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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q1382

ATTENTION : Adam Roy

Laboratory Certification ID # 20012

Table Of Contents for Q1382

1) PCB Data 2

2) Signature Page 4

3) Case Narrative 5

4) Qualifier Page 7

5) Conformance/Non Conformance 8

6) QA Checklist 11

7) Chronicle 12

8) Hit Summary 14

9) QC Data Summary For PCB 15

- 9.1) Deuterated Monitoring Compound Summary 16
- 9.2) MS/MSD Summary 19
- 9.3) LCS/LCSD Summary 21
- 9.4) Method Blank Summary 22

10) Sample Data 23

- 10.1) OU4-PCS-TC-01-021725 24
- 10.2) OU4-PCS-TC-02-021725 31
- 10.3) OU4-PCS-TC-02-021725RE 35
- 10.4) OU4-PCS-TC-03-021725 39
- 10.5) OU4-PCS-TC-03-021725RE 46
- 10.6) OU4-PCS-TC-04-021725 53
- 10.7) OU4-PCS-TC-04-021725RE 57
- 10.8) OU4-PCS-TC-05-021725 61
- 10.9) OU4-PCS-TC-06-021725 65
- 10.10) OU4-PCS-TC-06-021725RE 72
- 10.11) OU4-PCS-TC-07-021725 79
- 10.12) OU4-PCS-TC-08-021725 86
- 10.13) OU4-PCS-TC-09-021725 90
- 10.14) OU4-PCS-TC-10-021725 94
- 10.15) OU4-PCS-TC-10-021725RE 98

11) Calibration Data Summary 102

- 11.1) Initial Calibration Data 103
  - 11.1.1) PP012825 103
- 11.2) Continued Calibration Data 322
  - 11.2.1) PP069827.D 322
  - 11.2.2) PP069830.D 334

11.2.3) PP069842.D 344
11.2.4) PP069845.D 356
11.2.5) PP069857.D 366
11.2.6) PP069860.D 378
11.2.7) PP069917.D 388
11.2.8) PP069920.D 400
11.2.9) PP069932.D 410
11.2.10) PP069935.D 422
11.2.11) PP069947.D 432
11.3) Analytical Seq 444
12) Compound Detection Summary 448
13) QC Sample Data 459
13.1) Method Blank Data 460
13.2) PIBLK Data 464
13.3) LCS Data 492
13.4) MS Data 501
13.5) MSD Data 513
14) Manual Integration 525
15) Analytical Runlogs 543
16) Percent Solid 562
17) Extraction Logs 566
17.1) PB166770.pdf 566
17.2) PB166770IC.pdf 568
18) Standard Prep Logs 569
19) Shipping Document 653
19.1) Chain Of Custody 654
19.2) Lab Certificate 655
19.3) Internal COC 656
20) Not Reviewed Data 658

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

Cover Page

Order ID : Q1382

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q1382-01	OU4-PCS-TC-01-021725
Q1382-02	OU4-PCS-TC-01-021725
Q1382-03	OU4-PCS-TC-02-021725
Q1382-04	OU4-PCS-TC-02-021725
Q1382-05	OU4-PCS-TC-03-021725
Q1382-06	OU4-PCS-TC-03-021725
Q1382-07	OU4-PCS-TC-04-021725
Q1382-08	OU4-PCS-TC-04-021725
Q1382-09	OU4-PCS-TC-05-021725
Q1382-10	OU4-PCS-TC-05-021725
Q1382-11	OU4-PCS-TC-06-021725
Q1382-12	OU4-PCS-TC-06-021725
Q1382-13	OU4-PCS-TC-07-021725
Q1382-14	OU4-PCS-TC-07-021725
Q1382-15	OU4-PCS-TC-08-021725
Q1382-16	OU4-PCS-TC-08-021725
Q1382-17	OU4-PCS-TC-09-021725
Q1382-18	OU4-PCS-TC-09-021725
Q1382-19	OU4-PCS-TC-10-021725
Q1382-20	OU4-PCS-TC-10-021725

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

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 9:34 am, Mar 05, 2025

Date: 2/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # Q1382
Test Name: PCB

A. Number of Samples and Date of Receipt:
20 Solid samples were received on 02/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3 and VOCMS Group3. This data package contains results for PCB.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for
OU4-PCS-TC-02-021725 [Tetrachloro-m-xylene(1) - 134%, Tetrachloro-m-xylene(2) - 135%], OU4-PCS-TC-02-021725RE [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 135%],
OU4-PCS-TC-03-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 131%], OU4-PCS-TC-03-021725RE [Tetrachloro-m-xylene(1) - 137%, Tetrachloro-m-xylene(2) - 137%],
OU4-PCS-TC-04-021725 [Tetrachloro-m-xylene(1) - 139%, Tetrachloro-m-xylene(2) - 139%], OU4-PCS-TC-04-021725RE [Tetrachloro-m-xylene(1) - 142%, Tetrachloro-m-xylene(2) - 139%],
OU4-PCS-TC-06-021725 [Tetrachloro-m-xylene(1) - 135%, Tetrachloro-m-xylene(2) - 138%], OU4-PCS-TC-06-021725RE [Tetrachloro-m-xylene(1) - 144%, Tetrachloro-m-xylene(2) - 140%],
OU4-PCS-TC-10-021725 [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 135%], OU4-PCS-TC-10-021725RE [Tetrachloro-m-xylene(1) - 140% and Tetrachloro-m-xylene(2) - 135%] All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data,

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

OU4-PCS-TC-07-021725 [Tetrachloro-m-xylene(1) - 134%], AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The not QT review data is reported in the Miscellaneous.
The soil samples results are based on a dry weight basis.

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

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

Signature 

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

CHEMTECH PROJECT NUMBER: Q1382 MATRIX: Solid

METHOD: 8082A/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .			✓
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 met the acceptable criteria except for OU4-PCS-TC-02-021725 [Tetrachloro-m-xylene(1) - 134%, Tetrachloro-m-xylene(2) - 135%], OU4-PCS-TC-02-021725RE [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 135%], OU4-PCS-TC-03-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 131%], OU4-PCS-TC-03-021725RE [Tetrachloro-m-xylene(1) - 137%, Tetrachloro-m-xylene(2) - 137%], OU4-PCS-TC-04-021725 [Tetrachloro-m-xylene(1) - 139%, Tetrachloro-m-xylene(2) - 139%], OU4-PCS-TC-04-021725RE [Tetrachloro-m-xylene(1) - 142%, Tetrachloro-m-xylene(2) - 139%], OU4-PCS-TC-06-021725 [Tetrachloro-m-xylene(1) - 135%, Tetrachloro-m-xylene(2) - 138%], OU4-PCS-TC-06-021725RE [Tetrachloro-m-xylene(1) - 144%, Tetrachloro-m-xylene(2) - 140%], OU4-PCS-TC-10-021725 [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 135%], OU4-PCS-TC-10-021725RE [Tetrachloro-m-xylene(1) - 140% and Tetrachloro-m-xylene(2) - 135%] All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data, OU4-PCS-TC-07-021725 [Tetrachloro-m-xylene(1) - 134%], AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.		✓	

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS recoveries met the requirements for all compounds .			
	The MSD recoveries met the acceptable requirements.			
	The Blank Spike met requirements for all samples .			
	The RPD met criteria .			
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 not QT review data is reported in the Miscellaneous.

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

QA REVIEW

REVIEWED

By Sohil Jodhani, QA/QC Director at 9:02 am, Mar 05, 2025

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1382

	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:** 02/24/2025

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

LAB CHRONICLE

OrderID:	Q1382	**OrderDate:**	2/18/2025 10:57:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1382-01	**OU4-PCS-TC-01-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03	**OU4-PCS-TC-02-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-03RE	**OU4-PCS-TC-02-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
Q1382-05	**OU4-PCS-TC-03-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-05RE	**OU4-PCS-TC-03-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
Q1382-07	**OU4-PCS-TC-04-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-07RE	**OU4-PCS-TC-04-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
Q1382-09	**OU4-PCS-TC-05-021725**	**SOIL**			**02/17/25**			**02/18/25**

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

LAB CHRONICLE

			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-11	**OU4-PCS-TC-06-0217 25**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-11RE	**OU4-PCS-TC-06-0217 25RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
Q1382-13	**OU4-PCS-TC-07-0217 25**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-15	**OU4-PCS-TC-08-0217 25**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-17	**OU4-PCS-TC-09-0217 25**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-19	**OU4-PCS-TC-10-0217 25**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1382-19RE	**OU4-PCS-TC-10-0217 25RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1382 **Order ID:** Q1382

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-01-021725									
Q1382-01	OU4-PCS-TC-01-021	SOIL	Aroclor-1254	10.9	J	3.00	14.1	18.5	ug/kg
			Total Concentration:	**10.900**					
Client ID : OU4-PCS-TC-03-021725									
Q1382-05	OU4-PCS-TC-03-021	SOIL	Aroclor-1254	13.4	J	2.90	14.0	18.3	ug/kg
			Total Concentration:	**13.400**					
Client ID : OU4-PCS-TC-03-021725RE									
Q1382-05RE	OU4-PCS-TC-03-021	SOIL	Aroclor-1254	11.6	J	2.90	14.0	18.3	ug/kg
			Total Concentration:	**11.600**					
Client ID : OU4-PCS-TC-06-021725									
Q1382-11	OU4-PCS-TC-06-021	SOIL	Aroclor-1254	21.5		3.00	14.1	18.4	ug/kg
			Total Concentration:	**21.500**					
Client ID : OU4-PCS-TC-06-021725RE									
Q1382-11RE	OU4-PCS-TC-06-021	SOIL	Aroclor-1254	18.2	J	3.00	14.1	18.4	ug/kg
			Total Concentration:	**18.200**					
Client ID : OU4-PCS-TC-07-021725									
Q1382-13	OU4-PCS-TC-07-021	SOIL	Aroclor-1254	43.2		3.00	14.1	18.4	ug/kg
			Total Concentration:	**43.200**					

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1382

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP069264.D	PIBLK-PP069264.D	Tetrachloro-m-xylene	1	20	25.7	128		60	140
		Decachlorobiphenyl	1	20	25.4	127		60	140
		Tetrachloro-m-xylene	2	20	26.0	130		60	140
		Decachlorobiphenyl	2	20	25.4	127		60	140
I.BLK-PP069831.D	PIBLK-PP069831.D	Tetrachloro-m-xylene	1	20	23.3	116		60	140
		Decachlorobiphenyl	1	20	22.6	113		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	21.9	109		60	140
PB166770BL	PB166770BL	Tetrachloro-m-xylene	1	20	25.6	128		44	130
		Decachlorobiphenyl	1	20	22.4	112		60	125
		Tetrachloro-m-xylene	2	20	25.7	129		44	130
		Decachlorobiphenyl	2	20	23.8	119		60	125
PB166770BS	PB166770BS	Tetrachloro-m-xylene	1	20	25.5	128		44	130
		Decachlorobiphenyl	1	20	23.5	117		60	125
		Tetrachloro-m-xylene	2	20	24.3	121		44	130
		Decachlorobiphenyl	2	20	24.6	123		60	125
Q1382-01	OU4-PCS-TC-01-021725	Tetrachloro-m-xylene	1	20	25.6	128		44	130
		Decachlorobiphenyl	1	20	18.4	92		60	125
		Tetrachloro-m-xylene	2	20	25.3	127		44	130
		Decachlorobiphenyl	2	20	19.1	96		60	125
I.BLK-PP069846.D	PIBLK-PP069846.D	Tetrachloro-m-xylene	1	20	23.1	116		60	140
		Decachlorobiphenyl	1	20	22.2	111		60	140
		Tetrachloro-m-xylene	2	20	22.9	115		60	140
		Decachlorobiphenyl	2	20	22.9	114		60	140
Q1382-03	OU4-PCS-TC-02-021725	Tetrachloro-m-xylene	1	20	26.8	134	*	44	130
		Decachlorobiphenyl	1	20	23.1	115		60	125
		Tetrachloro-m-xylene	2	20	27.0	135	*	44	130
		Decachlorobiphenyl	2	20	23.2	116		60	125
Q1382-05	OU4-PCS-TC-03-021725	Tetrachloro-m-xylene	1	20	26.6	133	*	44	130
		Decachlorobiphenyl	1	20	22.7	114		60	125
		Tetrachloro-m-xylene	2	20	26.1	131	*	44	130
		Decachlorobiphenyl	2	20	23.4	117		60	125
Q1382-07	OU4-PCS-TC-04-021725	Tetrachloro-m-xylene	1	20	27.7	139	*	44	130
		Decachlorobiphenyl	1	20	23.2	116		60	125
		Tetrachloro-m-xylene	2	20	27.9	139	*	44	130
		Decachlorobiphenyl	2	20	23.4	117		60	125
Q1382-11	OU4-PCS-TC-06-021725	Tetrachloro-m-xylene	1	20	27.1	135	*	44	130
		Decachlorobiphenyl	1	20	23.1	115		60	125
		Tetrachloro-m-xylene	2	20	27.5	138	*	44	130
		Decachlorobiphenyl	2	20	22.1	111		60	125
Q1382-13	OU4-PCS-TC-07-021725	Tetrachloro-m-xylene	1	20	26.8	134	*	44	130

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

Surrogate Summary

SDG No.: Q1382

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1382-13	OU4-PCS-TC-07-021725	Decachlorobiphenyl	1	20	23.4	117		60	125
		Tetrachloro-m-xylene	2	20	24.9	125		44	130
		Decachlorobiphenyl	2	20	23.2	116		60	125
Q1382-15	OU4-PCS-TC-08-021725	Tetrachloro-m-xylene	1	20	25.3	126		44	130
		Decachlorobiphenyl	1	20	19.8	99		60	125
		Tetrachloro-m-xylene	2	20	24.6	123		44	130
		Decachlorobiphenyl	2	20	19.7	98		60	125
Q1382-17	OU4-PCS-TC-09-021725	Tetrachloro-m-xylene	1	20	24.3	121		44	130
		Decachlorobiphenyl	1	20	20.0	100		60	125
		Tetrachloro-m-xylene	2	20	24.4	122		44	130
		Decachlorobiphenyl	2	20	20.4	102		60	125
Q1382-19	OU4-PCS-TC-10-021725	Tetrachloro-m-xylene	1	20	27.1	136	*	44	130
		Decachlorobiphenyl	1	20	23.7	118		60	125
		Tetrachloro-m-xylene	2	20	27.0	135	*	44	130
		Decachlorobiphenyl	2	20	22.1	110		60	125
I.BLK-PP069861.D	PIBLK-PP069861.D	Tetrachloro-m-xylene	1	20	23.1	115		60	140
		Decachlorobiphenyl	1	20	22.2	111		60	140
		Tetrachloro-m-xylene	2	20	22.5	112		60	140
		Decachlorobiphenyl	2	20	22.1	111		60	140
I.BLK-PP069921.D	PIBLK-PP069921.D	Tetrachloro-m-xylene	1	20	23.8	119		60	140
		Decachlorobiphenyl	1	20	23.6	118		60	140
		Tetrachloro-m-xylene	2	20	24.0	120		60	140
		Decachlorobiphenyl	2	20	23.7	119		60	140
Q1382-01MS	OU4-PCS-TC-01-021725MS	Tetrachloro-m-xylene	1	20	23.5	117		44	130
		Decachlorobiphenyl	1	20	19.7	99		60	125
		Tetrachloro-m-xylene	2	20	22.7	114		44	130
		Decachlorobiphenyl	2	20	20.6	103		60	125
Q1382-01MSD	OU4-PCS-TC-01-021725MSD	Tetrachloro-m-xylene	1	20	24.4	122		44	130
		Decachlorobiphenyl	1	20	20.1	101		60	125
		Tetrachloro-m-xylene	2	20	23.4	117		44	130
		Decachlorobiphenyl	2	20	20.1	101		60	125
Q1382-03RE	OU4-PCS-TC-02-021725RE	Tetrachloro-m-xylene	1	20	27.2	136	*	44	130
		Decachlorobiphenyl	1	20	23.6	118		60	125
		Tetrachloro-m-xylene	2	20	26.9	135	*	44	130
		Decachlorobiphenyl	2	20	23.6	118		60	125
Q1382-05RE	OU4-PCS-TC-03-021725RE	Tetrachloro-m-xylene	1	20	27.5	137	*	44	130
		Decachlorobiphenyl	1	20	23.5	117		60	125
		Tetrachloro-m-xylene	2	20	27.4	137	*	44	130
		Decachlorobiphenyl	2	20	22.8	114		60	125
Q1382-07RE	OU4-PCS-TC-04-021725RE	Tetrachloro-m-xylene	1	20	28.4	142	*	44	130
		Decachlorobiphenyl	1	20	24.0	120		60	125

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

Surrogate Summary

SDG No.: Q1382

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1382-07RE	OU4-PCS-TC-04-021725RE	Tetrachloro-m-xylene	2	20	27.8	139	*	44	130
		Decachlorobiphenyl	2	20	23.9	119		60	125
Q1382-11RE	OU4-PCS-TC-06-021725RE	Tetrachloro-m-xylene	1	20	28.8	144	*	44	130
		Decachlorobiphenyl	1	20	23.9	119		60	125
		Tetrachloro-m-xylene	2	20	27.9	140	*	44	130
		Decachlorobiphenyl	2	20	23.8	119		60	125
I.BLK-PP069936.D	PIBLK-PP069936.D	Tetrachloro-m-xylene	1	20	24.4	122		60	140
		Decachlorobiphenyl	1	20	24.0	120		60	140
		Tetrachloro-m-xylene	2	20	24.2	121		60	140
		Decachlorobiphenyl	2	20	23.2	116		60	140
Q1382-19RE	OU4-PCS-TC-10-021725RE	Tetrachloro-m-xylene	1	20	27.9	140	*	44	130
		Decachlorobiphenyl	1	20	24.8	124		60	125
		Tetrachloro-m-xylene	2	20	27.0	135	*	44	130
		Decachlorobiphenyl	2	20	24.3	122		60	125
Q1382-09	OU4-PCS-TC-05-021725	Tetrachloro-m-xylene	1	20	25.8	129		44	130
		Decachlorobiphenyl	1	20	23.4	117		60	125
		Tetrachloro-m-xylene	2	20	25.3	126		44	130
		Decachlorobiphenyl	2	20	22.7	114		60	125
I.BLK-PP069951.D	PIBLK-PP069951.D	Tetrachloro-m-xylene	1	20	25.6	128		60	140
		Decachlorobiphenyl	1	20	24.6	123		60	140
		Tetrachloro-m-xylene	2	20	25.5	127		60	140
		Decachlorobiphenyl	2	20	23.8	119		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.: Q1382

Client: Nobis Group

Analytical Method: 8082A **DataFile :** PP069926.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**OU4-PCS-TC-01-021725MS**											
Q1382-01MS	AR1016	181.2	0	164	ug/kg	91				47	134	
	AR1260	181.2	0	149	ug/kg	82				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.: Q1382

Client: Nobis Group

Analytical Method: 8082A **DataFile :** PP069927.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**OU4-PCS-TC-01-021725MSD**											
Q1382-01MSD	AR1016	181	0	174	ug/kg	96		5		47	134	20
	AR1260	181	0	149	ug/kg	82		0		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.: Q1382

Client: Nobis Group

Analytical Method: 8082A **Datafile :** PP069838.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166770BS	AR1016	166.6	153	ug/kg	92				47	134	
	AR1260	166.6	159	ug/kg	95				53	140	

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166770BL

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382

Lab Sample ID: PB166770BL Lab File ID: PP069837.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 02/19/2025

Date Analyzed (1): 02/19/2025 Date Analyzed (2): 02/19/2025

Time Analyzed (1): 13:00 Time Analyzed (2): 13:00

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
PB166770BS	PB166770BS	PP069838.D	02/19/2025	02/19/2025
OU4-PCS-TC-01-021725	Q1382-01	PP069839.D	02/19/2025	02/19/2025
OU4-PCS-TC-02-021725	Q1382-03	PP069847.D	02/19/2025	02/19/2025
OU4-PCS-TC-03-021725	Q1382-05	PP069848.D	02/19/2025	02/19/2025
OU4-PCS-TC-04-021725	Q1382-07	PP069849.D	02/19/2025	02/19/2025
OU4-PCS-TC-06-021725	Q1382-11	PP069851.D	02/19/2025	02/19/2025
OU4-PCS-TC-07-021725	Q1382-13	PP069852.D	02/19/2025	02/19/2025
OU4-PCS-TC-08-021725	Q1382-15	PP069853.D	02/19/2025	02/19/2025
OU4-PCS-TC-09-021725	Q1382-17	PP069854.D	02/19/2025	02/19/2025
OU4-PCS-TC-10-021725	Q1382-19	PP069855.D	02/19/2025	02/19/2025
OU4-PCS-TC-01-021725MS	Q1382-01MS	PP069926.D	02/20/2025	02/20/2025
OU4-PCS-TC-01-021725MSD	Q1382-01MSD	PP069927.D	02/20/2025	02/20/2025
OU4-PCS-TC-05-021725	Q1382-09	PP069945.D	02/21/2025	02/21/2025

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:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9 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
PP069839.D	1	02/19/25 08:10	02/19/25 13:32	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	10.9	J	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.6		44 - 130		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.1		60 - 125		96%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:32
Operator : YP\AJ
Sample : Q1382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 14:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.828	36723970	22601820	25.655	25.323m
2)	SA Decachlor...	10.248	8.887	20152573	21374361	18.440	19.110
	Target Compounds						
26)	L6 AR-1254-1	6.523	5.725	1627800	2066620	28.132m	37.537m#
27)	L6 AR-1254-2	6.742	5.875	3220583	1770702	40.136	36.608m
28)	L6 AR-1254-3	7.104	6.280	1821323	2235354	21.608	29.453m#
29)	L6 AR-1254-4	7.387	6.507	1884625	1492937	27.639	29.131m
30)	L6 AR-1254-5	7.803	6.926	822367	1203798	12.085	18.086 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:32
Operator : YP\AJ
Sample : Q1382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

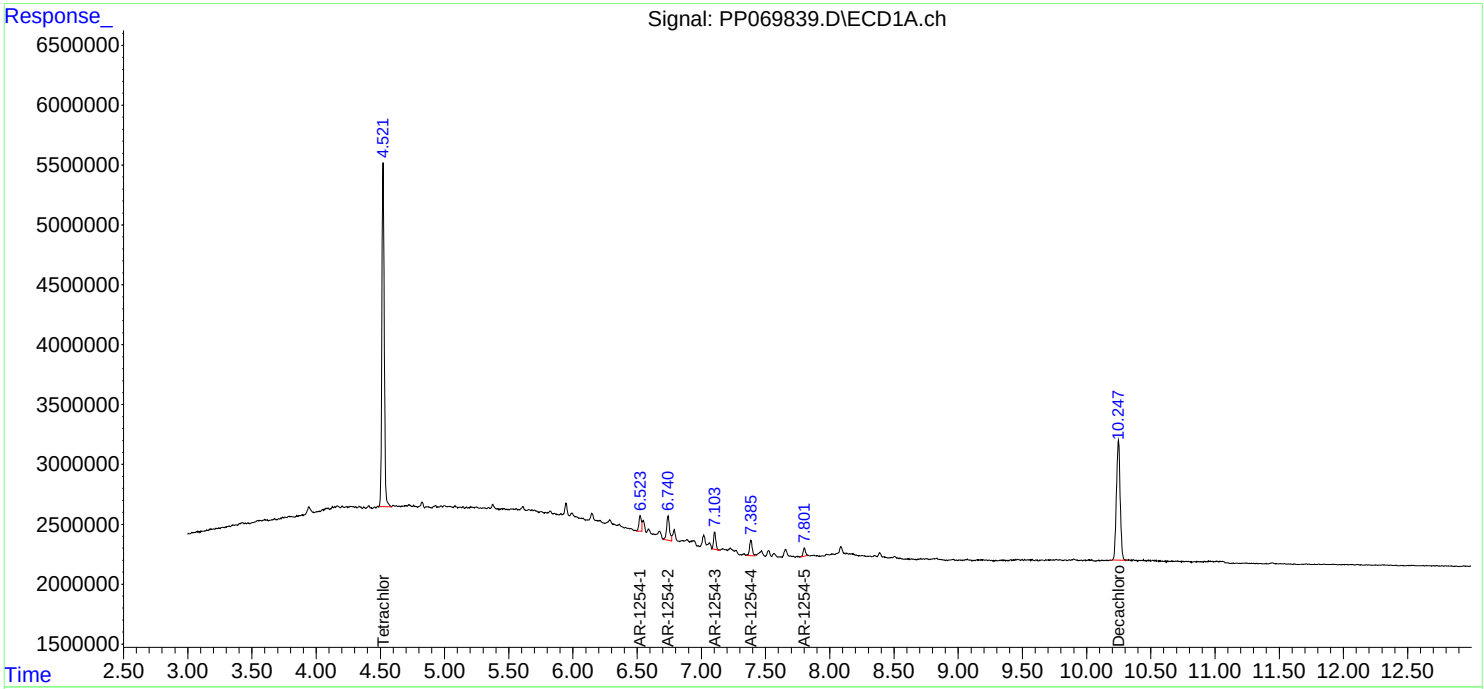
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

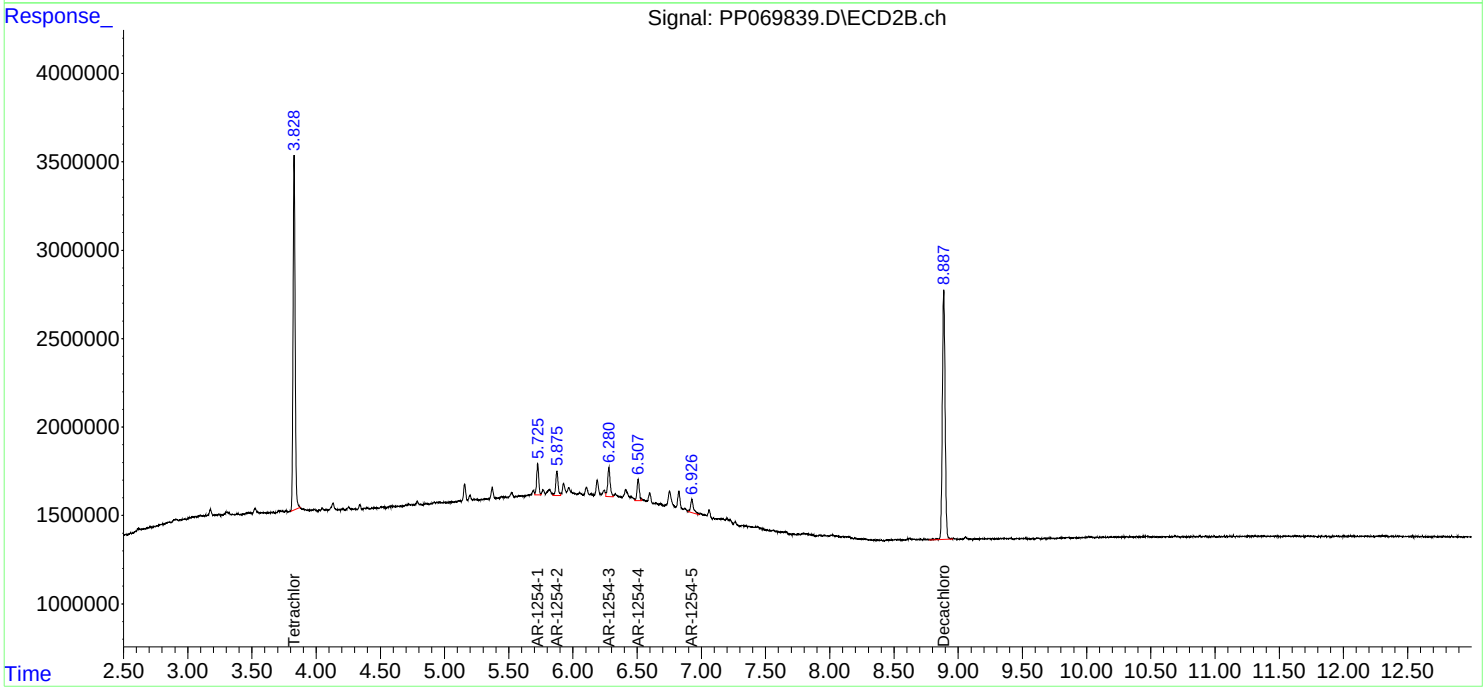
Manual Integrations APPROVED

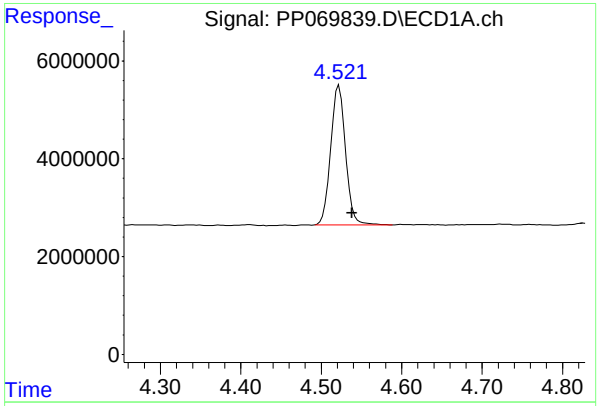
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 14:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







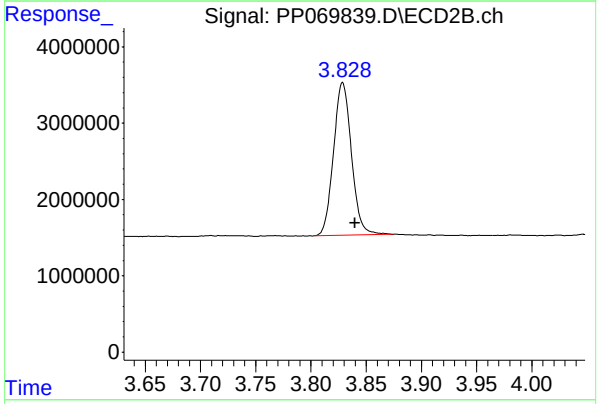
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 mi
Response: 36723970
Conc: 25.65 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

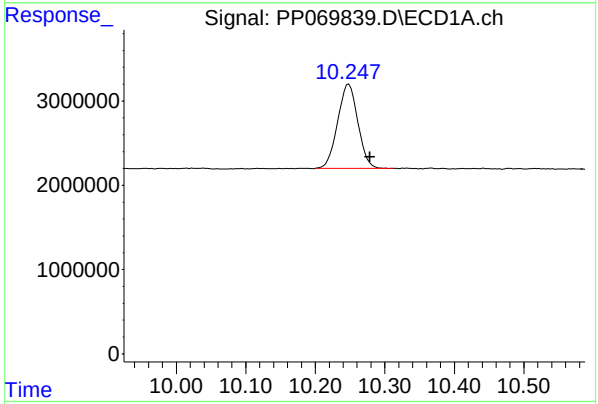
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



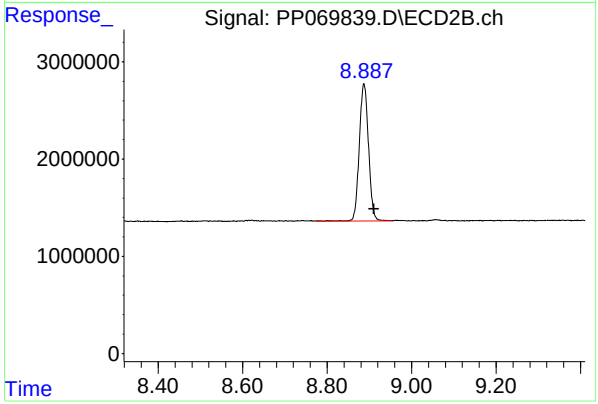
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.012 min
Response: 22601820
Conc: 25.32 ng/ml m



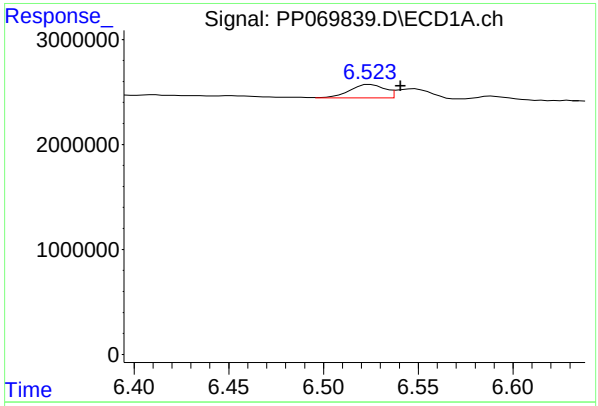
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.030 min
Response: 20152573
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 21374361
Conc: 19.11 ng/ml



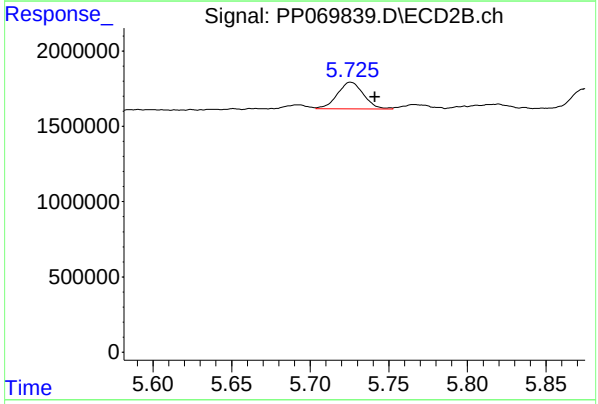
#26 AR-1254-1

R.T.: 6.523 min
Delta R.T.: -0.018 mi
Response: 1627800
Conc: 28.13 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

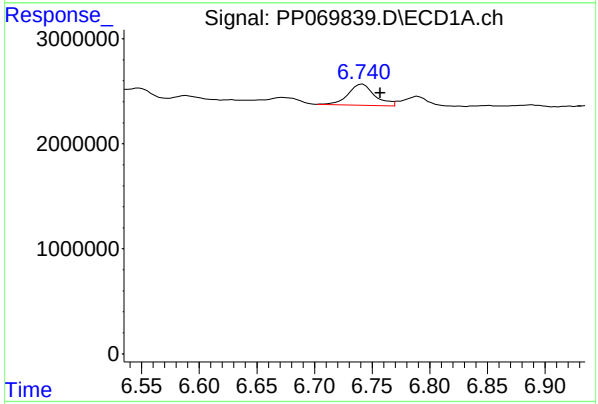
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



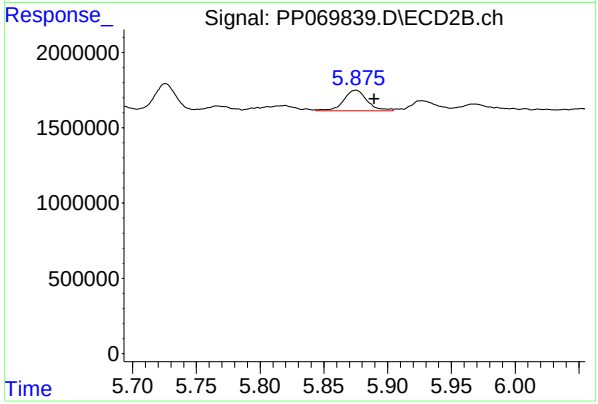
#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 2066620
Conc: 37.54 ng/ml m



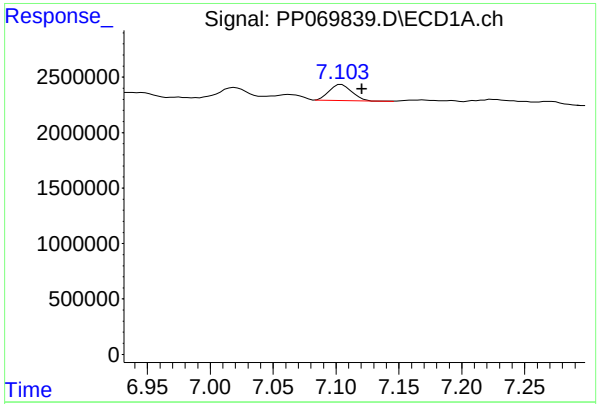
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.016 min
Response: 3220583
Conc: 40.14 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 1770702
Conc: 36.61 ng/ml m



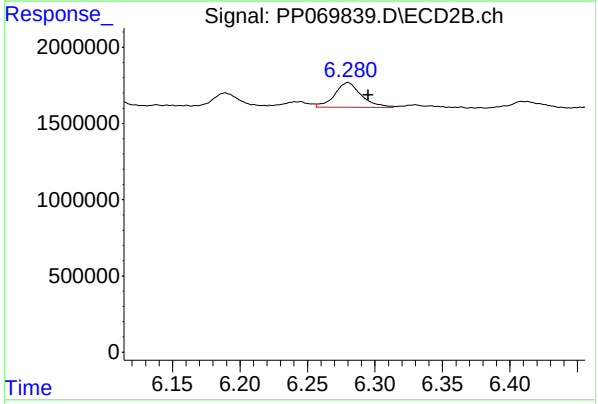
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 1821323
Conc: 21.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

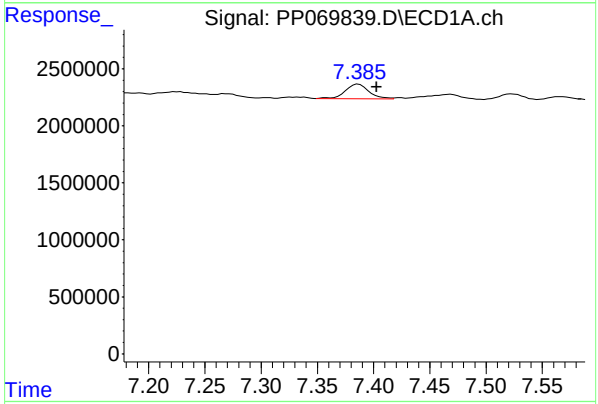
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



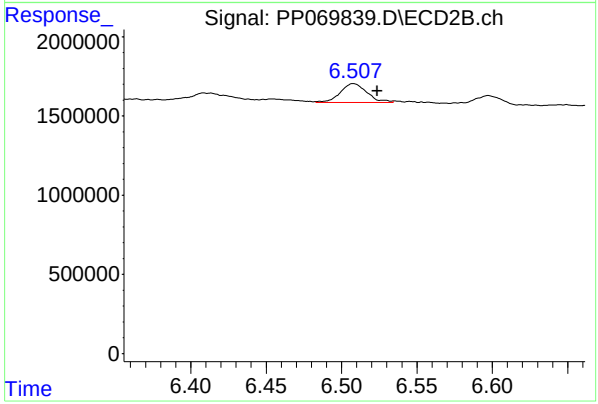
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 2235354
Conc: 29.45 ng/ml m



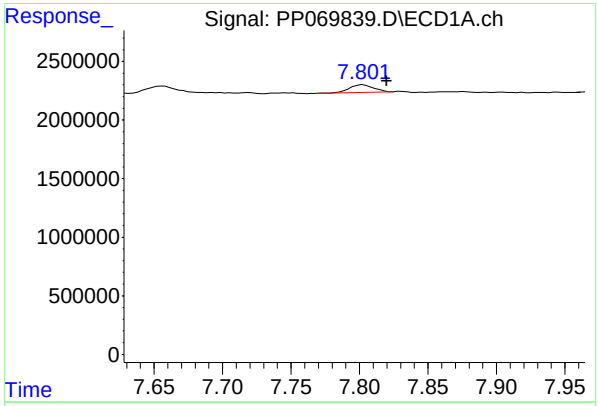
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 1884625
Conc: 27.64 ng/ml



#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.016 min
Response: 1492937
Conc: 29.13 ng/ml m



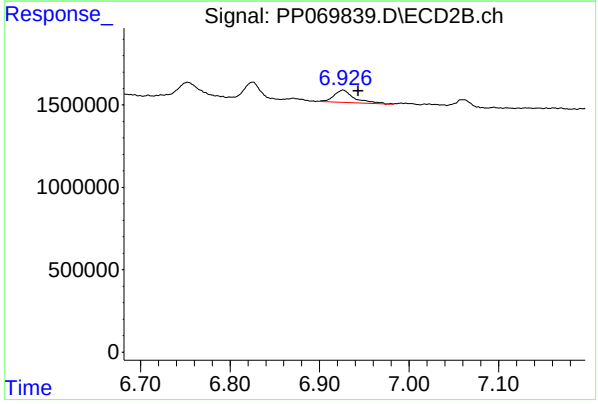
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.017 min
Response: 822367
Conc: 12.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 1203798
Conc: 18.09 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.7 Decanted:
Sample Wt/Vol:	30.1 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
PP069847.D	1	02/19/25 08:10	02/19/25 16:47	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.0	*	44 - 130		135%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		60 - 125		116%	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\PP021925\
Data File : PP069847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:47
Operator : YP\AJ
Sample : Q1382-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.830	38335921	24081683	26.781	26.981m
2)	SA Decachlor...	10.254	8.888	25225932	25991755	23.082	23.238
	Target Compounds						

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

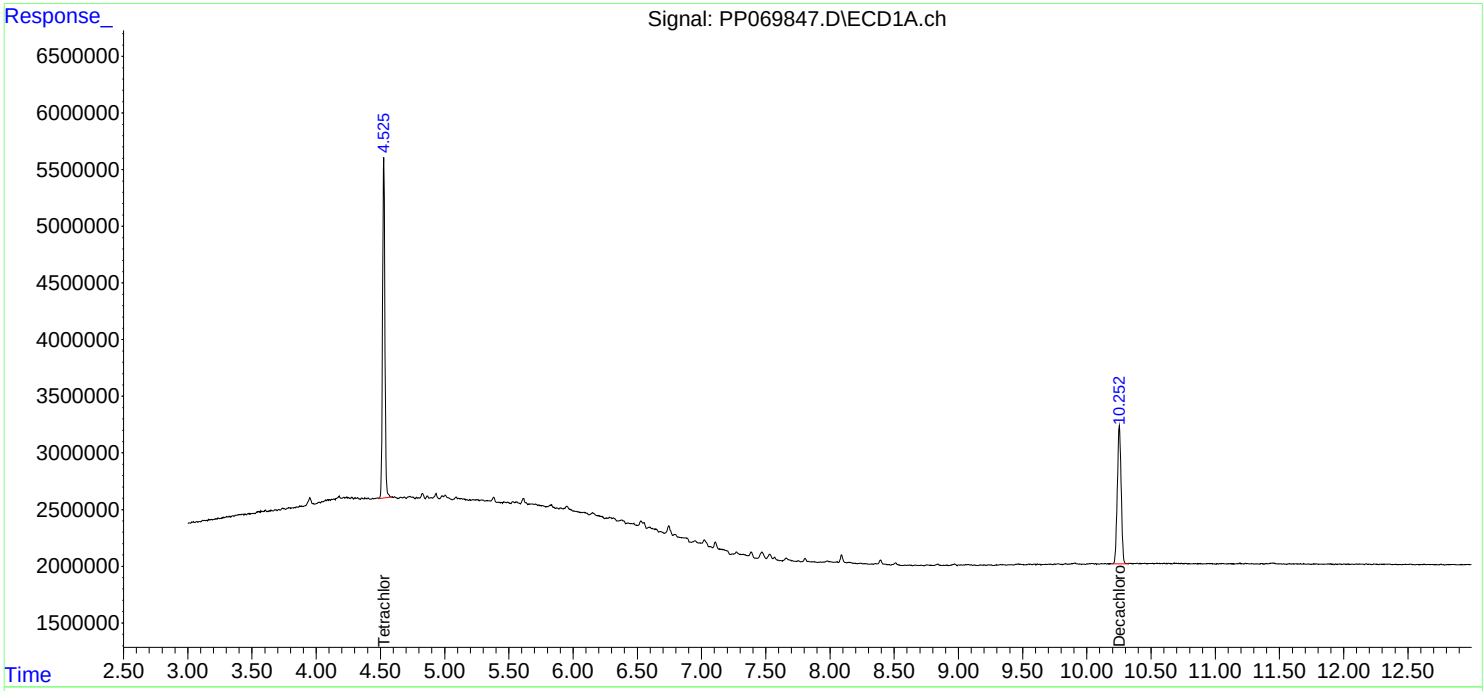
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:47
Operator : YP\AJ
Sample : Q1382-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

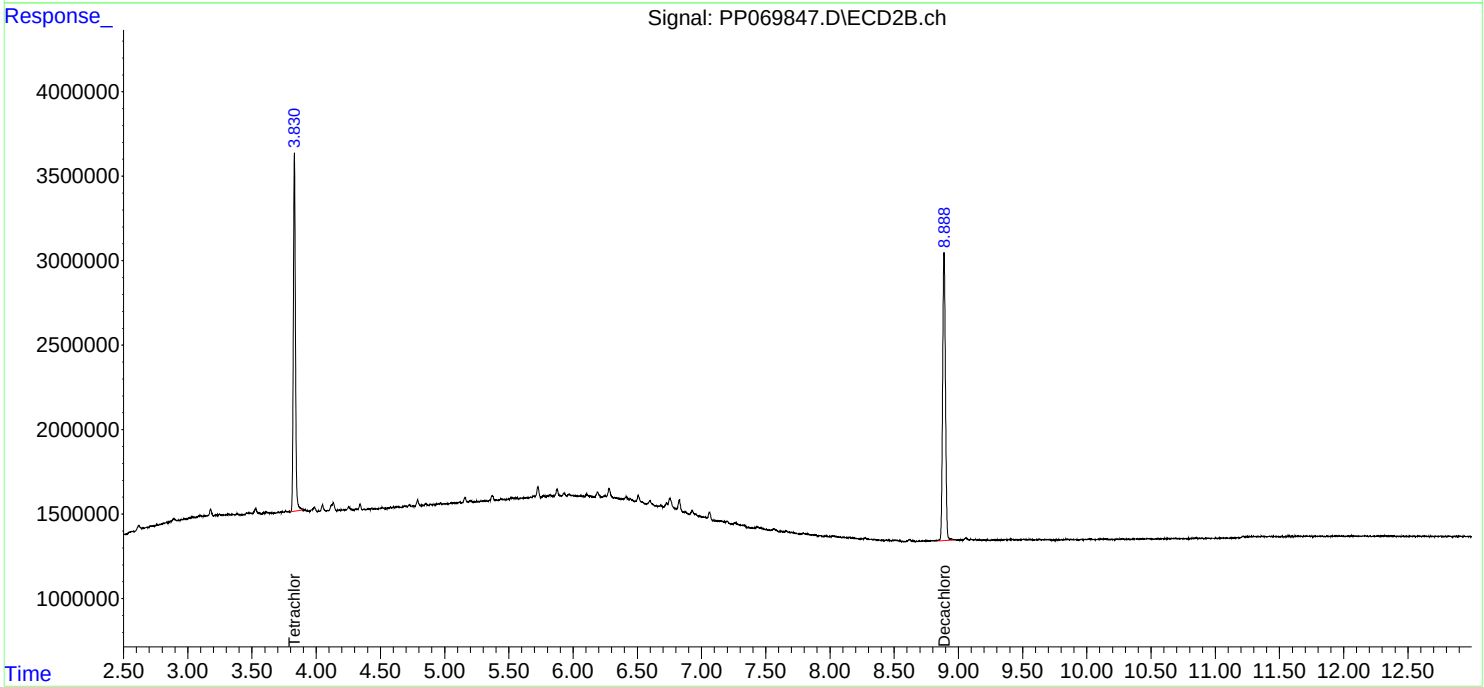
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725

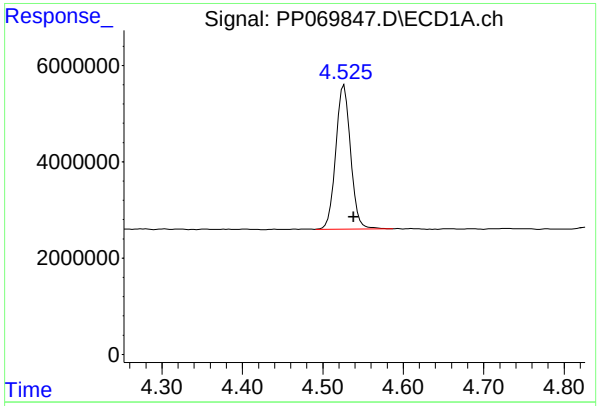
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







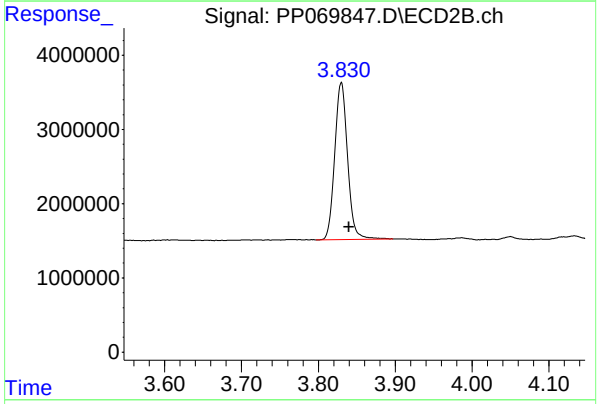
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 38335921
Conc: 26.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725

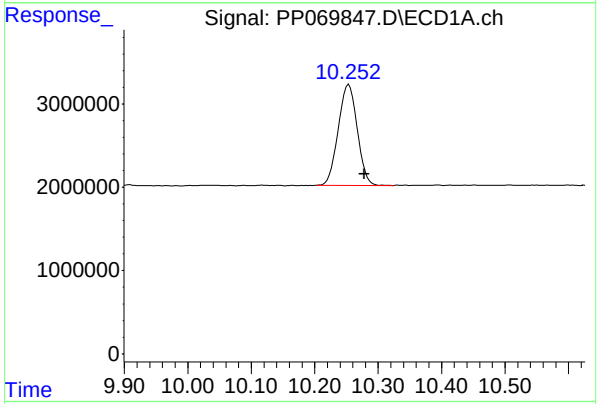
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



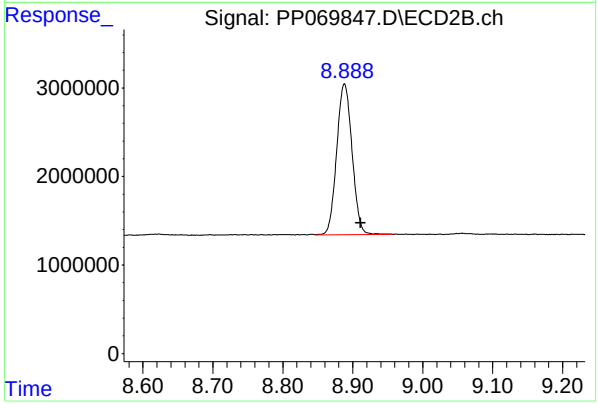
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 24081683
Conc: 26.98 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 25225932
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 25991755
Conc: 23.24 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-02-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-03RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.7 Decanted:
Sample Wt/Vol:	30.1 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
PP069928.D	1	02/19/25 08:10	02/20/25 20:02	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.2	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 125		118%	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\PP022025\
Data File : PP069928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:02
Operator : YP\AJ
Sample : Q1382-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.829	38938334	24018349	27.201	26.910m
2)	SA Decachlor...	10.256	8.888	25791515	26360073	23.599	23.568
	Target Compounds						

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

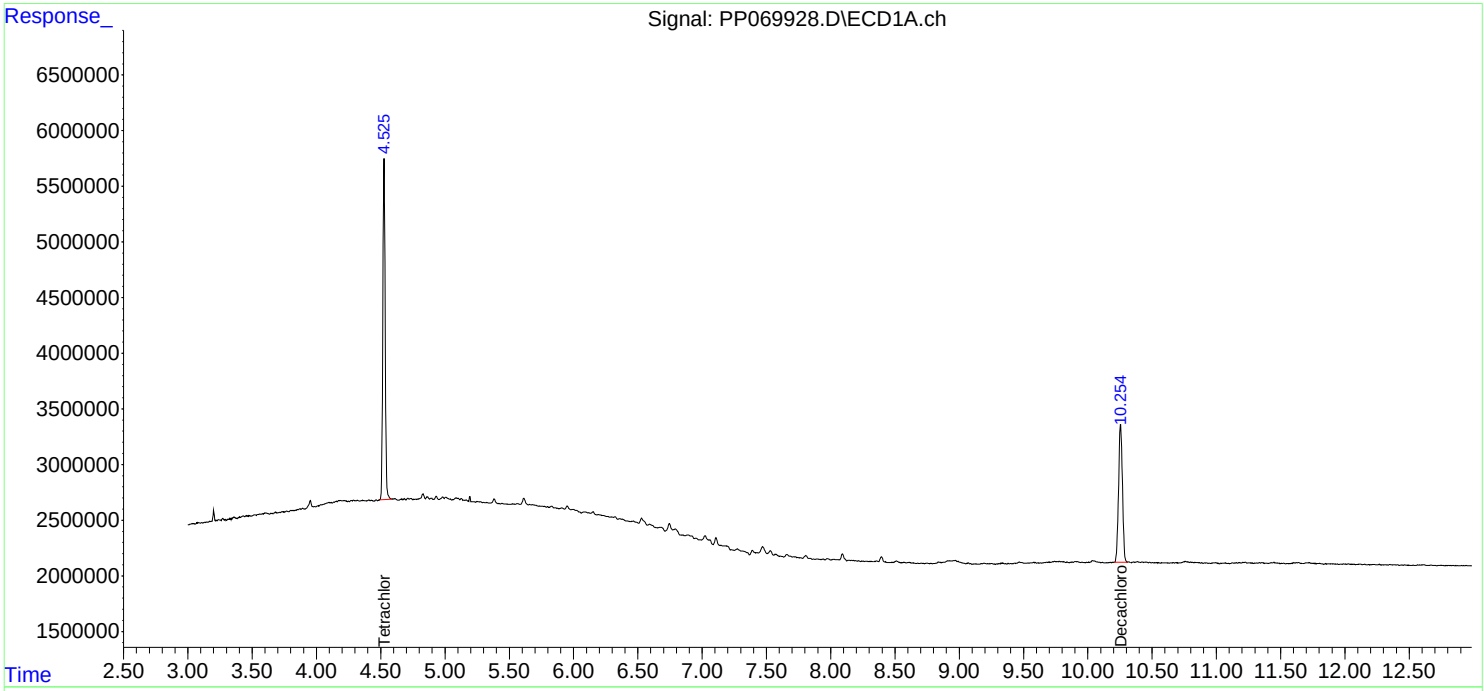
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:02
Operator : YP\AJ
Sample : Q1382-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

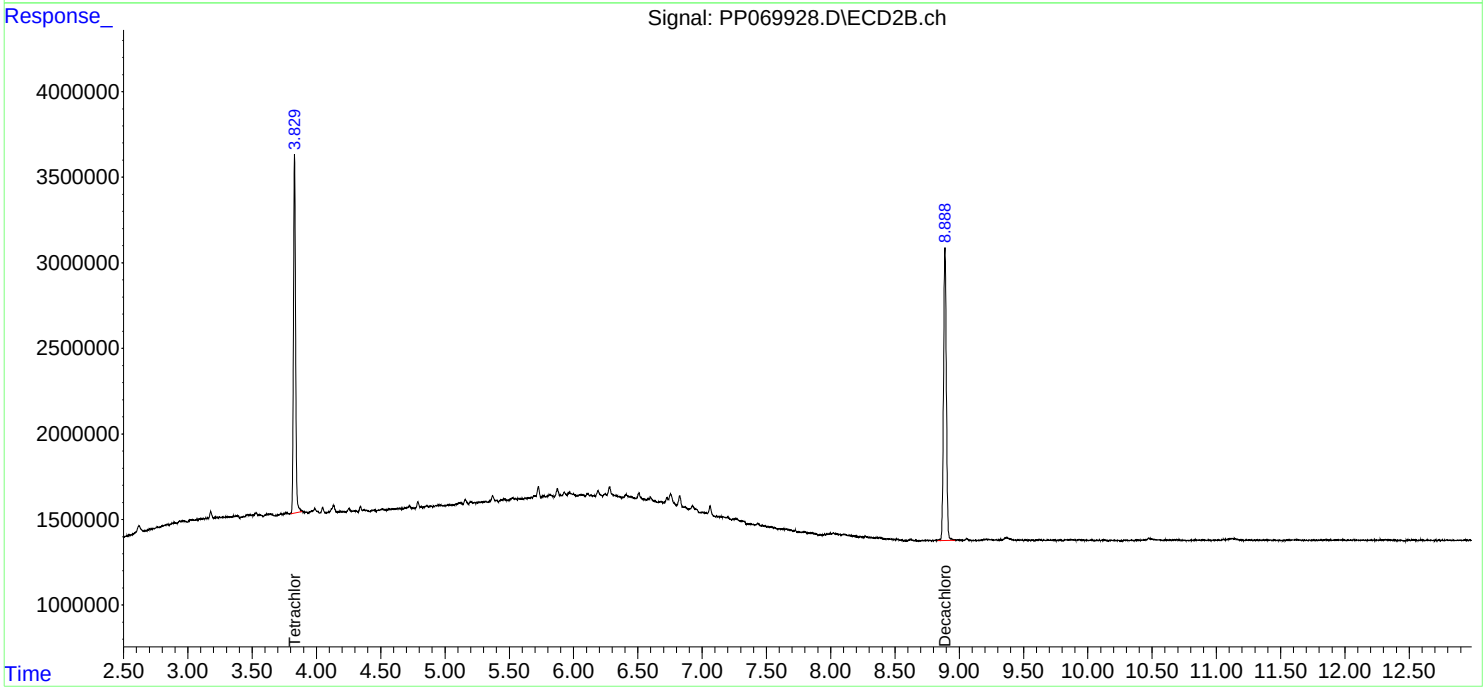
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE

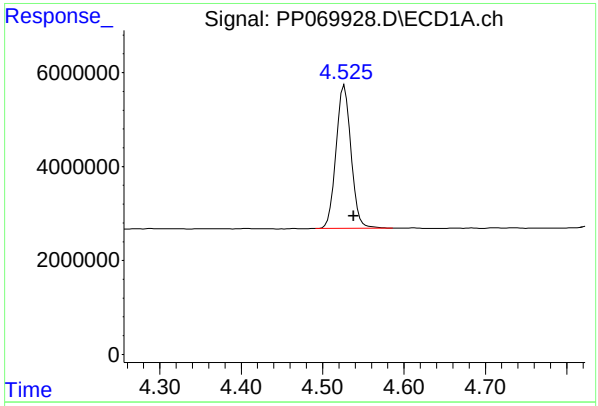
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







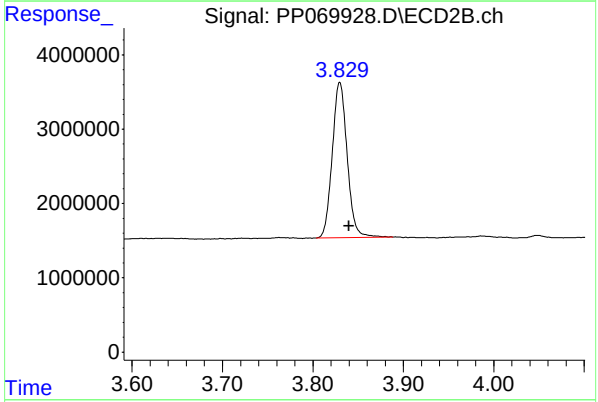
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 mi
Response: 38938334
Conc: 27.20 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE

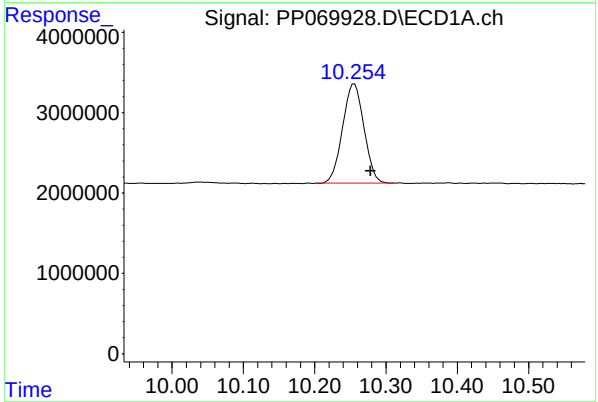
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



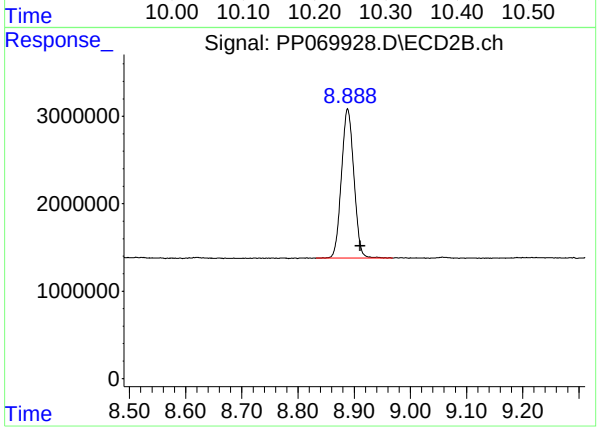
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24018349
Conc: 26.91 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 25791515
Conc: 23.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26360073
Conc: 23.57 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4 Decanted:
Sample Wt/Vol:	30.08 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
PP069848.D	1	02/19/25 08:10	02/19/25 17:03	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	13.4	J	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.6	*	44 - 130		133%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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\PP021925\
Data File : PP069848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:03
Operator : YP\AJ
Sample : Q1382-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	38008611	23330563	26.552	26.140m
2)	SA Decachlor...	10.250	8.889	24829570	26172014	22.719	23.400
	Target Compounds						
26)	L6 AR-1254-1	6.524	5.727	1977949	2388778	34.183m	43.388m#
27)	L6 AR-1254-2	6.743	5.876	3633450	2203019	45.281	45.546m
28)	L6 AR-1254-3	7.105	6.281	2354938	2671818	27.939	35.204m#
29)	L6 AR-1254-4	7.388	6.510	2223606	2037297	32.610	39.752
30)	L6 AR-1254-5	7.804	6.929	1233503	1462872	18.127m	21.978

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

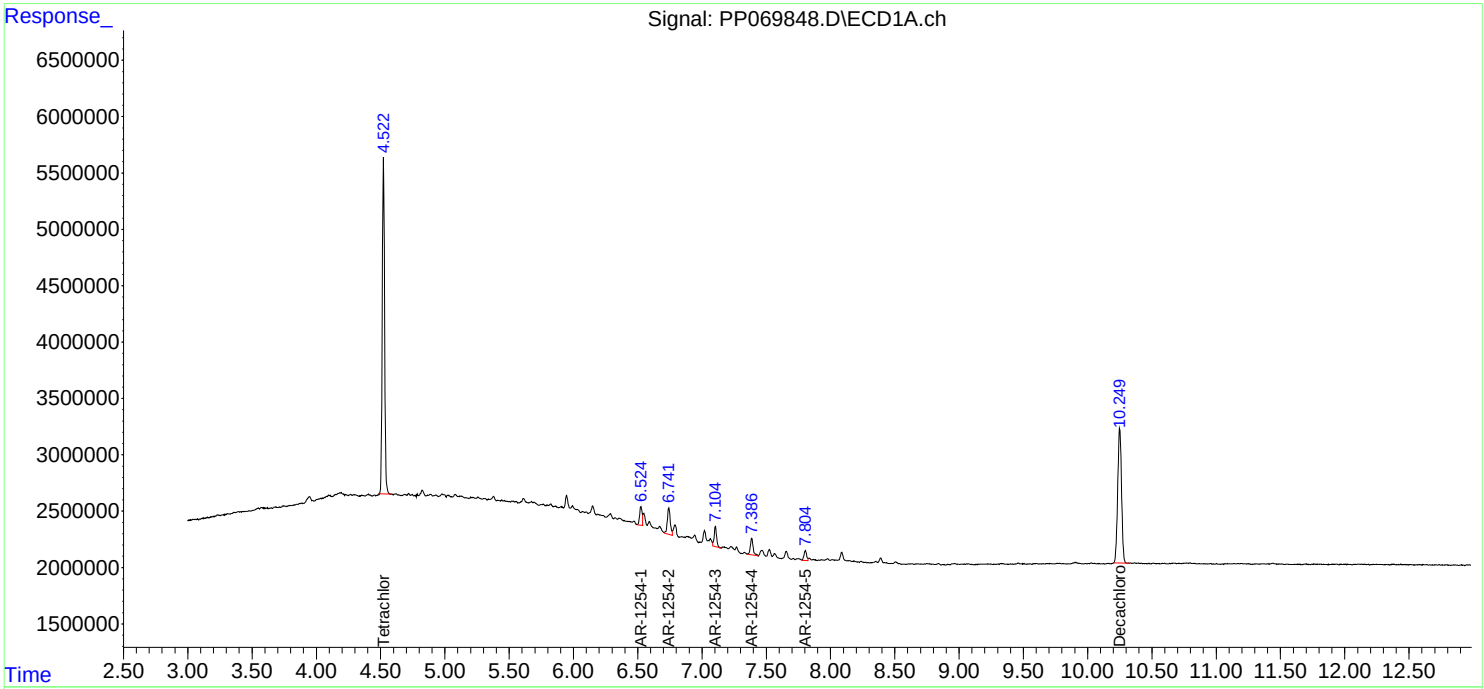
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:03
Operator : YP\AJ
Sample : Q1382-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

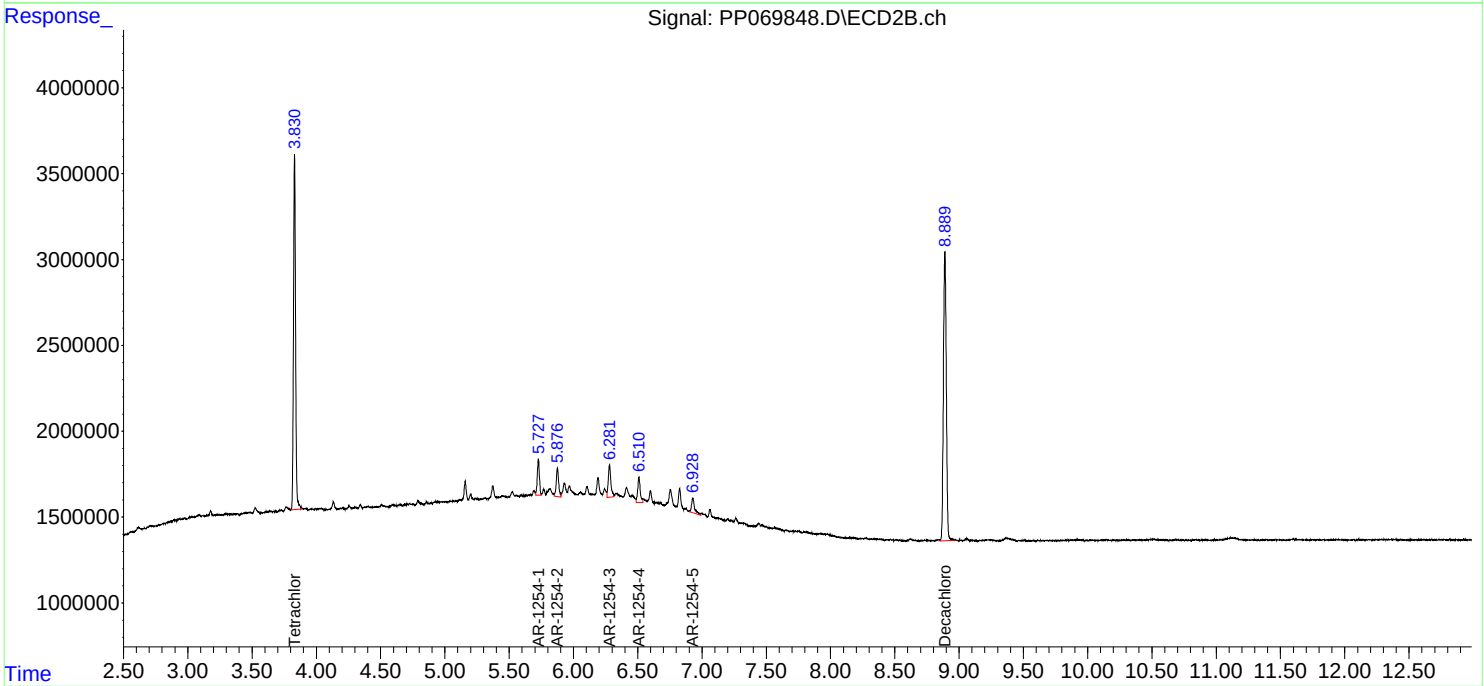
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

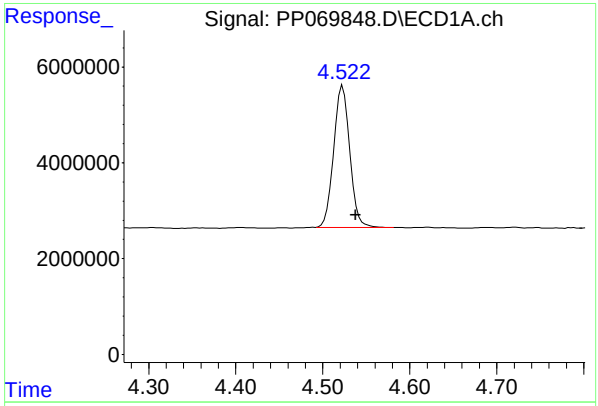
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







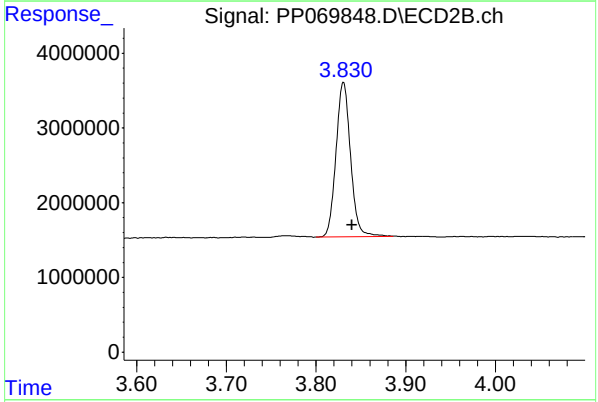
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 38008611
Conc: 26.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

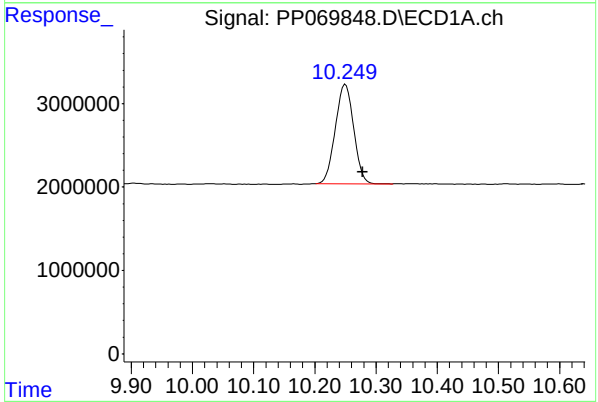
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



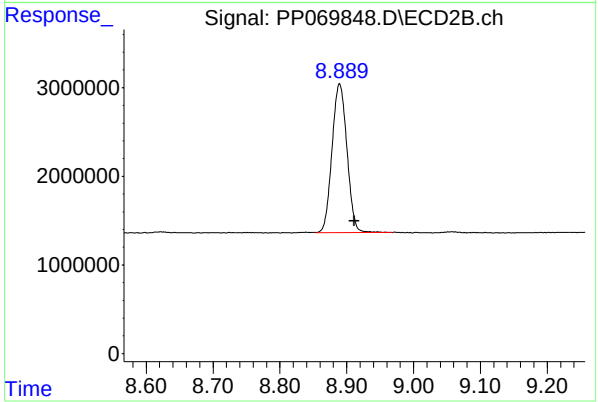
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23330563
Conc: 26.14 ng/ml m



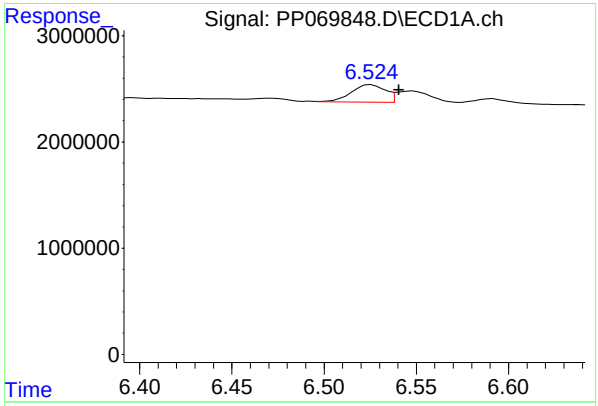
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24829570
Conc: 22.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 26172014
Conc: 23.40 ng/ml



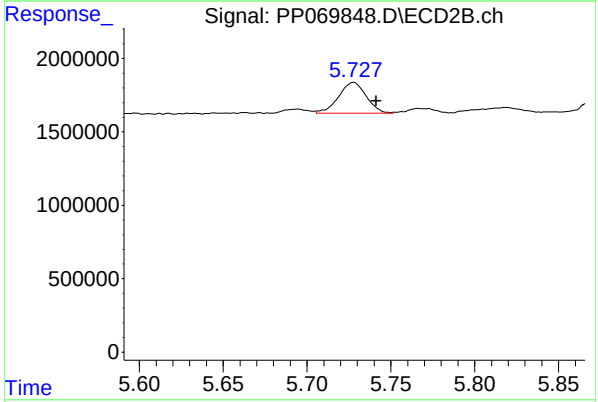
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.017 mi
Response: 1977949
Conc: 34.18 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

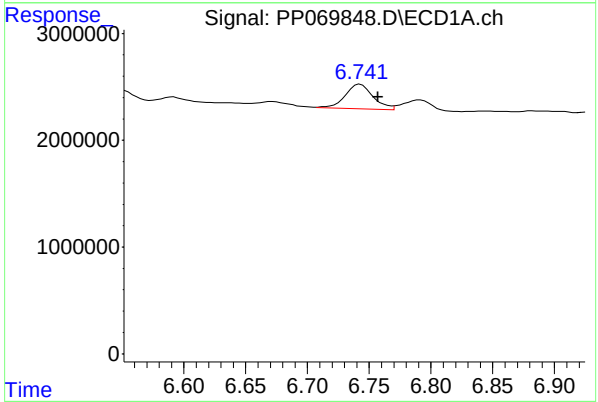
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



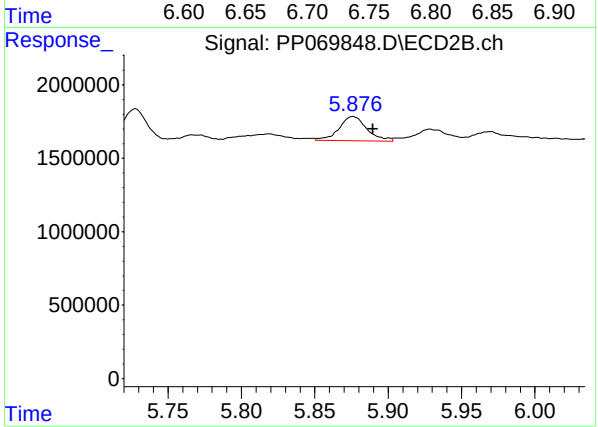
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 2388778
Conc: 43.39 ng/ml m



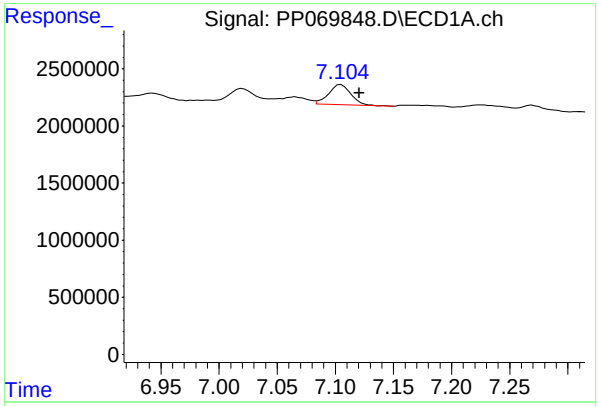
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 3633450
Conc: 45.28 ng/ml



#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 2203019
Conc: 45.55 ng/ml m



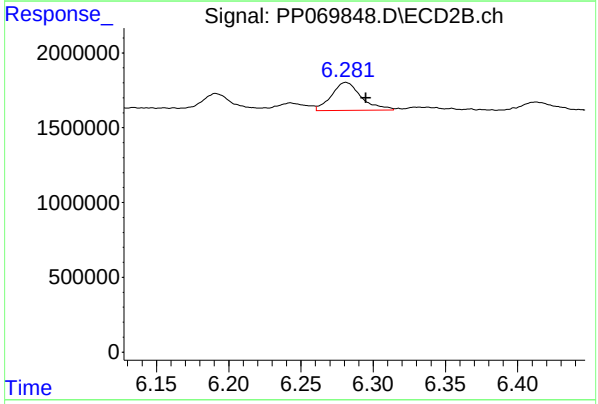
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 2354938
Conc: 27.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

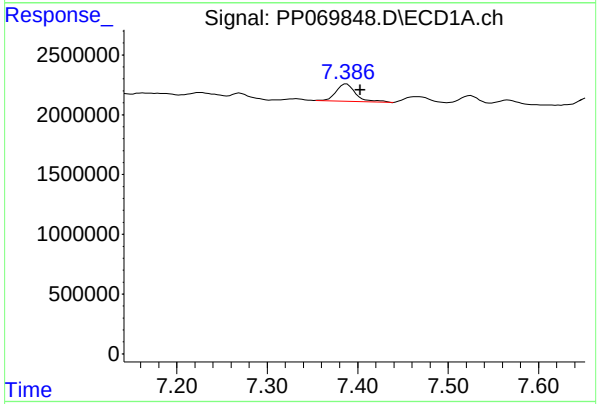
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



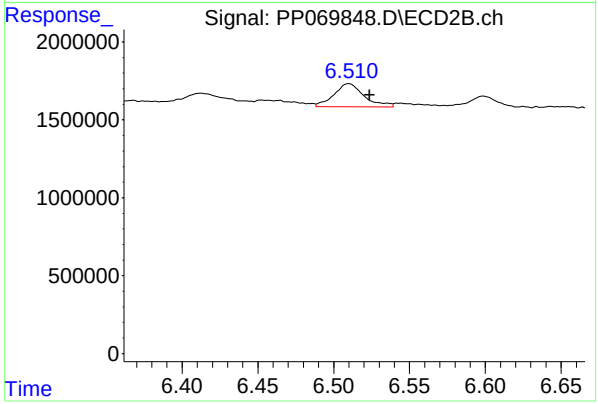
#28 AR-1254-3

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 2671818
Conc: 35.20 ng/ml m



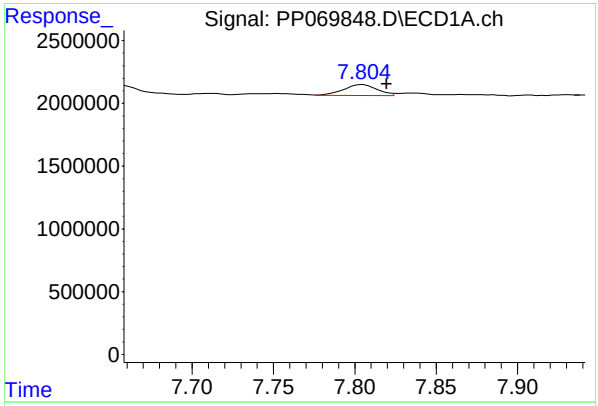
#29 AR-1254-4

R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 2223606
Conc: 32.61 ng/ml



#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 2037297
Conc: 39.75 ng/ml



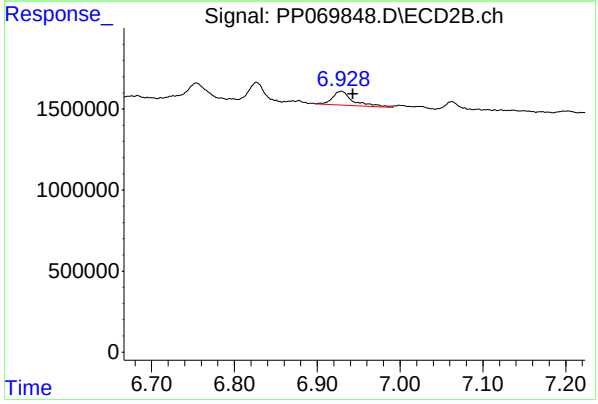
#30 AR-1254-5

R.T.: 7.804 min
Delta R.T.: -0.016 min
Response: 1233503
Conc: 18.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.929 min
Delta R.T.: -0.014 min
Response: 1462872
Conc: 21.98 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-03-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-05RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4 Decanted:
Sample Wt/Vol:	30.08 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
PP069929.D	1	02/19/25 08:10	02/20/25 20:18	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	11.6	J	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		137%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		60 - 125		117%	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\PP022025\
Data File : PP069929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:18
Operator : YP\AJ
Sample : Q1382-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:54:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.830	39326934	24432793	27.473	27.374m
2)	SA Decachlor...	10.256	8.889	25673763	25547943	23.491	22.842
	Target Compounds						
26)	L6 AR-1254-1	6.531	5.726	1382691	2191150	23.896m	39.799m#
27)	L6 AR-1254-2	6.744	5.873	3464574	1817642	43.177m	37.579m
28)	L6 AR-1254-3	7.105	6.278	3569447	2415840	42.348m	31.831m
29)	L6 AR-1254-4	7.389	6.509	2453192	1455910	35.977m	28.408m
30)	L6 AR-1254-5	7.807	6.927	1042528	1192795	15.321m	17.920

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

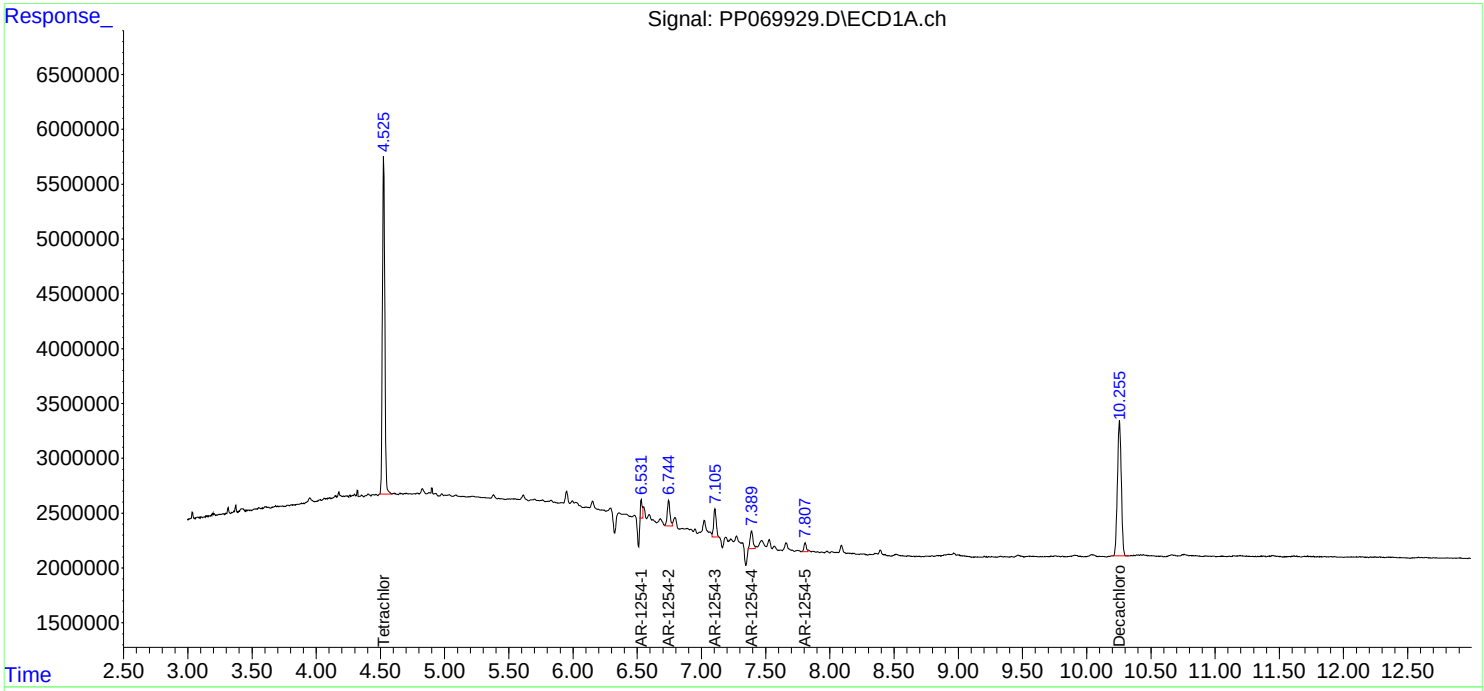
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:18
Operator : YP\AJ
Sample : Q1382-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

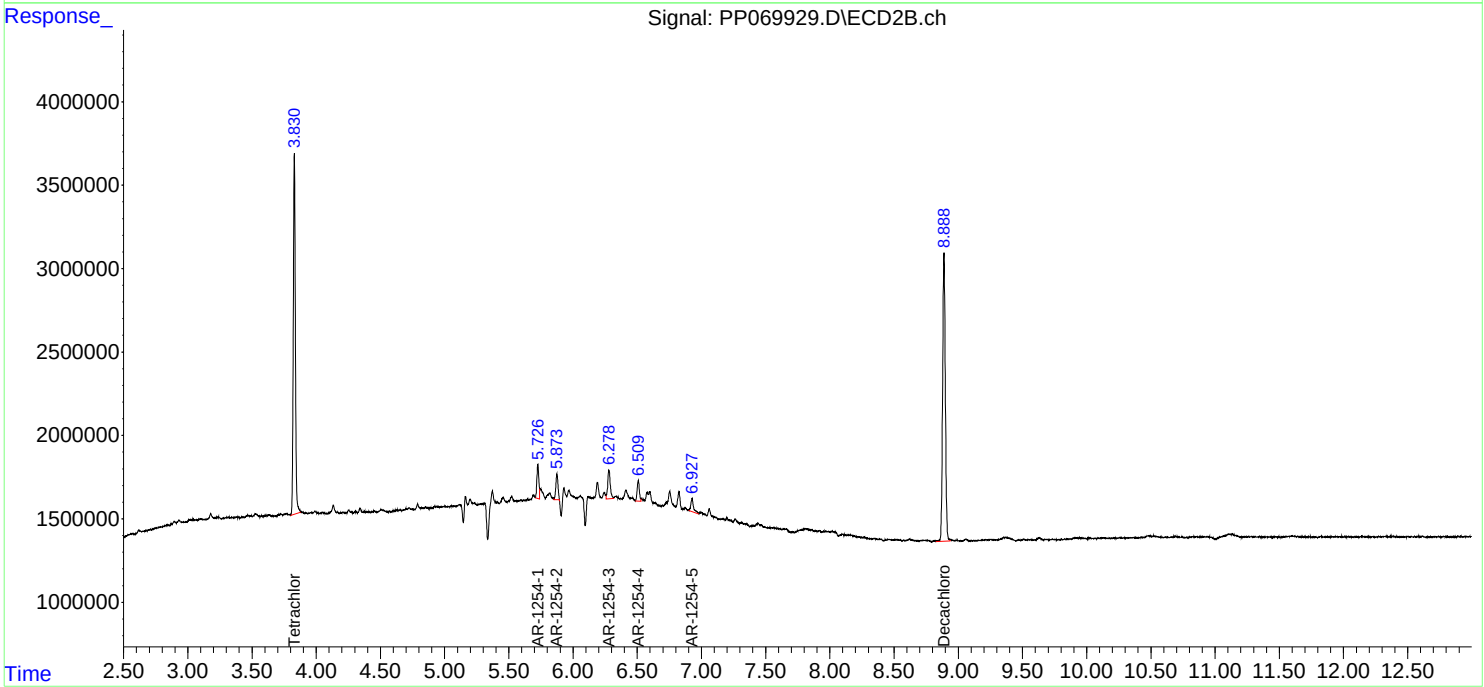
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

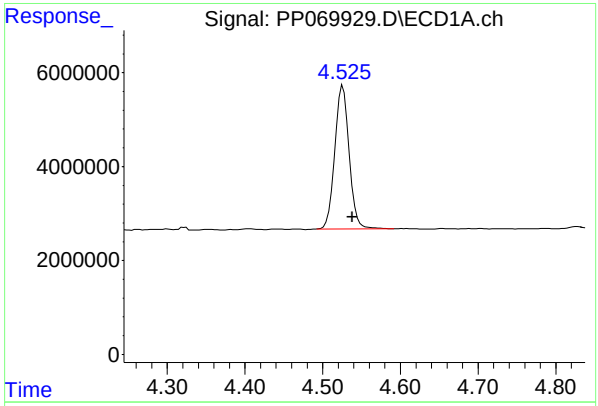
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:54:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







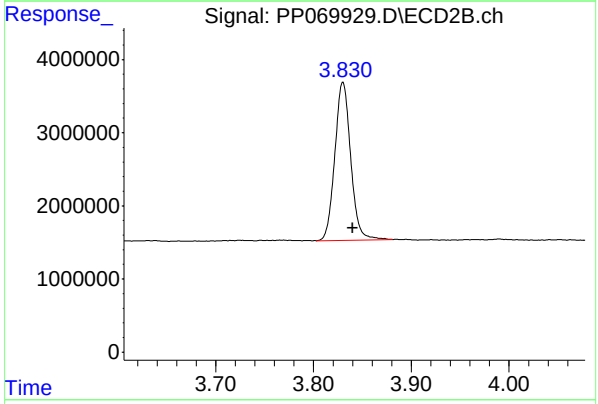
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39326934
Conc: 27.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

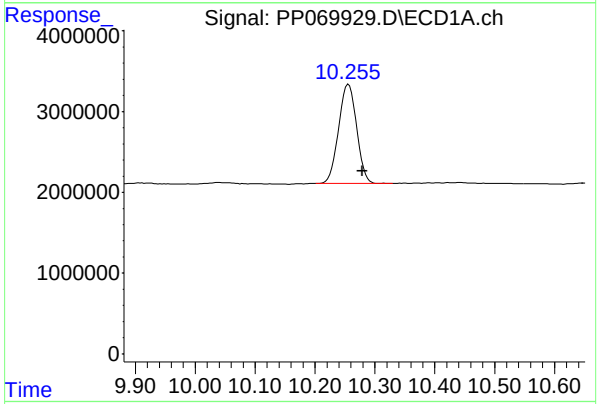
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



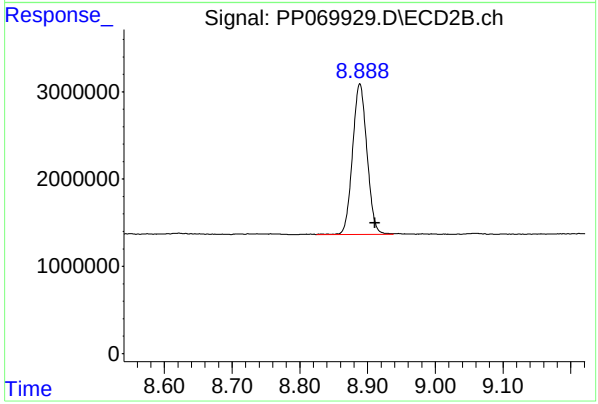
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 24432793
Conc: 27.37 ng/ml m



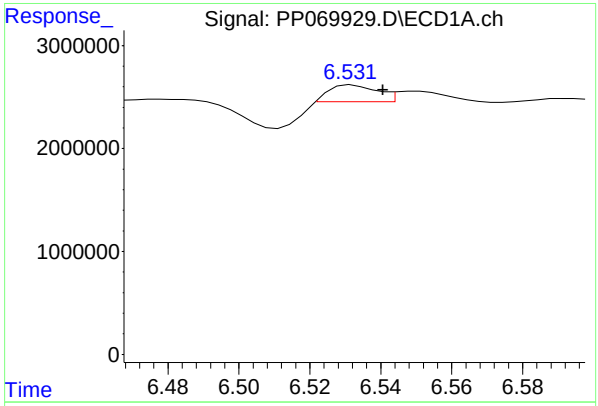
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.022 min
Response: 25673763
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 25547943
Conc: 22.84 ng/ml



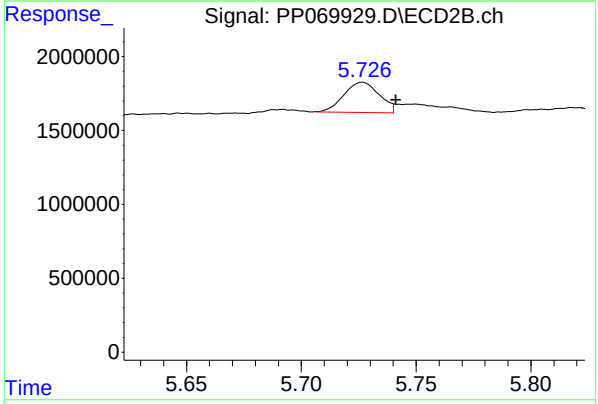
#26 AR-1254-1

R.T.: 6.531 min
Delta R.T.: -0.010 mi
Response: 1382691
Conc: 23.90 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

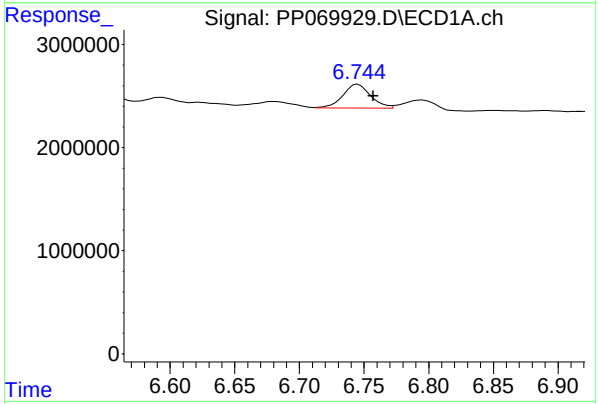
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



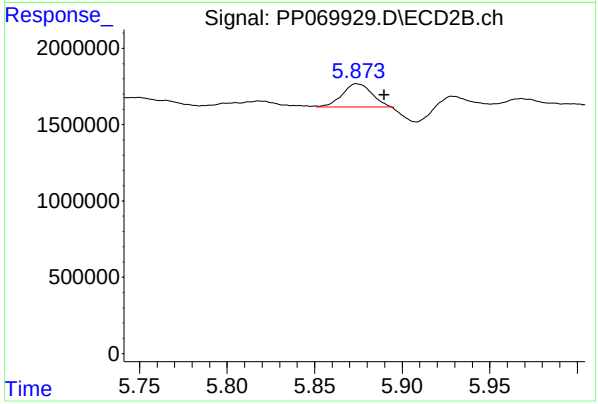
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 2191150
Conc: 39.80 ng/ml m



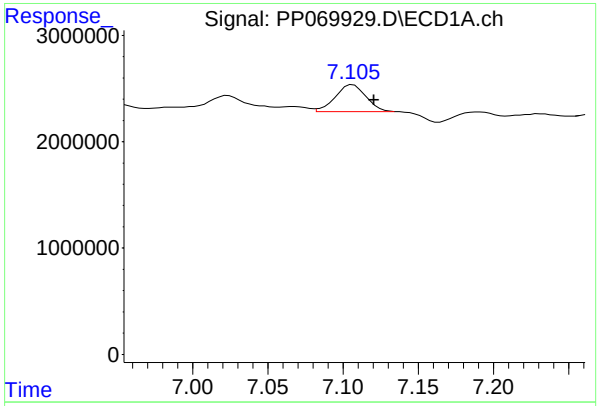
#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 3464574
Conc: 43.18 ng/ml m



#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 1817642
Conc: 37.58 ng/ml m



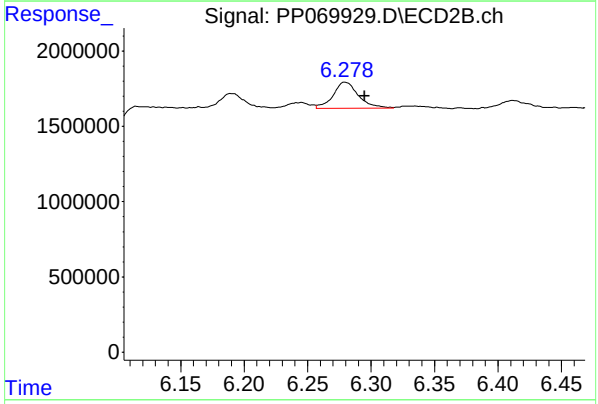
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 mi
Response: 3569447
Conc: 42.35 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

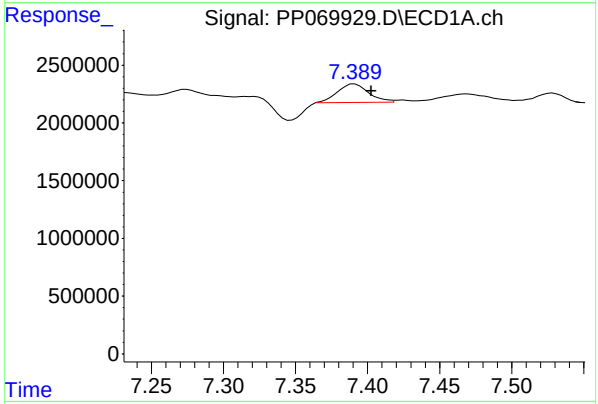
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



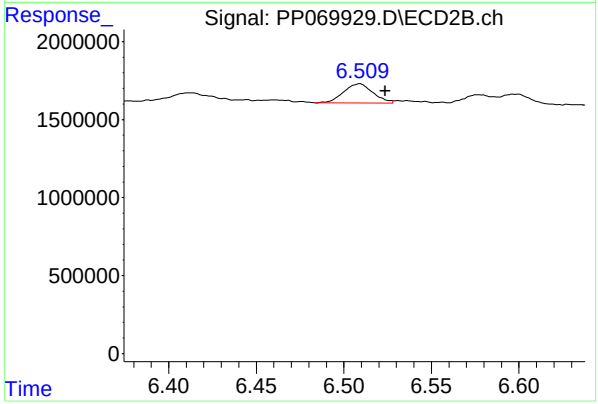
#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.016 min
Response: 2415840
Conc: 31.83 ng/ml m



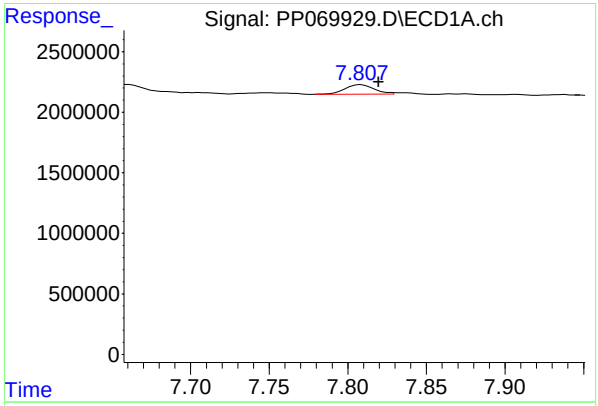
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.013 min
Response: 2453192
Conc: 35.98 ng/ml m



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 1455910
Conc: 28.41 ng/ml m



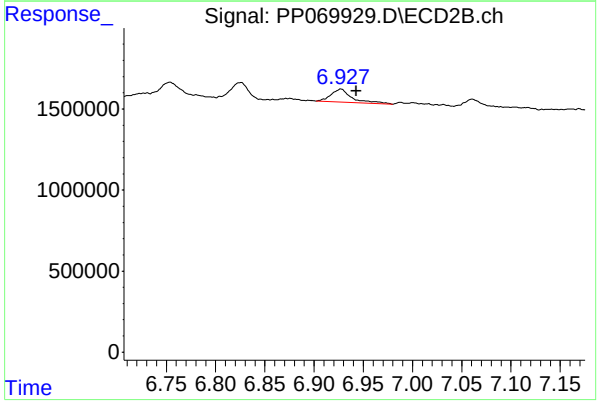
#30 AR-1254-5

R.T.: 7.807 min
Delta R.T.: -0.012 min
Response: 1042528
Conc: 15.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 1192795
Conc: 17.92 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 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
PP069849.D	1	02/19/25 08:10	02/19/25 17:19	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.9	*	44 - 130		139%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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\PP021925\
Data File : PP069849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:19
Operator : YP\AJ
Sample : Q1382-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	39651881	24873638	27.700	27.868m
2)	SA Decachlor...	10.254	8.888	25322622	26203070	23.170	23.427
	Target Compounds						

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

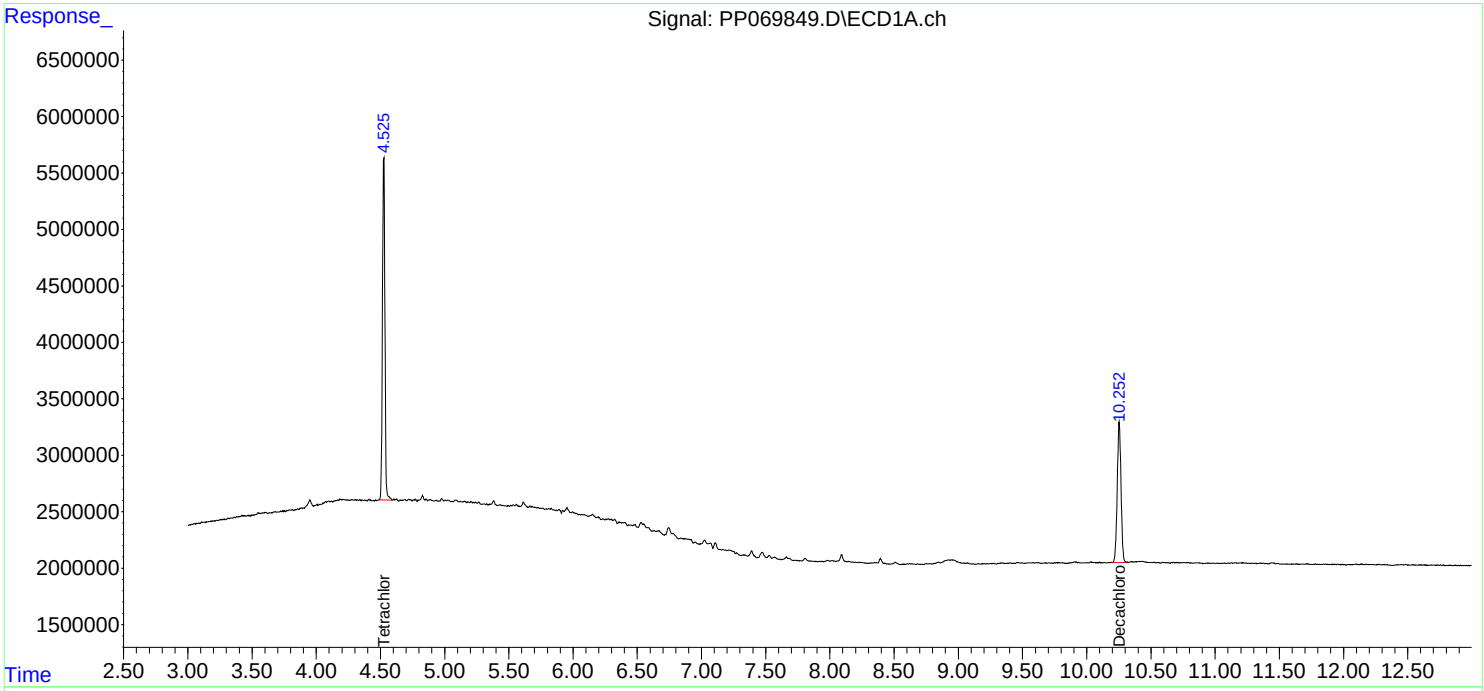
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:19
Operator : YP\AJ
Sample : Q1382-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

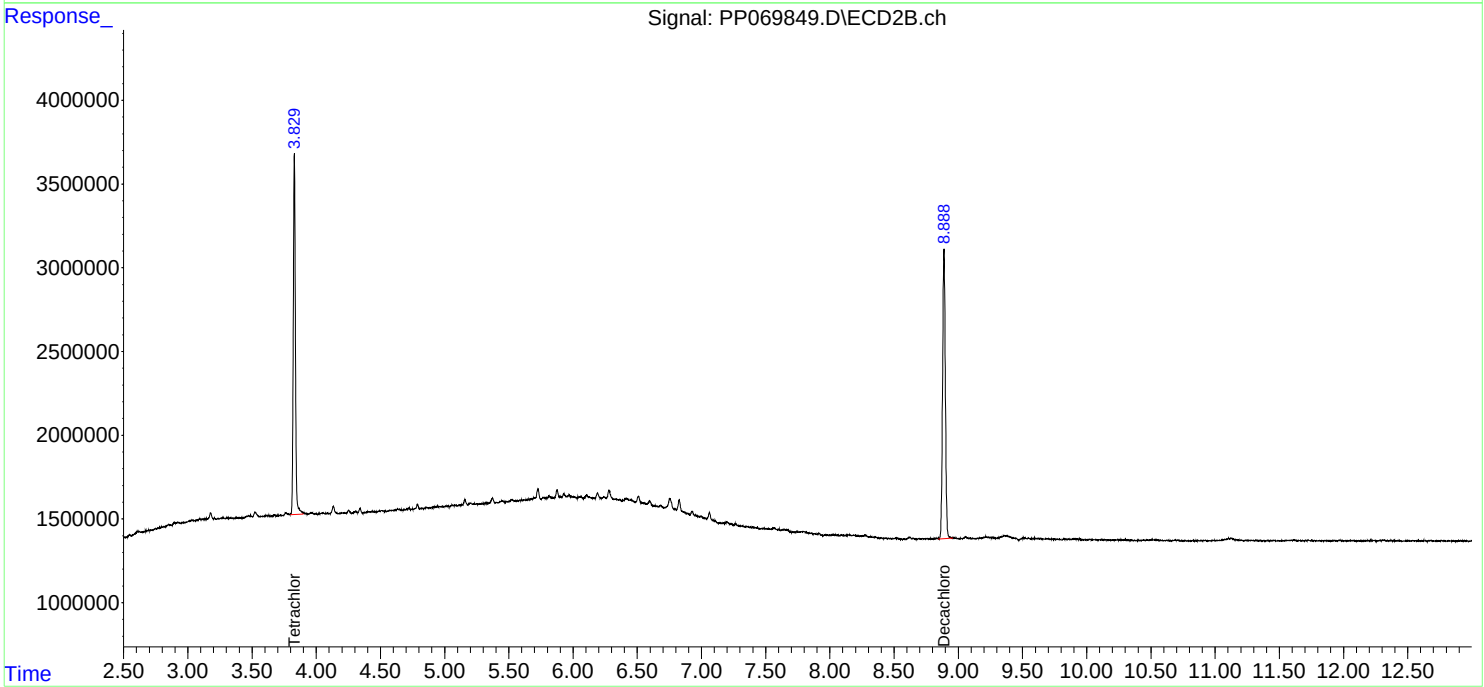
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725

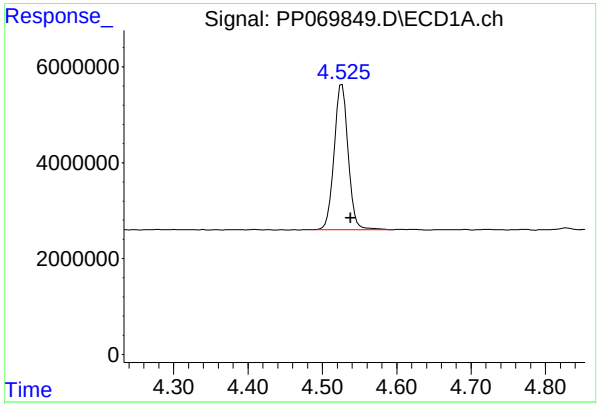
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







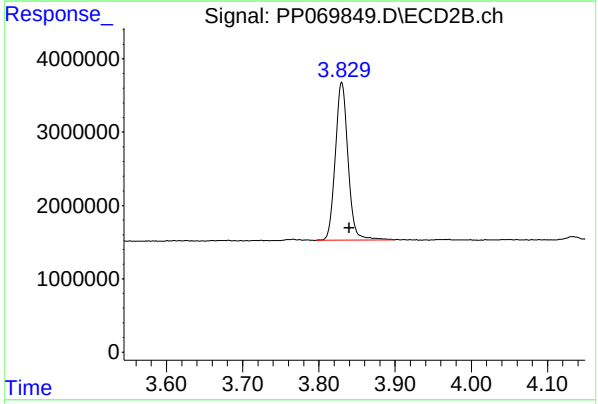
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39651881
Conc: 27.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725

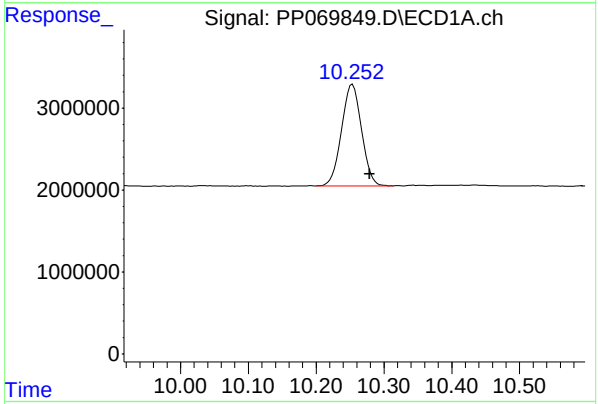
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



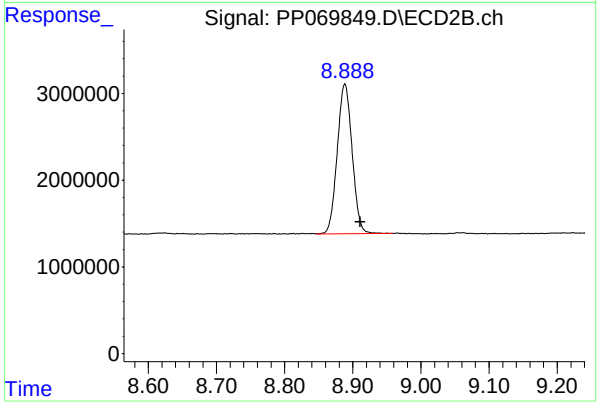
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24873638
Conc: 27.87 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 25322622
Conc: 23.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26203070
Conc: 23.43 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-04-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-07RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 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
PP069930.D	1	02/19/25 08:10	02/20/25 20:34	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	28.4	*	44 - 130		142%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.0		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\PP022025\
Data File : PP069930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:34
Operator : YP\AJ
Sample : Q1382-07RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.829	40598309	24795924	28.361	27.781m
2)	SA Decachlor...	10.252	8.888	26213438	26681553	23.985	23.855
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:34
Operator : YP\AJ
Sample : Q1382-07RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

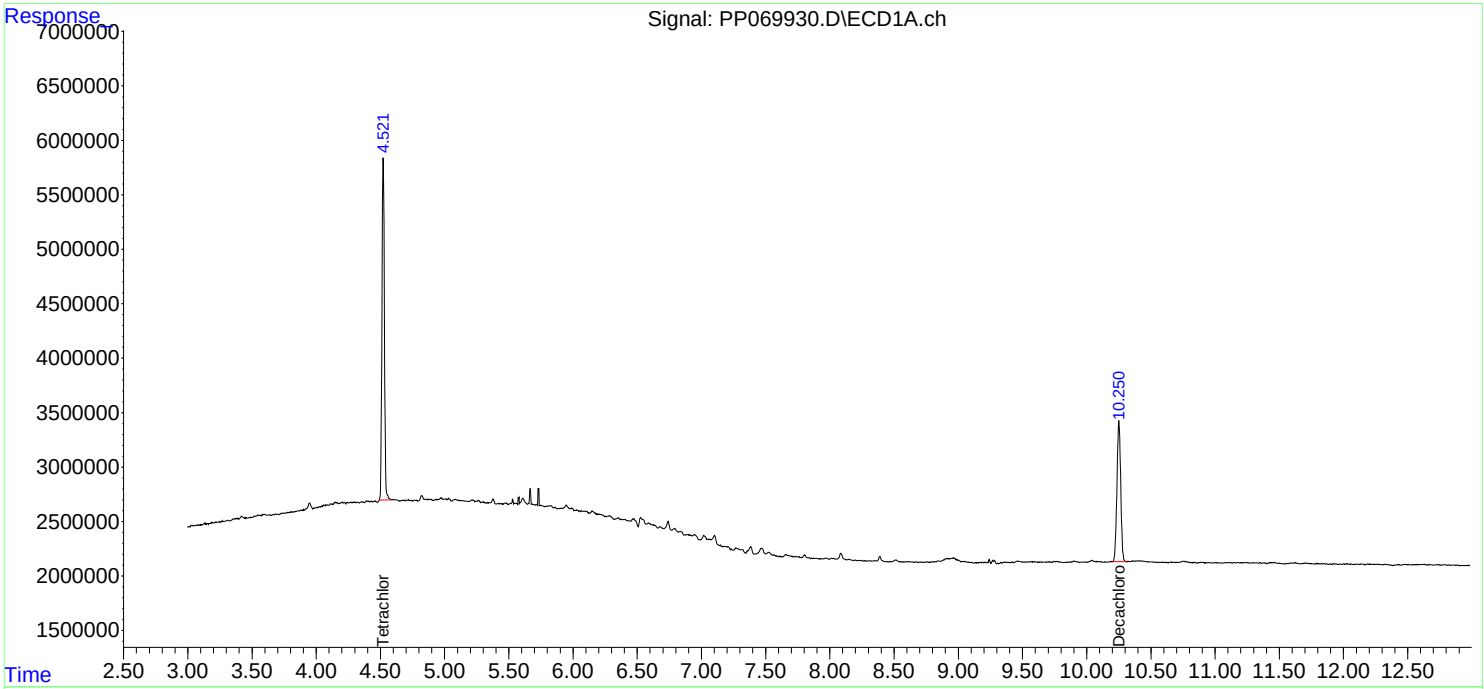
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE

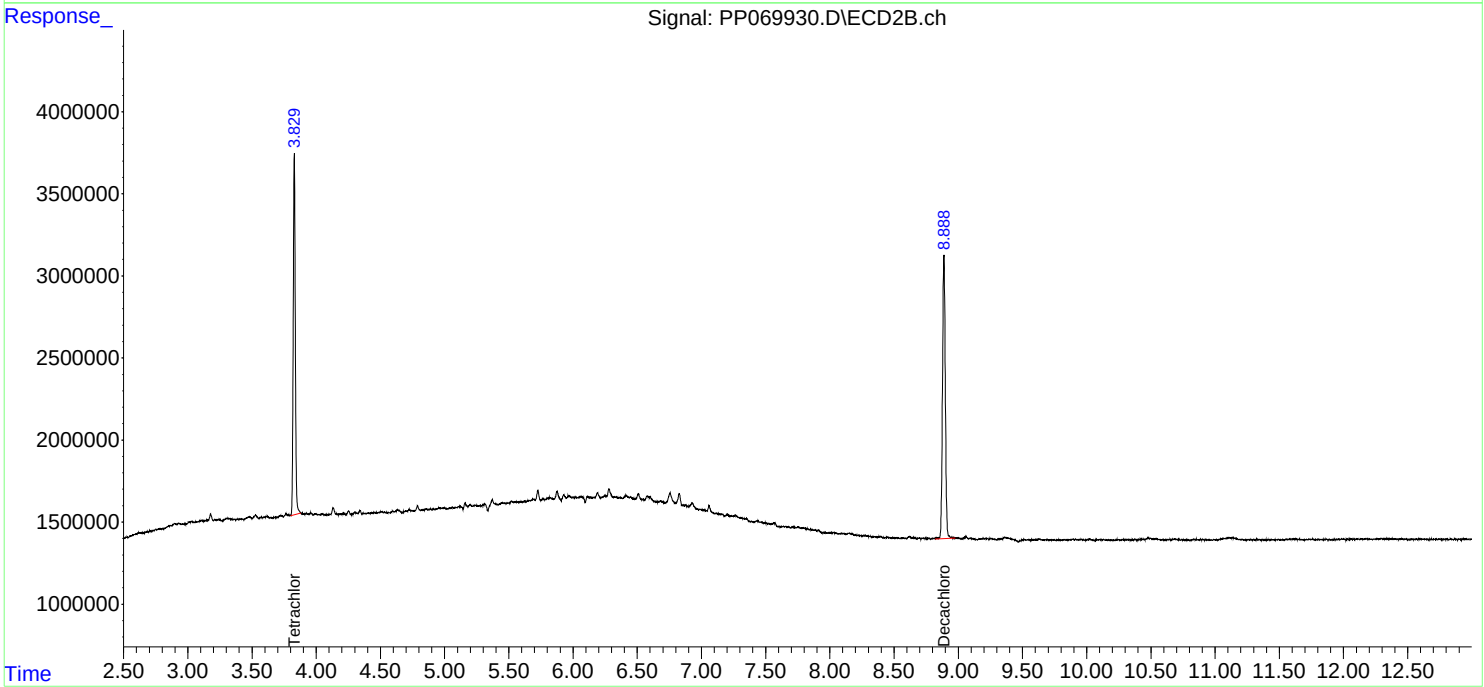
Manual Integrations APPROVED

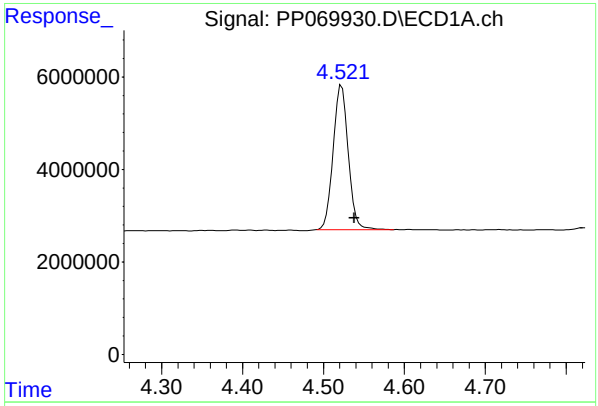
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:54:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







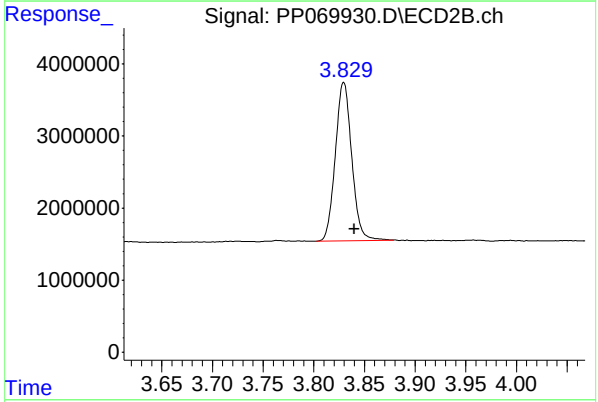
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 mi
Response: 40598309
Conc: 28.36 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE

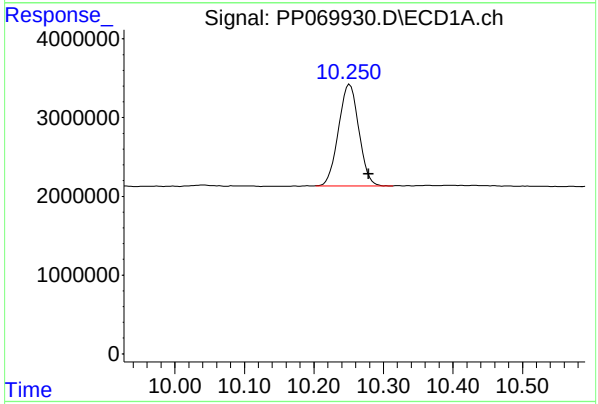
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



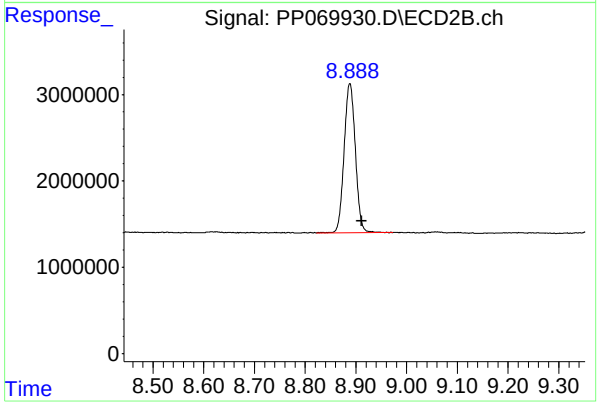
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24795924
Conc: 27.78 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 26213438
Conc: 23.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26681553
Conc: 23.86 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-05-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92 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
PP069945.D	1	02/19/25 08:10	02/21/25 00:59	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.8		44 - 130		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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\PP022025\
Data File : PP069945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:59
Operator : YP\AJ
Sample : Q1382-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:59:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.829	36898216	22541875	25.776	25.256m
2)	SA Decachlor...	10.253	8.888	25546765	25430992	23.375	22.737
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:59
Operator : YP\AJ
Sample : Q1382-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

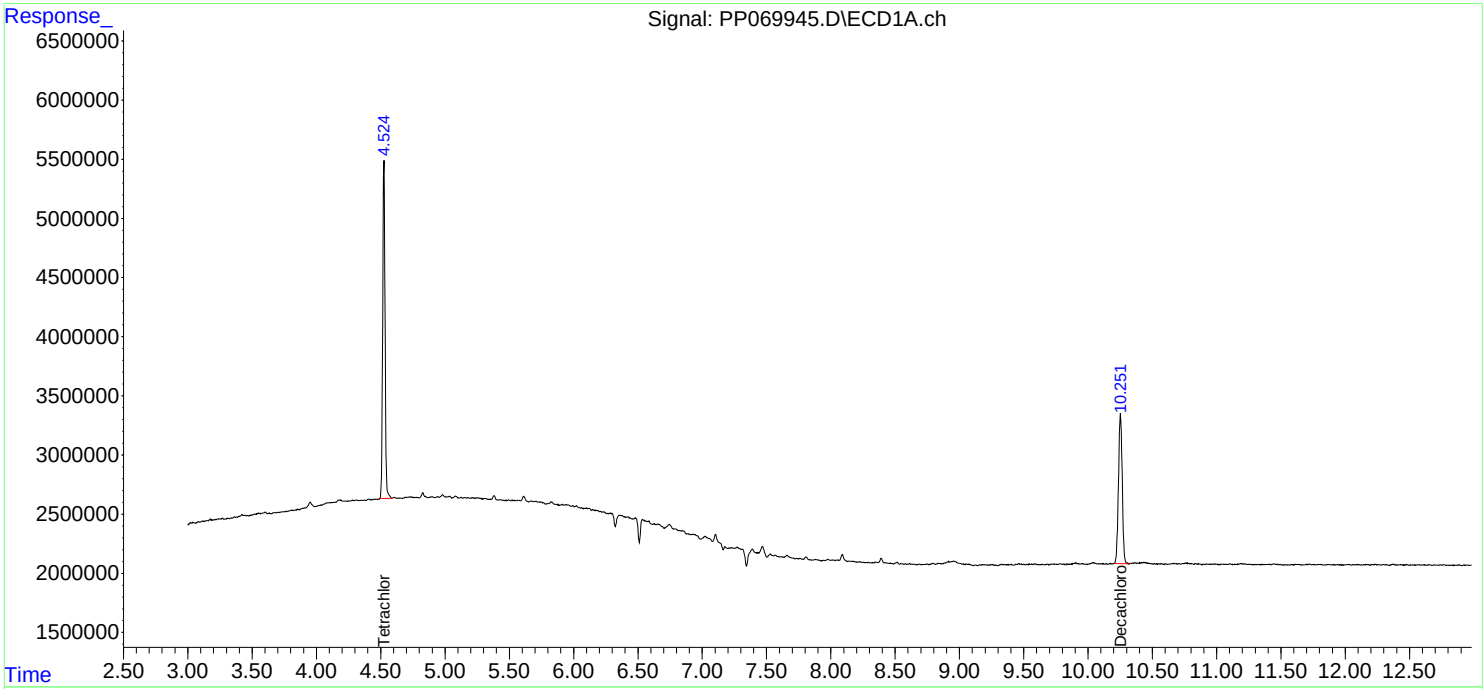
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725

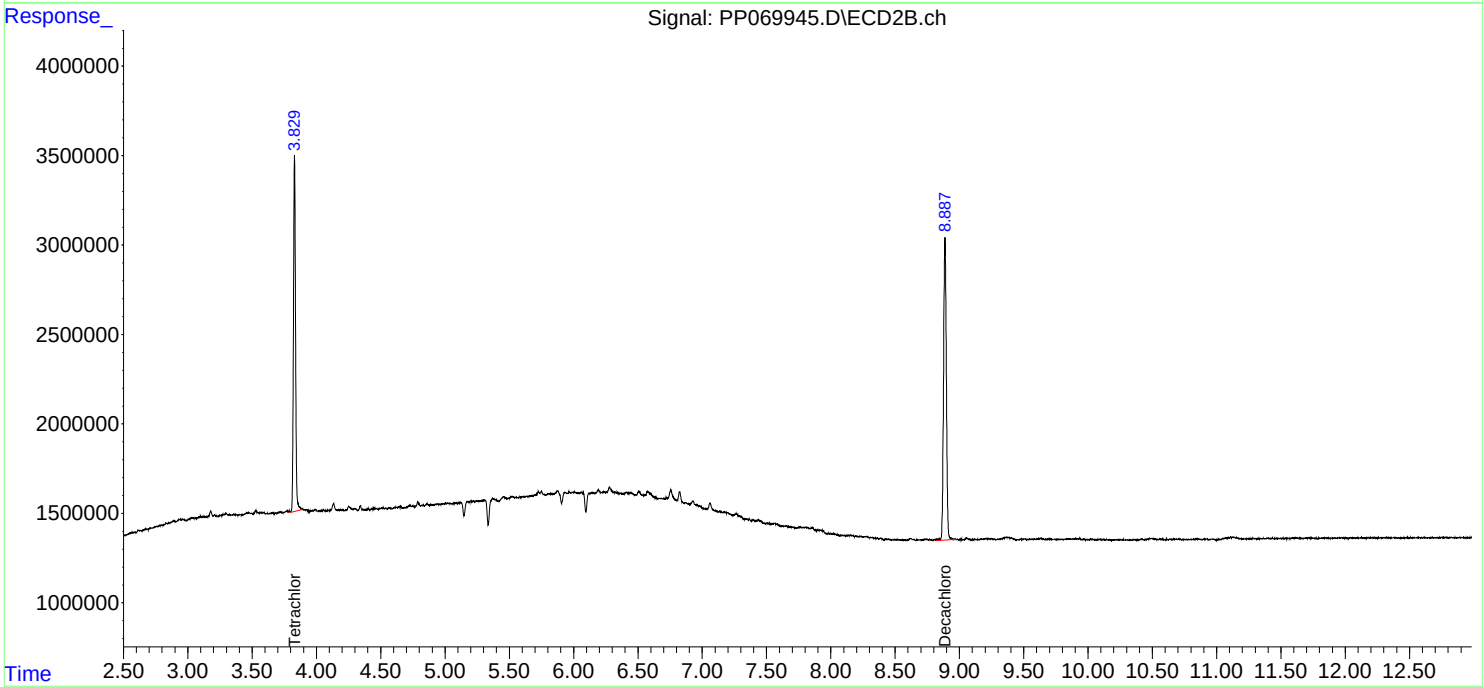
Manual Integrations APPROVED

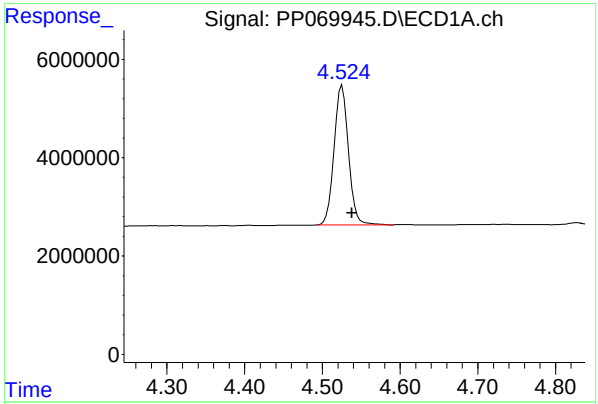
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:59:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







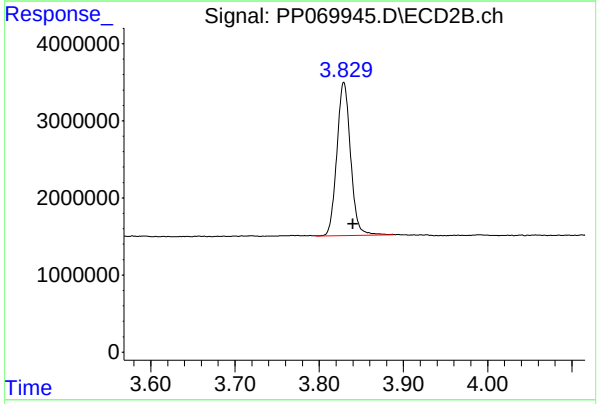
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 mi
Response: 36898216
Conc: 25.78 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725

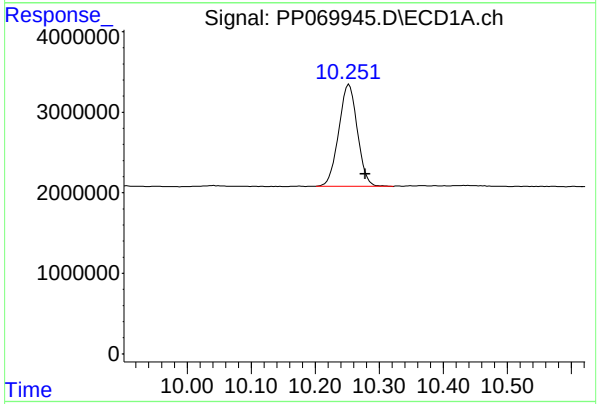
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



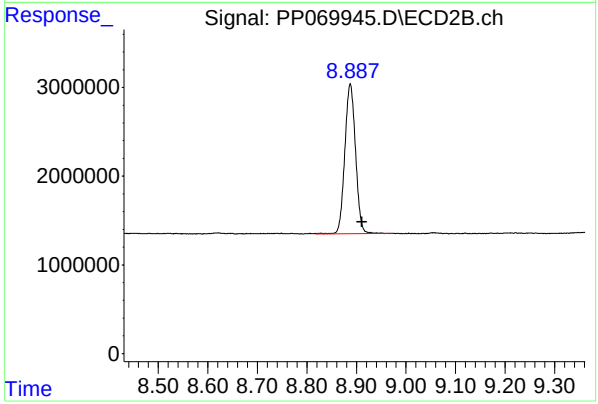
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22541875
Conc: 25.26 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 25546765
Conc: 23.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 25430992
Conc: 22.74 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 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
PP069851.D	1	02/19/25 08:10	02/19/25 17:52	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	21.5		3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		138%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 125		115%	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\PP021925\
Data File : PP069851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:52
Operator : YP\AJ
Sample : Q1382-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	38716836	24544850	27.047	27.500m
2)	SA Decachlor...	10.249	8.887	25206140	24759513	23.064	22.137
	Target Compounds						
26)	L6 AR-1254-1	6.525	5.727	2330617	2987396	40.278m	54.261 #
27)	L6 AR-1254-2	6.742	5.876	4539867	3084505	56.577	63.771
28)	L6 AR-1254-3	7.105	6.281	4008358	4078144	47.555	53.733m
29)	L6 AR-1254-4	7.387	6.510	3752023	3717242	55.025	72.532 #
30)	L6 AR-1254-5	7.802	6.928	3191557	3543535	46.903m	53.238

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:52
Operator : YP\AJ
Sample : Q1382-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

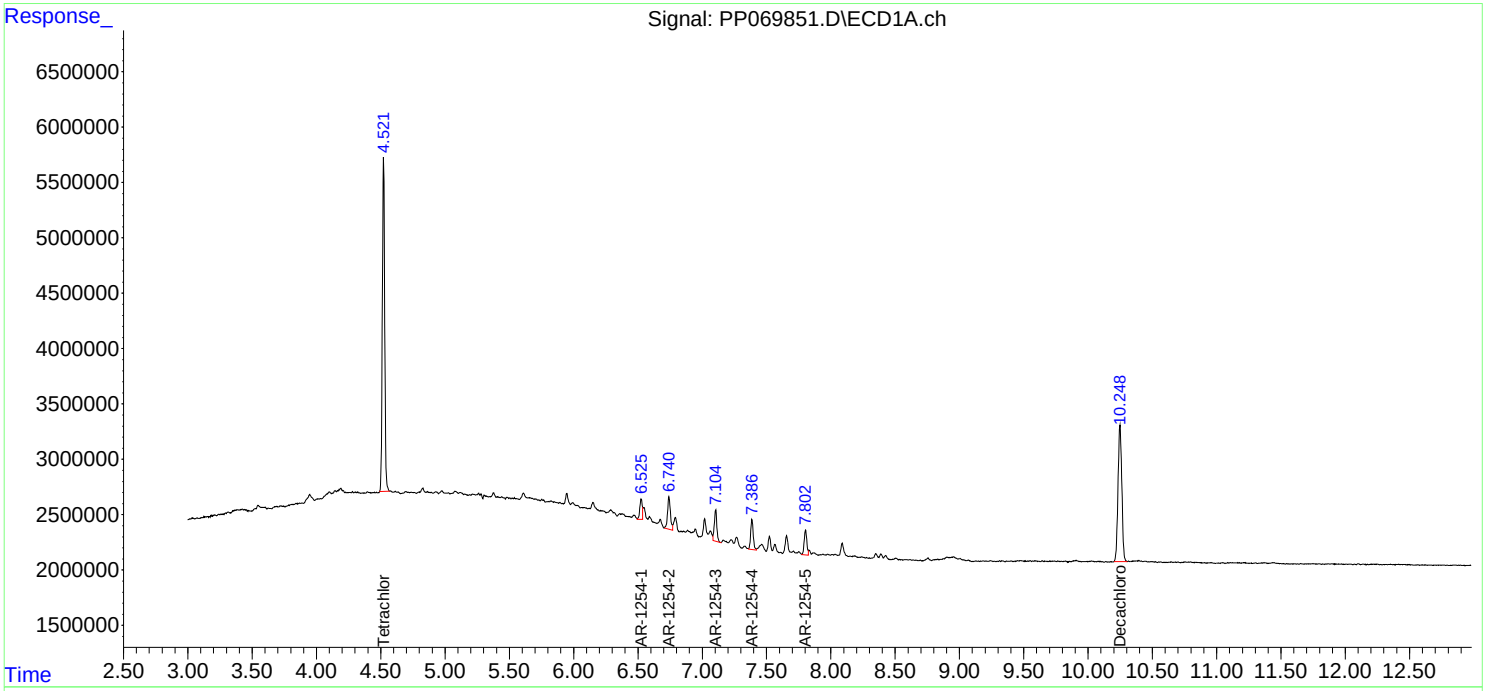
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

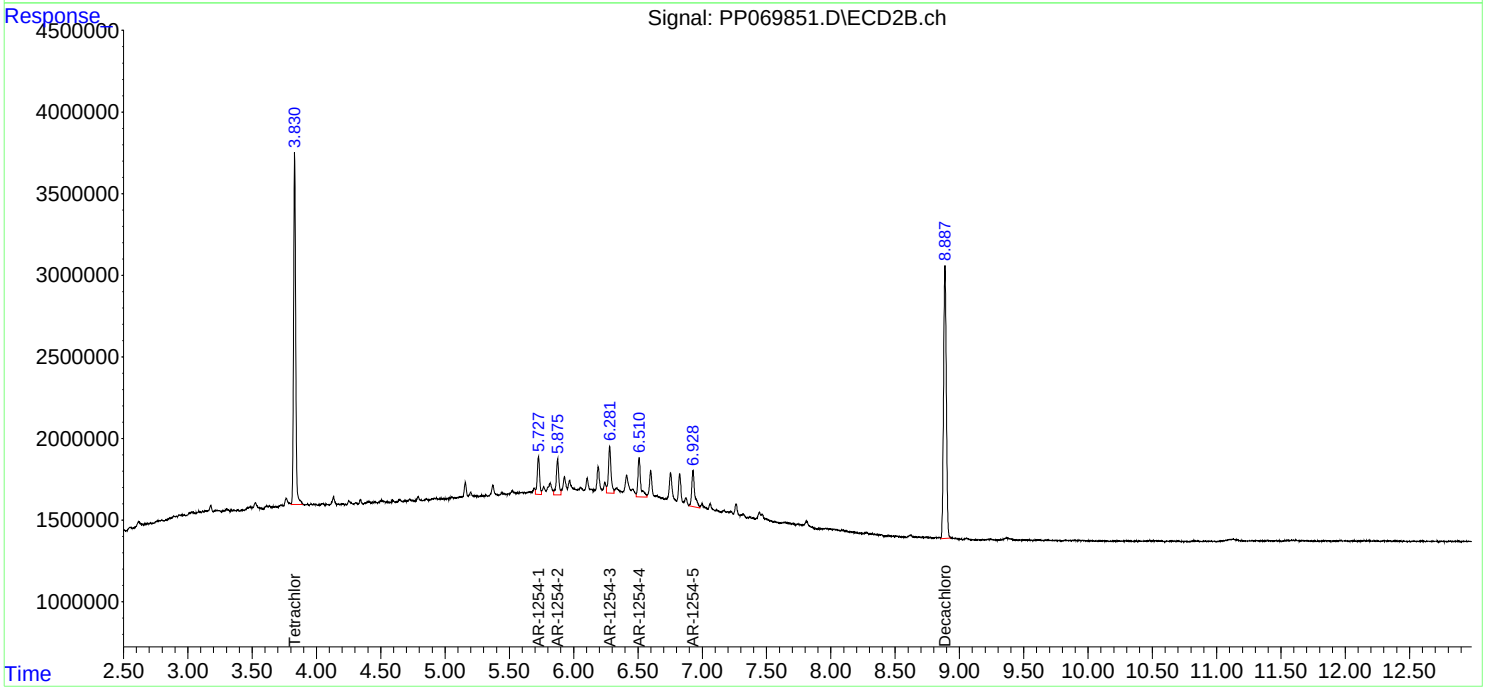
Manual Integrations APPROVED

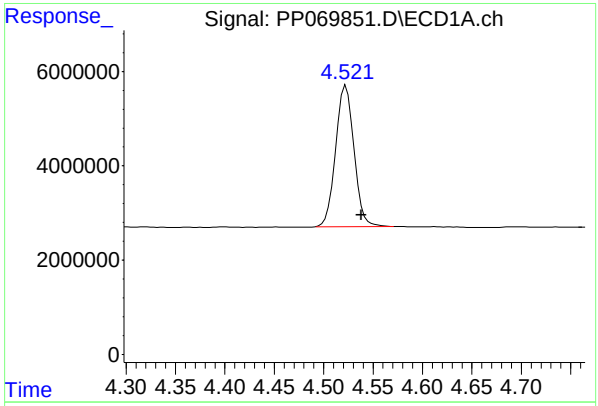
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







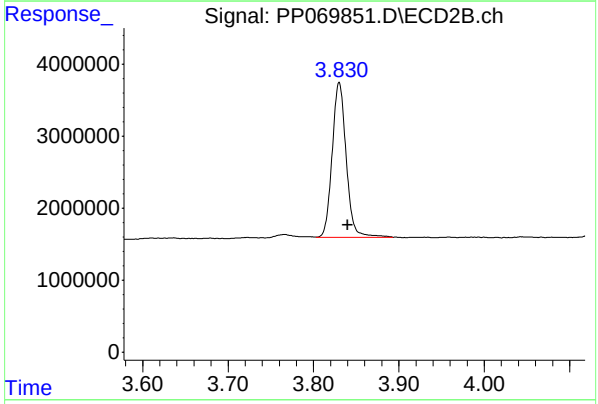
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 38716836
Conc: 27.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

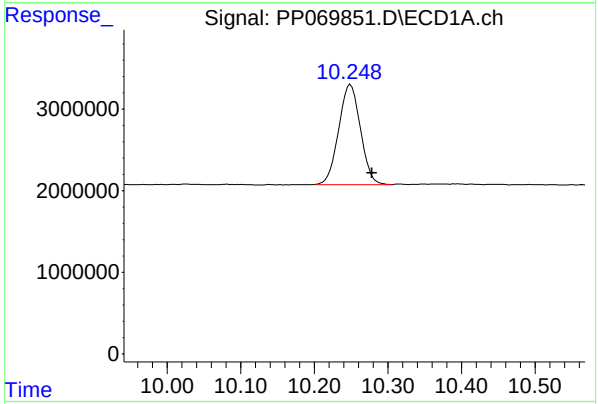
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



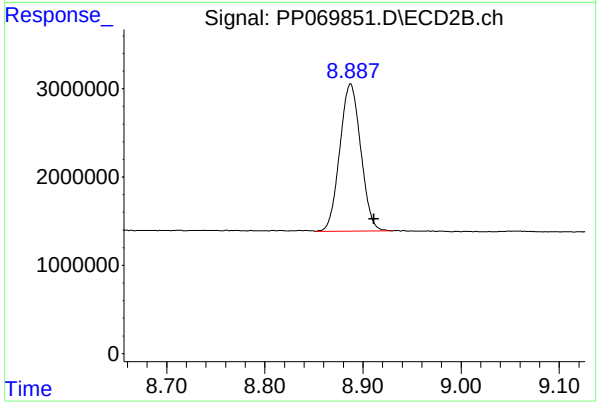
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 24544850
Conc: 27.50 ng/ml m



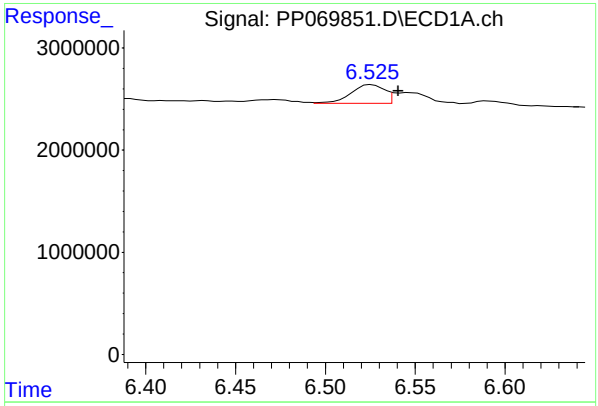
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.029 min
Response: 25206140
Conc: 23.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 24759513
Conc: 22.14 ng/ml



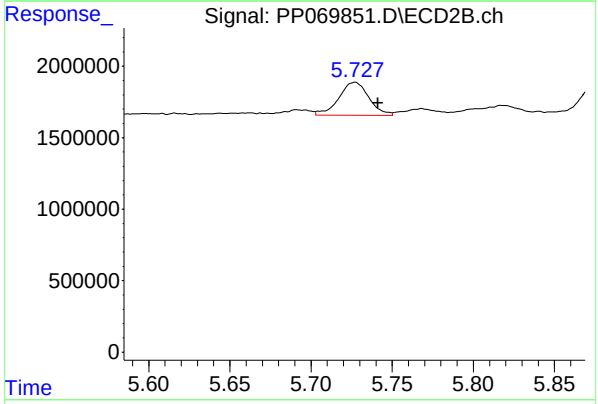
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.016 min
Response: 2330617
Conc: 40.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

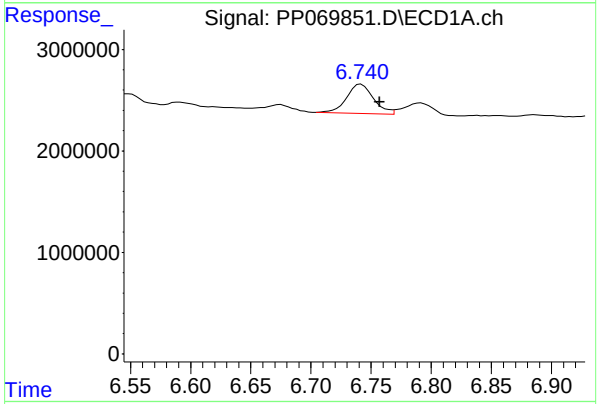
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



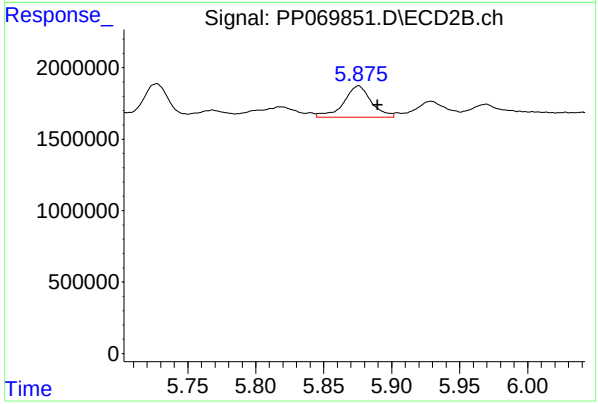
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 2987396
Conc: 54.26 ng/ml



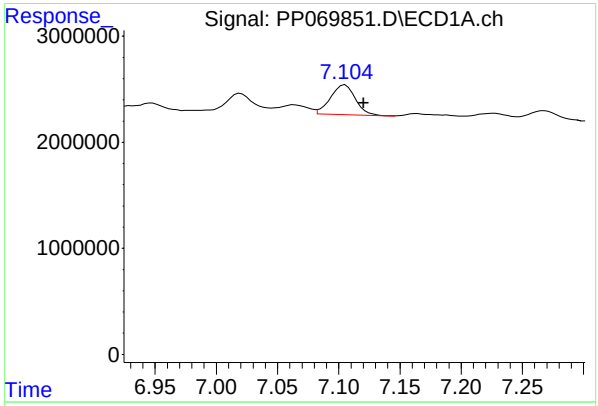
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.016 min
Response: 4539867
Conc: 56.58 ng/ml



#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 3084505
Conc: 63.77 ng/ml



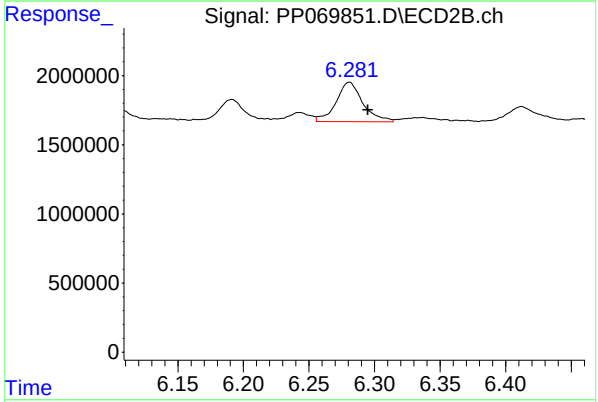
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 4008358
Conc: 47.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

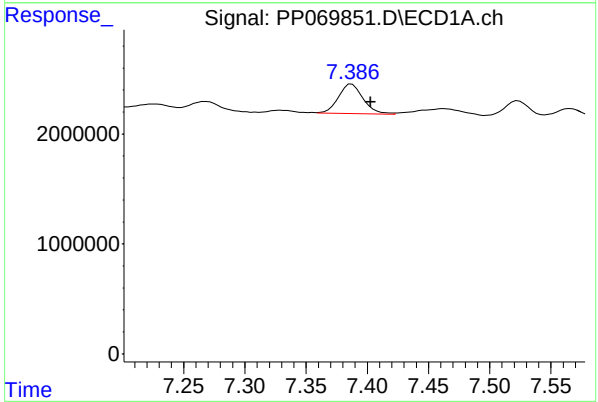
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



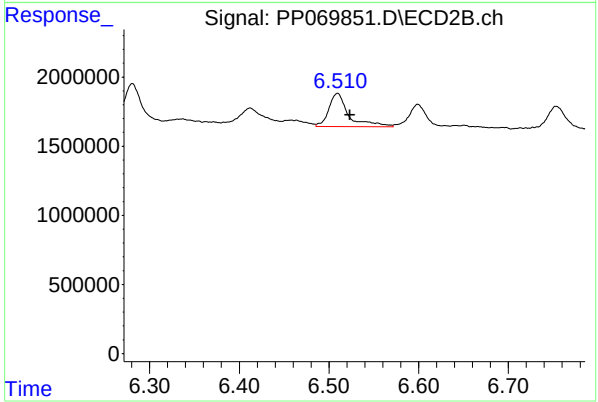
#28 AR-1254-3

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 4078144
Conc: 53.73 ng/ml m



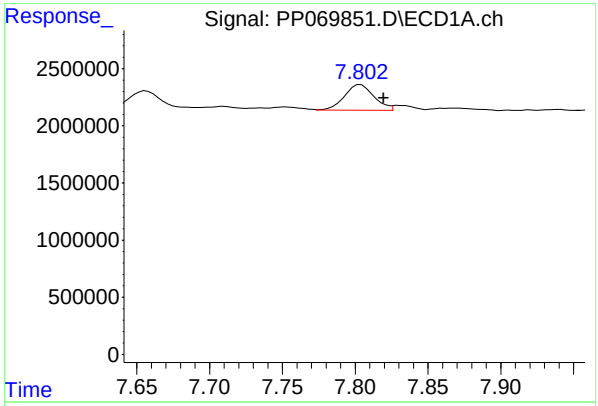
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.015 min
Response: 3752023
Conc: 55.02 ng/ml



#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 3717242
Conc: 72.53 ng/ml



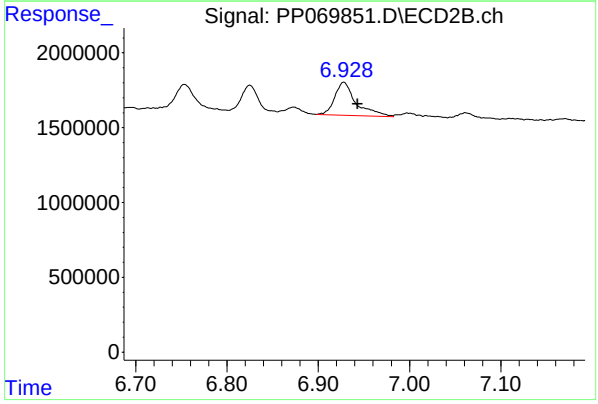
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.017 min
Response: 3191557
Conc: 46.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 3543535
Conc: 53.24 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-06-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-11RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 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
PP069931.D	1	02/19/25 08:10	02/20/25 20:50	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	18.2	J	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	28.8	*	44 - 130		144%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	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\PP022025\
Data File : PP069931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:50
Operator : YP\AJ
Sample : Q1382-11RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	41249656	24938906	28.816	27.942m
2)	SA Decachlor...	10.255	8.888	26098974	26665620	23.881	23.841
	Target Compounds						
26)	L6 AR-1254-1	6.530	5.726	1926608	2486505	33.296m	45.163m#
27)	L6 AR-1254-2	6.743	5.874	3607260	2464162	44.955m	50.945m
28)	L6 AR-1254-3	7.106	6.280	5626344	3614804	66.751m	47.628m#
29)	L6 AR-1254-4	7.389	6.508	4110413	2746706	60.281m	53.595m
30)	L6 AR-1254-5	7.807	6.927	2978860	3646813	43.777m	54.789 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:50
Operator : YP\AJ
Sample : Q1382-11RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

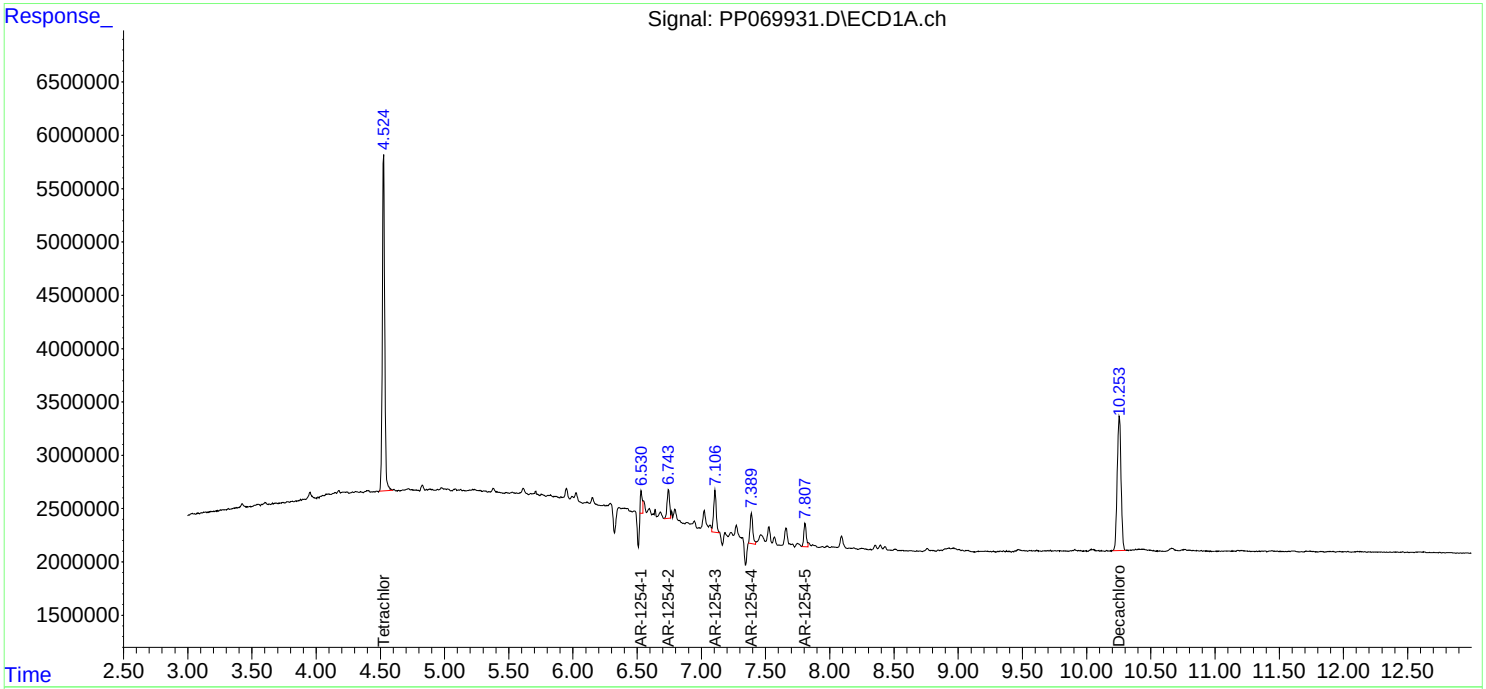
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

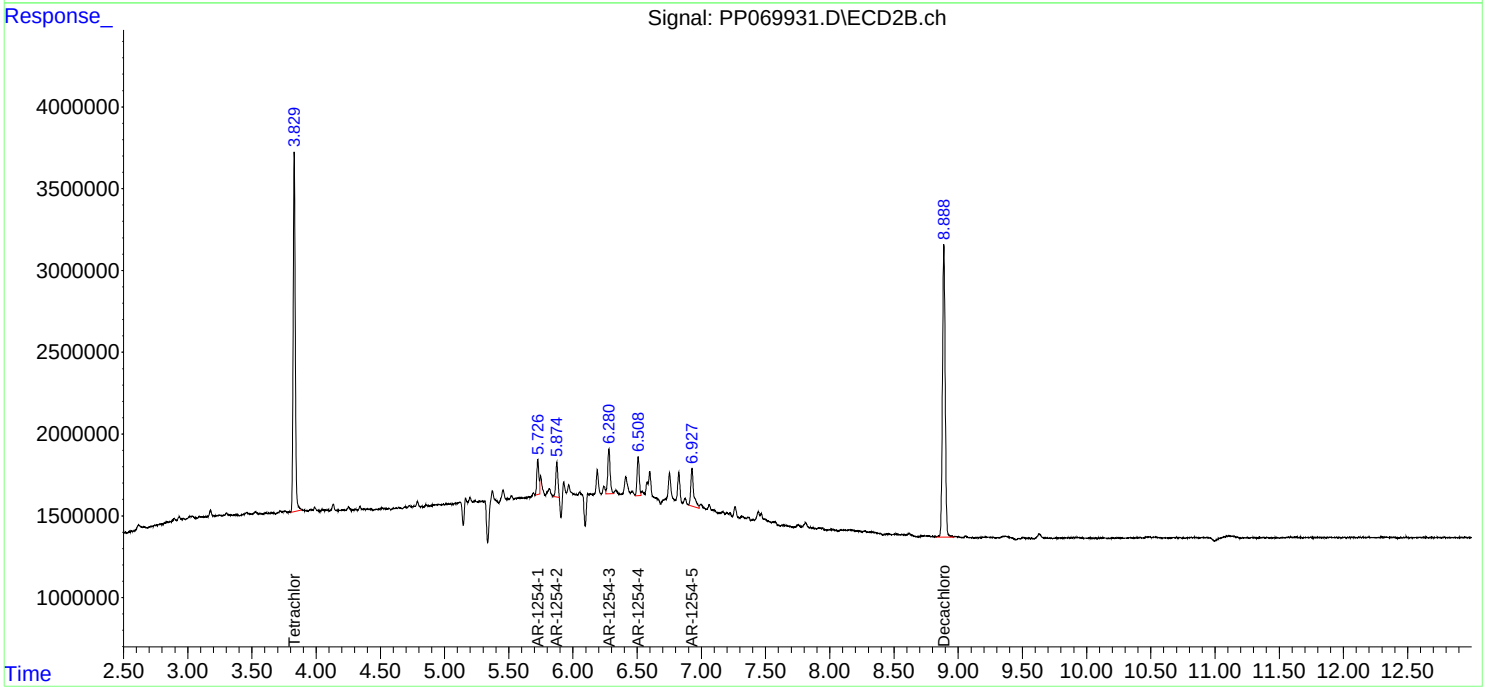
Manual Integrations APPROVED

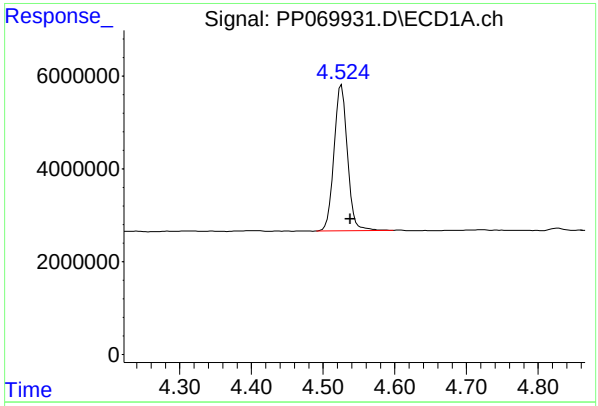
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







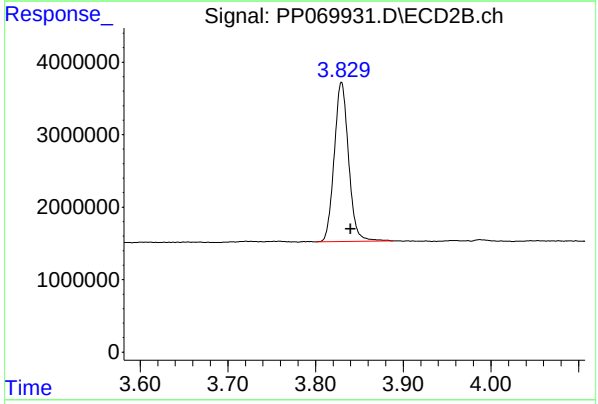
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 41249656
Conc: 28.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

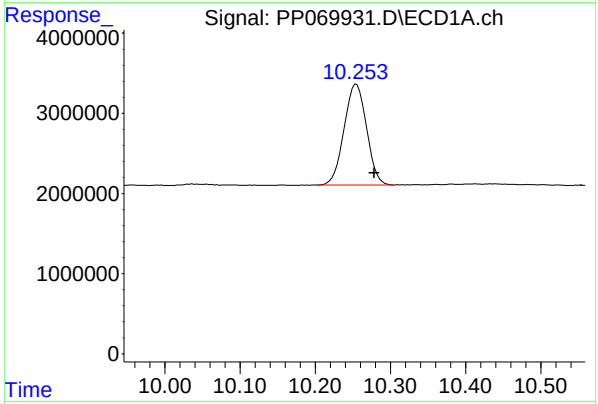
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



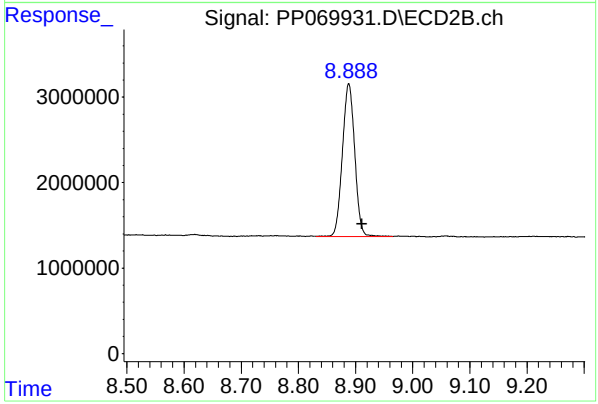
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24938906
Conc: 27.94 ng/ml m



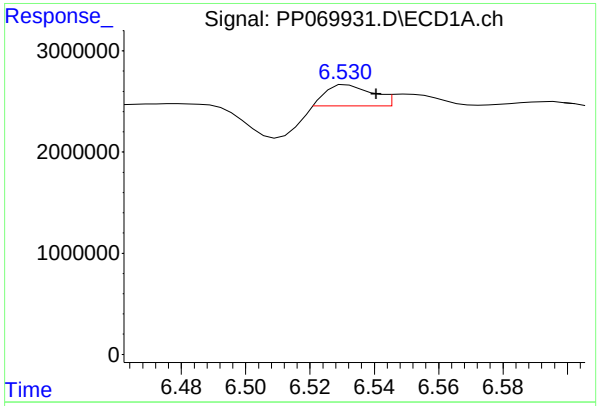
#2 Decachlorobiphenyl

R.T.: 10.255 min
Delta R.T.: -0.024 min
Response: 26098974
Conc: 23.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26665620
Conc: 23.84 ng/ml



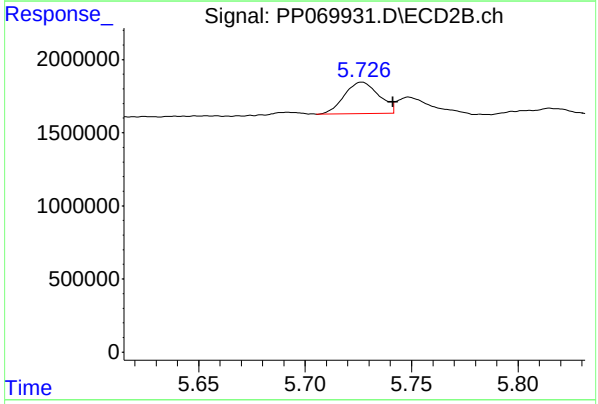
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 mi
Response: 1926608
Conc: 33.30 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

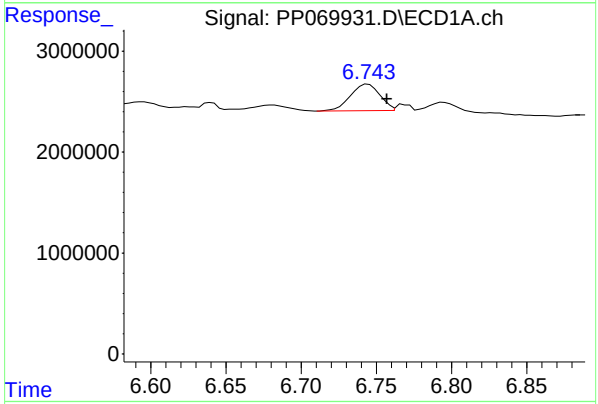
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



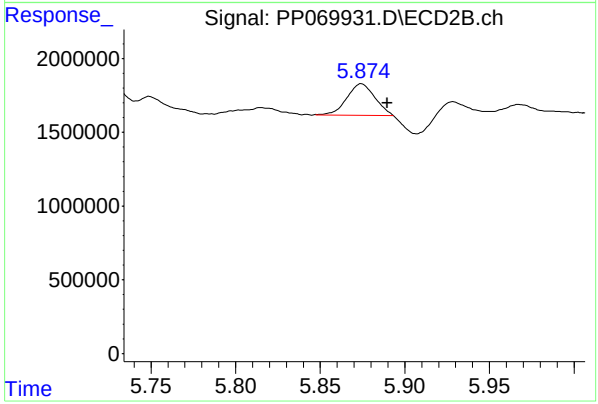
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 2486505
Conc: 45.16 ng/ml m



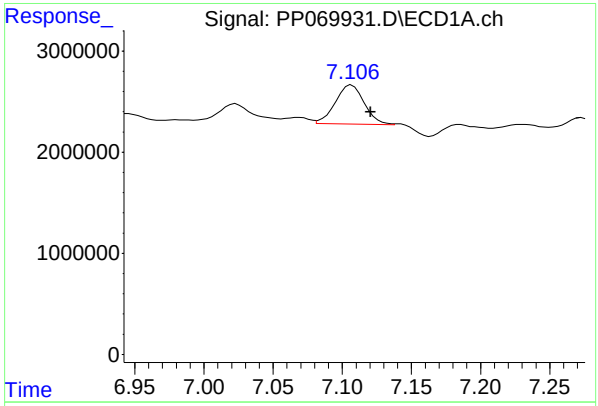
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 3607260
Conc: 44.95 ng/ml m



#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 2464162
Conc: 50.95 ng/ml m



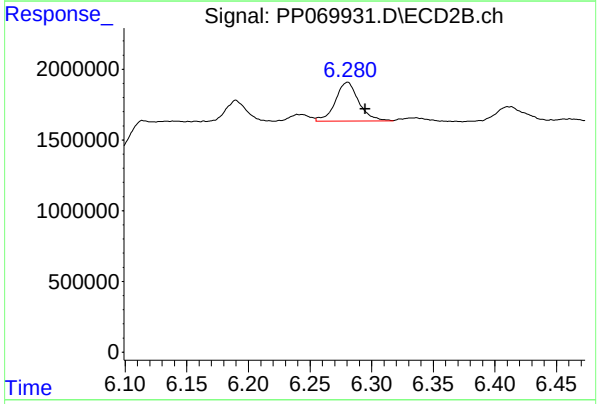
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.015 min
Response: 5626344
Conc: 66.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

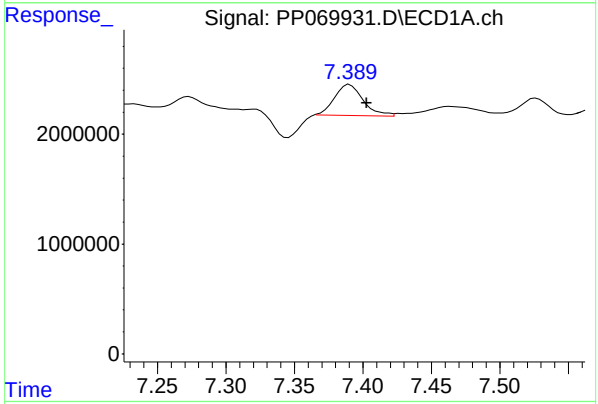
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



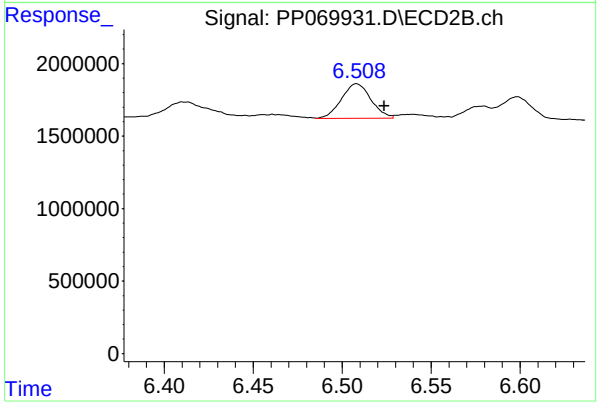
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 3614804
Conc: 47.63 ng/ml m



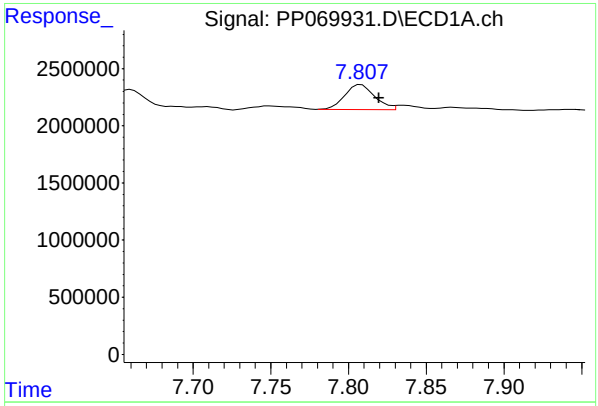
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 4110413
Conc: 60.28 ng/ml m



#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.016 min
Response: 2746706
Conc: 53.59 ng/ml m



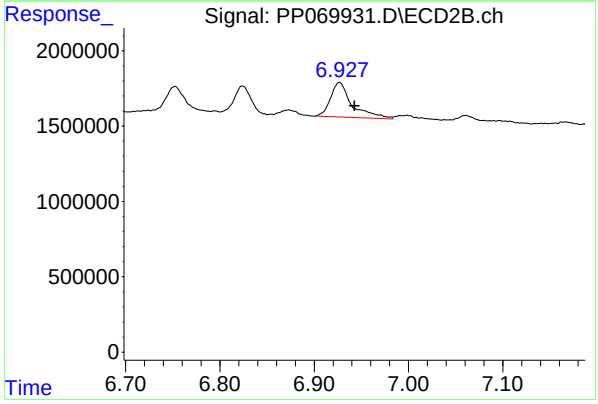
#30 AR-1254-5

R.T.: 7.807 min
Delta R.T.: -0.013 min
Response: 2978860
Conc: 43.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 3646813
Conc: 54.79 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-07-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 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
PP069852.D	1	02/19/25 08:10	02/19/25 18:08	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	43.2		3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.8	*	44 - 130		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	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\PP021925\
Data File : PP069852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:08
Operator : YP\AJ
Sample : Q1382-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.829	38285841	22219838	26.746	24.895m
2)	SA Decachlor...	10.253	8.887	25515164	25982285	23.346	23.230
	Target Compounds						
26)	L6 AR-1254-1	6.531	5.727	7405247	6683487	127.977	121.395
27)	L6 AR-1254-2	6.747	5.875	9705393	6775361	120.952	140.077
28)	L6 AR-1254-3	7.109	6.280	9830034	8214489	116.624	108.233m
29)	L6 AR-1254-4	7.392	6.508	8381645	5968749	122.920	116.464m
30)	L6 AR-1254-5	7.809	6.928	7460332	6842361	109.636	102.799

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

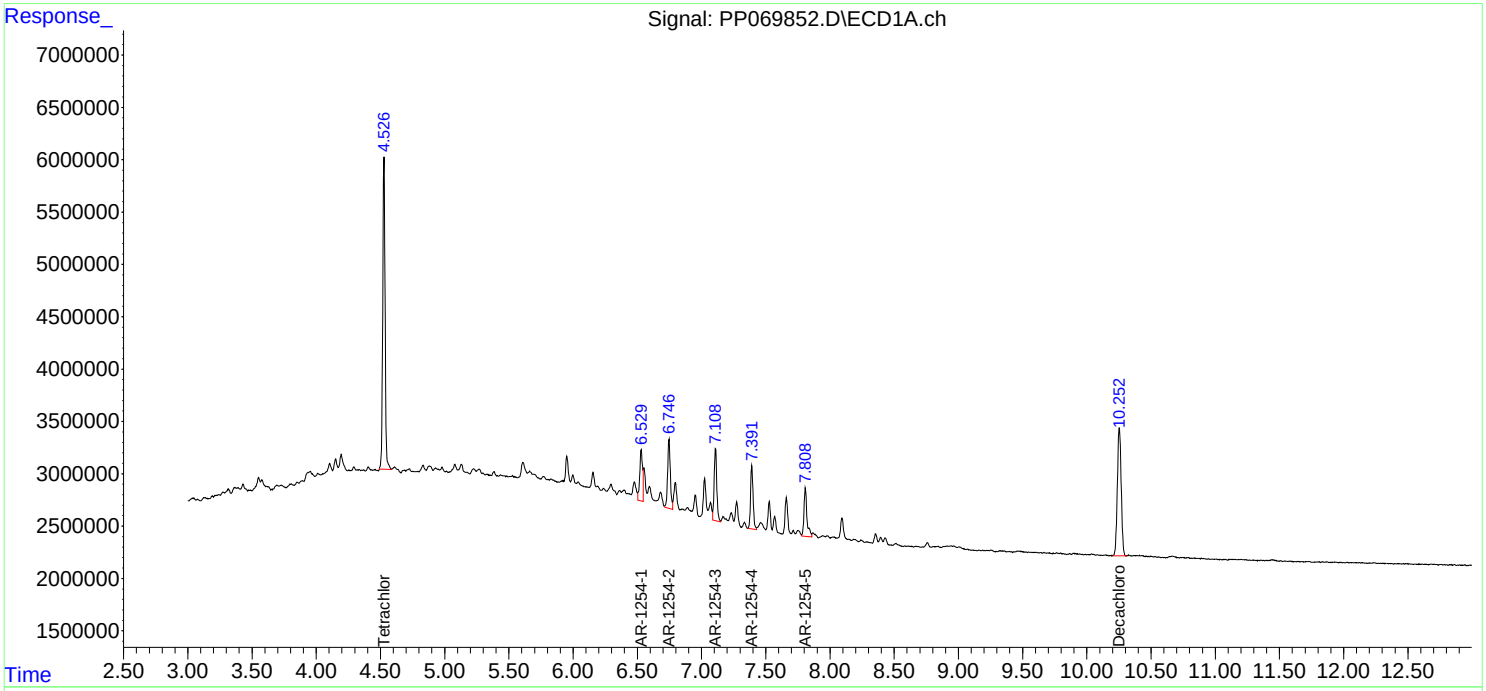
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:08
Operator : YP\AJ
Sample : Q1382-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

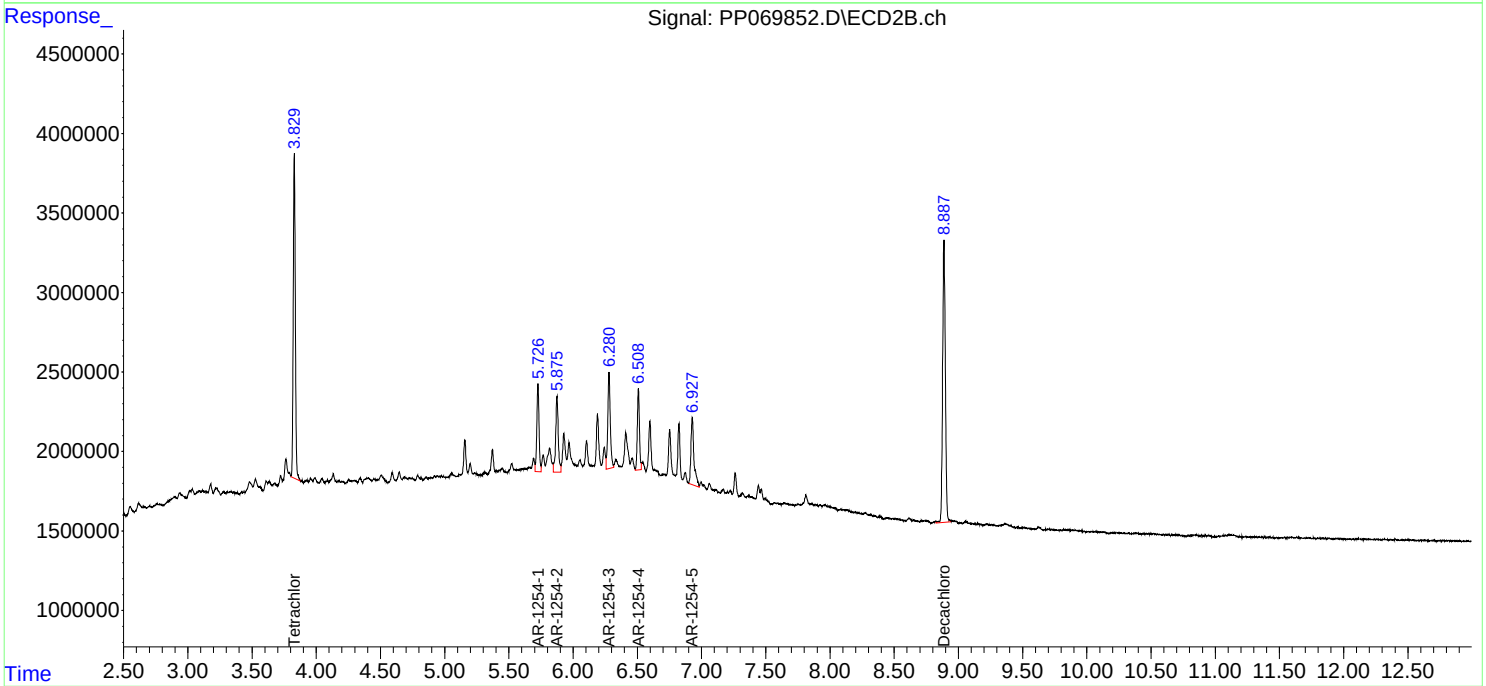
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

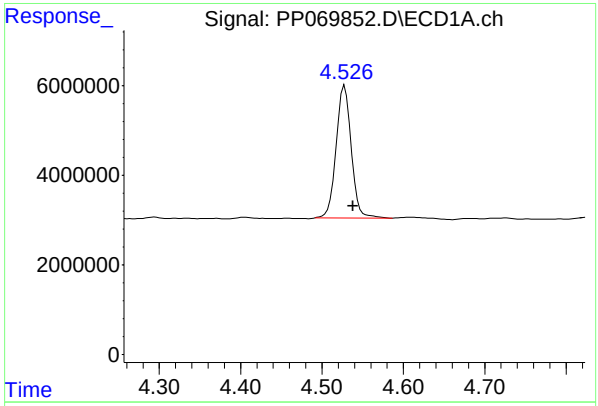
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







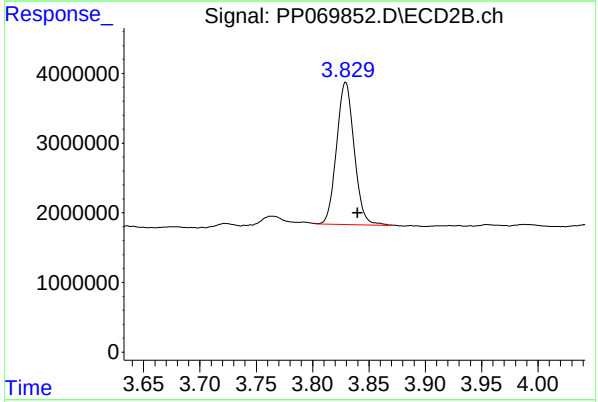
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 mi
Response: 38285841
Conc: 26.75 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

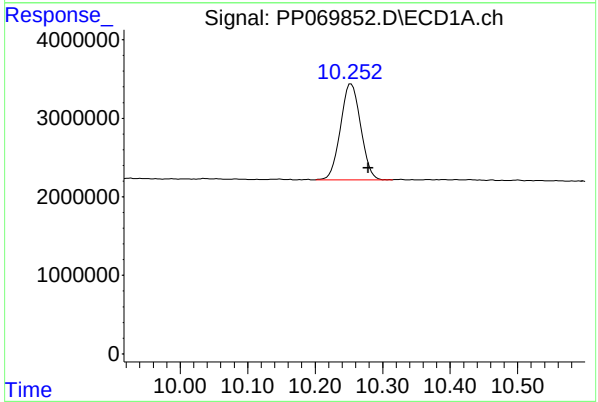
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



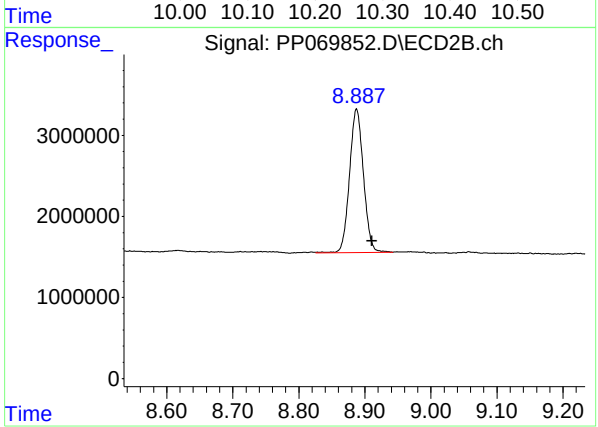
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22219838
Conc: 24.90 ng/ml m



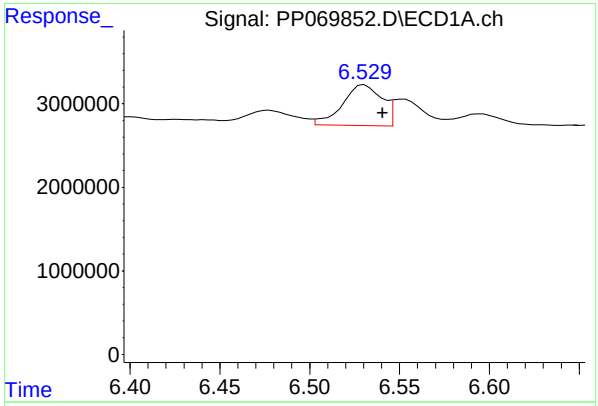
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 25515164
Conc: 23.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25982285
Conc: 23.23 ng/ml



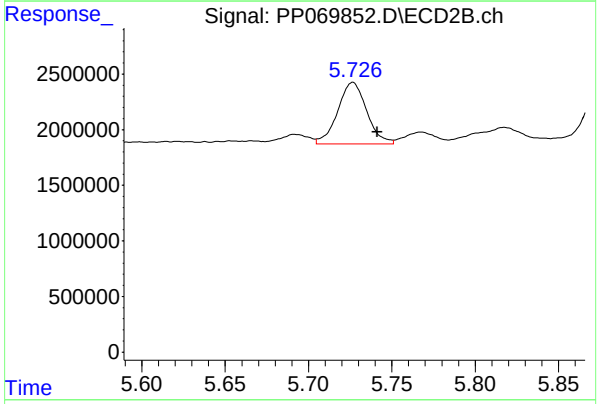
#26 AR-1254-1

R.T.: 6.531 min
Delta R.T.: -0.010 min
Response: 7405247
Conc: 127.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

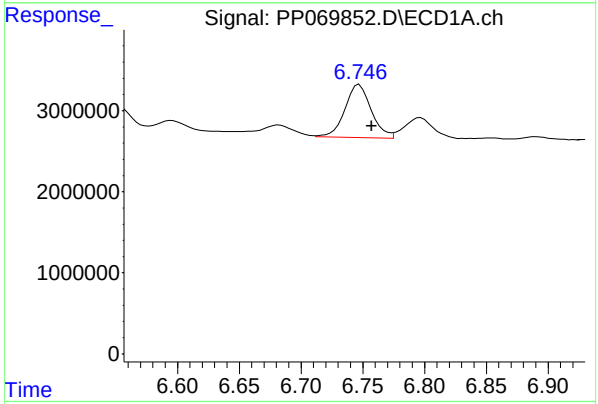
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



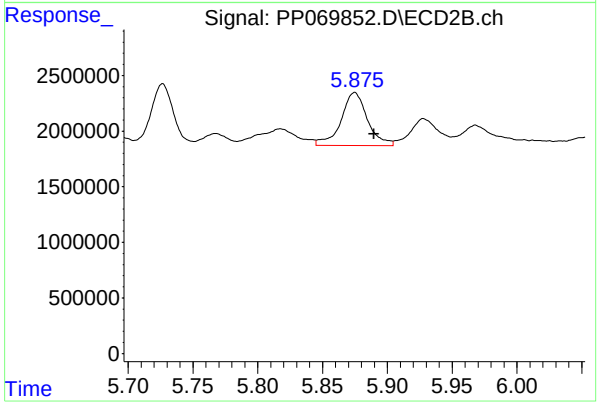
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 6683487
Conc: 121.39 ng/ml



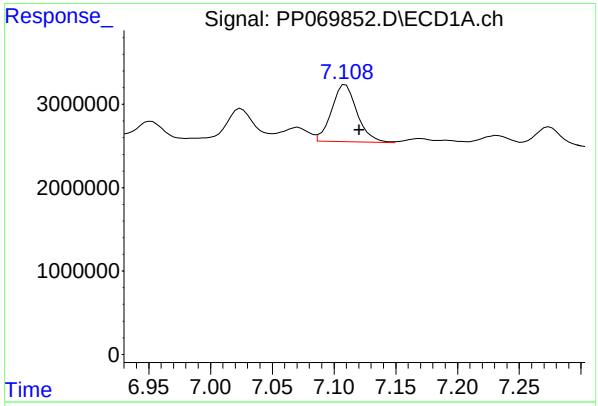
#27 AR-1254-2

R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 9705393
Conc: 120.95 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 6775361
Conc: 140.08 ng/ml



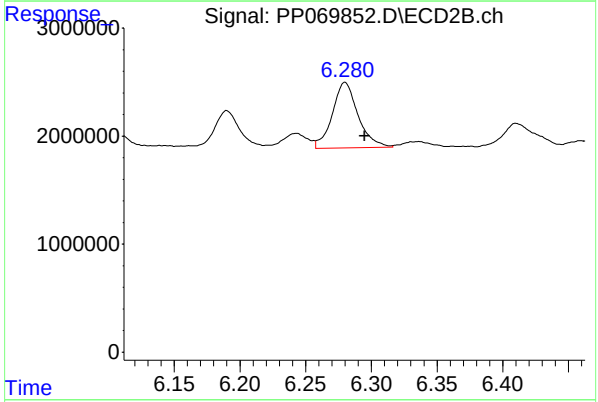
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 mi
Response: 9830034
Conc: 116.62 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

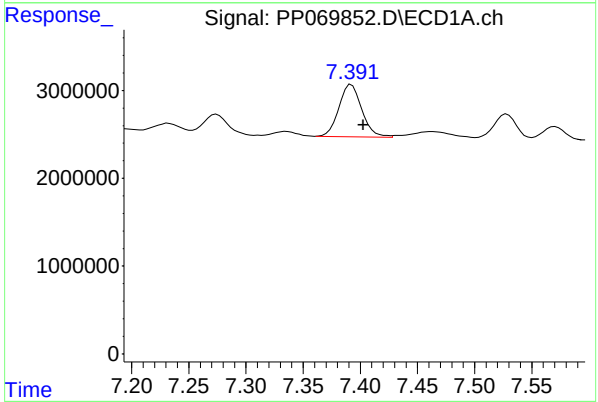
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



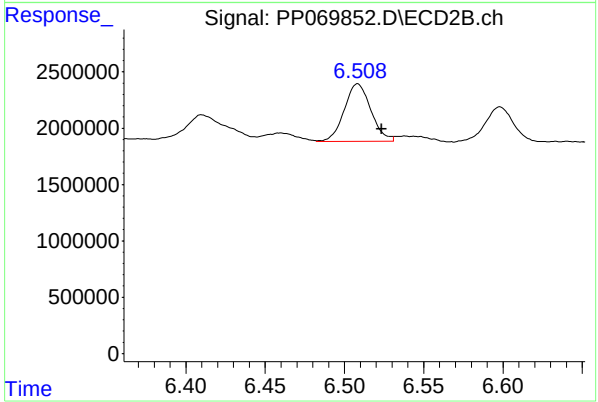
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 8214489
Conc: 108.23 ng/ml m



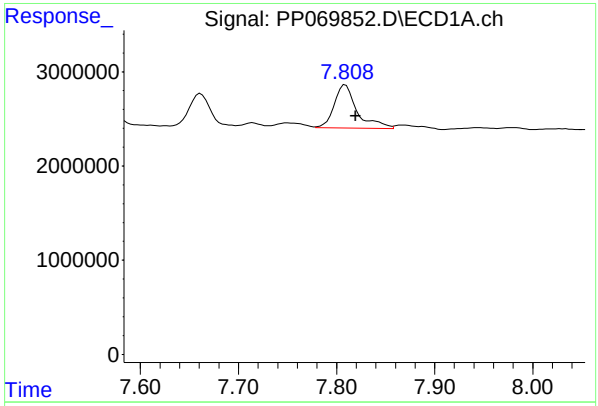
#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 8381645
Conc: 122.92 ng/ml



