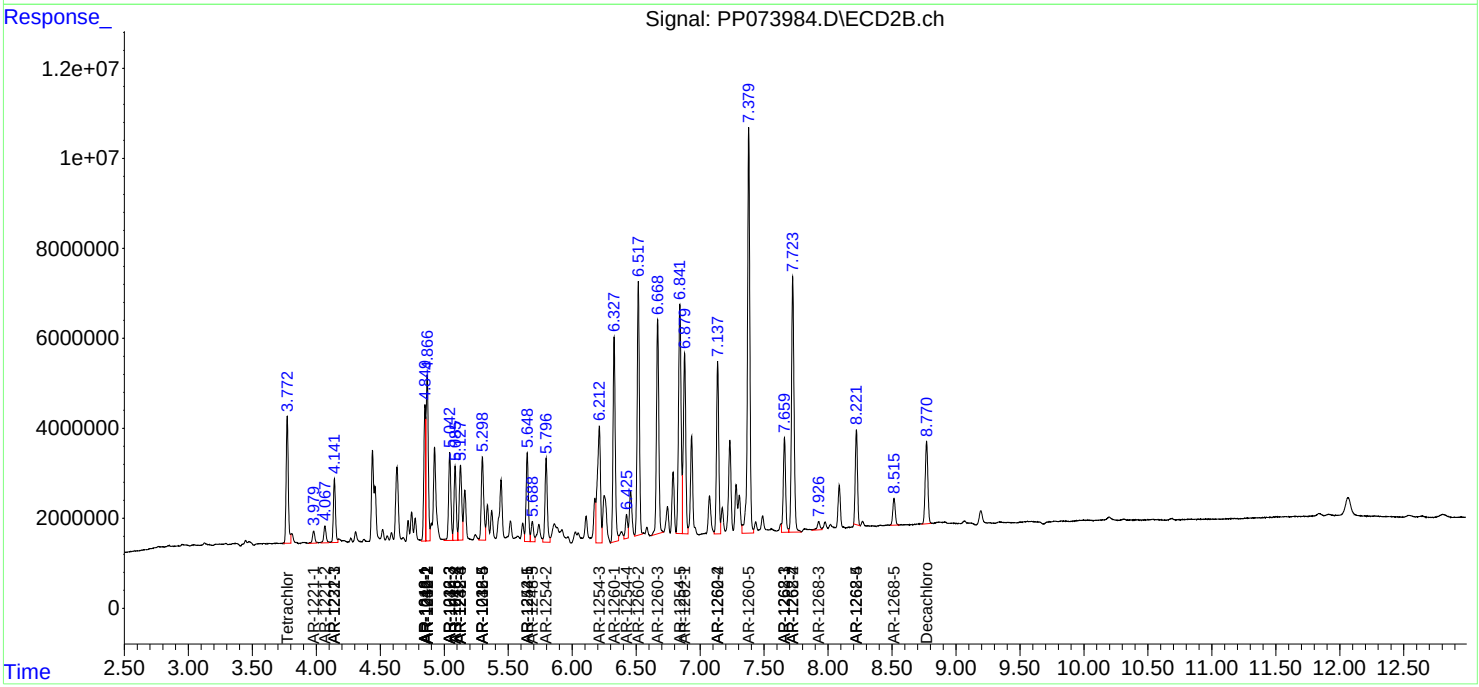
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:40
Operator : YP\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

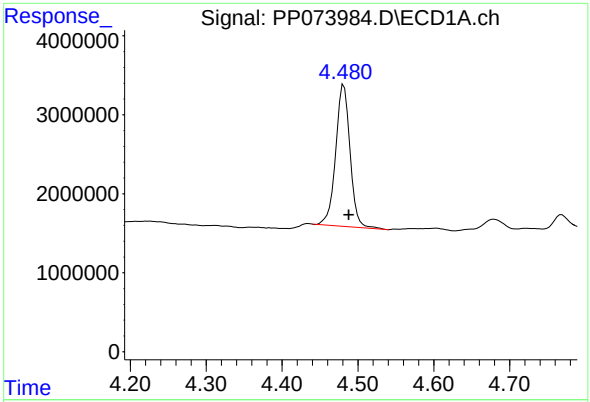
Instrument :
ECD_P
ClientSampleId :
RT2286MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:50:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



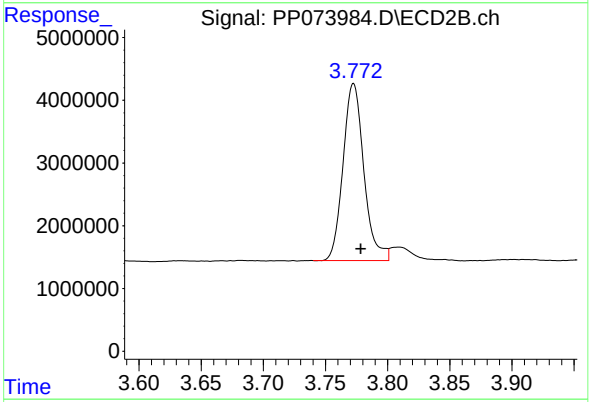




#1 Tetrachloro-m-xylene

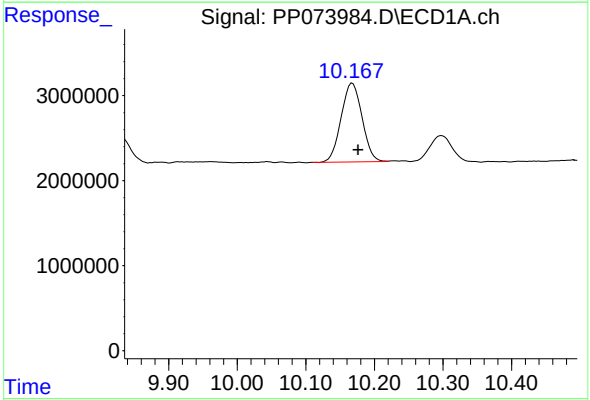
R.T.: 4.481 min
Delta R.T.: -0.007 min
Response: 23650205
Conc: 17.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



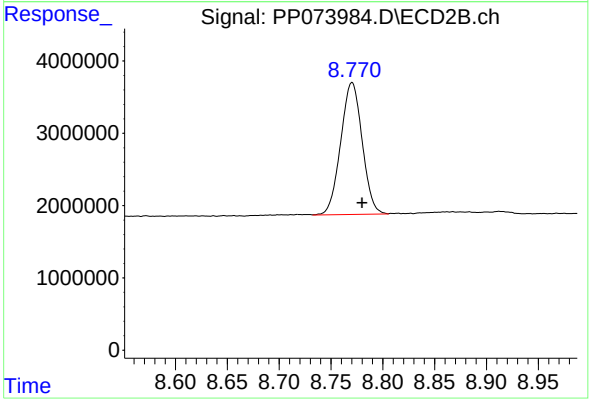
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: -0.006 min
Response: 32913477
Conc: 17.87 ng/ml



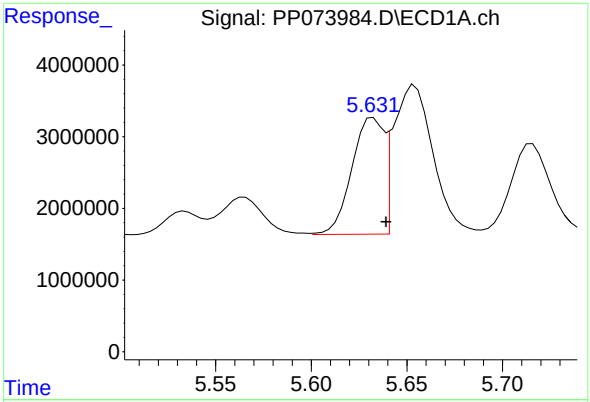
#2 Decachlorobiphenyl

R.T.: 10.168 min
Delta R.T.: -0.008 min
Response: 19654459
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

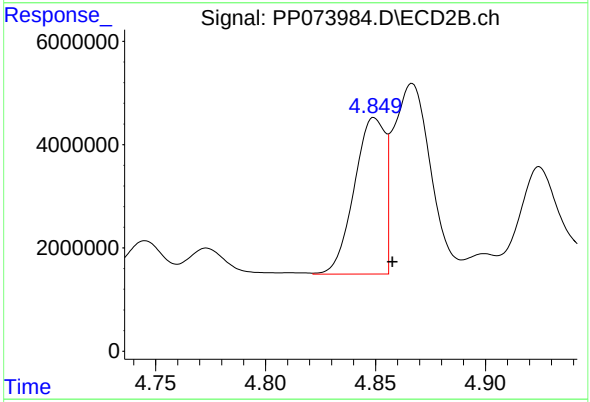
R.T.: 8.770 min
Delta R.T.: -0.010 min
Response: 26316757
Conc: 19.89 ng/ml



#3 AR-1016-1

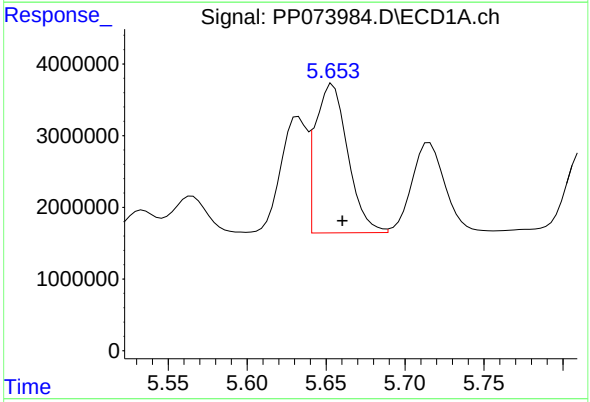
R.T.: 5.633 min
Delta R.T.: -0.006 min
Response: 18863800
Conc: 397.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



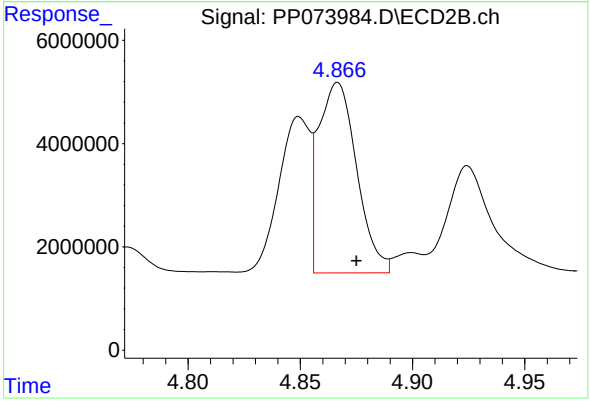
#3 AR-1016-1

R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 29465448
Conc: 432.20 ng/ml



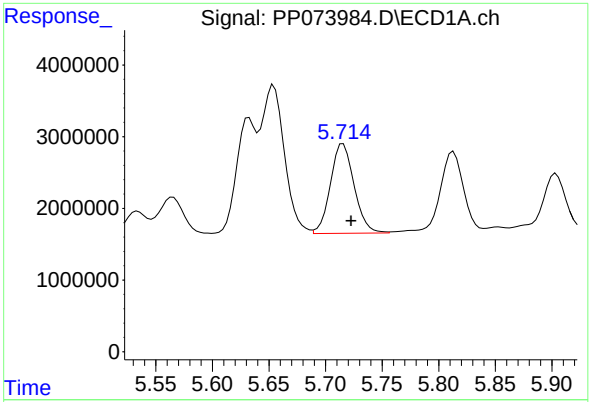
#4 AR-1016-2

R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 29837172
Conc: 418.97 ng/ml



#4 AR-1016-2

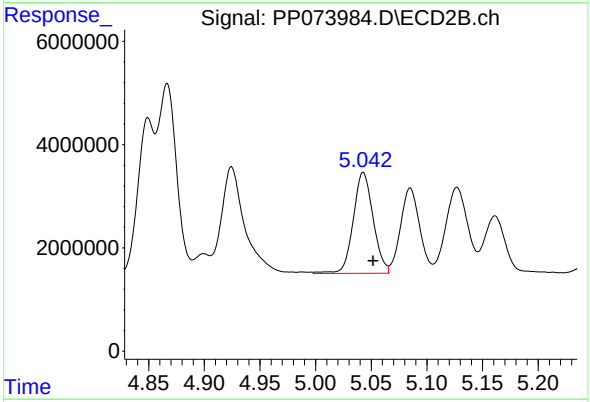
R.T.: 4.867 min
Delta R.T.: -0.008 min
Response: 43500761
Conc: 426.96 ng/ml



#5 AR-1016-3

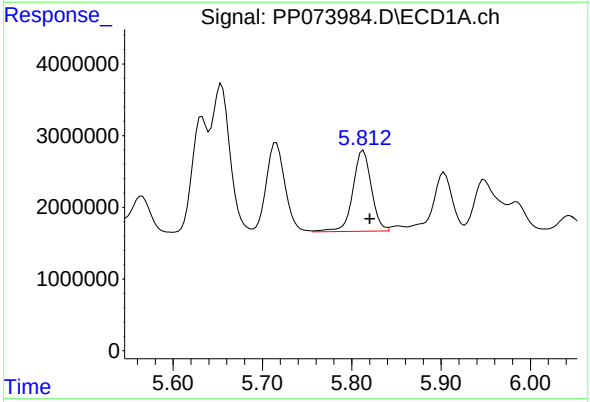
R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 18207530
Conc: 417.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



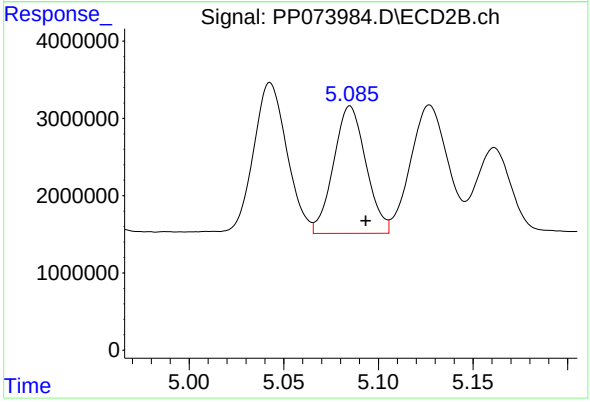
#5 AR-1016-3

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 24326097
Conc: 449.60 ng/ml



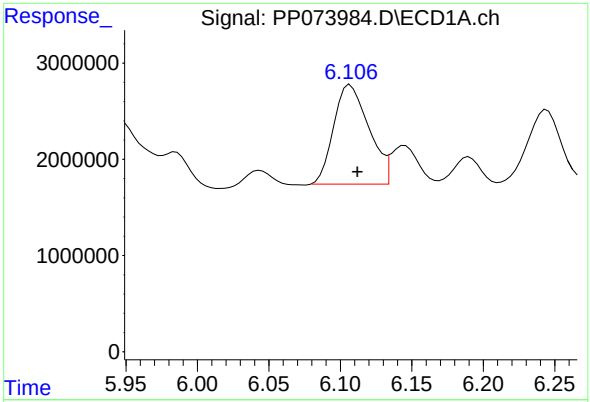
#6 AR-1016-4

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 16224197
Conc: 451.35 ng/ml



#6 AR-1016-4

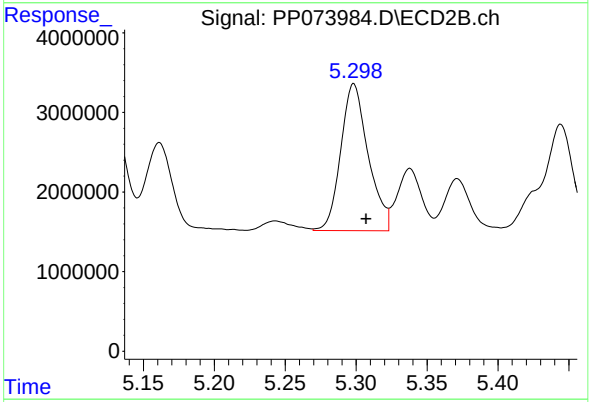
R.T.: 5.085 min
Delta R.T.: -0.008 min
Response: 19663890
Conc: 448.12 ng/ml



#7 AR-1016-5

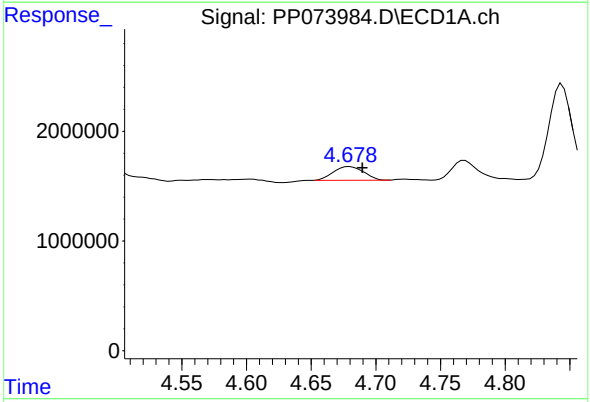
R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 17720270
Conc: 565.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



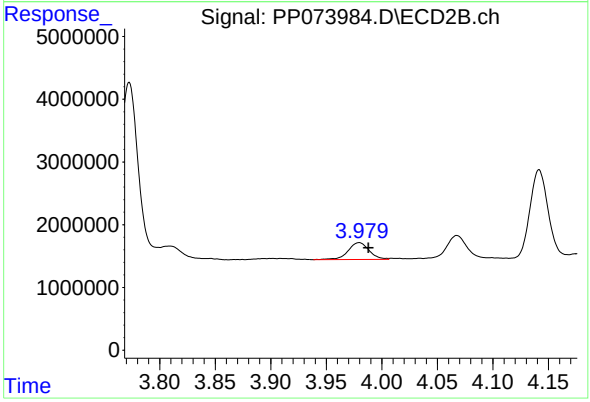
#7 AR-1016-5

R.T.: 5.298 min
Delta R.T.: -0.009 min
Response: 24867794
Conc: 455.60 ng/ml



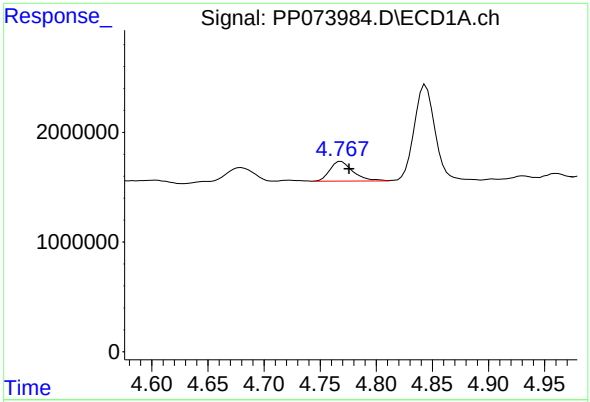
#8 AR-1221-1

R.T.: 4.680 min
Delta R.T.: -0.010 min
Response: 2047139
Conc: 114.58 ng/ml



#8 AR-1221-1

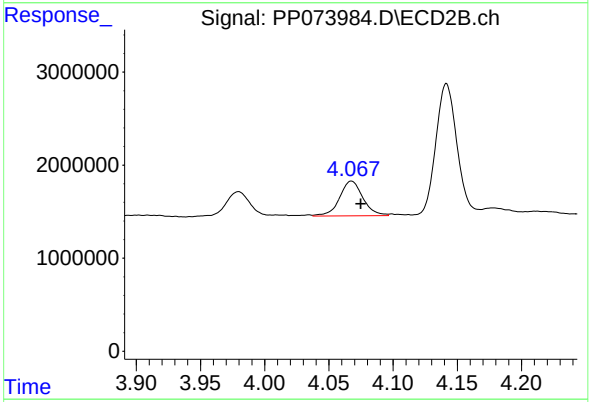
R.T.: 3.980 min
Delta R.T.: -0.008 min
Response: 3518450
Conc: 130.10 ng/ml



#9 AR-1221-2

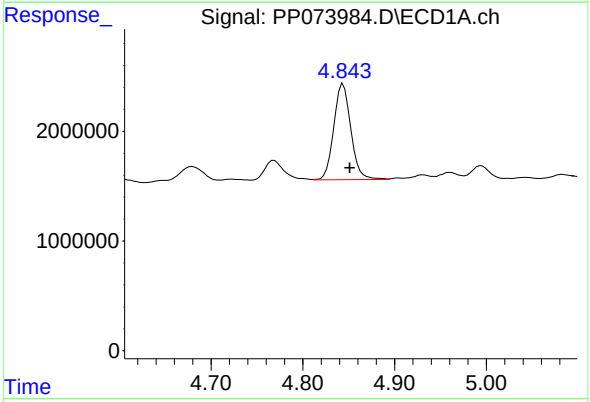
R.T.: 4.769 min
Delta R.T.: -0.007 min
Response: 2580436
Conc: 191.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



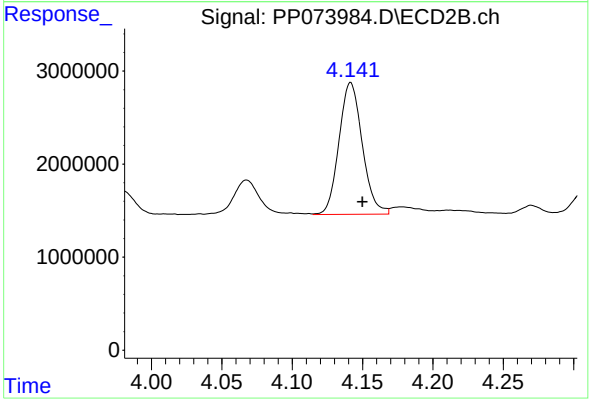
#9 AR-1221-2

R.T.: 4.068 min
Delta R.T.: -0.007 min
Response: 4761204
Conc: 233.85 ng/ml



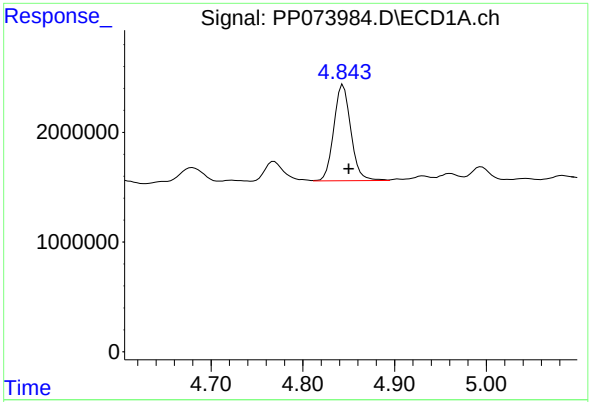
#10 AR-1221-3

R.T.: 4.844 min
Delta R.T.: -0.007 min
Response: 11299312
Conc: 271.59 ng/ml



#10 AR-1221-3

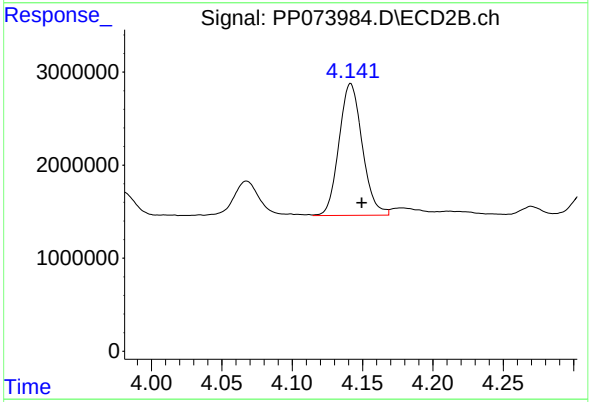
R.T.: 4.142 min
Delta R.T.: -0.008 min
Response: 16319425
Conc: 265.58 ng/ml