#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 5968749
Conc: 116.46 ng/ml m



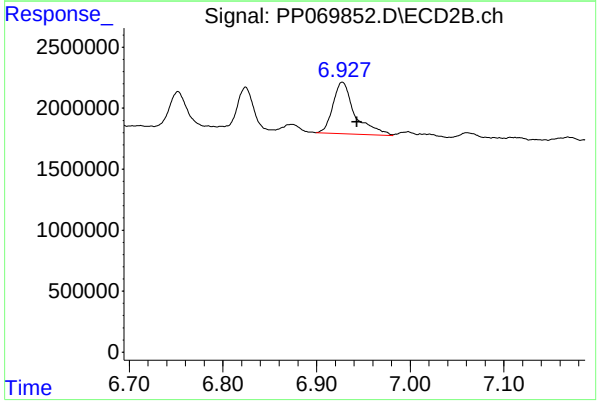
#30 AR-1254-5

R.T.: 7.809 min
Delta R.T.: -0.011 min
Response: 7460332
Conc: 109.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.016 min
Response: 6842361
Conc: 102.80 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-08-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.6 Decanted:
Sample Wt/Vol:	30.06 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
PP069853.D	1	02/19/25 08:10	02/19/25 18:24	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.70	8.90	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.70	8.90	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.3		44 - 130		126%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:24
Operator : YP\AJ
Sample : Q1382-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	36201481	21956342	25.290	24.600m
2)	SA Decachlor...	10.251	8.888	21587474	22015312	19.752	19.683
	Target Compounds						

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

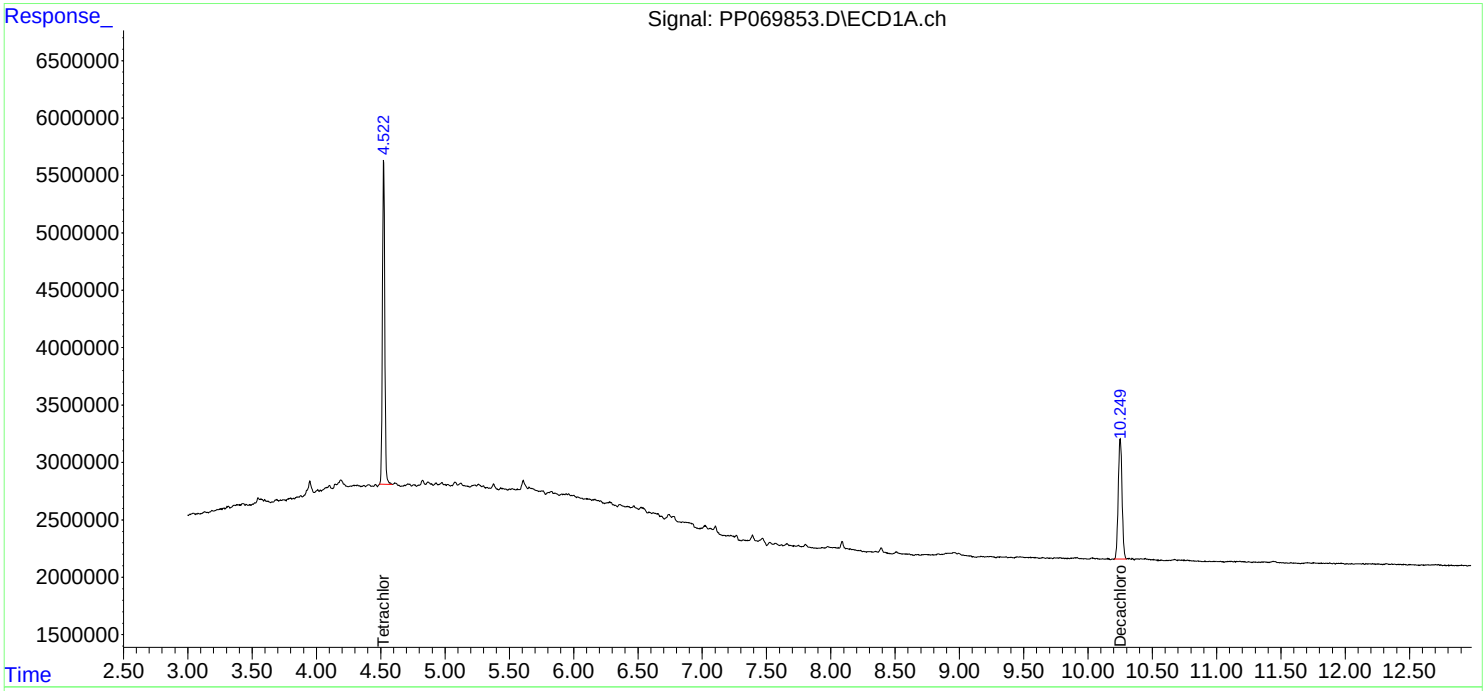
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:24
Operator : YP\AJ
Sample : Q1382-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

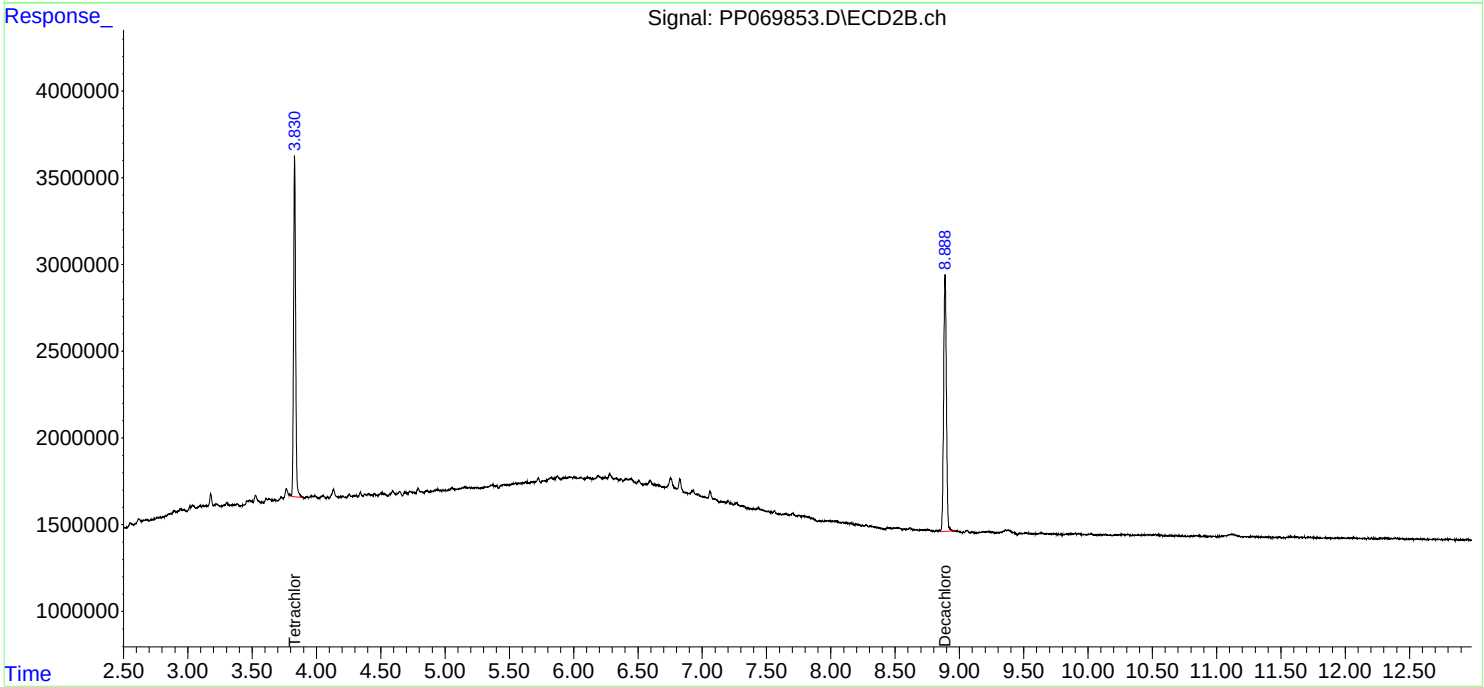
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725

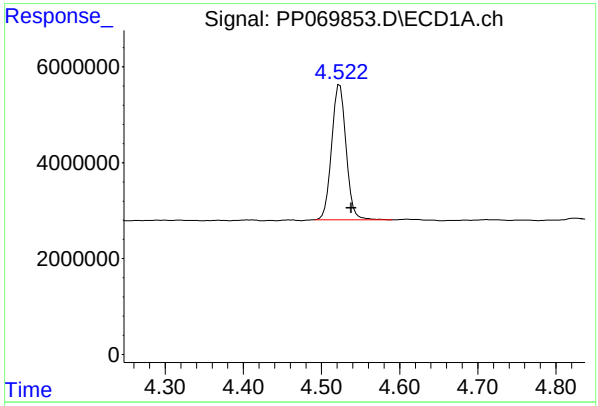
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







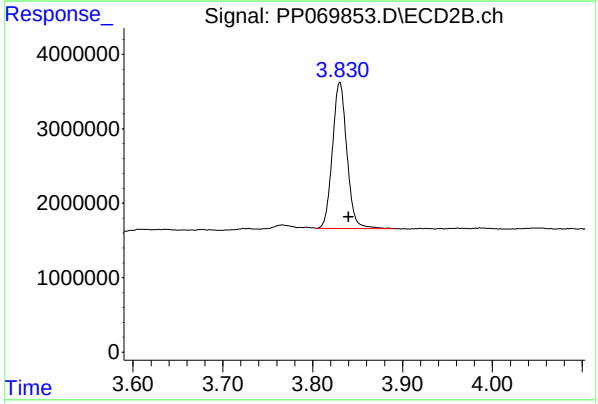
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36201481
Conc: 25.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725

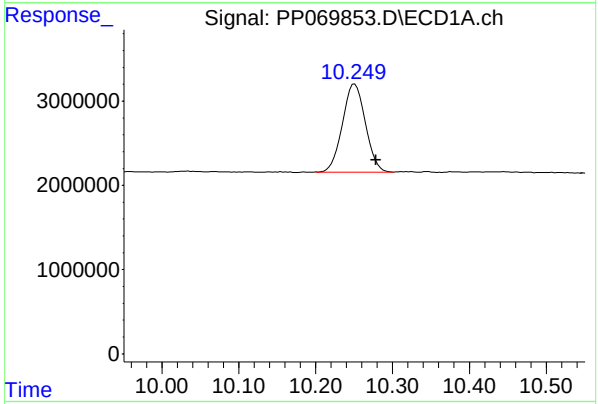
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



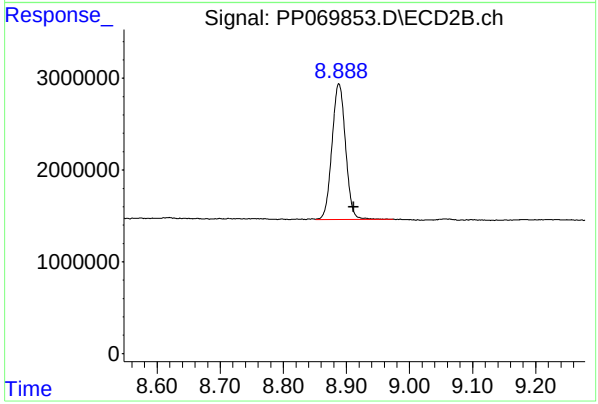
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21956342
Conc: 24.60 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.028 min
Response: 21587474
Conc: 19.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 22015312
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:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-09-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-17	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.6 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
PP069854.D	1	02/19/25 08:10	02/19/25 18:40	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.4		44 - 130		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		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_P\Data\PP021925\
Data File : PP069854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:40
Operator : YP\AJ
Sample : Q1382-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	34729947	21791333	24.262	24.415m
2)	SA Decachlor...	10.253	8.888	21825769	22779523	19.971	20.366
	Target Compounds						

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

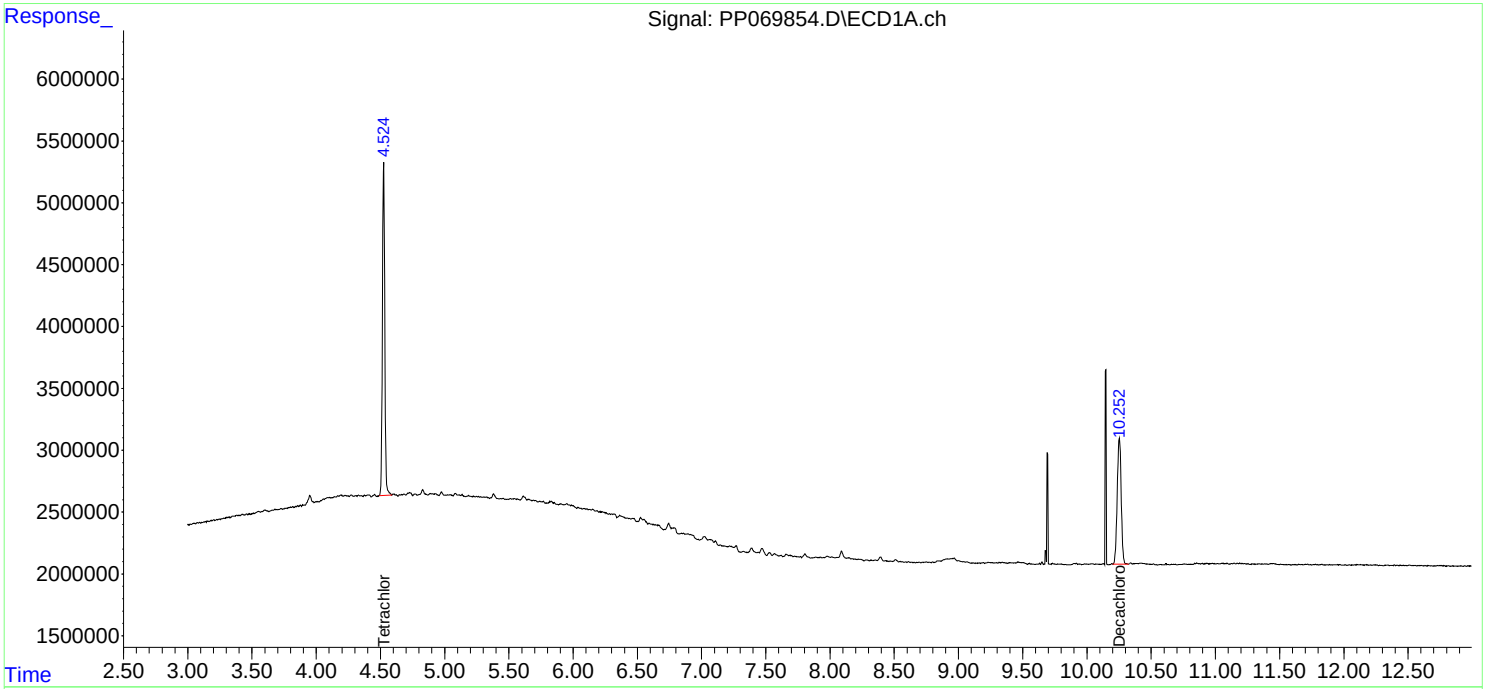
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:40
Operator : YP\AJ
Sample : Q1382-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

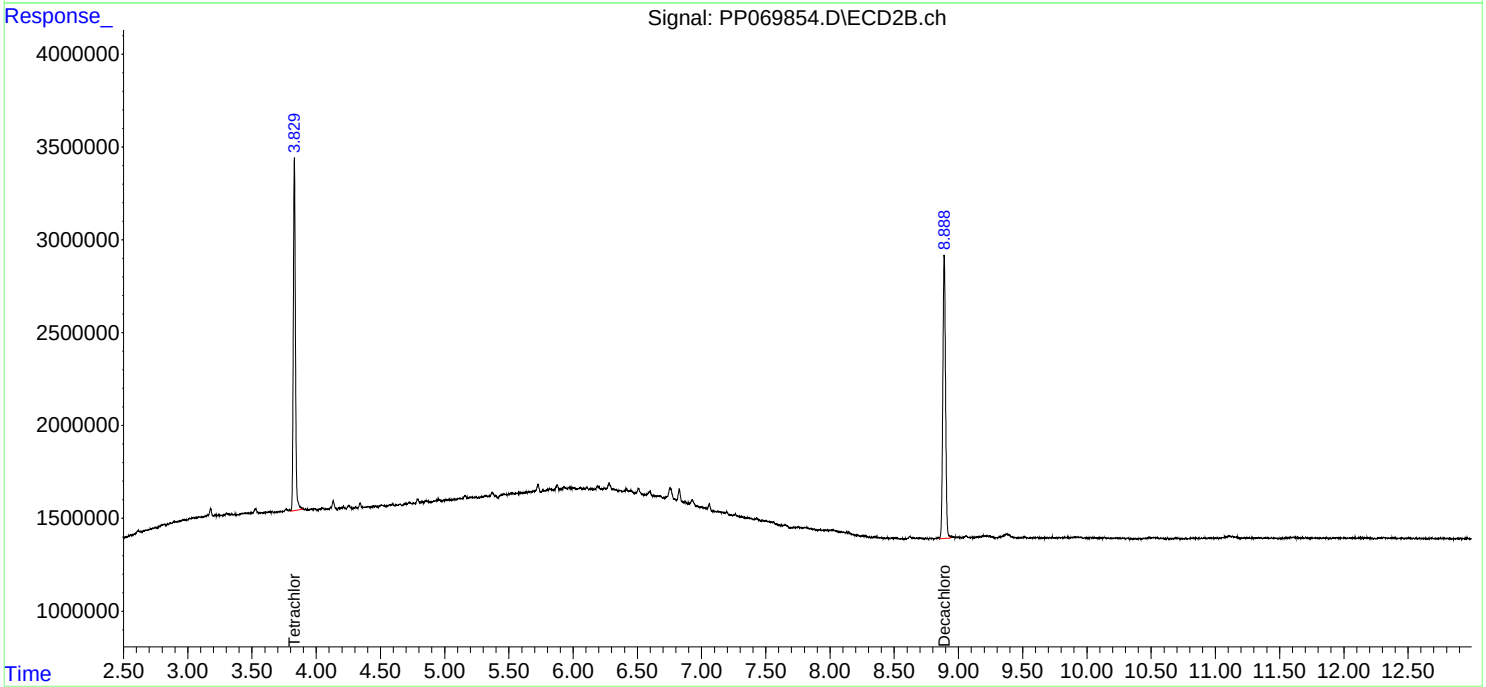
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725

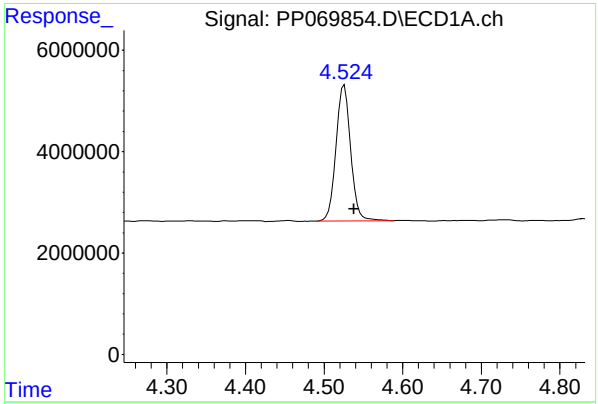
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:26:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







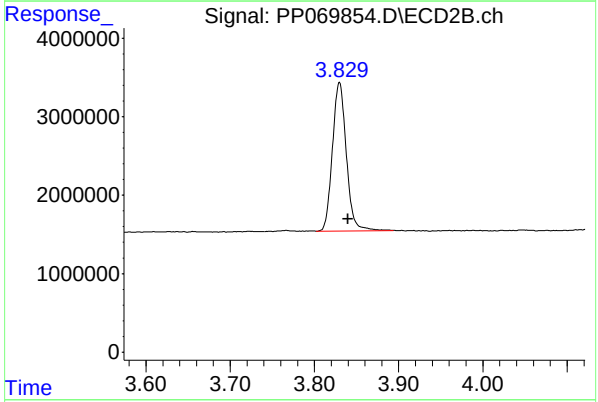
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 34729947
Conc: 24.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725

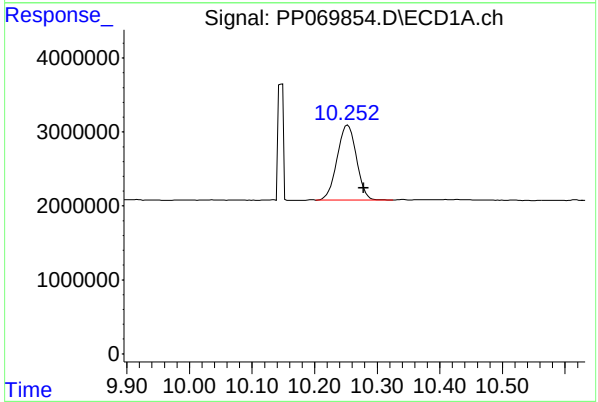
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



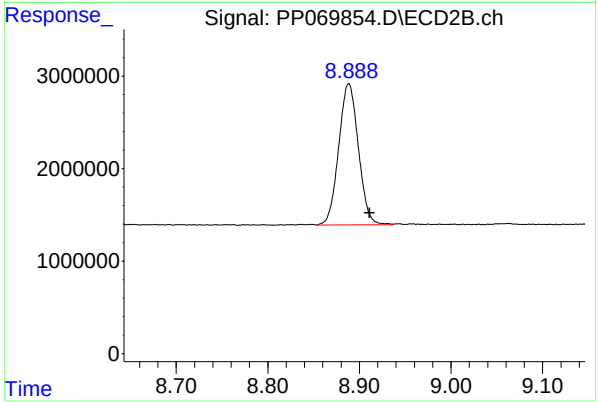
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21791333
Conc: 24.41 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 21825769
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 22779523
Conc: 20.37 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725	SDG No.:	Q1382
Lab Sample ID:	Q1382-19	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.07 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
PP069855.D	1	02/19/25 08:10	02/19/25 18:57	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.60	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.2	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.2	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.1	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.7		60 - 125		118%	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\PP021925\
Data File : PP069855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:57
Operator : YP\AJ
Sample : Q1382-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	38820797	24068164	27.119	26.966m
2)	SA Decachlor...	10.249	8.889	25890675	24687478	23.690	22.072
	Target Compounds						

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

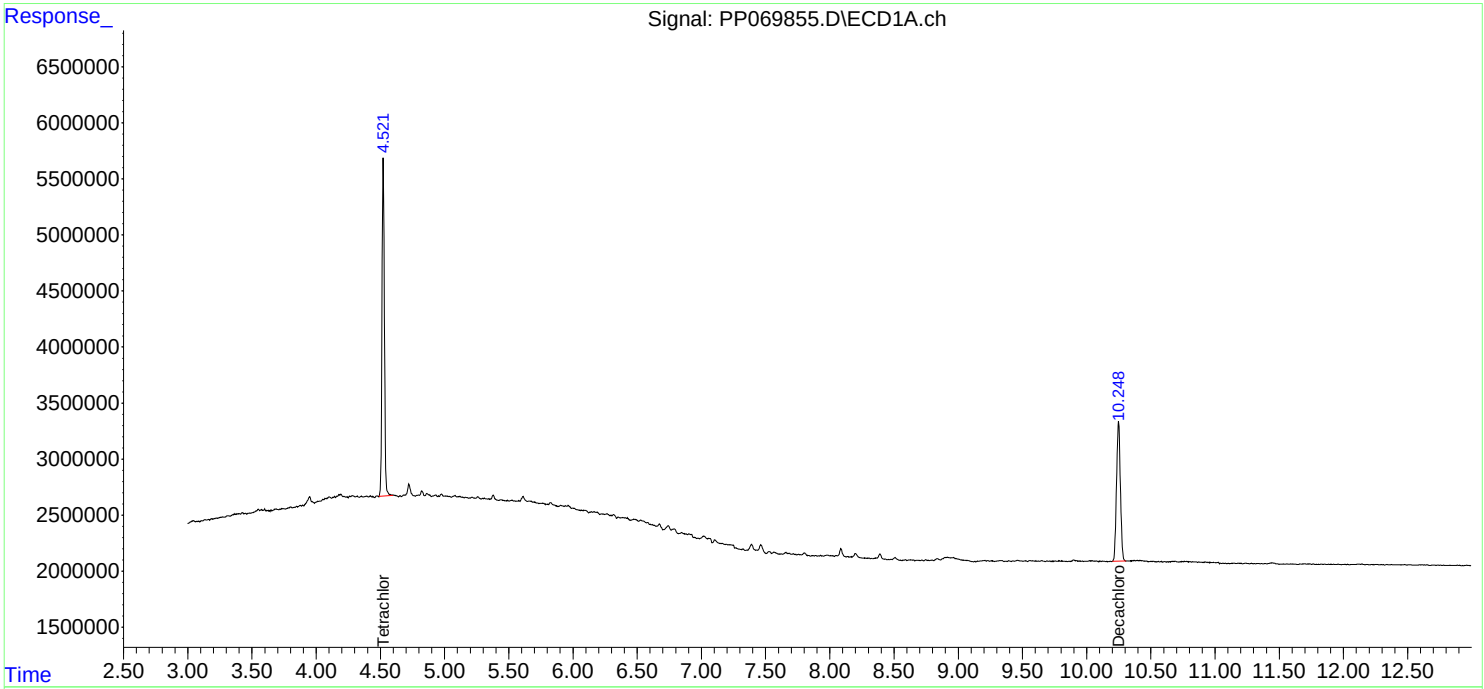
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:57
Operator : YP\AJ
Sample : Q1382-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

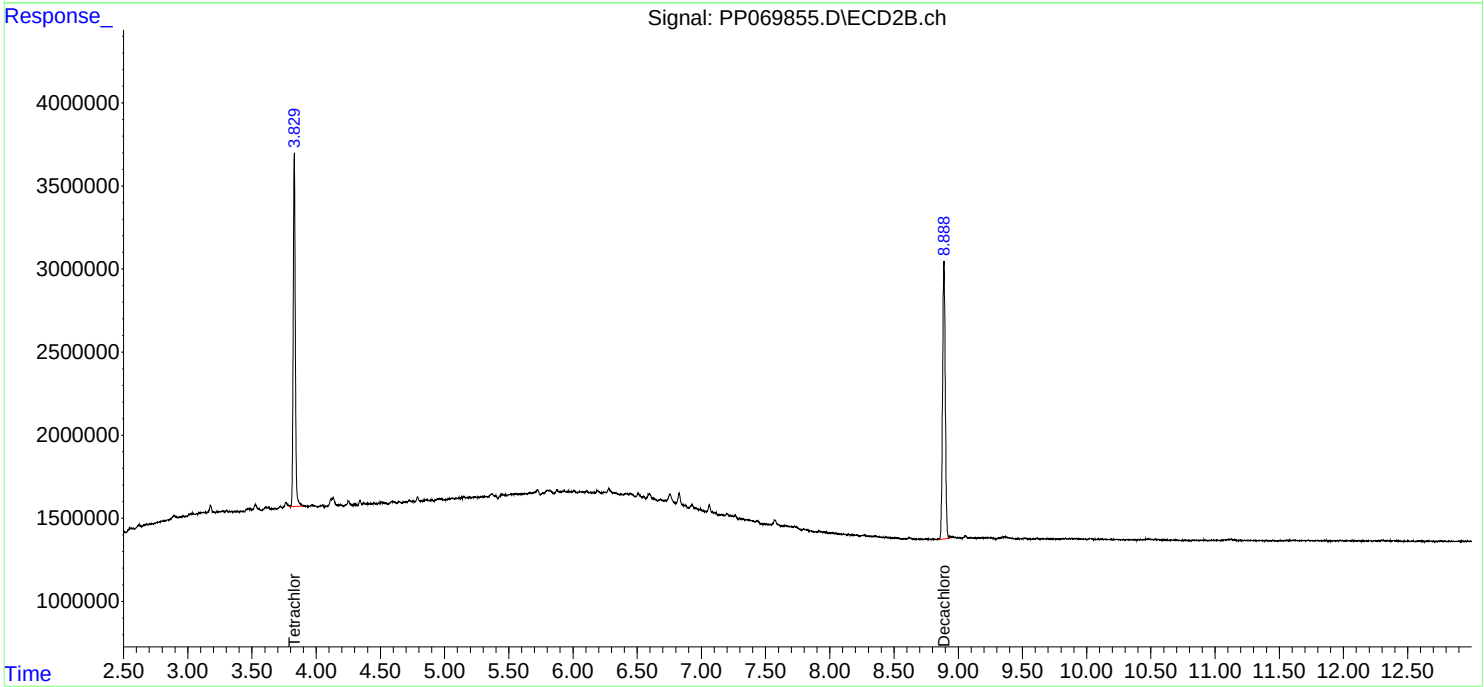
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725

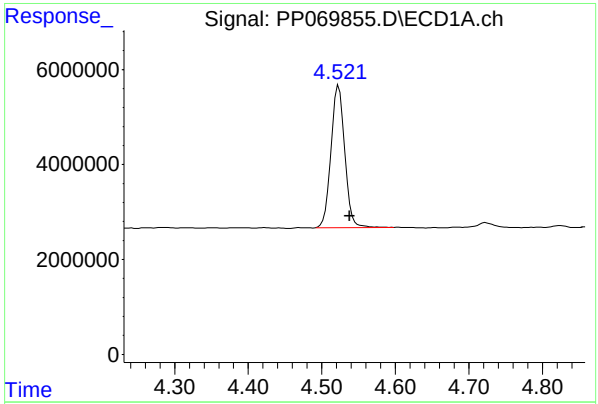
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:27:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







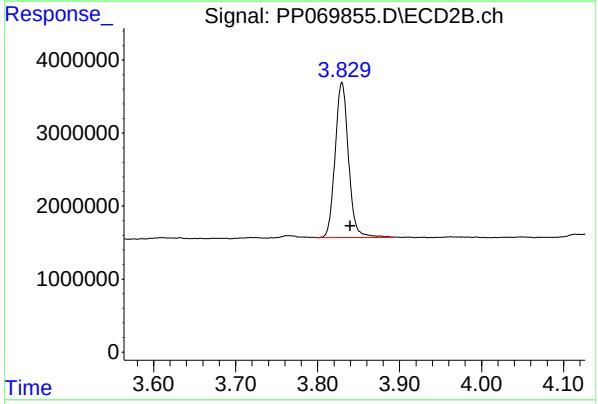
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 38820797
Conc: 27.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725

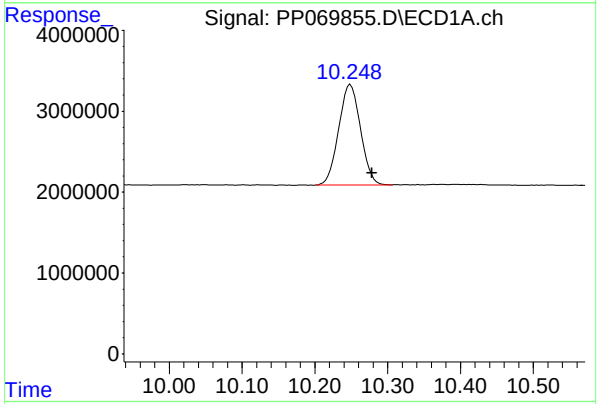
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



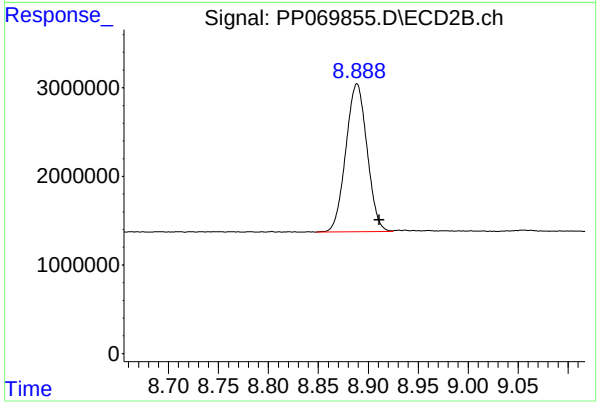
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24068164
Conc: 26.97 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.030 min
Response: 25890675
Conc: 23.69 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 24687478
Conc: 22.07 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-10-021725RE	SDG No.:	Q1382
Lab Sample ID:	Q1382-19RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	93.4 Decanted:
Sample Wt/Vol:	30.07 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
PP069937.D	1	02/19/25 08:10	02/20/25 22:49	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	3.60	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	6.80	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	13.9	U	3.60	13.9	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.60	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	8.40	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	13.9	U	2.90	13.9	18.2	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.2	ug/kg
11100-14-4	Aroclor-1268	13.9	U	3.70	13.9	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.10	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.9	*	44 - 130		140%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.8		60 - 125		124%	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\PP022025\
Data File : PP069937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:49
Operator : YP\AJ
Sample : Q1382-19RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.829	39937883	24063874	27.900	26.961m
2)	SA Decachlor...	10.252	8.887	27146681	27216683	24.839	24.334
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:49
Operator : YP\AJ
Sample : Q1382-19RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

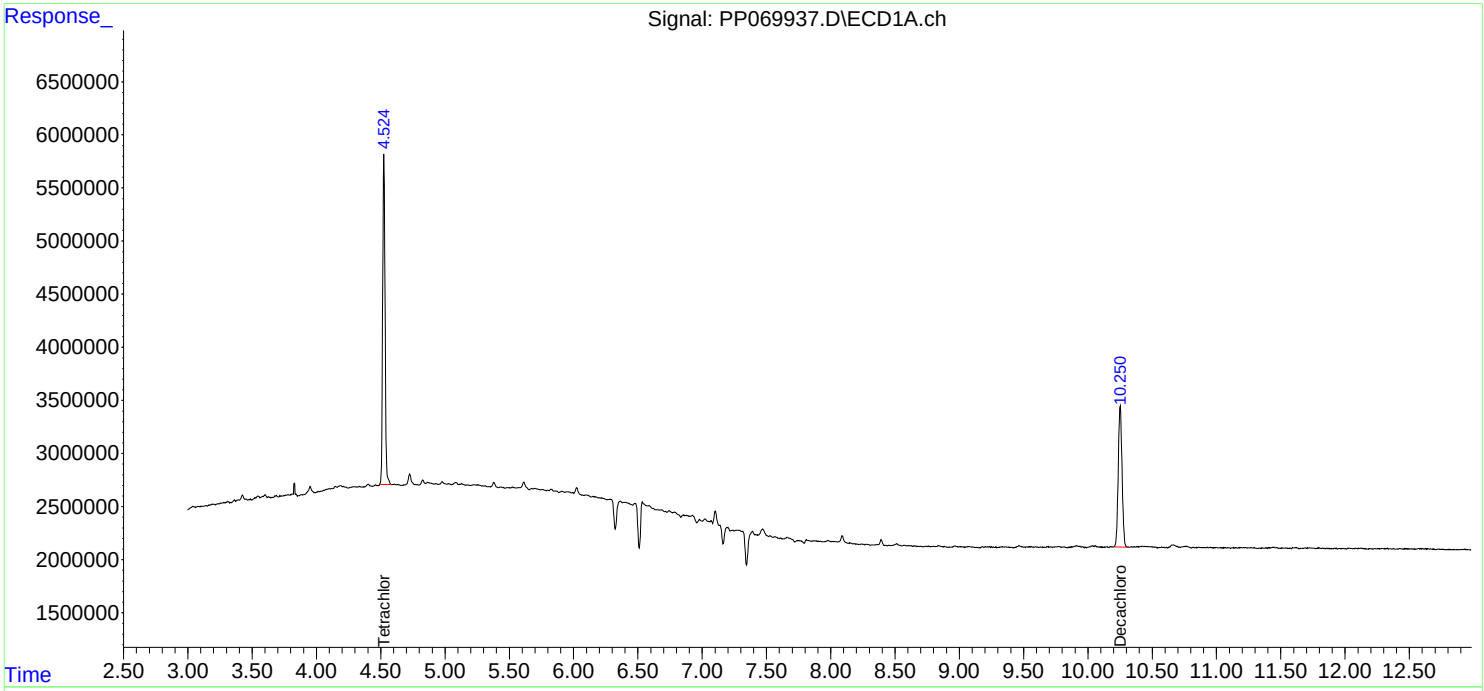
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE

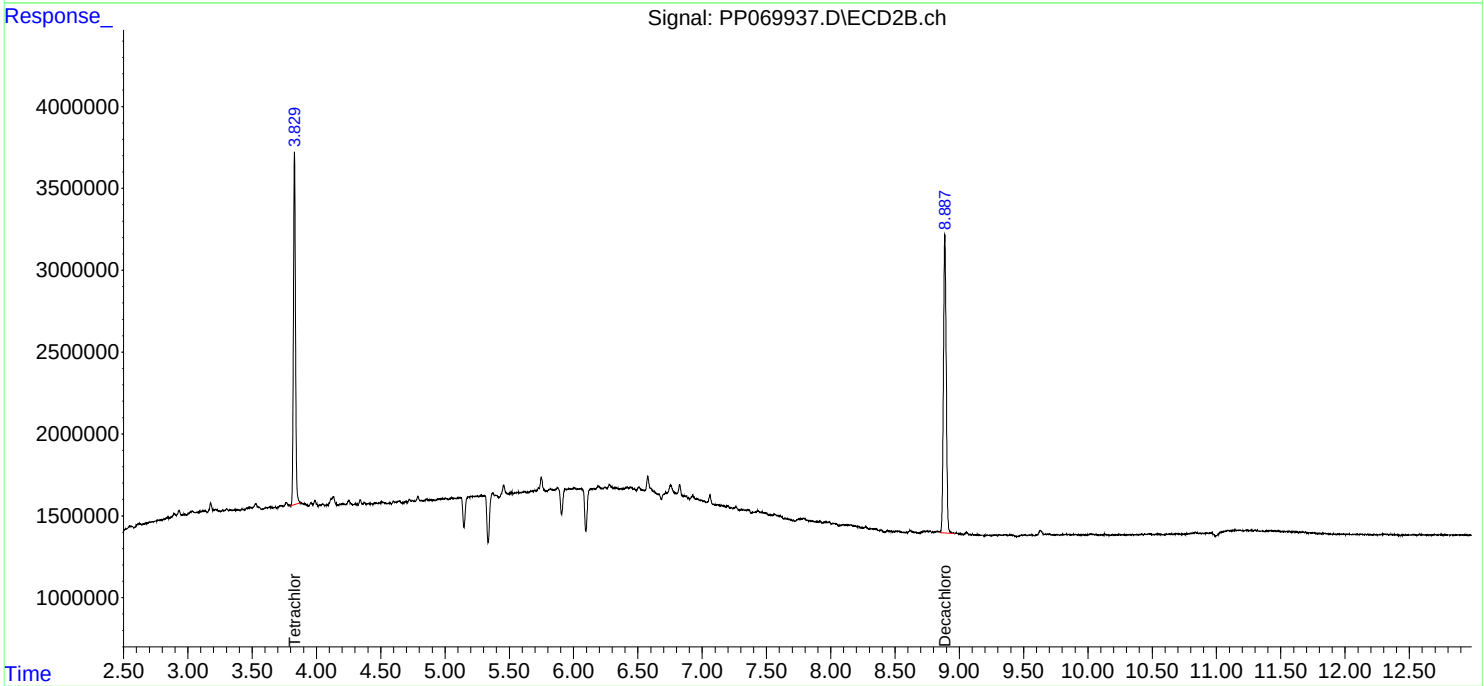
Manual Integrations APPROVED

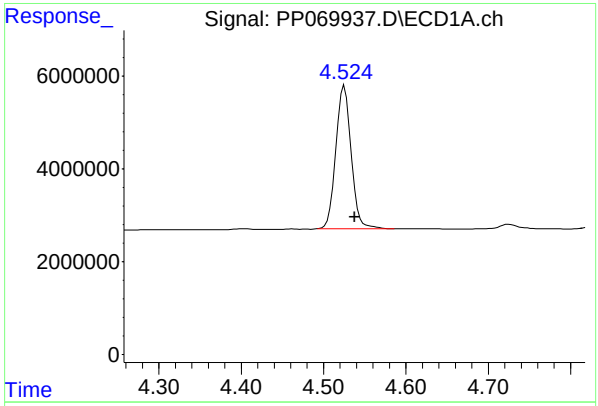
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







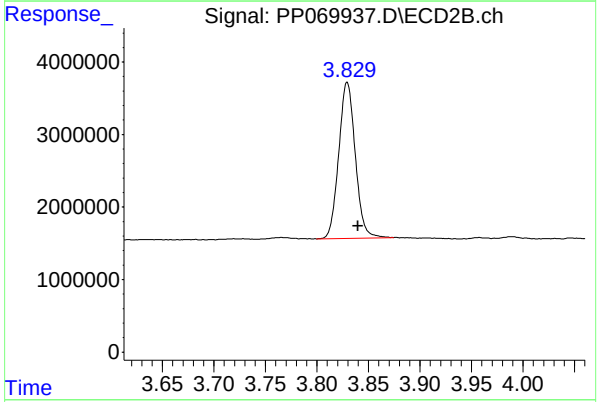
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 mi
Response: 39937883
Conc: 27.90 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE

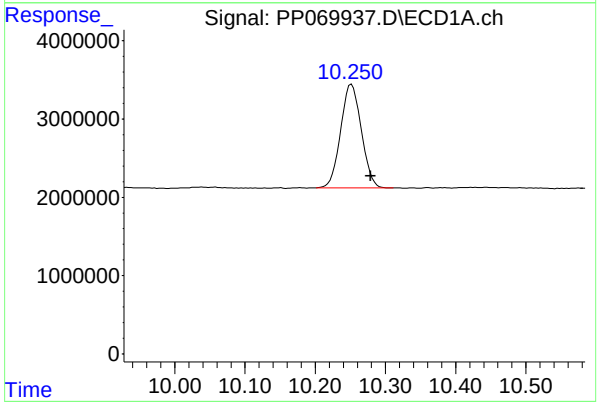
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



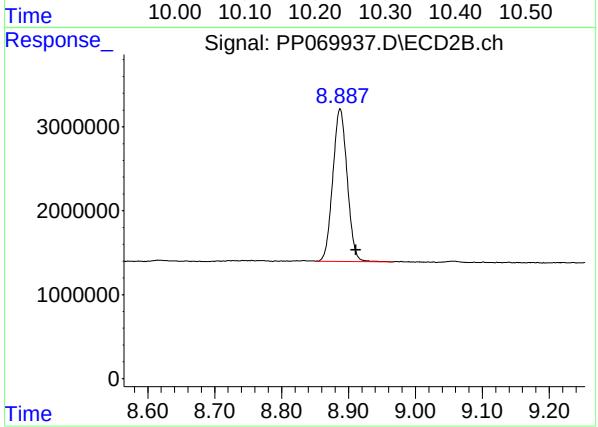
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24063874
Conc: 26.96 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 27146681
Conc: 24.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 27216683
Conc: 24.33 ng/ml

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

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: RT 1000 = PP069265.D RT 750 = PP069266.D

RT 500 = PP069267.D RT 250 = PP069268.D RT 050 = PP069269.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1016-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1016-3	(3)	5.78	5.77	5.78	5.77	5.78	5.78	5.68	5.88
Aroclor-1016-4	(4)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1016-5	(5)	6.17	6.17	6.17	6.16	6.17	6.17	6.07	6.27
Aroclor-1260-1	(1)	7.29	7.29	7.29	7.28	7.29	7.29	7.19	7.39
Aroclor-1260-2	(2)	7.54	7.54	7.54	7.54	7.54	7.54	7.44	7.64
Aroclor-1260-3	(3)	7.90	7.90	7.90	7.90	7.90	7.90	7.80	8.00
Aroclor-1260-4	(4)	8.12	8.12	8.13	8.12	8.12	8.12	8.02	8.22
Aroclor-1260-5	(5)	8.45	8.45	8.45	8.44	8.45	8.45	8.35	8.55
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.54	4.53	4.54	4.54	4.44	4.64
Aroclor-1242-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1242-2	(2)	5.71	5.71	5.71	5.71	5.71	5.71	5.61	5.81
Aroclor-1242-3	(3)	5.78	5.78	5.77	5.78	5.77	5.78	5.68	5.88
Aroclor-1242-4	(4)	5.87	5.87	5.87	5.87	5.87	5.87	5.77	5.97
Aroclor-1242-5	(5)	6.61	6.60	6.60	6.61	6.60	6.60	6.50	6.70
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1248-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1248-2	(2)	5.96	5.96	5.97	5.96	5.96	5.96	5.86	6.06
Aroclor-1248-3	(3)	6.17	6.17	6.17	6.17	6.17	6.17	6.07	6.27
Aroclor-1248-4	(4)	6.57	6.56	6.57	6.56	6.57	6.57	6.47	6.67
Aroclor-1248-5	(5)	6.60	6.60	6.61	6.60	6.60	6.60	6.50	6.70
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.54	4.54	4.54	4.54	4.44	4.64
Aroclor-1254-1	(1)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1254-2	(2)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1254-3	(3)	7.12	7.12	7.12	7.12	7.12	7.12	7.02	7.22
Aroclor-1254-4	(4)	7.40	7.41	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1254-5	(5)	7.82	7.82	7.82	7.82	7.82	7.82	7.72	7.92
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.54	4.54	4.53	4.54	4.54	4.54	4.44	4.64
Aroclor-1268-1	(1)	8.76	8.76	8.76	8.78	8.76	8.77	8.67	8.87
Aroclor-1268-2	(2)	8.86	8.86	8.86	8.87	8.86	8.86	8.76	8.96
Aroclor-1268-3	(3)	9.09	9.09	9.09	9.11	9.09	9.10	9.00	9.20
Aroclor-1268-4	(4)	9.51	9.51	9.51	9.53	9.51	9.51	9.41	9.61
Aroclor-1268-5	(5)	9.93	9.94	9.93	9.95	9.93	9.94	9.84	10.04

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.28	10.28	10.28	10.29	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene	4.54	4.54	4.54	4.55	4.54	4.54	4.44	4.64

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: RT 1000 = PP069265.D RT 750 = PP069266.D

RT 500 = PP069267.D RT 250 = PP069268.D RT 050 = PP069269.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1016-4	(4)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1016-5	(5)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Aroclor-1260-1	(1)	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Aroclor-1260-2	(2)	6.62	6.62	6.62	6.62	6.61	6.62	6.52	6.72
Aroclor-1260-3	(3)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Aroclor-1260-4	(4)	7.24	7.24	7.24	7.24	7.24	7.24	7.14	7.34
Aroclor-1260-5	(5)	7.48	7.48	7.48	7.48	7.48	7.48	7.38	7.58
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1242-1	(1)	4.93	4.93	4.94	4.93	4.93	4.93	4.83	5.03
Aroclor-1242-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1242-4	(4)	5.21	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1242-5	(5)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1248-1	(1)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1248-2	(2)	5.17	5.17	5.17	5.17	5.17	5.17	5.07	5.27
Aroclor-1248-3	(3)	5.22	5.22	5.22	5.21	5.22	5.22	5.12	5.32
Aroclor-1248-4	(4)	5.39	5.39	5.39	5.39	5.39	5.39	5.29	5.49
Aroclor-1248-5	(5)	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1254-1	(1)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1254-2	(2)	5.89	5.89	5.89	5.89	5.89	5.89	5.79	5.99
Aroclor-1254-3	(3)	6.30	6.30	6.30	6.30	6.30	6.30	6.20	6.40
Aroclor-1254-4	(4)	6.52	6.53	6.52	6.53	6.53	6.52	6.42	6.62
Aroclor-1254-5	(5)	6.94	6.95	6.94	6.94	6.94	6.94	6.84	7.04
Decachlorobiphenyl		8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene		3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94
Aroclor-1268-1	(1)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Aroclor-1268-2	(2)	7.83	7.83	7.83	7.83	7.83	7.83	7.73	7.93
Aroclor-1268-3	(3)	8.04	8.04	8.04	8.04	8.04	8.04	7.94	8.14
Aroclor-1268-4	(4)	8.34	8.34	8.34	8.34	8.34	8.34	8.24	8.44
Aroclor-1268-5	(5)	8.64	8.64	8.64	8.64	8.64	8.64	8.54	8.74

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.91	8.91	8.91	8.91	8.91	8.91	8.81	9.01
Tetrachloro-m-xylene	3.84	3.84	3.84	3.84	3.84	3.84	3.74	3.94

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: **CF 1000 =** PP069265.D **CF 750 =** PP069266.D

CF 500 = PP069267.D **CF 250 =** PP069268.D **CF 050 =** PP069269.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	44563885	46103675	49194740	50253212	41549440	46332990	8
Aroclor-1016-2	(2)	66115347	69779753	70658198	75938800	56893880	67877196	10
Aroclor-1016-3	(3)	39869399	41463369	44413634	48593324	38643280	42596601	9
Aroclor-1016-4	(4)	33707176	35303807	36719774	37971988	31299580	35000465	7
Aroclor-1016-5	(5)	32090736	33824409	35071540	36758492	27547540	33058543	11
Aroclor-1260-1	(1)	55810838	58374851	61327242	65126844	51541560	58436267	9
Aroclor-1260-2	(2)	71849008	75229505	78748522	85337848	77899600	77812897	6
Aroclor-1260-3	(3)	59639386	62129519	64349302	69276732	57201340	62519256	7
Aroclor-1260-4	(4)	61734973	64735973	67542400	73350432	62520020	65976760	7
Aroclor-1260-5	(5)	125094433	130279153	135629934	144497620	119128460	130925920	7
Decachlorobiphenyl		1069166160	1116444307	1169529200	1243495760	865856800	1092898445	13
Tetrachloro-m-xylene		1430473260	1473828093	1522470140	1571078520	1159551800	1431480363	11
Aroclor-1242-1	(1)	38881934	40183667	43367056	45129572	40964140	41705274	6
Aroclor-1242-2	(2)	57026747	57896231	62116710	63798460	54116520	58990934	7
Aroclor-1242-3	(3)	35212135	35868905	39015138	40586632	34810280	37098618	7
Aroclor-1242-4	(4)	29733477	30521513	32725012	34827232	36166060	32794659	8
Aroclor-1242-5	(5)	31146343	32194257	34488024	36289728	28803300	32584330	9
Decachlorobiphenyl		1046199870	1081727787	1138401280	1175392440	940280400	1076400355	8
Tetrachloro-m-xylene		1435254920	1458364720	1537301860	1551717280	1142408000	1425009356	12
Aroclor-1248-1	(1)	29720774	31068636	32496050	36489328	32420520	32439062	8
Aroclor-1248-2	(2)	40031392	40786873	43476982	45978940	41957800	42446397	6
Aroclor-1248-3	(3)	44249426	45321484	48274812	49262872	47827180	46987155	4
Aroclor-1248-4	(4)	52361428	54561383	58048758	58995000	51639900	55121294	6
Aroclor-1248-5	(5)	50435355	52347879	55697774	57690052	50747900	53383792	6
Decachlorobiphenyl		1037639180	1069858813	1128342940	1177314960	1004783400	1083587859	6
Tetrachloro-m-xylene		1397850760	1441113413	1513274920	1556018920	1233936200	1428438843	9
Aroclor-1254-1	(1)	52694329	56123723	55956580	61395668	63148280	57863716	7
Aroclor-1254-2	(2)	75242428	80121392	80560264	87256592	78028640	80241863	6
Aroclor-1254-3	(3)	78719981	83731985	84853004	89742068	84395060	84288420	5
Aroclor-1254-4	(4)	63293404	67680445	70564640	73119196	66281540	68187845	6
Aroclor-1254-5	(5)	65136323	67898099	69017528	74762784	63416000	68046147	6
Decachlorobiphenyl		1048312770	1098692147	1135082800	1189137760	958537000	1085952495	8
Tetrachloro-m-xylene		1421810410	1488698480	1487019120	1532331840	1227018400	1431375650	8
Aroclor-1268-1	(1)	176588317	184780069	192785674	202822560	125915500	176578424	17

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	157019138	164413571	171697424	179175396	114552180	157371542	16
Aroclor-1268-3	(3)	134437818	140375337	146778962	154508480	92538920	133727903	18
Aroclor-1268-4	(4)	59595033	62280167	64687112	67890812	39150760	58720777	19
Aroclor-1268-5	(5)	388908034	403290352	414501270	436451084	261335260	380897200	18
Decachlorobiphenyl		1754282940	1839272453	1920856020	2033075320	1195912000	1748679747	19
Tetrachloro-m-xylene		1417405090	1481109080	1537248520	1587731960	907526000	1386204130	20

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Instrument ID: ECD_P **Calibration Date(s):** 01/28/2025 01/28/2025

Calibration Times: 09:37 17:30

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

LAB FILE ID: **CF 1000 =** PP069265.D **CF 750 =** PP069266.D

CF 500 = PP069267.D **CF 250 =** PP069268.D **CF 050 =** PP069269.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	31633685	33556627	33480936	37954972	26448920	32615028	13
Aroclor-1016-2	(2)	44031797	46303903	46946506	51687136	35822760	44958420	13
Aroclor-1016-3	(3)	24261336	25813949	25589188	28587740	20167700	24883983	12
Aroclor-1016-4	(4)	19438184	20660733	21000612	23487460	16394360	20196270	13
Aroclor-1016-5	(5)	25297814	26477140	27113278	31243672	23987600	26823901	10
Aroclor-1260-1	(1)	45562804	49216963	49245668	55739104	41383080	48229524	11
Aroclor-1260-2	(2)	56383179	60514057	62488844	68895184	58237140	61303681	8
Aroclor-1260-3	(3)	52562549	57114871	56932784	65734744	68437200	60156430	11
Aroclor-1260-4	(4)	44924385	48584991	47607396	54330272	36891520	46467713	14
Aroclor-1260-5	(5)	110513786	116112688	112600456	126598028	89900460	111145084	12
Decachlorobiphenyl		1081648740	1075757973	1104259920	1329032280	1001721800	1118484143	11
Tetrachloro-m-xylene		895719350	929032907	946597040	991735040	699610200	892538907	13
Aroclor-1242-1	(1)	28457446	29119925	30117864	31061644	25403260	28832028	7
Aroclor-1242-2	(2)	39820013	39941537	41764664	42385248	33077260	39397744	9
Aroclor-1242-3	(3)	22243475	22254861	23816158	23489144	20716780	22504084	5
Aroclor-1242-4	(4)	21211563	21374985	23120084	22340476	19864100	21582242	6
Aroclor-1242-5	(5)	28383043	28234200	30402778	30060424	26761400	28768369	5
Decachlorobiphenyl		1070572940	1042369120	1225620920	1172941720	1058329800	1113966900	7
Tetrachloro-m-xylene		948008600	922176493	1006063320	982881880	776172200	927060499	10
Aroclor-1248-1	(1)	21330255	20853876	23185376	25262184	19421120	22010562	10
Aroclor-1248-2	(2)	28324001	27797971	30327126	34009348	29864480	30064585	8
Aroclor-1248-3	(3)	29601440	28764189	31580800	34840008	30135060	30984299	8
Aroclor-1248-4	(4)	35306028	34213227	37879582	41180744	36138900	36943696	7
Aroclor-1248-5	(5)	36064443	35808685	37834928	42037920	35201060	37389407	7
Decachlorobiphenyl		980404060	959895520	1126421340	1202320960	1104048600	1074618096	10
Tetrachloro-m-xylene		933404290	928217333	964099100	1014391000	824892400	933000825	7
Aroclor-1254-1	(1)	53877397	54753924	53404230	60667048	52576380	55055796	6
Aroclor-1254-2	(2)	46864995	47439047	46558300	52821560	48160120	48368804	5
Aroclor-1254-3	(3)	74986178	74525173	75336702	83772976	70859440	75896094	6
Aroclor-1254-4	(4)	49801197	49979288	49838494	57136496	49493140	51249723	6
Aroclor-1254-5	(5)	65231257	66669389	67386324	74850464	58664800	66560447	9
Decachlorobiphenyl		1035199210	1139963307	1108865600	1276887280	1138306800	1139844439	8
Tetrachloro-m-xylene		952003350	962162200	938236480	997354800	818278400	933607046	7
Aroclor-1268-1	(1)	145329954	150069627	161518540	160247580	108445040	145122148	15

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	134157524	139030160	148727672	146560884	95601640	132815576	16
Aroclor-1268-3	(3)	115152122	117884433	127017896	124541824	84093360	113737927	15
Aroclor-1268-4	(4)	52741395	55225243	58789156	59095316	34538800	52077982	19
Aroclor-1268-5	(5)	368786226	384323936	391666930	381773968	254352080	356180628	16
Decachlorobiphenyl		1732023730	1823351800	1923257100	1922570920	1314788000	1743198310	14
Tetrachloro-m-xylene		921289540	958710907	983636500	1016257200	585968600	893172549	20

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Instrument ID: ECD_P **Date(s) Analyzed:** 01/28/2025 01/28/2025

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	4.74	4.64	4.84	19019500
		2	4.82	4.72	4.92	13692500
		3	4.90	4.80	5.00	41943400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.90	4.80	5.00	33293600
		2	5.42	5.32	5.52	16342000
		3	5.71	5.61	5.81	34359000
		4	5.87	5.77	5.97	17816200
		5	5.96	5.86	6.06	11462400
Aroclor-1262	500	1	8.12	8.02	8.22	79018200
		2	8.45	8.35	8.55	152923000
		3	8.77	8.67	8.87	106280000
		4	8.85	8.75	8.95	81793000
		5	9.51	9.41	9.61	56610200

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Instrument ID: ECD_P **Date(s) Analyzed:** 01/28/2025 01/28/2025

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	4.05	3.95	4.15	12318000
		2	4.14	4.04	4.24	9683380
		3	4.22	4.12	4.32	29174200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.22	4.12	4.32	23479400
		2	4.95	4.85	5.05	23571800
		3	5.13	5.03	5.23	12947200
		4	5.21	5.11	5.31	11086300
		5	5.39	5.29	5.49	12210300
Aroclor-1262	500	1	6.98	6.88	7.08	71013200
		2	7.24	7.14	7.34	60979400
		3	7.77	7.67	7.87	52299200
		4	7.83	7.73	7.93	92436400
		5	8.34	8.24	8.44	47792200

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.840	143.0E6	89571935	96.885	97.257m
2)	SA Decachlor...	10.279	8.911	106.9E6	108.2E6	95.517	98.966
	Target Compounds						
3)	L1 AR-1016-1	5.691	4.934	44563885	31633685	950.609	971.631
4)	L1 AR-1016-2	5.712	4.953	66115347	44031797	966.786	967.963
5)	L1 AR-1016-3	5.775	5.131	39869399	24261336	946.084	973.363
6)	L1 AR-1016-4	5.872	5.172	33707176	19438184	957.224	961.363
7)	L1 AR-1016-5	6.166	5.388	32090736	25297814	955.618	965.361
31)	L7 AR-1260-1	7.286	6.428	55810838	45562804	952.907	961.155
32)	L7 AR-1260-2	7.540	6.616	71849008	56383179	954.186	948.637
33)	L7 AR-1260-3	7.899	6.771	59639386	52562549	962.013	960.087
34)	L7 AR-1260-4	8.124	7.244	61734973	44924385	955.078	971.004
35)	L7 AR-1260-5	8.445	7.484	125.1E6	110.5E6	959.591	990.648

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

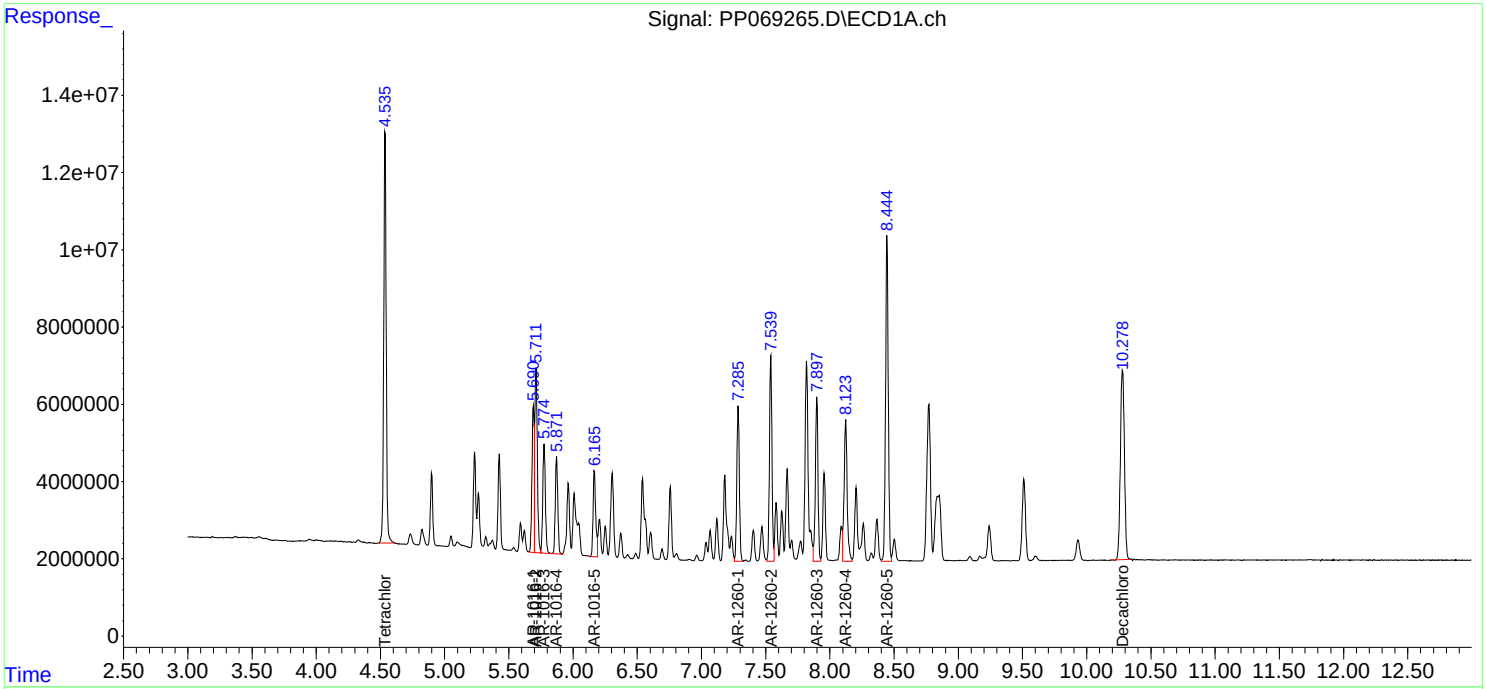
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

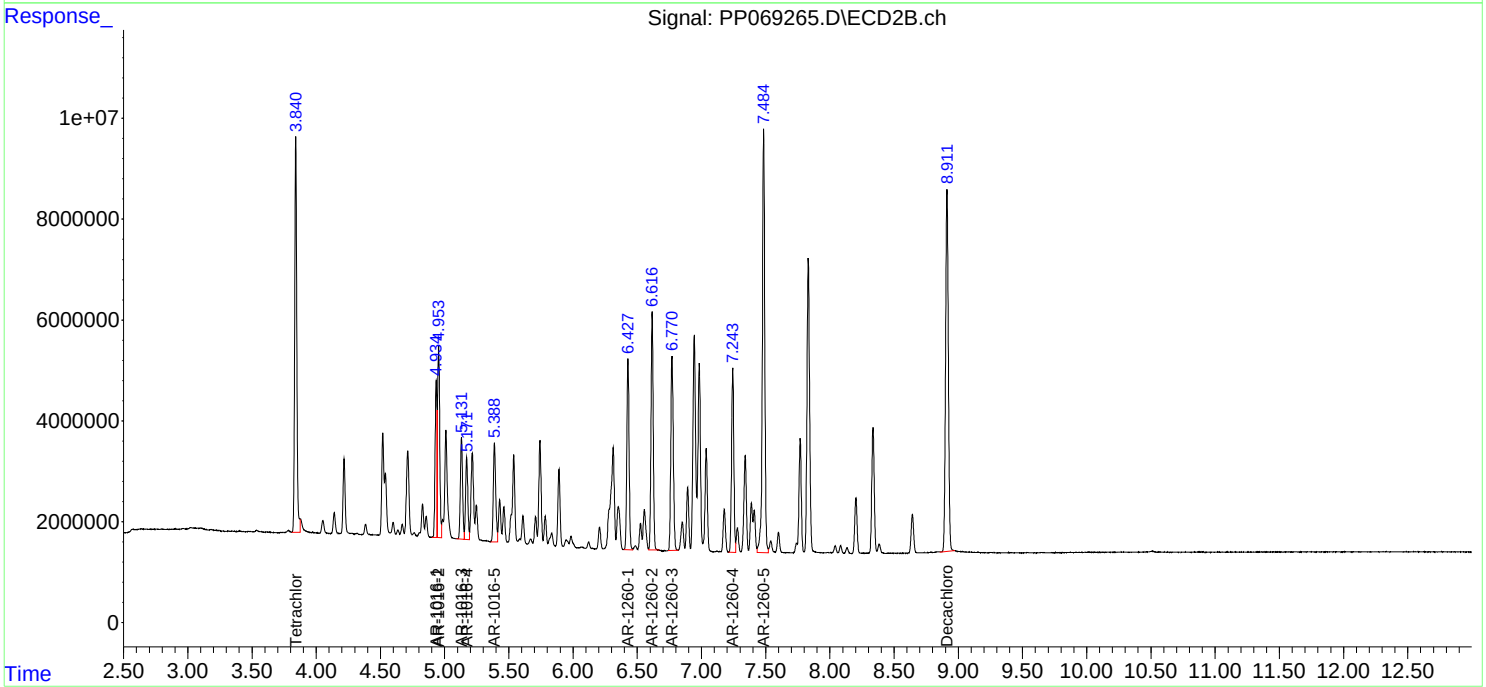
Manual Integrations APPROVED

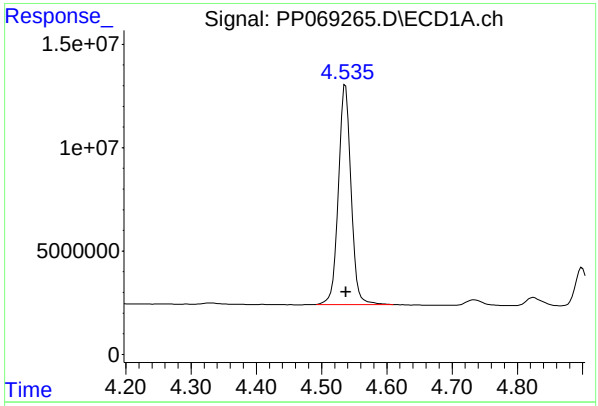
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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







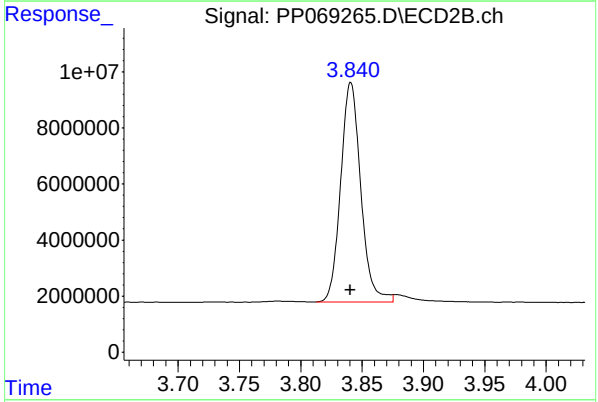
#1 Tetrachloro-m-xylene

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 143047326
Conc: 96.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

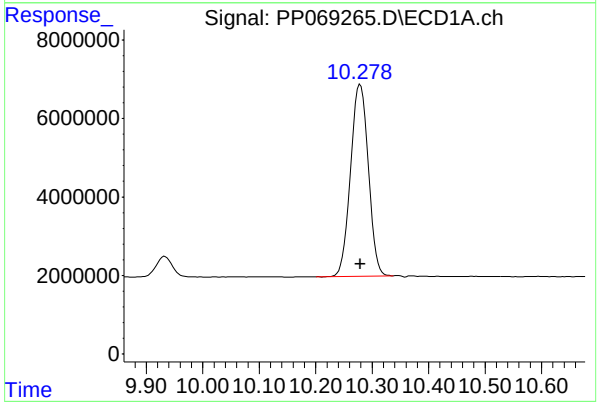
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



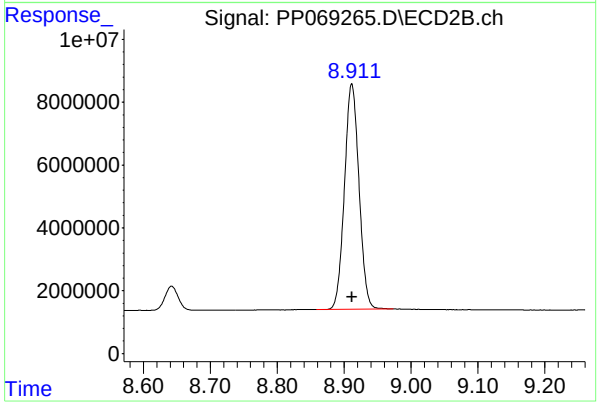
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 89571935
Conc: 97.26 ng/ml m



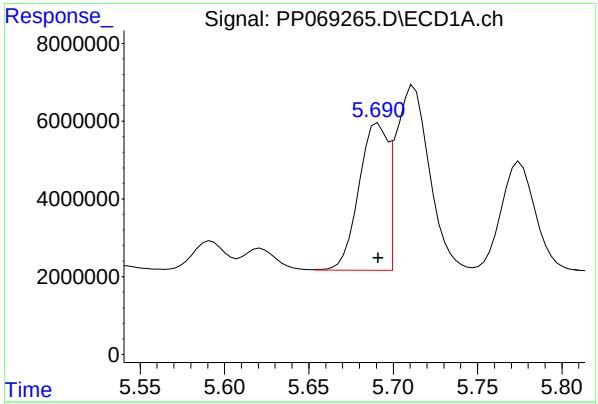
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 106916616
Conc: 95.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 108164874
Conc: 98.97 ng/ml



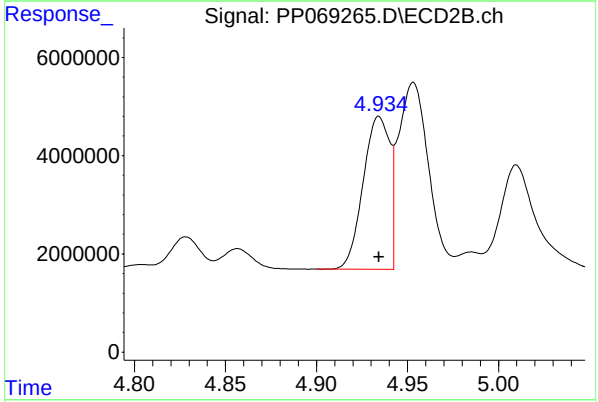
#3 AR-1016-1

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 44563885
Conc: 950.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

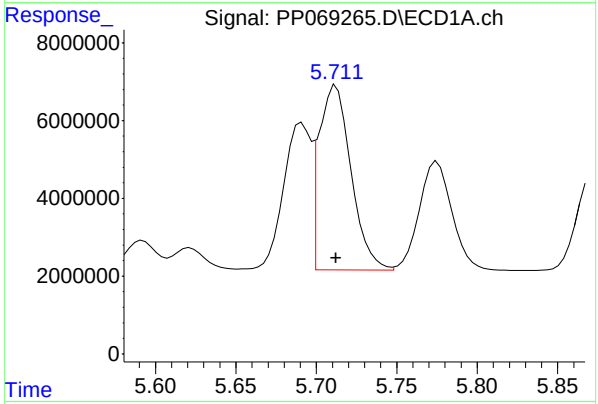
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



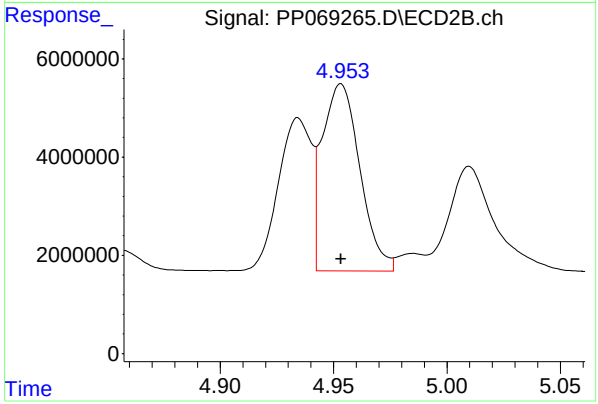
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 31633685
Conc: 971.63 ng/ml



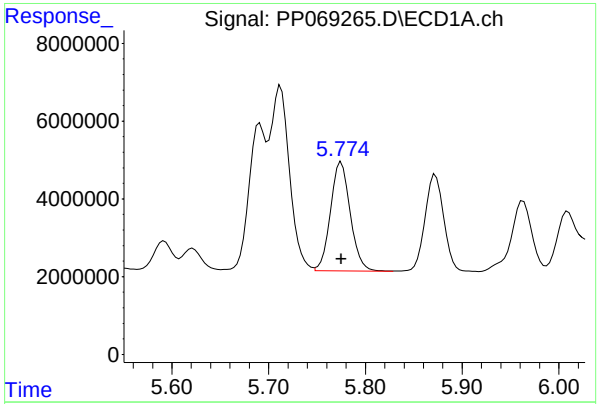
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 66115347
Conc: 966.79 ng/ml



#4 AR-1016-2

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 44031797
Conc: 967.96 ng/ml



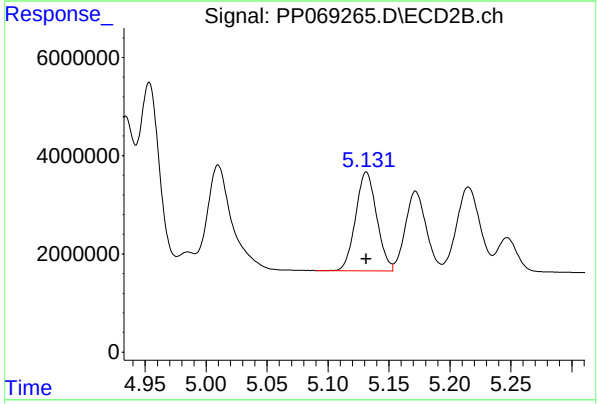
#5 AR-1016-3

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 39869399
Conc: 946.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

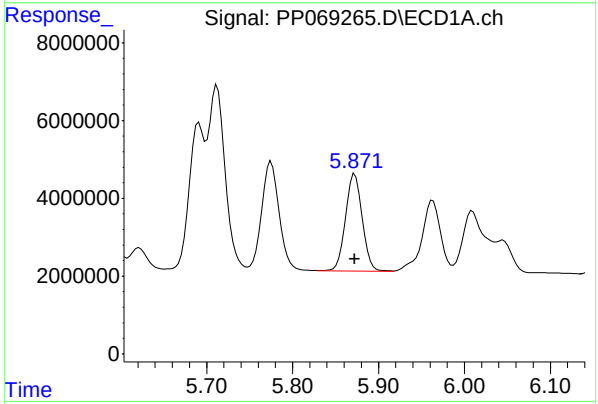
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



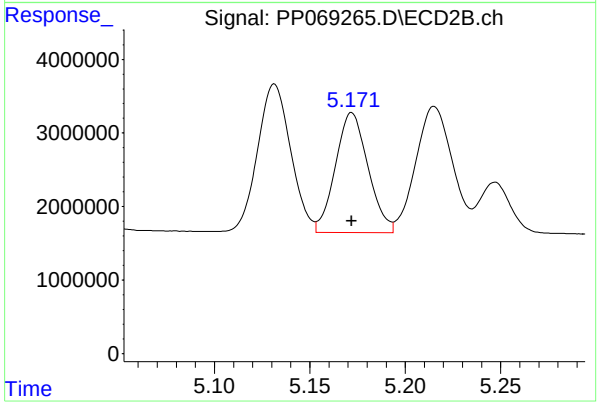
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 24261336
Conc: 973.36 ng/ml



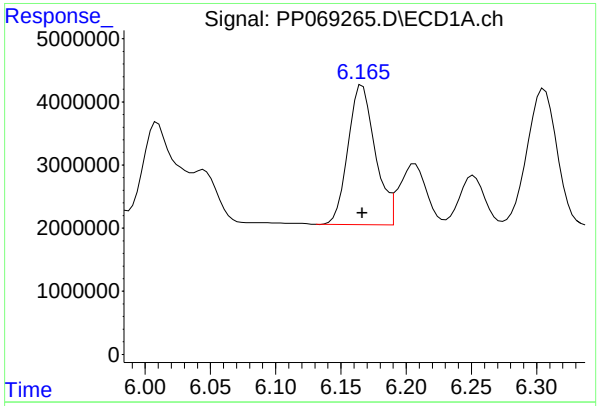
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 33707176
Conc: 957.22 ng/ml



#6 AR-1016-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19438184
Conc: 961.36 ng/ml



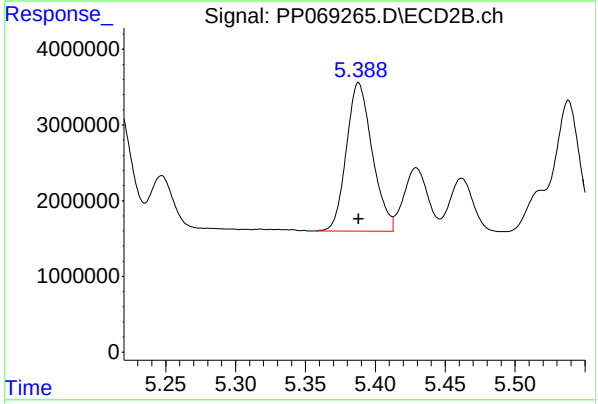
#7 AR-1016-5

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 32090736
Conc: 955.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

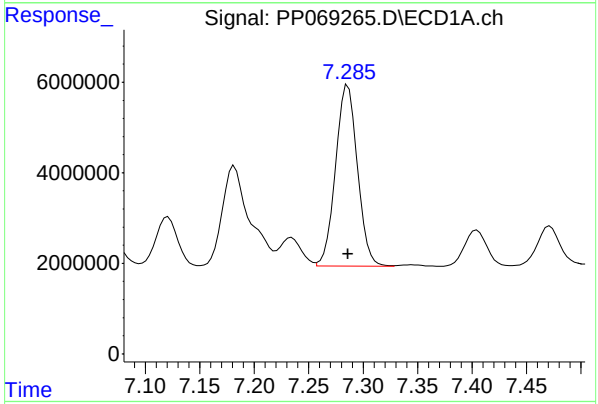
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



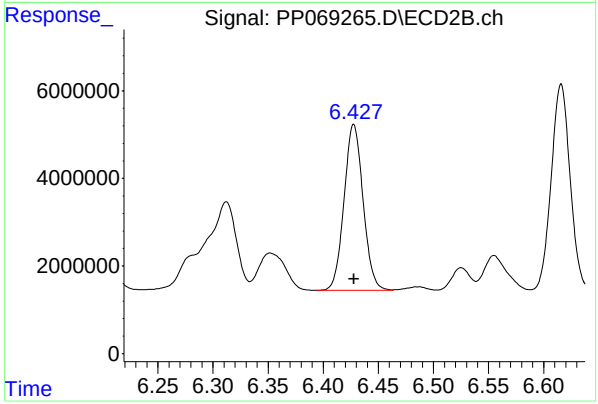
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25297814
Conc: 965.36 ng/ml



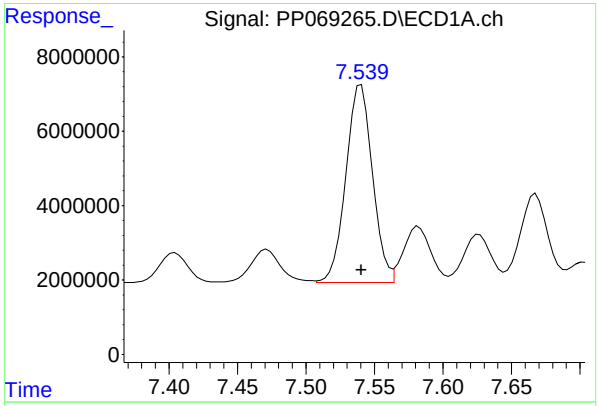
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 55810838
Conc: 952.91 ng/ml



#31 AR-1260-1

R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 45562804
Conc: 961.15 ng/ml



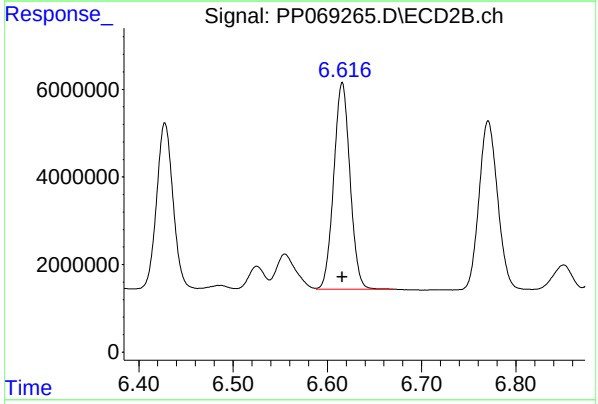
#32 AR-1260-2

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 71849008
Conc: 954.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

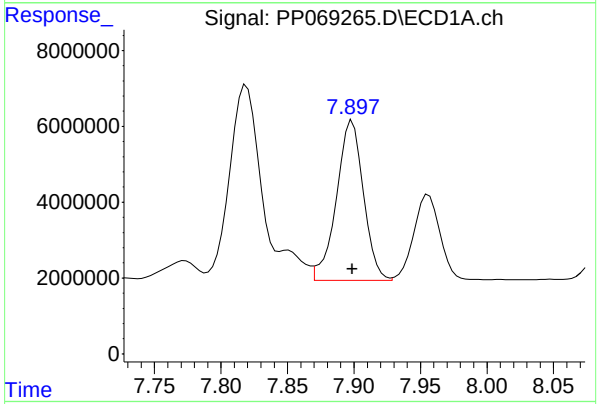
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



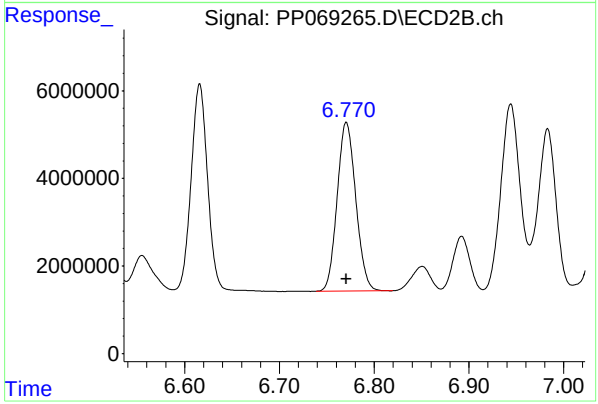
#32 AR-1260-2

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 56383179
Conc: 948.64 ng/ml



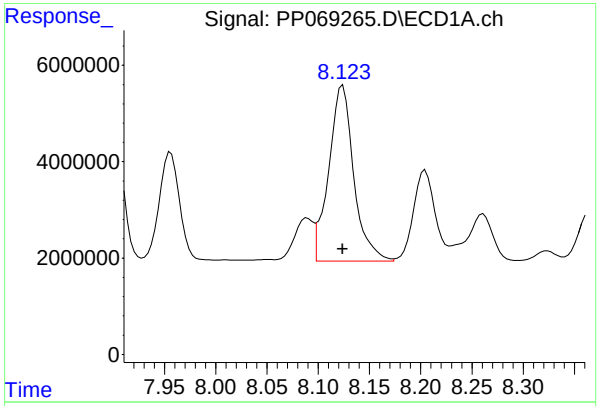
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 59639386
Conc: 962.01 ng/ml



#33 AR-1260-3

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 52562549
Conc: 960.09 ng/ml



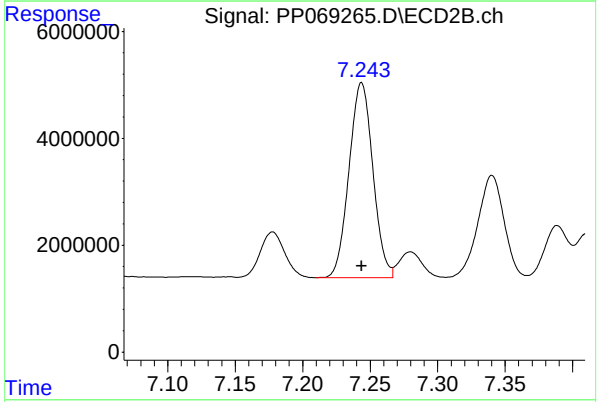
#34 AR-1260-4

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 61734973
Conc: 955.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

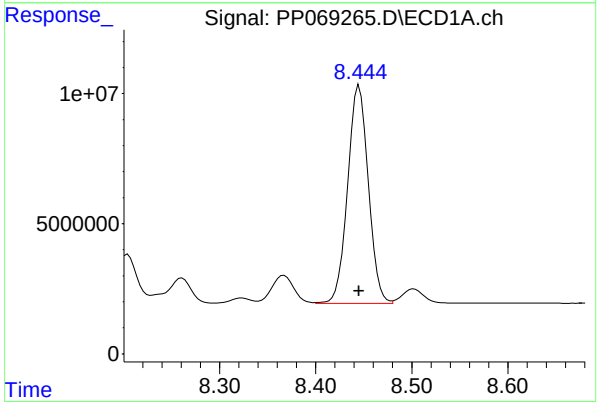
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



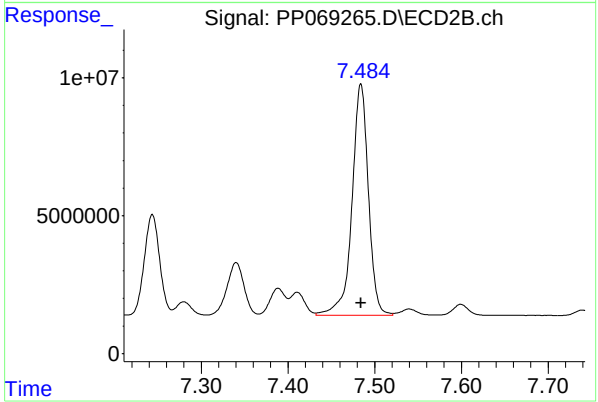
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 44924385
Conc: 971.00 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 125094433
Conc: 959.59 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 110513786
Conc: 990.65 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:54
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: Jan 28 10:47:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.840	110.5E6	69677468	74.910	75.426
2)	SA Decachlor...	10.277	8.912	83733323	80681848	74.870	74.209
	Target Compounds						
3)	L1 AR-1016-1	5.690	4.933	34577756	25167470	741.681	765.192
4)	L1 AR-1016-2	5.711	4.953	52334815	34727927	760.116	758.902
5)	L1 AR-1016-3	5.774	5.130	31097527	19360462	741.911	767.618
6)	L1 AR-1016-4	5.871	5.172	26477855	15495550	751.282	760.835
7)	L1 AR-1016-5	6.165	5.387	25368307	19857855	753.613	755.164
31)	L7 AR-1260-1	7.285	6.427	43781138	36912722	748.340	768.879
32)	L7 AR-1260-2	7.540	6.615	56422129	45385543	749.540	759.014
33)	L7 AR-1260-3	7.898	6.770	46597139	42836153	751.089	771.312
34)	L7 AR-1260-4	8.123	7.243	48551980	36438743	750.752	774.651
35)	L7 AR-1260-5	8.445	7.483	97709365	87084516	749.681	770.144

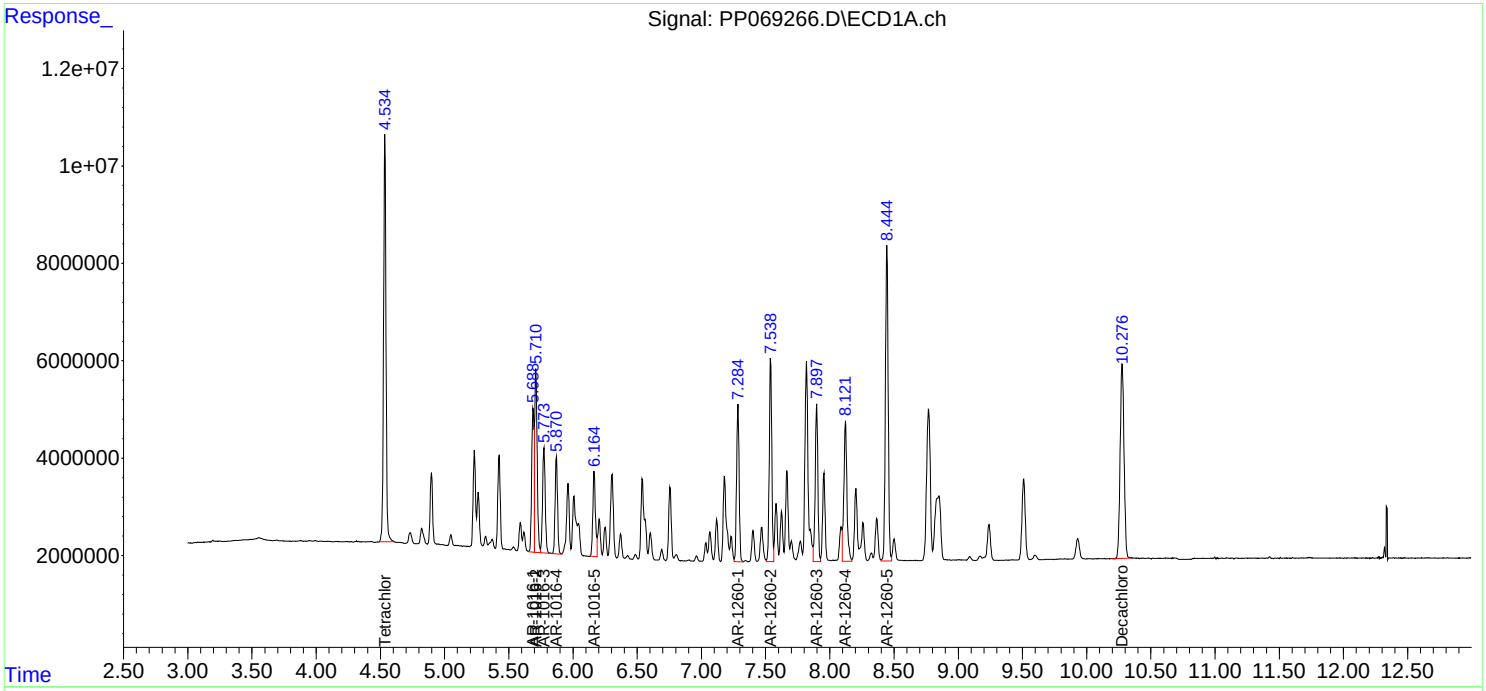
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

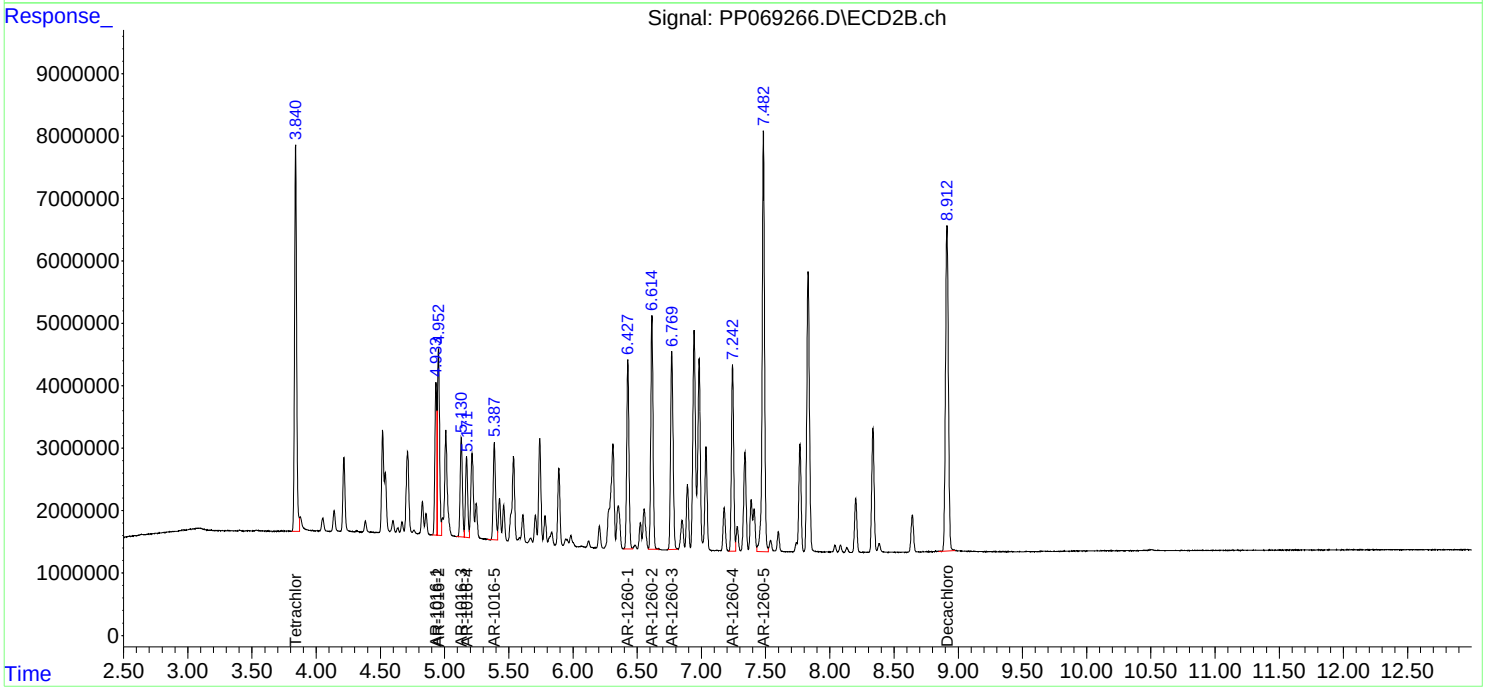
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

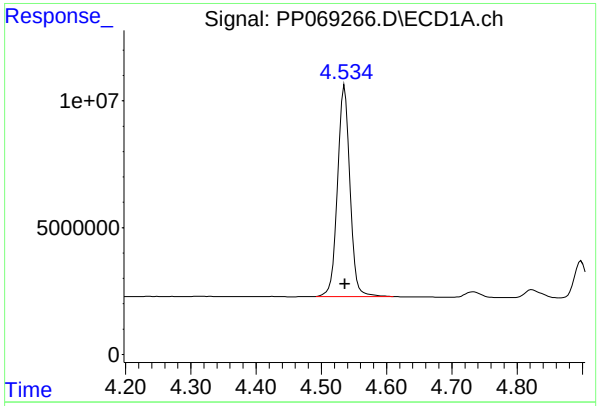
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:47:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



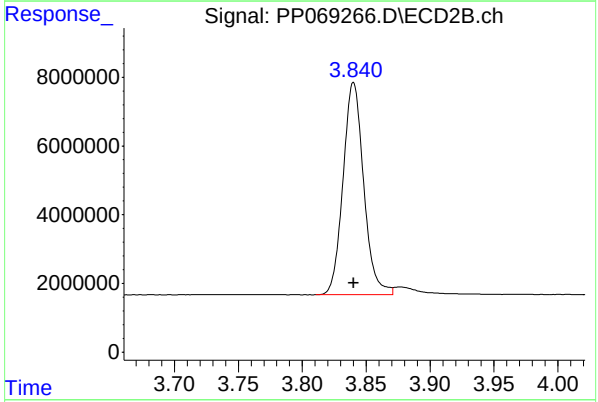




#1 Tetrachloro-m-xylene

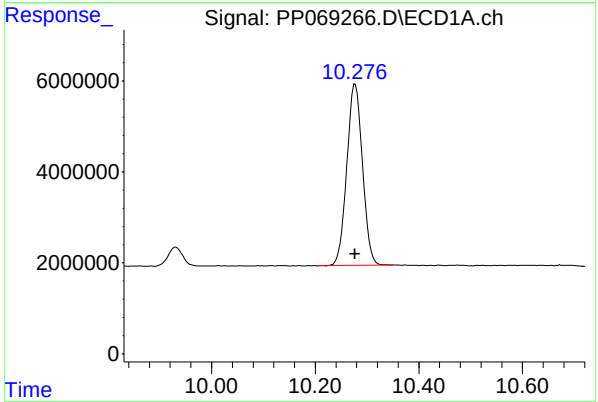
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 110537107
Conc: 74.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



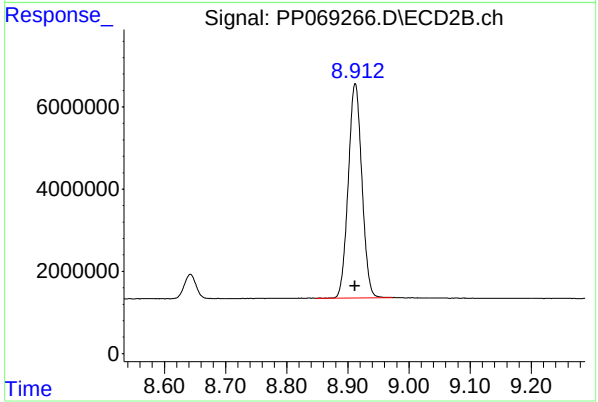
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 69677468
Conc: 75.43 ng/ml



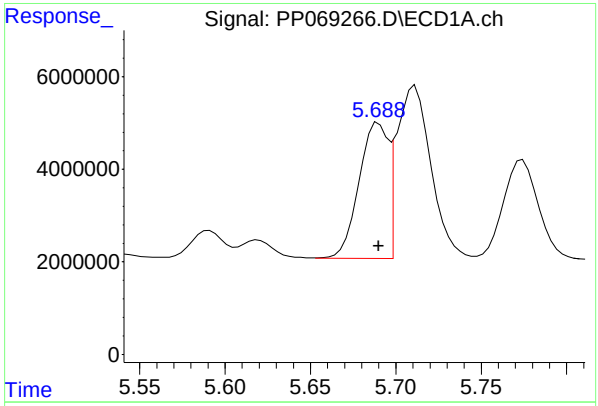
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 83733323
Conc: 74.87 ng/ml



#2 Decachlorobiphenyl

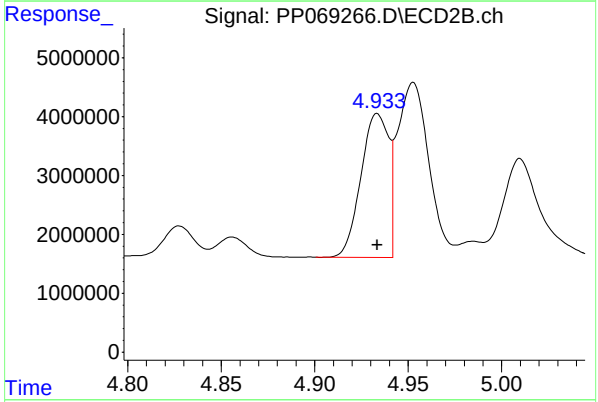
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 80681848
Conc: 74.21 ng/ml



#3 AR-1016-1

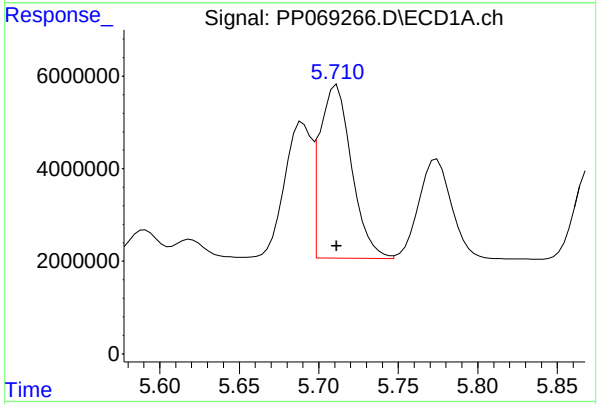
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 34577756
Conc: 741.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



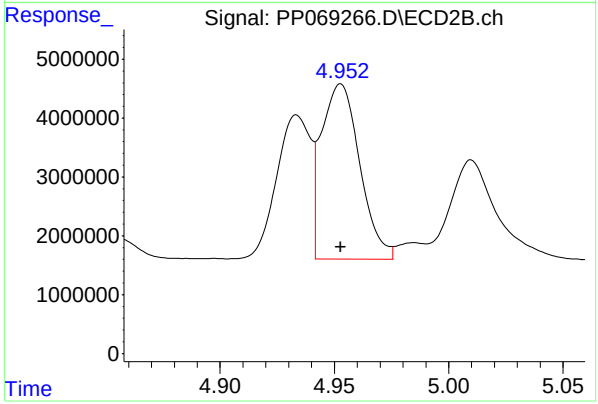
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 25167470
Conc: 765.19 ng/ml



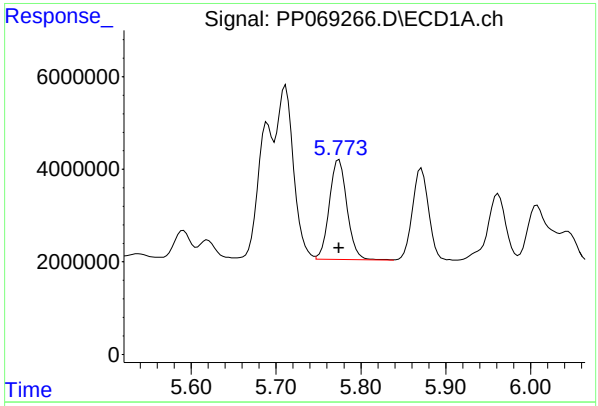
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 52334815
Conc: 760.12 ng/ml



#4 AR-1016-2

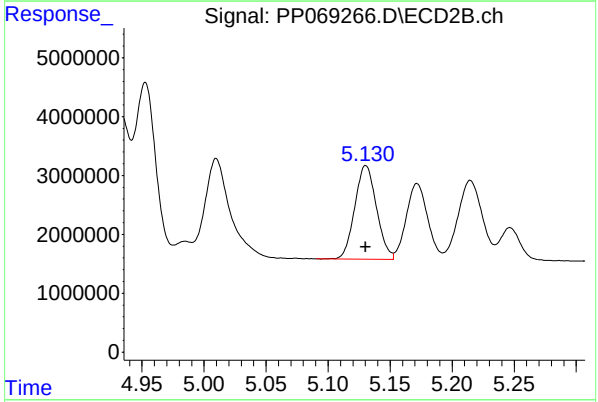
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 34727927
Conc: 758.90 ng/ml



#5 AR-1016-3

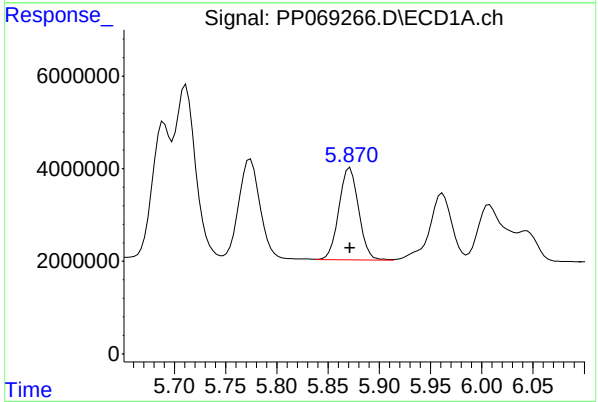
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 31097527
Conc: 741.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



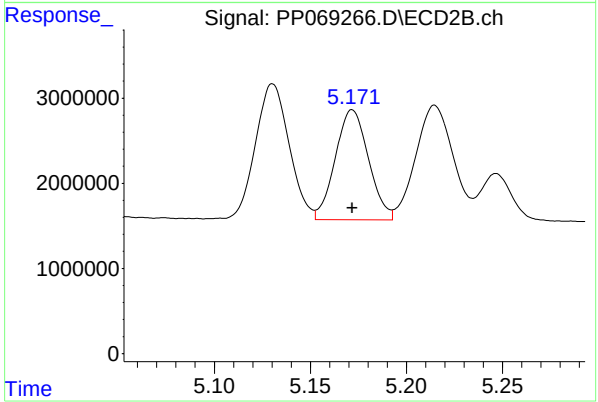
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 19360462
Conc: 767.62 ng/ml



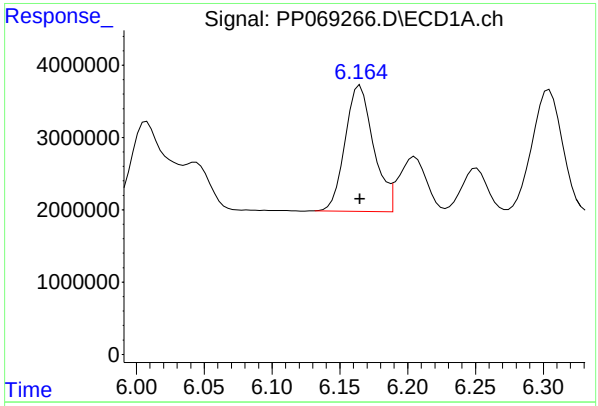
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 26477855
Conc: 751.28 ng/ml



#6 AR-1016-4

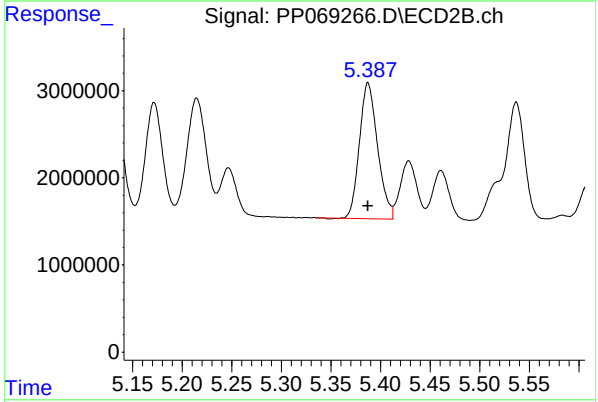
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 15495550
Conc: 760.83 ng/ml



#7 AR-1016-5

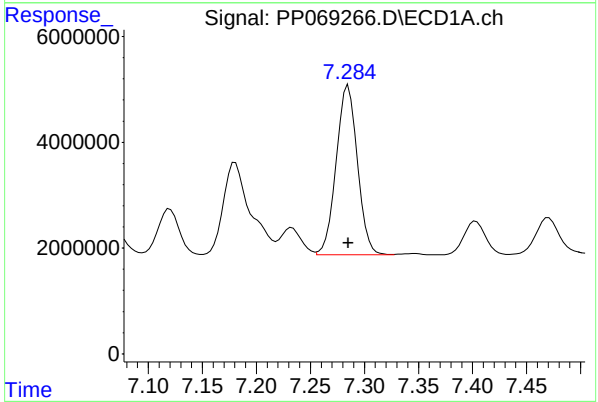
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 25368307
Conc: 753.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



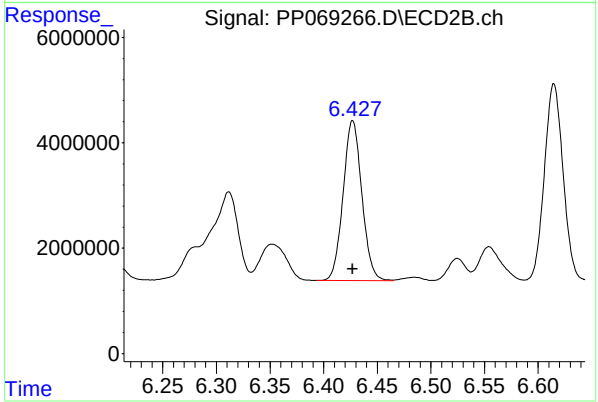
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 19857855
Conc: 755.16 ng/ml



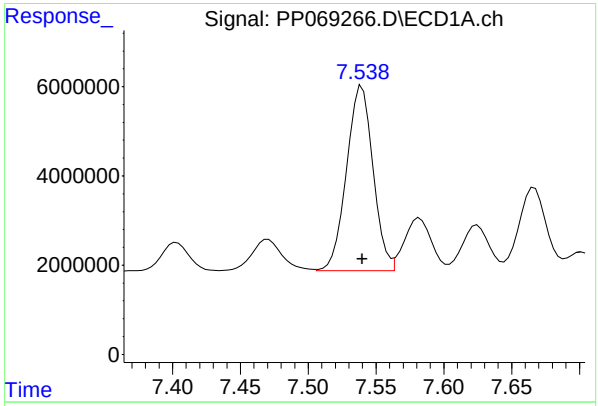
#31 AR-1260-1

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 43781138
Conc: 748.34 ng/ml



#31 AR-1260-1

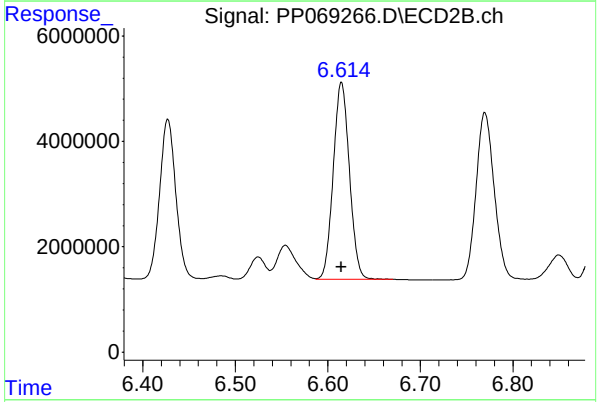
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 36912722
Conc: 768.88 ng/ml



#32 AR-1260-2

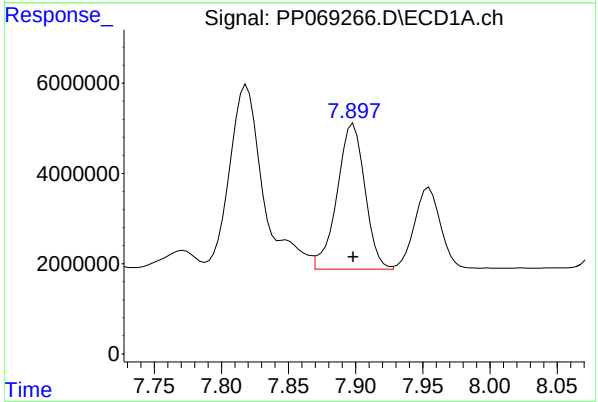
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 56422129
Conc: 749.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



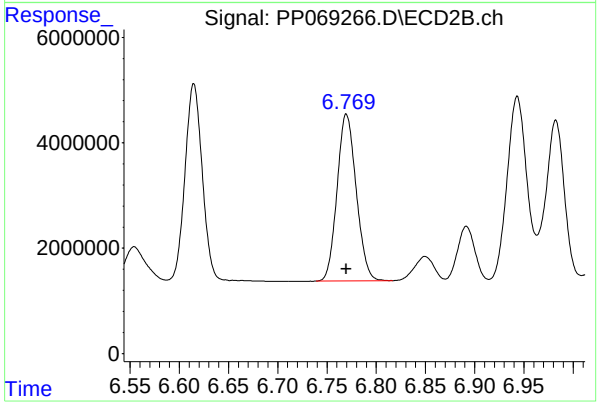
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 45385543
Conc: 759.01 ng/ml



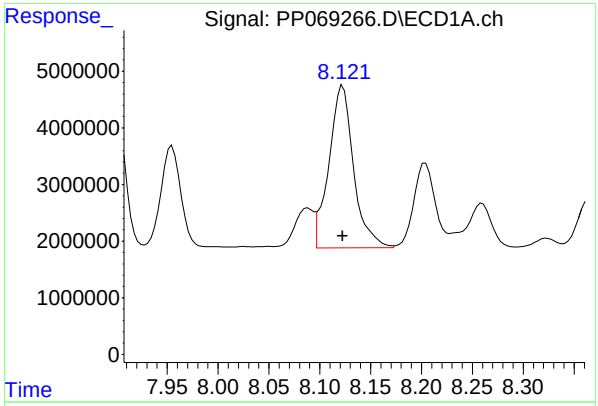
#33 AR-1260-3

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 46597139
Conc: 751.09 ng/ml



#33 AR-1260-3

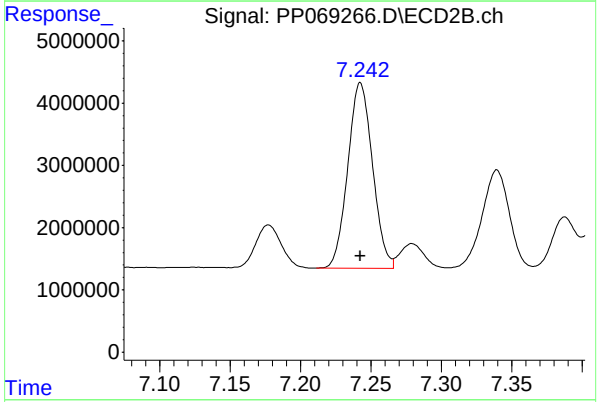
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 42836153
Conc: 771.31 ng/ml



#34 AR-1260-4

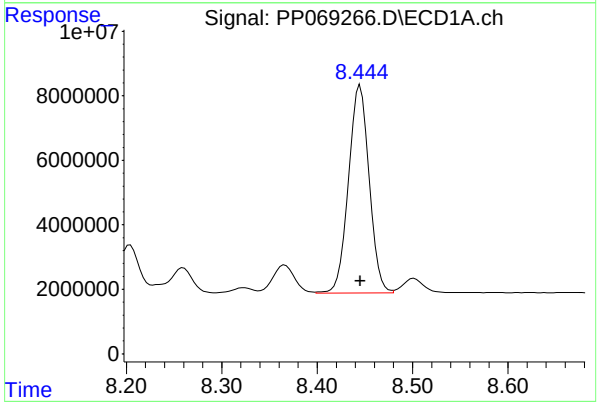
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 48551980
Conc: 750.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



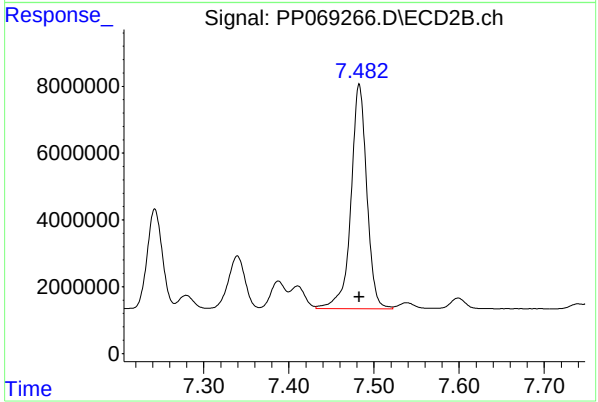
#34 AR-1260-4

R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 36438743
Conc: 774.65 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 97709365
Conc: 749.68 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 87084516
Conc: 770.14 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:10
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: Jan 28 10:41:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.840	76123507	47329852	50.000	50.000
2)	SA Decachlor...	10.279	8.911	58476460	55212996	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.692	4.934	24597370	16740468	500.000	500.000
4)	L1 AR-1016-2	5.714	4.953	35329099	23473253	500.000	500.000
5)	L1 AR-1016-3	5.776	5.130	22206817	12794594	500.000	500.000
6)	L1 AR-1016-4	5.874	5.172	18359887	10500306	500.000	500.000
7)	L1 AR-1016-5	6.167	5.388	17535770	13556639	500.000	500.000
31)	L7 AR-1260-1	7.287	6.426	30663621	24622834	500.000	500.000
32)	L7 AR-1260-2	7.541	6.615	39374261	31244422	500.000	500.000
33)	L7 AR-1260-3	7.900	6.770	32174651	28466392	500.000	500.000
34)	L7 AR-1260-4	8.125	7.242	33771200	23803698	500.000	500.000
35)	L7 AR-1260-5	8.447	7.484	67814967	56300228	500.000	500.000

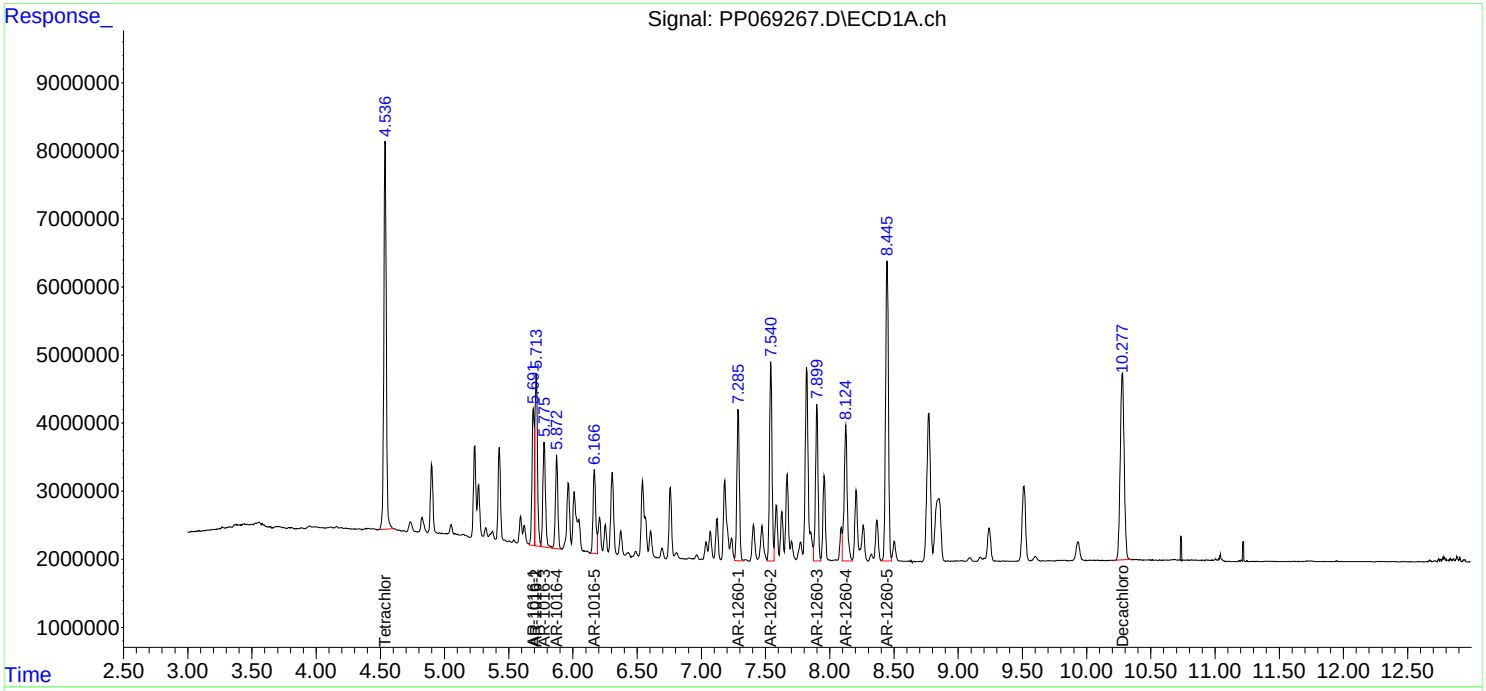
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

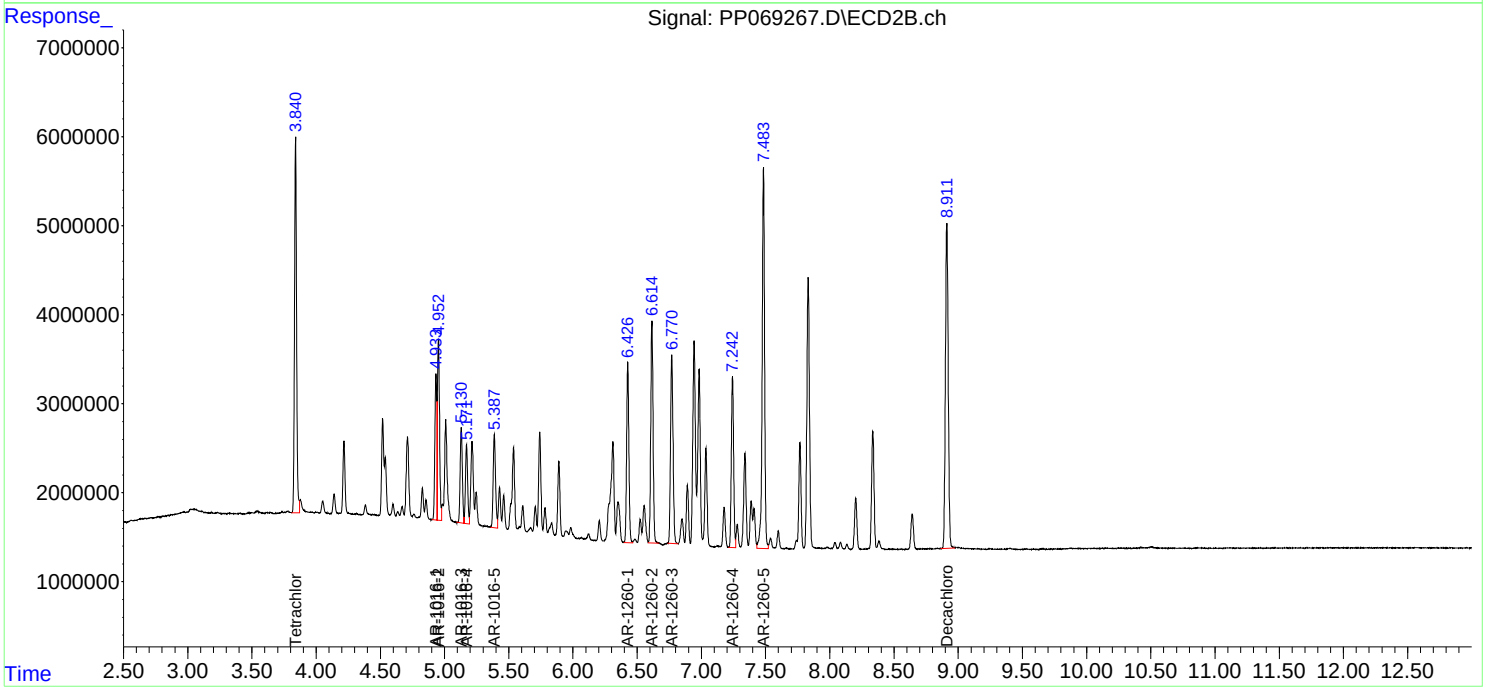
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:10
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

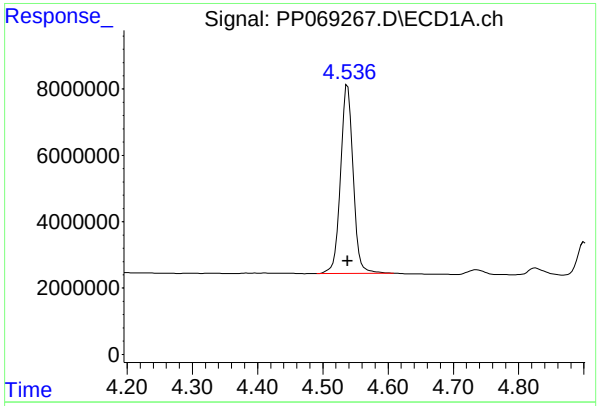
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:41:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



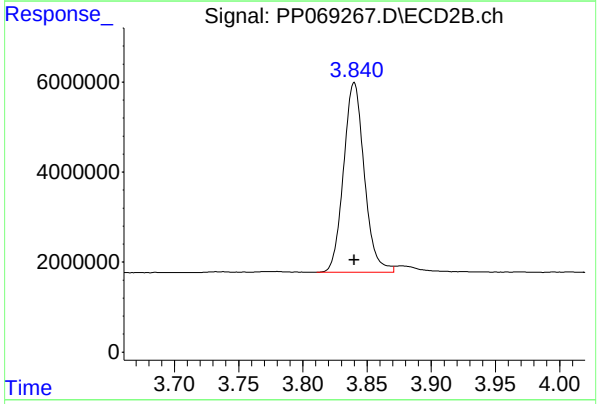




#1 Tetrachloro-m-xylene

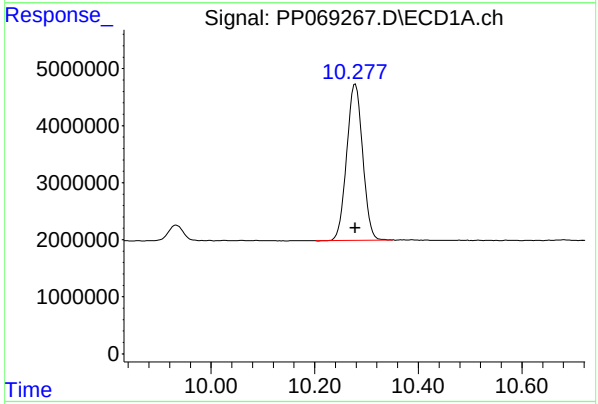
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 76123507
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



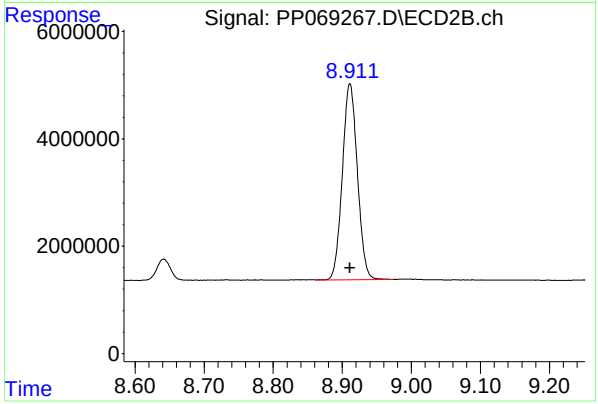
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 47329852
Conc: 50.00 ng/ml



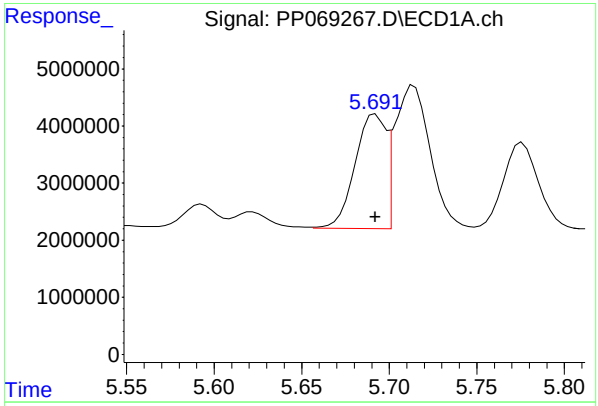
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 58476460
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

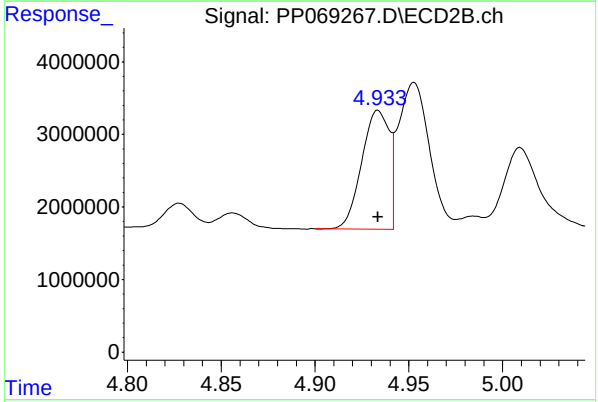
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 55212996
Conc: 50.00 ng/ml



#3 AR-1016-1

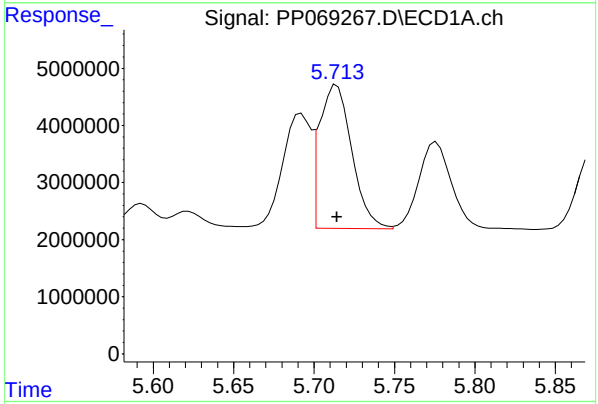
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 24597370
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



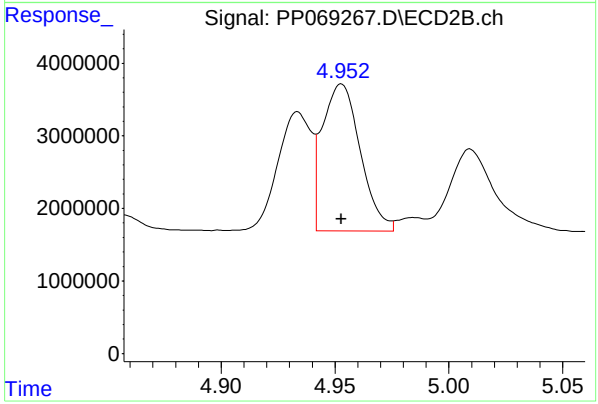
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 16740468
Conc: 500.00 ng/ml



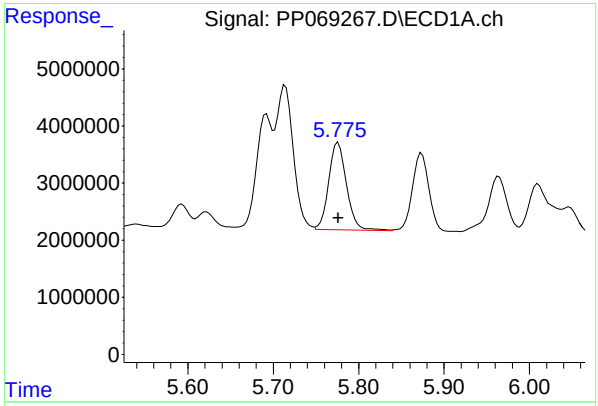
#4 AR-1016-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 35329099
Conc: 500.00 ng/ml



#4 AR-1016-2

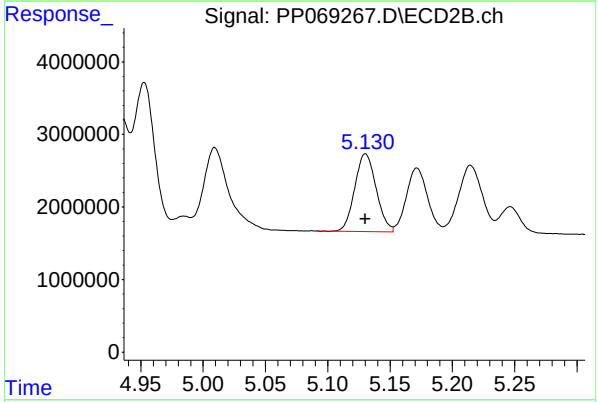
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 23473253
Conc: 500.00 ng/ml



#5 AR-1016-3

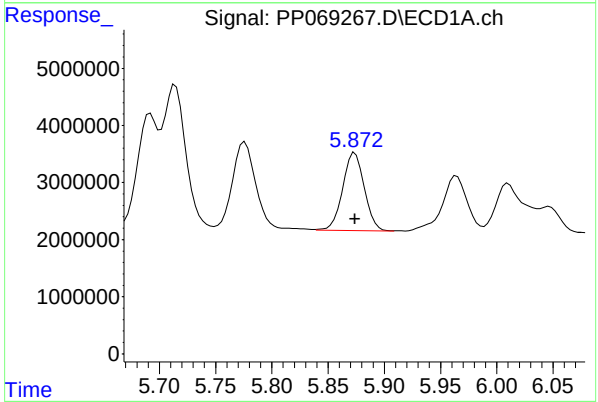
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 22206817
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



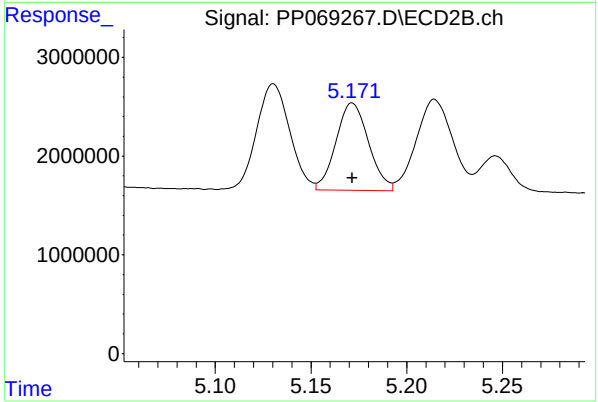
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 12794594
Conc: 500.00 ng/ml



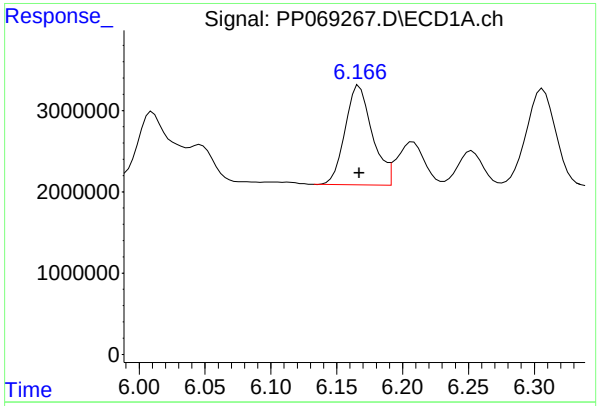
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 18359887
Conc: 500.00 ng/ml



#6 AR-1016-4

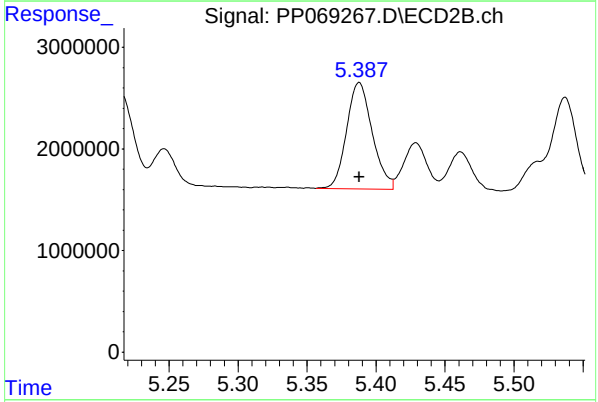
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10500306
Conc: 500.00 ng/ml



#7 AR-1016-5

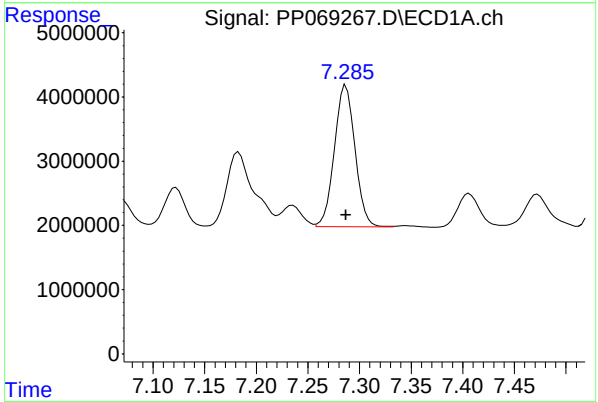
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 17535770
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



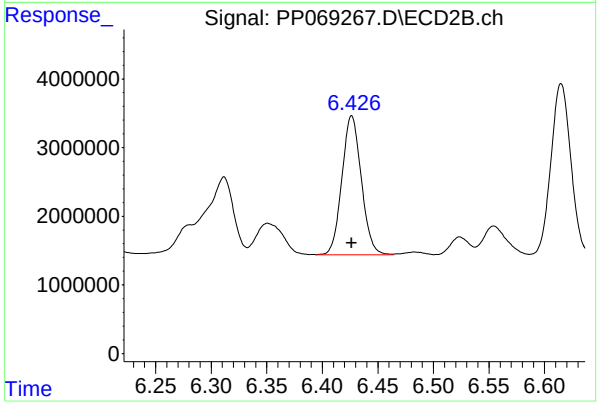
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 13556639
Conc: 500.00 ng/ml



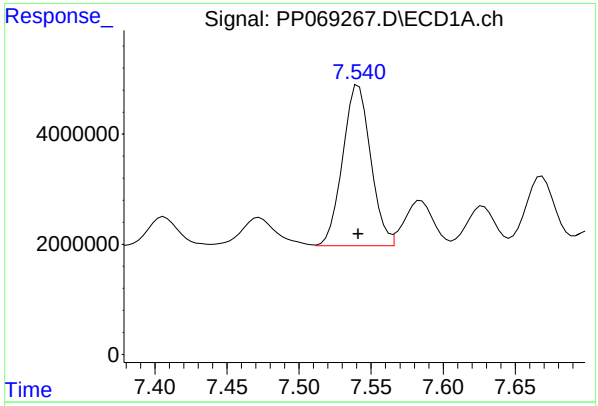
#31 AR-1260-1

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 30663621
Conc: 500.00 ng/ml



#31 AR-1260-1

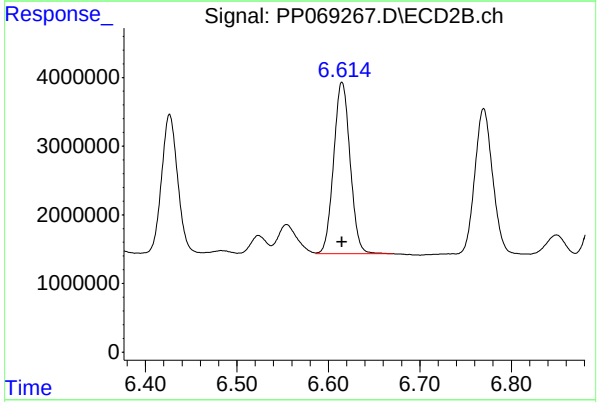
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 24622834
Conc: 500.00 ng/ml



#32 AR-1260-2

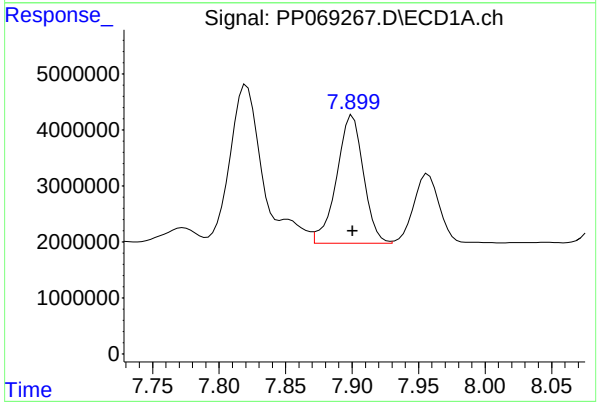
R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 39374261
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



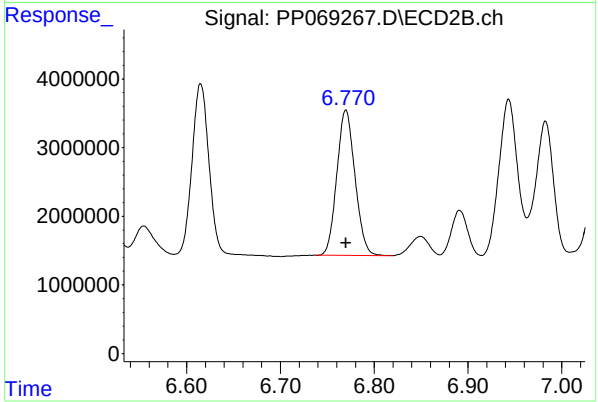
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 31244422
Conc: 500.00 ng/ml



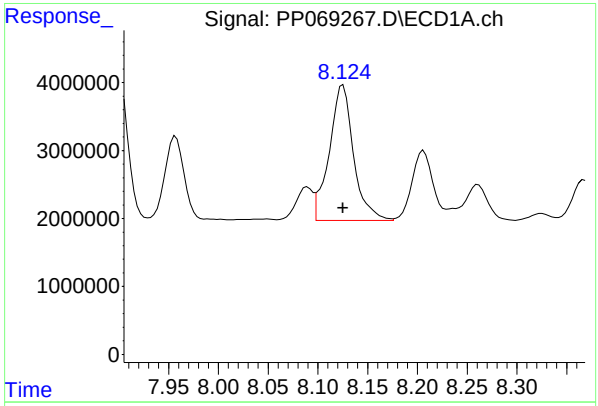
#33 AR-1260-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 32174651
Conc: 500.00 ng/ml



#33 AR-1260-3

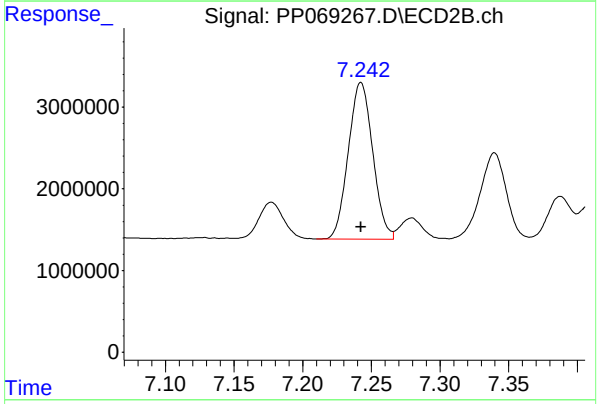
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 28466392
Conc: 500.00 ng/ml



#34 AR-1260-4

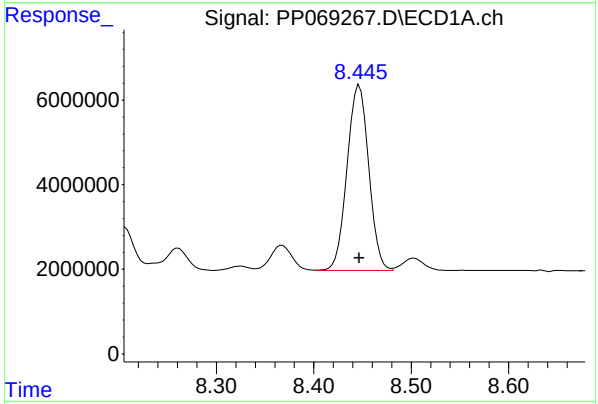
R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 33771200
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



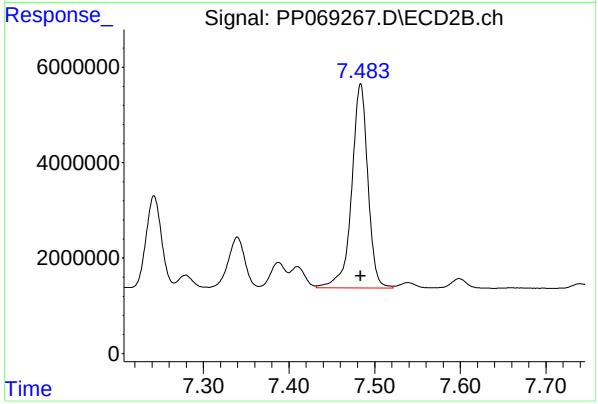
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 23803698
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.447 min
Delta R.T.: 0.000 min
Response: 67814967
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 56300228
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:26
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: Jan 28 10:49:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.840	39276963	24793376	26.194	26.354
2)	SA Decachlor...	10.275	8.911	31087394	33225807	27.041	28.951
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.933	12563303	9488743	264.330	277.802
4)	L1 AR-1016-2	5.711	4.953	18984700	12921784	268.817	273.521
5)	L1 AR-1016-3	5.773	5.130	12148331	7146935	278.728	274.217
6)	L1 AR-1016-4	5.870	5.172	9492997	5871865	264.240	277.672
7)	L1 AR-1016-5	6.164	5.388	9189623	7810918	266.859	283.693
31)	L7 AR-1260-1	7.284	6.426	16281711	13934776	270.640	279.024
32)	L7 AR-1260-2	7.538	6.615	21334462	17223796	274.253	277.488
33)	L7 AR-1260-3	7.897	6.770	17319183	16433686	271.253	282.919
34)	L7 AR-1260-4	8.121	7.242	18337608	13582568	274.347	277.980
35)	L7 AR-1260-5	8.443	7.483	36124405	31649507	269.836	271.772

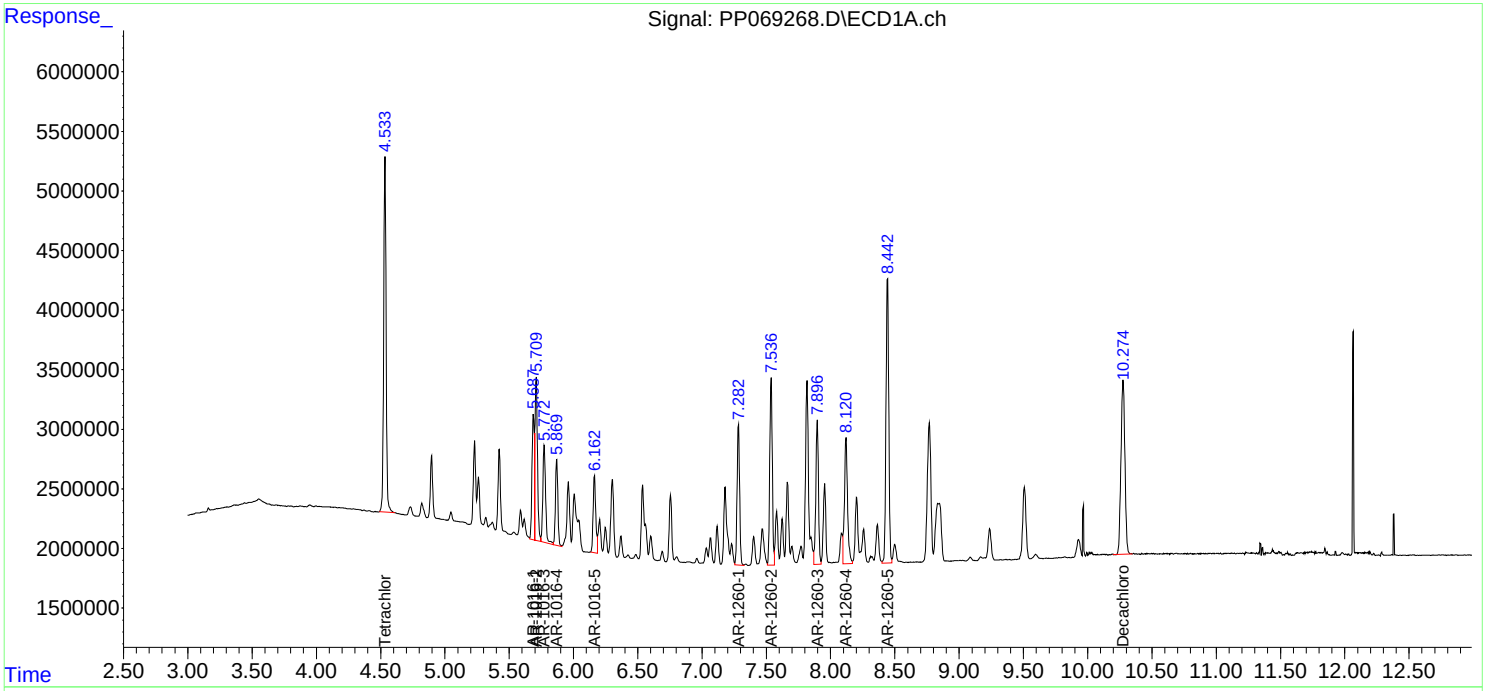
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

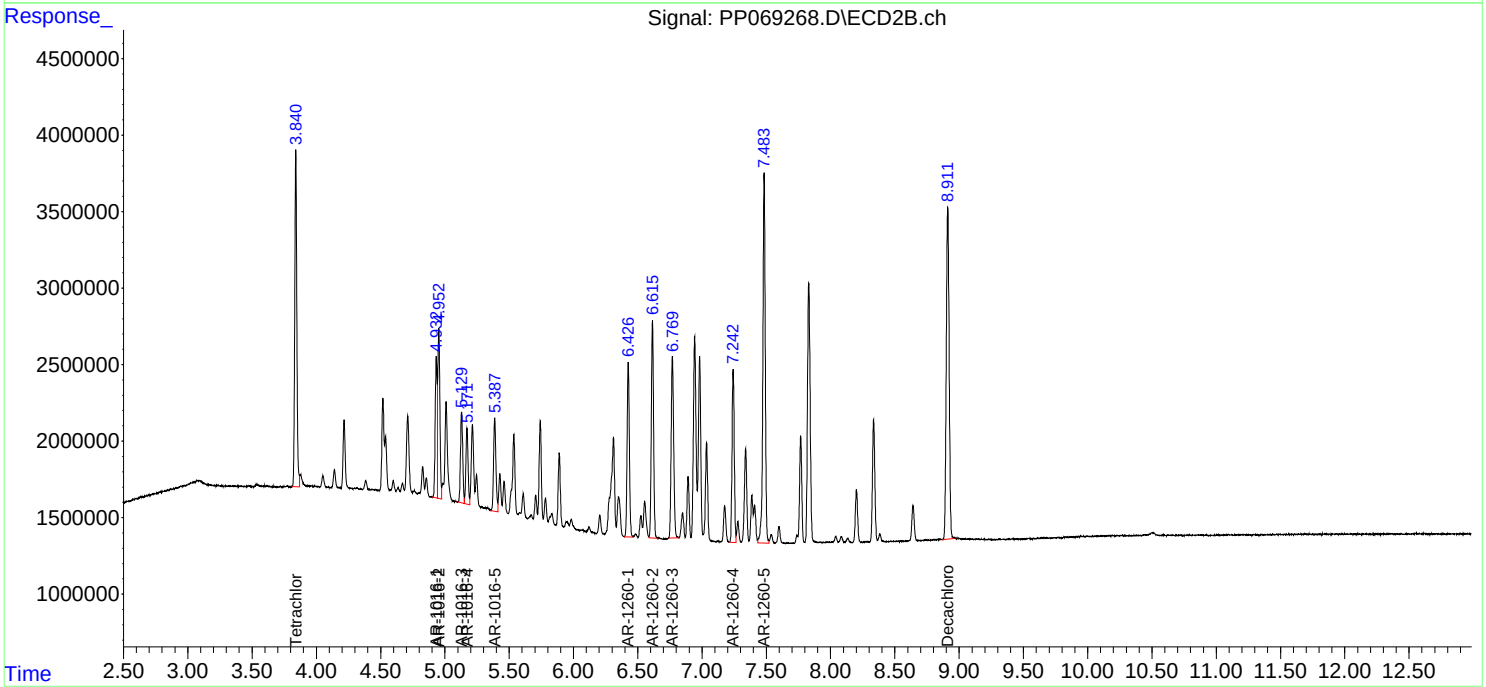
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:26
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

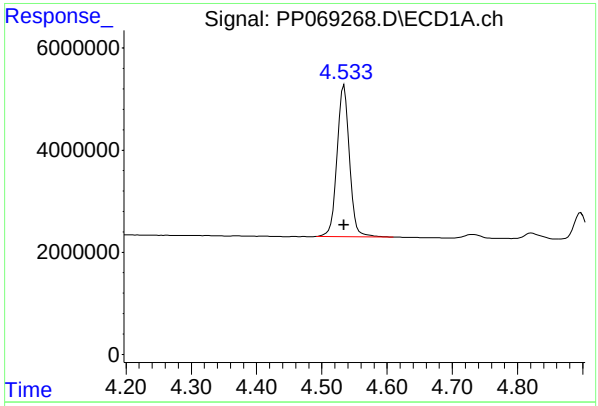
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:49:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



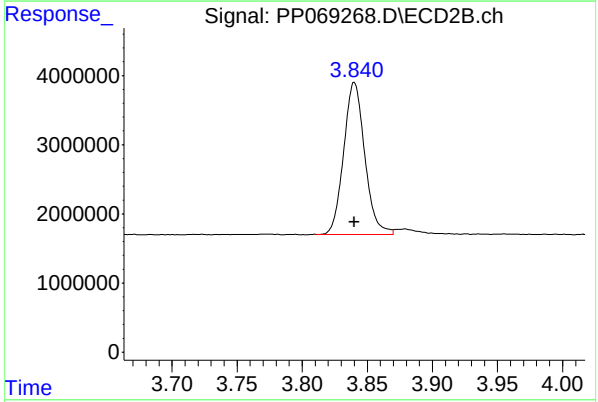




#1 Tetrachloro-m-xylene

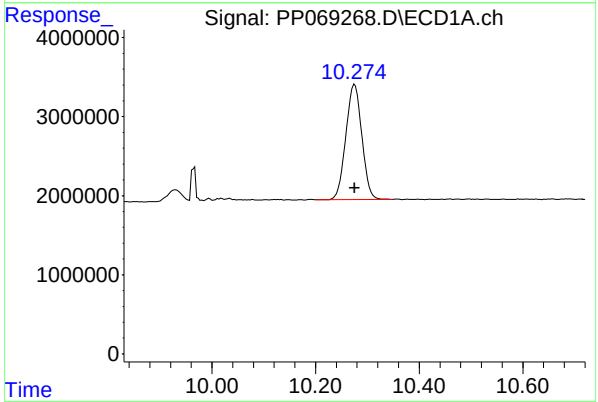
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 39276963
Conc: 26.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



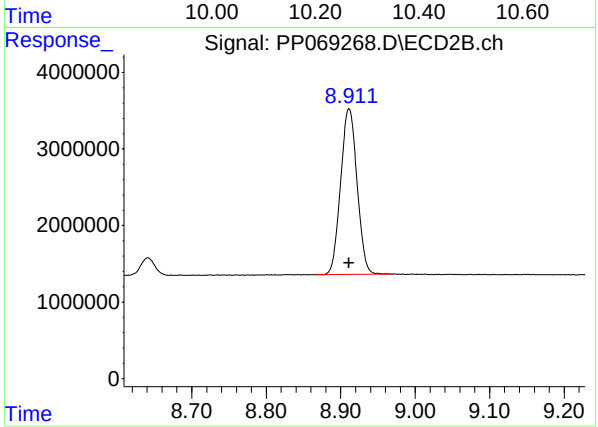
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 24793376
Conc: 26.35 ng/ml



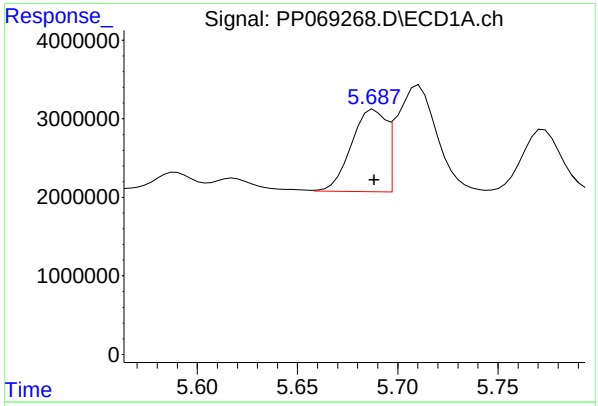
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 31087394
Conc: 27.04 ng/ml



#2 Decachlorobiphenyl

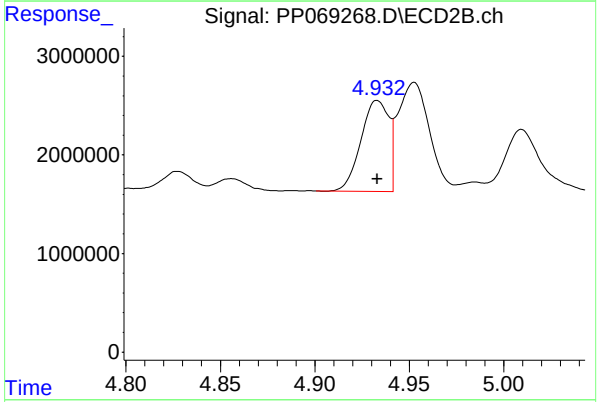
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 33225807
Conc: 28.95 ng/ml



#3 AR-1016-1

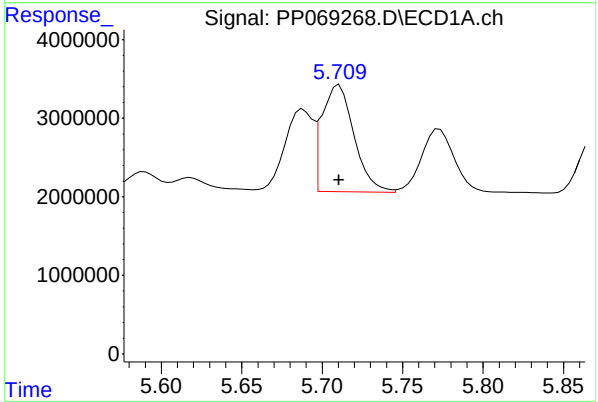
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 12563303
Conc: 264.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



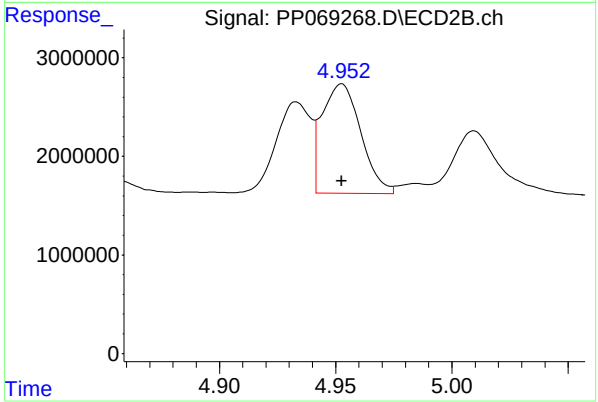
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 9488743
Conc: 277.80 ng/ml



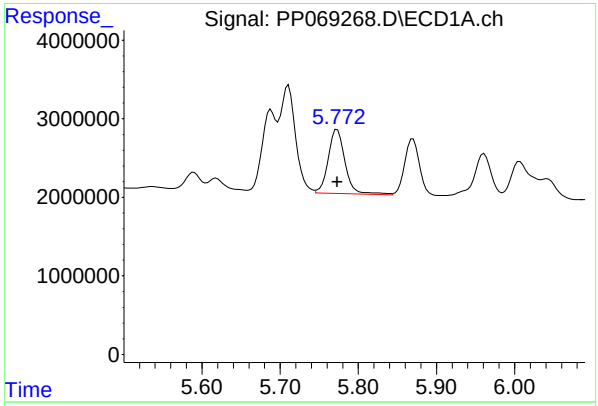
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 18984700
Conc: 268.82 ng/ml



#4 AR-1016-2

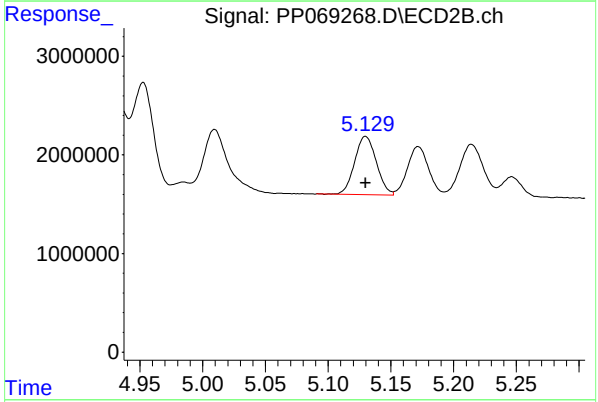
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 12921784
Conc: 273.52 ng/ml



#5 AR-1016-3

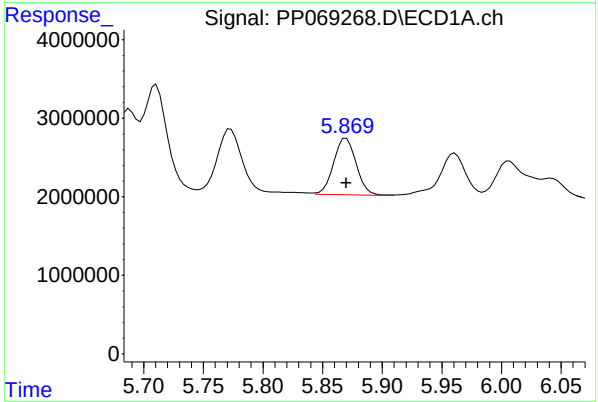
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 12148331
Conc: 278.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



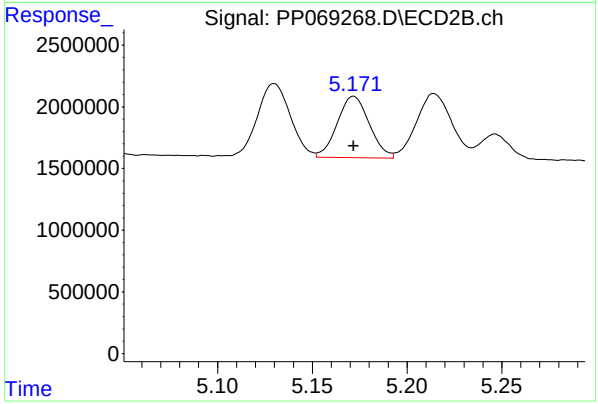
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 7146935
Conc: 274.22 ng/ml



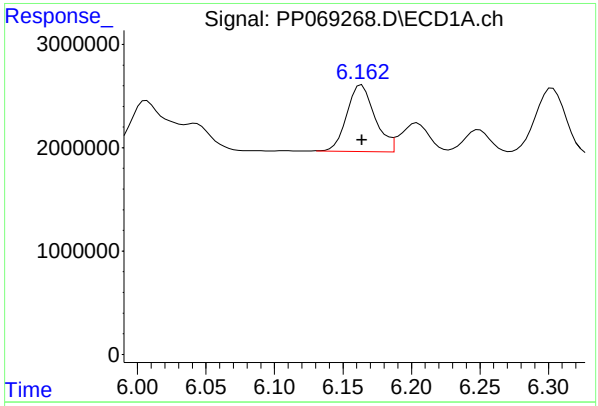
#6 AR-1016-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 9492997
Conc: 264.24 ng/ml



#6 AR-1016-4

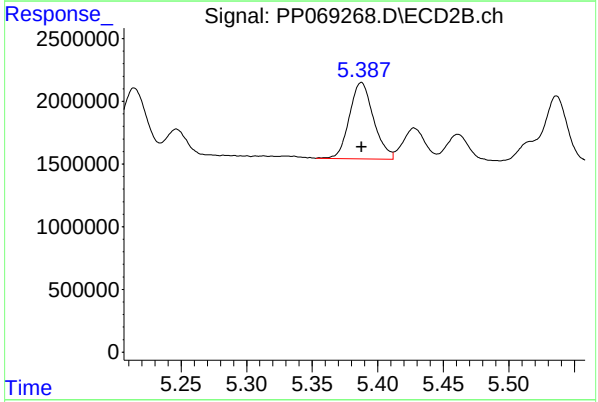
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5871865
Conc: 277.67 ng/ml



#7 AR-1016-5

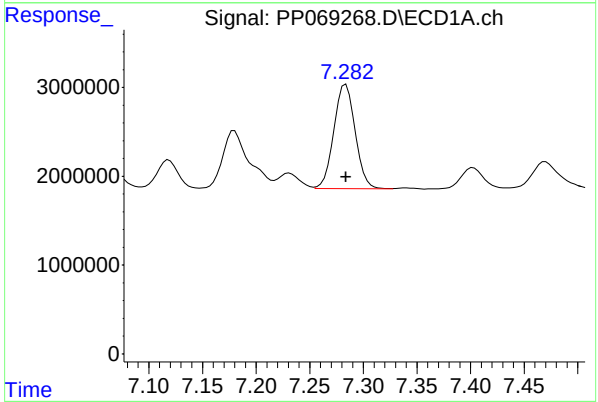
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 9189623
Conc: 266.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



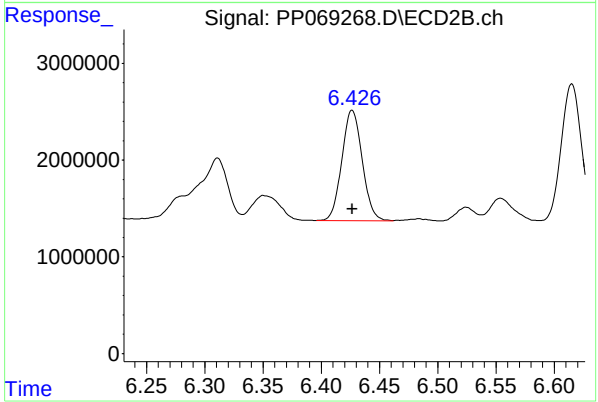
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 7810918
Conc: 283.69 ng/ml



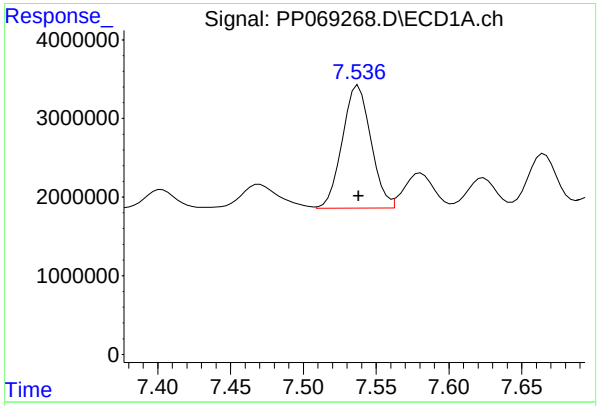
#31 AR-1260-1

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 16281711
Conc: 270.64 ng/ml



#31 AR-1260-1

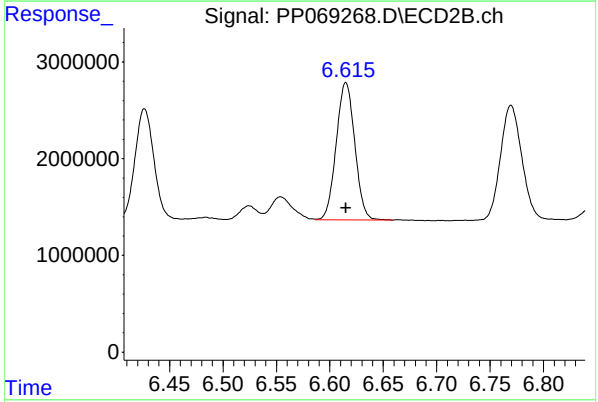
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 13934776
Conc: 279.02 ng/ml



#32 AR-1260-2

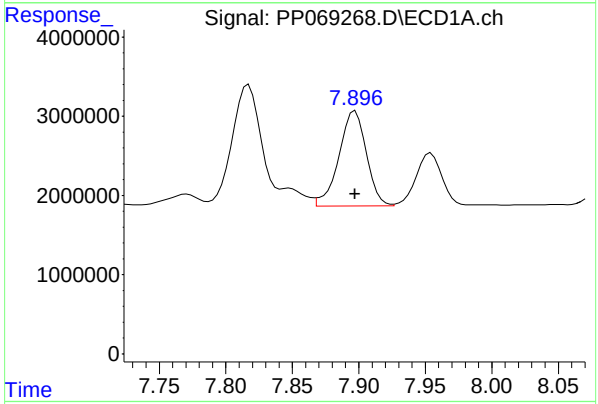
R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 21334462
Conc: 274.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



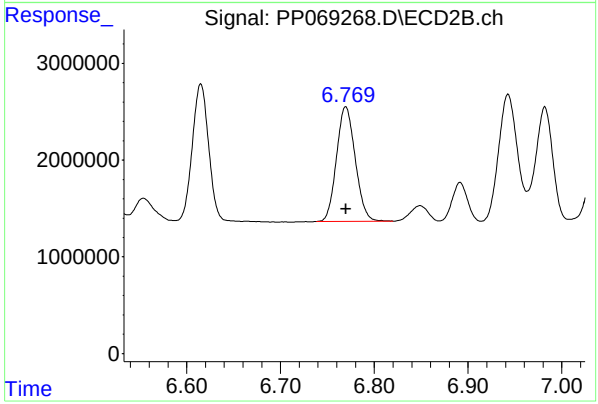
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 17223796
Conc: 277.49 ng/ml



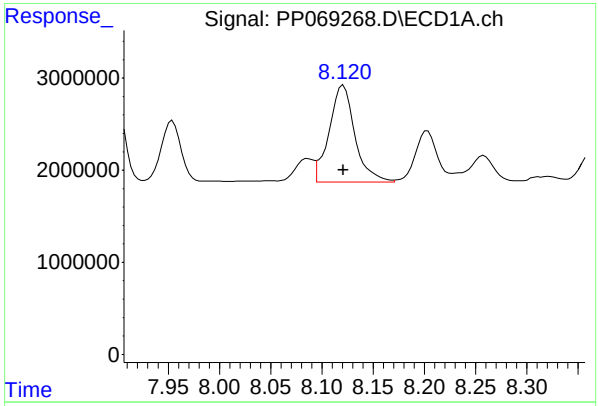
#33 AR-1260-3

R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 17319183
Conc: 271.25 ng/ml



#33 AR-1260-3

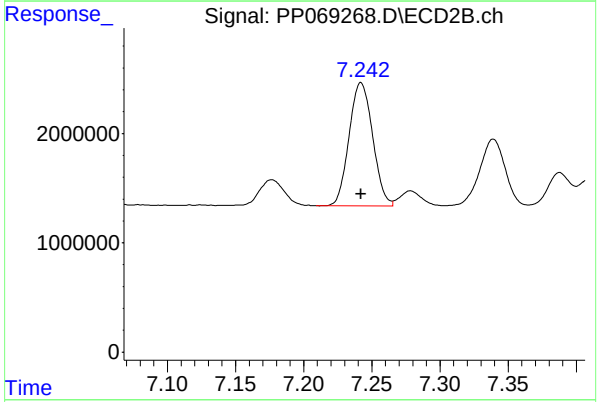
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 16433686
Conc: 282.92 ng/ml



#34 AR-1260-4

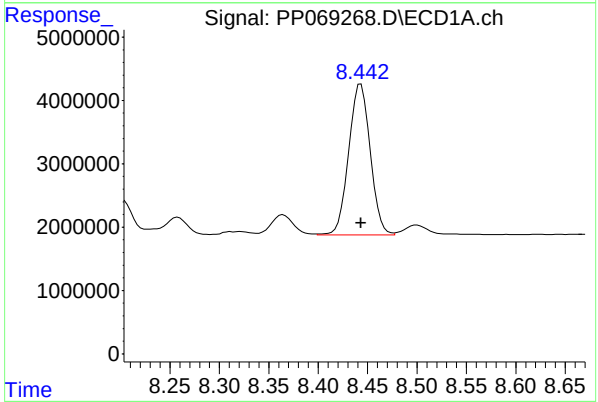
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 18337608
Conc: 274.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



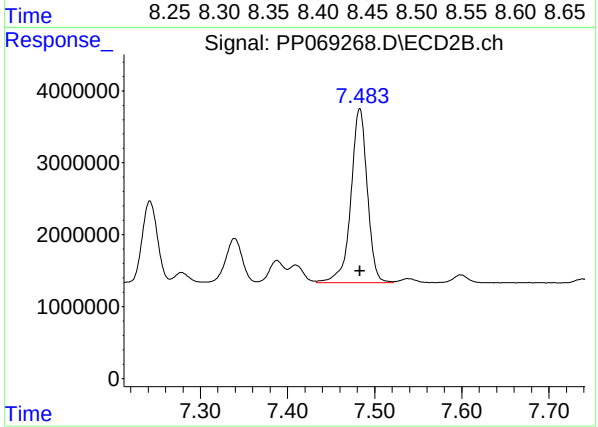
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 13582568
Conc: 277.98 ng/ml



#35 AR-1260-5

R.T.: 8.443 min
Delta R.T.: 0.000 min
Response: 36124405
Conc: 269.84 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 31649507
Conc: 271.77 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:15
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: Jan 28 11:26:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 11:25:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.840	5797759	3498051	4.050	3.919
2)	SA Decachlor...	10.277	8.911	4329284	5008609	3.961	4.478
	Target Compounds						
3)	L1 AR-1016-1	5.689	4.933	2077472	1322446	44.838	40.547
4)	L1 AR-1016-2	5.712	4.952	2844694	1791138	41.909	39.840
5)	L1 AR-1016-3	5.775	5.131	1932164	1008385	45.360	40.523
6)	L1 AR-1016-4	5.871	5.171	1564979	819718	44.713	40.588
7)	L1 AR-1016-5	6.165	5.388	1377377	1199380	41.665	44.713
31)	L7 AR-1260-1	7.286	6.427	2577078	2069154	44.101	42.902
32)	L7 AR-1260-2	7.540	6.614	3894980	2911857	50.056	47.499
33)	L7 AR-1260-3	7.899	6.770	2860067	3421860	45.747	56.883
34)	L7 AR-1260-4	8.123	7.242	3126001	1844576	47.380	39.696
35)	L7 AR-1260-5	8.445	7.483	5956423	4495023	45.495	40.443

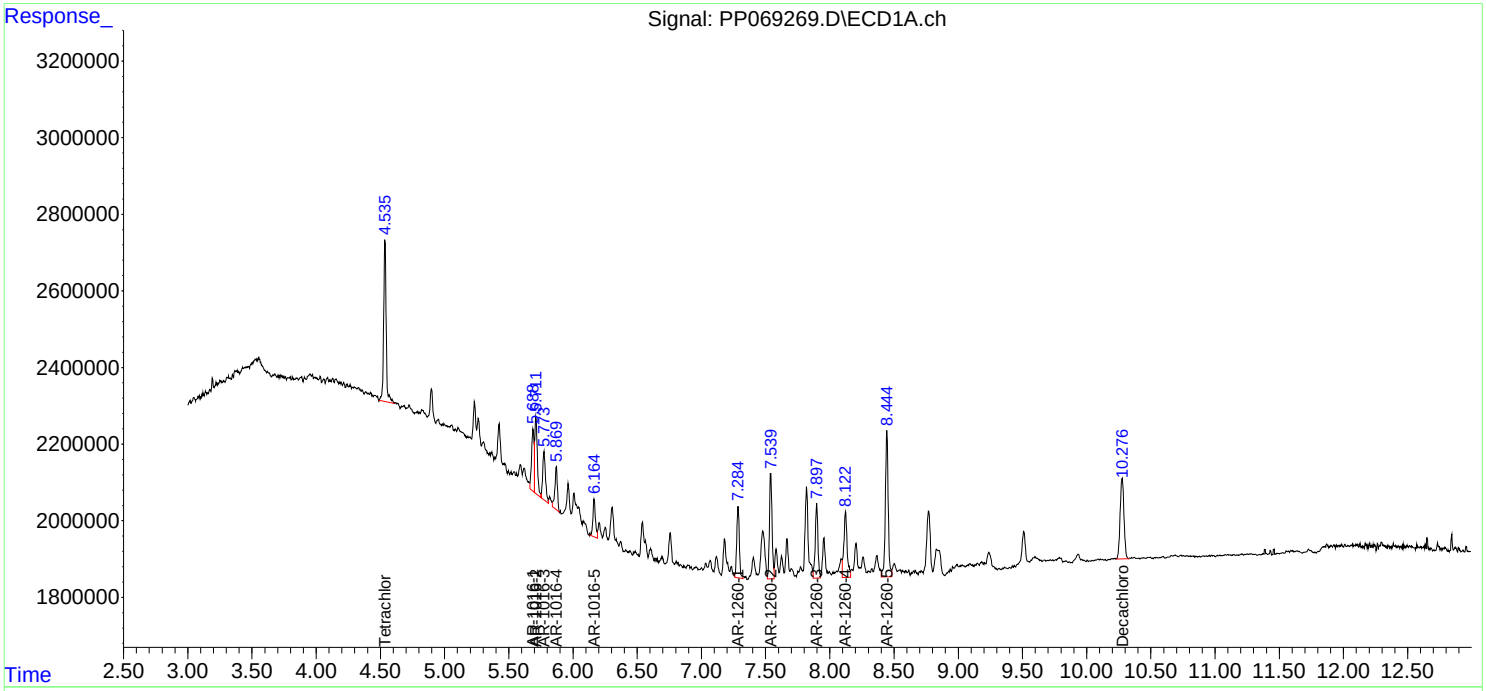
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

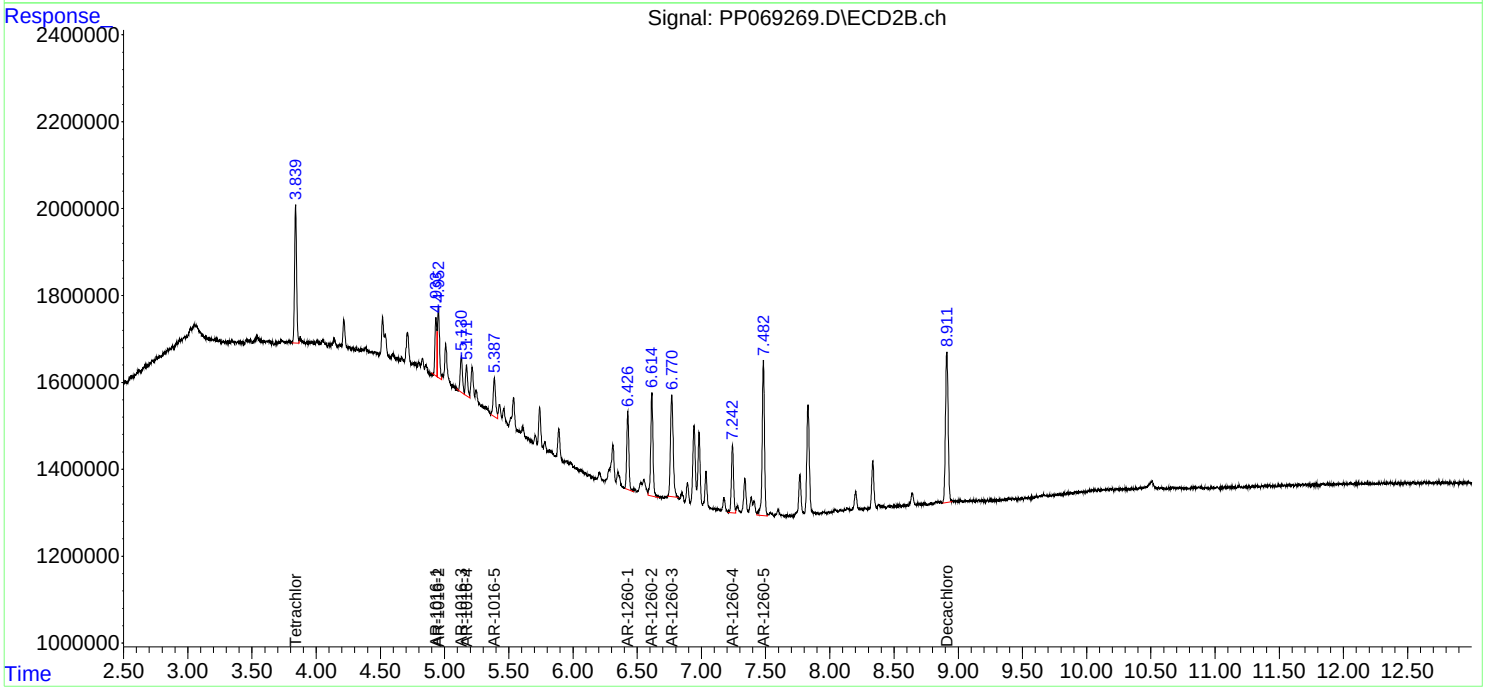
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:15
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

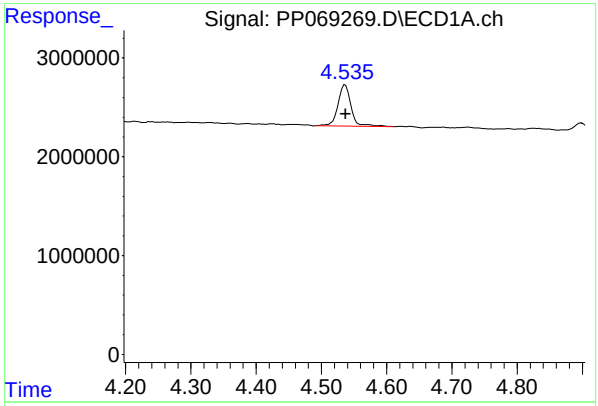
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 11:26:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 11:25:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



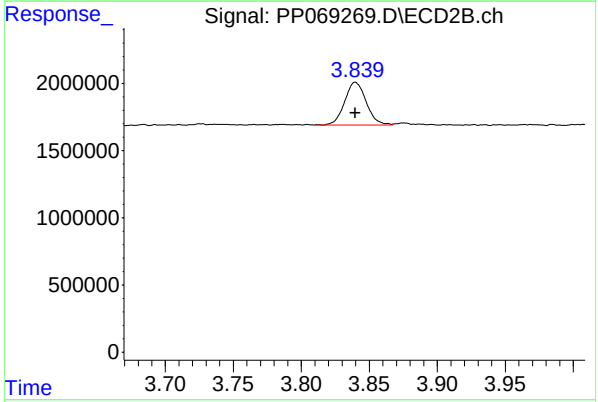




#1 Tetrachloro-m-xylene

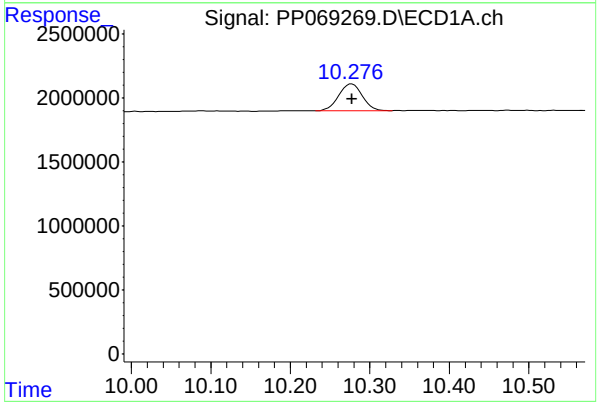
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 5797759
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



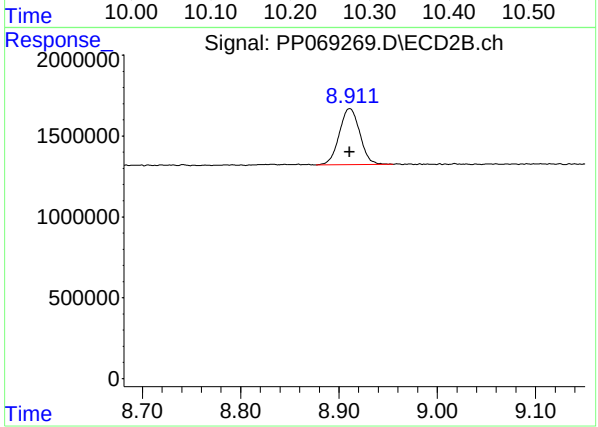
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 3498051
Conc: 3.92 ng/ml



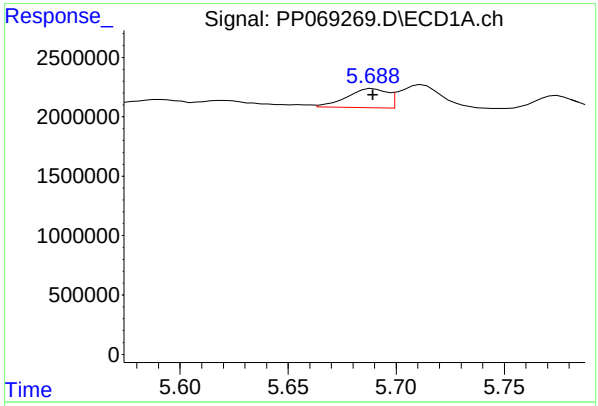
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4329284
Conc: 3.96 ng/ml



#2 Decachlorobiphenyl

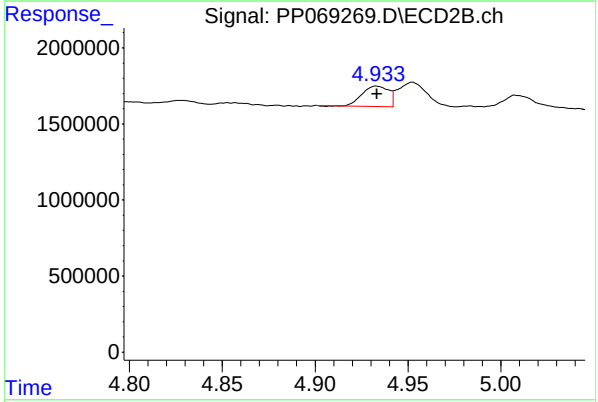
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 5008609
Conc: 4.48 ng/ml



#3 AR-1016-1

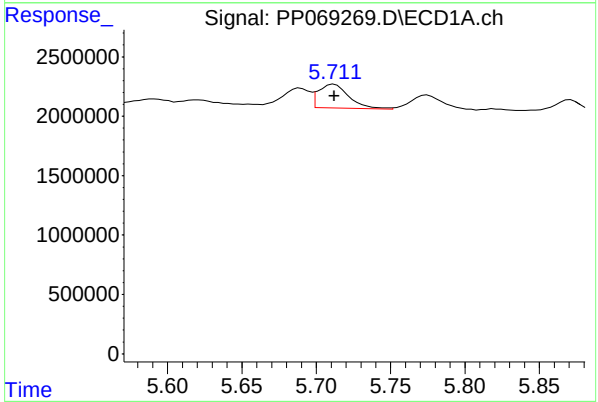
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 2077472
Conc: 44.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



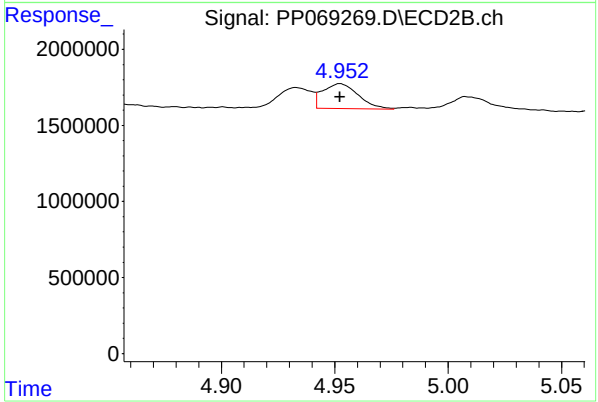
#3 AR-1016-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 1322446
Conc: 40.55 ng/ml



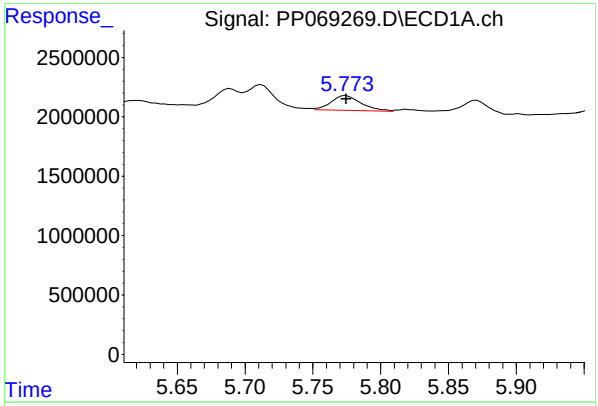
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 2844694
Conc: 41.91 ng/ml



#4 AR-1016-2

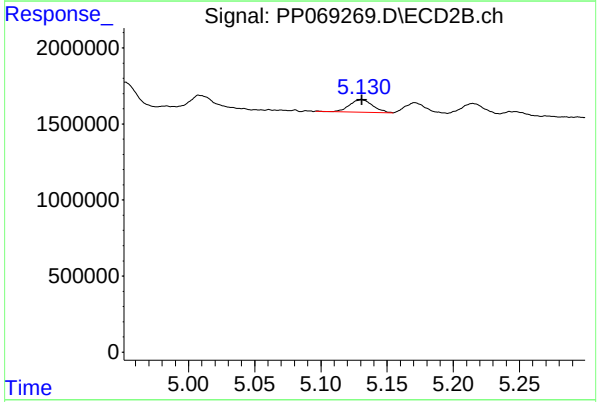
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 1791138
Conc: 39.84 ng/ml



#5 AR-1016-3

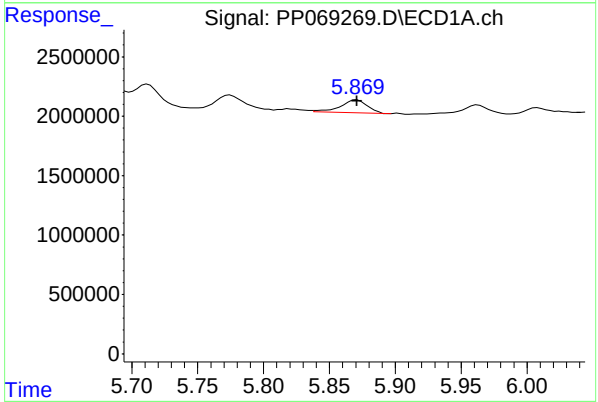
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 1932164
Conc: 45.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