#11 AR-1232-1

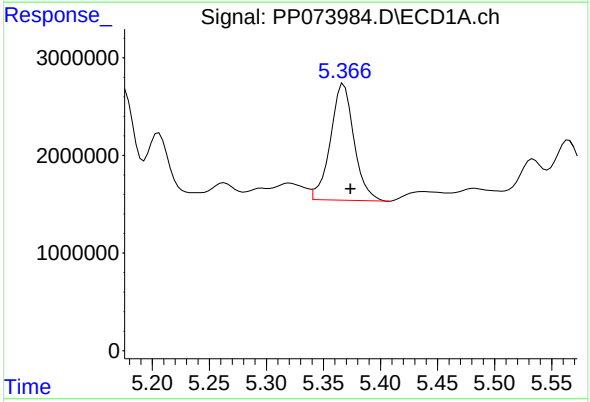
R.T.: 4.844 min
Delta R.T.: -0.006 min
Response: 11299312
Conc: 346.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



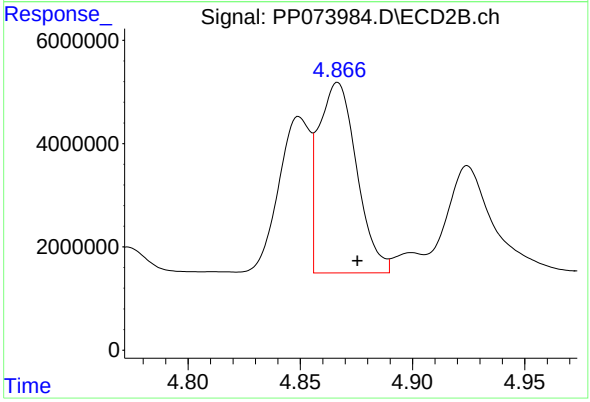
#11 AR-1232-1

R.T.: 4.142 min
Delta R.T.: -0.008 min
Response: 16319425
Conc: 350.09 ng/ml



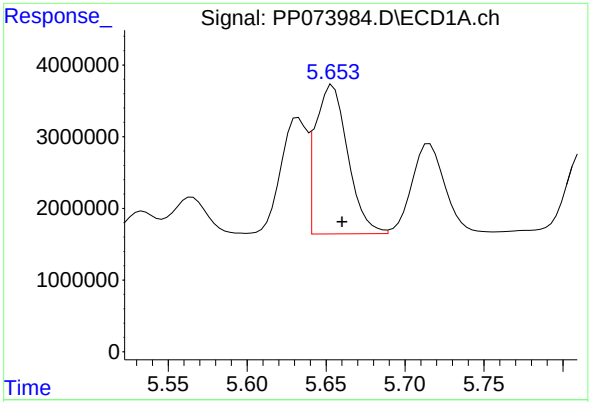
#12 AR-1232-2

R.T.: 5.368 min
Delta R.T.: -0.006 min
Response: 17207807
Conc: 1058.64 ng/ml



#12 AR-1232-2

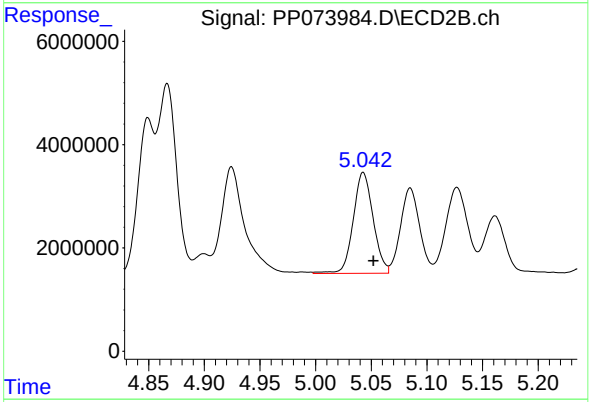
R.T.: 4.867 min
Delta R.T.: -0.009 min
Response: 43500761
Conc: 912.73 ng/ml



#13 AR-1232-3

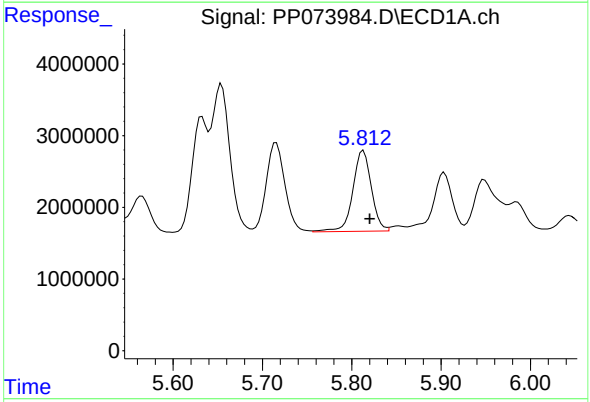
R.T.: 5.654 min
Delta R.T.: -0.006 min
Response: 29837172
Conc: 904.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



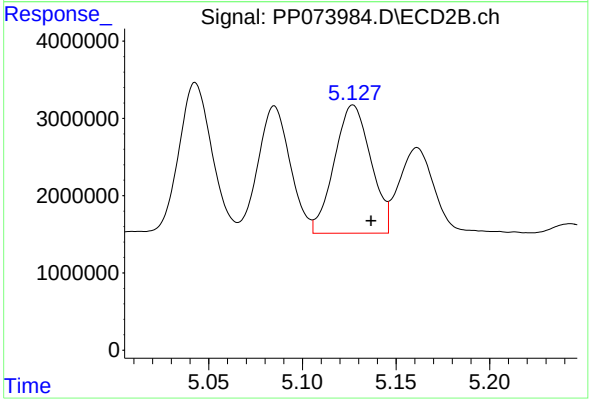
#13 AR-1232-3

R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 24326097
Conc: 971.92 ng/ml



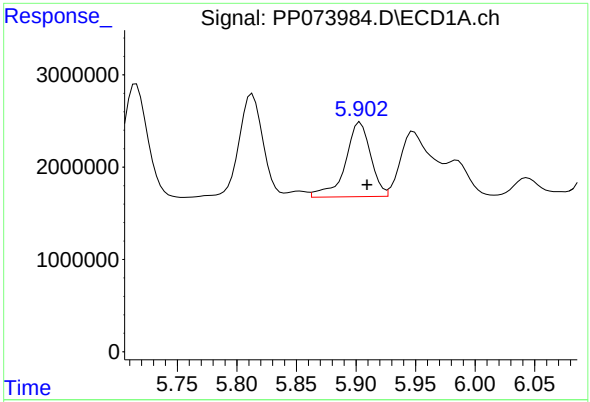
#14 AR-1232-4

R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 16224197
Conc: 986.56 ng/ml



#14 AR-1232-4

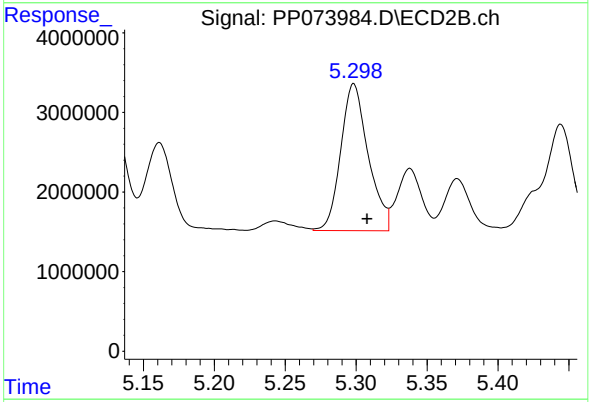
R.T.: 5.127 min
Delta R.T.: -0.010 min
Response: 22558031
Conc: 1041.64 ng/ml



#15 AR-1232-5

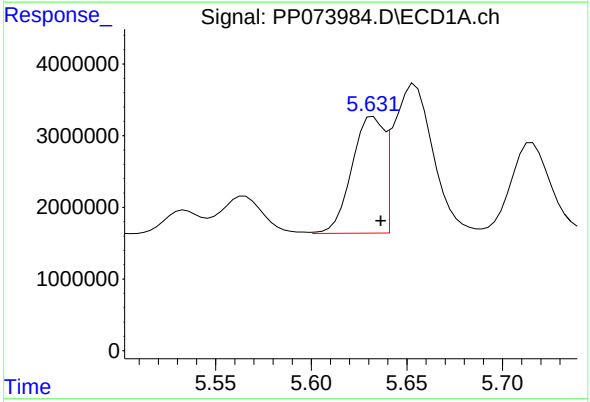
R.T.: 5.904 min
Delta R.T.: -0.006 min
Response: 11990321
Conc: 1134.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



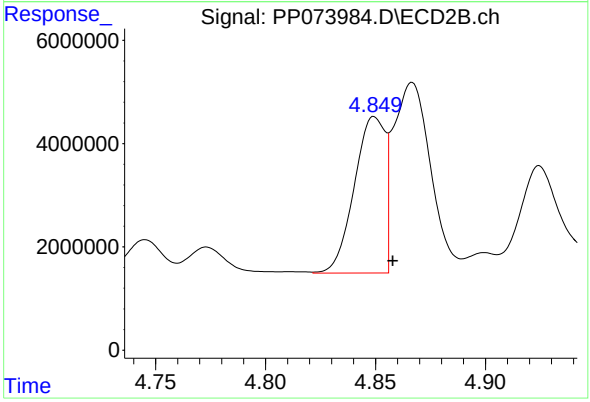
#15 AR-1232-5

R.T.: 5.298 min
Delta R.T.: -0.009 min
Response: 24867794
Conc: 1102.13 ng/ml



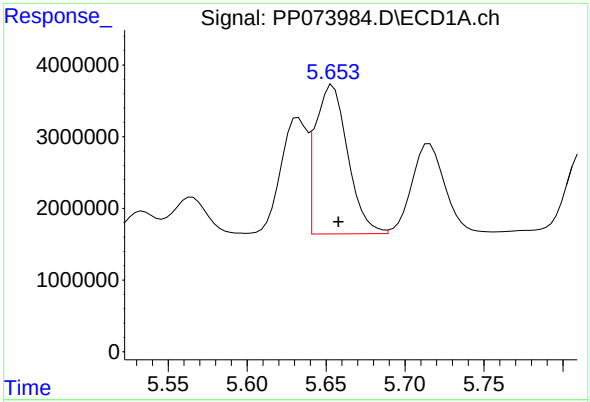
#16 AR-1242-1

R.T.: 5.633 min
Delta R.T.: -0.004 min
Response: 18863800
Conc: 493.97 ng/ml



#16 AR-1242-1

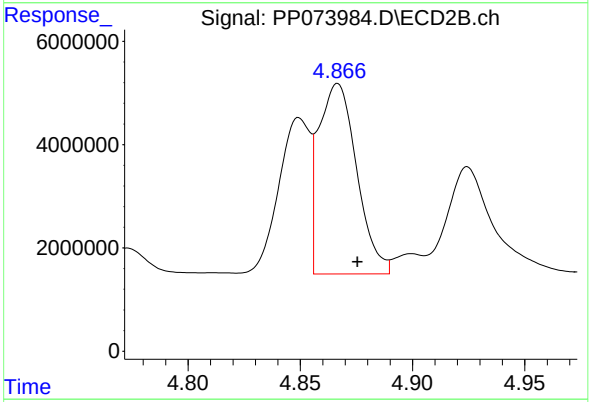
R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 29465448
Conc: 510.09 ng/ml



#17 AR-1242-2

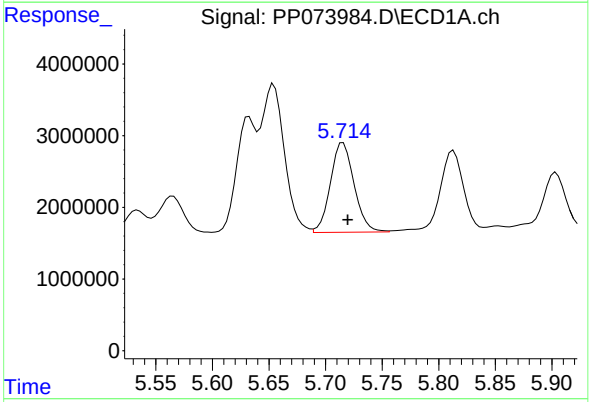
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 29837172
Conc: 498.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



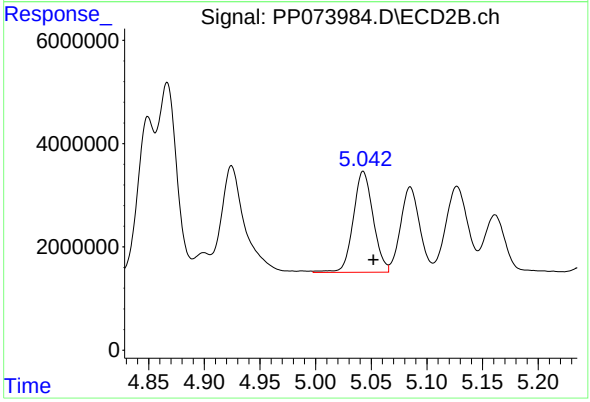
#17 AR-1242-2

R.T.: 4.867 min
Delta R.T.: -0.009 min
Response: 43500761
Conc: 503.17 ng/ml



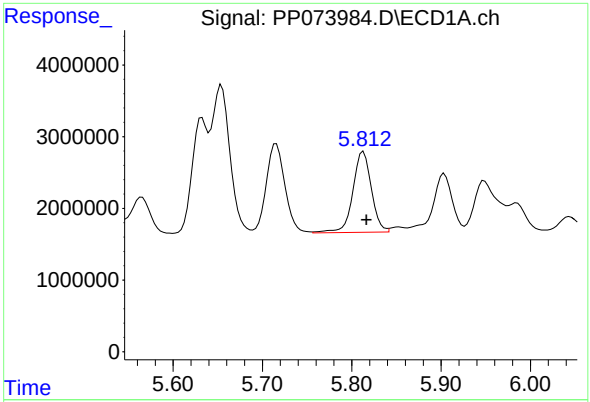
#18 AR-1242-3

R.T.: 5.716 min
Delta R.T.: -0.004 min
Response: 18207530
Conc: 497.19 ng/ml



#18 AR-1242-3

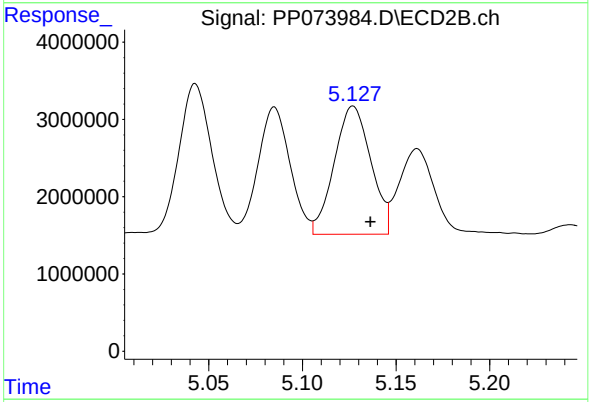
R.T.: 5.043 min
Delta R.T.: -0.009 min
Response: 24326097
Conc: 529.44 ng/ml



#19 AR-1242-4

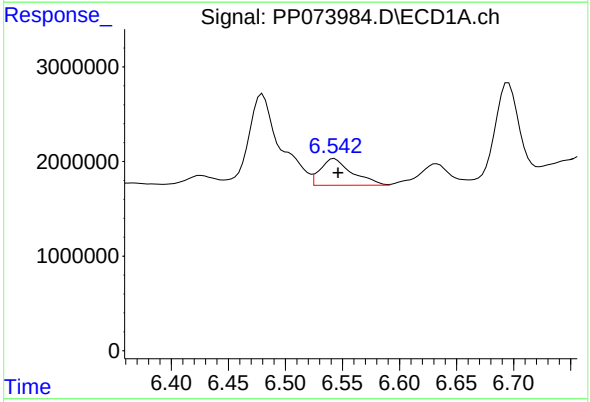
R.T.: 5.813 min
Delta R.T.: -0.004 min
Response: 16224197
Conc: 504.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



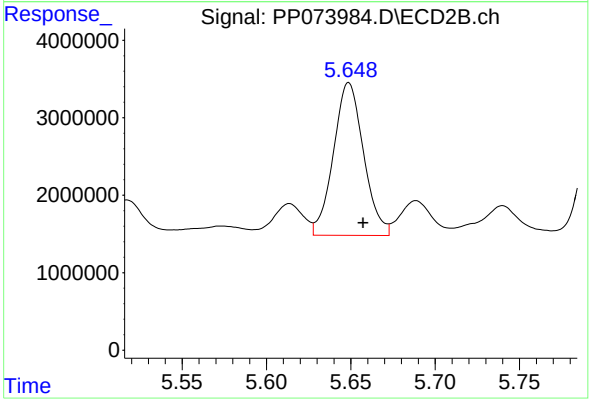
#19 AR-1242-4

R.T.: 5.127 min
Delta R.T.: -0.009 min
Response: 22558031
Conc: 509.63 ng/ml



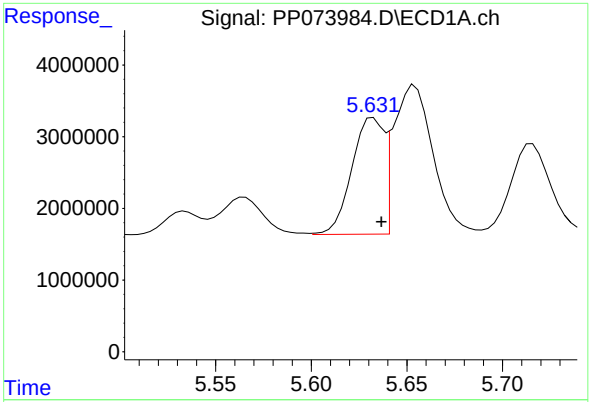
#20 AR-1242-5

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 5443873
Conc: 166.29 ng/ml



#20 AR-1242-5

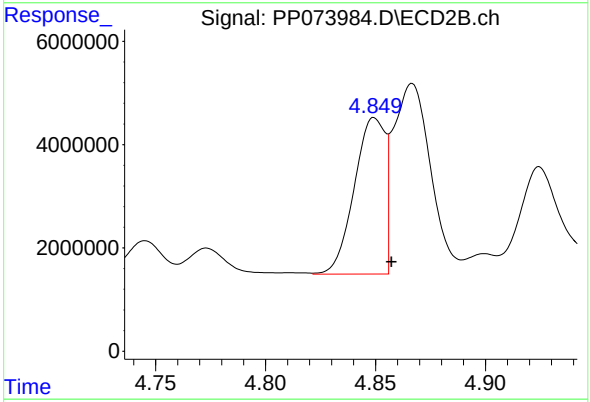
R.T.: 5.649 min
Delta R.T.: -0.008 min
Response: 24531218
Conc: 444.06 ng/ml



#21 AR-1248-1

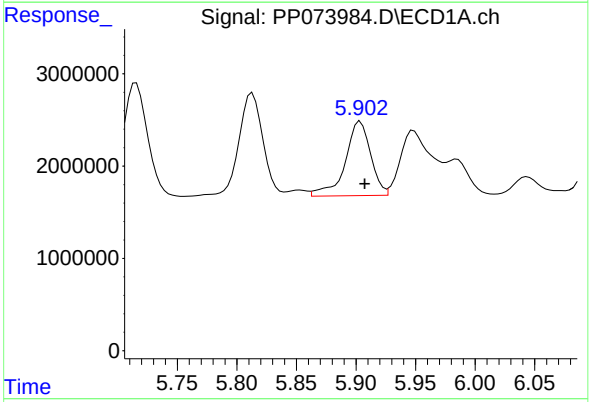
R.T.: 5.633 min
Delta R.T.: -0.004 min
Response: 18863800
Conc: 611.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



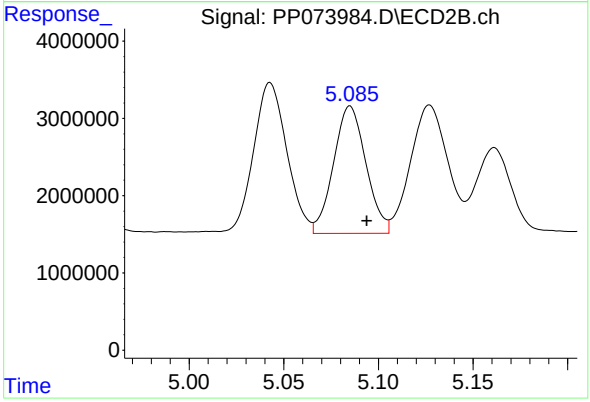
#21 AR-1248-1

R.T.: 4.849 min
Delta R.T.: -0.008 min
Response: 29465448
Conc: 656.32 ng/ml



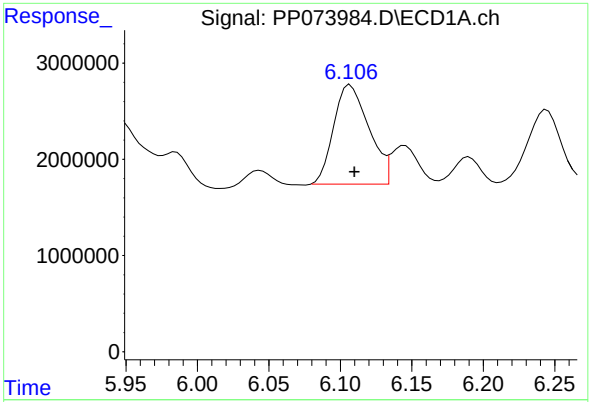
#22 AR-1248-2

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 11990321
Conc: 300.33 ng/ml



#22 AR-1248-2

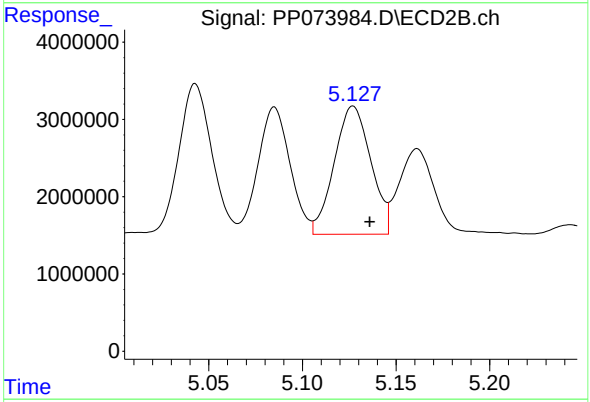
R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 19663890
Conc: 319.55 ng/ml