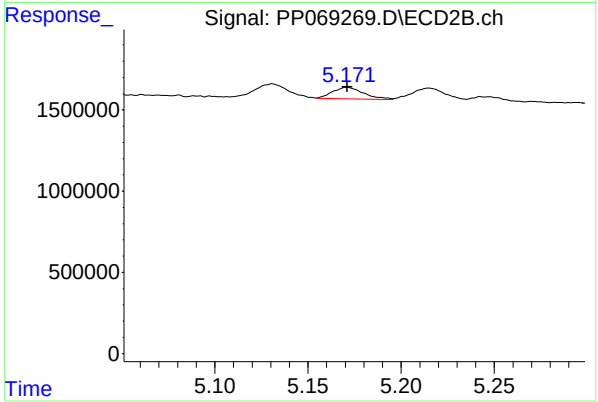
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 1008385
Conc: 40.52 ng/ml



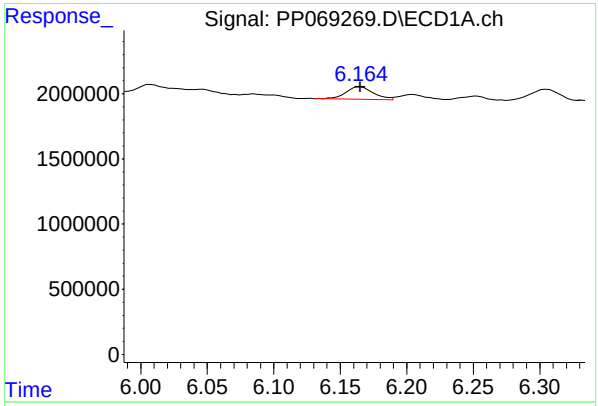
#6 AR-1016-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 1564979
Conc: 44.71 ng/ml



#6 AR-1016-4

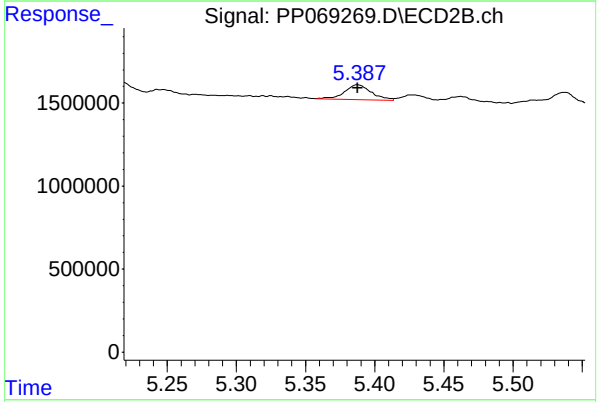
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 819718
Conc: 40.59 ng/ml



#7 AR-1016-5

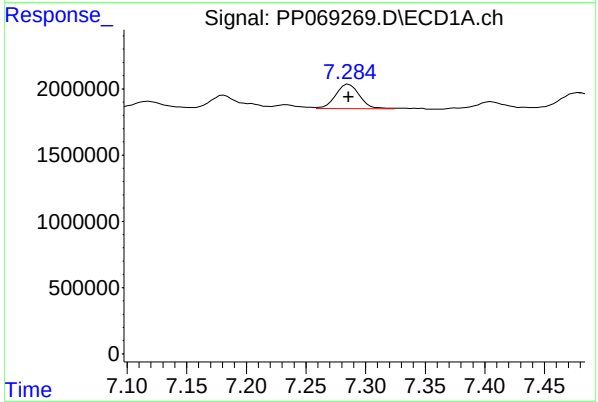
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1377377
Conc: 41.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



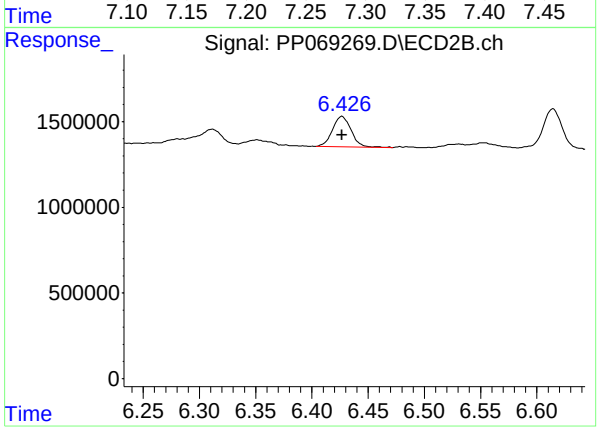
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1199380
Conc: 44.71 ng/ml



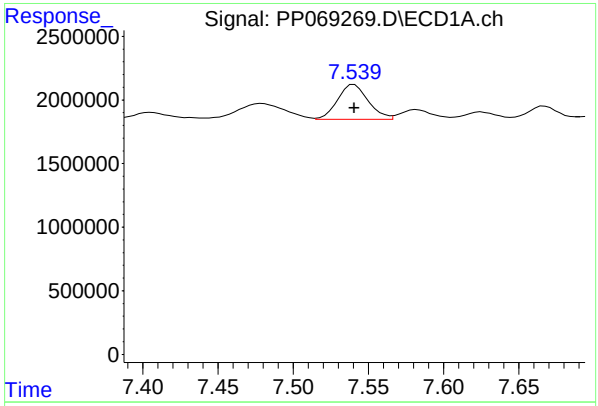
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 2577078
Conc: 44.10 ng/ml



#31 AR-1260-1

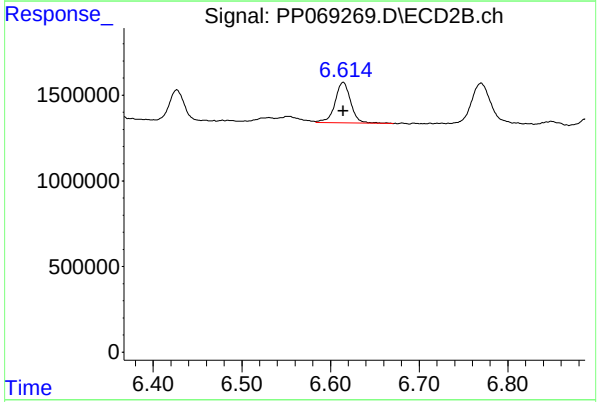
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 2069154
Conc: 42.90 ng/ml



#32 AR-1260-2

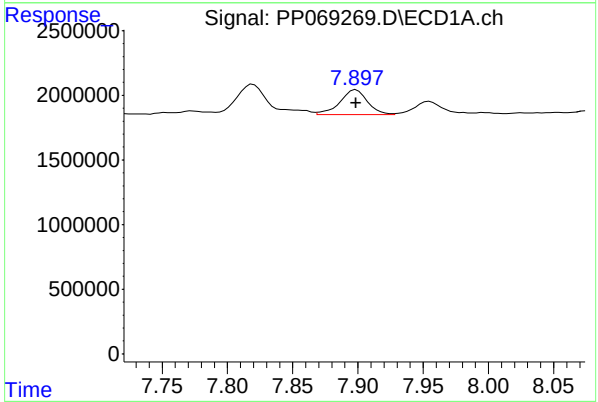
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 3894980
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



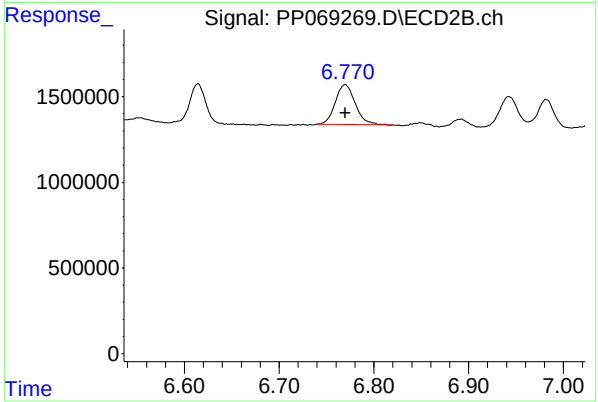
#32 AR-1260-2

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 2911857
Conc: 47.50 ng/ml



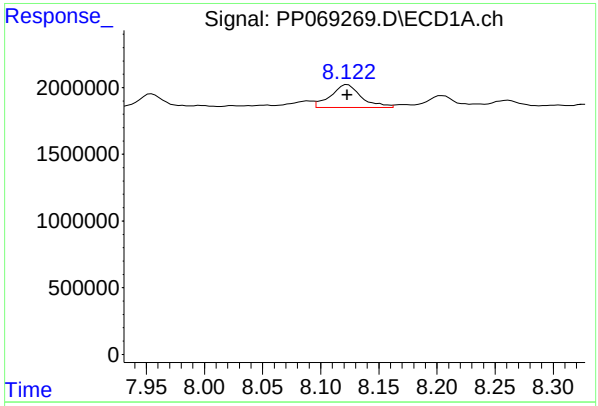
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 2860067
Conc: 45.75 ng/ml



#33 AR-1260-3

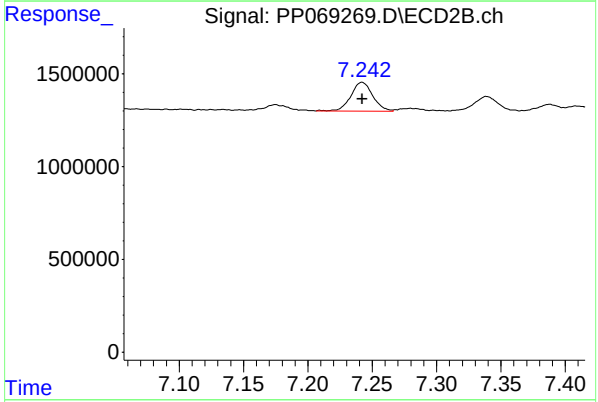
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 3421860
Conc: 56.88 ng/ml



#34 AR-1260-4

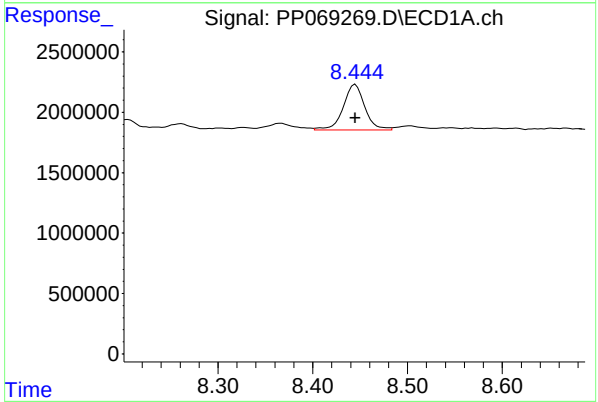
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 3126001
Conc: 47.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



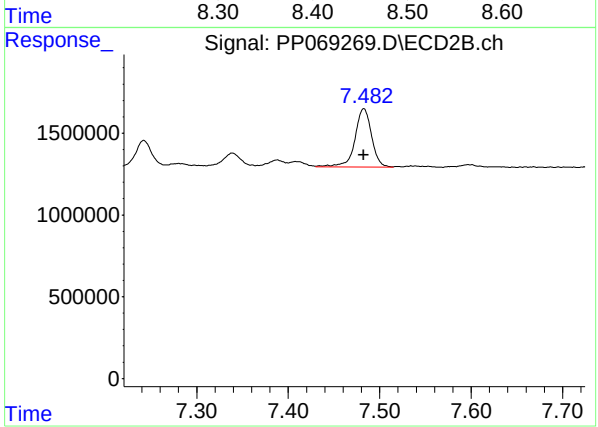
#34 AR-1260-4

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 1844576
Conc: 39.70 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 5956423
Conc: 45.49 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 4495023
Conc: 40.44 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:32
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: Jan 28 12:19:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:18:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	77593750	47197929	50.000	50.000
2)	SA Decachlor...	10.277	8.912	57060610	57628532	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.737	4.054	9509743	6159012	500.000	500.000
9)	L2 AR-1221-2	4.823	4.140	6846250	4841688	500.000	500.000
10)	L2 AR-1221-3	4.899	4.218	20971708	14587072	500.000	500.000

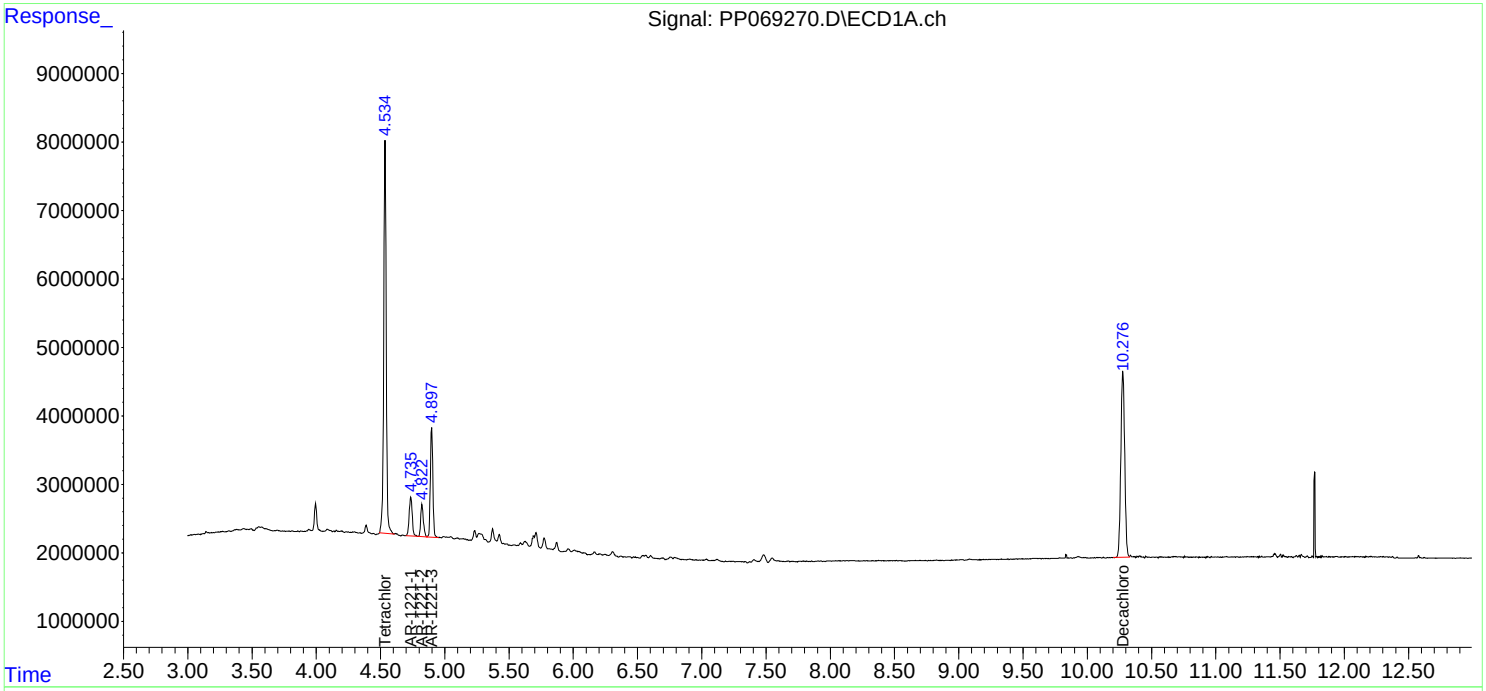
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

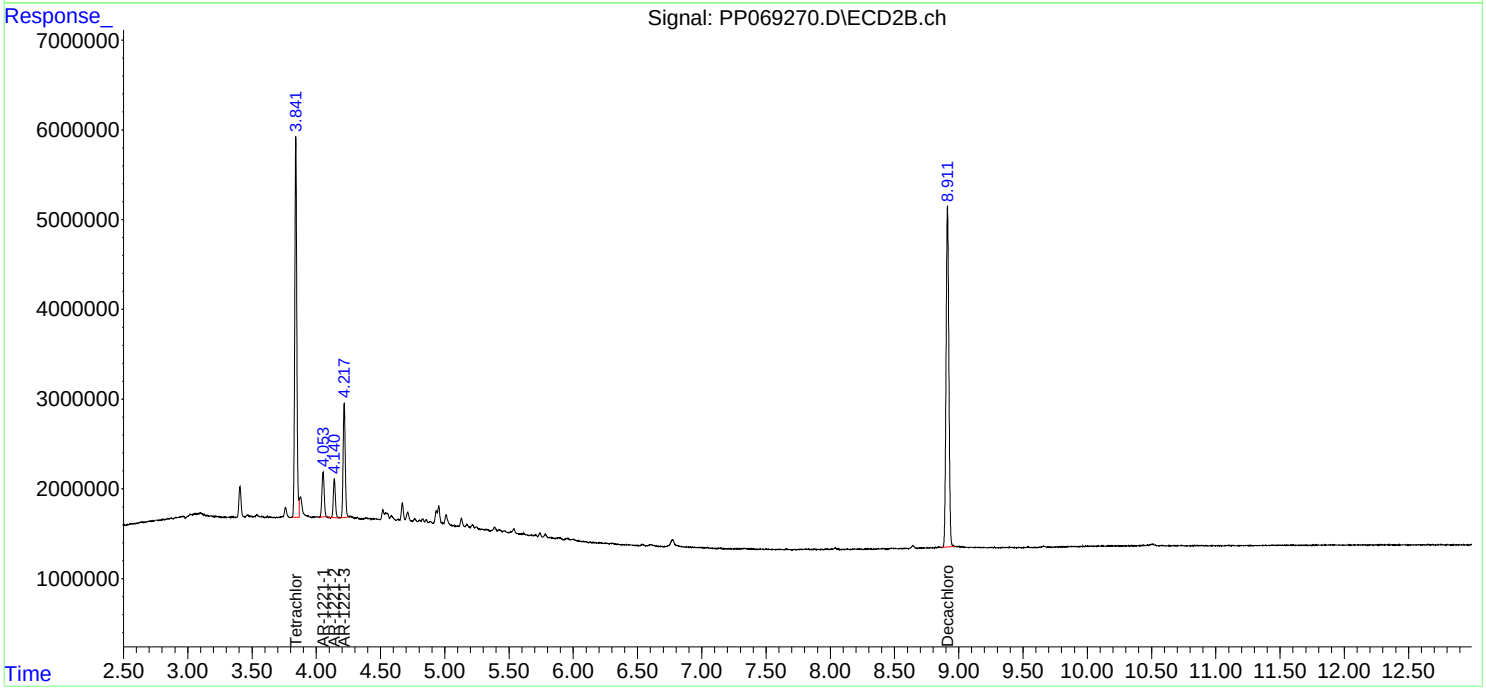
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:32
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

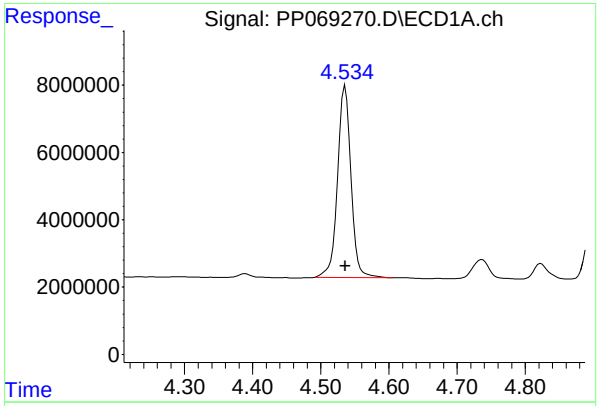
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 12:19:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:18:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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



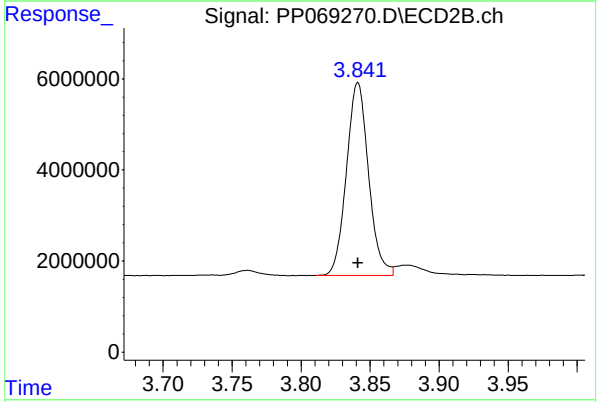




#1 Tetrachloro-m-xylene

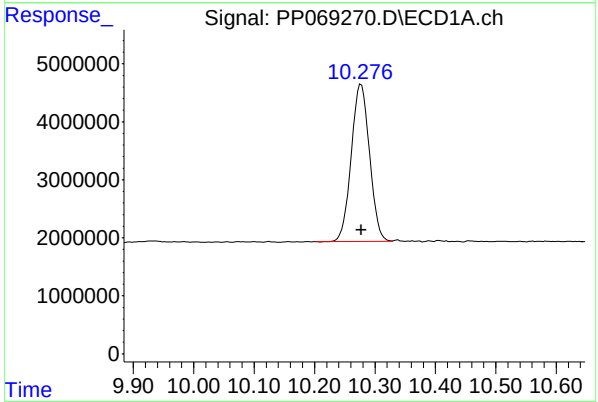
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 77593750
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



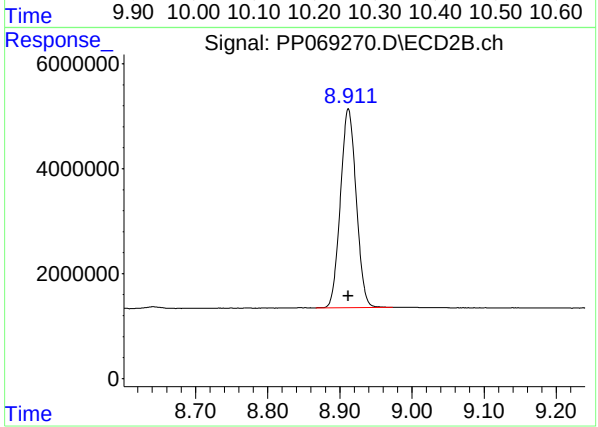
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 47197929
Conc: 50.00 ng/ml



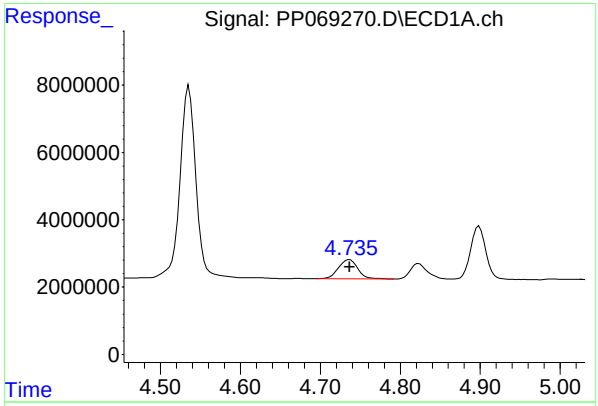
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 57060610
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

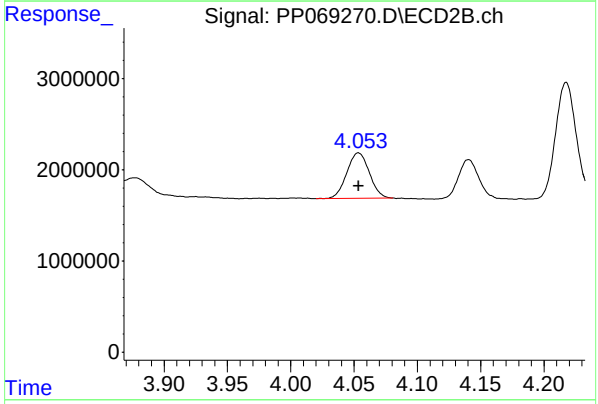
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 57628532
Conc: 50.00 ng/ml



#8 AR-1221-1

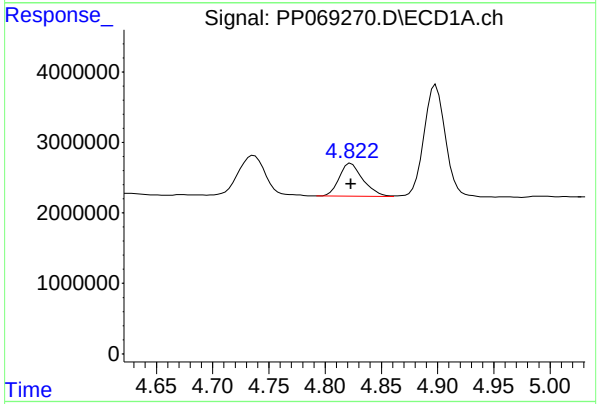
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 9509743
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



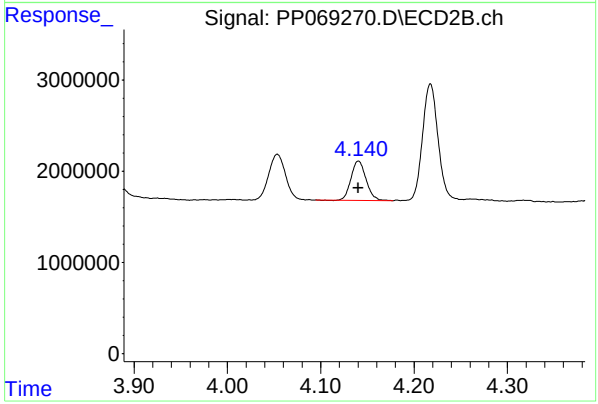
#8 AR-1221-1

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 6159012
Conc: 500.00 ng/ml



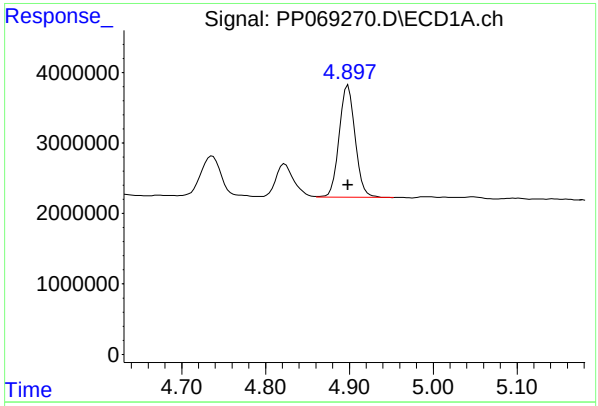
#9 AR-1221-2

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 6846250
Conc: 500.00 ng/ml



#9 AR-1221-2

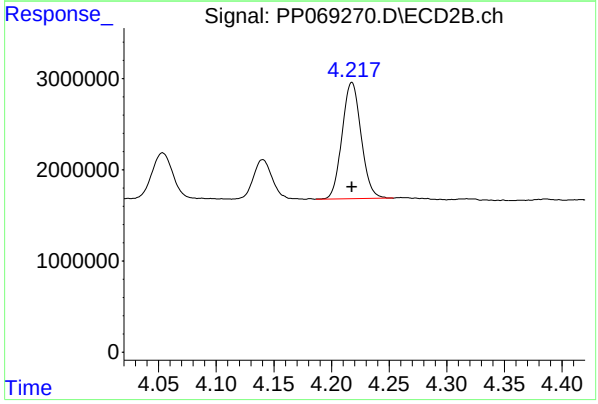
R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 4841688
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 4.899 min
Delta R.T.: 0.000 min
Response: 20971708
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 14587072
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:48
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: Jan 28 12:29:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:28:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.840	75836116	46716501	50.000	50.000
2)	SA Decachlor...	10.275	8.909	56382246	56029362	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.897	4.215	16646809	11739749	500.000	500.000
12)	L3 AR-1232-2	5.424	4.952	8171005	11785884	500.000	500.000
13)	L3 AR-1232-3	5.710	5.129	17179485	6473622	500.000	500.000
14)	L3 AR-1232-4	5.870	5.214	8908099	5543155	500.000	500.000
15)	L3 AR-1232-5	5.960	5.387	5731209	6105160	500.000	500.000

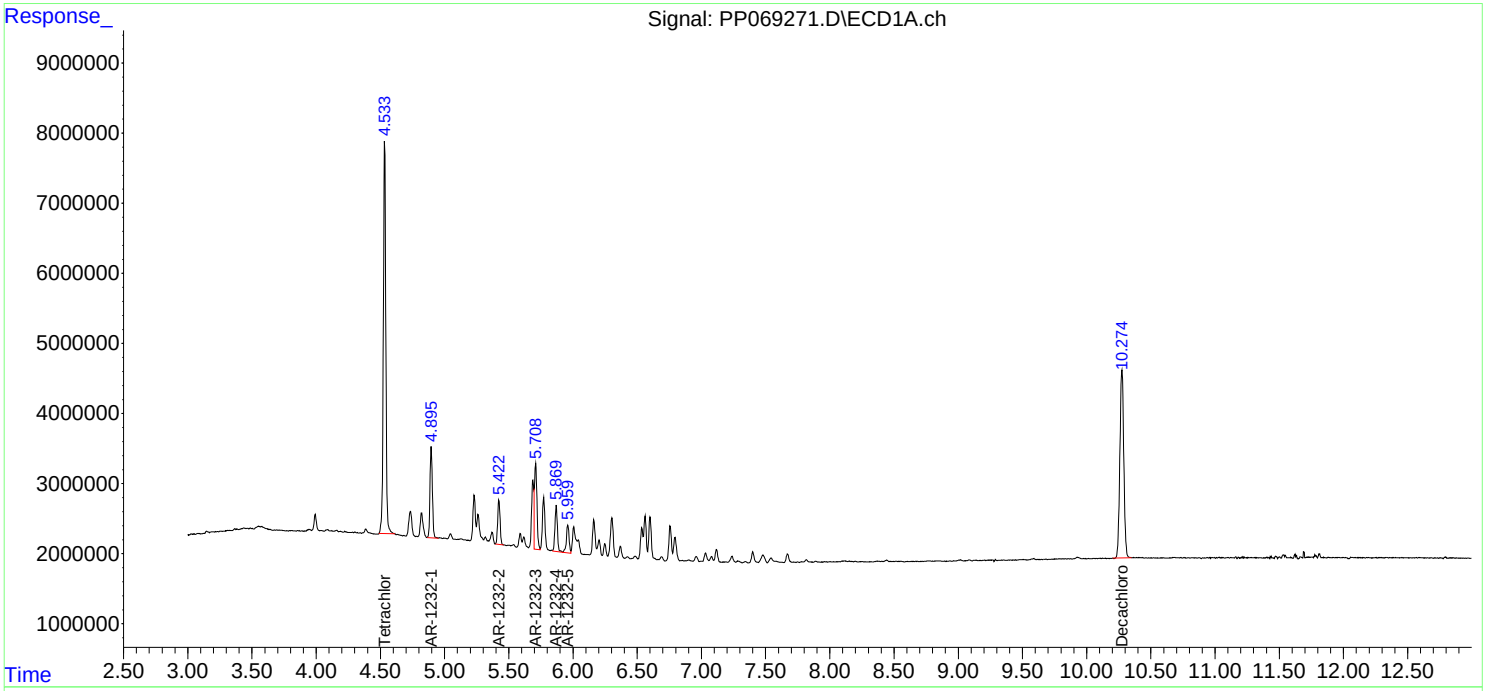
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

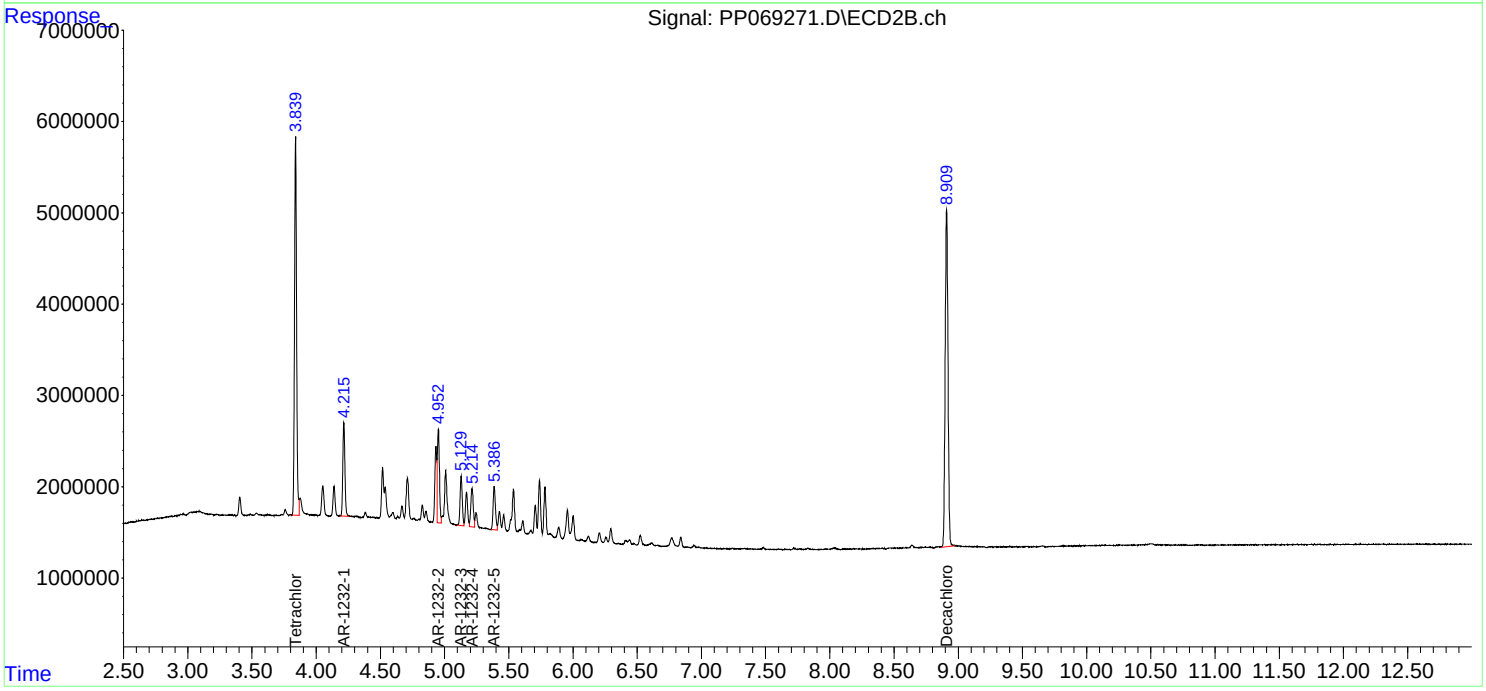
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:48
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

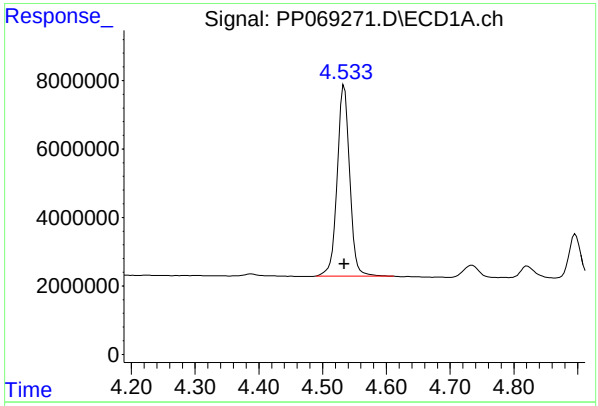
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 12:29:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 12:28:52 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



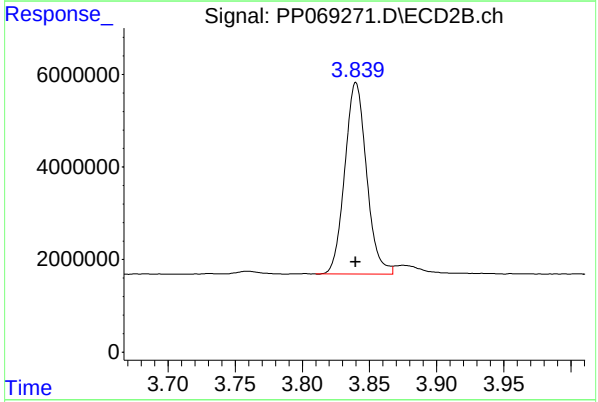




#1 Tetrachloro-m-xylene

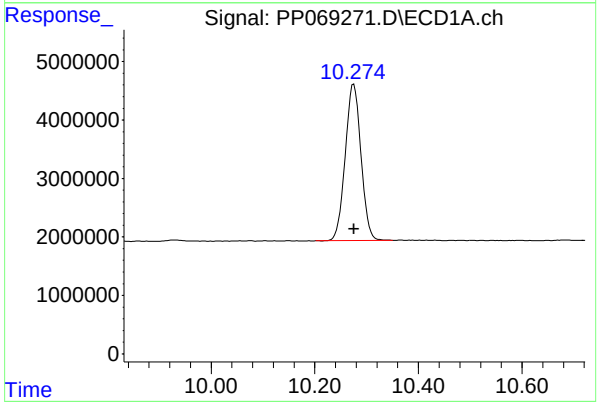
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 75836116
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



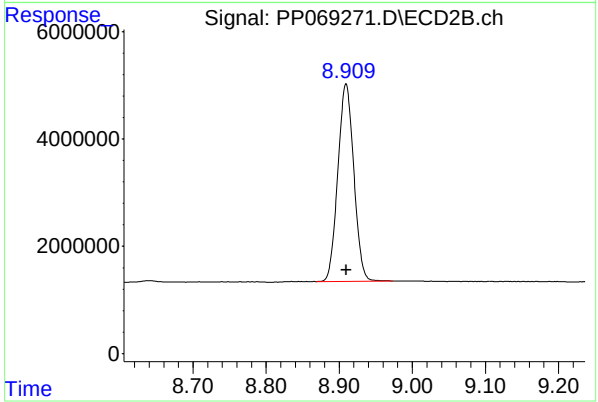
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46716501
Conc: 50.00 ng/ml



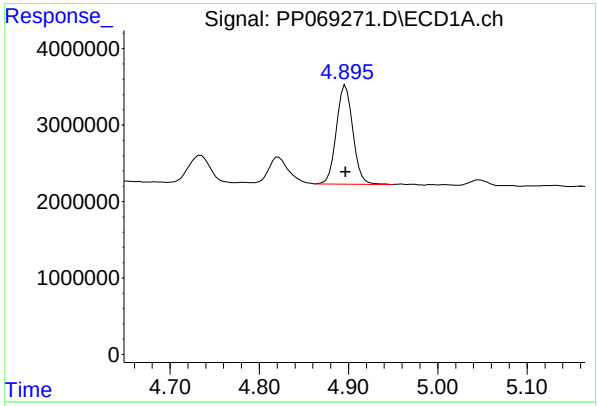
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 56382246
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

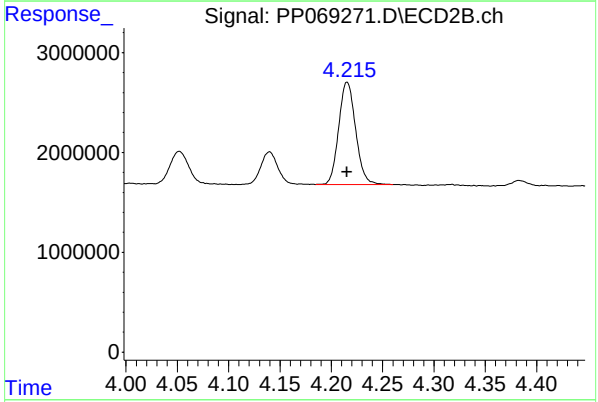
R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 56029362
Conc: 50.00 ng/ml



#11 AR-1232-1

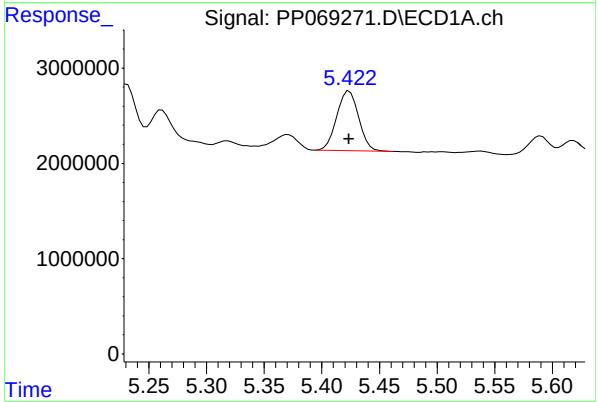
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 16646809
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



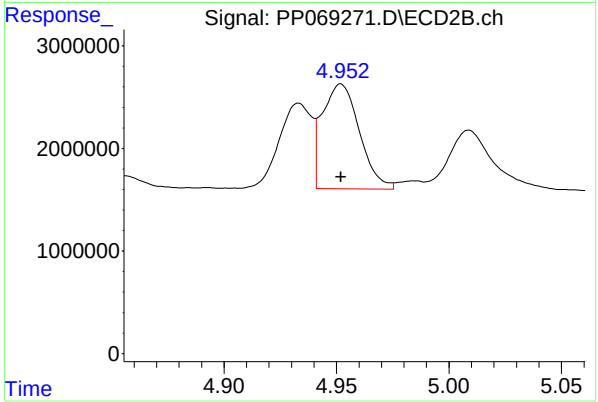
#11 AR-1232-1

R.T.: 4.215 min
Delta R.T.: 0.000 min
Response: 11739749
Conc: 500.00 ng/ml



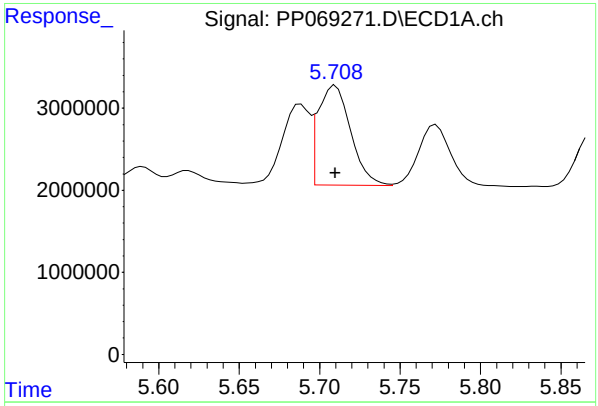
#12 AR-1232-2

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 8171005
Conc: 500.00 ng/ml



#12 AR-1232-2

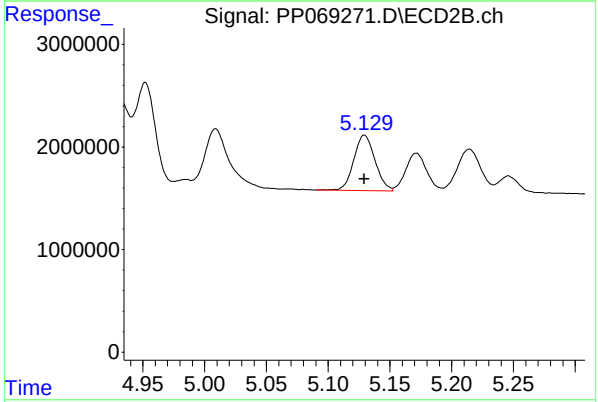
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 11785884
Conc: 500.00 ng/ml



#13 AR-1232-3

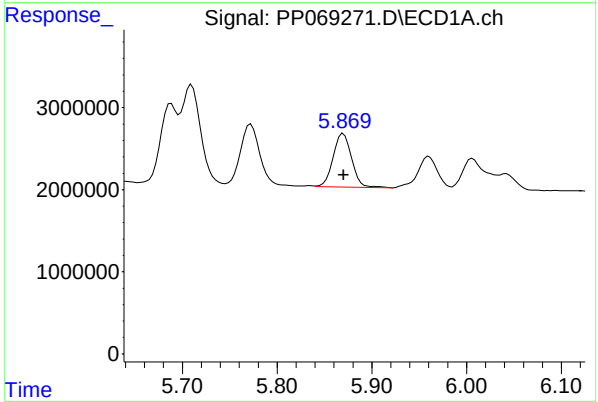
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 17179485
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



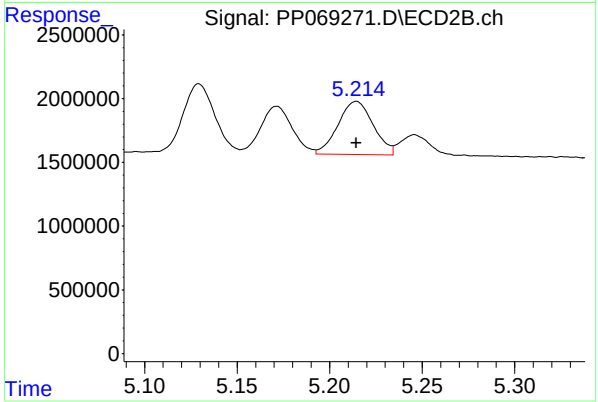
#13 AR-1232-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 6473622
Conc: 500.00 ng/ml



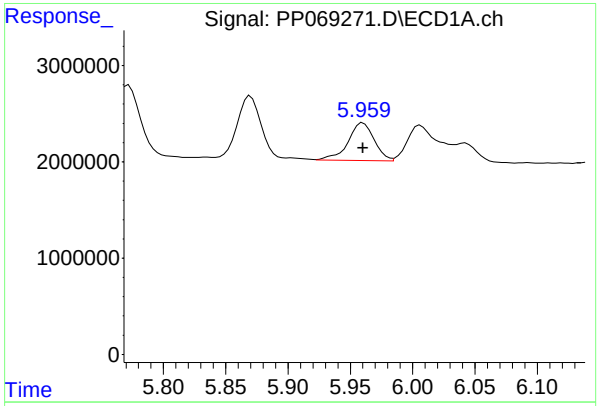
#14 AR-1232-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 8908099
Conc: 500.00 ng/ml



#14 AR-1232-4

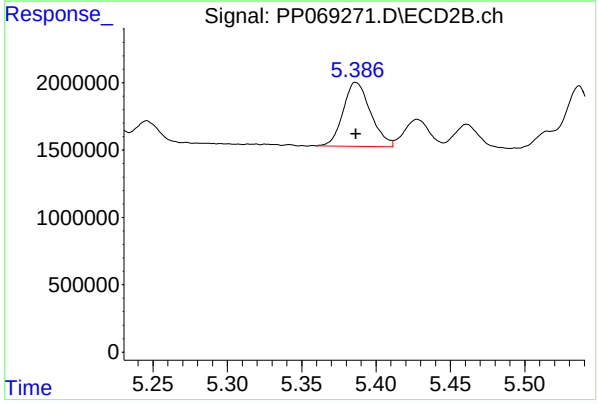
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 5543155
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 5731209
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 6105160
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:04
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: Jan 28 13:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 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...	4.538	3.840	143.5E6	94800860	96.567	97.029
2)	SA Decachlor...	10.279	8.910	104.6E6	107.1E6	95.779	93.248
	Target Compounds						
16)	L4 AR-1242-1	5.692	4.933	38881934	28457446	945.469	971.653
17)	L4 AR-1242-2	5.714	4.952	57026747	39820013	957.279	976.164
18)	L4 AR-1242-3	5.776	5.130	35212135	22243475	948.765	965.856
19)	L4 AR-1242-4	5.874	5.214	29733477	21211563	952.104	956.949
20)	L4 AR-1242-5	6.605	5.741	31146343	28383043	949.086	965.642

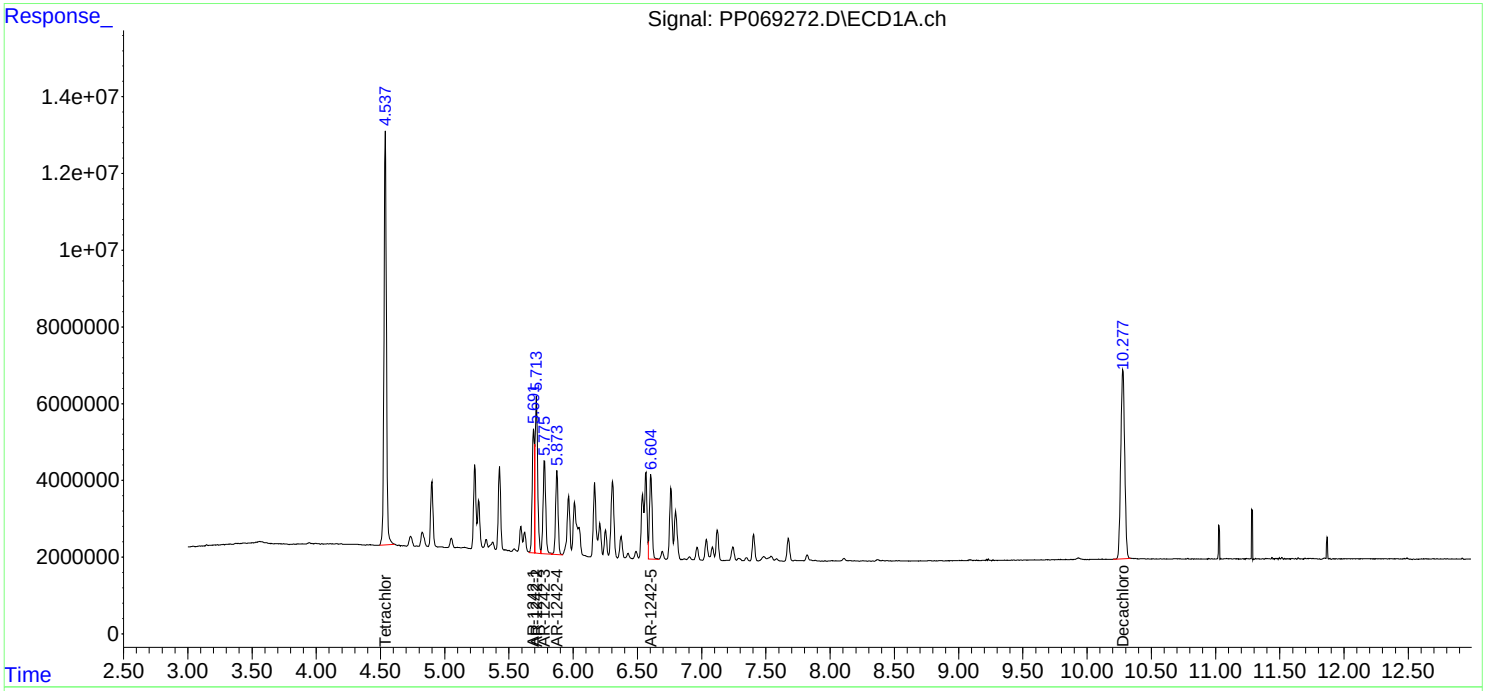
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

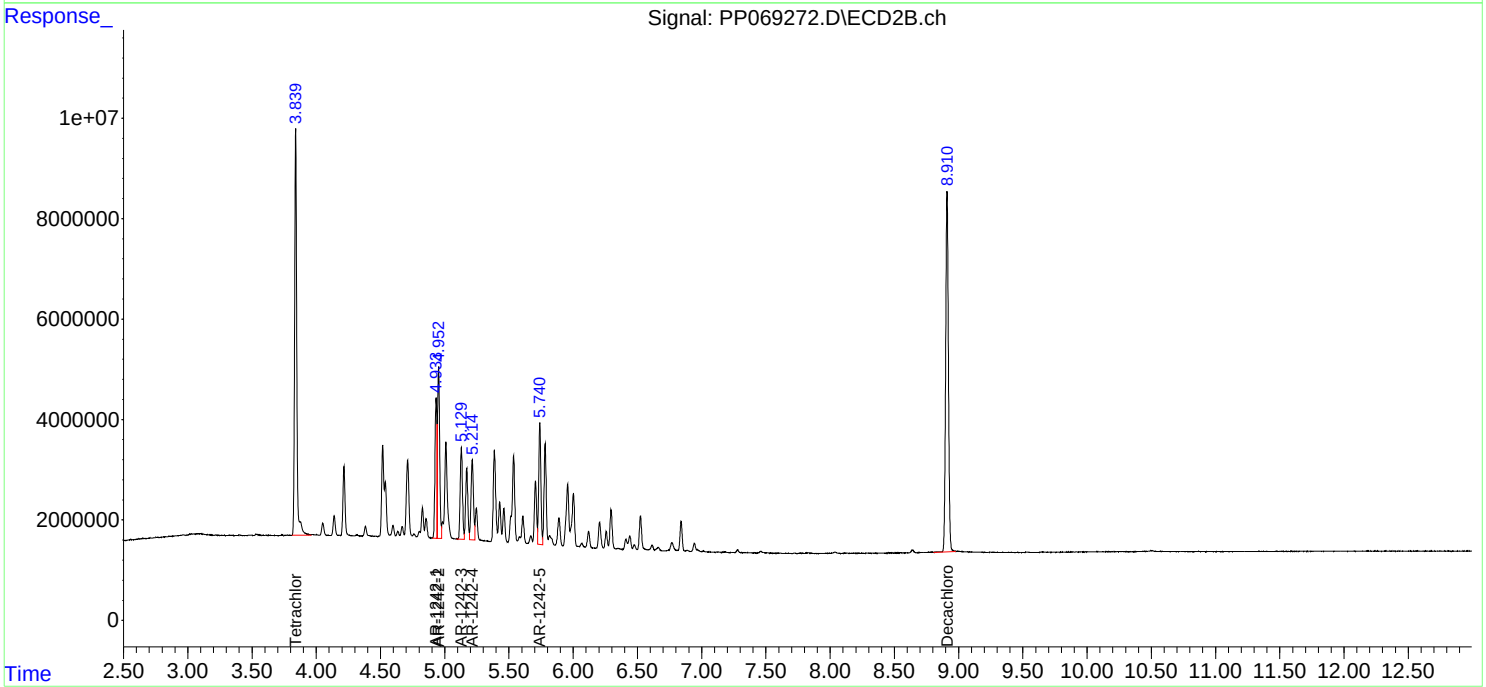
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

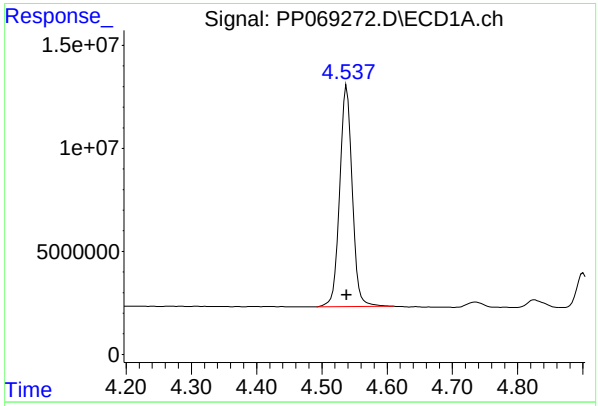
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 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



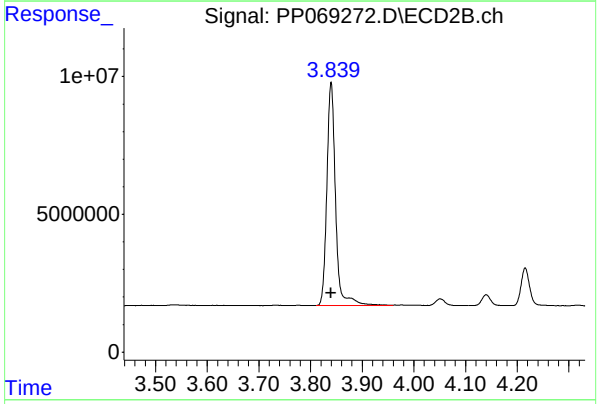




#1 Tetrachloro-m-xylene

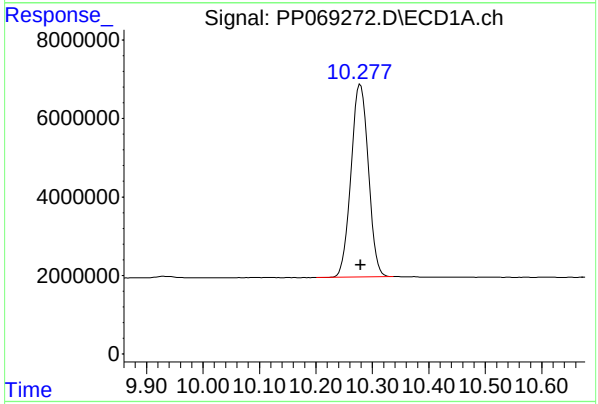
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 143525492
Conc: 96.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



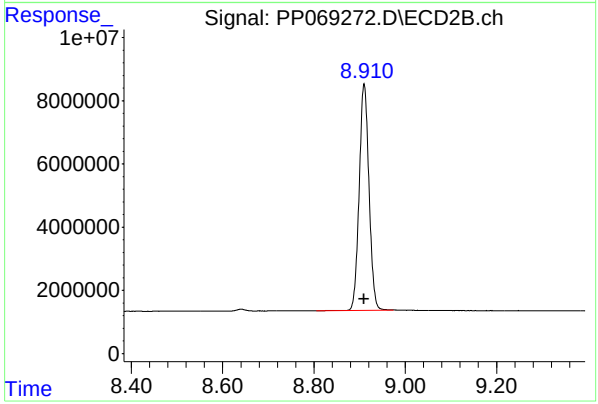
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 94800860
Conc: 97.03 ng/ml



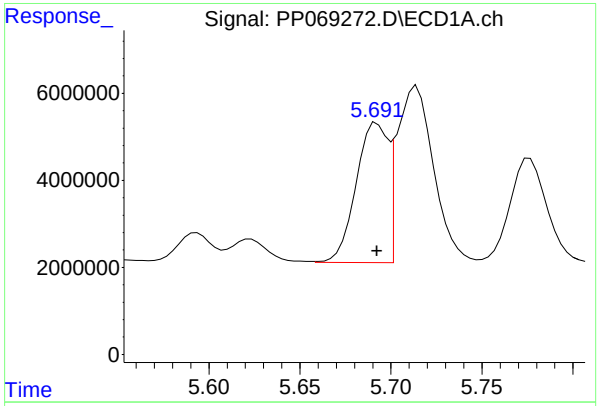
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 104619987
Conc: 95.78 ng/ml



#2 Decachlorobiphenyl

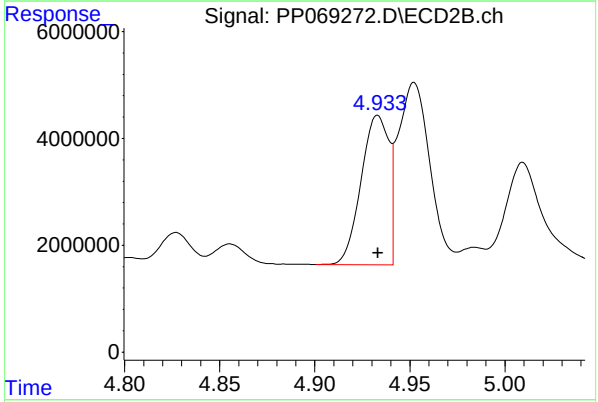
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 107057294
Conc: 93.25 ng/ml



#16 AR-1242-1

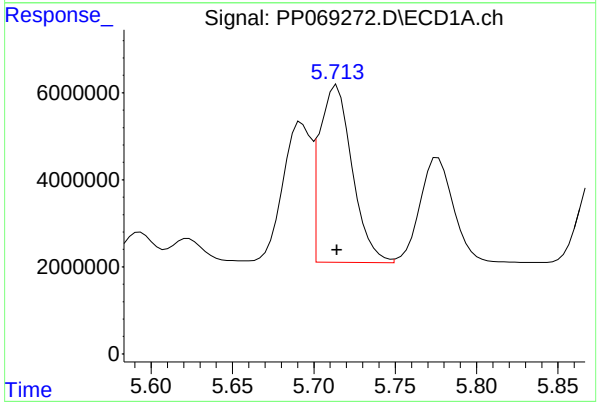
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 38881934
Conc: 945.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



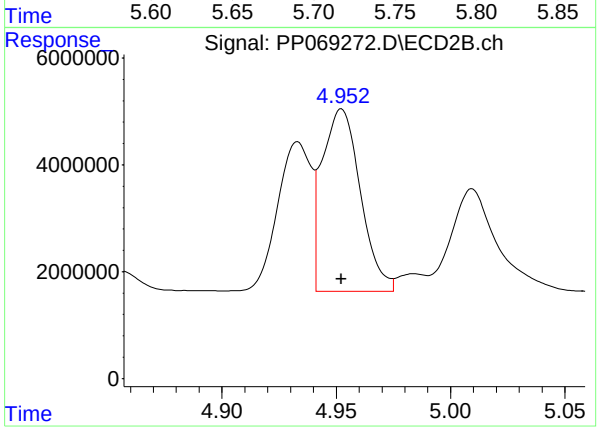
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 28457446
Conc: 971.65 ng/ml



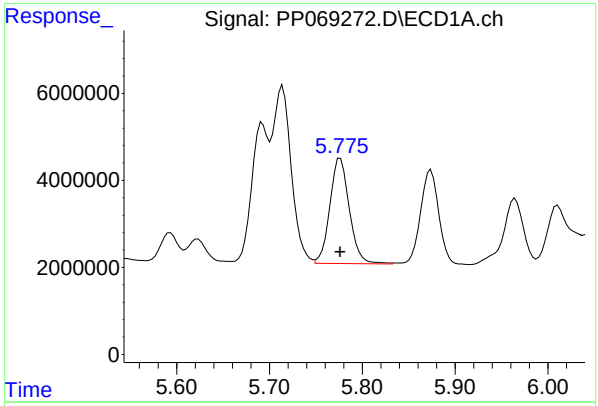
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 57026747
Conc: 957.28 ng/ml



#17 AR-1242-2

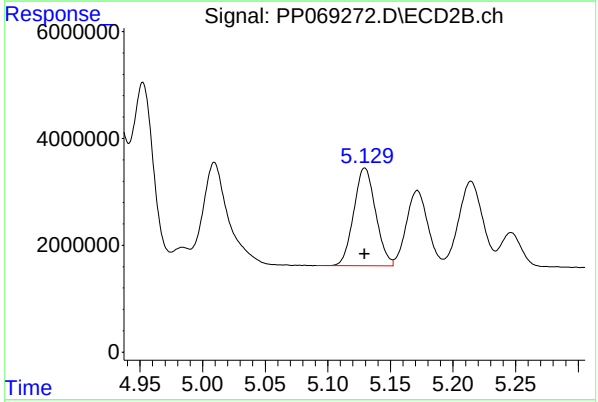
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 39820013
Conc: 976.16 ng/ml



#18 AR-1242-3

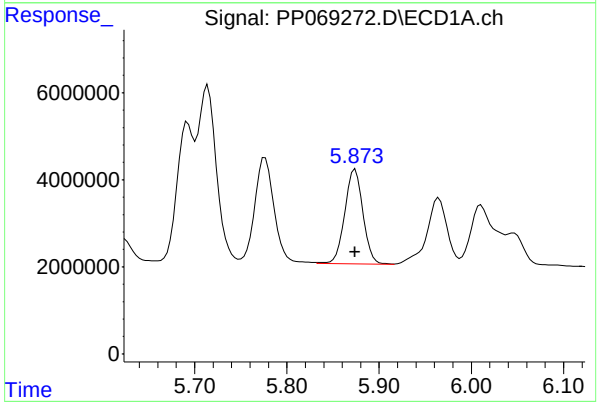
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 35212135
Conc: 948.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



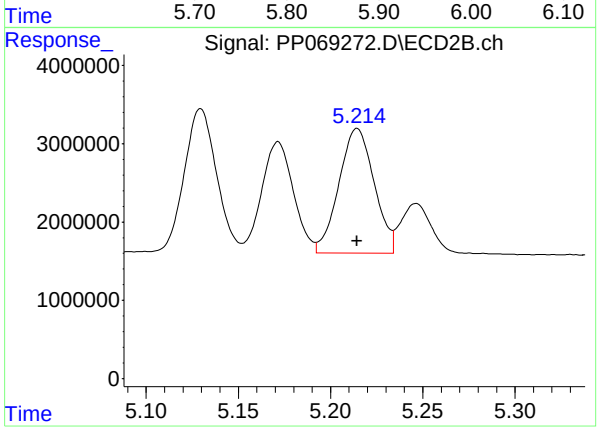
#18 AR-1242-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 22243475
Conc: 965.86 ng/ml



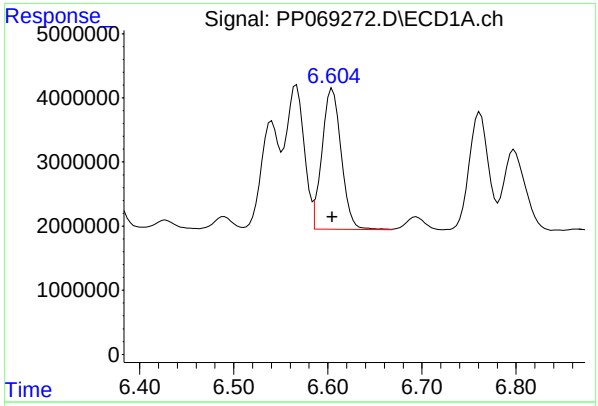
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 29733477
Conc: 952.10 ng/ml



#19 AR-1242-4

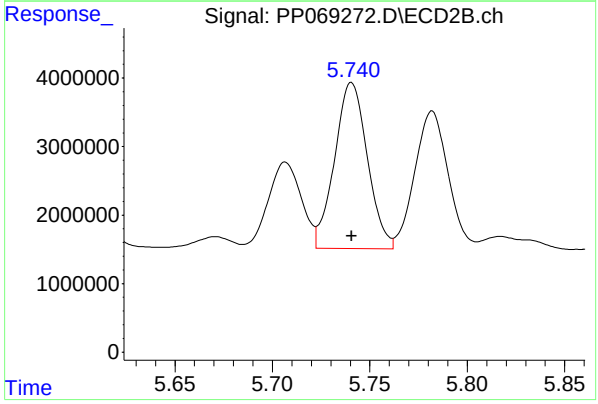
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 21211563
Conc: 956.95 ng/ml



#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 31146343
Conc: 949.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 28383043
Conc: 965.64 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:21
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: Jan 28 13:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 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...	4.537	3.841	109.4E6	69163237	74.055	71.331
2)	SA Decachlor...	10.278	8.912	81129584	78177684	74.514	70.250
	Target Compounds						
16)	L4 AR-1242-1	5.691	4.934	30137750	21839944	738.473	747.131
17)	L4 AR-1242-2	5.713	4.953	43422173	29956153	735.804	739.499
18)	L4 AR-1242-3	5.776	5.131	26901679	16691146	733.041	732.984
19)	L4 AR-1242-4	5.873	5.215	22891135	16031239	738.583	731.946
20)	L4 AR-1242-5	6.604	5.741	24145693	21175650	740.449	730.027

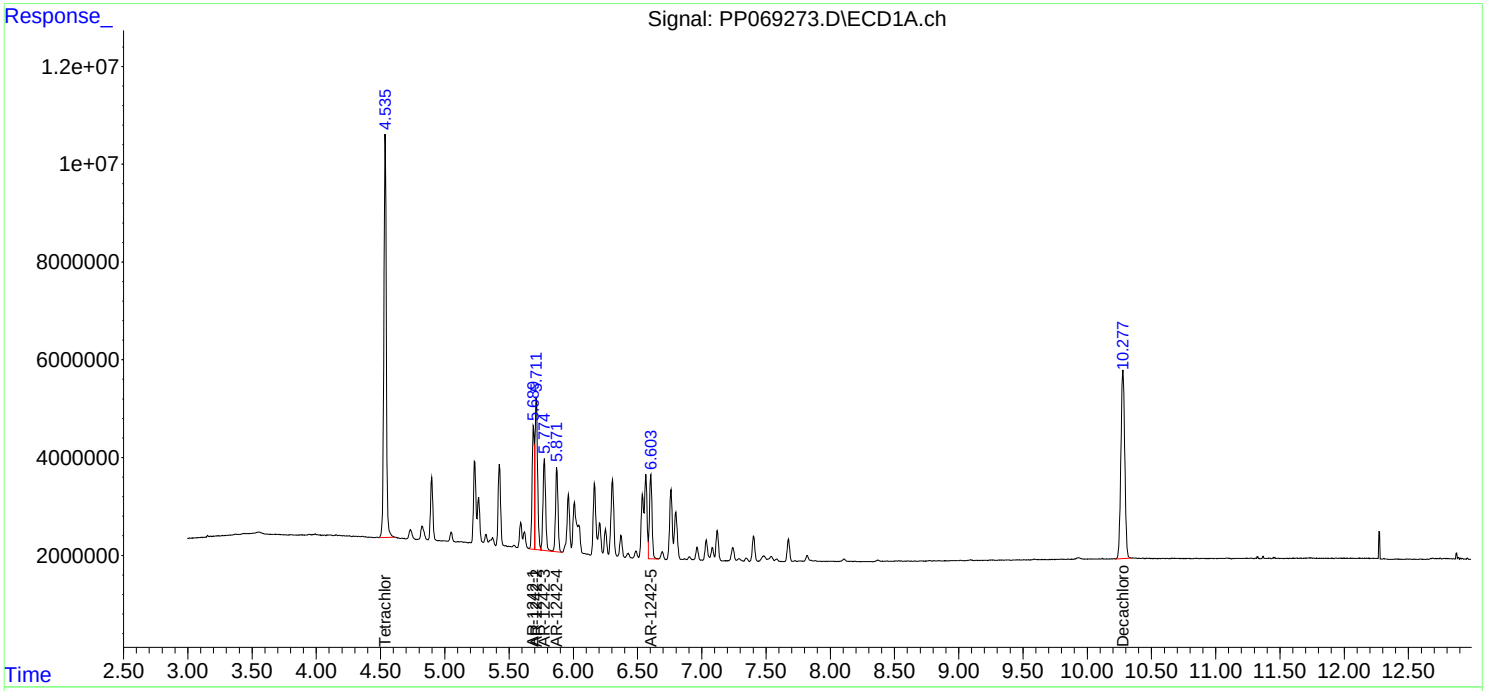
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

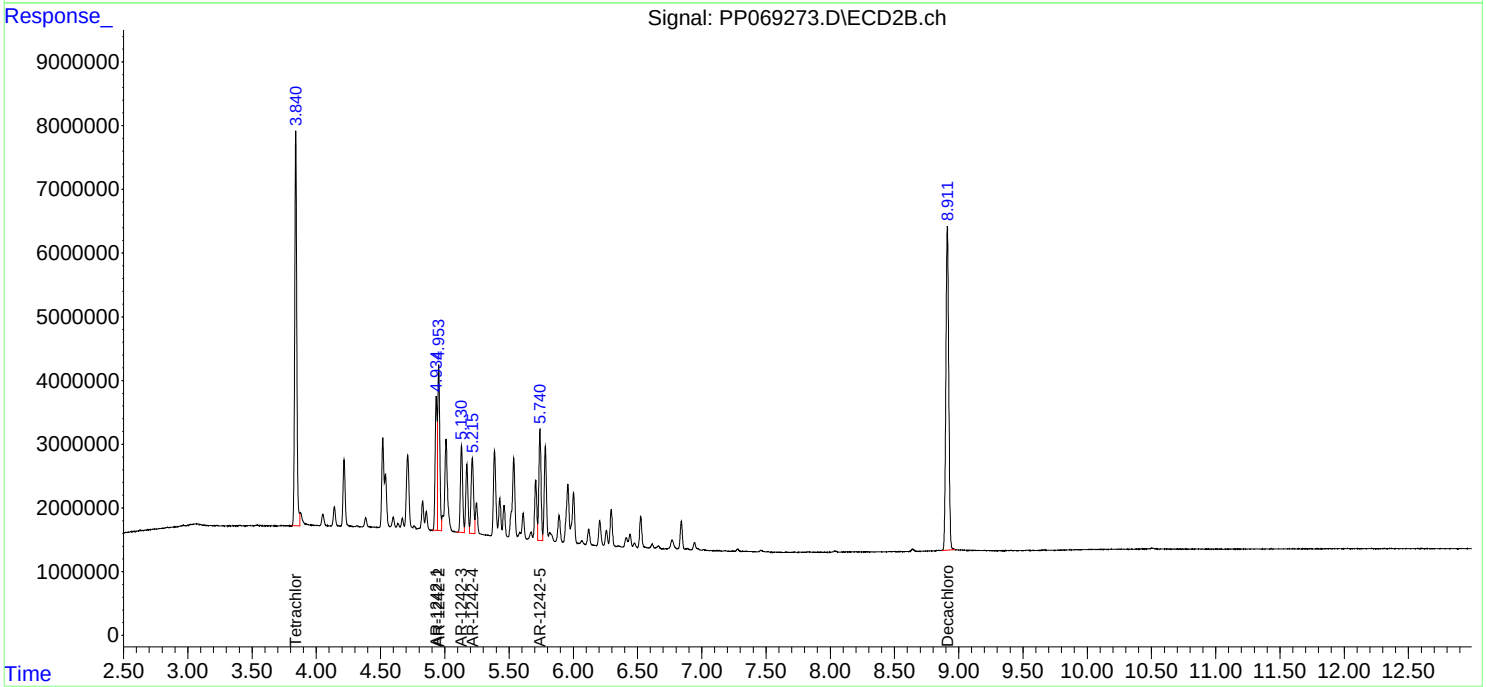
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

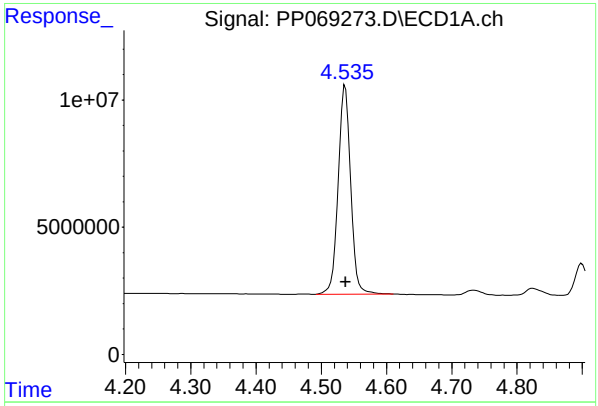
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:25:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 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



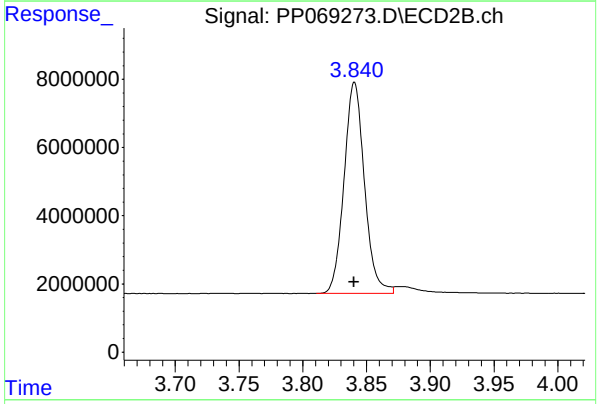




#1 Tetrachloro-m-xylene

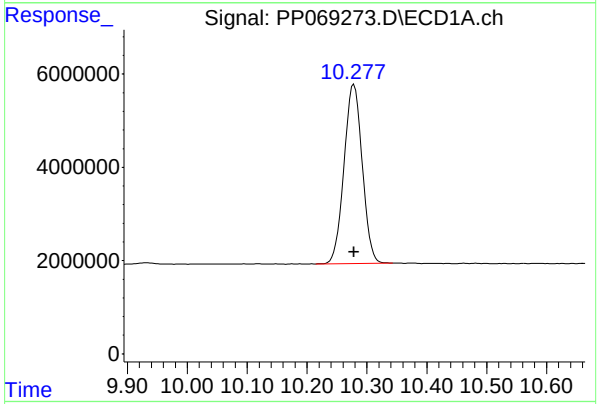
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 109377354
Conc: 74.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



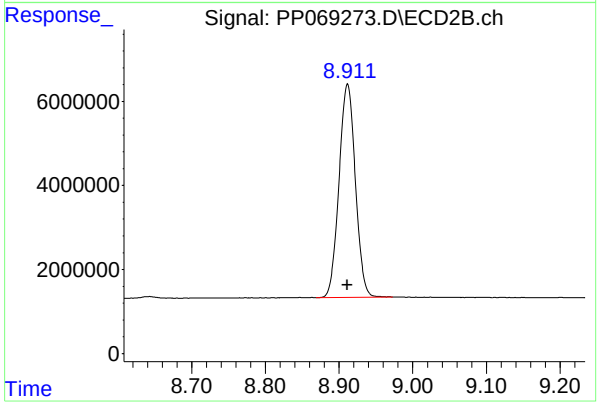
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 69163237
Conc: 71.33 ng/ml



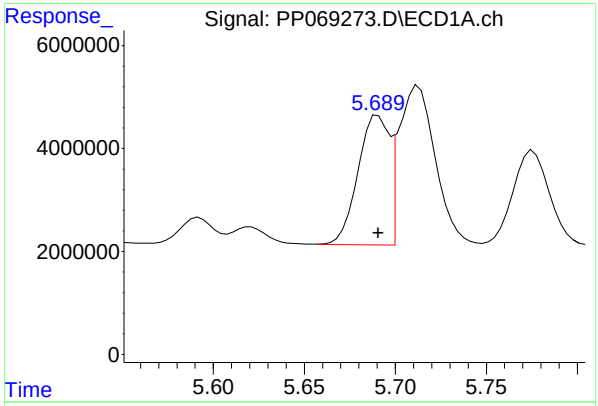
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 81129584
Conc: 74.51 ng/ml



#2 Decachlorobiphenyl

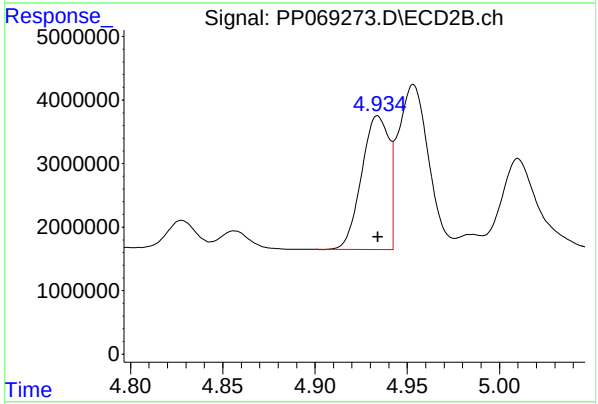
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 78177684
Conc: 70.25 ng/ml



#16 AR-1242-1

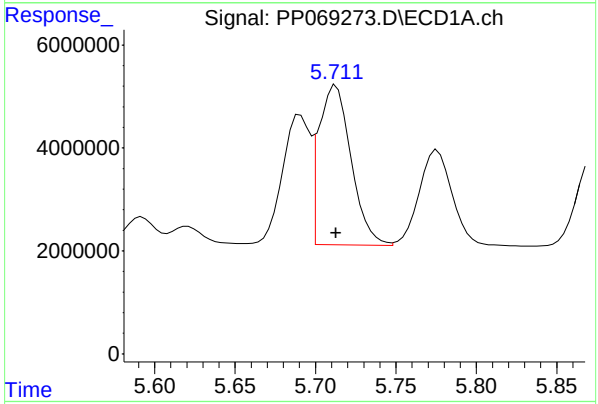
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 30137750
Conc: 738.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



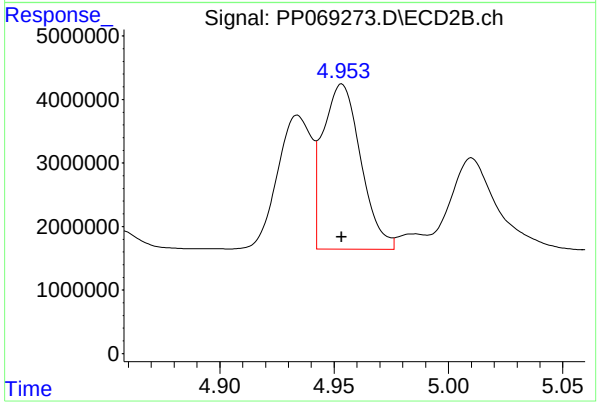
#16 AR-1242-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 21839944
Conc: 747.13 ng/ml



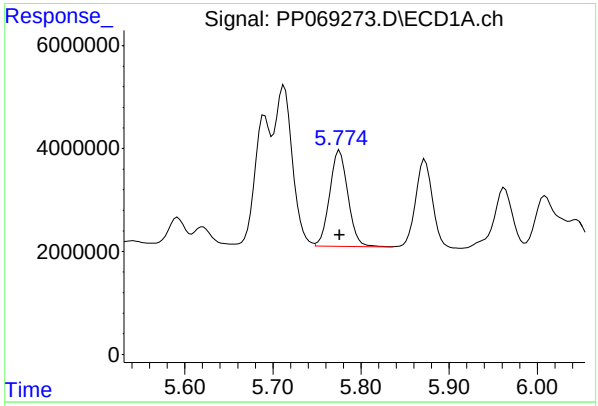
#17 AR-1242-2

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 43422173
Conc: 735.80 ng/ml



#17 AR-1242-2

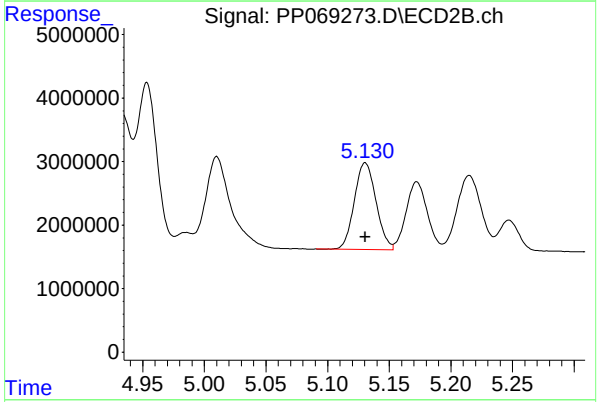
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 29956153
Conc: 739.50 ng/ml



#18 AR-1242-3

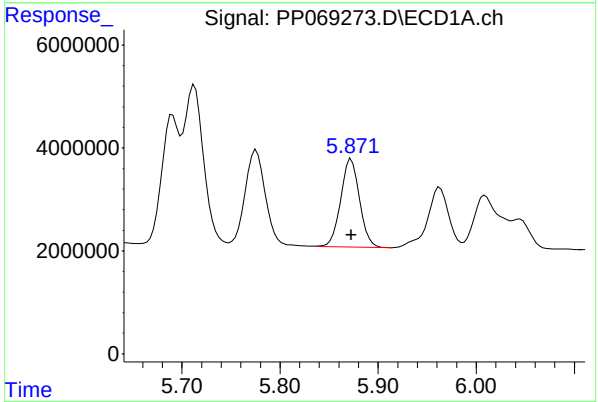
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 26901679
Conc: 733.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



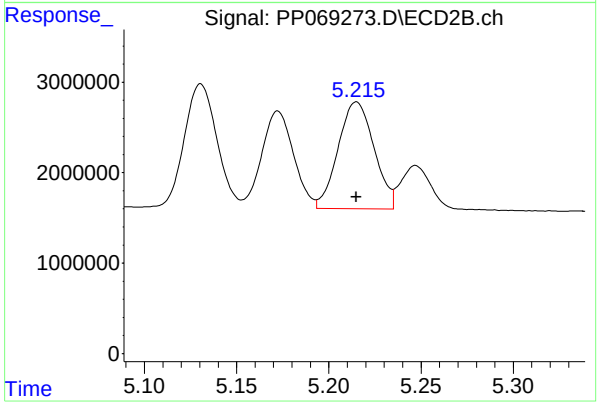
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 16691146
Conc: 732.98 ng/ml



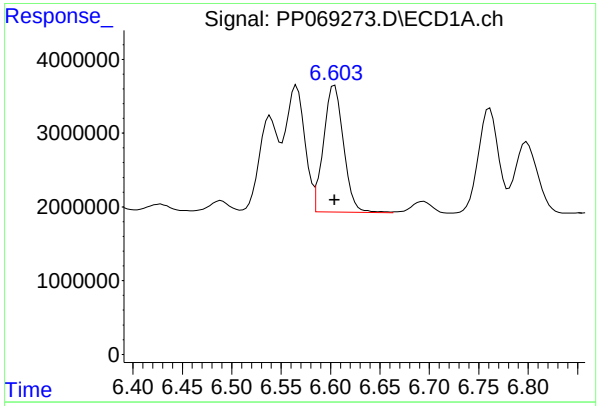
#19 AR-1242-4

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 22891135
Conc: 738.58 ng/ml



#19 AR-1242-4

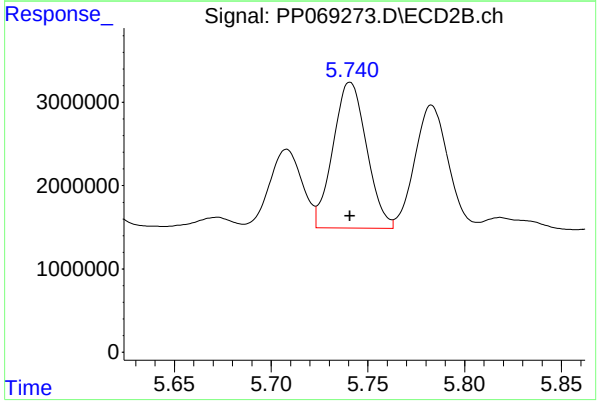
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 16031239
Conc: 731.95 ng/ml



#20 AR-1242-5

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 24145693
Conc: 740.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 21175650
Conc: 730.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:37
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: Jan 28 13:19:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 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...	4.535	3.841	76865093	50303166	50.000	50.000
2)	SA Decachlor...	10.277	8.912	56920064	61281046	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.690	4.935	21683528	15058932	500.000	500.000
17)	L4 AR-1242-2	5.711	4.953	31058355	20882332	500.000	500.000
18)	L4 AR-1242-3	5.774	5.131	19507569	11908079	500.000	500.000
19)	L4 AR-1242-4	5.871	5.215	16362506	11560042	500.000	500.000
20)	L4 AR-1242-5	6.603	5.742	17244012	15201389	500.000	500.000

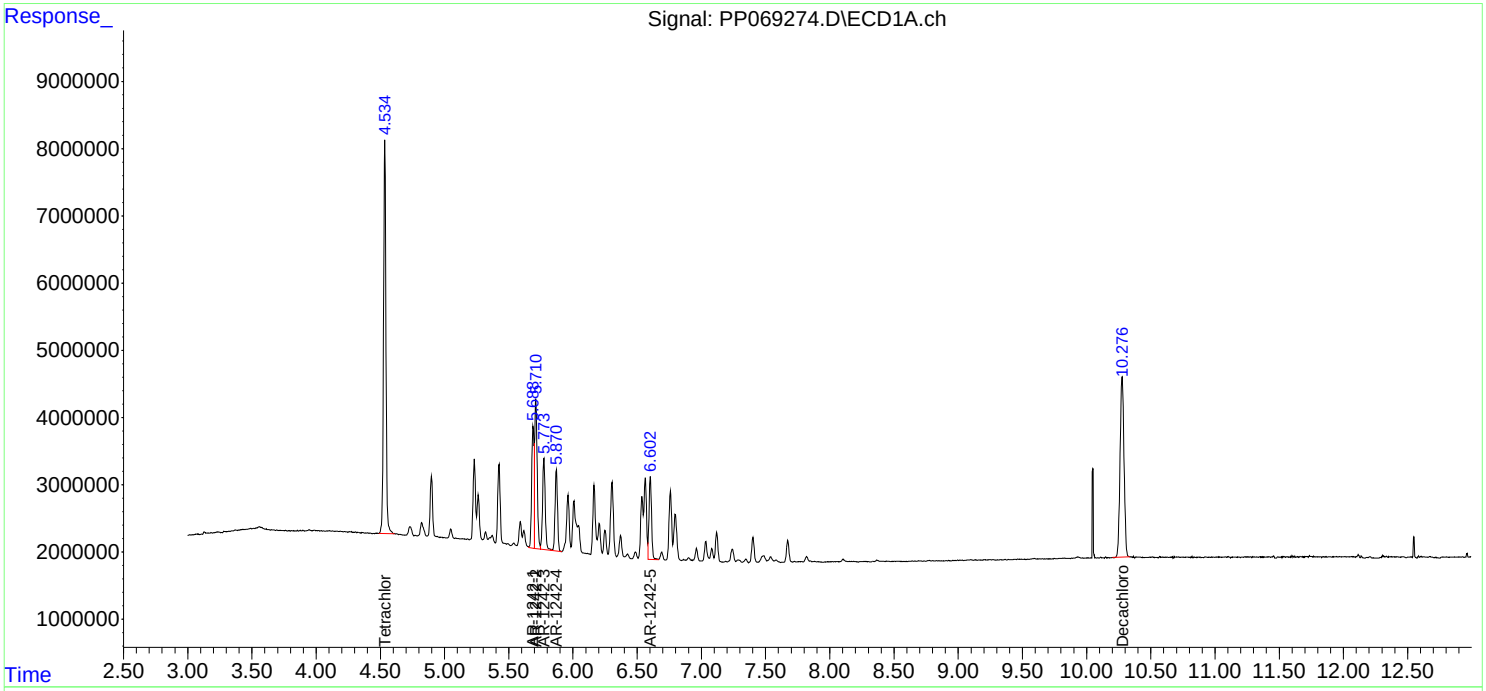
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

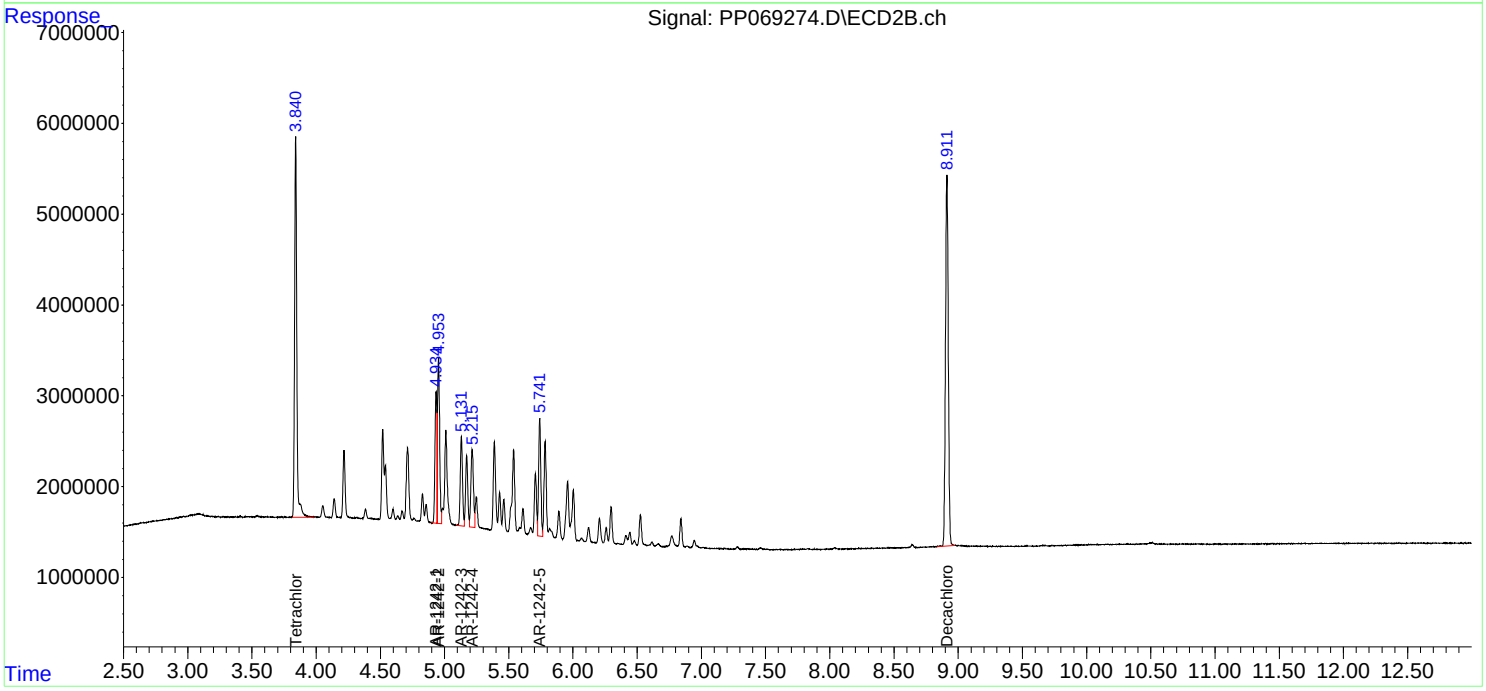
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:37
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

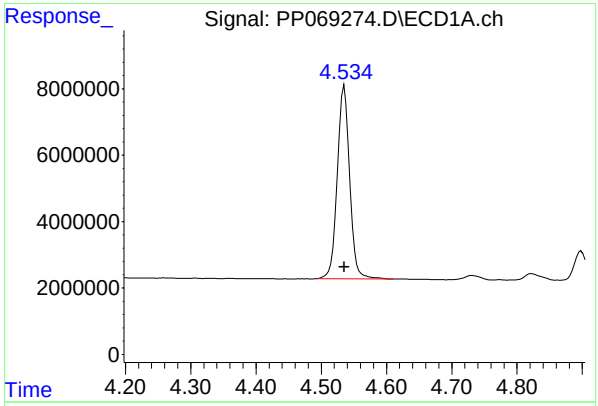
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:19:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:16:55 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



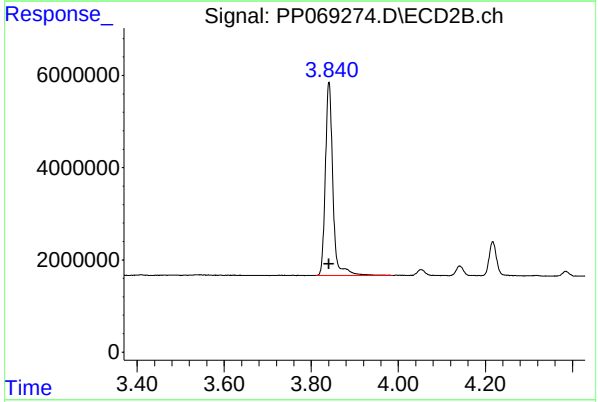




#1 Tetrachloro-m-xylene

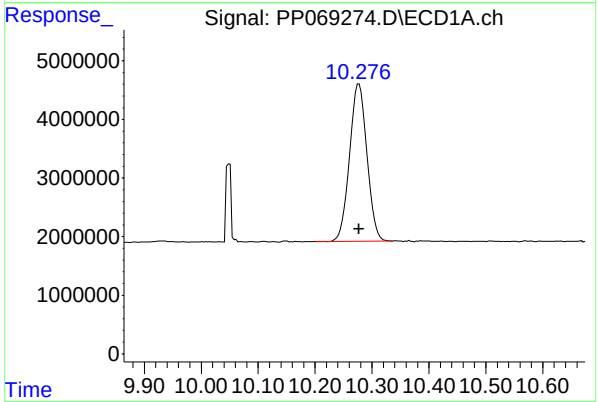
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 76865093
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



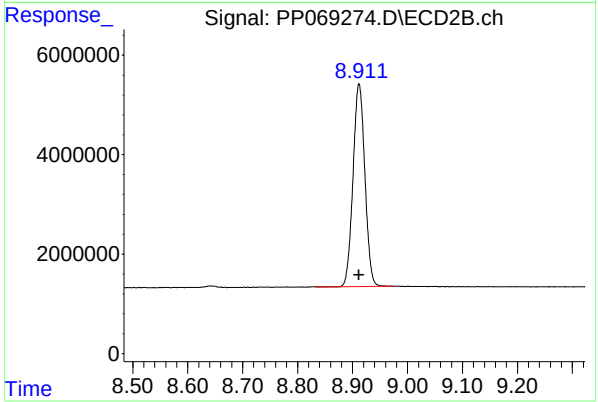
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 50303166
Conc: 50.00 ng/ml



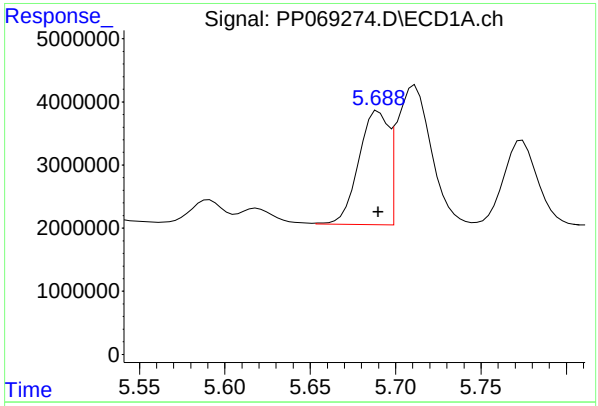
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 56920064
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

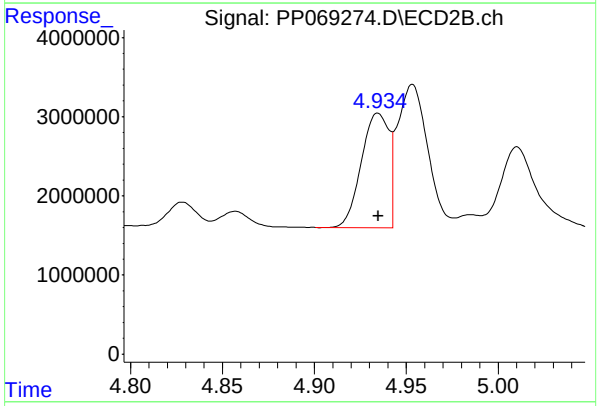
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 61281046
Conc: 50.00 ng/ml



#16 AR-1242-1

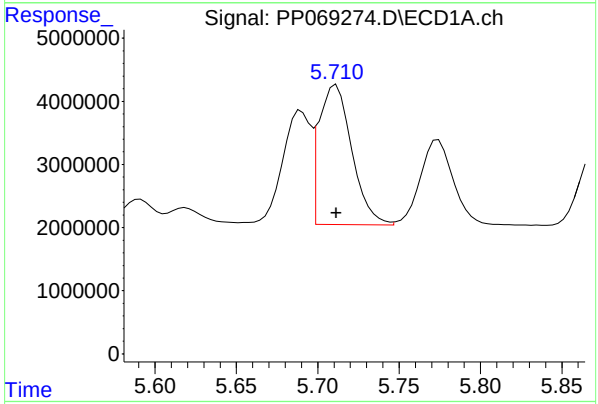
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 21683528
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



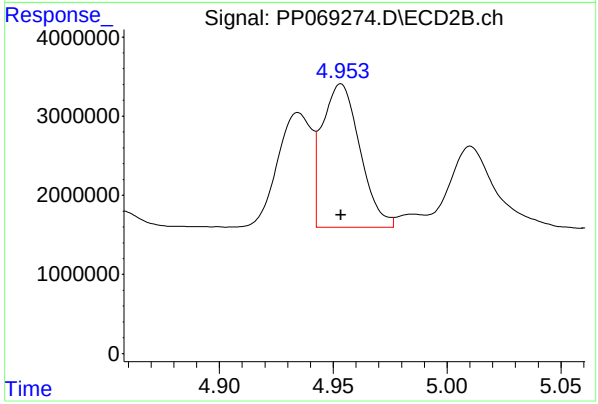
#16 AR-1242-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 15058932
Conc: 500.00 ng/ml



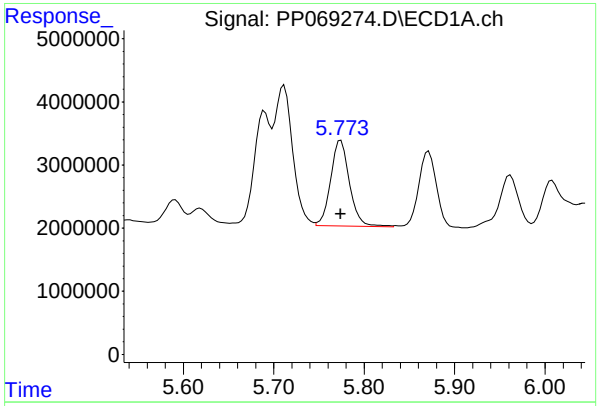
#17 AR-1242-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 31058355
Conc: 500.00 ng/ml



#17 AR-1242-2

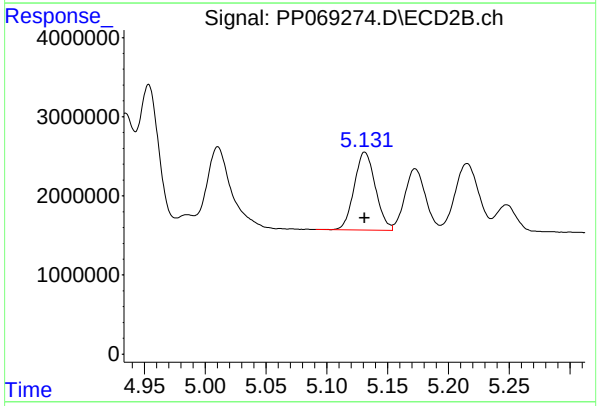
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 20882332
Conc: 500.00 ng/ml



#18 AR-1242-3

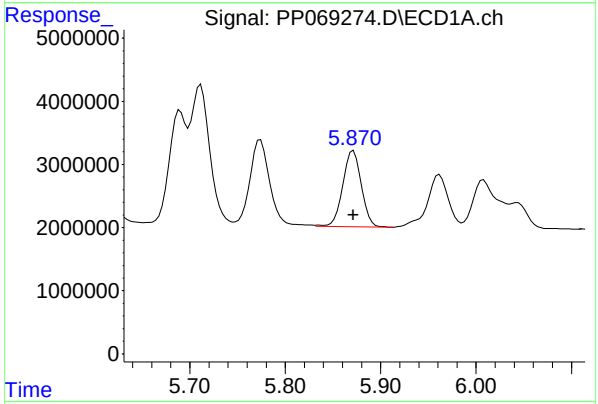
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 19507569
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



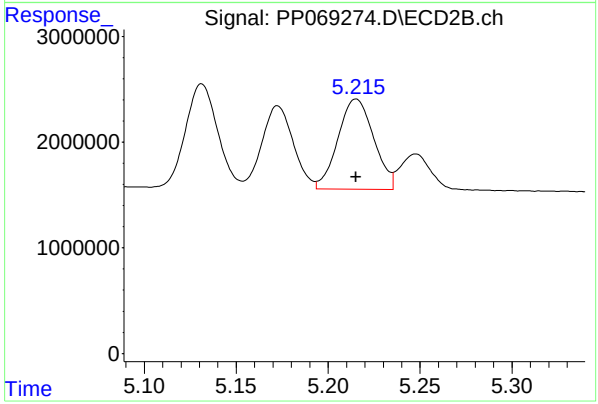
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 11908079
Conc: 500.00 ng/ml



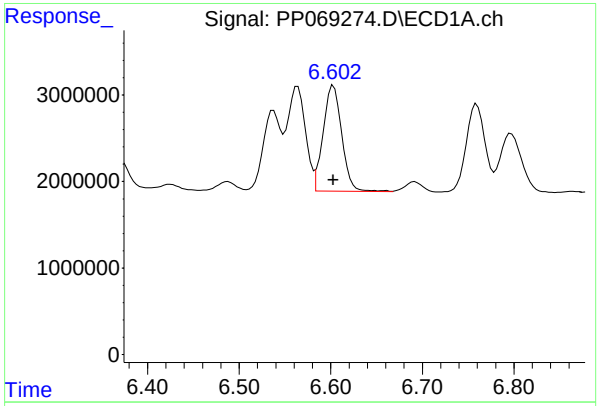
#19 AR-1242-4

R.T.: 5.871 min
Delta R.T.: 0.000 min
Response: 16362506
Conc: 500.00 ng/ml



#19 AR-1242-4

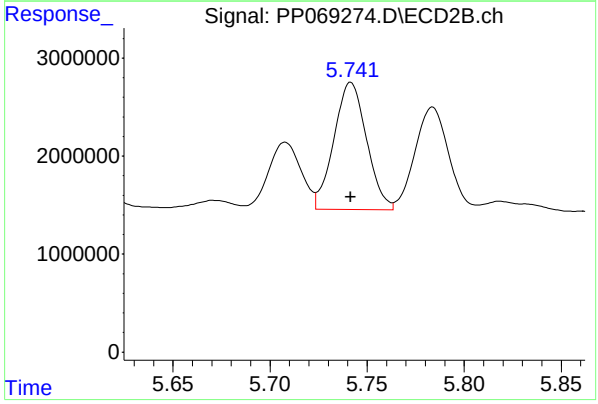
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 11560042
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 17244012
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 15201389
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:53
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: Jan 28 13:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:29:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.839	38792932	24572047	25.937	25.469
2)	SA Decachlor...	10.279	8.911	29384811	29323543	26.463	25.999
	Target Compounds						
16)	L4 AR-1242-1	5.693	4.933	11282393	7765411	269.330	261.557
17)	L4 AR-1242-2	5.714	4.952	15949615	10596312	264.902	258.586
18)	L4 AR-1242-3	5.777	5.130	10146658	5872286	269.351	255.863
19)	L4 AR-1242-4	5.874	5.214	8706808	5585119	272.498	253.733
20)	L4 AR-1242-5	6.606	5.740	9072432	7515106	270.580	256.750

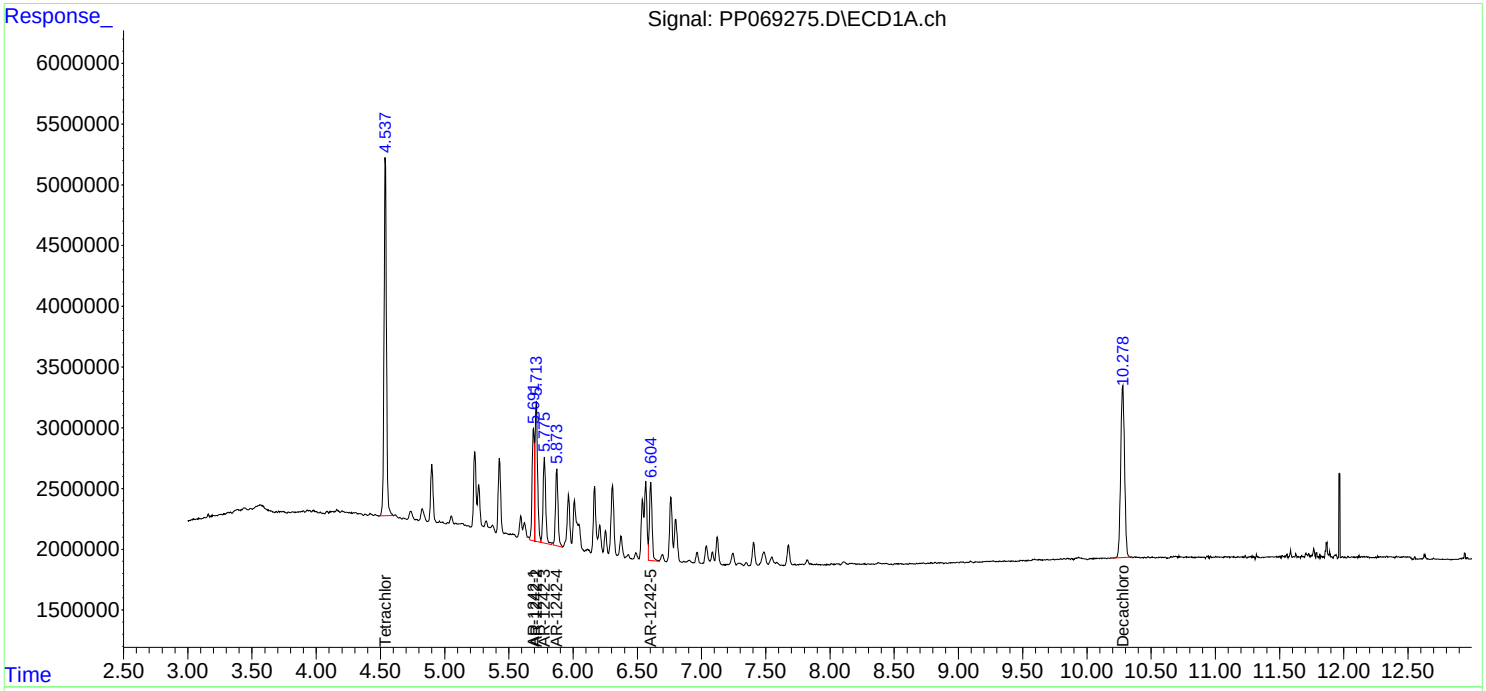
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

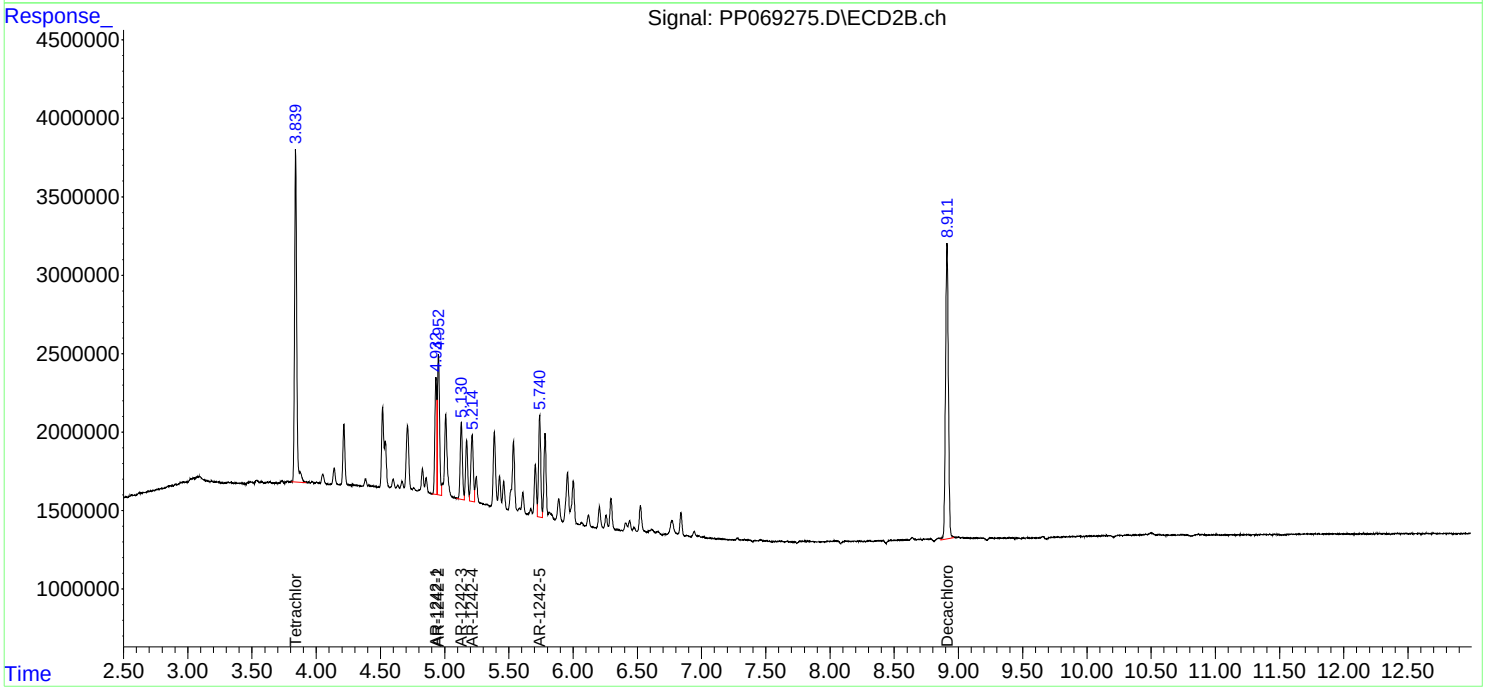
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:53
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

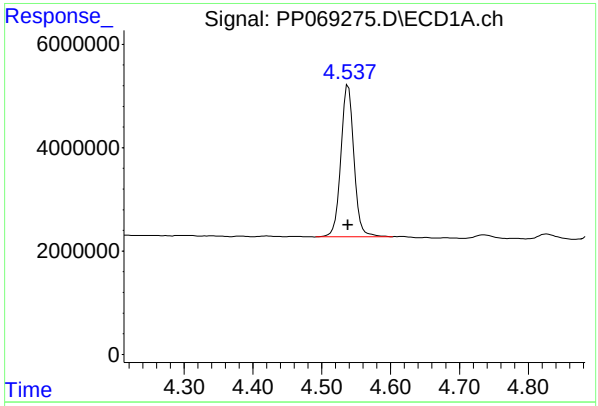
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:29:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:29:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



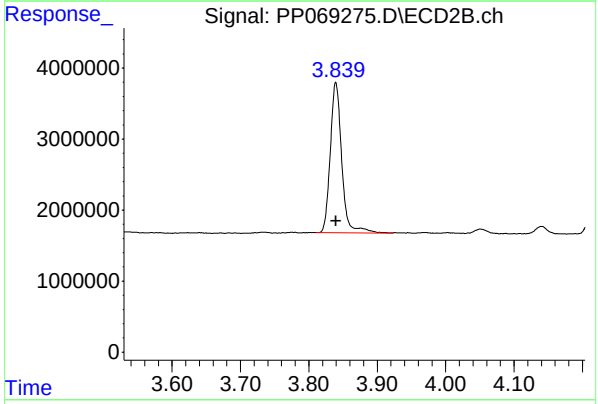




#1 Tetrachloro-m-xylene

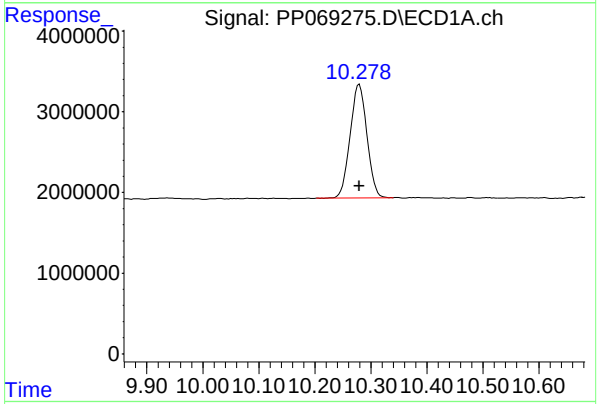
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 38792932
Conc: 25.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



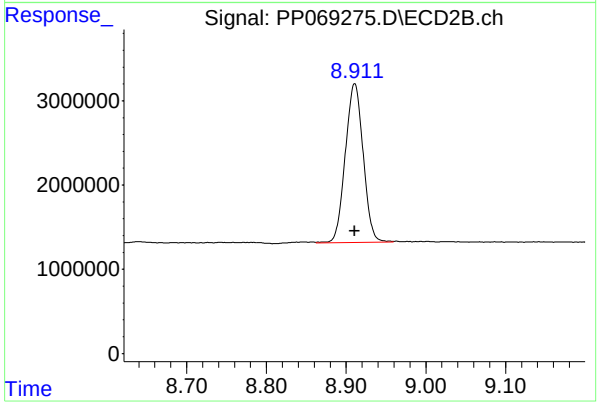
#1 Tetrachloro-m-xylene

R.T.: 3.839 min
Delta R.T.: 0.000 min
Response: 24572047
Conc: 25.47 ng/ml



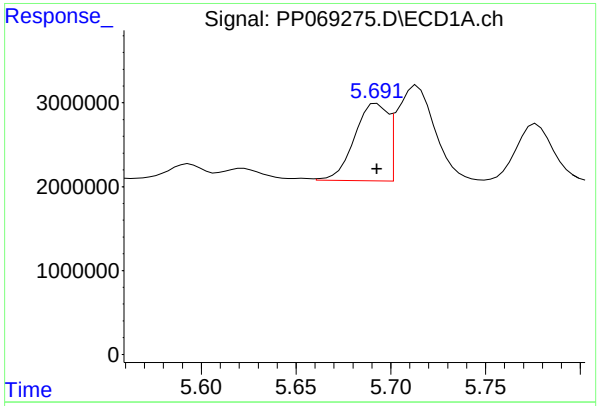
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 29384811
Conc: 26.46 ng/ml



#2 Decachlorobiphenyl

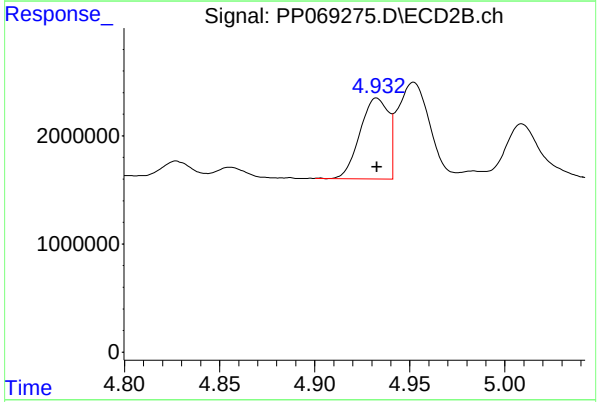
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 29323543
Conc: 26.00 ng/ml



#16 AR-1242-1

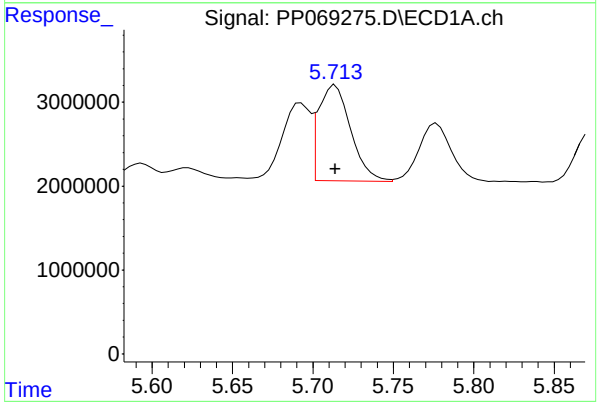
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 11282393
Conc: 269.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



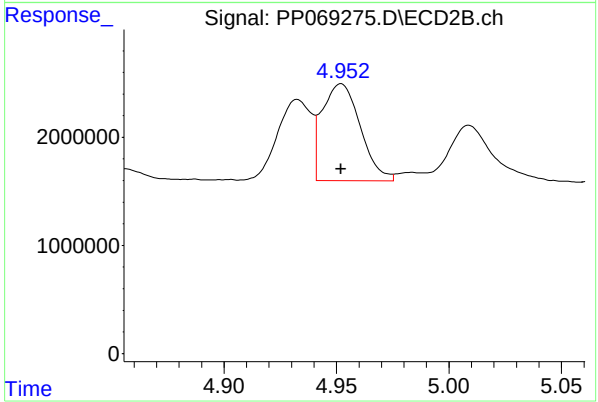
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 7765411
Conc: 261.56 ng/ml



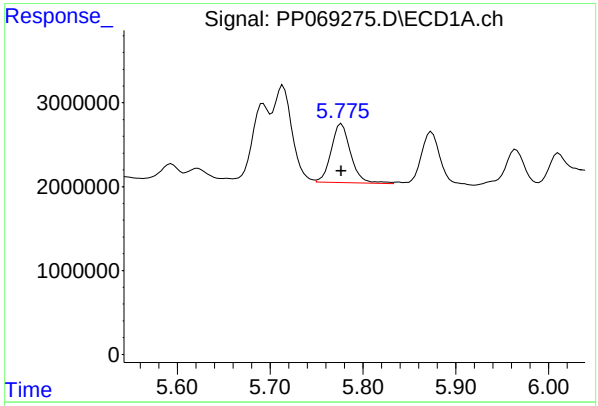
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 15949615
Conc: 264.90 ng/ml



#17 AR-1242-2

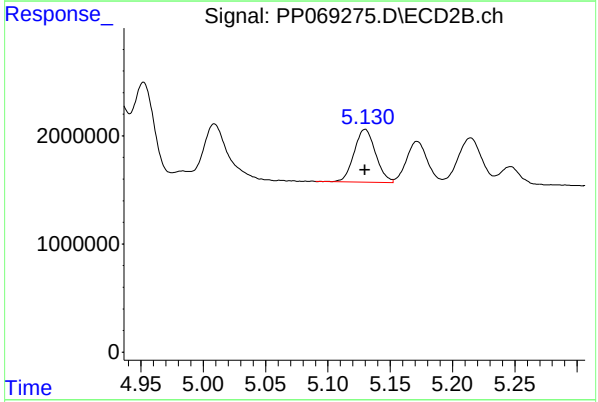
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 10596312
Conc: 258.59 ng/ml



#18 AR-1242-3

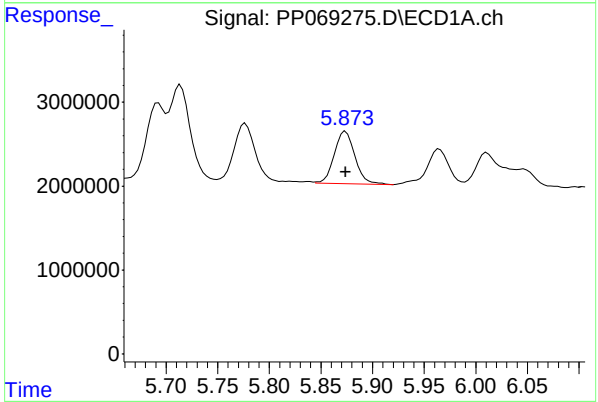
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 10146658
Conc: 269.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



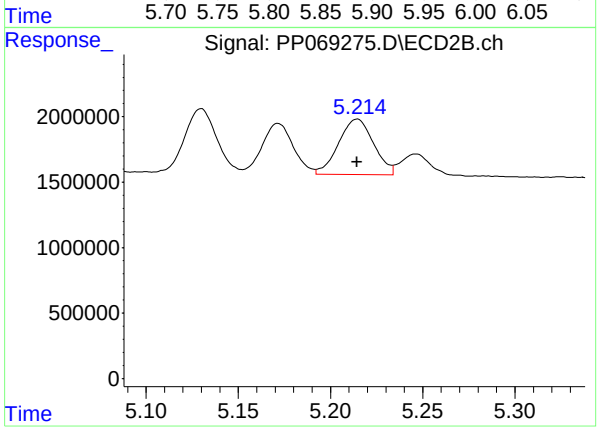
#18 AR-1242-3

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 5872286
Conc: 255.86 ng/ml



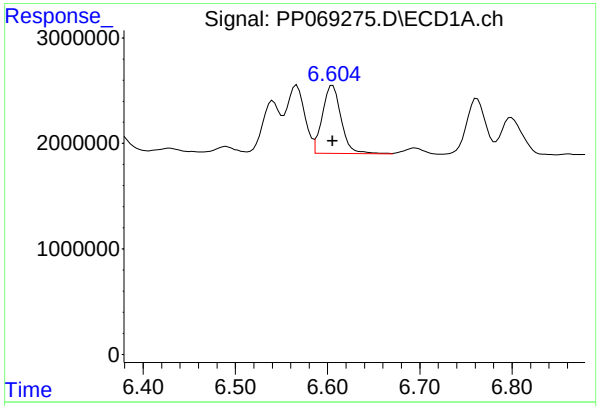
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 8706808
Conc: 272.50 ng/ml



#19 AR-1242-4

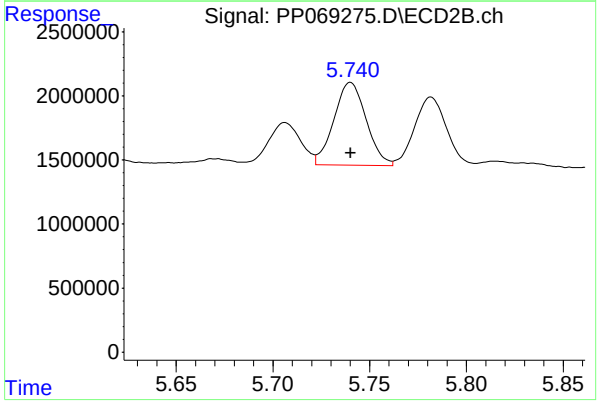
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 5585119
Conc: 253.73 ng/ml



#20 AR-1242-5

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 9072432
Conc: 270.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 7515106
Conc: 256.75 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:09
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: Jan 28 13:32:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:32:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.840	5712040	3880861	4.008	4.186
2)	SA Decachlor...	10.276	8.912	4701402	5291649	4.368	4.750
	Target Compounds						
16)	L4 AR-1242-1	5.689	4.934	2048207	1270163	49.111	44.054
17)	L4 AR-1242-2	5.711	4.953	2705826	1653863	45.869	41.979
18)	L4 AR-1242-3	5.774	5.131	1740514	1035839	46.916	46.029
19)	L4 AR-1242-4	5.870	5.215	1808303	993205	55.140	46.020
20)	L4 AR-1242-5	6.603	5.741	1440165	1338070	44.198	46.512

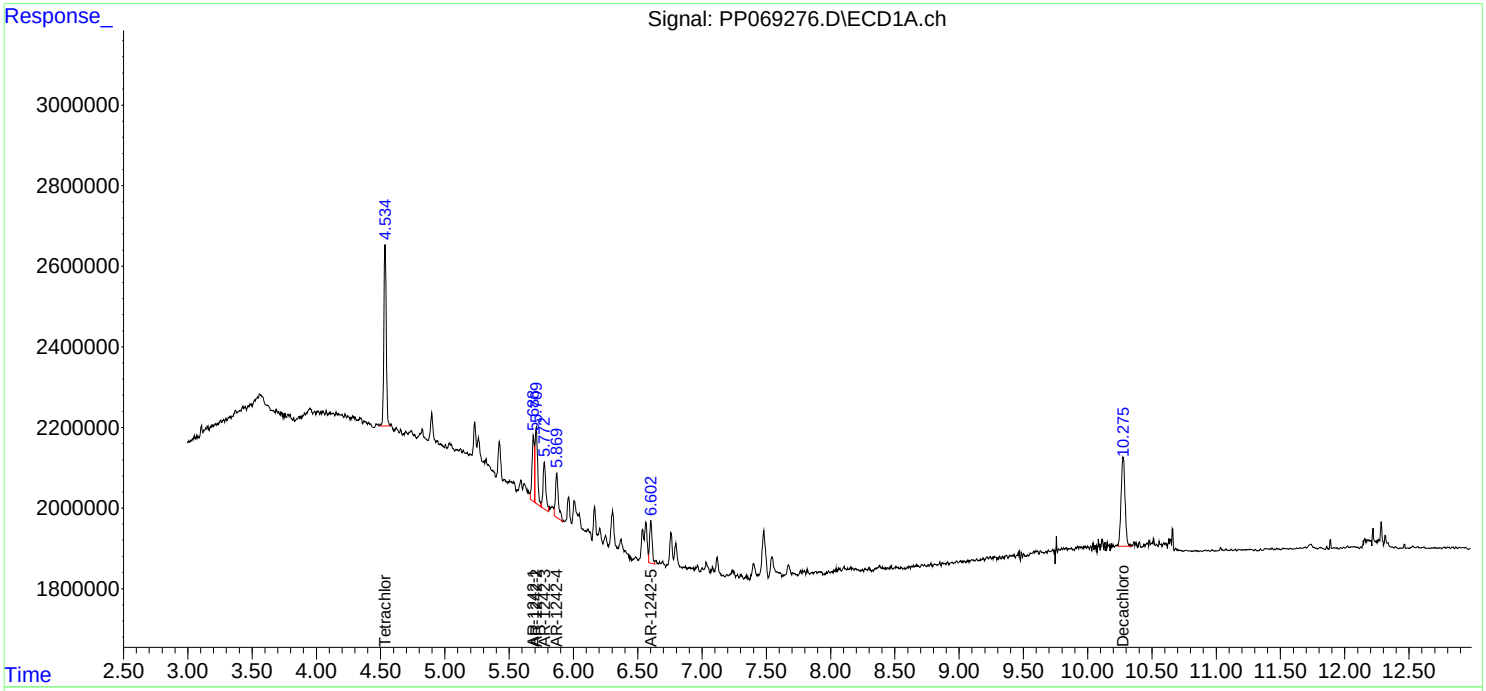
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

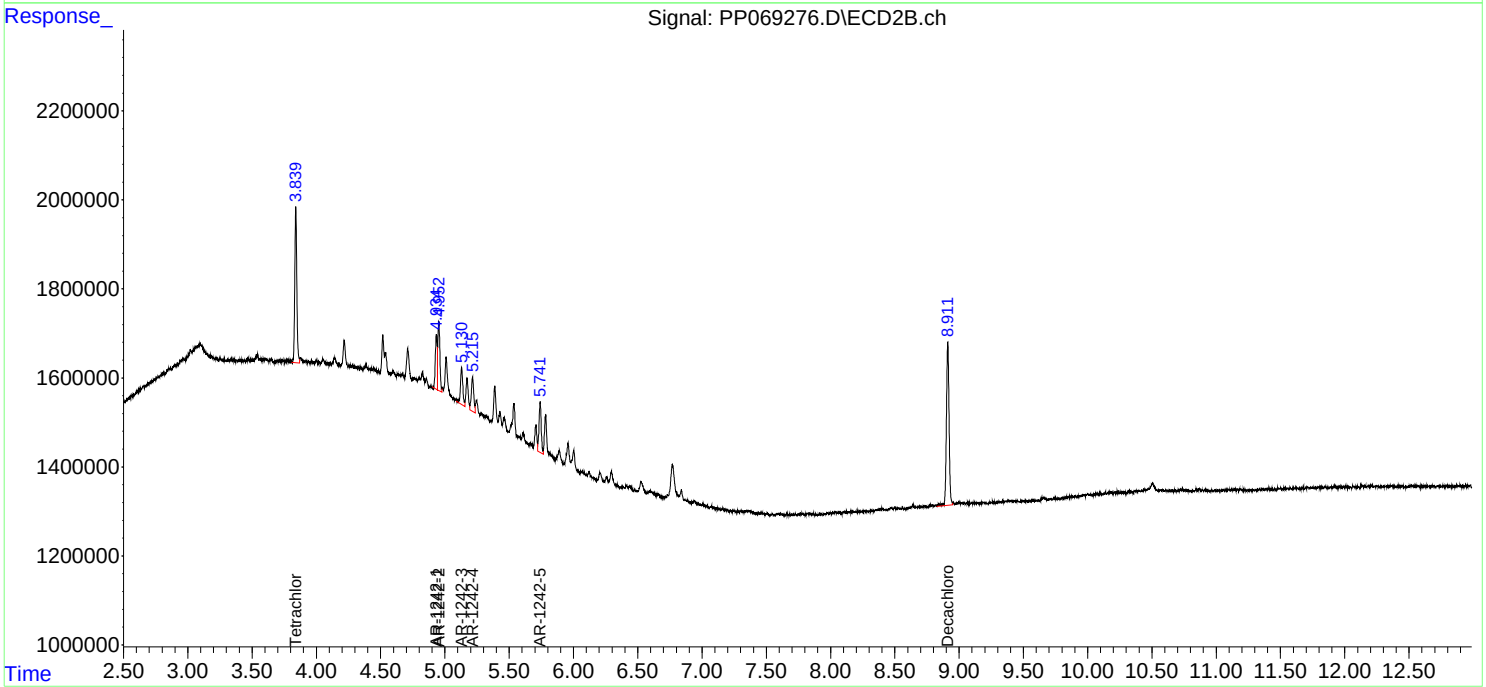
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:09
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

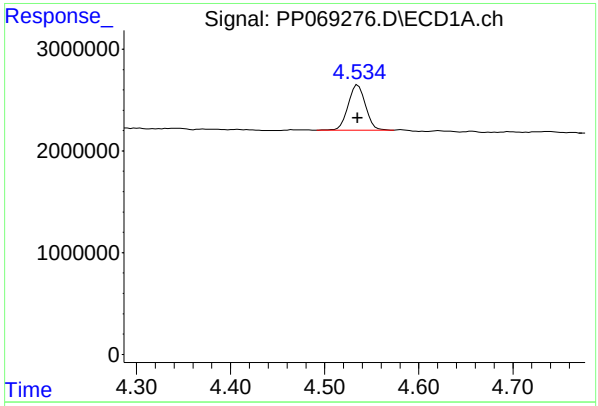
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 13:32:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 13:32:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



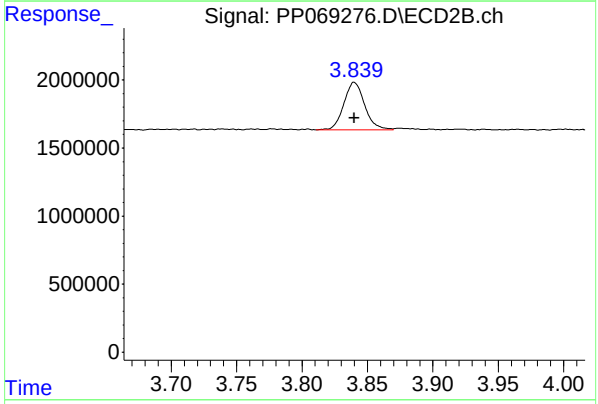




#1 Tetrachloro-m-xylene

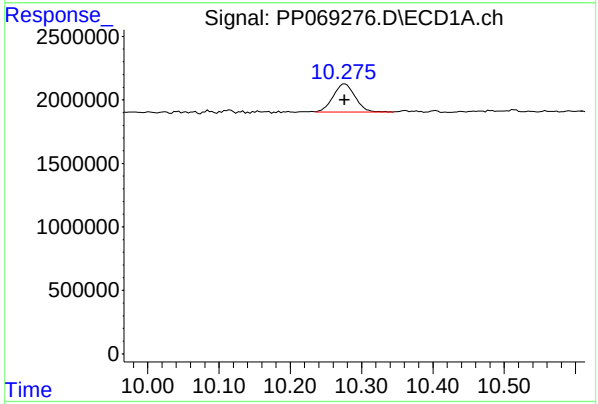
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 5712040
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



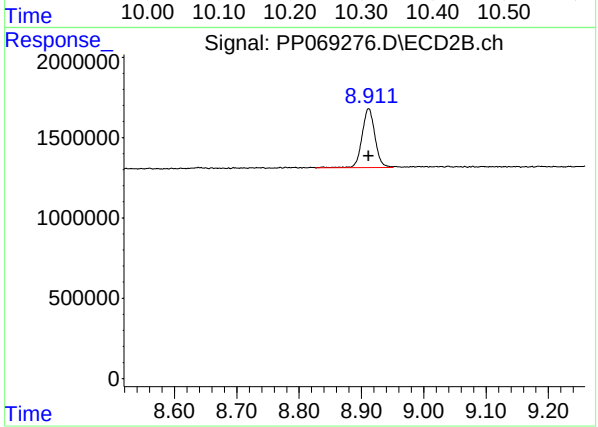
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 3880861
Conc: 4.19 ng/ml



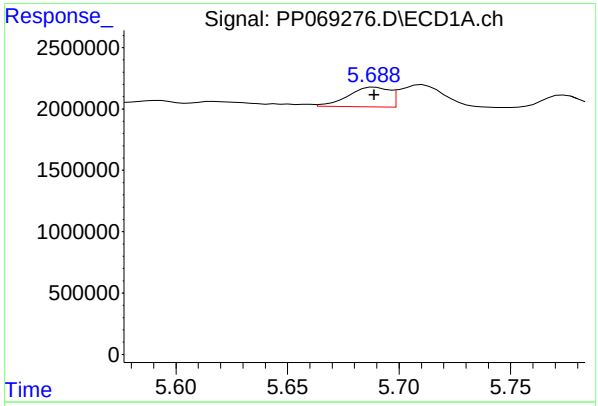
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: 0.000 min
Response: 4701402
Conc: 4.37 ng/ml



#2 Decachlorobiphenyl

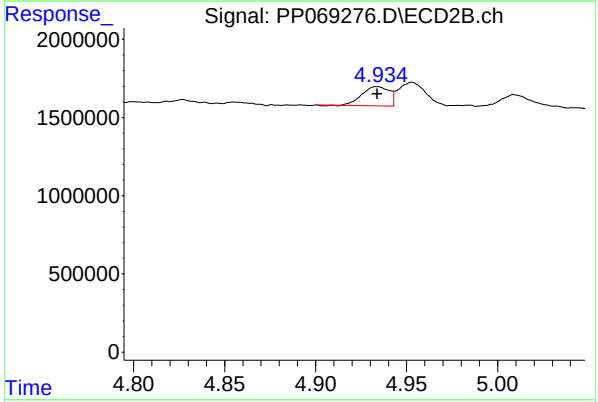
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5291649
Conc: 4.75 ng/ml



#16 AR-1242-1

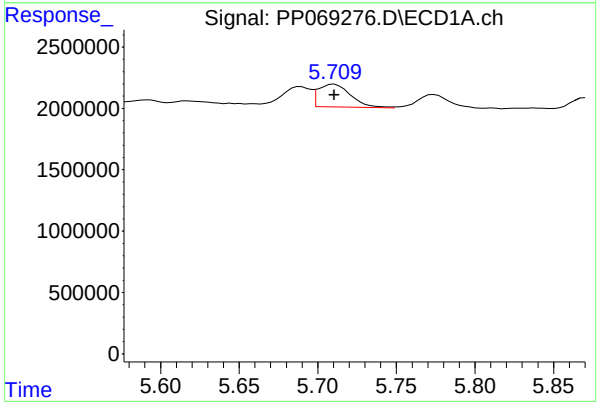
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 2048207
Conc: 49.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



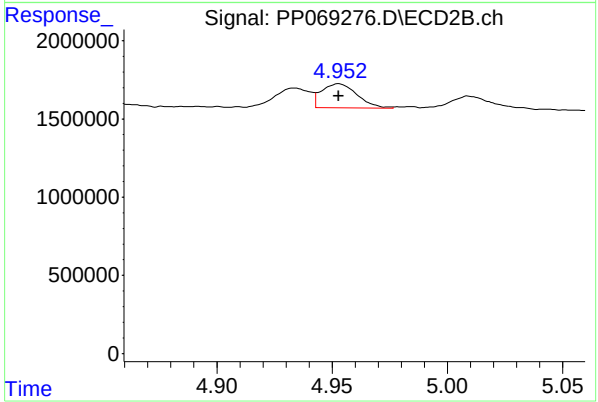
#16 AR-1242-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 1270163
Conc: 44.05 ng/ml



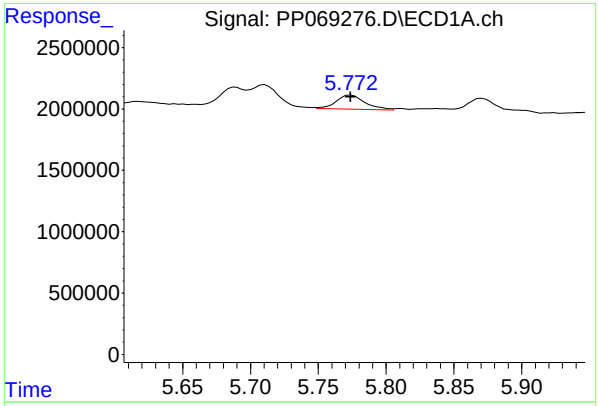
#17 AR-1242-2

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 2705826
Conc: 45.87 ng/ml



#17 AR-1242-2

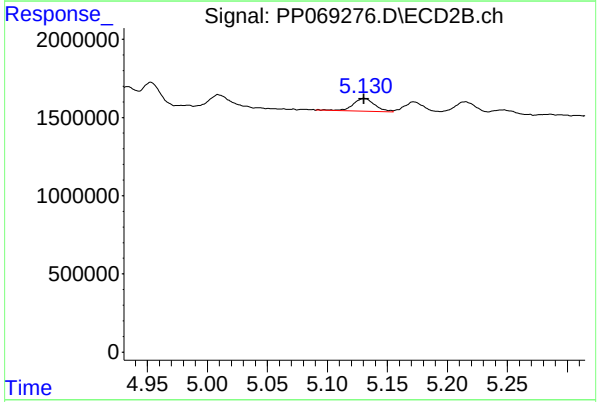
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1653863
Conc: 41.98 ng/ml



#18 AR-1242-3

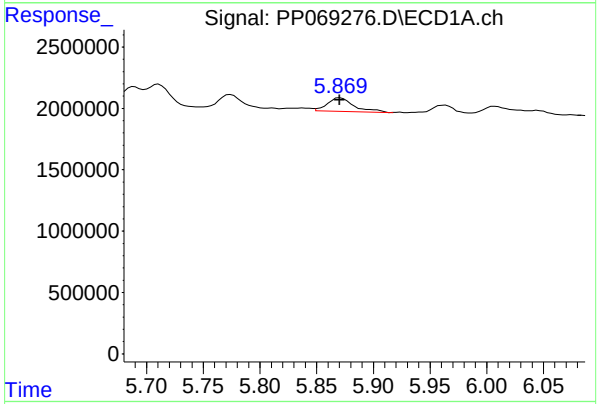
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1740514
Conc: 46.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



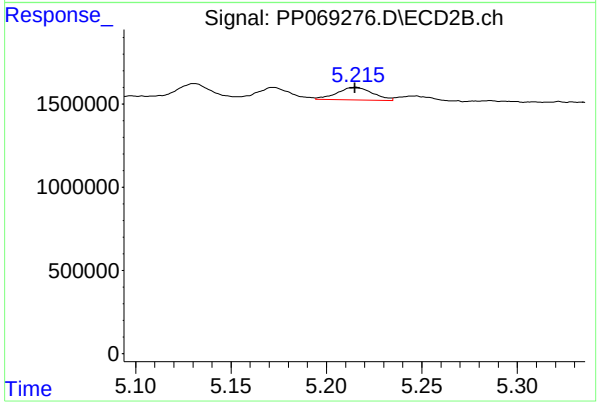
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 1035839
Conc: 46.03 ng/ml



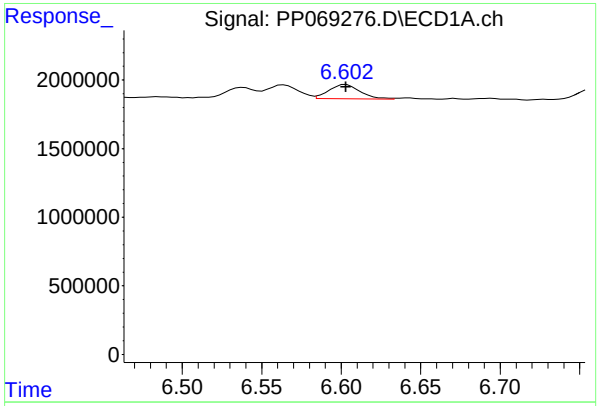
#19 AR-1242-4

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 1808303
Conc: 55.14 ng/ml



#19 AR-1242-4

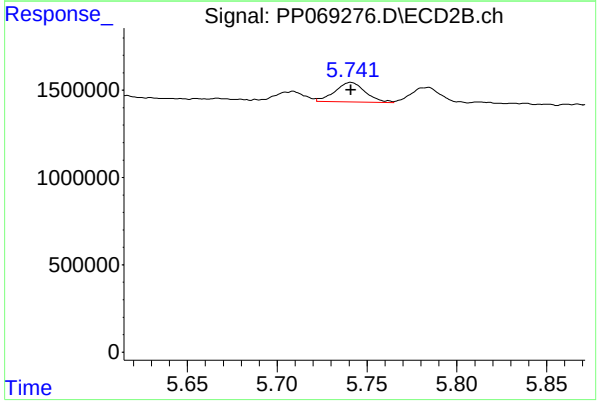
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 993205
Conc: 46.02 ng/ml



#20 AR-1242-5

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 1440165
Conc: 44.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 1338070
Conc: 46.51 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:26
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: Jan 28 14:15:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 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...	4.536	3.841	139.8E6	93340429	96.035	98.382
2)	SA Decachlor...	10.278	8.912	103.8E6	98040406	95.812	93.069
	Target Compounds						
21)	L5 AR-1248-1	5.690	4.934	29720774	21330255	955.393	958.327
22)	L5 AR-1248-2	5.963	5.172	40031392	28324001	958.740	965.847
23)	L5 AR-1248-3	6.166	5.215	44249426	29601440	956.494	967.648
24)	L5 AR-1248-4	6.565	5.388	52361428	35306028	948.489	964.835
25)	L5 AR-1248-5	6.604	5.784	50435355	36064443	950.417	976.042

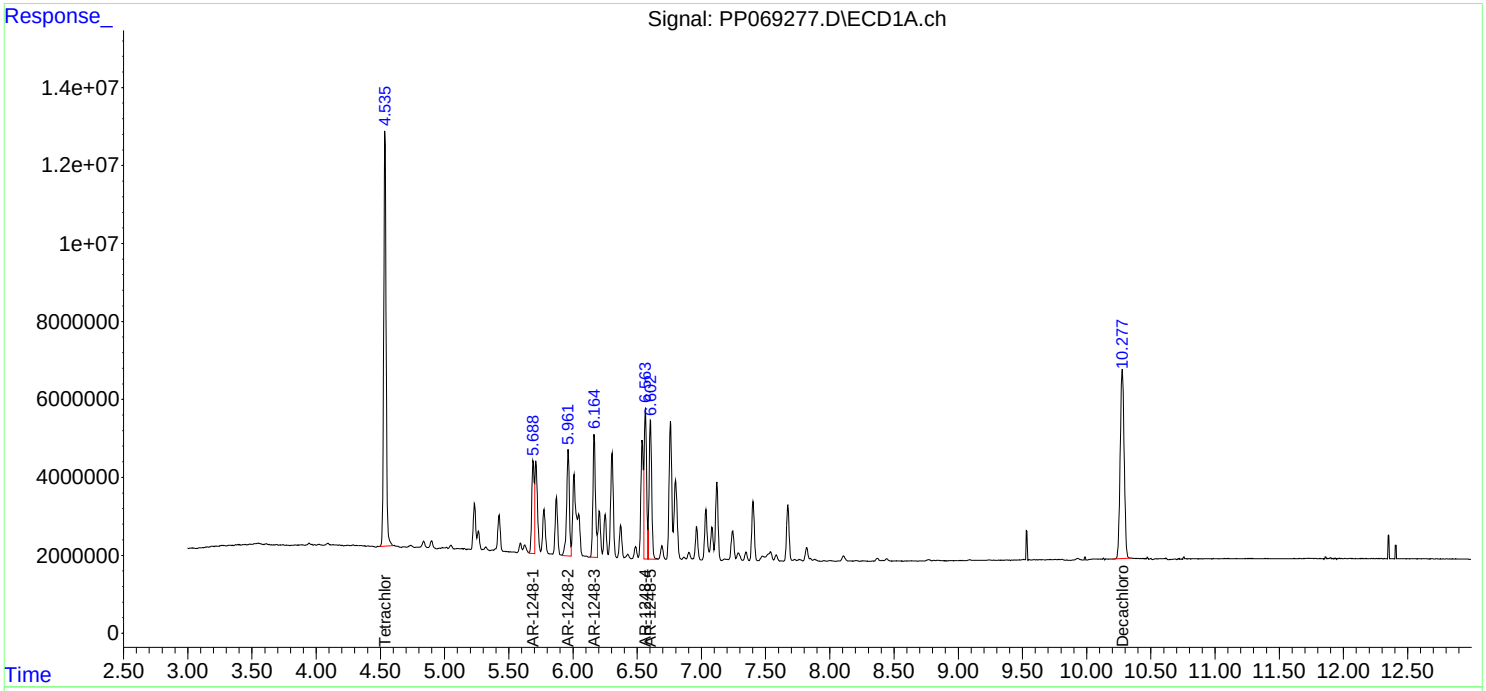
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

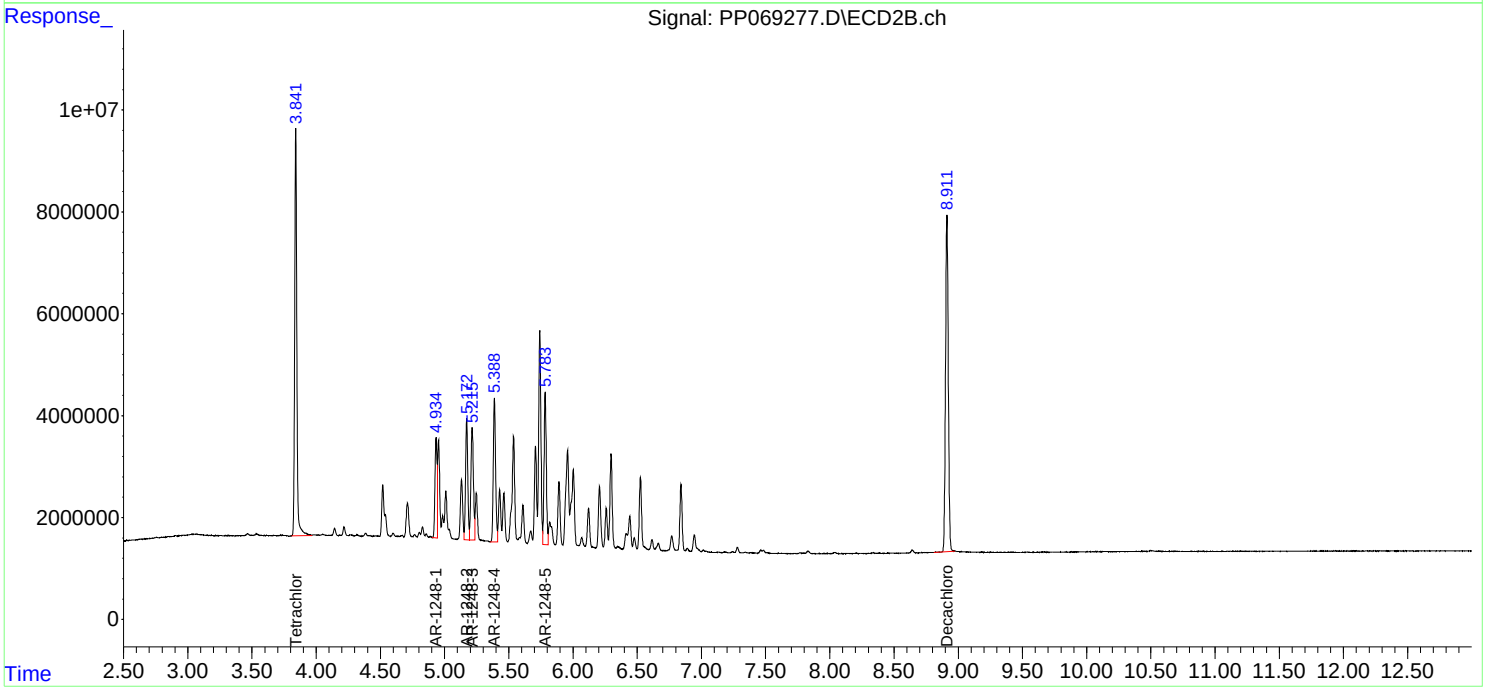
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

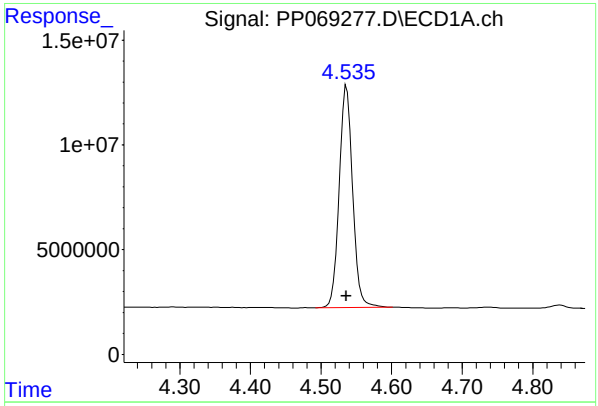
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:15:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 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



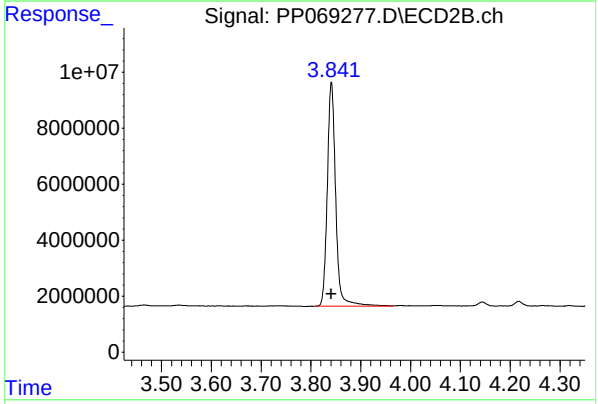




#1 Tetrachloro-m-xylene

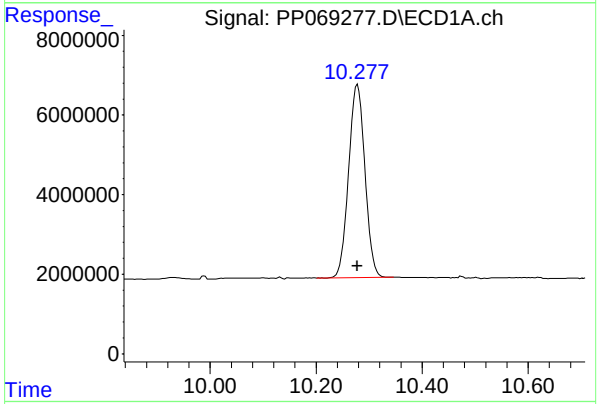
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 139785076
Conc: 96.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



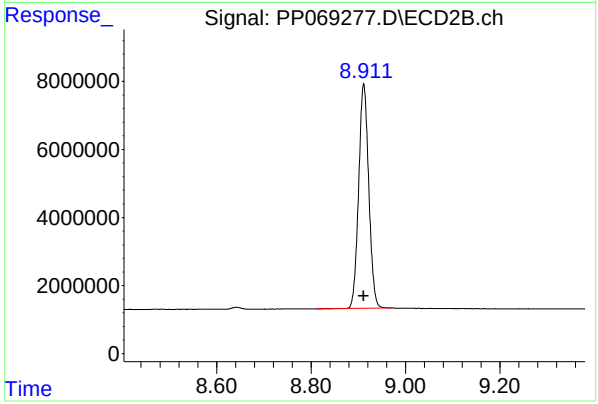
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 93340429
Conc: 98.38 ng/ml



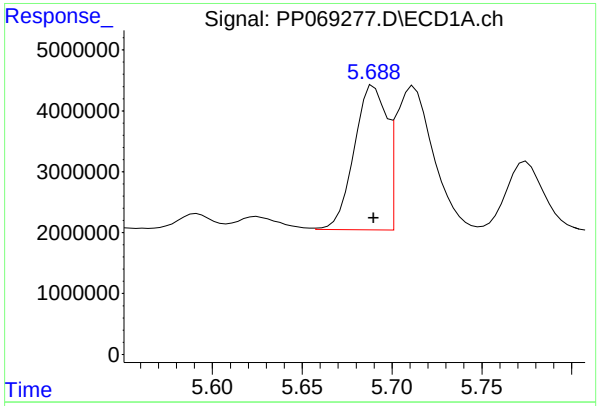
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 103763918
Conc: 95.81 ng/ml



#2 Decachlorobiphenyl

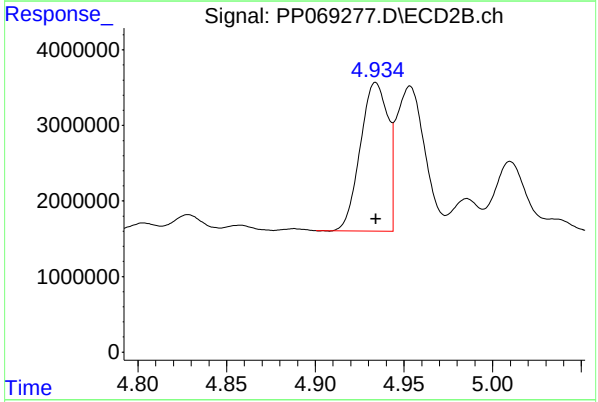
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 98040406
Conc: 93.07 ng/ml



#21 AR-1248-1

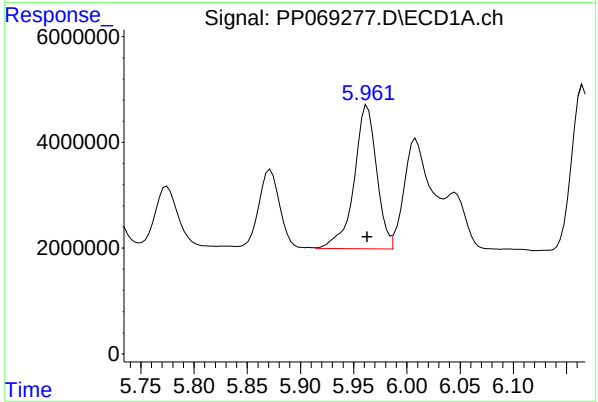
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 29720774
Conc: 955.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



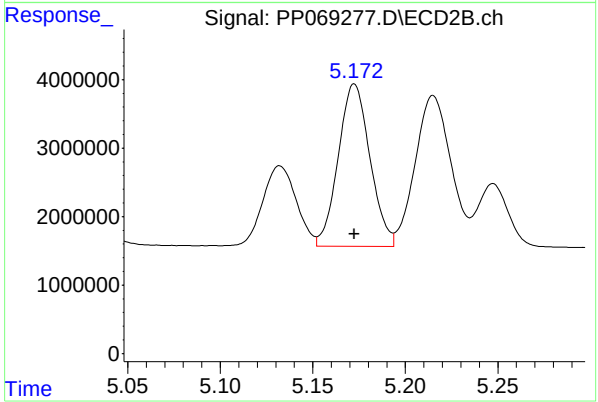
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 21330255
Conc: 958.33 ng/ml



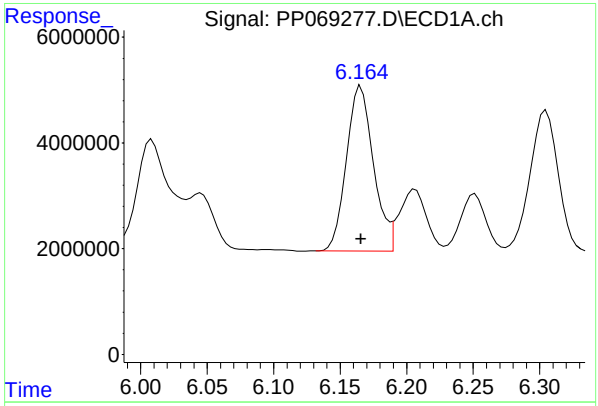
#22 AR-1248-2

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 40031392
Conc: 958.74 ng/ml



#22 AR-1248-2

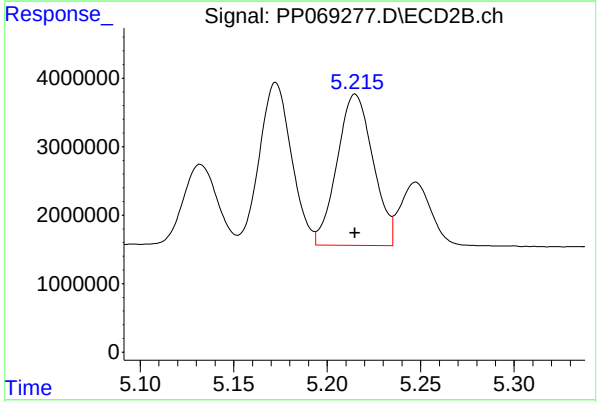
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 28324001
Conc: 965.85 ng/ml



#23 AR-1248-3

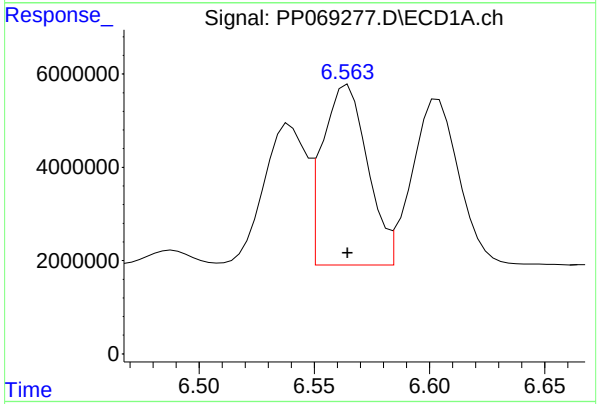
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 44249426
Conc: 956.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



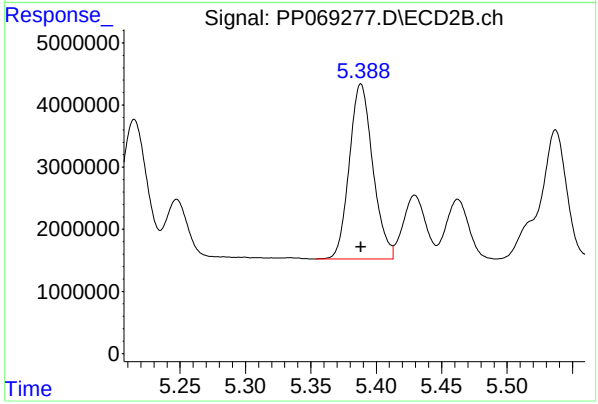
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 29601440
Conc: 967.65 ng/ml



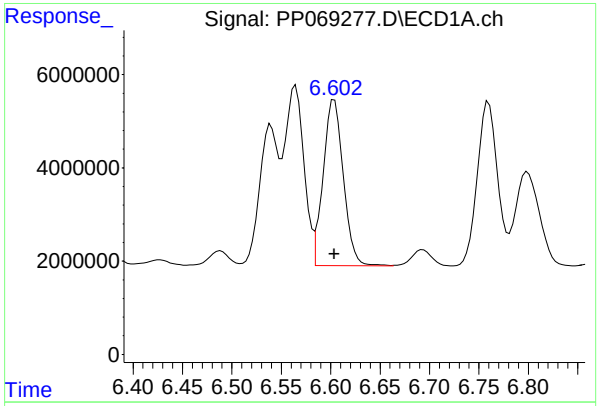
#24 AR-1248-4

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 52361428
Conc: 948.49 ng/ml



#24 AR-1248-4

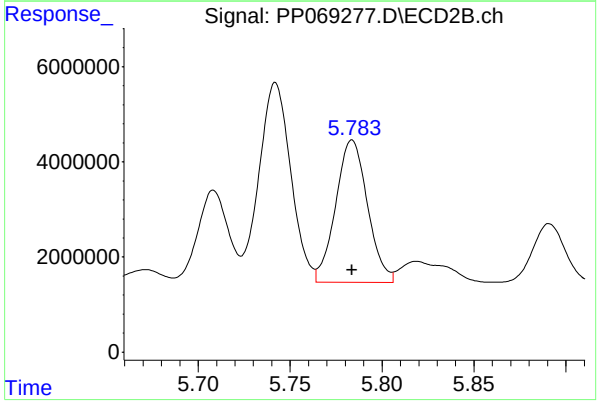
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 35306028
Conc: 964.84 ng/ml



#25 AR-1248-5

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 50435355
Conc: 950.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 36064443
Conc: 976.04 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:42
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: Jan 28 14:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 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...	4.536	3.841	108.1E6	69616300	74.502	73.910
2)	SA Decachlor...	10.277	8.912	80239411	71992164	74.391	70.426
	Target Compounds						
21)	L5 AR-1248-1	5.690	4.934	23301477	15640407	749.360	717.785
22)	L5 AR-1248-2	5.962	5.173	30590155	20848478	738.326	723.494
23)	L5 AR-1248-3	6.165	5.215	33991113	21573142	739.764	719.533
24)	L5 AR-1248-4	6.564	5.388	40921037	25659920	744.147	716.765
25)	L5 AR-1248-5	6.603	5.783	39260909	26856514	743.198	734.399

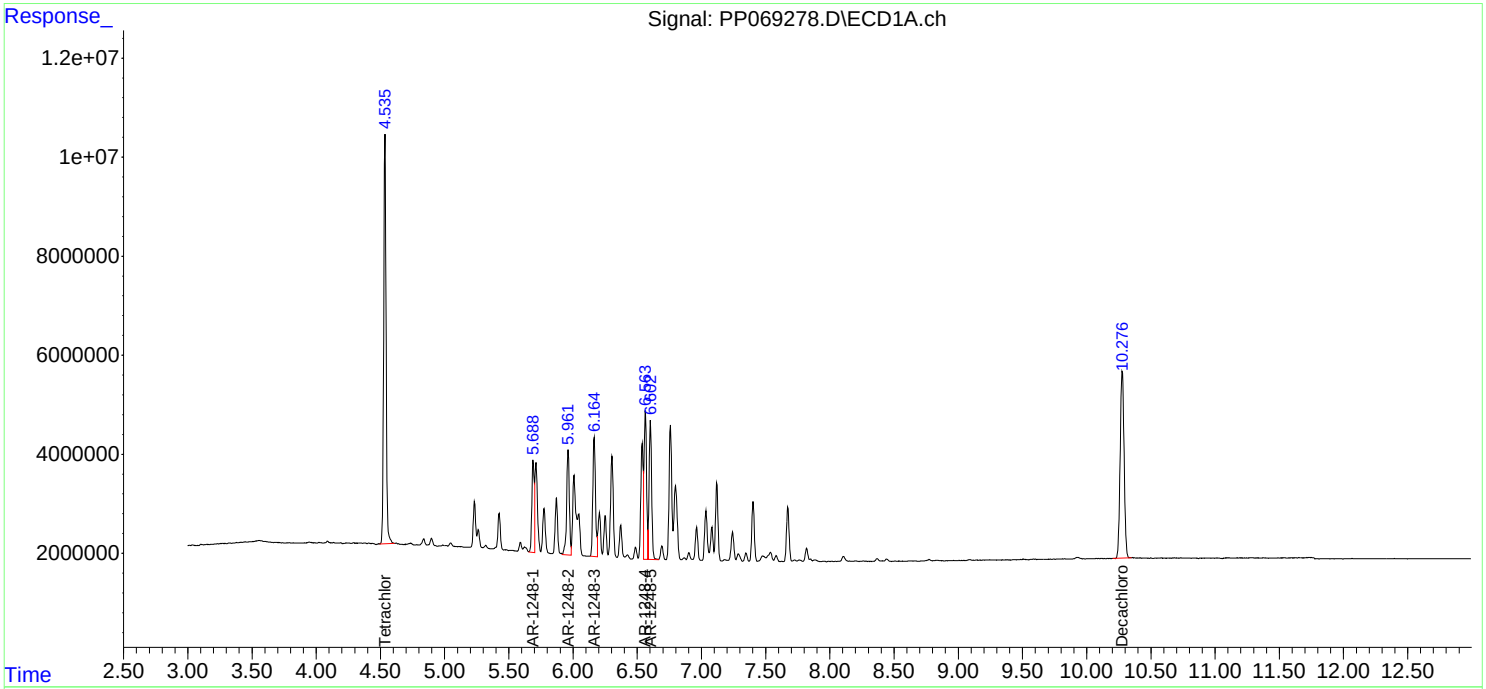
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

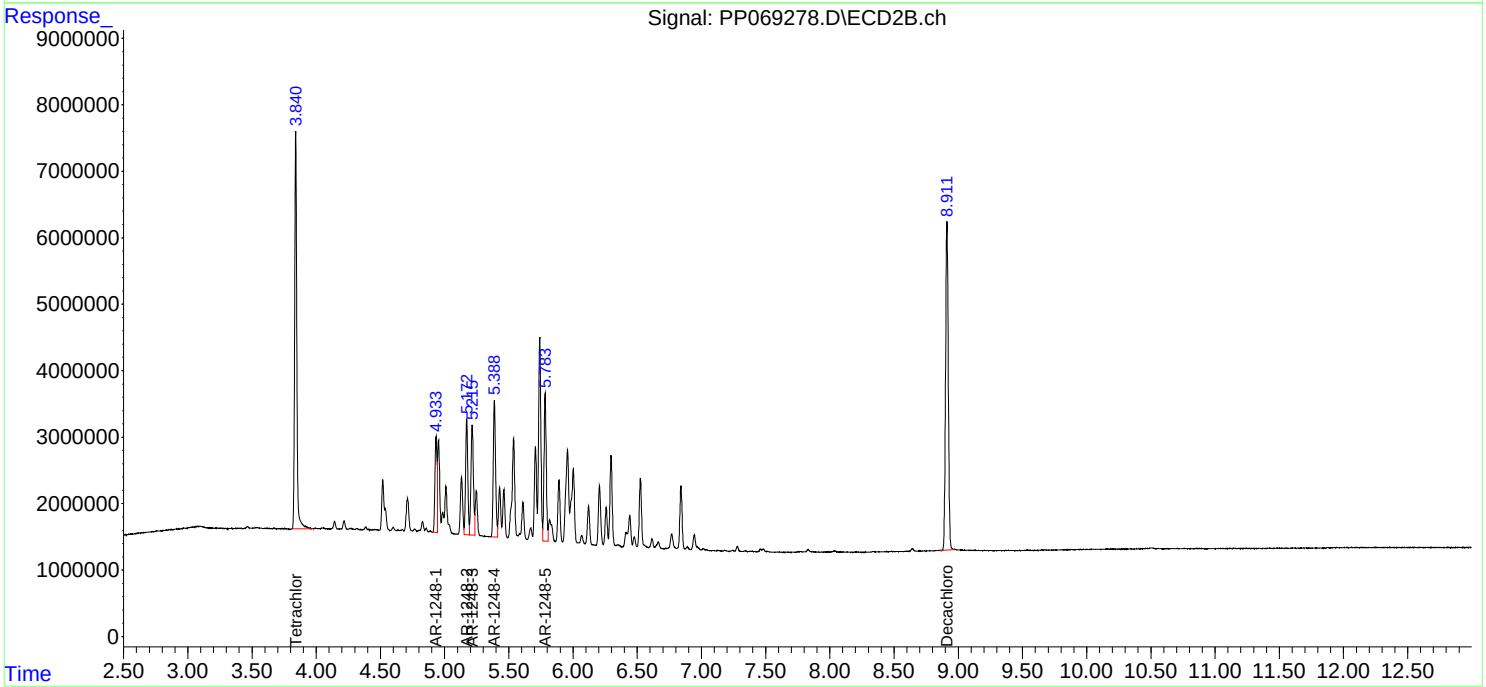
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

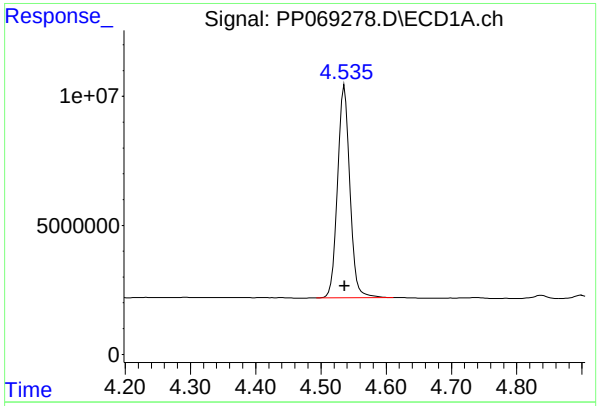
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:17:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 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



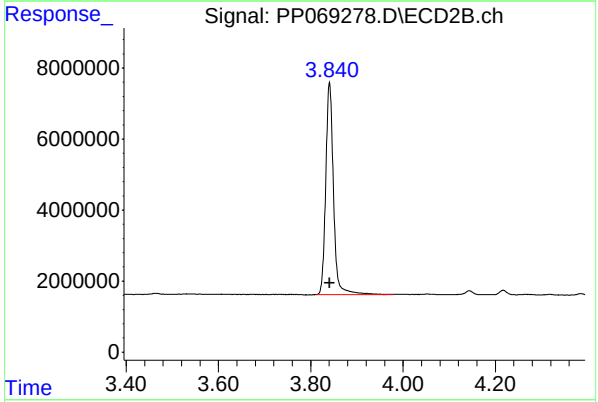




#1 Tetrachloro-m-xylene

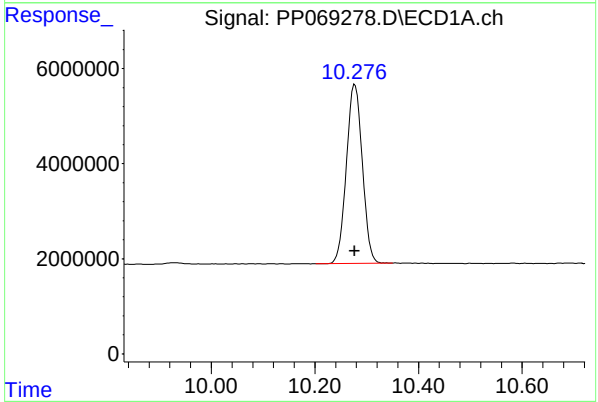
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 108083506
Conc: 74.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



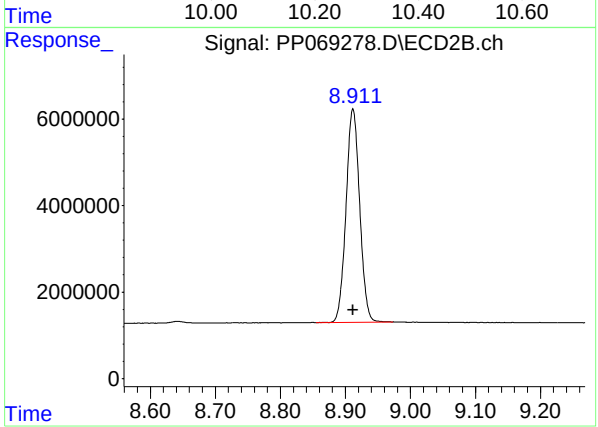
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 69616300
Conc: 73.91 ng/ml



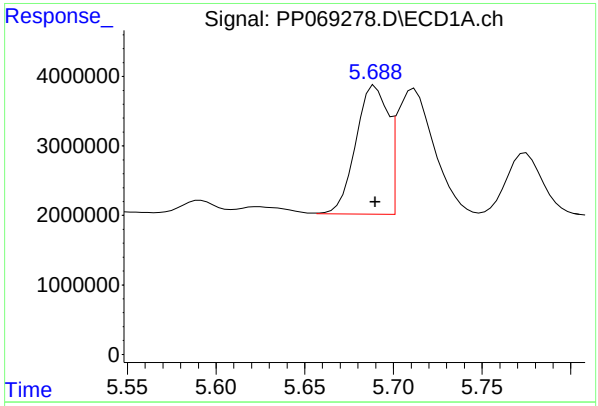
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 80239411
Conc: 74.39 ng/ml



#2 Decachlorobiphenyl

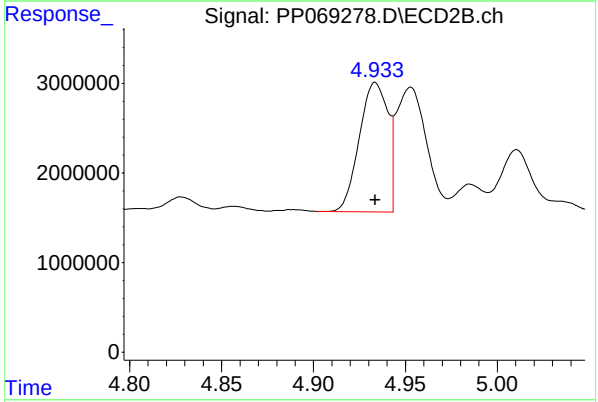
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 71992164
Conc: 70.43 ng/ml



#21 AR-1248-1

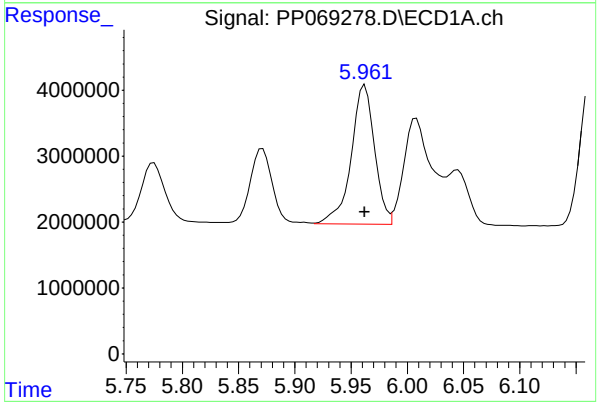
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 23301477
Conc: 749.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



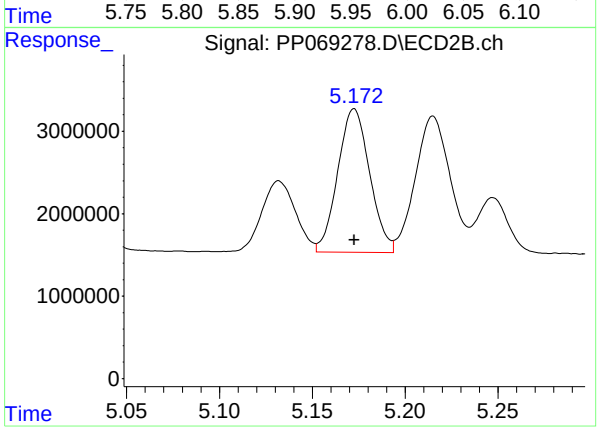
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 15640407
Conc: 717.78 ng/ml



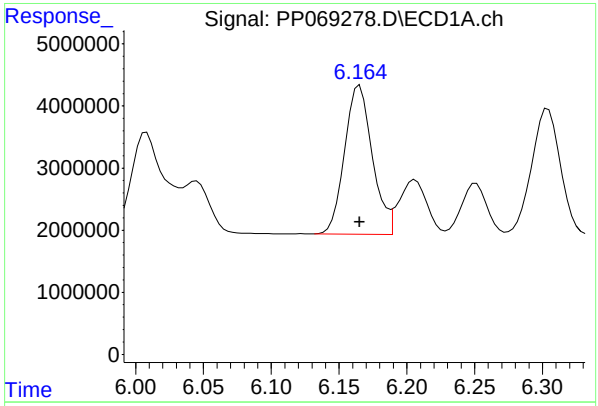
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 30590155
Conc: 738.33 ng/ml



#22 AR-1248-2

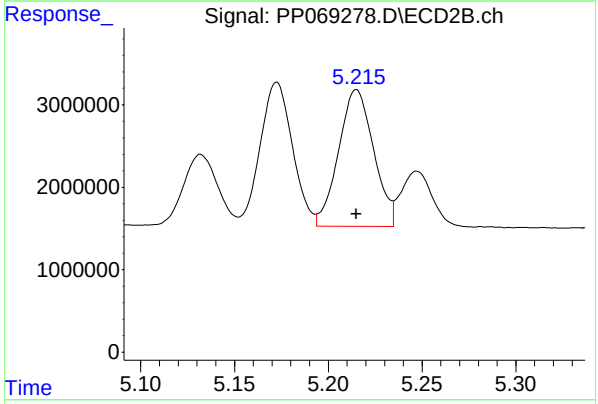
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 20848478
Conc: 723.49 ng/ml



#23 AR-1248-3

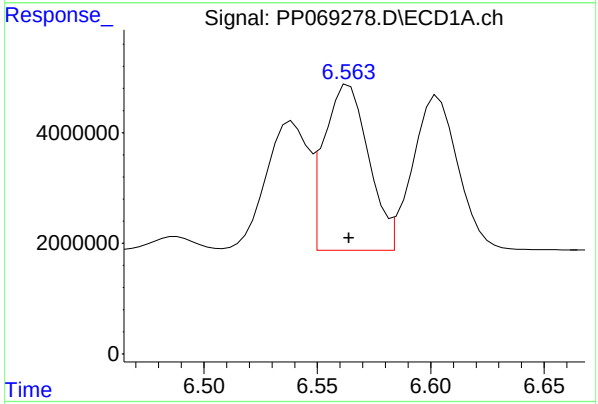
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 33991113
Conc: 739.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



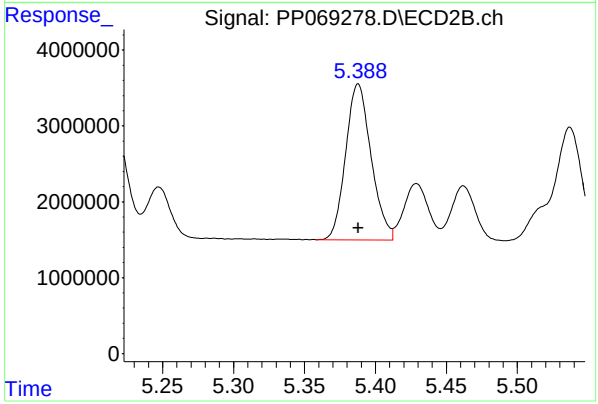
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 21573142
Conc: 719.53 ng/ml



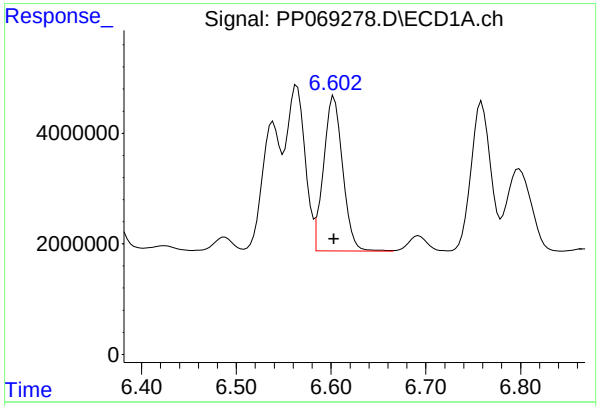
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 40921037
Conc: 744.15 ng/ml



#24 AR-1248-4

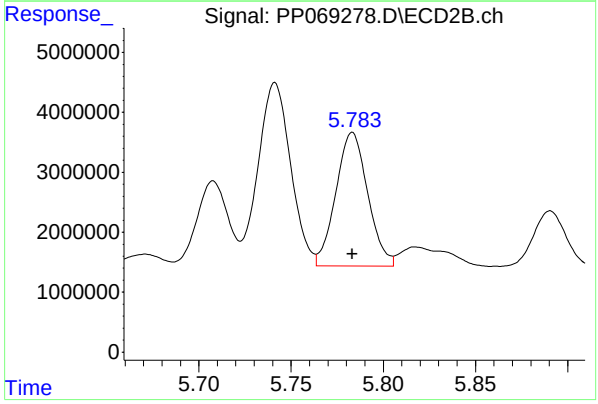
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25659920
Conc: 716.77 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 39260909
Conc: 743.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 26856514
Conc: 734.40 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:58
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: Jan 28 14:12:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 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...	4.539	3.841	75663746	48204955	50.000	50.000
2)	SA Decachlor...	10.280	8.912	56417147	56321067	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.692	4.934	16248025	11592688	500.000	500.000
22)	L5 AR-1248-2	5.966	5.173	21738491	15163563	500.000	500.000
23)	L5 AR-1248-3	6.168	5.216	24137406	15790400	500.000	500.000
24)	L5 AR-1248-4	6.567	5.388	29024379	18939791	500.000	500.000
25)	L5 AR-1248-5	6.606	5.784	27848887	18917464	500.000	500.000

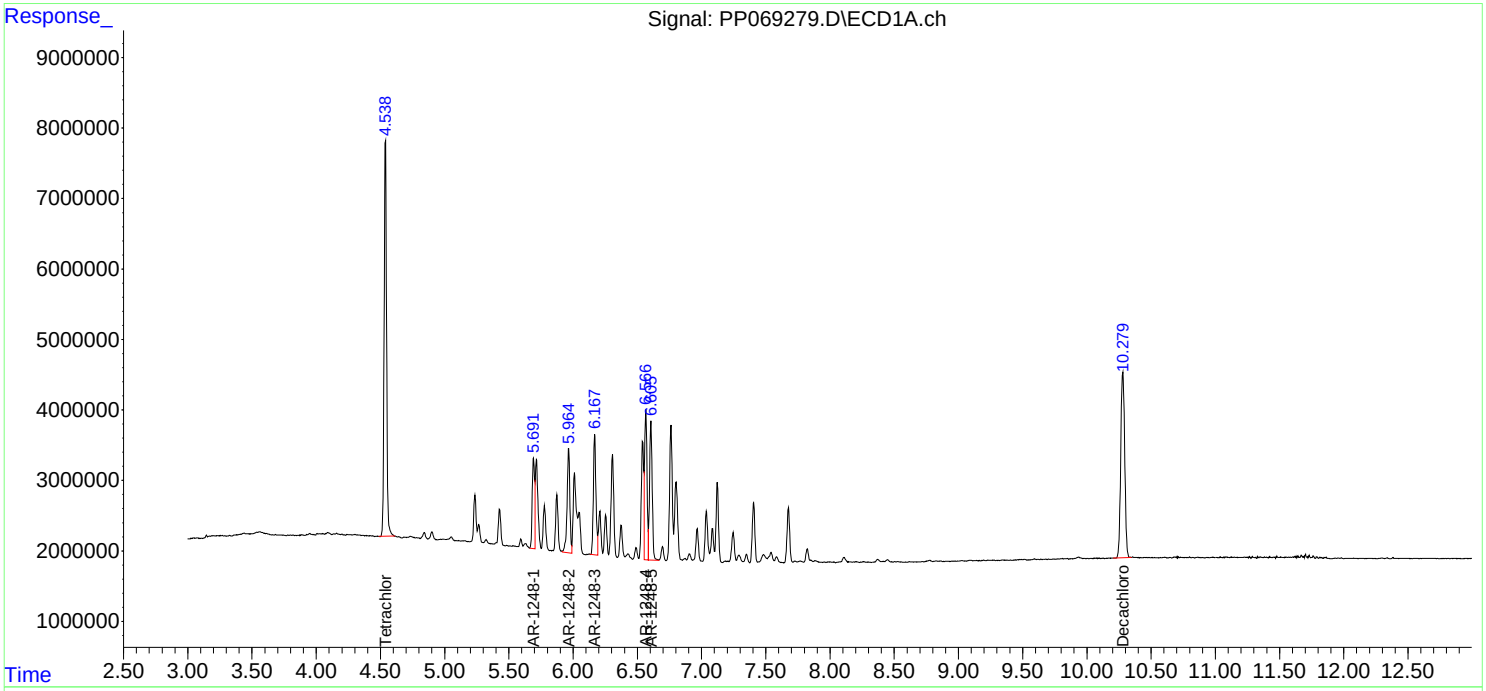
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

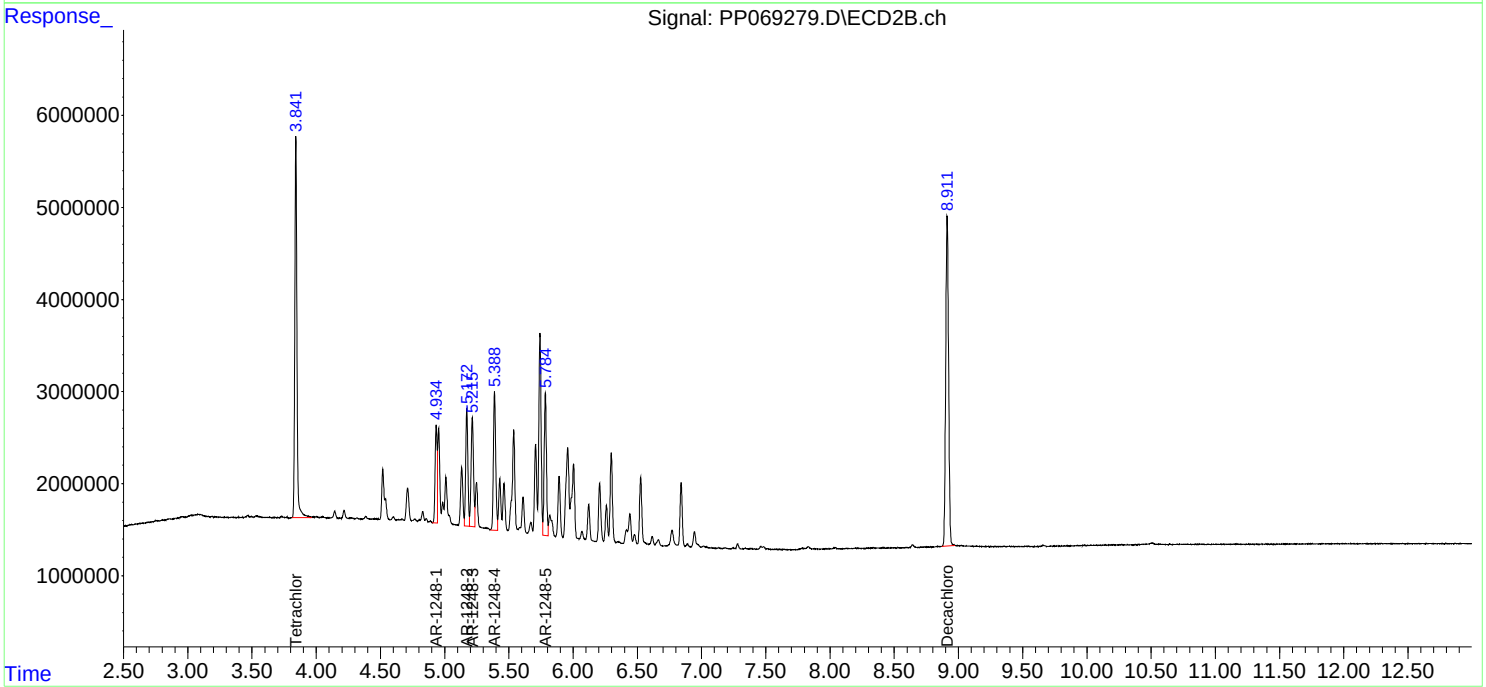
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:58
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