#23 AR-1248-3

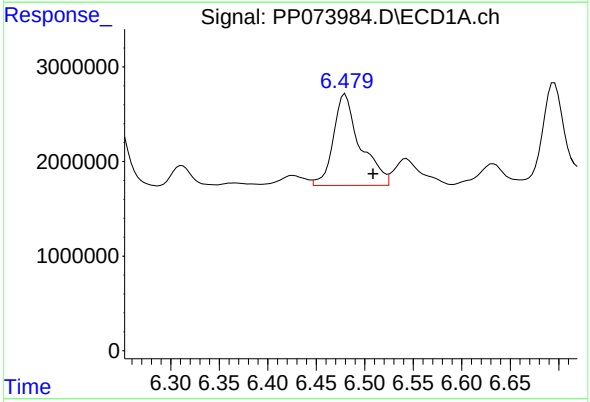
R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 17720270
Conc: 399.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



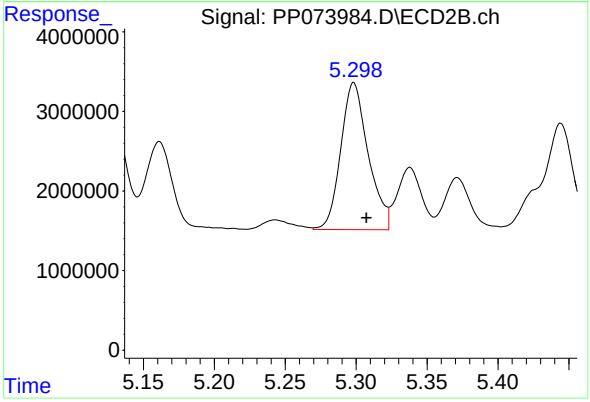
#23 AR-1248-3

R.T.: 5.127 min
Delta R.T.: -0.009 min
Response: 22558031
Conc: 352.11 ng/ml



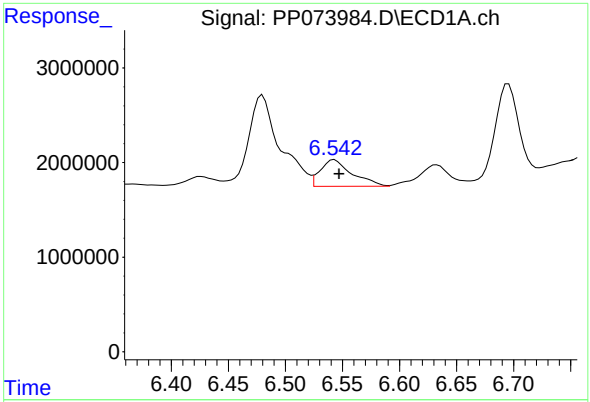
#24 AR-1248-4

R.T.: 6.480 min
Delta R.T.: -0.029 min
Response: 18595954
Conc: 337.61 ng/ml



#24 AR-1248-4

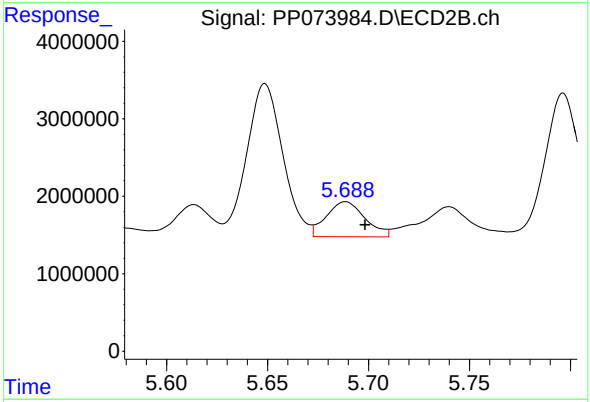
R.T.: 5.298 min
Delta R.T.: -0.009 min
Response: 24867794
Conc: 329.91 ng/ml



#25 AR-1248-5

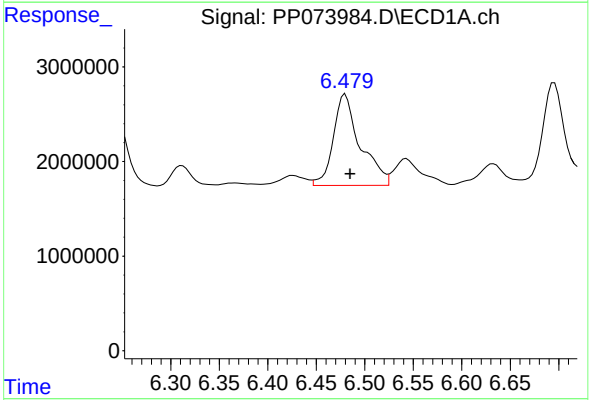
R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 5443873
Conc: 101.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



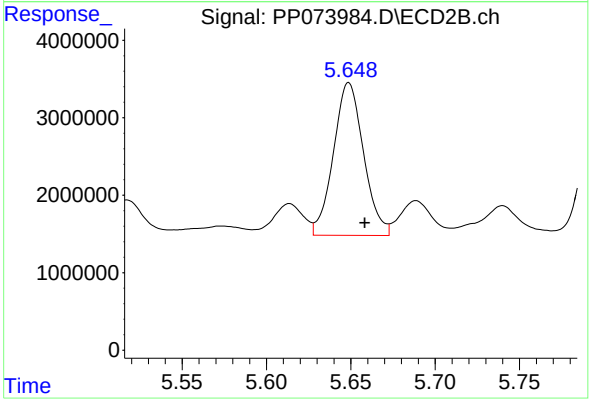
#25 AR-1248-5

R.T.: 5.689 min
Delta R.T.: -0.010 min
Response: 6016352
Conc: 80.66 ng/ml



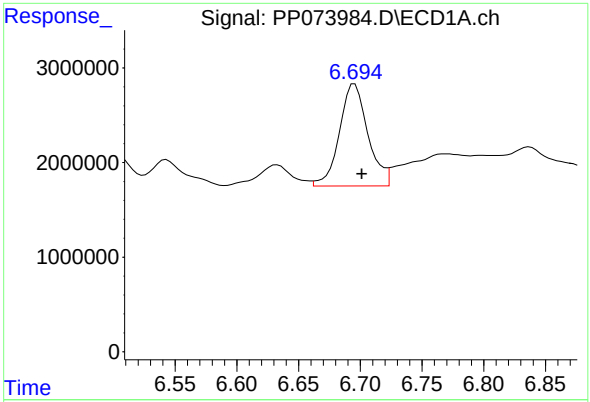
#26 AR-1254-1

R.T.: 6.480 min
Delta R.T.: -0.005 min
Response: 18595954
Conc: 347.01 ng/ml



#26 AR-1254-1

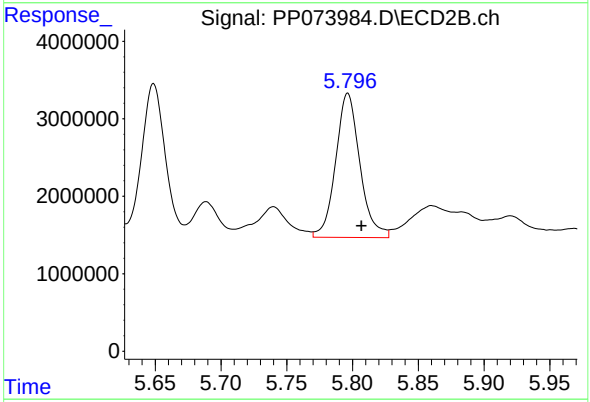
R.T.: 5.649 min
Delta R.T.: -0.009 min
Response: 24531218
Conc: 211.42 ng/ml



#27 AR-1254-2

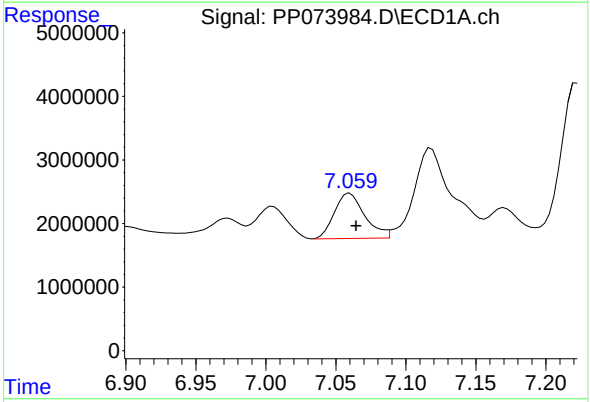
R.T.: 6.695 min
Delta R.T.: -0.006 min
Response: 17350776
Conc: 208.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



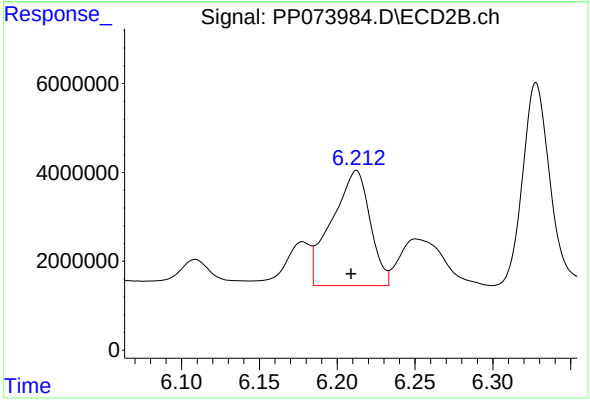
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: -0.010 min
Response: 23885552
Conc: 237.38 ng/ml



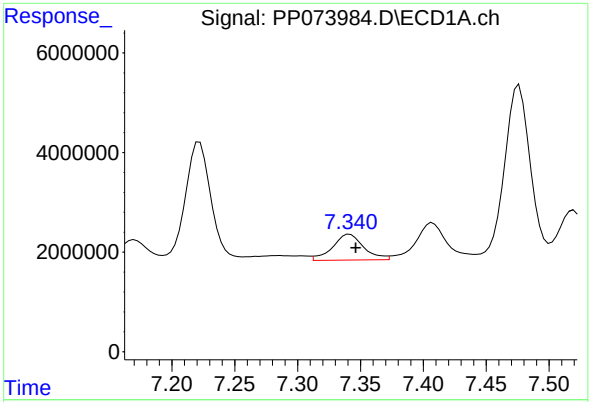
#28 AR-1254-3

R.T.: 7.060 min
Delta R.T.: -0.004 min
Response: 10719877
Conc: 121.36 ng/ml



#28 AR-1254-3

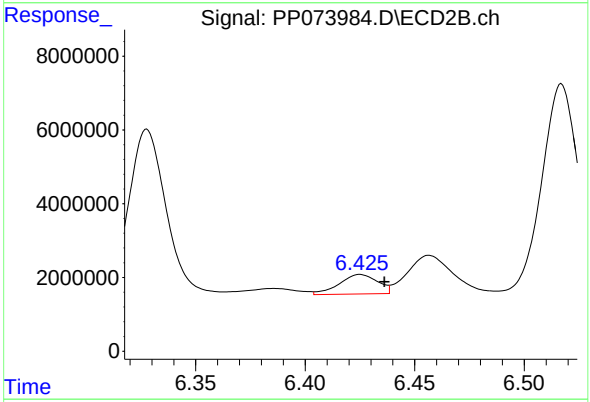
R.T.: 6.212 min
Delta R.T.: 0.003 min
Response: 44314410
Conc: 286.92 ng/ml



#29 AR-1254-4

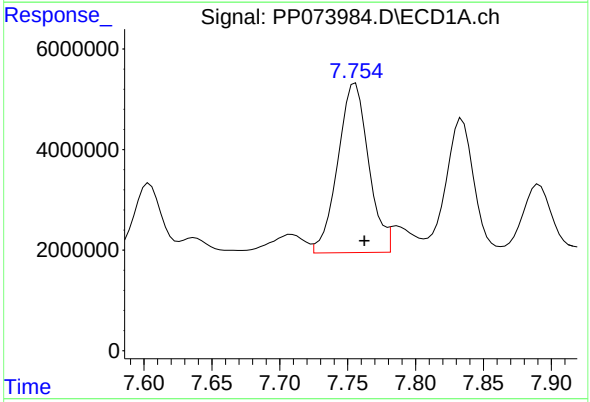
R.T.: 7.341 min
Delta R.T.: -0.005 min
Response: 8914494
Conc: 113.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



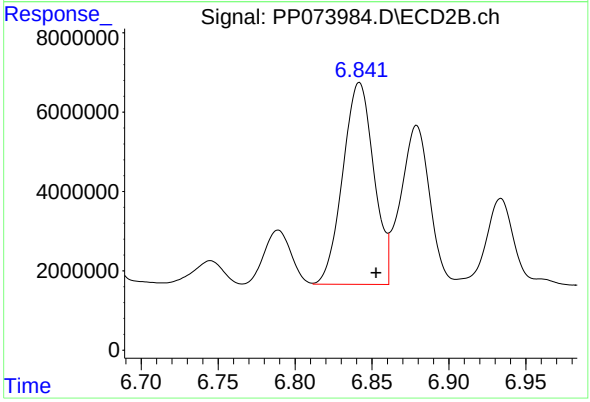
#29 AR-1254-4

R.T.: 6.425 min
Delta R.T.: -0.011 min
Response: 6462960
Conc: 68.35 ng/ml



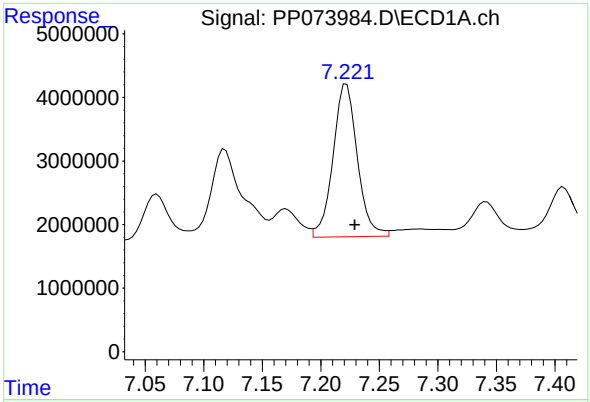
#30 AR-1254-5

R.T.: 7.756 min
Delta R.T.: -0.007 min
Response: 53170622
Conc: 721.64 ng/ml



#30 AR-1254-5

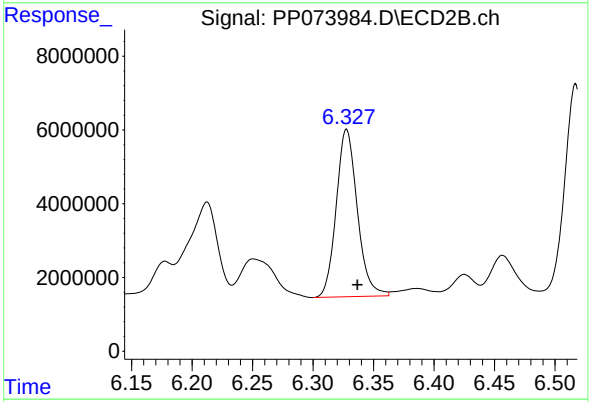
R.T.: 6.842 min
Delta R.T.: -0.011 min
Response: 71346544
Conc: 534.65 ng/ml



#31 AR-1260-1

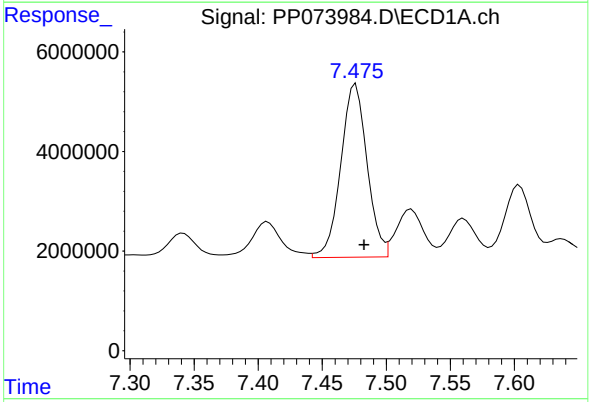
R.T.: 7.222 min
Delta R.T.: -0.007 min
Response: 34694505
Conc: 588.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



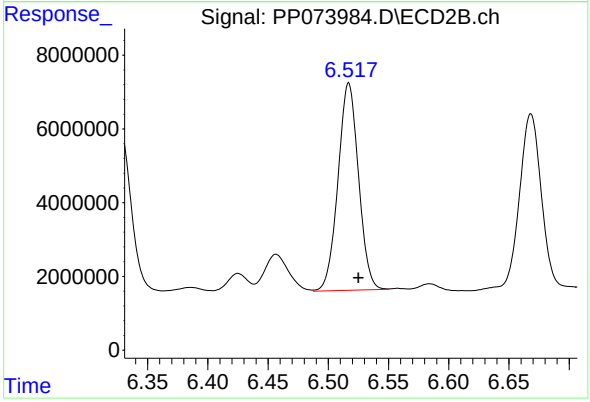
#31 AR-1260-1

R.T.: 6.328 min
Delta R.T.: -0.009 min
Response: 55075376
Conc: 564.53 ng/ml



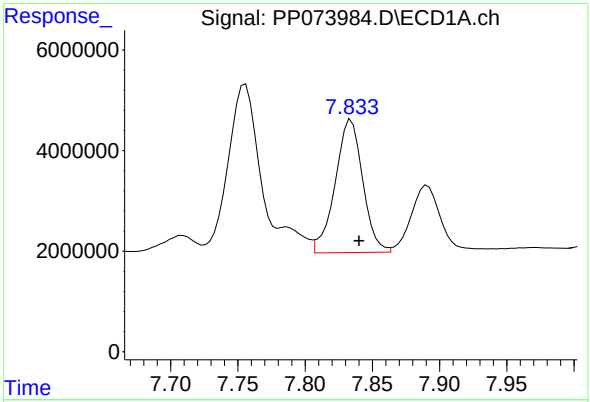
#32 AR-1260-2

R.T.: 7.476 min
Delta R.T.: -0.007 min
Response: 49718794
Conc: 518.77 ng/ml



#32 AR-1260-2

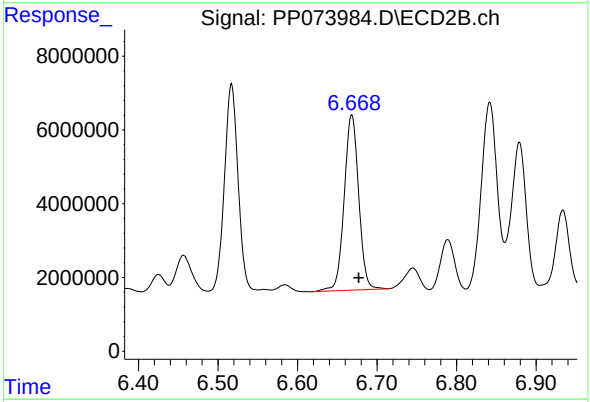
R.T.: 6.517 min
Delta R.T.: -0.008 min
Response: 66621540
Conc: 542.35 ng/ml



#33 AR-1260-3

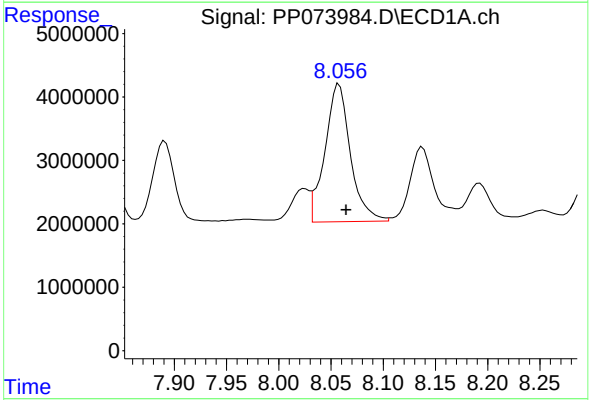
R.T.: 7.834 min
Delta R.T.: -0.006 min
Response: 37706644
Conc: 516.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



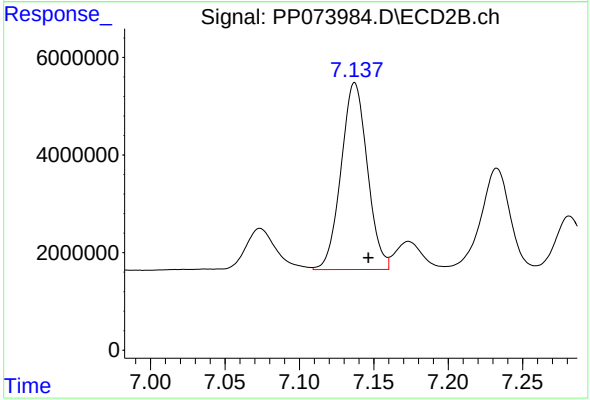
#33 AR-1260-3

R.T.: 6.668 min
Delta R.T.: -0.009 min
Response: 60304176
Conc: 550.91 ng/ml



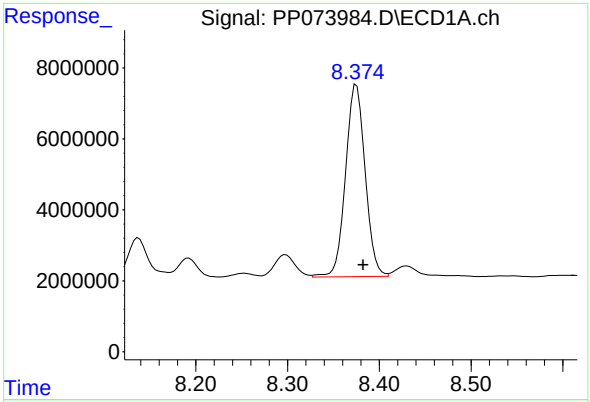
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 36868595
Conc: 564.60 ng/ml



#34 AR-1260-4

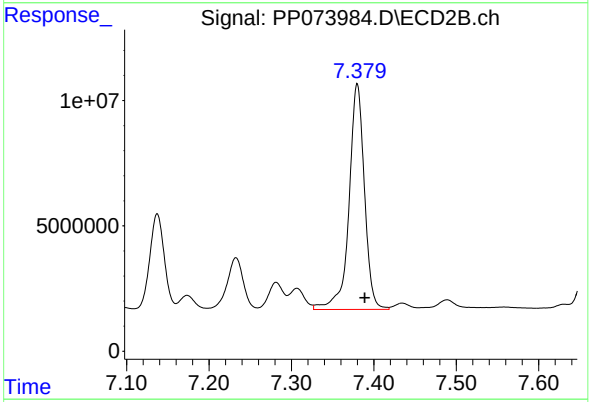
R.T.: 7.137 min
Delta R.T.: -0.009 min
Response: 47082456
Conc: 526.60 ng/ml