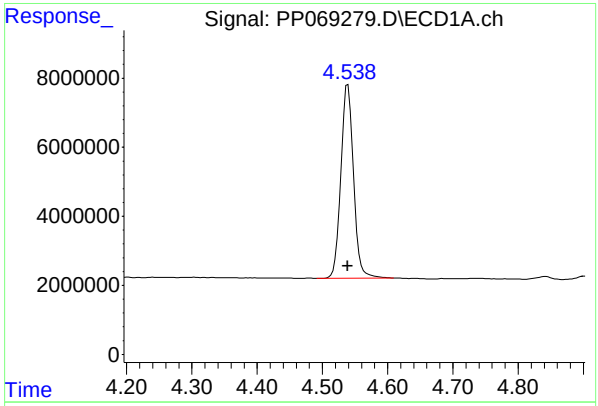
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:12:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:11:04 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



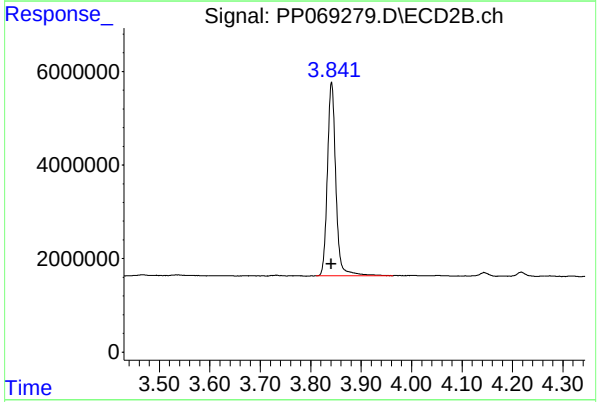




#1 Tetrachloro-m-xylene

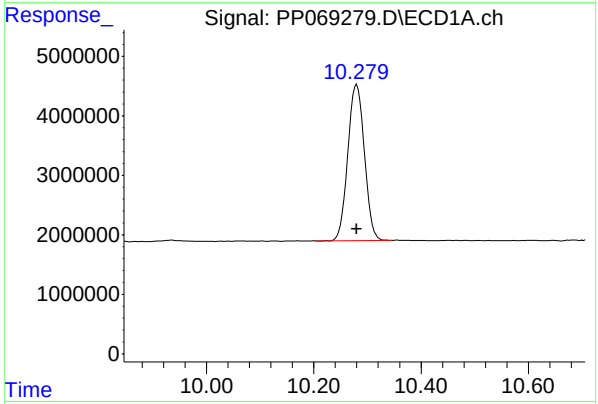
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 75663746
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



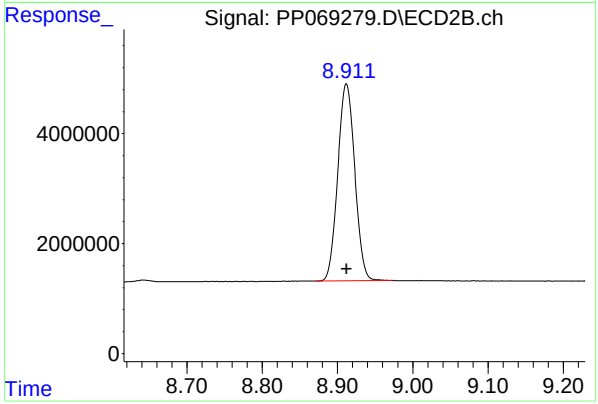
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 48204955
Conc: 50.00 ng/ml



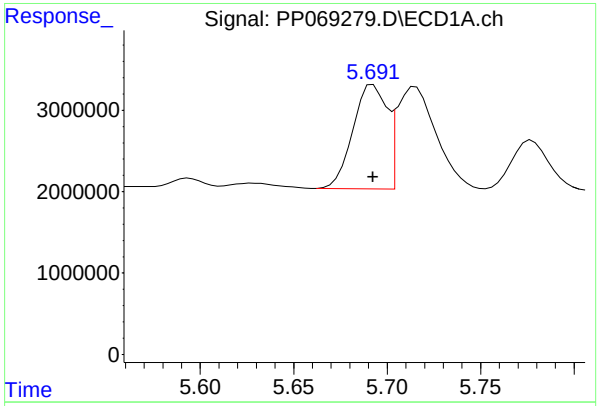
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.000 min
Response: 56417147
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

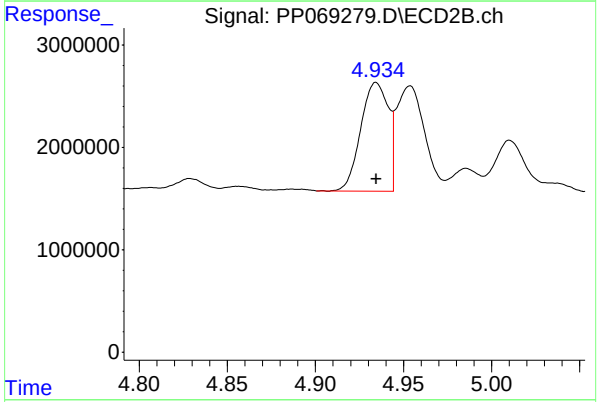
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 56321067
Conc: 50.00 ng/ml



#21 AR-1248-1

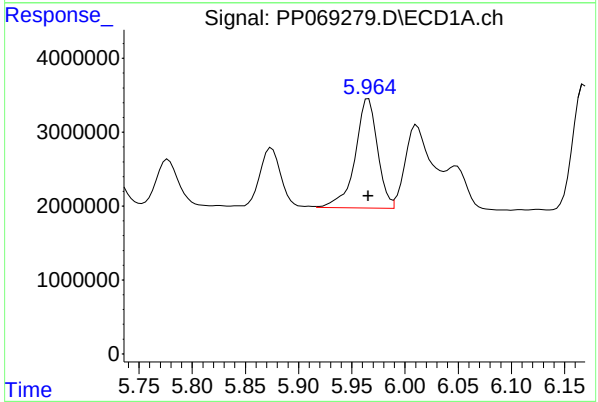
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 16248025
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



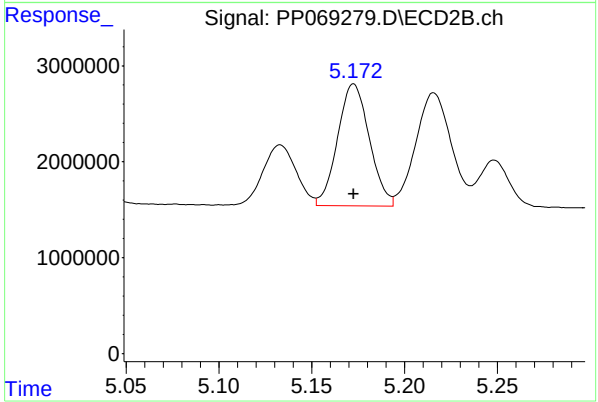
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 11592688
Conc: 500.00 ng/ml



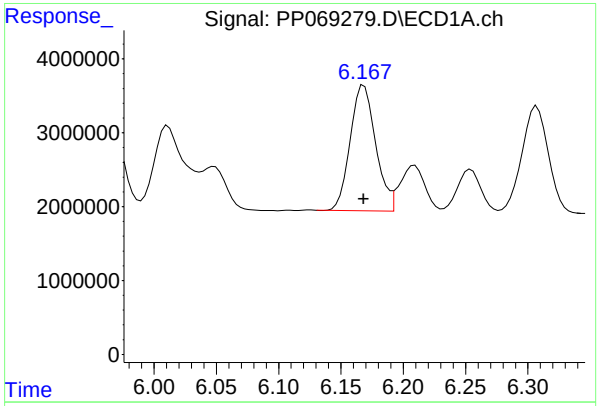
#22 AR-1248-2

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 21738491
Conc: 500.00 ng/ml



#22 AR-1248-2

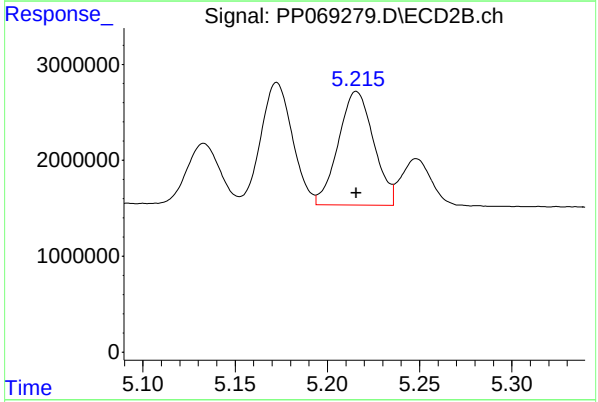
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 15163563
Conc: 500.00 ng/ml



#23 AR-1248-3

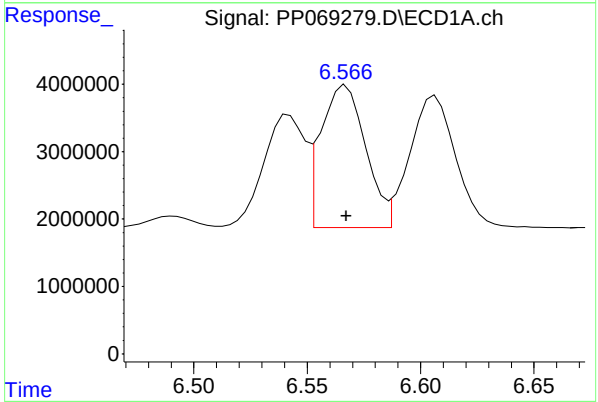
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 24137406
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



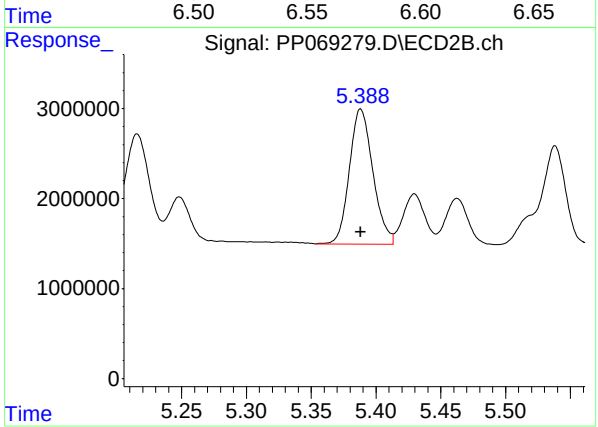
#23 AR-1248-3

R.T.: 5.216 min
Delta R.T.: 0.000 min
Response: 15790400
Conc: 500.00 ng/ml



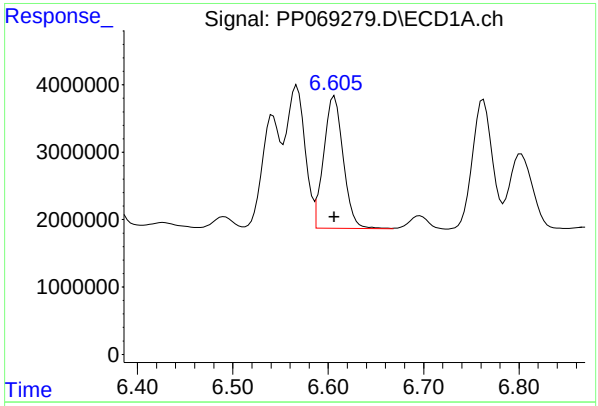
#24 AR-1248-4

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 29024379
Conc: 500.00 ng/ml



#24 AR-1248-4

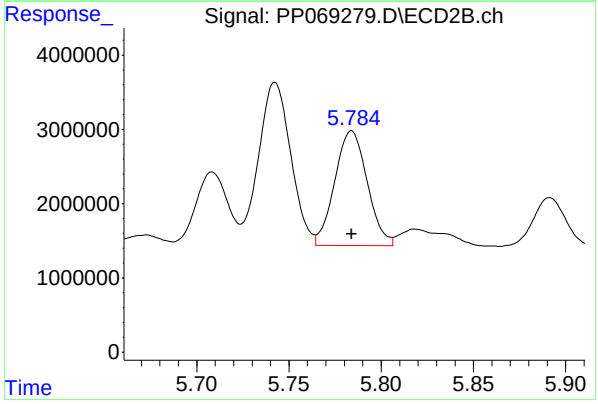
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 18939791
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.606 min
Delta R.T.: 0.000 mi
Response: 27848887
Conc: 500.00 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 18917464
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 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...	4.535	3.840	38900473	25359775	26.336	26.416
2)	SA Decachlor...	10.277	8.911	29432874	30058024	26.677	28.164
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	9122332	6315546	281.174	278.735
22)	L5 AR-1248-2	5.962	5.171	11494735	8502337	270.029	282.333
23)	L5 AR-1248-3	6.165	5.214	12315718	8710002	263.285	279.197
24)	L5 AR-1248-4	6.562	5.387	14748750	10295186	262.158m	277.163
25)	L5 AR-1248-5	6.602	5.783	14422513	10509480	268.328m	277.028

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

ICAL Form

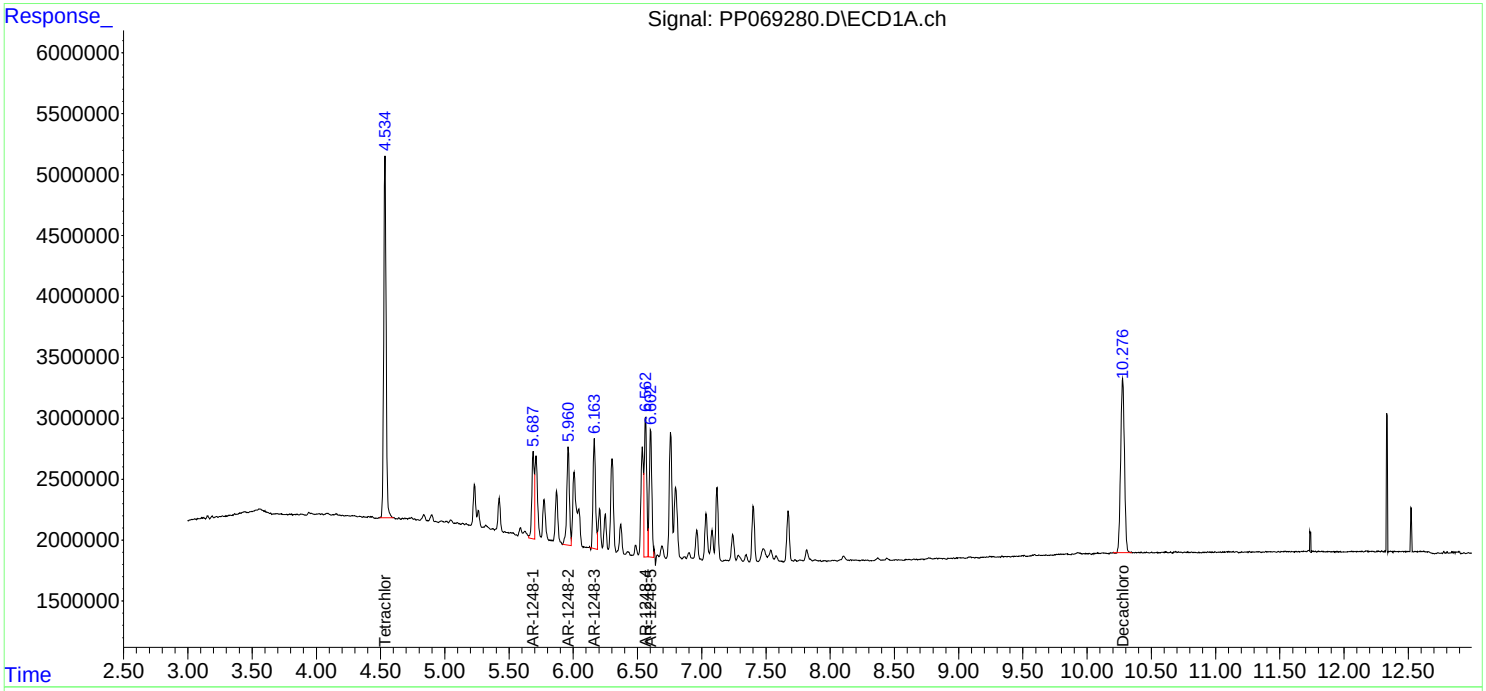
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

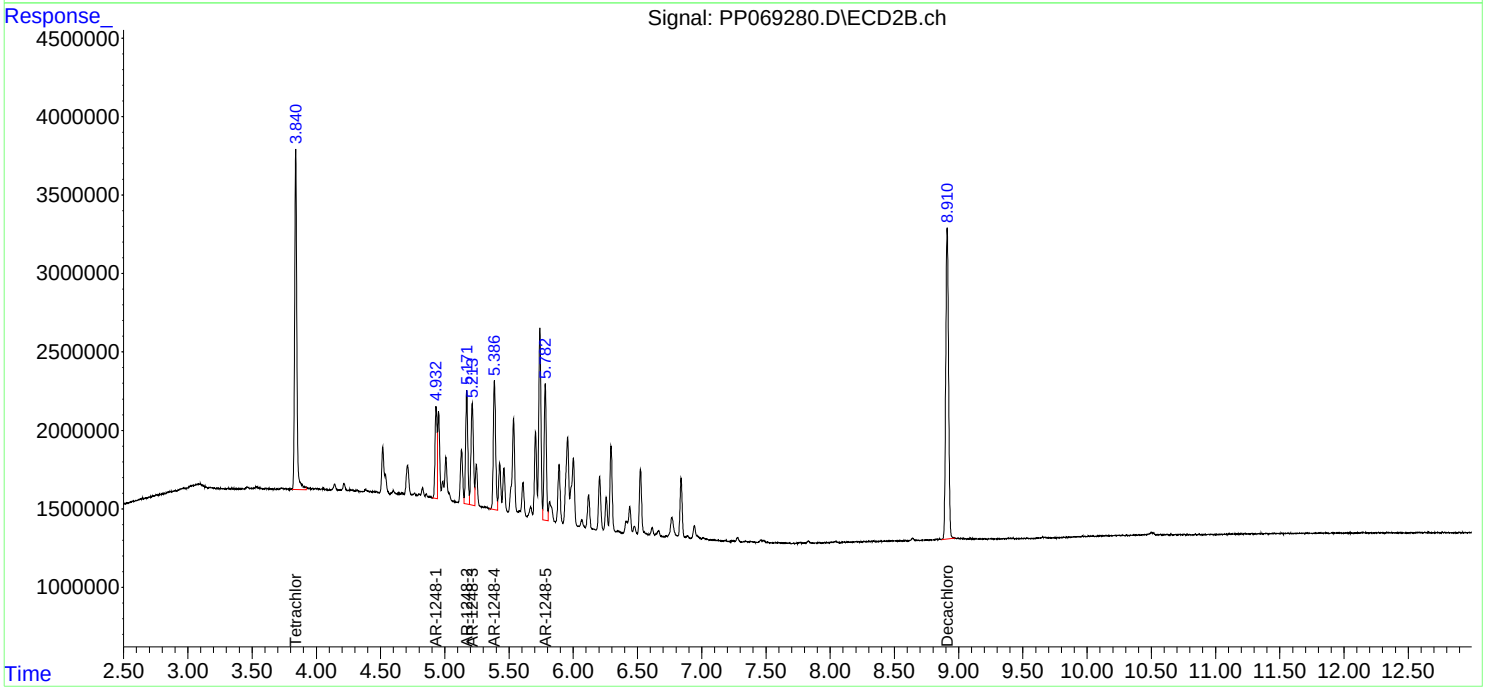
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

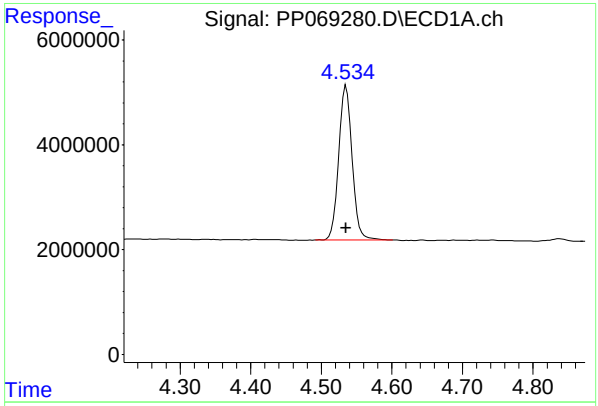
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 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







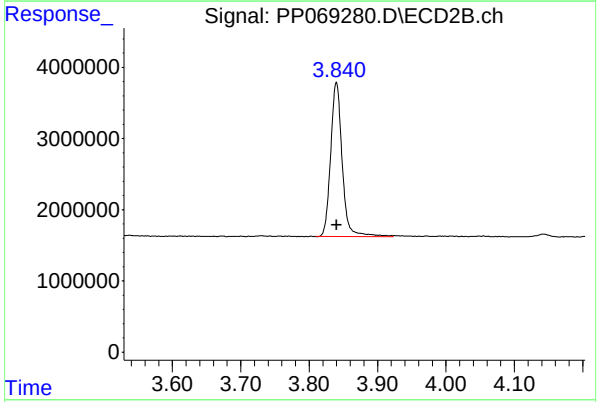
#1 Tetrachloro-m-xylene

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 38900473
Conc: 26.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

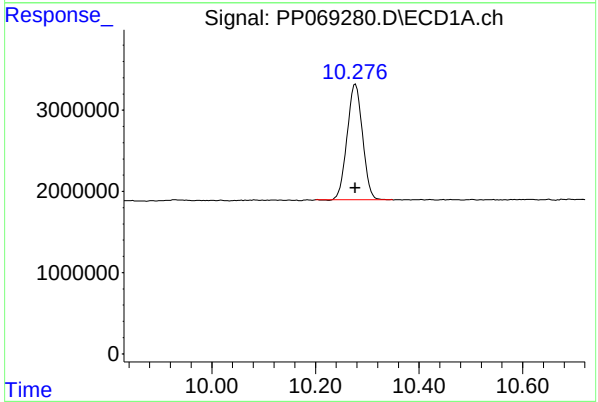
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



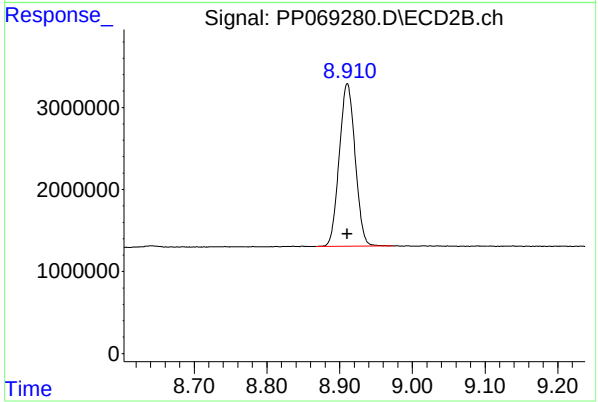
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 25359775
Conc: 26.42 ng/ml



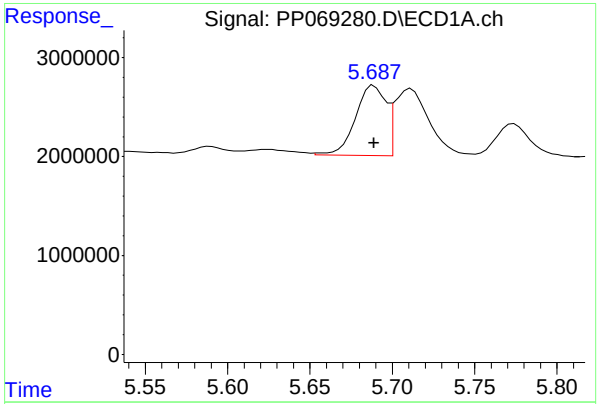
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29432874
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 30058024
Conc: 28.16 ng/ml



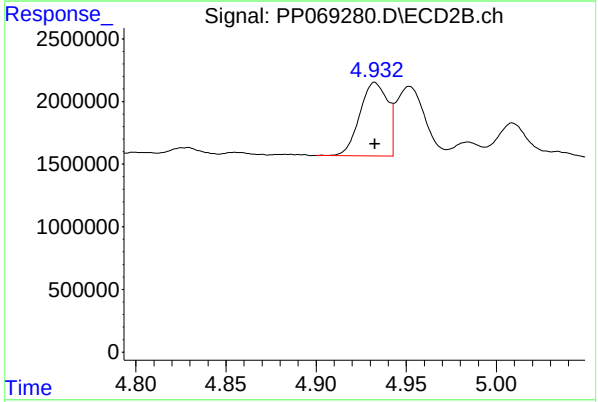
#21 AR-1248-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 9122332
Conc: 281.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

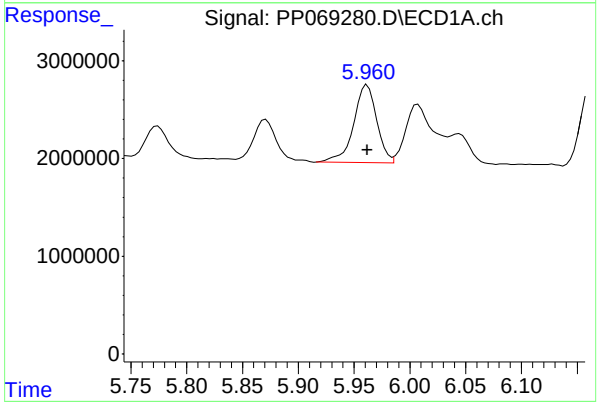
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



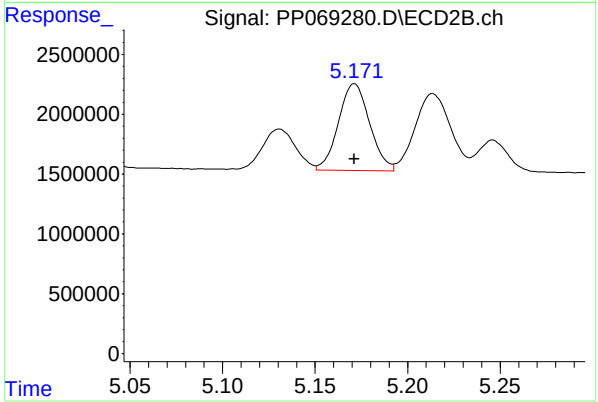
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 6315546
Conc: 278.73 ng/ml



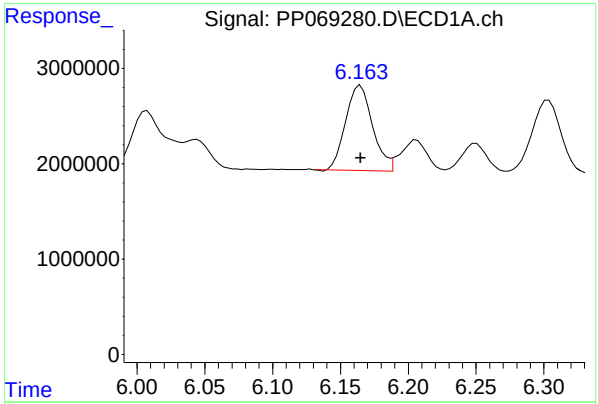
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 11494735
Conc: 270.03 ng/ml



#22 AR-1248-2

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 8502337
Conc: 282.33 ng/ml



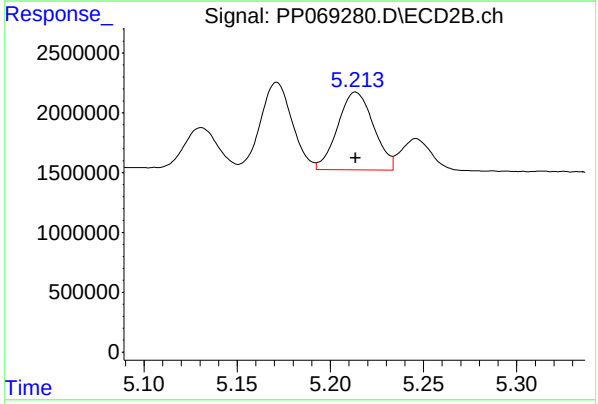
#23 AR-1248-3

R.T.: 6.165 min
Delta R.T.: 0.000 mi
Response: 12315718
Conc: 263.28 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

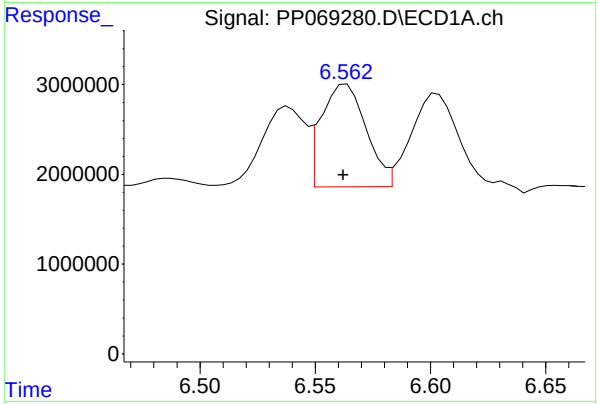
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



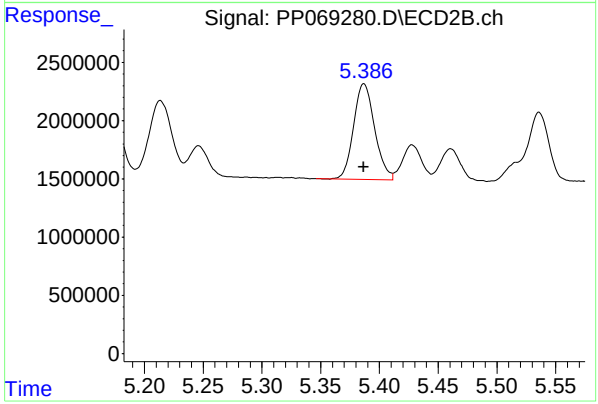
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 8710002
Conc: 279.20 ng/ml



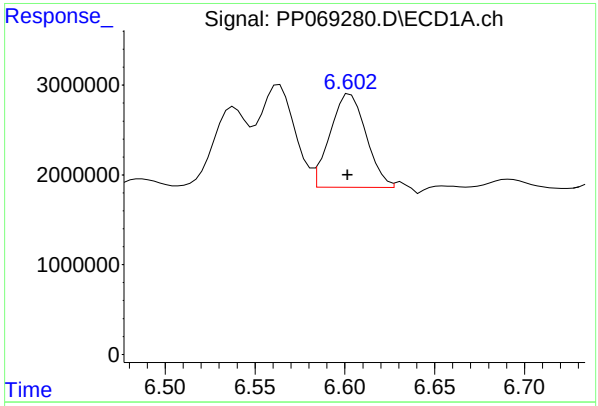
#24 AR-1248-4

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 14748750
Conc: 262.16 ng/ml m



#24 AR-1248-4

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10295186
Conc: 277.16 ng/ml



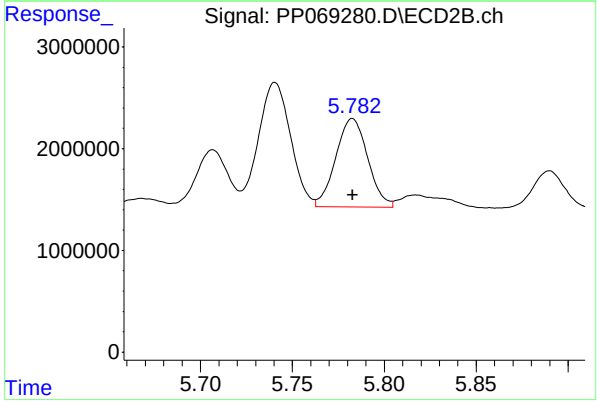
#25 AR-1248-5

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 14422513
Conc: 268.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 10509480
Conc: 277.03 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:31
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: Jan 28 14:50:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:50:37 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...	4.536	3.841	6169681	4124462	4.319	4.421
2)	SA Decachlor...	10.278	8.912	5023917	5520243	4.636	5.137
	Target Compounds						
21)	L5 AR-1248-1	5.690	4.934	1621026	971056	49.971	44.118
22)	L5 AR-1248-2	5.963	5.173	2097890	1493224	49.424	49.667
23)	L5 AR-1248-3	6.165	5.215	2391359	1506753	50.894	48.630
24)	L5 AR-1248-4	6.565	5.388	2581995	1806945	46.842	48.911
25)	L5 AR-1248-5	6.604	5.784	2537395	1760053	47.531	47.074

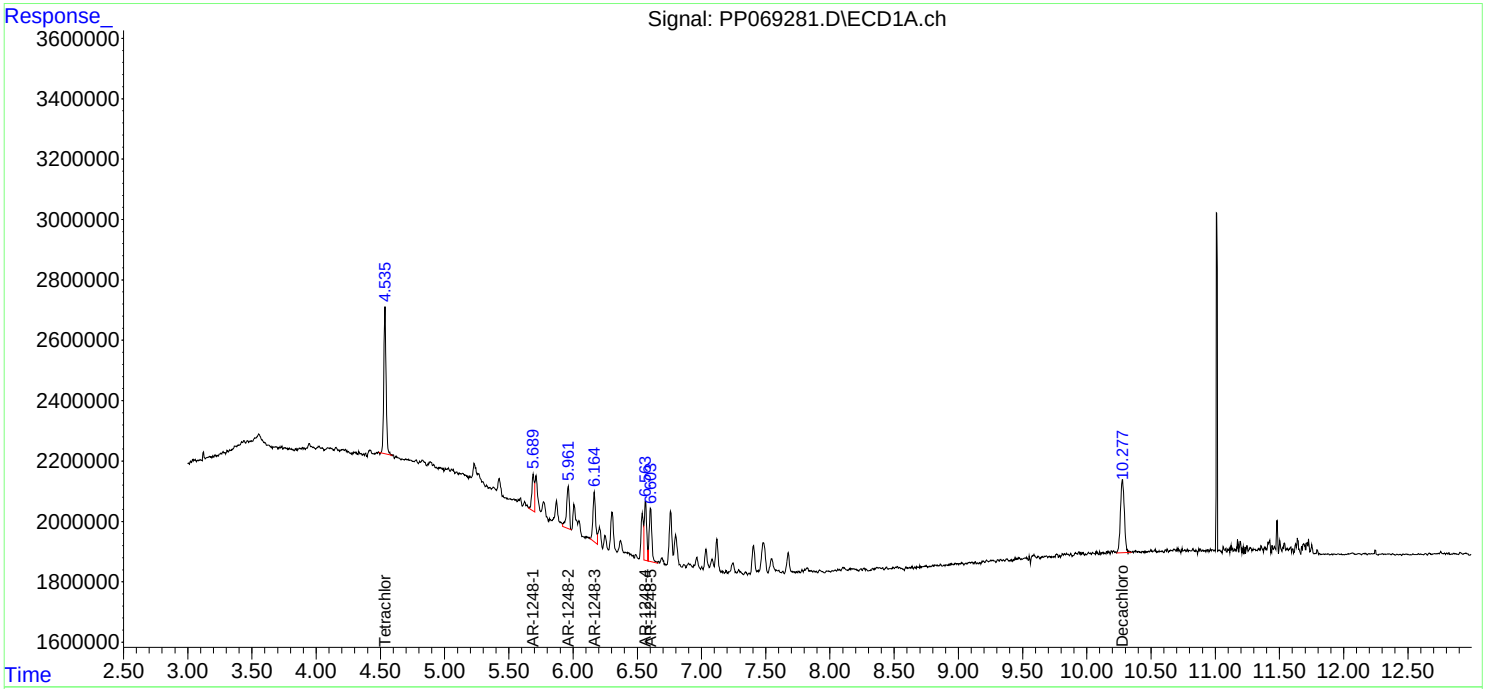
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

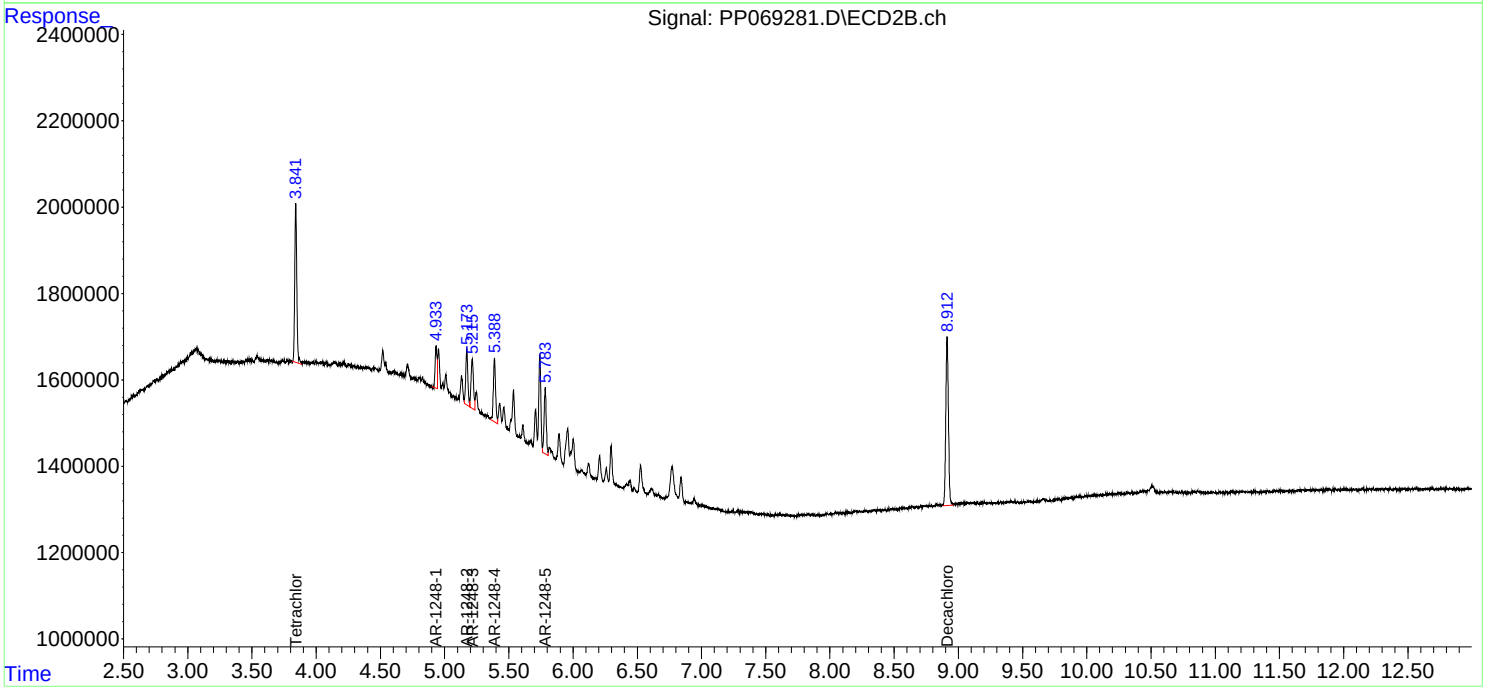
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:31
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

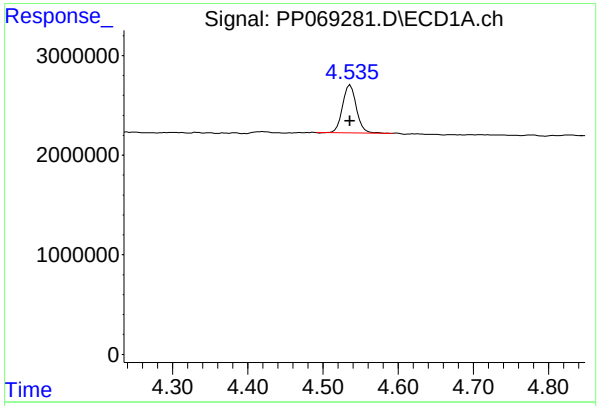
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:50:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:50:37 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



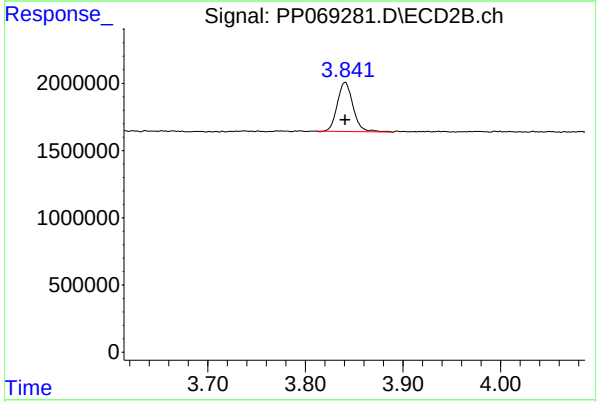




#1 Tetrachloro-m-xylene

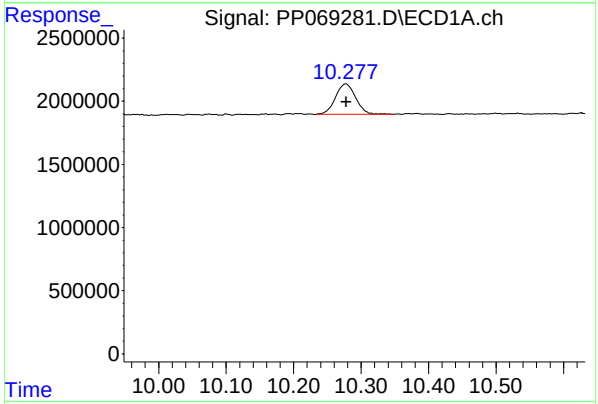
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 6169681
Conc: 4.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



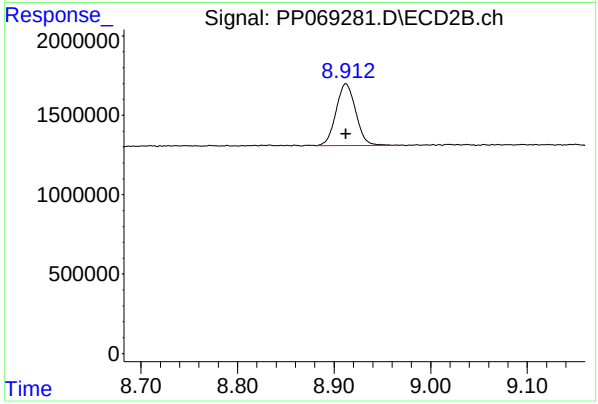
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4124462
Conc: 4.42 ng/ml



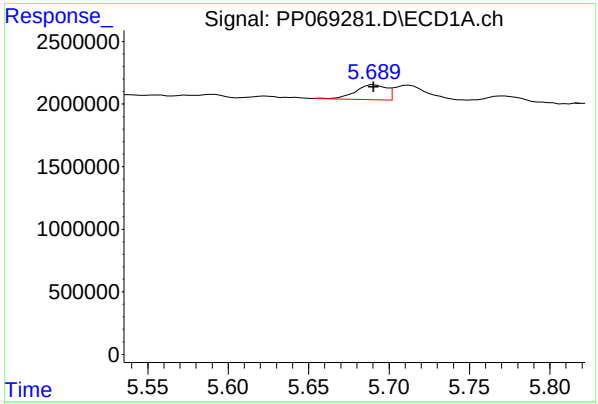
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5023917
Conc: 4.64 ng/ml



#2 Decachlorobiphenyl

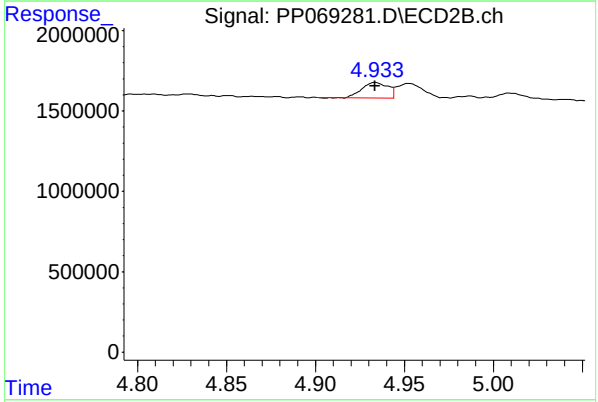
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5520243
Conc: 5.14 ng/ml



#21 AR-1248-1

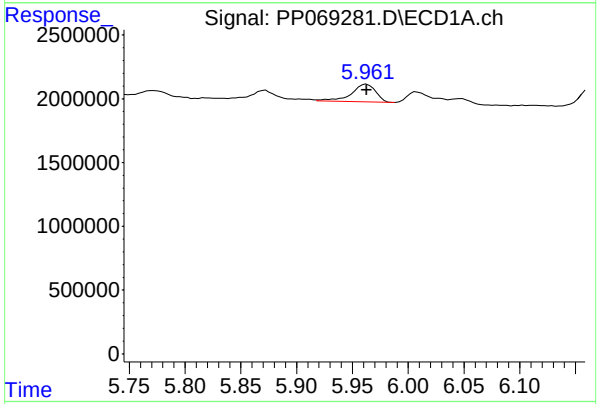
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 1621026
Conc: 49.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



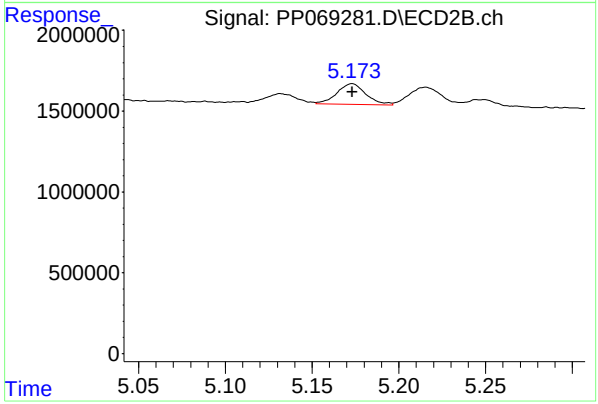
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 971056
Conc: 44.12 ng/ml



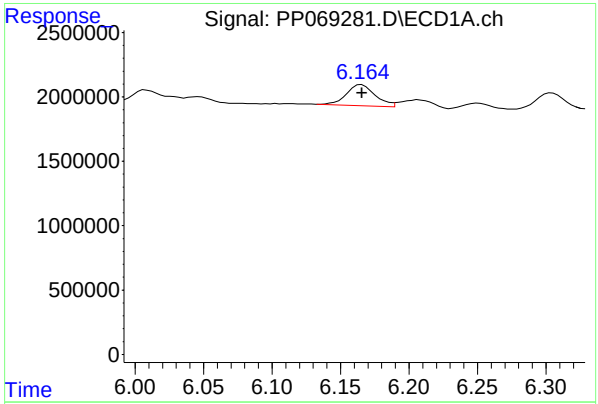
#22 AR-1248-2

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 2097890
Conc: 49.42 ng/ml



#22 AR-1248-2

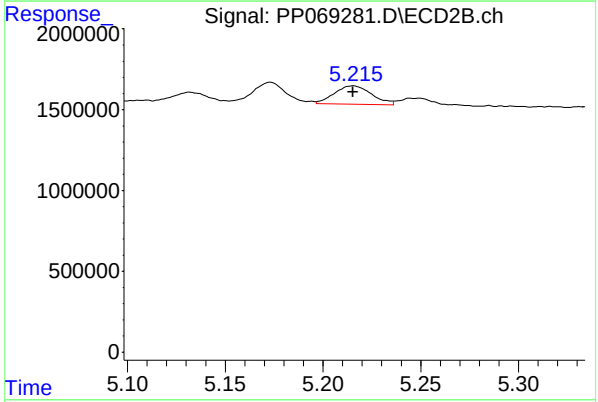
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1493224
Conc: 49.67 ng/ml



#23 AR-1248-3

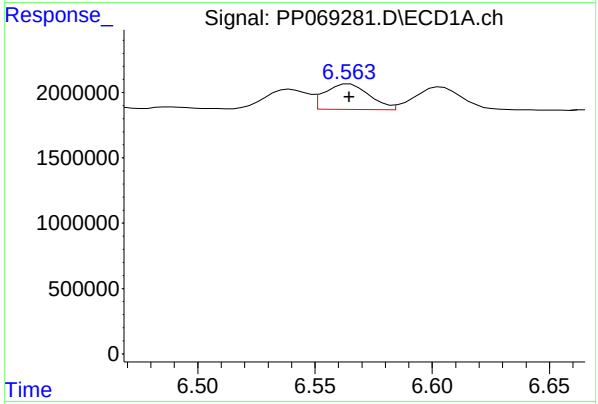
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 2391359
Conc: 50.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



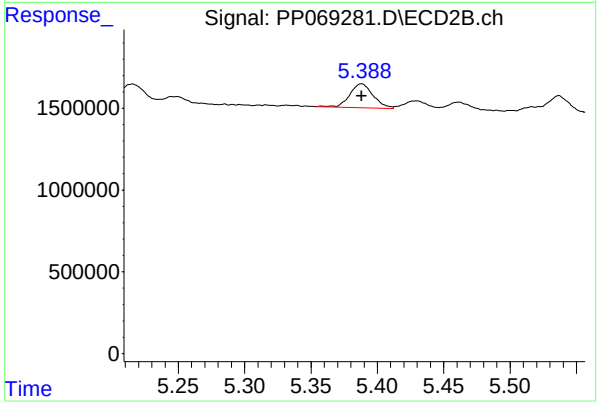
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 1506753
Conc: 48.63 ng/ml



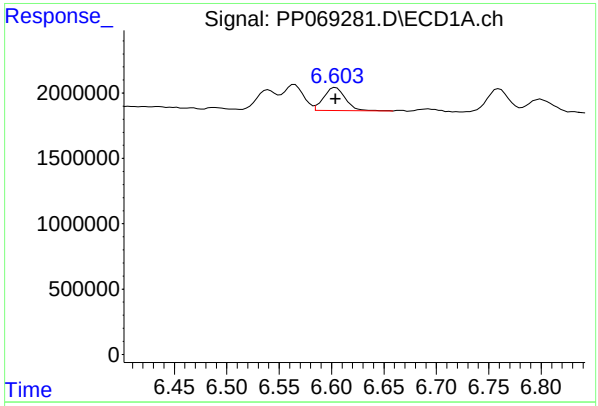
#24 AR-1248-4

R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 2581995
Conc: 46.84 ng/ml



#24 AR-1248-4

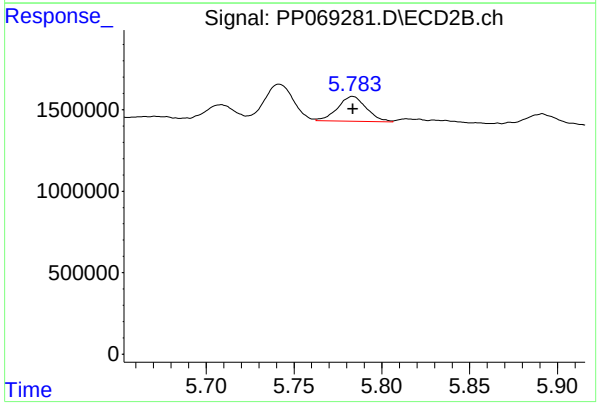
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1806945
Conc: 48.91 ng/ml



#25 AR-1248-5

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 2537395
Conc: 47.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1760053
Conc: 47.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:47
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: Jan 28 15:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 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...	4.536	3.840	142.2E6	95200335	97.758	100.728
2)	SA Decachlor...	10.277	8.911	104.8E6	103.5E6	96.026	96.564
	Target Compounds						
26)	L6 AR-1254-1	6.541	5.741	52694329	53877397	969.975	1004.411
27)	L6 AR-1254-2	6.757	5.890	75242428	46864995	965.868	1003.283
28)	L6 AR-1254-3	7.120	6.295	78719981	74986178	962.506	997.668
29)	L6 AR-1254-4	7.403	6.524	63293404	49801197	945.679	999.626
30)	L6 AR-1254-5	7.820	6.943	65136323	65231257	971.069	983.750

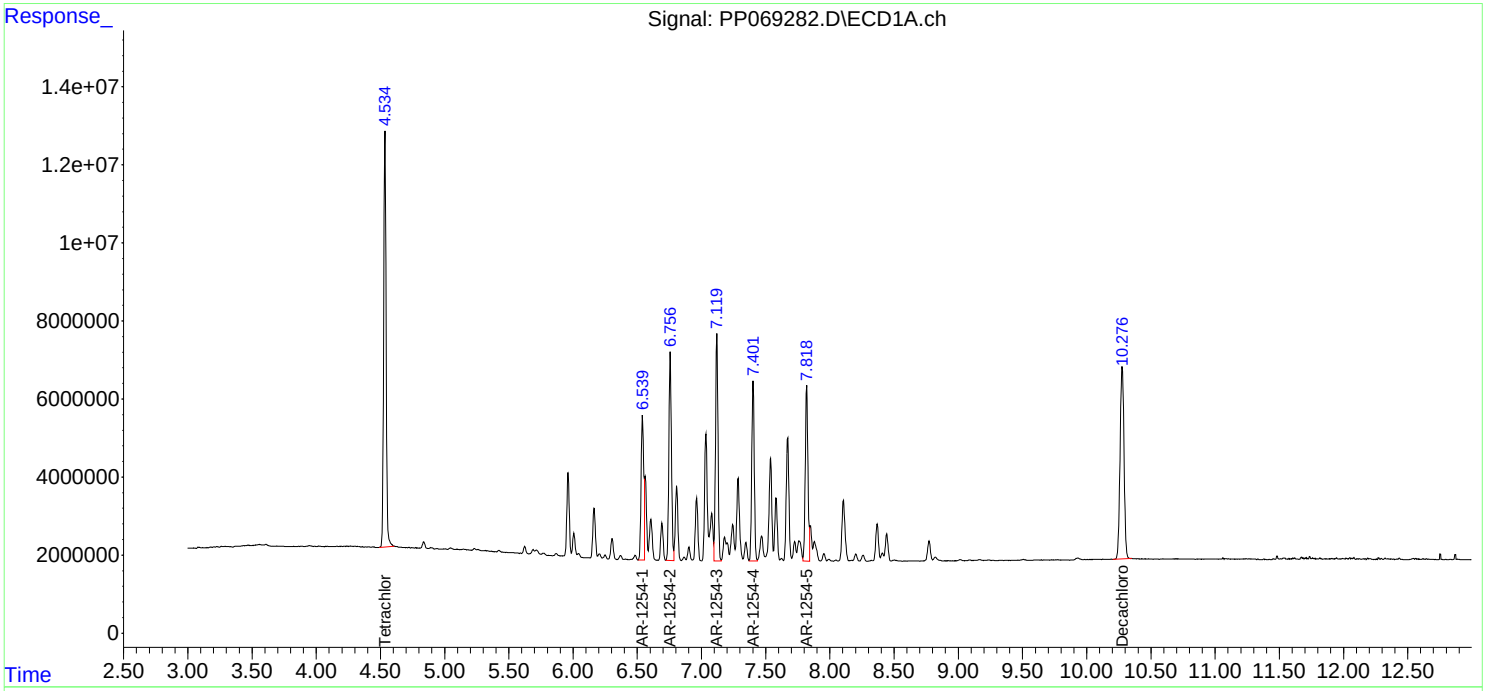
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

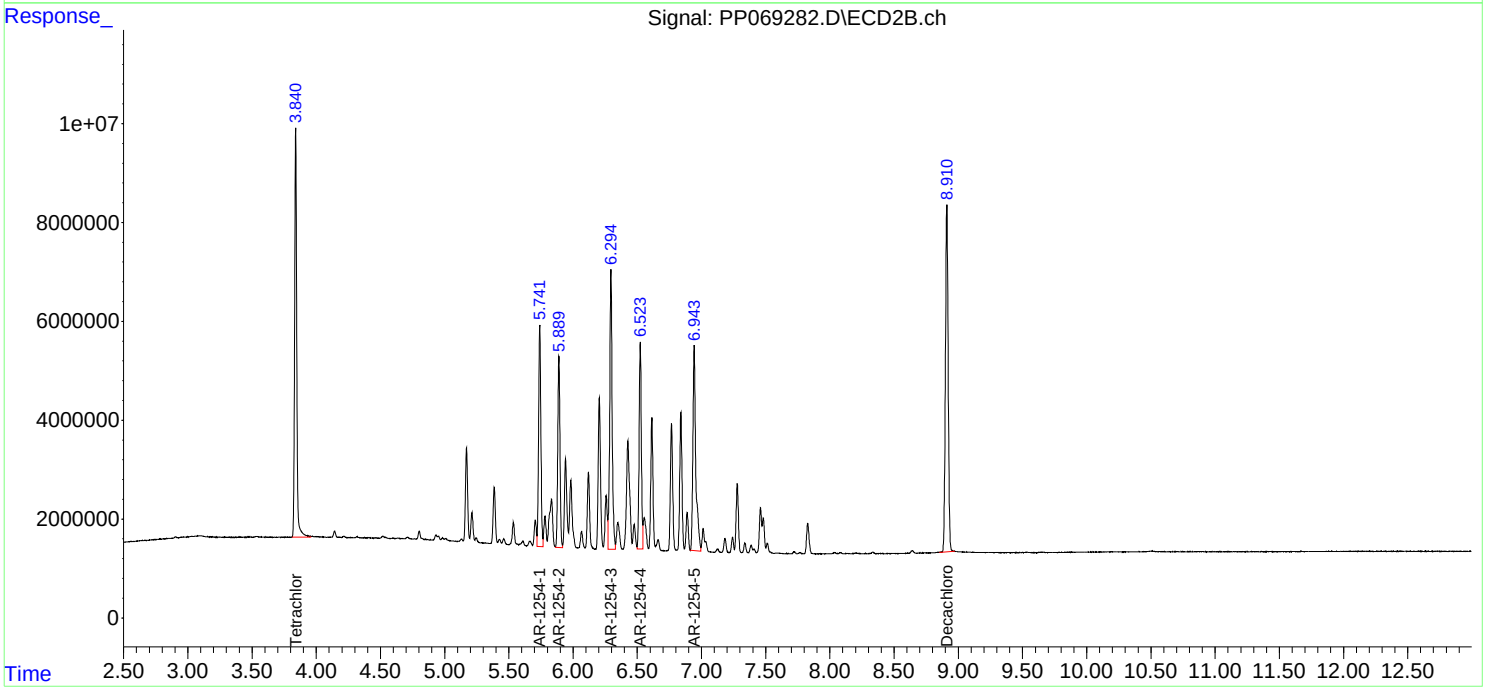
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

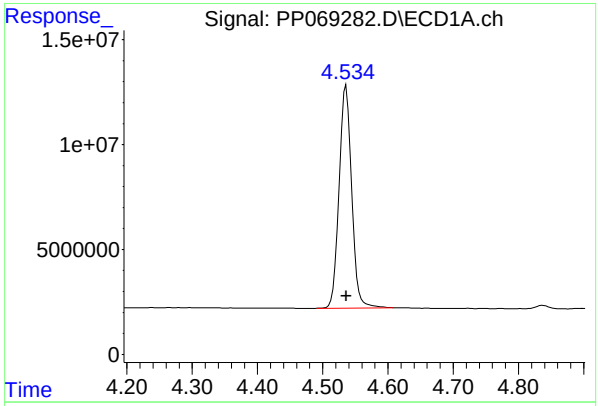
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 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



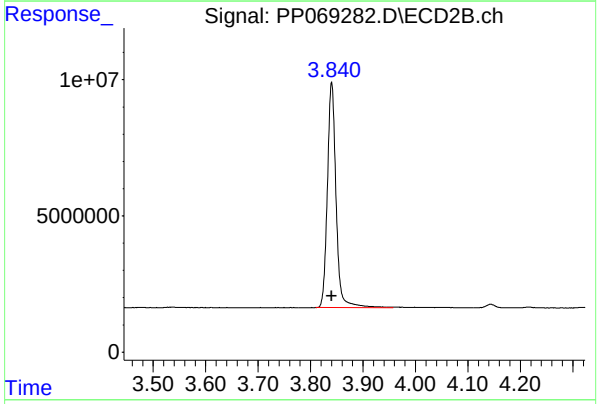




#1 Tetrachloro-m-xylene

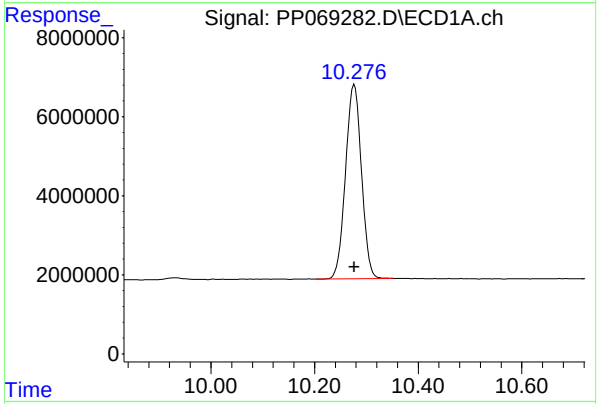
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 142181041
Conc: 97.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



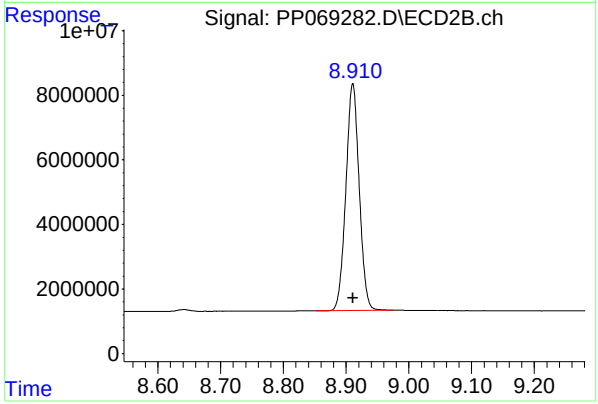
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 95200335
Conc: 100.73 ng/ml



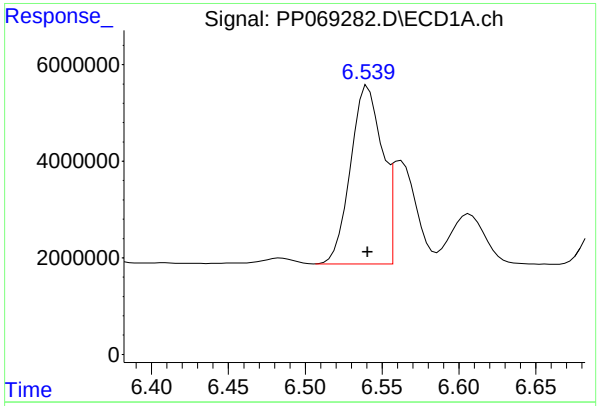
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 104831277
Conc: 96.03 ng/ml



#2 Decachlorobiphenyl

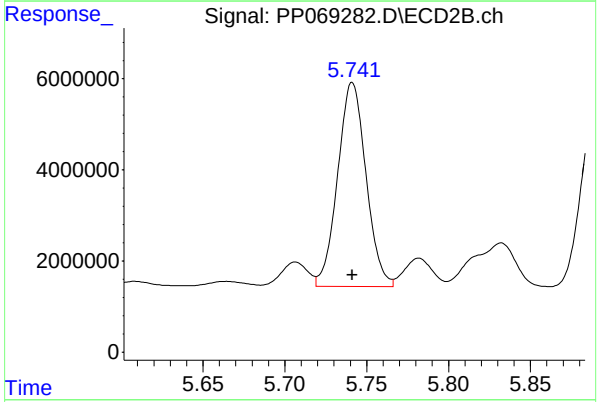
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 103519921
Conc: 96.56 ng/ml



#26 AR-1254-1

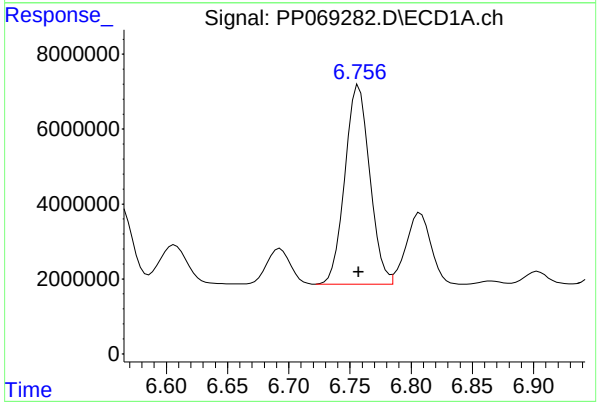
R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 52694329
Conc: 969.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



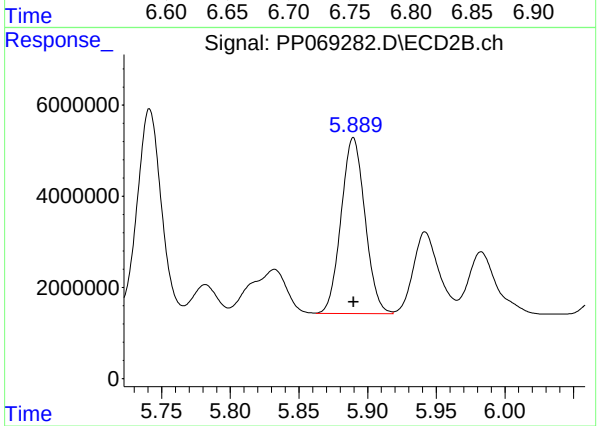
#26 AR-1254-1

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 53877397
Conc: 1004.41 ng/ml



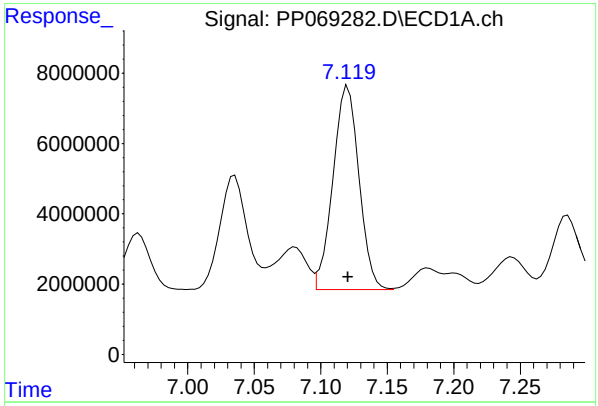
#27 AR-1254-2

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 75242428
Conc: 965.87 ng/ml



#27 AR-1254-2

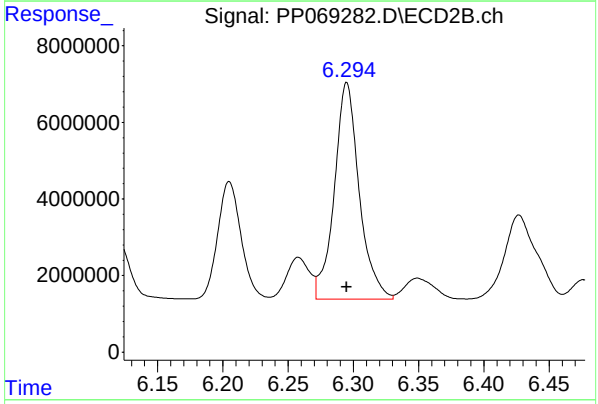
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 46864995
Conc: 1003.28 ng/ml



#28 AR-1254-3

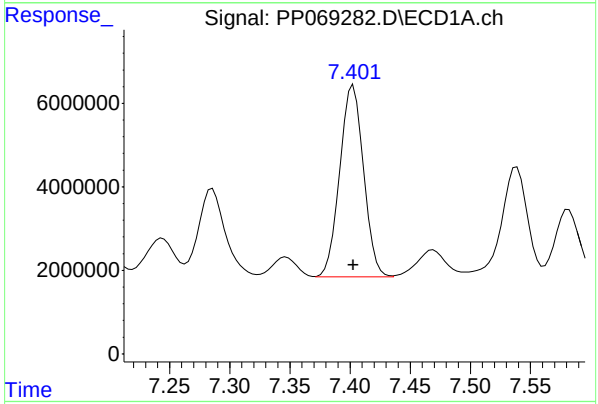
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 78719981
Conc: 962.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



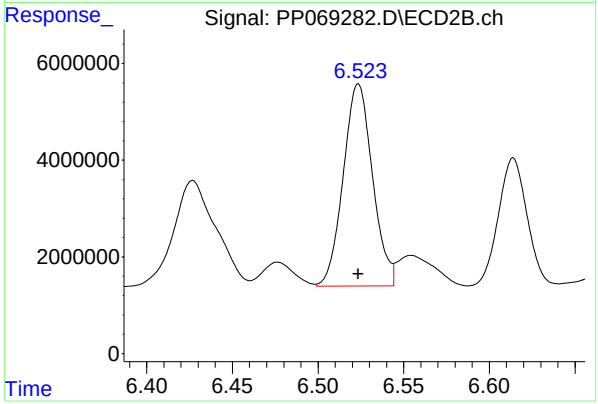
#28 AR-1254-3

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 74986178
Conc: 997.67 ng/ml



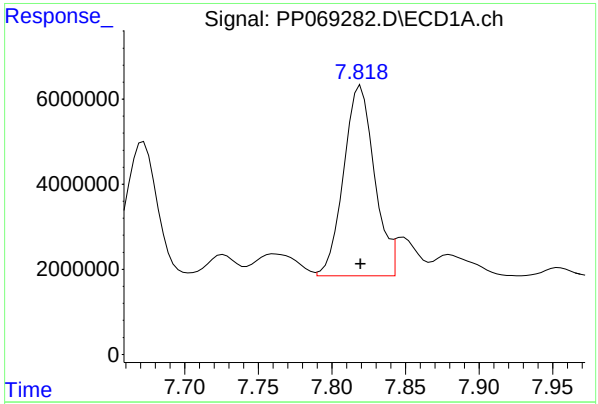
#29 AR-1254-4

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 63293404
Conc: 945.68 ng/ml



#29 AR-1254-4

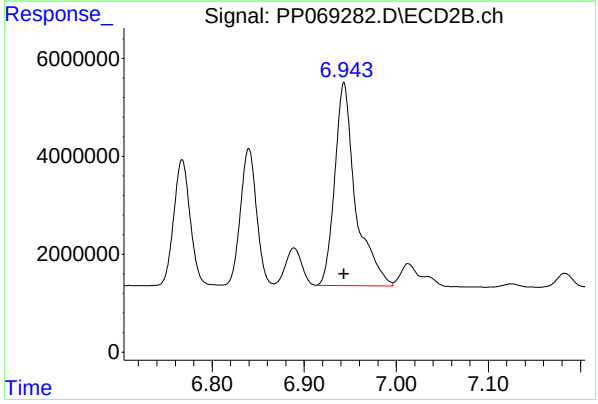
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 49801197
Conc: 999.63 ng/ml



#30 AR-1254-5

R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 65136323
Conc: 971.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 65231257
Conc: 983.75 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:04
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: Jan 28 15:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 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...	4.539	3.841	111.7E6	72162165	76.169	75.896
2)	SA Decachlor...	10.279	8.912	82401911	85497248	75.320	78.103
	Target Compounds						
26)	L6 AR-1254-1	6.544	5.743	42092792	41065443	766.370	760.304
27)	L6 AR-1254-2	6.761	5.891	60091044	35579285	764.115	757.746
28)	L6 AR-1254-3	7.123	6.297	62798989	55893880	761.800	745.755
29)	L6 AR-1254-4	7.406	6.525	50760334	37484466	755.593	751.598
30)	L6 AR-1254-5	7.823	6.945	50923574	50002042	756.096	752.714

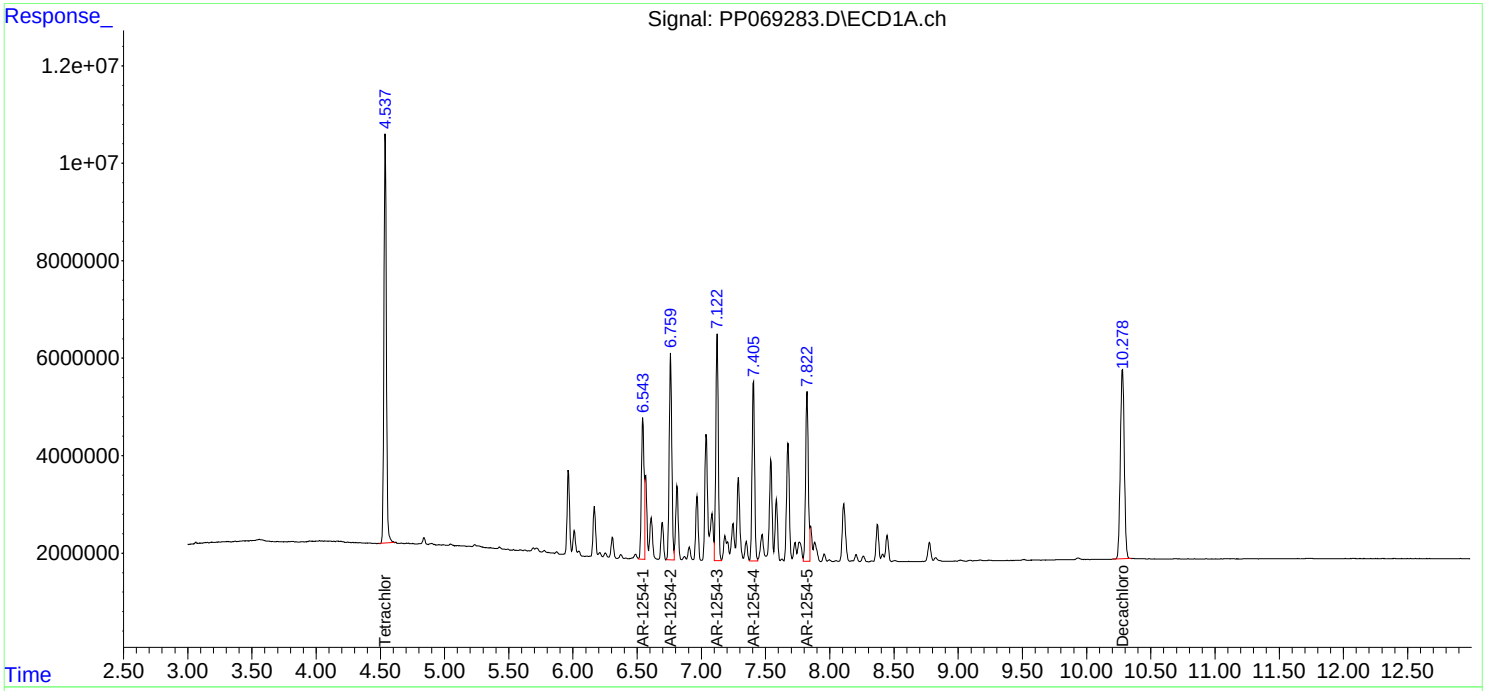
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

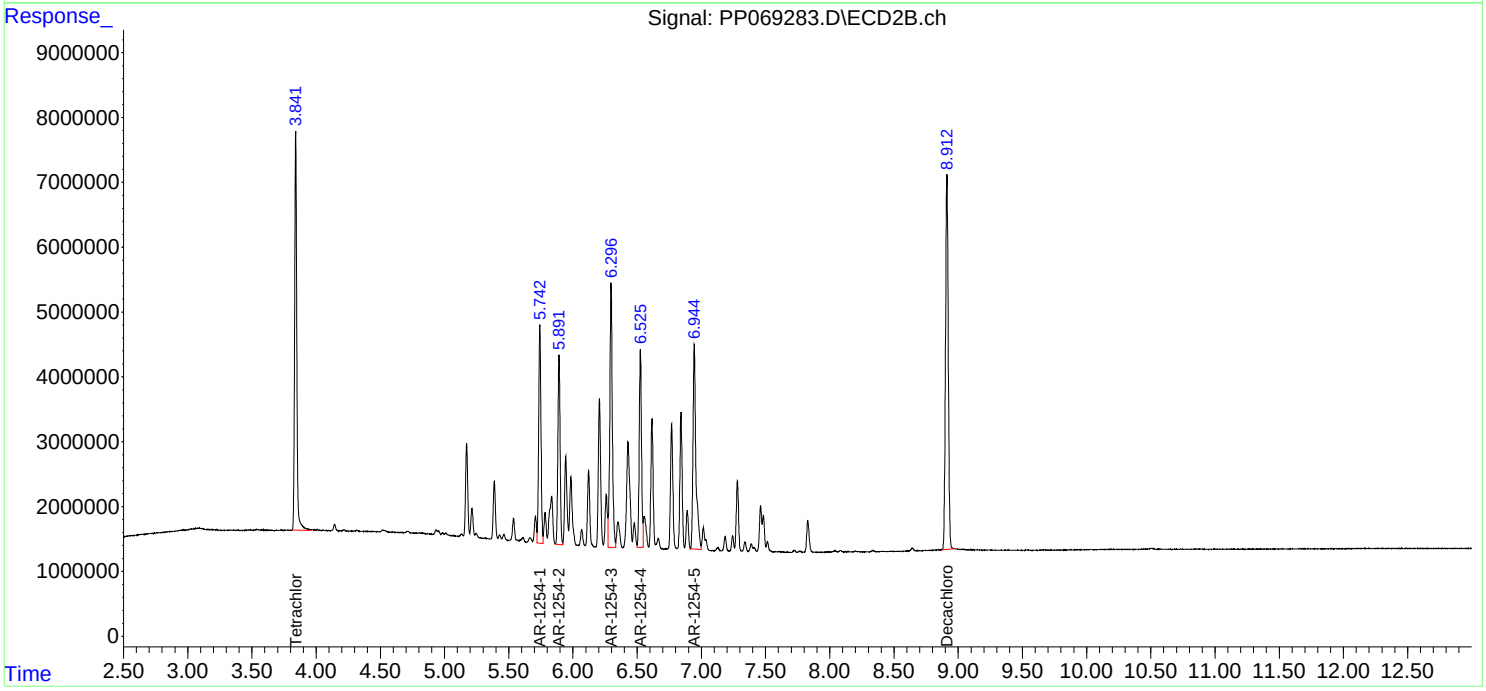
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

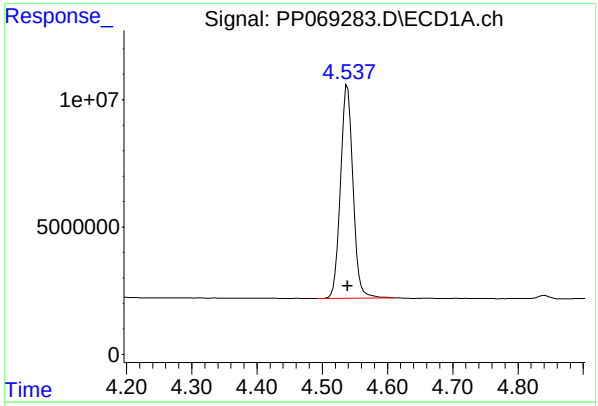
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:41:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 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



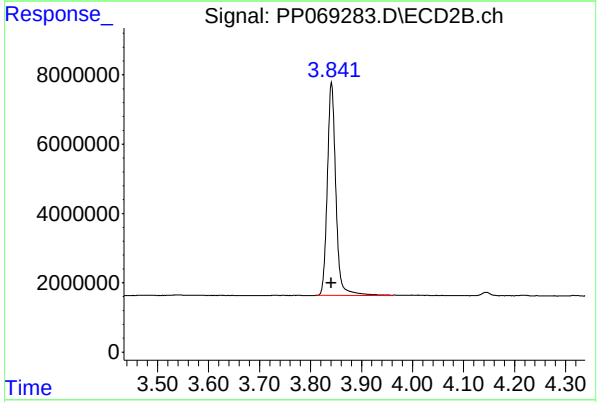




#1 Tetrachloro-m-xylene

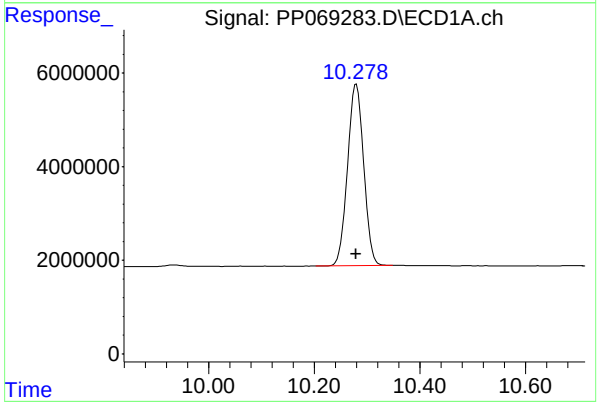
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 111652386
Conc: 76.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



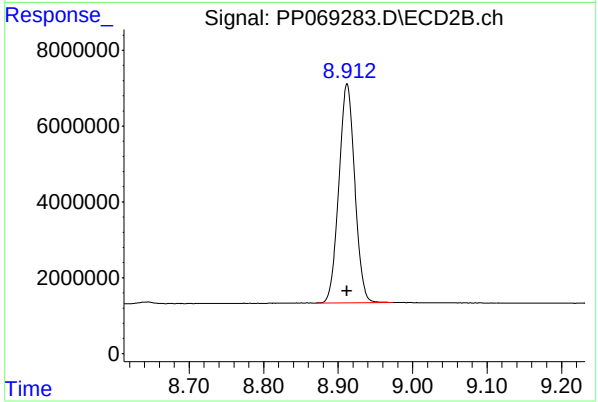
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 72162165
Conc: 75.90 ng/ml



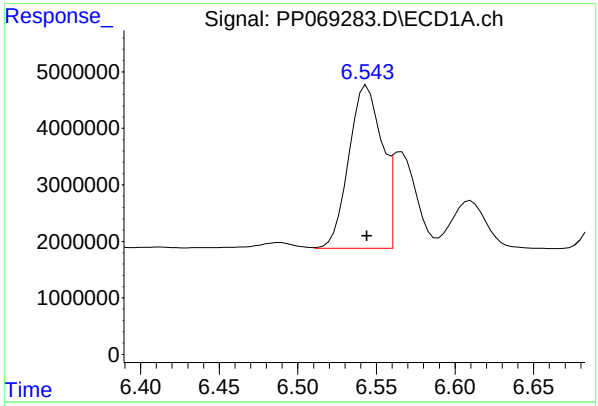
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 82401911
Conc: 75.32 ng/ml



#2 Decachlorobiphenyl

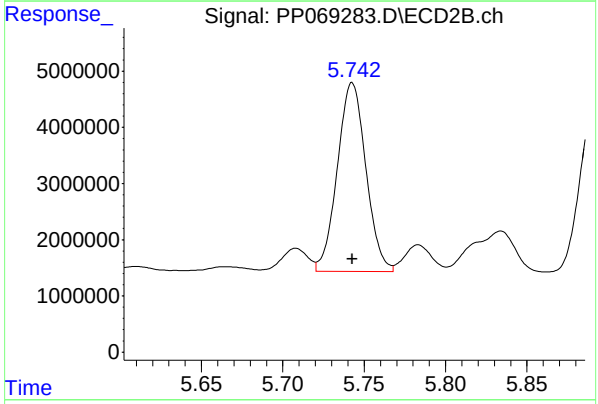
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 85497248
Conc: 78.10 ng/ml



#26 AR-1254-1

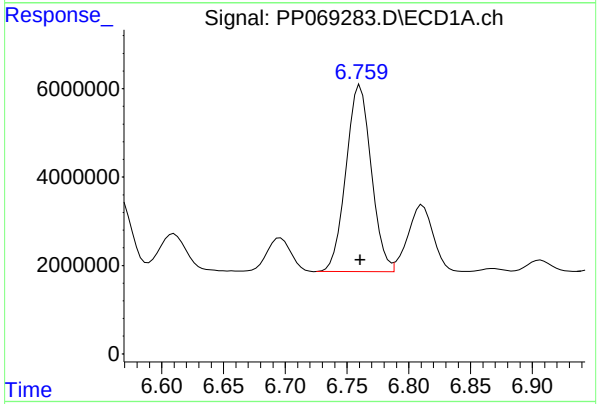
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 42092792
Conc: 766.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



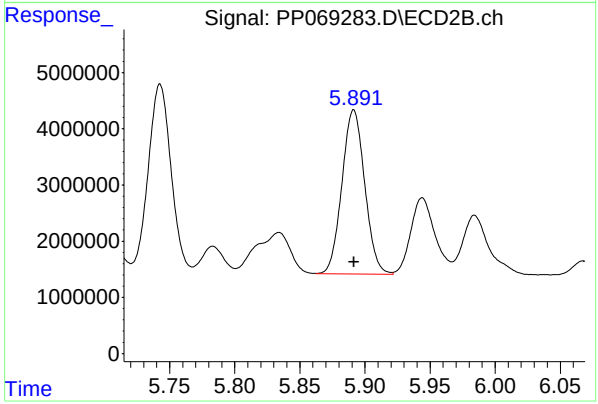
#26 AR-1254-1

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 41065443
Conc: 760.30 ng/ml



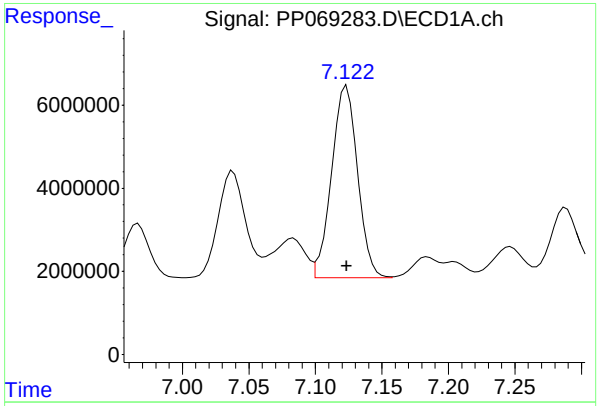
#27 AR-1254-2

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 60091044
Conc: 764.12 ng/ml



#27 AR-1254-2

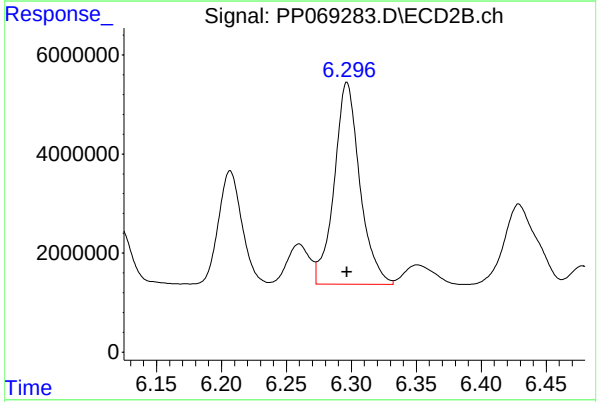
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 35579285
Conc: 757.75 ng/ml



#28 AR-1254-3

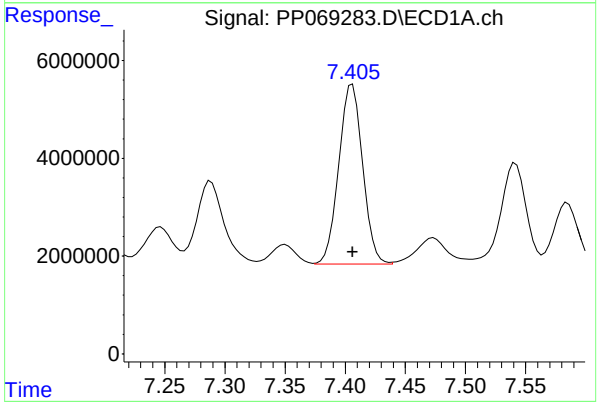
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 62798989
Conc: 761.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



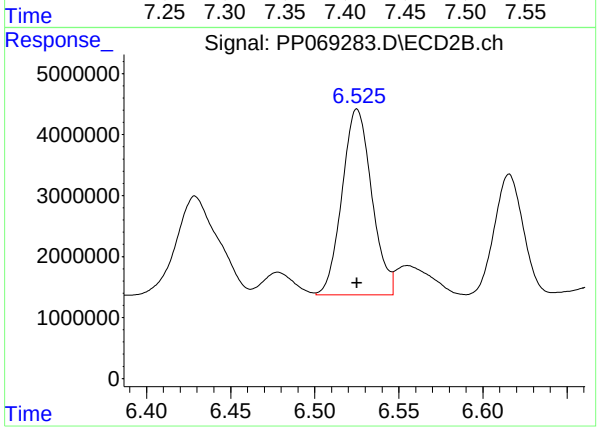
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 55893880
Conc: 745.76 ng/ml



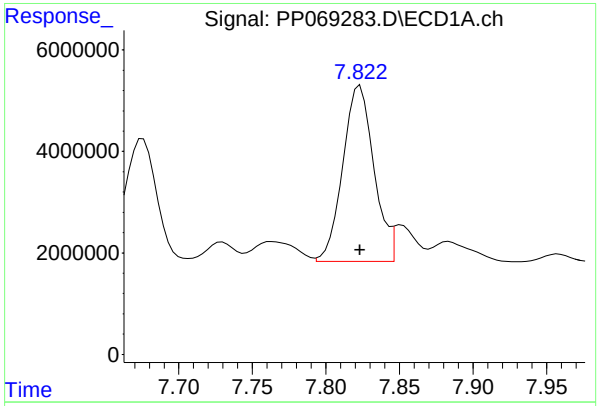
#29 AR-1254-4

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 50760334
Conc: 755.59 ng/ml



#29 AR-1254-4

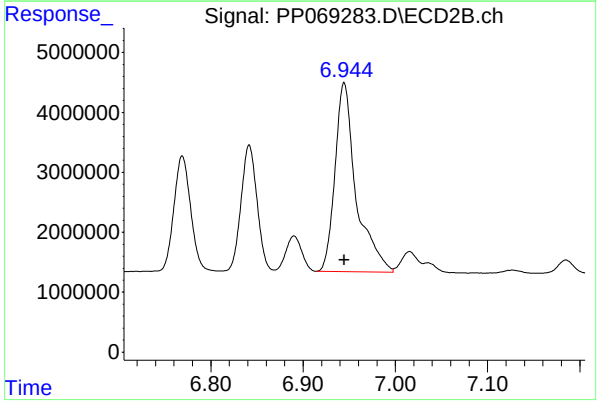
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 37484466
Conc: 751.60 ng/ml



#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 50923574
Conc: 756.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 50002042
Conc: 752.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:20
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: Jan 28 15:36:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 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...	4.534	3.840	74350956	46911824	50.000	50.000
2)	SA Decachlor...	10.275	8.909	56754140	55443280	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.539	5.742	27978290	26702115	500.000	500.000
27)	L6 AR-1254-2	6.756	5.890	40280132	23279150	500.000	500.000
28)	L6 AR-1254-3	7.119	6.295	42426502	37668351	500.000	500.000
29)	L6 AR-1254-4	7.401	6.523	35282320	24919247	500.000	500.000
30)	L6 AR-1254-5	7.819	6.944	34508764	33693162	500.000	500.000

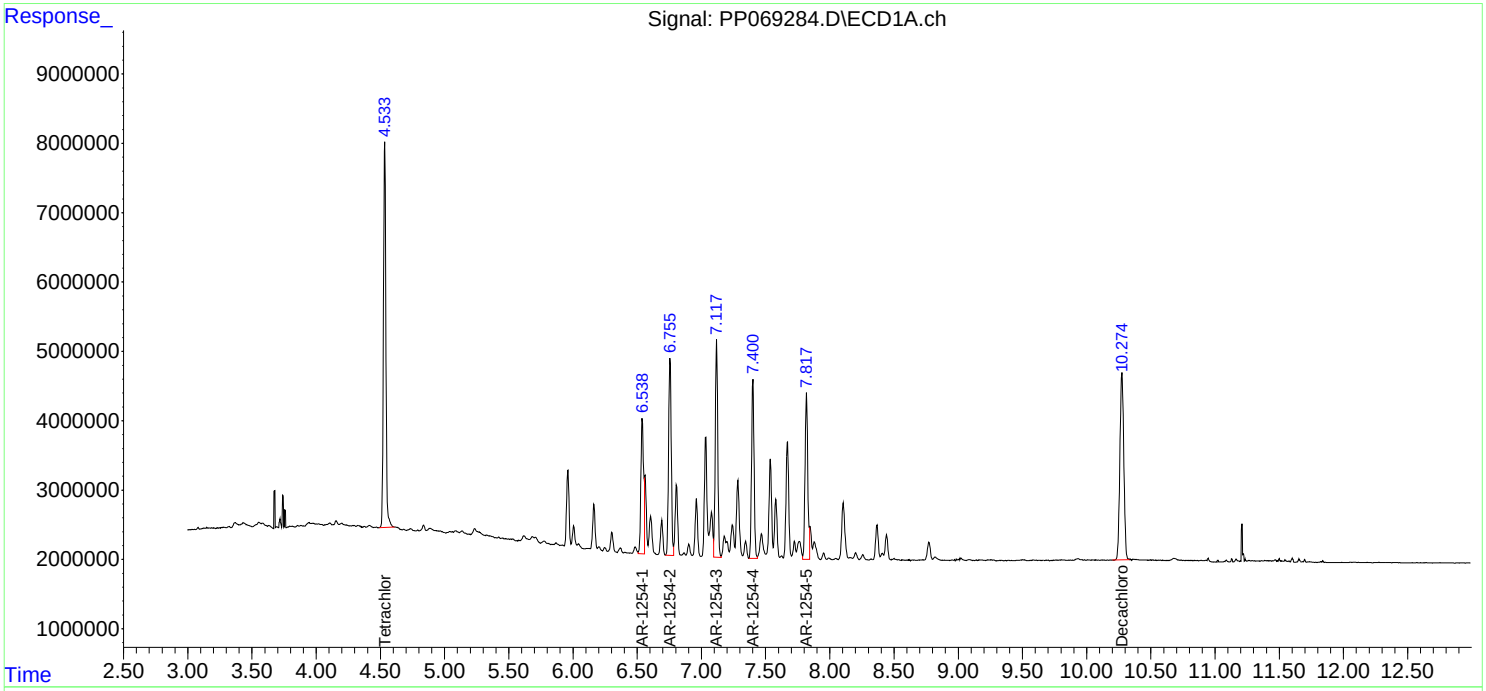
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

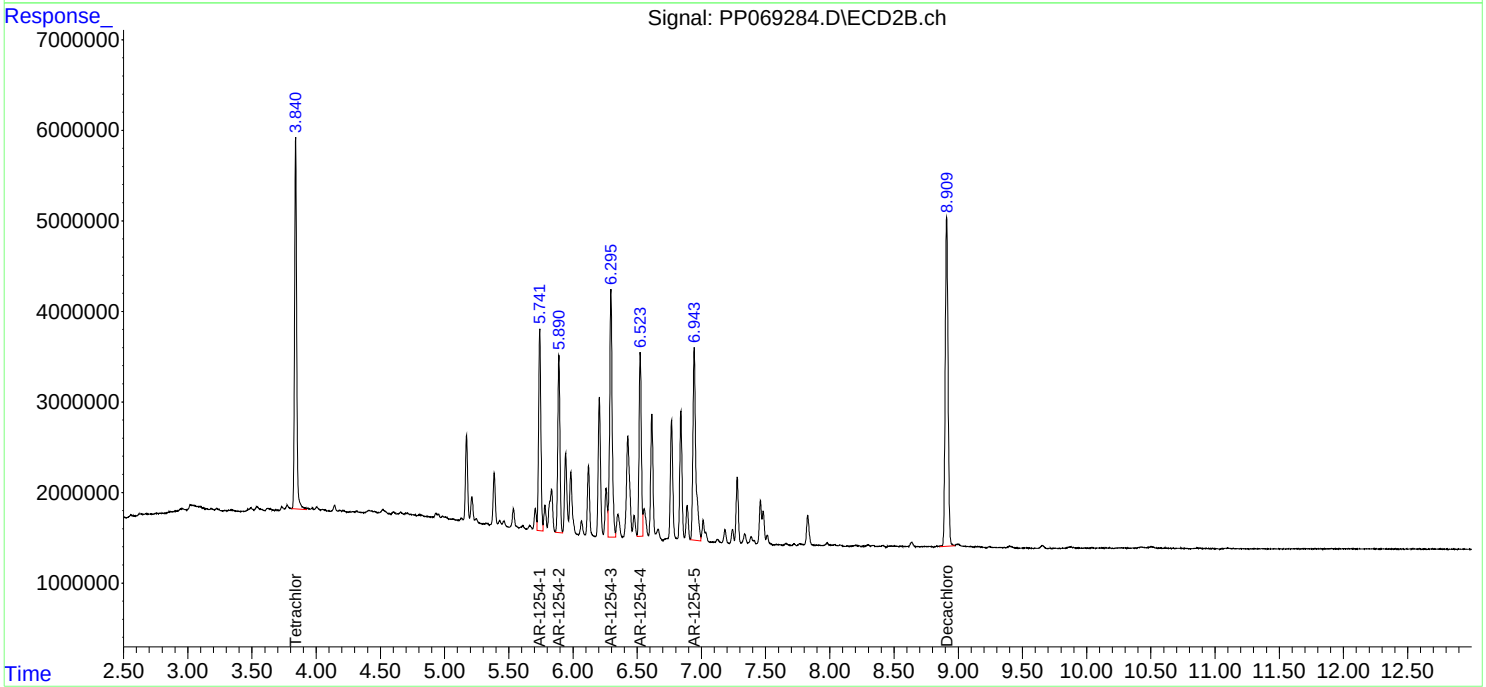
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

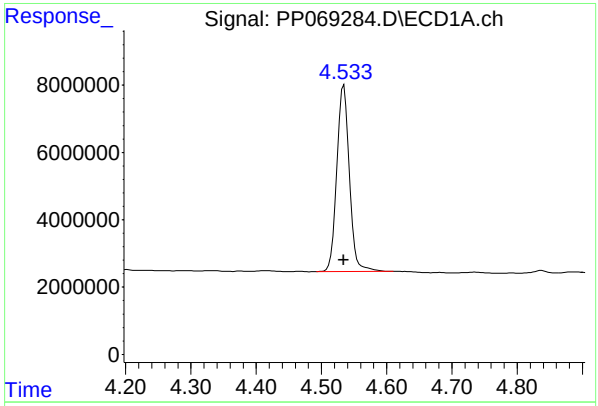
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:36:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:34:40 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



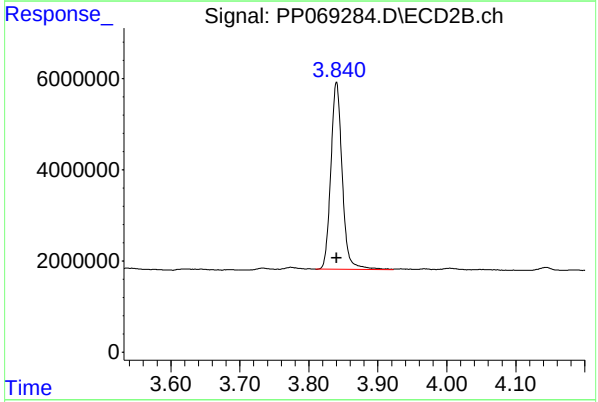




#1 Tetrachloro-m-xylene

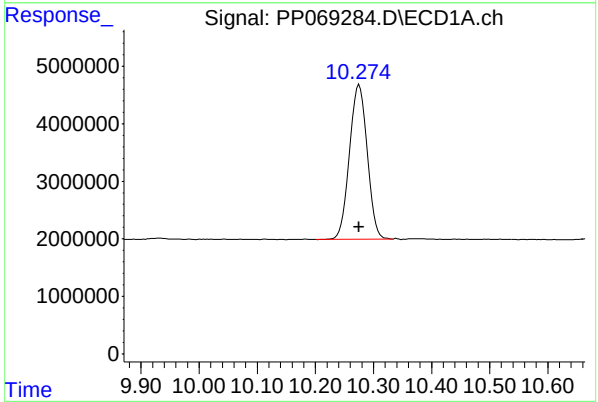
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 74350956
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



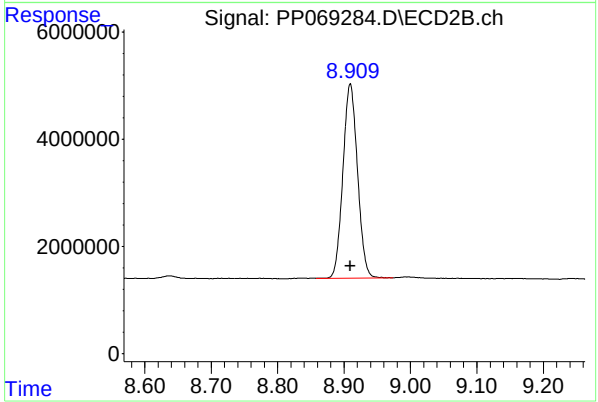
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46911824
Conc: 50.00 ng/ml



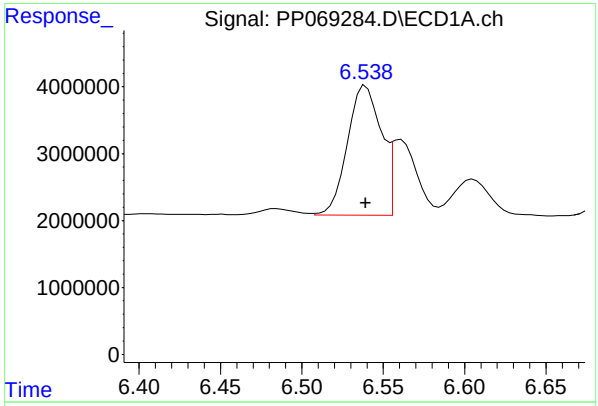
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.000 min
Response: 56754140
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

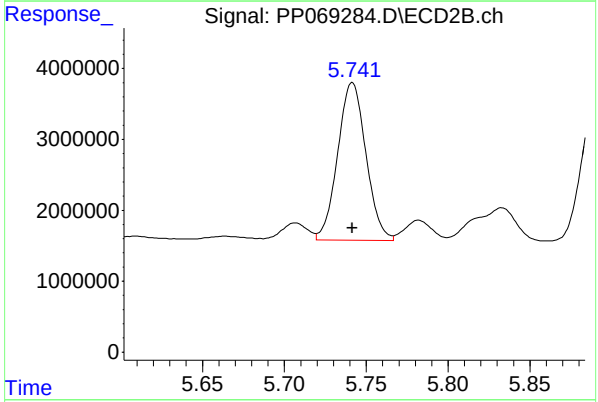
R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 55443280
Conc: 50.00 ng/ml



#26 AR-1254-1

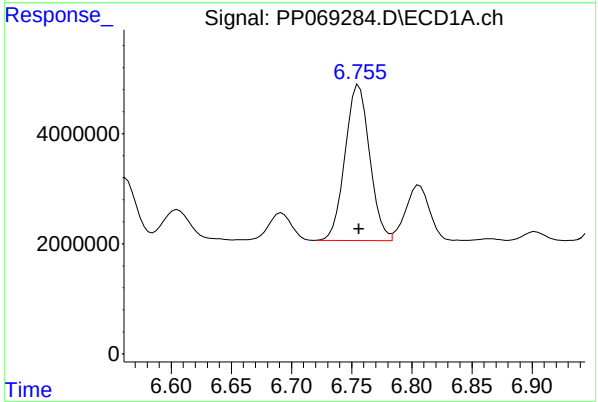
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 27978290
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



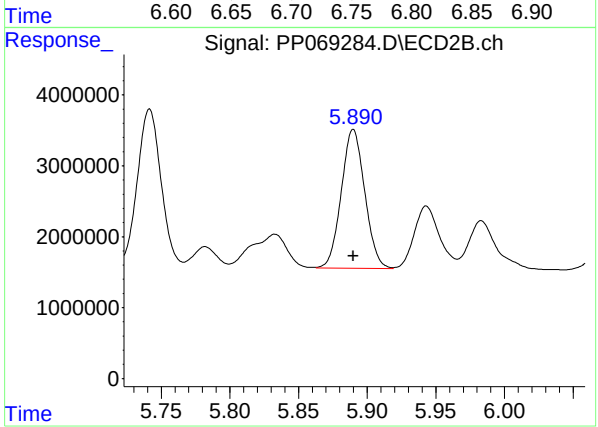
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 26702115
Conc: 500.00 ng/ml



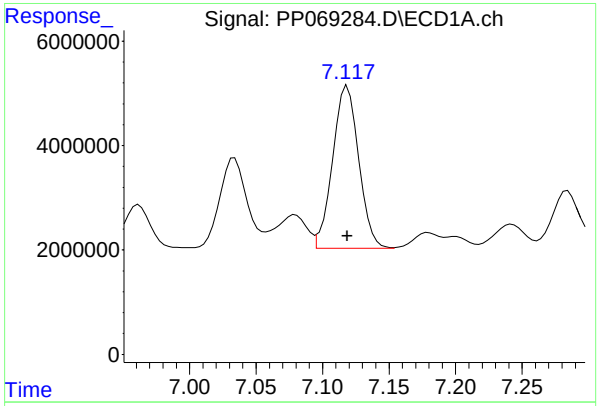
#27 AR-1254-2

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 40280132
Conc: 500.00 ng/ml



#27 AR-1254-2

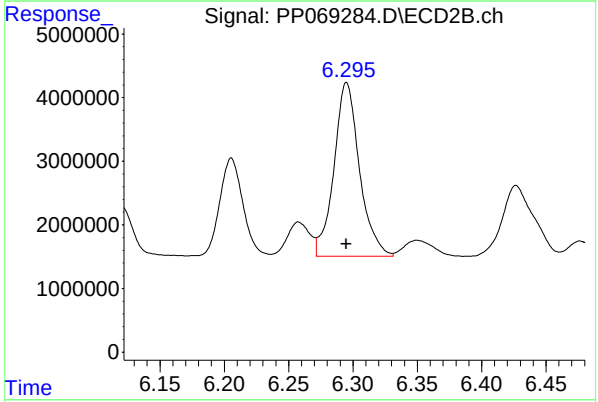
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 23279150
Conc: 500.00 ng/ml



#28 AR-1254-3

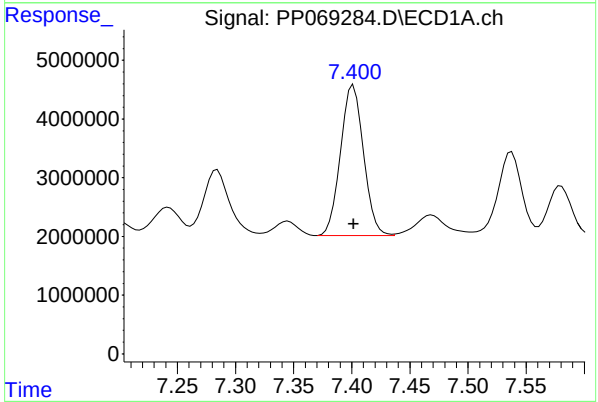
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 42426502
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



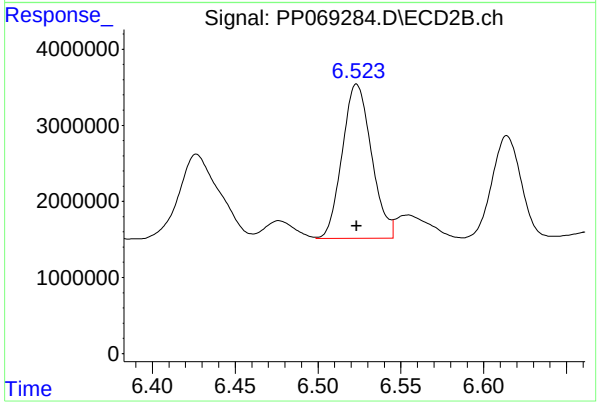
#28 AR-1254-3

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 37668351
Conc: 500.00 ng/ml



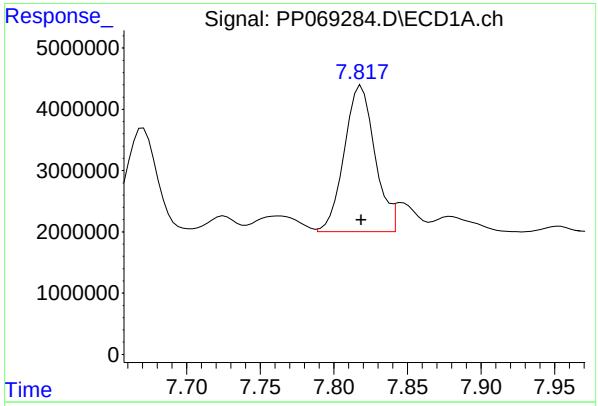
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: 0.000 min
Response: 35282320
Conc: 500.00 ng/ml



#29 AR-1254-4

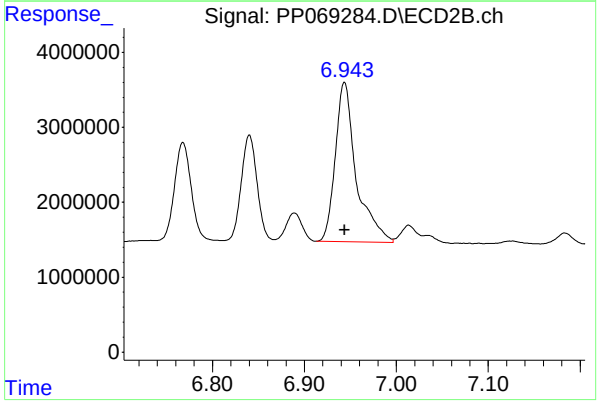
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 24919247
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 34508764
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 33693162
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:36
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: Jan 28 15:48:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:47:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	38308296	24933870	25.841	25.907
2)	SA Decachlor...	10.277	8.912	29728444	31922182	26.595	27.996
	Target Compounds						
26)	L6 AR-1254-1	6.542	5.742	15348917	15166762	271.458	272.413
27)	L6 AR-1254-2	6.758	5.891	21814148	13205390	269.993	272.720
28)	L6 AR-1254-3	7.121	6.297	22435517	20943244	266.260	271.443
29)	L6 AR-1254-4	7.404	6.525	18279799	14284124	266.219	276.348
30)	L6 AR-1254-5	7.820	6.944	18690696	18712616	270.082	273.040

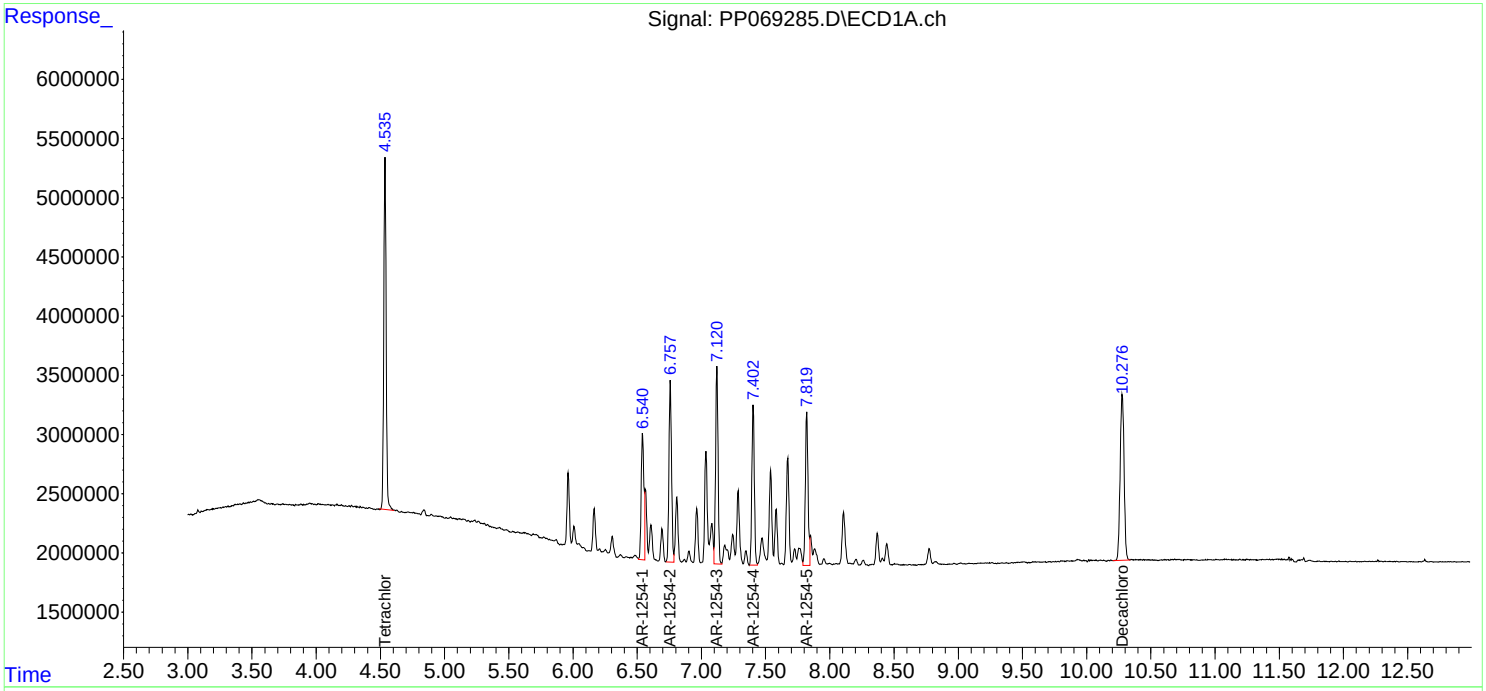
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

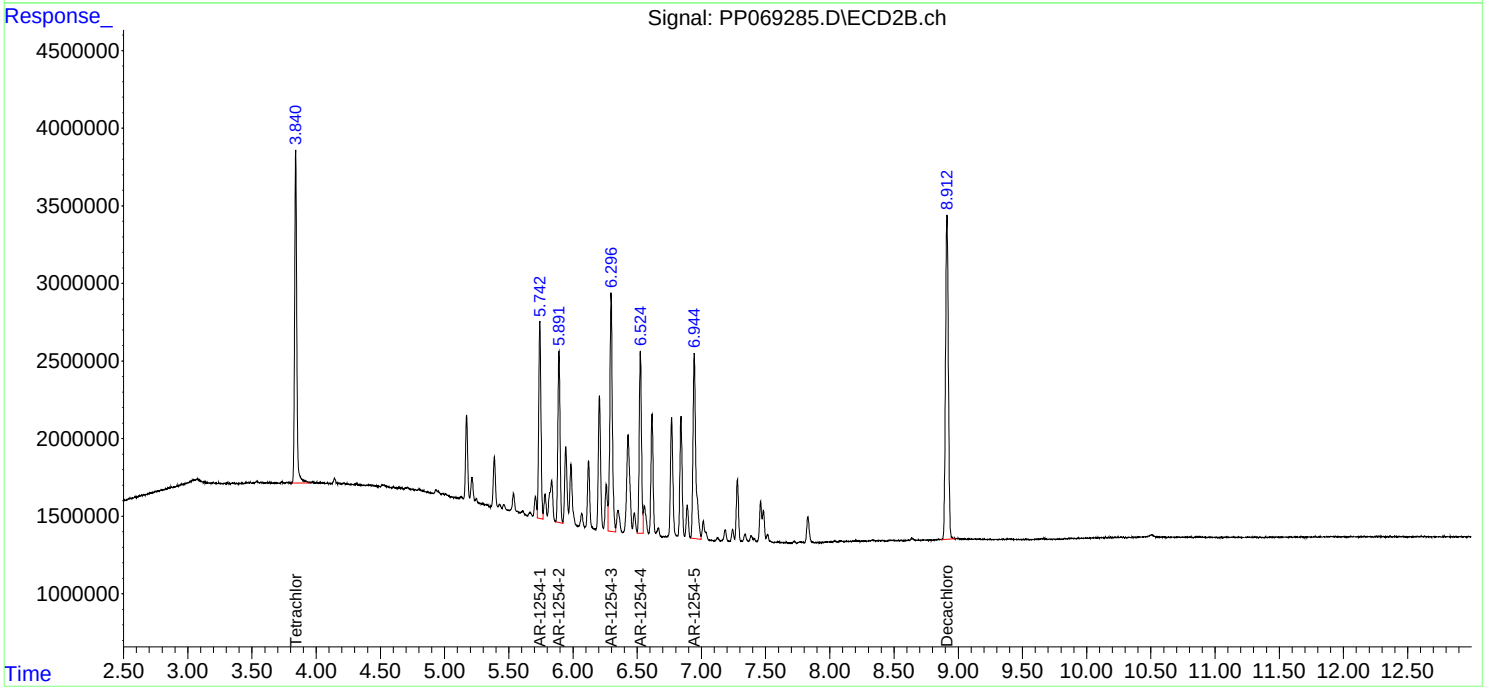
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:36
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

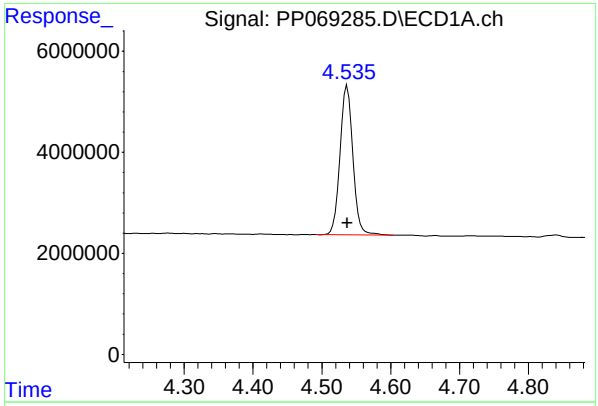
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 15:48:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 15:47:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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



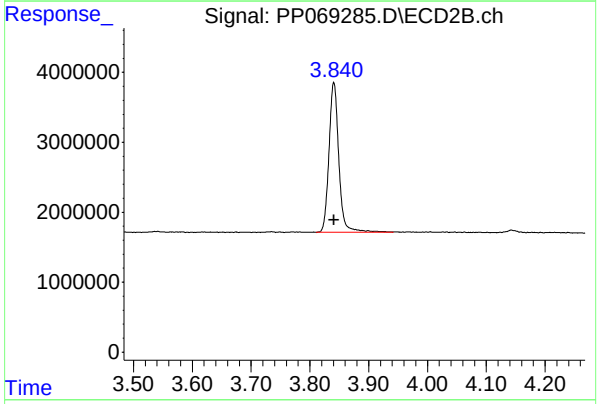




#1 Tetrachloro-m-xylene

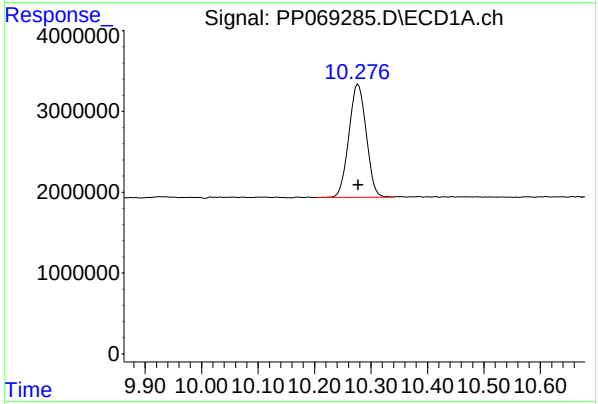
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 38308296
Conc: 25.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



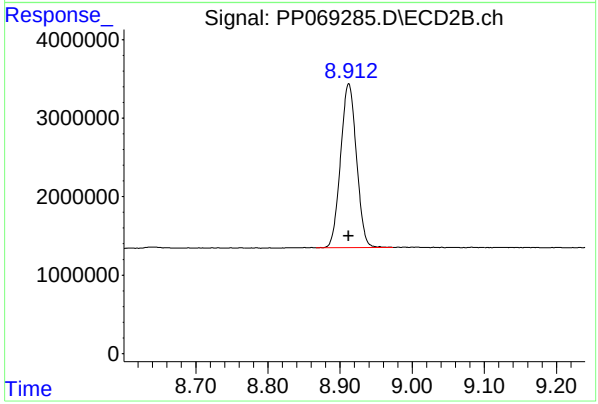
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 24933870
Conc: 25.91 ng/ml



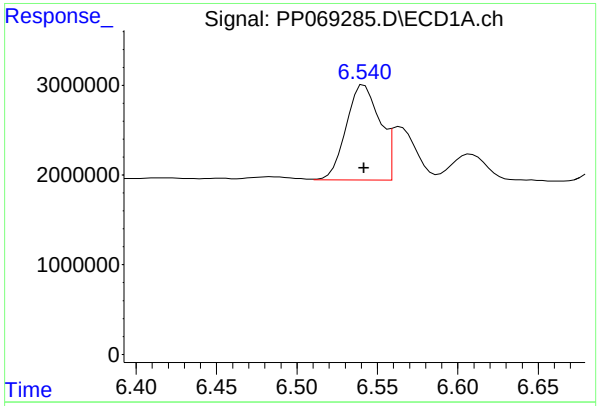
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29728444
Conc: 26.60 ng/ml



#2 Decachlorobiphenyl

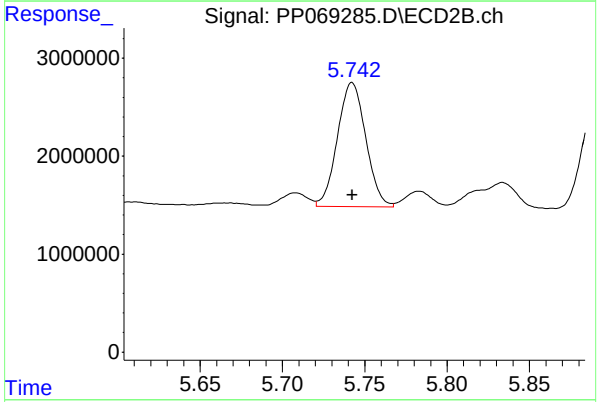
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 31922182
Conc: 28.00 ng/ml



#26 AR-1254-1

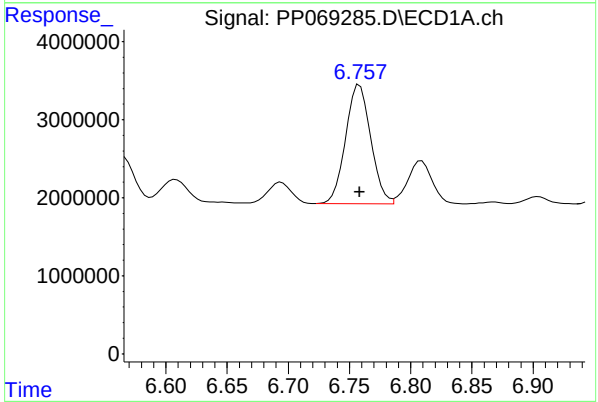
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 15348917
Conc: 271.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



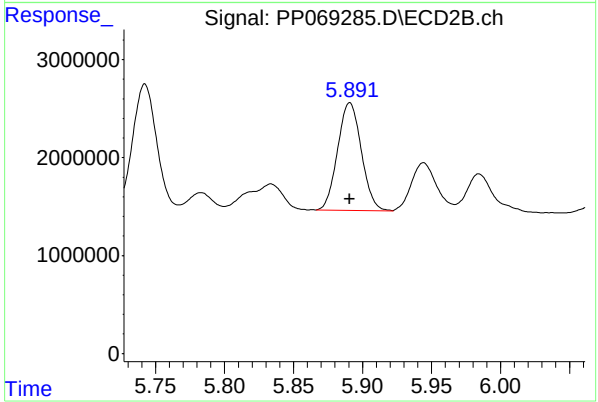
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 15166762
Conc: 272.41 ng/ml



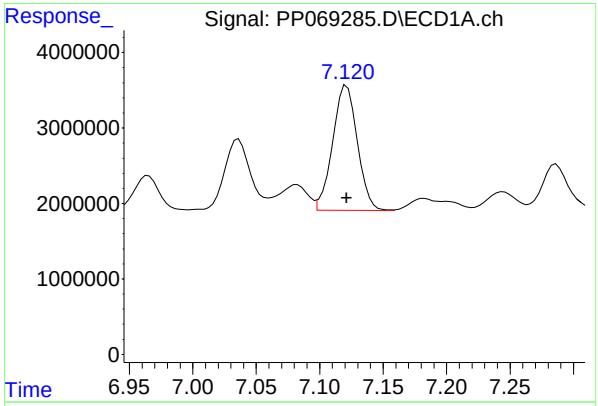
#27 AR-1254-2

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 21814148
Conc: 269.99 ng/ml



#27 AR-1254-2

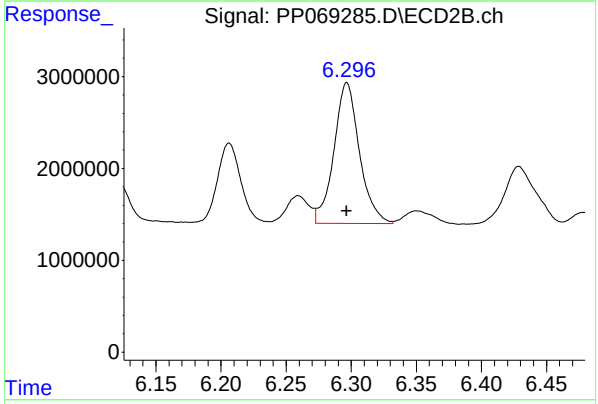
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 13205390
Conc: 272.72 ng/ml



#28 AR-1254-3

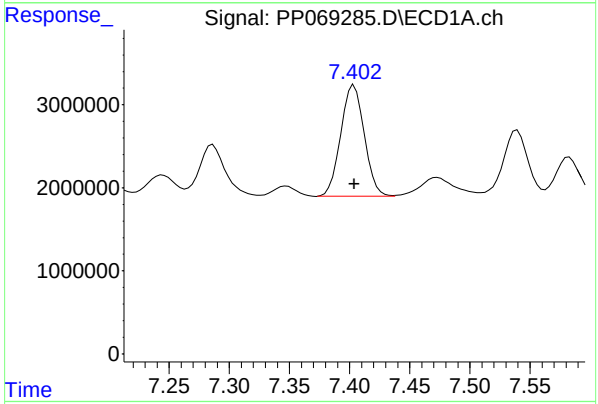
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 22435517
Conc: 266.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



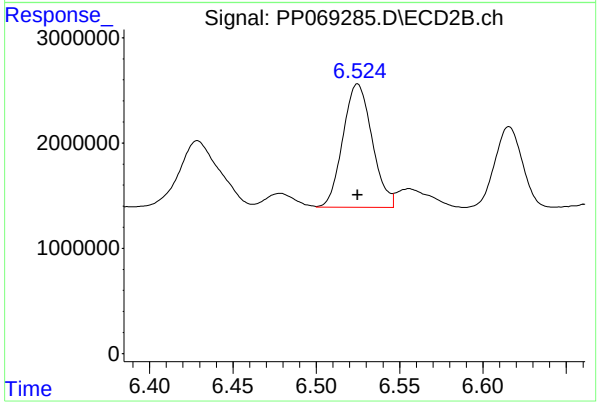
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 20943244
Conc: 271.44 ng/ml



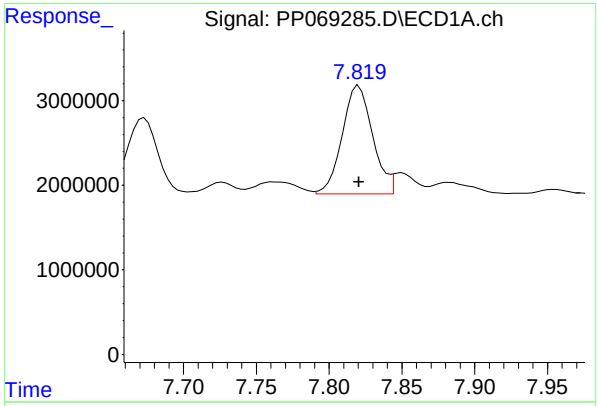
#29 AR-1254-4

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 18279799
Conc: 266.22 ng/ml



#29 AR-1254-4

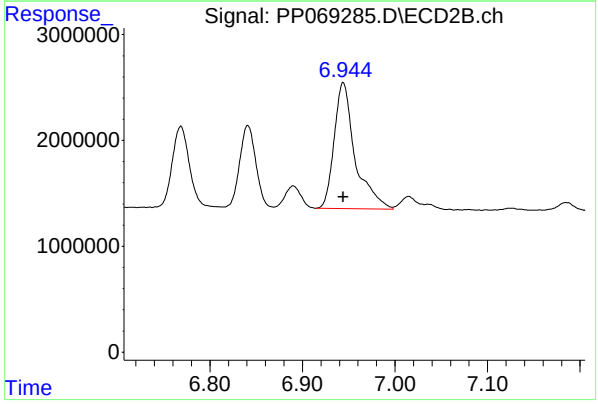
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 14284124
Conc: 276.35 ng/ml



#30 AR-1254-5

R.T.: 7.820 min
Delta R.T.: 0.000 min
Response: 18690696
Conc: 270.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 18712616
Conc: 273.04 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	6135092	4091392	4.293m	4.382
2)	SA Decachlor...	10.277	8.912	4792685	5691534	4.413	4.993
	Target Compounds						
26)	L6 AR-1254-1	6.542	5.742	3157414	2628819	55.481m	47.748
27)	L6 AR-1254-2	6.759	5.891	3901432	2408006	48.621	49.784
28)	L6 AR-1254-3	7.122	6.297	4219753	3542972	50.063	46.682
29)	L6 AR-1254-4	7.405	6.525	3314077	2474657	48.602	48.286
30)	L6 AR-1254-5	7.823	6.944	3170800	2933240	46.598	44.069

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

ICAL Form

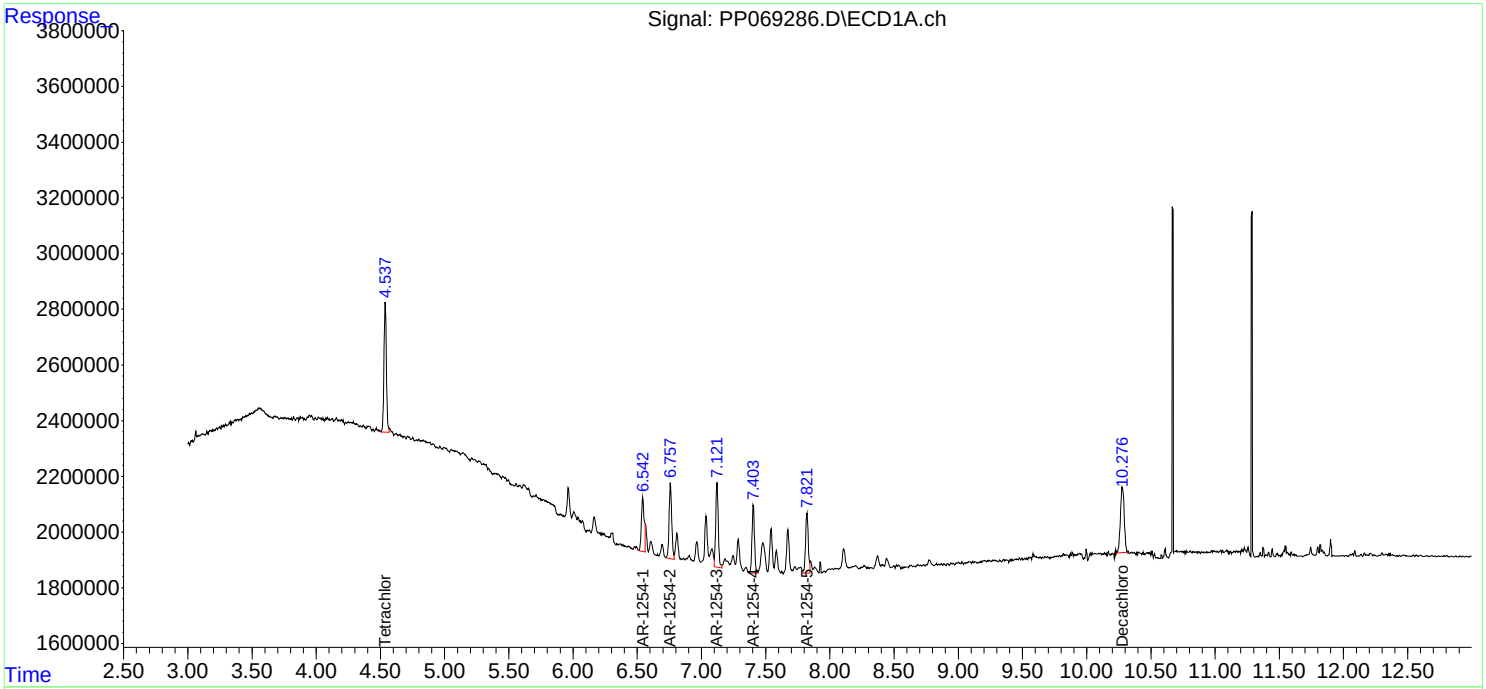
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

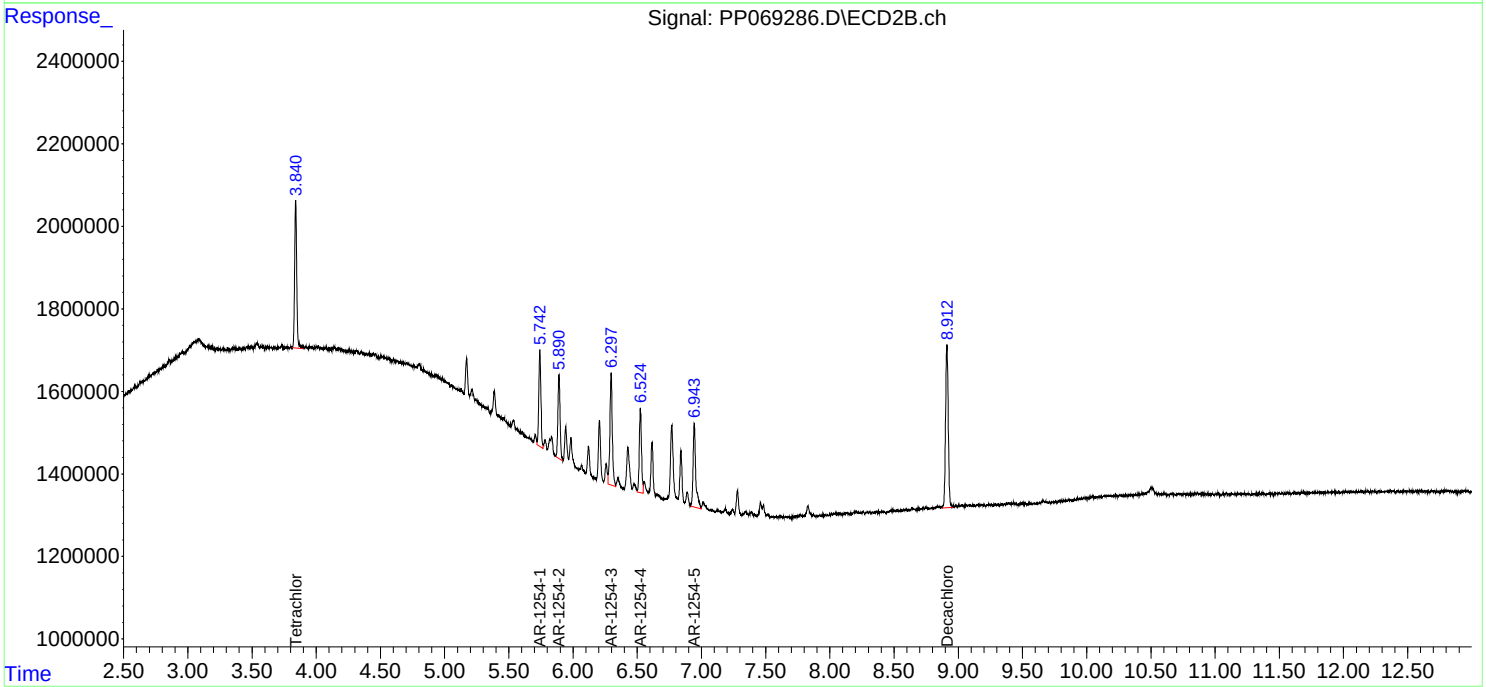
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

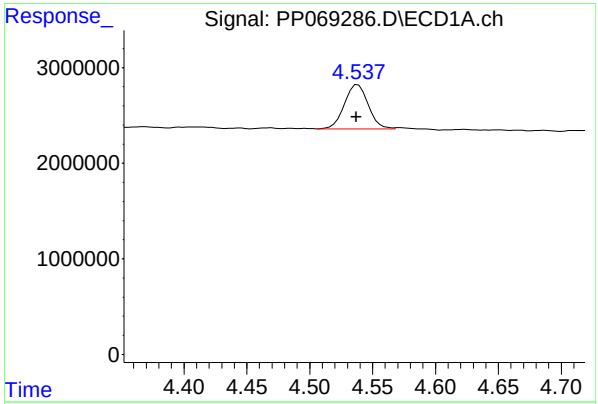
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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







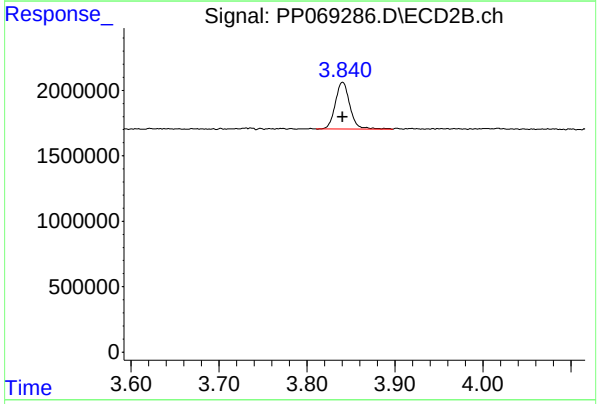
#1 Tetrachloro-m-xylene

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 6135092
Conc: 4.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

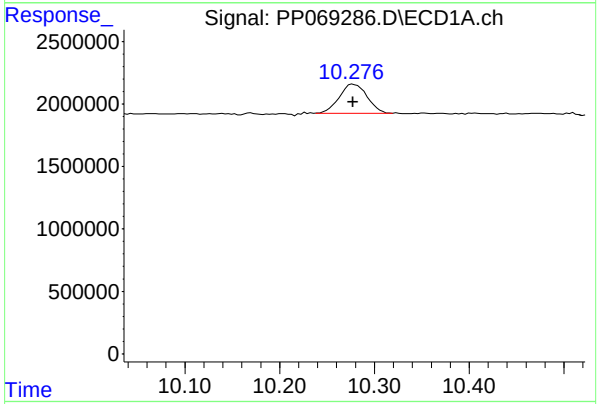
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



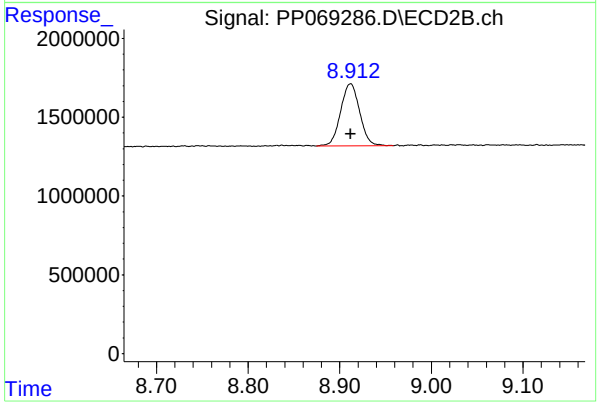
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4091392
Conc: 4.38 ng/ml



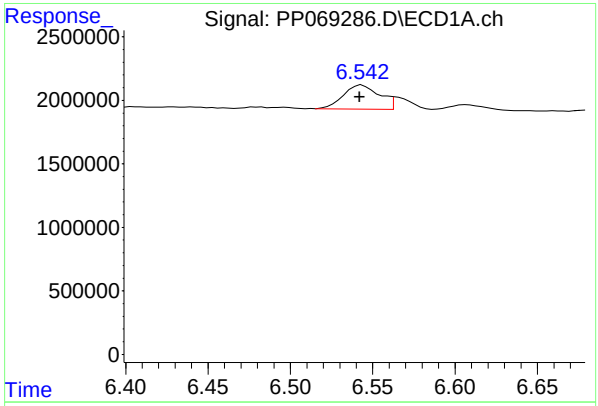
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4792685
Conc: 4.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5691534
Conc: 4.99 ng/ml



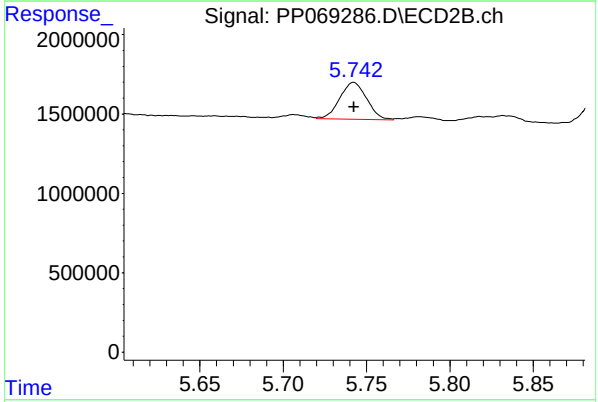
#26 AR-1254-1

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 3157414
Conc: 55.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

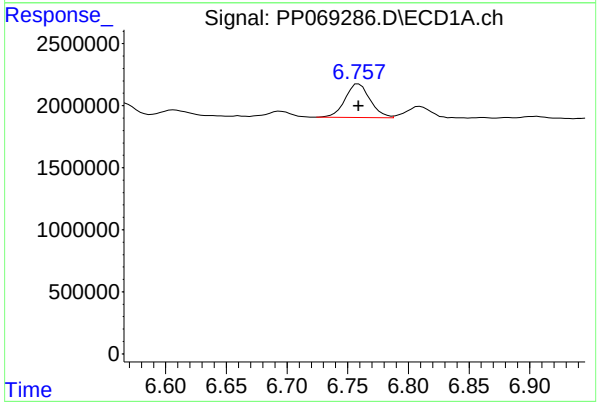
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



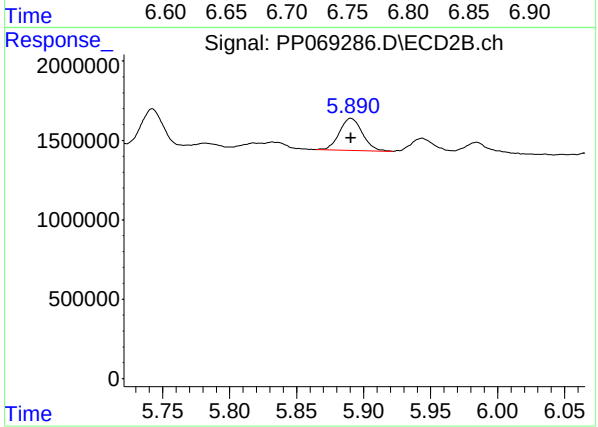
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 2628819
Conc: 47.75 ng/ml



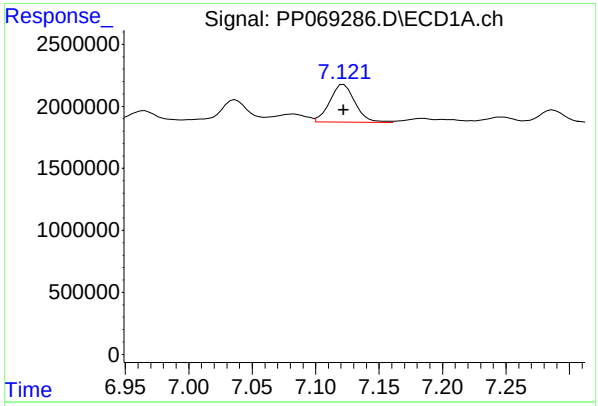
#27 AR-1254-2

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 3901432
Conc: 48.62 ng/ml



#27 AR-1254-2

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2408006
Conc: 49.78 ng/ml



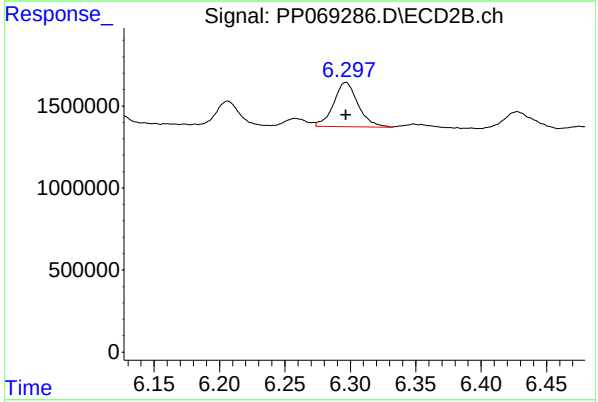
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 4219753
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

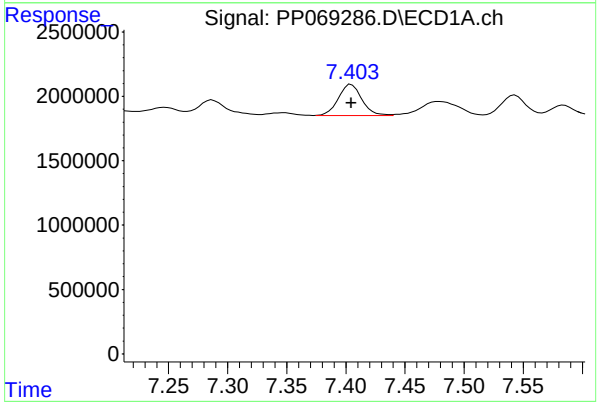
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



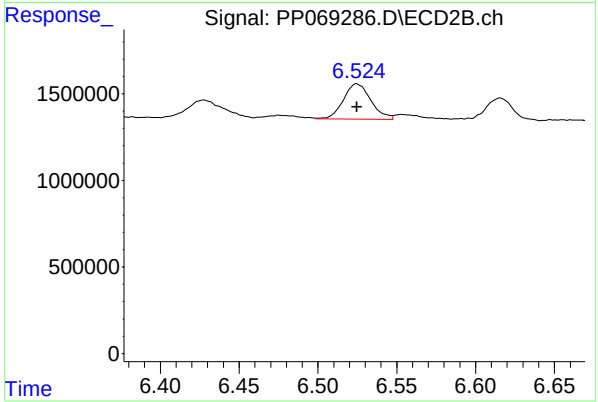
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 3542972
Conc: 46.68 ng/ml



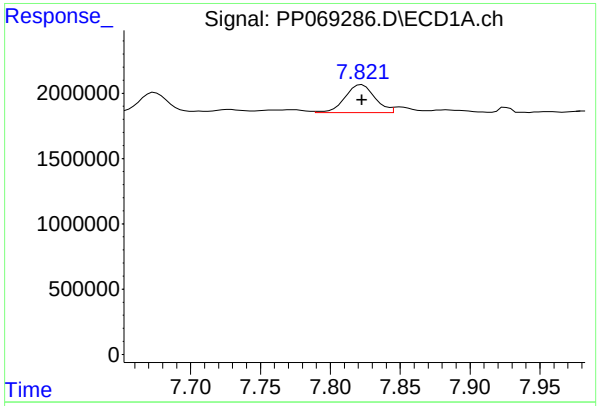
#29 AR-1254-4

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3314077
Conc: 48.60 ng/ml



#29 AR-1254-4

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2474657
Conc: 48.29 ng/ml



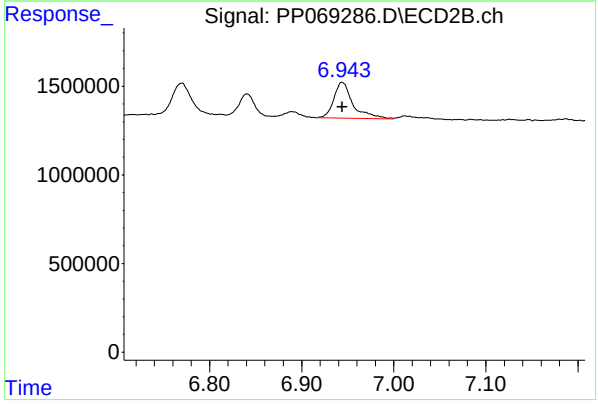
#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 3170800
Conc: 46.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 2933240
Conc: 44.07 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:09
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: Jan 28 16:23:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:21:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.842	70866290	45053246	50.000	50.000
2)	SA Decachlor...	10.278	8.912	54146536	52952692	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.124	6.983	39509132	35506595	500.000	500.000
37)	L8 AR-1262-2	8.446	7.243	76461630	30489732	500.000	500.000
38)	L8 AR-1262-3	8.766	7.768	53139905	26149600	500.000	500.000
39)	L8 AR-1262-4	8.852	7.832	40896466	46218246	500.000	500.000
40)	L8 AR-1262-5	9.511	8.336	28305097	23896110	500.000	500.000

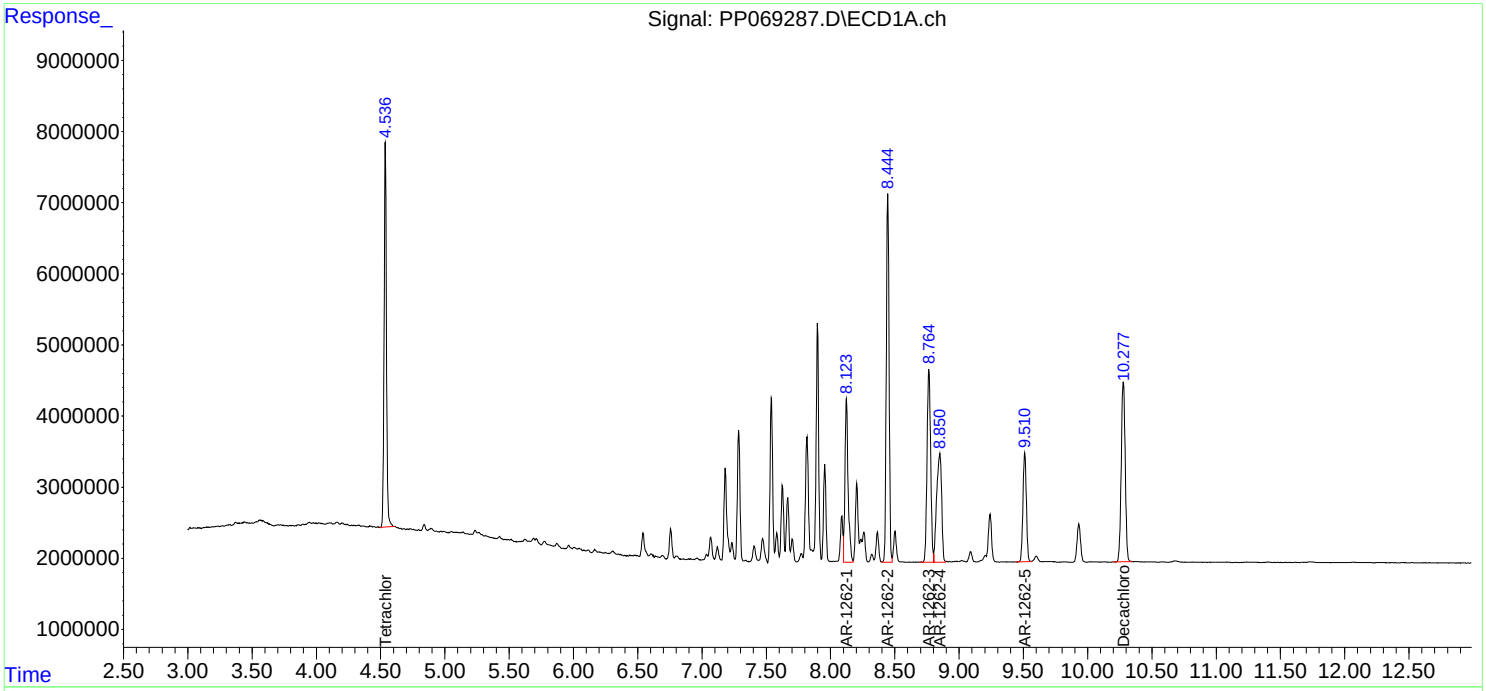
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

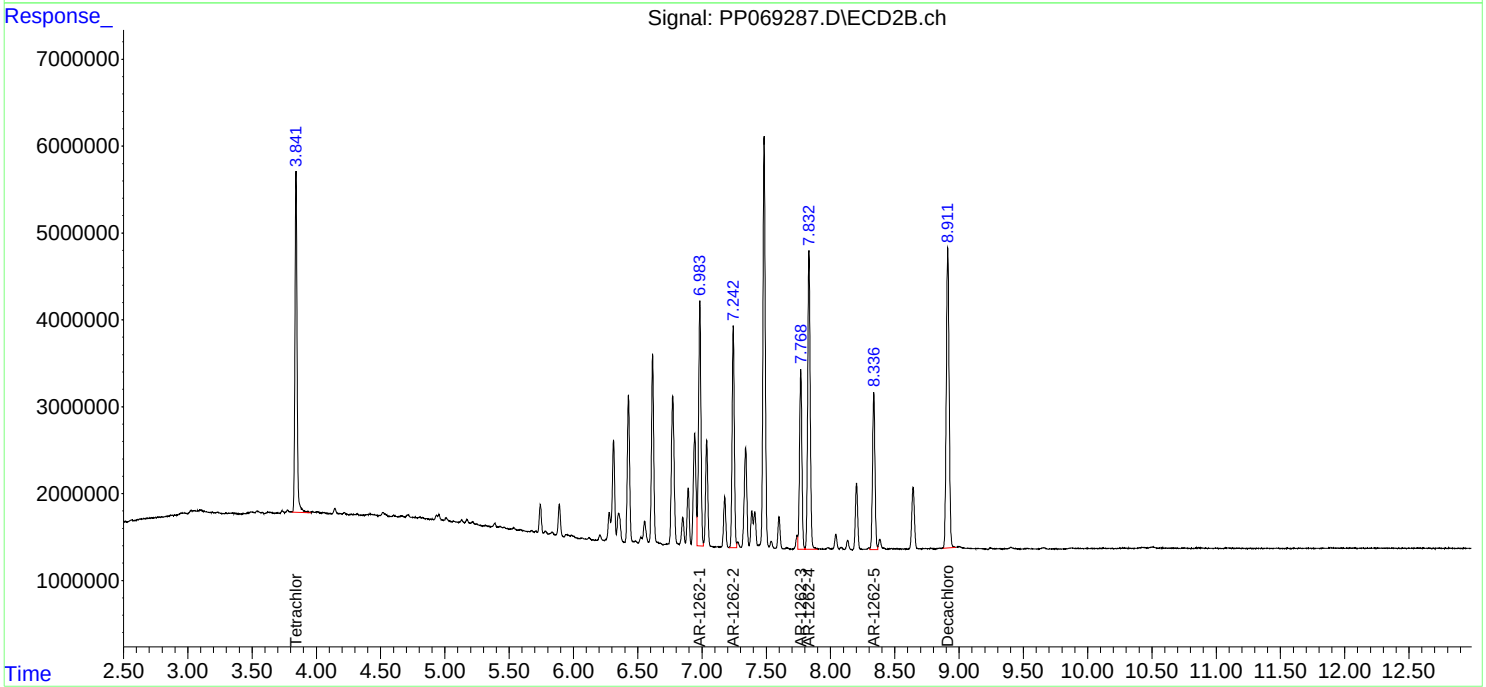
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:09
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

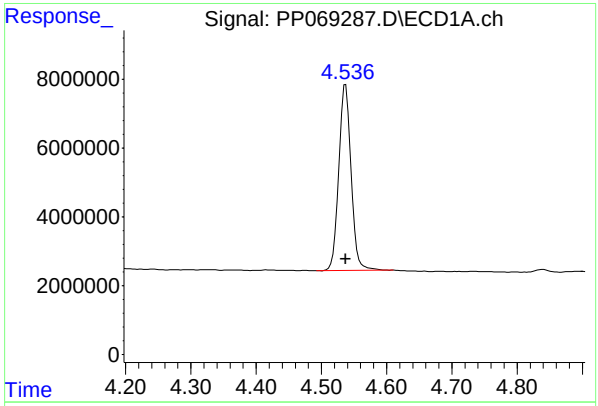
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:23:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:21:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



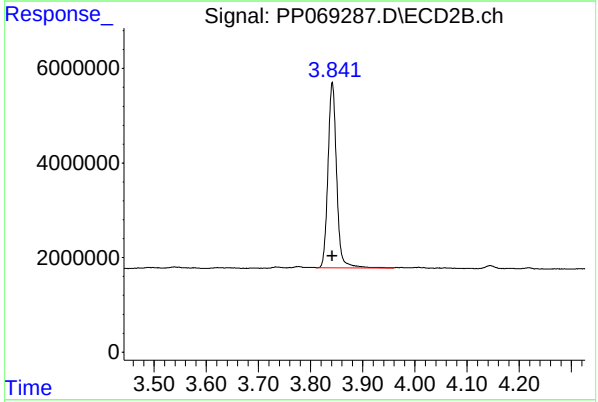




#1 Tetrachloro-m-xylene

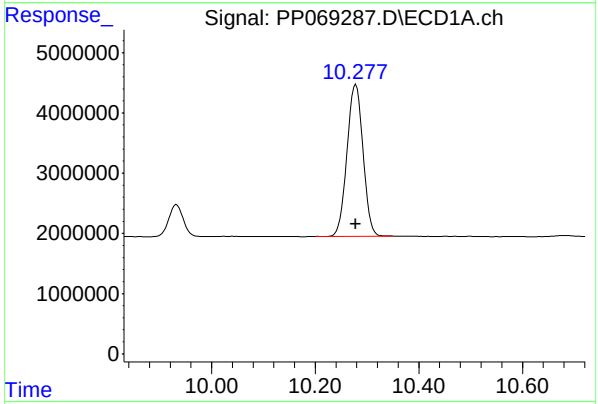
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 70866290
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



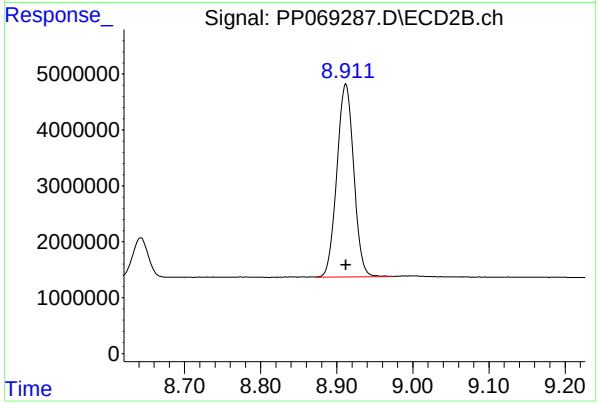
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 45053246
Conc: 50.00 ng/ml



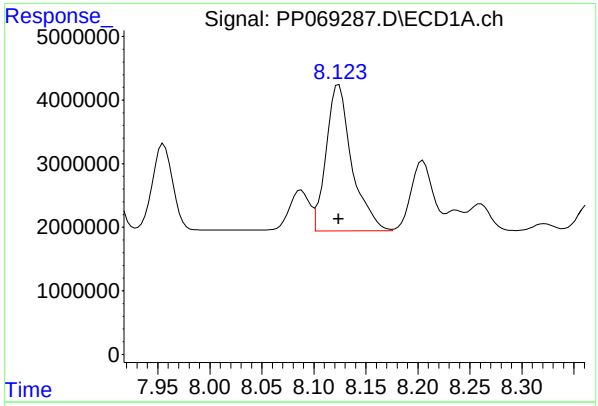
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 54146536
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

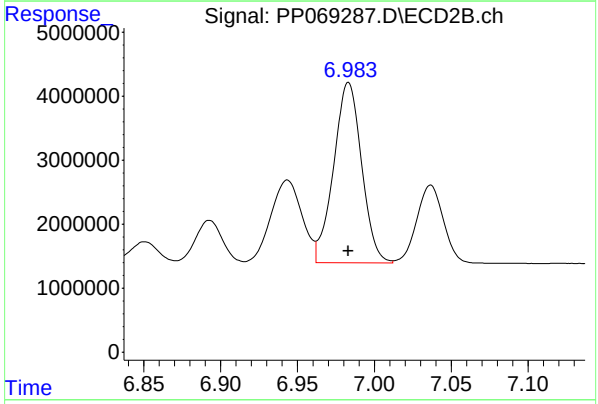
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 52952692
Conc: 50.00 ng/ml



#36 AR-1262-1

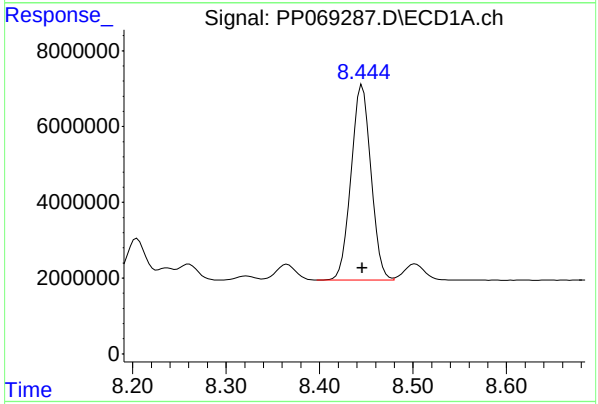
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 39509132
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



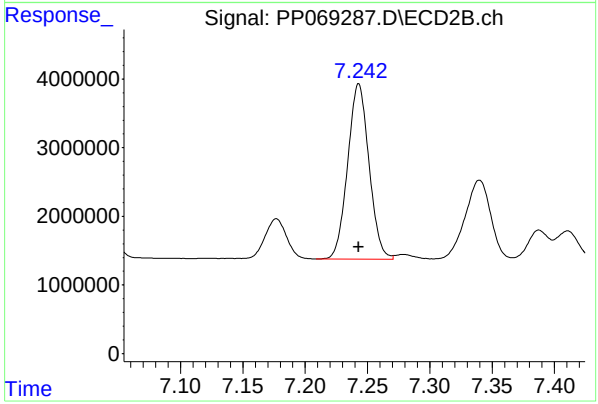
#36 AR-1262-1

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 35506595
Conc: 500.00 ng/ml



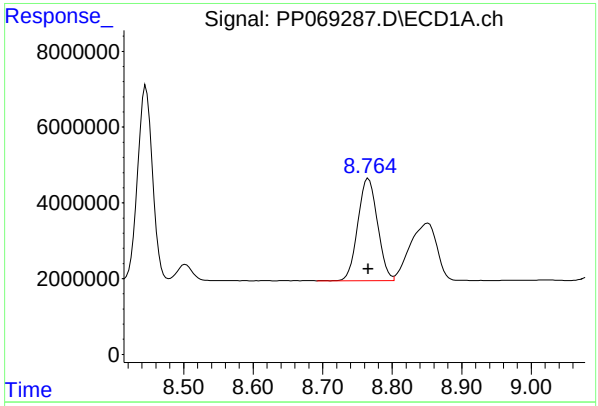
#37 AR-1262-2

R.T.: 8.446 min
Delta R.T.: 0.000 min
Response: 76461630
Conc: 500.00 ng/ml



#37 AR-1262-2

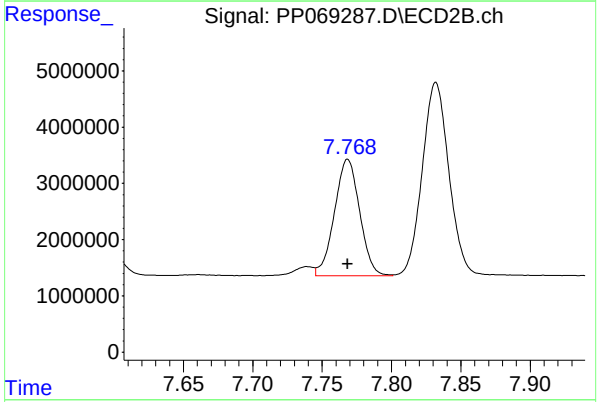
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 30489732
Conc: 500.00 ng/ml



#38 AR-1262-3

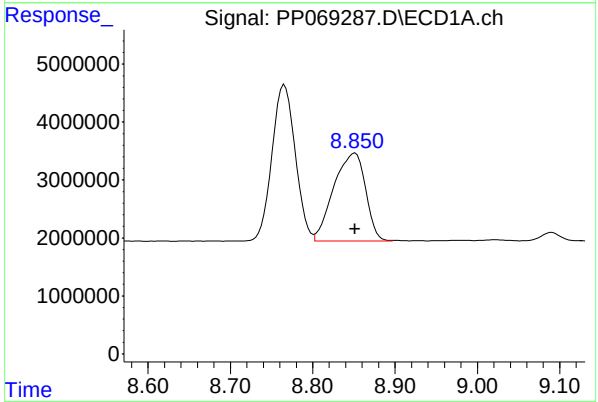
R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 53139905
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



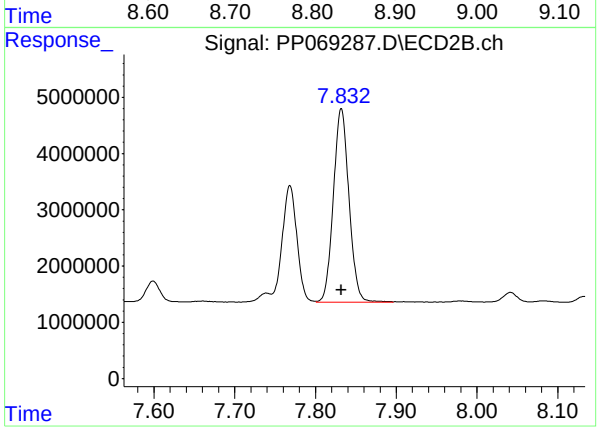
#38 AR-1262-3

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 26149600
Conc: 500.00 ng/ml



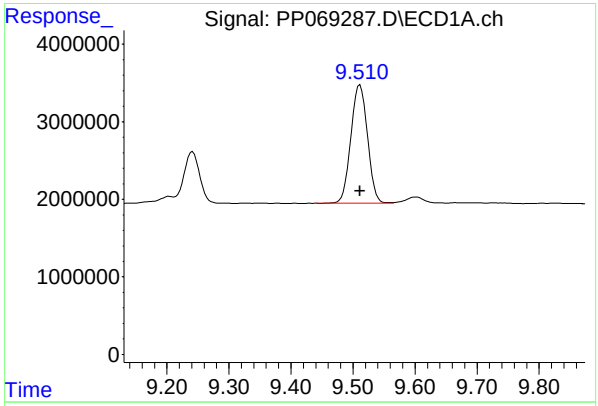
#39 AR-1262-4

R.T.: 8.852 min
Delta R.T.: 0.000 min
Response: 40896466
Conc: 500.00 ng/ml



#39 AR-1262-4

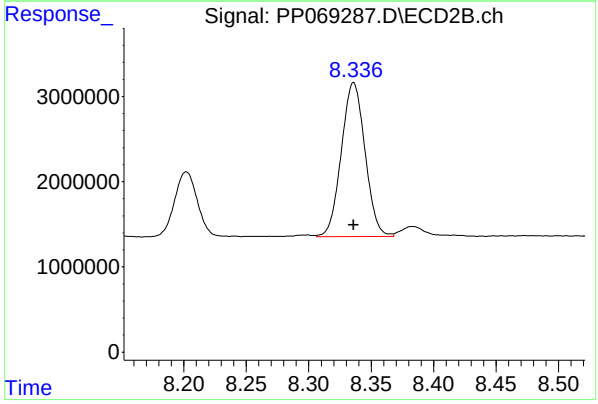
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 46218246
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 28305097
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 23896110
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:25
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: Jan 28 17:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.842	141.7E6	92128954	95.944	96.727
2)	SA Decachlor...	10.278	8.913	175.4E6	173.2E6	95.468	94.768
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.769	176.6E6	145.3E6	956.149	947.242
42)	L9 AR-1268-2	8.856	7.834	157.0E6	134.2E6	955.347	948.494
43)	L9 AR-1268-3	9.091	8.042	134.4E6	115.2E6	956.115	951.002
44)	L9 AR-1268-4	9.511	8.337	59595033	52741395	959.028	945.775
45)	L9 AR-1268-5	9.932	8.643	388.9E6	368.8E6	968.144	969.912

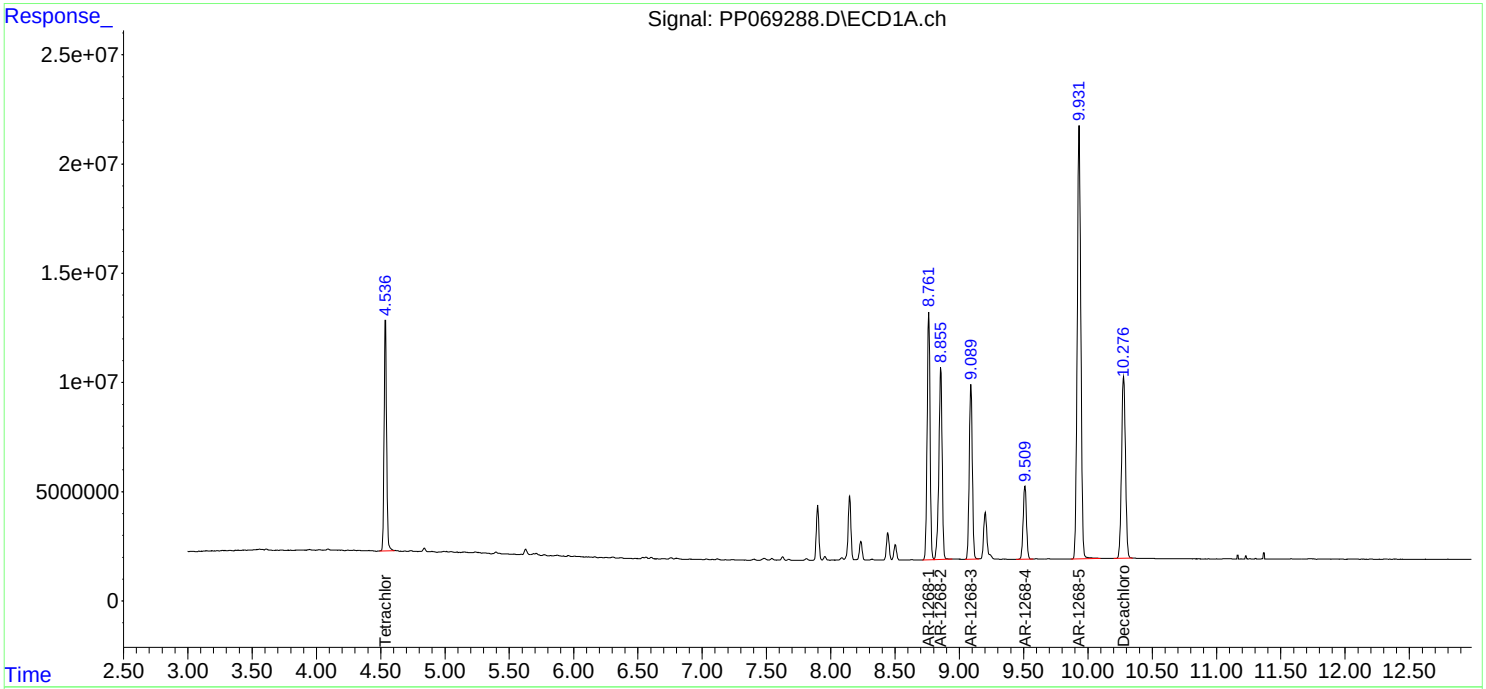
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

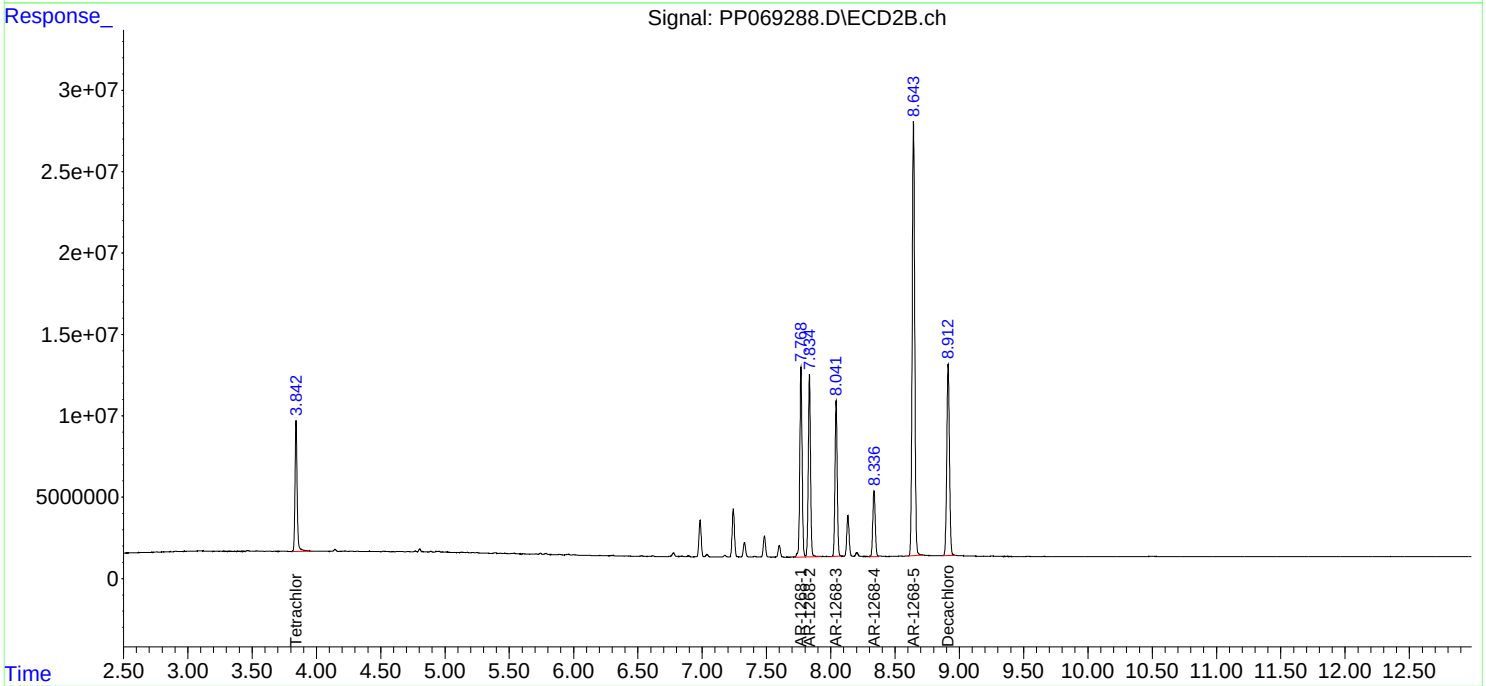
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:25
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

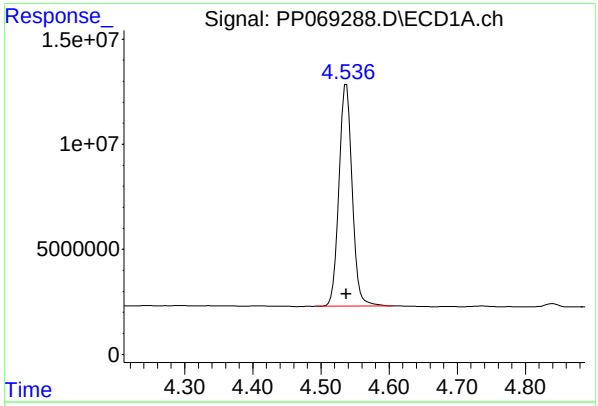
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:14:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



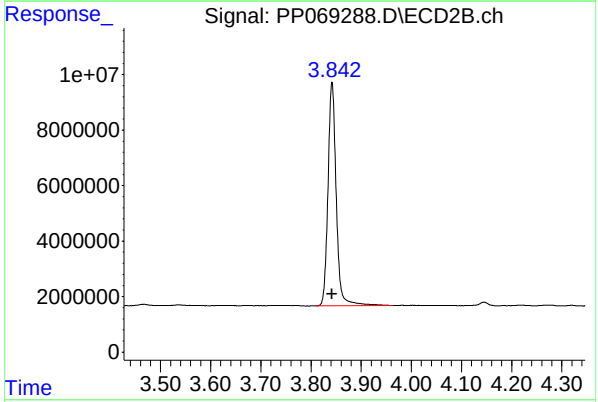




#1 Tetrachloro-m-xylene

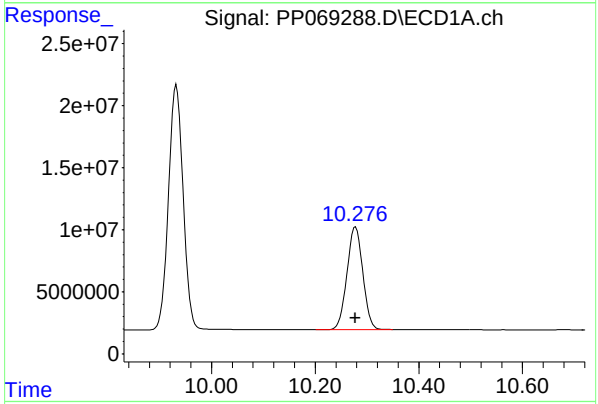
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 141740509
Conc: 95.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



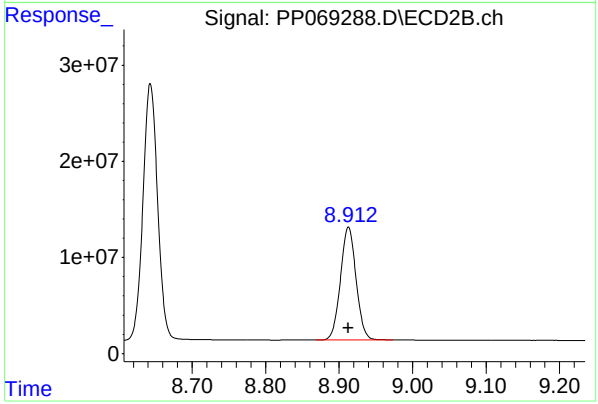
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 92128954
Conc: 96.73 ng/ml



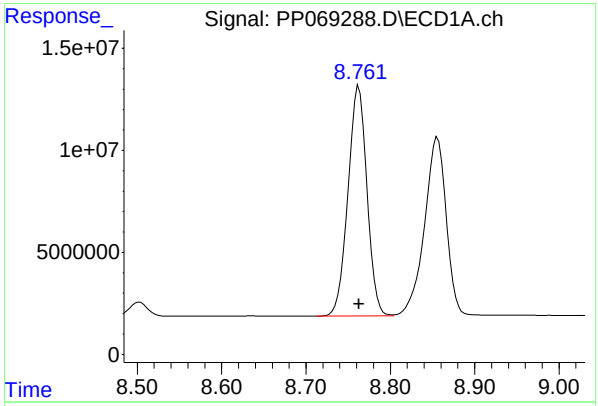
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 175428294
Conc: 95.47 ng/ml



#2 Decachlorobiphenyl

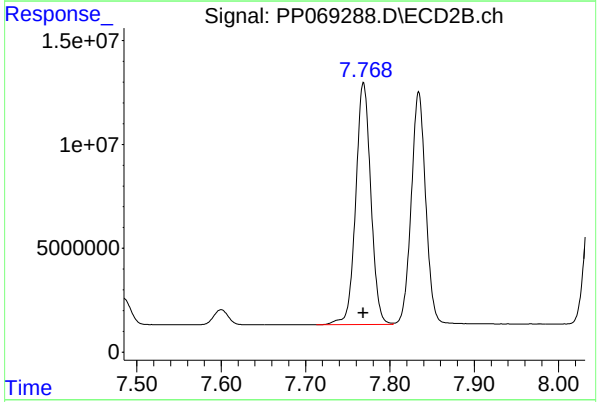
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 173202373
Conc: 94.77 ng/ml



#41 AR-1268-1

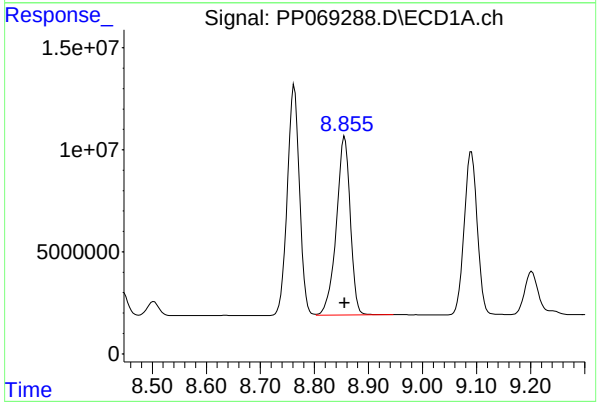
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 176588317
Conc: 956.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



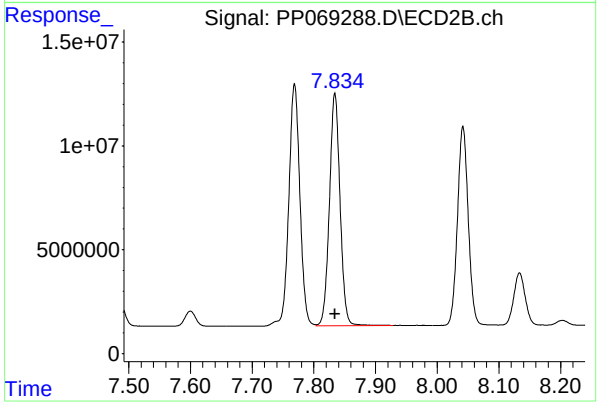
#41 AR-1268-1

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 145329954
Conc: 947.24 ng/ml



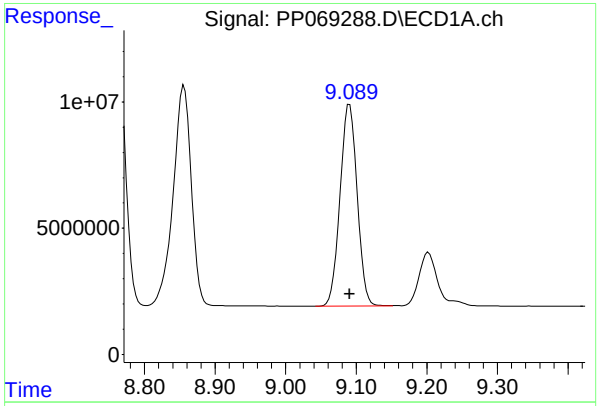
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.000 min
Response: 157019138
Conc: 955.35 ng/ml



#42 AR-1268-2

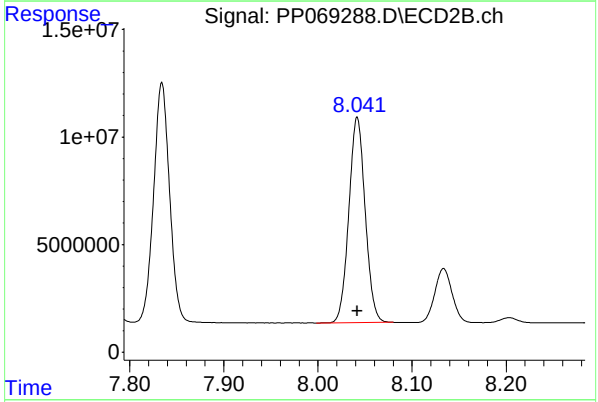
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 134157524
Conc: 948.49 ng/ml



#43 AR-1268-3

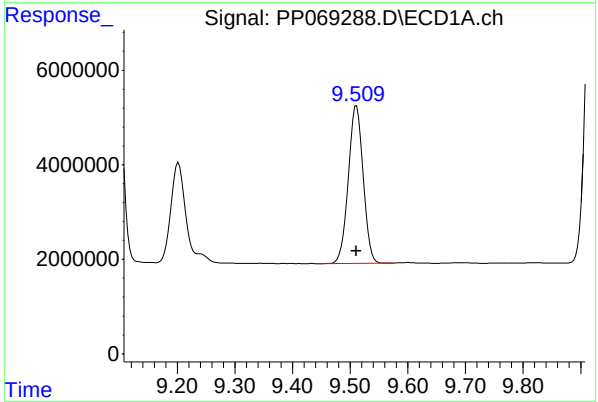
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 134437818
Conc: 956.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



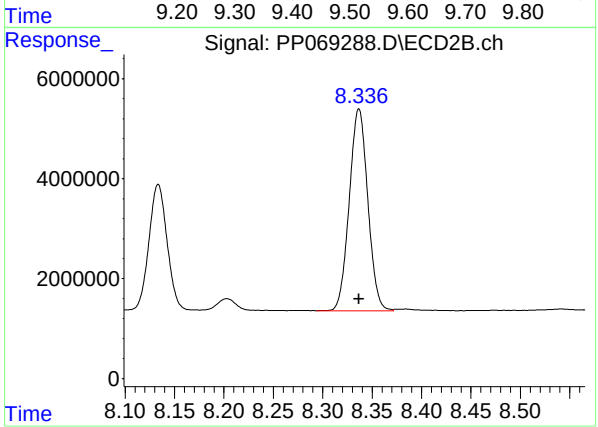
#43 AR-1268-3

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 115152122
Conc: 951.00 ng/ml



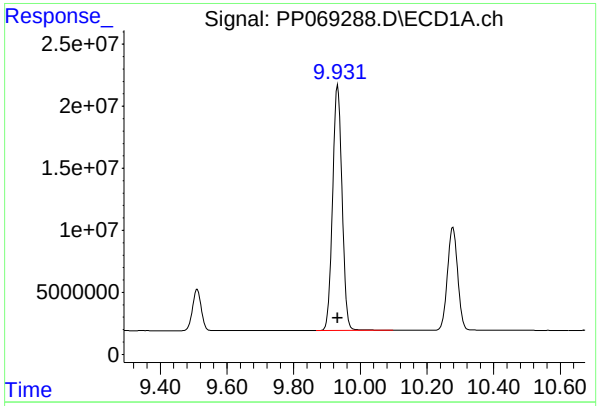
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 59595033
Conc: 959.03 ng/ml



#44 AR-1268-4

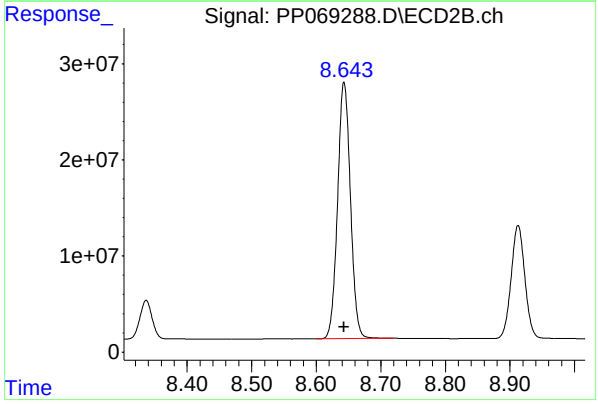
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 52741395
Conc: 945.77 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 388908034
Conc: 968.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 368786226
Conc: 969.91 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:42
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: Jan 28 17:19:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.842	111.1E6	71903318	75.128	75.901
2)	SA Decachlor...	10.281	8.913	137.9E6	136.8E6	75.046	74.883
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.769	138.6E6	112.6E6	750.252	738.987
42)	L9 AR-1268-2	8.858	7.833	123.3E6	104.3E6	750.168	741.423
43)	L9 AR-1268-3	9.093	8.042	105.3E6	88413325	749.171	736.666
44)	L9 AR-1268-4	9.513	8.337	46710125	41418932	751.118	745.142
45)	L9 AR-1268-5	9.935	8.643	302.5E6	288.2E6	751.971	755.369

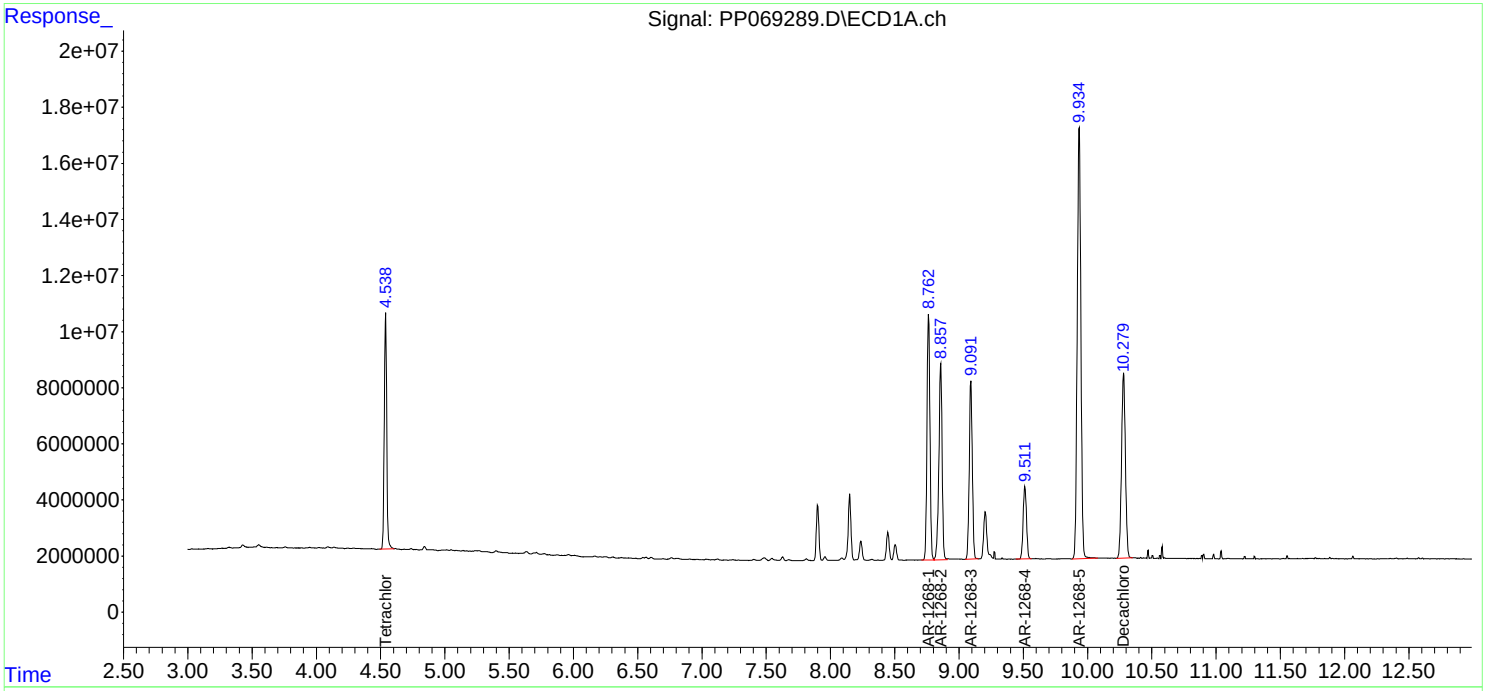
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

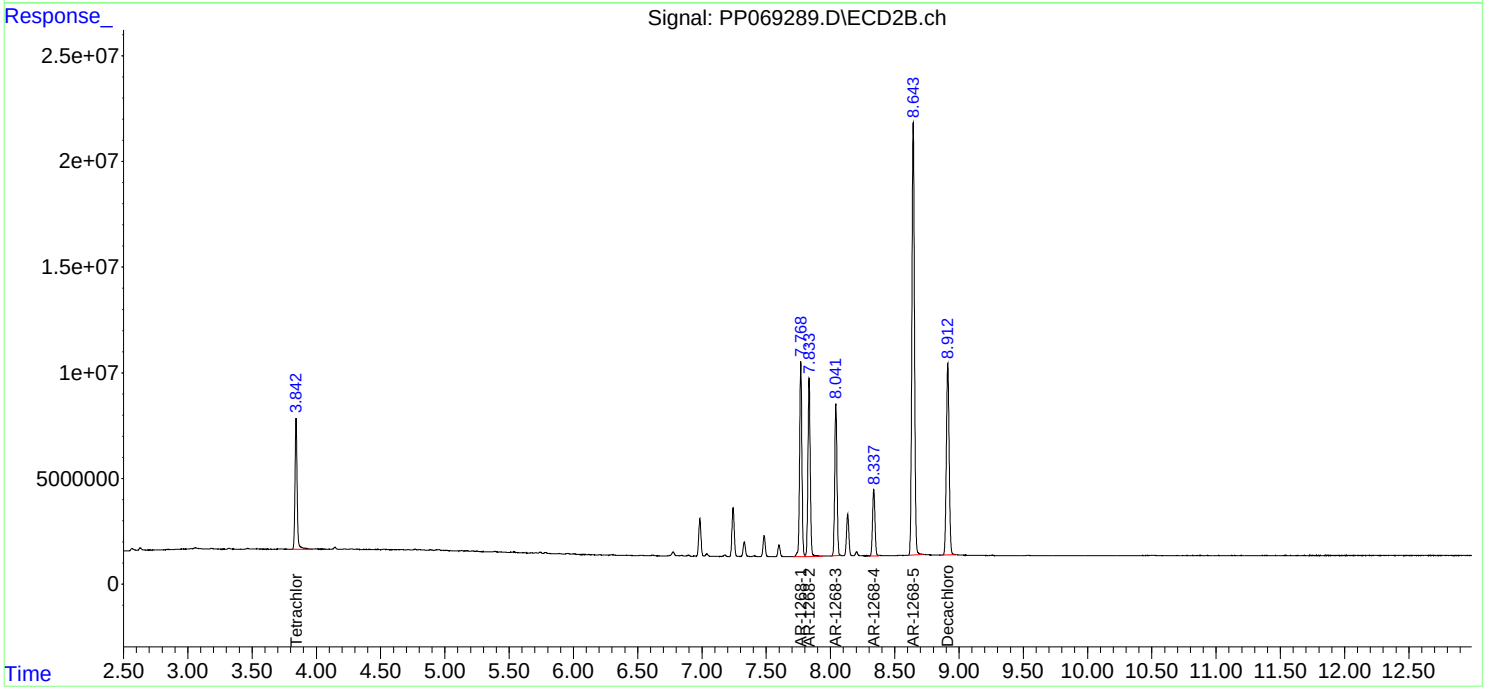
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:42
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

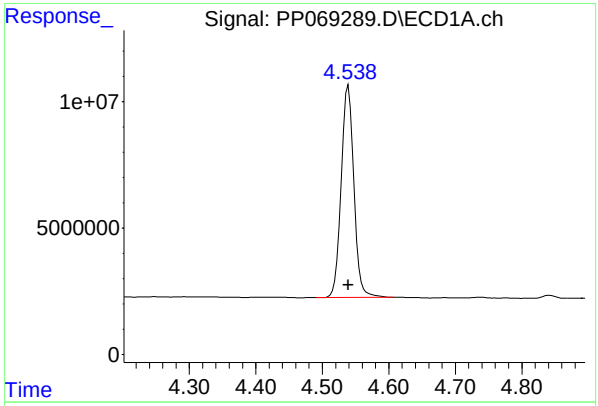
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:19:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



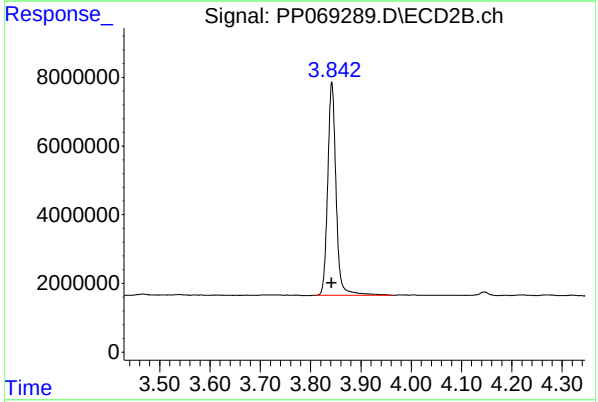




#1 Tetrachloro-m-xylene

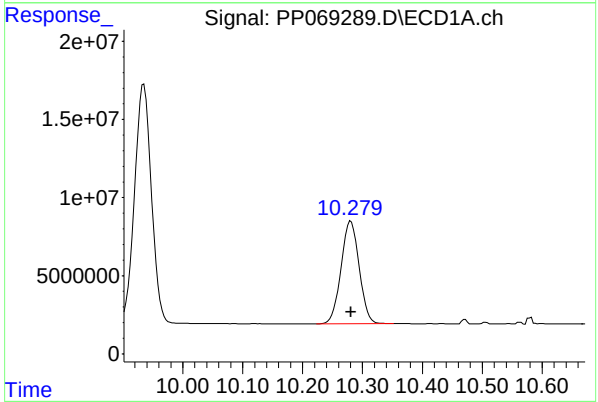
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 111083181
Conc: 75.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



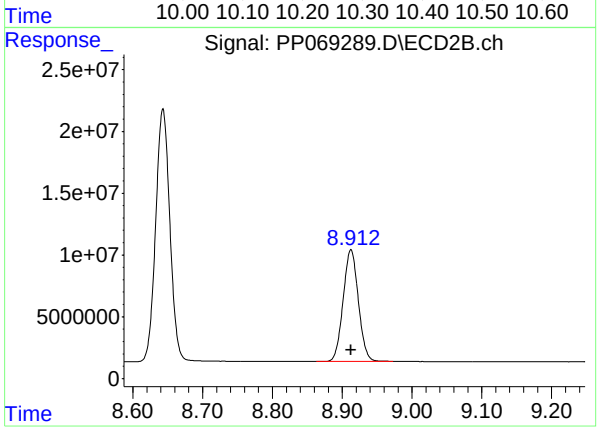
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.000 min
Response: 71903318
Conc: 75.90 ng/ml



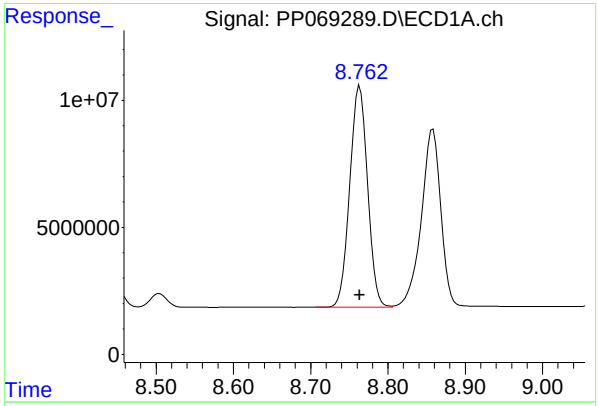
#2 Decachlorobiphenyl

R.T.: 10.281 min
Delta R.T.: 0.000 min
Response: 137945434
Conc: 75.05 ng/ml



#2 Decachlorobiphenyl

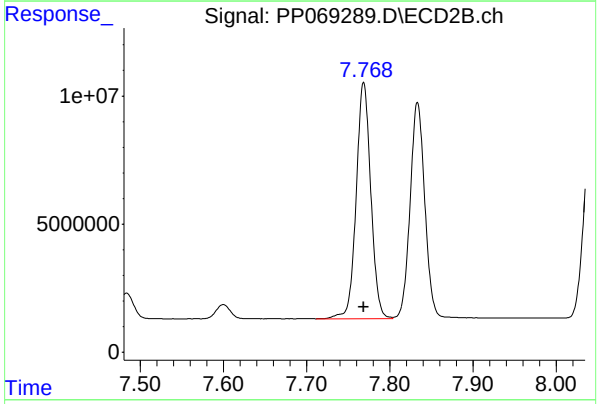
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 136751385
Conc: 74.88 ng/ml



#41 AR-1268-1

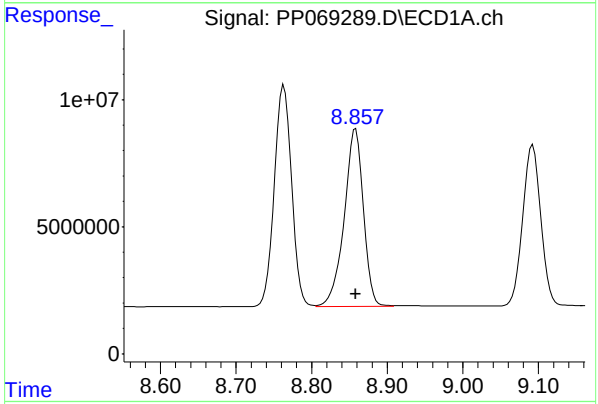
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 138585052
Conc: 750.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



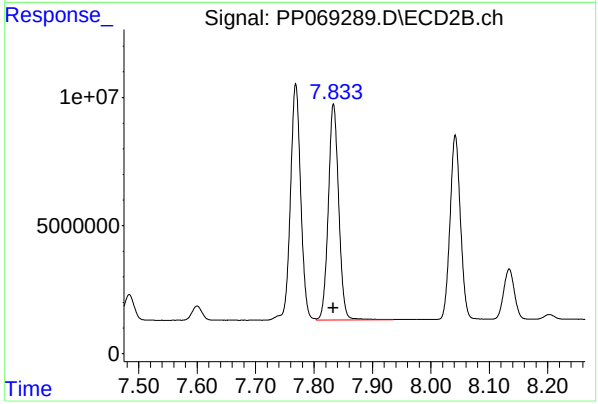
#41 AR-1268-1

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 112552220
Conc: 738.99 ng/ml



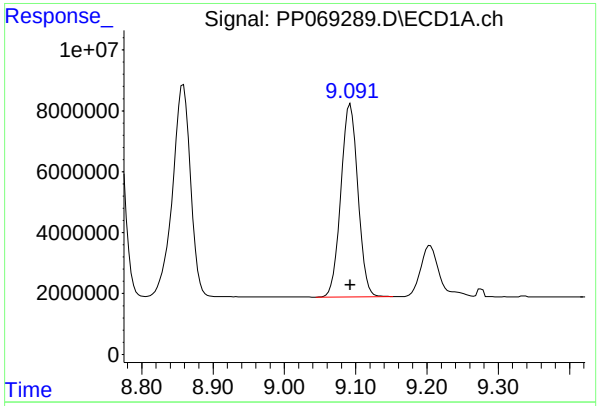
#42 AR-1268-2

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 123310178
Conc: 750.17 ng/ml



#42 AR-1268-2

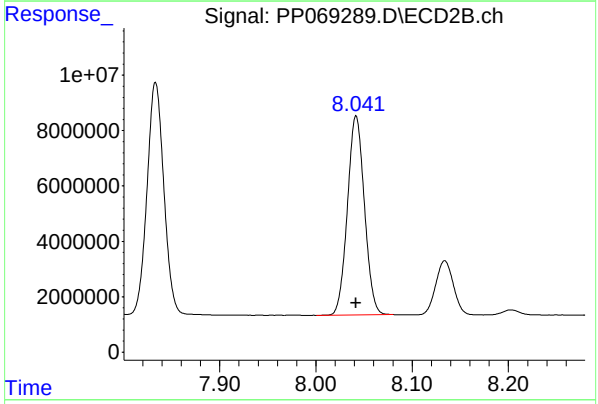
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 104272620
Conc: 741.42 ng/ml



#43 AR-1268-3

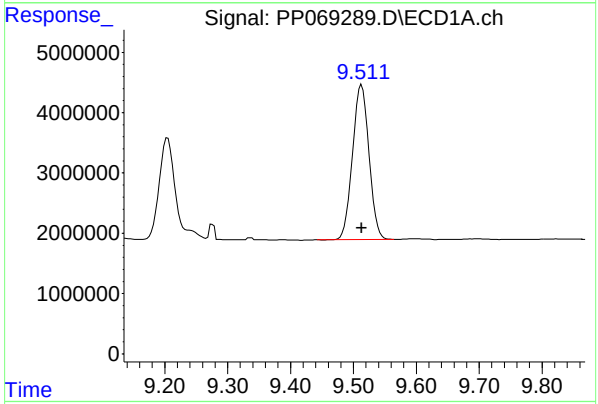
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 105281503
Conc: 749.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



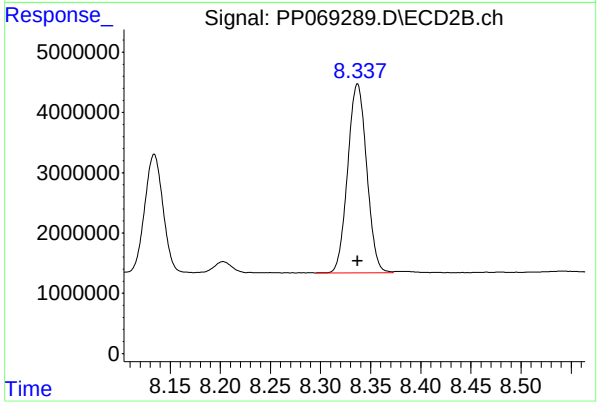
#43 AR-1268-3

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 88413325
Conc: 736.67 ng/ml



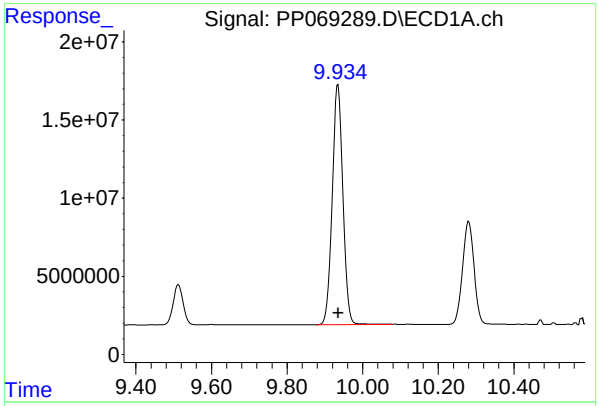
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 46710125
Conc: 751.12 ng/ml



#44 AR-1268-4

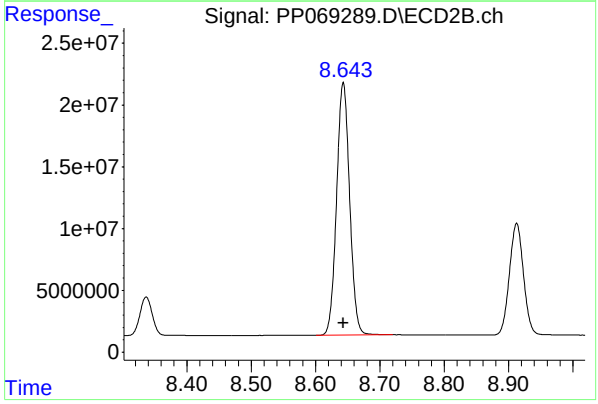
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 41418932
Conc: 745.14 ng/ml



#45 AR-1268-5

R.T.: 9.935 min
Delta R.T.: 0.000 min
Response: 302467764
Conc: 751.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.000 min
Response: 288242952
Conc: 755.37 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:58
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: Jan 28 17:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	76862426	49181825	50.000	50.000
2)	SA Decachlor...	10.279	8.911	96042801	96162855	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.761	7.768	96392837	80759270	500.000	500.000
42)	L9 AR-1268-2	8.855	7.833	85848712	74363836	500.000	500.000
43)	L9 AR-1268-3	9.090	8.040	73389481	63508948	500.000	500.000
44)	L9 AR-1268-4	9.510	8.335	32343556	29394578	500.000	500.000
45)	L9 AR-1268-5	9.932	8.641	207.3E6	195.8E6	500.000	500.000

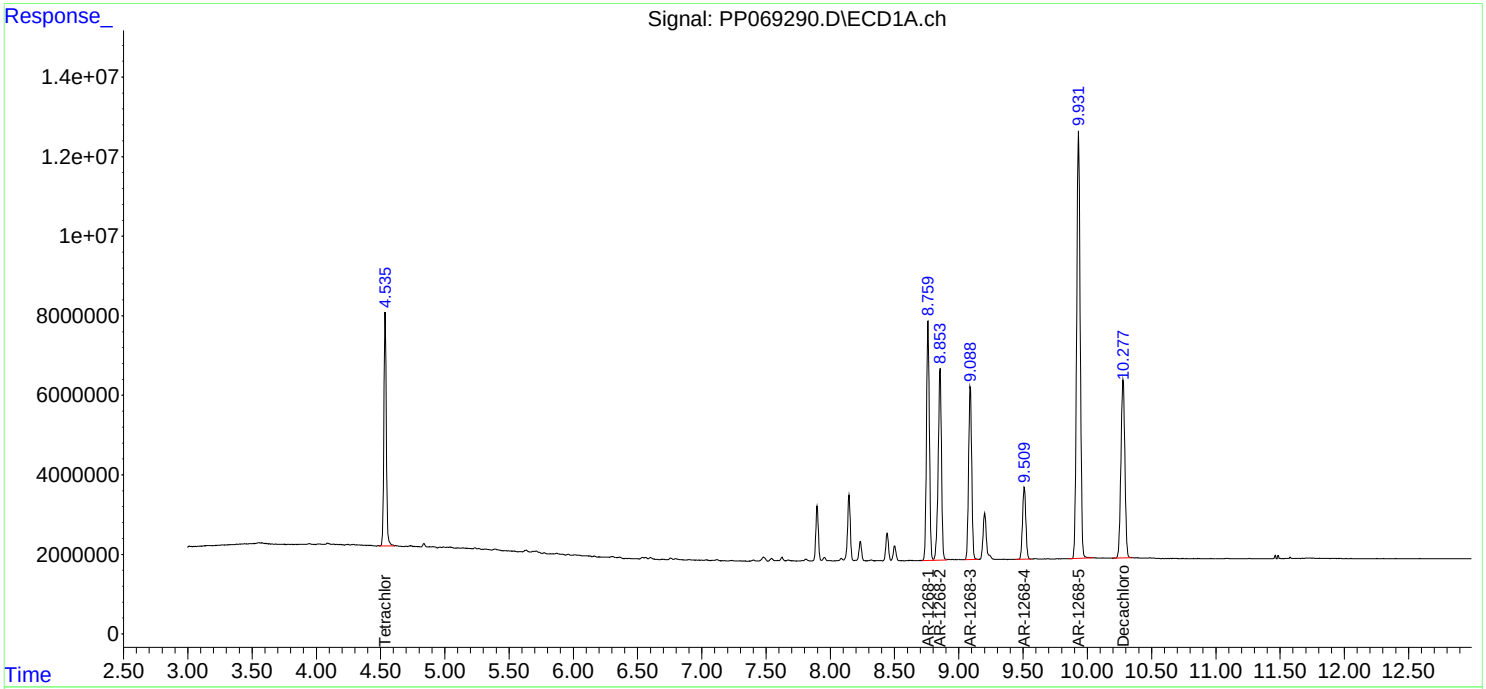
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

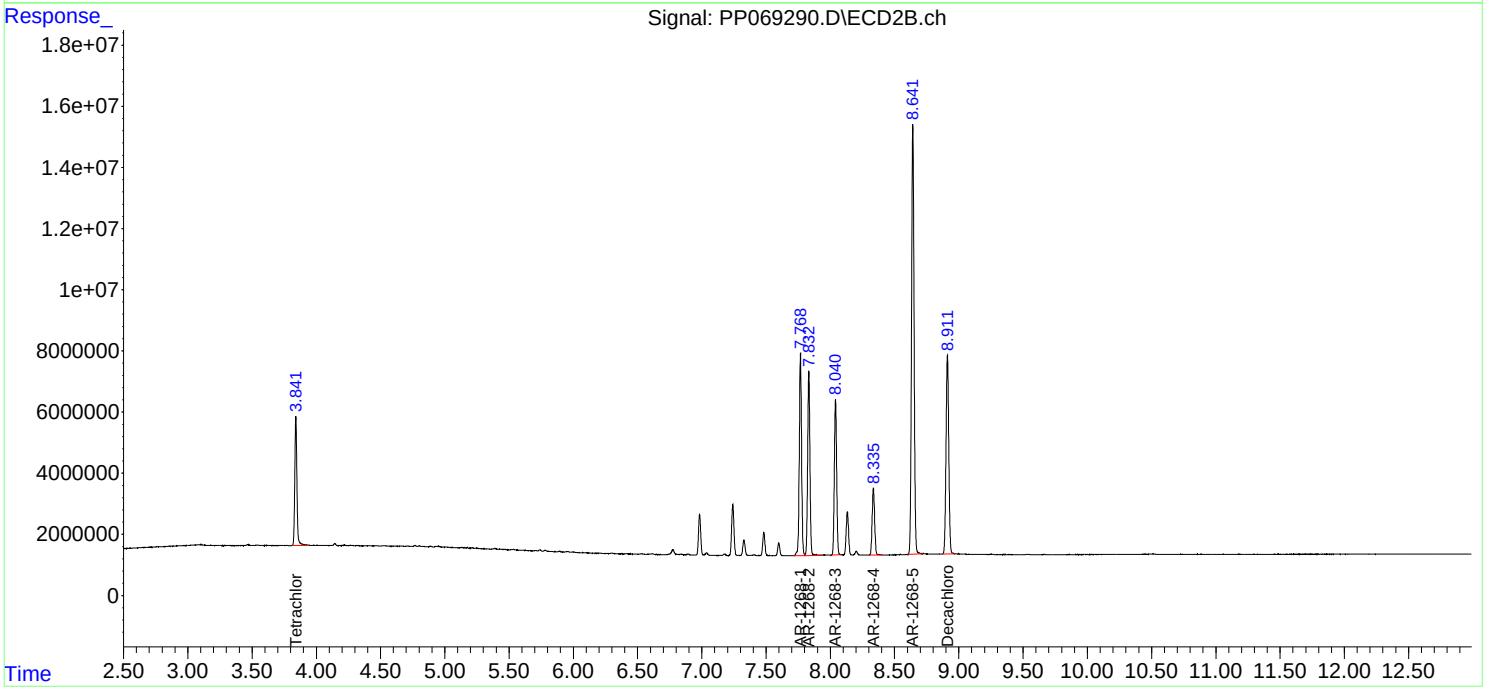
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:58
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

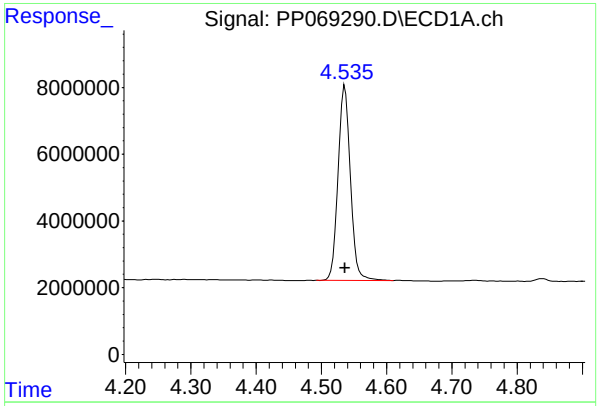
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:11:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:10:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



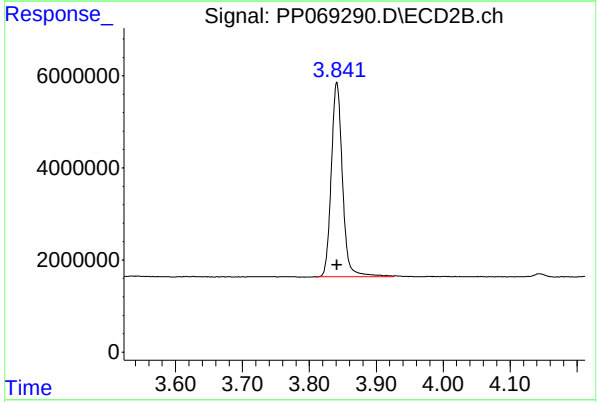




#1 Tetrachloro-m-xylene

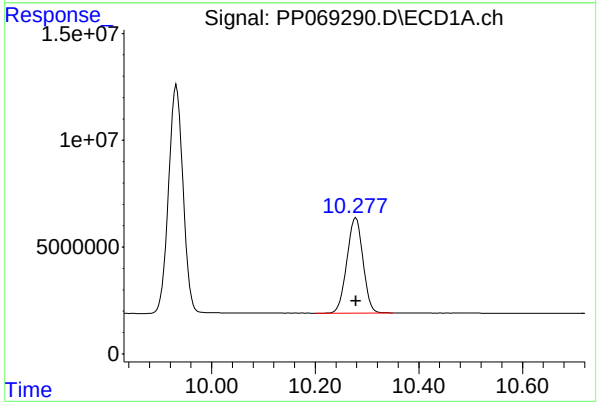
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 76862426
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



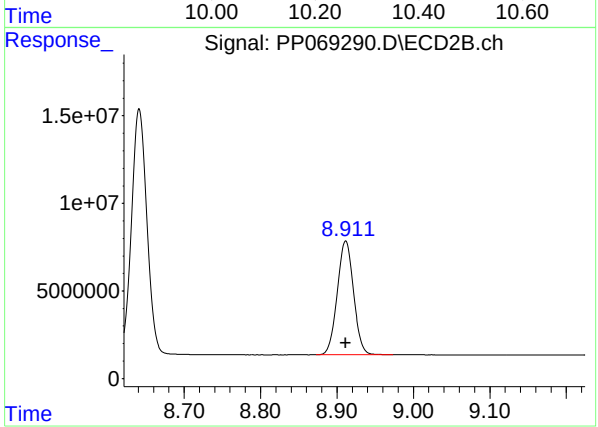
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 49181825
Conc: 50.00 ng/ml



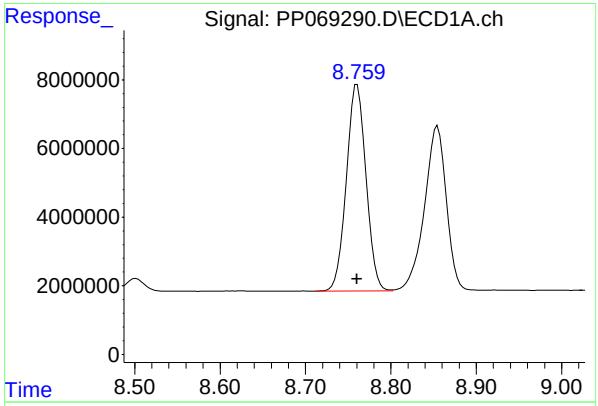
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 96042801
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

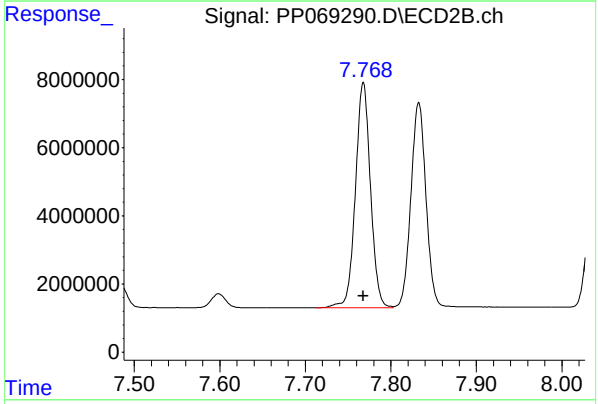
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 96162855
Conc: 50.00 ng/ml



#41 AR-1268-1

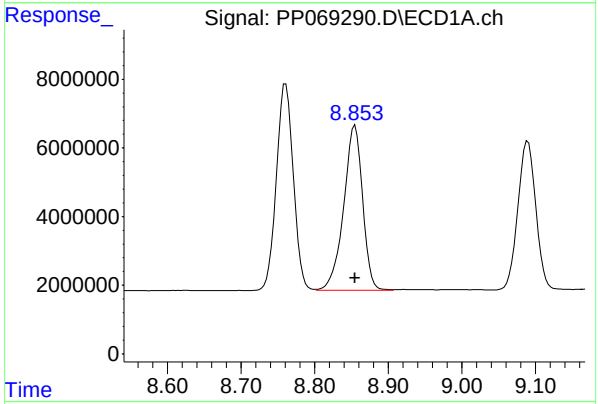
R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 96392837
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



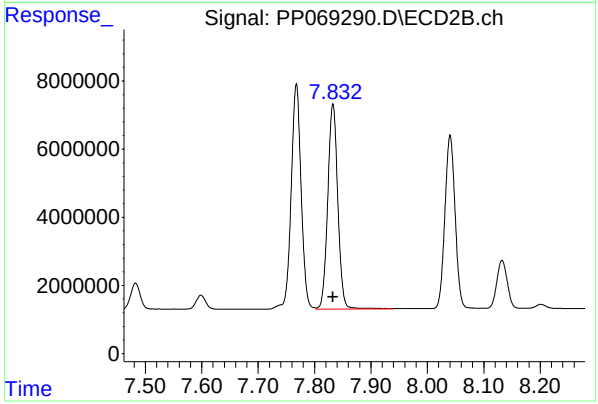
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 80759270
Conc: 500.00 ng/ml



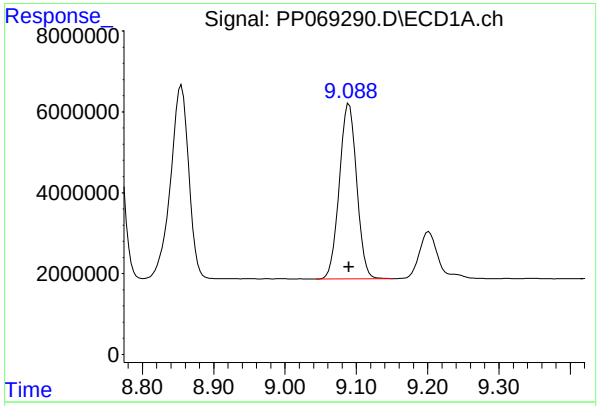
#42 AR-1268-2

R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 85848712
Conc: 500.00 ng/ml



#42 AR-1268-2

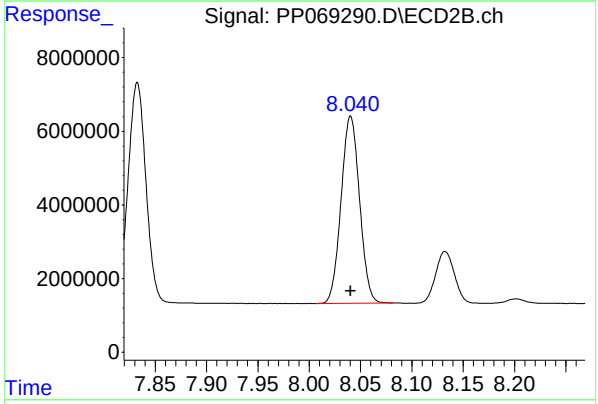
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 74363836
Conc: 500.00 ng/ml



#43 AR-1268-3

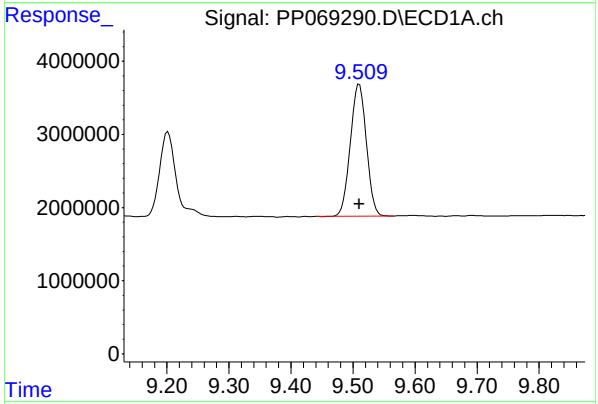
R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 73389481
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



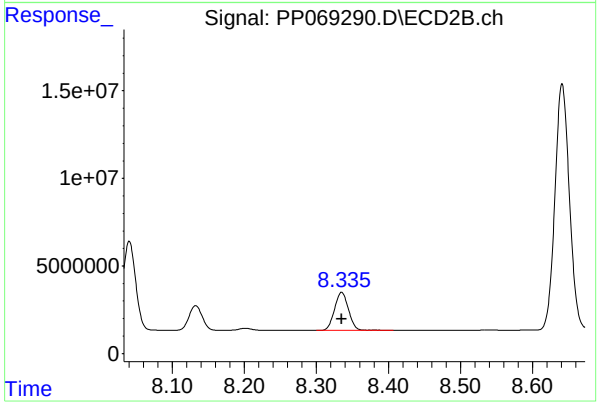
#43 AR-1268-3

R.T.: 8.040 min
Delta R.T.: 0.000 min
Response: 63508948
Conc: 500.00 ng/ml



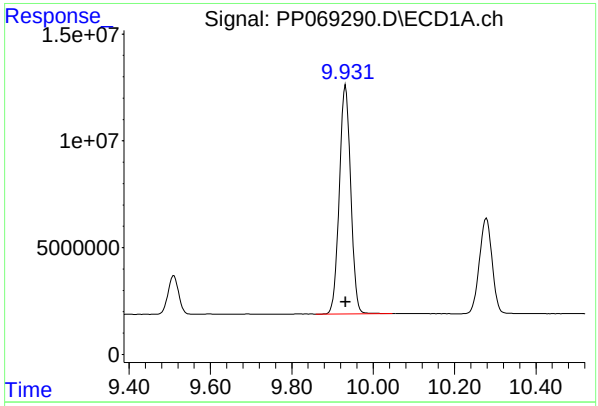
#44 AR-1268-4

R.T.: 9.510 min
Delta R.T.: 0.000 min
Response: 32343556
Conc: 500.00 ng/ml



#44 AR-1268-4

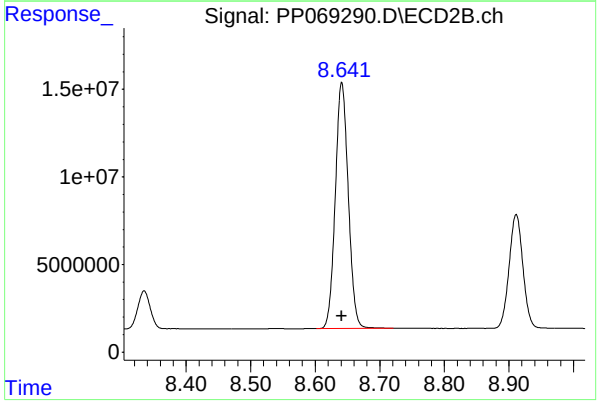
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 29394578
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 9.932 min
Delta R.T.: 0.000 min
Response: 207250635
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 195833465
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:14
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: Jan 28 17:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:28:39 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...	4.553	3.841	39693299	25406430	26.359	26.193
2)	SA Decachlor...	10.293	8.912	50826883	48064273	26.937	25.976
	Target Compounds						
41)	L9 AR-1268-1	8.778	7.768	50705640	40061895	267.938	259.651
42)	L9 AR-1268-2	8.872	7.832	44793849	36640221	266.509	257.814
43)	L9 AR-1268-3	9.106	8.041	38627120	31135456	268.197	257.001
44)	L9 AR-1268-4	9.527	8.336	16972703	14773829	266.811	261.656
45)	L9 AR-1268-5	9.947	8.642	109.1E6	95443492	265.618	250.089

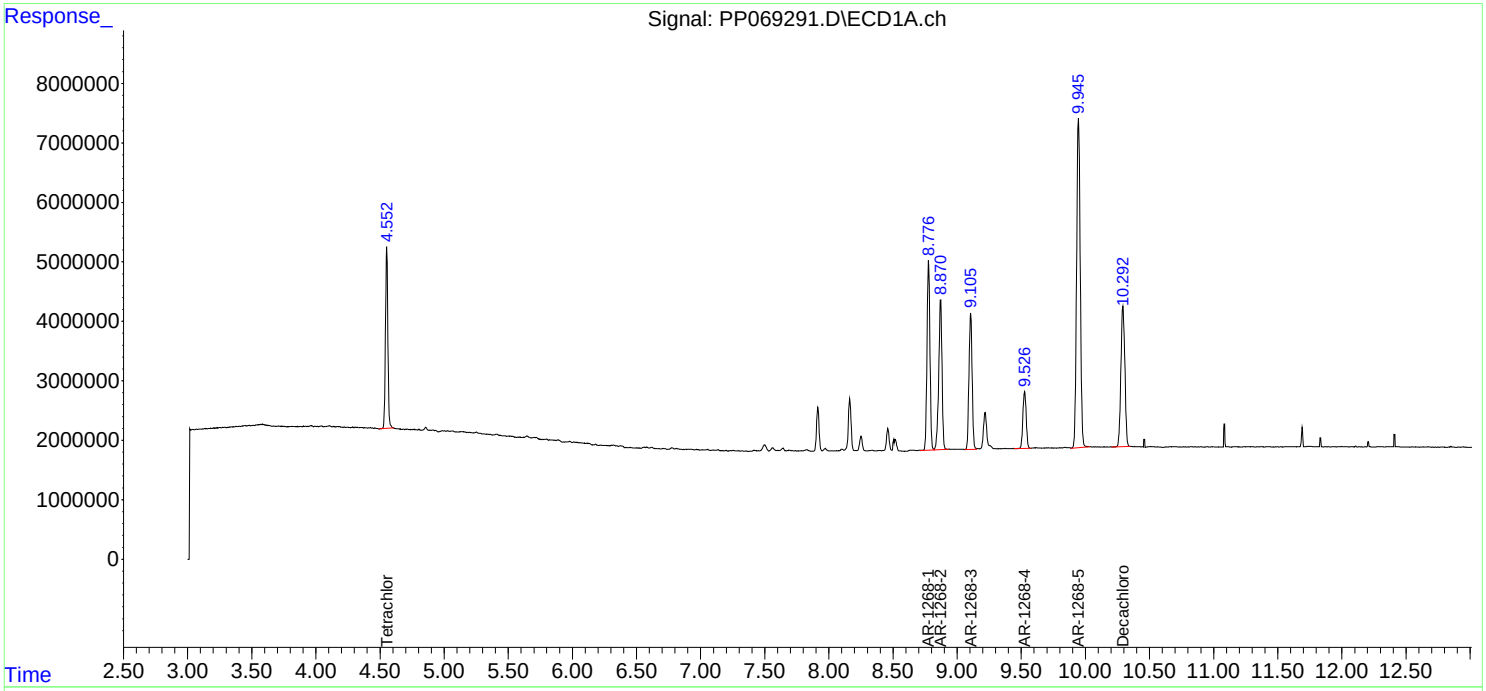
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

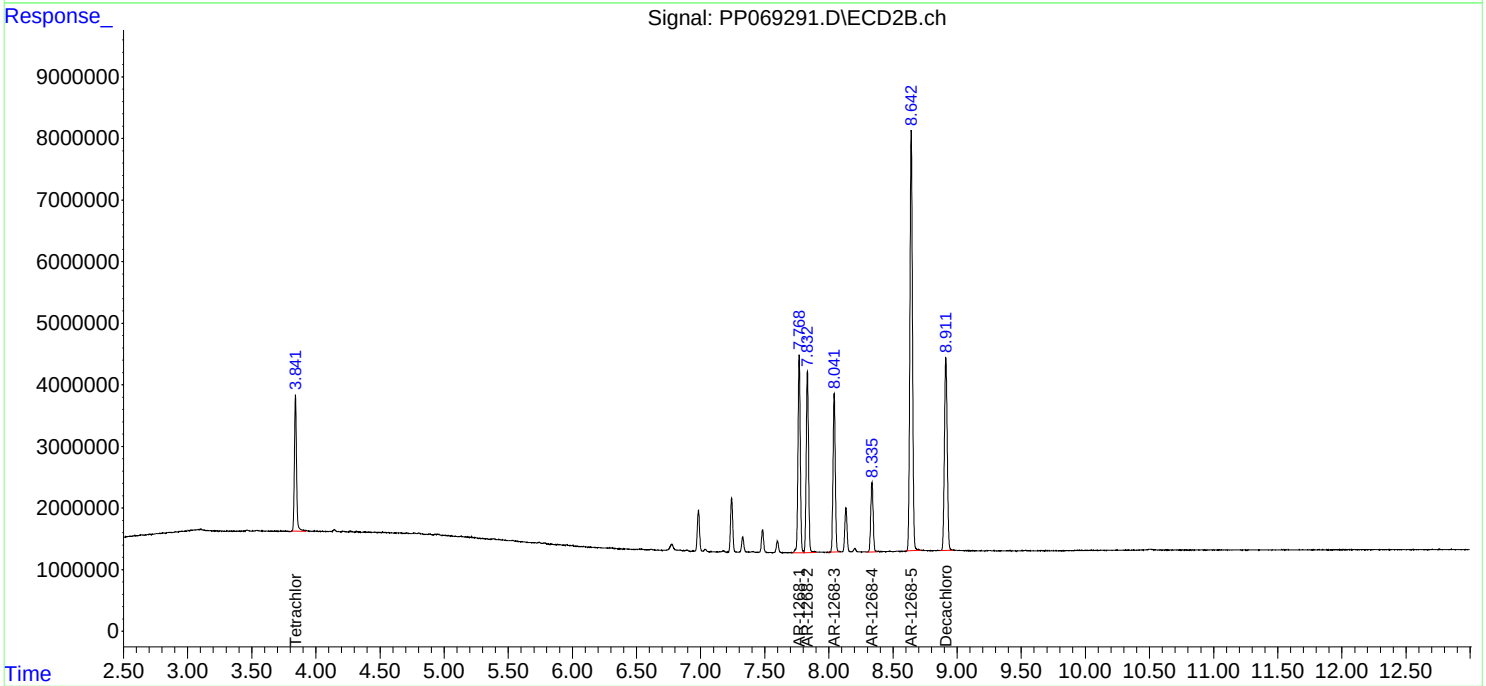
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

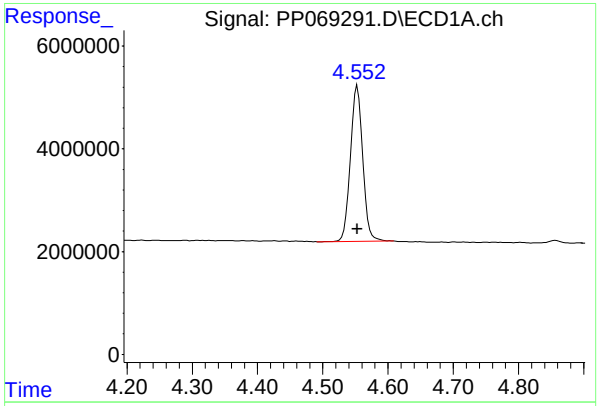
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:28:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:28:39 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



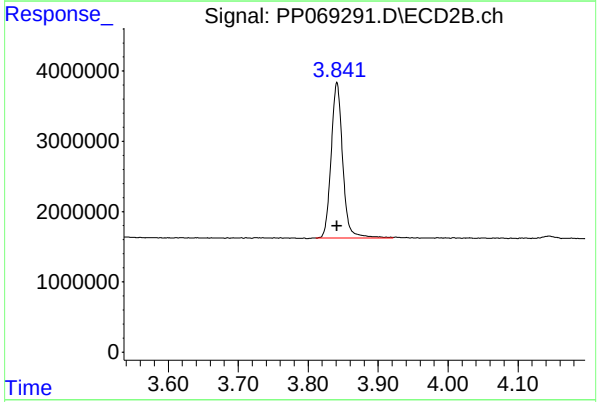




#1 Tetrachloro-m-xylene

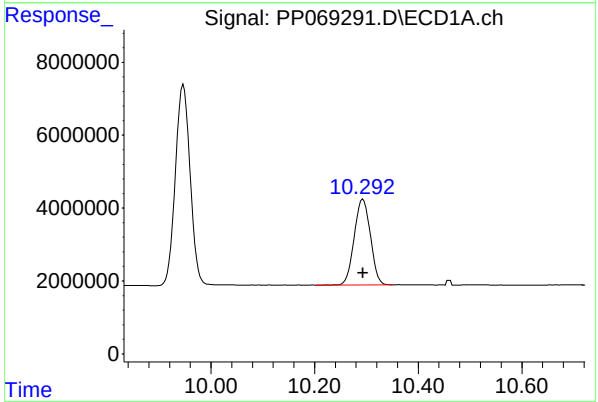
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 39693299
Conc: 26.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



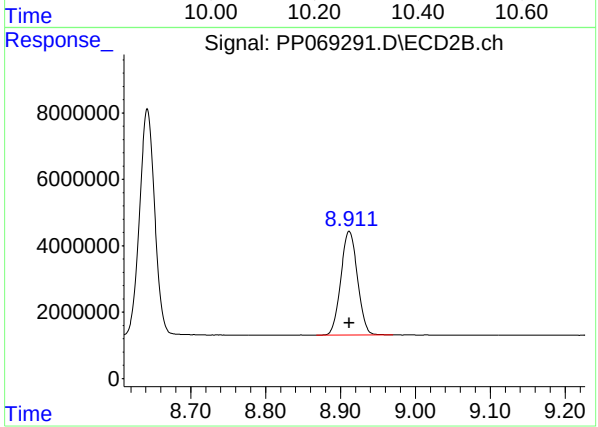
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 25406430
Conc: 26.19 ng/ml



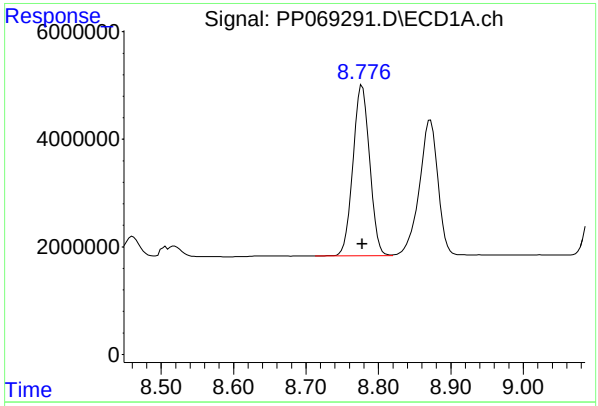
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: 0.000 min
Response: 50826883
Conc: 26.94 ng/ml



#2 Decachlorobiphenyl

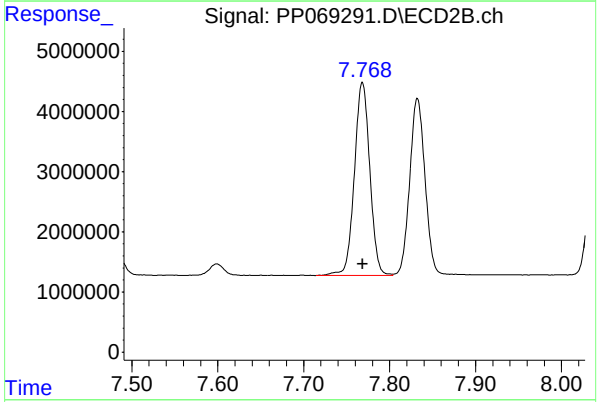
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 48064273
Conc: 25.98 ng/ml



#41 AR-1268-1

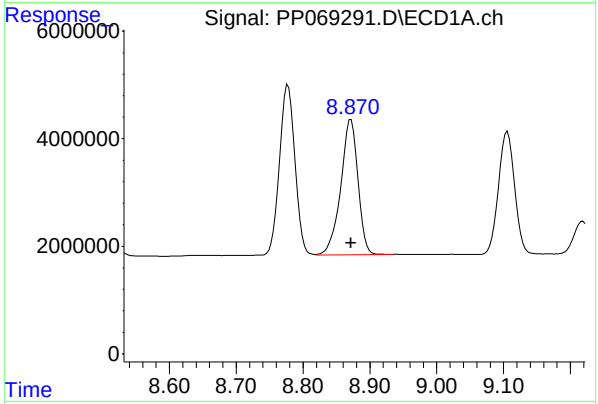
R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 50705640
Conc: 267.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



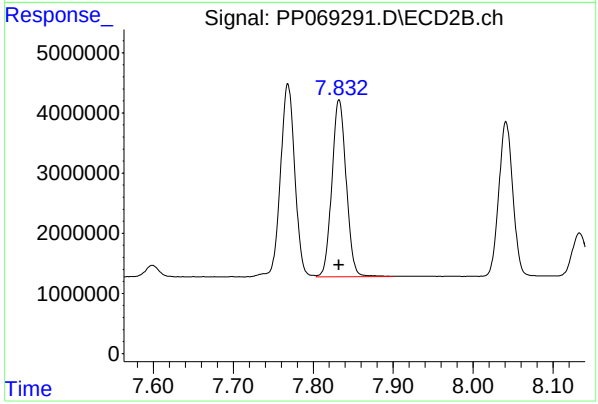
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 40061895
Conc: 259.65 ng/ml



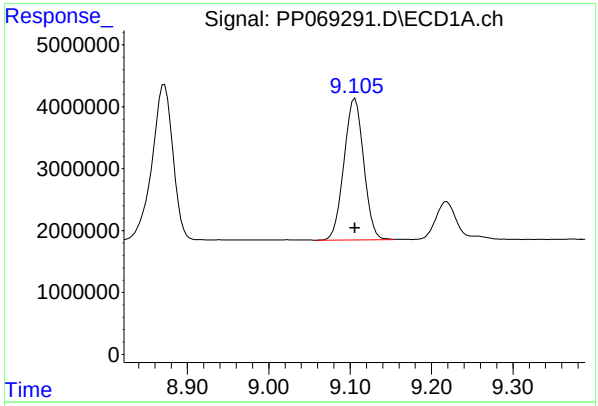
#42 AR-1268-2

R.T.: 8.872 min
Delta R.T.: 0.000 min
Response: 44793849
Conc: 266.51 ng/ml



#42 AR-1268-2

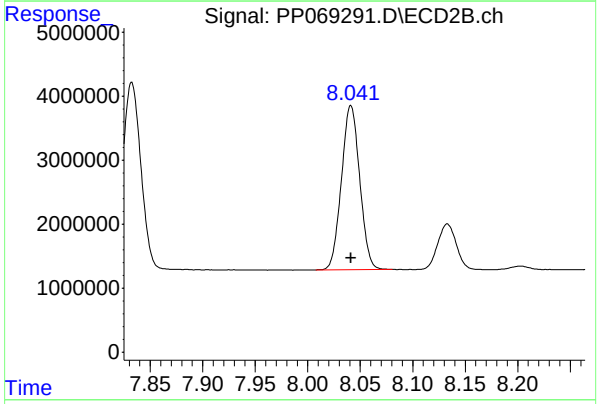
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 36640221
Conc: 257.81 ng/ml



#43 AR-1268-3

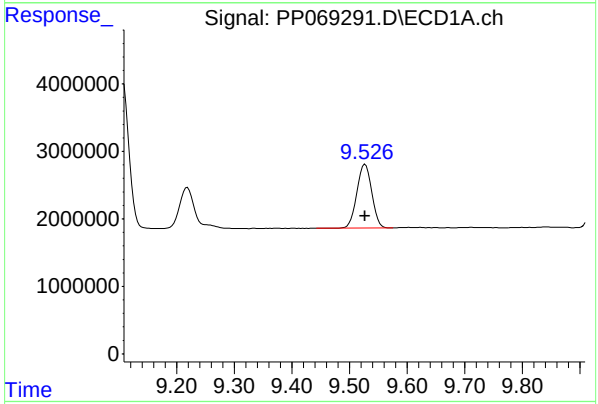
R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 38627120
Conc: 268.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



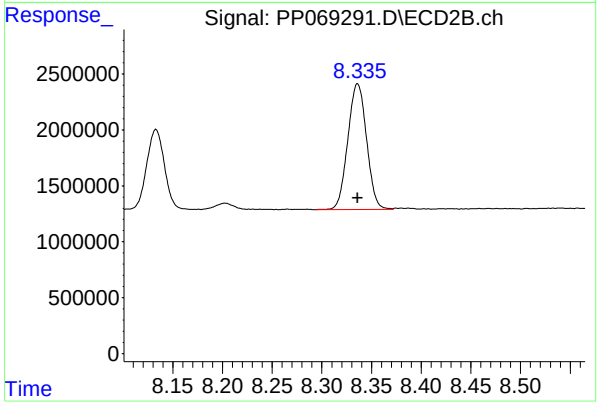
#43 AR-1268-3

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 31135456
Conc: 257.00 ng/ml



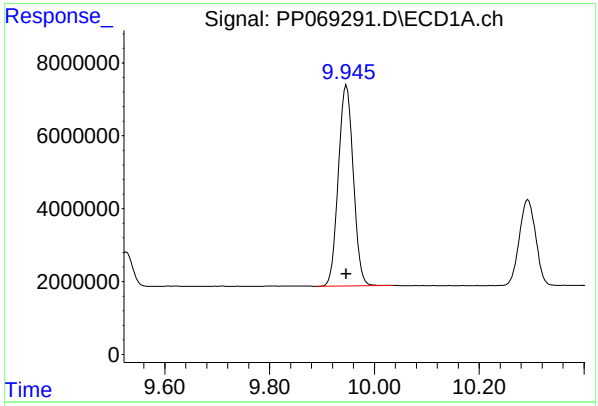
#44 AR-1268-4

R.T.: 9.527 min
Delta R.T.: 0.000 min
Response: 16972703
Conc: 266.81 ng/ml



#44 AR-1268-4

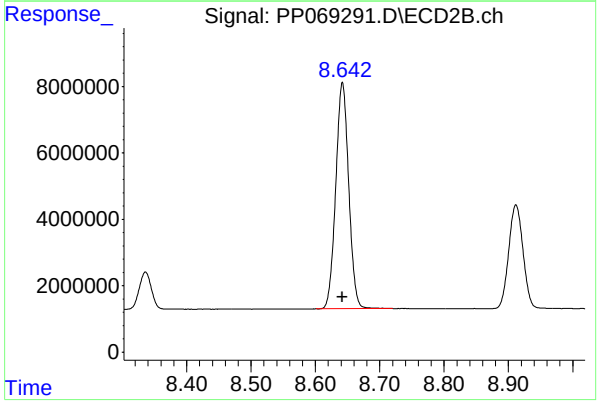
R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 14773829
Conc: 261.66 ng/ml



#45 AR-1268-5

R.T.: 9.947 min
Delta R.T.: 0.000 mi
Response: 109112771
Conc: 265.62 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 95443492
Conc: 250.09 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.840	4537630	2929843	3.283m	3.277m
2)	SA Decachlor...	10.278	8.910	5979560	6573940	3.419	3.771
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.767	6295775	5422252	35.654	37.363
42)	L9 AR-1268-2	8.857	7.832	5727609	4780082	36.395	35.990
43)	L9 AR-1268-3	9.093	8.039	4626946	4204668	34.600	36.968
44)	L9 AR-1268-4	9.511	8.335	1957538	1726940	33.336	33.161
45)	L9 AR-1268-5	9.933	8.641	13066763	12717604	34.305	35.705

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

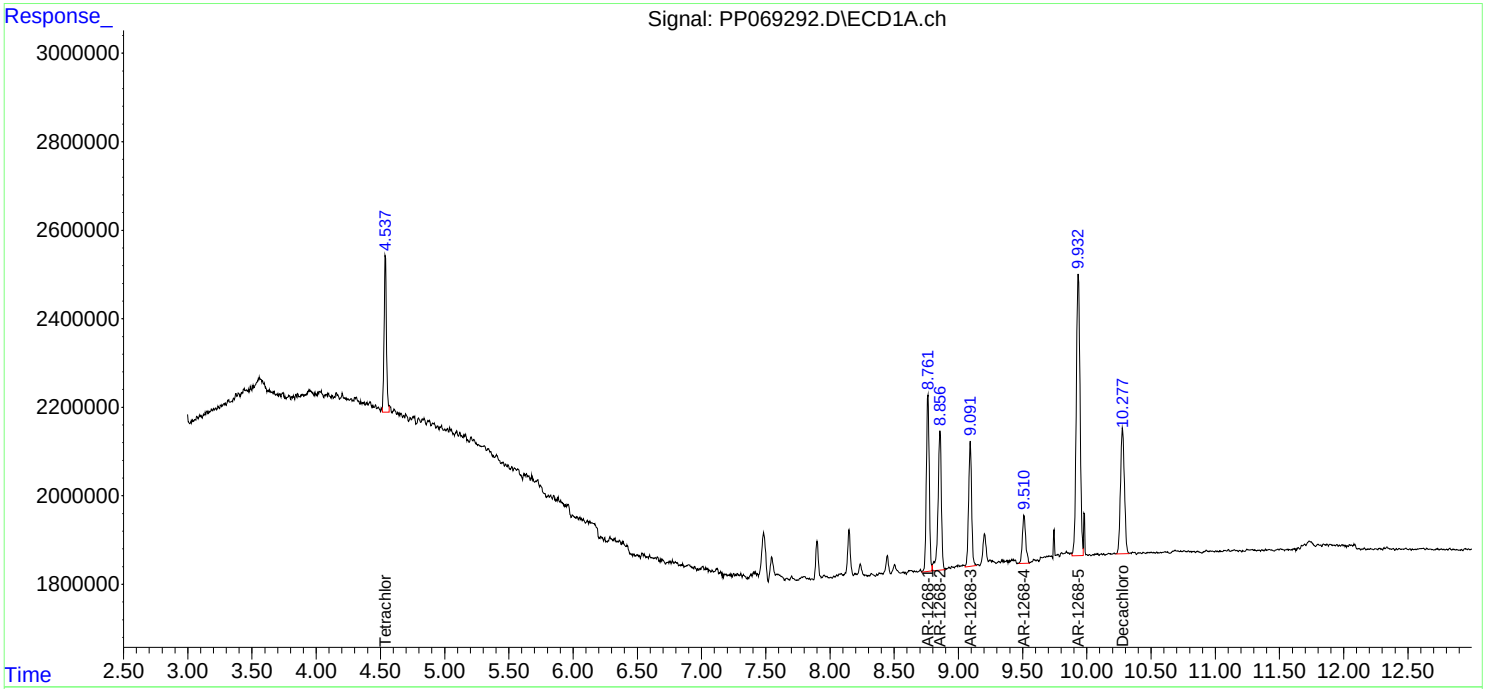
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

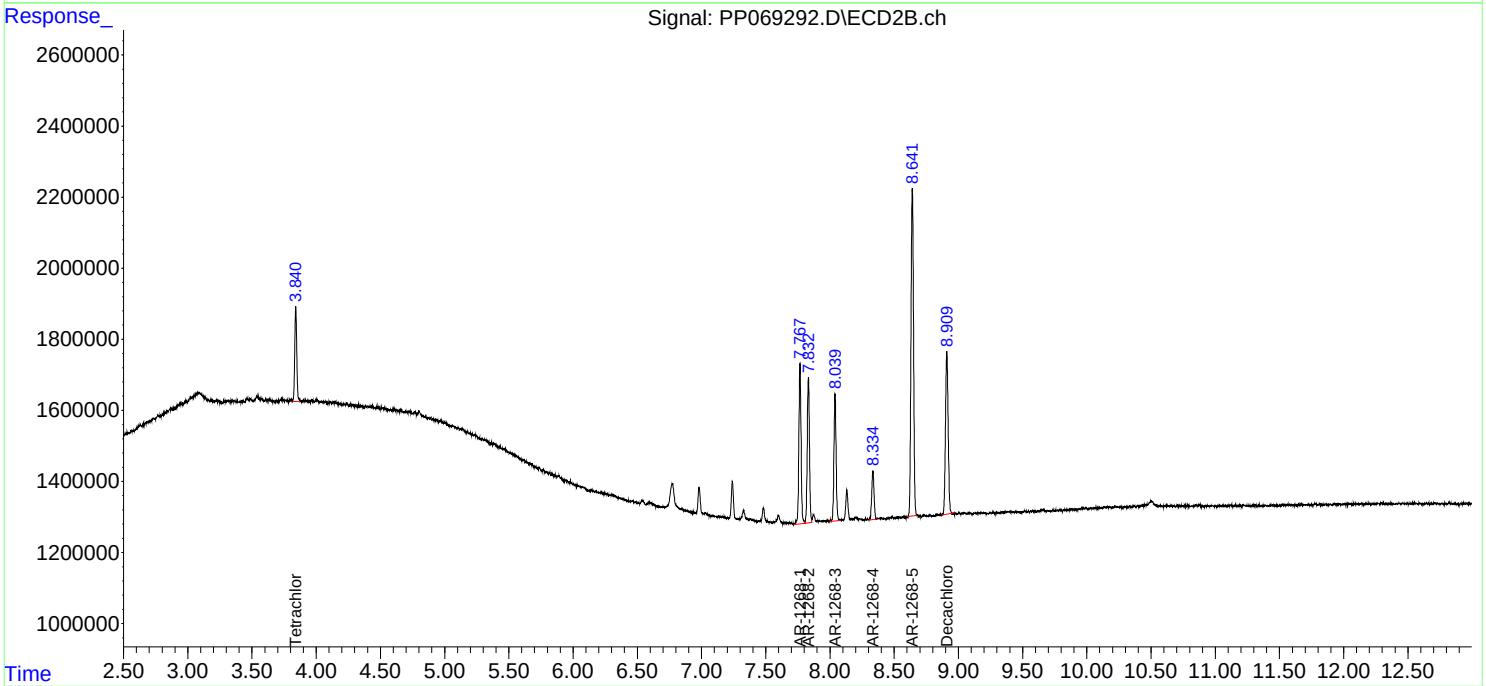
Manual Integrations APPROVED

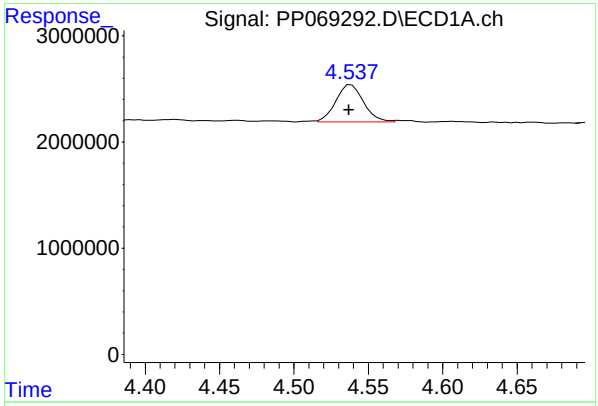
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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







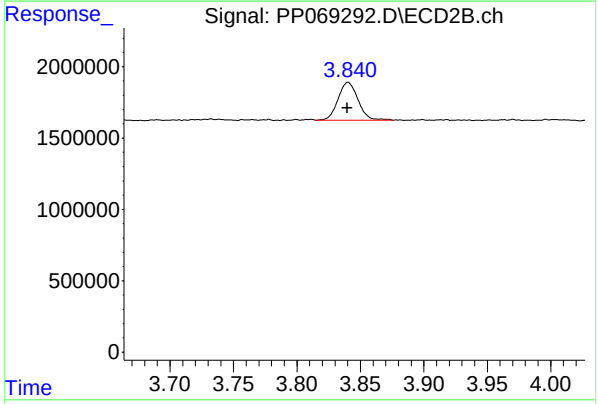
#1 Tetrachloro-m-xylene

R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 4537630
Conc: 3.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

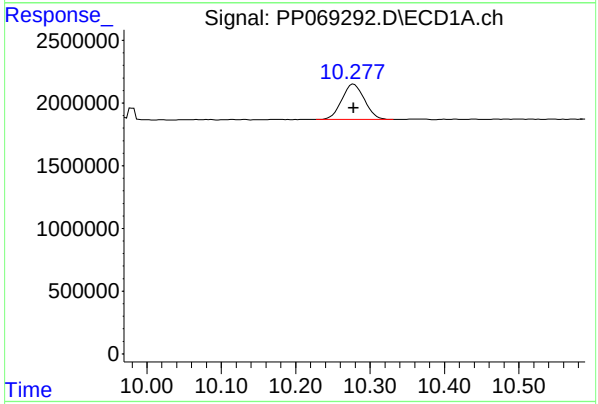
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



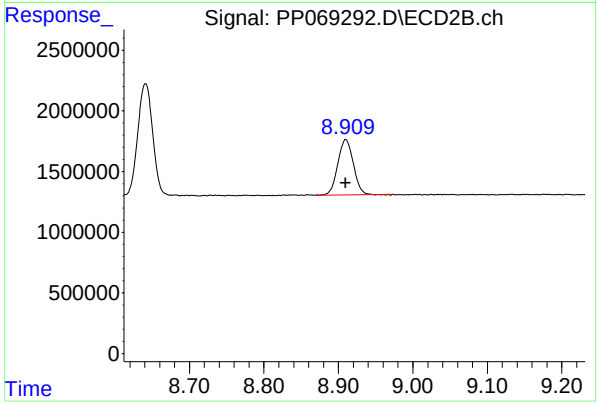
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 2929843
Conc: 3.28 ng/ml m



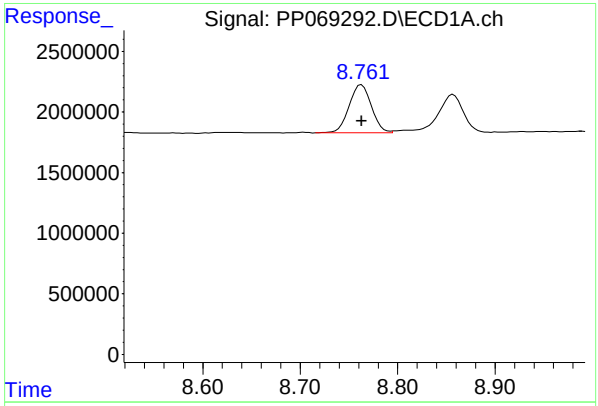
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5979560
Conc: 3.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 6573940
Conc: 3.77 ng/ml



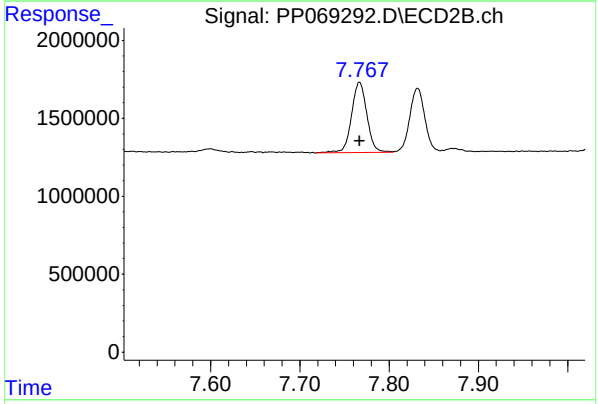
#41 AR-1268-1

R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 6295775
Conc: 35.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

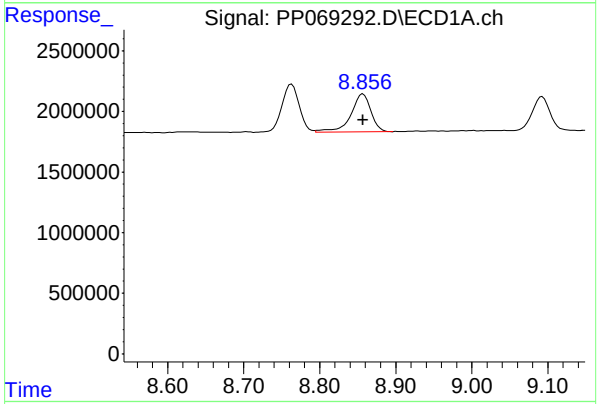
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



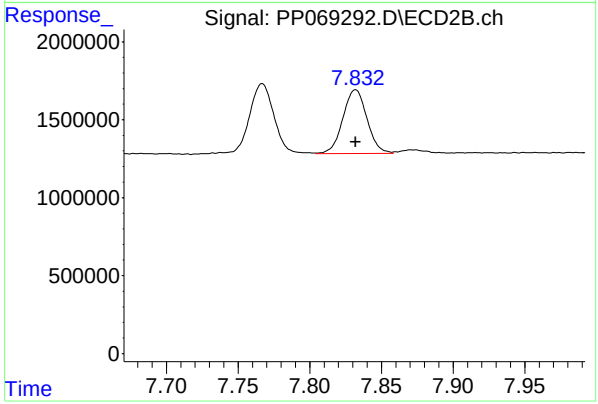
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 5422252
Conc: 37.36 ng/ml



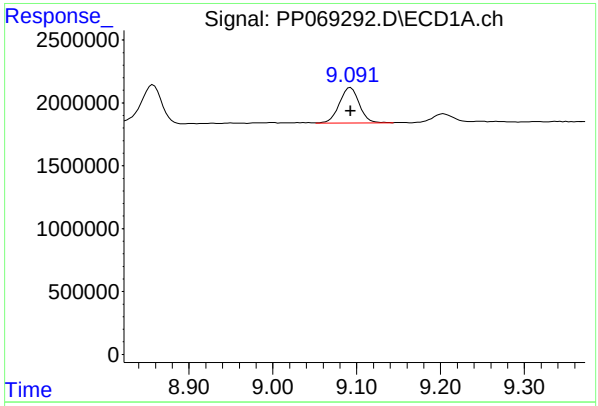
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 5727609
Conc: 36.40 ng/ml



#42 AR-1268-2

R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 4780082
Conc: 35.99 ng/ml



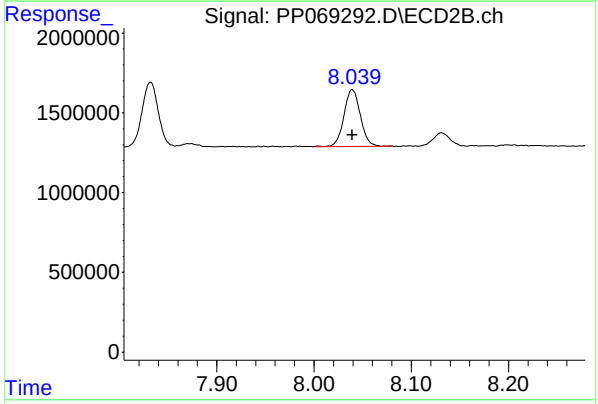
#43 AR-1268-3

R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 4626946
Conc: 34.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

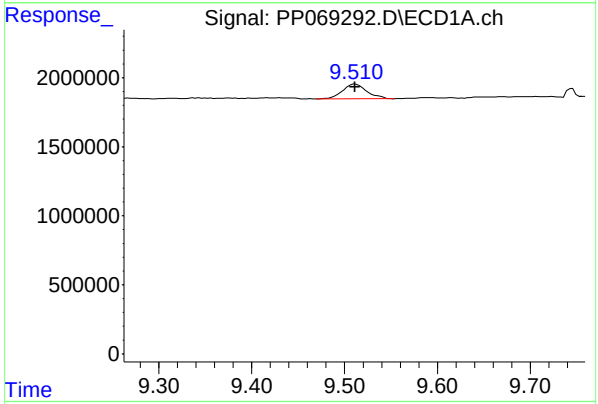
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



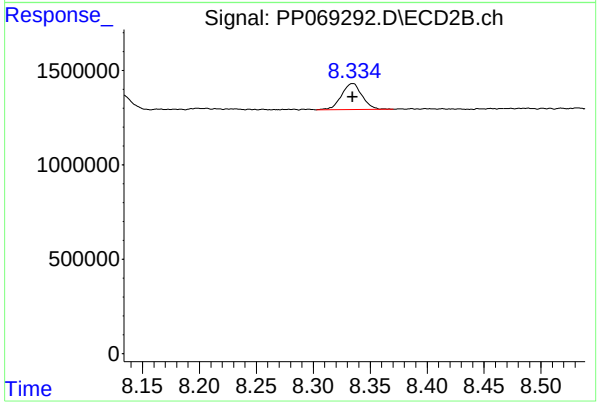
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 4204668
Conc: 36.97 ng/ml



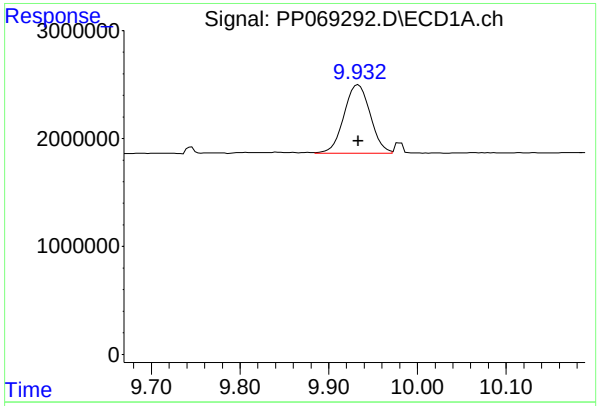
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 1957538
Conc: 33.34 ng/ml



#44 AR-1268-4

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 1726940
Conc: 33.16 ng/ml



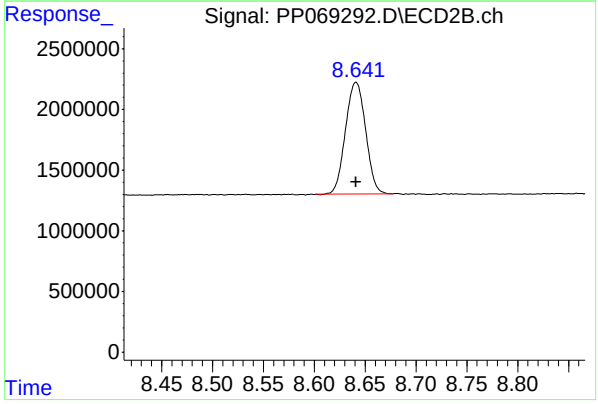
#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 13066763
Conc: 34.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 12717604
Conc: 35.71 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:47
Operator : YP\AJ
Sample : PP012825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.841	74230451	47659652	51.856	53.398
2)	SA Decachlor...	10.274	8.911	57553327	56187297	52.661	50.235
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.934	24061581	16845536	519.319	516.496
4)	L1 AR-1016-2	5.709	4.953	34728146	23100033	511.632	513.809
5)	L1 AR-1016-3	5.772	5.131	21101112	12951595	495.371	520.479
6)	L1 AR-1016-4	5.869	5.172	18055342	10646965	515.860	527.175
7)	L1 AR-1016-5	6.163	5.388	16717226	13663941	505.686	509.394
31)	L7 AR-1260-1	7.283	6.427	30214710	25313813	517.054	524.861
32)	L7 AR-1260-2	7.537	6.615	38414643	31274552	493.680	510.158
33)	L7 AR-1260-3	7.896	6.770	31738047	29037300	507.652	482.697
34)	L7 AR-1260-4	8.120	7.244	33029814	24263249	500.628	522.153
35)	L7 AR-1260-5	8.443	7.483	66012339	57109170	504.196	513.825

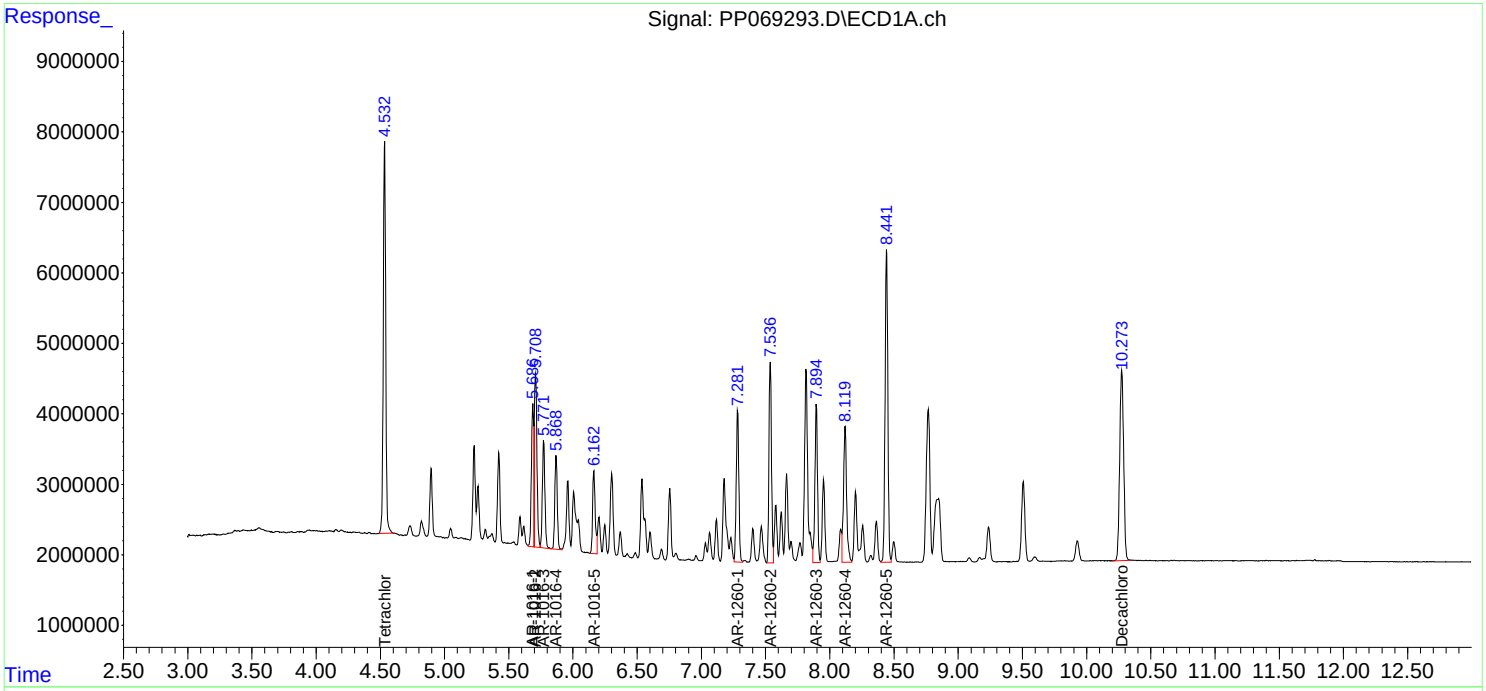
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

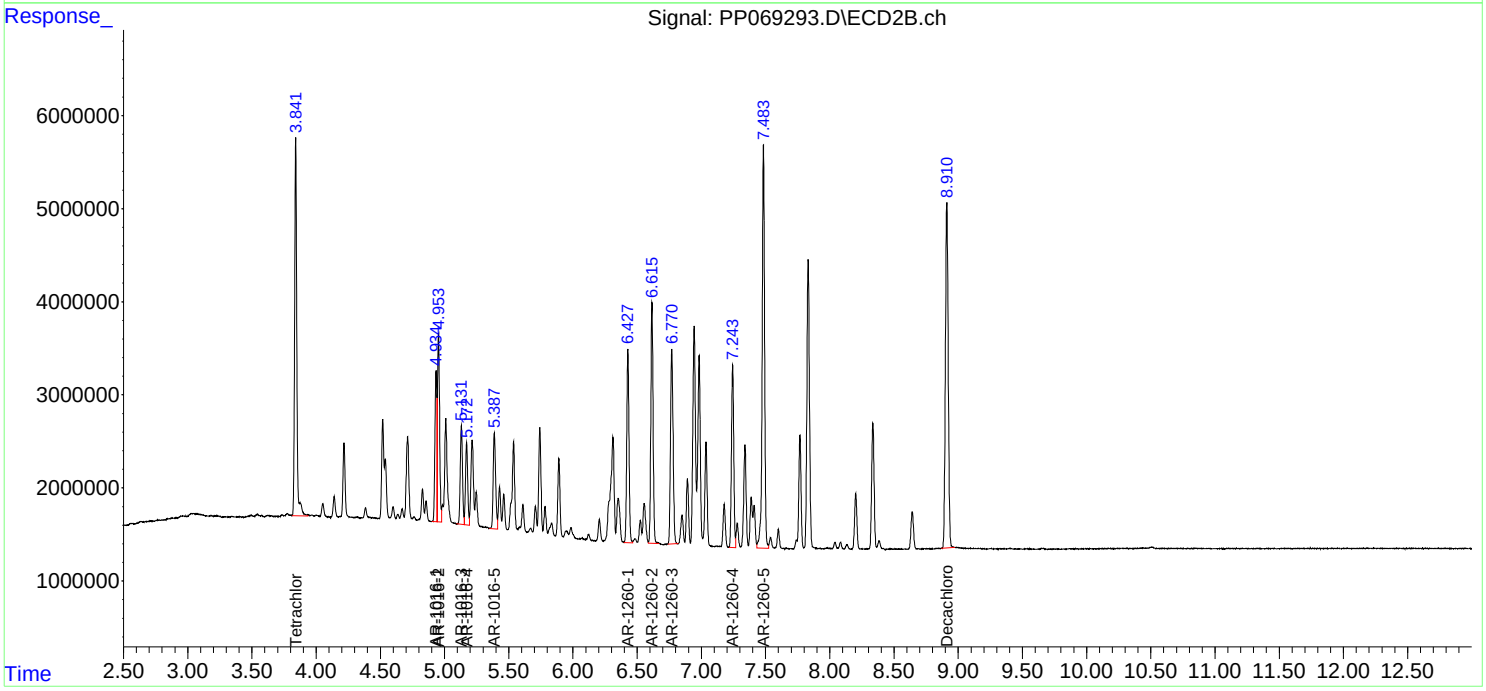
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:47
Operator : YP\AJ
Sample : PP012825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

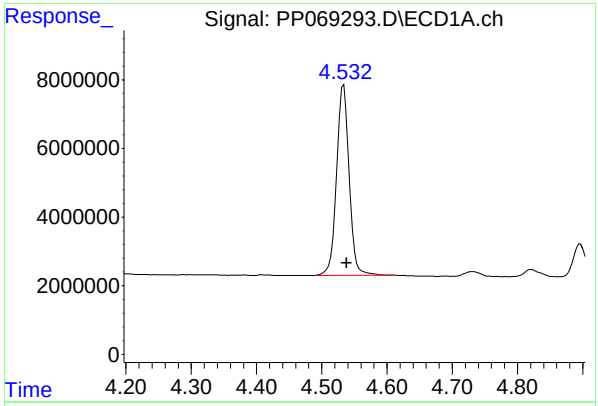
Instrument :
ECD_P
ClientSampleId :
ICVPP012825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



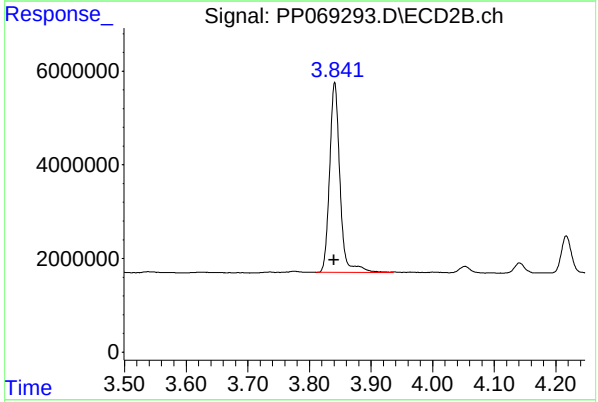




#1 Tetrachloro-m-xylene

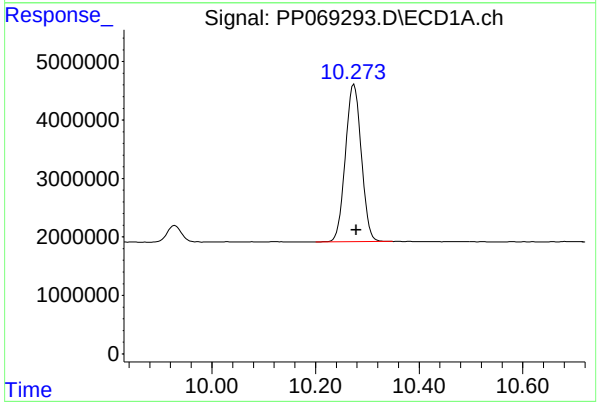
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 74230451
Conc: 51.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



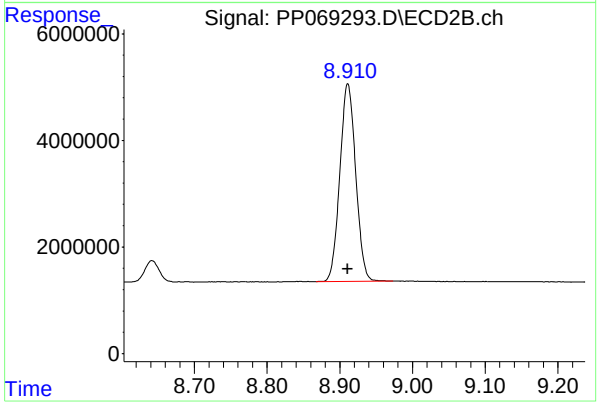
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.001 min
Response: 47659652
Conc: 53.40 ng/ml



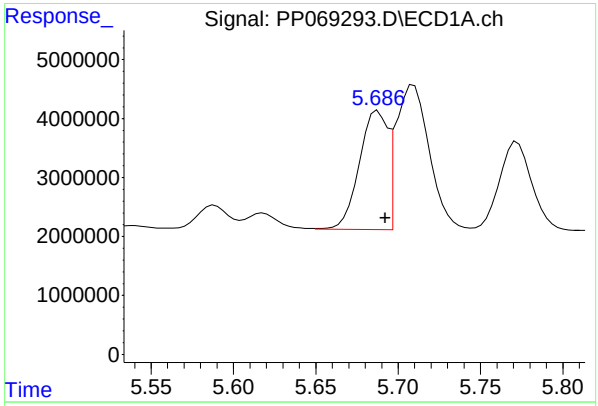
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: -0.004 min
Response: 57553327
Conc: 52.66 ng/ml



#2 Decachlorobiphenyl

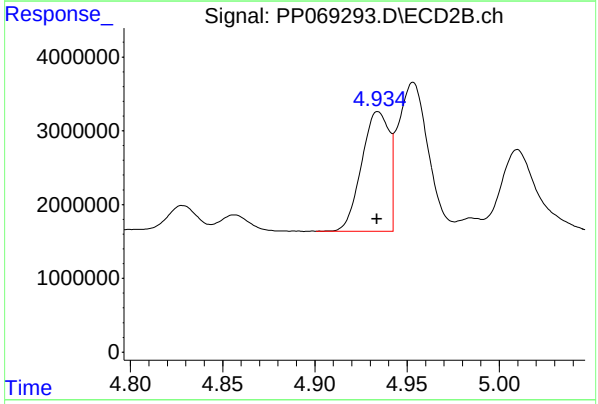
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 56187297
Conc: 50.24 ng/ml



#3 AR-1016-1

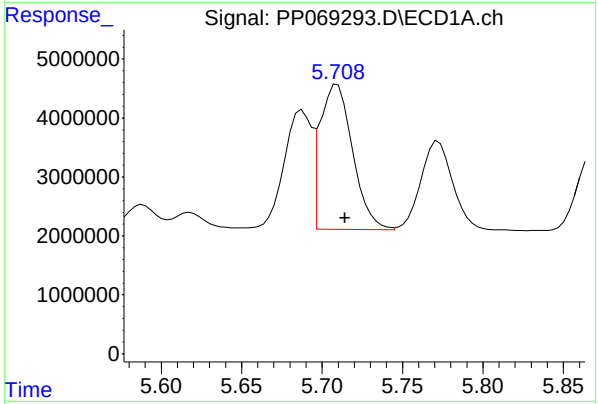
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 24061581
Conc: 519.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



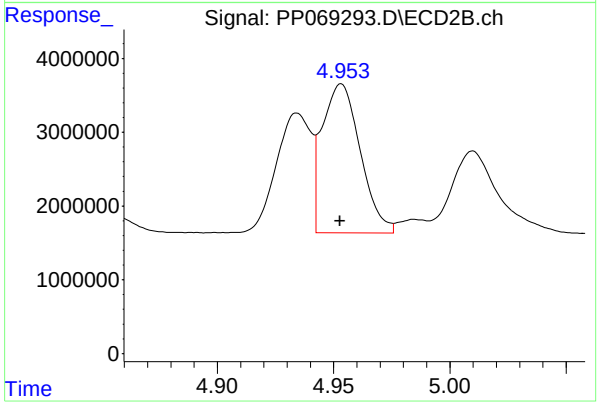
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 16845536
Conc: 516.50 ng/ml



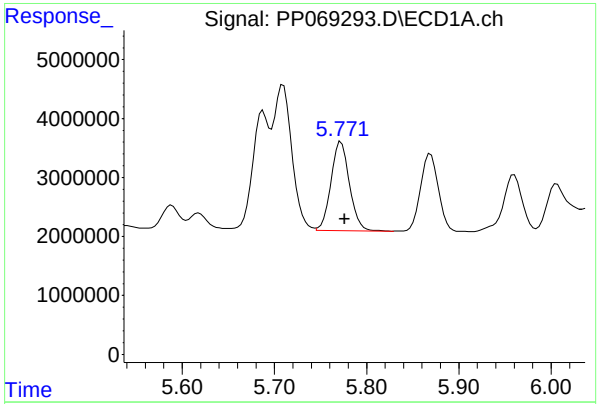
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 34728146
Conc: 511.63 ng/ml



#4 AR-1016-2

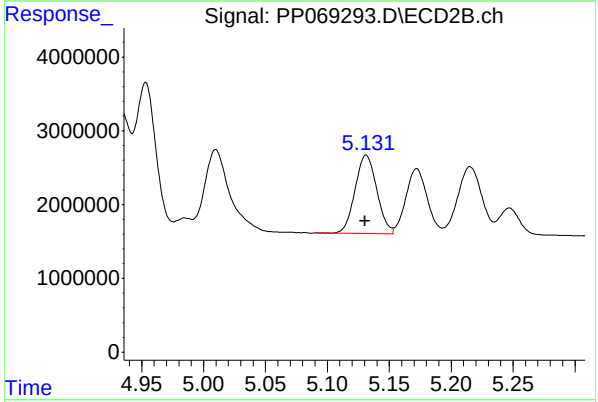
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 23100033
Conc: 513.81 ng/ml



#5 AR-1016-3

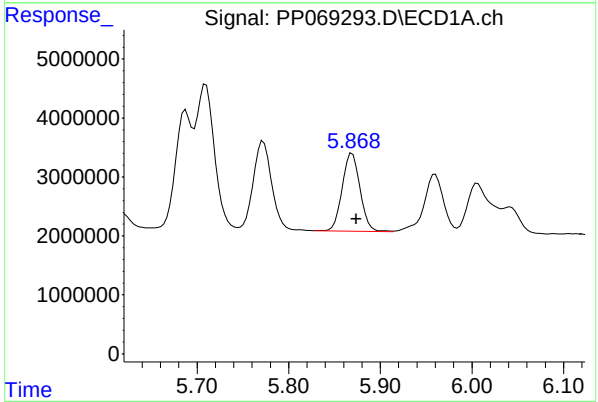
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 21101112
Conc: 495.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



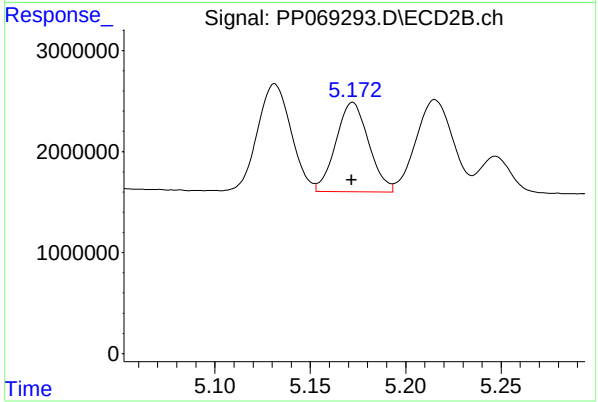
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 12951595
Conc: 520.48 ng/ml



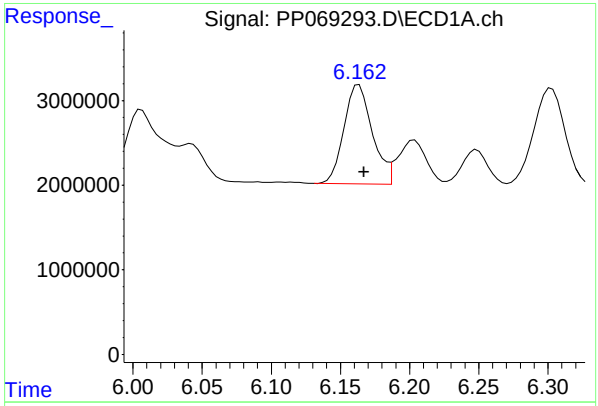
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: -0.005 min
Response: 18055342
Conc: 515.86 ng/ml



#6 AR-1016-4

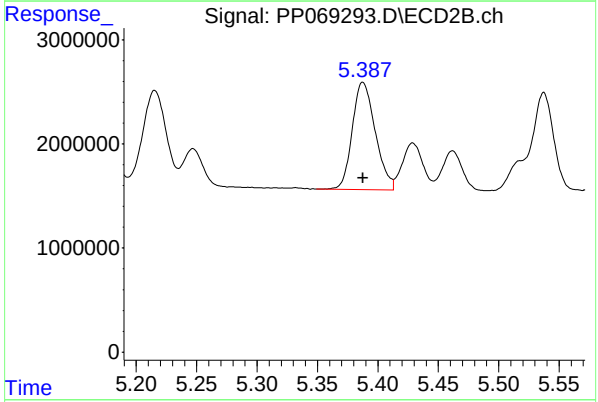
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10646965
Conc: 527.17 ng/ml



#7 AR-1016-5

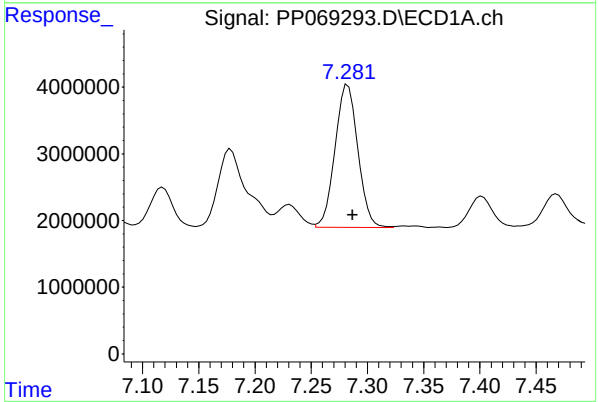
R.T.: 6.163 min
Delta R.T.: -0.004 min
Response: 16717226
Conc: 505.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



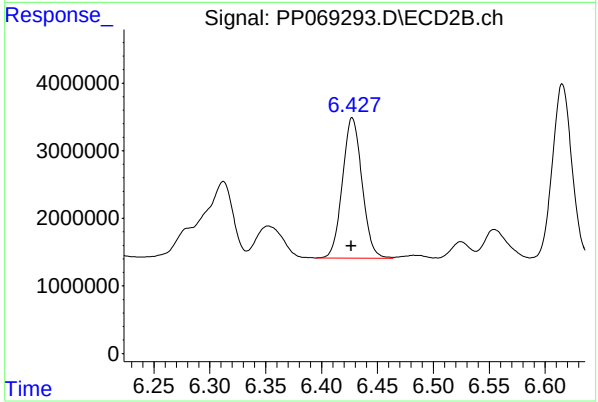
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 13663941
Conc: 509.39 ng/ml



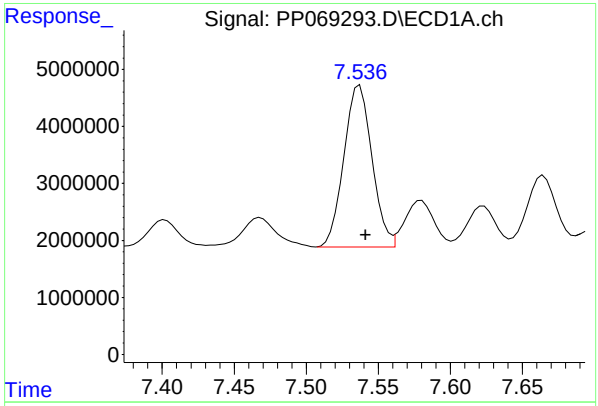
#31 AR-1260-1

R.T.: 7.283 min
Delta R.T.: -0.004 min
Response: 30214710
Conc: 517.05 ng/ml



#31 AR-1260-1

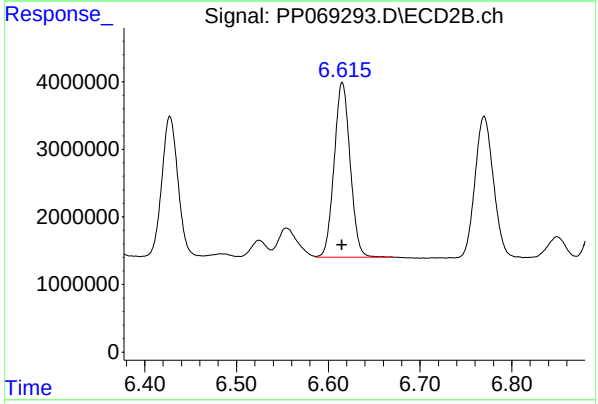
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 25313813
Conc: 524.86 ng/ml



#32 AR-1260-2

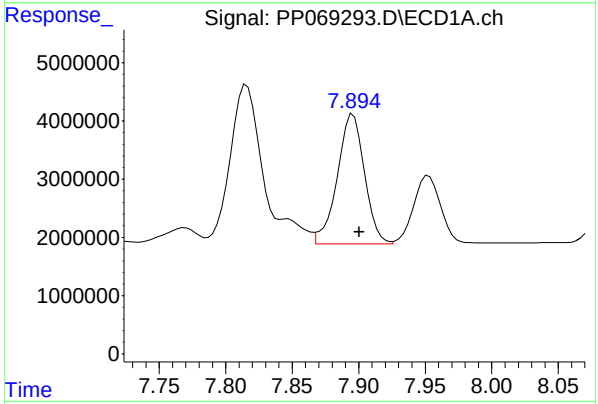
R.T.: 7.537 min
Delta R.T.: -0.004 min
Response: 38414643
Conc: 493.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



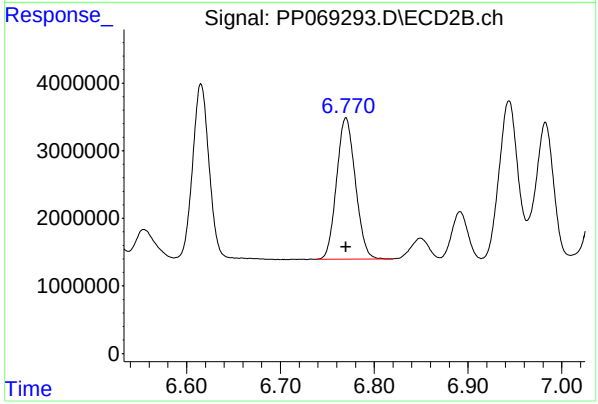
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 31274552
Conc: 510.16 ng/ml



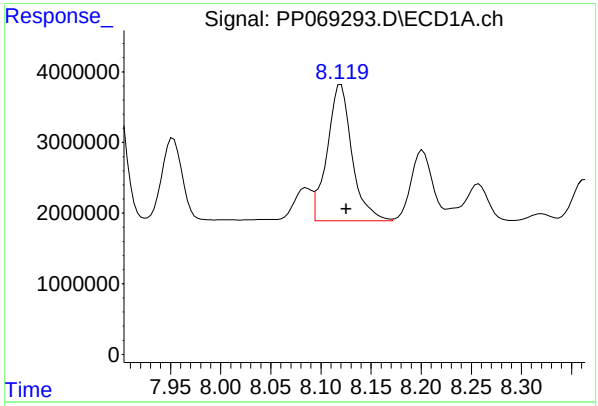
#33 AR-1260-3

R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 31738047
Conc: 507.65 ng/ml



#33 AR-1260-3

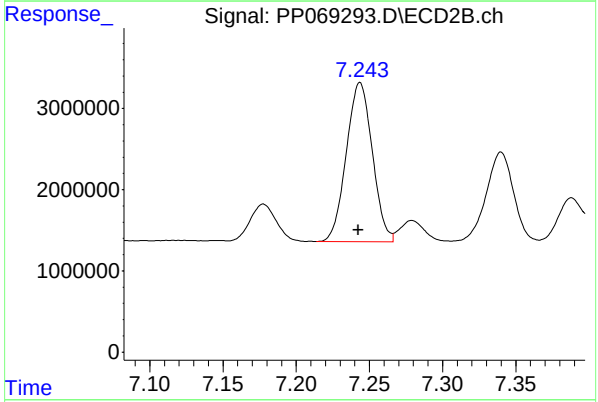
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 29037300
Conc: 482.70 ng/ml



#34 AR-1260-4

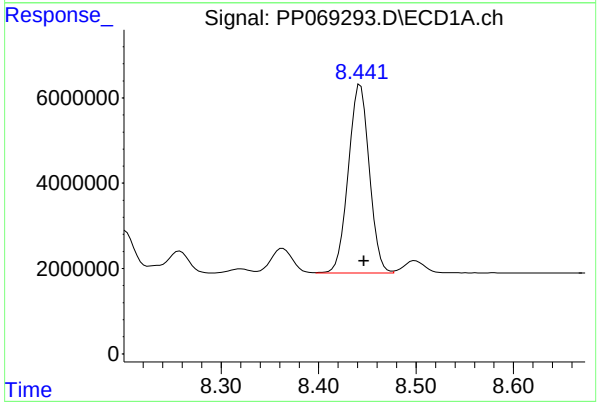
R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 33029814
Conc: 500.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



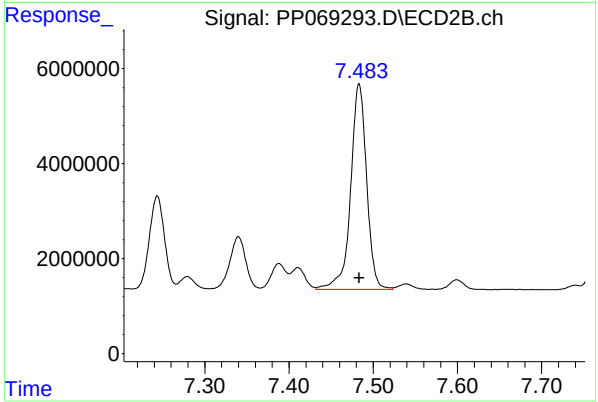
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.001 min
Response: 24263249
Conc: 522.15 ng/ml



#35 AR-1260-5

R.T.: 8.443 min
Delta R.T.: -0.004 min
Response: 66012339
Conc: 504.20 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 57109170
Conc: 513.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:03
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 18:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.840	73528508	45074660	51.365	50.502
2)	SA Decachlor...	10.279	8.910	55006808	53974487	50.331	48.257
	Target Compounds						
16)	L4 AR-1242-1	5.692	4.933	19485743	14591085	467.225	506.072
17)	L4 AR-1242-2	5.714	4.952	30104171	19350019	510.319	491.145
18)	L4 AR-1242-3	5.777	5.131	18082829	11274965	487.426	501.019
19)	L4 AR-1242-4	5.874	5.215	15605992	10907868	475.870	505.409
20)	L4 AR-1242-5	6.605	5.741	17080730	14269255	524.201	496.005

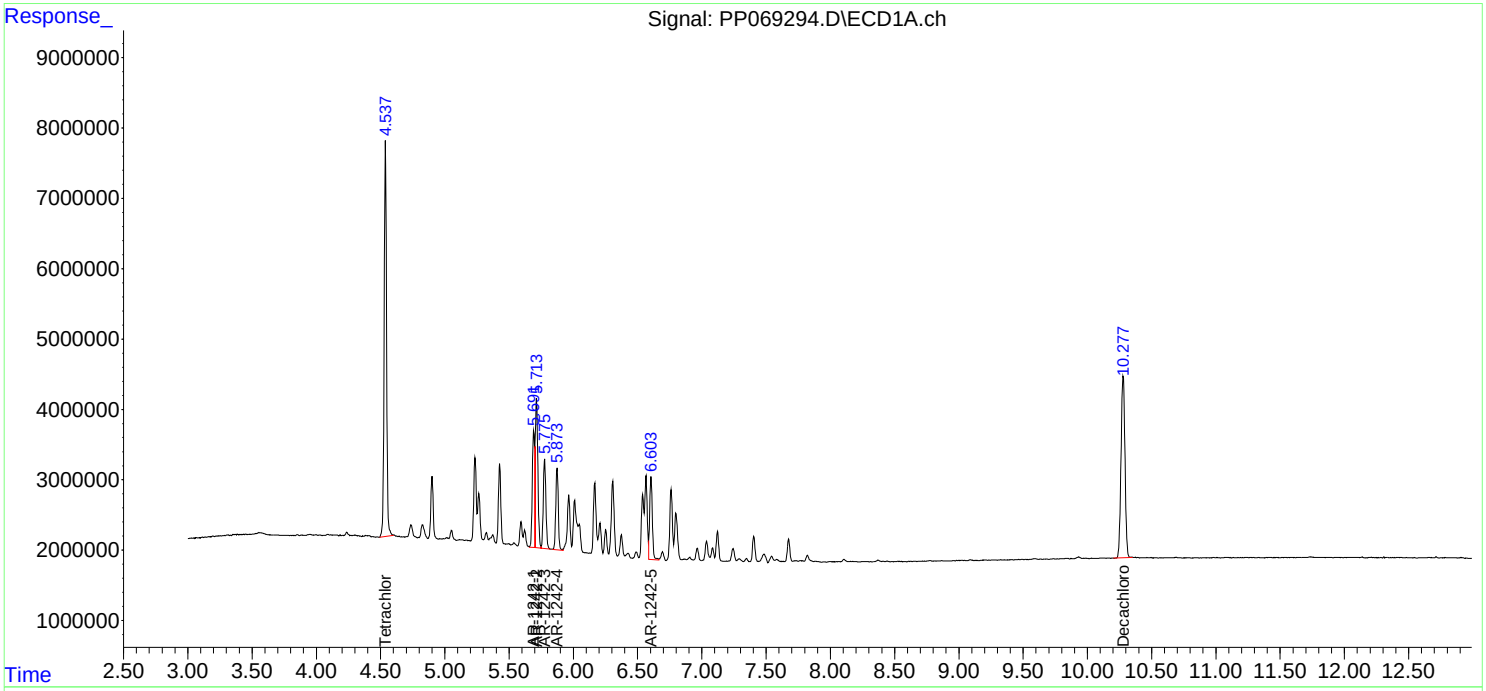
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

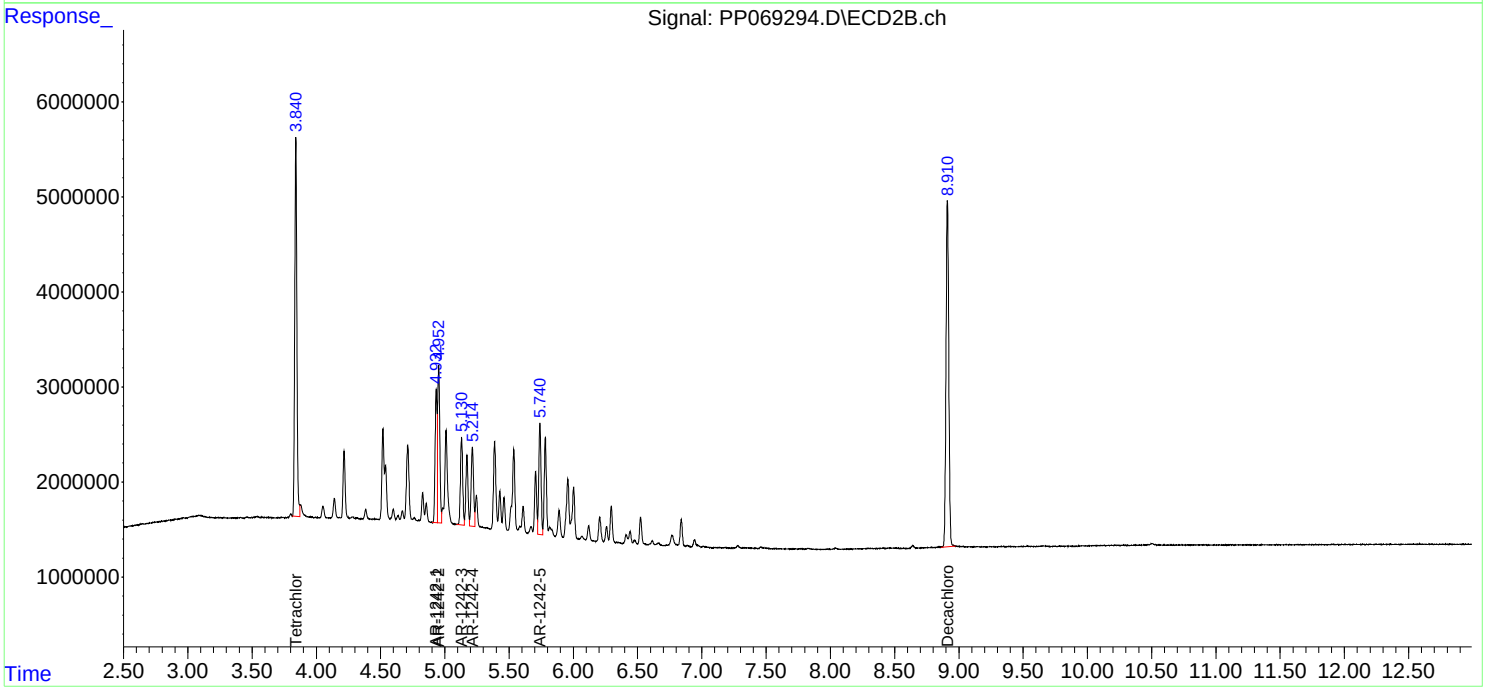
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:03
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

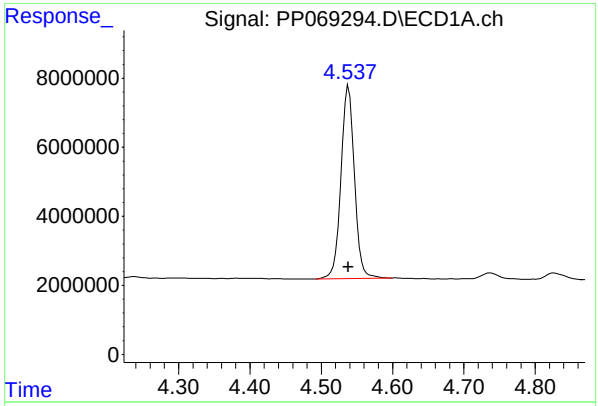
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 18:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



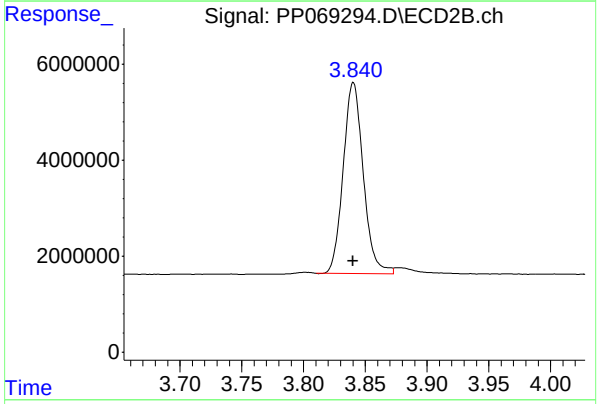




#1 Tetrachloro-m-xylene

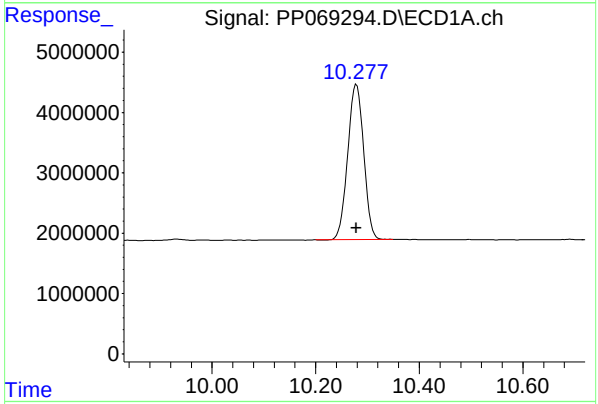
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 73528508
Conc: 51.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



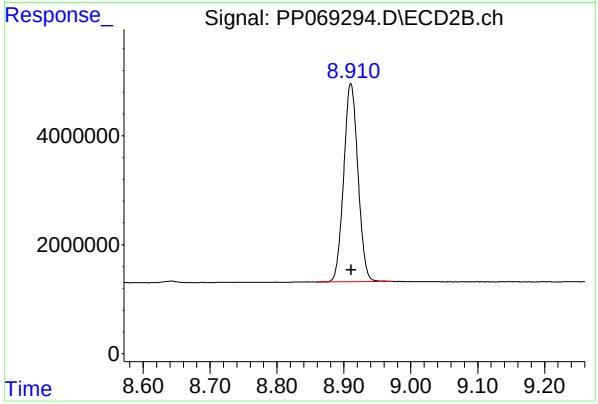
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 45074660
Conc: 50.50 ng/ml



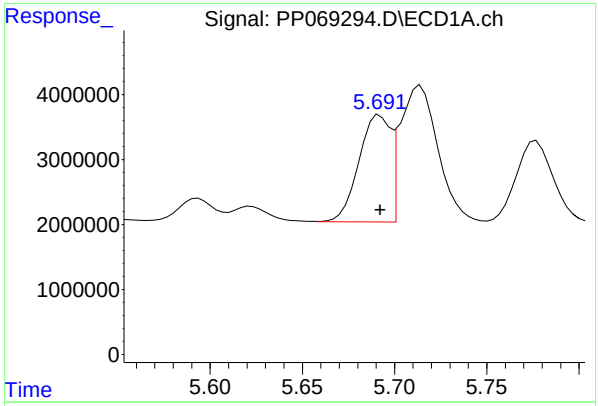
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 55006808
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

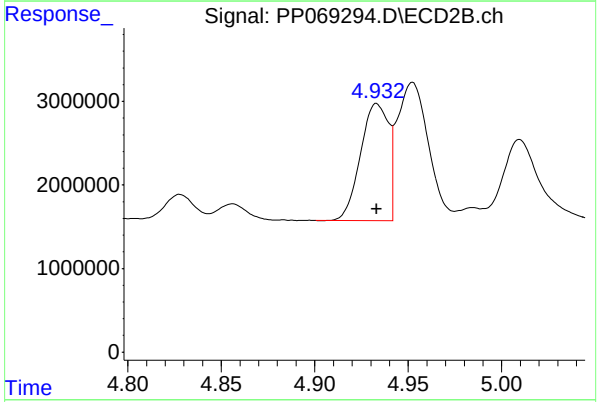
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 53974487
Conc: 48.26 ng/ml



#16 AR-1242-1

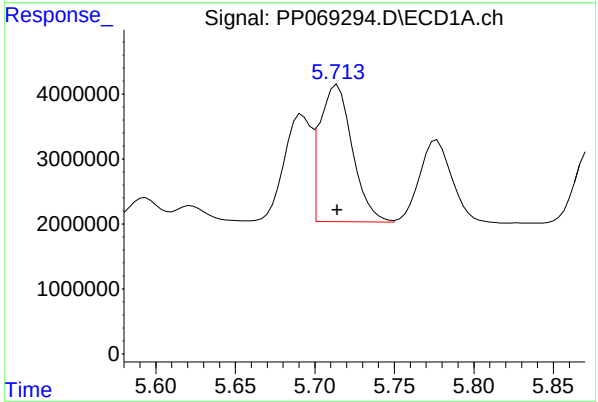
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 19485743
Conc: 467.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



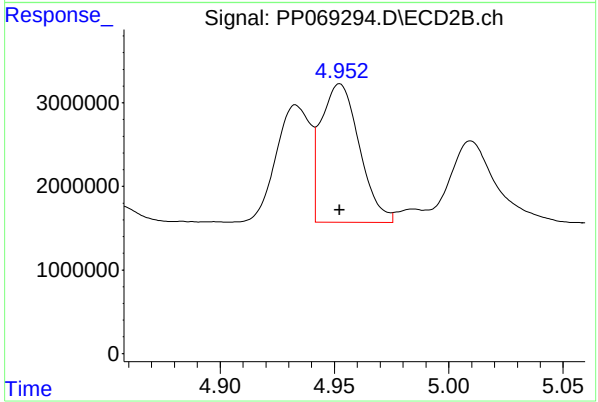
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 14591085
Conc: 506.07 ng/ml



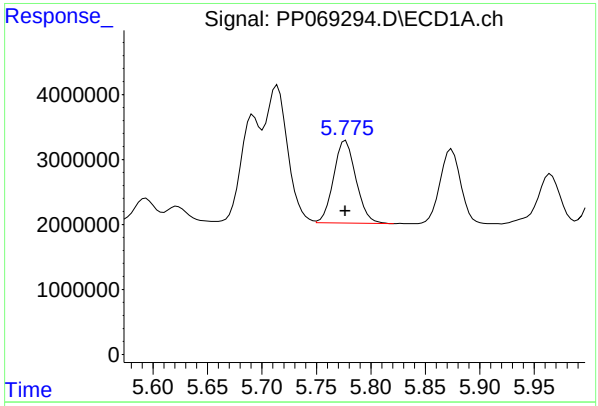
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 30104171
Conc: 510.32 ng/ml



#17 AR-1242-2

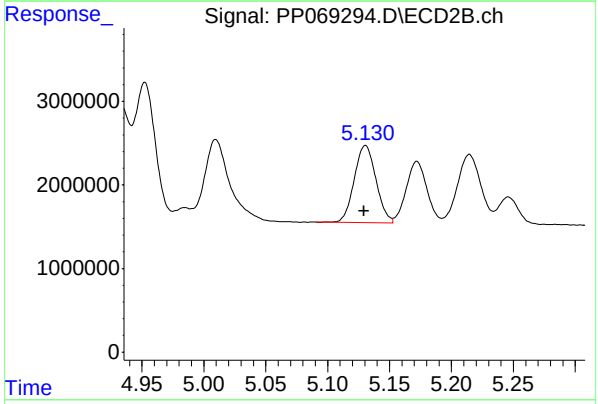
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 19350019
Conc: 491.15 ng/ml



#18 AR-1242-3

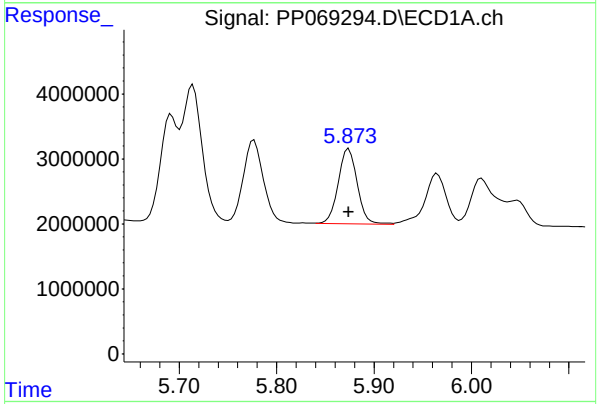
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 18082829
Conc: 487.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



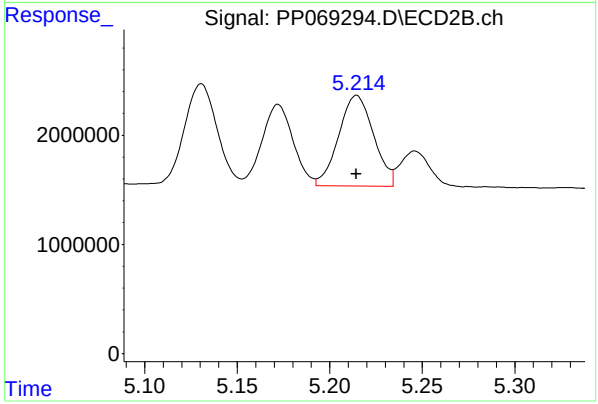
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 11274965
Conc: 501.02 ng/ml



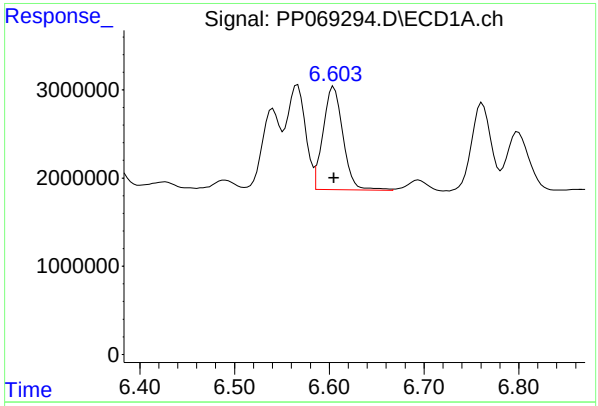
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 15605992
Conc: 475.87 ng/ml



#19 AR-1242-4

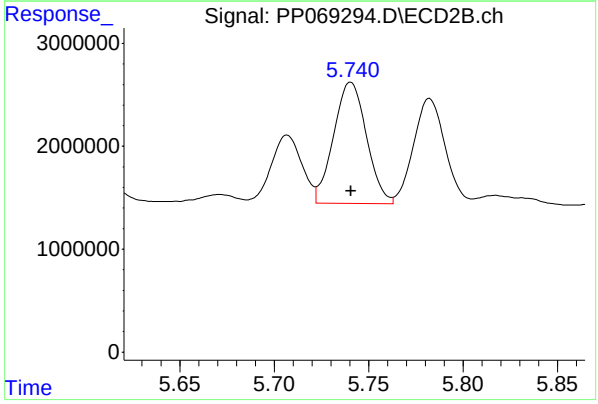
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 10907868
Conc: 505.41 ng/ml



#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 17080730
Conc: 524.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 14269255
Conc: 496.01 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:19
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.840	73116696	46870709	51.078	52.514
2)	SA Decachlor...	10.276	8.911	54874423	54998654	50.210	49.172
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	15598439	11058451	480.854	502.416
22)	L5 AR-1248-2	5.962	5.171	21644853	14938470	509.934	496.879
23)	L5 AR-1248-3	6.165	5.214	23663172	15456967	503.609	498.865
24)	L5 AR-1248-4	6.564	5.387	28089077	18100081	509.587	489.937
25)	L5 AR-1248-5	6.603	5.782	26798161	19153345	501.991	512.267

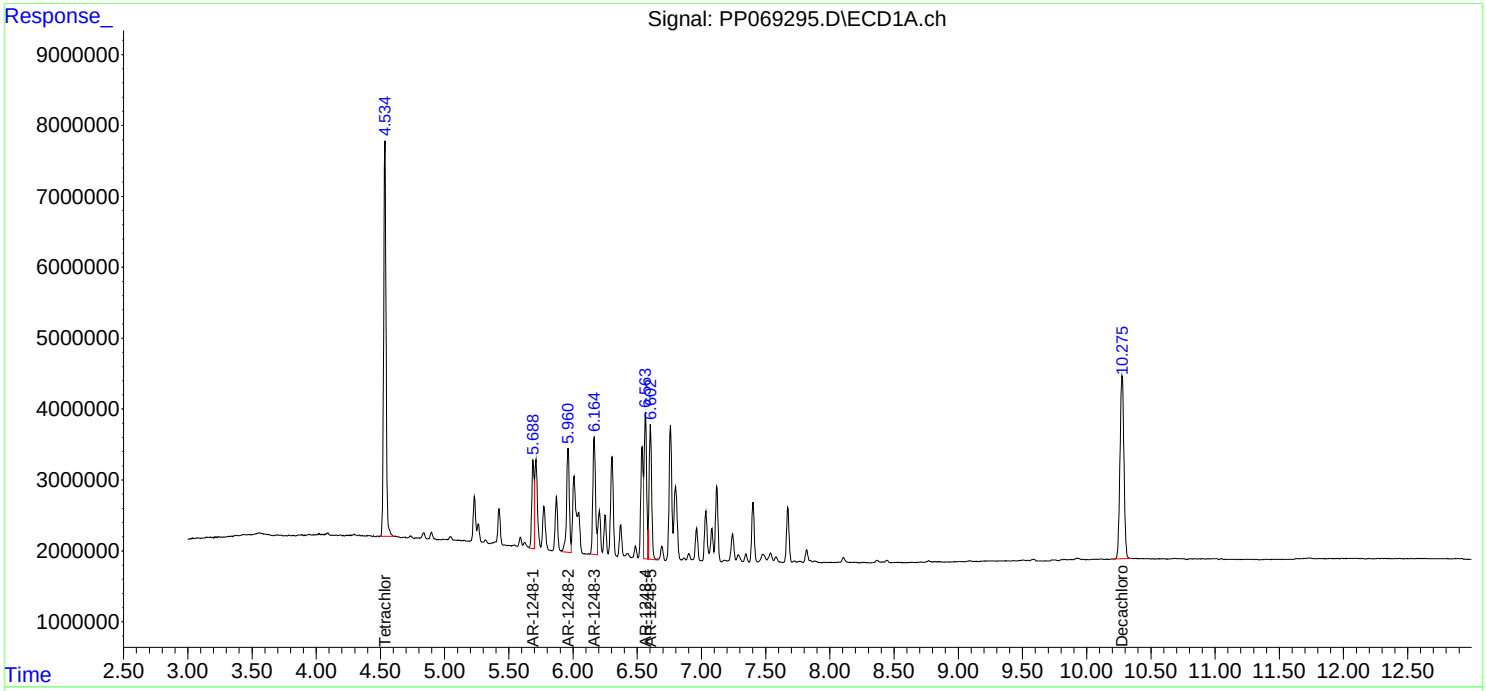
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

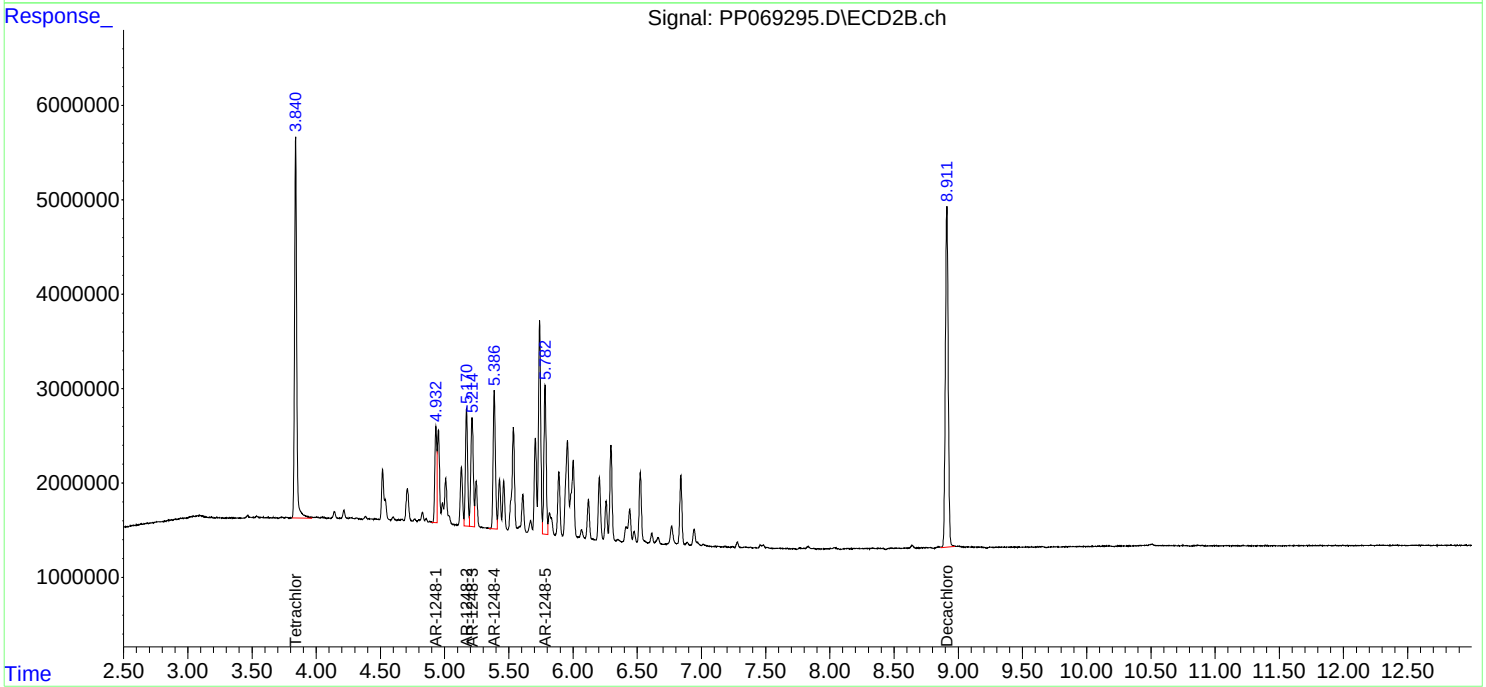
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:19
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

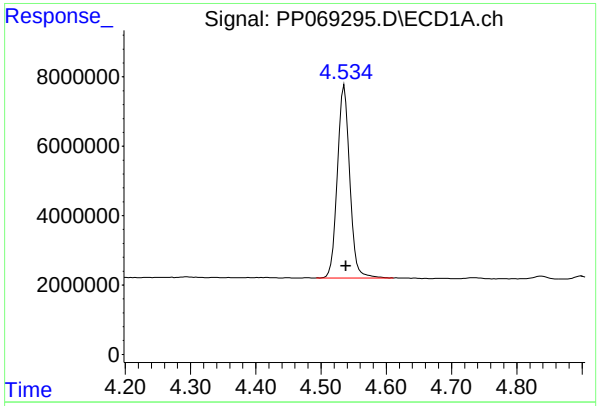
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



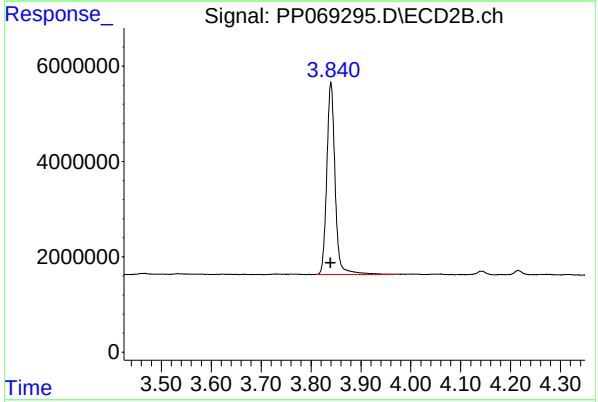




#1 Tetrachloro-m-xylene

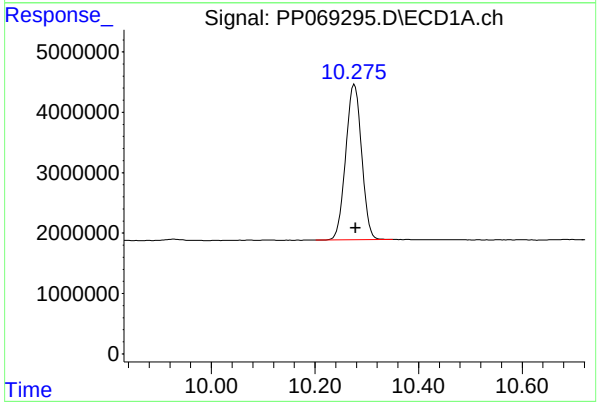
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 73116696
Conc: 51.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



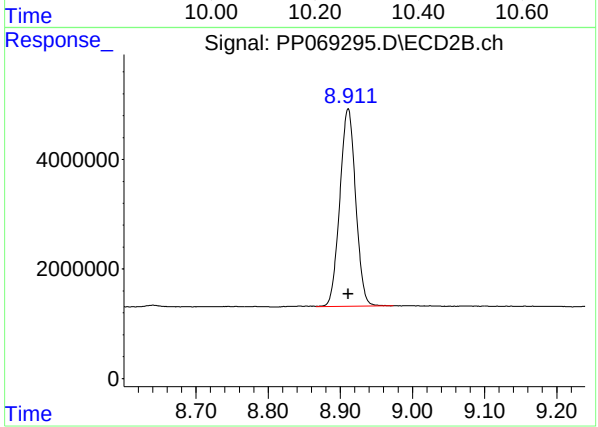
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46870709
Conc: 52.51 ng/ml



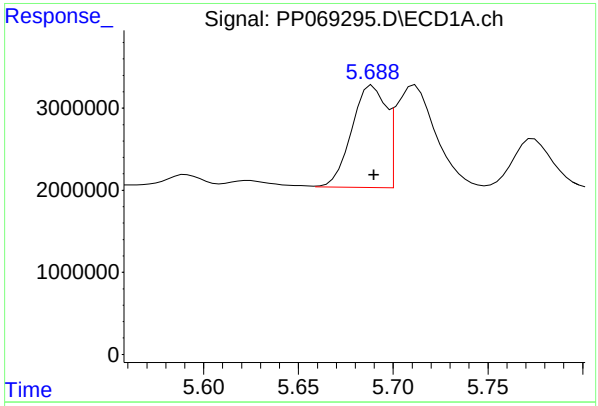
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.002 min
Response: 54874423
Conc: 50.21 ng/ml



#2 Decachlorobiphenyl

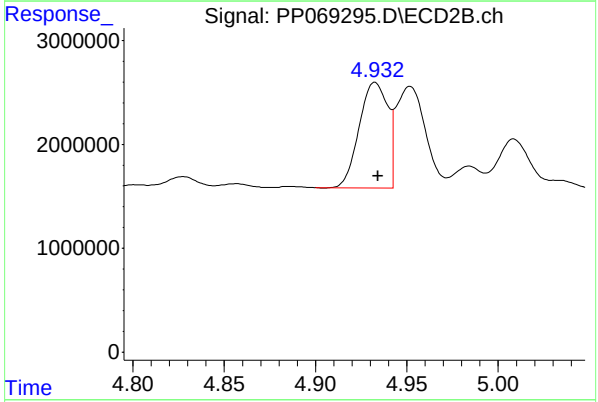
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 54998654
Conc: 49.17 ng/ml



#21 AR-1248-1

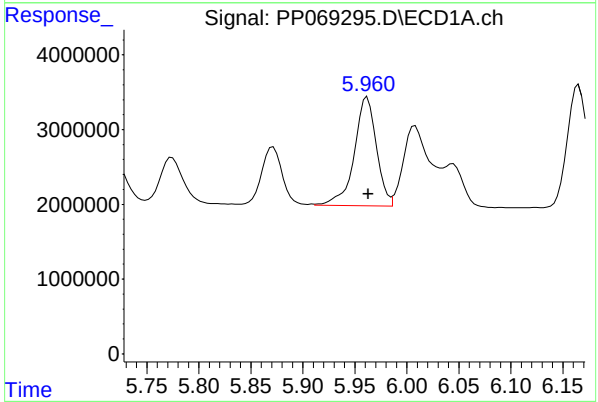
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 15598439
Conc: 480.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



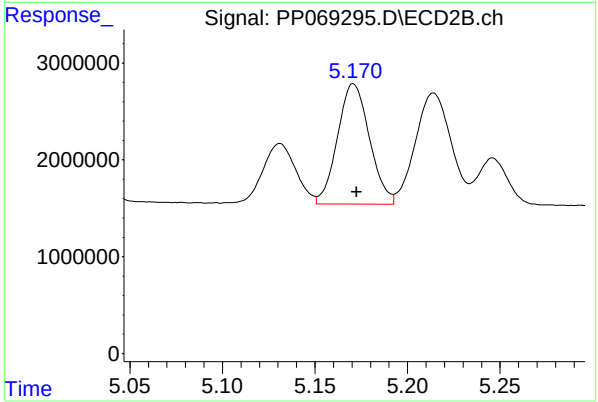
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 11058451
Conc: 502.42 ng/ml



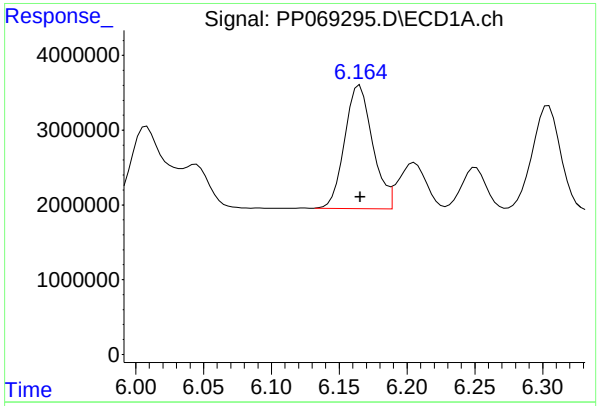
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 21644853
Conc: 509.93 ng/ml



#22 AR-1248-2

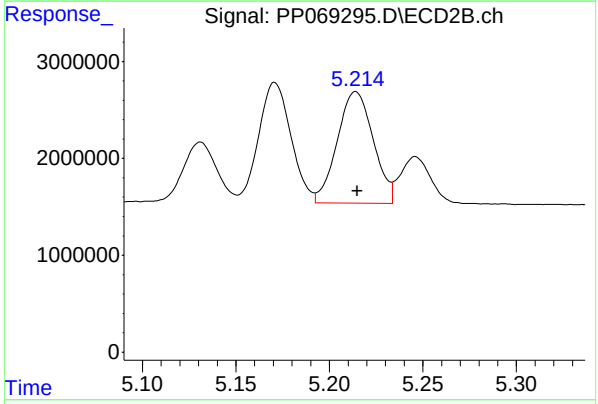
R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 14938470
Conc: 496.88 ng/ml



#23 AR-1248-3

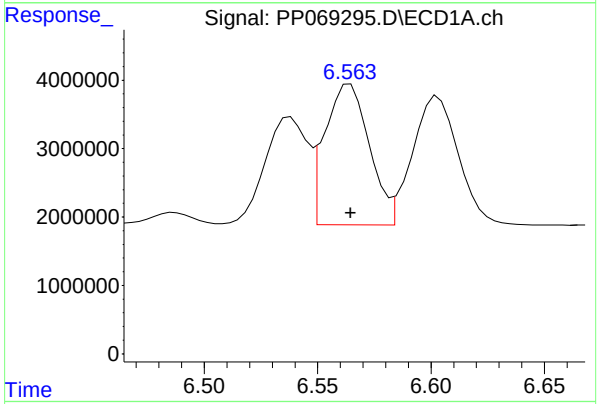
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 23663172
Conc: 503.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



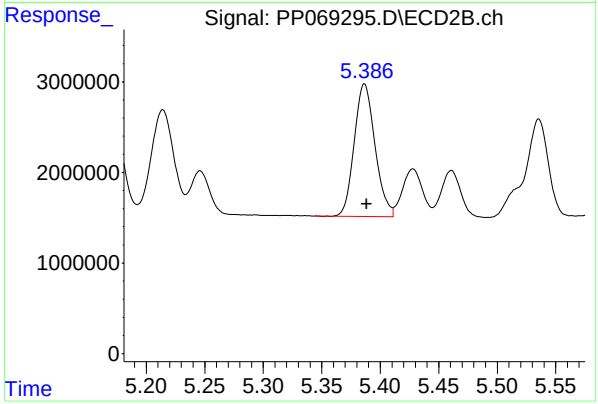
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 15456967
Conc: 498.86 ng/ml



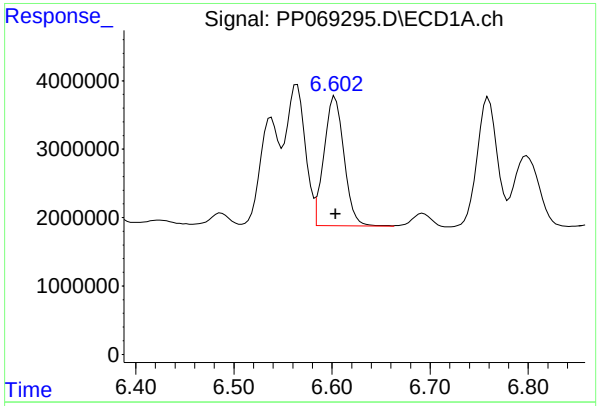
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 28089077
Conc: 509.59 ng/ml



#24 AR-1248-4

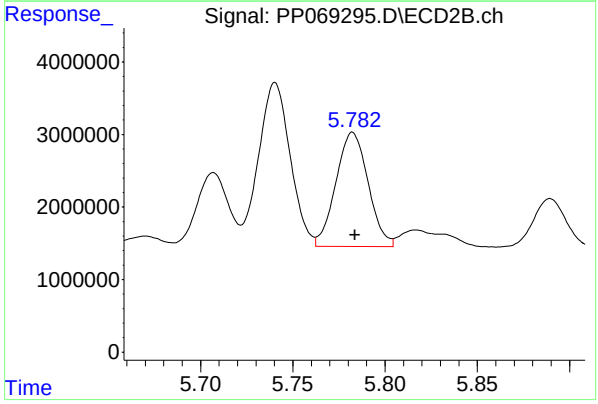
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 18100081
Conc: 489.94 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.000 mi
Response: 26798161
Conc: 501.99 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



#25 AR-1248-5

R.T.: 5.782 min
Delta R.T.: -0.001 min
Response: 19153345
Conc: 512.27 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:36
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.841	75219849	47633402	52.547	53.368
2)	SA Decachlor...	10.276	8.911	56766283	55190324	51.941	49.344
	Target Compounds						
26)	L6 AR-1254-1	6.540	5.742	28707670	28691321	496.126	521.132
27)	L6 AR-1254-2	6.756	5.890	41367594	25067661	515.536	518.261
28)	L6 AR-1254-3	7.119	6.296	42558996	39270545	504.921	517.425
29)	L6 AR-1254-4	7.401	6.524	34204619	25829239	501.623	503.988
30)	L6 AR-1254-5	7.819	6.944	35322701	34643725	519.099	520.485

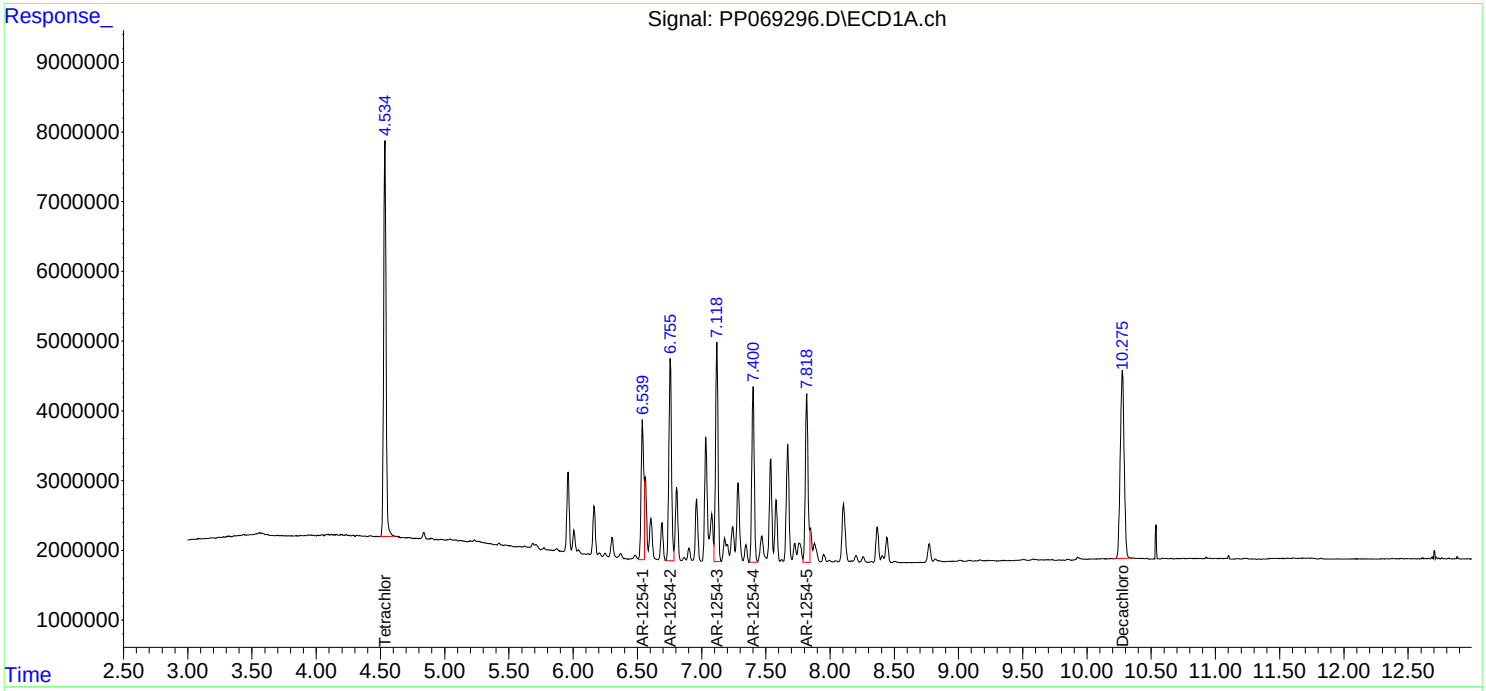
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

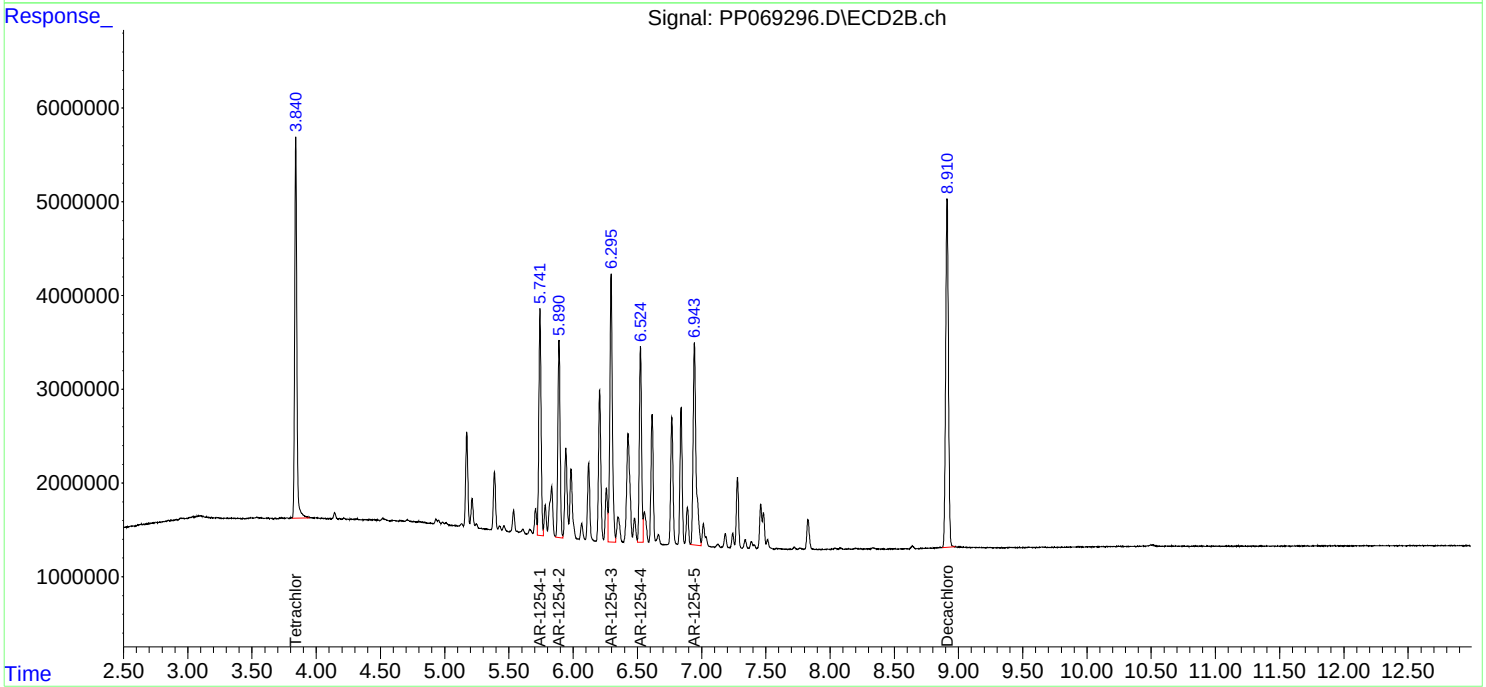
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:36
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

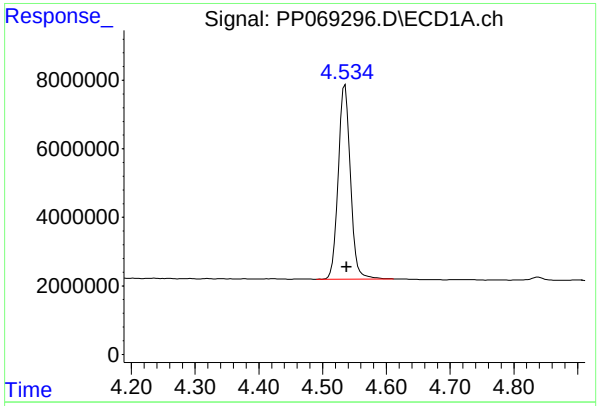
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



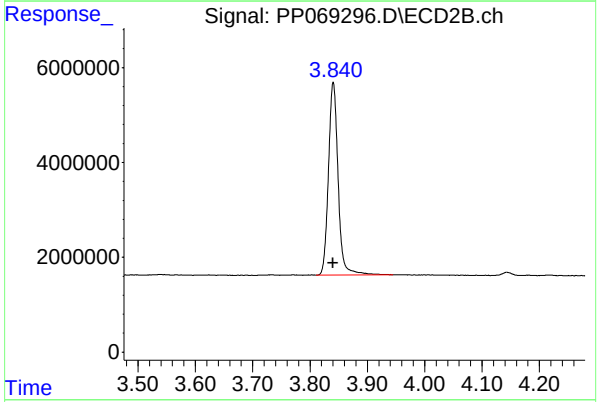




#1 Tetrachloro-m-xylene

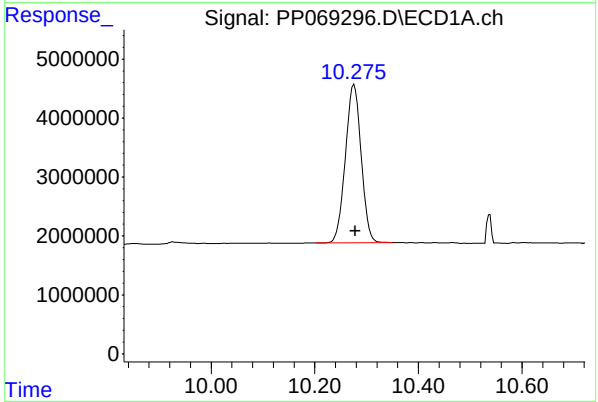
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 75219849
Conc: 52.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



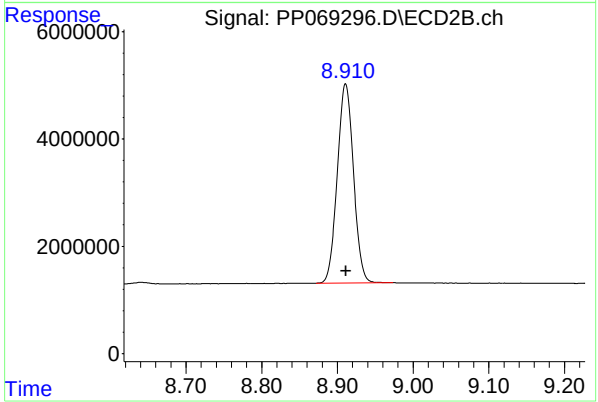
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 47633402
Conc: 53.37 ng/ml



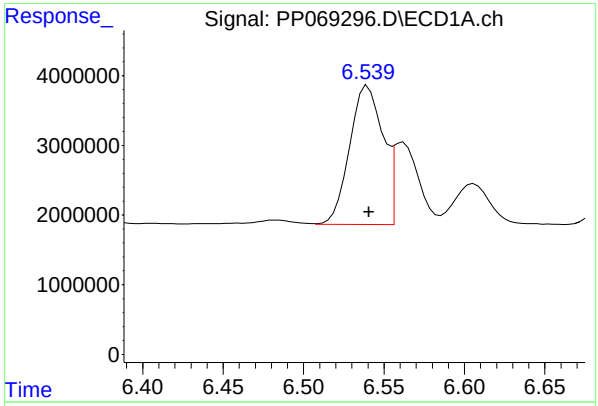
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.003 min
Response: 56766283
Conc: 51.94 ng/ml



#2 Decachlorobiphenyl

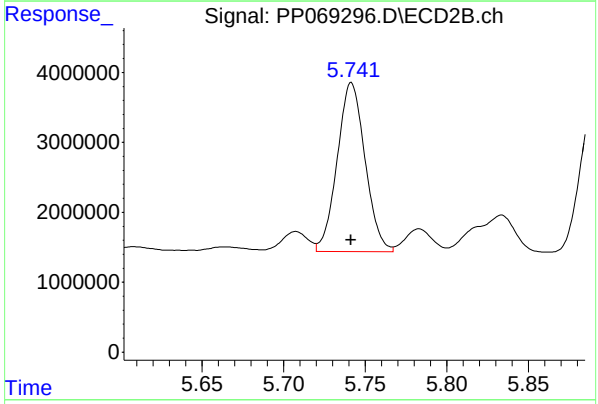
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 55190324
Conc: 49.34 ng/ml



#26 AR-1254-1

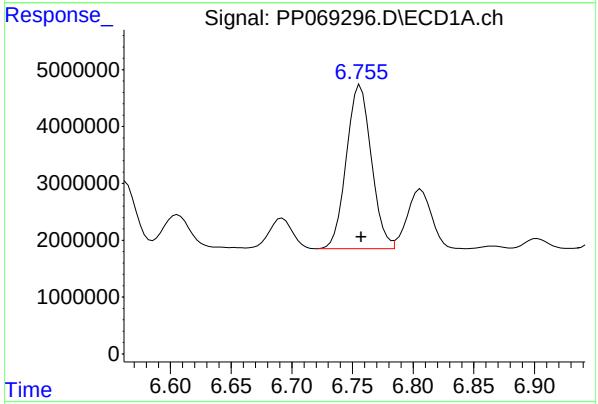
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 28707670
Conc: 496.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



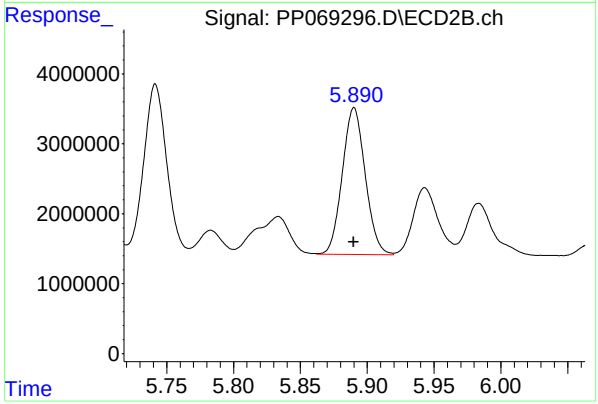
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 28691321
Conc: 521.13 ng/ml



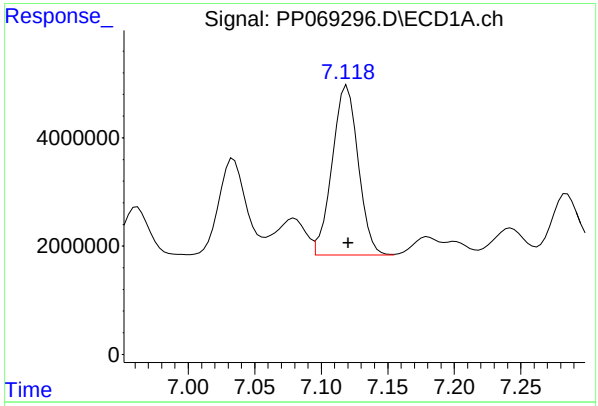
#27 AR-1254-2

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 41367594
Conc: 515.54 ng/ml



#27 AR-1254-2

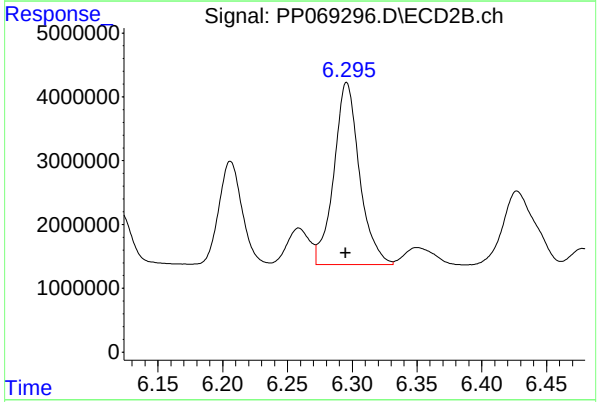
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 25067661
Conc: 518.26 ng/ml



#28 AR-1254-3

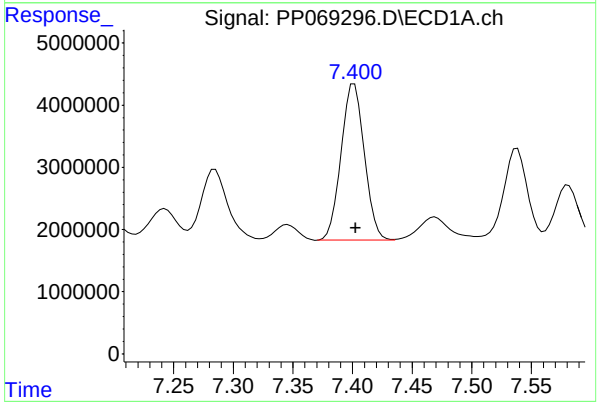
R.T.: 7.119 min
Delta R.T.: -0.001 min
Response: 42558996
Conc: 504.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



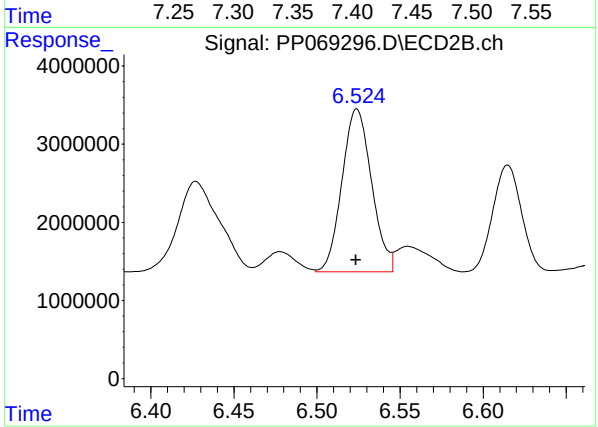
#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 39270545
Conc: 517.43 ng/ml



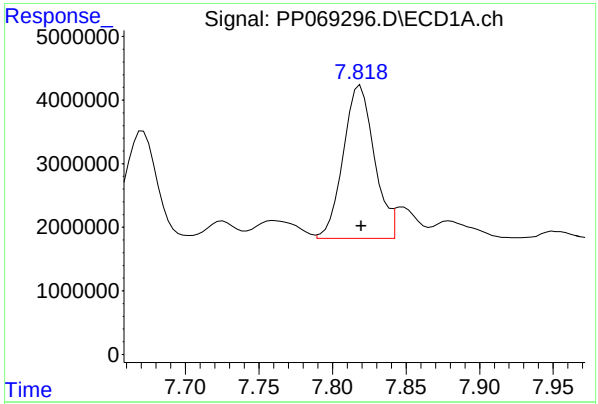
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: -0.001 min
Response: 34204619
Conc: 501.62 ng/ml



#29 AR-1254-4

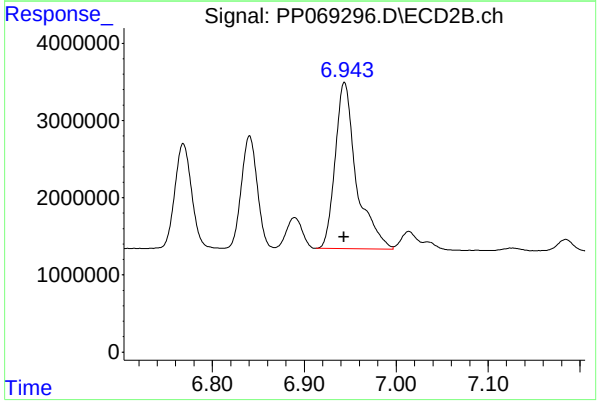
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 25829239
Conc: 503.99 ng/ml



#30 AR-1254-5

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 35322701
Conc: 519.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 34643725
Conc: 520.49 ng/ml

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.841	77280071	49699162	50.272	50.526
2)	SA Decachlor...	10.280	8.912	95822270	95389498	49.885	49.598
	Target Compounds						
41)	L9 AR-1268-1	8.762	7.768	96955506	80683787	502.919	499.533
42)	L9 AR-1268-2	8.856	7.833	86693119	73752405	504.918	495.889
43)	L9 AR-1268-3	9.091	8.041	73577850	63724602	501.283	501.698
44)	L9 AR-1268-4	9.513	8.335	33018344	29034055	510.432	493.868
45)	L9 AR-1268-5	9.933	8.643	207.8E6	195.6E6	501.326	499.439

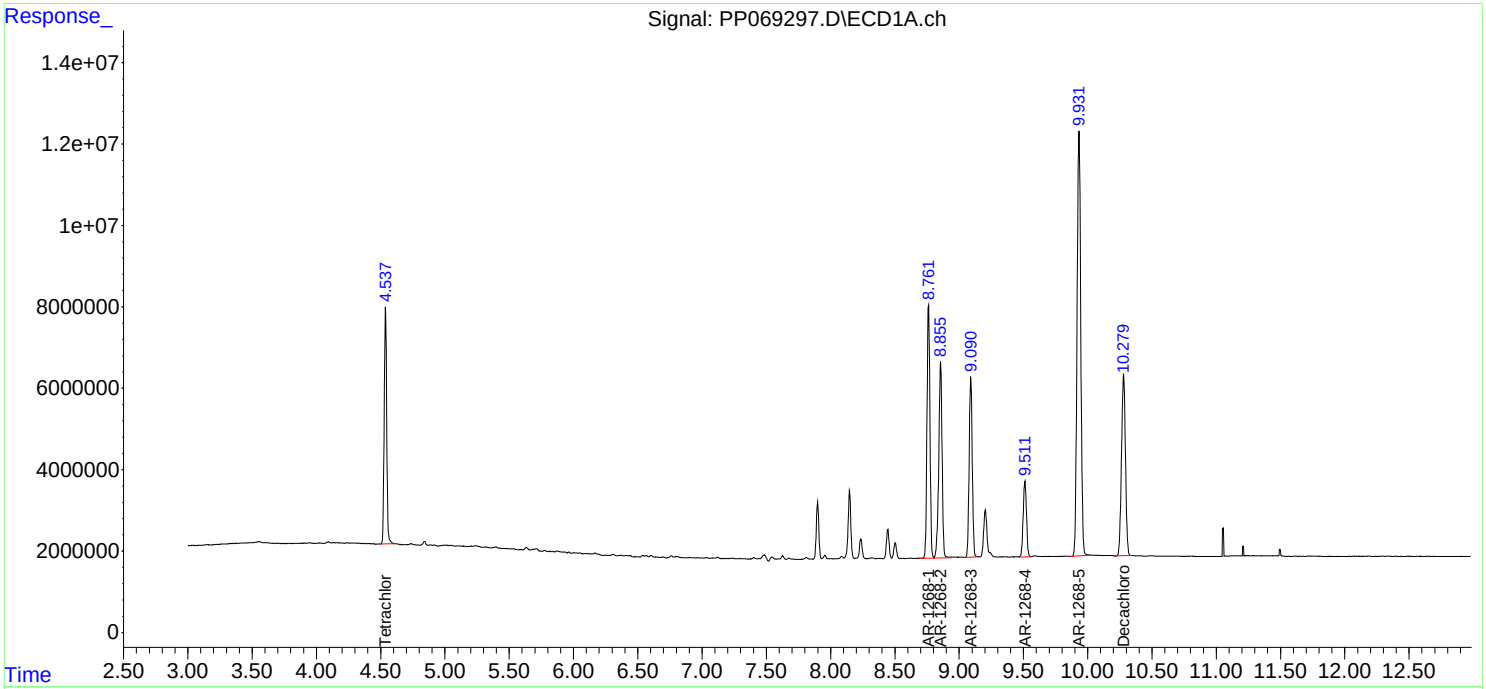
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

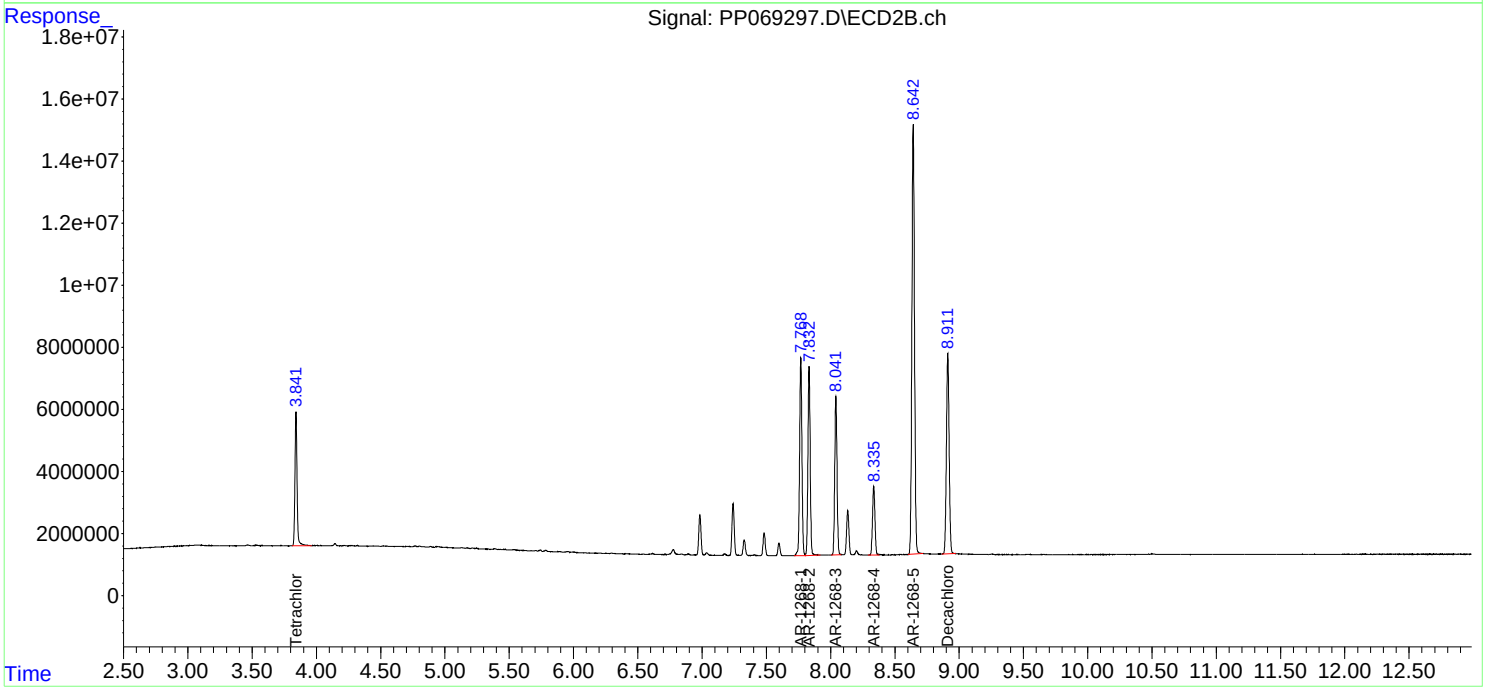
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

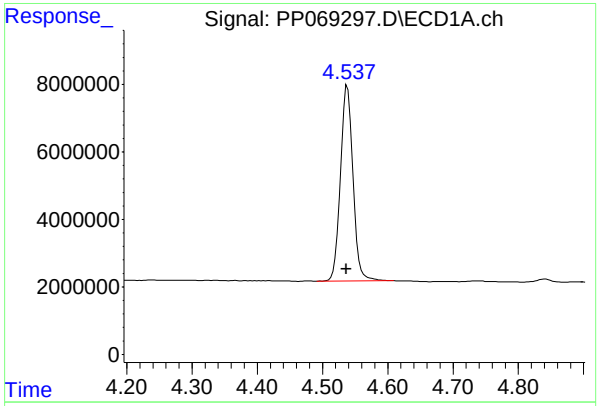
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



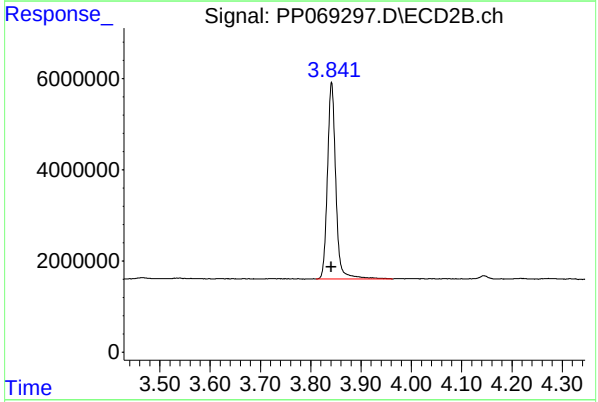




#1 Tetrachloro-m-xylene

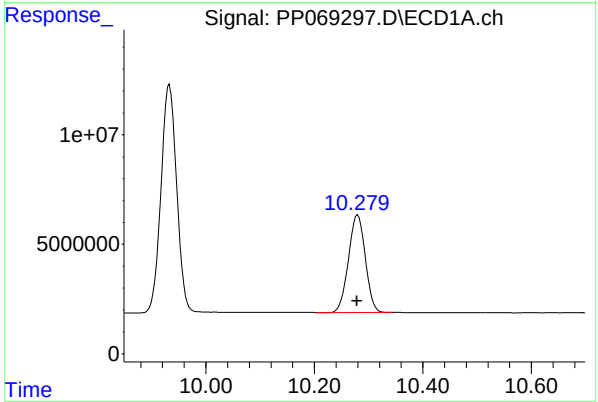
R.T.: 4.538 min
Delta R.T.: 0.002 min
Response: 77280071
Conc: 50.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



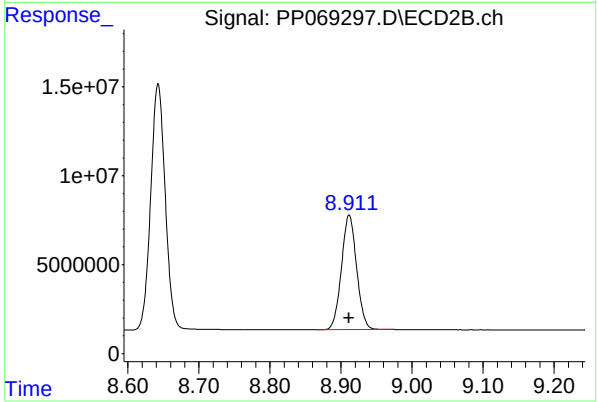
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 49699162
Conc: 50.53 ng/ml



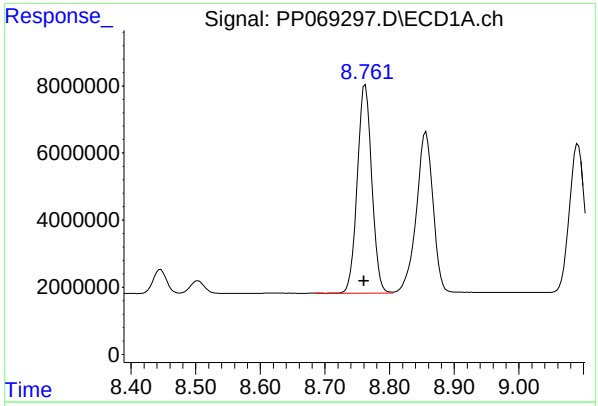
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.001 min
Response: 95822270
Conc: 49.89 ng/ml



#2 Decachlorobiphenyl

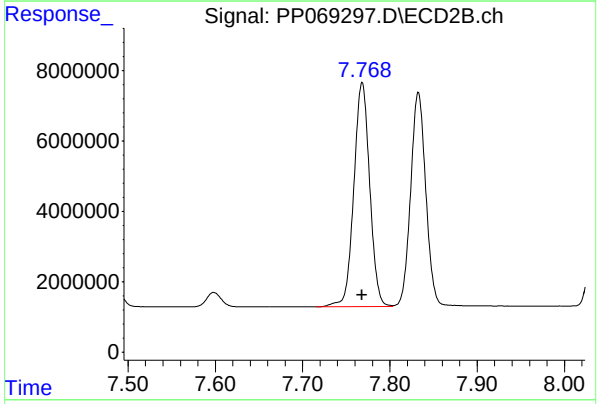
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 95389498
Conc: 49.60 ng/ml



#41 AR-1268-1

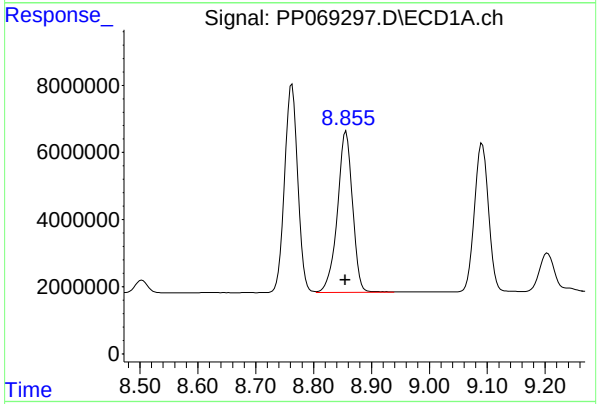
R.T.: 8.762 min
Delta R.T.: 0.002 min
Response: 96955506
Conc: 502.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



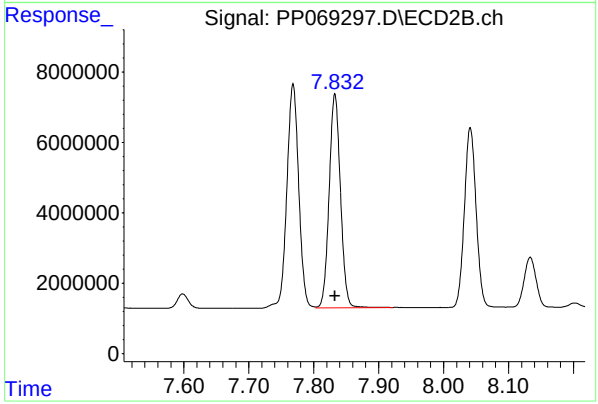
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 80683787
Conc: 499.53 ng/ml



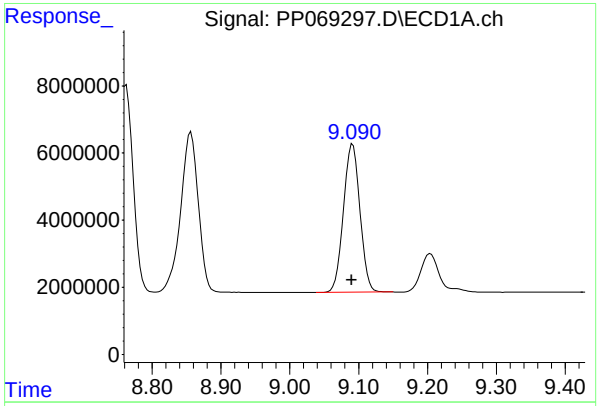
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.002 min
Response: 86693119
Conc: 504.92 ng/ml



#42 AR-1268-2

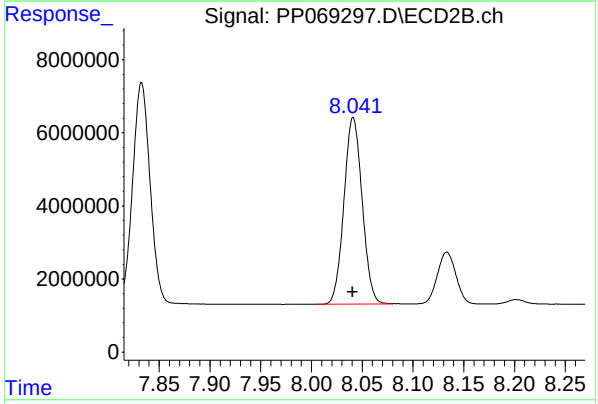
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 73752405
Conc: 495.89 ng/ml



#43 AR-1268-3

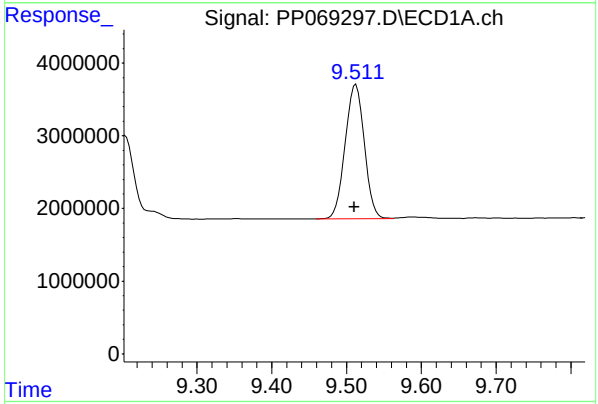
R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 73577850
Conc: 501.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



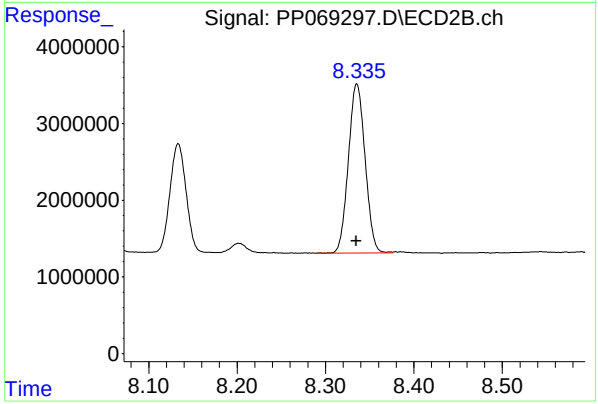
#43 AR-1268-3

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 63724602
Conc: 501.70 ng/ml



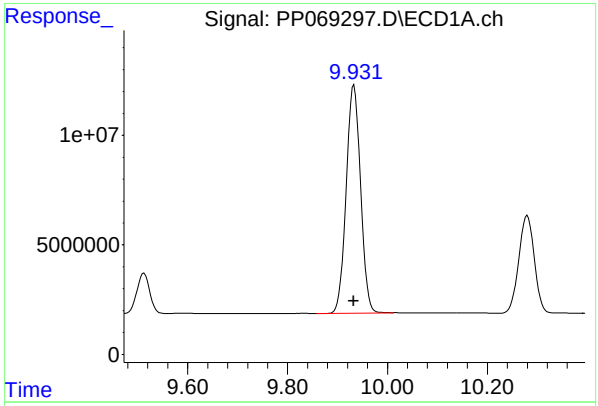
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.003 min
Response: 33018344
Conc: 510.43 ng/ml



#44 AR-1268-4

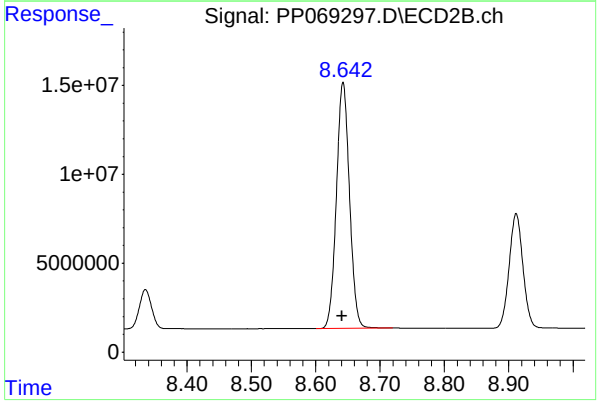
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 29034055
Conc: 493.87 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 mi
Response: 207800294
Conc: 501.33 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.001 min
Response: 195613558
Conc: 499.44 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 08:26 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.77	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.28	7.29	7.19	7.39	0.01
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.26	10.28	10.18	10.38	0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 08:26 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.38	5.39	5.29	5.49	0.01
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069827.D **Time Analyzed:** 08:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.681	5.592	5.792	529.780	500.000	6.0
Aroclor-1016-2	5.703	5.614	5.814	528.780	500.000	5.8
Aroclor-1016-3	5.765	5.676	5.876	511.600	500.000	2.3
Aroclor-1016-4	5.863	5.774	5.974	525.620	500.000	5.1
Aroclor-1016-5	6.156	6.067	6.267	502.060	500.000	0.4
Aroclor-1260-1	7.275	7.187	7.387	512.000	500.000	2.4
Aroclor-1260-2	7.528	7.441	7.641	498.480	500.000	-0.3
Aroclor-1260-3	7.887	7.800	8.000	518.570	500.000	3.7
Aroclor-1260-4	8.111	8.025	8.225	497.790	500.000	-0.4
Aroclor-1260-5	8.432	8.347	8.547	504.810	500.000	1.0
Decachlorobiphenyl	10.256	10.179	10.379	52.810	50.000	5.6
Tetrachloro-m-xylene	4.528	4.438	4.638	55.800	50.000	11.6

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069827.D **Time Analyzed:** 08:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.922	4.834	5.034	509.540	500.000	1.9
Aroclor-1016-2	4.941	4.853	5.053	517.540	500.000	3.5
Aroclor-1016-3	5.119	5.030	5.230	536.100	500.000	7.2
Aroclor-1016-4	5.160	5.072	5.272	511.480	500.000	2.3
Aroclor-1016-5	5.375	5.288	5.488	531.380	500.000	6.3
Aroclor-1260-1	6.414	6.326	6.526	528.360	500.000	5.7
Aroclor-1260-2	6.601	6.515	6.715	544.530	500.000	8.9
Aroclor-1260-3	6.755	6.670	6.870	482.070	500.000	-3.6
Aroclor-1260-4	7.228	7.142	7.342	558.500	500.000	11.7
Aroclor-1260-5	7.468	7.384	7.584	567.610	500.000	13.5
Decachlorobiphenyl	8.890	8.811	9.011	51.320	50.000	2.6
Tetrachloro-m-xylene	3.832	3.740	3.940	53.680	50.000	7.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 08:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 11:56:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.832	79878399	47912020	55.801	53.681m
2)	SA Decachlor...	10.256	8.890	57721003	57398677	52.815	51.318
	Target Compounds						
3)	L1 AR-1016-1	5.681	4.922	24546289	16618686	529.780	509.541m
4)	L1 AR-1016-2	5.703	4.941	35892177	23267864	528.781	517.542
5)	L1 AR-1016-3	5.765	5.119	21792585	13340233	511.604	536.097
6)	L1 AR-1016-4	5.863	5.160	18396820	10329989	525.616	511.480
7)	L1 AR-1016-5	6.156	5.375	16597299	14253728	502.058	531.382m
31)	L7 AR-1260-1	7.275	6.414	29919445	25482579	512.001	528.361
32)	L7 AR-1260-2	7.528	6.601	38788502	33381984	498.484	544.535
33)	L7 AR-1260-3	7.887	6.755	32420694	28999648	518.571	482.071m
34)	L7 AR-1260-4	8.111	7.228	32842365	25952369	497.787	558.503
35)	L7 AR-1260-5	8.432	7.468	66092349	63086888	504.807	567.608

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

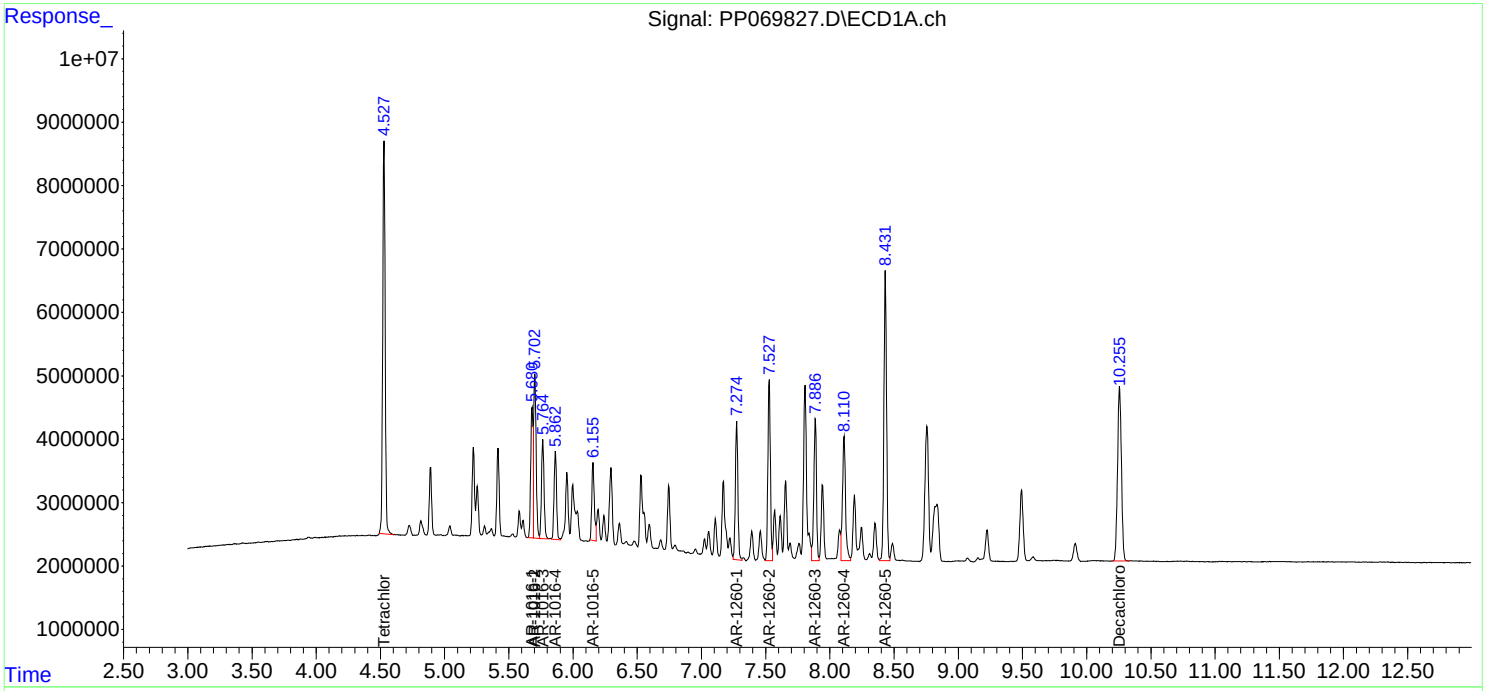
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 08:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