#35 AR-1260-5

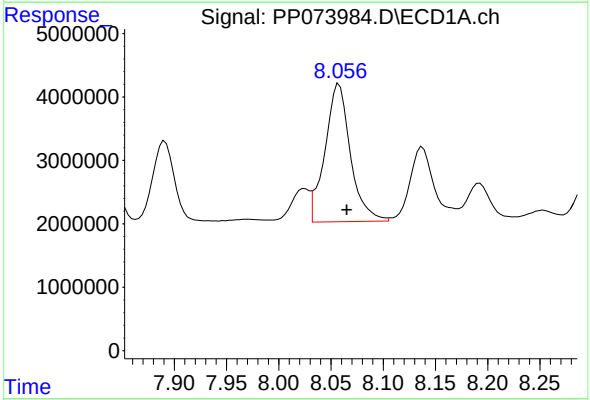
R.T.: 8.375 min
Delta R.T.: -0.007 min
Response: 80346257
Conc: 532.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



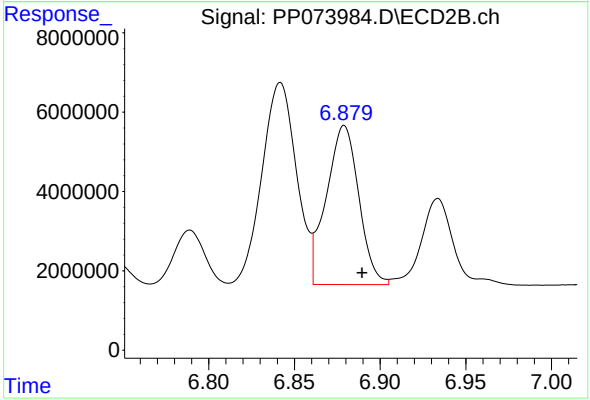
#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 117176775
Conc: 521.40 ng/ml



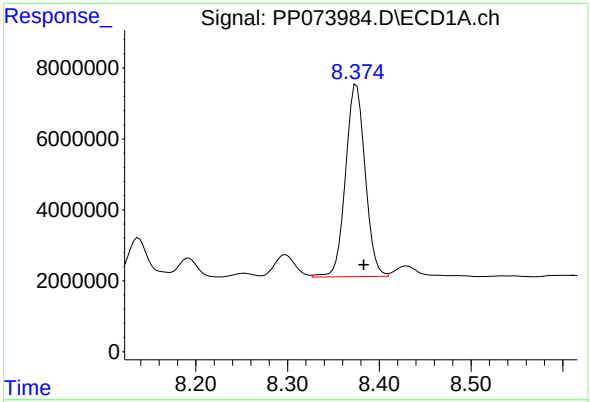
#36 AR-1262-1

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 36868595
Conc: 423.64 ng/ml



#36 AR-1262-1

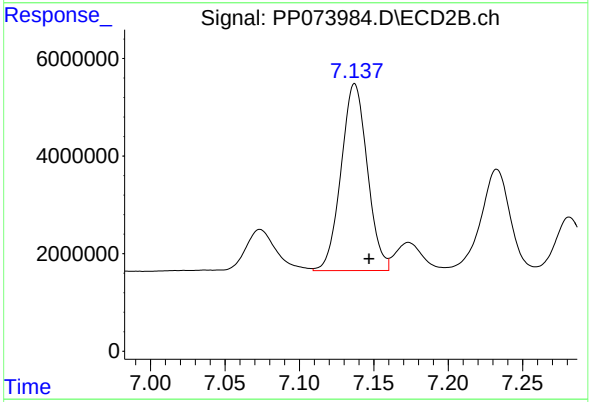
R.T.: 6.879 min
Delta R.T.: -0.010 min
Response: 52862605
Conc: 357.93 ng/ml



#37 AR-1262-2

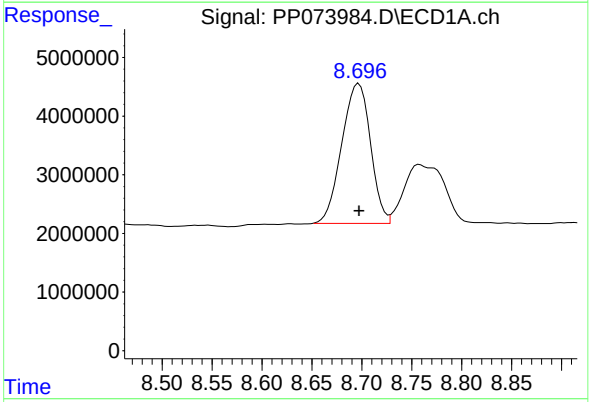
R.T.: 8.375 min
Delta R.T.: -0.008 min
Response: 80346257
Conc: 405.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



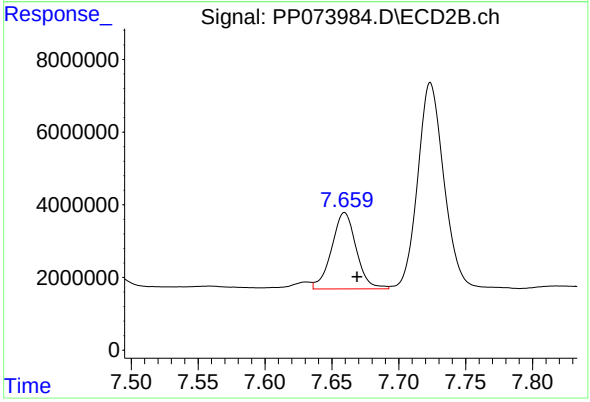
#37 AR-1262-2

R.T.: 7.137 min
Delta R.T.: -0.010 min
Response: 47082456
Conc: 368.32 ng/ml



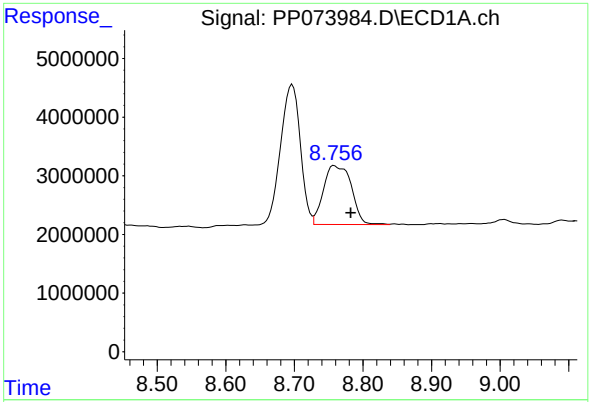
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.000 min
Response: 47764045
Conc: 379.91 ng/ml



#38 AR-1262-3

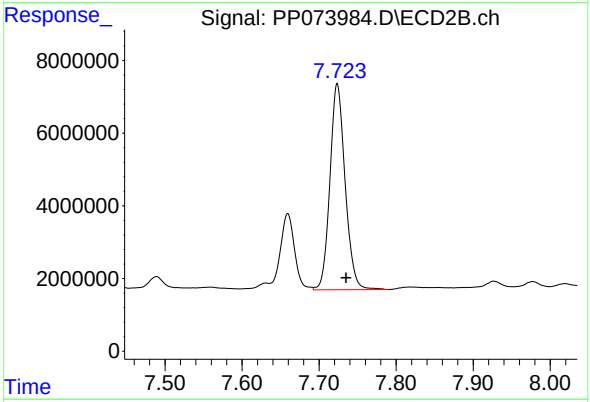
R.T.: 7.659 min
Delta R.T.: -0.009 min
Response: 26973034
Conc: 236.57 ng/ml



#39 AR-1262-4

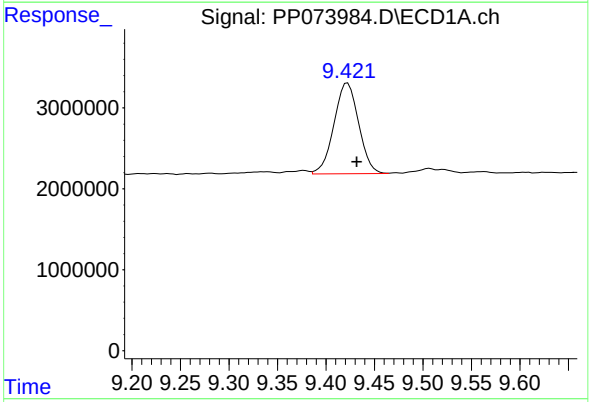
R.T.: 8.758 min
Delta R.T.: -0.024 min
Response: 28415445
Conc: 304.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



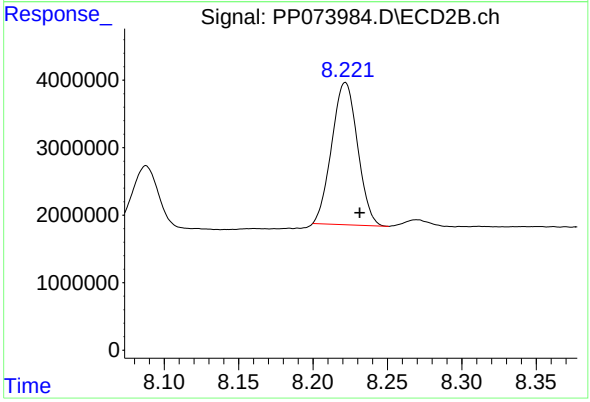
#39 AR-1262-4

R.T.: 7.724 min
Delta R.T.: -0.011 min
Response: 77752202
Conc: 422.45 ng/ml



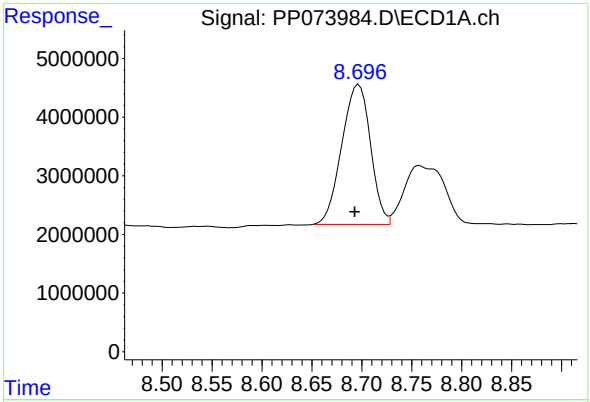
#40 AR-1262-5

R.T.: 9.422 min
Delta R.T.: -0.009 min
Response: 19854543
Conc: 313.22 ng/ml



#40 AR-1262-5

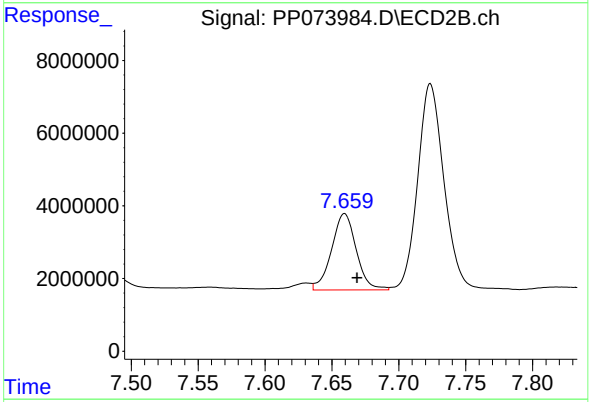
R.T.: 8.222 min
Delta R.T.: -0.010 min
Response: 25455071
Conc: 301.47 ng/ml



#41 AR-1268-1

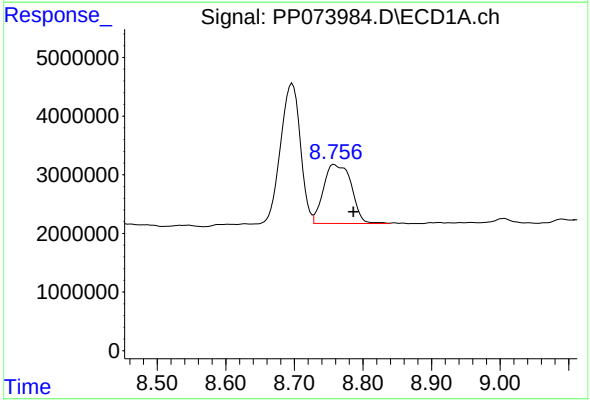
R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 47764045
Conc: 213.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



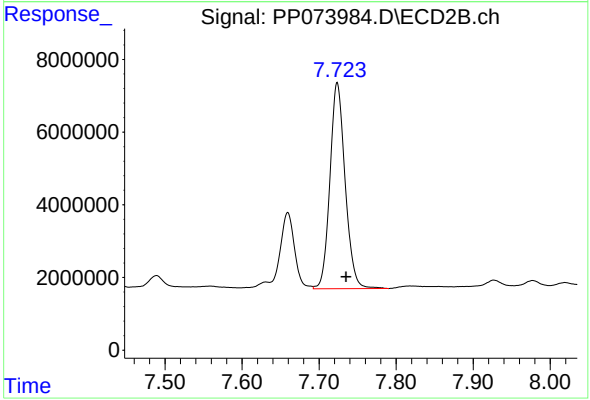
#41 AR-1268-1

R.T.: 7.659 min
Delta R.T.: -0.009 min
Response: 26973034
Conc: 87.75 ng/ml



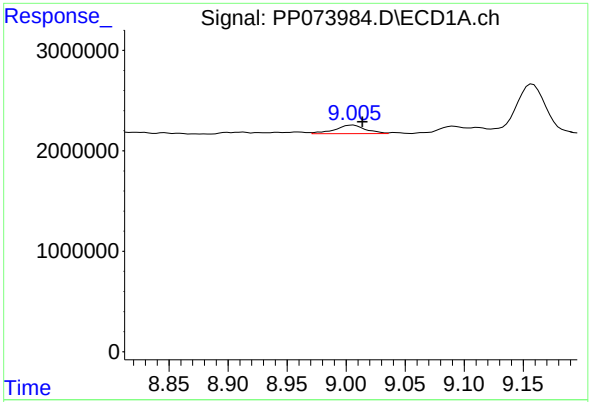
#42 AR-1268-2

R.T.: 8.758 min
Delta R.T.: -0.028 min
Response: 28415445
Conc: 149.16 ng/ml



#42 AR-1268-2

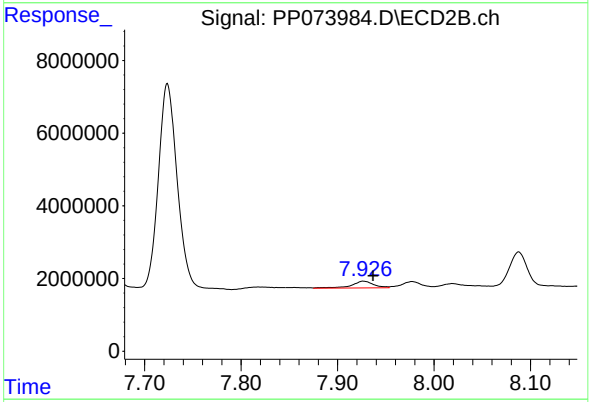
R.T.: 7.724 min
Delta R.T.: -0.012 min
Response: 77752202
Conc: 292.64 ng/ml



#43 AR-1268-3

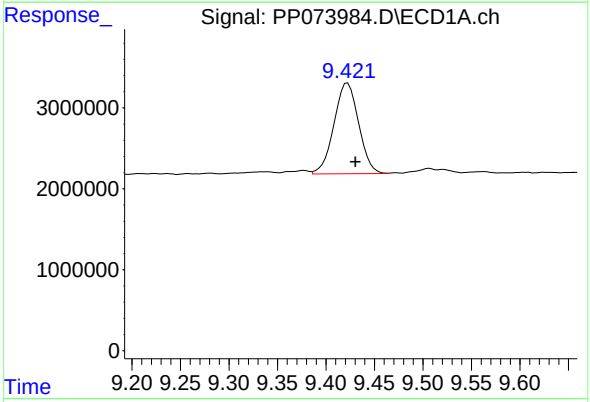
R.T.: 9.006 min
Delta R.T.: -0.008 min
Response: 1539585
Conc: 9.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



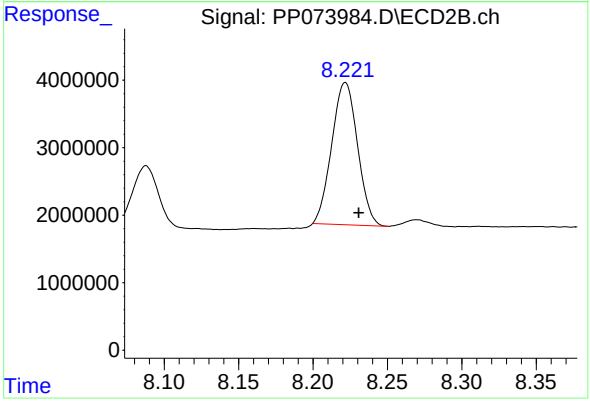
#43 AR-1268-3

R.T.: 7.927 min
Delta R.T.: -0.010 min
Response: 2942539
Conc: 13.04 ng/ml



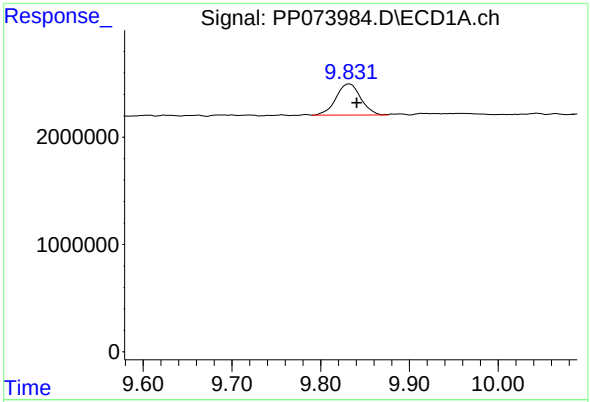
#44 AR-1268-4

R.T.: 9.422 min
Delta R.T.: -0.008 min
Response: 19854543
Conc: 285.50 ng/ml



#44 AR-1268-4

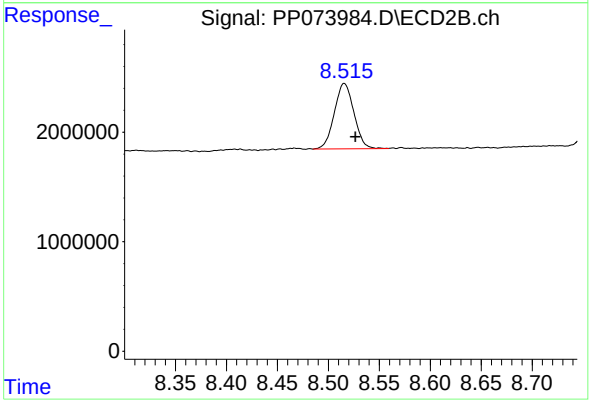
R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 25455071
Conc: 273.81 ng/ml



#45 AR-1268-5

R.T.: 9.833 min
Delta R.T.: -0.008 min
Response: 5638616
Conc: 12.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MS



#45 AR-1268-5

R.T.: 8.516 min
Delta R.T.: -0.011 min
Response: 8000594
Conc: 12.98 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:56
Operator : YP\AJ
Sample : Q2635-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.485	3.774	23007780	32891692	16.800	17.854	
2)	SA Decachlor...	10.171	8.771	19437749	25634073	17.816	19.374	
	Target Compounds							
3)	L1 AR-1016-1	5.636	4.851	18736879	29541322	394.348	433.318	
4)	L1 AR-1016-2	5.657	4.869	30133135	43844893	423.130	430.340	
5)	L1 AR-1016-3	5.719	5.045	18269038	24208384	418.409	447.422	
6)	L1 AR-1016-4	5.816	5.087	16118675	19716668	448.419	449.323	
7)	L1 AR-1016-5	6.110	5.300	17783528	24543584	567.612	449.660	
8)	L2 AR-1221-1	4.684	3.982	2316741	3672400	129.670	135.789	
9)	L2 AR-1221-2	4.772	4.069	2571348	4922940	190.407	241.791	#
10)	L2 AR-1221-3	4.847	4.144	11286630	16409637	271.282	267.046	
11)	L3 AR-1232-1	4.847	4.144	11286630	16409637	345.678	352.030	
12)	L3 AR-1232-2	5.371	4.869	17167747	43844893	1056.173	919.955	
13)	L3 AR-1232-3	5.657	5.045	30133135	24208384	913.306	967.212	
14)	L3 AR-1232-4	5.816	5.129	16118675	22709464	980.147	1048.631	
15)	L3 AR-1232-5	5.907	5.300	11991357	24543584	1134.432	1087.759	
16)	L4 AR-1242-1	5.636	4.851	18736879	29541322	490.646	511.407	
17)	L4 AR-1242-2	5.657	4.869	30133135	43844893	503.208	507.146	
18)	L4 AR-1242-3	5.719	5.045	18269038	24208384	498.869	526.880	
19)	L4 AR-1242-4	5.816	5.129	16118675	22709464	501.577	513.054	
20)	L4 AR-1242-5	6.546	5.651	6319352	24658094	193.035	446.361	#
21)	L5 AR-1248-1	5.636	4.851	18736879	29541322	606.950	658.011	
22)	L5 AR-1248-2	5.907	5.087	11991357	19716668	300.359	320.406	
23)	L5 AR-1248-3	6.110	5.129	17783528	22709464	400.443	354.478	
24)	L5 AR-1248-4	6.483	5.300	19277292	24543584	349.984	325.609	
25)	L5 AR-1248-5	6.546	5.690	6319352	5986328	117.481	80.255	#
26)	L6 AR-1254-1	6.483	5.651	19277292	24658094	359.721	212.515	#
27)	L6 AR-1254-2	6.698	5.799	18157197	23975260	218.003	238.267	
28)	L6 AR-1254-3	7.063	6.214	10928576	44083931	123.722	285.432	#
29)	L6 AR-1254-4	7.344	6.428	10348921	6367228	131.553	67.336	#
30)	L6 AR-1254-5	7.759	6.844	53191433	71090554	721.927	532.734	#
31)	L7 AR-1260-1	7.226	6.330	35309050	54851085	598.852	562.228	
32)	L7 AR-1260-2	7.479	6.518	49841976	65815583	520.055	535.794	
33)	L7 AR-1260-3	7.837	6.670	37810191	59476912	517.447	543.348	
34)	L7 AR-1260-4	8.061	7.139	45575779	46277558	697.946	517.597	#
35)	L7 AR-1260-5	8.378	7.383	80997949	117.0E6	536.934	520.578	
36)	L8 AR-1262-1	8.061	6.881	45575779	52214863	523.695	353.540	#
37)	L8 AR-1262-2	8.378	7.139	80997949	46277558	409.024	362.027	
38)	L8 AR-1262-3	8.700	7.661	47490444	26041835	377.733	228.399	#
39)	L8 AR-1262-4	8.777	7.726	10905481	76651297	116.933	416.472	#
40)	L8 AR-1262-5	9.426	8.224	19633340	25848025	309.726	306.127	
41)	L9 AR-1268-1	8.700	7.661	47490444	26041835	212.748	84.723	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:56
Operator : YP\AJ
Sample : Q2635-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
RT2286MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.777	7.726	10905481	76651297	57.245	288.501 #
43)	L9 AR-1268-3	9.009	7.930	1635702	2877785	9.879	12.757 #
44)	L9 AR-1268-4	9.426	8.224	19633340	25848025	282.316	278.032
45)	L9 AR-1268-5	9.836	8.517	5572340	7686741	12.089	12.467