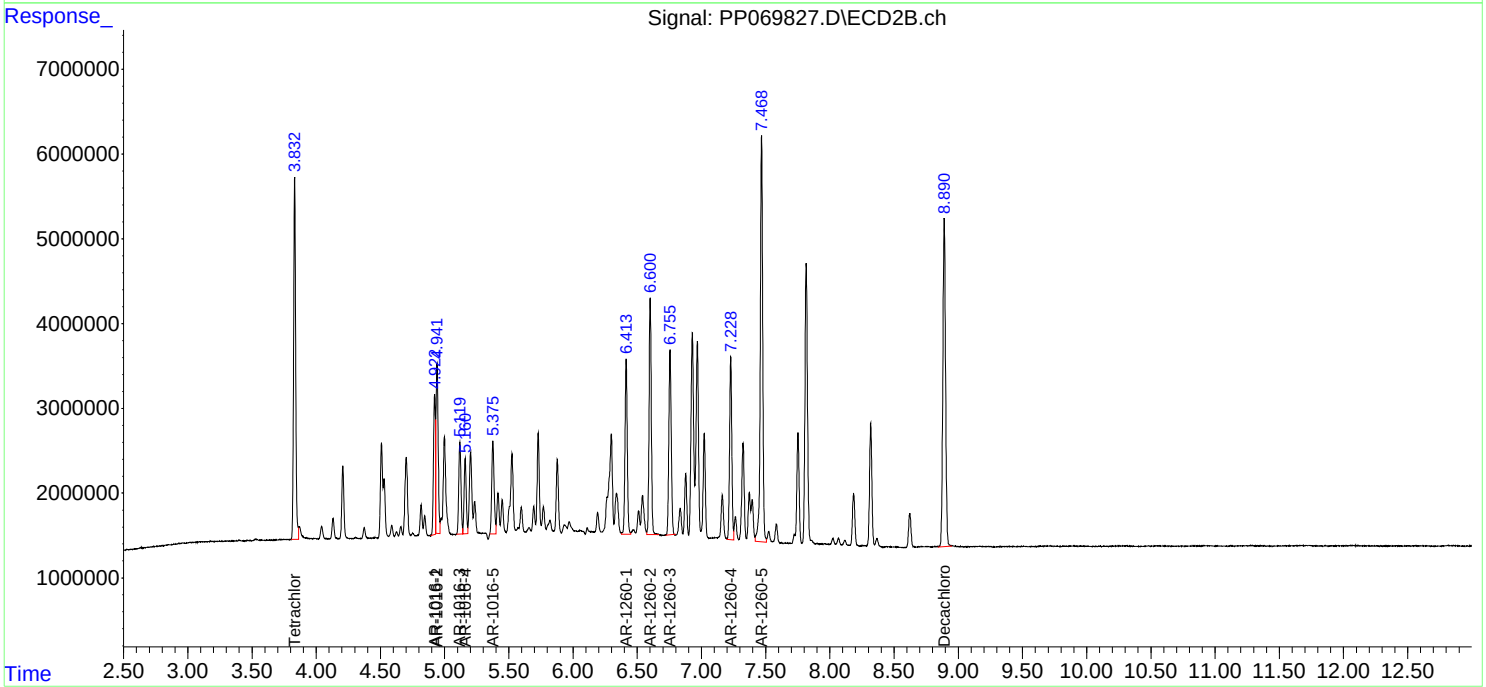
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

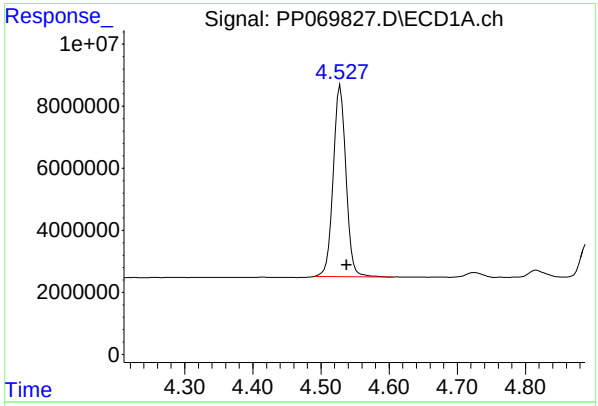
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 11:56:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







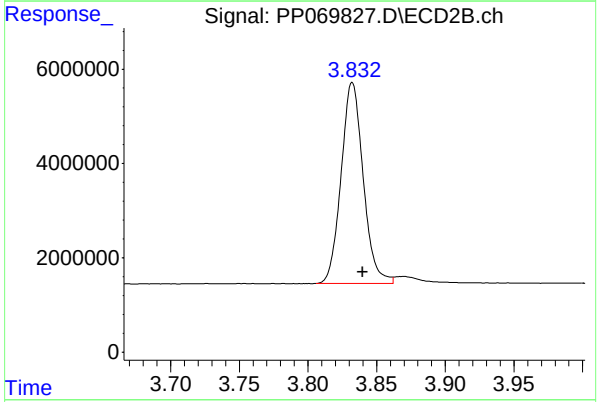
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 79878399
Conc: 55.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

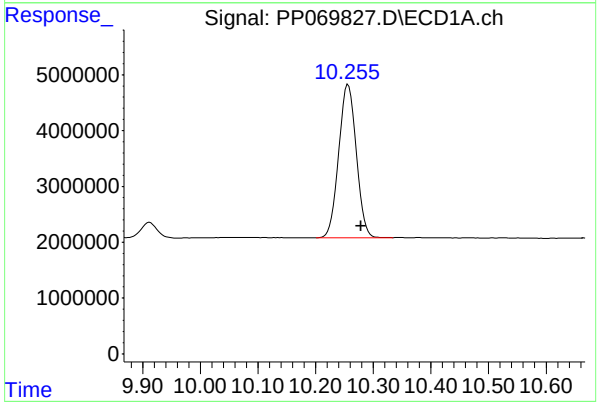
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



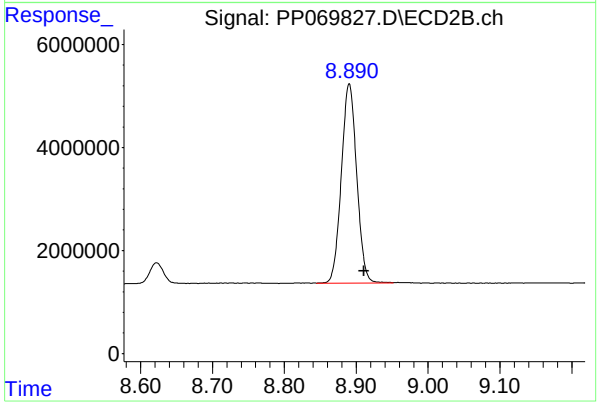
#1 Tetrachloro-m-xylene

R.T.: 3.832 min
Delta R.T.: -0.008 min
Response: 47912020
Conc: 53.68 ng/ml m



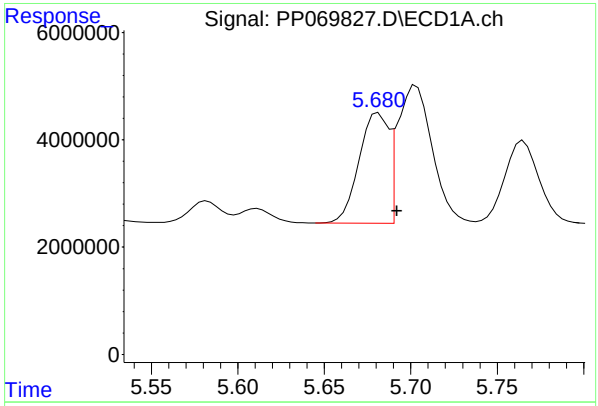
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.022 min
Response: 57721003
Conc: 52.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 57398677
Conc: 51.32 ng/ml



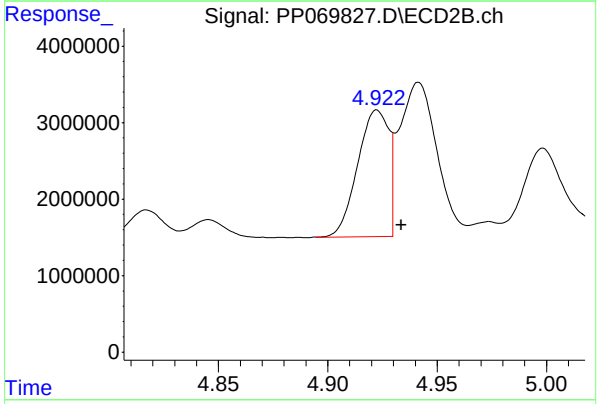
#3 AR-1016-1

R.T.: 5.681 min
Delta R.T.: -0.011 min
Response: 24546289
Conc: 529.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

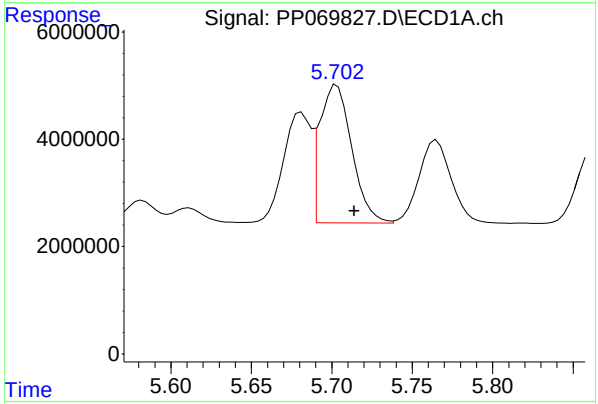
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



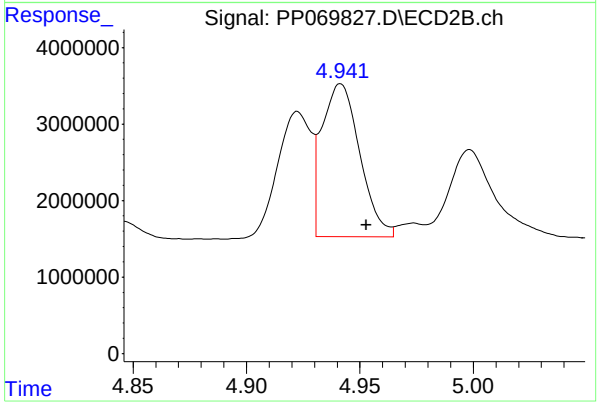
#3 AR-1016-1

R.T.: 4.922 min
Delta R.T.: -0.012 min
Response: 16618686
Conc: 509.54 ng/ml m



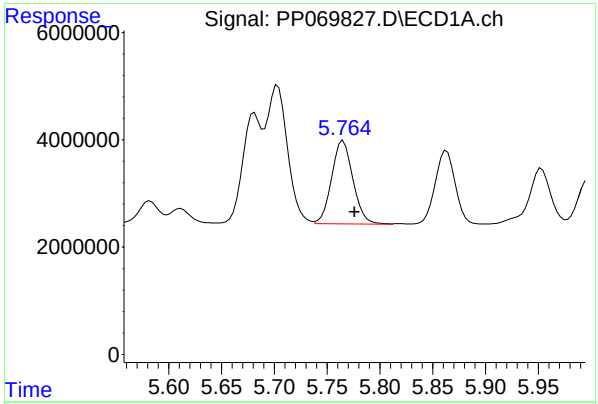
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 35892177
Conc: 528.78 ng/ml



#4 AR-1016-2

R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 23267864
Conc: 517.54 ng/ml



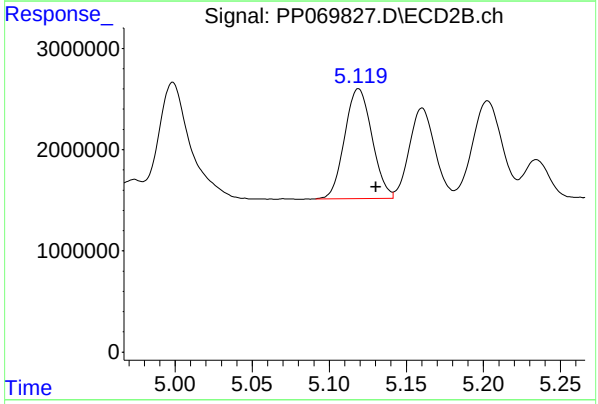
#5 AR-1016-3

R.T.: 5.765 min
Delta R.T.: -0.011 min
Response: 21792585
Conc: 511.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

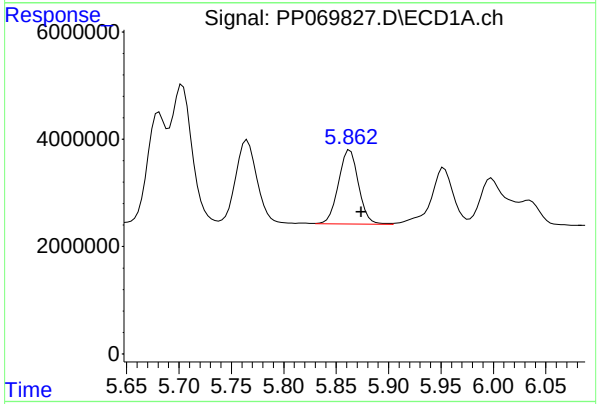
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



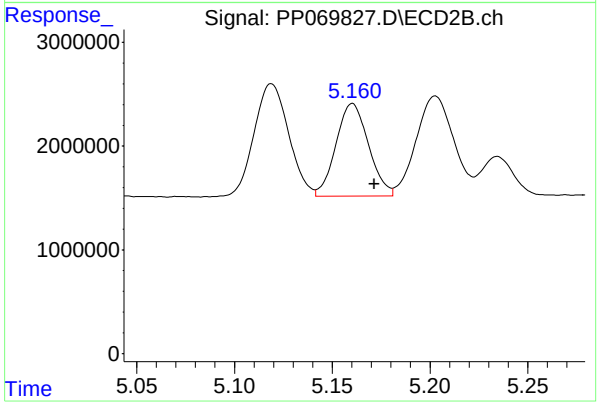
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 13340233
Conc: 536.10 ng/ml



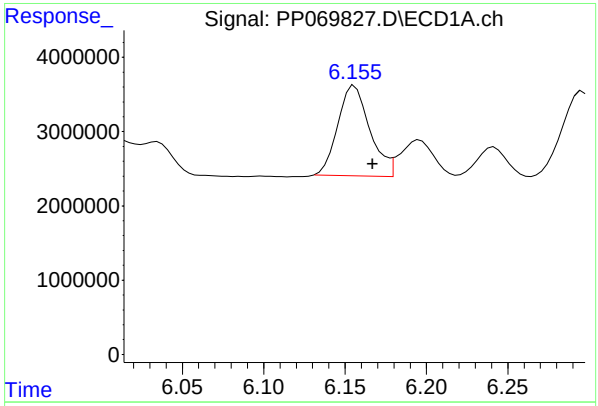
#6 AR-1016-4

R.T.: 5.863 min
Delta R.T.: -0.011 min
Response: 18396820
Conc: 525.62 ng/ml



#6 AR-1016-4

R.T.: 5.160 min
Delta R.T.: -0.011 min
Response: 10329989
Conc: 511.48 ng/ml



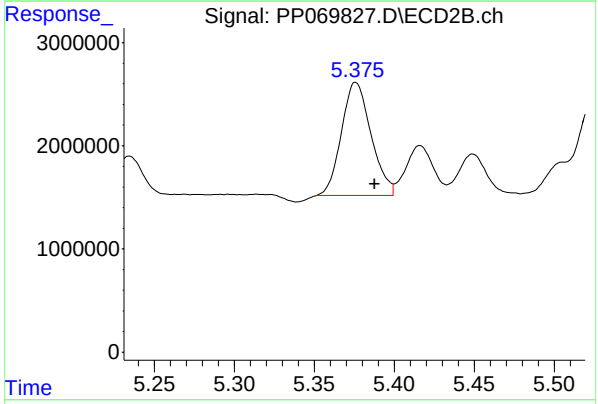
#7 AR-1016-5

R.T.: 6.156 min
Delta R.T.: -0.011 min
Response: 16597299
Conc: 502.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

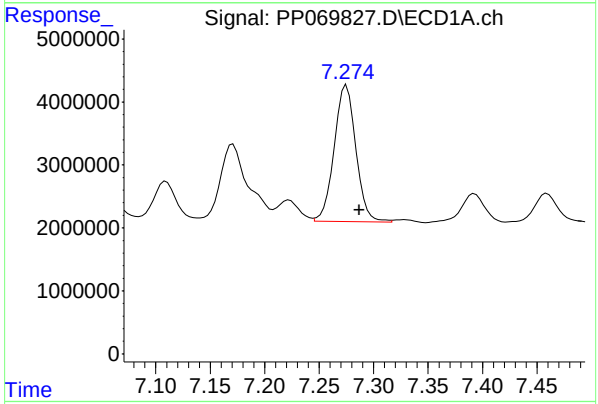
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



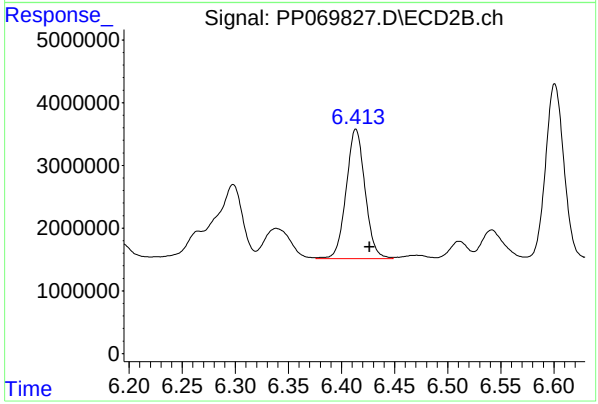
#7 AR-1016-5

R.T.: 5.375 min
Delta R.T.: -0.013 min
Response: 14253728
Conc: 531.38 ng/ml m



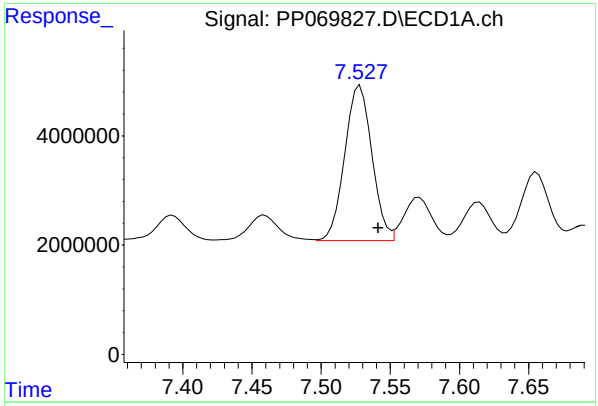
#31 AR-1260-1

R.T.: 7.275 min
Delta R.T.: -0.012 min
Response: 29919445
Conc: 512.00 ng/ml



#31 AR-1260-1

R.T.: 6.414 min
Delta R.T.: -0.013 min
Response: 25482579
Conc: 528.36 ng/ml



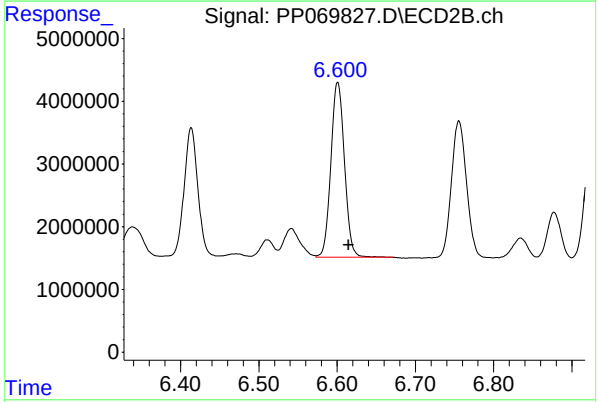
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.013 mi
Response: 38788502
Conc: 498.48 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

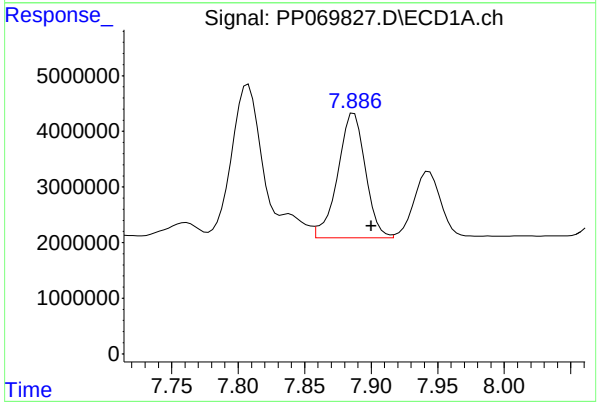
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



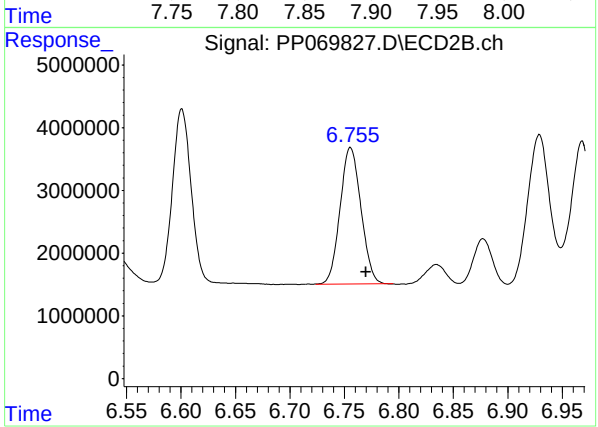
#32 AR-1260-2

R.T.: 6.601 min
Delta R.T.: -0.014 min
Response: 33381984
Conc: 544.53 ng/ml



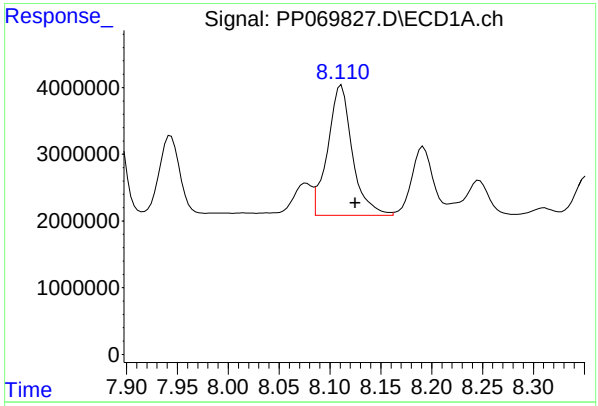
#33 AR-1260-3

R.T.: 7.887 min
Delta R.T.: -0.013 min
Response: 32420694
Conc: 518.57 ng/ml



#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 28999648
Conc: 482.07 ng/ml m



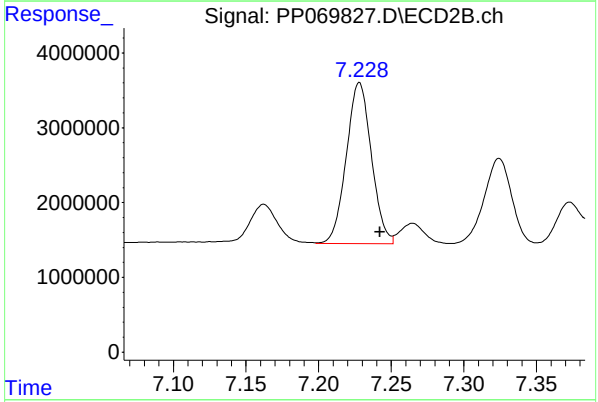
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.014 min
Response: 32842365
Conc: 497.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

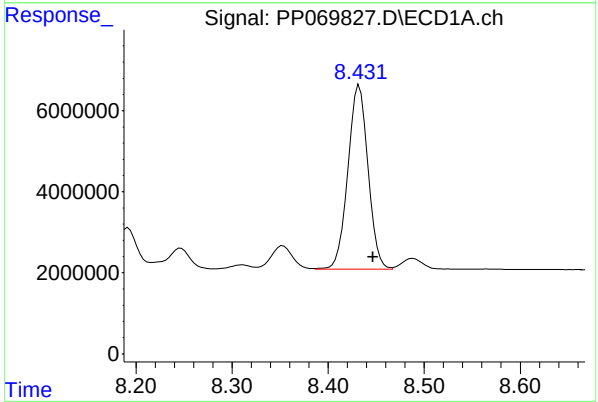
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



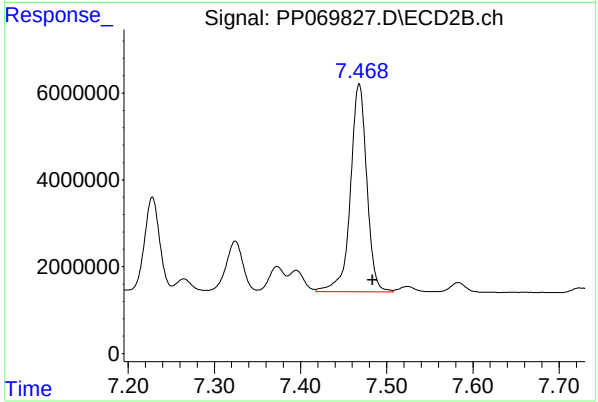
#34 AR-1260-4

R.T.: 7.228 min
Delta R.T.: -0.014 min
Response: 25952369
Conc: 558.50 ng/ml



#35 AR-1260-5

R.T.: 8.432 min
Delta R.T.: -0.014 min
Response: 66092349
Conc: 504.81 ng/ml



#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 63086888
Conc: 567.61 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 09:19 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.52	6.54	6.44	6.64	0.02
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.10	7.12	7.02	7.22	0.02
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.80	7.82	7.72	7.92	0.02
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 09:19 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.87	5.89	5.79	5.99	0.02
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069830.D **Time Analyzed:** 09:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.524	6.439	6.639	505.170	500.000	1.0
Aroclor-1254-2	6.741	6.656	6.856	556.920	500.000	11.4
Aroclor-1254-3	7.104	7.019	7.219	521.840	500.000	4.4
Aroclor-1254-4	7.386	7.301	7.501	525.230	500.000	5.0
Aroclor-1254-5	7.802	7.719	7.919	518.390	500.000	3.7
Decachlorobiphenyl	10.249	10.175	10.375	52.000	50.000	4.0
Tetrachloro-m-xylene	4.522	4.434	4.634	55.430	50.000	10.9

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069830.D **Time Analyzed:** 09:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.726	5.642	5.842	520.360	500.000	4.1
Aroclor-1254-2	5.874	5.790	5.990	515.180	500.000	3.0
Aroclor-1254-3	6.279	6.195	6.395	518.900	500.000	3.8
Aroclor-1254-4	6.507	6.423	6.623	522.360	500.000	4.5
Aroclor-1254-5	6.926	6.844	7.044	522.720	500.000	4.5
Decachlorobiphenyl	8.886	8.809	9.009	48.350	50.000	-3.3
Tetrachloro-m-xylene	3.828	3.740	3.940	54.330	50.000	8.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 09:19
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 11:59:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.828	79348983	48491969	55.431	54.330m
2)	SA Decachlor...	10.249	8.886	56834843	54078592	52.004	48.350
	Target Compounds						
26)	L6 AR-1254-1	6.524	5.726	29231035	28648896	505.170m	520.361
27)	L6 AR-1254-2	6.741	5.874	44688002	24918713	556.916	515.182
28)	L6 AR-1254-3	7.104	6.279	43985317	39382350	521.843	518.898
29)	L6 AR-1254-4	7.386	6.507	35814101	26770822	525.227	522.360m
30)	L6 AR-1254-5	7.802	6.926	35274161	34792192	518.386m	522.716

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

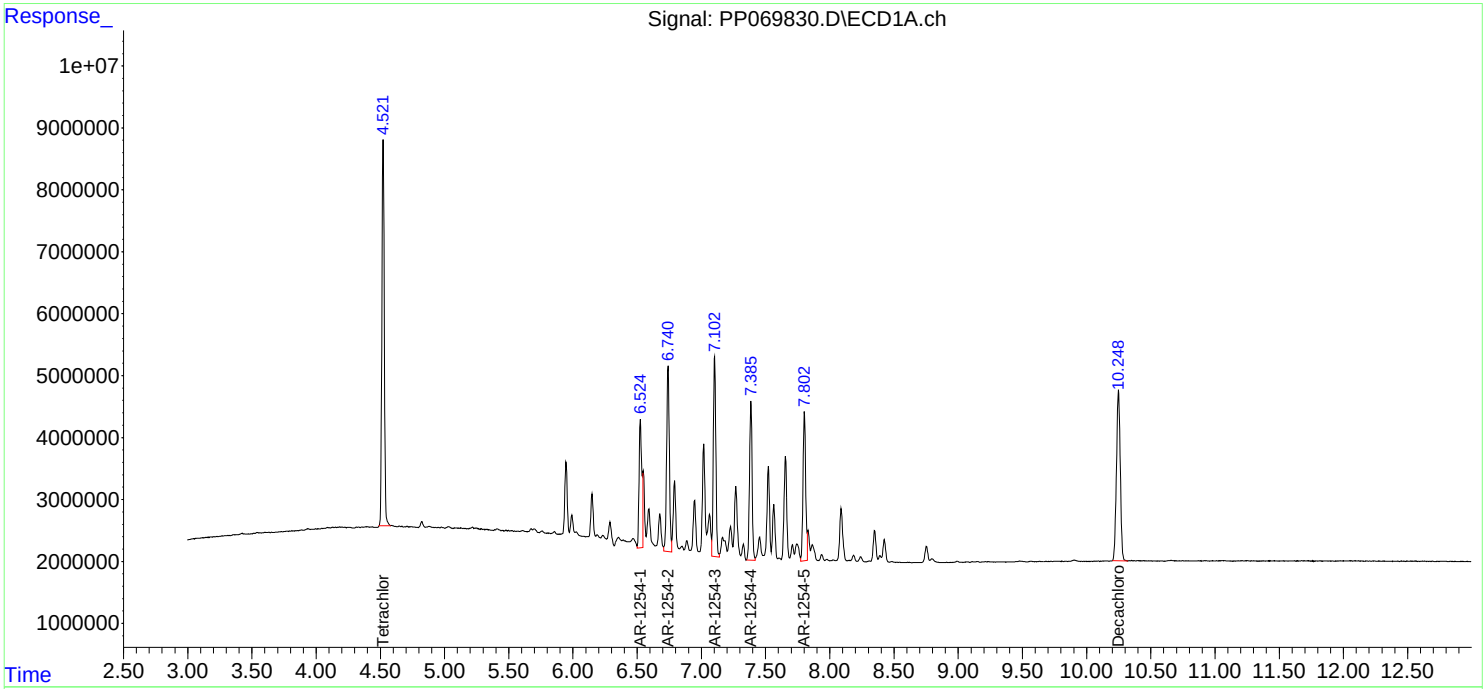
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 09:19
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

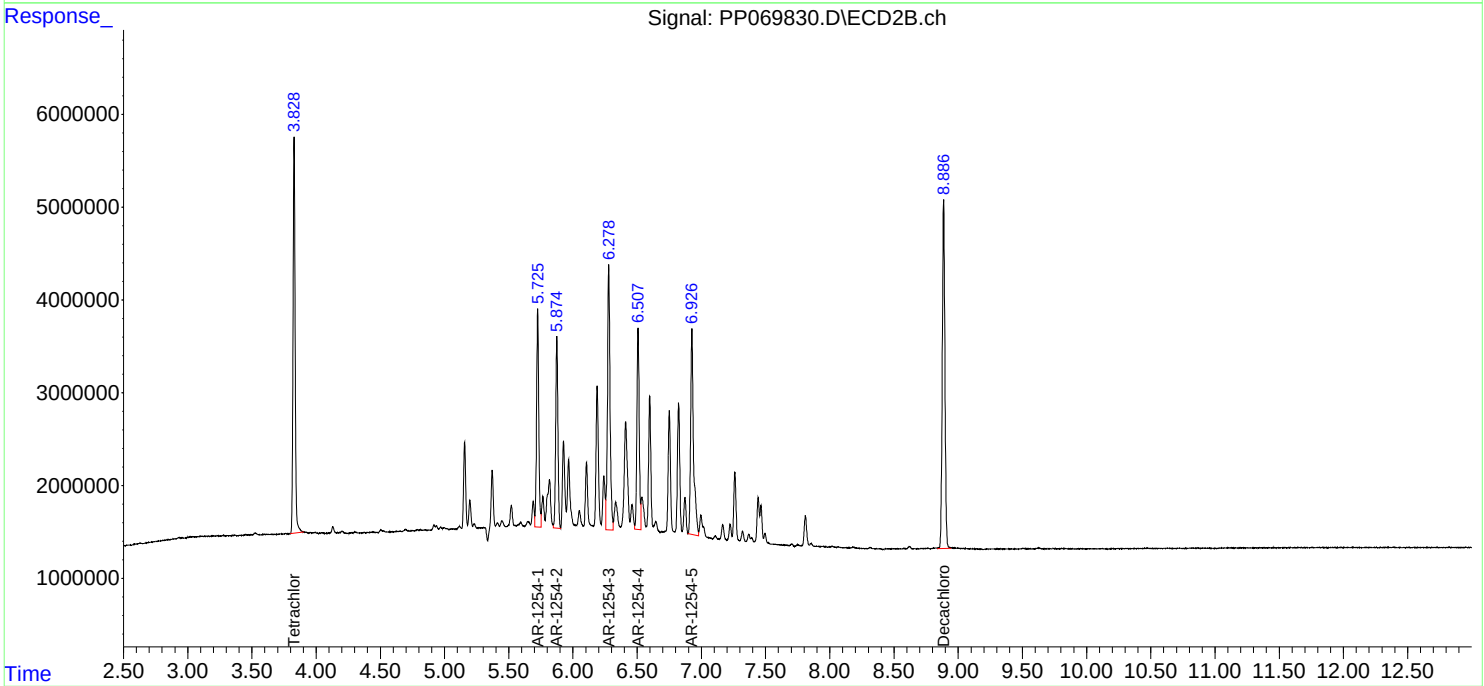
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

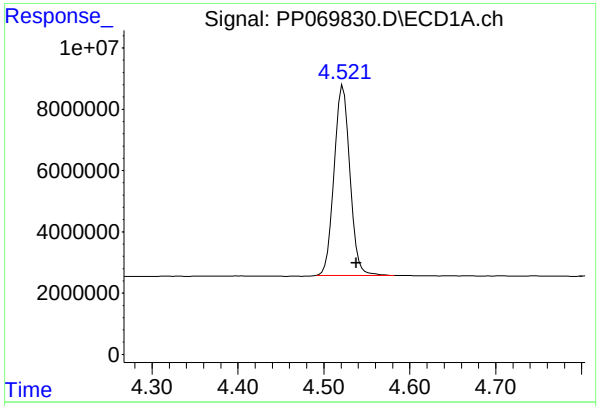
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 11:59:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







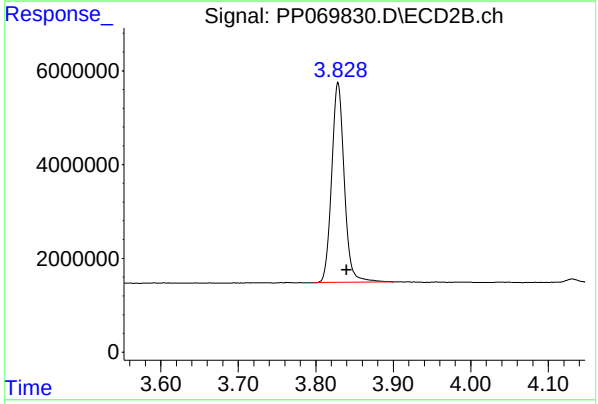
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 mi
Response: 79348983
Conc: 55.43 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

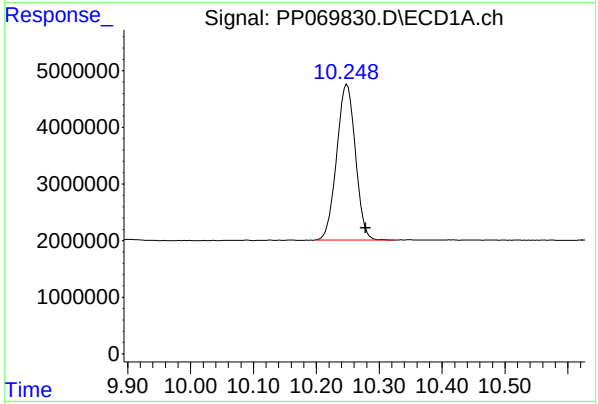
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



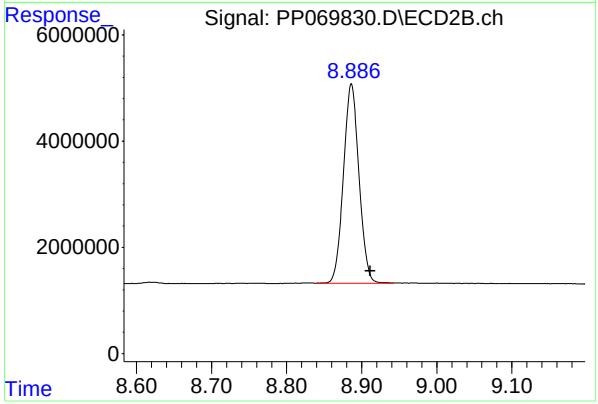
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.012 min
Response: 48491969
Conc: 54.33 ng/ml m



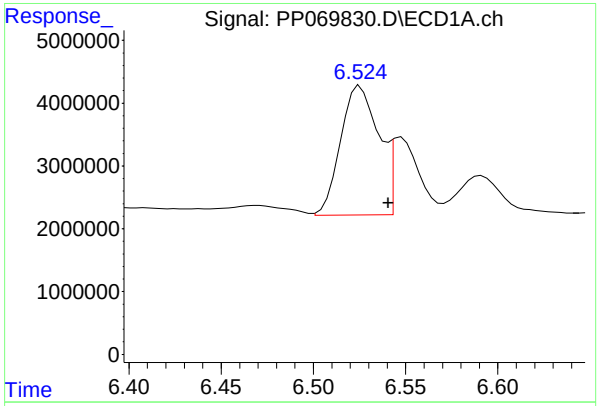
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.030 min
Response: 56834843
Conc: 52.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 54078592
Conc: 48.35 ng/ml



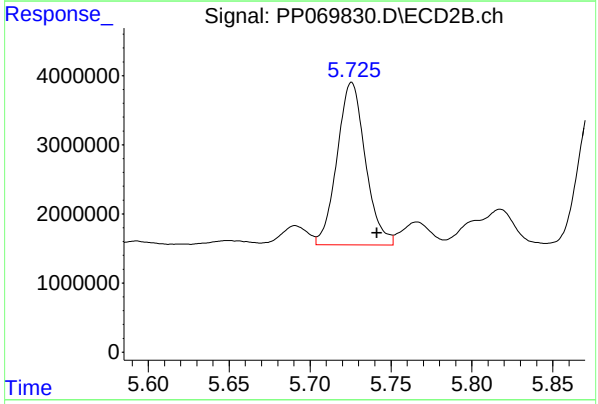
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.017 min
Response: 29231035
Conc: 505.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

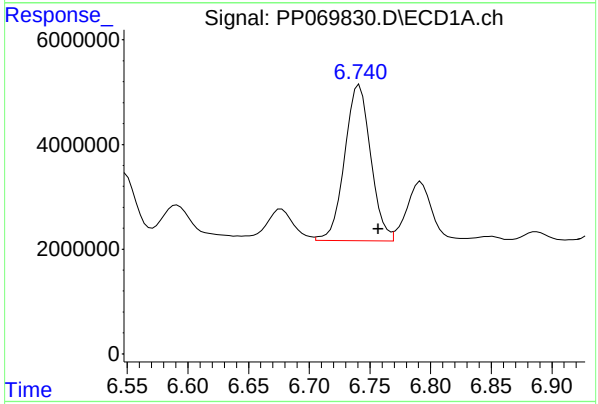
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



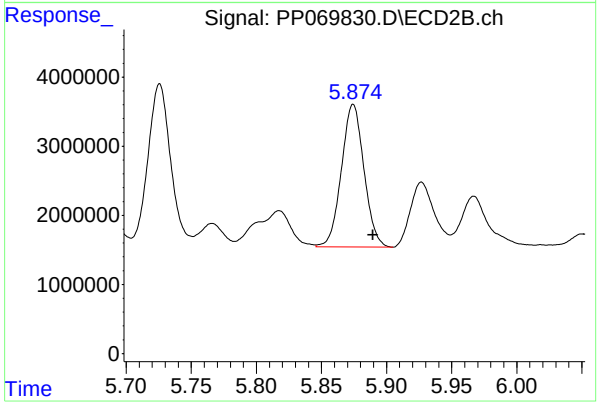
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 28648896
Conc: 520.36 ng/ml



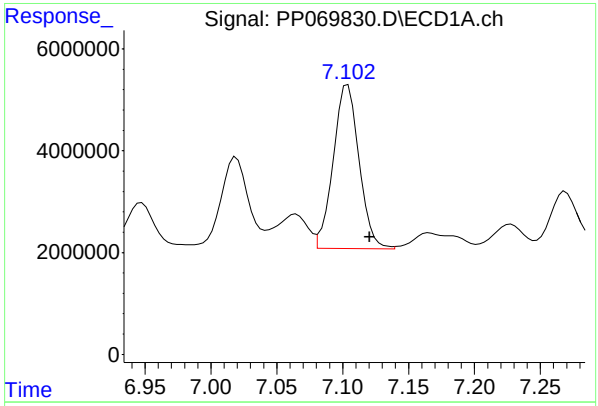
#27 AR-1254-2

R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 44688002
Conc: 556.92 ng/ml



#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 24918713
Conc: 515.18 ng/ml



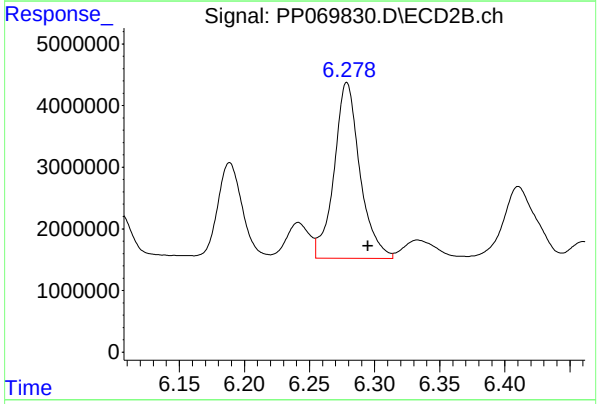
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.017 mi
Response: 43985317
Conc: 521.84 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

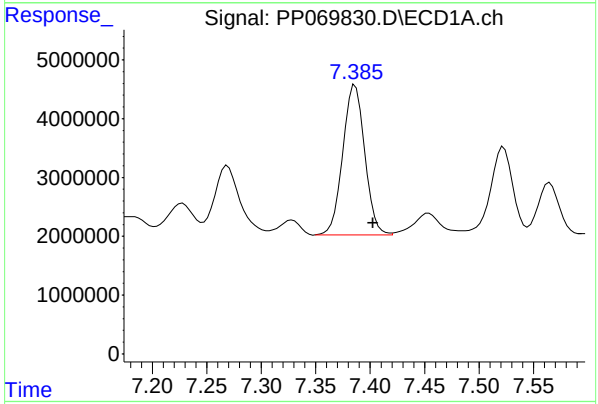
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



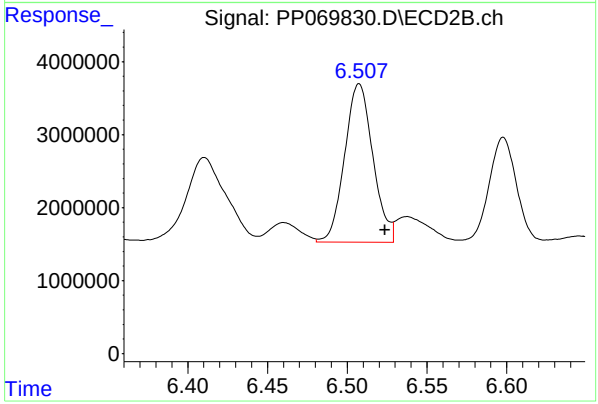
#28 AR-1254-3

R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 39382350
Conc: 518.90 ng/ml



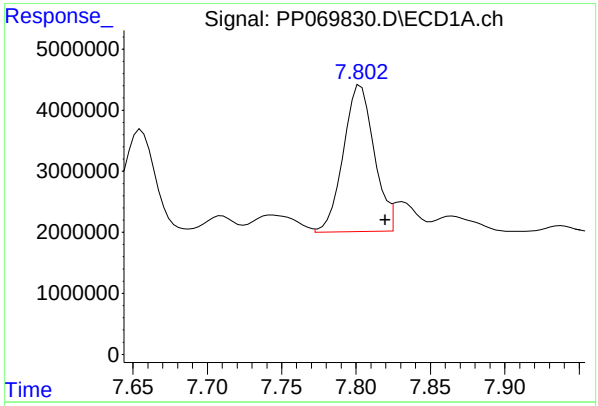
#29 AR-1254-4

R.T.: 7.386 min
Delta R.T.: -0.016 min
Response: 35814101
Conc: 525.23 ng/ml



#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.016 min
Response: 26770822
Conc: 522.36 ng/ml m



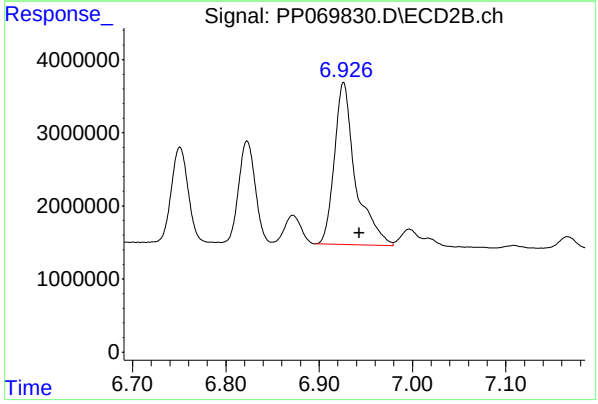
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.018 min
Response: 35274161
Conc: 518.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 34792192
Conc: 522.72 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 15:10 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.52	4.54	4.44	4.64	0.02
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 15:10 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069842.D **Time Analyzed:** 15:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.677	5.592	5.792	576.500	500.000	15.3
Aroclor-1016-2	5.700	5.614	5.814	540.700	500.000	8.1
Aroclor-1016-3	5.762	5.676	5.876	522.670	500.000	4.5
Aroclor-1016-4	5.859	5.774	5.974	529.490	500.000	5.9
Aroclor-1016-5	6.153	6.067	6.267	491.810	500.000	-1.6
Aroclor-1260-1	7.272	7.187	7.387	547.050	500.000	9.4
Aroclor-1260-2	7.526	7.441	7.641	507.620	500.000	1.5
Aroclor-1260-3	7.884	7.800	8.000	516.930	500.000	3.4
Aroclor-1260-4	8.109	8.025	8.225	487.880	500.000	-2.4
Aroclor-1260-5	8.429	8.347	8.547	509.920	500.000	2.0
Decachlorobiphenyl	10.251	10.179	10.379	53.100	50.000	6.2
Tetrachloro-m-xylene	4.524	4.438	4.638	55.760	50.000	11.5

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069842.D **Time Analyzed:** 15:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.920	4.834	5.034	487.250	500.000	-2.6
Aroclor-1016-2	4.939	4.853	5.053	506.240	500.000	1.2
Aroclor-1016-3	5.117	5.030	5.230	520.360	500.000	4.1
Aroclor-1016-4	5.159	5.072	5.272	488.050	500.000	-2.4
Aroclor-1016-5	5.373	5.288	5.488	511.960	500.000	2.4
Aroclor-1260-1	6.412	6.326	6.526	557.250	500.000	11.5
Aroclor-1260-2	6.600	6.515	6.715	564.770	500.000	13.0
Aroclor-1260-3	6.754	6.670	6.870	488.800	500.000	-2.2
Aroclor-1260-4	7.226	7.142	7.342	543.010	500.000	8.6
Aroclor-1260-5	7.467	7.384	7.584	550.080	500.000	10.0
Decachlorobiphenyl	8.888	8.811	9.011	50.800	50.000	1.6
Tetrachloro-m-xylene	3.830	3.740	3.940	52.910	50.000	5.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 15:10
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 15:19:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	79812517	47220012	55.755m	52.905m
2)	SA Decachlor...	10.251	8.888	58033861	56817301	53.101	50.798
	Target Compounds						
3)	L1 AR-1016-1	5.677	4.920	26711062	15891739	576.502m	487.252m
4)	L1 AR-1016-2	5.700	4.939	36701276	22759895	540.701	506.243m
5)	L1 AR-1016-3	5.762	5.117	22263986	12948707	522.670	520.363
6)	L1 AR-1016-4	5.859	5.159	18532319	9856720	529.488	488.047
7)	L1 AR-1016-5	6.153	5.373	16258546	13732881	491.811	511.964m
31)	L7 AR-1260-1	7.272	6.412	31967755	26876118	547.053	557.254
32)	L7 AR-1260-2	7.526	6.600	39499596	34622711	507.623	564.774
33)	L7 AR-1260-3	7.884	6.754	32317868	29404327	516.927	488.798m
34)	L7 AR-1260-4	8.109	7.226	32188972	25232314	487.884	543.007
35)	L7 AR-1260-5	8.429	7.467	66762055	61138168	509.922	550.075

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 15:10
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

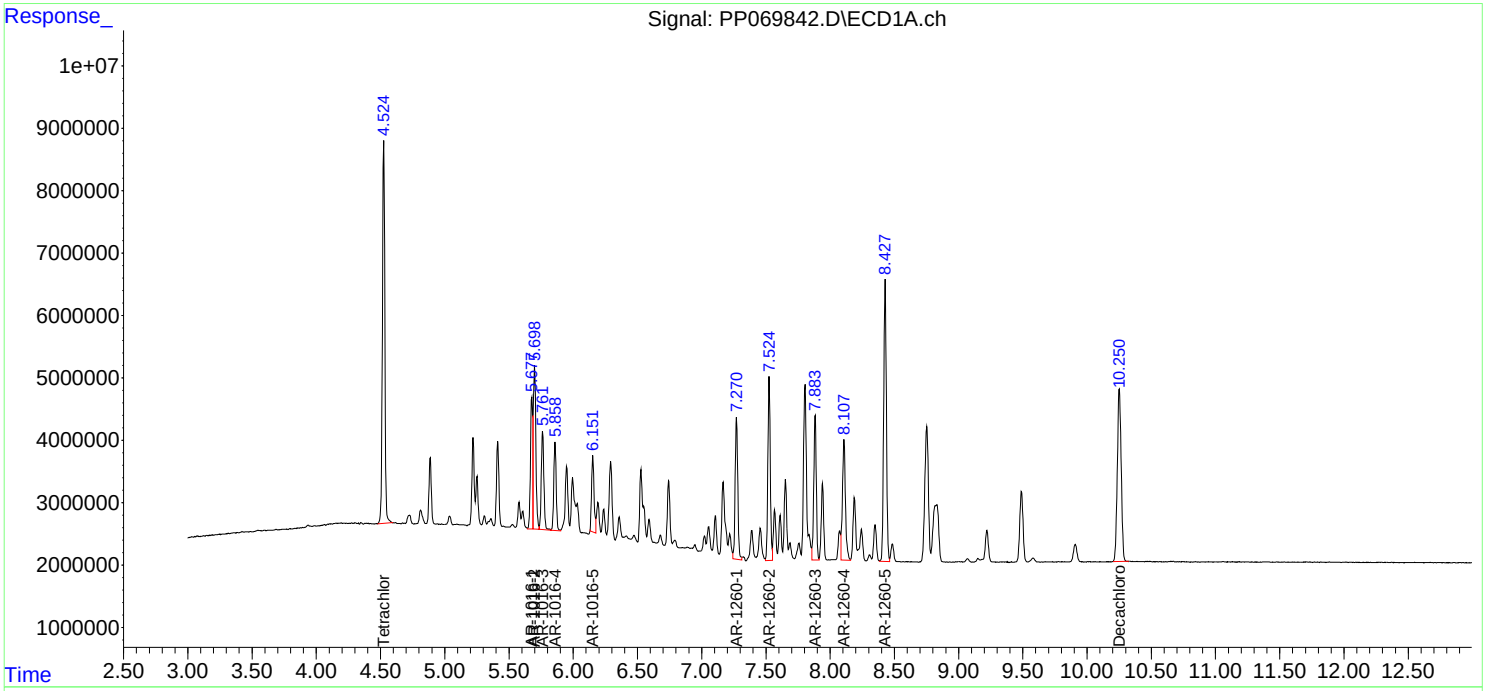
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

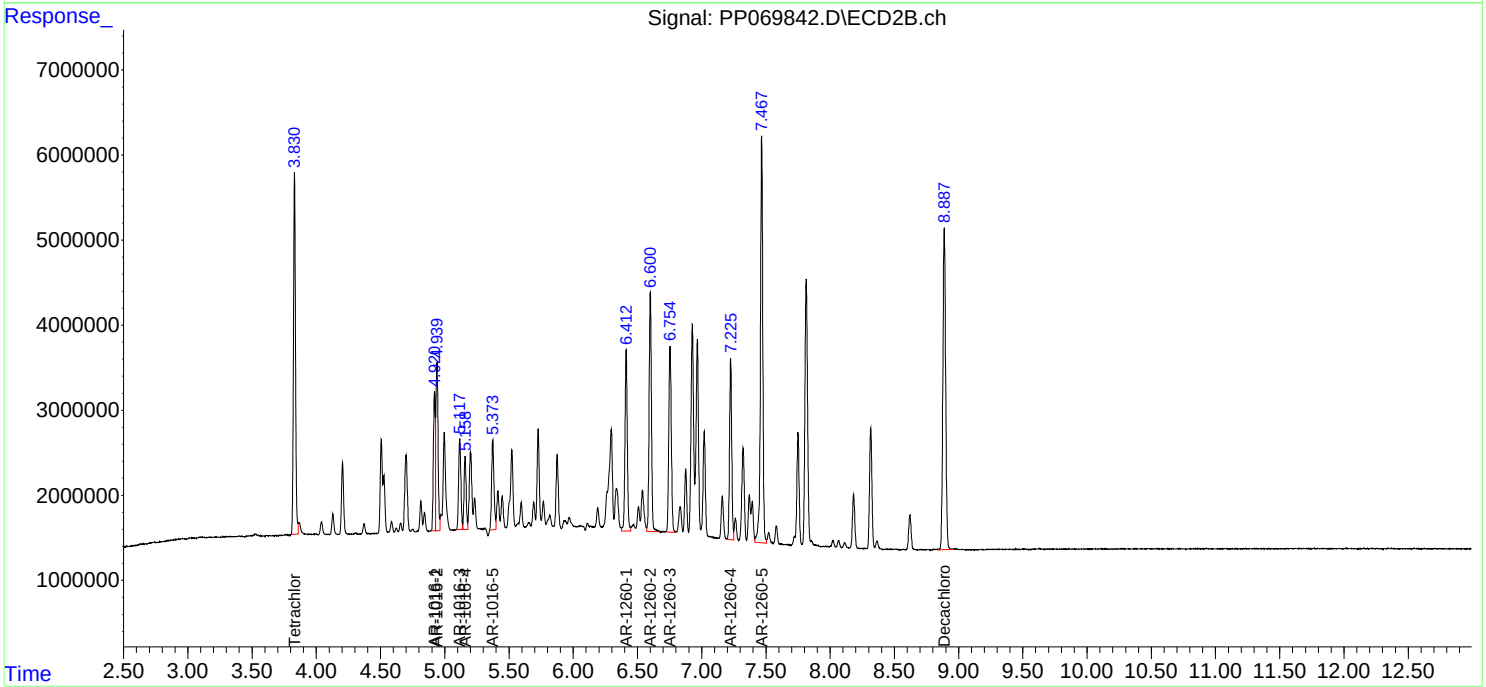
Manual Integrations APPROVED

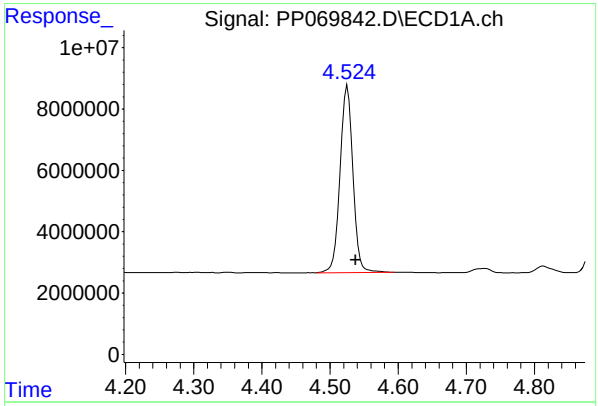
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 15:19:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







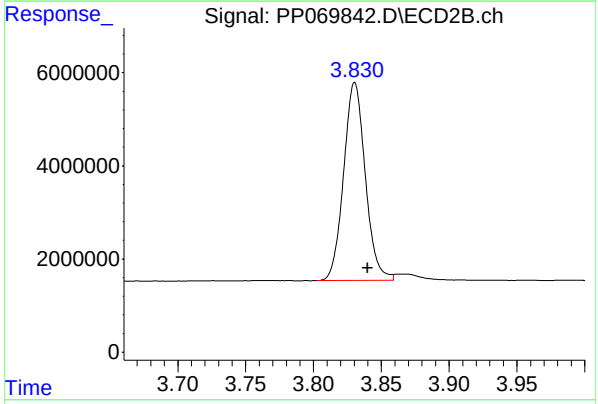
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 mi
Response: 79812517
Conc: 55.76 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

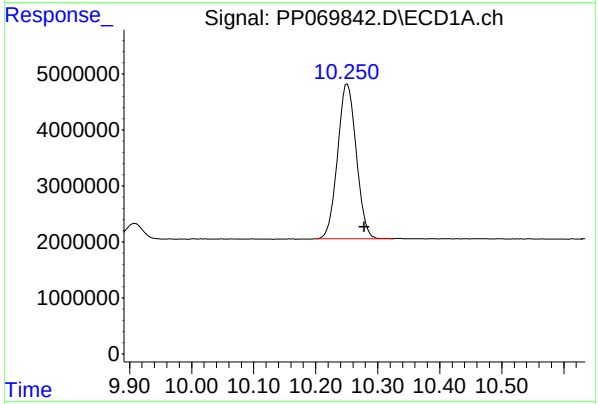
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



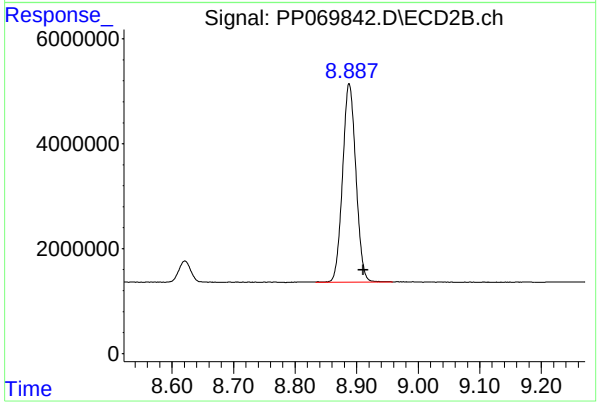
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 47220012
Conc: 52.91 ng/ml m



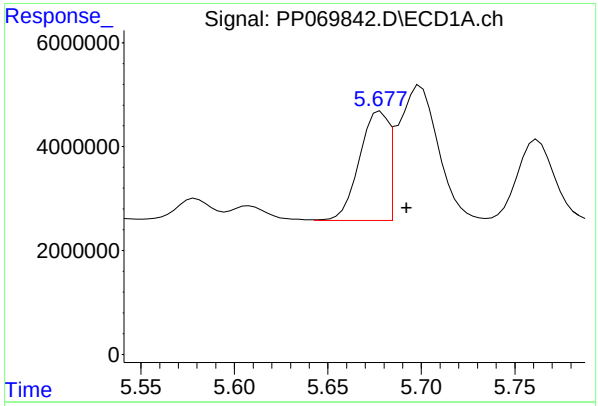
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 58033861
Conc: 53.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 56817301
Conc: 50.80 ng/ml



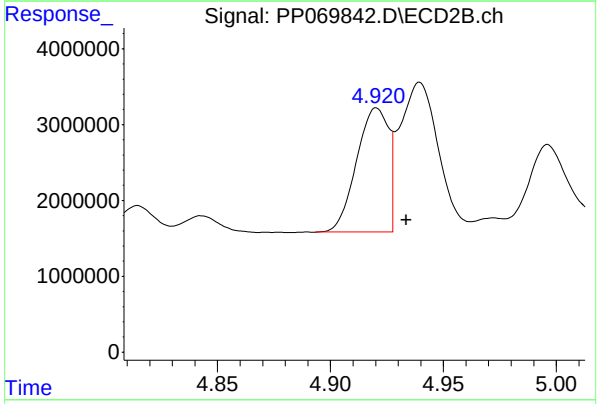
#3 AR-1016-1

R.T.: 5.677 min
Delta R.T.: -0.015 mi
Response: 26711062
Conc: 576.50 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

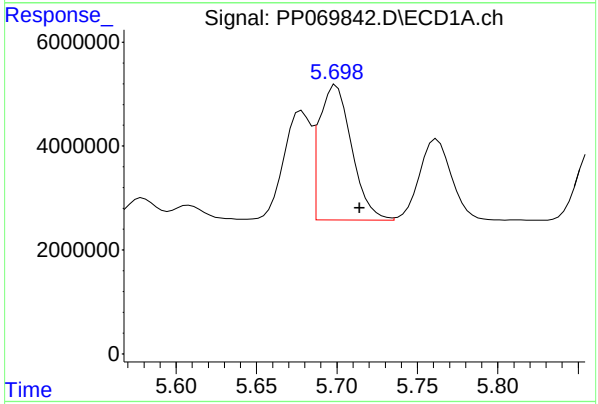
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



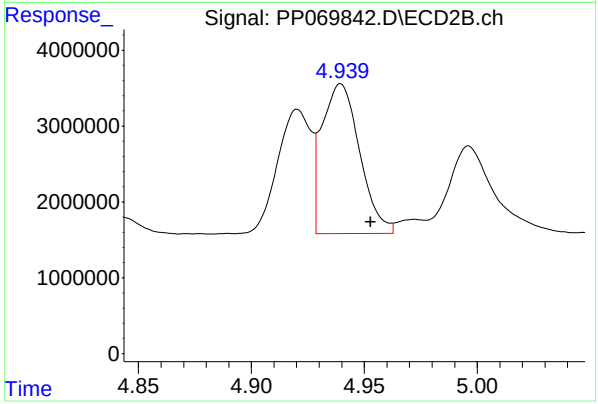
#3 AR-1016-1

R.T.: 4.920 min
Delta R.T.: -0.014 min
Response: 15891739
Conc: 487.25 ng/ml m



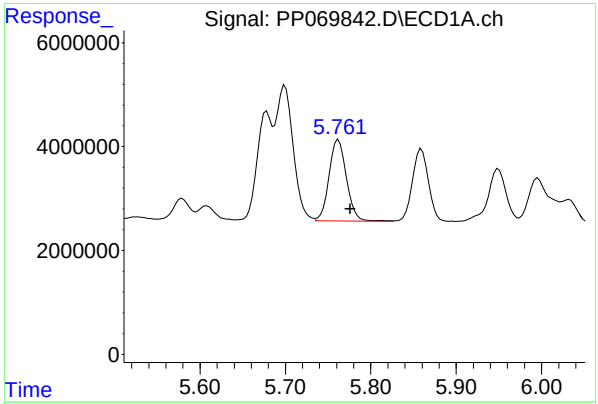
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.015 min
Response: 36701276
Conc: 540.70 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 22759895
Conc: 506.24 ng/ml m



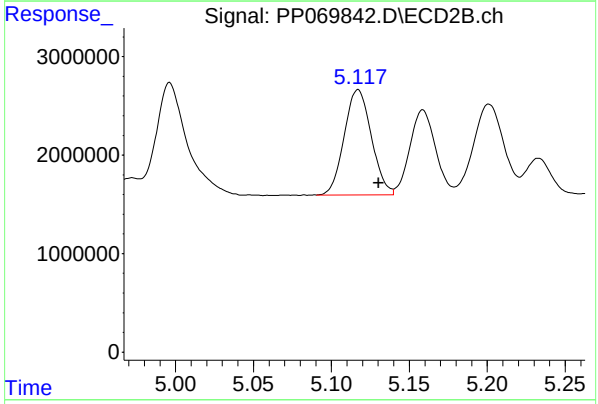
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: -0.014 mi
Response: 22263986
Conc: 522.67 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

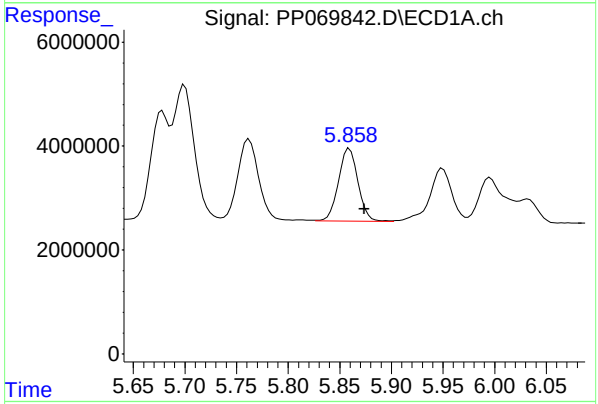
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



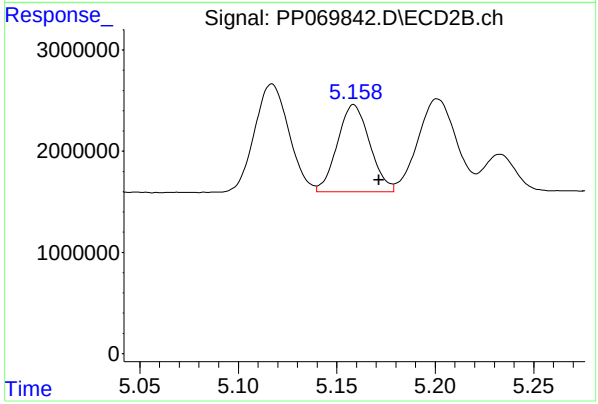
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12948707
Conc: 520.36 ng/ml



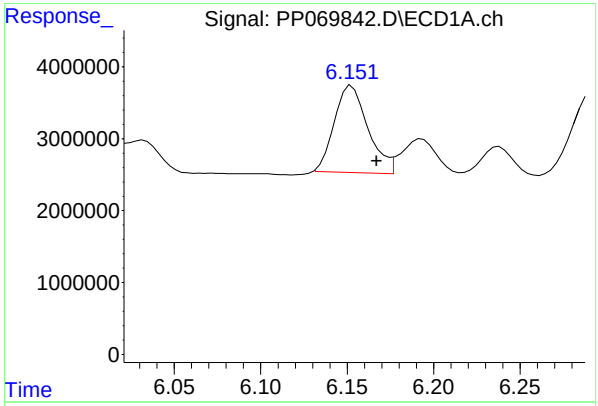
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 18532319
Conc: 529.49 ng/ml



#6 AR-1016-4

R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 9856720
Conc: 488.05 ng/ml



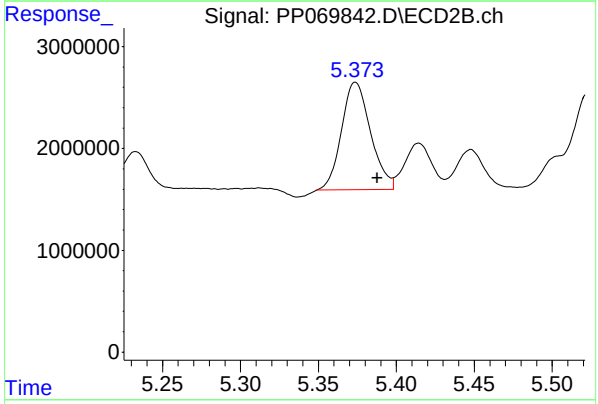
#7 AR-1016-5

R.T.: 6.153 min
Delta R.T.: -0.014 mi
Response: 16258546
Conc: 491.81 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

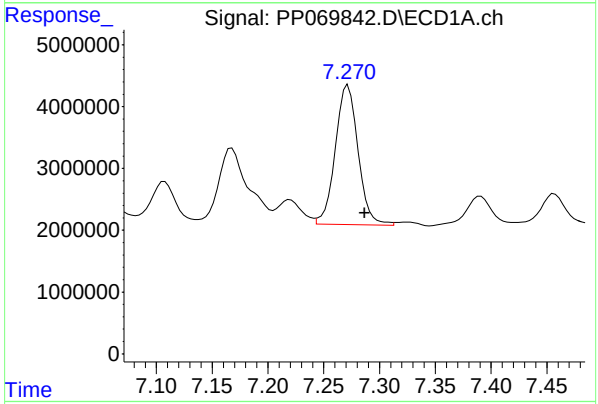
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



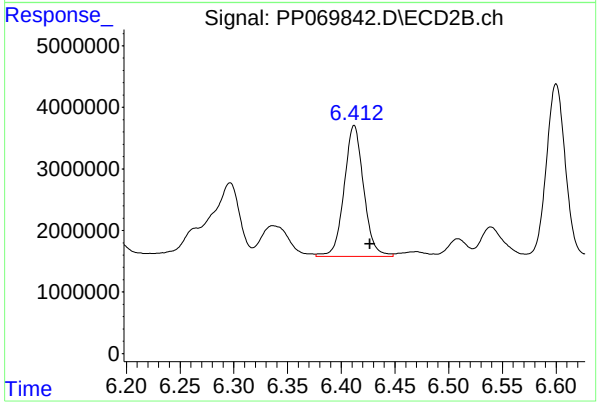
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 13732881
Conc: 511.96 ng/ml m



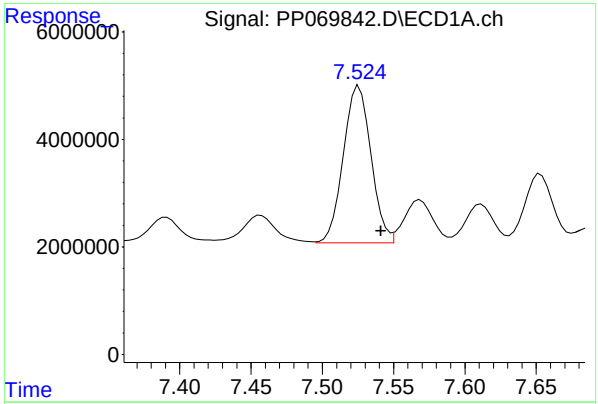
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 31967755
Conc: 547.05 ng/ml



#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 26876118
Conc: 557.25 ng/ml



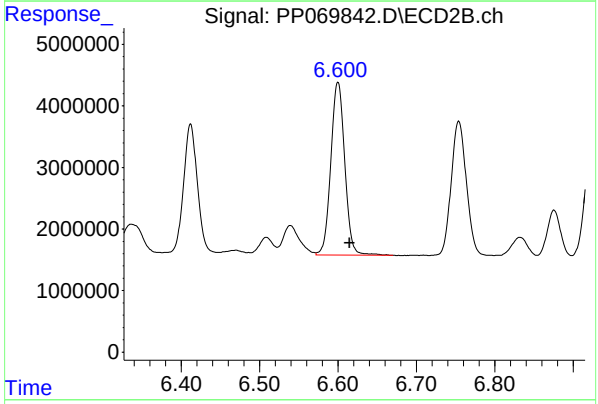
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 39499596
Conc: 507.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

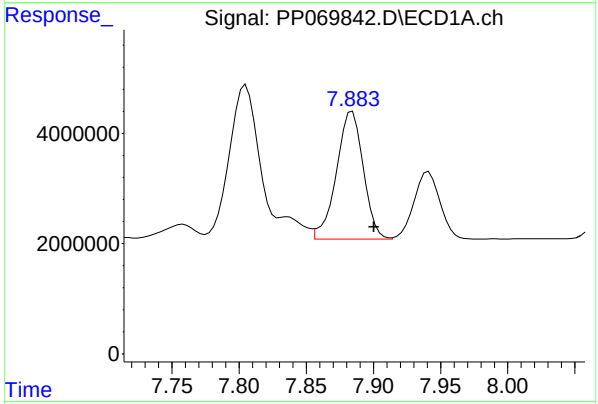
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



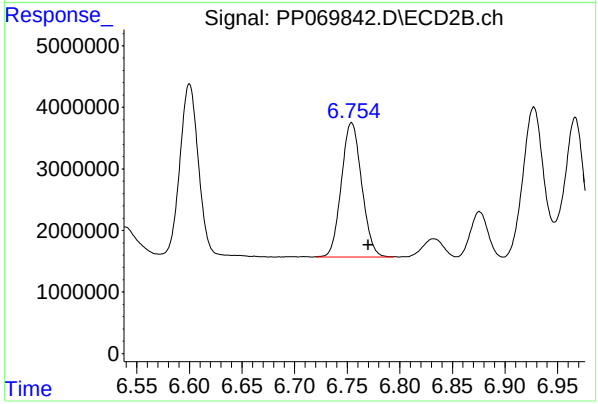
#32 AR-1260-2

R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 34622711
Conc: 564.77 ng/ml



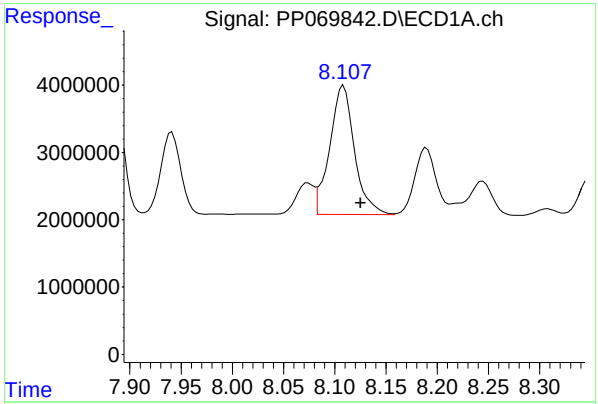
#33 AR-1260-3

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 32317868
Conc: 516.93 ng/ml



#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 29404327
Conc: 488.80 ng/ml m



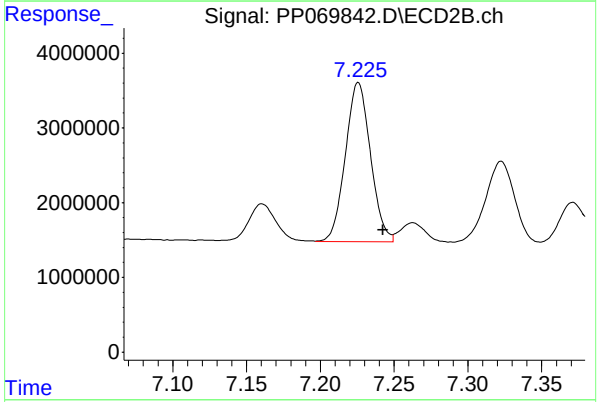
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.017 min
Response: 32188972
Conc: 487.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

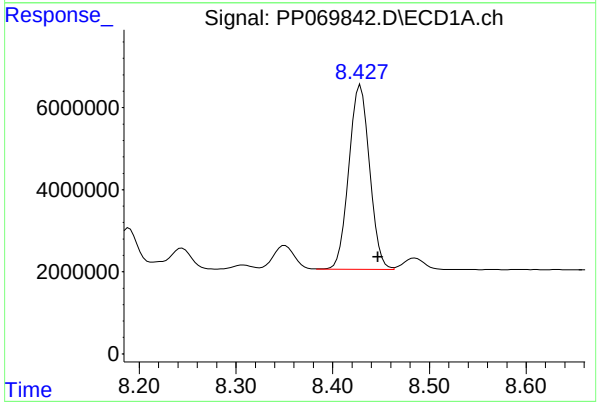
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



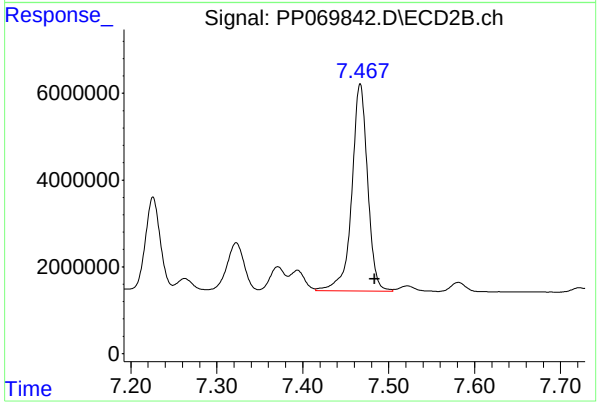
#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 25232314
Conc: 543.01 ng/ml



#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 66762055
Conc: 509.92 ng/ml



#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.017 min
Response: 61138168
Conc: 550.08 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 16:15 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.75	6.76	6.66	6.86	0.01
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.81	7.82	7.72	7.92	0.01
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 16:15 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069845.D **Time Analyzed:** 16:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.530	6.439	6.639	508.870	500.000	1.8
Aroclor-1254-2	6.746	6.656	6.856	561.710	500.000	12.3
Aroclor-1254-3	7.109	7.019	7.219	525.790	500.000	5.2
Aroclor-1254-4	7.391	7.301	7.501	536.840	500.000	7.4
Aroclor-1254-5	7.808	7.719	7.919	518.660	500.000	3.7
Decachlorobiphenyl	10.253	10.175	10.375	52.330	50.000	4.7
Tetrachloro-m-xylene	4.526	4.434	4.634	55.590	50.000	11.2

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069845.D **Time Analyzed:** 16:15

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.728	5.642	5.842	535.410	500.000	7.1
Aroclor-1254-2	5.876	5.790	5.990	537.250	500.000	7.5
Aroclor-1254-3	6.281	6.195	6.395	548.920	500.000	9.8
Aroclor-1254-4	6.509	6.423	6.623	545.020	500.000	9.0
Aroclor-1254-5	6.928	6.844	7.044	549.610	500.000	9.9
Decachlorobiphenyl	8.889	8.809	9.009	49.690	50.000	-0.6
Tetrachloro-m-xylene	3.830	3.740	3.940	54.430	50.000	8.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:15
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 16:27:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.830	79578437	48584347	55.592	54.434m
2)	SA Decachlor...	10.253	8.889	57188403	55581016	52.327	49.693
	Target Compounds						
26)	L6 AR-1254-1	6.530	5.728	29445049	29477186	508.869	535.406
27)	L6 AR-1254-2	6.746	5.876	45072936	25986106	561.713	537.249
28)	L6 AR-1254-3	7.109	6.281	44317866	41660914	525.788	548.920
29)	L6 AR-1254-4	7.391	6.509	36606181	27932056	536.843	545.019
30)	L6 AR-1254-5	7.808	6.928	35292531	36582017	518.656	549.606

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:15
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

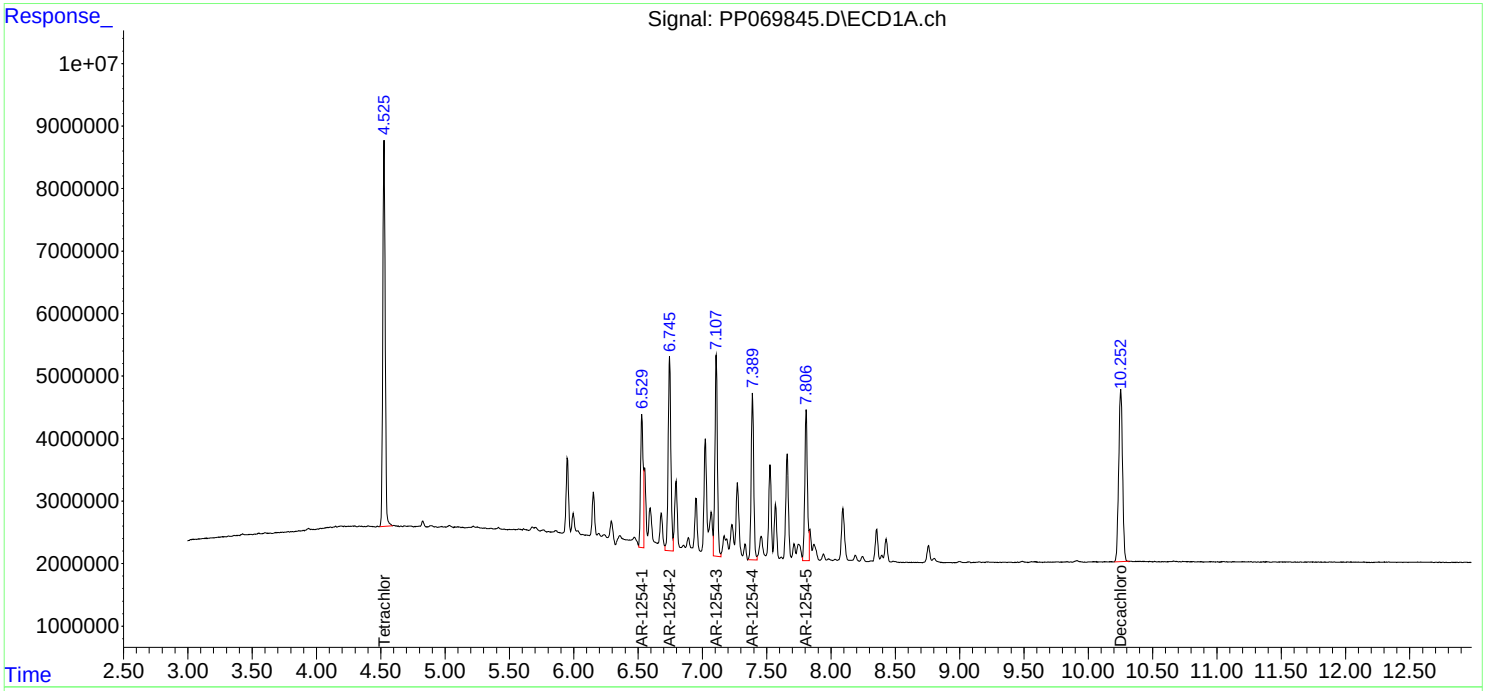
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

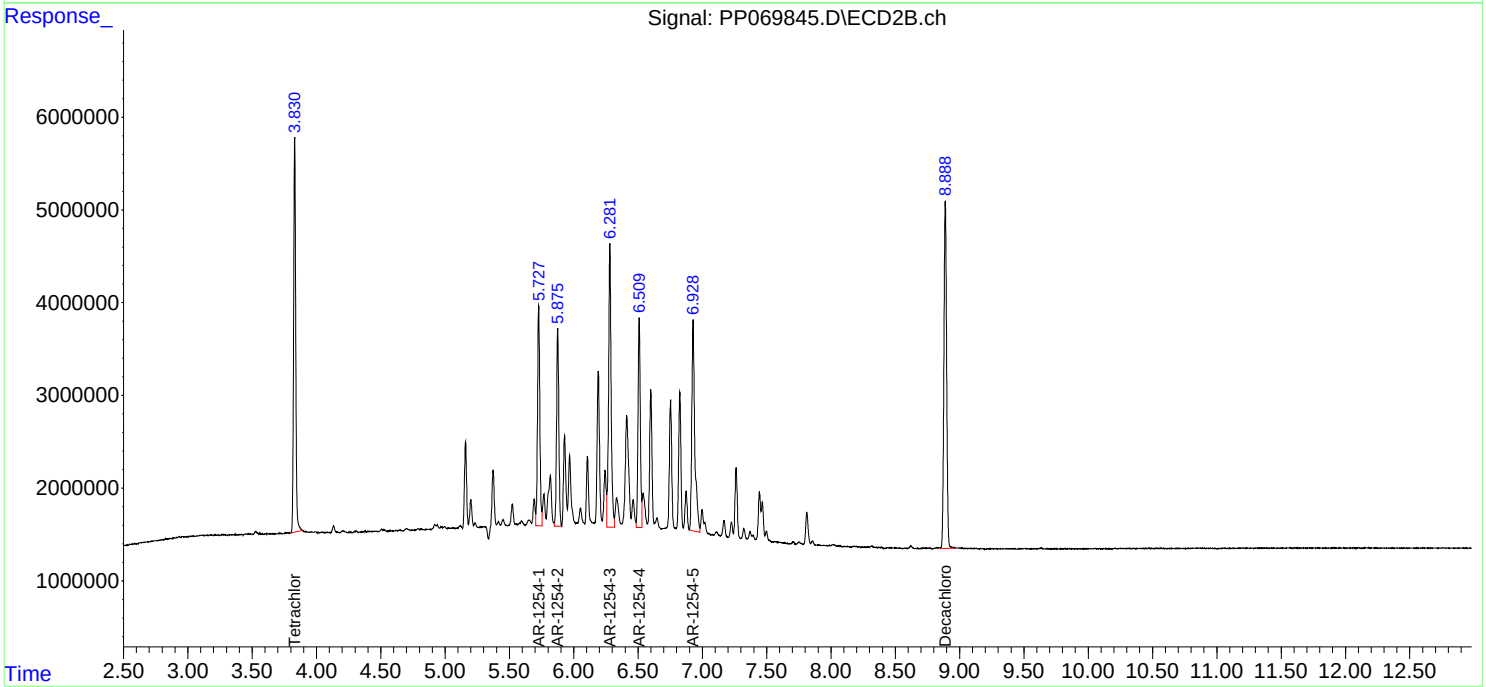
Manual Integrations APPROVED

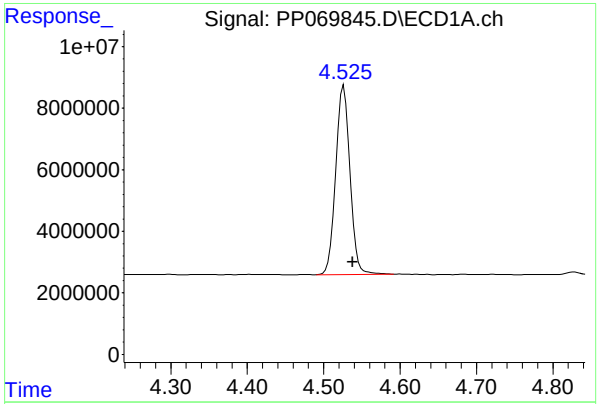
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 16:27:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







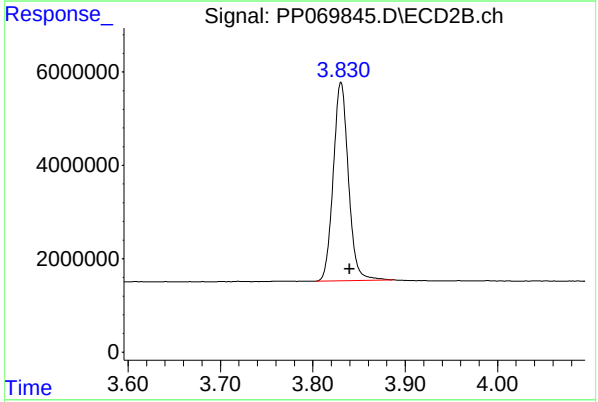
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 mi
Response: 79578437
Conc: 55.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

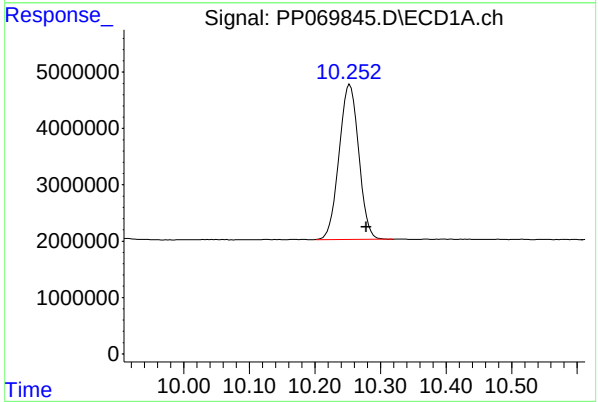
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



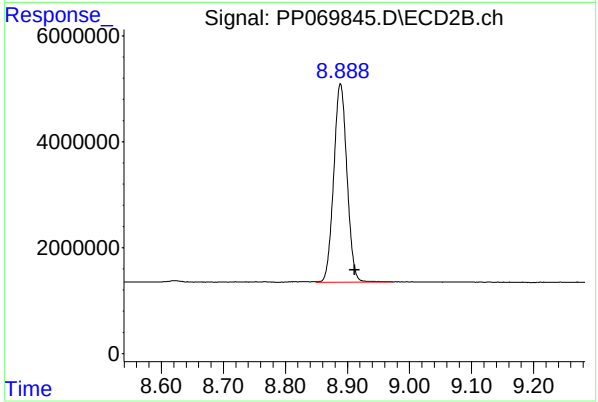
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 48584347
Conc: 54.43 ng/ml m



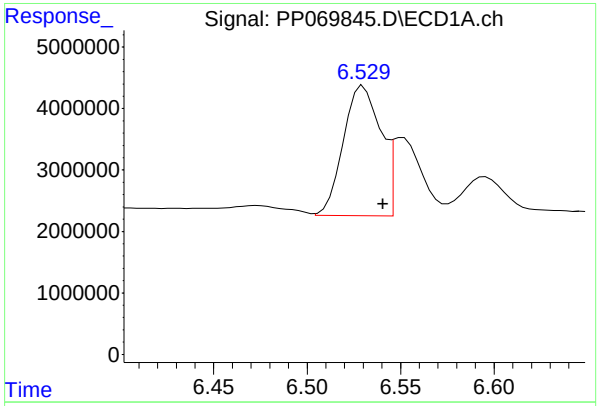
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 57188403
Conc: 52.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 55581016
Conc: 49.69 ng/ml



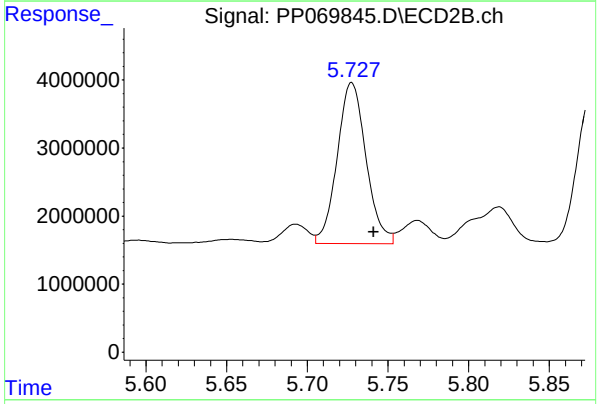
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.010 min
Response: 29445049
Conc: 508.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

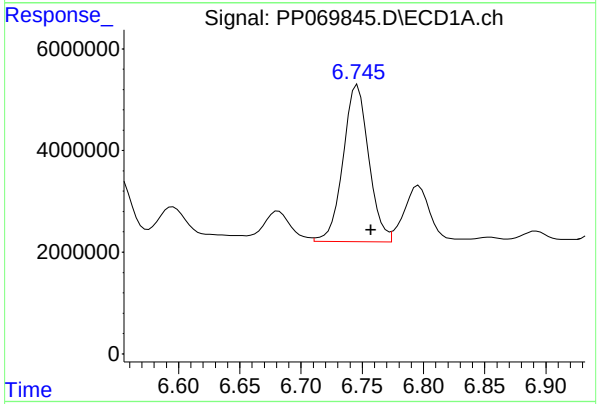
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



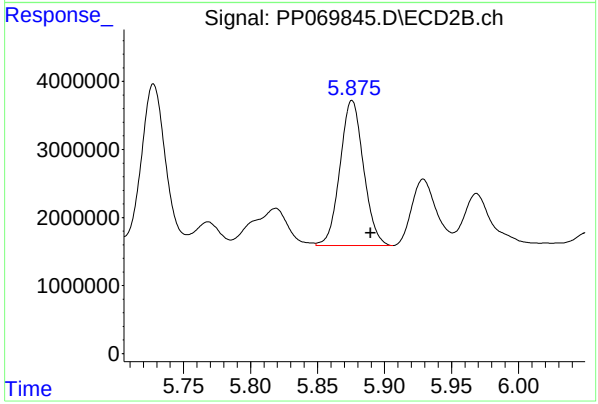
#26 AR-1254-1

R.T.: 5.728 min
Delta R.T.: -0.014 min
Response: 29477186
Conc: 535.41 ng/ml



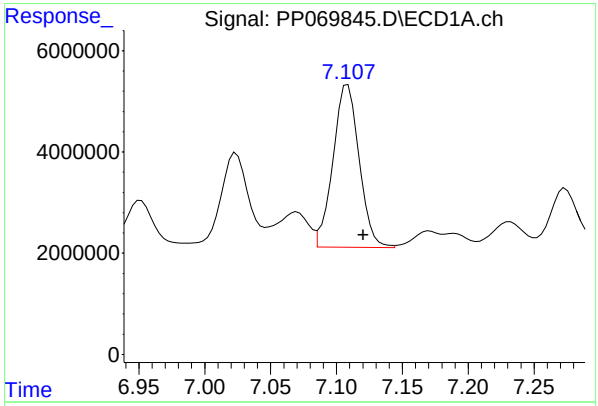
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 45072936
Conc: 561.71 ng/ml



#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 25986106
Conc: 537.25 ng/ml



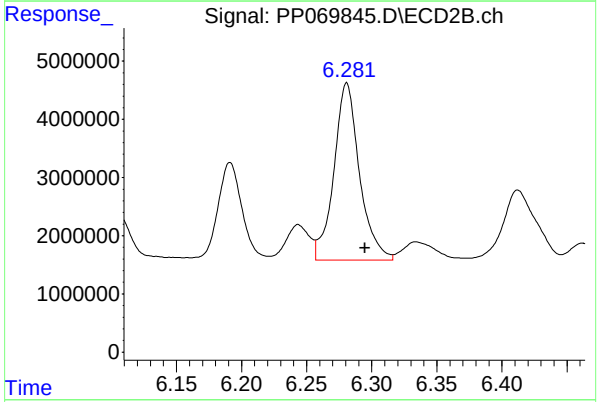
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.012 min
Response: 44317866
Conc: 525.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

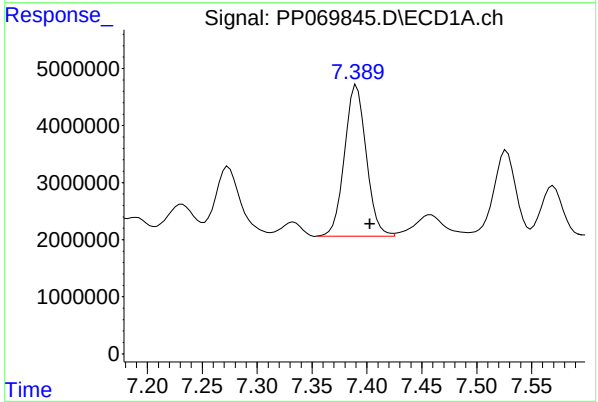
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



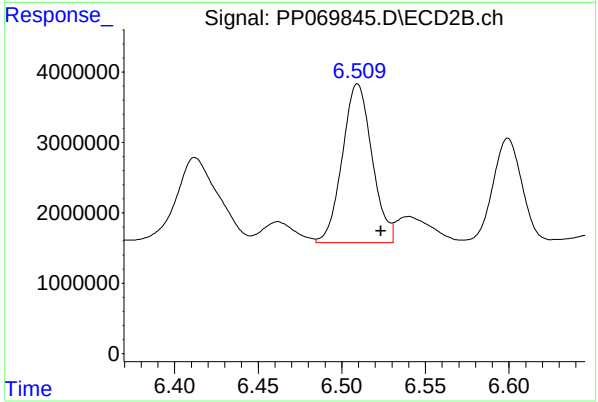
#28 AR-1254-3

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 41660914
Conc: 548.92 ng/ml



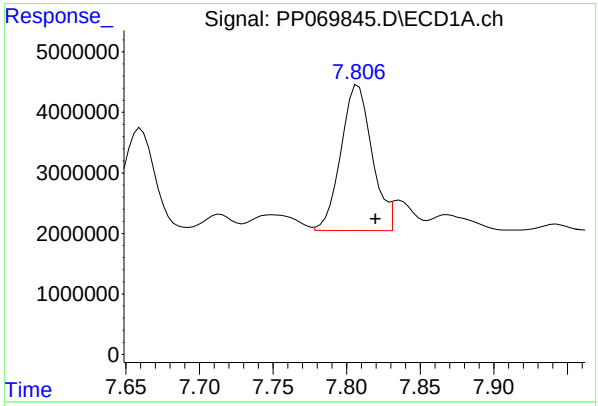
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 36606181
Conc: 536.84 ng/ml



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.014 min
Response: 27932056
Conc: 545.02 ng/ml



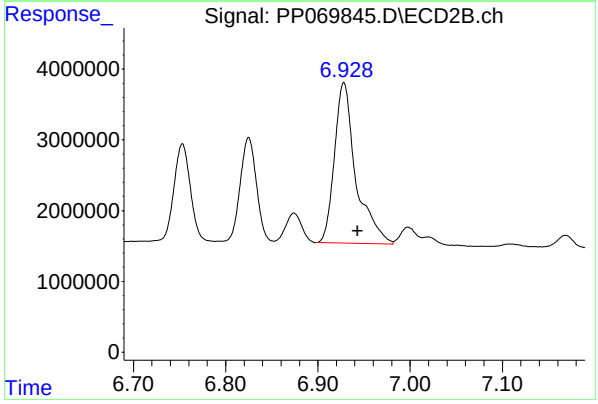
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 35292531
Conc: 518.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 36582017
Conc: 549.61 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 20:18 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 20:18 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069857.D **Time Analyzed:** 20:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.679	5.592	5.792	482.440	500.000	-3.5
Aroclor-1016-2	5.702	5.614	5.814	505.860	500.000	1.2
Aroclor-1016-3	5.764	5.676	5.876	500.320	500.000	0.1
Aroclor-1016-4	5.862	5.774	5.974	517.400	500.000	3.5
Aroclor-1016-5	6.155	6.067	6.267	467.500	500.000	-6.5
Aroclor-1260-1	7.274	7.187	7.387	514.180	500.000	2.8
Aroclor-1260-2	7.528	7.441	7.641	475.840	500.000	-4.8
Aroclor-1260-3	7.886	7.800	8.000	488.150	500.000	-2.4
Aroclor-1260-4	8.111	8.025	8.225	467.550	500.000	-6.5
Aroclor-1260-5	8.431	8.347	8.547	481.930	500.000	-3.6
Decachlorobiphenyl	10.254	10.179	10.379	50.340	50.000	0.7
Tetrachloro-m-xylene	4.528	4.438	4.638	51.890	50.000	3.8

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069857.D **Time Analyzed:** 20:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.919	4.834	5.034	446.890	500.000	-10.6
Aroclor-1016-2	4.939	4.853	5.053	464.700	500.000	-7.1
Aroclor-1016-3	5.116	5.030	5.230	478.460	500.000	-4.3
Aroclor-1016-4	5.158	5.072	5.272	446.550	500.000	-10.7
Aroclor-1016-5	5.373	5.288	5.488	527.390	500.000	5.5
Aroclor-1260-1	6.411	6.326	6.526	500.170	500.000	0.0
Aroclor-1260-2	6.599	6.515	6.715	496.810	500.000	-0.6
Aroclor-1260-3	6.753	6.670	6.870	439.430	500.000	-12.1
Aroclor-1260-4	7.226	7.142	7.342	475.050	500.000	-5.0
Aroclor-1260-5	7.466	7.384	7.584	485.160	500.000	-3.0
Decachlorobiphenyl	8.889	8.811	9.011	44.480	50.000	-11.0
Tetrachloro-m-xylene	3.829	3.740	3.940	50.120	50.000	0.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.829	74273786	44736851	51.886	50.123m
2)	SA Decachlor...	10.254	8.889	55017864	49748869	50.341	44.479
	Target Compounds						
3)	L1 AR-1016-1	5.679	4.919	22352717	14575244	482.436m	446.887m
4)	L1 AR-1016-2	5.702	4.939	34336024	20892241	505.855	464.701
5)	L1 AR-1016-3	5.764	5.116	21312002	11906058	500.322	478.463
6)	L1 AR-1016-4	5.862	5.158	18109375	9018642	517.404	446.550
7)	L1 AR-1016-5	6.155	5.373	15454878	14146523	467.500	527.385
31)	L7 AR-1260-1	7.274	6.411	30046490	24122751	514.175	500.166
32)	L7 AR-1260-2	7.528	6.599	37026605	30456410	475.841	496.812
33)	L7 AR-1260-3	7.886	6.753	30518852	26434354	488.151	439.427m
34)	L7 AR-1260-4	8.111	7.226	30847543	22074431	467.552	475.049
35)	L7 AR-1260-5	8.431	7.466	63097270	53922596	481.931	485.155

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

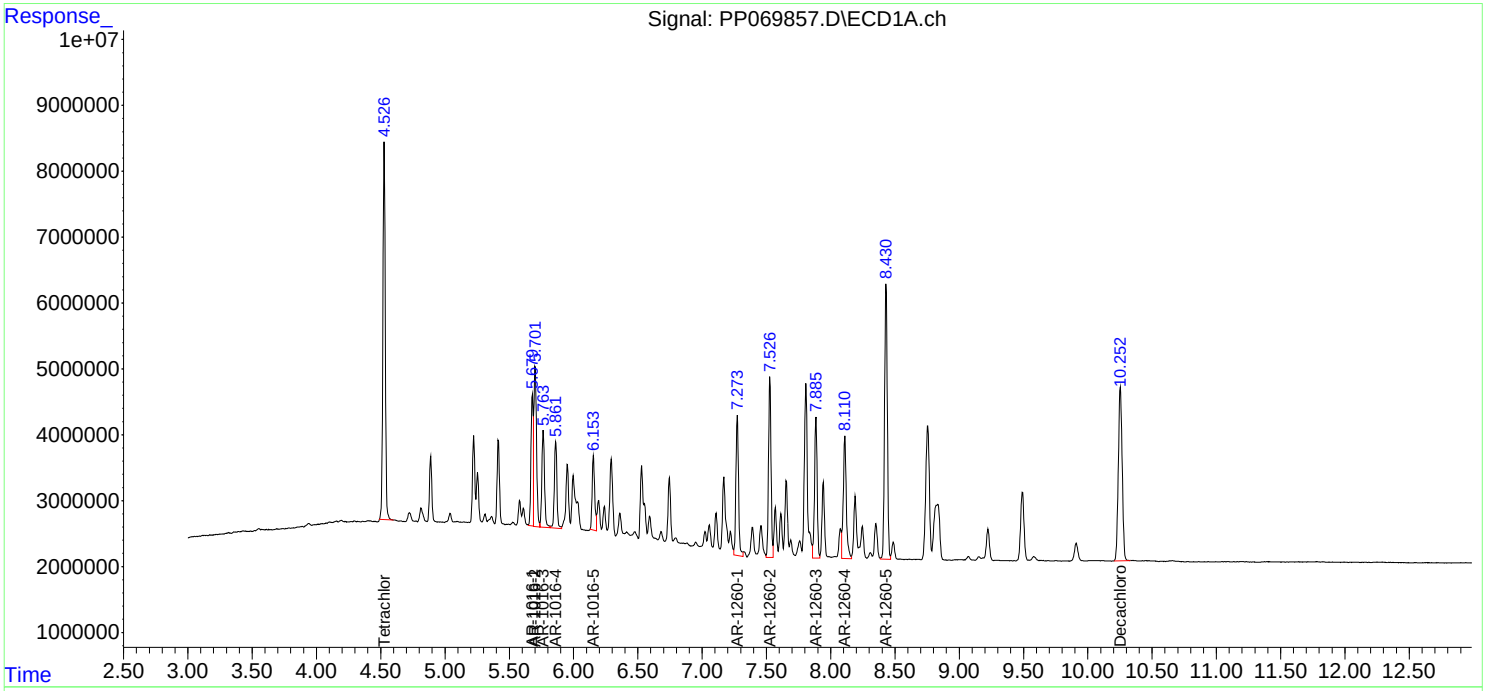
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

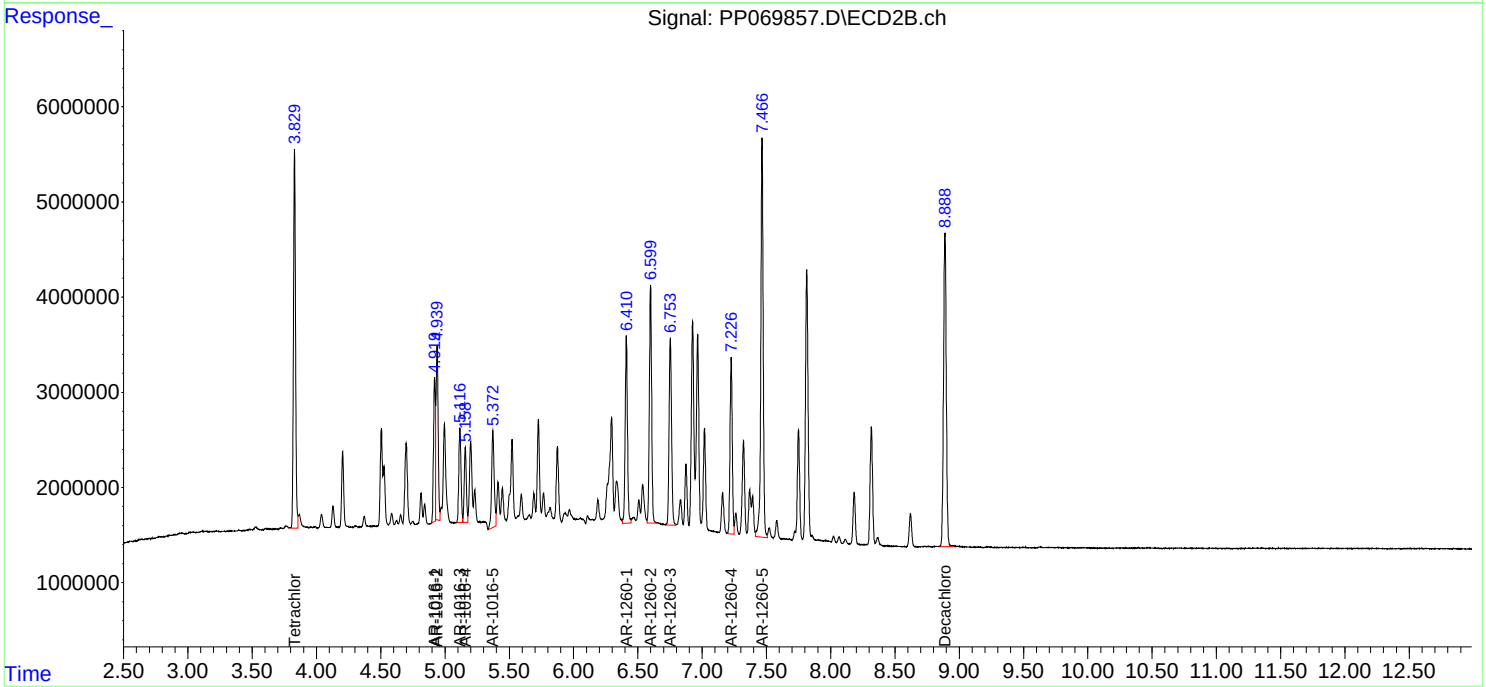
Manual Integrations APPROVED

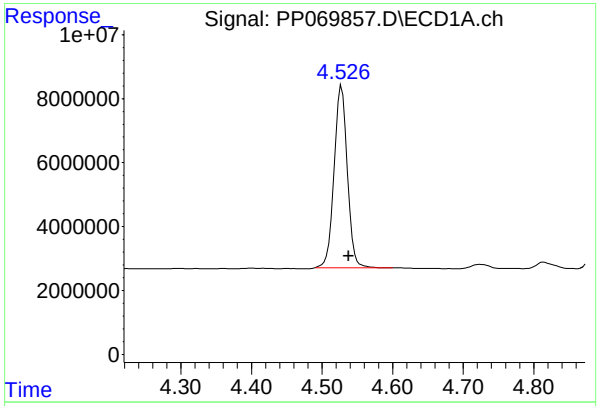
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







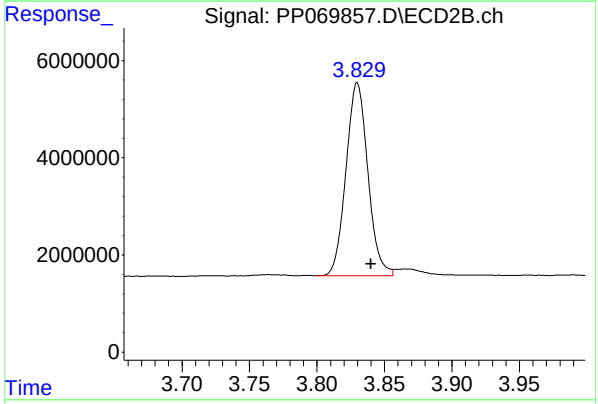
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 74273786
Conc: 51.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

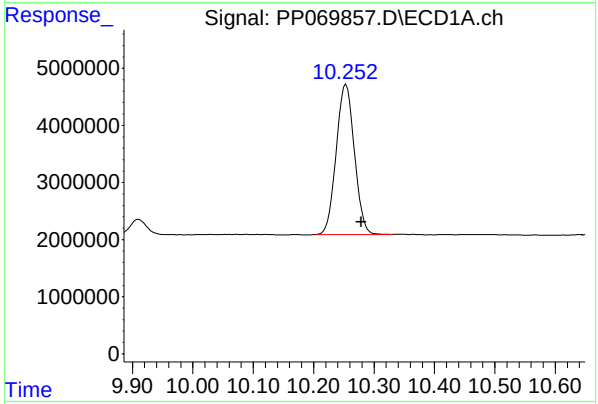
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



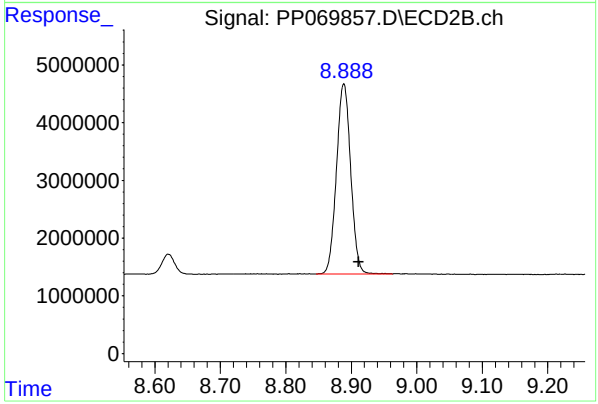
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 44736851
Conc: 50.12 ng/ml m



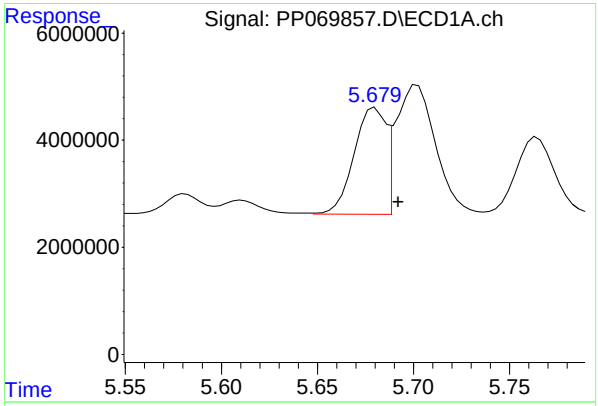
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 55017864
Conc: 50.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 49748869
Conc: 44.48 ng/ml



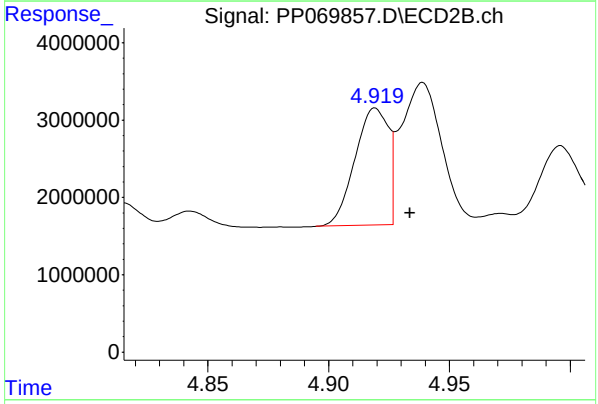
#3 AR-1016-1

R.T.: 5.679 min
Delta R.T.: -0.014 mi
Response: 22352717
Conc: 482.44 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

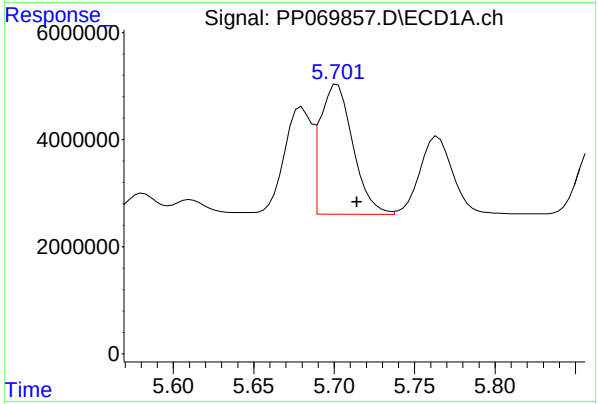
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



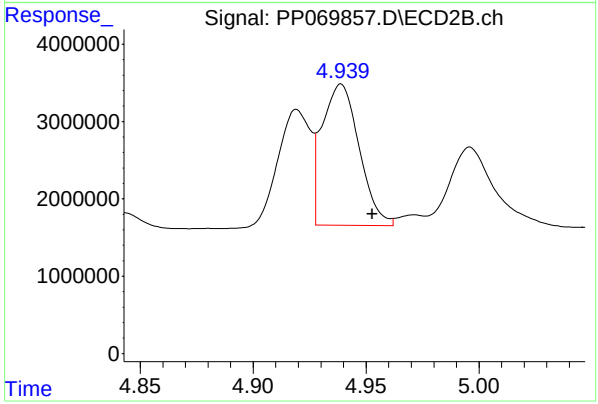
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.015 min
Response: 14575244
Conc: 446.89 ng/ml m



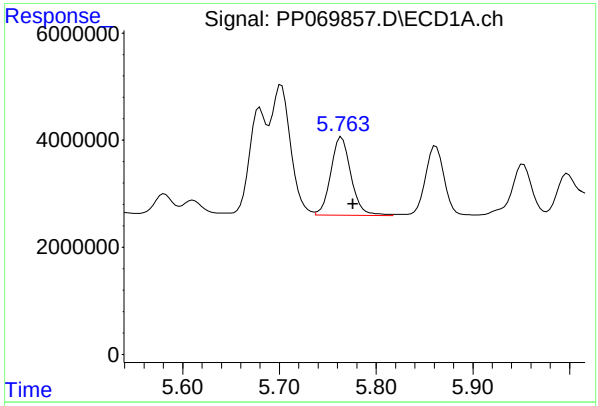
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 34336024
Conc: 505.86 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20892241
Conc: 464.70 ng/ml



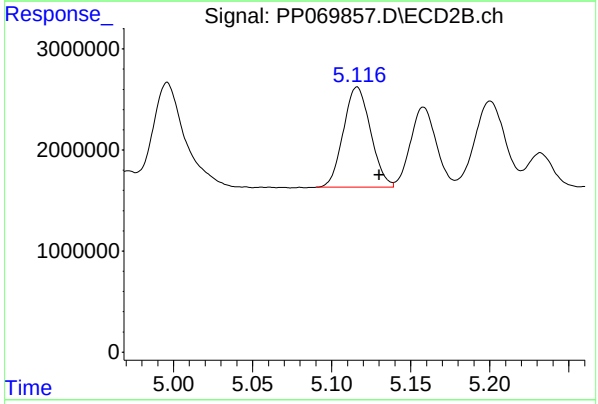
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 21312002
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

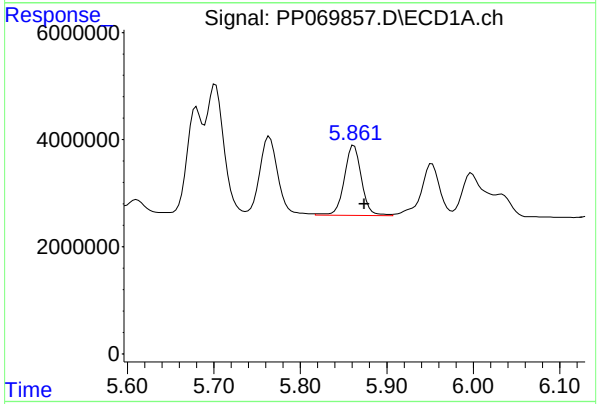
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



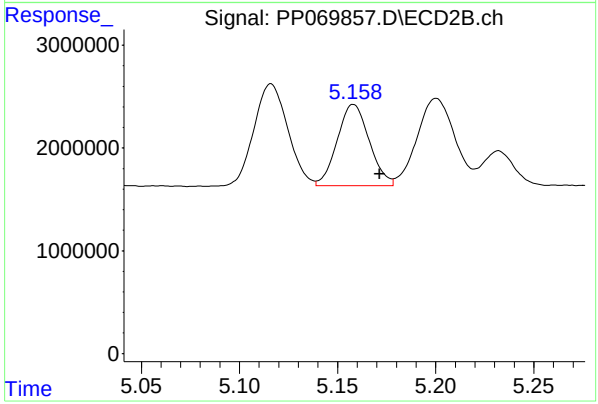
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 11906058
Conc: 478.46 ng/ml



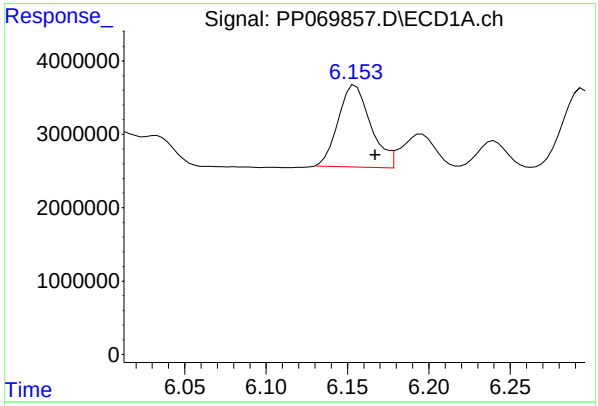
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 18109375
Conc: 517.40 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9018642
Conc: 446.55 ng/ml



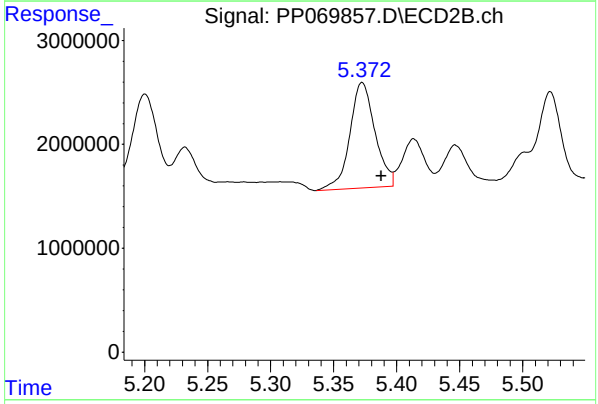
#7 AR-1016-5

R.T.: 6.155 min
Delta R.T.: -0.012 min
Response: 15454878
Conc: 467.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

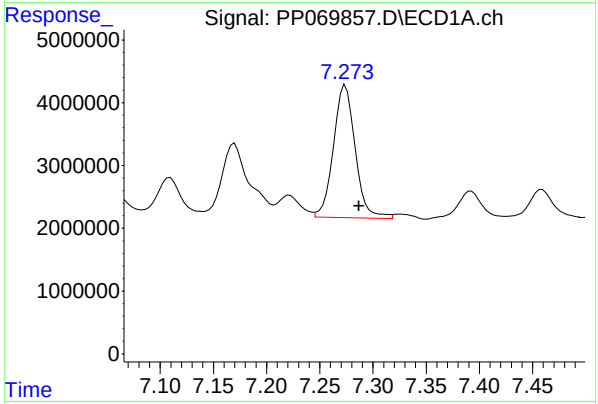
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



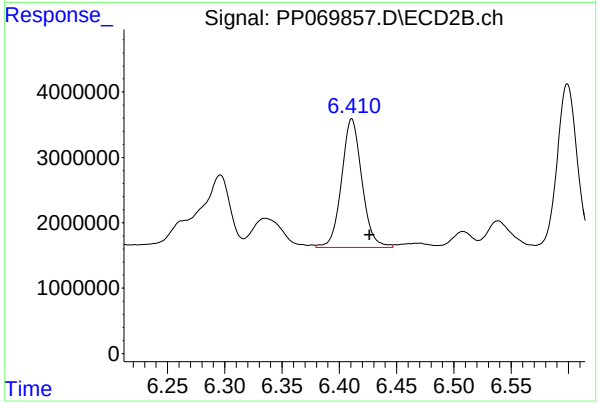
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 14146523
Conc: 527.39 ng/ml



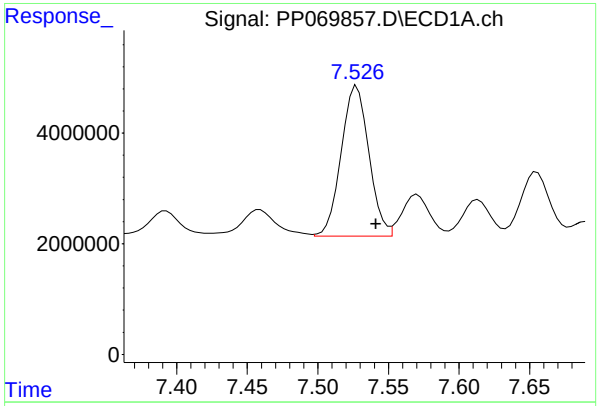
#31 AR-1260-1

R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 30046490
Conc: 514.18 ng/ml



#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 24122751
Conc: 500.17 ng/ml



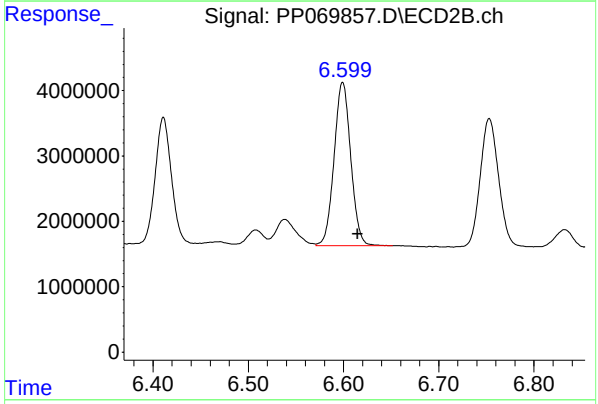
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.014 mi
Response: 37026605
Conc: 475.84 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

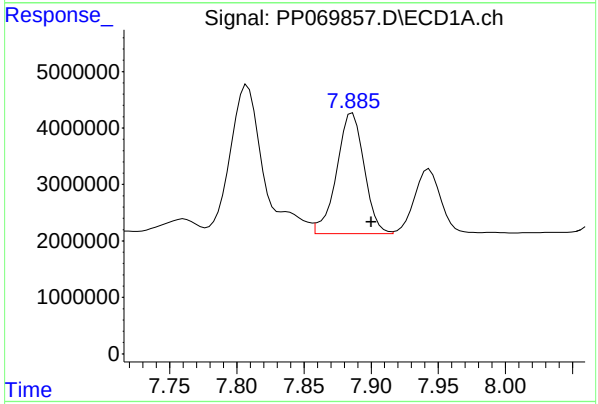
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



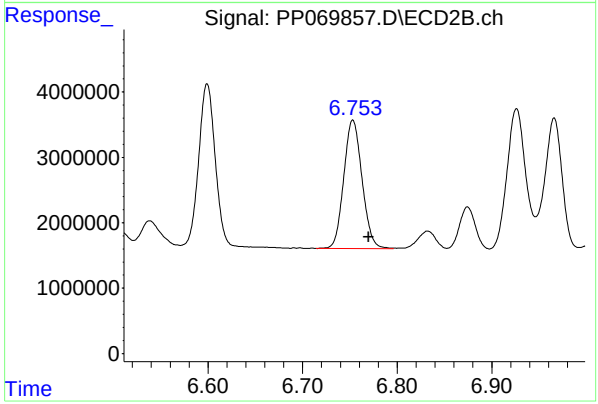
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 30456410
Conc: 496.81 ng/ml



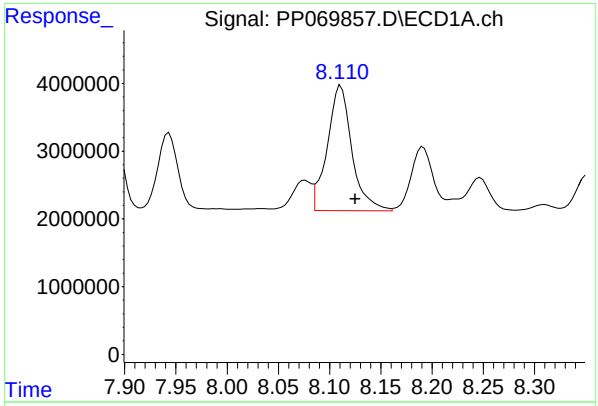
#33 AR-1260-3

R.T.: 7.886 min
Delta R.T.: -0.014 min
Response: 30518852
Conc: 488.15 ng/ml



#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 26434354
Conc: 439.43 ng/ml m



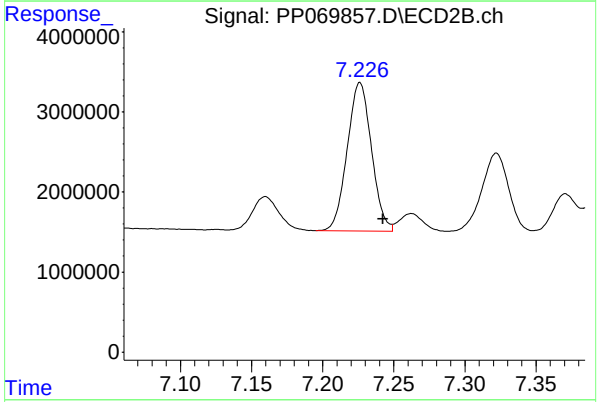
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.014 min
Response: 30847543
Conc: 467.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

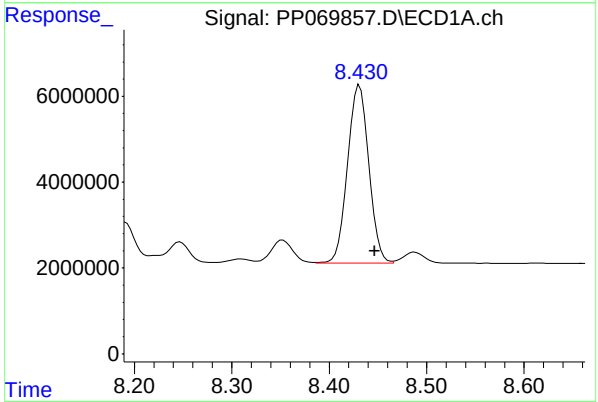
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



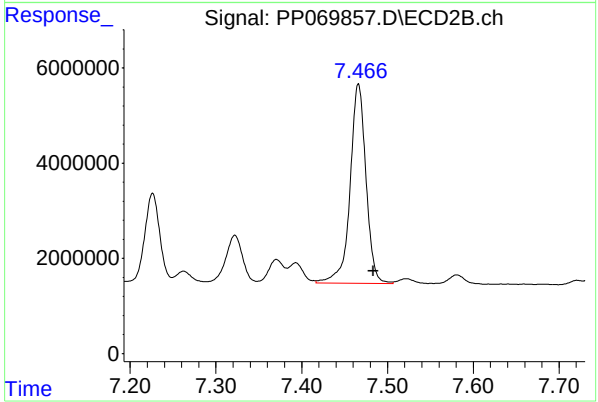
#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 22074431
Conc: 475.05 ng/ml



#35 AR-1260-5

R.T.: 8.431 min
Delta R.T.: -0.016 min
Response: 63097270
Conc: 481.93 ng/ml



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 53922596
Conc: 485.16 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:23 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.80	7.82	7.72	7.92	0.02
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:23 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069860.D **Time Analyzed:** 21:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.525	6.439	6.639	464.010	500.000	-7.2
Aroclor-1254-2	6.742	6.656	6.856	546.680	500.000	9.3
Aroclor-1254-3	7.105	7.019	7.219	516.820	500.000	3.4
Aroclor-1254-4	7.387	7.301	7.501	526.820	500.000	5.4
Aroclor-1254-5	7.803	7.719	7.919	478.070	500.000	-4.4
Decachlorobiphenyl	10.250	10.175	10.375	51.860	50.000	3.7
Tetrachloro-m-xylene	4.524	4.434	4.634	54.550	50.000	9.1

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069860.D **Time Analyzed:** 21:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.727	5.642	5.842	504.880	500.000	1.0
Aroclor-1254-2	5.875	5.790	5.990	499.940	500.000	0.0
Aroclor-1254-3	6.280	6.195	6.395	500.560	500.000	0.1
Aroclor-1254-4	6.509	6.423	6.623	507.630	500.000	1.5
Aroclor-1254-5	6.928	6.844	7.044	497.110	500.000	-0.6
Decachlorobiphenyl	8.888	8.809	9.009	50.310	50.000	0.6
Tetrachloro-m-xylene	3.830	3.740	3.940	53.290	50.000	6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	78093128	47565043	54.554	53.292m
2)	SA Decachlor...	10.250	8.888	56677888	56266174	51.860	50.306
	Target Compounds						
26)	L6 AR-1254-1	6.525	5.727	26849346	27796555	464.010m	504.880
27)	L6 AR-1254-2	6.742	5.875	43866222	24181699	546.675	499.944
28)	L6 AR-1254-3	7.105	6.280	43561594	37990877	516.816	500.564
29)	L6 AR-1254-4	7.387	6.509	35922940	26015860	526.823	507.629
30)	L6 AR-1254-5	7.803	6.928	32530785	33088182	478.069m	497.115

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

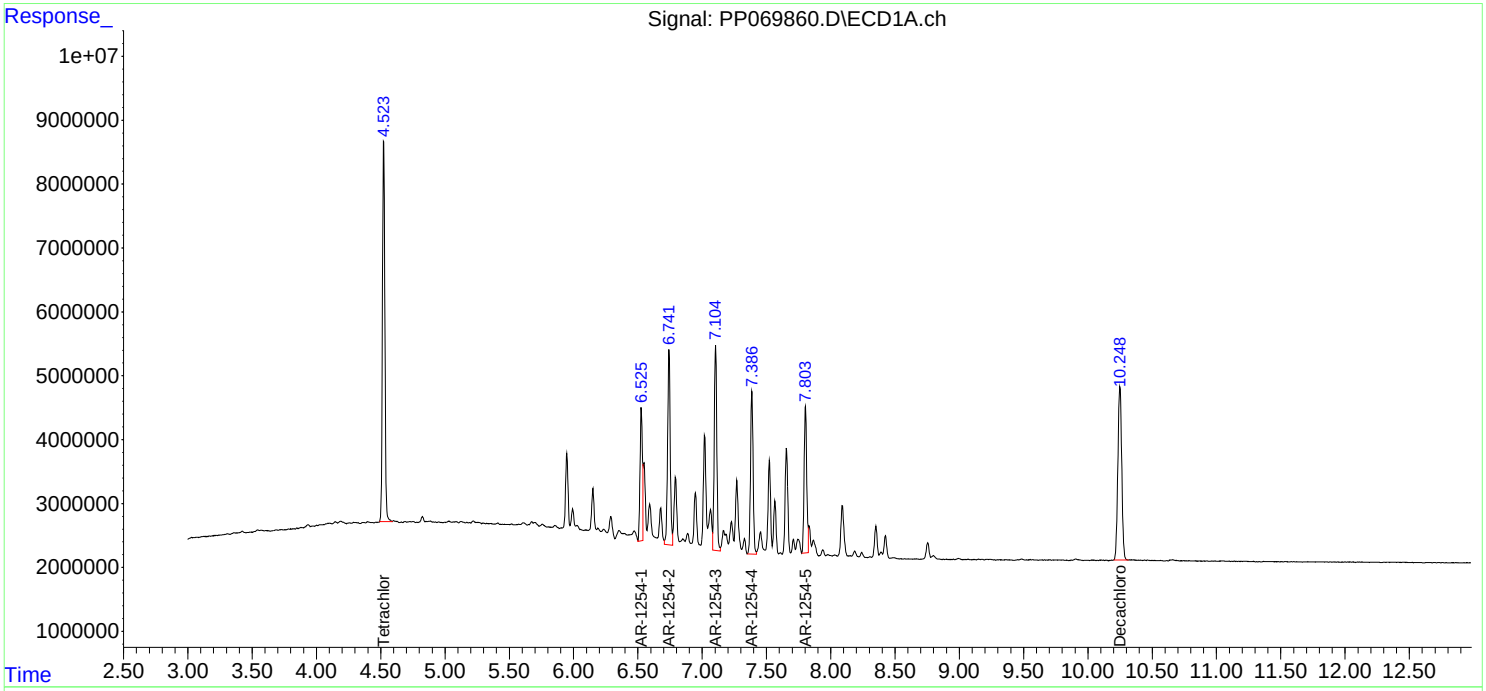
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

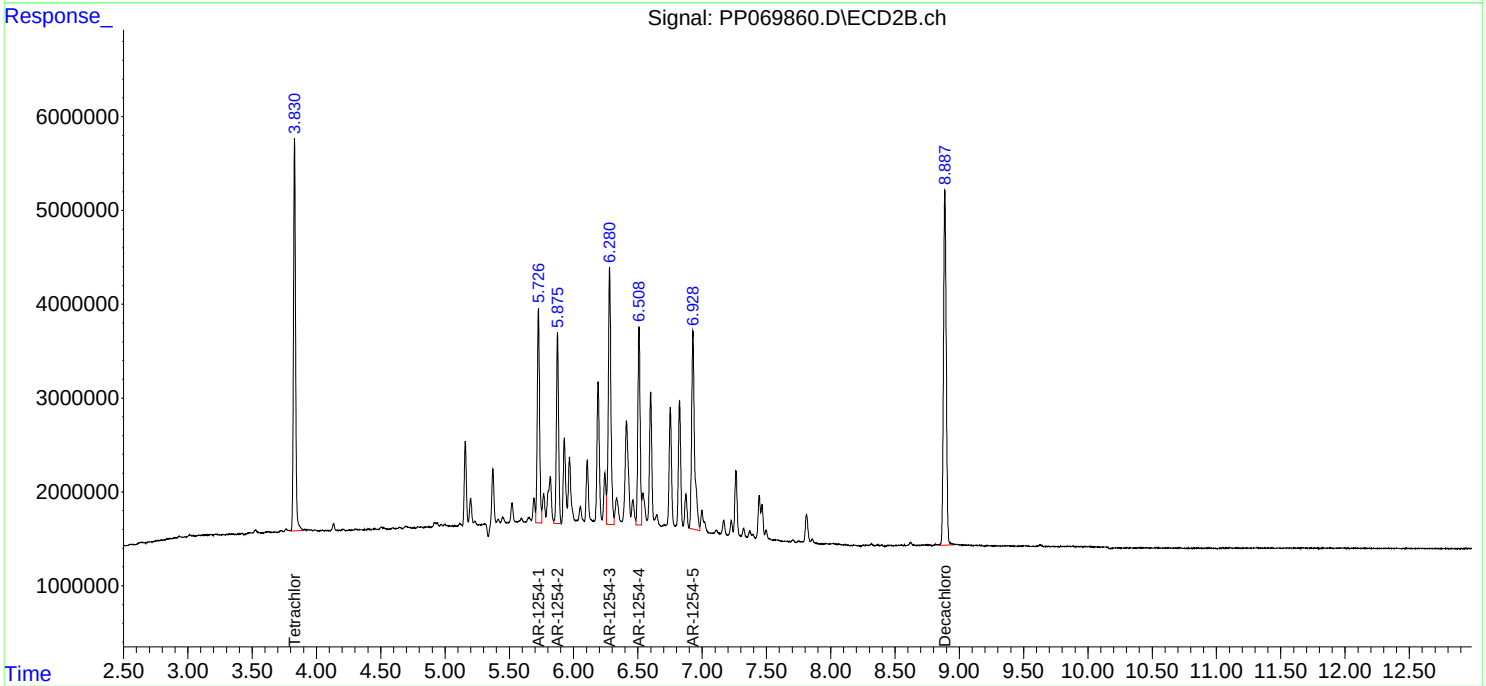
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

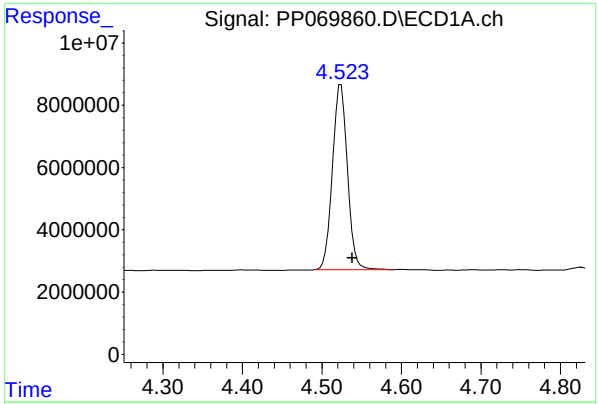
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







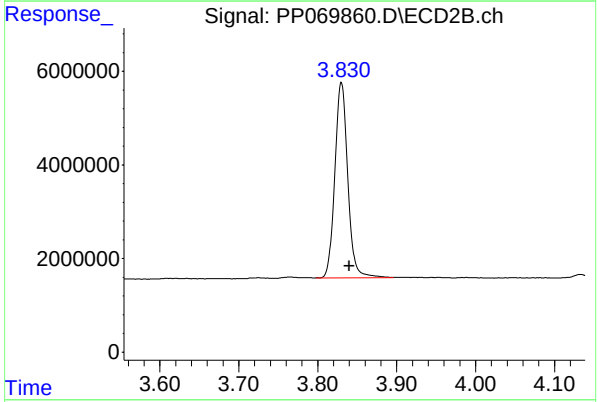
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 78093128
Conc: 54.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

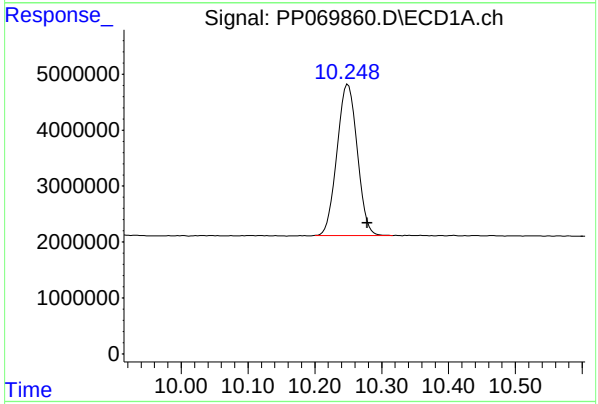
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



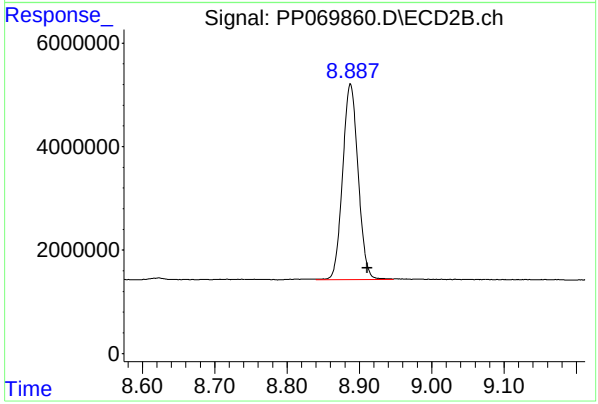
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 47565043
Conc: 53.29 ng/ml m



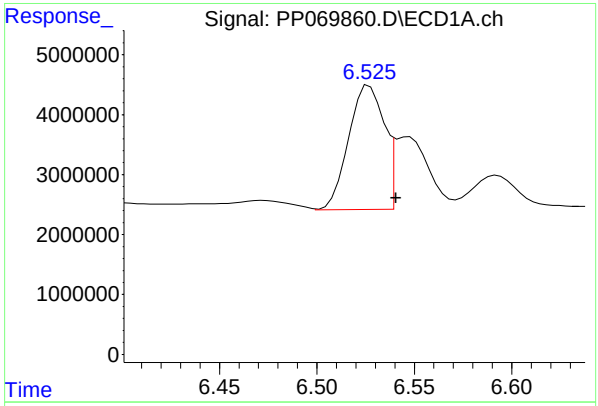
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 56677888
Conc: 51.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 56266174
Conc: 50.31 ng/ml



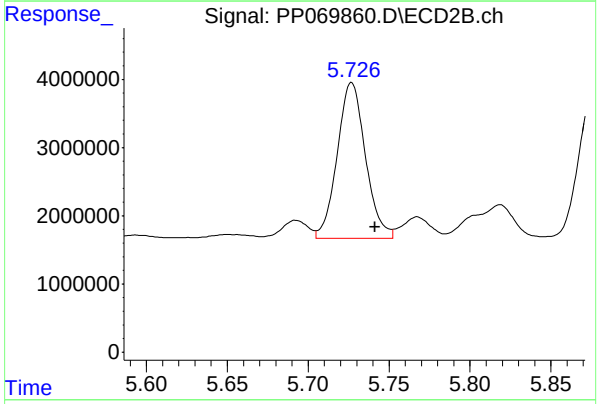
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.015 min
Response: 26849346
Conc: 464.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

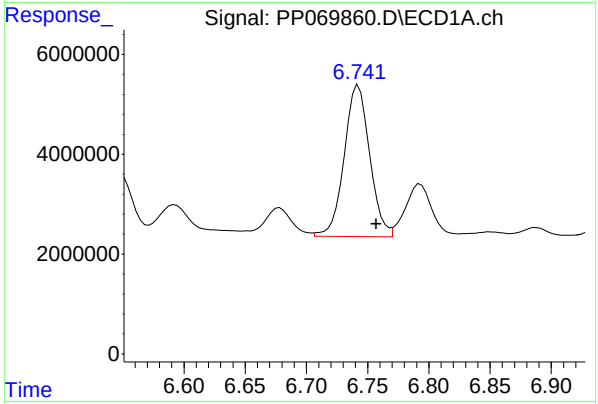
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



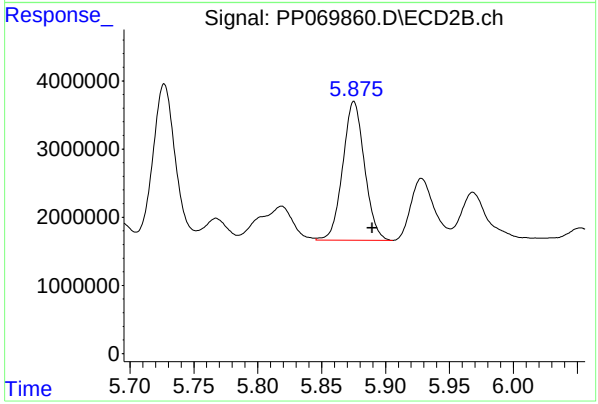
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27796555
Conc: 504.88 ng/ml



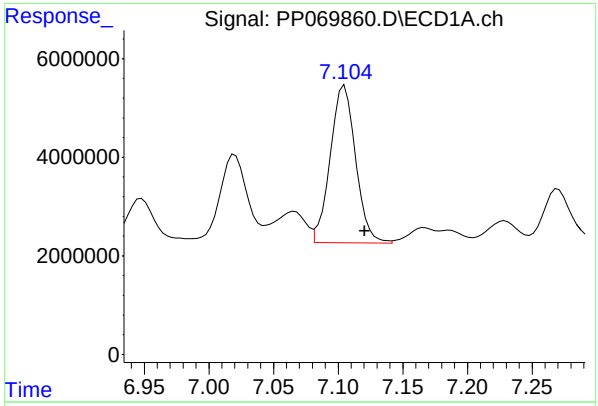
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 43866222
Conc: 546.68 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24181699
Conc: 499.94 ng/ml



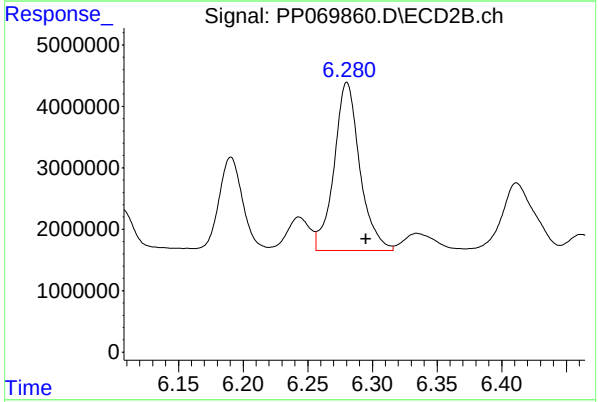
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 43561594
Conc: 516.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

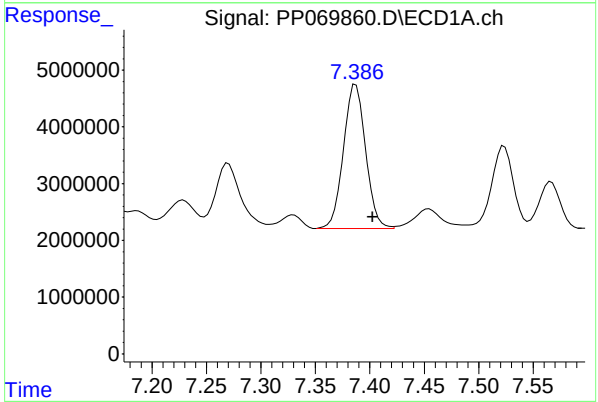
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



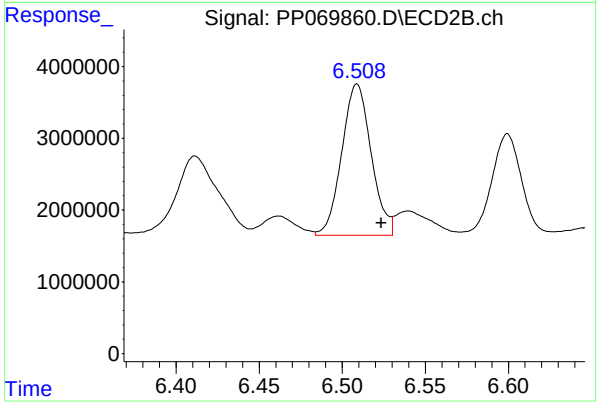
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 37990877
Conc: 500.56 ng/ml



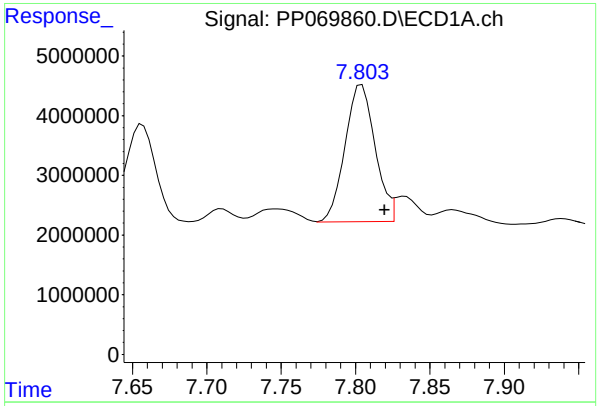
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 35922940
Conc: 526.82 ng/ml



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 26015860
Conc: 507.63 ng/ml



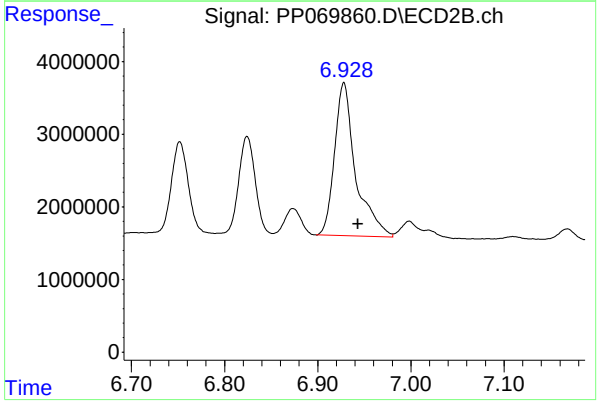
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.017 min
Response: 32530785
Conc: 478.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 33088182
Conc: 497.11 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 17:03 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.52	4.54	4.44	4.64	0.02
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 17:03 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL07 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069917.D **Time Analyzed:** 17:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.677	5.592	5.792	498.870	500.000	-0.2
Aroclor-1016-2	5.700	5.614	5.814	524.890	500.000	5.0
Aroclor-1016-3	5.762	5.676	5.876	506.260	500.000	1.3
Aroclor-1016-4	5.860	5.774	5.974	511.780	500.000	2.4
Aroclor-1016-5	6.151	6.067	6.267	515.140	500.000	3.0
Aroclor-1260-1	7.272	7.187	7.387	528.180	500.000	5.6
Aroclor-1260-2	7.526	7.441	7.641	498.650	500.000	-0.3
Aroclor-1260-3	7.885	7.800	8.000	513.520	500.000	2.7
Aroclor-1260-4	8.109	8.025	8.225	486.170	500.000	-2.8
Aroclor-1260-5	8.429	8.347	8.547	502.940	500.000	0.6
Decachlorobiphenyl	10.252	10.179	10.379	52.360	50.000	4.7
Tetrachloro-m-xylene	4.524	4.438	4.638	53.840	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

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL07 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069917.D **Time Analyzed:** 17:03

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.919	4.834	5.034	507.320	500.000	1.5
Aroclor-1016-2	4.939	4.853	5.053	487.140	500.000	-2.6
Aroclor-1016-3	5.117	5.030	5.230	504.060	500.000	0.8
Aroclor-1016-4	5.158	5.072	5.272	470.460	500.000	-5.9
Aroclor-1016-5	5.373	5.288	5.488	500.290	500.000	0.1
Aroclor-1260-1	6.412	6.326	6.526	539.520	500.000	7.9
Aroclor-1260-2	6.600	6.515	6.715	548.700	500.000	9.7
Aroclor-1260-3	6.754	6.670	6.870	478.090	500.000	-4.4
Aroclor-1260-4	7.227	7.142	7.342	534.290	500.000	6.9
Aroclor-1260-5	7.467	7.384	7.584	545.220	500.000	9.0
Decachlorobiphenyl	8.889	8.811	9.011	50.550	50.000	1.1
Tetrachloro-m-xylene	3.830	3.740	3.940	52.130	50.000	4.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:03
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:50:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	77075011	46524845	53.843m	52.126m
2)	SA Decachlor...	10.252	8.889	57225239	56542283	52.361	50.553
	Target Compounds						
3)	L1 AR-1016-1	5.677	4.919	23113985	16546304	498.867m	507.321m
4)	L1 AR-1016-2	5.700	4.939	35628299	21901219	524.894	487.144
5)	L1 AR-1016-3	5.762	5.117	21564810	12543077	506.257	504.062
6)	L1 AR-1016-4	5.860	5.158	17912421	9501531	511.777	470.460
7)	L1 AR-1016-5	6.151	5.373	17029819	13419837	515.141m	500.294m
31)	L7 AR-1260-1	7.272	6.412	30865026	26020594	528.183	539.516
32)	L7 AR-1260-2	7.526	6.600	38801748	33637161	498.654	548.697
33)	L7 AR-1260-3	7.885	6.754	32104881	28760409	513.520	478.094m
34)	L7 AR-1260-4	8.109	7.227	32076030	24827098	486.172	534.287
35)	L7 AR-1260-5	8.429	7.467	65847835	60598421	502.940	545.219

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:03
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

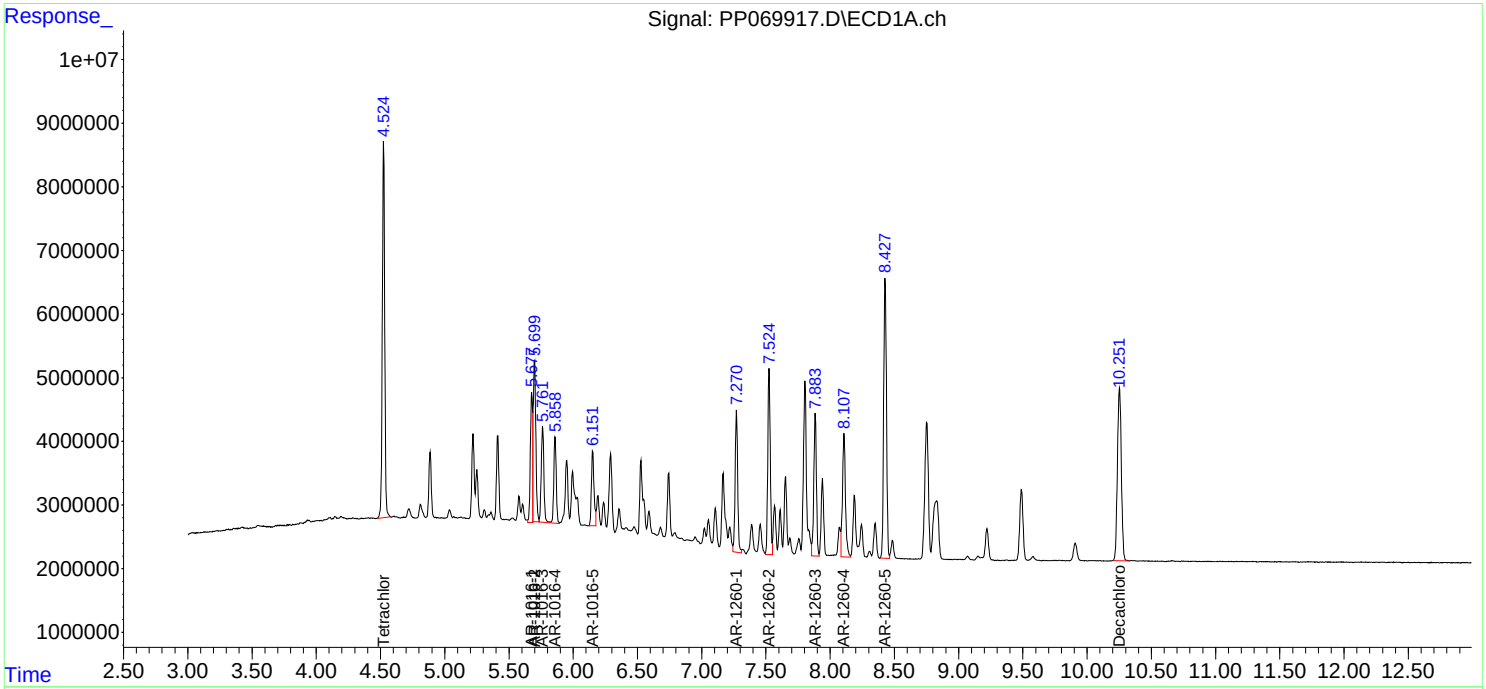
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

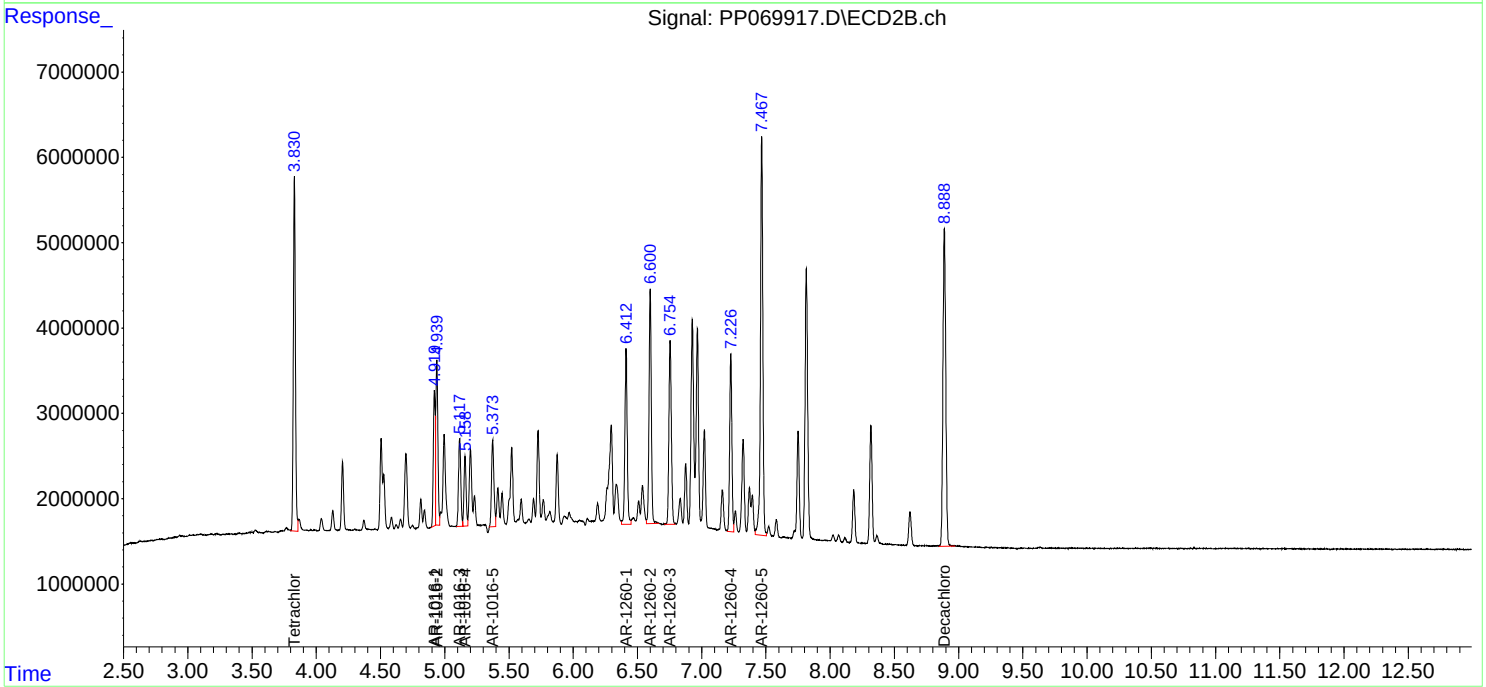
Manual Integrations APPROVED

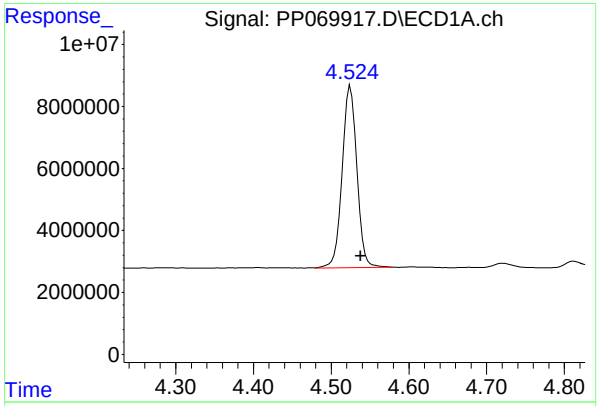
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:50:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







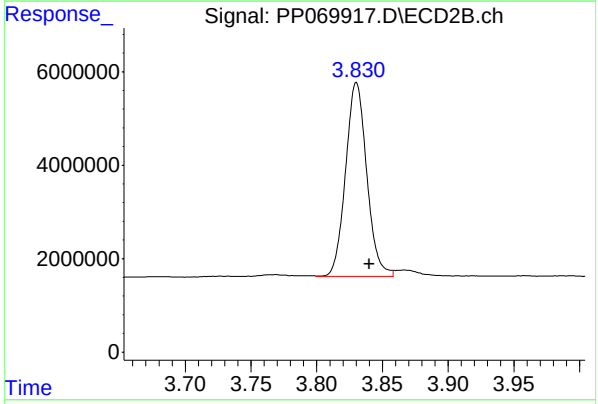
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 mi
Response: 77075011
Conc: 53.84 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

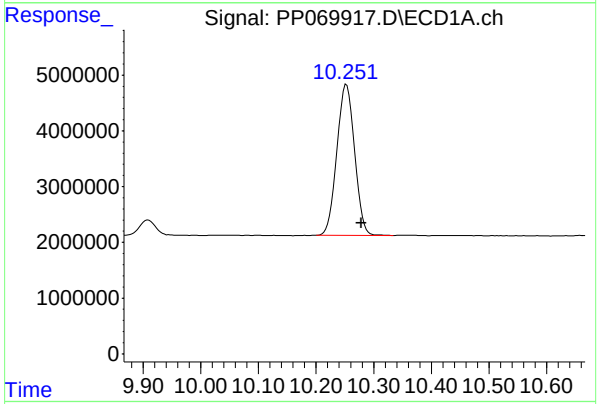
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



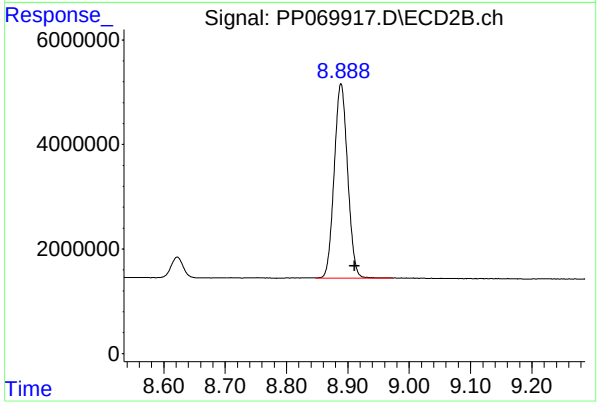
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 46524845
Conc: 52.13 ng/ml m



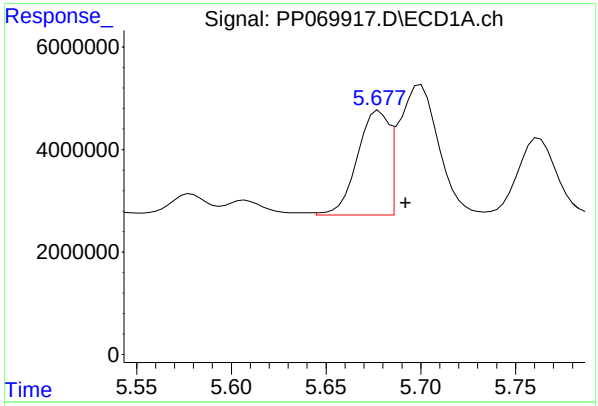
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 57225239
Conc: 52.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56542283
Conc: 50.55 ng/ml



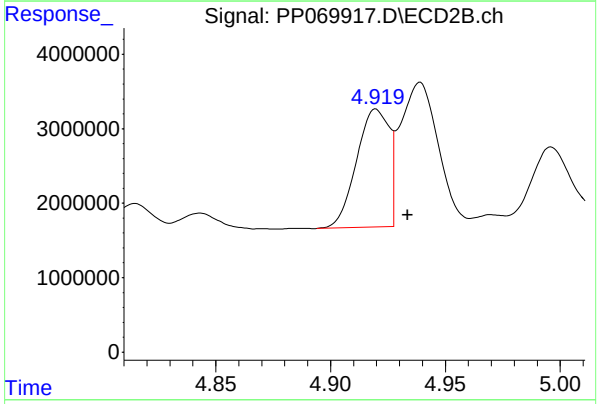
#3 AR-1016-1

R.T.: 5.677 min
Delta R.T.: -0.015 mi
Response: 23113985
Conc: 498.87 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

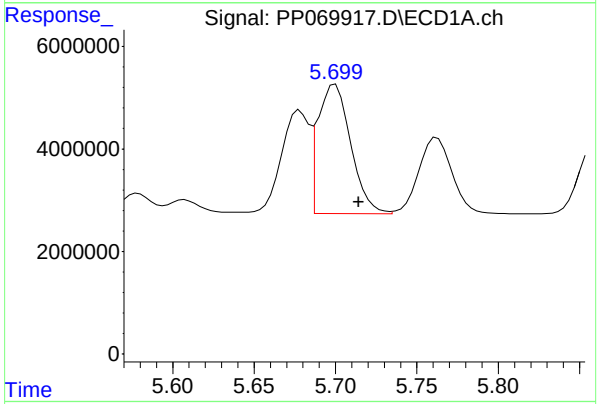
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



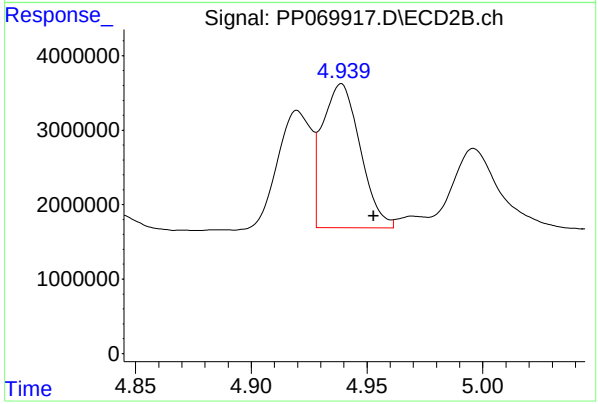
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.014 min
Response: 16546304
Conc: 507.32 ng/ml m



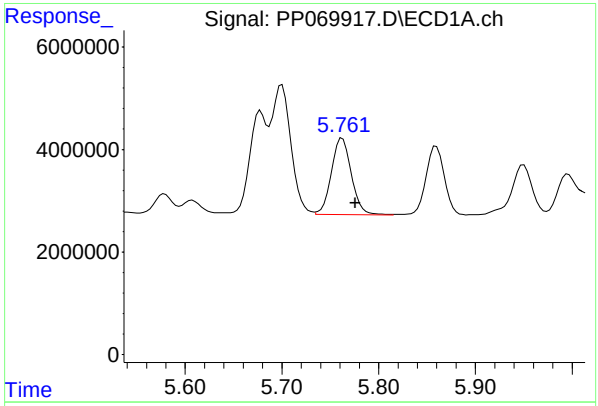
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 35628299
Conc: 524.89 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 21901219
Conc: 487.14 ng/ml



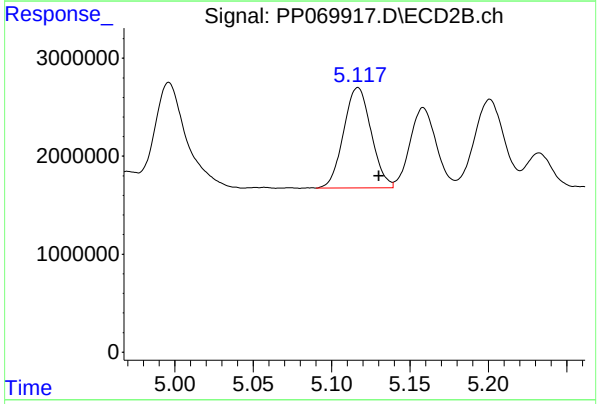
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 21564810
Conc: 506.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

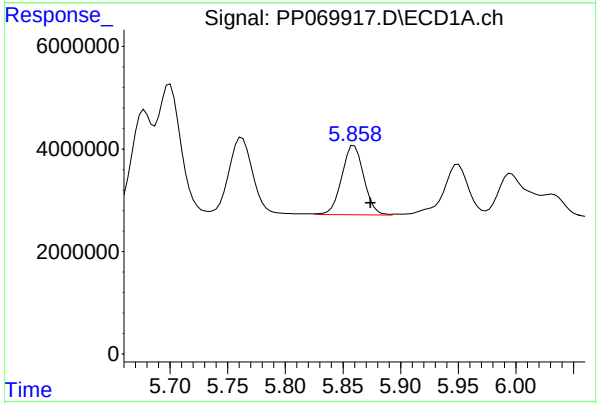
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



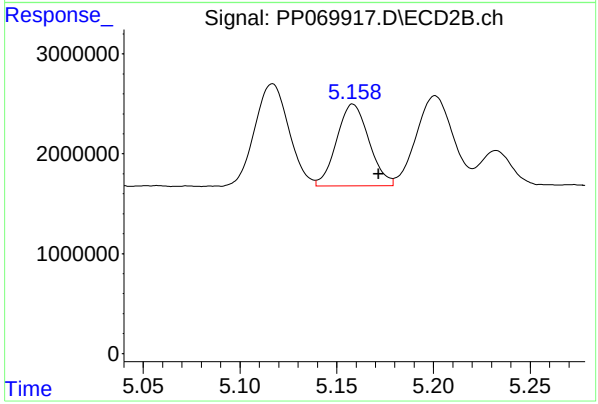
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 12543077
Conc: 504.06 ng/ml



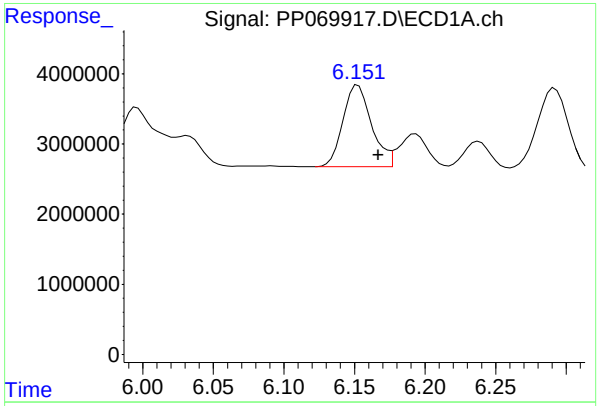
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17912421
Conc: 511.78 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9501531
Conc: 470.46 ng/ml



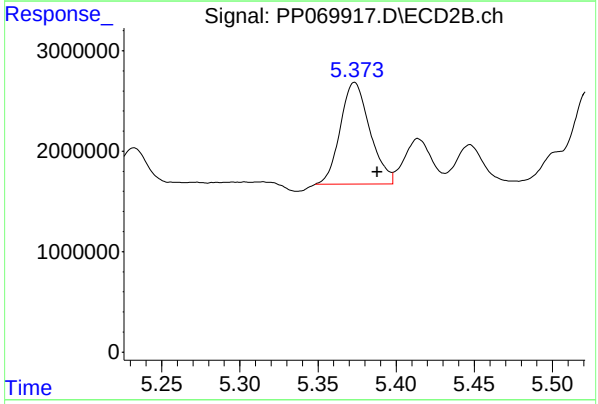
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: -0.016 mi
Response: 17029819
Conc: 515.14 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

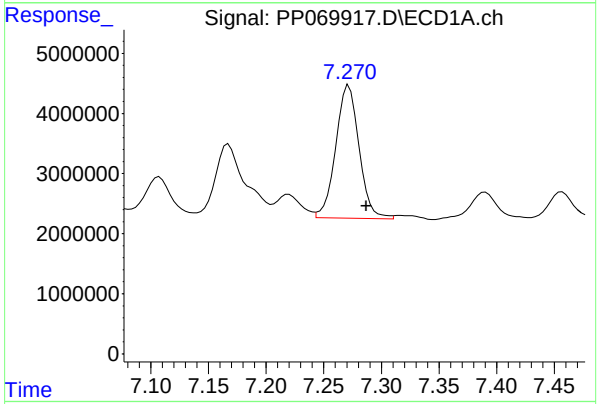
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



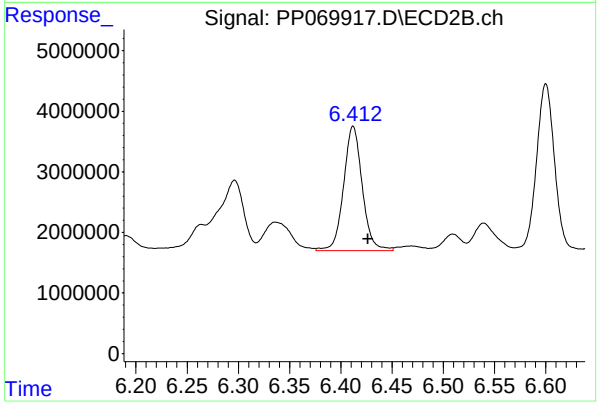
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 13419837
Conc: 500.29 ng/ml m



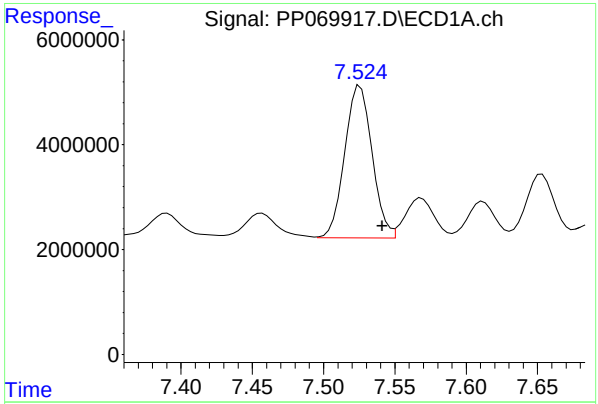
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 30865026
Conc: 528.18 ng/ml



#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 26020594
Conc: 539.52 ng/ml



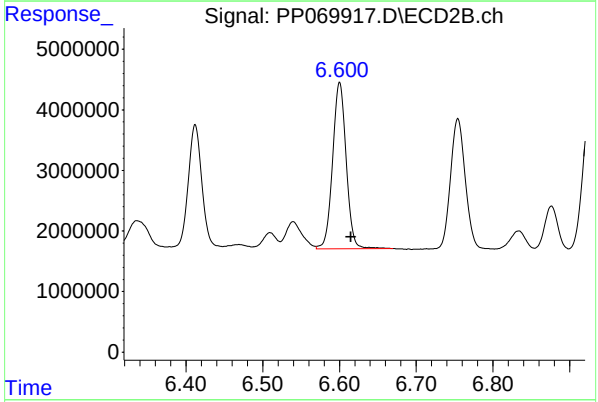
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.016 mi
Response: 38801748
Conc: 498.65 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

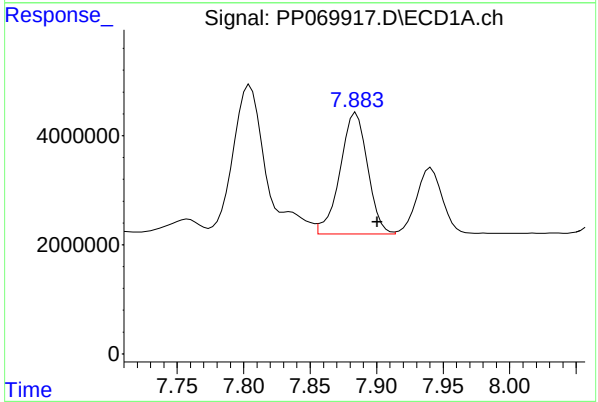
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



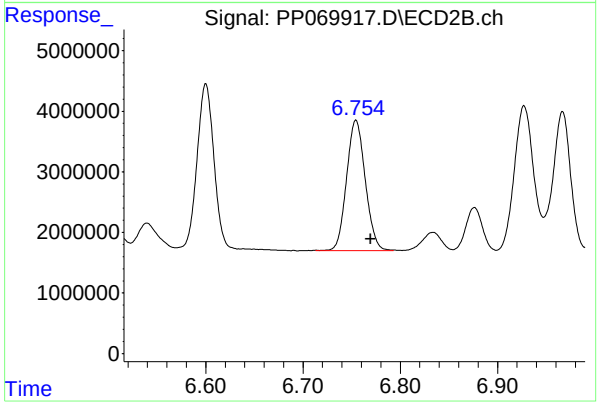
#32 AR-1260-2

R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 33637161
Conc: 548.70 ng/ml



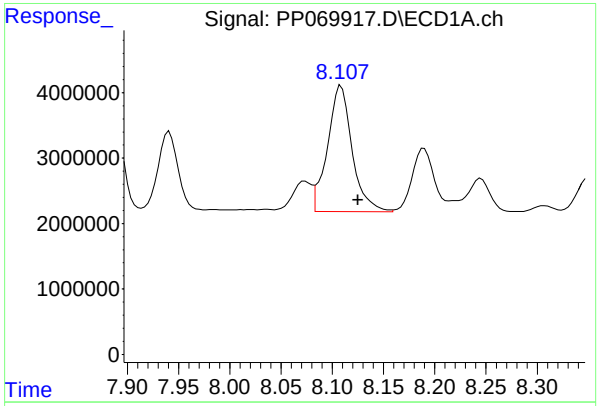
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: -0.016 min
Response: 32104881
Conc: 513.52 ng/ml



#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 28760409
Conc: 478.09 ng/ml m



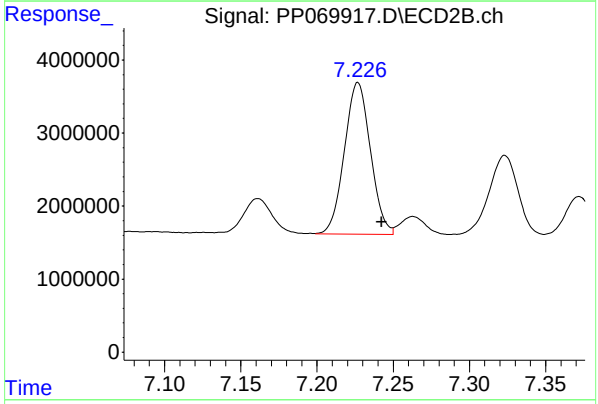
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.017 min
Response: 32076030
Conc: 486.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

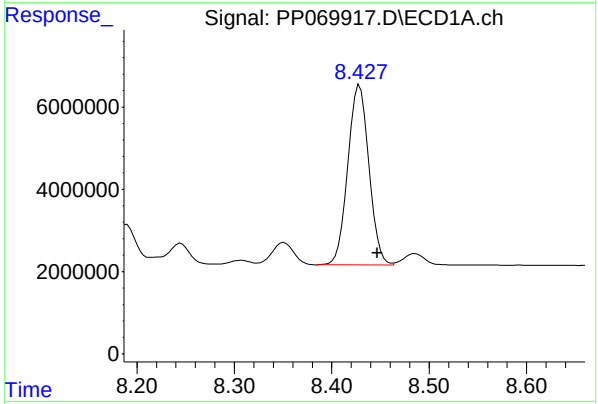
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



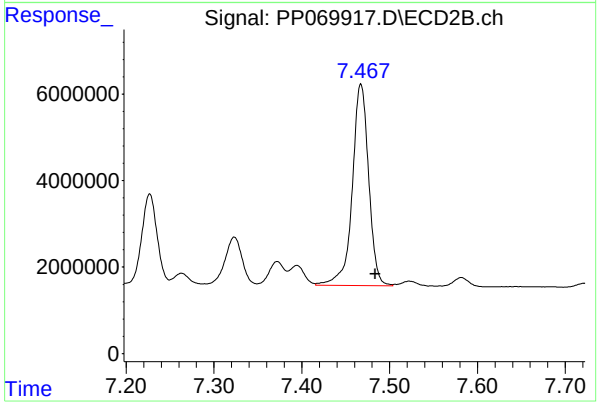
#34 AR-1260-4

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 24827098
Conc: 534.29 ng/ml



#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 65847835
Conc: 502.94 ng/ml



#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.016 min
Response: 60598421
Conc: 545.22 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 17:52 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.75	6.76	6.66	6.86	0.01
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.81	7.82	7.72	7.92	0.01
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.26	10.28	10.18	10.38	0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 17:52 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL08 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069920.D **Time Analyzed:** 17:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.530	6.439	6.639	498.950	500.000	-0.2
Aroclor-1254-2	6.746	6.656	6.856	529.500	500.000	5.9
Aroclor-1254-3	7.109	7.019	7.219	510.030	500.000	2.0
Aroclor-1254-4	7.391	7.301	7.501	516.180	500.000	3.2
Aroclor-1254-5	7.808	7.719	7.919	509.500	500.000	1.9
Decachlorobiphenyl	10.256	10.175	10.375	52.250	50.000	4.5
Tetrachloro-m-xylene	4.527	4.434	4.634	54.740	50.000	9.5

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL08 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069920.D **Time Analyzed:** 17:52

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.726	5.642	5.842	487.080	500.000	-2.6
Aroclor-1254-2	5.875	5.790	5.990	492.350	500.000	-1.5
Aroclor-1254-3	6.280	6.195	6.395	499.690	500.000	-0.1
Aroclor-1254-4	6.509	6.423	6.623	537.170	500.000	7.4
Aroclor-1254-5	6.928	6.844	7.044	514.790	500.000	3.0
Decachlorobiphenyl	8.888	8.809	9.009	47.810	50.000	-4.4
Tetrachloro-m-xylene	3.829	3.740	3.940	53.290	50.000	6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:52
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:51:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.829	78359993	47565755	54.741	53.293m
2)	SA Decachlor...	10.256	8.888	57108513	53476421	52.254	47.812
	Target Compounds						
26)	L6 AR-1254-1	6.530	5.726	28871304	26816755	498.954	487.083
27)	L6 AR-1254-2	6.746	5.875	42488153	23814541	529.501	492.353
28)	L6 AR-1254-3	7.109	6.280	42989779	37924622	510.032	499.691
29)	L6 AR-1254-4	7.391	6.509	35196918	27529604	516.176	537.166
30)	L6 AR-1254-5	7.808	6.928	34669202	34264507	509.495	514.788

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:52
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

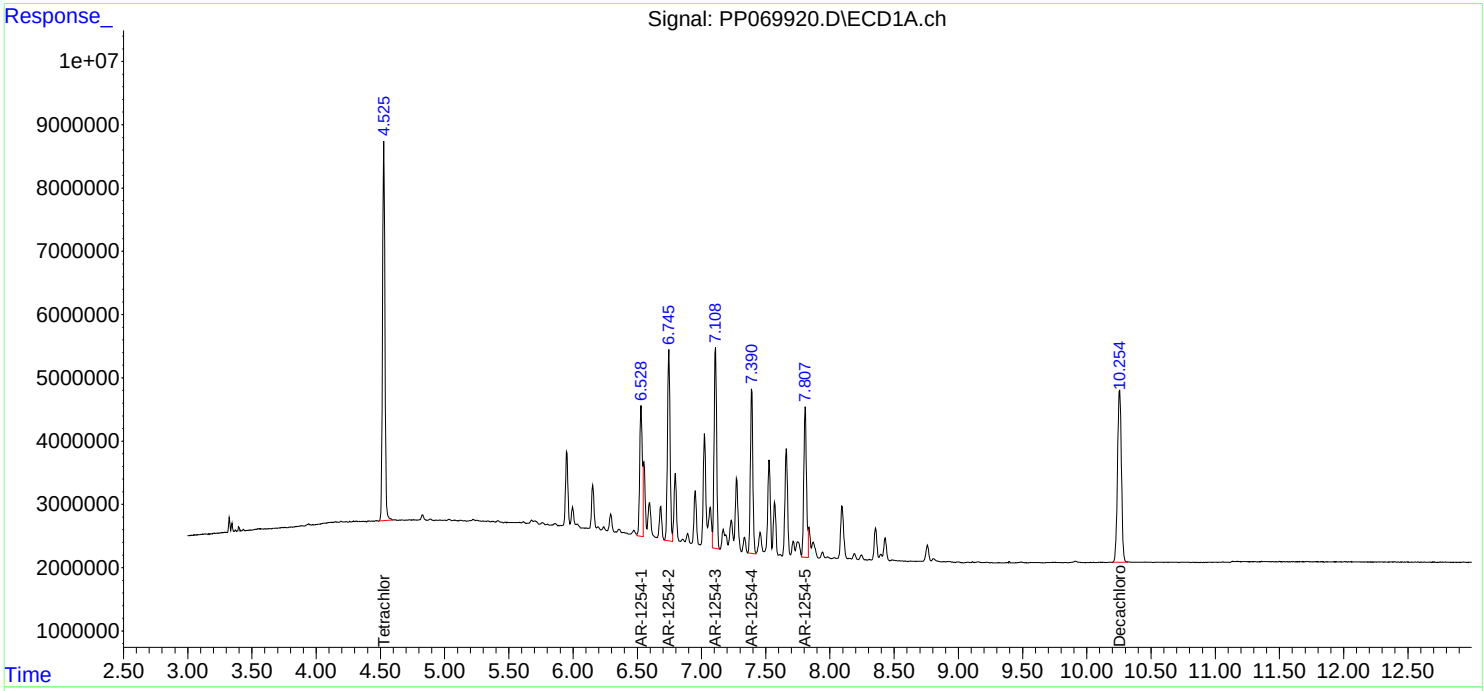
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

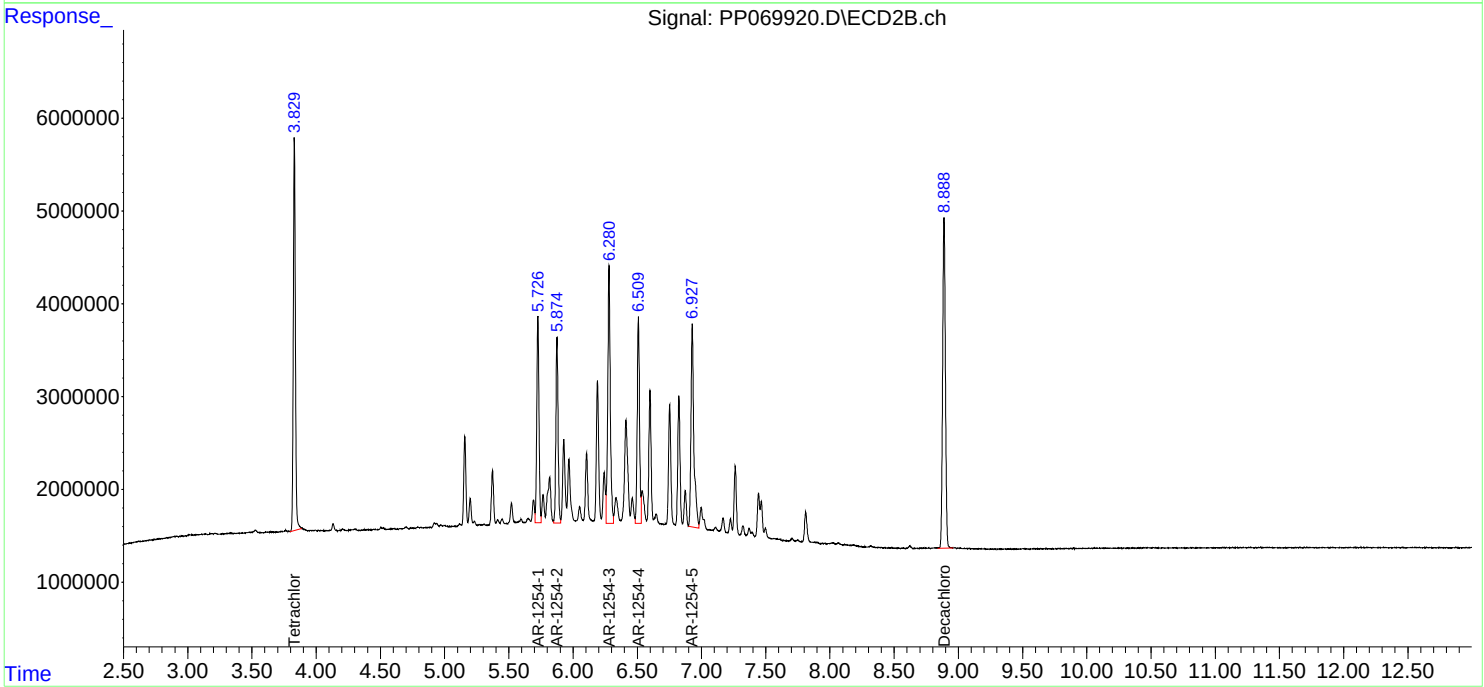
Manual Integrations APPROVED

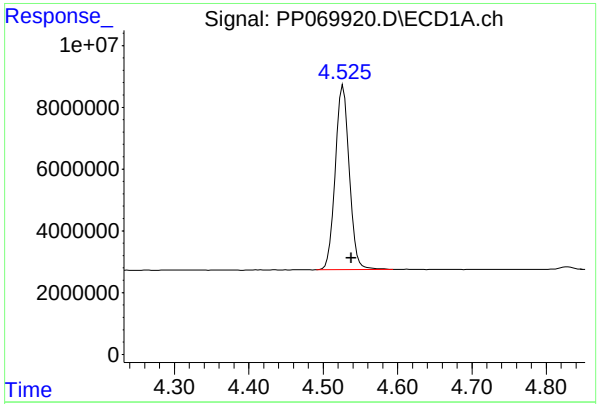
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:51:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