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

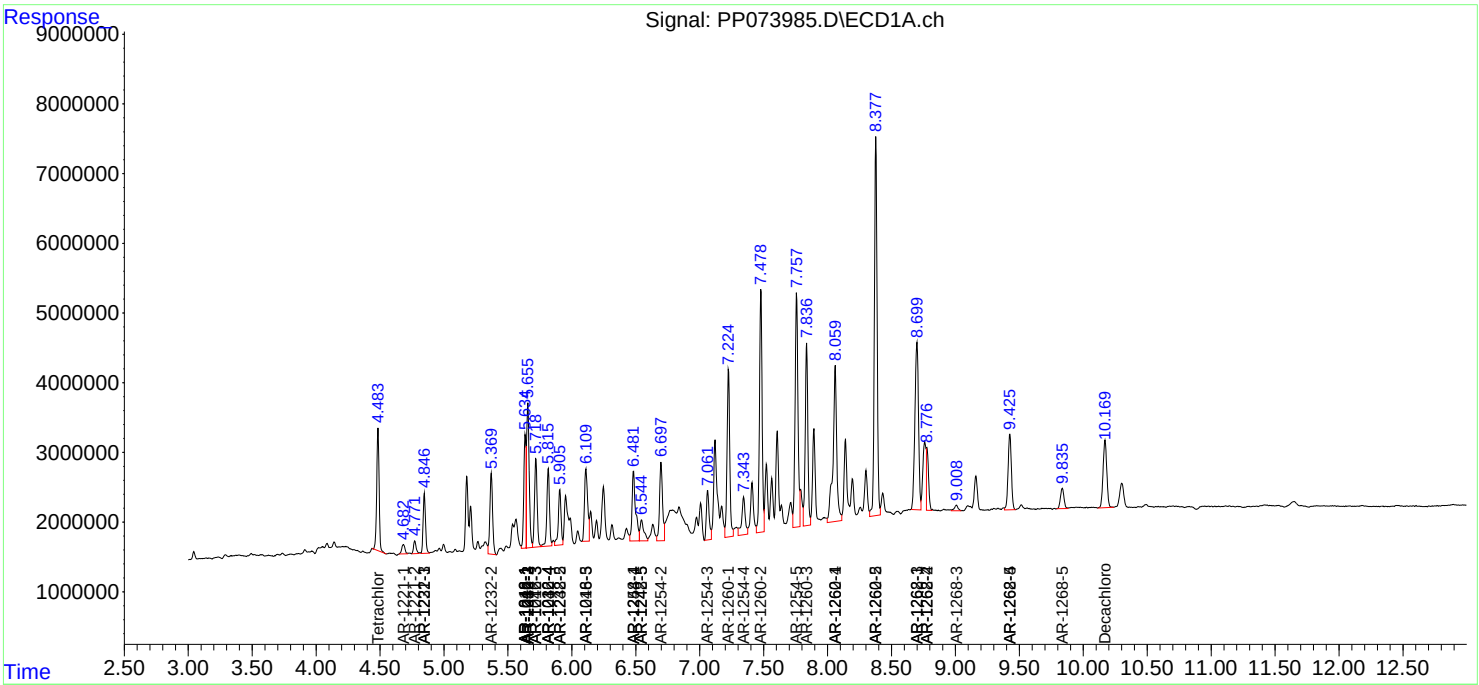
Quantitation Report (Not Reviewed)

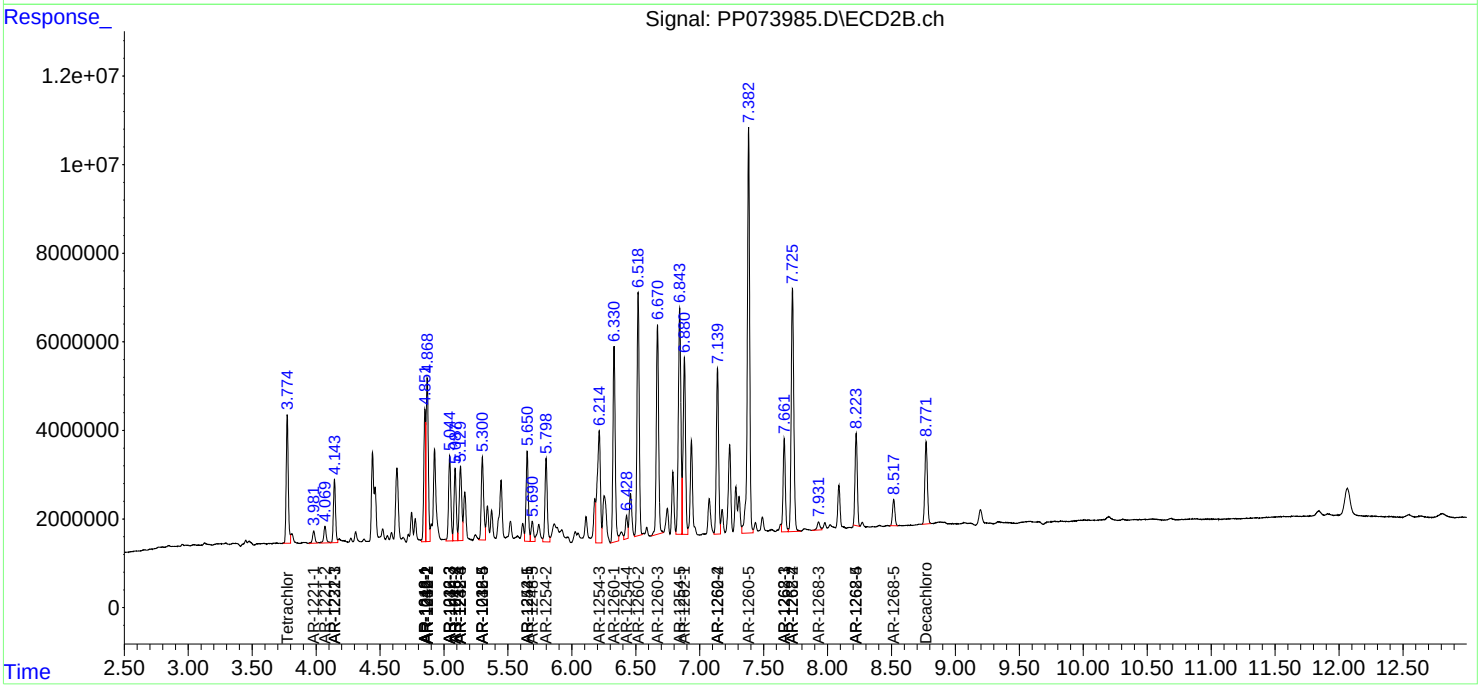
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072125\
Data File : PP073985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 13:56
Operator : YP\AJ
Sample : Q2635-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

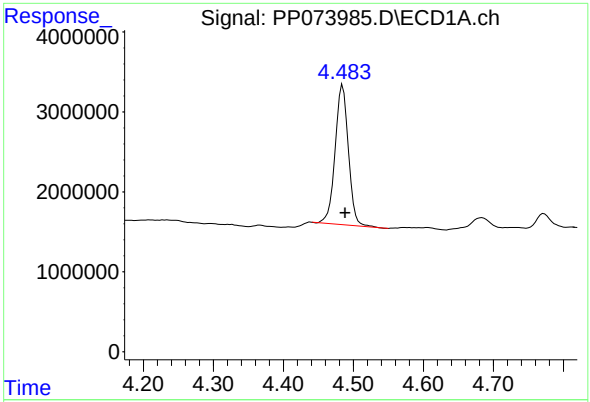
Instrument :
ECD_P
ClientSampleId :
RT2286MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:51:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



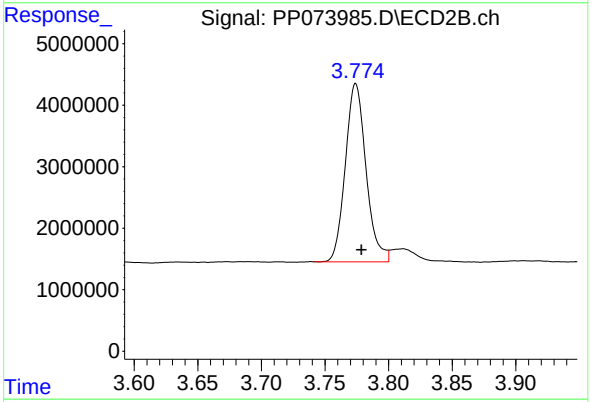




#1 Tetrachloro-m-xylene

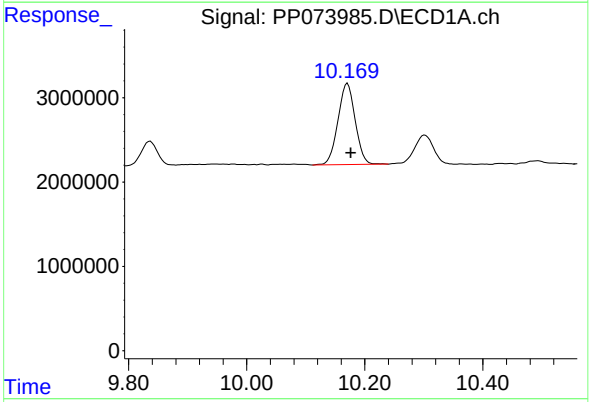
R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 23007780
Conc: 16.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



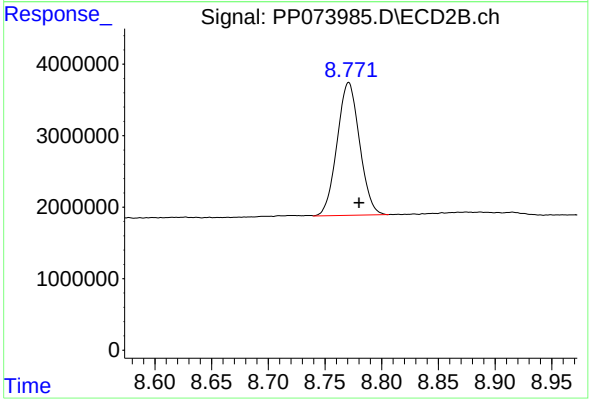
#1 Tetrachloro-m-xylene

R.T.: 3.774 min
Delta R.T.: -0.004 min
Response: 32891692
Conc: 17.85 ng/ml



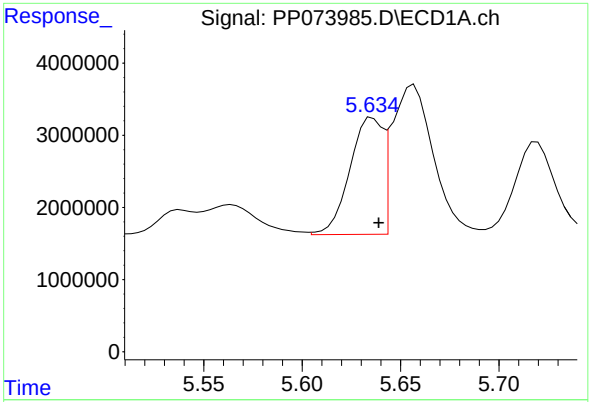
#2 Decachlorobiphenyl

R.T.: 10.171 min
Delta R.T.: -0.005 min
Response: 19437749
Conc: 17.82 ng/ml



#2 Decachlorobiphenyl

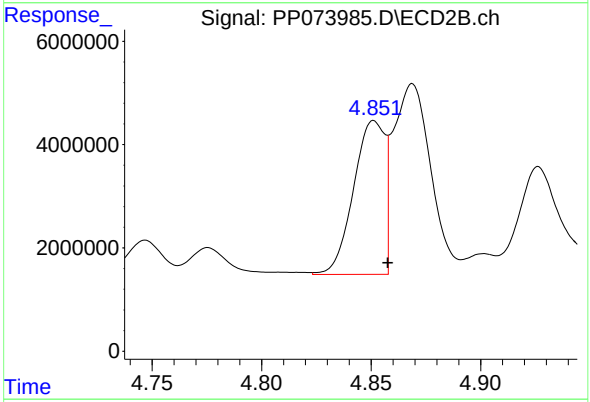
R.T.: 8.771 min
Delta R.T.: -0.009 min
Response: 25634073
Conc: 19.37 ng/ml



#3 AR-1016-1

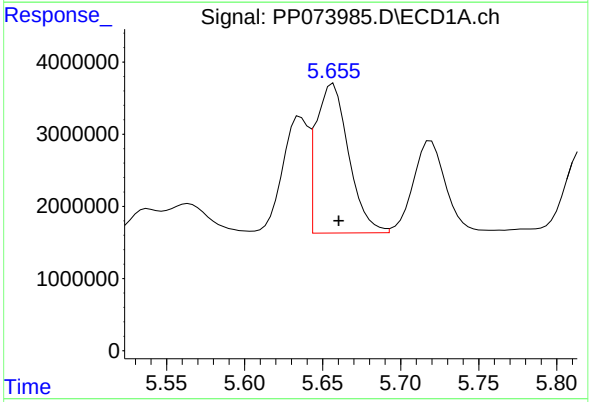
R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 18736879
Conc: 394.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



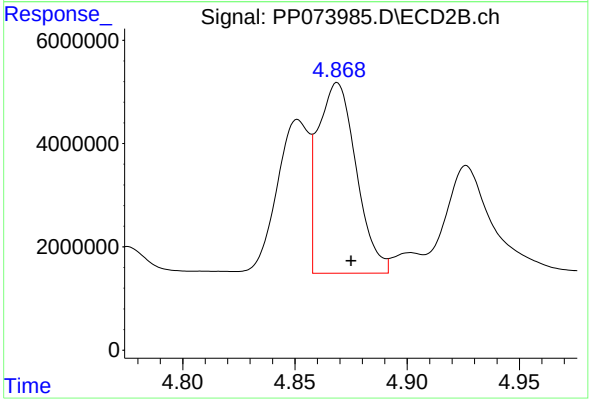
#3 AR-1016-1

R.T.: 4.851 min
Delta R.T.: -0.006 min
Response: 29541322
Conc: 433.32 ng/ml



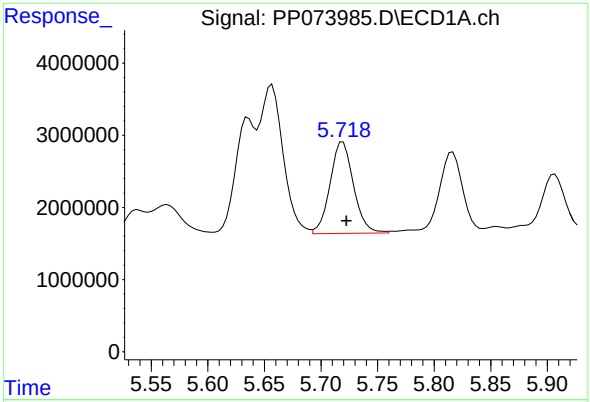
#4 AR-1016-2

R.T.: 5.657 min
Delta R.T.: -0.004 min
Response: 30133135
Conc: 423.13 ng/ml



#4 AR-1016-2

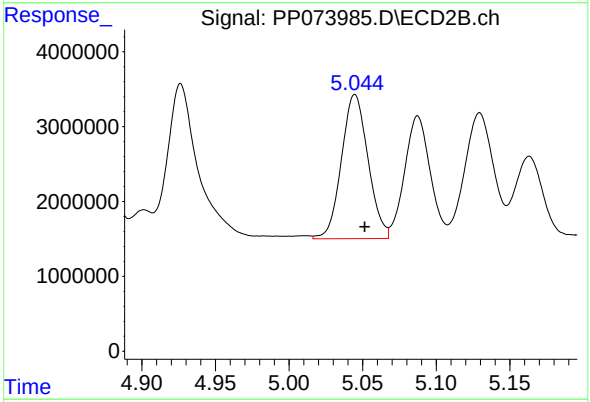
R.T.: 4.869 min
Delta R.T.: -0.006 min
Response: 43844893
Conc: 430.34 ng/ml



#5 AR-1016-3

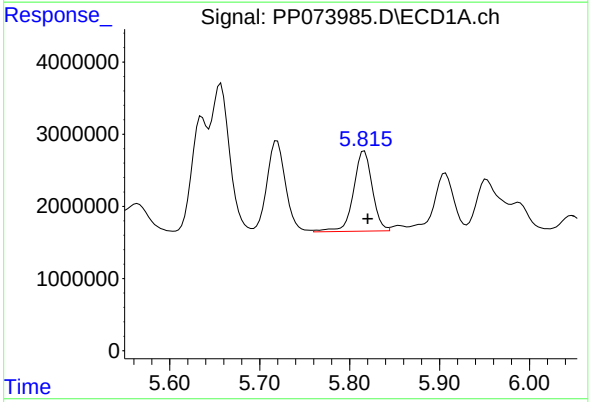
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: 18269038
Conc: 418.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



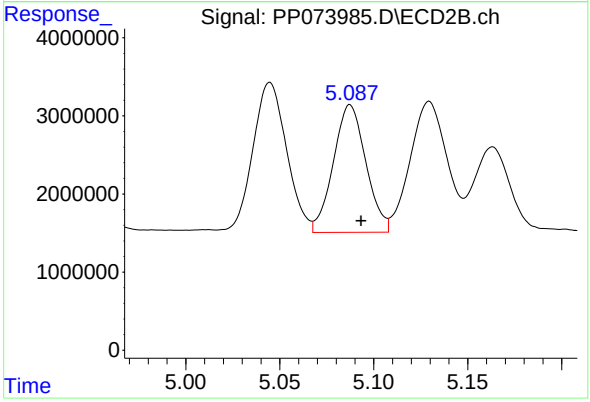
#5 AR-1016-3

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 24208384
Conc: 447.42 ng/ml



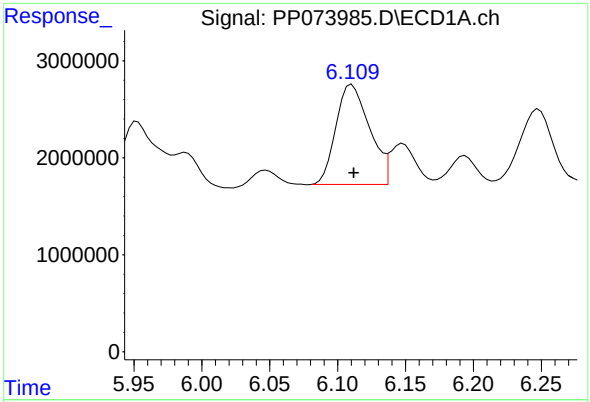
#6 AR-1016-4

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 16118675
Conc: 448.42 ng/ml



#6 AR-1016-4

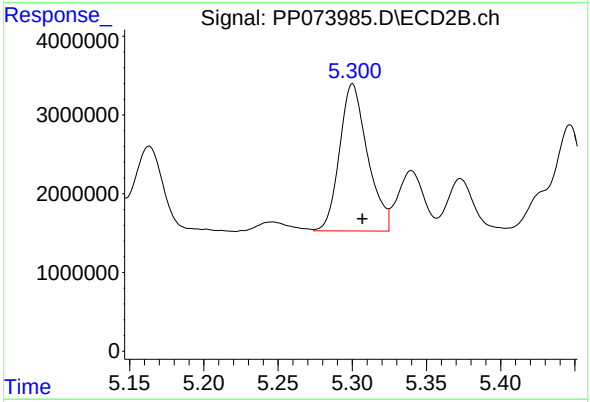
R.T.: 5.087 min
Delta R.T.: -0.006 min
Response: 19716668
Conc: 449.32 ng/ml



#7 AR-1016-5

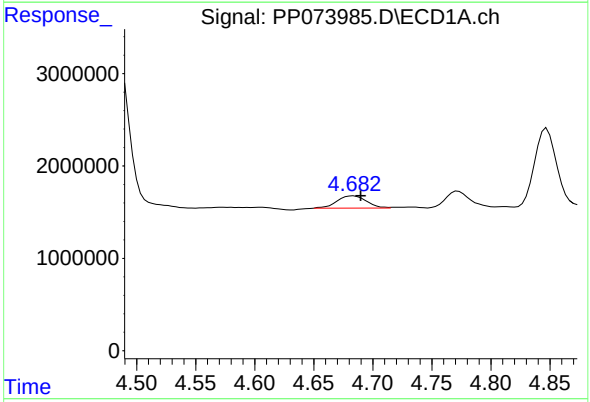
R.T.: 6.110 min
Delta R.T.: -0.001 min
Response: 17783528
Conc: 567.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



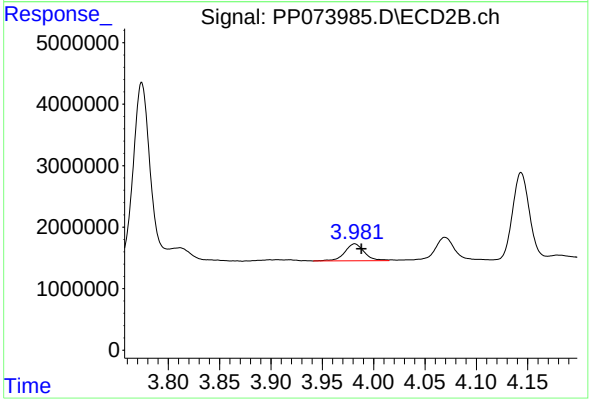
#7 AR-1016-5

R.T.: 5.300 min
Delta R.T.: -0.007 min
Response: 24543584
Conc: 449.66 ng/ml



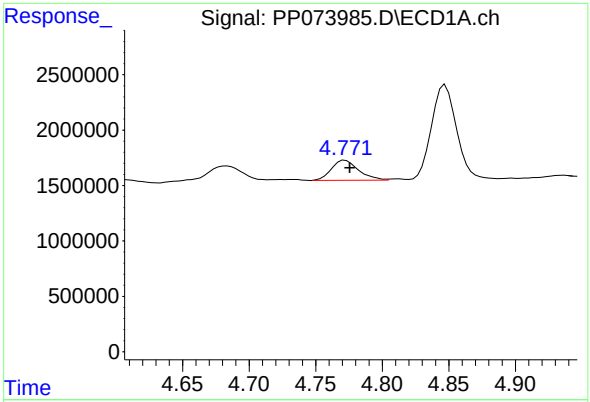
#8 AR-1221-1

R.T.: 4.684 min
Delta R.T.: -0.006 min
Response: 2316741
Conc: 129.67 ng/ml



#8 AR-1221-1

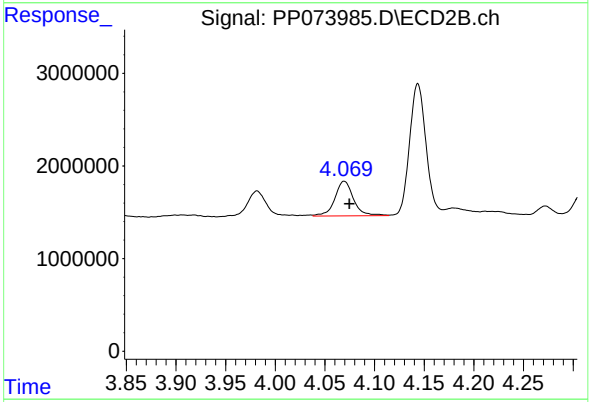
R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 3672400
Conc: 135.79 ng/ml