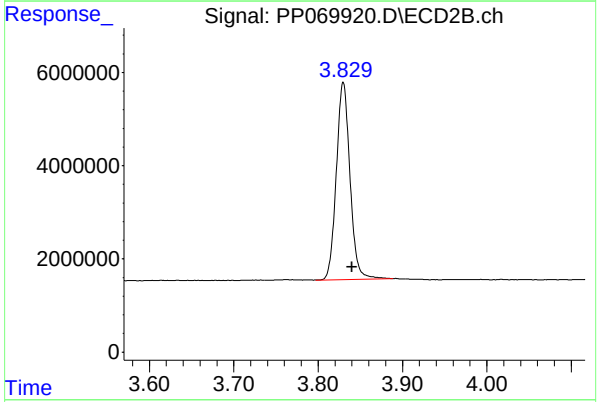
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 78359993
Conc: 54.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

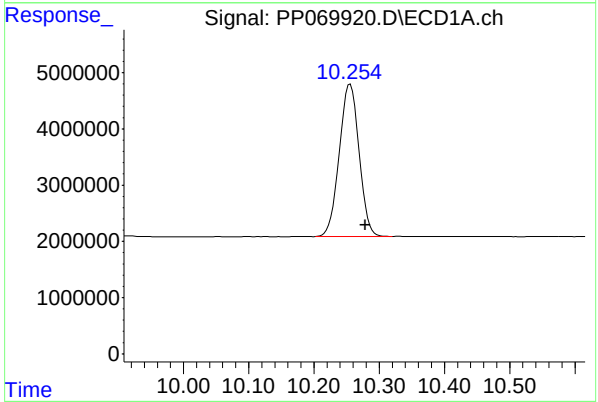
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



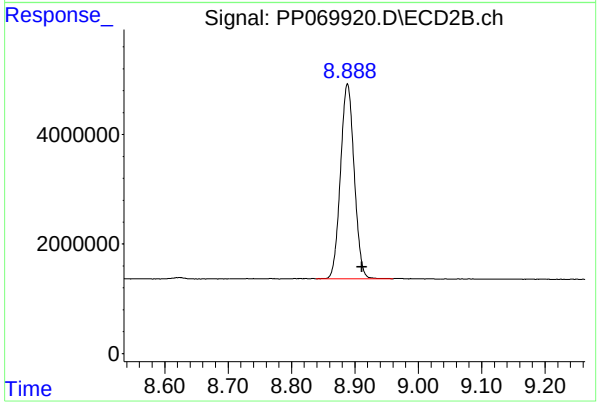
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 47565755
Conc: 53.29 ng/ml m



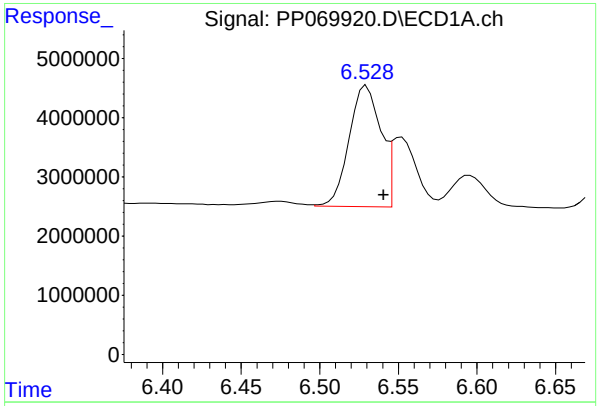
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 57108513
Conc: 52.25 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 53476421
Conc: 47.81 ng/ml



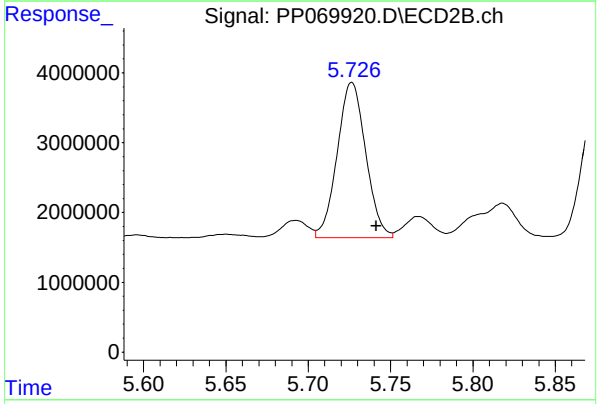
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 28871304
Conc: 498.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

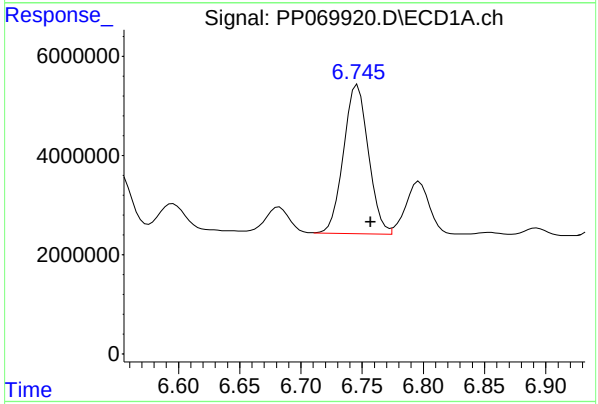
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



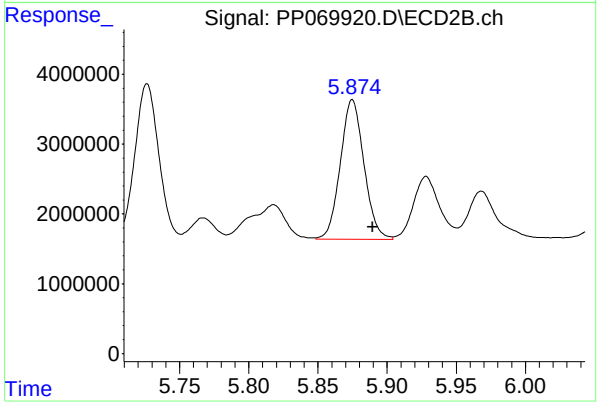
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 26816755
Conc: 487.08 ng/ml



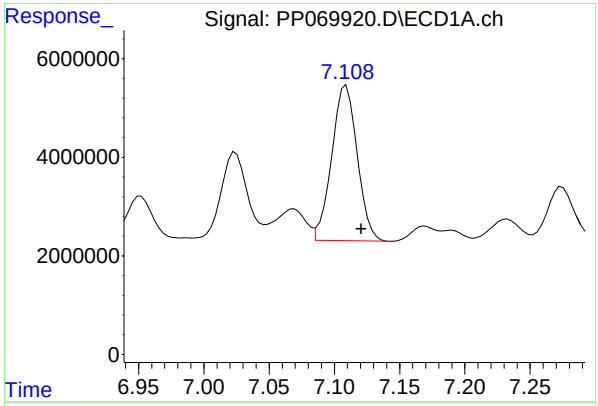
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 42488153
Conc: 529.50 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 23814541
Conc: 492.35 ng/ml



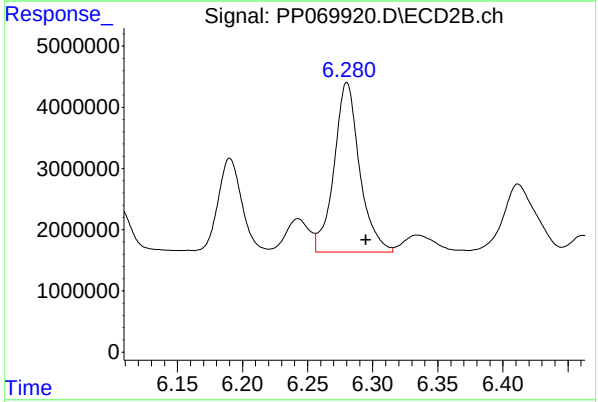
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 42989779
Conc: 510.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

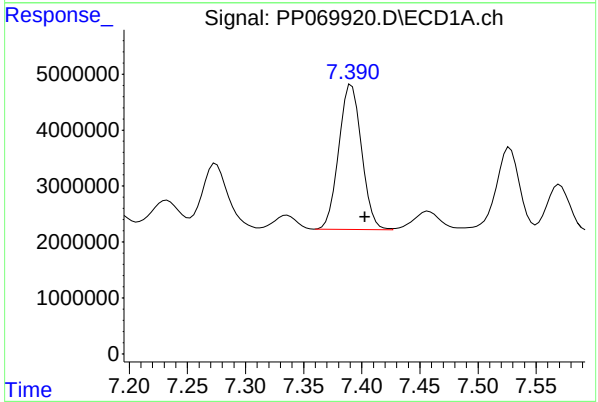
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



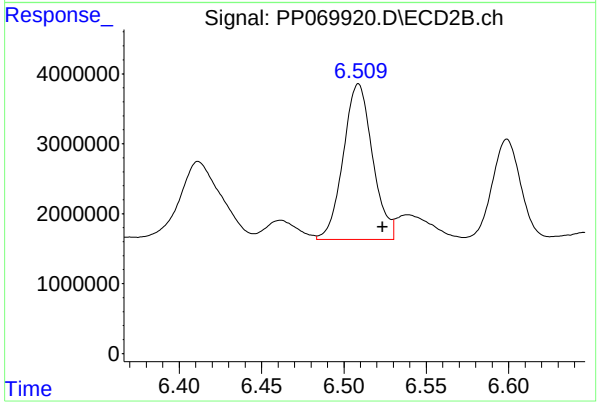
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 37924622
Conc: 499.69 ng/ml



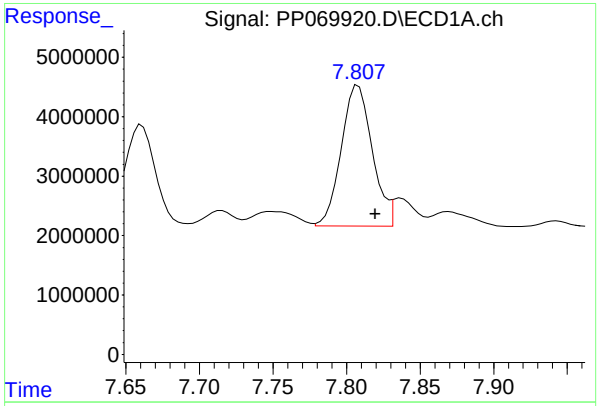
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.011 min
Response: 35196918
Conc: 516.18 ng/ml



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 27529604
Conc: 537.17 ng/ml



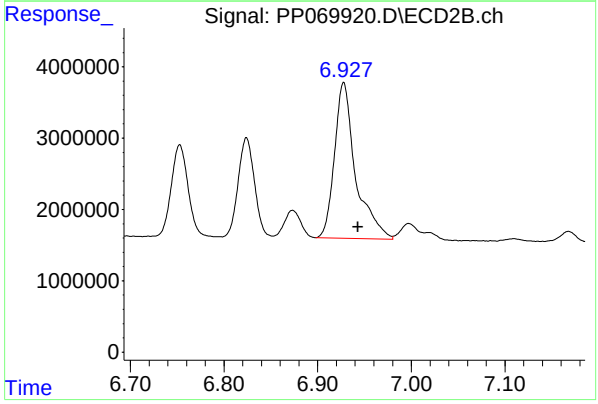
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 34669202
Conc: 509.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 34264507
Conc: 514.79 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:28 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:28 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.02
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL09 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069932.D **Time Analyzed:** 21:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.592	5.792	502.680	500.000	0.5
Aroclor-1016-2	5.700	5.614	5.814	536.020	500.000	7.2
Aroclor-1016-3	5.763	5.676	5.876	518.730	500.000	3.7
Aroclor-1016-4	5.860	5.774	5.974	530.710	500.000	6.1
Aroclor-1016-5	6.153	6.067	6.267	488.960	500.000	-2.2
Aroclor-1260-1	7.272	7.187	7.387	556.270	500.000	11.3
Aroclor-1260-2	7.526	7.441	7.641	524.280	500.000	4.9
Aroclor-1260-3	7.884	7.800	8.000	533.350	500.000	6.7
Aroclor-1260-4	8.109	8.025	8.225	501.940	500.000	0.4
Aroclor-1260-5	8.429	8.347	8.547	514.160	500.000	2.8
Decachlorobiphenyl	10.252	10.179	10.379	53.380	50.000	6.8
Tetrachloro-m-xylene	4.525	4.438	4.638	53.680	50.000	7.4

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL09 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069932.D **Time Analyzed:** 21:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.919	4.834	5.034	488.890	500.000	-2.2
Aroclor-1016-2	4.938	4.853	5.053	492.730	500.000	-1.5
Aroclor-1016-3	5.116	5.030	5.230	503.840	500.000	0.8
Aroclor-1016-4	5.158	5.072	5.272	461.780	500.000	-7.6
Aroclor-1016-5	5.373	5.288	5.488	583.650	500.000	16.7
Aroclor-1260-1	6.410	6.326	6.526	543.080	500.000	8.6
Aroclor-1260-2	6.599	6.515	6.715	544.190	500.000	8.8
Aroclor-1260-3	6.752	6.670	6.870	470.720	500.000	-5.9
Aroclor-1260-4	7.225	7.142	7.342	526.380	500.000	5.3
Aroclor-1260-5	7.466	7.384	7.584	537.060	500.000	7.4
Decachlorobiphenyl	8.887	8.811	9.011	49.230	50.000	-1.5
Tetrachloro-m-xylene	3.829	3.740	3.940	51.980	50.000	4.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:55:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.829	76838004	46397668	53.677	51.984m
2)	SA Decachlor...	10.252	8.887	58339347	55062269	53.380	49.229
	Target Compounds						
3)	L1 AR-1016-1	5.676	4.919	23290573	15945034	502.678m	488.886m
4)	L1 AR-1016-2	5.700	4.938	36383290	22152367	536.016	492.730
5)	L1 AR-1016-3	5.763	5.116	22096220	12537457	518.732	503.836
6)	L1 AR-1016-4	5.860	5.158	18575160	9326173	530.712	461.777
7)	L1 AR-1016-5	6.153	5.373	16164285	15655765	488.959	583.650
31)	L7 AR-1260-1	7.272	6.410	32506173	26192249	556.267	543.075
32)	L7 AR-1260-2	7.526	6.599	40795883	33361092	524.282	544.194
33)	L7 AR-1260-3	7.884	6.752	33344400	28316693	533.346	470.718m
34)	L7 AR-1260-4	8.109	7.225	33116156	24459480	501.937	526.376
35)	L7 AR-1260-5	8.429	7.466	67316487	59692122	514.157	537.065

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

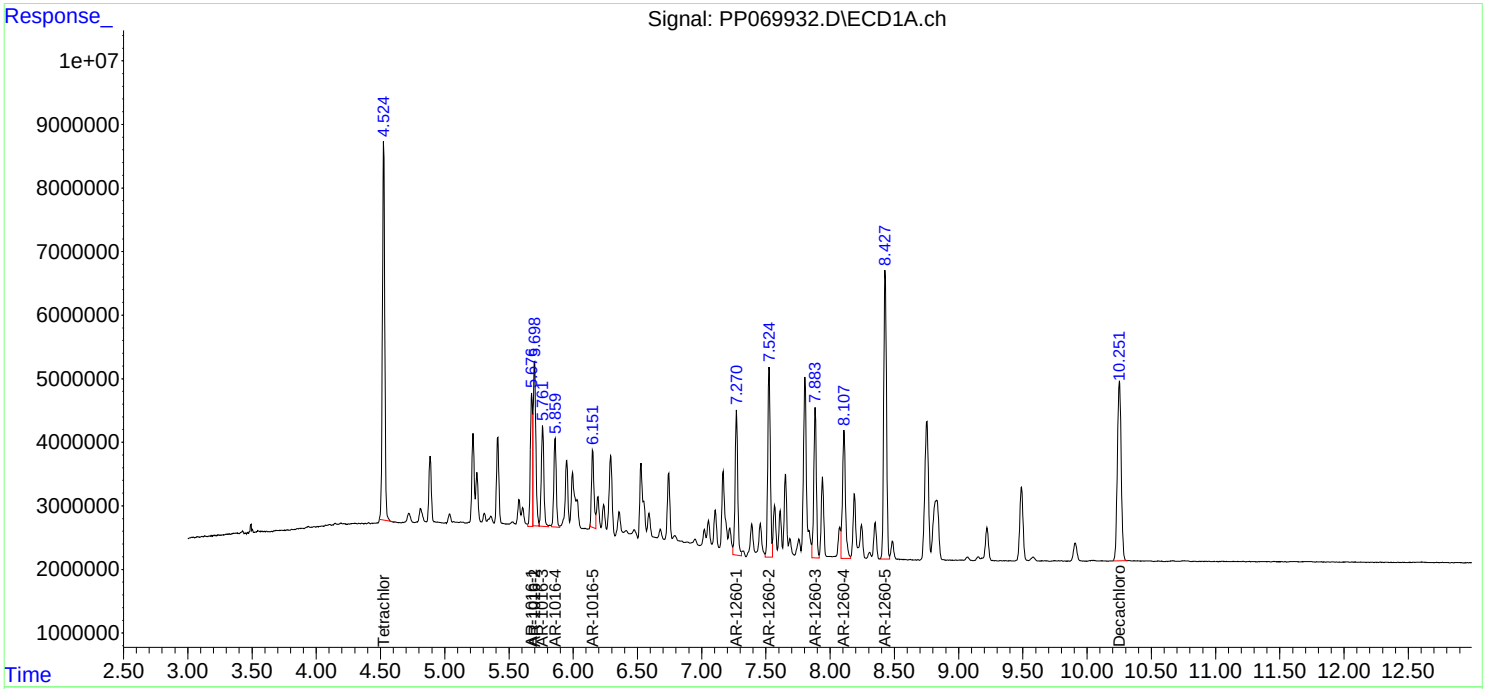
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

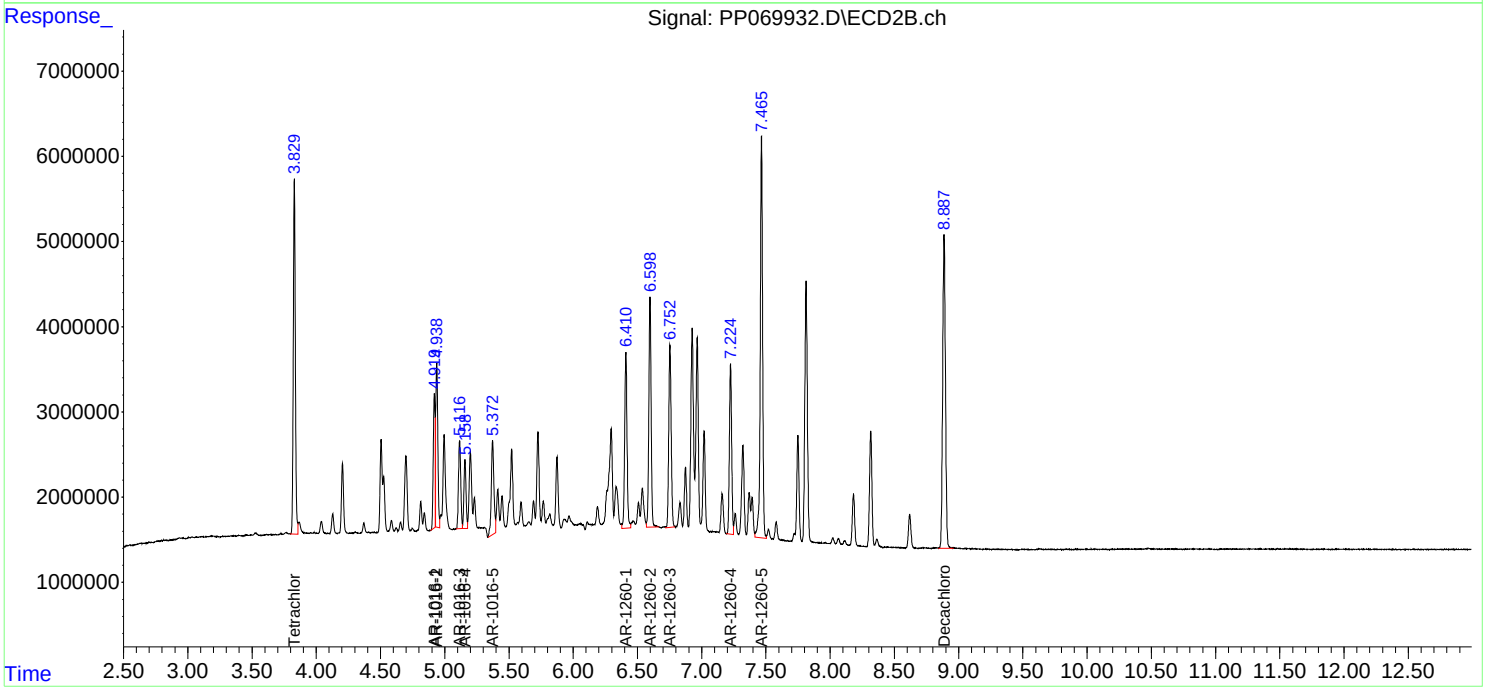
Manual Integrations APPROVED

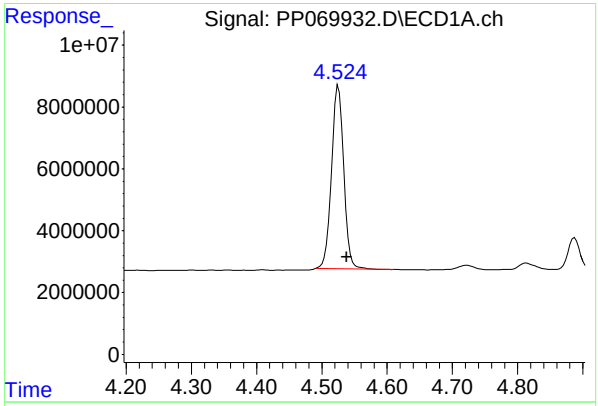
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:55:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







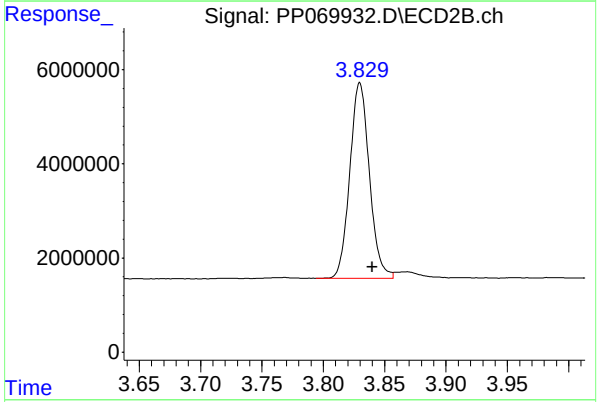
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 76838004
Conc: 53.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

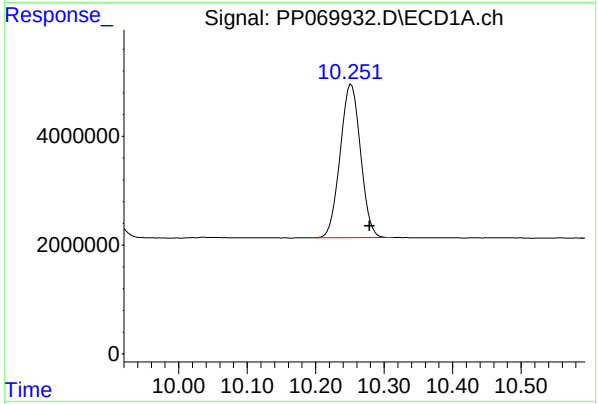
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



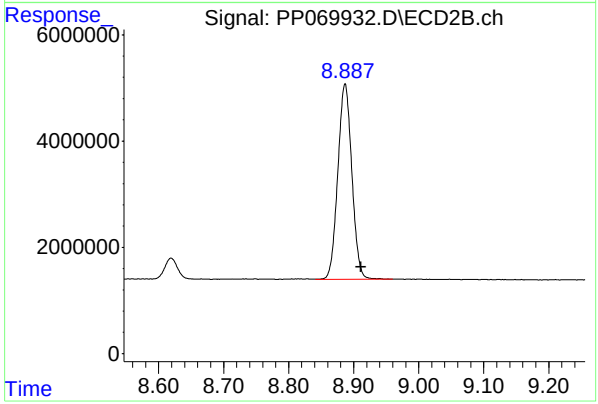
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 46397668
Conc: 51.98 ng/ml m



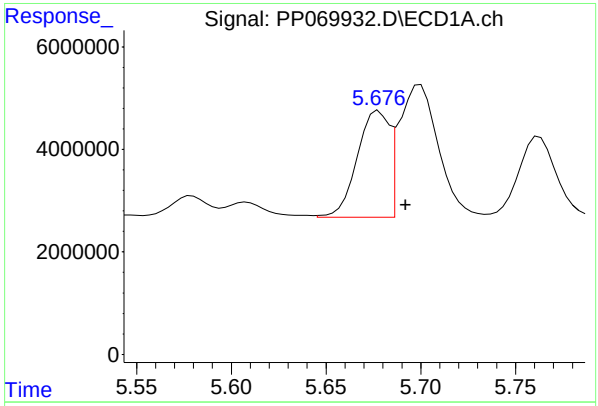
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 58339347
Conc: 53.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 55062269
Conc: 49.23 ng/ml



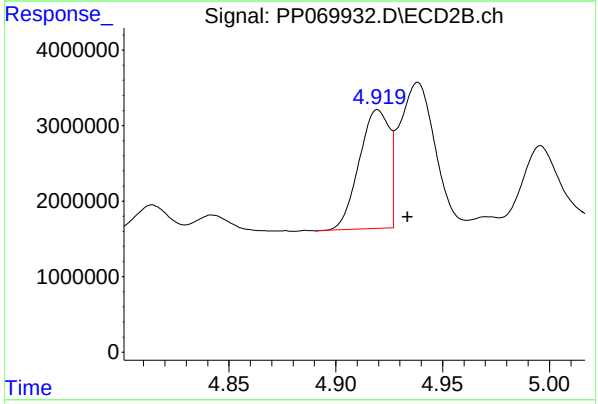
#3 AR-1016-1

R.T.: 5.676 min
Delta R.T.: -0.016 mi
Response: 23290573
Conc: 502.68 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

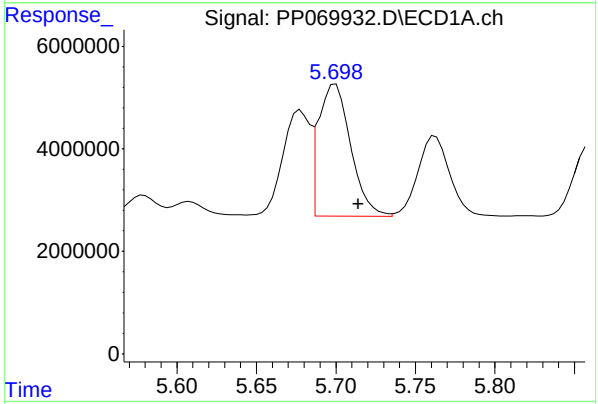
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



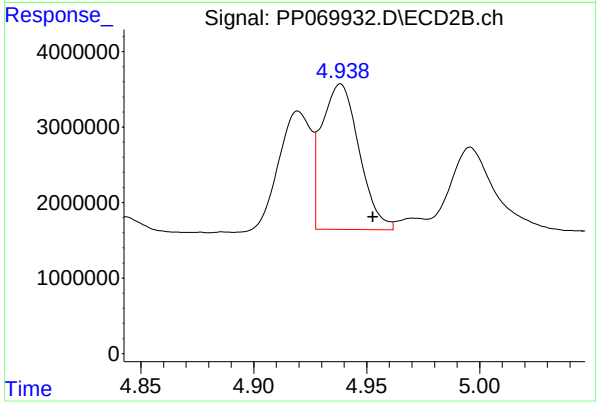
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.014 min
Response: 15945034
Conc: 488.89 ng/ml m



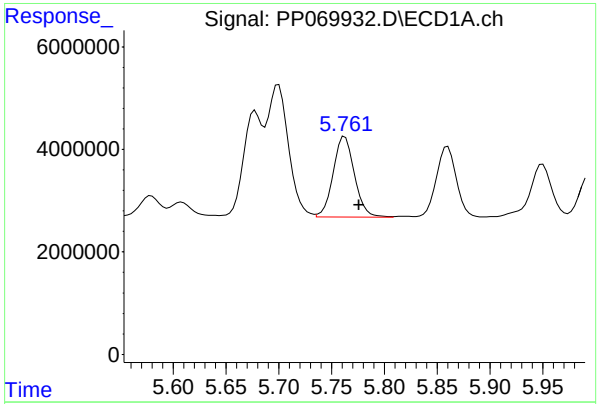
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36383290
Conc: 536.02 ng/ml



#4 AR-1016-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 492.73 ng/ml



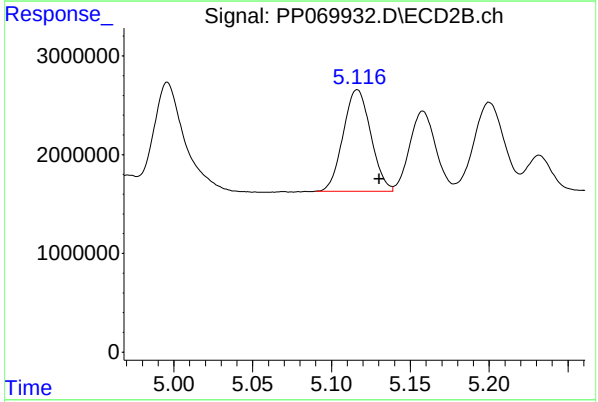
#5 AR-1016-3

R.T.: 5.763 min
Delta R.T.: -0.014 min
Response: 22096220
Conc: 518.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

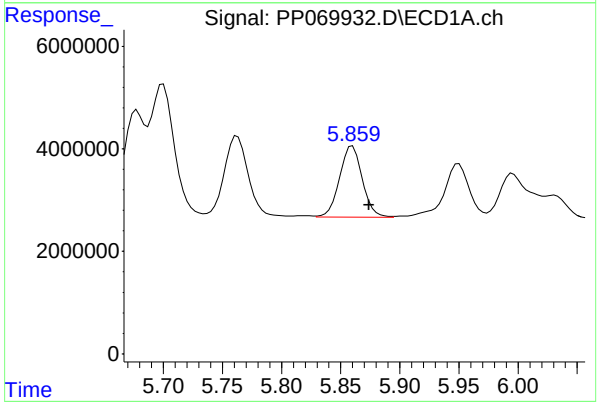
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



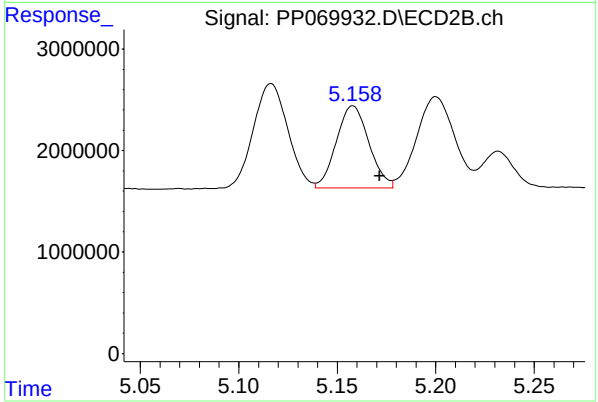
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 12537457
Conc: 503.84 ng/ml



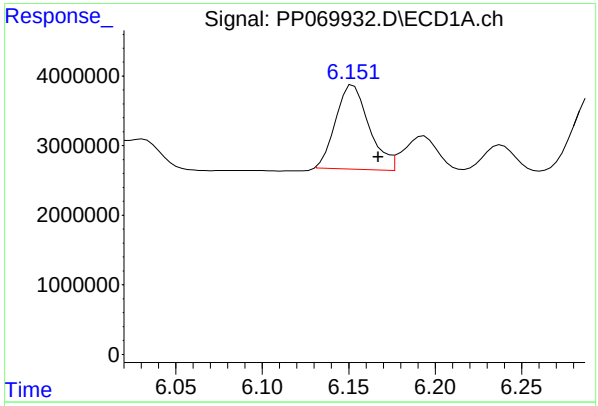
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 18575160
Conc: 530.71 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9326173
Conc: 461.78 ng/ml



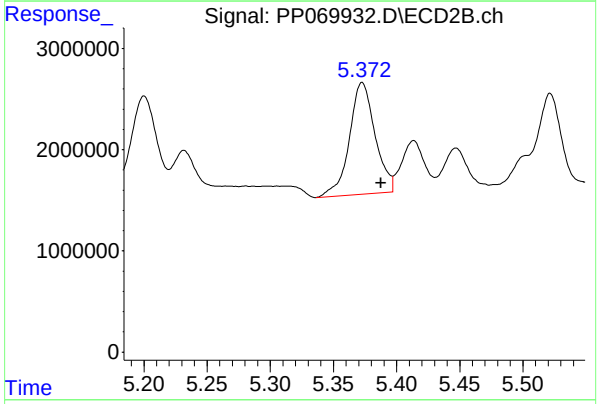
#7 AR-1016-5

R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 16164285
Conc: 488.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

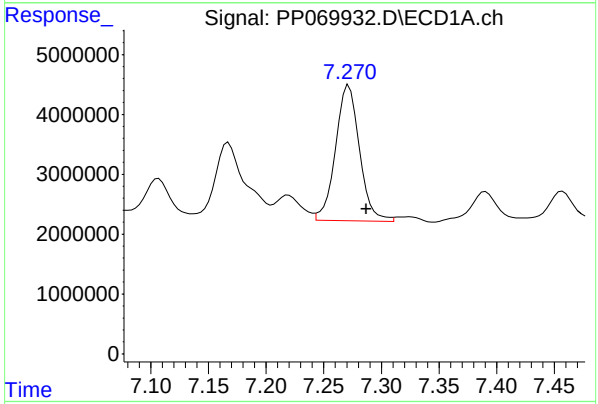
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



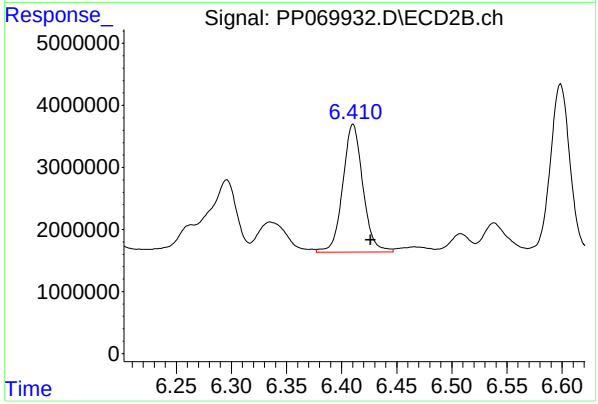
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 15655765
Conc: 583.65 ng/ml



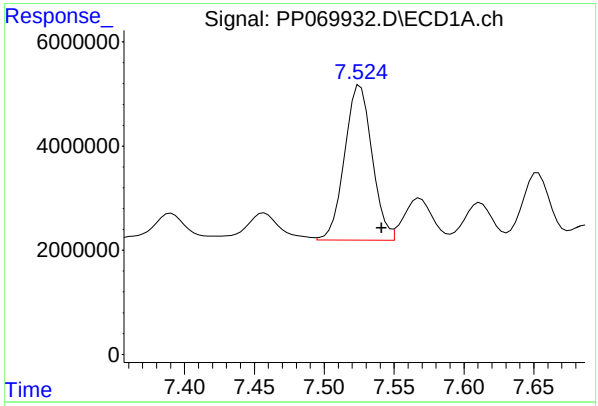
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 32506173
Conc: 556.27 ng/ml



#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 26192249
Conc: 543.08 ng/ml



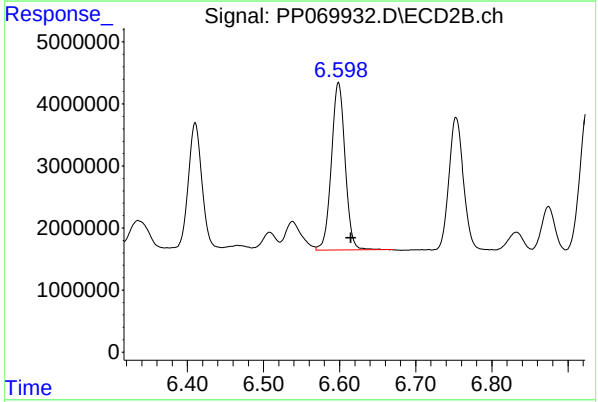
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 mi
Response: 40795883
Conc: 524.28 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

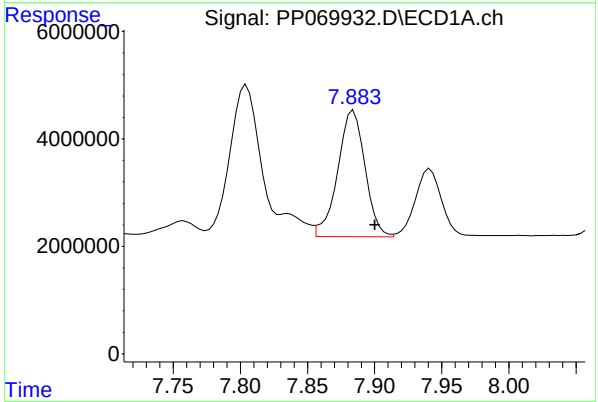
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



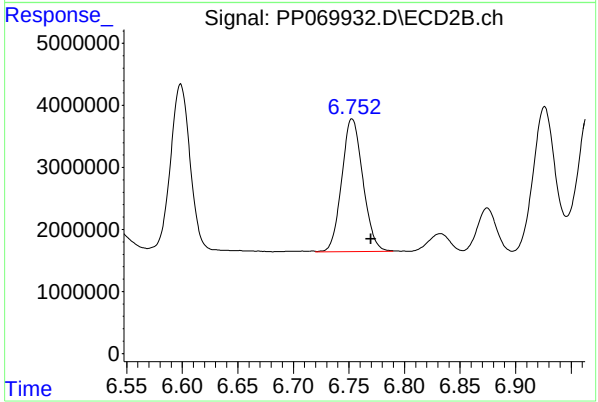
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 33361092
Conc: 544.19 ng/ml



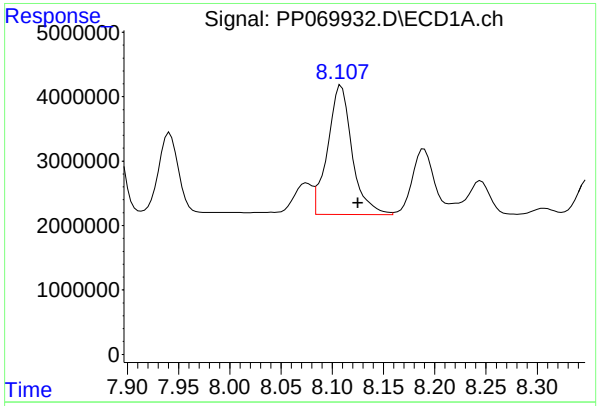
#33 AR-1260-3

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 33344400
Conc: 533.35 ng/ml



#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 28316693
Conc: 470.72 ng/ml m



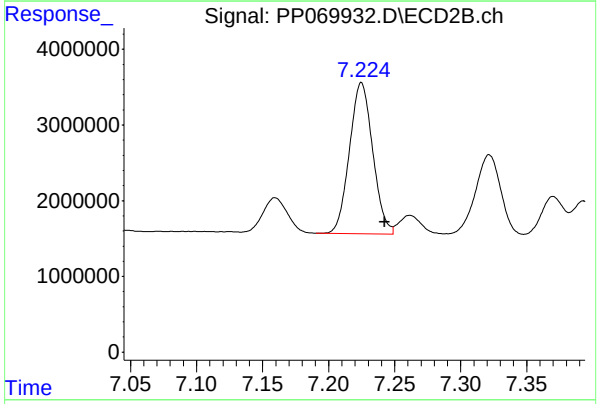
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 33116156
Conc: 501.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

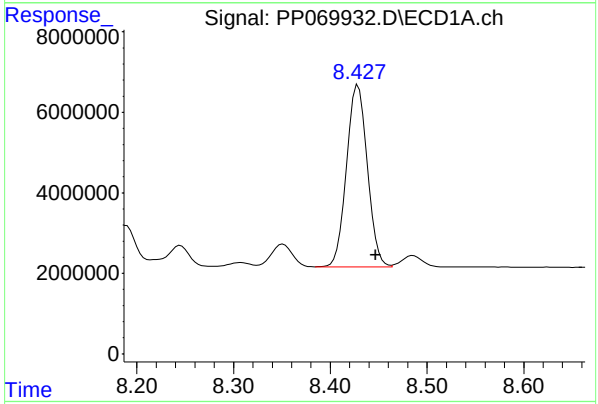
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



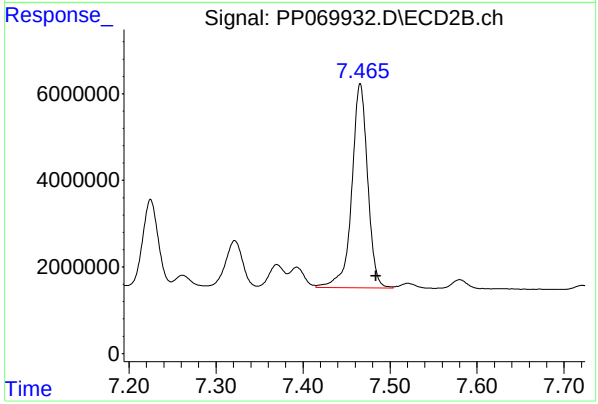
#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 24459480
Conc: 526.38 ng/ml



#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 67316487
Conc: 514.16 ng/ml



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 59692122
Conc: 537.06 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 22:17 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.81	7.82	7.72	7.92	0.01
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 22:17 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL10 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069935.D **Time Analyzed:** 22:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.525	6.439	6.639	467.990	500.000	-6.4
Aroclor-1254-2	6.743	6.656	6.856	537.130	500.000	7.4
Aroclor-1254-3	7.106	7.019	7.219	518.010	500.000	3.6
Aroclor-1254-4	7.389	7.301	7.501	522.070	500.000	4.4
Aroclor-1254-5	7.806	7.719	7.919	515.750	500.000	3.2
Decachlorobiphenyl	10.253	10.175	10.375	52.470	50.000	4.9
Tetrachloro-m-xylene	4.524	4.434	4.634	54.940	50.000	9.9

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL10 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069935.D **Time Analyzed:** 22:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.727	5.642	5.842	496.840	500.000	-0.6
Aroclor-1254-2	5.875	5.790	5.990	504.230	500.000	0.8
Aroclor-1254-3	6.281	6.195	6.395	507.220	500.000	1.4
Aroclor-1254-4	6.509	6.423	6.623	535.150	500.000	7.0
Aroclor-1254-5	6.928	6.844	7.044	520.410	500.000	4.1
Decachlorobiphenyl	8.889	8.809	9.009	50.140	50.000	0.3
Tetrachloro-m-xylene	3.830	3.740	3.940	54.030	50.000	8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	78641512	48227400	54.937	54.034m
2)	SA Decachlor...	10.253	8.889	57345974	56081078	52.471	50.140
	Target Compounds						
26)	L6 AR-1254-1	6.525	5.727	27079508	27353708	467.988m	496.836
27)	L6 AR-1254-2	6.743	5.875	43100155	24389172	537.128	504.234
28)	L6 AR-1254-3	7.106	6.281	43662235	38496228	518.010	507.223
29)	L6 AR-1254-4	7.389	6.509	35598965	27426302	522.072	535.150
30)	L6 AR-1254-5	7.806	6.928	35094938	34638919	515.752	520.413

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

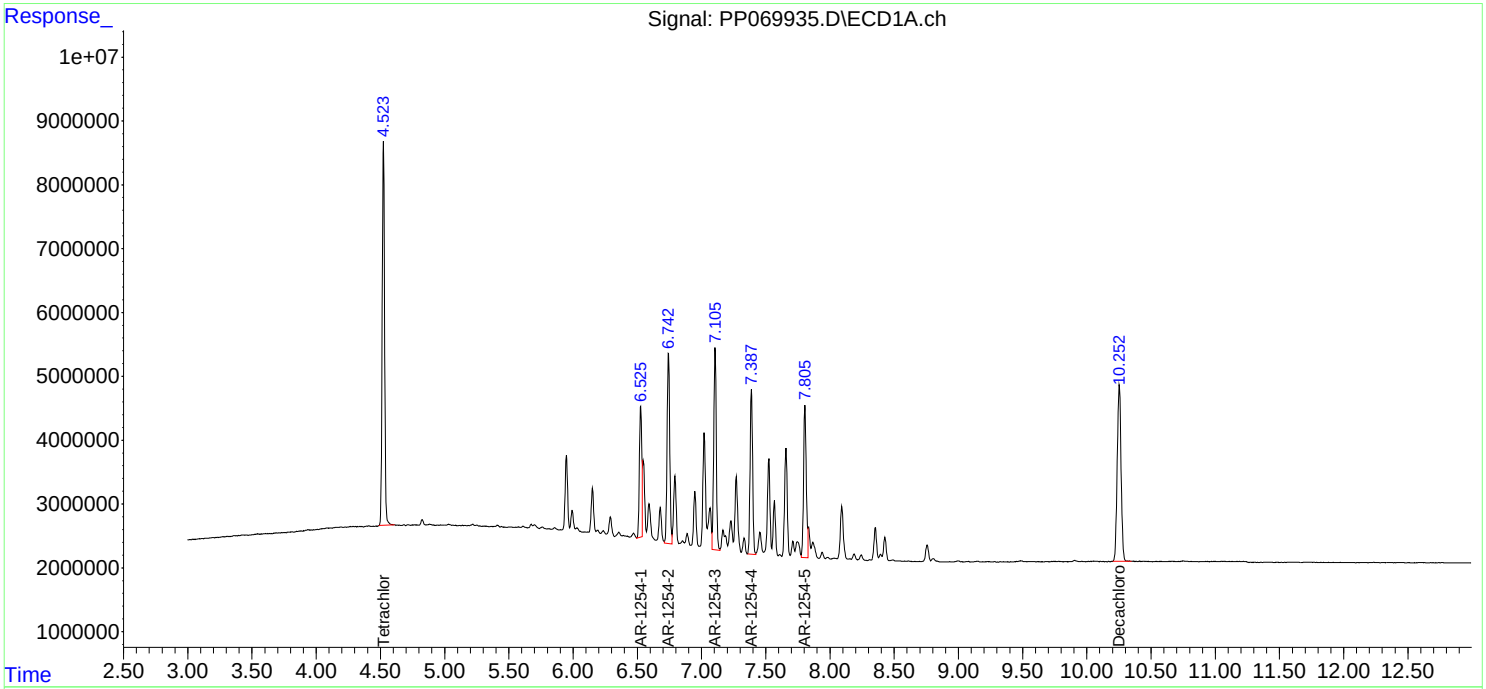
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

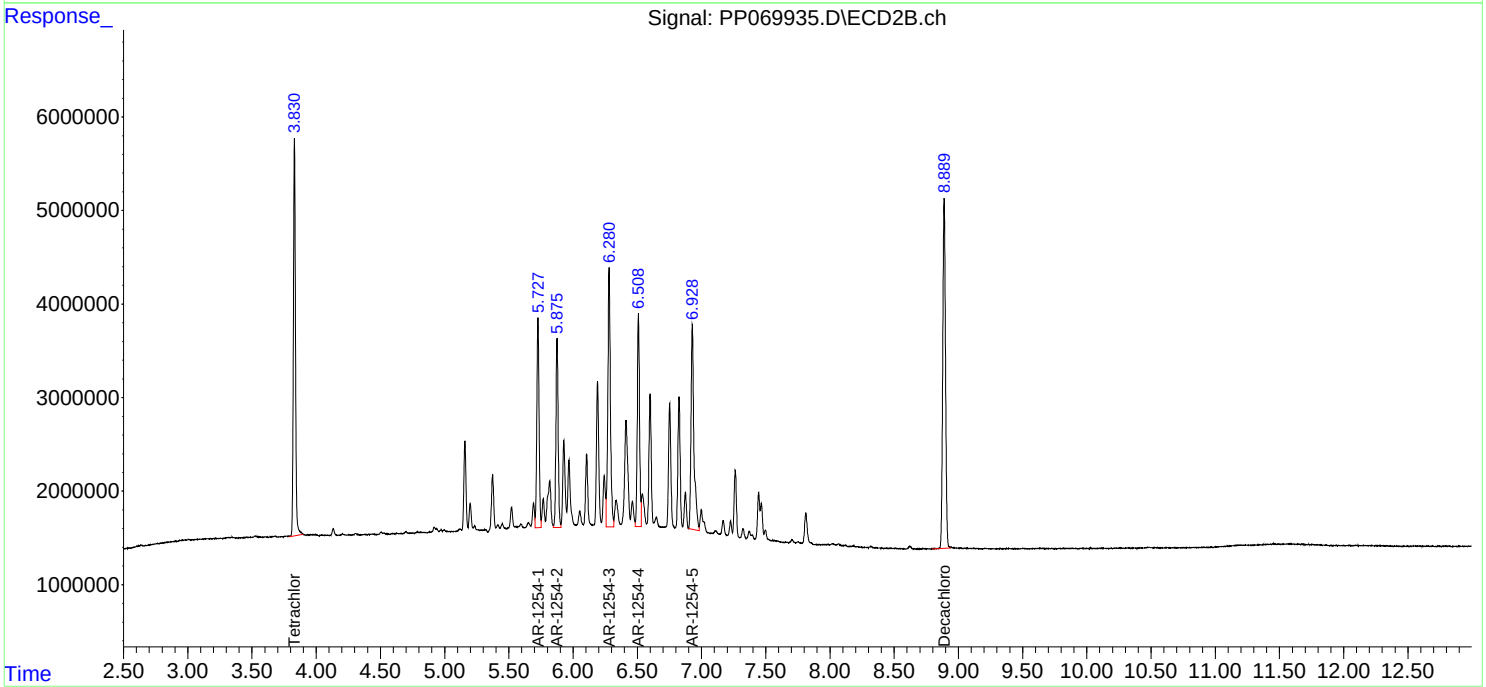
Manual Integrations APPROVED

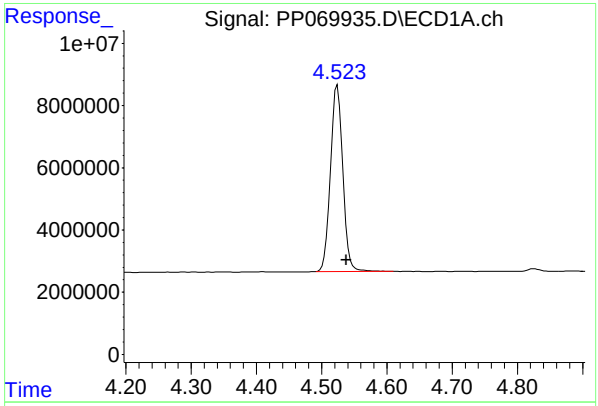
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







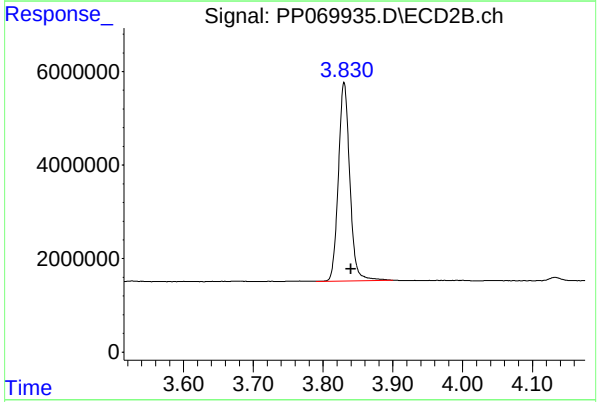
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 mi
Response: 78641512
Conc: 54.94 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

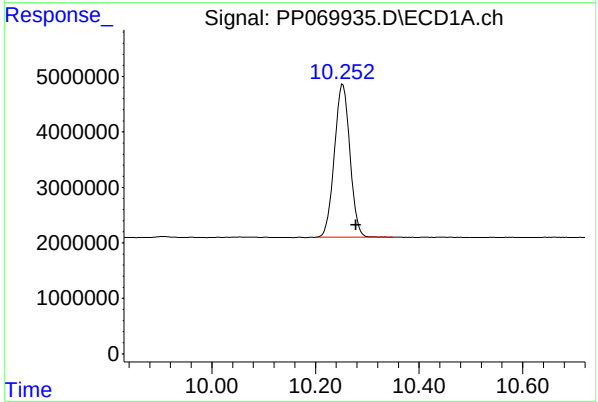
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



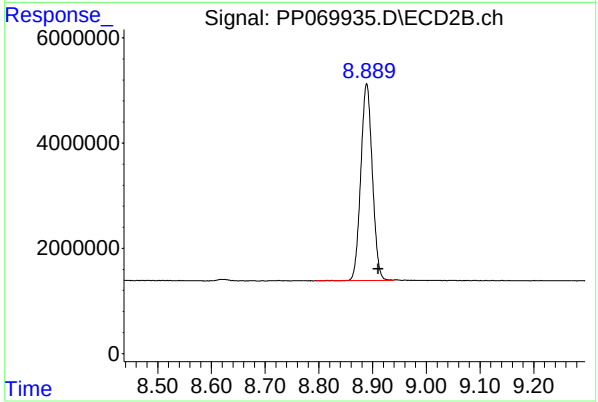
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 48227400
Conc: 54.03 ng/ml m



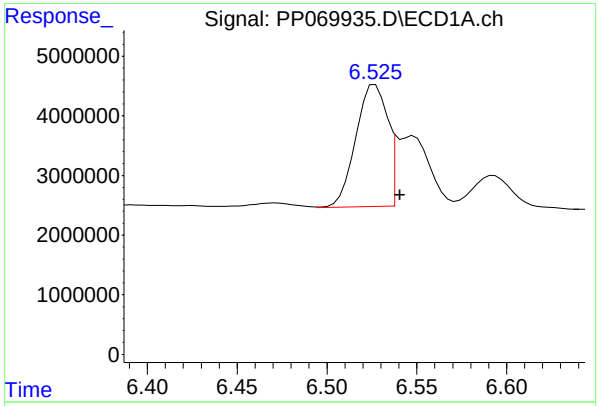
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 57345974
Conc: 52.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56081078
Conc: 50.14 ng/ml



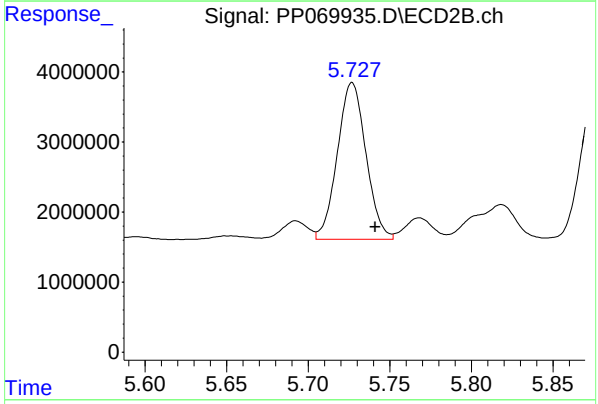
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.015 min
Response: 27079508
Conc: 467.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

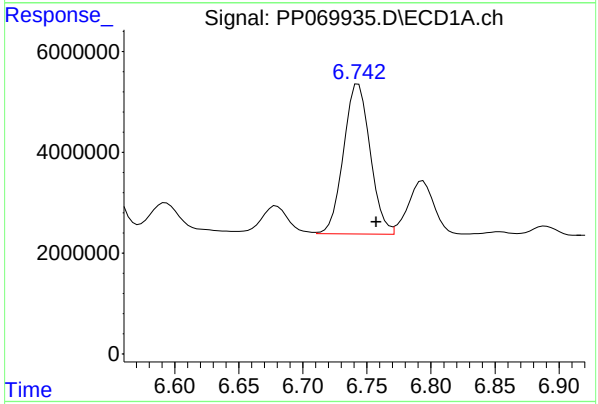
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



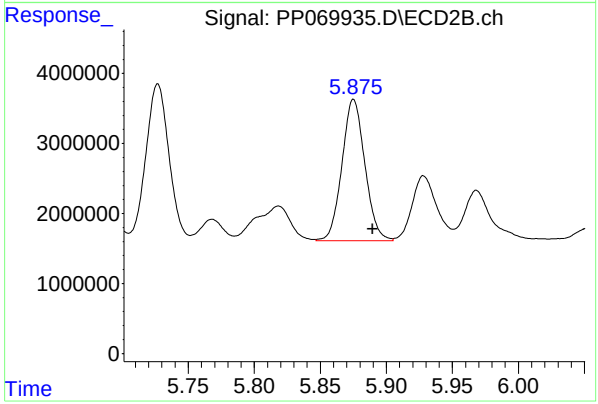
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27353708
Conc: 496.84 ng/ml



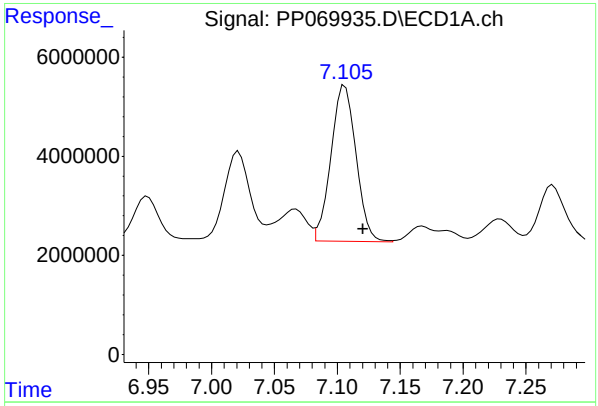
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 43100155
Conc: 537.13 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24389172
Conc: 504.23 ng/ml



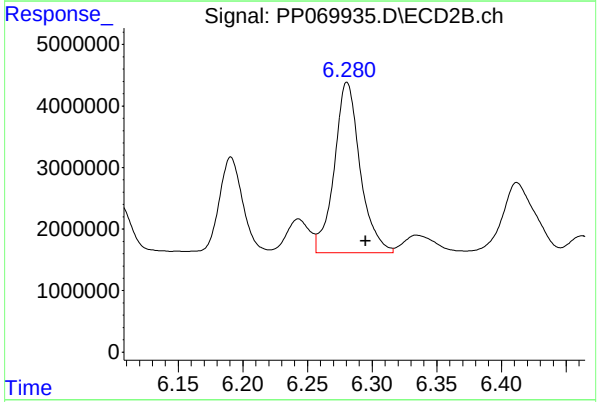
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 43662235
Conc: 518.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

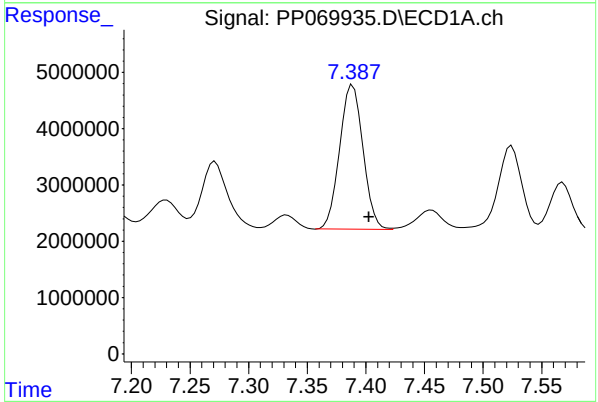
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



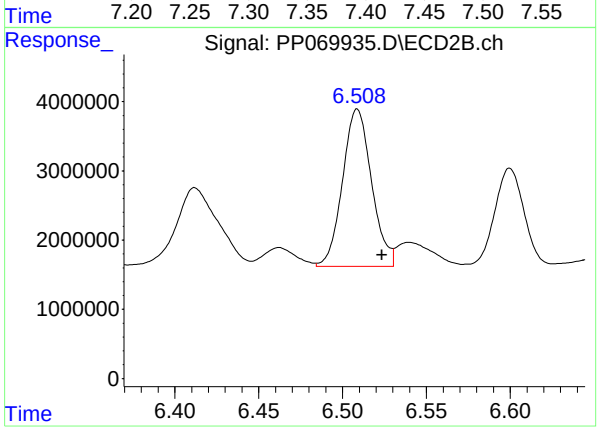
#28 AR-1254-3

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 38496228
Conc: 507.22 ng/ml



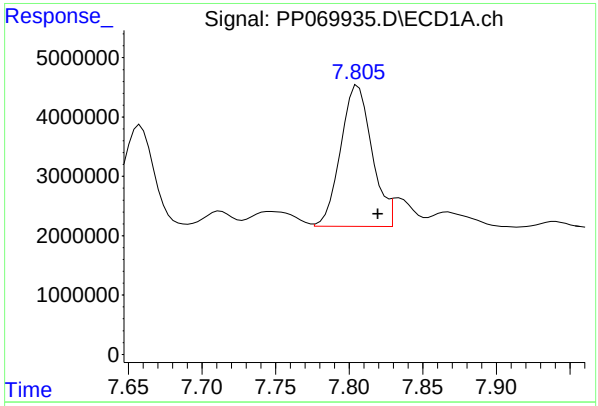
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 35598965
Conc: 522.07 ng/ml



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 27426302
Conc: 535.15 ng/ml



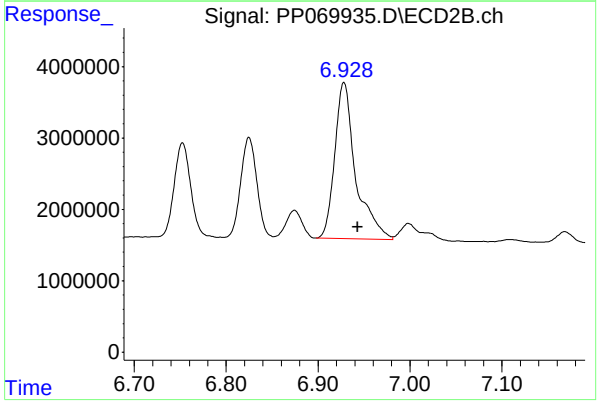
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 35094938
Conc: 515.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 34638919
Conc: 520.41 ng/ml

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 01:53 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.52	4.54	4.44	4.64	0.02
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 01:53 **Initial Calibration Time(s):** 09:37 17:30

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.02
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.02
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL11 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069947.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.592	5.792	564.420	500.000	12.9
Aroclor-1016-2	5.699	5.614	5.814	551.540	500.000	10.3
Aroclor-1016-3	5.762	5.676	5.876	535.310	500.000	7.1
Aroclor-1016-4	5.859	5.774	5.974	550.910	500.000	10.2
Aroclor-1016-5	6.151	6.067	6.267	514.090	500.000	2.8
Aroclor-1260-1	7.269	7.187	7.387	556.970	500.000	11.4
Aroclor-1260-2	7.525	7.441	7.641	548.930	500.000	9.8
Aroclor-1260-3	7.883	7.800	8.000	557.900	500.000	11.6
Aroclor-1260-4	8.108	8.025	8.225	518.950	500.000	3.8
Aroclor-1260-5	8.428	8.347	8.547	527.430	500.000	5.5
Decachlorobiphenyl	10.250	10.179	10.379	54.850	50.000	9.7
Tetrachloro-m-xylene	4.523	4.438	4.638	56.870	50.000	13.7

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1382 **SAS No.:** Q1382 **SDG NO.:** Q1382

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL11 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069947.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.918	4.834	5.034	503.540	500.000	0.7
Aroclor-1016-2	4.938	4.853	5.053	481.370	500.000	-3.7
Aroclor-1016-3	5.115	5.030	5.230	518.770	500.000	3.8
Aroclor-1016-4	5.157	5.072	5.272	470.280	500.000	-5.9
Aroclor-1016-5	5.371	5.288	5.488	526.850	500.000	5.4
Aroclor-1260-1	6.410	6.326	6.526	545.470	500.000	9.1
Aroclor-1260-2	6.598	6.515	6.715	545.400	500.000	9.1
Aroclor-1260-3	6.752	6.670	6.870	485.550	500.000	-2.9
Aroclor-1260-4	7.225	7.142	7.342	540.170	500.000	8.0
Aroclor-1260-5	7.465	7.384	7.584	554.170	500.000	10.8
Decachlorobiphenyl	8.886	8.811	9.011	50.260	50.000	0.5
Tetrachloro-m-xylene	3.829	3.740	3.940	54.320	50.000	8.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:00:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	81408908	48480286	56.870m	54.317m
2)	SA Decachlor...	10.250	8.886	59944075	56215659	54.849	50.261
	Target Compounds						
3)	L1 AR-1016-1	5.676	4.918	26151159	16423126	564.418m	503.545m
4)	L1 AR-1016-2	5.699	4.938	37437147	21641423	551.542	481.365
5)	L1 AR-1016-3	5.762	5.115	22802224	12909023	535.306	518.768
6)	L1 AR-1016-4	5.859	5.157	19281965	9497952	550.906	470.282
7)	L1 AR-1016-5	6.151	5.371	16994940	14132131	514.086m	526.848m
31)	L7 AR-1260-1	7.269	6.410	32547213	26307573	556.969m	545.466
32)	L7 AR-1260-2	7.525	6.598	42714191	33435044	548.935	545.400
33)	L7 AR-1260-3	7.883	6.752	34879740	29208753	557.904	485.547m
34)	L7 AR-1260-4	8.108	7.225	34238610	25100406	518.950	540.169
35)	L7 AR-1260-5	8.428	7.465	69053683	61593431	527.426	554.171

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

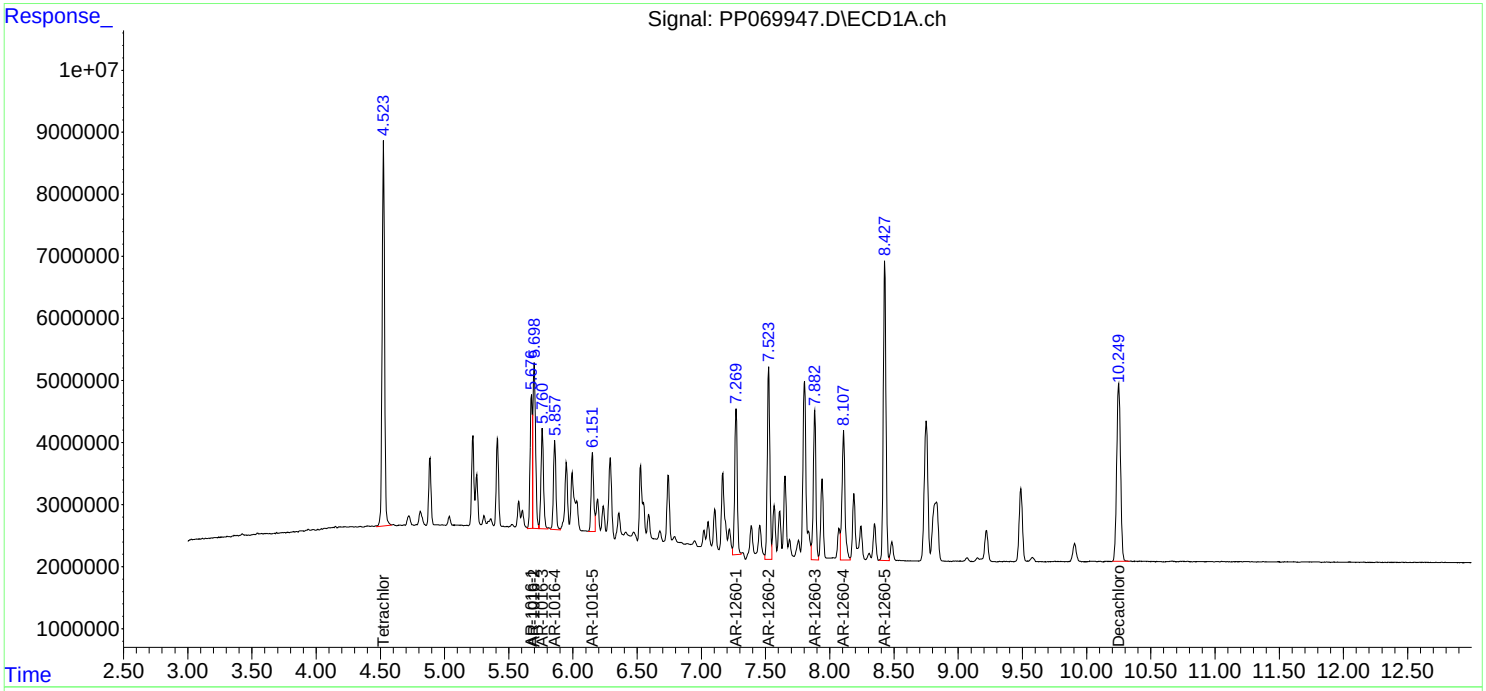
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

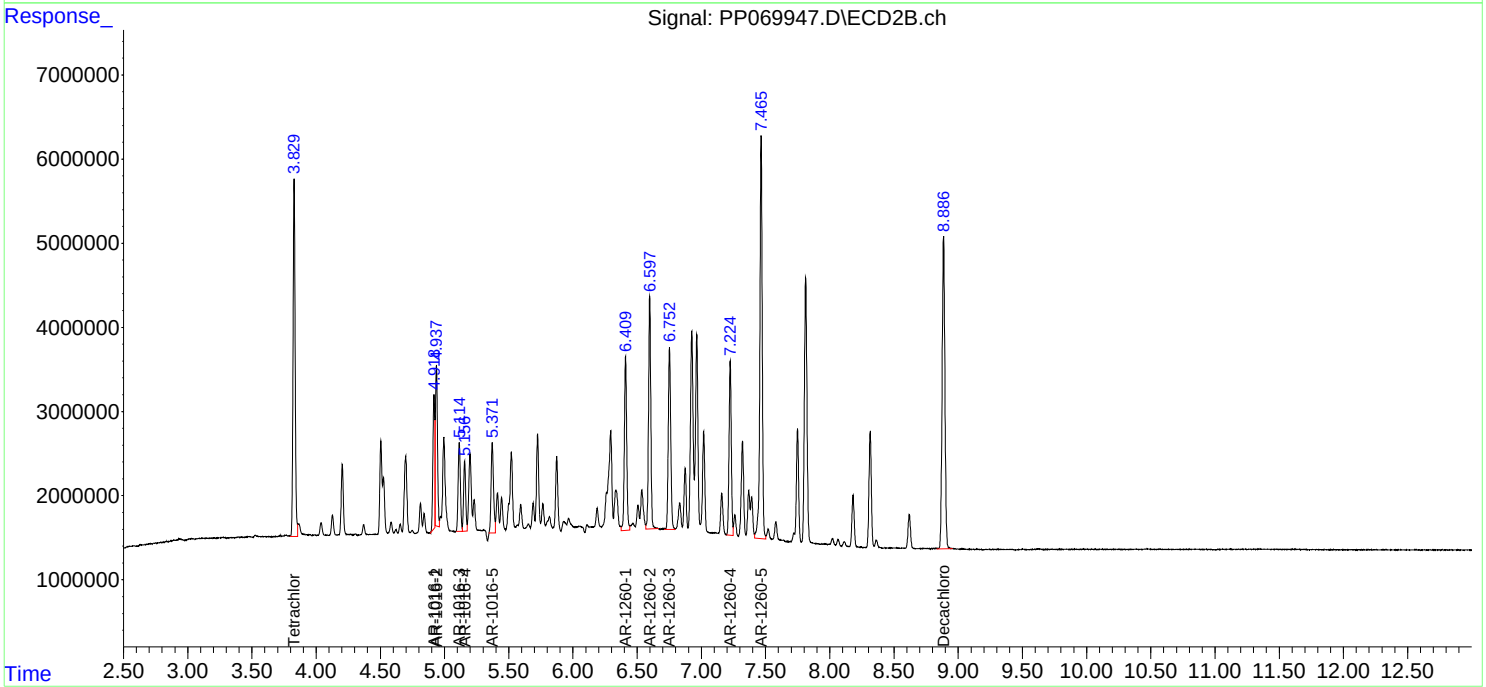
Manual Integrations APPROVED

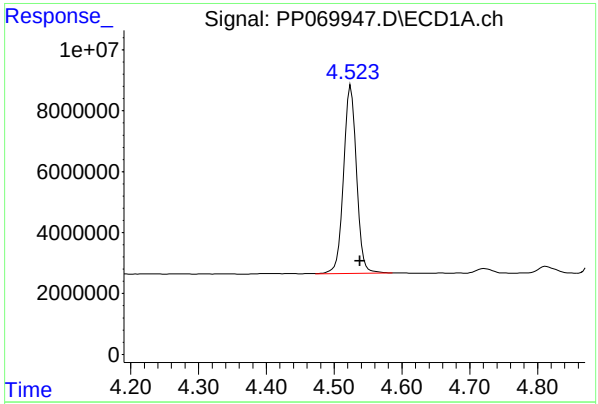
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:00:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







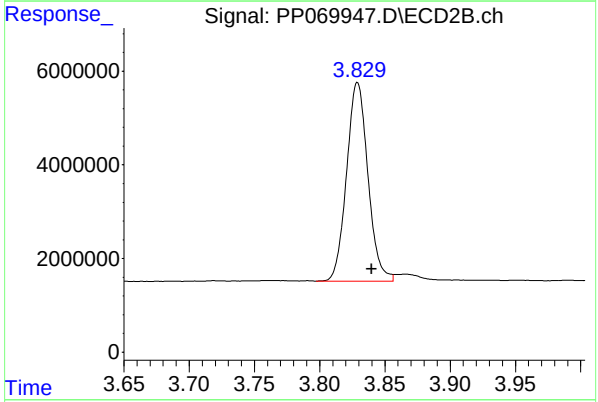
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 mi
Response: 81408908
Conc: 56.87 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

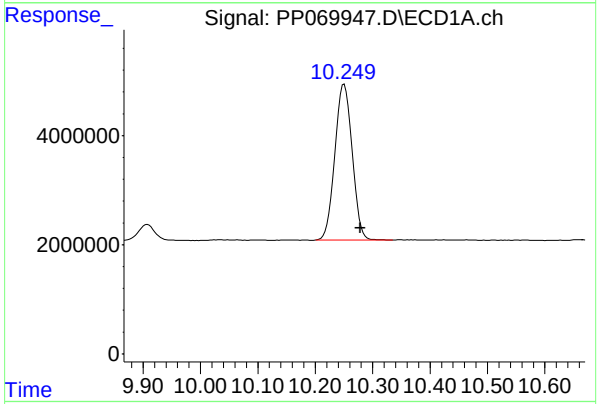
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



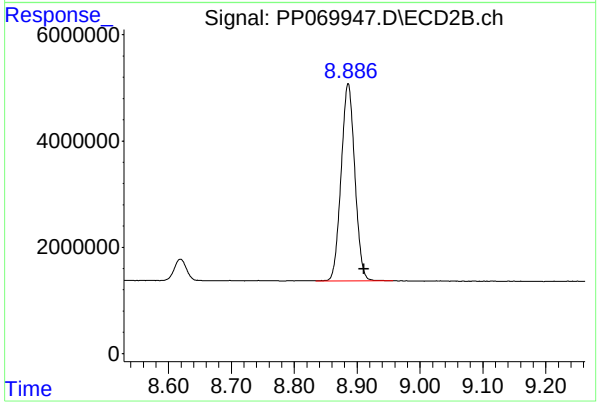
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 48480286
Conc: 54.32 ng/ml m



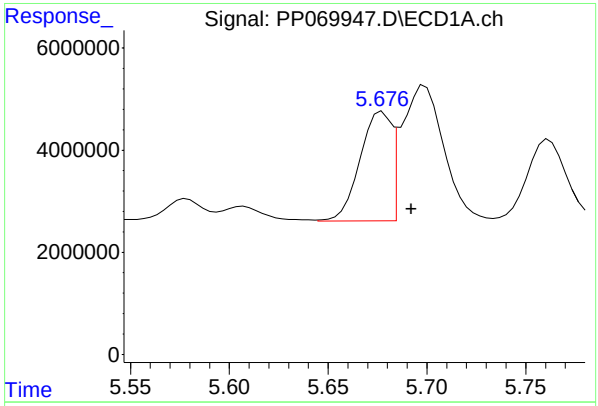
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 59944075
Conc: 54.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 56215659
Conc: 50.26 ng/ml



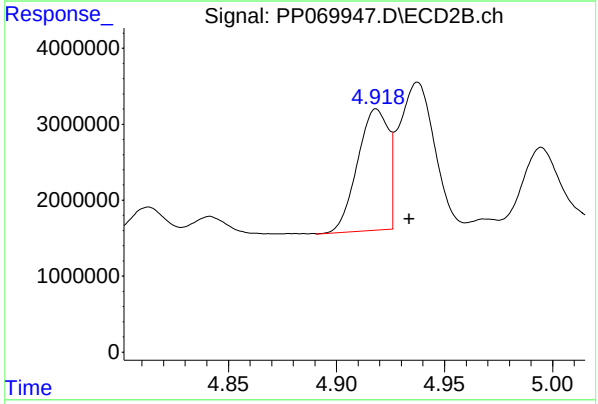
#3 AR-1016-1

R.T.: 5.676 min
Delta R.T.: -0.016 mi
Response: 26151159
Conc: 564.42 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

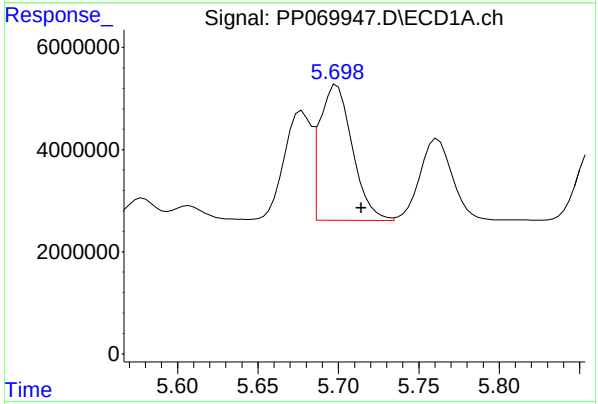
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



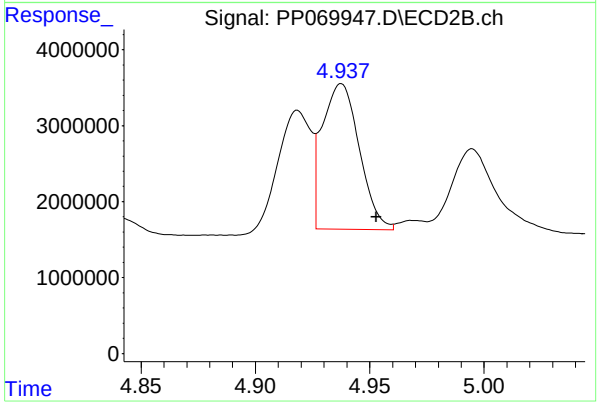
#3 AR-1016-1

R.T.: 4.918 min
Delta R.T.: -0.016 min
Response: 16423126
Conc: 503.54 ng/ml m



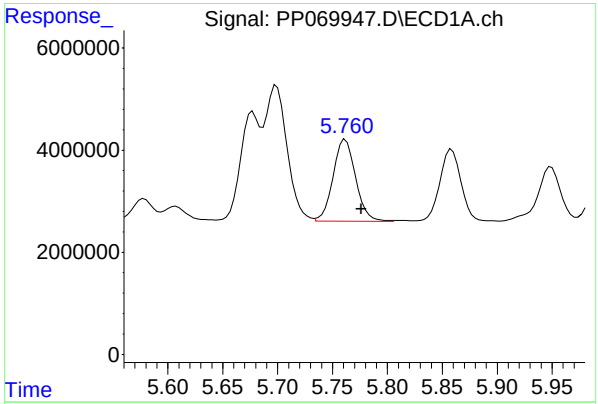
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 37437147
Conc: 551.54 ng/ml



#4 AR-1016-2

R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 21641423
Conc: 481.37 ng/ml



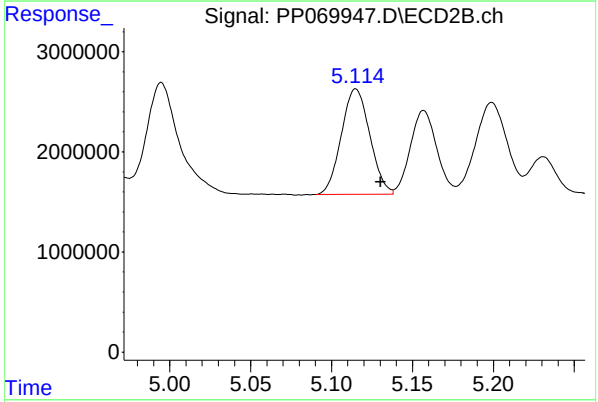
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 22802224
Conc: 535.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

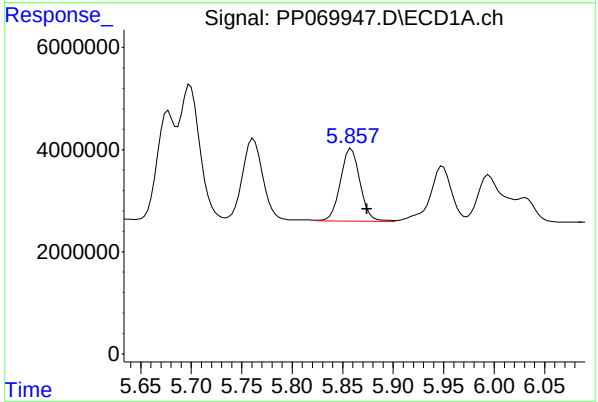
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



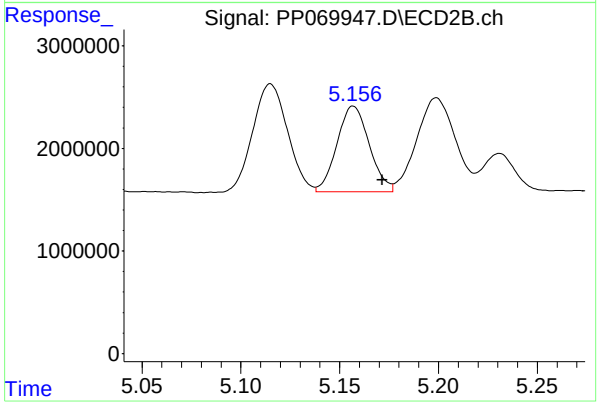
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 12909023
Conc: 518.77 ng/ml



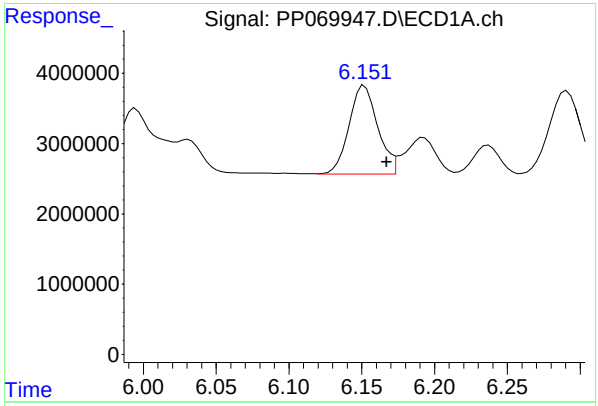
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 19281965
Conc: 550.91 ng/ml



#6 AR-1016-4

R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 9497952
Conc: 470.28 ng/ml



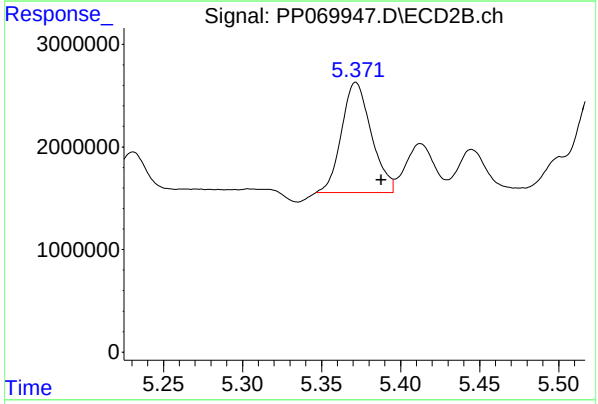
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 16994940
Conc: 514.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

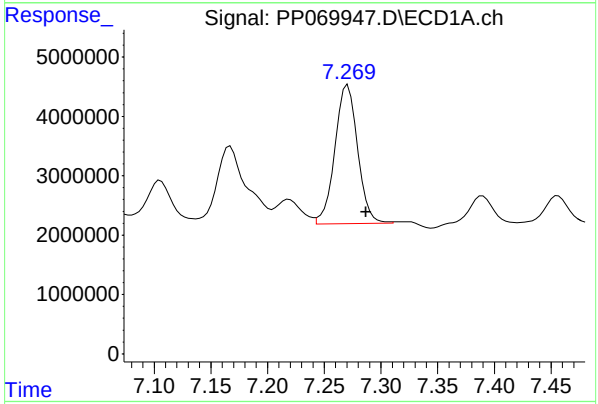
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



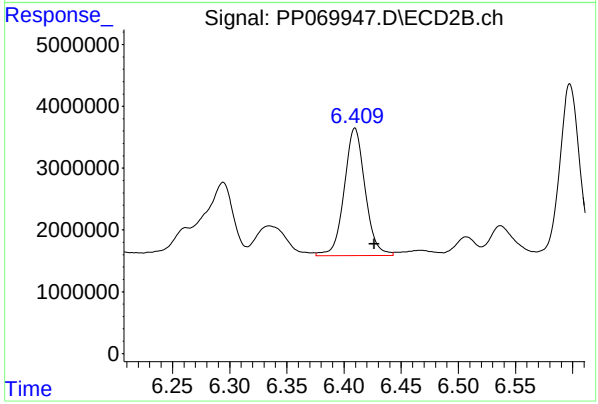
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 14132131
Conc: 526.85 ng/ml m



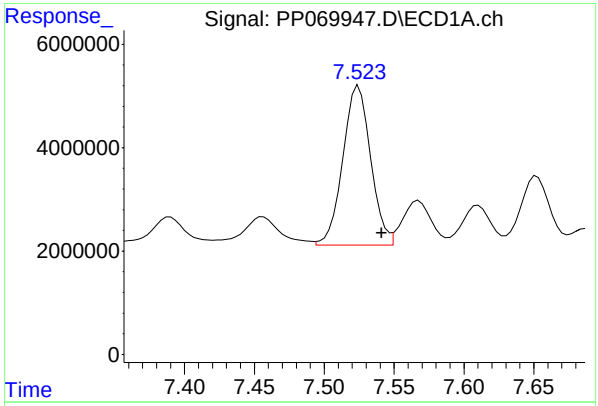
#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: -0.018 min
Response: 32547213
Conc: 556.97 ng/ml m



#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 26307573
Conc: 545.47 ng/ml



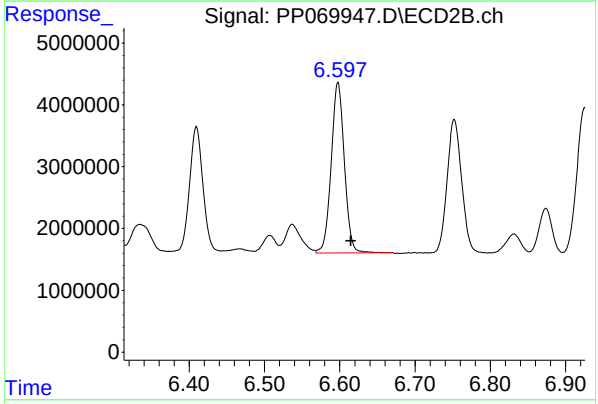
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 mi
Response: 42714191
Conc: 548.93 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

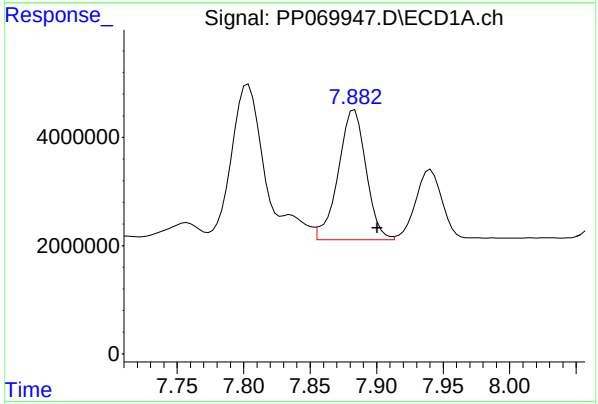
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



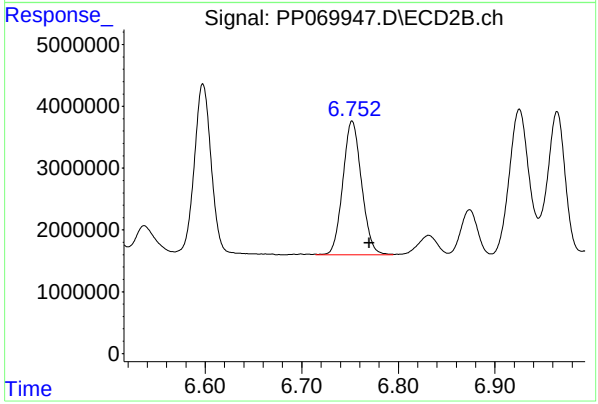
#32 AR-1260-2

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 33435044
Conc: 545.40 ng/ml



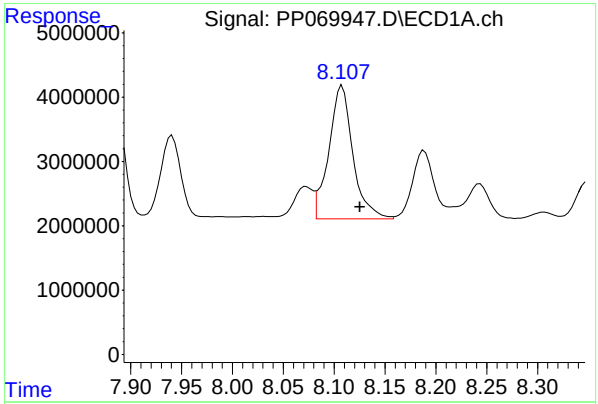
#33 AR-1260-3

R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 34879740
Conc: 557.90 ng/ml



#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 29208753
Conc: 485.55 ng/ml m



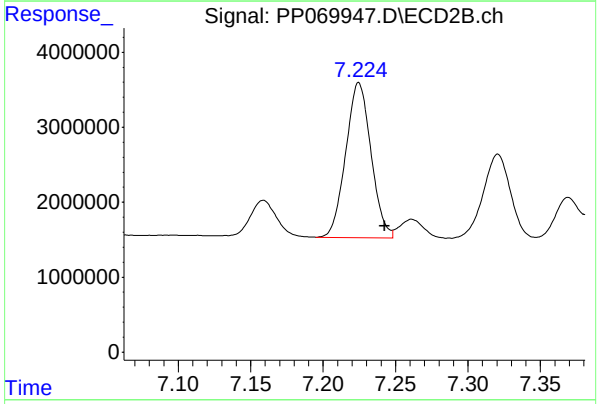
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 34238610
Conc: 518.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

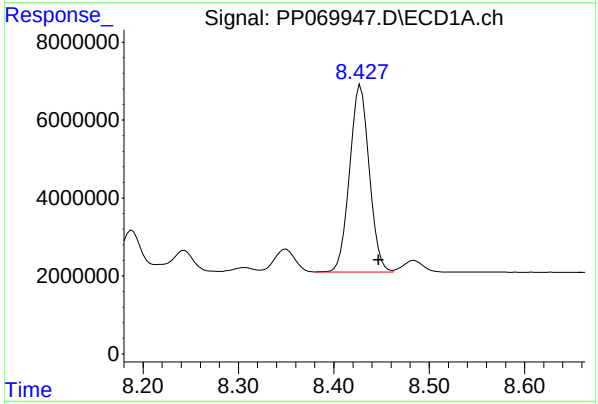
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



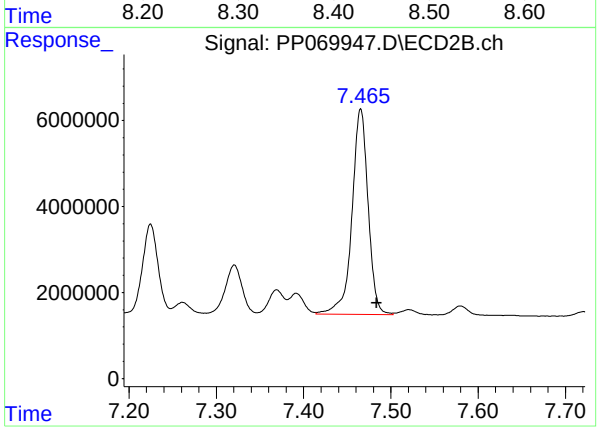
#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 25100406
Conc: 540.17 ng/ml



#35 AR-1260-5

R.T.: 8.428 min
Delta R.T.: -0.019 min
Response: 69053683
Conc: 527.43 ng/ml



#35 AR-1260-5

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 61593431
Conc: 554.17 ng/ml

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

Analytical Sequence

Client: Nobis Group **SDG No.:** Q1382

Project: Raymark Superfund Site **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/28/2025 01/28/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	01/28/2025	09:21	PP069264.D	10.28	4.54
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	10.28	4.54
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	10.28	4.54
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	10.28	4.54
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	10.28	4.53
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	10.28	4.54
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	10.28	4.54
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	10.28	4.53
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	10.28	4.54
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	10.28	4.54
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	10.28	4.54
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	10.28	4.54
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	10.28	4.54
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	10.28	4.54
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	10.28	4.54
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	10.28	4.54
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	10.28	4.54
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	10.28	4.54
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	10.28	4.54
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	10.28	4.54
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	10.28	4.53
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	10.28	4.54
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	10.28	4.54
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	10.28	4.54
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	10.28	4.54
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	10.28	4.54
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	10.28	4.54
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	10.29	4.55
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	10.28	4.54
AR1660CCC500	AR1660CCC500	02/19/2025	08:26	PP069827.D	10.26	4.53
AR1254CCC500	AR1254CCC500	02/19/2025	09:19	PP069830.D	10.25	4.52
I.BLK	I.BLK	02/19/2025	10:11	PP069831.D	10.25	4.52
PB166770BL	PB166770BL	02/19/2025	13:00	PP069837.D	10.25	4.53
PB166770BS	PB166770BS	02/19/2025	13:16	PP069838.D	10.25	4.52
OU4-PCS-TC-01-021725	Q1382-01	02/19/2025	13:32	PP069839.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/19/2025	15:10	PP069842.D	10.25	4.52
AR1254CCC500	AR1254CCC500	02/19/2025	16:15	PP069845.D	10.25	4.53
I.BLK	I.BLK	02/19/2025	16:31	PP069846.D	10.25	4.52
OU4-PCS-TC-02-021725	Q1382-03	02/19/2025	16:47	PP069847.D	10.25	4.53
OU4-PCS-TC-03-021725	Q1382-05	02/19/2025	17:03	PP069848.D	10.25	4.52
OU4-PCS-TC-04-021725	Q1382-07	02/19/2025	17:19	PP069849.D	10.25	4.53
OU4-PCS-TC-06-021725	Q1382-11	02/19/2025	17:52	PP069851.D	10.25	4.52

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

Analytical Sequence

OU4-PCS-TC-07-021725	Q1382-13	02/19/2025	18:08	PP069852.D	10.25	4.53
OU4-PCS-TC-08-021725	Q1382-15	02/19/2025	18:24	PP069853.D	10.25	4.52
OU4-PCS-TC-09-021725	Q1382-17	02/19/2025	18:40	PP069854.D	10.25	4.53
OU4-PCS-TC-10-021725	Q1382-19	02/19/2025	18:57	PP069855.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/19/2025	20:18	PP069857.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/19/2025	21:23	PP069860.D	10.25	4.52
I.BLK	I.BLK	02/19/2025	21:39	PP069861.D	10.25	4.53
AR1660CCC500	AR1660CCC500	02/20/2025	17:03	PP069917.D	10.25	4.52
AR1254CCC500	AR1254CCC500	02/20/2025	17:52	PP069920.D	10.26	4.53
I.BLK	I.BLK	02/20/2025	18:08	PP069921.D	10.25	4.52
OU4-PCS-TC-01-021725MS	Q1382-01MS	02/20/2025	19:29	PP069926.D	10.25	4.52
OU4-PCS-TC-01-021725MSD	Q1382-01MSD	02/20/2025	19:46	PP069927.D	10.25	4.52
OU4-PCS-TC-02-021725RE	Q1382-03RE	02/20/2025	20:02	PP069928.D	10.26	4.53
OU4-PCS-TC-03-021725RE	Q1382-05RE	02/20/2025	20:18	PP069929.D	10.26	4.53
OU4-PCS-TC-04-021725RE	Q1382-07RE	02/20/2025	20:34	PP069930.D	10.25	4.52
OU4-PCS-TC-06-021725RE	Q1382-11RE	02/20/2025	20:50	PP069931.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/20/2025	21:28	PP069932.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/20/2025	22:17	PP069935.D	10.25	4.52
I.BLK	I.BLK	02/20/2025	22:33	PP069936.D	10.25	4.53
OU4-PCS-TC-10-021725RE	Q1382-19RE	02/20/2025	22:49	PP069937.D	10.25	4.53
OU4-PCS-TC-05-021725	Q1382-09	02/21/2025	00:59	PP069945.D	10.25	4.53
AR1660CCC500	AR1660CCC500	02/21/2025	01:53	PP069947.D	10.25	4.52
I.BLK	I.BLK	02/21/2025	02:58	PP069951.D	10.25	4.53

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

Analytical Sequence

Client: Nobis Group **SDG No.:** Q1382

Project: Raymark Superfund Site **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/28/2025 01/28/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	01/28/2025	09:21	PP069264.D	8.91	3.84
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	8.91	3.84
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	8.91	3.84
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	8.91	3.84
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	8.91	3.84
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	8.91	3.84
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	8.91	3.84
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	8.91	3.84
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	8.91	3.84
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	8.91	3.84
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	8.91	3.84
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	8.91	3.84
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	8.91	3.84
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	8.91	3.84
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	8.91	3.84
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	8.91	3.84
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	8.91	3.84
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	8.91	3.84
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	8.91	3.84
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	8.91	3.84
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	8.91	3.84
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	8.91	3.84
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	8.91	3.84
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	8.91	3.84
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	8.91	3.84
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	8.91	3.84
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	8.91	3.84
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	8.91	3.84
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	8.91	3.84
AR1660CCC500	AR1660CCC500	02/19/2025	08:26	PP069827.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	09:19	PP069830.D	8.89	3.83
I.BLK	I.BLK	02/19/2025	10:11	PP069831.D	8.89	3.83
PB166770BL	PB166770BL	02/19/2025	13:00	PP069837.D	8.89	3.83
PB166770BS	PB166770BS	02/19/2025	13:16	PP069838.D	8.89	3.83
OU4-PCS-TC-01-021725	Q1382-01	02/19/2025	13:32	PP069839.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/19/2025	15:10	PP069842.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	16:15	PP069845.D	8.89	3.83
I.BLK	I.BLK	02/19/2025	16:31	PP069846.D	8.89	3.83
OU4-PCS-TC-02-021725	Q1382-03	02/19/2025	16:47	PP069847.D	8.89	3.83
OU4-PCS-TC-03-021725	Q1382-05	02/19/2025	17:03	PP069848.D	8.89	3.83
OU4-PCS-TC-04-021725	Q1382-07	02/19/2025	17:19	PP069849.D	8.89	3.83
OU4-PCS-TC-06-021725	Q1382-11	02/19/2025	17:52	PP069851.D	8.89	3.83

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

Analytical Sequence

OU4-PCS-TC-07-021725	Q1382-13	02/19/2025	18:08	PP069852.D	8.89	3.83
OU4-PCS-TC-08-021725	Q1382-15	02/19/2025	18:24	PP069853.D	8.89	3.83
OU4-PCS-TC-09-021725	Q1382-17	02/19/2025	18:40	PP069854.D	8.89	3.83
OU4-PCS-TC-10-021725	Q1382-19	02/19/2025	18:57	PP069855.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/19/2025	20:18	PP069857.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	21:23	PP069860.D	8.89	3.83
I.BLK	I.BLK	02/19/2025	21:39	PP069861.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	17:03	PP069917.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/20/2025	17:52	PP069920.D	8.89	3.83
I.BLK	I.BLK	02/20/2025	18:08	PP069921.D	8.89	3.83
OU4-PCS-TC-01-021725MS	Q1382-01MS	02/20/2025	19:29	PP069926.D	8.89	3.83
OU4-PCS-TC-01-021725MSD	Q1382-01MSD	02/20/2025	19:46	PP069927.D	8.89	3.83
OU4-PCS-TC-02-021725RE	Q1382-03RE	02/20/2025	20:02	PP069928.D	8.89	3.83
OU4-PCS-TC-03-021725RE	Q1382-05RE	02/20/2025	20:18	PP069929.D	8.89	3.83
OU4-PCS-TC-04-021725RE	Q1382-07RE	02/20/2025	20:34	PP069930.D	8.89	3.83
OU4-PCS-TC-06-021725RE	Q1382-11RE	02/20/2025	20:50	PP069931.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	21:28	PP069932.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/20/2025	22:17	PP069935.D	8.89	3.83
I.BLK	I.BLK	02/20/2025	22:33	PP069936.D	8.89	3.83
OU4-PCS-TC-10-021725RE	Q1382-19RE	02/20/2025	22:49	PP069937.D	8.89	3.83
OU4-PCS-TC-05-021725	Q1382-09	02/21/2025	00:59	PP069945.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/21/2025	01:53	PP069947.D	8.89	3.83
I.BLK	I.BLK	02/21/2025	02:58	PP069951.D	8.89	3.83

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB166770BS

Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382

Lab Sample ID: PB166770BS Date(s) Analyzed: 02/19/2025 02/19/2025

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 PP069838.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.676	5.626	5.726	143		
	2	5.699	5.649	5.749	163		
	3	5.762	5.712	5.812	156		
COLUMN 1	4	5.859	5.809	5.909	159		
	5	6.151	6.101	6.201	145	153	
	1	4.919	4.869	4.969	149		
	2	4.939	4.889	4.989	152		
	3	5.117	5.067	5.167	156		
	4	5.158	5.108	5.208	151		
COLUMN 2	5	5.374	5.324	5.424	147	151	1.32
Aroclor-1260	1	7.271	7.221	7.321	153		
	2	7.525	7.475	7.575	149		
	3	7.884	7.834	7.934	133		
COLUMN 1	4	8.107	8.057	8.157	147		
	5	8.429	8.379	8.479	136	143	
	1	6.412	6.362	6.462	170		
	2	6.599	6.549	6.649	172		
	3	6.753	6.703	6.803	152		
	4	7.226	7.176	7.276	148		
COLUMN 2	5	7.467	7.417	7.517	154	159	10.6

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-01-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382
Lab Sample ID: Q1382-01 Date(s) Analyzed: 02/19/2025 02/19/2025
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 PP069839.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.523	6.473	6.573	10.2		
	2	6.742	6.692	6.792	14.5		
	3	7.104	7.054	7.154	7.83		
COLUMN 1	4	7.387	7.337	7.437	10.0		
	5	7.803	7.753	7.853	4.38	9.40	
	1	5.725	5.675	5.775	13.6		
	2	5.875	5.825	5.925	13.3		
	3	6.28	6.23	6.33	10.7		
	4	6.507	6.457	6.557	10.5		
COLUMN 2	5	6.926	6.876	6.976	6.55	10.9	14.78

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-03-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382
Lab Sample ID: Q1382-05 Date(s) Analyzed: 02/19/2025 02/19/2025
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 PP069848.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.524	6.474	6.574	12.3		
	2	6.743	6.693	6.793	16.3		
	3	7.105	7.055	7.155	10.1		
COLUMN 1	4	7.388	7.338	7.438	11.7		
	5	7.804	7.754	7.854	6.52	11.4	
	1	5.727	5.677	5.777	15.6		
	2	5.876	5.826	5.926	16.4		
	3	6.281	6.231	6.331	12.7		
	4	6.51	6.46	6.56	14.3		
COLUMN 2	5	6.929	6.879	6.979	7.91	13.4	16.13

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-PCS-TC-06-021725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382

Lab Sample ID: Q1382-11 Date(s) Analyzed: 02/19/2025 02/19/2025

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 PP069851.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.525	6.475	6.575	14.5		
	2	6.742	6.692	6.792	20.4		
	3	7.105	7.055	7.155	17.2		
COLUMN 1	4	7.387	7.337	7.437	19.9		
	5	7.802	7.752	7.852	16.9	17.8	
	1	5.727	5.677	5.777	19.6		
	2	5.876	5.826	5.926	23.0		
	3	6.281	6.231	6.331	19.4		
	4	6.51	6.46	6.56	26.2		
COLUMN 2	5	6.928	6.878	6.978	19.2	21.5	18.83

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-07-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382
Lab Sample ID: Q1382-13 Date(s) Analyzed: 02/19/2025 02/19/2025
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 PP069852.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.531	6.481	6.581	46.2		
	2	6.747	6.697	6.797	43.7		
	3	7.109	7.059	7.159	42.1		
COLUMN 1	4	7.392	7.342	7.442	44.4		
	5	7.809	7.759	7.859	39.6	43.2	
	1	5.727	5.677	5.777	43.8		
	2	5.875	5.825	5.925	50.6		
	3	6.28	6.23	6.33	39.1		
	4	6.508	6.458	6.558	42.1		
COLUMN 2	5	6.928	6.878	6.978	37.1	42.5	1.63

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-PCS-TC-01-021725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382

Lab Sample ID: Q1382-01MS Date(s) Analyzed: 02/20/2025 02/20/2025

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 PP069926.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.677	5.627	5.727	182		
	2	5.7	5.65	5.75	166		
	3	5.762	5.712	5.812	157		
COLUMN 1	4	5.859	5.809	5.909	166		
	5	6.151	6.101	6.201	148	164	
	1	4.918	4.868	4.968	164		
	2	4.938	4.888	4.988	157		
	3	5.115	5.065	5.165	156		
	4	5.157	5.107	5.207	154		
COLUMN 2	5	5.373	5.323	5.423	149	156	5
Aroclor-1254	1	6.528	6.478	6.578	95.8		
	2	6.743	6.693	6.793	61.2		
	3	7.107	7.057	7.157	30.8		
COLUMN 1	4	7.391	7.341	7.441	24.8		
	5	7.805	7.755	7.855	194	81.4	
	1	5.726	5.676	5.776	62.7		
	2	5.874	5.824	5.924	70.0		
	3	6.295	6.245	6.345	62.9		
	4	6.538	6.488	6.588	41.4		
COLUMN 2	5	6.926	6.876	6.976	155	78.5	3.63

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.272	7.222	7.322	153		
	2	7.526	7.476	7.576	150		
	3	7.885	7.835	7.935	127		
COLUMN 1	4	8.107	8.057	8.157	137		
	5	8.429	8.379	8.479	131	140	
	1	6.41	6.36	6.46	160		
	2	6.598	6.548	6.648	162		
	3	6.752	6.702	6.802	142		
	4	7.225	7.175	7.275	138		
COLUMN 2	5	7.466	7.416	7.516	142	149	6.23

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-PCS-TC-01-021725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382

Lab Sample ID: Q1382-01MSD Date(s) Analyzed: 02/20/2025 02/20/2025

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 PP069927.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.675	5.625	5.725	201		
	2	5.698	5.648	5.748	170		
	3	5.761	5.711	5.811	164		
COLUMN 1	4	5.858	5.808	5.908	177		
	5	6.15	6.1	6.2	157	174	
	1	4.92	4.87	4.97	157		
	2	4.938	4.888	4.988	158		
	3	5.116	5.066	5.166	159		
	4	5.158	5.108	5.208	158		
COLUMN 2	5	5.373	5.323	5.423	151	156	10.91
Aroclor-1254	1	6.525	6.475	6.575	76.7		
	2	6.742	6.692	6.792	58.5		
	3	7.106	7.056	7.156	31.9		
COLUMN 1	4	7.389	7.339	7.439	27.1		
	5	7.803	7.753	7.853	196	78.1	
	1	5.727	5.677	5.777	63.1		
	2	5.875	5.825	5.925	72.6		
	3	6.296	6.246	6.346	62.7		
	4	6.509	6.459	6.559	19.9		
COLUMN 2	5	6.927	6.877	6.977	156	74.9	4.18

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.271	7.221	7.321	162		
	2	7.524	7.474	7.574	153		
	3	7.883	7.833	7.933	128		
COLUMN 1	4	8.106	8.056	8.156	136		
	5	8.428	8.378	8.478	134	143	
	1	6.412	6.362	6.462	164		
	2	6.599	6.549	6.649	159		
	3	6.753	6.703	6.803	143		
	4	7.227	7.177	7.277	137		
COLUMN 2	5	7.467	7.417	7.517	144	149	4.11

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-03-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382
Lab Sample ID: Q1382-05RE Date(s) Analyzed: 02/20/2025 02/20/2025
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 PP069929.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.531	6.481	6.581	8.60		
	2	6.744	6.694	6.794	15.5		
	3	7.105	7.055	7.155	15.2		
COLUMN 1	4	7.389	7.339	7.439	12.9		
	5	7.807	7.757	7.857	5.51	11.6	
	1	5.726	5.676	5.776	14.3		
	2	5.873	5.823	5.923	13.5		
	3	6.278	6.228	6.328	11.5		
	4	6.509	6.459	6.559	10.2		
COLUMN 2	5	6.927	6.877	6.977	6.45	11.2	3.51

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-PCS-TC-06-021725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1382 SAS No.: Q1382 SDG NO.: Q1382

Lab Sample ID: Q1382-11RE Date(s) Analyzed: 02/20/2025 02/20/2025

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 PP069931.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.53	6.48	6.58	12.0		
	2	6.743	6.693	6.793	16.2		
	3	7.106	7.056	7.156	24.1		
COLUMN 1	4	7.389	7.339	7.439	21.8		
	5	7.807	7.757	7.857	15.8	18.0	
	1	5.726	5.676	5.776	16.3		
	2	5.874	5.824	5.924	18.4		
	3	6.28	6.23	6.33	17.2		
	4	6.508	6.458	6.558	19.3		
COLUMN 2	5	6.927	6.877	6.977	19.8	18.2	1.1

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:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB166770BL	SDG No.:	Q1382
Lab Sample ID:	PB166770BL	Matrix:	SOIL
Analytical Method:	SW8082A	% 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
PP069837.D	1	02/19/25 08:10	02/19/25 13:00	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.30	U	3.40	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	6.40	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	13.0	U	3.40	13.0	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	3.40	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	7.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	13.0	U	2.70	13.0	17.0	ug/kg
37324-23-5	Aroclor-1262	8.30	U	4.60	8.30	17.0	ug/kg
11100-14-4	Aroclor-1268	13.0	U	3.40	13.0	17.0	ug/kg
11096-82-5	Aroclor-1260	8.30	U	2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.7		44 - 130		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		60 - 125		119%	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\PP021925\
Data File : PP069837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:00
Operator : YP\AJ
Sample : PB166770BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166770BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 13:40:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.828	36582177	22945686	25.555	25.708m
2)	SA Decachlor...	10.252	8.887	24526563	26585479	22.442	23.769
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:00
Operator : YP\AJ
Sample : PB166770BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

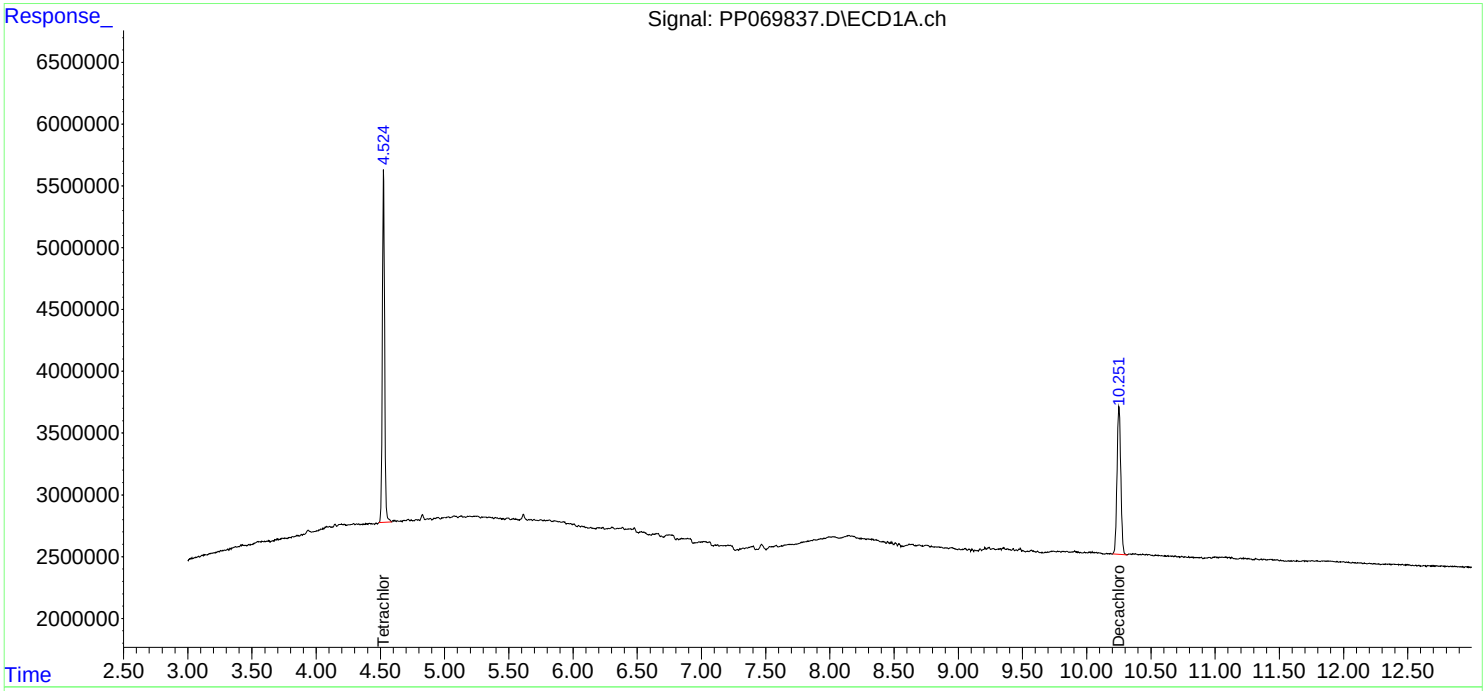
Instrument :
ECD_P
ClientSampleId :
PB166770BL

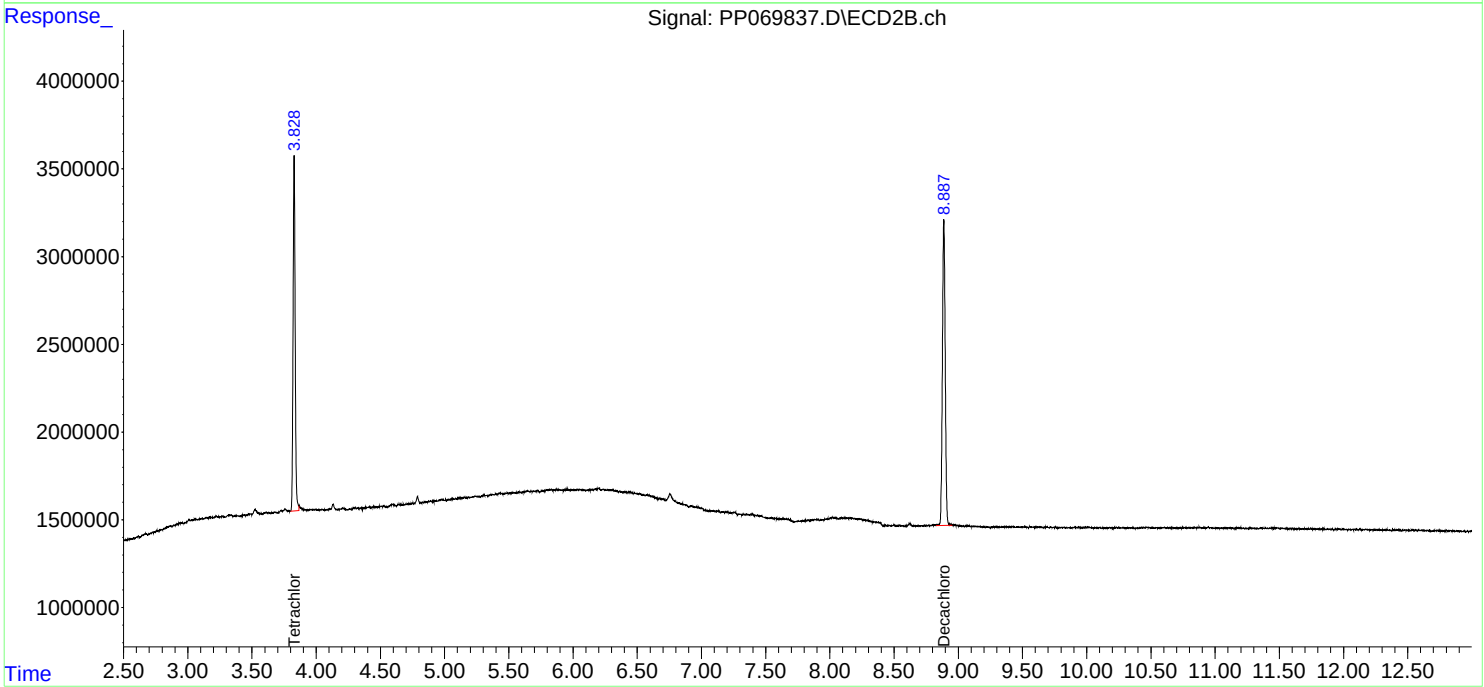
Manual Integrations APPROVED

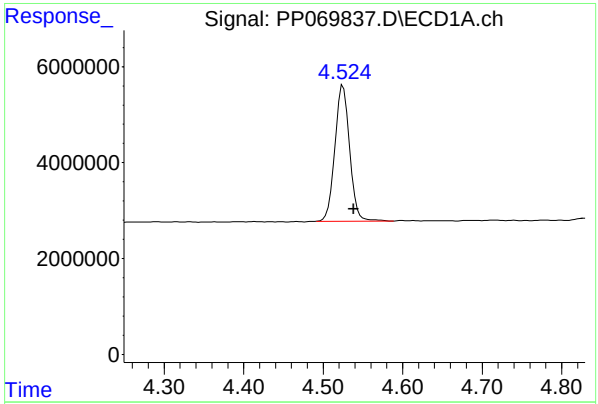
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 13:40:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







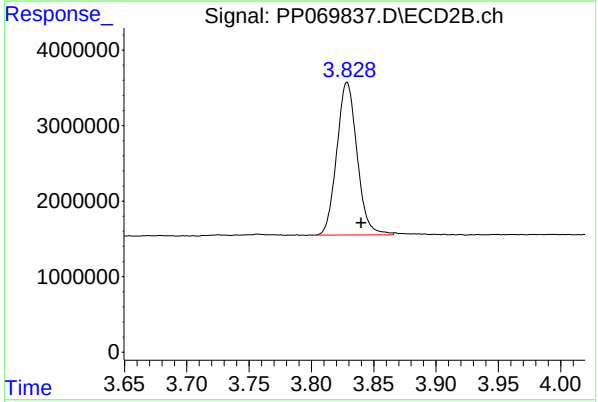
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 36582177
Conc: 25.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL

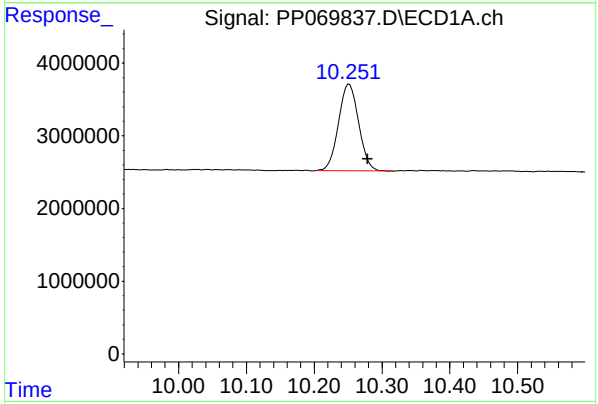
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



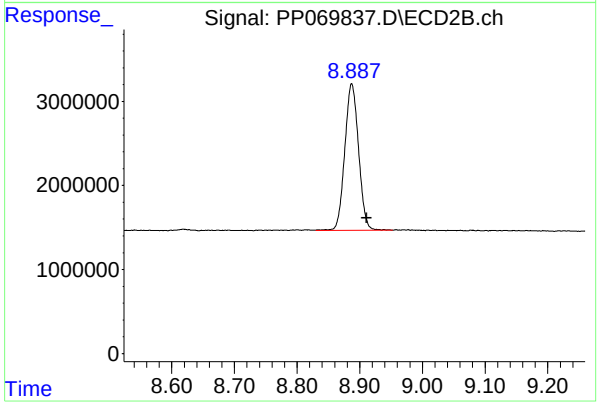
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.012 min
Response: 22945686
Conc: 25.71 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 24526563
Conc: 22.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26585479
Conc: 23.77 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	01/28/25
Project:	Raymark Superfund Site	Date Received:	01/28/25
Client Sample ID:	PIBLK-PP069264.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069264.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069264.D	1		01/28/25	PP012825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.7		60 - 140		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.4		60 - 140		127%	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\PP012825\
Data File : PP069264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.842	36765163	23177515	25.683	25.968
2)	SA Decachlor...	10.282	8.913	27772759	28447720	25.412	25.434
	Target Compounds						

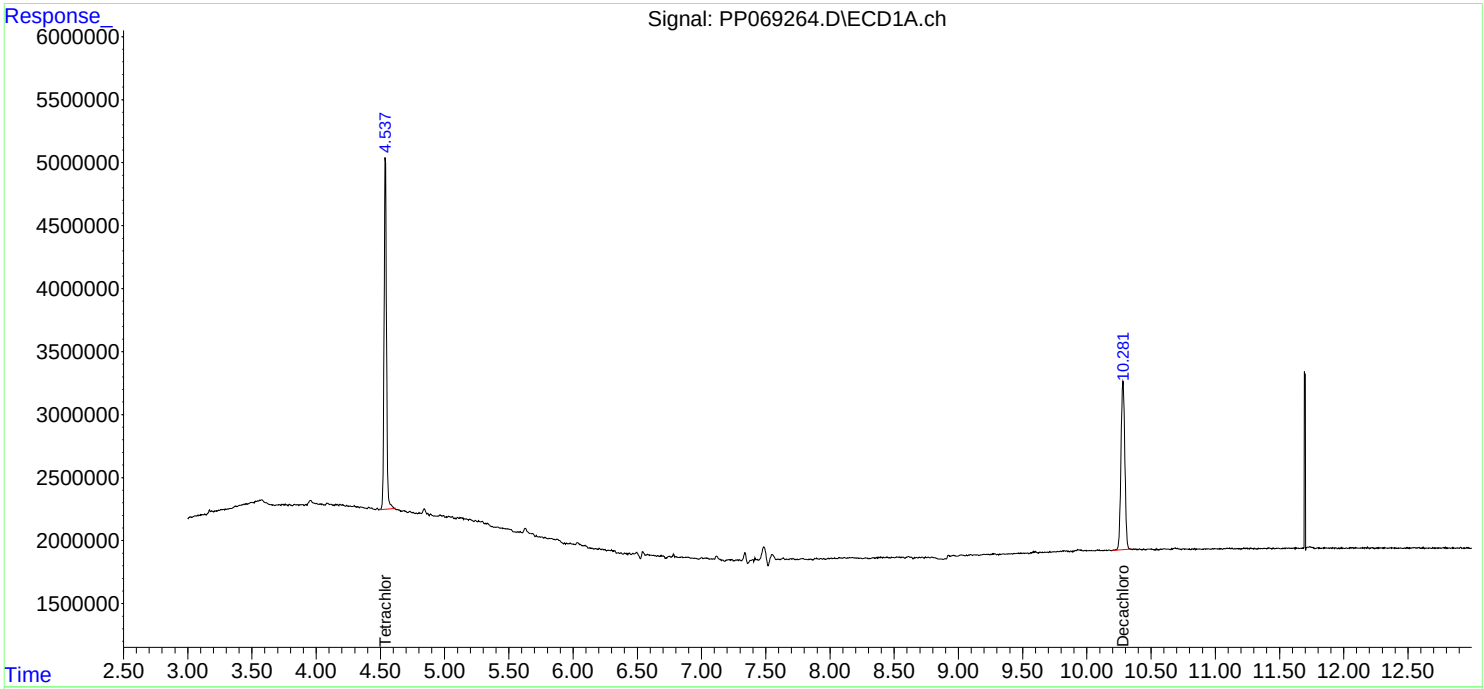
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

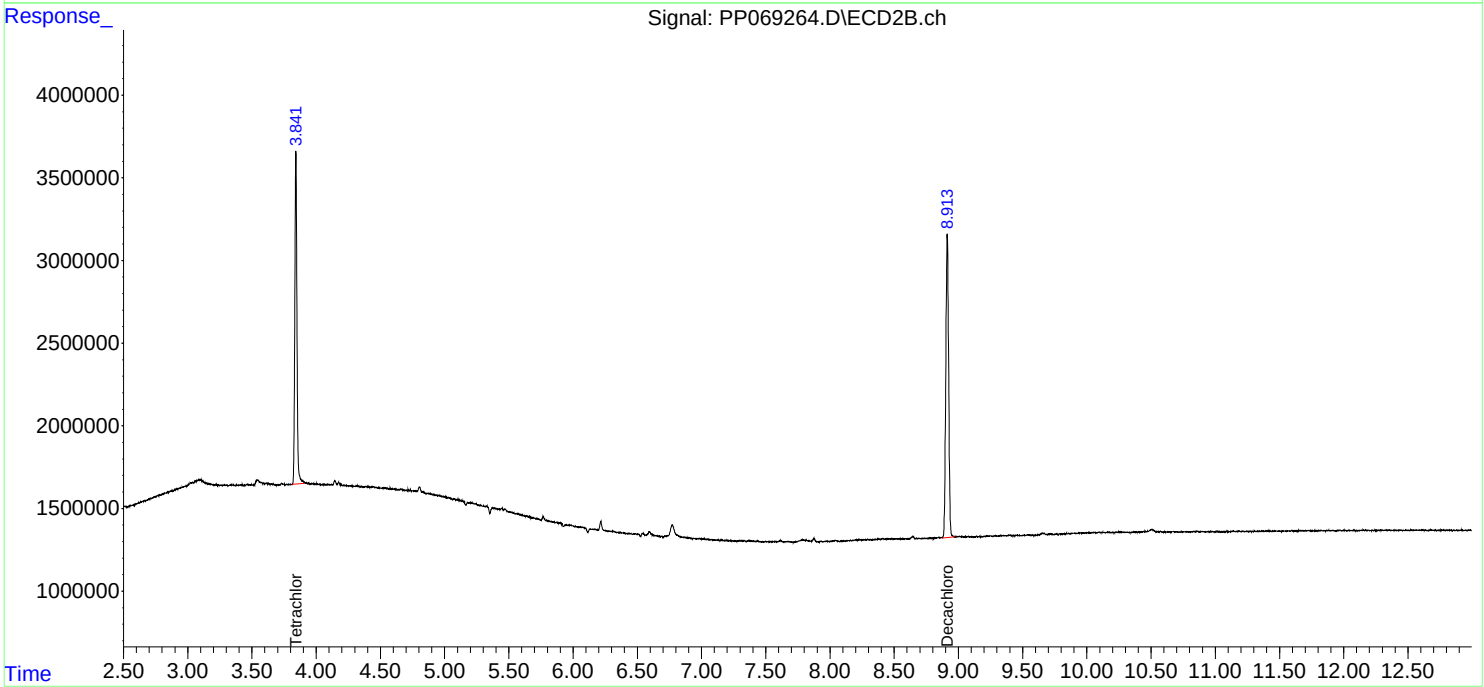
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

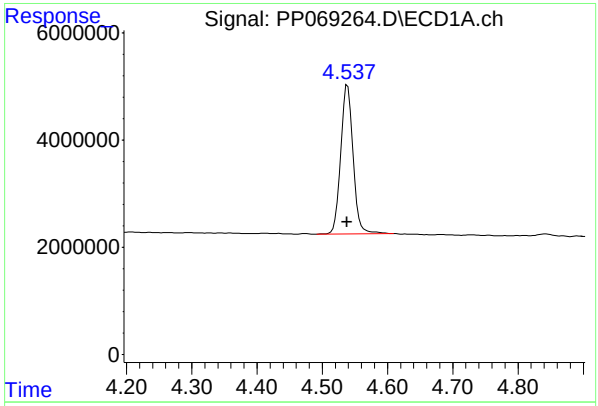
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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



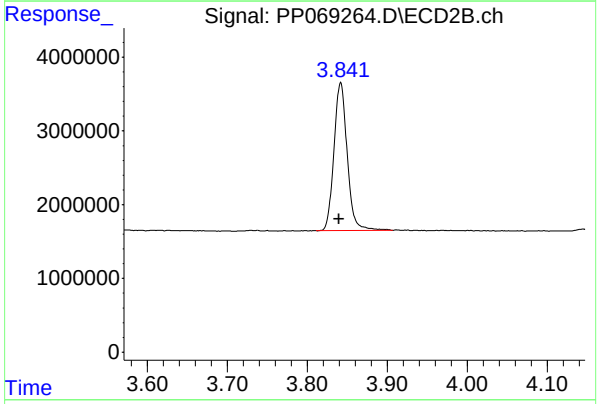




#1 Tetrachloro-m-xylene

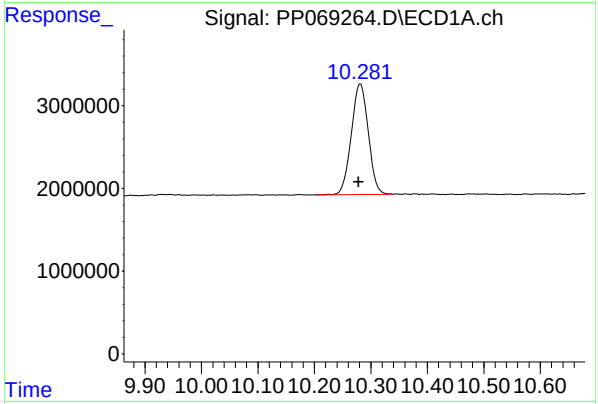
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 36765163
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



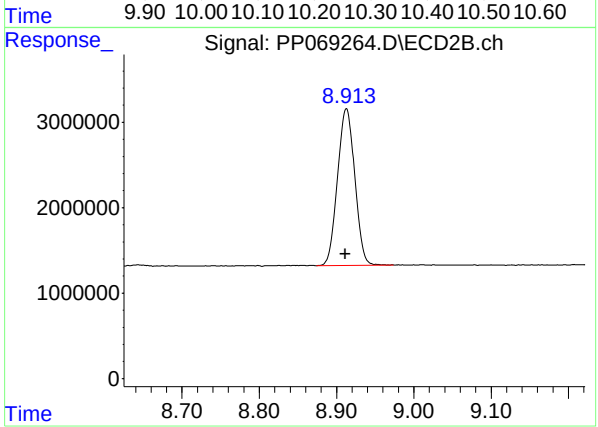
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.002 min
Response: 23177515
Conc: 25.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.282 min
Delta R.T.: 0.004 min
Response: 27772759
Conc: 25.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 28447720
Conc: 25.43 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/19/25
Project:	Raymark Superfund Site	Date Received:	02/19/25
Client Sample ID:	PIBLK-PP069831.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069831.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069831.D	1		02/19/25	PP021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.0		60 - 140		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		60 - 140		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\PP021925\
Data File : PP069831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 10:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 12:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	33330414	20524428	23.284	22.996m
2)	SA Decachlor...	10.250	8.888	24640553	24452957	22.546	21.863
	Target Compounds						

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

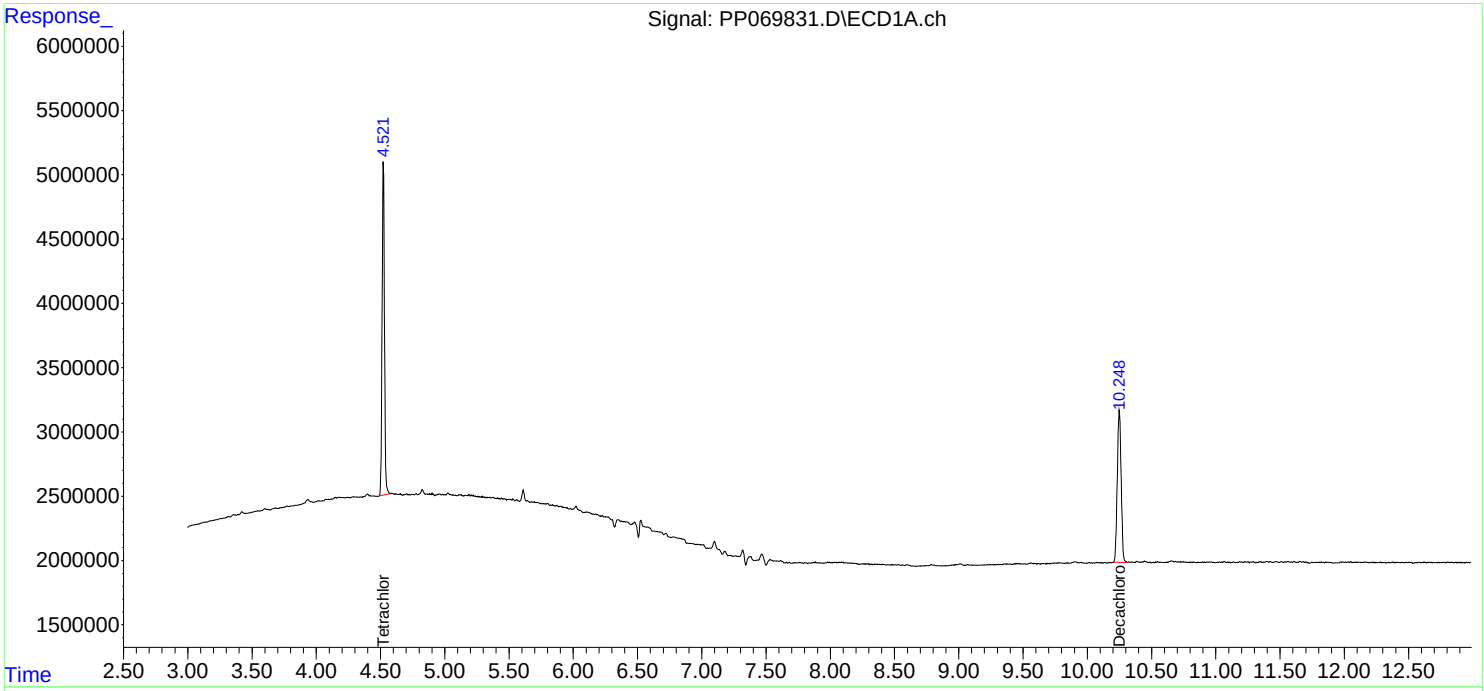
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 10:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

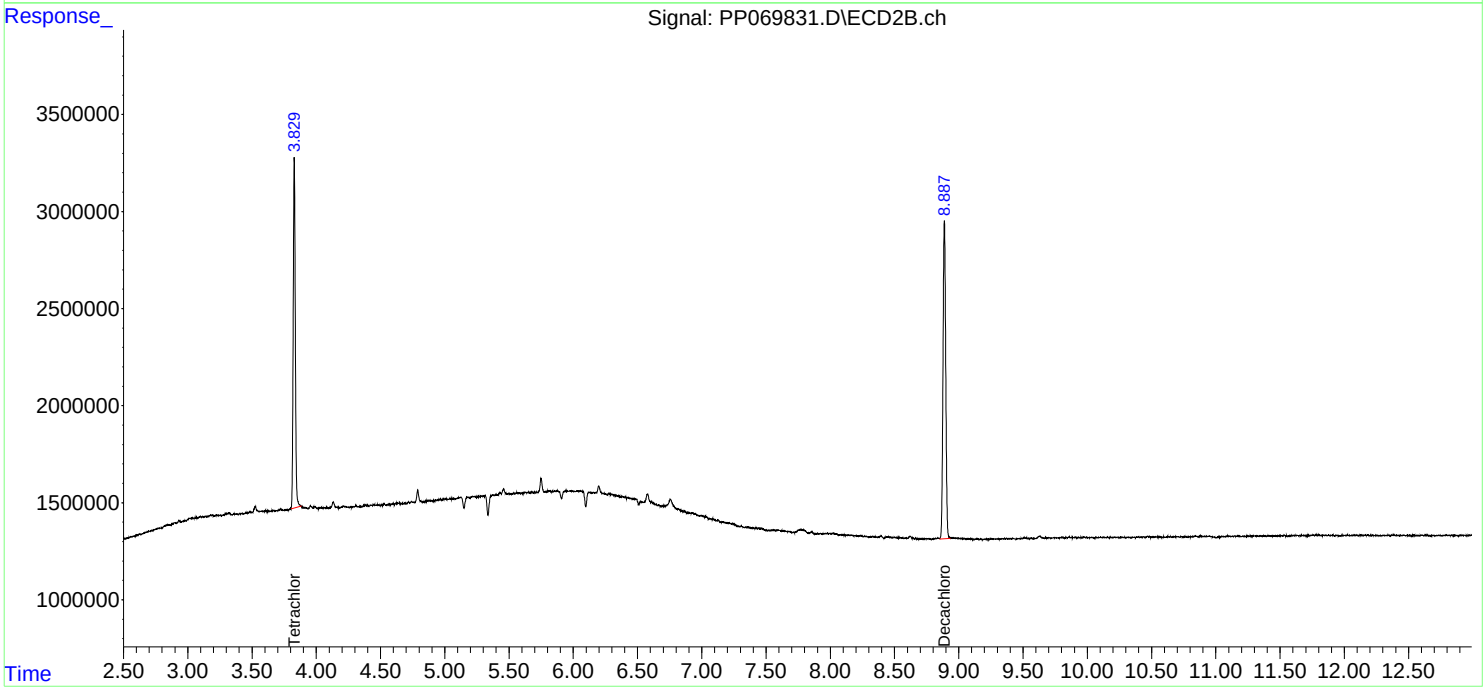
Instrument :
ECD_P
ClientSampleId :
I.BLK

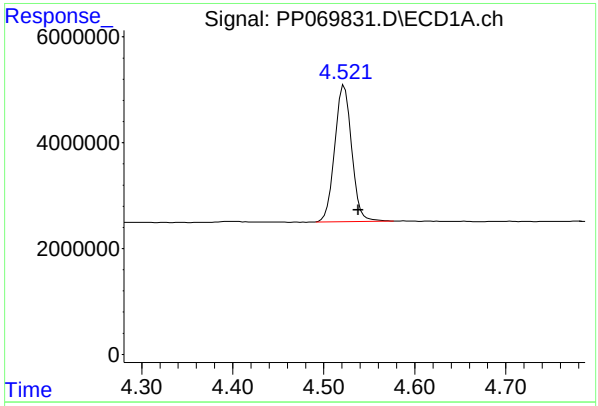
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 12:00:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







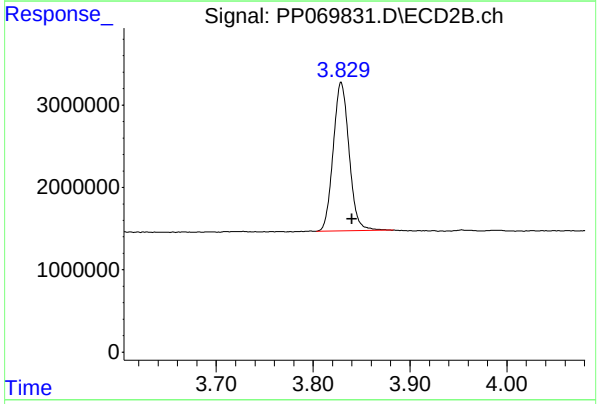
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 33330414
Conc: 23.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

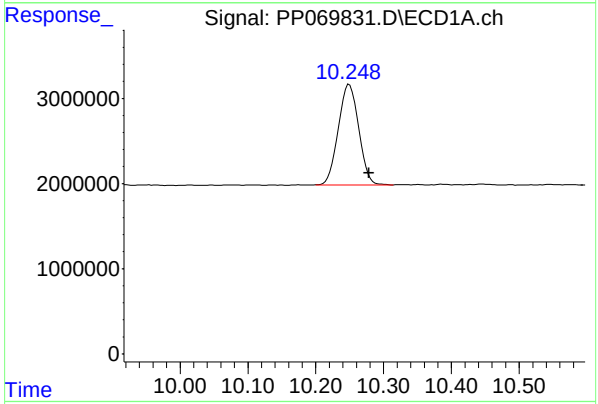
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



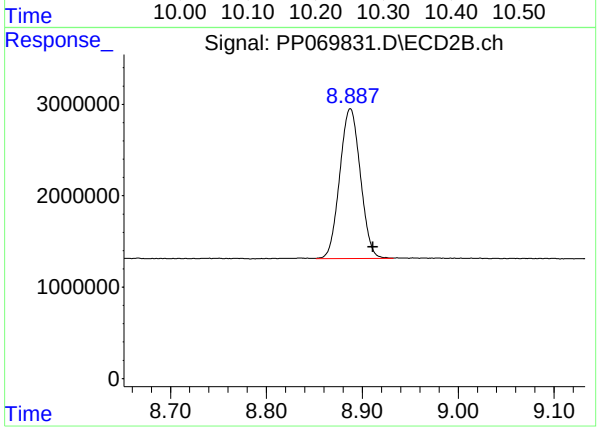
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20524428
Conc: 23.00 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24640553
Conc: 22.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 24452957
Conc: 21.86 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/19/25
Project:	Raymark Superfund Site	Date Received:	02/19/25
Client Sample ID:	PIBLK-PP069846.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069846.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069846.D	1		02/19/25	PP021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		60 - 140		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		60 - 140		111%	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\PP021925\
Data File : PP069846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:31
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	33096603	20482405	23.121	22.948m
2)	SA Decachlor...	10.251	8.888	24297331	25578850	22.232	22.869
	Target Compounds						

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

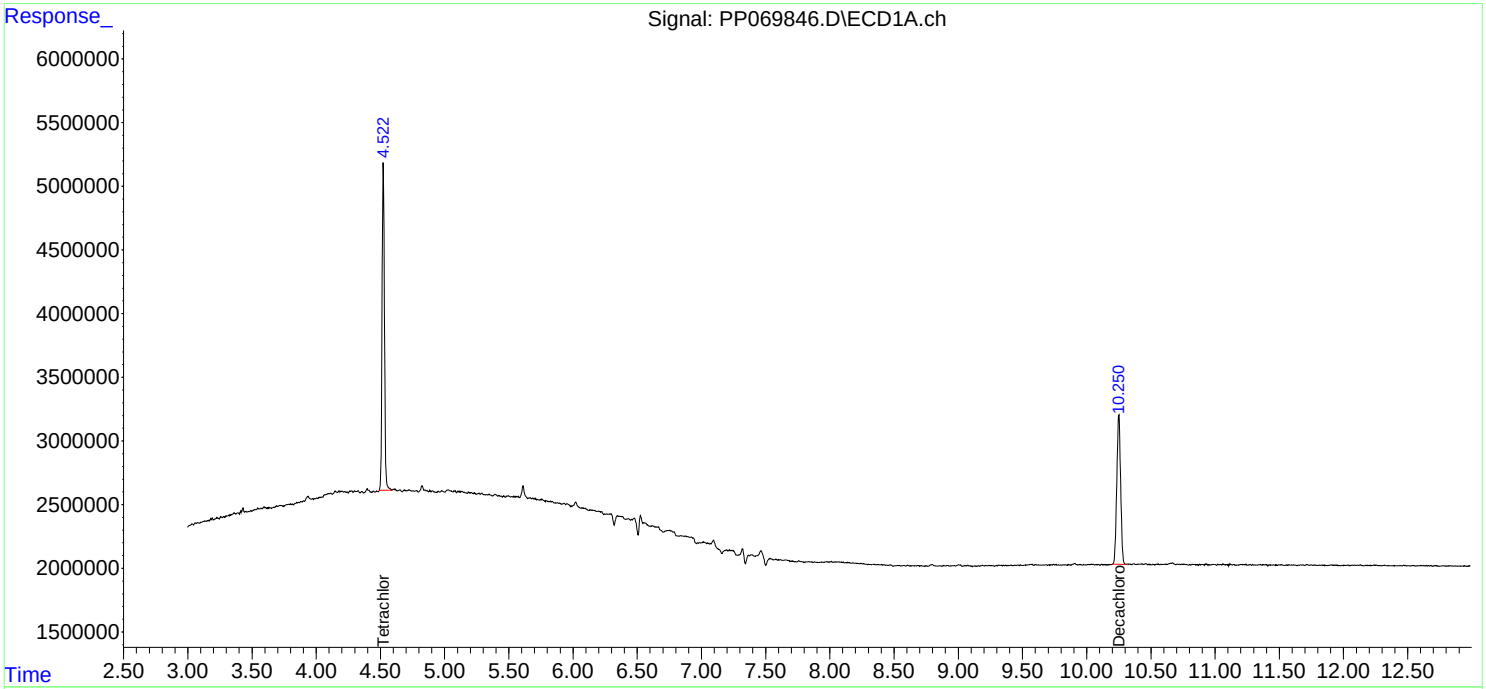
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:31
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

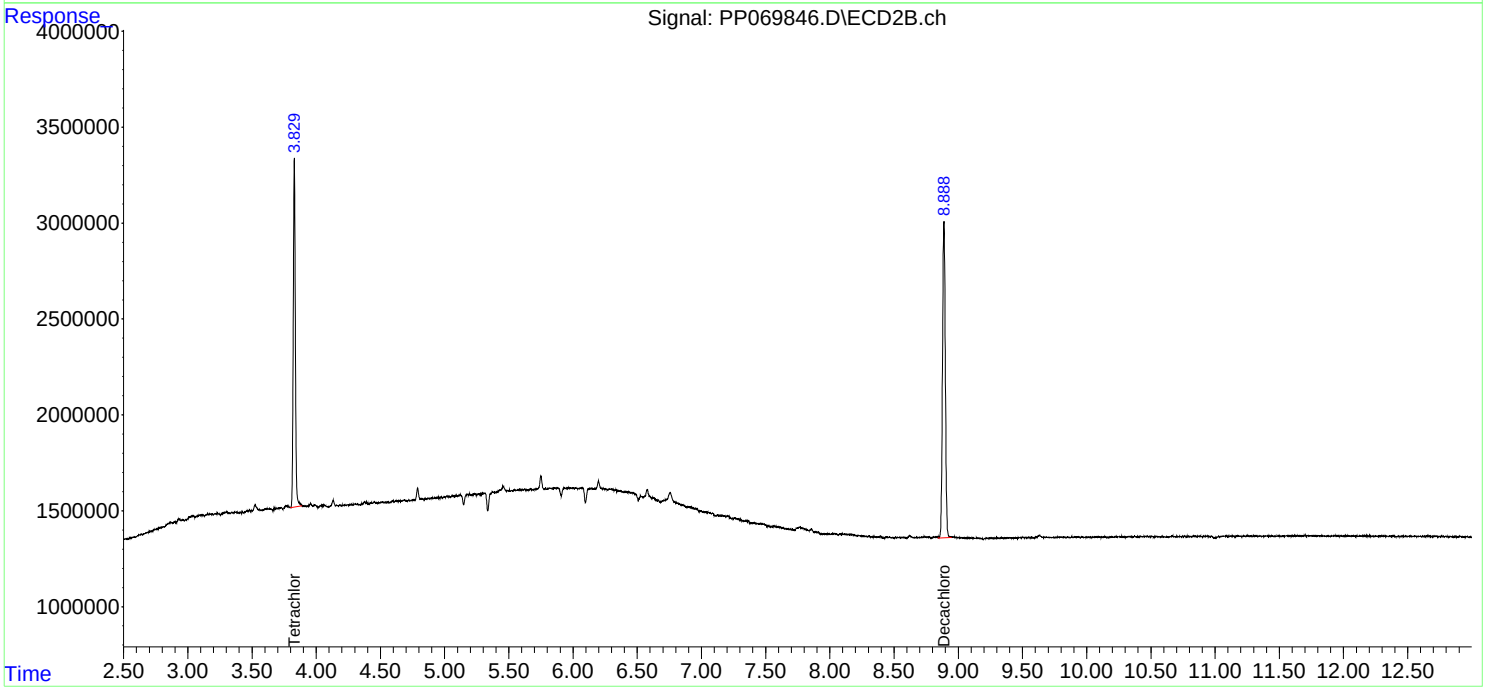
Instrument :
ECD_P
ClientSampleId :
I.BLK

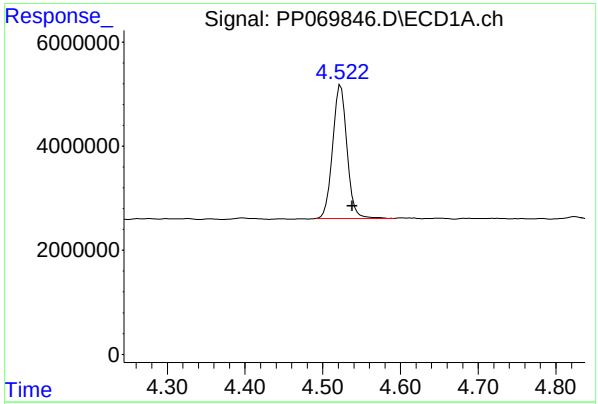
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:25:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







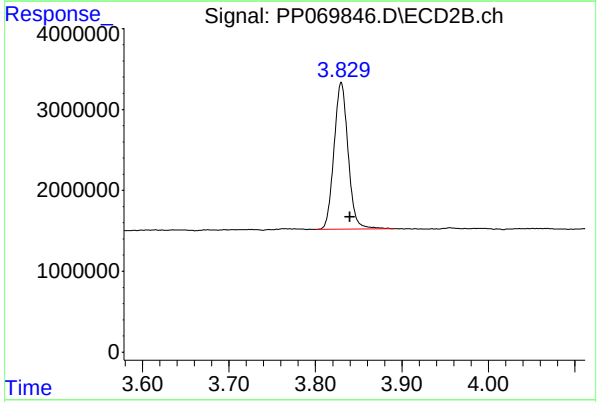
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 33096603
Conc: 23.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

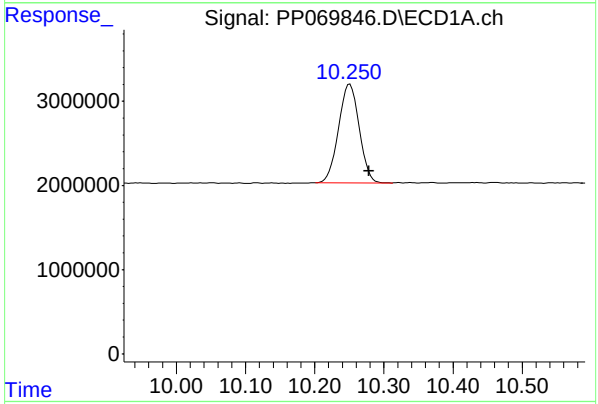
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



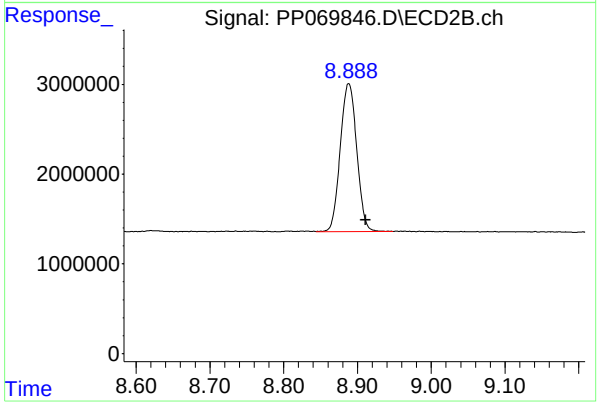
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20482405
Conc: 22.95 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.028 min
Response: 24297331
Conc: 22.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 25578850
Conc: 22.87 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/19/25
Project:	Raymark Superfund Site	Date Received:	02/19/25
Client Sample ID:	PIBLK-PP069861.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069861.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069861.D	1		02/19/25	PP021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.5		60 - 140		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		60 - 140		111%	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\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.830	33016975	20046645	23.065	22.460m
2)	SA Decachlor...	10.252	8.887	24247523	24764461	22.186	22.141
	Target Compounds						

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

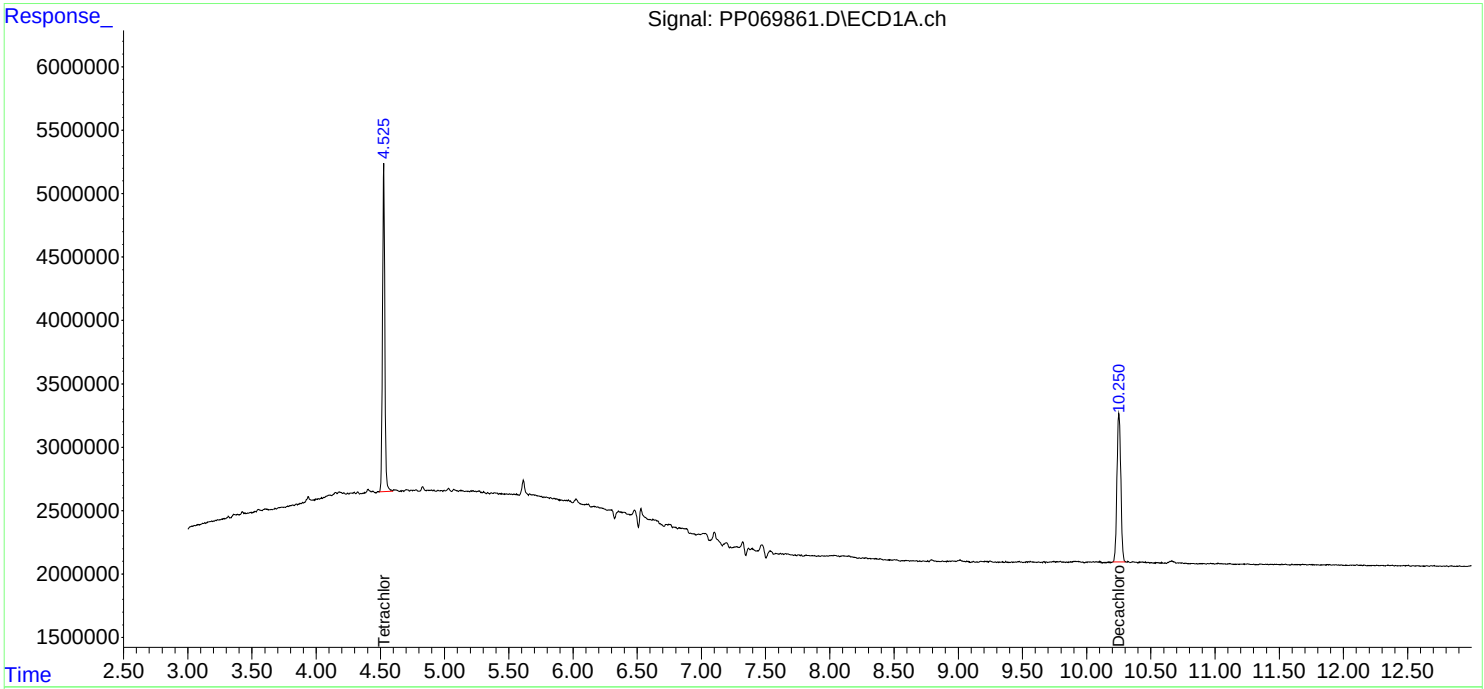
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

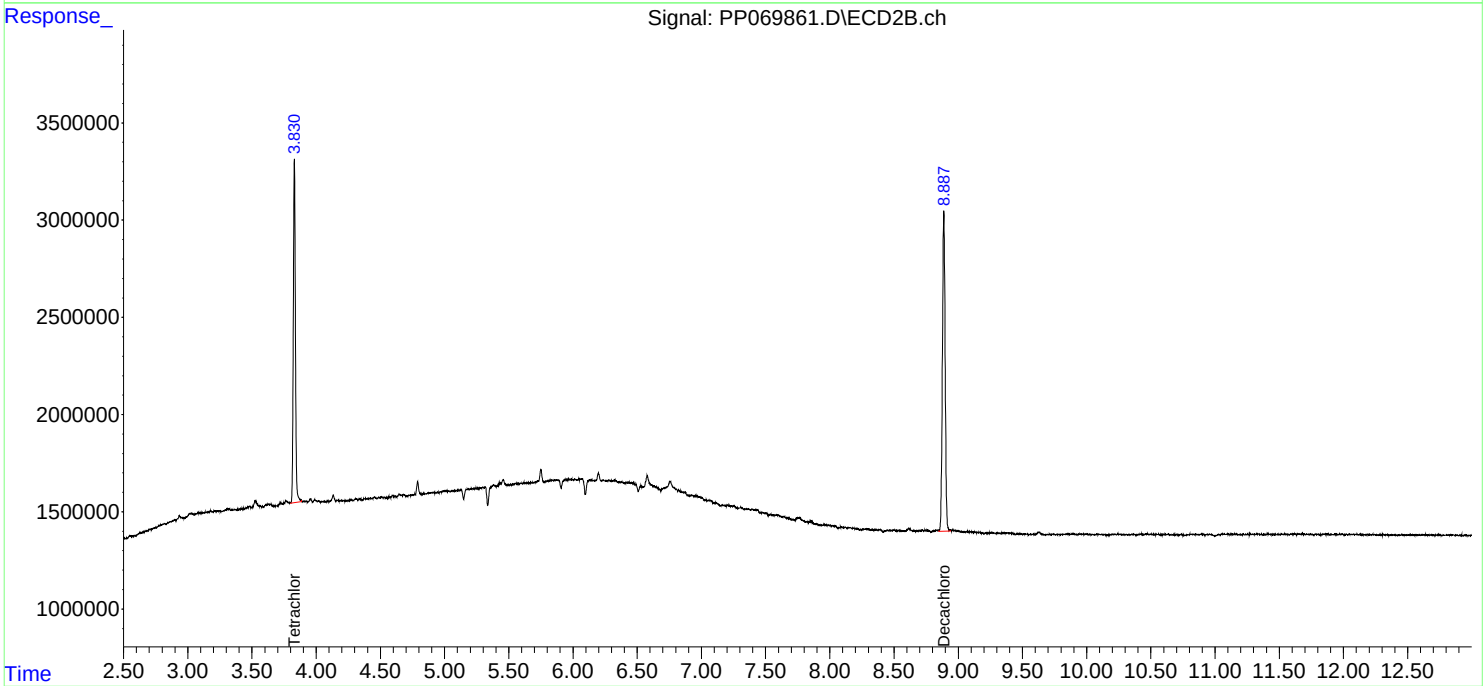
Instrument :
ECD_P
ClientSampleId :
I.BLK

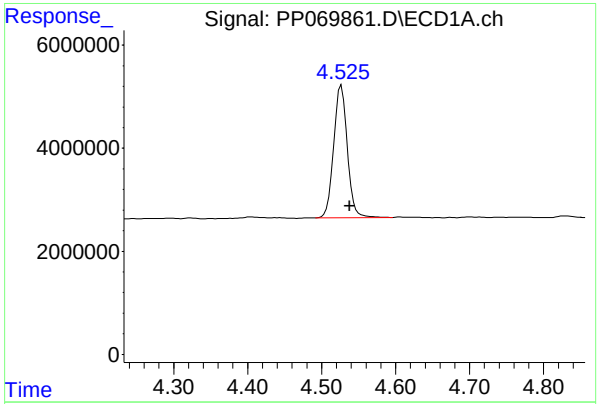
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







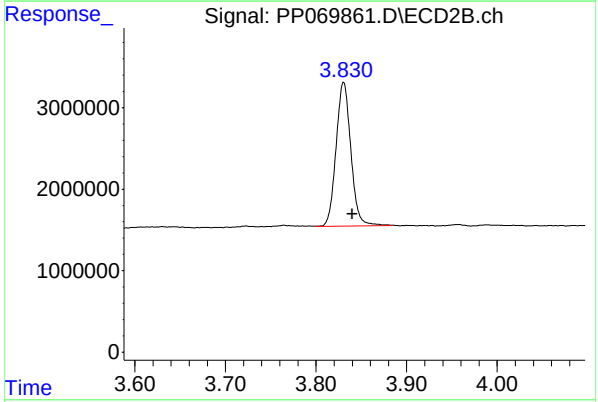
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 33016975
Conc: 23.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

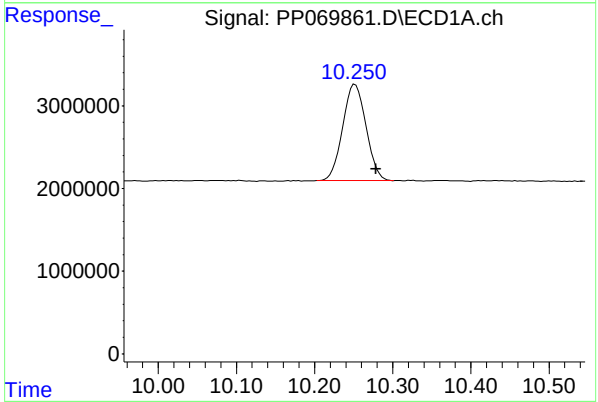
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



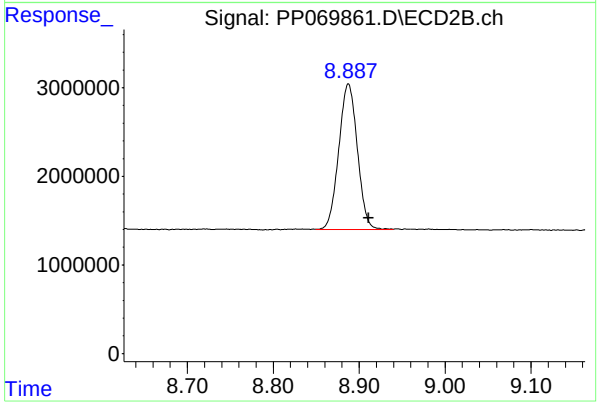
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20046645
Conc: 22.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 24247523
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 24764461
Conc: 22.14 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/20/25
Project:	Raymark Superfund Site	Date Received:	02/20/25
Client Sample ID:	PIBLK-PP069921.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069921.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069921.D	1		02/20/25	PP022025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.8		60 - 140		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 140		118%	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\PP022025\
Data File : PP069921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	34011393	21383745	23.760	23.958m
2)	SA Decachlor...	10.252	8.889	25815110	26557637	23.621	23.744
	Target Compounds						

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

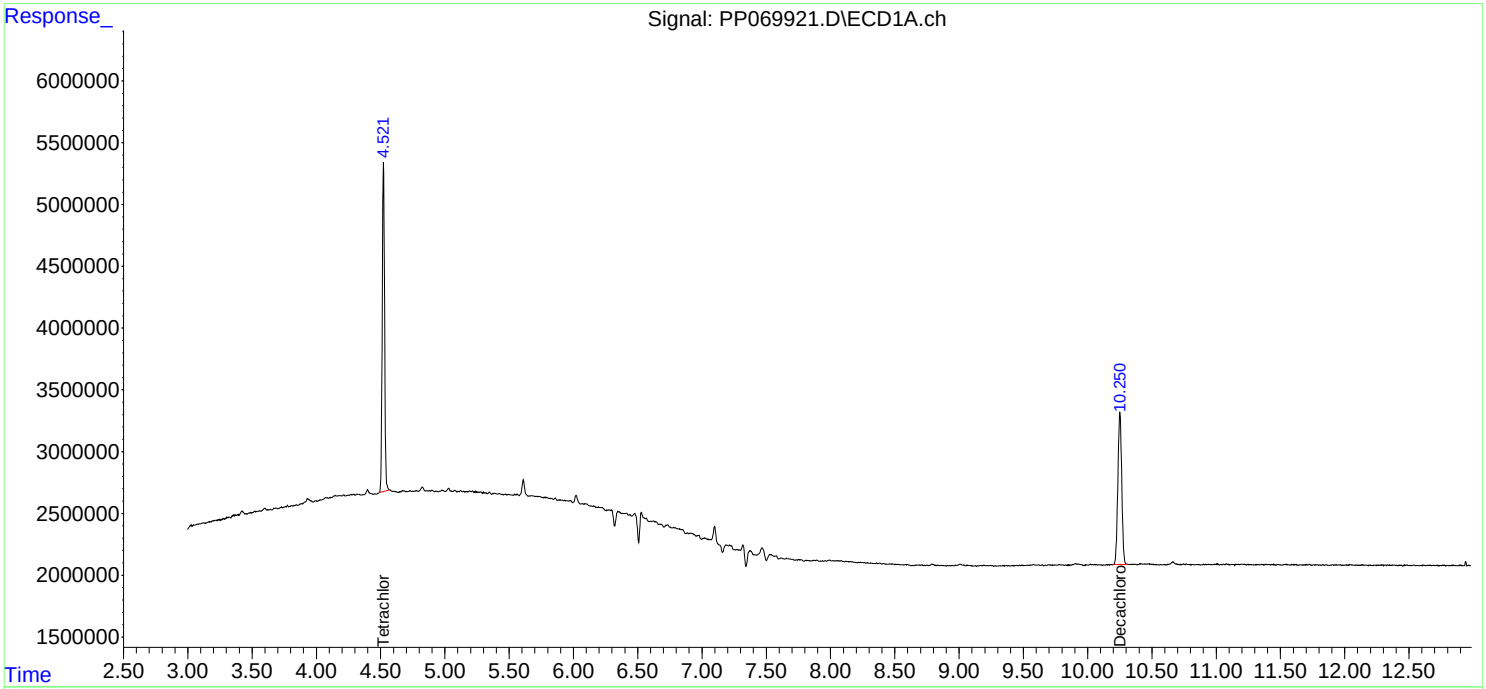
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

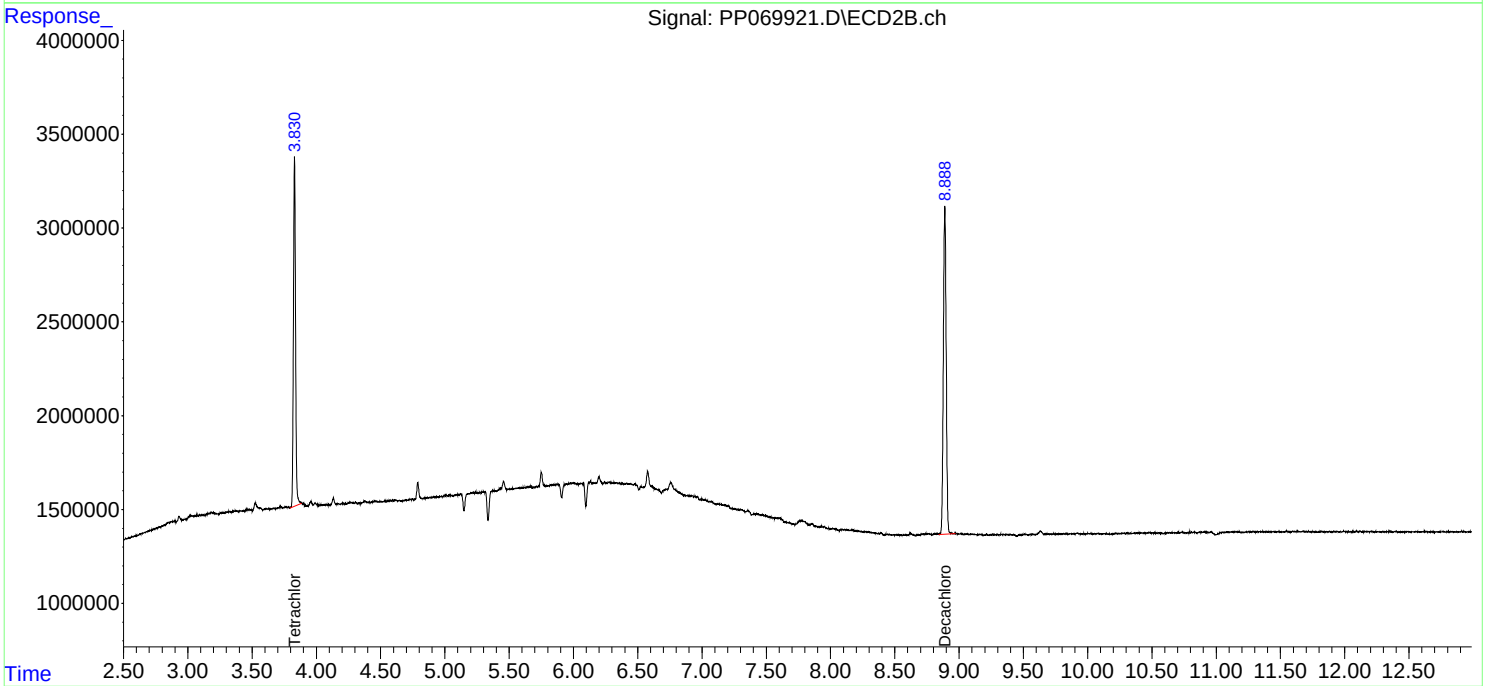
Instrument :
ECD_P
ClientSampleId :
I.BLK

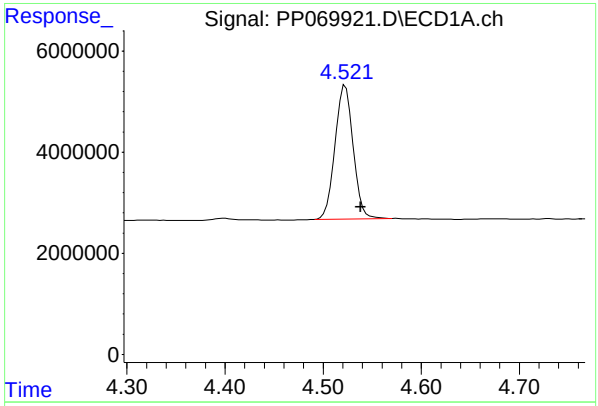
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:51:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







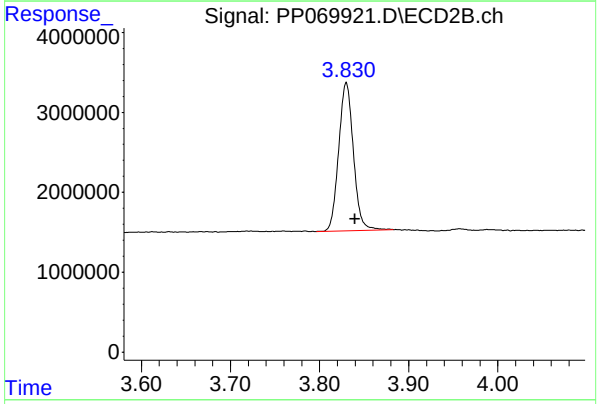
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 34011393
Conc: 23.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

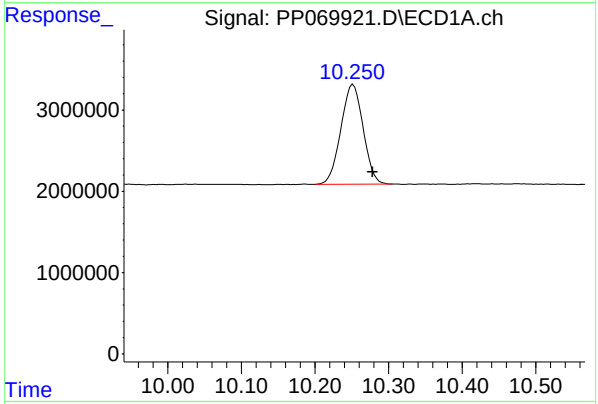
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



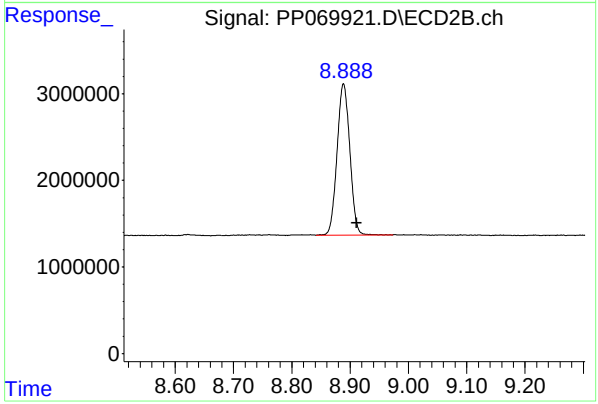
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21383745
Conc: 23.96 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 25815110
Conc: 23.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 26557637
Conc: 23.74 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/20/25
Project:	Raymark Superfund Site	Date Received:	02/20/25
Client Sample ID:	PIBLK-PP069936.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069936.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069936.D	1		02/20/25	PP022025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.2		60 - 140		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		60 - 140		116%	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\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	34997045	21586619	24.448	24.186m
2)	SA Decachlor...	10.253	8.887	26181347	25973403	23.956	23.222
	Target Compounds						

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

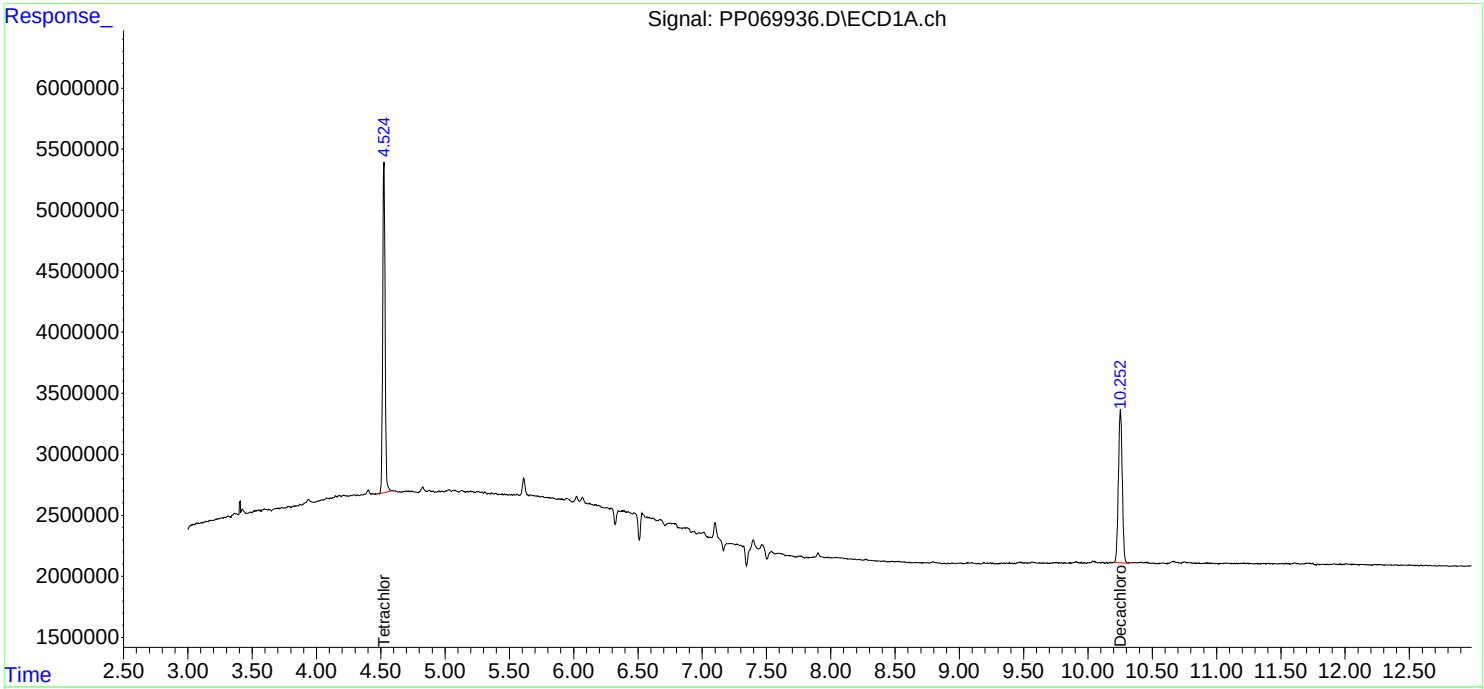
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

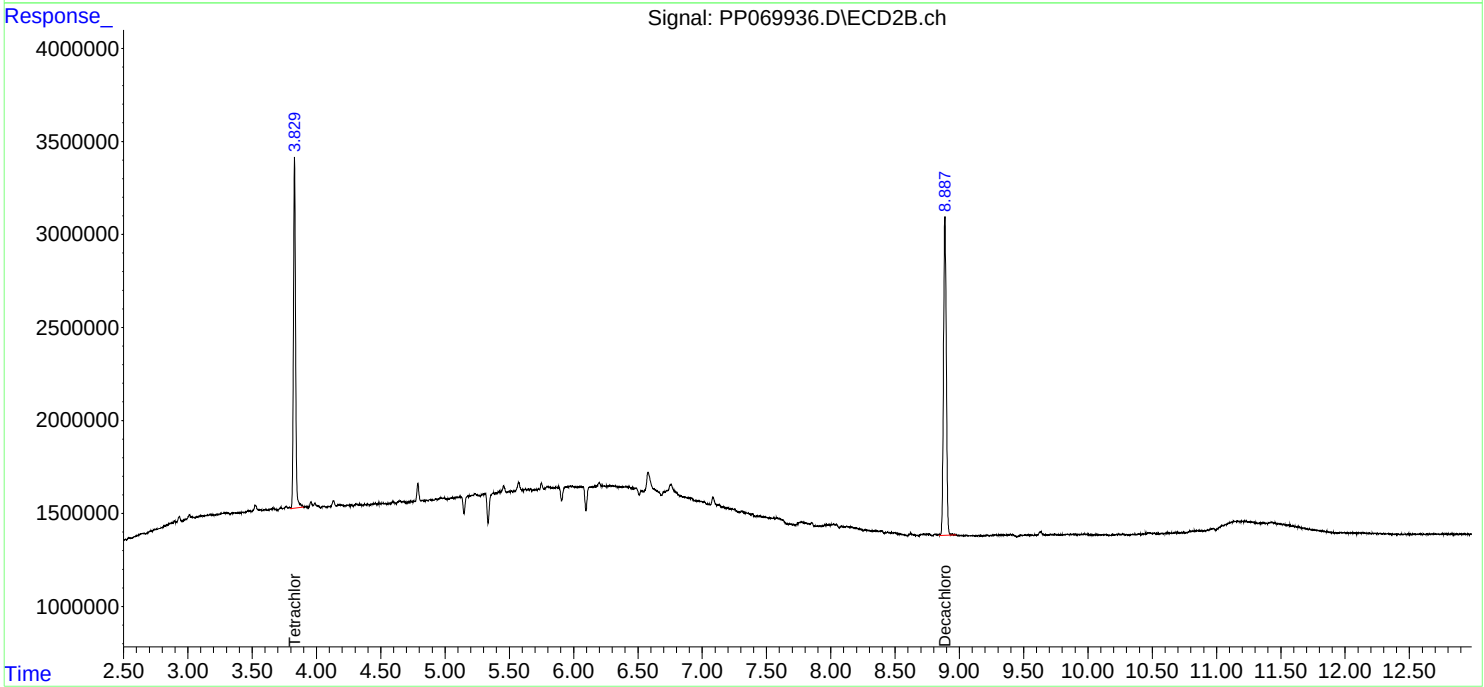
Instrument :
ECD_P
ClientSampleId :
I.BLK

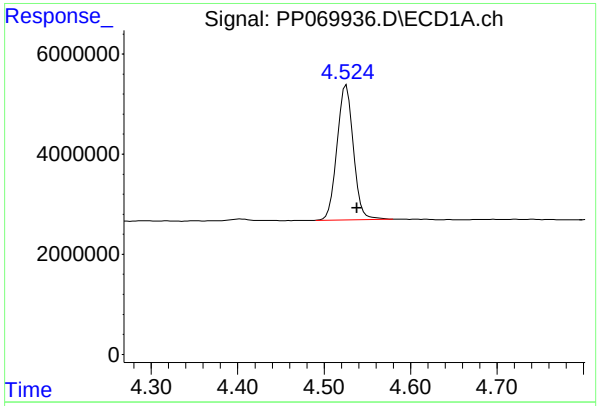
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







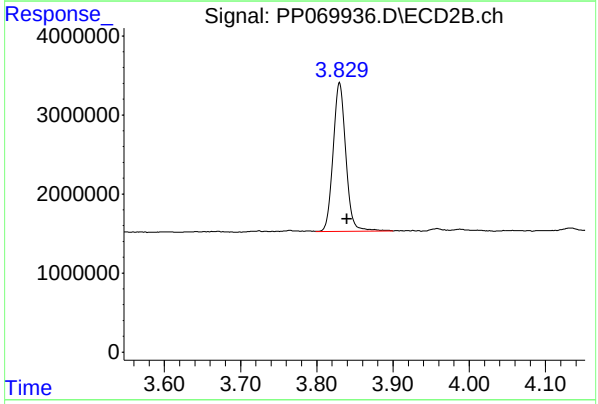
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 34997045
Conc: 24.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

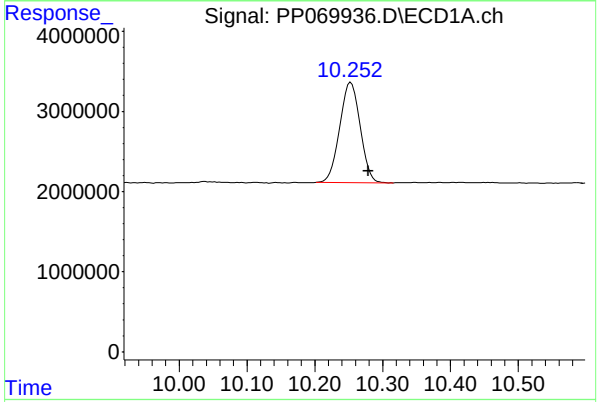
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



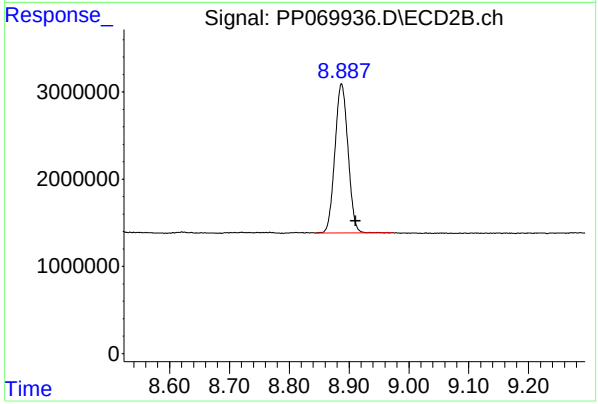
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21586619
Conc: 24.19 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 26181347
Conc: 23.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25973403
Conc: 23.22 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/21/25
Project:	Raymark Superfund Site	Date Received:	02/21/25
Client Sample ID:	PIBLK-PP069951.D	SDG No.:	Q1382
Lab Sample ID:	I.BLK-PP069951.D	Matrix:	WATER
Analytical Method:	SW8082A	% 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
PP069951.D	1		02/21/25	PP022025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	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	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.5		60 - 140		127%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		60 - 140		119%	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\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	36714114	22723891	25.648	25.460m
2)	SA Decachlor...	10.253	8.887	26925500	26589192	24.637	23.773
	Target Compounds						

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

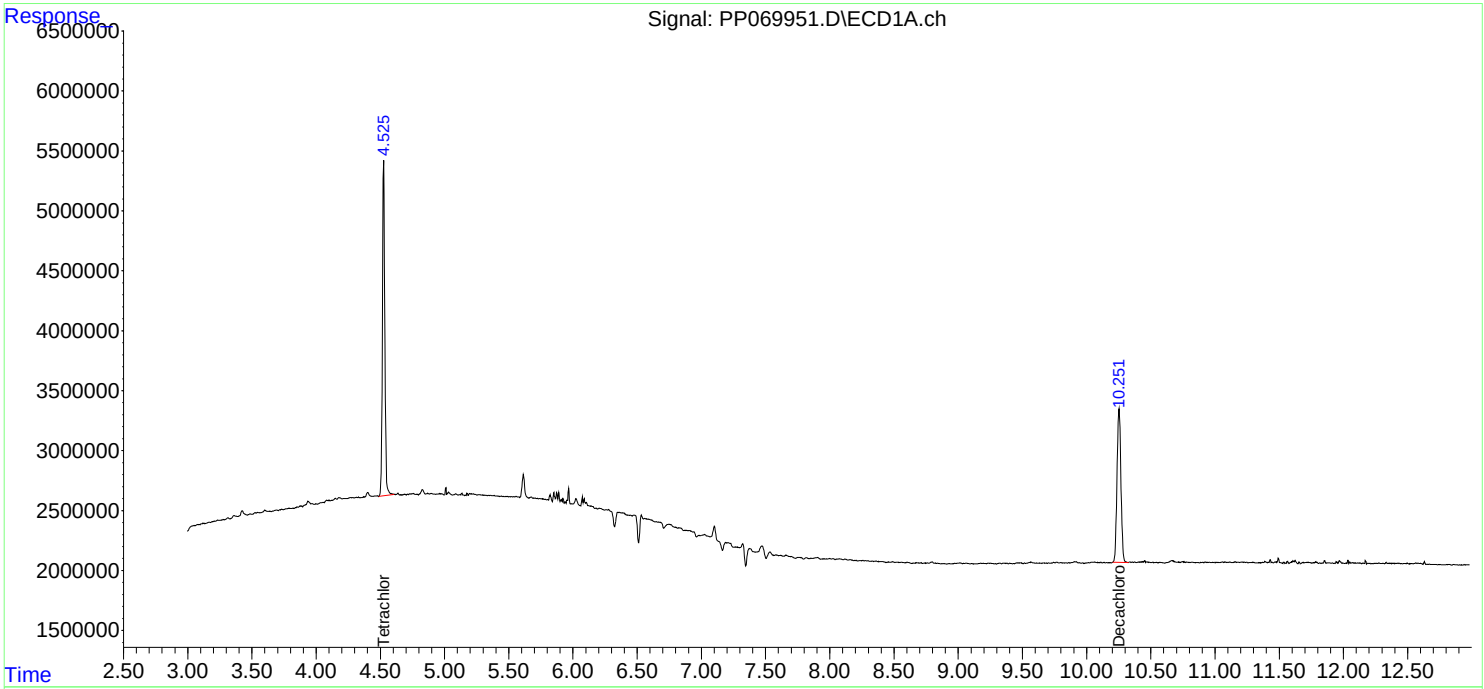
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

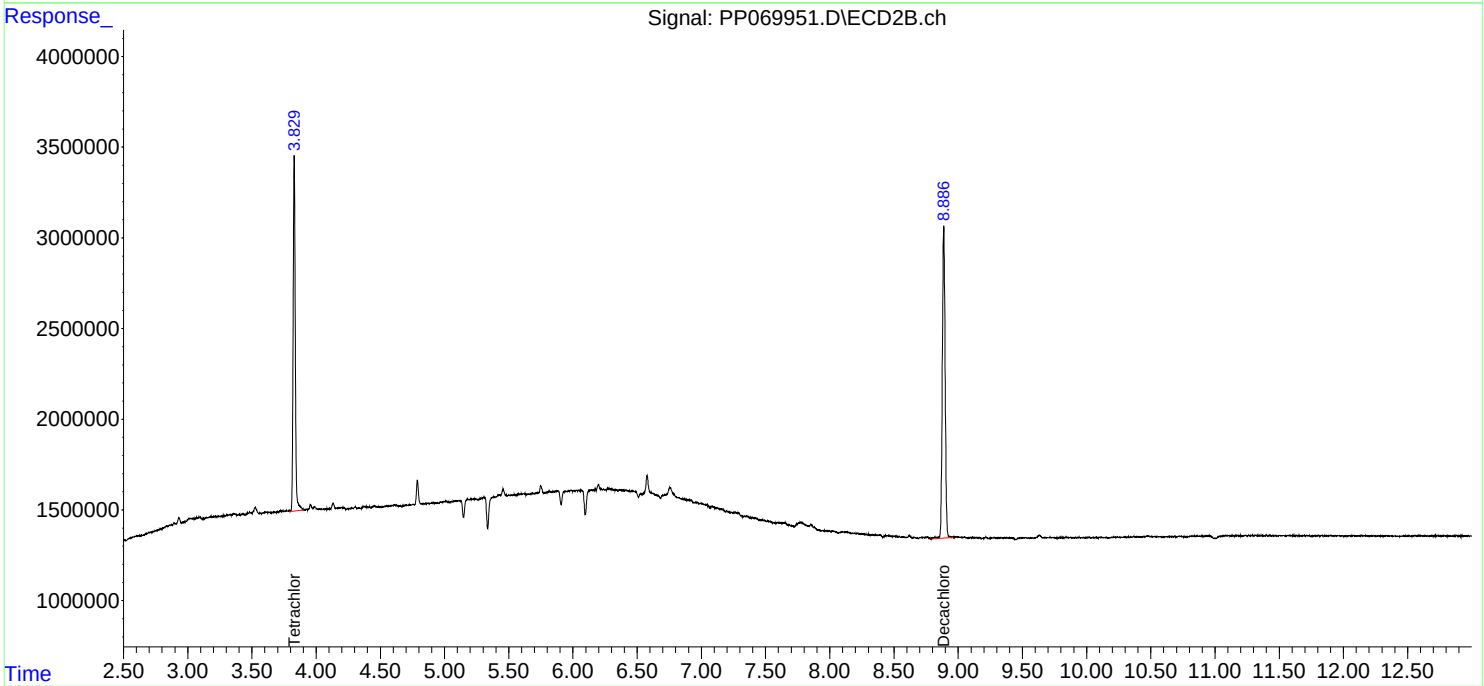
Instrument :
ECD_P
ClientSampleId :
I.BLK