#9 AR-1221-2

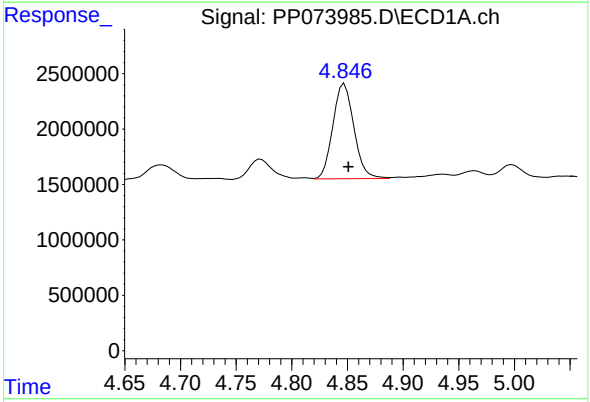
R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 2571348
Conc: 190.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



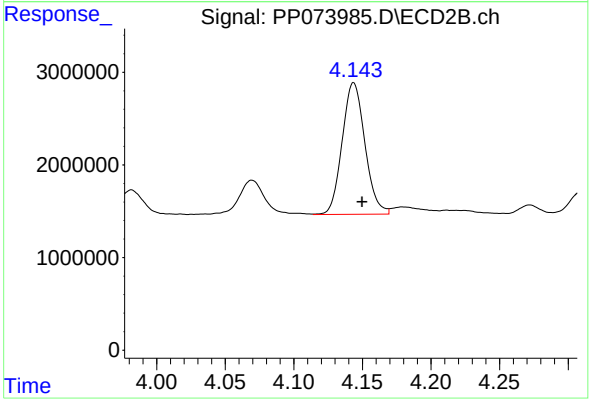
#9 AR-1221-2

R.T.: 4.069 min
Delta R.T.: -0.005 min
Response: 4922940
Conc: 241.79 ng/ml



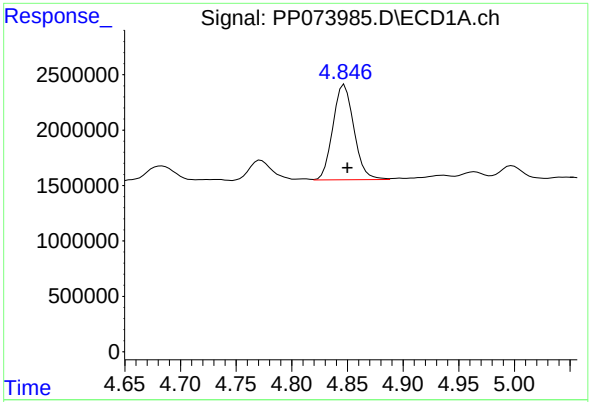
#10 AR-1221-3

R.T.: 4.847 min
Delta R.T.: -0.004 min
Response: 11286630
Conc: 271.28 ng/ml



#10 AR-1221-3

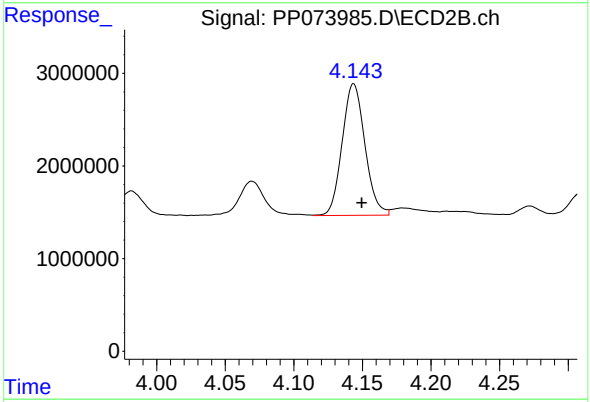
R.T.: 4.144 min
Delta R.T.: -0.006 min
Response: 16409637
Conc: 267.05 ng/ml



#11 AR-1232-1

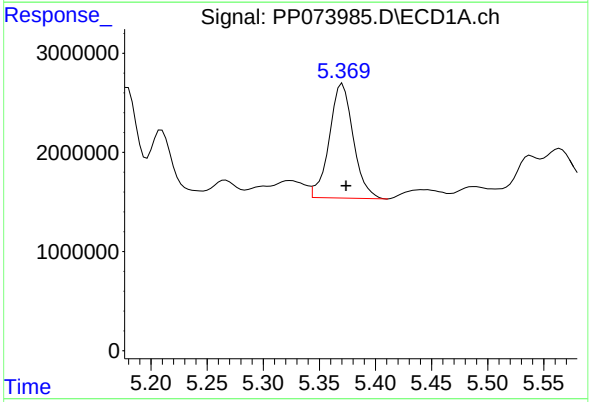
R.T.: 4.847 min
Delta R.T.: -0.003 min
Response: 11286630
Conc: 345.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



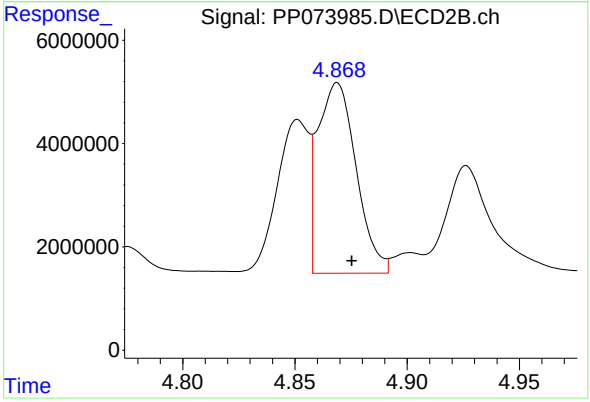
#11 AR-1232-1

R.T.: 4.144 min
Delta R.T.: -0.006 min
Response: 16409637
Conc: 352.03 ng/ml



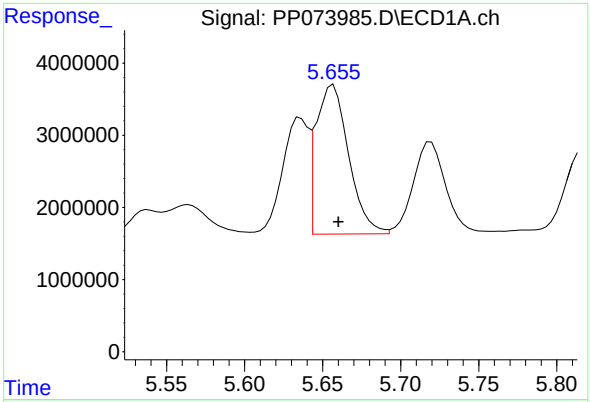
#12 AR-1232-2

R.T.: 5.371 min
Delta R.T.: -0.003 min
Response: 17167747
Conc: 1056.17 ng/ml



#12 AR-1232-2

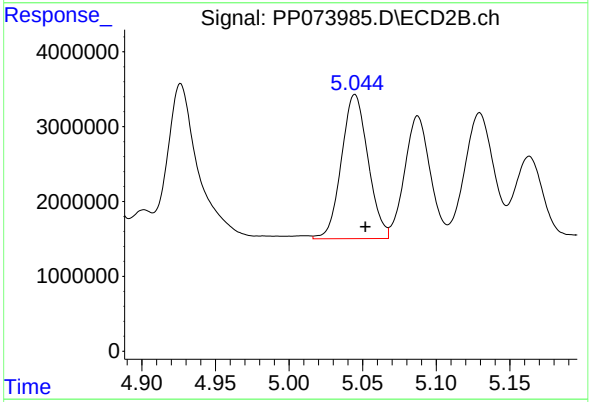
R.T.: 4.869 min
Delta R.T.: -0.007 min
Response: 43844893
Conc: 919.96 ng/ml



#13 AR-1232-3

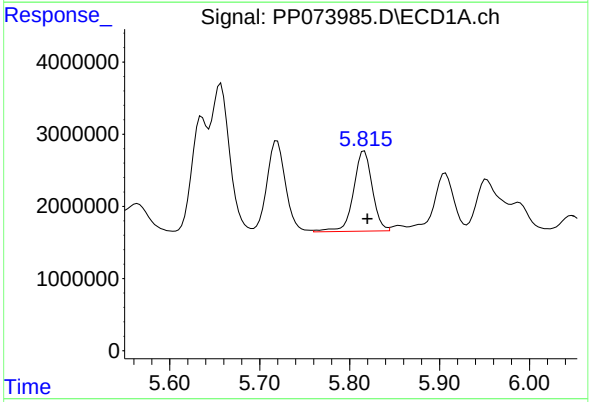
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 30133135
Conc: 913.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



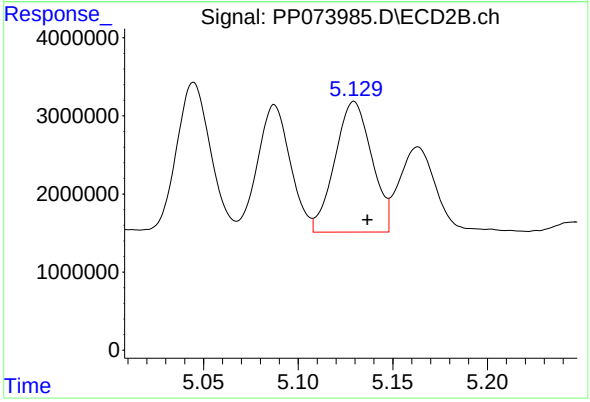
#13 AR-1232-3

R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 24208384
Conc: 967.21 ng/ml



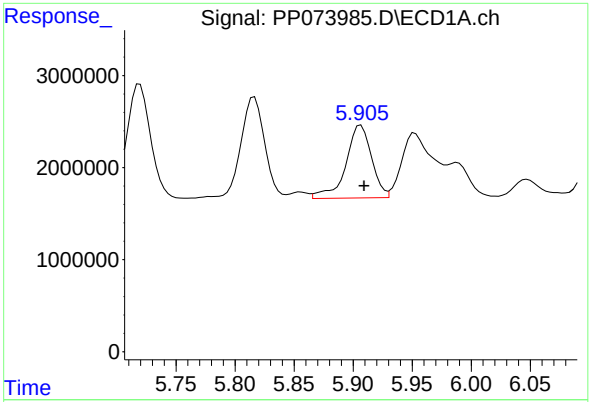
#14 AR-1232-4

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 16118675
Conc: 980.15 ng/ml



#14 AR-1232-4

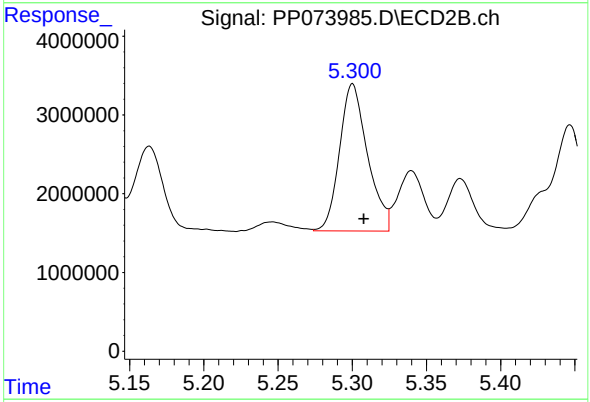
R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 22709464
Conc: 1048.63 ng/ml



#15 AR-1232-5

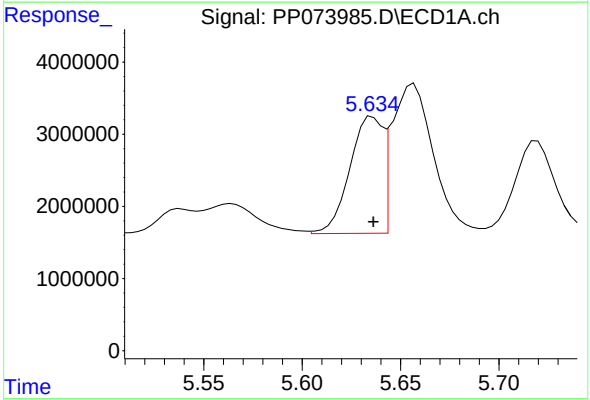
R.T.: 5.907 min
Delta R.T.: -0.003 min
Response: 11991357
Conc: 1134.43 ng/m

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



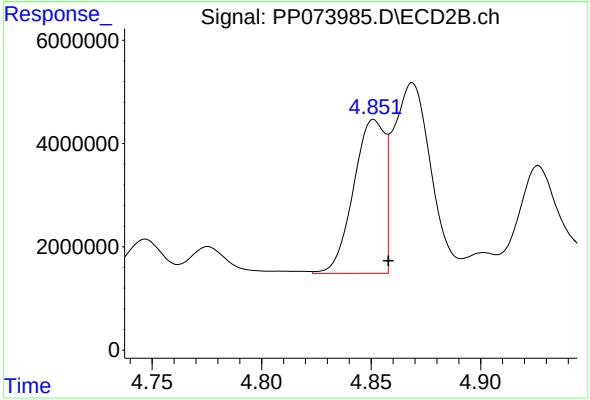
#15 AR-1232-5

R.T.: 5.300 min
Delta R.T.: -0.008 min
Response: 24543584
Conc: 1087.76 ng/ml



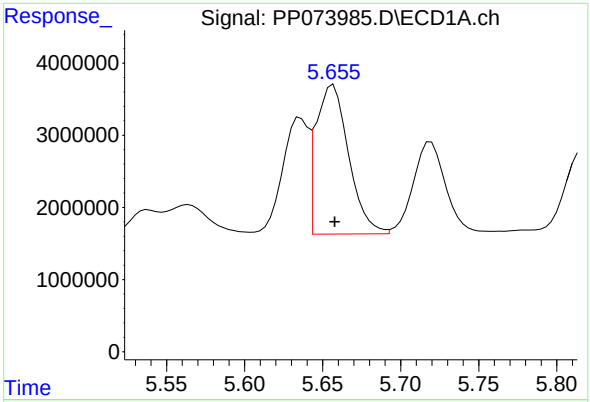
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 18736879
Conc: 490.65 ng/ml



#16 AR-1242-1

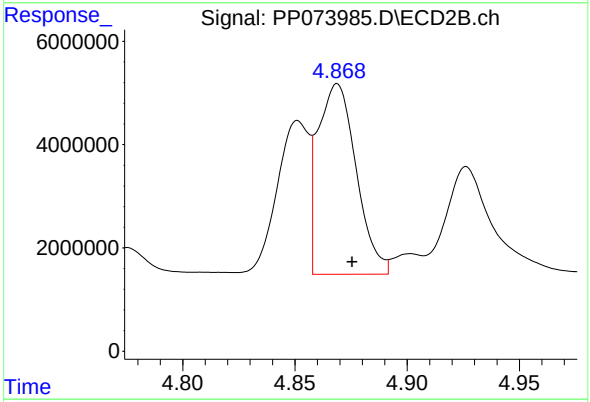
R.T.: 4.851 min
Delta R.T.: -0.007 min
Response: 29541322
Conc: 511.41 ng/ml



#17 AR-1242-2

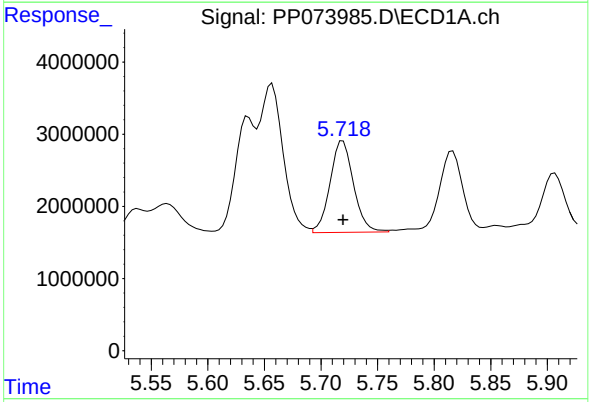
R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 30133135
Conc: 503.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



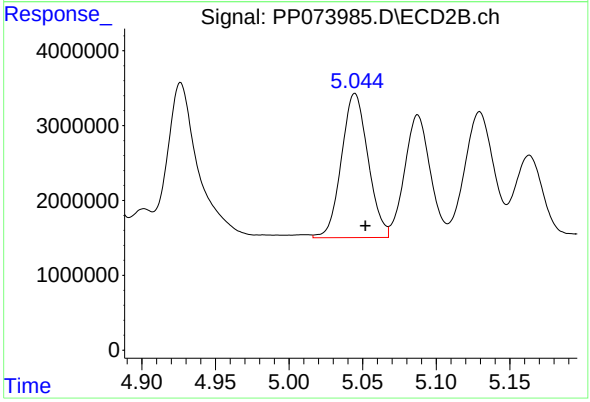
#17 AR-1242-2

R.T.: 4.869 min
Delta R.T.: -0.007 min
Response: 43844893
Conc: 507.15 ng/ml



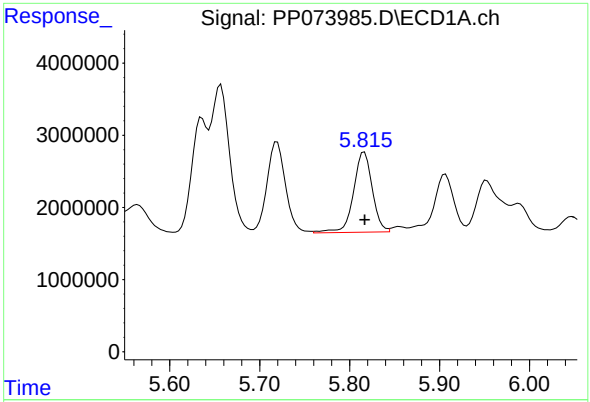
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 18269038
Conc: 498.87 ng/ml



#18 AR-1242-3

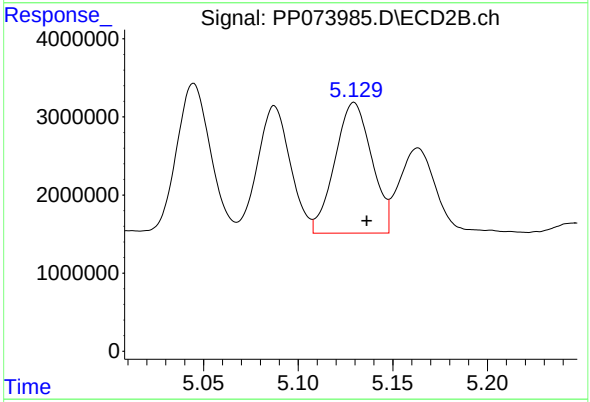
R.T.: 5.045 min
Delta R.T.: -0.007 min
Response: 24208384
Conc: 526.88 ng/ml



#19 AR-1242-4

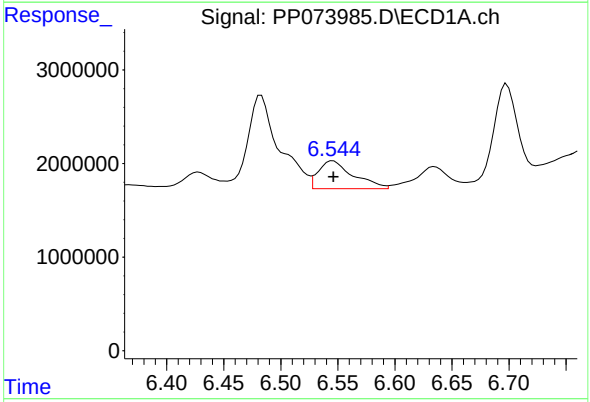
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 16118675
Conc: 501.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



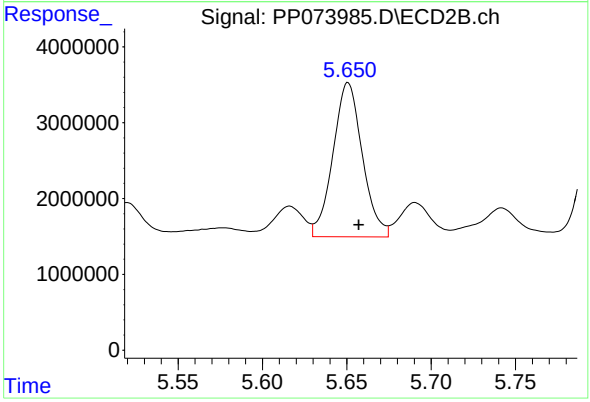
#19 AR-1242-4

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 22709464
Conc: 513.05 ng/ml



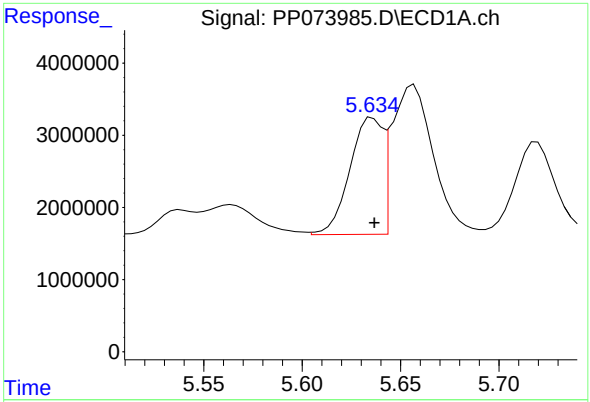
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 6319352
Conc: 193.03 ng/ml



#20 AR-1242-5

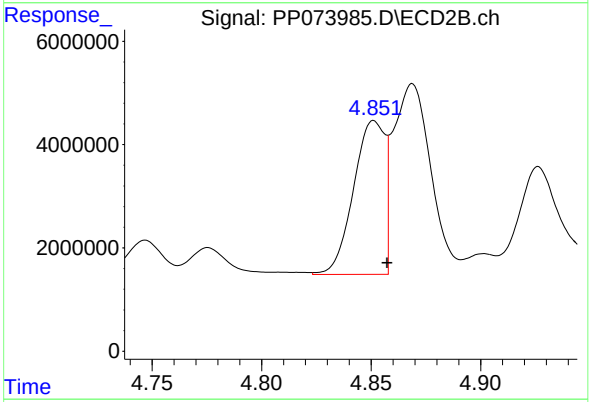
R.T.: 5.651 min
Delta R.T.: -0.006 min
Response: 24658094
Conc: 446.36 ng/ml



#21 AR-1248-1

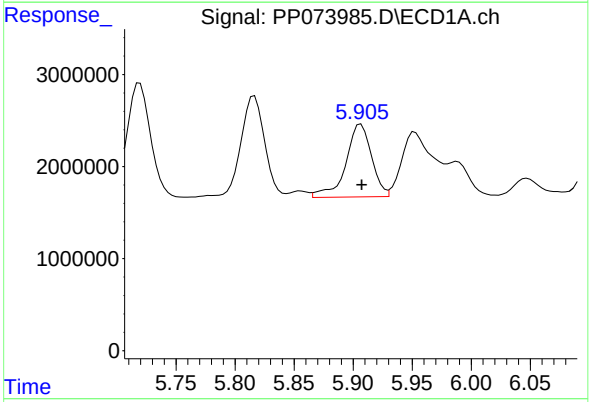
R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 18736879
Conc: 606.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



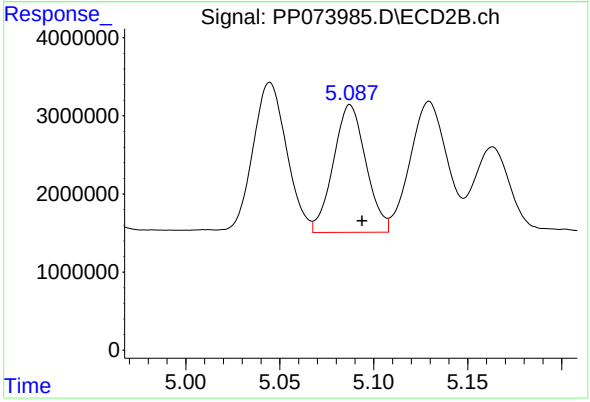
#21 AR-1248-1

R.T.: 4.851 min
Delta R.T.: -0.006 min
Response: 29541322
Conc: 658.01 ng/ml



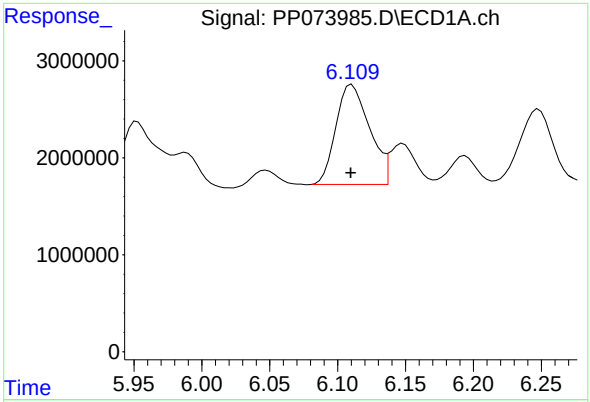
#22 AR-1248-2

R.T.: 5.907 min
Delta R.T.: 0.000 min
Response: 11991357
Conc: 300.36 ng/ml



#22 AR-1248-2

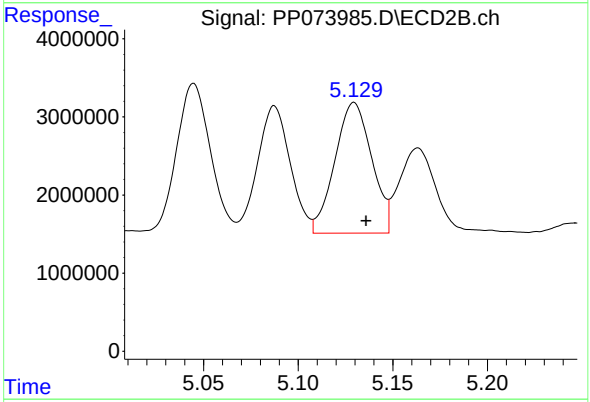
R.T.: 5.087 min
Delta R.T.: -0.006 min
Response: 19716668
Conc: 320.41 ng/ml



#23 AR-1248-3

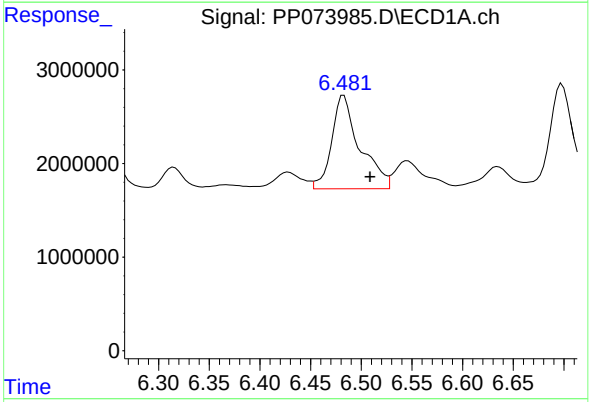
R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 17783528
Conc: 400.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



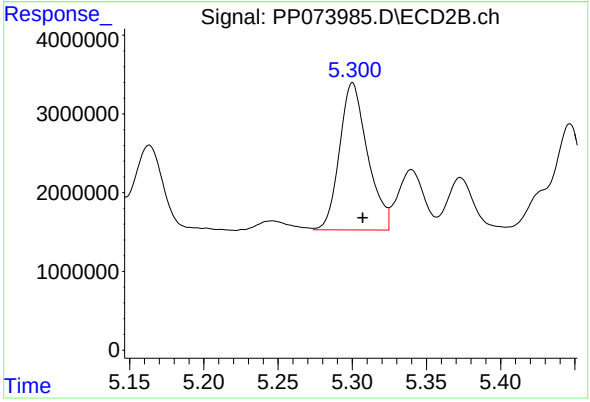
#23 AR-1248-3

R.T.: 5.129 min
Delta R.T.: -0.006 min
Response: 22709464
Conc: 354.48 ng/ml



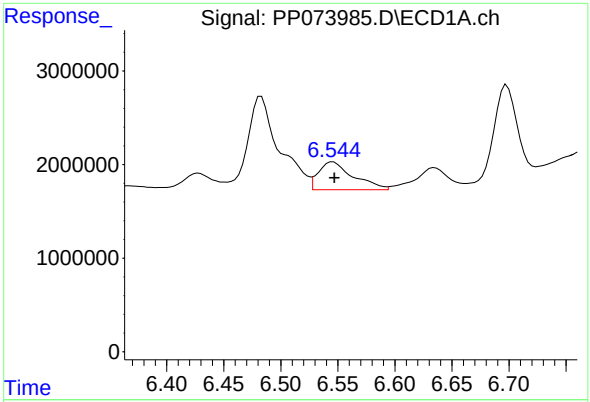
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.026 min
Response: 19277292
Conc: 349.98 ng/ml



#24 AR-1248-4

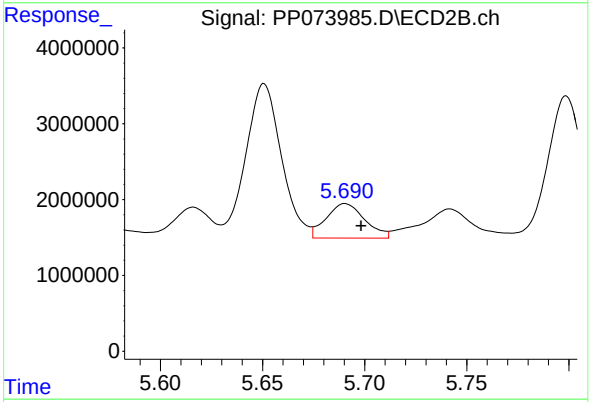
R.T.: 5.300 min
Delta R.T.: -0.007 min
Response: 24543584
Conc: 325.61 ng/ml



#25 AR-1248-5

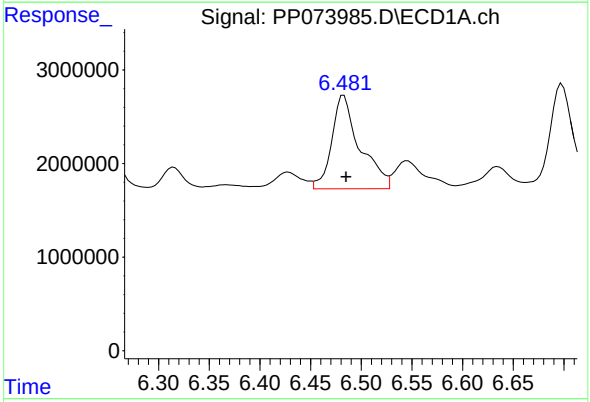
R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 6319352
Conc: 117.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



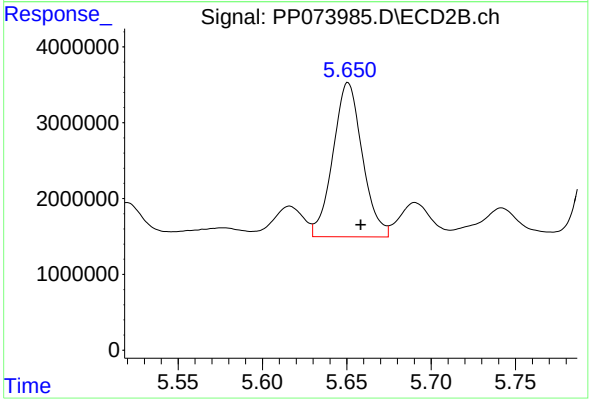
#25 AR-1248-5

R.T.: 5.690 min
Delta R.T.: -0.008 min
Response: 5986328
Conc: 80.26 ng/ml



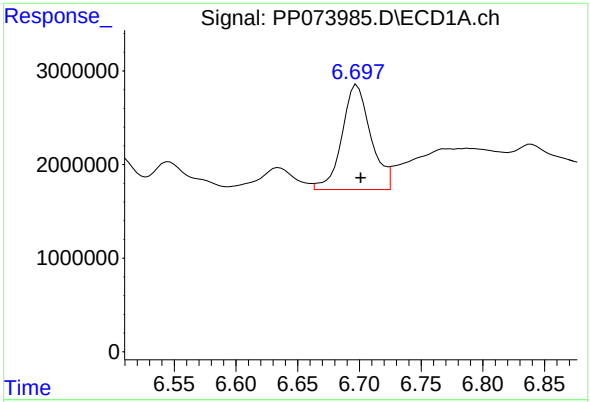
#26 AR-1254-1

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 19277292
Conc: 359.72 ng/ml



#26 AR-1254-1

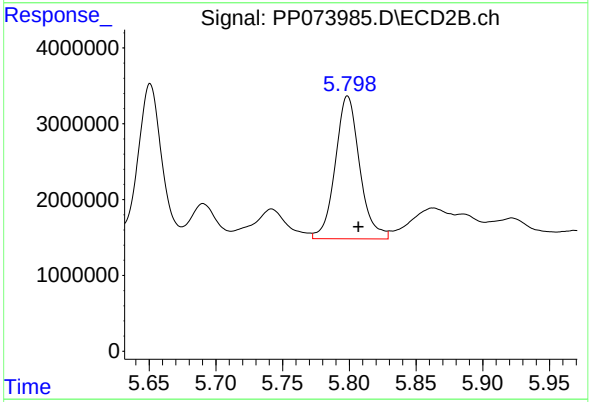
R.T.: 5.651 min
Delta R.T.: -0.007 min
Response: 24658094
Conc: 212.51 ng/ml



#27 AR-1254-2

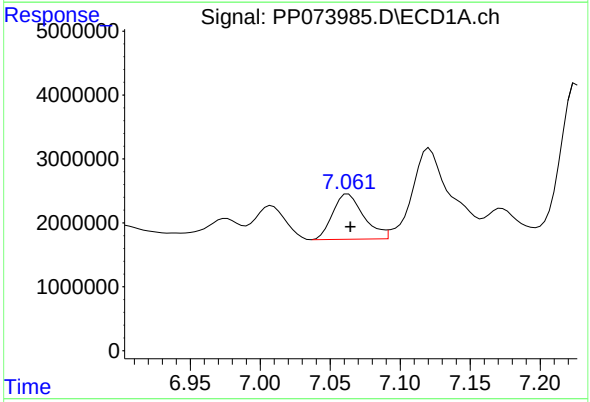
R.T.: 6.698 min
Delta R.T.: -0.003 min
Response: 18157197
Conc: 218.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



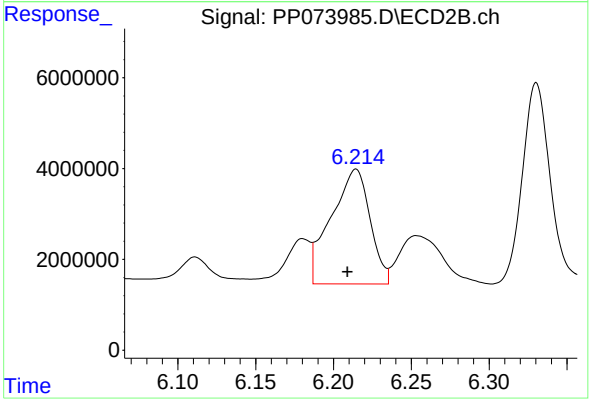
#27 AR-1254-2

R.T.: 5.799 min
Delta R.T.: -0.008 min
Response: 23975260
Conc: 238.27 ng/ml



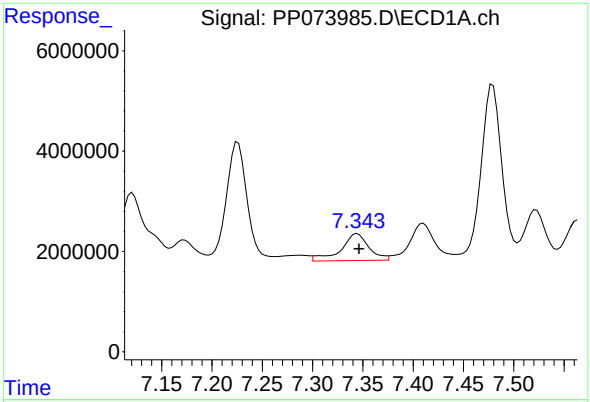
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 10928576
Conc: 123.72 ng/ml



#28 AR-1254-3

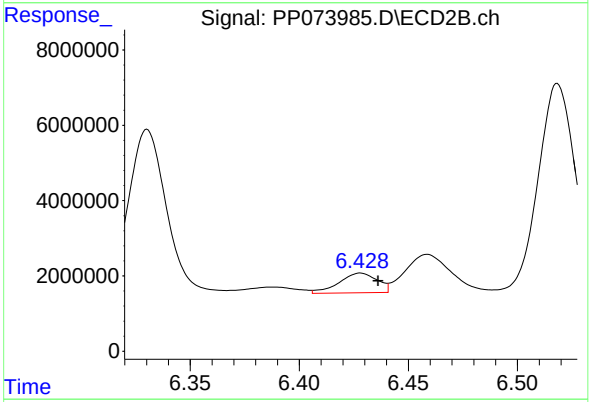
R.T.: 6.214 min
Delta R.T.: 0.006 min
Response: 44083931
Conc: 285.43 ng/ml



#29 AR-1254-4

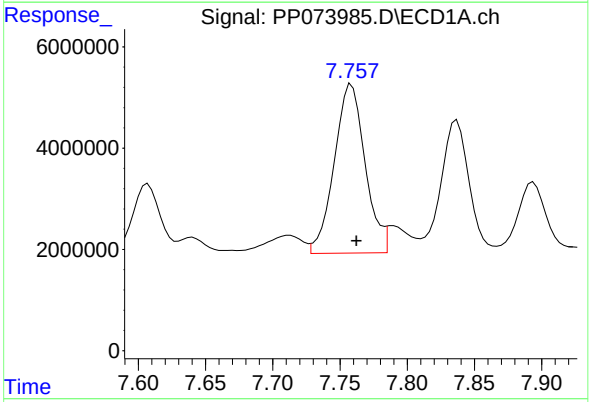
R.T.: 7.344 min
Delta R.T.: -0.002 min
Response: 10348921
Conc: 131.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



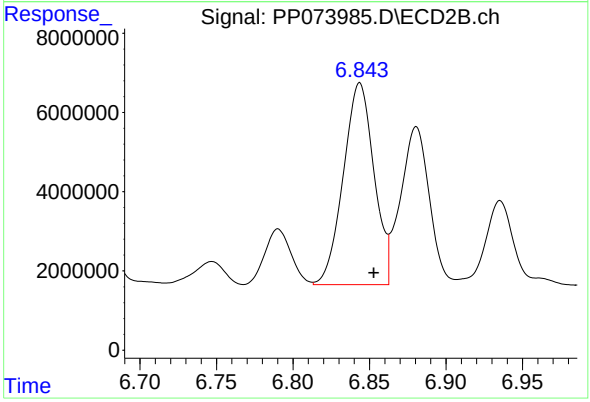
#29 AR-1254-4

R.T.: 6.428 min
Delta R.T.: -0.008 min
Response: 6367228
Conc: 67.34 ng/ml



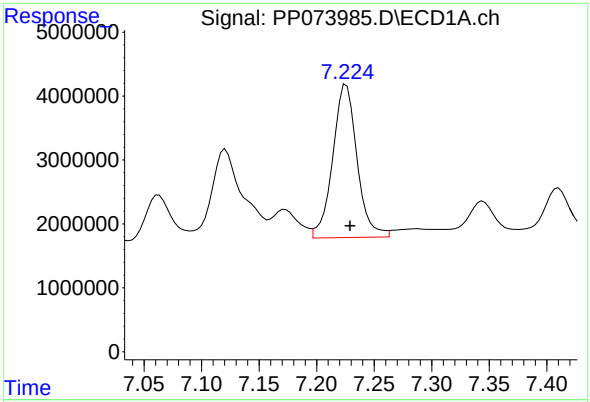
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: -0.004 min
Response: 53191433
Conc: 721.93 ng/ml



#30 AR-1254-5

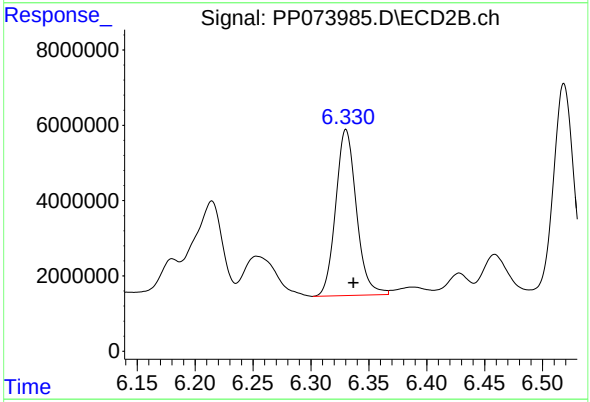
R.T.: 6.844 min
Delta R.T.: -0.009 min
Response: 71090554
Conc: 532.73 ng/ml



#31 AR-1260-1

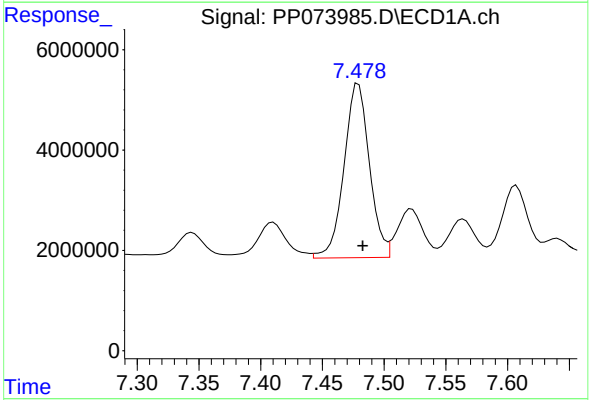
R.T.: 7.226 min
Delta R.T.: -0.003 min
Response: 35309050
Conc: 598.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



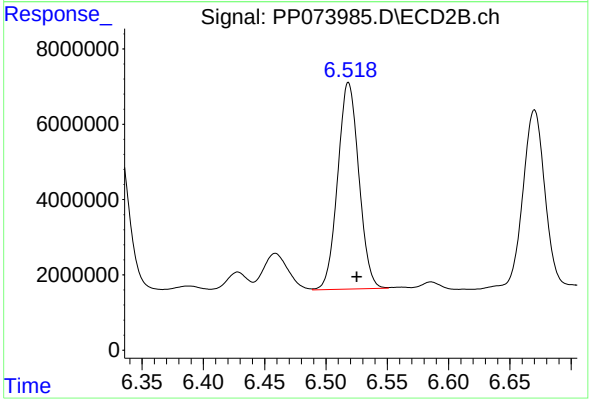
#31 AR-1260-1

R.T.: 6.330 min
Delta R.T.: -0.006 min
Response: 54851085
Conc: 562.23 ng/ml



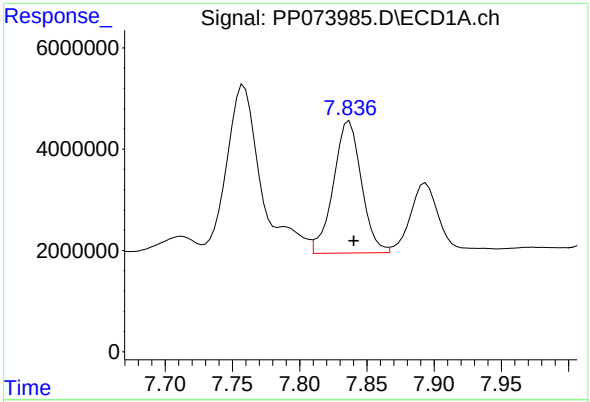
#32 AR-1260-2

R.T.: 7.479 min
Delta R.T.: -0.004 min
Response: 49841976
Conc: 520.05 ng/ml



#32 AR-1260-2

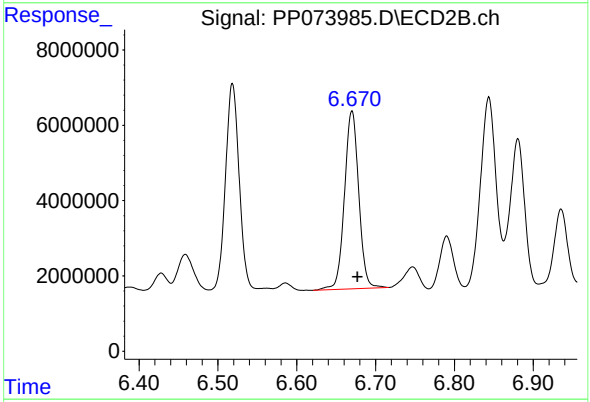
R.T.: 6.518 min
Delta R.T.: -0.007 min
Response: 65815583
Conc: 535.79 ng/ml



#33 AR-1260-3

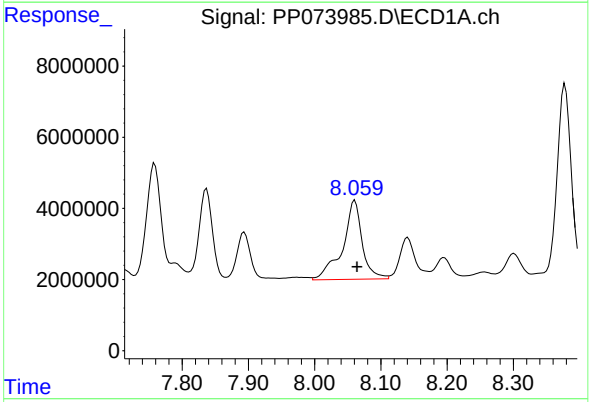
R.T.: 7.837 min
Delta R.T.: -0.003 min
Response: 37810191
Conc: 517.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



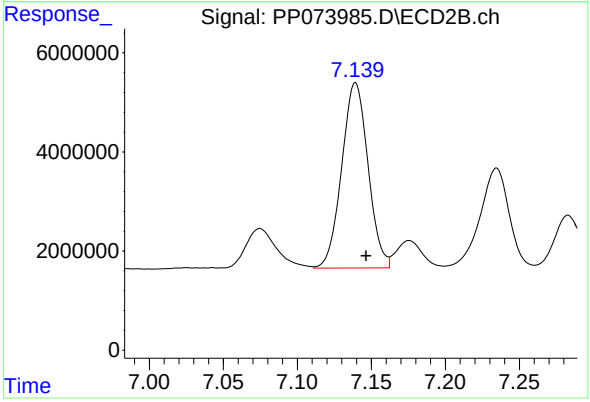
#33 AR-1260-3

R.T.: 6.670 min
Delta R.T.: -0.007 min
Response: 59476912
Conc: 543.35 ng/ml



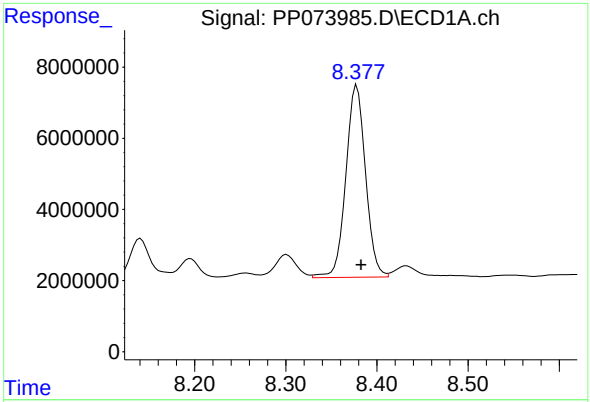
#34 AR-1260-4

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 45575779
Conc: 697.95 ng/ml



#34 AR-1260-4

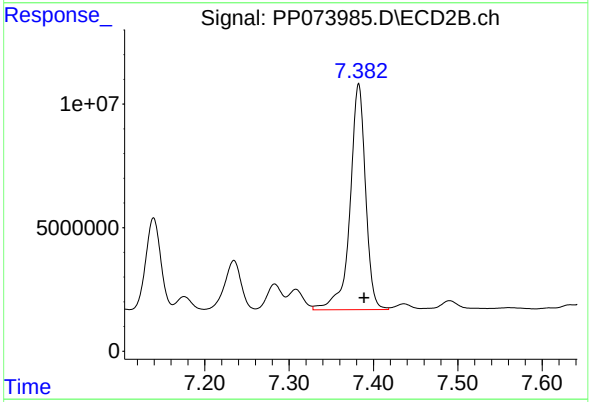
R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 46277558
Conc: 517.60 ng/ml



#35 AR-1260-5

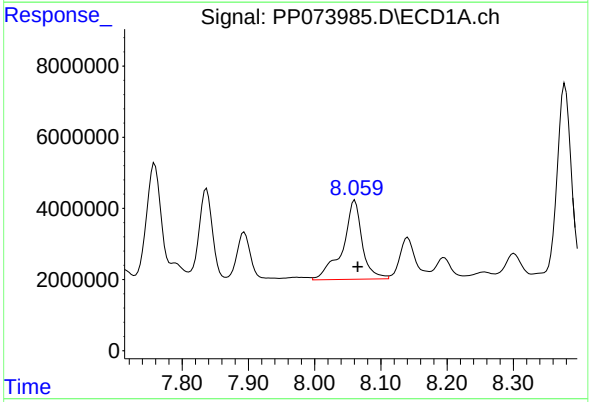
R.T.: 8.378 min
Delta R.T.: -0.005 min
Response: 80997949
Conc: 536.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



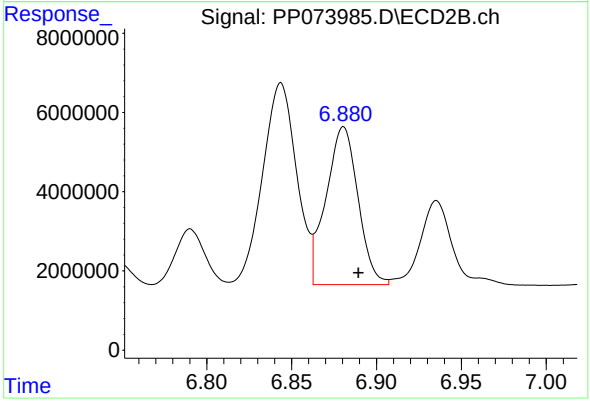
#35 AR-1260-5

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 116992994
Conc: 520.58 ng/ml



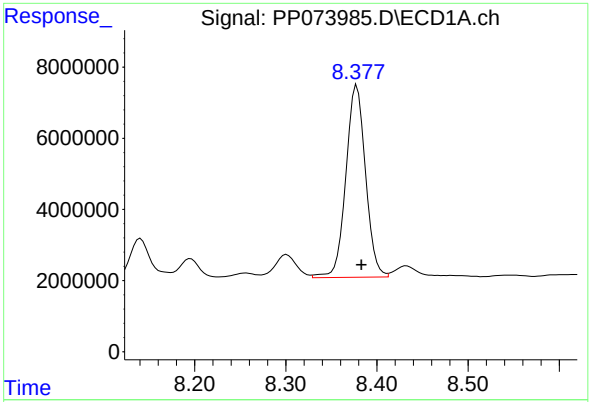
#36 AR-1262-1

R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 45575779
Conc: 523.70 ng/ml



#36 AR-1262-1

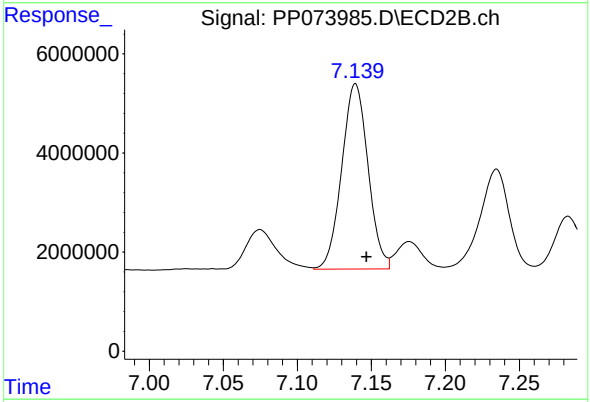
R.T.: 6.881 min
Delta R.T.: -0.009 min
Response: 52214863
Conc: 353.54 ng/ml



#37 AR-1262-2

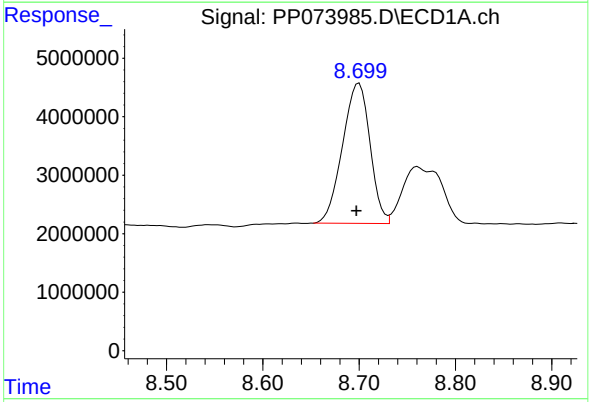
R.T.: 8.378 min
Delta R.T.: -0.005 min
Response: 80997949
Conc: 409.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



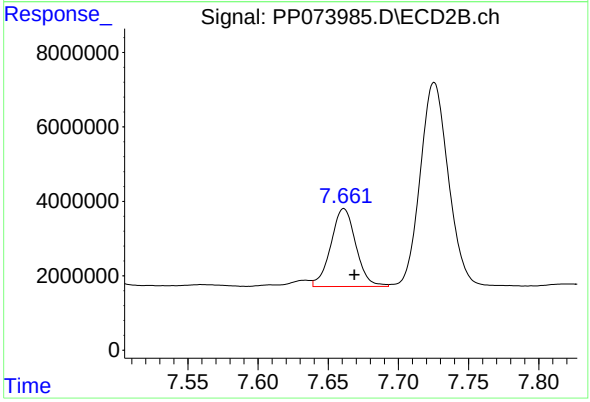
#37 AR-1262-2

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 46277558
Conc: 362.03 ng/ml



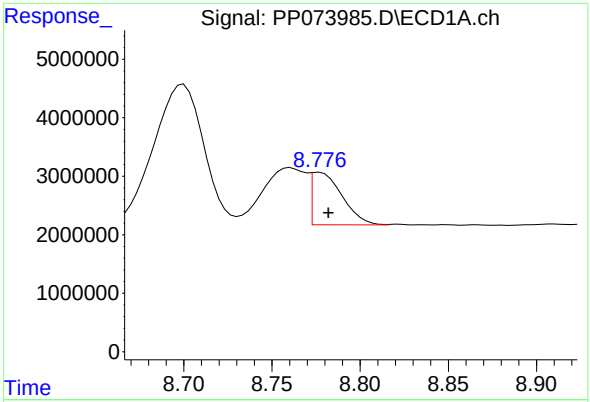
#38 AR-1262-3

R.T.: 8.700 min
Delta R.T.: 0.003 min
Response: 47490444
Conc: 377.73 ng/ml



#38 AR-1262-3

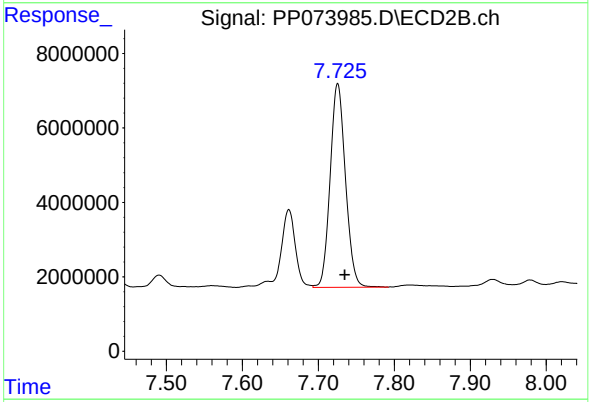
R.T.: 7.661 min
Delta R.T.: -0.008 min
Response: 26041835
Conc: 228.40 ng/ml



#39 AR-1262-4

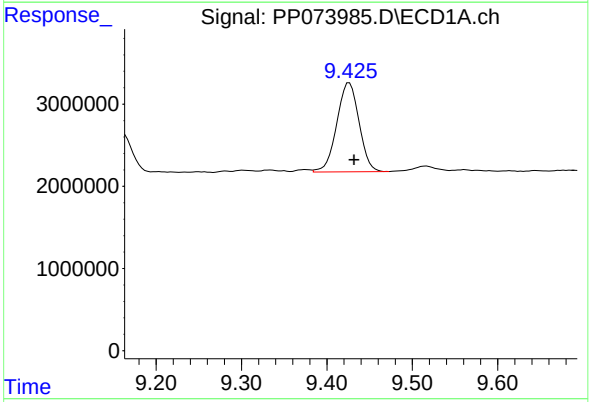
R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 10905481
Conc: 116.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



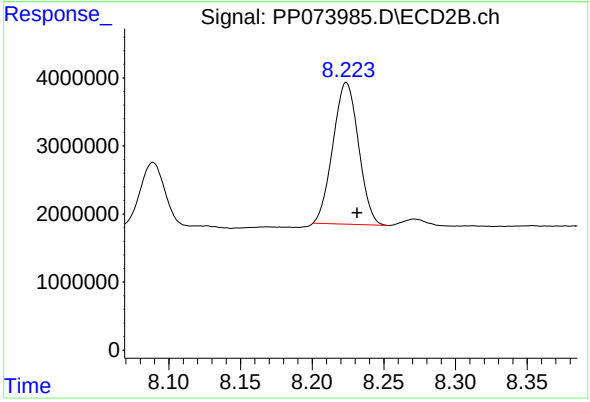
#39 AR-1262-4

R.T.: 7.726 min
Delta R.T.: -0.009 min
Response: 76651297
Conc: 416.47 ng/ml



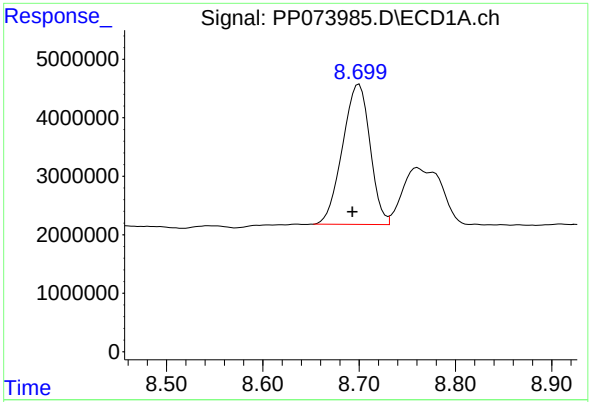
#40 AR-1262-5

R.T.: 9.426 min
Delta R.T.: -0.005 min
Response: 19633340
Conc: 309.73 ng/ml



#40 AR-1262-5

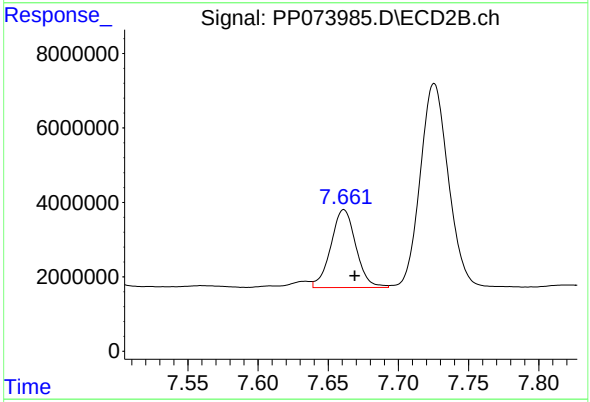
R.T.: 8.224 min
Delta R.T.: -0.008 min
Response: 25848025
Conc: 306.13 ng/ml



#41 AR-1268-1

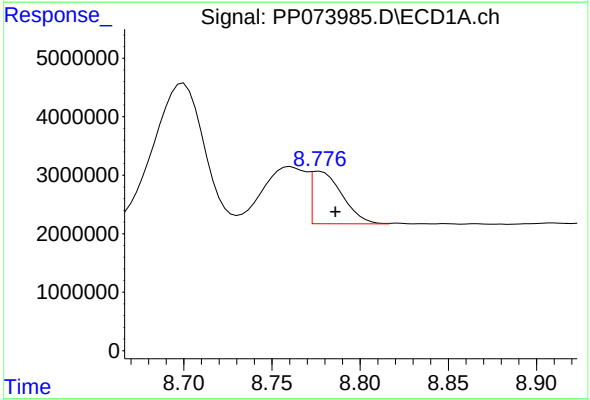
R.T.: 8.700 min
Delta R.T.: 0.007 min
Response: 47490444
Conc: 212.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



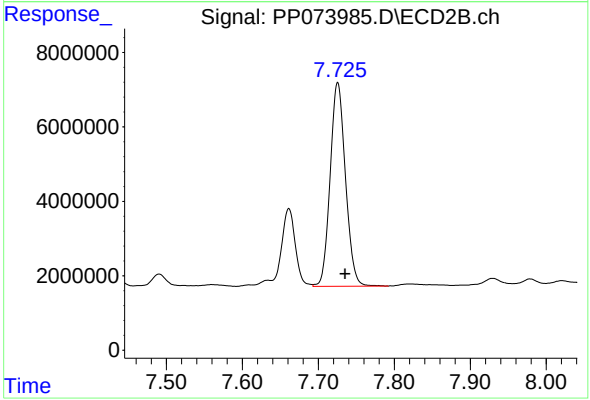
#41 AR-1268-1

R.T.: 7.661 min
Delta R.T.: -0.008 min
Response: 26041835
Conc: 84.72 ng/ml



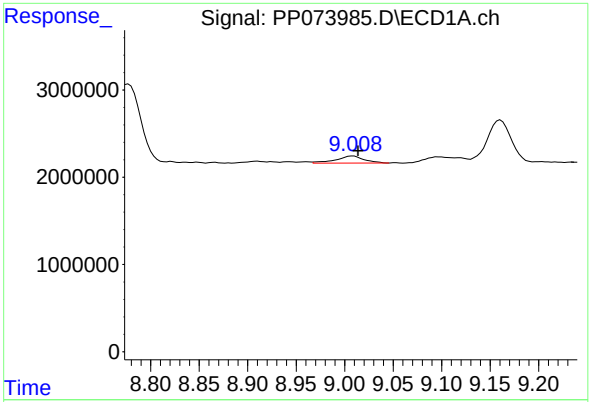
#42 AR-1268-2

R.T.: 8.777 min
Delta R.T.: -0.009 min
Response: 10905481
Conc: 57.25 ng/ml



#42 AR-1268-2

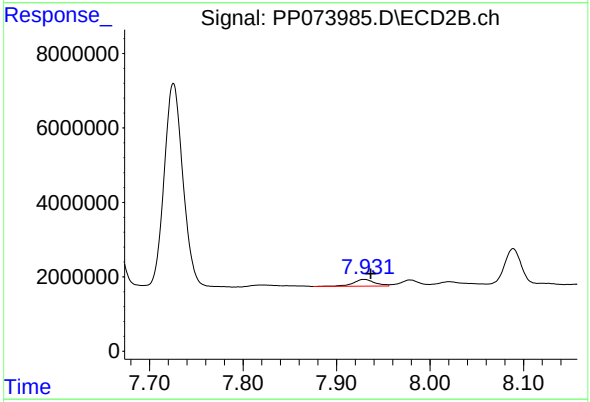
R.T.: 7.726 min
Delta R.T.: -0.010 min
Response: 76651297
Conc: 288.50 ng/ml



#43 AR-1268-3

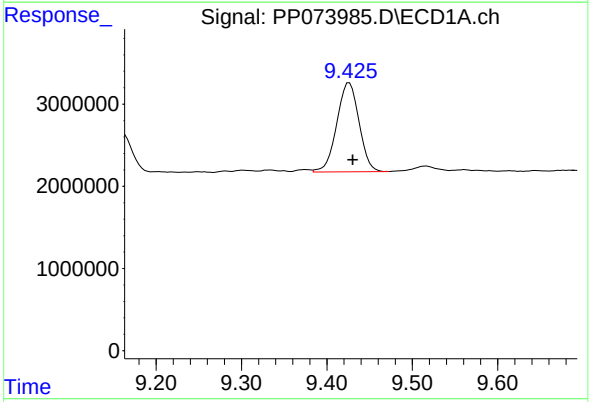
R.T.: 9.009 min
Delta R.T.: -0.005 min
Response: 1635702
Conc: 9.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



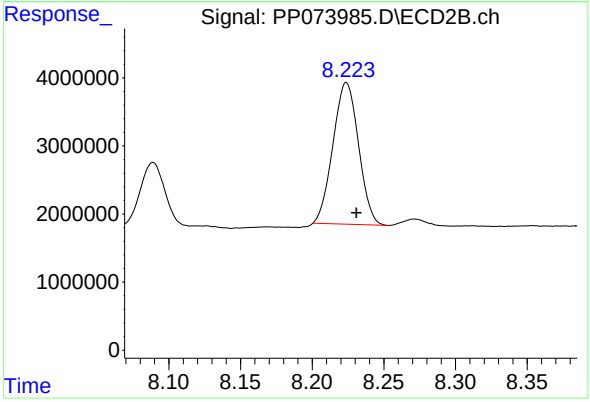
#43 AR-1268-3

R.T.: 7.930 min
Delta R.T.: -0.007 min
Response: 2877785
Conc: 12.76 ng/ml



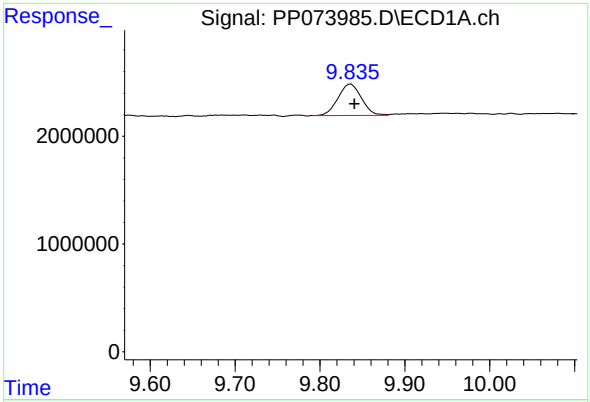
#44 AR-1268-4

R.T.: 9.426 min
Delta R.T.: -0.004 min
Response: 19633340
Conc: 282.32 ng/ml



#44 AR-1268-4

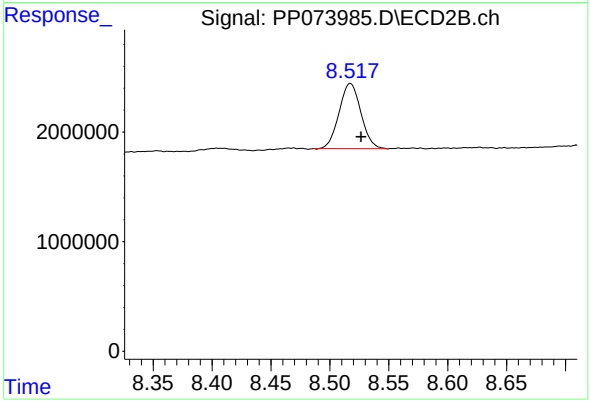
R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 25848025
Conc: 278.03 ng/ml



#45 AR-1268-5

R.T.: 9.836 min
Delta R.T.: -0.004 min
Response: 5572340
Conc: 12.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
RT2286MSD



#45 AR-1268-5

R.T.: 8.517 min
Delta R.T.: -0.009 min
Response: 7686741
Conc: 12.47 ng/ml