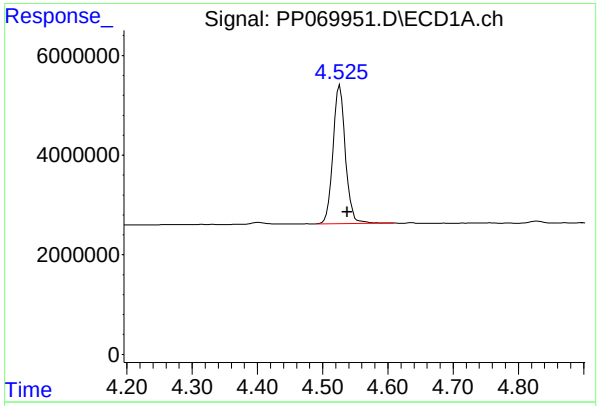
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







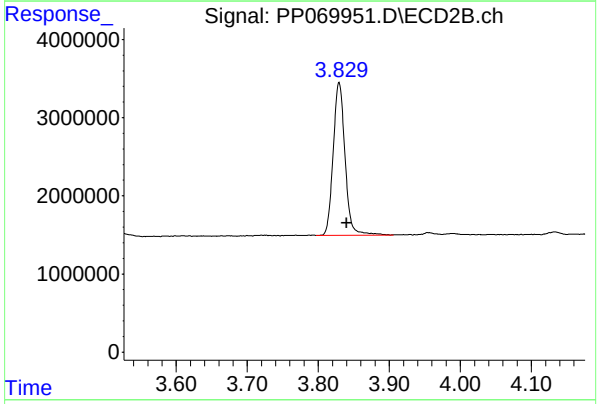
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 36714114
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

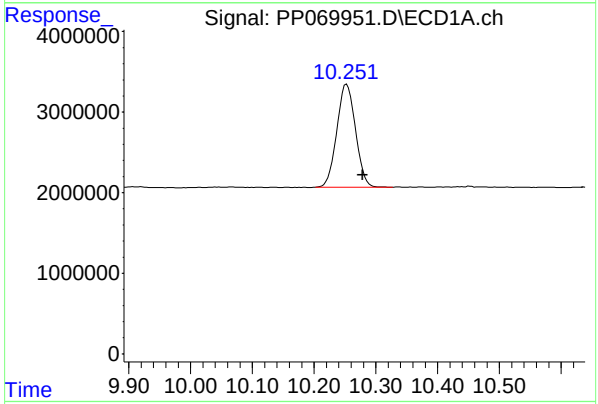
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



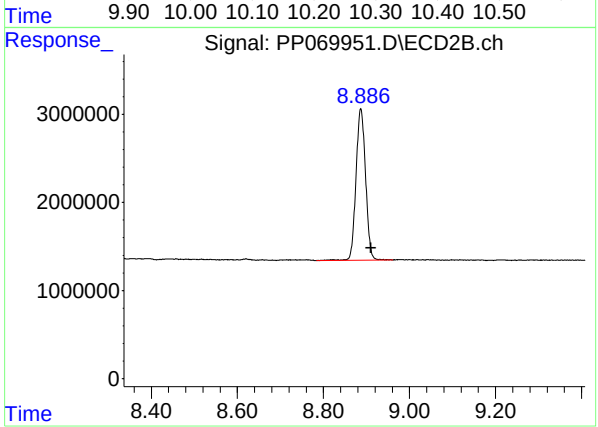
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22723891
Conc: 25.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 26925500
Conc: 24.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26589192
Conc: 23.77 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB166770BS	SDG No.:	Q1382
Lab Sample ID:	PB166770BS	Matrix:	SOIL
Analytical Method:	SW8082A	% 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
PP069838.D	1	02/19/25 08:10	02/19/25 13:16	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	153		3.40	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	6.40	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	13.0	U	3.40	13.0	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	3.40	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	7.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	13.0	U	2.70	13.0	17.0	ug/kg
37324-23-5	Aroclor-1262	8.30	U	4.60	8.30	17.0	ug/kg
11100-14-4	Aroclor-1268	13.0	U	3.40	13.0	17.0	ug/kg
11096-82-5	Aroclor-1260	159		2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.5		44 - 130		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.6		60 - 125		123%	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\PP021925\
Data File : PP069838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:16
Operator : YP\AJ
Sample : PB166770BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166770BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 14:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	36538657	21654068	25.525m	24.261m
2)	SA Decachlor...	10.251	8.888	25677157	27509576	23.495	24.595
	Target Compounds						
3)	L1 AR-1016-1	5.676	4.919	19834145	14602321	428.078m	447.718m
4)	L1 AR-1016-2	5.699	4.939	33255755	20501358	489.940	456.007
5)	L1 AR-1016-3	5.762	5.117	19910462	11676039	467.419	469.219
6)	L1 AR-1016-4	5.859	5.158	16712193	9177377	477.485	454.409
7)	L1 AR-1016-5	6.151	5.374	14346785	11875917	433.981m	442.736
31)	L7 AR-1260-1	7.271	6.412	26786127	24552088	458.382	509.068
32)	L7 AR-1260-2	7.525	6.599	34803565	31574098	447.272	515.044
33)	L7 AR-1260-3	7.884	6.753	24948350	27538132	399.051	457.775m
34)	L7 AR-1260-4	8.107	7.226	29032464	20621812	440.041m	443.788
35)	L7 AR-1260-5	8.429	7.467	53272391	51483230	406.890	463.207

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:16
Operator : YP\AJ
Sample : PB166770BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

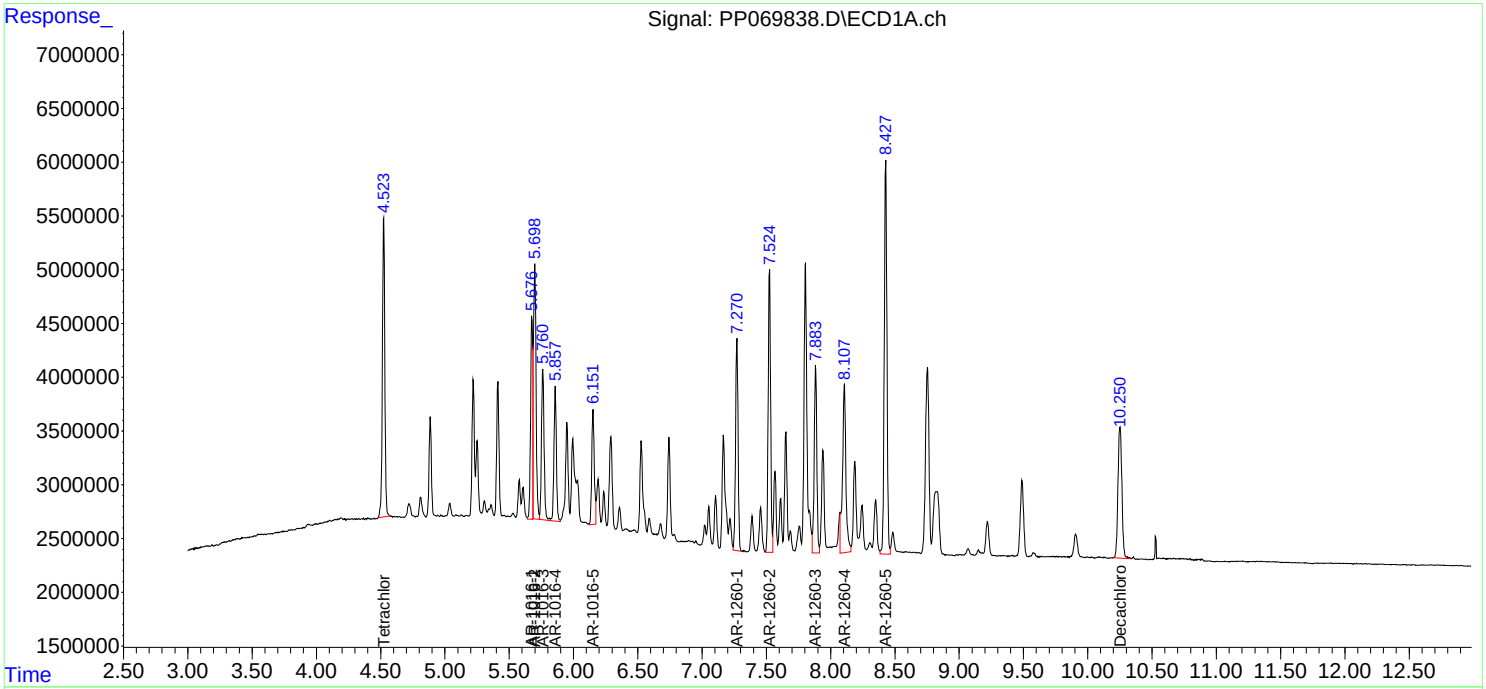
Instrument :
ECD_P
ClientSampleId :
PB166770BS

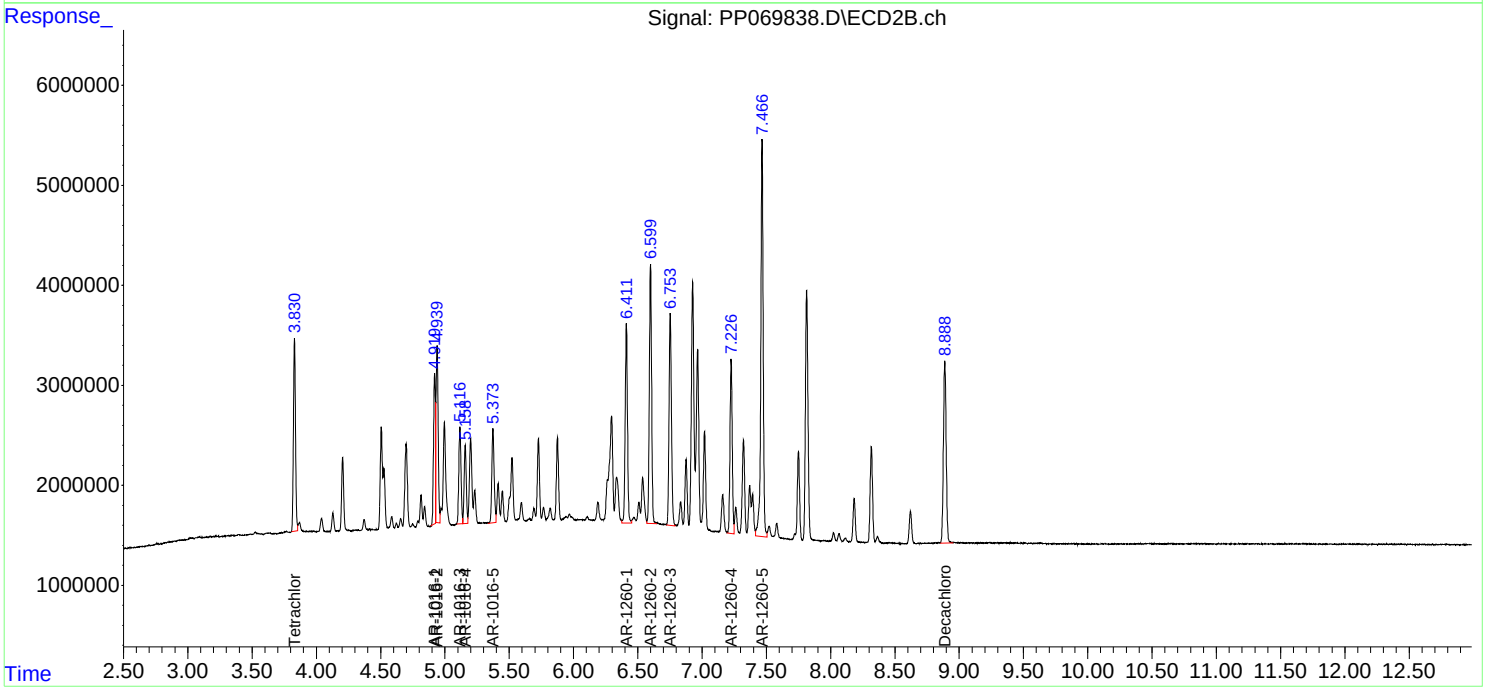
Manual Integrations APPROVED

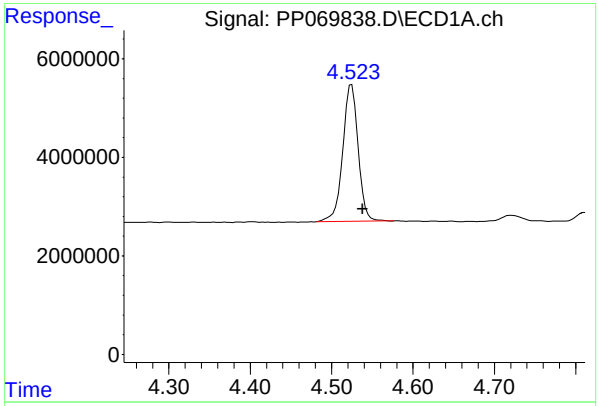
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 19 14:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







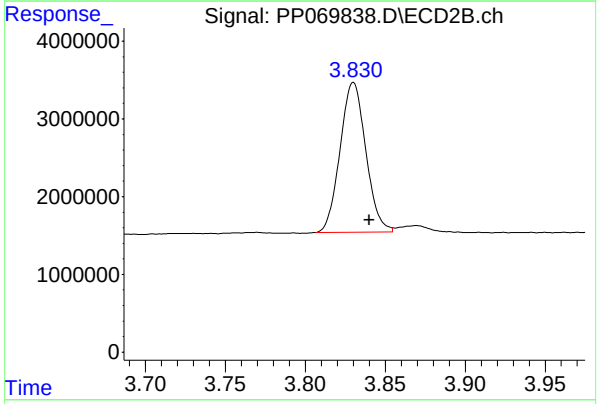
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36538657
Conc: 25.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS

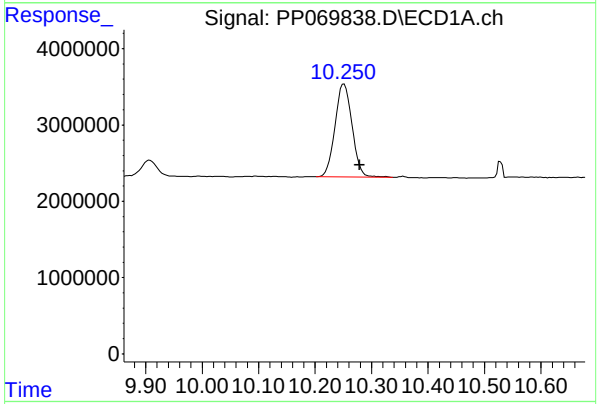
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



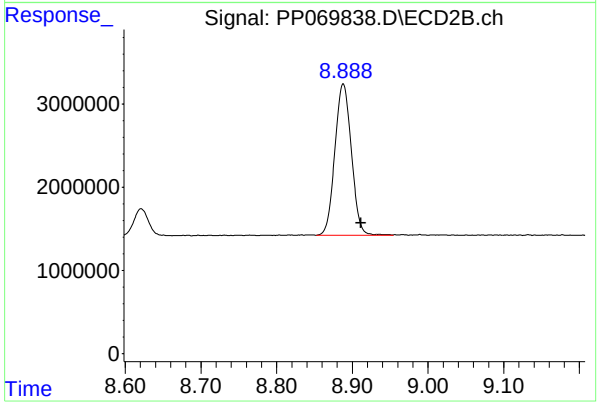
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21654068
Conc: 24.26 ng/ml m



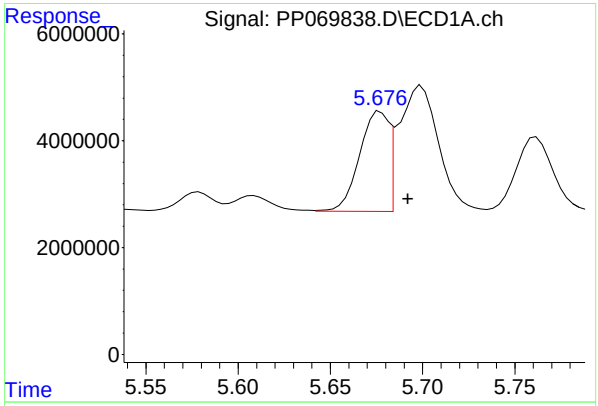
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 25677157
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 27509576
Conc: 24.60 ng/ml



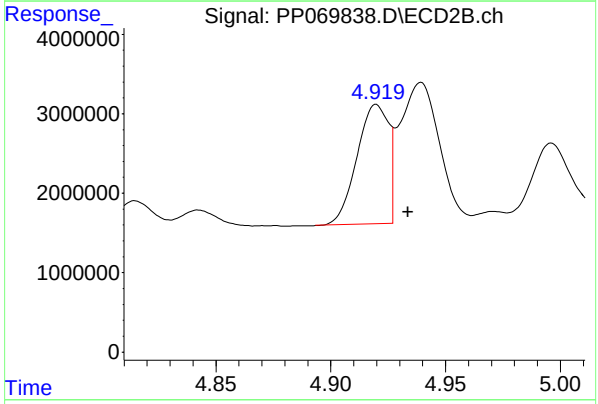
#3 AR-1016-1

R.T.: 5.676 min
Delta R.T.: -0.016 mi
Response: 19834145
Conc: 428.08 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166770BS

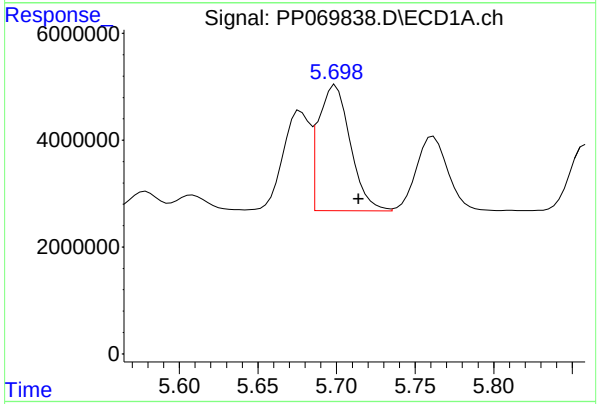
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



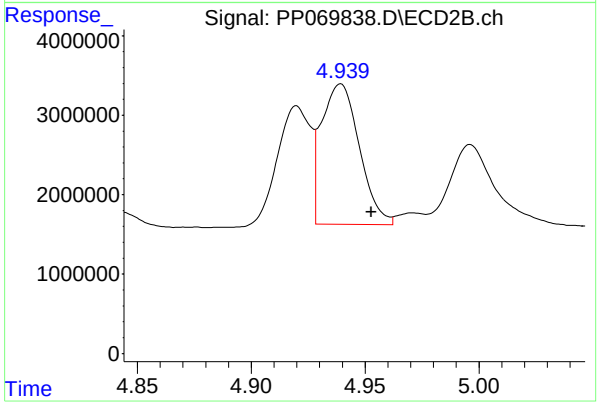
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.014 min
Response: 14602321
Conc: 447.72 ng/ml m



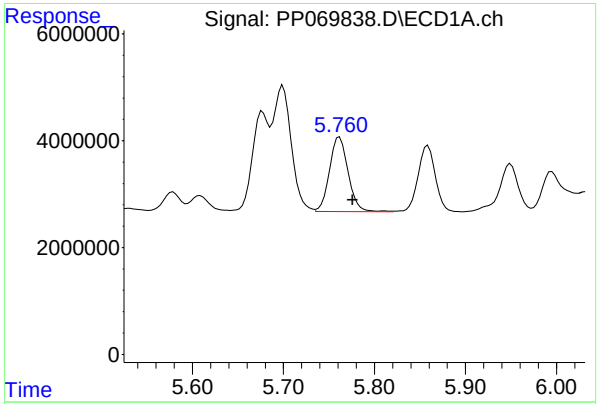
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 33255755
Conc: 489.94 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20501358
Conc: 456.01 ng/ml



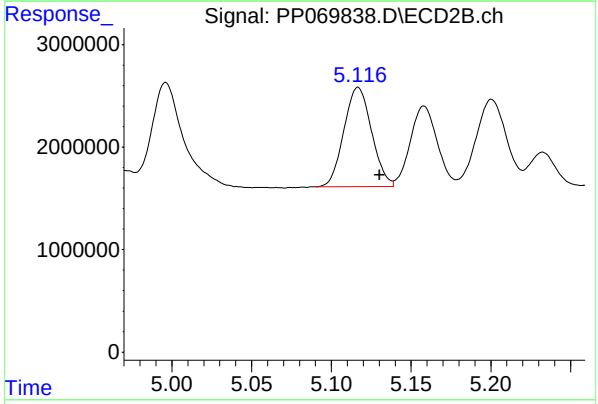
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: -0.014 mi
Response: 19910462
Conc: 467.42 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166770BS

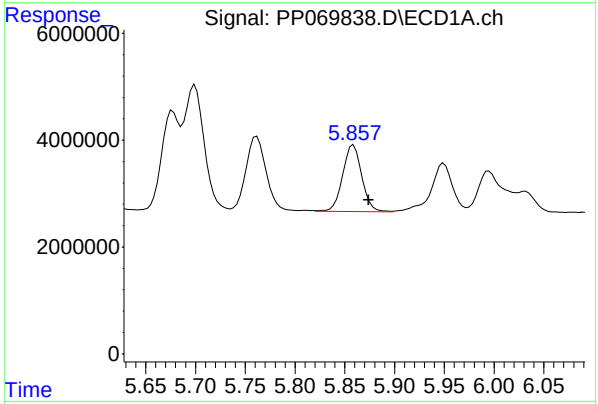
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



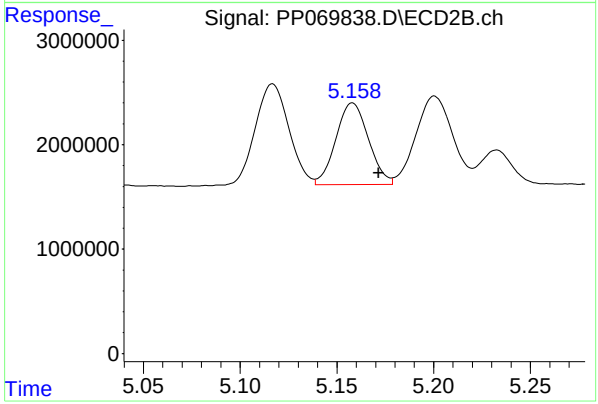
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 11676039
Conc: 469.22 ng/ml



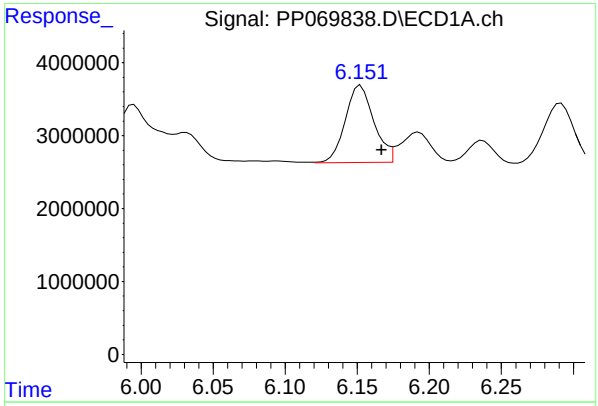
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 16712193
Conc: 477.48 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9177377
Conc: 454.41 ng/ml



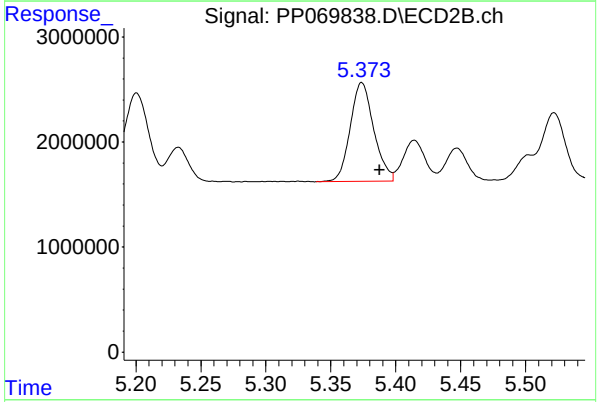
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 14346785
Conc: 433.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS

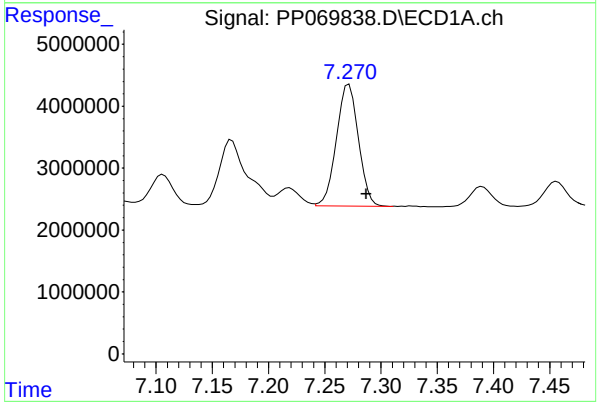
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



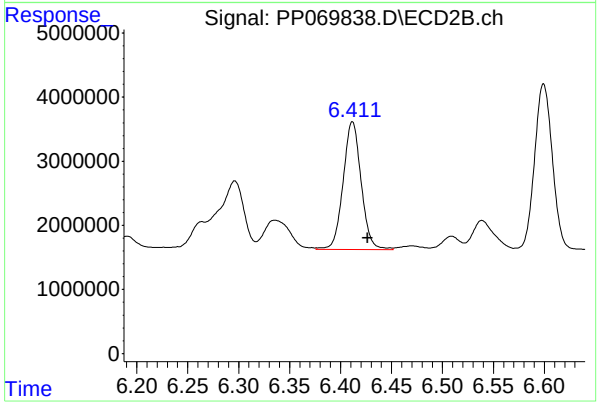
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11875917
Conc: 442.74 ng/ml



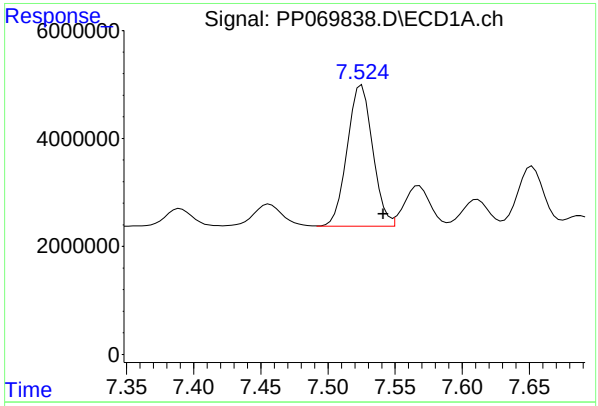
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 26786127
Conc: 458.38 ng/ml



#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 24552088
Conc: 509.07 ng/ml



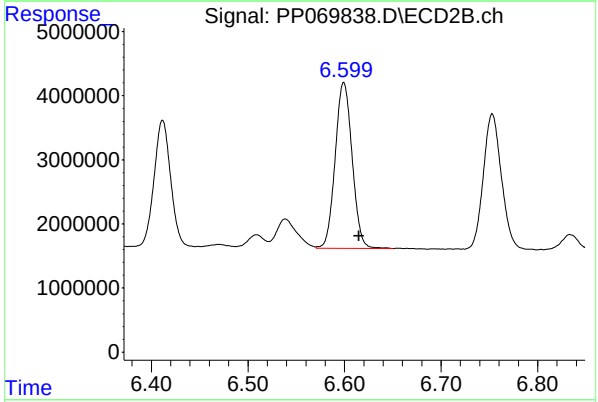
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 mi
Response: 34803565
Conc: 447.27 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166770BS

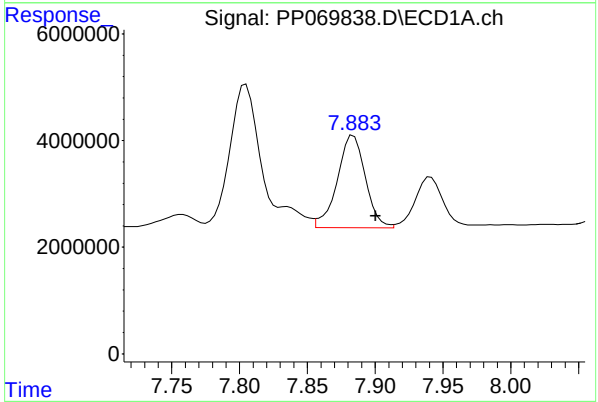
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



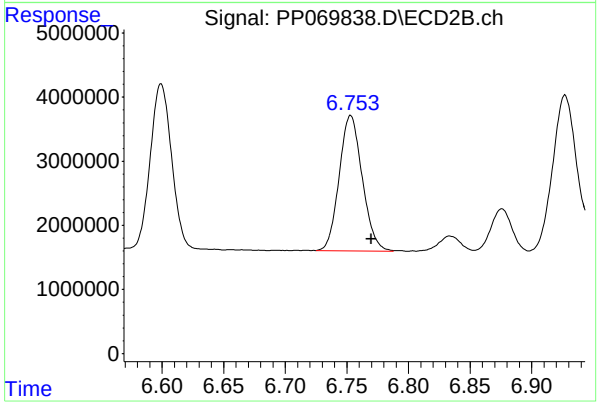
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 31574098
Conc: 515.04 ng/ml



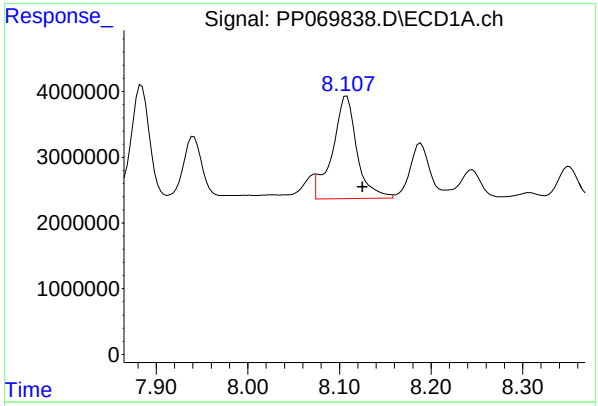
#33 AR-1260-3

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 24948350
Conc: 399.05 ng/ml



#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 27538132
Conc: 457.78 ng/ml m



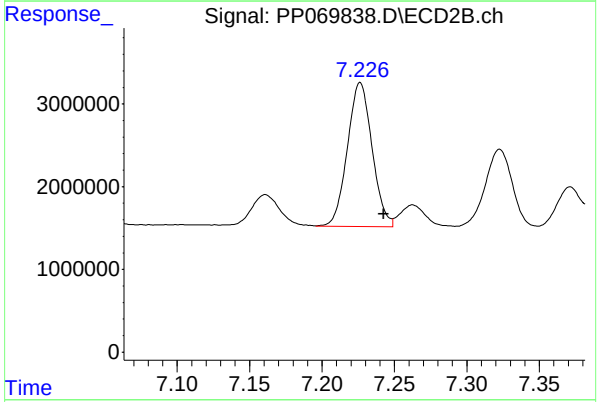
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: -0.019 min
Response: 29032464
Conc: 440.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS

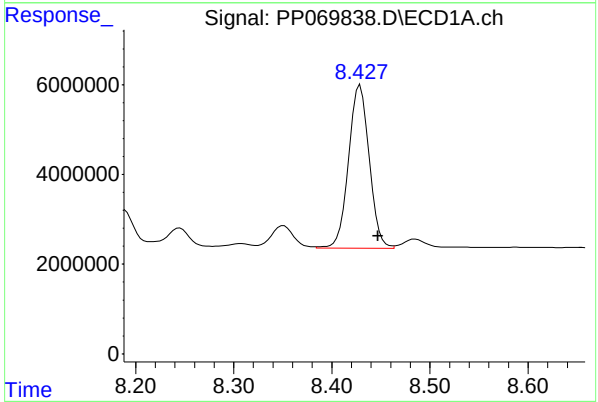
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



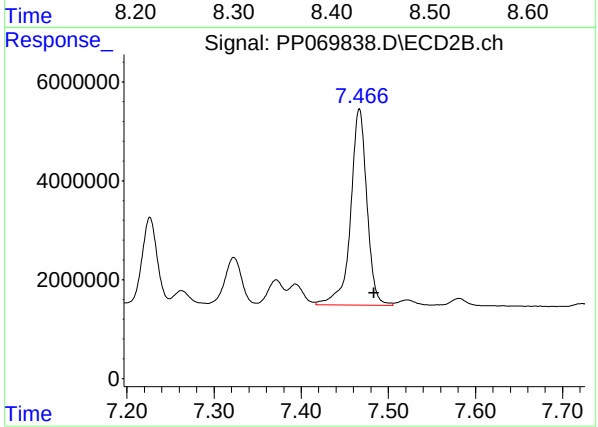
#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 20621812
Conc: 443.79 ng/ml



#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 53272391
Conc: 406.89 ng/ml



#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.017 min
Response: 51483230
Conc: 463.21 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725MS	SDG No.:	Q1382
Lab Sample ID:	Q1382-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9 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
PP069926.D	1	02/19/25 08:10	02/20/25 19:29	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	164		3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	81.4		3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	149		3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.5		44 - 130		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 125		103%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:29
Operator : YP\AJ
Sample : Q1382-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 13:36:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.829	33629889	20288718	23.493m	22.731m
2)	SA Decachlor...	10.253	8.888	21547045	23047245	19.716	20.606
	Target Compounds						
3)	L1 AR-1016-1	5.677	4.918	23217357	14786935	501.098m	453.378m
4)	L1 AR-1016-2	5.700	4.938	31031839	19428697	457.176	432.148m
5)	L1 AR-1016-3	5.762	5.115	18501299	10714317	434.337	430.571
6)	L1 AR-1016-4	5.859	5.157	16045459	8598289	458.436	425.736
7)	L1 AR-1016-5	6.151	5.373	13516005	10999445	408.851m	410.061
26)	L6 AR-1254-1	6.528	5.726	15292731	9532786	264.289	173.148 #
27)	L6 AR-1254-2	6.743	5.874	13545309	9349294	168.806	193.292
28)	L6 AR-1254-3	7.107	6.295	7175054	13176959	85.125	173.618m#
29)	L6 AR-1254-4	7.391	6.538	4665944	5848522	68.428	114.118 #
30)	L6 AR-1254-5	7.805	6.926	36478796	28516446	536.089	428.429
31)	L7 AR-1260-1	7.272	6.410	24628615	21297328	421.461	441.583
32)	L7 AR-1260-2	7.526	6.598	32176412	27340226	413.510	445.980
33)	L7 AR-1260-3	7.885	6.752	21891119	23647764	350.150	393.105m
34)	L7 AR-1260-4	8.107	7.225	24930859	17720548	377.873m	381.352
35)	L7 AR-1260-5	8.429	7.466	47460590	43506199	362.500	391.436

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:29
Operator : YP\AJ
Sample : Q1382-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

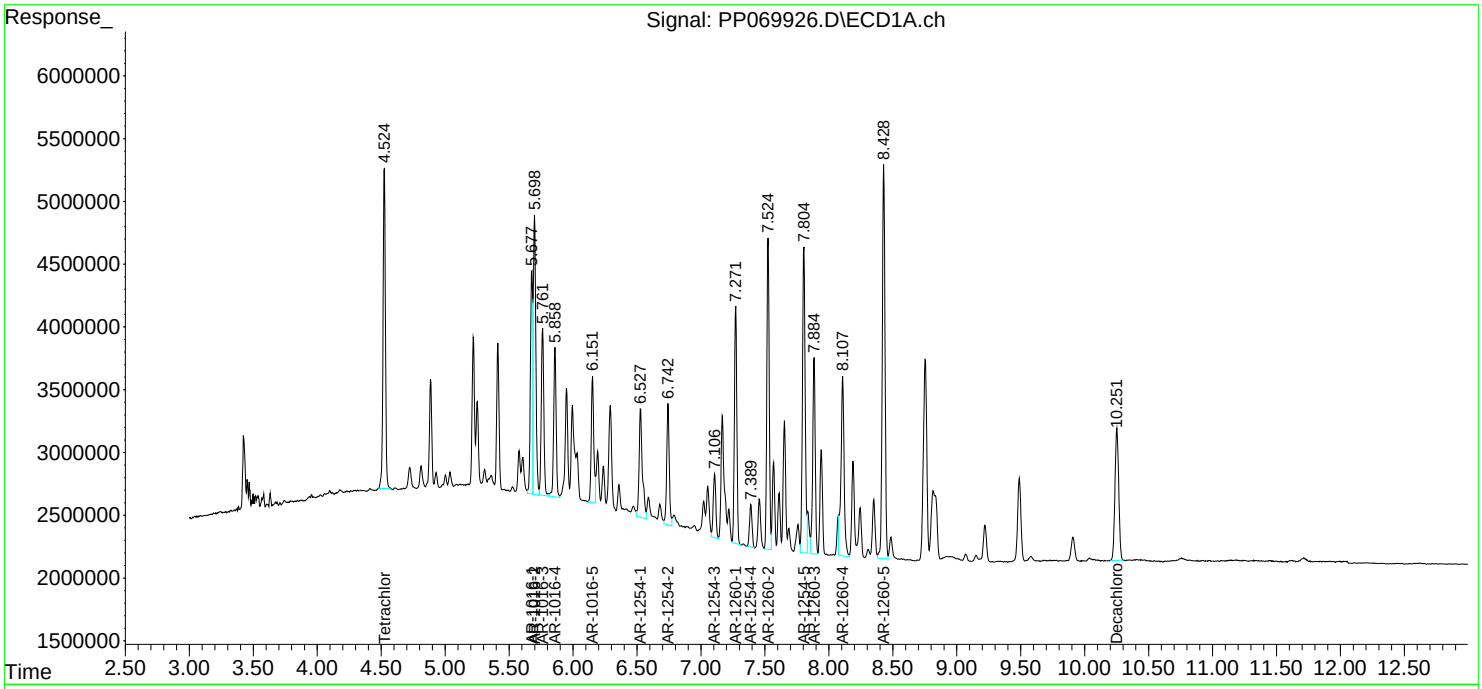
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

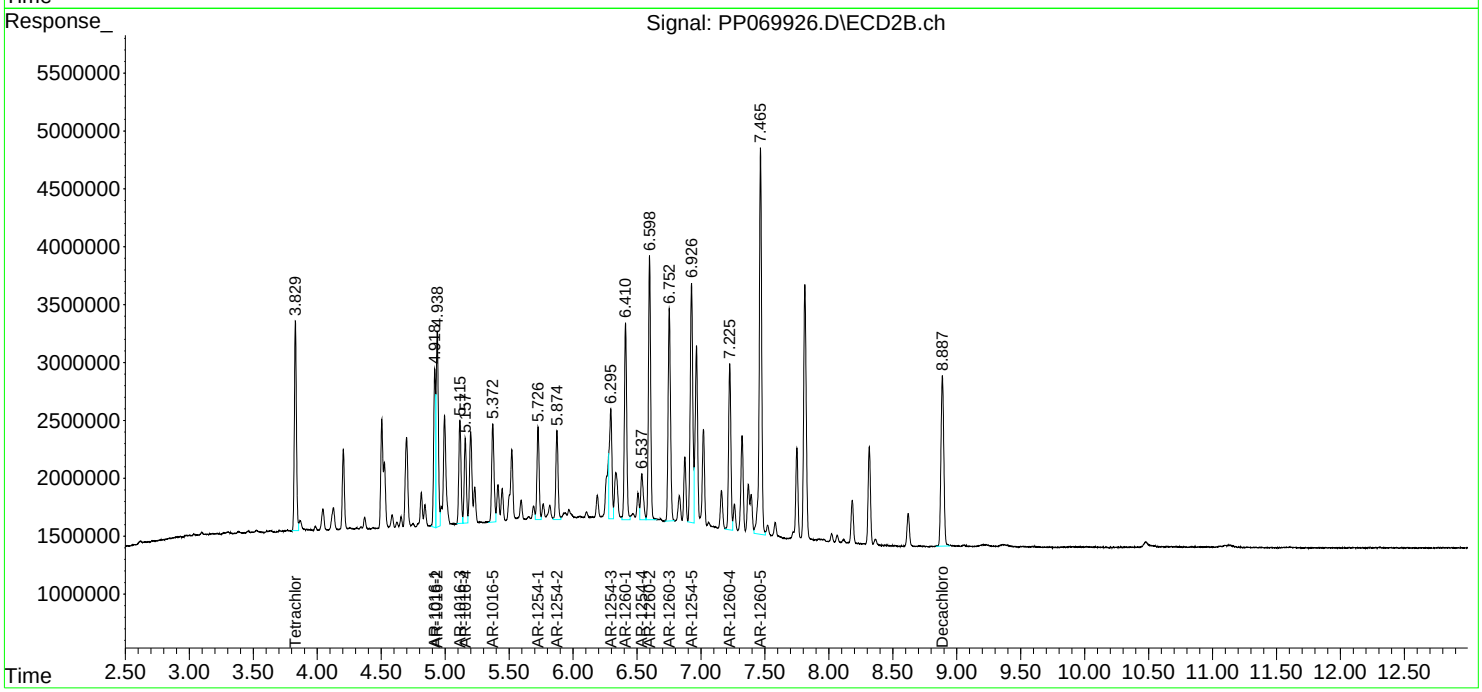
Manual Integrations APPROVED

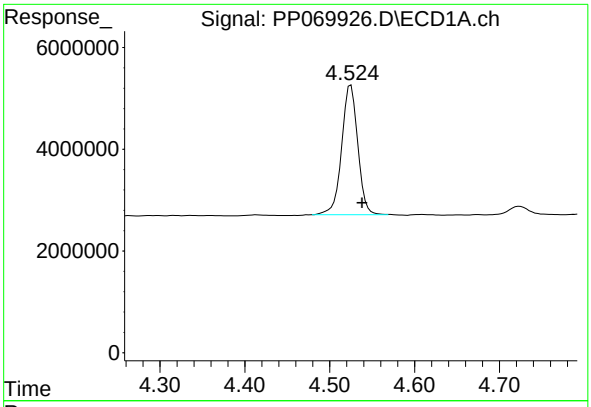
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 13:36:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







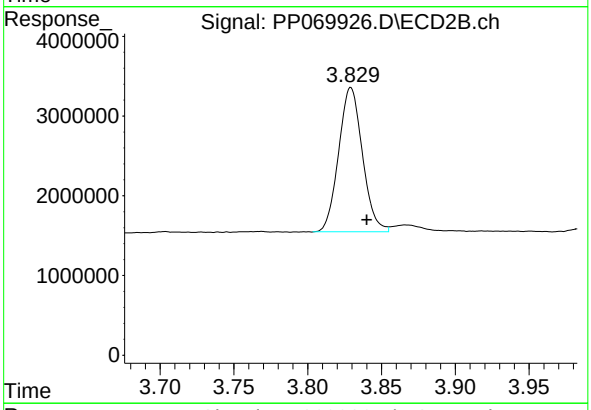
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 33629889
Conc: 23.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

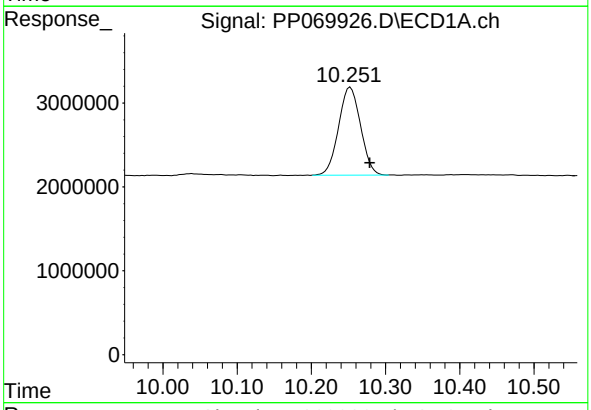
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



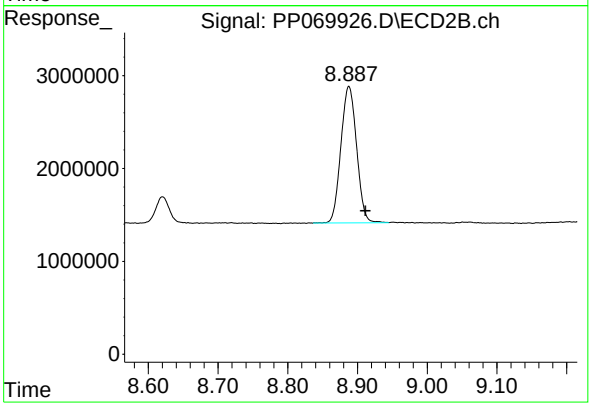
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20288718
Conc: 22.73 ng/ml m



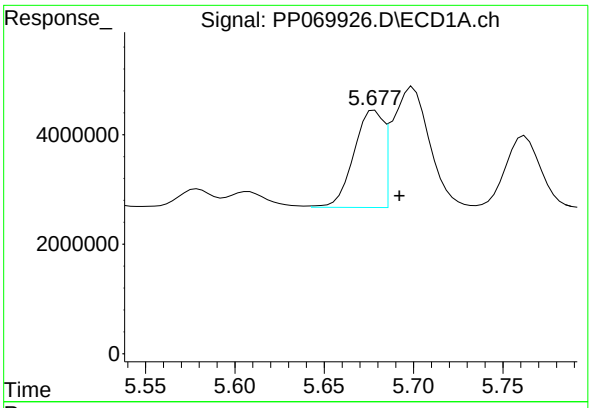
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 21547045
Conc: 19.72 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 23047245
Conc: 20.61 ng/ml



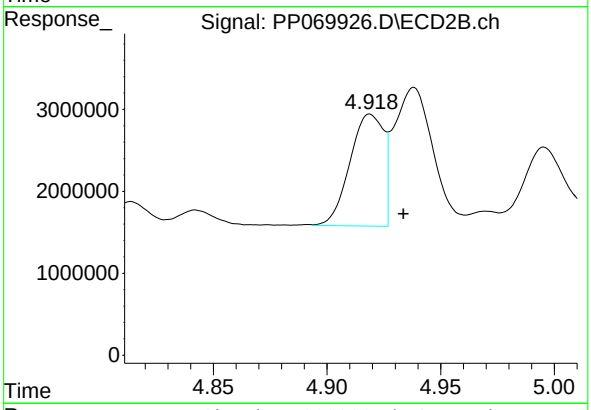
#3 AR-1016-1

R.T.: 5.677 min
Delta R.T.: -0.015 min
Response: 23217357
Conc: 501.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

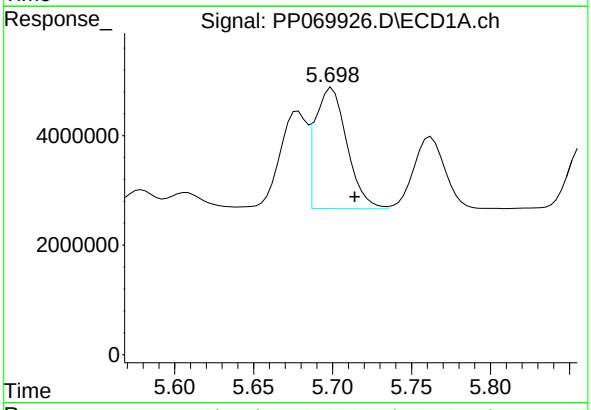
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



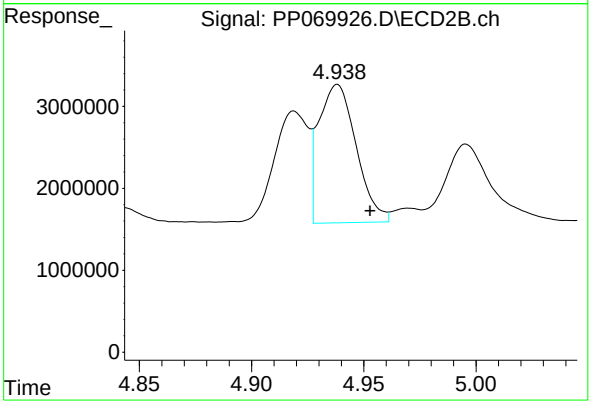
#3 AR-1016-1

R.T.: 4.918 min
Delta R.T.: -0.015 min
Response: 14786935
Conc: 453.38 ng/ml m



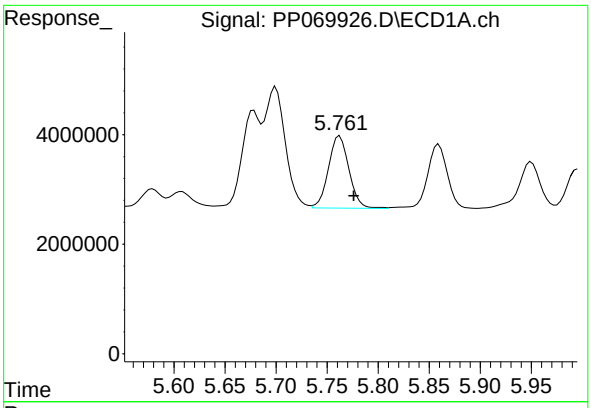
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 31031839
Conc: 457.18 ng/ml



#4 AR-1016-2

R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 19428697
Conc: 432.15 ng/ml m



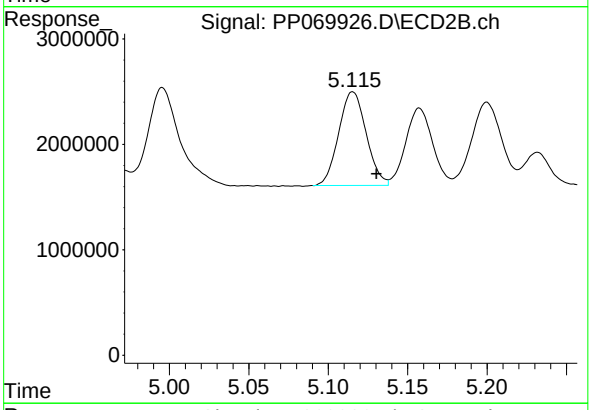
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 18501299
Conc: 434.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

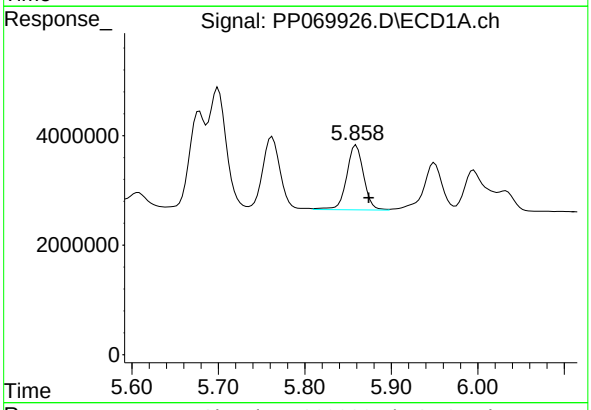
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



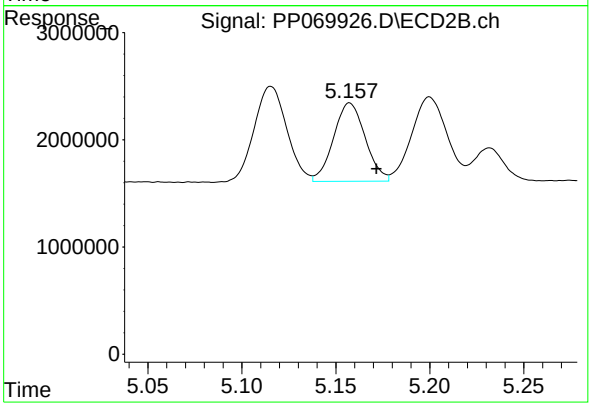
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 10714317
Conc: 430.57 ng/ml



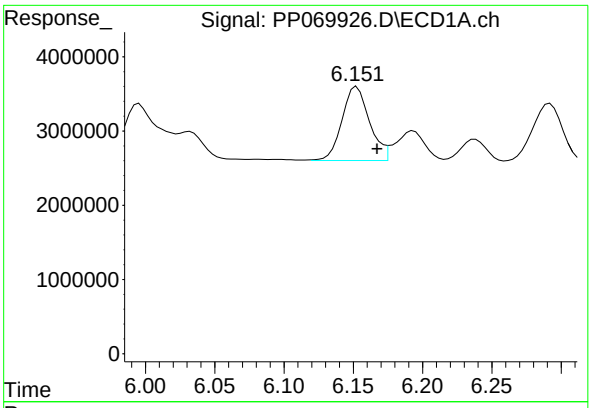
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 16045459
Conc: 458.44 ng/ml



#6 AR-1016-4

R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 8598289
Conc: 425.74 ng/ml



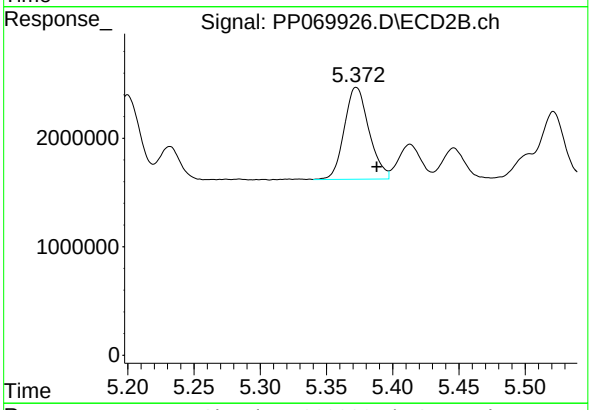
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 13516005
Conc: 408.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

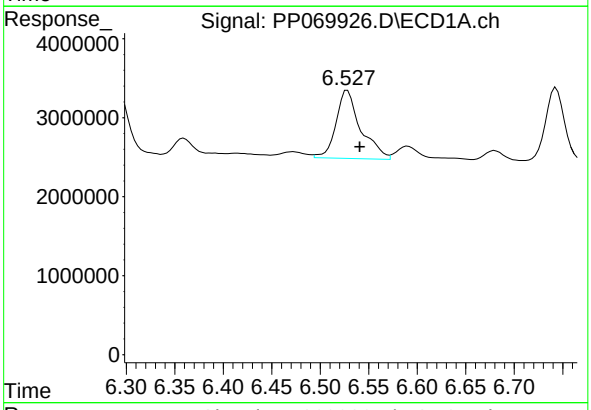
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



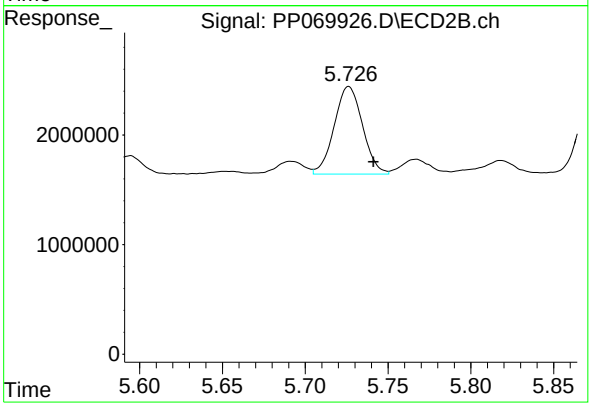
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 10999445
Conc: 410.06 ng/ml



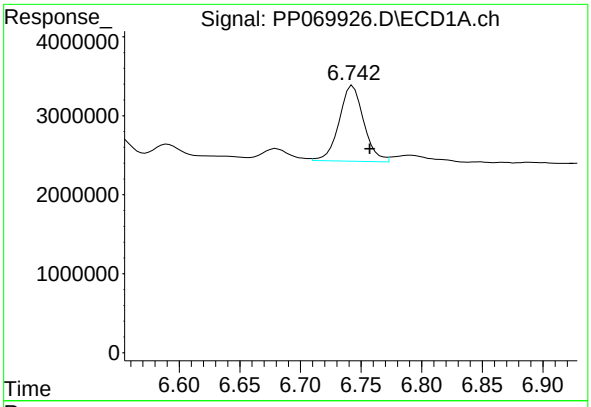
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.013 min
Response: 15292731
Conc: 264.29 ng/ml



#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 9532786
Conc: 173.15 ng/ml



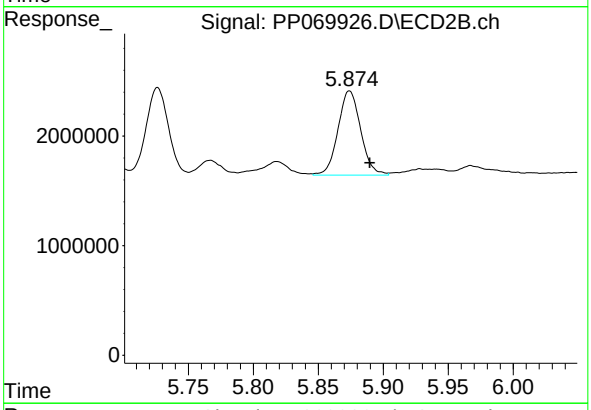
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 13545309
Conc: 168.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

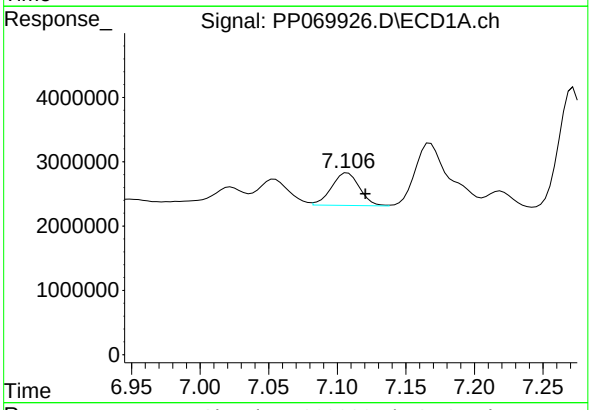
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



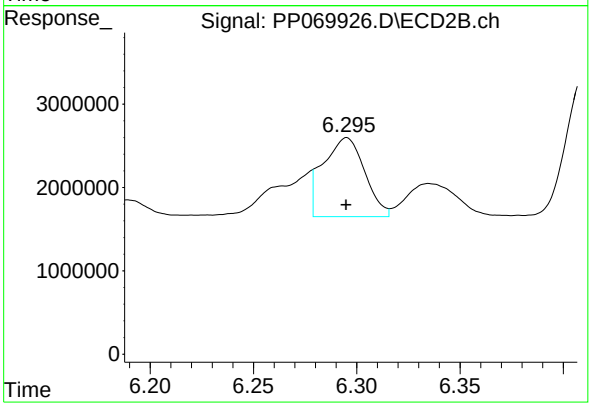
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 9349294
Conc: 193.29 ng/ml



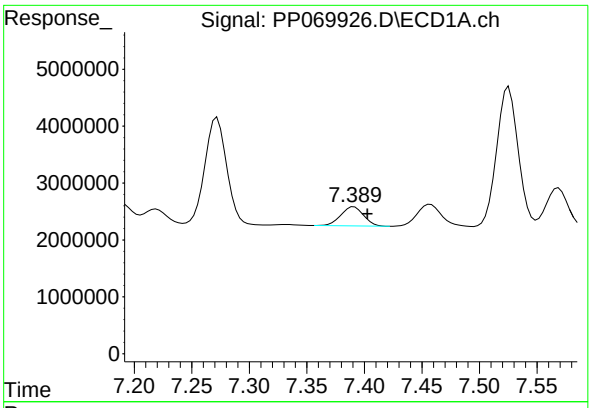
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.013 min
Response: 7175054
Conc: 85.13 ng/ml



#28 AR-1254-3

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 13176959
Conc: 173.62 ng/ml m



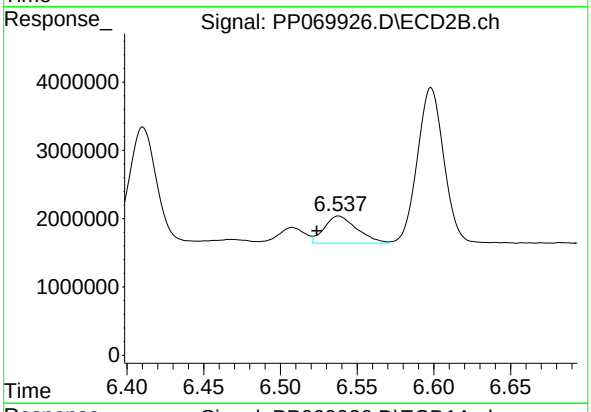
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 4665944
Conc: 68.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

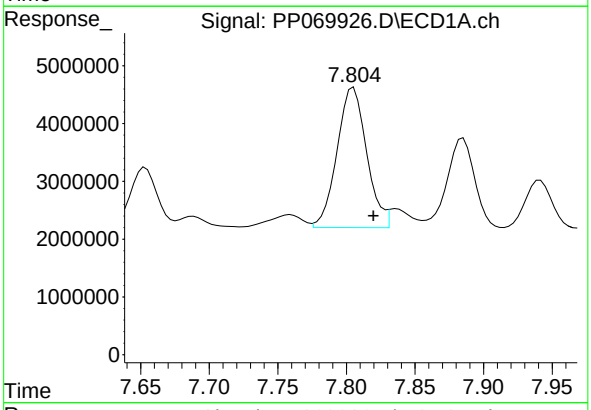
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



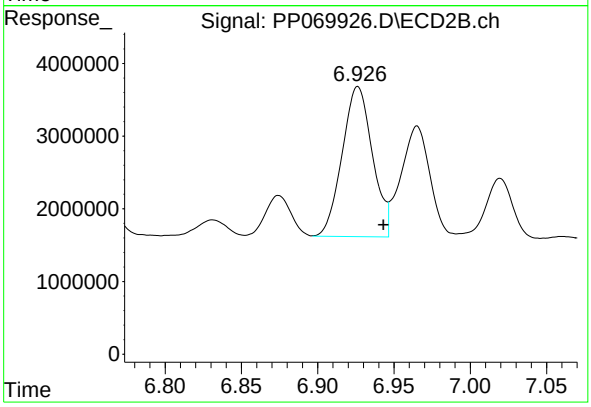
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.014 min
Response: 5848522
Conc: 114.12 ng/ml



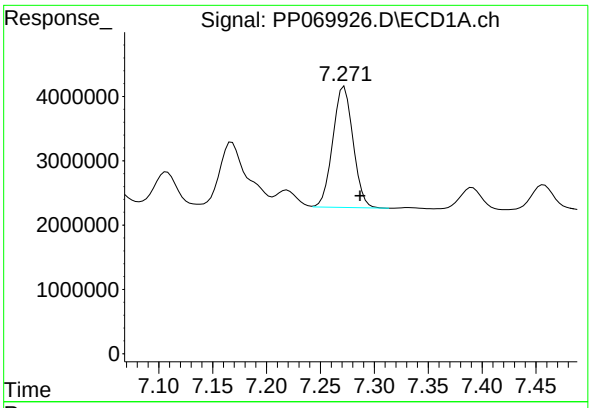
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.014 min
Response: 36478796
Conc: 536.09 ng/ml



#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 28516446
Conc: 428.43 ng/ml



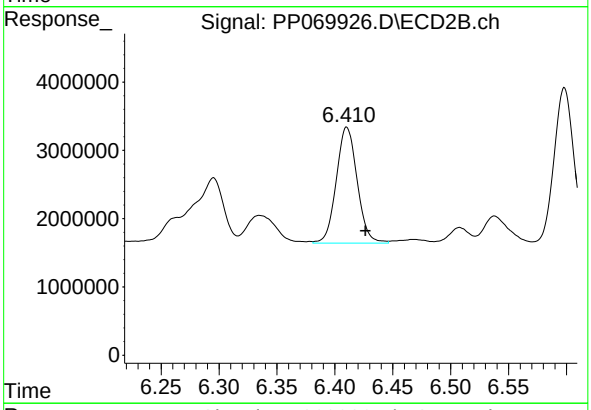
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 24628615
Conc: 421.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

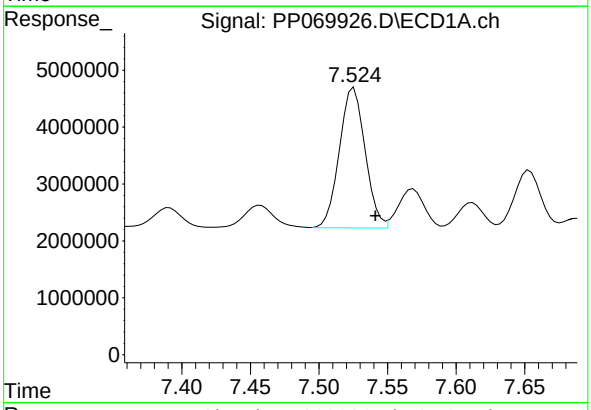
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



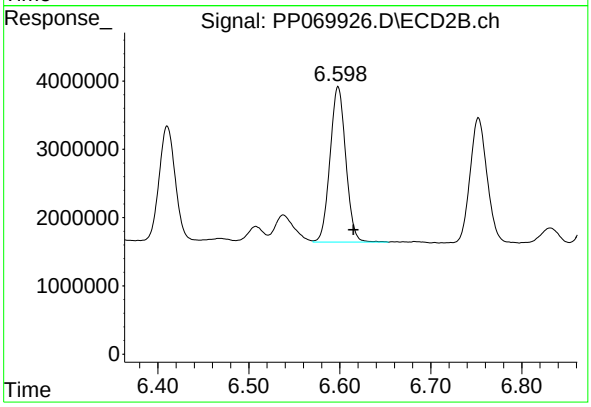
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 21297328
Conc: 441.58 ng/ml



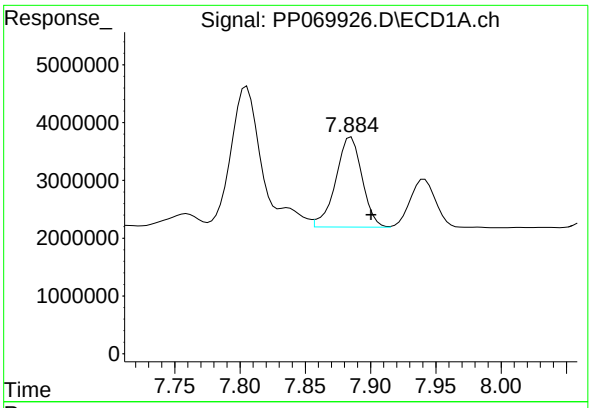
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.016 min
Response: 32176412
Conc: 413.51 ng/ml



#32 AR-1260-2

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 27340226
Conc: 445.98 ng/ml



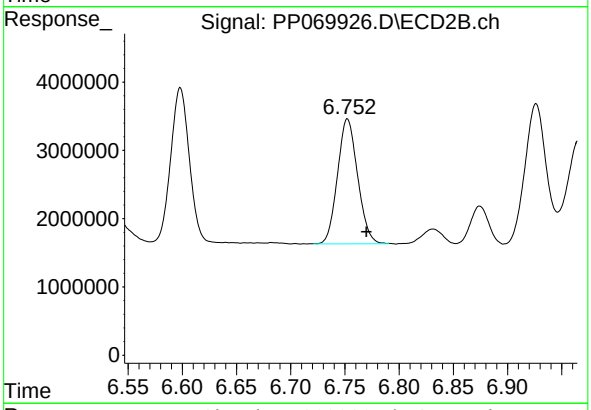
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 21891119
Conc: 350.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

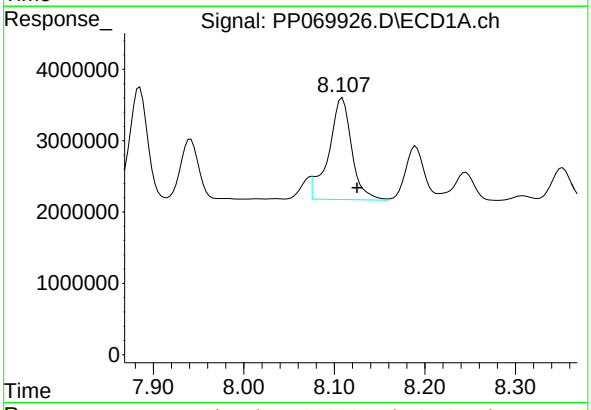
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



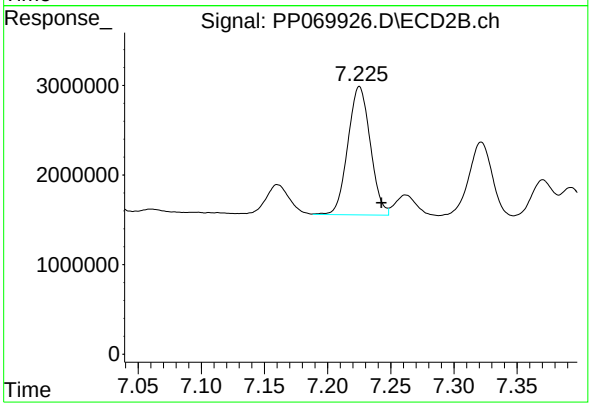
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 23647764
Conc: 393.10 ng/ml m



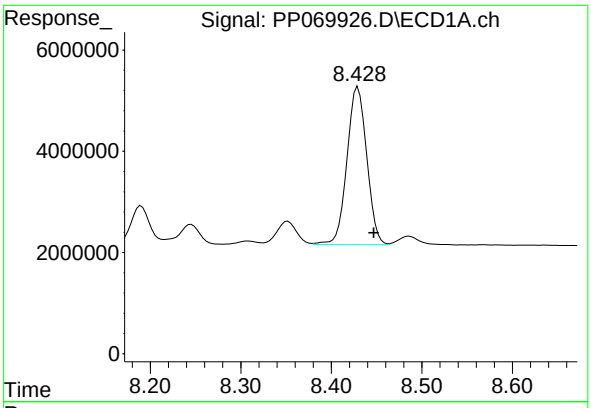
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: -0.018 min
Response: 24930859
Conc: 377.87 ng/ml m



#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.017 min
Response: 17720548
Conc: 381.35 ng/ml



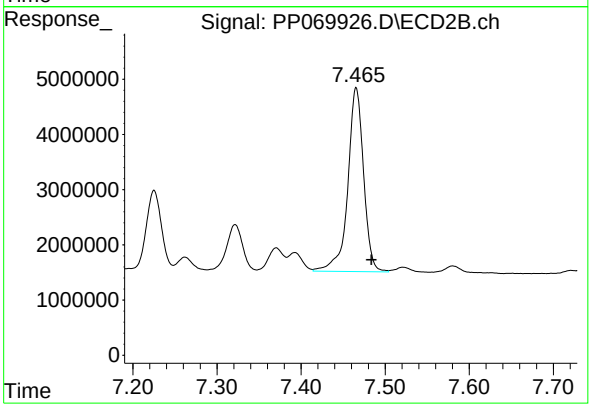
#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 47460590
Conc: 362.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 43506199
Conc: 391.44 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-01-021725MSD	SDG No.:	Q1382
Lab Sample ID:	Q1382-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9 Decanted:
Sample Wt/Vol:	30.06 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
PP069927.D	1	02/19/25 08:10	02/20/25 19:46	PB166770

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	174		3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	78.1		3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	149		3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.4		44 - 130		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		60 - 125		101%	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\PP022025\
Data File : PP069927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:46
Operator : YP\AJ
Sample : Q1382-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 13:38:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.830	34924768	20845328	24.398m	23.355m
2)	SA Decachlor...	10.251	8.889	21981994	22476473	20.113	20.095
	Target Compounds						
3)	L1 AR-1016-1	5.675	4.920	25694394	14110000	554.559m	432.623m
4)	L1 AR-1016-2	5.698	4.938	31864648	19566950	469.446	435.223m
5)	L1 AR-1016-3	5.761	5.116	19321920	10932269	453.602	439.330
6)	L1 AR-1016-4	5.858	5.158	17118159	8812914	489.084	436.363
7)	L1 AR-1016-5	6.150	5.373	14315948	11187609	433.048m	417.076
26)	L6 AR-1254-1	6.525	5.727	12253522	9600001	211.765m	174.369
27)	L6 AR-1254-2	6.742	5.875	12975448	9703511	161.704	200.615
28)	L6 AR-1254-3	7.106	6.296	7428042	13141341	88.126	173.149m#
29)	L6 AR-1254-4	7.389	6.509	5109038	2812878	74.926	54.886 #
30)	L6 AR-1254-5	7.803	6.927	36927611	28699914	542.685m	431.186
31)	L7 AR-1260-1	7.271	6.412	26227603	21834754	448.824	452.726
32)	L7 AR-1260-2	7.524	6.599	32832842	26848926	421.946	437.966
33)	L7 AR-1260-3	7.883	6.753	22173479	23796308	354.666	395.574m
34)	L7 AR-1260-4	8.106	7.227	24878430	17612644	377.079m	379.030
35)	L7 AR-1260-5	8.428	7.467	48329219	44103270	369.134	396.808

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:46
Operator : YP\AJ
Sample : Q1382-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

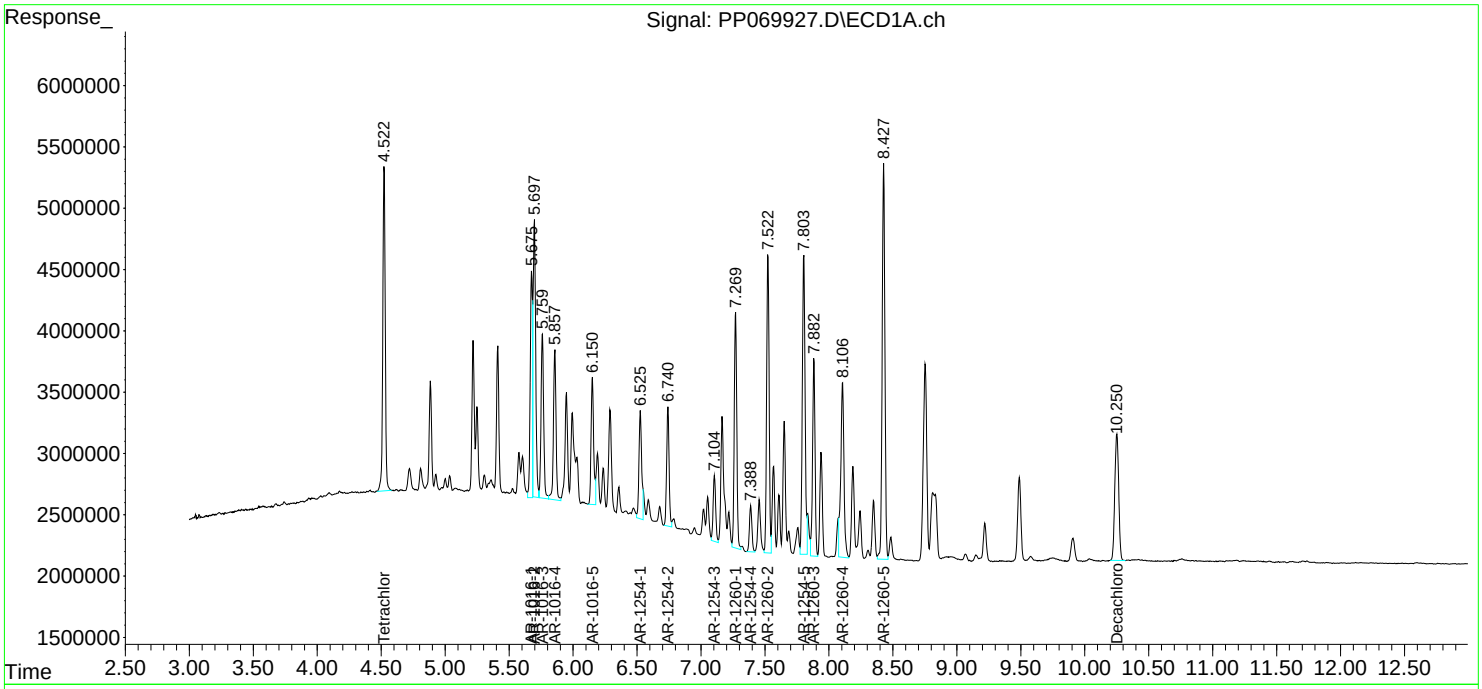
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

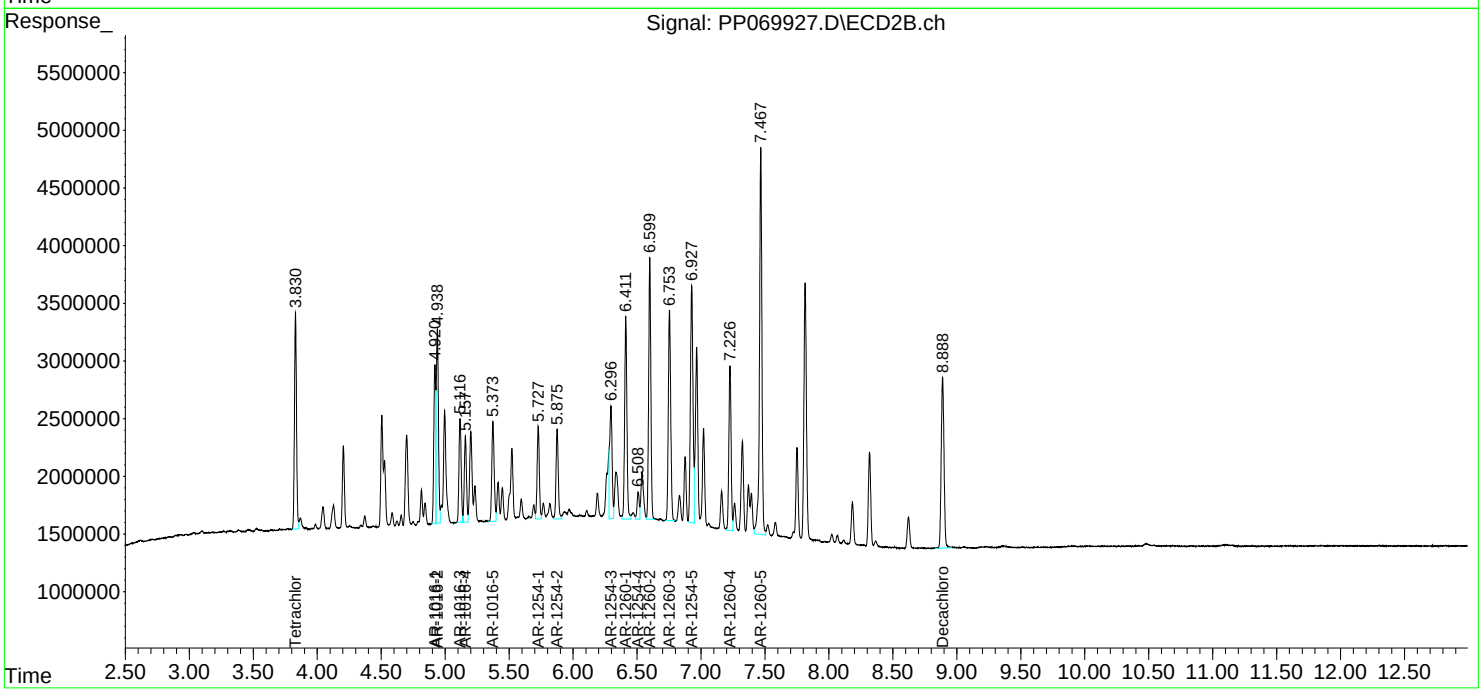
Manual Integrations APPROVED

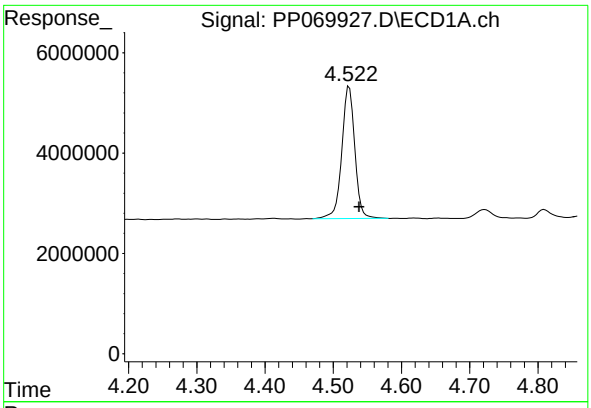
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 13:38:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







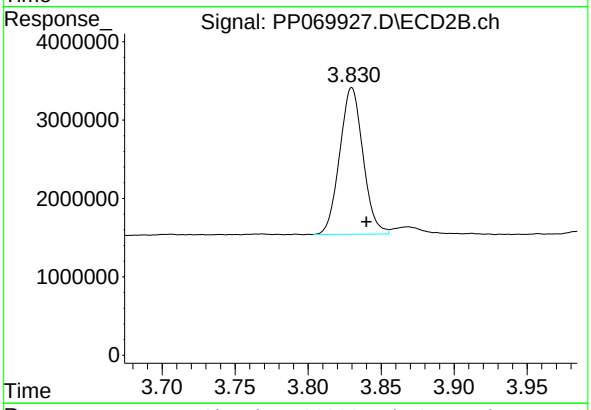
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 min
Response: 34924768
Conc: 24.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

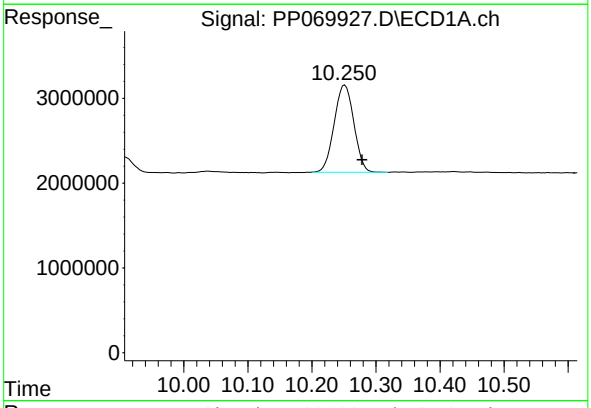
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



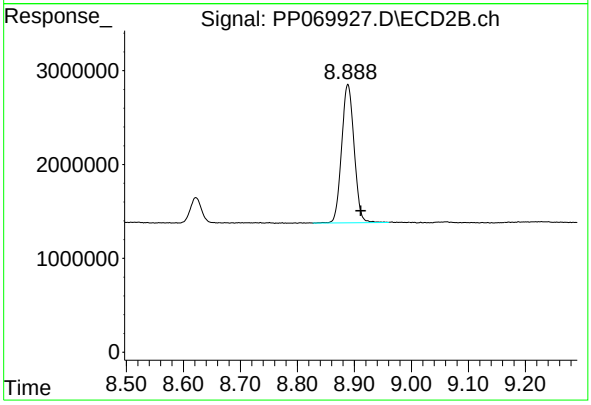
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20845328
Conc: 23.36 ng/ml m



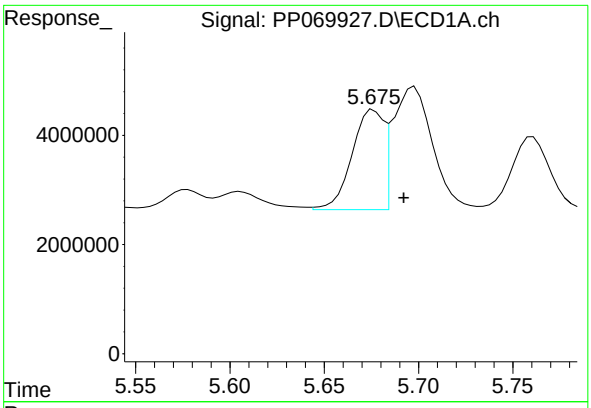
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 21981994
Conc: 20.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 22476473
Conc: 20.10 ng/ml



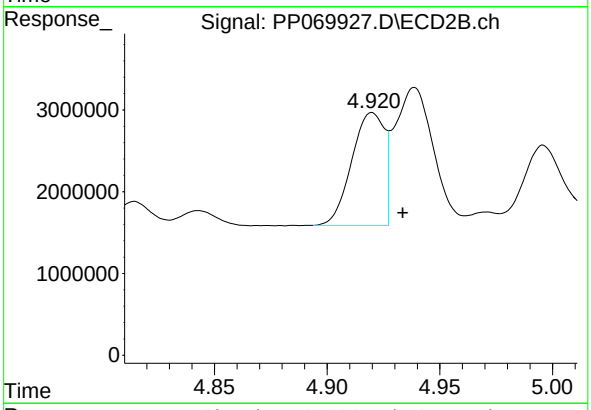
#3 AR-1016-1

R.T.: 5.675 min
Delta R.T.: -0.017 min
Response: 25694394
Conc: 554.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

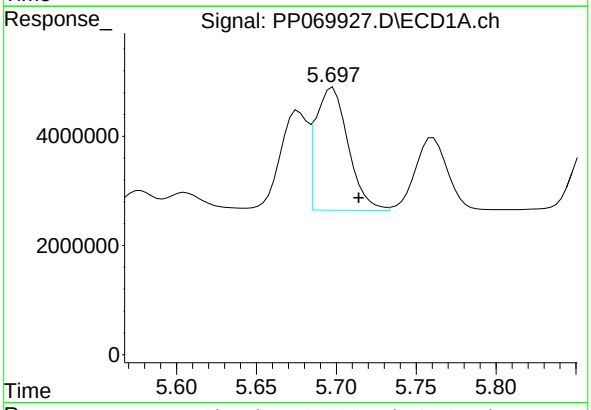
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



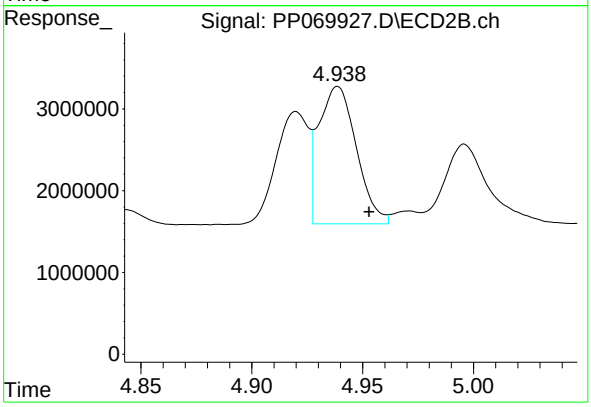
#3 AR-1016-1

R.T.: 4.920 min
Delta R.T.: -0.014 min
Response: 14110000
Conc: 432.62 ng/ml m



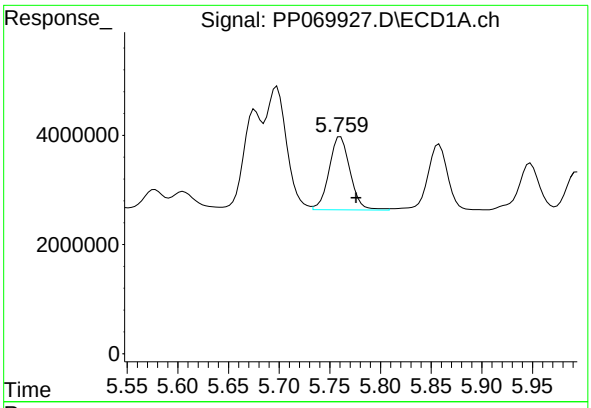
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 31864648
Conc: 469.45 ng/ml



#4 AR-1016-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 19566950
Conc: 435.22 ng/ml m



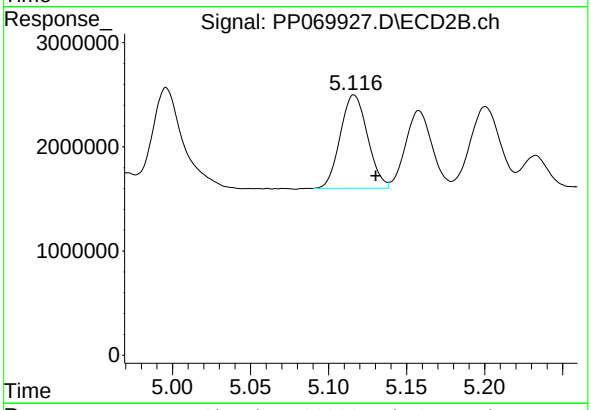
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.015 min
Response: 19321920
Conc: 453.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

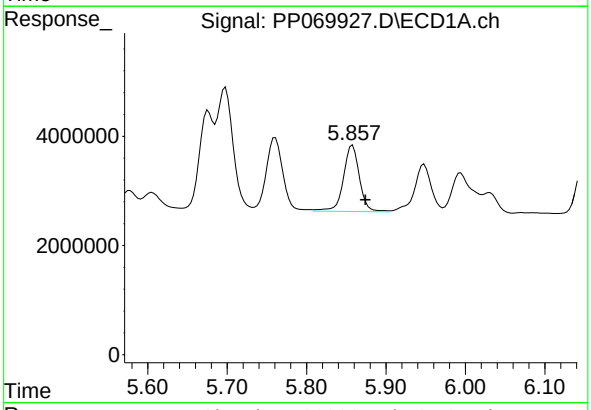
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



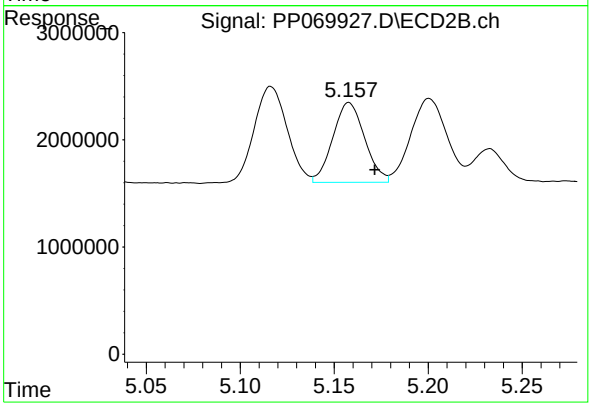
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 10932269
Conc: 439.33 ng/ml



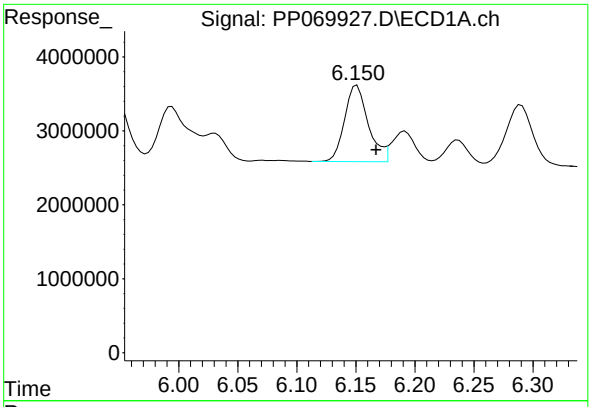
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 17118159
Conc: 489.08 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 8812914
Conc: 436.36 ng/ml



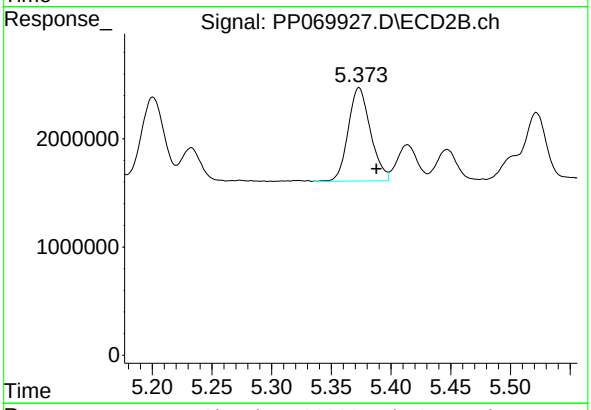
#7 AR-1016-5

R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 14315948
Conc: 433.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

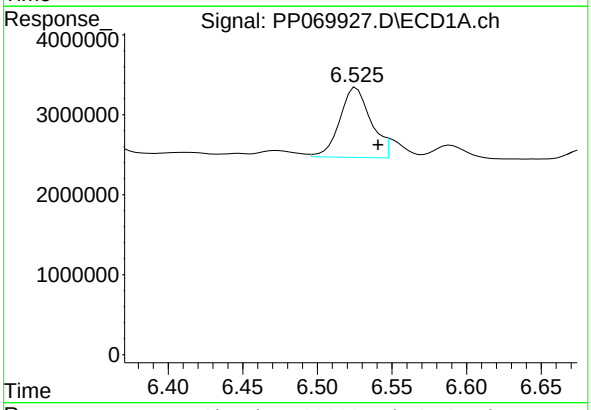
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



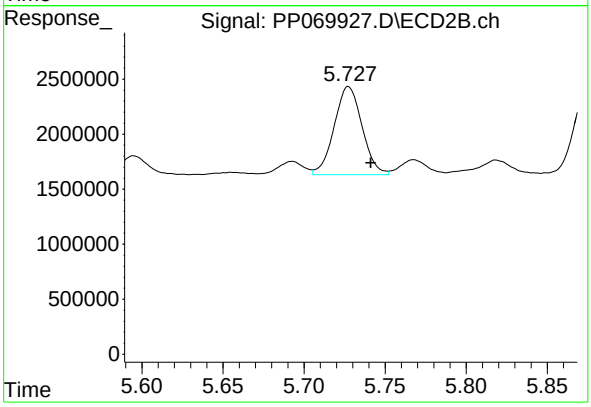
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 11187609
Conc: 417.08 ng/ml



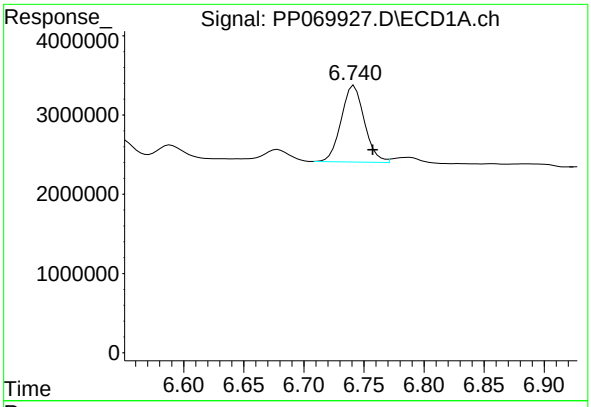
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.016 min
Response: 12253522
Conc: 211.77 ng/ml m



#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 9600001
Conc: 174.37 ng/ml



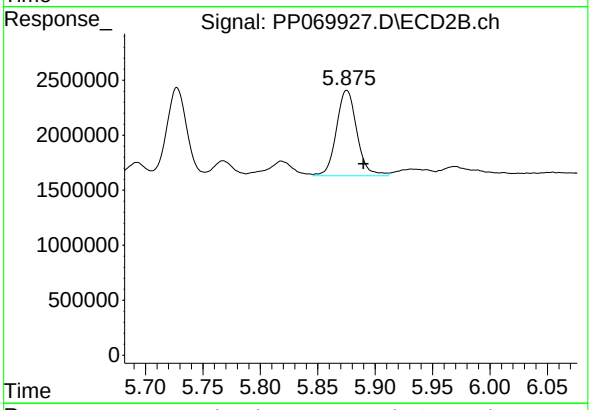
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 12975448
Conc: 161.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

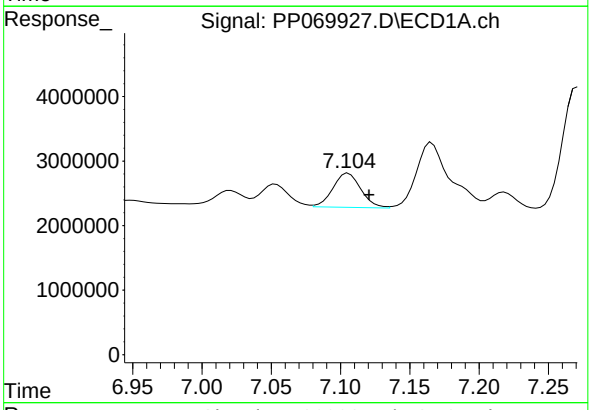
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



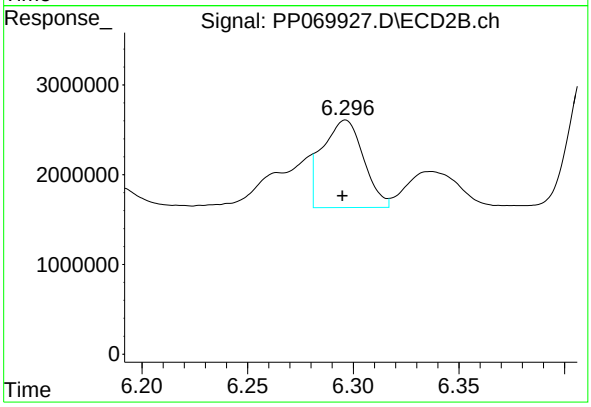
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 9703511
Conc: 200.62 ng/ml



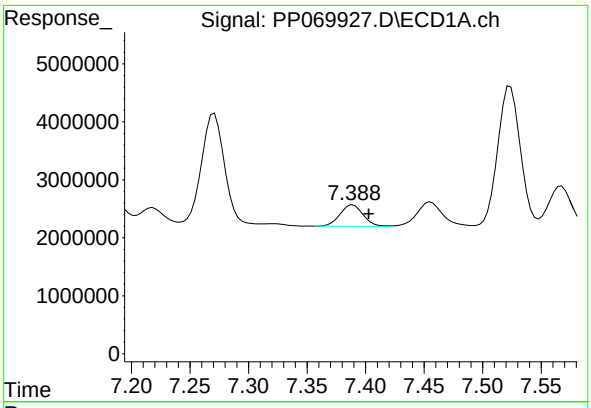
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.015 min
Response: 7428042
Conc: 88.13 ng/ml



#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 13141341
Conc: 173.15 ng/ml m



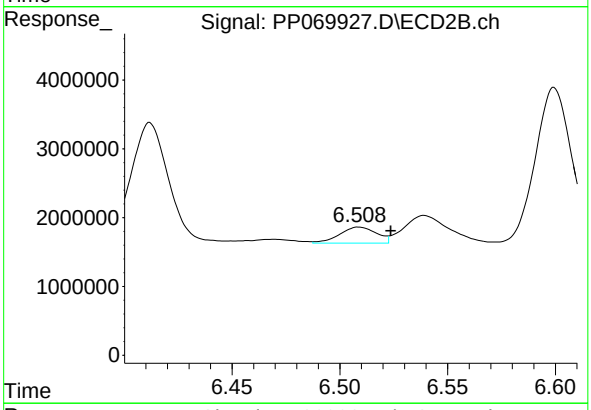
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.013 min
Response: 5109038
Conc: 74.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

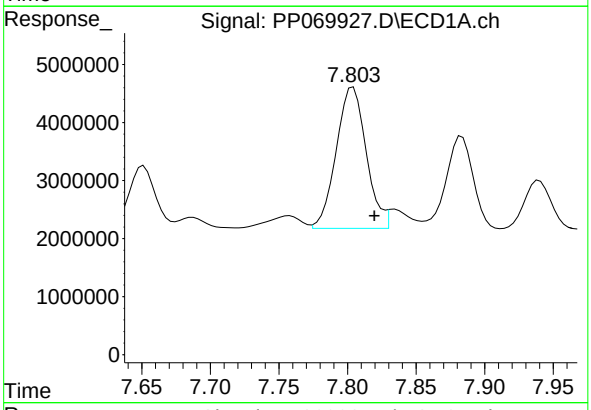
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



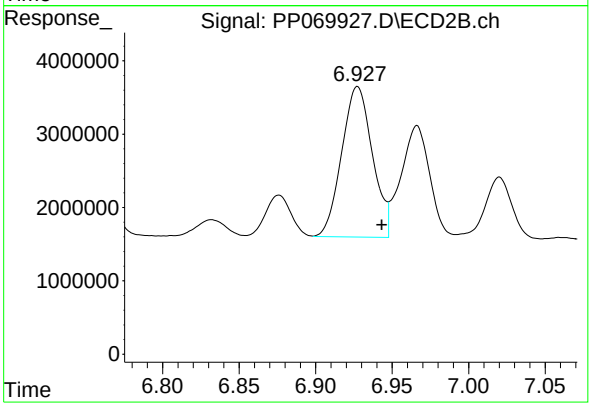
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 2812878
Conc: 54.89 ng/ml



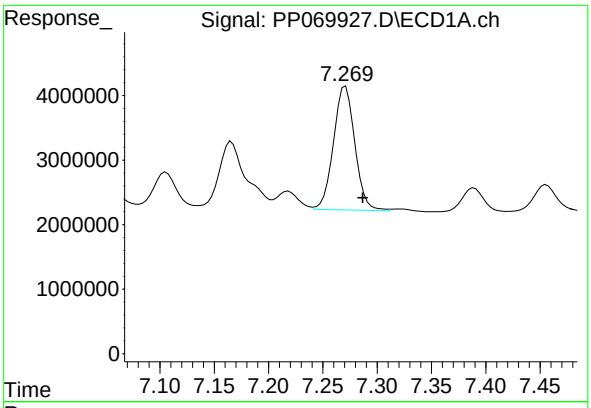
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.017 min
Response: 36927611
Conc: 542.68 ng/ml m



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 28699914
Conc: 431.19 ng/ml



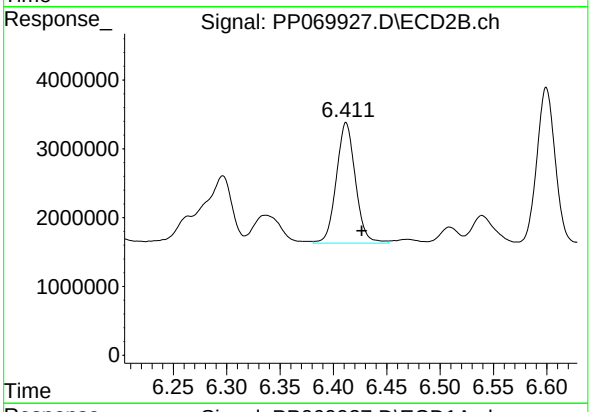
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 26227603
Conc: 448.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

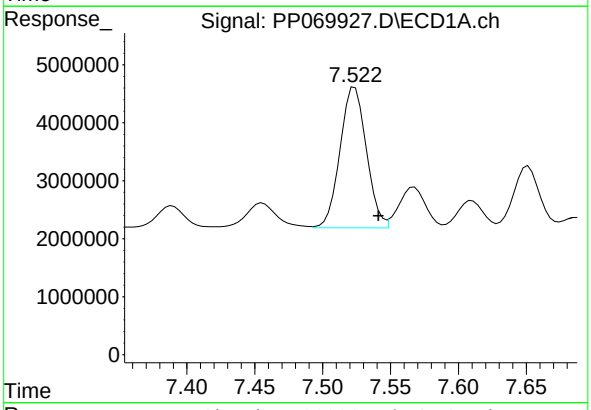
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



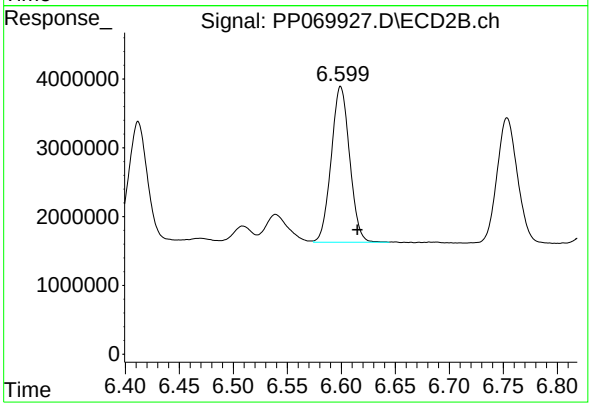
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 21834754
Conc: 452.73 ng/ml



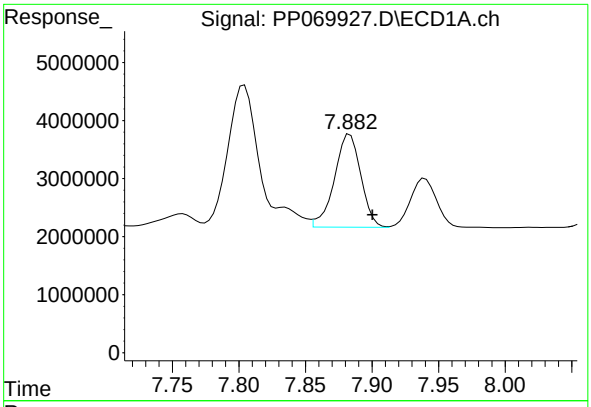
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 32832842
Conc: 421.95 ng/ml



#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 26848926
Conc: 437.97 ng/ml



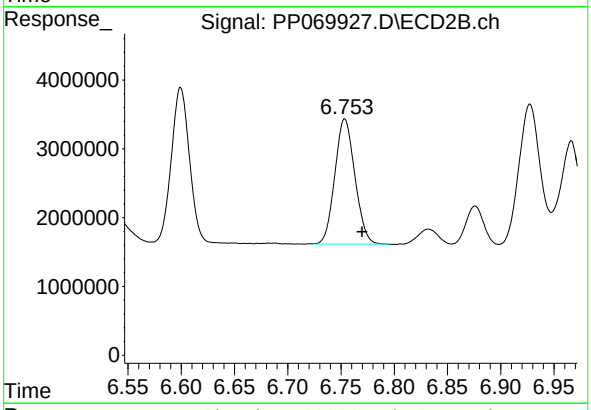
#33 AR-1260-3

R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 22173479
Conc: 354.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

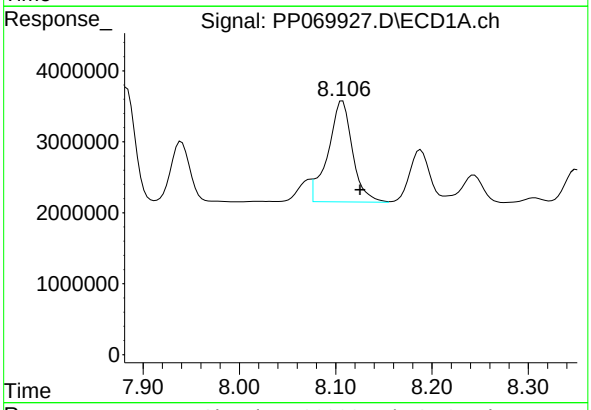
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



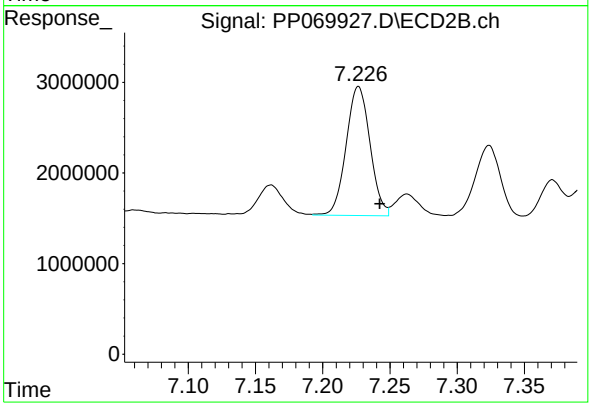
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 23796308
Conc: 395.57 ng/ml m



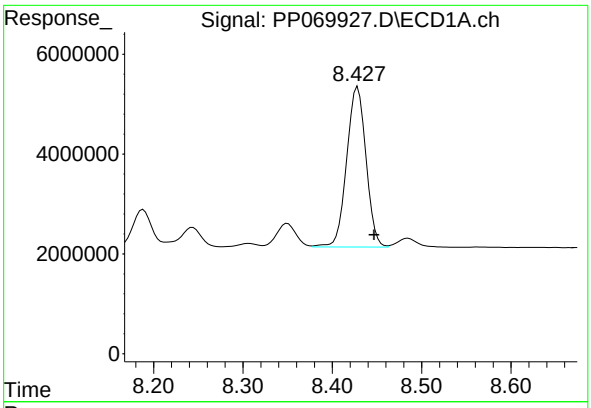
#34 AR-1260-4

R.T.: 8.106 min
Delta R.T.: -0.019 min
Response: 24878430
Conc: 377.08 ng/ml m



#34 AR-1260-4

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 17612644
Conc: 379.03 ng/ml



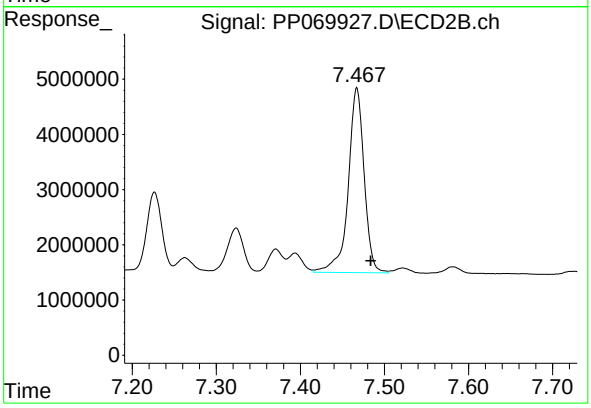
#35 AR-1260-5

R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 48329219
Conc: 369.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.016 min
Response: 44103270
Conc: 396.81 ng/ml

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

Manual Integration Report

Sequence:	PP012825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PP069265.D	Tetrachloro-m-xylene #2	yogesh	1/29/2025 8:01:08 AM	Ankita	1/29/2025 12:56:48	Peak Integrated by Software
AR1248ICC250	PP069280.D	AR-1248-4	yogesh	1/29/2025 8:01:09 AM	Ankita	1/29/2025 12:56:49	Peak Integrated by Software
AR1248ICC250	PP069280.D	AR-1248-5	yogesh	1/29/2025 8:01:09 AM	Ankita	1/29/2025 12:56:49	Peak Integrated by Software
AR1254ICC050	PP069286.D	AR-1254-1	yogesh	1/29/2025 8:01:10 AM	Ankita	1/29/2025 12:56:50	Peak Integrated by Software
AR1254ICC050	PP069286.D	Tetrachloro-m-xylene	yogesh	1/29/2025 8:01:10 AM	Ankita	1/29/2025 12:56:50	Peak Integrated by Software
AR1268ICC050	PP069292.D	Tetrachloro-m-xylene	yogesh	1/29/2025 8:01:12 AM	Ankita	1/29/2025 12:56:52	Peak Integrated by Software
AR1268ICC050	PP069292.D	Tetrachloro-m-xylene #2	yogesh	1/29/2025 8:01:12 AM	Ankita	1/29/2025 12:56:52	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069827.D	AR-1016-5 #2	yogesh	2/20/2025 8:11:01 AM	Ankita	2/20/2025 12:54:11	Peak Integrated by Software
AR1660CCC500	PP069827.D	AR-1260-3 #2	yogesh	2/20/2025 8:11:01 AM	Ankita	2/20/2025 12:54:11	Peak Integrated by Software
AR1660CCC500	PP069827.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:01 AM	Ankita	2/20/2025 12:54:11	Peak Integrated by Software
AR1242CCC500	PP069828.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:03 AM	Ankita	2/20/2025 12:54:13	Peak Integrated by Software
AR1248CCC500	PP069829.D	AR-1248-3 #2	yogesh	2/20/2025 8:11:07 AM	Ankita	2/20/2025 12:54:15	Peak Integrated by Software
AR1248CCC500	PP069829.D	AR-1248-5 #2	yogesh	2/20/2025 8:11:07 AM	Ankita	2/20/2025 12:54:15	Peak Integrated by Software
AR1248CCC500	PP069829.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:07 AM	Ankita	2/20/2025 12:54:15	Peak Integrated by Software
AR1254CCC500	PP069830.D	AR-1254-4 #2	yogesh	2/20/2025 8:11:09 AM	Ankita	2/20/2025 12:54:16	Peak Integrated by Software
AR1254CCC500	PP069830.D	AR-1254-5	yogesh	2/20/2025 8:11:09 AM	Ankita	2/20/2025 12:54:16	Peak Integrated by Software
AR1254CCC500	PP069830.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:09 AM	Ankita	2/20/2025 12:54:16	Peak Integrated by Software
I.BLK	PP069831.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:11 AM	Ankita	2/20/2025 12:54:18	Peak Integrated by Software
PB166770BL	PP069837.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:22 AM	Ankita	2/20/2025 12:54:29	Peak Integrated by Software
PB166770BS	PP069838.D	AR-1016-5	yogesh	2/20/2025 8:11:24 AM	Ankita	2/20/2025 12:54:31	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166770BS	PP069838.D	AR-1260-3 #2	yogesh	2/20/2025 8:11:24 AM	Ankita	2/20/2025 12:54:31	Peak Integrated by Software
PB166770BS	PP069838.D	AR-1260-4	yogesh	2/20/2025 8:11:24 AM	Ankita	2/20/2025 12:54:31	Peak Integrated by Software
PB166770BS	PP069838.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:11:24 AM	Ankita	2/20/2025 12:54:31	Peak Integrated by Software
PB166770BS	PP069838.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:24 AM	Ankita	2/20/2025 12:54:31	Peak Integrated by Software
Q1382-01	PP069839.D	AR-1254-1 #2	yogesh	2/20/2025 8:11:25 AM	Ankita	2/20/2025 12:54:34	Peak Integrated by Software
Q1382-01	PP069839.D	AR-1254-2 #2	yogesh	2/20/2025 8:11:25 AM	Ankita	2/20/2025 12:54:34	Peak Integrated by Software
Q1382-01	PP069839.D	AR-1254-3 #2	yogesh	2/20/2025 8:11:25 AM	Ankita	2/20/2025 12:54:34	Peak Integrated by Software
Q1382-01	PP069839.D	AR-1254-4 #2	yogesh	2/20/2025 8:11:25 AM	Ankita	2/20/2025 12:54:34	Peak Integrated by Software
Q1382-01	PP069839.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:25 AM	Ankita	2/20/2025 12:54:34	Peak Integrated by Software
AR1660CCC500	PP069842.D	AR-1016-2 #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1660CCC500	PP069842.D	AR-1016-5 #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1660CCC500	PP069842.D	AR-1260-3 #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1660CCC500	PP069842.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069842.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1242CCC500	PP069843.D	AR-1242-5	yogesh	2/20/2025 8:11:33 AM	Ankita	2/20/2025 12:54:40	Peak Integrated by Software
AR1242CCC500	PP069843.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:11:33 AM	Ankita	2/20/2025 12:54:40	Peak Integrated by Software
AR1242CCC500	PP069843.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:33 AM	Ankita	2/20/2025 12:54:40	Peak Integrated by Software
AR1248CCC500	PP069844.D	AR-1248-3	yogesh	2/20/2025 8:11:35 AM	Ankita	2/20/2025 12:54:42	Peak Integrated by Software
AR1248CCC500	PP069844.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:35 AM	Ankita	2/20/2025 12:54:42	Peak Integrated by Software
AR1254CCC500	PP069845.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:37 AM	Ankita	2/20/2025 12:54:43	Peak Integrated by Software
I.BLK	PP069846.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:12:51 AM	Ankita	2/20/2025 12:54:45	Peak Integrated by Software
Q1382-03	PP069847.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:12:53 AM	Ankita	2/20/2025 12:54:47	Peak Integrated by Software
Q1382-05	PP069848.D	AR-1254-1	yogesh	2/20/2025 8:12:55 AM	Ankita	2/20/2025 12:54:48	Peak Integrated by Software
Q1382-05	PP069848.D	AR-1254-1 #2	yogesh	2/20/2025 8:12:55 AM	Ankita	2/20/2025 12:54:48	Peak Integrated by Software
Q1382-05	PP069848.D	AR-1254-2 #2	yogesh	2/20/2025 8:12:55 AM	Ankita	2/20/2025 12:54:48	Peak Integrated by Software
Q1382-05	PP069848.D	AR-1254-3 #2	yogesh	2/20/2025 8:12:55 AM	Ankita	2/20/2025 12:54:48	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1382-05	PP069848.D	AR-1254-5	yogesh	2/20/2025 8:12:55 AM	Ankita	2/20/2025 12:54:48	Peak Integrated by Software
Q1382-07	PP069849.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:12:56 AM	Ankita	2/20/2025 12:54:50	Peak Integrated by Software
Q1382-11	PP069851.D	AR-1254-1	yogesh	2/20/2025 8:13:00 AM	Ankita	2/20/2025 12:55:21	Peak Integrated by Software
Q1382-11	PP069851.D	AR-1254-3 #2	yogesh	2/20/2025 8:13:00 AM	Ankita	2/20/2025 12:55:21	Peak Integrated by Software
Q1382-11	PP069851.D	AR-1254-5	yogesh	2/20/2025 8:13:00 AM	Ankita	2/20/2025 12:55:21	Peak Integrated by Software
Q1382-13	PP069852.D	AR-1254-3 #2	yogesh	2/20/2025 8:13:02 AM	Ankita	2/20/2025 12:55:22	Peak Integrated by Software
Q1382-13	PP069852.D	AR-1254-4 #2	yogesh	2/20/2025 8:13:02 AM	Ankita	2/20/2025 12:55:22	Peak Integrated by Software
Q1382-13	PP069852.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:02 AM	Ankita	2/20/2025 12:55:22	Peak Integrated by Software
Q1382-15	PP069853.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:03 AM	Ankita	2/20/2025 12:55:24	Peak Integrated by Software
Q1382-17	PP069854.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:06 AM	Ankita	2/20/2025 12:55:26	Peak Integrated by Software
Q1382-19	PP069855.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:08 AM	Ankita	2/20/2025 12:55:27	Peak Integrated by Software
AR1660CCC500	PP069857.D	AR-1016-1	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software
AR1660CCC500	PP069857.D	AR-1016-1 #2	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069857.D	AR-1260-3 #2	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software
AR1660CCC500	PP069857.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software
AR1242CCC500	PP069858.D	AR-1242-1	yogesh	2/20/2025 8:14:39 AM	Ankita	2/20/2025 12:55:33	Peak Integrated by Software
AR1242CCC500	PP069858.D	AR-1242-1 #2	yogesh	2/20/2025 8:14:39 AM	Ankita	2/20/2025 12:55:33	Peak Integrated by Software
AR1242CCC500	PP069858.D	AR-1242-5	yogesh	2/20/2025 8:14:39 AM	Ankita	2/20/2025 12:55:33	Peak Integrated by Software
AR1248CCC500	PP069859.D	AR-1248-1	yogesh	2/20/2025 8:13:15 AM	Ankita	2/20/2025 12:55:34	Peak Integrated by Software
AR1248CCC500	PP069859.D	AR-1248-1 #2	yogesh	2/20/2025 8:13:15 AM	Ankita	2/20/2025 12:55:34	Peak Integrated by Software
AR1248CCC500	PP069859.D	AR-1248-3	yogesh	2/20/2025 8:13:15 AM	Ankita	2/20/2025 12:55:34	Peak Integrated by Software
AR1254CCC500	PP069860.D	AR-1254-1	yogesh	2/20/2025 8:13:17 AM	Ankita	2/20/2025 12:55:36	Peak Integrated by Software
AR1254CCC500	PP069860.D	AR-1254-5	yogesh	2/20/2025 8:13:17 AM	Ankita	2/20/2025 12:55:36	Peak Integrated by Software
I.BLK	PP069861.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:18 AM	Ankita	2/20/2025 12:55:38	Peak Integrated by Software
AR1660CCC500	PP069872.D	AR-1016-1	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC500	PP069872.D	AR-1016-1 #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP069872.D	AR-1016-5 #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC50 0	PP069872.D	AR-1260-3 #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC50 0	PP069872.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC50 0	PP069872.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1242CCC50 0	PP069873.D	AR-1242-1	yogesh	2/20/2025 8:14:47 AM	Ankita	2/20/2025 12:56:33	Peak Integrated by Software
AR1242CCC50 0	PP069873.D	AR-1242-1 #2	yogesh	2/20/2025 8:14:47 AM	Ankita	2/20/2025 12:56:33	Peak Integrated by Software
AR1242CCC50 0	PP069873.D	AR-1242-5 #2	yogesh	2/20/2025 8:14:47 AM	Ankita	2/20/2025 12:56:33	Peak Integrated by Software
AR1248CCC50 0	PP069874.D	AR-1248-1	yogesh	2/20/2025 8:14:49 AM	Ankita	2/20/2025 12:56:35	Peak Integrated by Software
AR1248CCC50 0	PP069874.D	AR-1248-1 #2	yogesh	2/20/2025 8:14:49 AM	Ankita	2/20/2025 12:56:35	Peak Integrated by Software
AR1248CCC50 0	PP069874.D	AR-1248-3	yogesh	2/20/2025 8:14:49 AM	Ankita	2/20/2025 12:56:35	Peak Integrated by Software
AR1254CCC50 0	PP069875.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:52 AM	Ankita	2/20/2025 12:56:36	Peak Integrated by Software
I.BLK	PP069876.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:55 AM	Ankita	2/20/2025 12:56:38	Peak Integrated by Software
AR1660CCC50 0	PP069885.D	AR-1016-1	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069885.D	AR-1016-1 #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1016-5	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1016-5 #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1260-3 #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1242CCC500	PP069886.D	AR-1242-1	yogesh	2/20/2025 8:15:11 AM	Ankita	2/20/2025 12:57:05	Peak Integrated by Software
AR1242CCC500	PP069886.D	AR-1242-1 #2	yogesh	2/20/2025 8:15:11 AM	Ankita	2/20/2025 12:57:05	Peak Integrated by Software
AR1242CCC500	PP069886.D	AR-1242-5	yogesh	2/20/2025 8:15:11 AM	Ankita	2/20/2025 12:57:05	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-1	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-1 #2	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-3	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-4 #2	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069888.D	AR-1254-1	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-2	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-3	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-4	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-5	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
I.BLK	PP069889.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:17 AM	Ankita	2/20/2025 12:57:09	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1016-2 #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1016-5	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1016-5 #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1260-3 #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	Tetrachloro-m-xylene	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069899.D	AR-1254-2	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	AR-1254-3	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	AR-1254-4	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	AR-1254-4 #2	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069902.D	AR-1016-2 #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	AR-1016-5	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	AR-1016-5 #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	AR-1260-3 #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1242CCC500	PP069903.D	AR-1242-2 #2	yogesh	2/21/2025 8:08:58 AM	Ankita	2/21/2025 11:05:47	Peak Integrated by Software
AR1242CCC500	PP069903.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:08:58 AM	Ankita	2/21/2025 11:05:47	Peak Integrated by Software
AR1242CCC500	PP069903.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:08:58 AM	Ankita	2/21/2025 11:05:47	Peak Integrated by Software
AR1248CCC500	PP069904.D	AR-1248-3	yogesh	2/21/2025 8:09:00 AM	Ankita	2/21/2025 11:05:48	Peak Integrated by Software
AR1248CCC500	PP069904.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:09:00 AM	Ankita	2/21/2025 11:05:48	Peak Integrated by Software
AR1254CCC500	PP069905.D	AR-1254-4 #2	yogesh	2/21/2025 8:09:01 AM	Ankita	2/21/2025 11:05:50	Peak Integrated by Software
AR1254CCC500	PP069905.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:09:01 AM	Ankita	2/21/2025 11:05:50	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP069906.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:09:03 AM	Ankita	2/21/2025 11:05:51	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-1	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-1 #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-5	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-5 #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1260-3 #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	AR-1242-1	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	AR-1242-1 #2	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1248CCC50 0	PP069919.D	AR-1248-1	yogesh	2/21/2025 8:43:58 AM	Ankita	2/21/2025 11:07:20	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP069919.D	AR-1248-1 #2	yogesh	2/21/2025 8:43:58 AM	Ankita	2/21/2025 11:07:20	Peak Integrated by Software
AR1254CCC500	PP069920.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:44:06 AM	Ankita	2/21/2025 11:07:22	Peak Integrated by Software
I.BLK	PP069921.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:44:08 AM	Ankita	2/21/2025 11:07:23	Peak Integrated by Software
Q1382-01MS	PP069926.D	AR-1016-2 #2	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MS	PP069926.D	AR-1016-5	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MS	PP069926.D	AR-1254-3 #2	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MS	PP069926.D	AR-1260-3 #2	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MS	PP069926.D	AR-1260-4	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MS	PP069926.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MS	PP069926.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:13:31 AM	Ankita	2/24/2025 9:14:09	Peak Integrated by Software
Q1382-01MSD	PP069927.D	AR-1016-2 #2	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-01MSD	PP069927.D	AR-1016-5	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-01MSD	PP069927.D	AR-1254-3 #2	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1382-01MSD	PP069927.D	AR-1254-5	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-01MSD	PP069927.D	AR-1260-3 #2	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-01MSD	PP069927.D	AR-1260-4	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-01MSD	PP069927.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-01MSD	PP069927.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:13:33 AM	Ankita	2/24/2025 9:14:10	Peak Integrated by Software
Q1382-03RE	PP069928.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:46:23 AM	Ankita	2/21/2025 11:07:37	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-1	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-1 #2	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-2	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-2 #2	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-3	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-3 #2	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-4	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1382-05RE	PP069929.D	AR-1254-4 #2	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	AR-1254-5	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-05RE	PP069929.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 11:05:58 AM	Ankita	2/21/2025 11:07:38	Peak Integrated by Software
Q1382-07RE	PP069930.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:46:46 AM	Ankita	2/21/2025 11:07:40	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-1	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-1 #2	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-2	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-2 #2	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-3	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-3 #2	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-4	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-4 #2	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
Q1382-11RE	PP069931.D	AR-1254-5	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1382-11RE	PP069931.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 11:06:00 AM	Ankita	2/21/2025 11:07:42	Peak Integrated by Software
AR1660CCC500	PP069932.D	AR-1016-1	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1660CCC500	PP069932.D	AR-1016-1 #2	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1660CCC500	PP069932.D	AR-1260-3 #2	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1660CCC500	PP069932.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1242CCC500	PP069933.D	AR-1242-1	yogesh	2/21/2025 8:47:47 AM	Ankita	2/21/2025 11:07:45	Peak Integrated by Software
AR1242CCC500	PP069933.D	AR-1242-1 #2	yogesh	2/21/2025 8:47:47 AM	Ankita	2/21/2025 11:07:45	Peak Integrated by Software
AR1248CCC500	PP069934.D	AR-1248-1	yogesh	2/21/2025 8:47:49 AM	Ankita	2/21/2025 11:07:47	Peak Integrated by Software
AR1248CCC500	PP069934.D	AR-1248-1 #2	yogesh	2/21/2025 8:47:49 AM	Ankita	2/21/2025 11:07:47	Peak Integrated by Software
AR1248CCC500	PP069934.D	AR-1248-3	yogesh	2/21/2025 8:47:49 AM	Ankita	2/21/2025 11:07:47	Peak Integrated by Software
AR1254CCC500	PP069935.D	AR-1254-1	yogesh	2/21/2025 8:48:02 AM	Ankita	2/21/2025 11:07:49	Peak Integrated by Software
I.BLK	PP069936.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:03 AM	Ankita	2/21/2025 11:07:50	Peak Integrated by Software
Q1382-19RE	PP069937.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:05 AM	Ankita	2/21/2025 11:08:15	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1382-09	PP069945.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:56 AM	Ankita	2/21/2025 11:08:30	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-1	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-1 #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-5	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-5 #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1260-1	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1260-3 #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1242CCC50 0	PP069948.D	AR-1242-1	yogesh	2/21/2025 8:49:01 AM	Ankita	2/21/2025 11:08:36	Peak Integrated by Software
AR1242CCC50 0	PP069948.D	AR-1242-1 #2	yogesh	2/21/2025 8:49:01 AM	Ankita	2/21/2025 11:08:36	Peak Integrated by Software
AR1242CCC50 0	PP069948.D	AR-1242-5	yogesh	2/21/2025 8:49:01 AM	Ankita	2/21/2025 11:08:36	Peak Integrated by Software
AR1248CCC50 0	PP069949.D	AR-1248-1	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP069949.D	AR-1248-1 #2	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software
AR1248CCC500	PP069949.D	AR-1248-3	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software
AR1248CCC500	PP069949.D	AR-1248-3 #2	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software
AR1254CCC500	PP069950.D	AR-1254-1	yogesh	2/21/2025 8:49:04 AM	Ankita	2/21/2025 11:08:39	Peak Integrated by Software
AR1254CCC500	PP069950.D	AR-1254-4 #2	yogesh	2/21/2025 8:49:04 AM	Ankita	2/21/2025 11:08:39	Peak Integrated by Software
AR1254CCC500	PP069950.D	AR-1254-5	yogesh	2/21/2025 8:49:04 AM	Ankita	2/21/2025 11:08:39	Peak Integrated by Software
I.BLK	PP069951.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:49:06 AM	Ankita	2/21/2025 11:08:40	Peak Integrated by Software

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069263.D	28 Jan 2025 09:05	YP\AJ	Ok
2	I.BLK	PP069264.D	28 Jan 2025 09:21	YP\AJ	Ok
3	AR1660ICC1000	PP069265.D	28 Jan 2025 09:37	YP\AJ	Ok,M
4	AR1660ICC750	PP069266.D	28 Jan 2025 09:54	YP\AJ	Ok
5	AR1660ICC500	PP069267.D	28 Jan 2025 10:10	YP\AJ	Ok
6	AR1660ICC250	PP069268.D	28 Jan 2025 10:26	YP\AJ	Ok
7	AR1660ICC050	PP069269.D	28 Jan 2025 11:15	YP\AJ	Ok
8	AR1221ICC500	PP069270.D	28 Jan 2025 11:32	YP\AJ	Ok
9	AR1232ICC500	PP069271.D	28 Jan 2025 11:48	YP\AJ	Ok
10	AR1242ICC1000	PP069272.D	28 Jan 2025 12:04	YP\AJ	Ok
11	AR1242ICC750	PP069273.D	28 Jan 2025 12:21	YP\AJ	Ok
12	AR1242ICC500	PP069274.D	28 Jan 2025 12:37	YP\AJ	Ok
13	AR1242ICC250	PP069275.D	28 Jan 2025 12:53	YP\AJ	Ok
14	AR1242ICC050	PP069276.D	28 Jan 2025 13:09	YP\AJ	Ok
15	AR1248ICC1000	PP069277.D	28 Jan 2025 13:26	YP\AJ	Ok
16	AR1248ICC750	PP069278.D	28 Jan 2025 13:42	YP\AJ	Ok
17	AR1248ICC500	PP069279.D	28 Jan 2025 13:58	YP\AJ	Ok
18	AR1248ICC250	PP069280.D	28 Jan 2025 14:15	YP\AJ	Ok,M
19	AR1248ICC050	PP069281.D	28 Jan 2025 14:31	YP\AJ	Ok
20	AR1254ICC1000	PP069282.D	28 Jan 2025 14:47	YP\AJ	Ok
21	AR1254ICC750	PP069283.D	28 Jan 2025 15:04	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 # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP069284.D	28 Jan 2025 15:20	YP\AJ	Ok
23	AR1254ICC250	PP069285.D	28 Jan 2025 15:36	YP\AJ	Ok
24	AR1254ICC050	PP069286.D	28 Jan 2025 15:53	YP\AJ	Ok,M
25	AR1262ICC500	PP069287.D	28 Jan 2025 16:09	YP\AJ	Ok
26	AR1268ICC1000	PP069288.D	28 Jan 2025 16:25	YP\AJ	Ok
27	AR1268ICC750	PP069289.D	28 Jan 2025 16:42	YP\AJ	Ok
28	AR1268ICC500	PP069290.D	28 Jan 2025 16:58	YP\AJ	Ok
29	AR1268ICC250	PP069291.D	28 Jan 2025 17:14	YP\AJ	Ok
30	AR1268ICC050	PP069292.D	28 Jan 2025 17:30	YP\AJ	Ok,M
31	PP012825ICV500	PP069293.D	28 Jan 2025 17:47	YP\AJ	Ok
32	AR1242ICV500	PP069294.D	28 Jan 2025 18:03	YP\AJ	Ok
33	AR1248ICV500	PP069295.D	28 Jan 2025 18:19	YP\AJ	Ok
34	AR1254ICV500	PP069296.D	28 Jan 2025 18:36	YP\AJ	Ok
35	AR1268ICV500	PP069297.D	28 Jan 2025 18:52	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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069826.D	19 Feb 2025 08:10	YP\AJ	Ok
2	AR1660CCC500	PP069827.D	19 Feb 2025 08:26	YP\AJ	Ok,M
3	AR1242CCC500	PP069828.D	19 Feb 2025 08:47	YP\AJ	Ok,M
4	AR1248CCC500	PP069829.D	19 Feb 2025 09:03	YP\AJ	Ok,M
5	AR1254CCC500	PP069830.D	19 Feb 2025 09:19	YP\AJ	Ok,M
6	I.BLK	PP069831.D	19 Feb 2025 10:11	YP\AJ	Ok,M
7	PB166749BL	PP069832.D	19 Feb 2025 10:28	YP\AJ	Ok,M
8	PB166750BL	PP069833.D	19 Feb 2025 10:44	YP\AJ	Ok,M
9	Q1373-02DL2	PP069834.D	19 Feb 2025 11:01	YP\AJ	Ok,M
10	Q1379-01	PP069835.D	19 Feb 2025 11:17	YP\AJ	Ok,M
11	Q1378-03	PP069836.D	19 Feb 2025 11:33	YP\AJ	Ok,M
12	PB166770BL	PP069837.D	19 Feb 2025 13:00	YP\AJ	Ok,M
13	PB166770BS	PP069838.D	19 Feb 2025 13:16	YP\AJ	Ok,M
14	Q1382-01	PP069839.D	19 Feb 2025 13:32	YP\AJ	Ok,M
15	Q1382-01MS	PP069840.D	19 Feb 2025 13:48	YP\AJ	Not Ok
16	Q1382-01MSD	PP069841.D	19 Feb 2025 14:05	YP\AJ	Not Ok
17	AR1660CCC500	PP069842.D	19 Feb 2025 15:10	YP\AJ	Ok,M
18	AR1242CCC500	PP069843.D	19 Feb 2025 15:42	YP\AJ	Ok,M
19	AR1248CCC500	PP069844.D	19 Feb 2025 15:58	YP\AJ	Ok,M
20	AR1254CCC500	PP069845.D	19 Feb 2025 16:15	YP\AJ	Ok,M
21	I.BLK	PP069846.D	19 Feb 2025 16:31	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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1382-03	PP069847.D	19 Feb 2025 16:47	YP\AJ	ReRun
23	Q1382-05	PP069848.D	19 Feb 2025 17:03	YP\AJ	ReRun
24	Q1382-07	PP069849.D	19 Feb 2025 17:19	YP\AJ	ReRun
25	Q1382-09	PP069850.D	19 Feb 2025 17:36	YP\AJ	Not Ok
26	Q1382-11	PP069851.D	19 Feb 2025 17:52	YP\AJ	ReRun
27	Q1382-13	PP069852.D	19 Feb 2025 18:08	YP\AJ	Ok,M
28	Q1382-15	PP069853.D	19 Feb 2025 18:24	YP\AJ	Ok,M
29	Q1382-17	PP069854.D	19 Feb 2025 18:40	YP\AJ	Ok,M
30	Q1382-19	PP069855.D	19 Feb 2025 18:57	YP\AJ	ReRun
31	Q1384-01	PP069856.D	19 Feb 2025 19:13	YP\AJ	Ok
32	AR1660CCC500	PP069857.D	19 Feb 2025 20:18	YP\AJ	Ok,M
33	AR1242CCC500	PP069858.D	19 Feb 2025 20:50	YP\AJ	Ok,M
34	AR1248CCC500	PP069859.D	19 Feb 2025 21:07	YP\AJ	Ok,M
35	AR1254CCC500	PP069860.D	19 Feb 2025 21:23	YP\AJ	Ok,M
36	I.BLK	PP069861.D	19 Feb 2025 21:39	YP\AJ	Ok,M
37	PB166774BL	PP069862.D	19 Feb 2025 21:55	YP\AJ	Ok,M
38	PB166774BS	PP069863.D	19 Feb 2025 22:11	YP\AJ	Ok,M
39	Q1385-01	PP069864.D	19 Feb 2025 22:28	YP\AJ	Ok,M
40	Q1383-01	PP069865.D	19 Feb 2025 22:44	YP\AJ	Ok,M
41	Q1383-01MS	PP069866.D	19 Feb 2025 23:00	YP\AJ	Ok,M
42	Q1383-01MSD	PP069867.D	19 Feb 2025 23:16	YP\AJ	Ok,M
43	Q1383-03	PP069868.D	19 Feb 2025 23:33	YP\AJ	ReRun
44	Q1383-05	PP069869.D	19 Feb 2025 23:49	YP\AJ	ReRun

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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1383-07	PP069870.D	20 Feb 2025 00:05	YP\AJ	ReRun
46	Q1383-09	PP069871.D	20 Feb 2025 00:21	YP\AJ	ReRun
47	AR1660CCC500	PP069872.D	20 Feb 2025 01:26	YP\AJ	Ok,M
48	AR1242CCC500	PP069873.D	20 Feb 2025 01:58	YP\AJ	Ok,M
49	AR1248CCC500	PP069874.D	20 Feb 2025 02:15	YP\AJ	Ok,M
50	AR1254CCC500	PP069875.D	20 Feb 2025 02:31	YP\AJ	Ok,M
51	I.BLK	PP069876.D	20 Feb 2025 02:47	YP\AJ	Ok,M
52	Q1383-11	PP069877.D	20 Feb 2025 03:03	YP\AJ	Not Ok
53	Q1383-13	PP069878.D	20 Feb 2025 03:20	YP\AJ	ReRun
54	Q1383-15	PP069879.D	20 Feb 2025 03:36	YP\AJ	Ok,M
55	Q1383-17	PP069880.D	20 Feb 2025 03:52	YP\AJ	ReRun
56	Q1383-19	PP069881.D	20 Feb 2025 04:08	YP\AJ	Ok,M
57	Q1383-21	PP069882.D	20 Feb 2025 04:24	YP\AJ	ReRun
58	Q1377-01	PP069883.D	20 Feb 2025 04:41	YP\AJ	Ok,M
59	Q1378-03	PP069884.D	20 Feb 2025 04:57	YP\AJ	Not Ok
60	AR1660CCC500	PP069885.D	20 Feb 2025 06:02	YP\AJ	Ok,M
61	AR1242CCC500	PP069886.D	20 Feb 2025 06:34	YP\AJ	Ok,M
62	AR1248CCC500	PP069887.D	20 Feb 2025 06:50	YP\AJ	Ok,M
63	AR1254CCC500	PP069888.D	20 Feb 2025 07:07	YP\AJ	Ok,M
64	I.BLK	PP069889.D	20 Feb 2025 07:23	YP\AJ	Ok,M
65	PB166785BL	PP069890.D	20 Feb 2025 07:39	YP\AJ	Ok,M
66	PB166785BS	PP069891.D	20 Feb 2025 07:55	YP\AJ	Ok,M
67	Q1389-01	PP069892.D	20 Feb 2025 08:12	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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

68	Q1389-02	PP069893.D	20 Feb 2025 08:28	YP\AJ	Ok,M
69	Q1389-03	PP069894.D	20 Feb 2025 08:44	YP\AJ	Ok,M
70	Q1389-04	PP069895.D	20 Feb 2025 09:00	YP\AJ	Ok,M
71	Q1391-01	PP069896.D	20 Feb 2025 09:16	YP\AJ	Ok,M
72	Q1391-02	PP069897.D	20 Feb 2025 09:33	YP\AJ	Ok,M
73	AR1660CCC500	PP069898.D	20 Feb 2025 10:38	YP\AJ	Ok,M
74	AR1254CCC500	PP069899.D	20 Feb 2025 10:54	YP\AJ	Ok,M
75	I.BLK	PP069900.D	20 Feb 2025 11:10	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069901.D	20 Feb 2025 12:21	YP\AJ	Ok
2	AR1660CCC500	PP069902.D	20 Feb 2025 12:37	YP\AJ	Ok,M
3	AR1242CCC500	PP069903.D	20 Feb 2025 12:53	YP\AJ	Ok,M
4	AR1248CCC500	PP069904.D	20 Feb 2025 13:10	YP\AJ	Ok,M
5	AR1254CCC500	PP069905.D	20 Feb 2025 13:26	YP\AJ	Ok,M
6	I.BLK	PP069906.D	20 Feb 2025 13:42	YP\AJ	Ok,M
7	Q1392-01	PP069907.D	20 Feb 2025 13:59	YP\AJ	Ok,M
8	Q1393-05	PP069908.D	20 Feb 2025 14:15	YP\AJ	Ok,M
9	Q1390-01	PP069909.D	20 Feb 2025 14:31	YP\AJ	Ok,M
10	PB166799BL	PP069910.D	20 Feb 2025 14:48	YP\AJ	Ok,M
11	PB166799BS	PP069911.D	20 Feb 2025 15:04	YP\AJ	Ok,M
12	PB166799BSD	PP069912.D	20 Feb 2025 15:20	YP\AJ	Ok,M
13	PB166797BL	PP069913.D	20 Feb 2025 15:37	YP\AJ	Ok,M
14	PB166797BS	PP069914.D	20 Feb 2025 15:53	YP\AJ	Ok,M
15	Q1393-01	PP069915.D	20 Feb 2025 16:09	YP\AJ	Ok,M
16	Q1393-03	PP069916.D	20 Feb 2025 16:25	YP\AJ	Ok,M
17	AR1660CCC500	PP069917.D	20 Feb 2025 17:03	YP\AJ	Ok,M
18	AR1242CCC500	PP069918.D	20 Feb 2025 17:19	YP\AJ	Ok,M
19	AR1248CCC500	PP069919.D	20 Feb 2025 17:36	YP\AJ	Ok,M
20	AR1254CCC500	PP069920.D	20 Feb 2025 17:52	YP\AJ	Ok,M
21	I.BLK	PP069921.D	20 Feb 2025 18:08	YP\AJ	Ok,M

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1390-02	PP069922.D	20 Feb 2025 18:24	YP\AJ	Ok,M
23	Q1388-01	PP069923.D	20 Feb 2025 18:41	YP\AJ	Ok,M
24	Q1388-01MS	PP069924.D	20 Feb 2025 18:57	YP\AJ	Ok,M
25	Q1388-01MSD	PP069925.D	20 Feb 2025 19:13	YP\AJ	Ok,M
26	Q1382-01MS	PP069926.D	20 Feb 2025 19:29	YP\AJ	Ok,M
27	Q1382-01MSD	PP069927.D	20 Feb 2025 19:46	YP\AJ	Ok,M
28	Q1382-03RE	PP069928.D	20 Feb 2025 20:02	YP\AJ	Confirms
29	Q1382-05RE	PP069929.D	20 Feb 2025 20:18	YP\AJ	Confirms
30	Q1382-07RE	PP069930.D	20 Feb 2025 20:34	YP\AJ	Confirms
31	Q1382-11RE	PP069931.D	20 Feb 2025 20:50	YP\AJ	Confirms
32	AR1660CCC500	PP069932.D	20 Feb 2025 21:28	YP\AJ	Ok,M
33	AR1242CCC500	PP069933.D	20 Feb 2025 21:45	YP\AJ	Ok,M
34	AR1248CCC500	PP069934.D	20 Feb 2025 22:01	YP\AJ	Ok,M
35	AR1254CCC500	PP069935.D	20 Feb 2025 22:17	YP\AJ	Ok,M
36	I.BLK	PP069936.D	20 Feb 2025 22:33	YP\AJ	Ok,M
37	Q1382-19RE	PP069937.D	20 Feb 2025 22:49	YP\AJ	Confirms
38	Q1383-03RE	PP069938.D	20 Feb 2025 23:06	YP\AJ	Not Ok
39	Q1383-05RE	PP069939.D	20 Feb 2025 23:22	YP\AJ	Not Ok
40	Q1383-07RE	PP069940.D	20 Feb 2025 23:38	YP\AJ	Not Ok
41	Q1383-09RE	PP069941.D	20 Feb 2025 23:54	YP\AJ	Confirms
42	Q1383-13RE	PP069942.D	21 Feb 2025 00:10	YP\AJ	Confirms
43	Q1383-17RE	PP069943.D	21 Feb 2025 00:27	YP\AJ	Confirms
44	Q1383-21RE	PP069944.D	21 Feb 2025 00:43	YP\AJ	Confirms

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 # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1382-09	PP069945.D	21 Feb 2025 00:59	YP\AJ	Ok,M
46	Q1383-11	PP069946.D	21 Feb 2025 01:15	YP\AJ	Ok,M
47	AR1660CCC500	PP069947.D	21 Feb 2025 01:53	YP\AJ	Ok,M
48	AR1242CCC500	PP069948.D	21 Feb 2025 02:09	YP\AJ	Ok,M
49	AR1248CCC500	PP069949.D	21 Feb 2025 02:26	YP\AJ	Ok,M
50	AR1254CCC500	PP069950.D	21 Feb 2025 02:42	YP\AJ	Ok,M
51	I.BLK	PP069951.D	21 Feb 2025 02:58	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 # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069263.D	28 Jan 2025 09:05		YP\AJ	Ok
2	I.BLK	I.BLK	PP069264.D	28 Jan 2025 09:21		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP069265.D	28 Jan 2025 09:37		YP\AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PP069266.D	28 Jan 2025 09:54		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP069267.D	28 Jan 2025 10:10		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP069268.D	28 Jan 2025 10:26		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP069269.D	28 Jan 2025 11:15		YP\AJ	Ok
8	AR1221ICC500	AR1221ICC500	PP069270.D	28 Jan 2025 11:32		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP069271.D	28 Jan 2025 11:48		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP069272.D	28 Jan 2025 12:04		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP069273.D	28 Jan 2025 12:21		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP069274.D	28 Jan 2025 12:37		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP069275.D	28 Jan 2025 12:53		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP069276.D	28 Jan 2025 13:09		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP069277.D	28 Jan 2025 13:26		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP069278.D	28 Jan 2025 13:42		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP069279.D	28 Jan 2025 13:58		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP069280.D	28 Jan 2025 14:15		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 # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP069281.D	28 Jan 2025 14:31		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP069282.D	28 Jan 2025 14:47		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP069283.D	28 Jan 2025 15:04		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP069284.D	28 Jan 2025 15:20		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP069285.D	28 Jan 2025 15:36		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP069286.D	28 Jan 2025 15:53		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP069287.D	28 Jan 2025 16:09		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP069288.D	28 Jan 2025 16:25		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP069289.D	28 Jan 2025 16:42		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP069290.D	28 Jan 2025 16:58		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP069291.D	28 Jan 2025 17:14		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP069292.D	28 Jan 2025 17:30		YP\AJ	Ok,M
31	PP012825ICV500	ICVPP012825	PP069293.D	28 Jan 2025 17:47		YP\AJ	Ok
32	AR1242ICV500	ICVPP012825AR1242	PP069294.D	28 Jan 2025 18:03		YP\AJ	Ok
33	AR1248ICV500	ICVPP012825AR1248	PP069295.D	28 Jan 2025 18:19		YP\AJ	Ok
34	AR1254ICV500	ICVPP012825AR1254	PP069296.D	28 Jan 2025 18:36		YP\AJ	Ok
35	AR1268ICV500	ICVPP012825AR1268	PP069297.D	28 Jan 2025 18:52		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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069826.D	19 Feb 2025 08:10		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069827.D	19 Feb 2025 08:26		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP069828.D	19 Feb 2025 08:47		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP069829.D	19 Feb 2025 09:03		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP069830.D	19 Feb 2025 09:19		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP069831.D	19 Feb 2025 10:11		YP\AJ	Ok,M
7	PB166749BL	PB166749BL	PP069832.D	19 Feb 2025 10:28		YP\AJ	Ok,M
8	PB166750BL	PB166750BL	PP069833.D	19 Feb 2025 10:44		YP\AJ	Ok,M
9	Q1373-02DL2	VDR25992DL2	PP069834.D	19 Feb 2025 11:01	AR1254 Hit	YP\AJ	Ok,M
10	Q1379-01	1A-1B-1C-GRAY-CAUL	PP069835.D	19 Feb 2025 11:17	TCMX high in 1st column	YP\AJ	Ok,M
11	Q1378-03	3A-3B-3C 1985 BUILD	PP069836.D	19 Feb 2025 11:33	DCB high in 2nd column,	YP\AJ	Ok,M
12	PB166770BL	PB166770BL	PP069837.D	19 Feb 2025 13:00		YP\AJ	Ok,M
13	PB166770BS	PB166770BS	PP069838.D	19 Feb 2025 13:16		YP\AJ	Ok,M
14	Q1382-01	OU4-PCS-TC-01-02172	PP069839.D	19 Feb 2025 13:32	AR1254 Hit	YP\AJ	Ok,M
15	Q1382-01MS	OU4-PCS-TC-01-02172	PP069840.D	19 Feb 2025 13:48	DCB high in 2nd column, TCMX high in both column	YP\AJ	Not Ok
16	Q1382-01MSD	OU4-PCS-TC-01-02172	PP069841.D	19 Feb 2025 14:05	will be reanalzyed with MSD	YP\AJ	Not Ok
17	AR1660CCC500	AR1660CCC500	PP069842.D	19 Feb 2025 15:10		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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PP069843.D	19 Feb 2025 15:42		YP\AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PP069844.D	19 Feb 2025 15:58		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP069845.D	19 Feb 2025 16:15		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP069846.D	19 Feb 2025 16:31		YP\AJ	Ok,M
22	Q1382-03	OU4-PCS-TC-02-0217	PP069847.D	19 Feb 2025 16:47	TCMX high in both column	YP\AJ	ReRun
23	Q1382-05	OU4-PCS-TC-03-0217	PP069848.D	19 Feb 2025 17:03	AR1254 Hit, TCMX high in both column	YP\AJ	ReRun
24	Q1382-07	OU4-PCS-TC-04-0217	PP069849.D	19 Feb 2025 17:19	TCMX high in both column	YP\AJ	ReRun
25	Q1382-09	OU4-PCS-TC-05-0217	PP069850.D	19 Feb 2025 17:36	TCMX high in both column, DCB high in 1st column	YP\AJ	Not Ok
26	Q1382-11	OU4-PCS-TC-06-0217	PP069851.D	19 Feb 2025 17:52	AR1254 Hit, TCMX high in both column,	YP\AJ	ReRun
27	Q1382-13	OU4-PCS-TC-07-0217	PP069852.D	19 Feb 2025 18:08	AR1254 Hit, TCMX high in 1st column	YP\AJ	Ok,M
28	Q1382-15	OU4-PCS-TC-08-0217	PP069853.D	19 Feb 2025 18:24		YP\AJ	Ok,M
29	Q1382-17	OU4-PCS-TC-09-0217	PP069854.D	19 Feb 2025 18:40		YP\AJ	Ok,M
30	Q1382-19	OU4-PCS-TC-10-0217	PP069855.D	19 Feb 2025 18:57	TCMX high in both column	YP\AJ	ReRun
31	Q1384-01	OR-03-021823025	PP069856.D	19 Feb 2025 19:13		YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP069857.D	19 Feb 2025 20:18		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP069858.D	19 Feb 2025 20:50		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP069859.D	19 Feb 2025 21:07		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP069860.D	19 Feb 2025 21:23		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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	I.BLK	I.BLK	PP069861.D	19 Feb 2025 21:39		YP\AJ	Ok,M
37	PB166774BL	PB166774BL	PP069862.D	19 Feb 2025 21:55		YP\AJ	Ok,M
38	PB166774BS	PB166774BS	PP069863.D	19 Feb 2025 22:11		YP\AJ	Ok,M
39	Q1385-01	ST-1	PP069864.D	19 Feb 2025 22:28		YP\AJ	Ok,M
40	Q1383-01	OU4-PCS-TC-11-02172	PP069865.D	19 Feb 2025 22:44	AR1254 Hit	YP\AJ	Ok,M
41	Q1383-01MS	OU4-PCS-TC-11-02172	PP069866.D	19 Feb 2025 23:00		YP\AJ	Ok,M
42	Q1383-01MSD	OU4-PCS-TC-11-02172	PP069867.D	19 Feb 2025 23:16	TCMX High in 1st column	YP\AJ	Ok,M
43	Q1383-03	OU4-PCS-TC-12-02172	PP069868.D	19 Feb 2025 23:33	AR1254 Hit, TCMX high in both column,	YP\AJ	ReRun
44	Q1383-05	OU4-PCS-TC-13-02172	PP069869.D	19 Feb 2025 23:49	TCMX high in both column	YP\AJ	ReRun
45	Q1383-07	OU4-PCS-TC-14-02172	PP069870.D	20 Feb 2025 00:05	AR1254 Hit, TCMX high in both column	YP\AJ	ReRun
46	Q1383-09	OU4-PCS-TC-15-02172	PP069871.D	20 Feb 2025 00:21	AR1254 Hit, TCMX high in both column	YP\AJ	ReRun
47	AR1660CCC500	AR1660CCC500	PP069872.D	20 Feb 2025 01:26		YP\AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP069873.D	20 Feb 2025 01:58		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP069874.D	20 Feb 2025 02:15		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP069875.D	20 Feb 2025 02:31		YP\AJ	Ok,M
51	I.BLK	I.BLK	PP069876.D	20 Feb 2025 02:47		YP\AJ	Ok,M
52	Q1383-11	OU4-PCS-TC-16-02172	PP069877.D	20 Feb 2025 03:03	TCMX high in both column, DCB High in 1st column	YP\AJ	Not Ok
53	Q1383-13	OU4-PCS-TC-17-02172	PP069878.D	20 Feb 2025 03:20	TCMX high in both column	YP\AJ	ReRun

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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

54	Q1383-15	OU4-PCS-TC-18-02172	PP069879.D	20 Feb 2025 03:36		YP\AJ	Ok,M
55	Q1383-17	OU4-PCS-TC-19-02172	PP069880.D	20 Feb 2025 03:52	TCMX high in both column	YP\AJ	ReRun
56	Q1383-19	OU4-PCS-TC-20-02172	PP069881.D	20 Feb 2025 04:08		YP\AJ	Ok,M
57	Q1383-21	OU4-CF-15-021725	PP069882.D	20 Feb 2025 04:24	TCMX high in both column	YP\AJ	ReRun
58	Q1377-01	K-1311	PP069883.D	20 Feb 2025 04:41	TCMX high in one column	YP\AJ	Ok,M
59	Q1378-03	3A-3B-3C 1985 BUILD	PP069884.D	20 Feb 2025 04:57	already analyzed	YP\AJ	Not Ok
60	AR1660CCC500	AR1660CCC500	PP069885.D	20 Feb 2025 06:02		YP\AJ	Ok,M
61	AR1242CCC500	AR1242CCC500	PP069886.D	20 Feb 2025 06:34		YP\AJ	Ok,M
62	AR1248CCC500	AR1248CCC500	PP069887.D	20 Feb 2025 06:50		YP\AJ	Ok,M
63	AR1254CCC500	AR1254CCC500	PP069888.D	20 Feb 2025 07:07		YP\AJ	Ok,M
64	I.BLK	I.BLK	PP069889.D	20 Feb 2025 07:23		YP\AJ	Ok,M
65	PB166785BL	PB166785BL	PP069890.D	20 Feb 2025 07:39		YP\AJ	Ok,M
66	PB166785BS	PB166785BS	PP069891.D	20 Feb 2025 07:55		YP\AJ	Ok,M
67	Q1389-01	BC271336-1-1	PP069892.D	20 Feb 2025 08:12	AR1254 Hit	YP\AJ	Ok,M
68	Q1389-02	BC271336-1-2	PP069893.D	20 Feb 2025 08:28	AR1254 Hit	YP\AJ	Ok,M
69	Q1389-03	BC271336-2-1	PP069894.D	20 Feb 2025 08:44		YP\AJ	Ok,M
70	Q1389-04	BC271336-2-2	PP069895.D	20 Feb 2025 09:00		YP\AJ	Ok,M
71	Q1391-01	HIH385R-1-1	PP069896.D	20 Feb 2025 09:16	AR1254 Hit	YP\AJ	Ok,M
72	Q1391-02	HIH385R-1-2	PP069897.D	20 Feb 2025 09:33		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 # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

73	AR1660CCC500	AR1660CCC500	PP069898.D	20 Feb 2025 10:38		YP\AJ	Ok,M
74	AR1254CCC500	AR1254CCC500	PP069899.D	20 Feb 2025 10:54		YP\AJ	Ok,M
75	I.BLK	I.BLK	PP069900.D	20 Feb 2025 11:10		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069901.D	20 Feb 2025 12:21		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069902.D	20 Feb 2025 12:37		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP069903.D	20 Feb 2025 12:53		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP069904.D	20 Feb 2025 13:10		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP069905.D	20 Feb 2025 13:26		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP069906.D	20 Feb 2025 13:42		YP\AJ	Ok,M
7	Q1392-01	435	PP069907.D	20 Feb 2025 13:59		YP\AJ	Ok,M
8	Q1393-05	PURGE-WATER-COMP	PP069908.D	20 Feb 2025 14:15		YP\AJ	Ok,M
9	Q1390-01	3771	PP069909.D	20 Feb 2025 14:31		YP\AJ	Ok,M
10	PB166799BL	PB166799BL	PP069910.D	20 Feb 2025 14:48		YP\AJ	Ok,M
11	PB166799BS	PB166799BS	PP069911.D	20 Feb 2025 15:04		YP\AJ	Ok,M
12	PB166799BSD	PB166799BSD	PP069912.D	20 Feb 2025 15:20		YP\AJ	Ok,M
13	PB166797BL	PB166797BL	PP069913.D	20 Feb 2025 15:37		YP\AJ	Ok,M
14	PB166797BS	PB166797BS	PP069914.D	20 Feb 2025 15:53		YP\AJ	Ok,M
15	Q1393-01	SOIL-COMP	PP069915.D	20 Feb 2025 16:09	AR1254 HIT	YP\AJ	Ok,M
16	Q1393-03	OD-281	PP069916.D	20 Feb 2025 16:25	AR1260 Hit	YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP069917.D	20 Feb 2025 17:03		YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP069918.D	20 Feb 2025 17:19		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 # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP069919.D	20 Feb 2025 17:36		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP069920.D	20 Feb 2025 17:52		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP069921.D	20 Feb 2025 18:08		YP\AJ	Ok,M
22	Q1390-02	3772	PP069922.D	20 Feb 2025 18:24		YP\AJ	Ok,M
23	Q1388-01	72-12016	PP069923.D	20 Feb 2025 18:41		YP\AJ	Ok,M
24	Q1388-01MS	72-12016MS	PP069924.D	20 Feb 2025 18:57		YP\AJ	Ok,M
25	Q1388-01MSD	72-12016MSD	PP069925.D	20 Feb 2025 19:13		YP\AJ	Ok,M
26	Q1382-01MS	OU4-PCS-TC-01-02172	PP069926.D	20 Feb 2025 19:29		YP\AJ	Ok,M
27	Q1382-01MSD	OU4-PCS-TC-01-02172	PP069927.D	20 Feb 2025 19:46		YP\AJ	Ok,M
28	Q1382-03RE	OU4-PCS-TC-02-02172	PP069928.D	20 Feb 2025 20:02	TCMX high in both column	YP\AJ	Confirms
29	Q1382-05RE	OU4-PCS-TC-03-02172	PP069929.D	20 Feb 2025 20:18	AR1254 Hit, TCMX high in both column	YP\AJ	Confirms
30	Q1382-07RE	OU4-PCS-TC-04-02172	PP069930.D	20 Feb 2025 20:34	TCMX high in both column	YP\AJ	Confirms
31	Q1382-11RE	OU4-PCS-TC-06-02172	PP069931.D	20 Feb 2025 20:50	AR1254 Hit, TCMX high in both column,	YP\AJ	Confirms
32	AR1660CCC500	AR1660CCC500	PP069932.D	20 Feb 2025 21:28		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP069933.D	20 Feb 2025 21:45		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP069934.D	20 Feb 2025 22:01		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP069935.D	20 Feb 2025 22:17		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP069936.D	20 Feb 2025 22:33		YP\AJ	Ok,M
37	Q1382-19RE	OU4-PCS-TC-10-02172	PP069937.D	20 Feb 2025 22:49	TCMX high in both column	YP\AJ	Confirms

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 # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q1383-03RE	OU4-PCS-TC-12-02172	PP069938.D	20 Feb 2025 23:06	AR1254 Hit, DCB &TCMX high in both column	YP\AJ	Not Ok
39	Q1383-05RE	OU4-PCS-TC-13-02172	PP069939.D	20 Feb 2025 23:22	surrogate fail	YP\AJ	Not Ok
40	Q1383-07RE	OU4-PCS-TC-14-02172	PP069940.D	20 Feb 2025 23:38	AR1254 Hit, surrogate fail	YP\AJ	Not Ok
41	Q1383-09RE	OU4-PCS-TC-15-02172	PP069941.D	20 Feb 2025 23:54	TCMX high in both column , AR1254 HIT	YP\AJ	Confirms
42	Q1383-13RE	OU4-PCS-TC-17-02172	PP069942.D	21 Feb 2025 00:10	TCMX high in both column	YP\AJ	Confirms
43	Q1383-17RE	OU4-PCS-TC-19-02172	PP069943.D	21 Feb 2025 00:27	TCMX high in both column	YP\AJ	Confirms
44	Q1383-21RE	OU4-CF-15-021725RE	PP069944.D	21 Feb 2025 00:43	TCMX high in both column	YP\AJ	Confirms
45	Q1382-09	OU4-PCS-TC-05-02172	PP069945.D	21 Feb 2025 00:59		YP\AJ	Ok,M
46	Q1383-11	OU4-PCS-TC-16-02172	PP069946.D	21 Feb 2025 01:15		YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP069947.D	21 Feb 2025 01:53		YP\AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP069948.D	21 Feb 2025 02:09		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP069949.D	21 Feb 2025 02:26		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP069950.D	21 Feb 2025 02:42		YP\AJ	Ok,M
51	I.BLK	I.BLK	PP069951.D	21 Feb 2025 02:58		YP\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 02/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134739

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
Q1380-06	BP-VPB-192-GW-725-727	1	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1380-07	Q1380-06MS	2	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1380-08	Q1380-06MSD	3	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1382-01	OU4-PCS-TC-01-021725	4	1.15	8.56	9.71	9.02	91.9	
Q1382-03	OU4-PCS-TC-02-021725	5	1.15	8.59	9.74	9.03	91.7	
Q1382-05	OU4-PCS-TC-03-021725	6	1.15	8.56	9.71	9.06	92.4	
Q1382-07	OU4-PCS-TC-04-021725	7	1.16	8.80	9.96	9.3	92.5	
Q1382-09	OU4-PCS-TC-05-021725	8	1.16	8.65	9.81	9.12	92.0	
Q1382-11	OU4-PCS-TC-06-021725	9	1.12	8.76	9.88	9.2	92.2	
Q1382-13	OU4-PCS-TC-07-021725	10	1.11	8.67	9.78	9.1	92.2	
Q1382-15	OU4-PCS-TC-08-021725	11	1.19	8.61	9.8	9.16	92.6	
Q1382-17	OU4-PCS-TC-09-021725	12	1.14	8.66	9.8	9.16	92.6	
Q1382-19	OU4-PCS-TC-10-021725	13	1.14	8.84	9.98	9.4	93.4	
Q1383-01	OU4-PCS-TC-11-021725	14	1.17	8.74	9.91	9.26	92.6	
Q1383-03	OU4-PCS-TC-12-021725	15	1.15	8.73	9.88	9.2	92.2	
Q1383-05	OU4-PCS-TC-13-021725	16	1.12	8.76	9.88	9.22	92.5	
Q1383-07	OU4-PCS-TC-14-021725	17	1.18	8.58	9.76	9.08	92.1	
Q1383-09	OU4-PCS-TC-15-021725	18	1.13	8.77	9.9	9.24	92.5	
Q1383-11	OU4-PCS-TC-16-021725	19	1.16	8.61	9.77	9.09	92.1	
Q1383-13	OU4-PCS-TC-17-021725	20	1.19	8.58	9.77	9.03	91.4	
Q1383-15	OU4-PCS-TC-18-021725	21	1.15	8.60	9.75	9.05	91.9	
Q1383-17	OU4-PCS-TC-19-021725	22	1.15	8.84	9.99	9.29	92.1	
Q1383-19	OU4-PCS-TC-20-021725	23	1.13	8.67	9.8	9.12	92.2	
Q1383-21	OU4-CF-15-021725	24	1.16	8.50	9.66	9.02	92.5	
Q1384-01	OR-03-021823025	25	1.15	8.81	9.96	8.96	88.6	
Q1384-02	OR-03-021823025-E2	26	1.17	8.82	9.99	9.04	89.2	
Q1385-01	ST-1	27	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1385-02	ST-1-E2	28	1.00	1.00	2.00	2.00	100.0	CONCRETE sample

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 02/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134739

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

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

WORKLIST(Hardcopy Internal Chain)

VB 134739

WorkList Name : %1-021825 **WorkList ID :** 187742 **Department :** Wet-Chemistry **Date :** 02-18-2025 08:35:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1380-06	BP-VPB-192-GW-725-727	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1380-07	Q1380-06MS	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1380-08	Q1380-06MSD	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1382-01	OU4-PCS-TC-01-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-03	OU4-PCS-TC-02-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-05	OU4-PCS-TC-03-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-07	OU4-PCS-TC-04-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-09	OU4-PCS-TC-05-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-11	OU4-PCS-TC-06-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-13	OU4-PCS-TC-07-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-15	OU4-PCS-TC-08-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-17	OU4-PCS-TC-09-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-19	OU4-PCS-TC-10-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-01	OU4-PCS-TC-11-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-03	OU4-PCS-TC-12-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-05	OU4-PCS-TC-13-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-07	OU4-PCS-TC-14-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-09	OU4-PCS-TC-15-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-11	OU4-PCS-TC-16-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-13	OU4-PCS-TC-17-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-15	OU4-PCS-TC-18-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO

Date/Time 02/18/25 15:00

Raw Sample Received by: TB [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 02/18/25 17:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

VB1347 39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-021825 **WorkList ID :** 187742 **Department :** Wet-Chemistry **Date :** 02-18-2025 08:35:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1383-17	OU4-PCS-TC-19-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-19	OU4-PCS-TC-20-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-21	OU4-CF-15-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1384-01	OR-03-021823025	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/18/2025	Chemtech -SO
Q1384-02	OR-03-021823025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/18/2025	Chemtech -SO
Q1385-01	ST-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H21	02/18/2025	Chemtech -SO
Q1385-02	ST-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H21	02/18/2025	Chemtech -SO

Date/Time 02/18/25 15:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 02/18/25 17:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166770

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	02/19/2025
Matrix :	Solid			**Extraction Start Time :**	08:10
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	02/19/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:10
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	rajesh

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	PP24093
Surrogate	1.0ML	200 PPB	PP24123
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 /9:1	N/A	EP2583
Baked Na2SO4	N/A	EP2589
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
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:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/19/25	RP (Ext. Lab)	Pest/PCB Lab
11:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166770

Analytical Method: M3541-ASE Extraction-14 **Concentration Date:** 02/19/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166770BL	ABLK770	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB166770BS	ALCS770	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1382-01	OU4-PCS-TC-01-021725	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q1382-01MS	OU4-PCS-TC-01-021725MS	PCB	30.03	N/A	ritesh	Evelyn	10	E		4
Q1382-01MSD	OU4-PCS-TC-01-021725MSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		5
Q1382-03	OU4-PCS-TC-02-021725	PCB	30.10	N/A	ritesh	Evelyn	10	E		6
Q1382-05	OU4-PCS-TC-03-021725	PCB	30.08	N/A	ritesh	Evelyn	10	E		U3-1
Q1382-07	OU4-PCS-TC-04-021725	PCB	30.02	N/A	ritesh	Evelyn	10	E		2
Q1382-09	OU4-PCS-TC-05-021725	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q1382-11	OU4-PCS-TC-06-021725	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q1382-13	OU4-PCS-TC-07-021725	PCB	30.03	N/A	ritesh	Evelyn	10	E		5
Q1382-15	OU4-PCS-TC-08-021725	PCB	30.06	N/A	ritesh	Evelyn	10	E		6
Q1382-17	OU4-PCS-TC-09-021725	PCB	30.02	N/A	ritesh	Evelyn	10	E		U4-1
Q1382-19	OU4-PCS-TC-10-021725	PCB	30.07	N/A	ritesh	Evelyn	10	E		2
Q1384-01	OR-03-021823025	PCB	30.05	N/A	ritesh	Evelyn	10	D		3
Q1385-01	ST-1	PCB	30.01	N/A	ritesh	Evelyn	10	D	Concrete	4

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

2/19/25

8:10
16GT7D

WORKLIST(Hardcopy Internal Chain)

WorkList Name : q1382p **WorkList ID :** 187759 **Department :** Extraction **Date :** 02-19-2025 08:01:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1382-01	OU4-PCS-TC-01-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-03	OU4-PCS-TC-02-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-05	OU4-PCS-TC-03-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-07	OU4-PCS-TC-04-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-09	OU4-PCS-TC-05-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-11	OU4-PCS-TC-06-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-13	OU4-PCS-TC-07-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-15	OU4-PCS-TC-08-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-17	OU4-PCS-TC-09-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1382-19	OU4-PCS-TC-10-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1384-01	OR-03-021823025	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1385-01	ST-1	Solid	PCB	Cool 4 deg C	PSEG05	N41	02/18/2025	8082A
					PSEG03	H21	02/18/2025	8082A

568 of 1583

Date/Time 02/19/25 8:05
Raw Sample Received by: RJ (Ext Tech)
Raw Sample Relinquished by:

Date/Time 02/19/25 8:30
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext Tech)

Q1382-PCB

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

Prep Standard - Chemical Standard Summary

Order ID : Q1382

Test : PCB

Prepbatch ID : PB166770,

Sequence ID/Qc Batch ID: PP021925,PP022025,

Standard ID :
EP2565,EP2583,EP2589,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24093,PP24123,

Chemical ID :
E2865,E3551,E3804,E3805,E3825,E3843,E3846,E3872,E3873,E3877,M5173,P10483,P10500,P 11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12957,P13033,P13350,P13353,P13372,W3112,

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	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2583	02/04/2025	07/29/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 02/04/2025

FROM 8000.00000ml of E3872 + 8000.00000ml of E3873 = Final Quantity: 8000.000 ml

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2589	02/14/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 02/14/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = 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	PP23735	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP23736	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23735 = 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	PP23737	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP23738	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23735 = 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	PP23739	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23737 = 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	PP23740	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = 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	PP23741	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP23742	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23740 = 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	PP23743	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP23744	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23742 = 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	PP23745	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP23747	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23745 = 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	PP23748	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP23749	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23745 = 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	PP23750	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23748 = 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	PP23751	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = 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	PP23752	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP23753	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23751 = 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	PP23754	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP23755	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23753 = 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	PP23756	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP23757	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23756 = 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	PP23758	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP23759	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23756 = 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	PP23760	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23758 = 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	PP23761	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = 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	PP23762	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP23763	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23761 = 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	PP23764	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP23765	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23763 = 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	PP23766	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP23767	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23766 = 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	PP23768	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP23769	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23766 = 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	PP23770	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23768 = 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	PP23771	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = 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	PP23772	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP23773	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23771 = 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	PP23774	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP23775	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23773 = 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	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12947 + 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	PP23777	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = 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	PP23778	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23777 = 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)	PP23779	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = 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
3790	AR1221 500 PPB ICV(AGILENT)	PP23780	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23779 = 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	PP23781	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = 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
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23782	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP23783	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23781 = 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
1891	AR1242 500 PPB ICV	PP23784	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23782 = 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	PP23785	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = 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	PP23786	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23785 = 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	PP23787	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = 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	PP23788	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23787 = 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	PP23789	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = 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	PP23790	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23789 = 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	PP23946	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = 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	PP23947	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 0.50000ml of E3825 + 0.50000ml of PP23946 = 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	PP24093	12/20/2024	04/03/2025	Ankita Jodhani	None	None	Yogesh Patel 01/16/2025

FROM 0.50000ml of P12947 + 99.50000ml of E3843 = 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	PP24123	01/20/2025	06/26/2025	Abdul Mirza	None	None	Ankita Jodhani 01/20/2025

FROM 1.00000ml of P13353 + 999.00000ml of E3846 = 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 #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	06/30/2025	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

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	07/01/2025	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)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

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	11/06/2025	11/06/2024 / Rajesh	11/01/2024 / Rajesh	E3825

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	06/05/2025	12/05/2024 / Rajesh	12/05/2024 / Rajesh	E3843

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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

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	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3872

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	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3873

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)	235898	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-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

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	A0163157	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Abdul	P10483

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	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0167722	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Ankita	P10500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11507

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11512

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	05/07/2025	11/07/2024 / Ankita	02/21/2022 / Ankita	P11521

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	A0175456	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11581

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	A0173309	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11587

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	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11590

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	A0181782	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11597

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	04/03/2025	10/03/2024 / Ankita	08/07/2023 / Ankita	P12698

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	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12929

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	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12934

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12947

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.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	90165 / Aroclor 1262	112322	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P13033

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	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

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	07/20/2025	01/20/2025 / Abdul	04/22/2024 / Abdul	P13353

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	04/03/2025	10/03/2024 / Ankita	05/02/2024 / Ankita	P13372

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

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

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

E 2865

James T Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

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

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	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	0.4 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

Recd by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

avantor™ | J.T.Baker®

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

E3825

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

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

Recd. by RP on 12/5/24

E 3843

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

Recd by RP on 12/13/24

E 3846

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.: 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

Recd by RP on 1/29/25

E3872

Jamie Croak
Director Quality Operations, Bioscience Production

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

Recd. by RP on 1/29/25

E 3873

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

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	02/23/2024
Lot Number	235898		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Feb/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	73
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	0.670
EVAPORATION RESIDUE	ppm	<= 1	0.3
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.64
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.16
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.06
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.002
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.380
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.

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Material No.: 9530-33
Batch No.: 0000281827

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

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

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

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.:** A0163157

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 : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016		1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2	(Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%			+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260		1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5	(Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%			+/- 41.7282	µg/mL	Stressed

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

P 10476
&
P 10480

AR
02/19/21

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

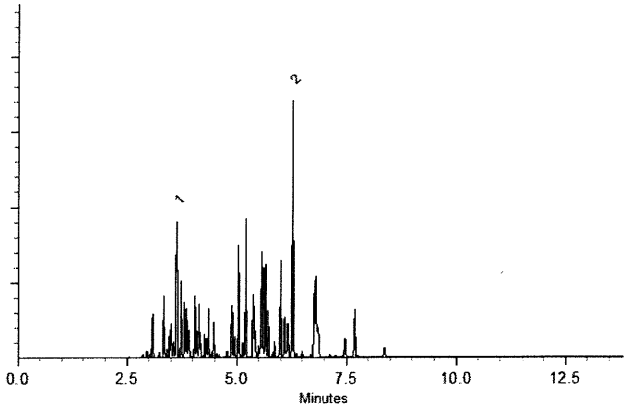
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

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

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0167722

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, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262		1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5	(Lot 10849100)		+/- 31.8340	µg/mL	Unstressed
	Purity ----%			+/- 41.5787	µg/mL	Stressed

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

P10496
J
P10500

AJ
09/19/21

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

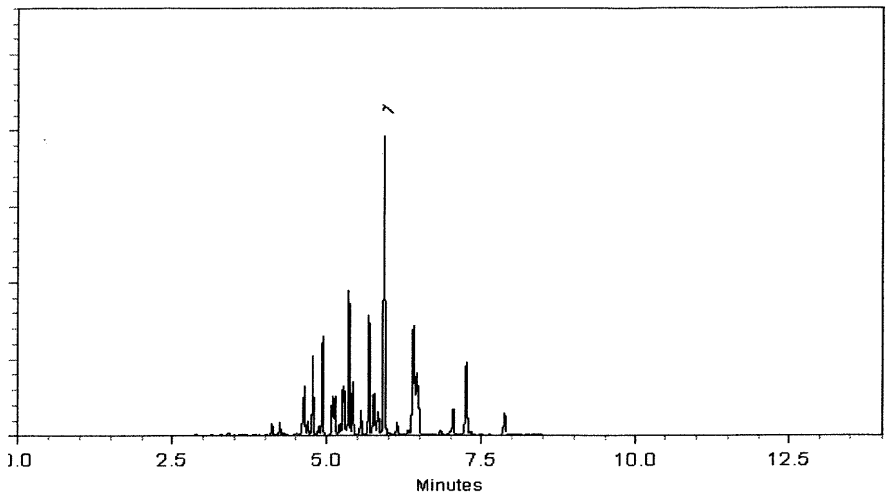
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

Date Passed: 05-Jan-2021

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

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 20ºC to 25ºC 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.

P11533 + P11537

AJ 02/21/22

ISO 17034

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 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
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY

ISO 17025
Cert No. AT-

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1248 Standard	**Lot Number:**	0006626997
Product Number:	PP-342-1	**Lot Issue Date:**	17-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	30-Sep-2025

	CERTIFIED VALUES				
Component Name	Concentration		Expanded 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 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.

P11508 → P11512

AJ
12/21/22

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 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
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY

ISO 17025 Cert
No. AT-1937

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

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

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.:** A0175456

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, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516 µg/mL	Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706 µg/mL	Unstressed
	Purity ----%		+/- 41.4958 µg/mL	Stressed

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

P 11578 (S)
↓
P 11582

AR
04/30/22

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

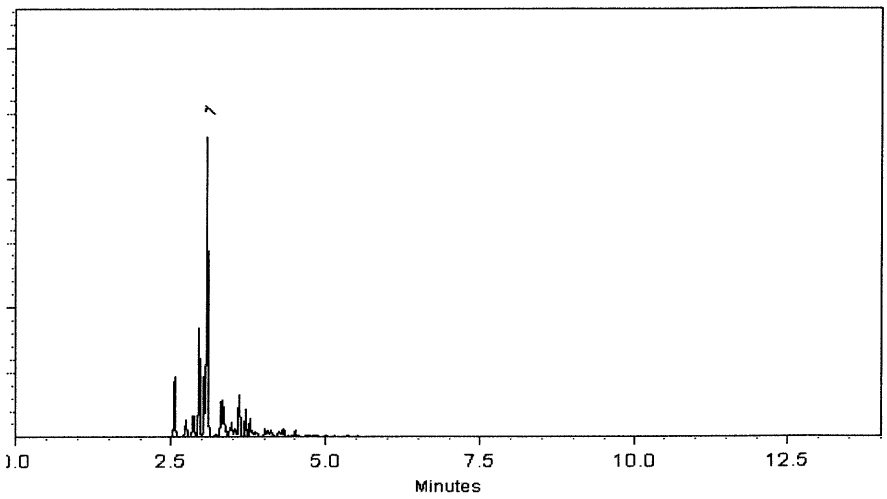
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

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

P11578 ↓ P11582 (5)

AR 04/30/22

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

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

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

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL	Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL	Unstressed
	Purity ----%		+/- 41.4544 µg/mL	Stressed

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

P11583 ↓ P11597 (S)

AR 04/30/22

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

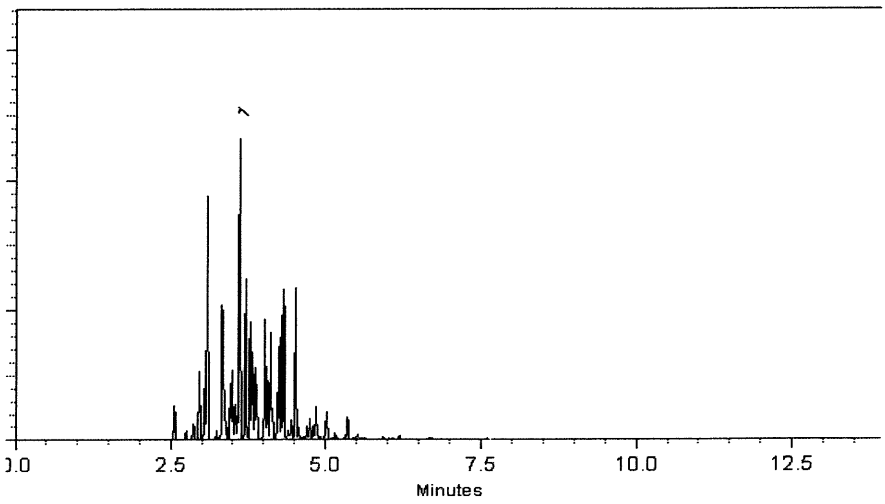
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

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

P11583 ↓ P11587 | (5)

AR 04/30/22

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

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

P11588 ↓ P11592

AR 04/30/2022

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

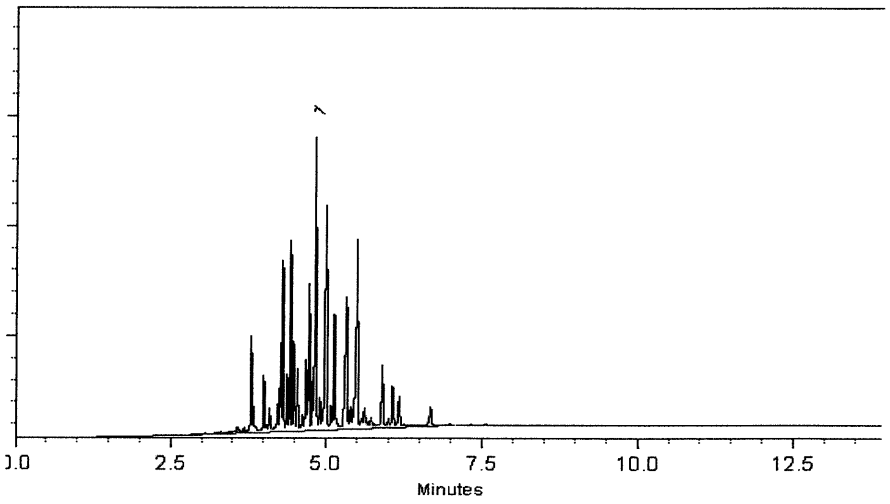
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

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

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

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

P11588 | (5)
1
P11592

AR
04/30/22

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0181782

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, 2028 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1268	1,001.4 µg/mL	+/- 5.9480	µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516	µg/mL	Unstressed
	Purity ----%		+/- 41.4710	µg/mL	Stressed

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

P 11593 (5)
↓
P 11597

AR 04/30/2022

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

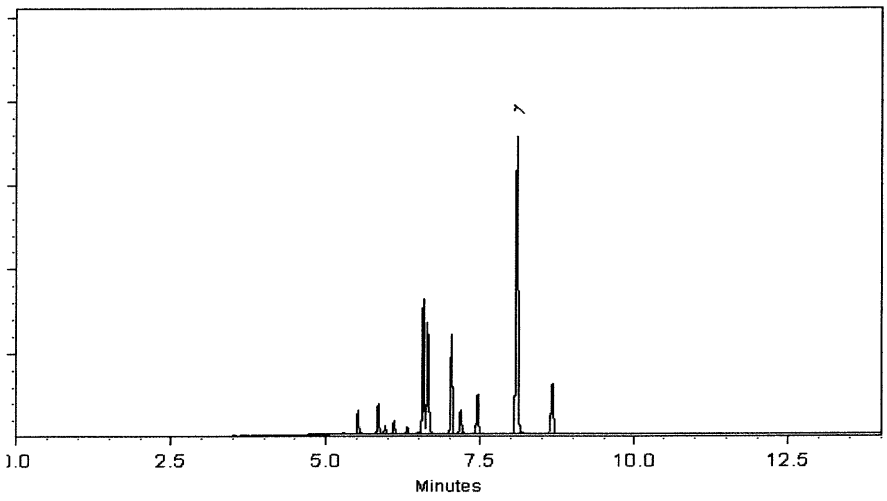
Carrier Gas:
helium-constant pressure 20 psi.

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

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

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

P 11593 (5)
↓
P 11597
04/30/2022

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

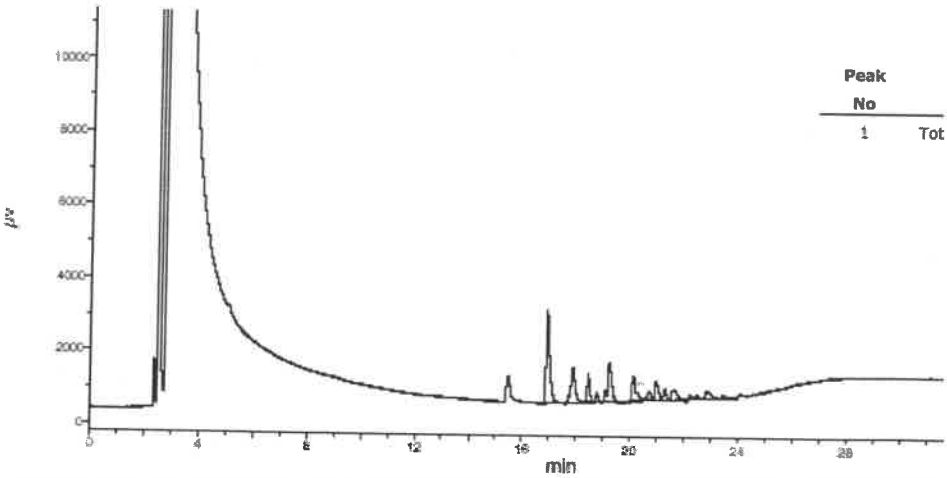
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

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

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	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.)

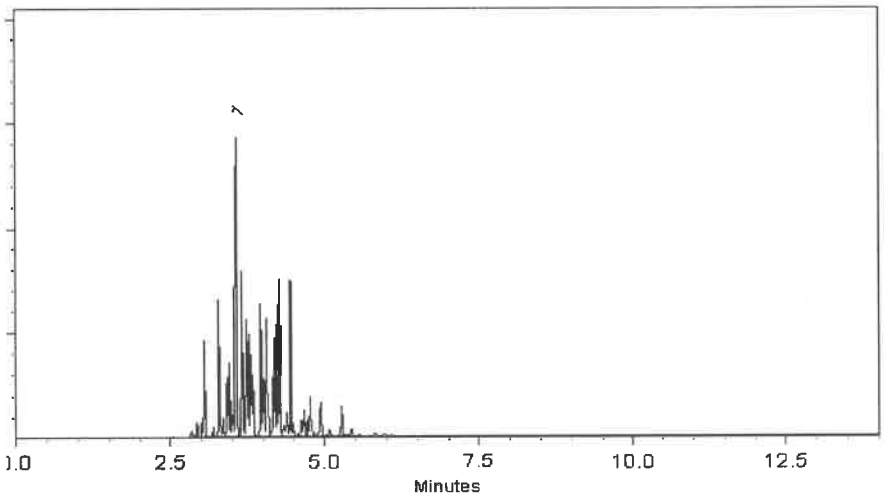
Inj. Temp:
250°C

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.)

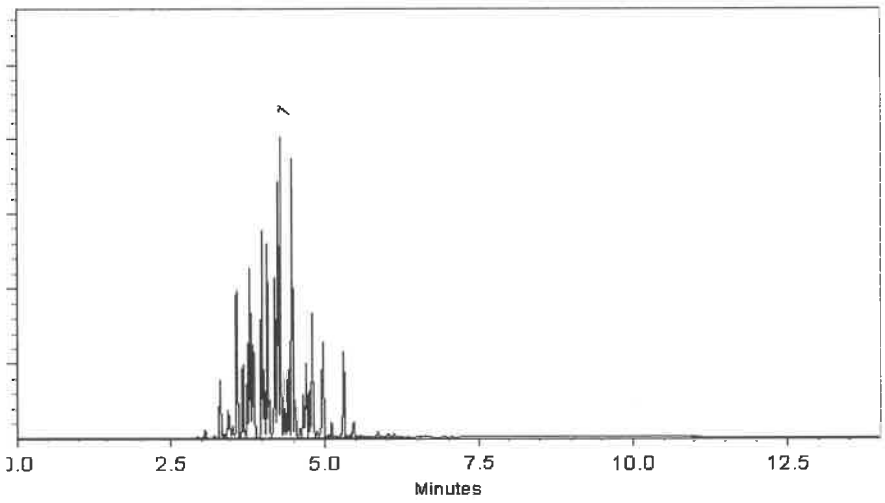
Inj. Temp:
250°C

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

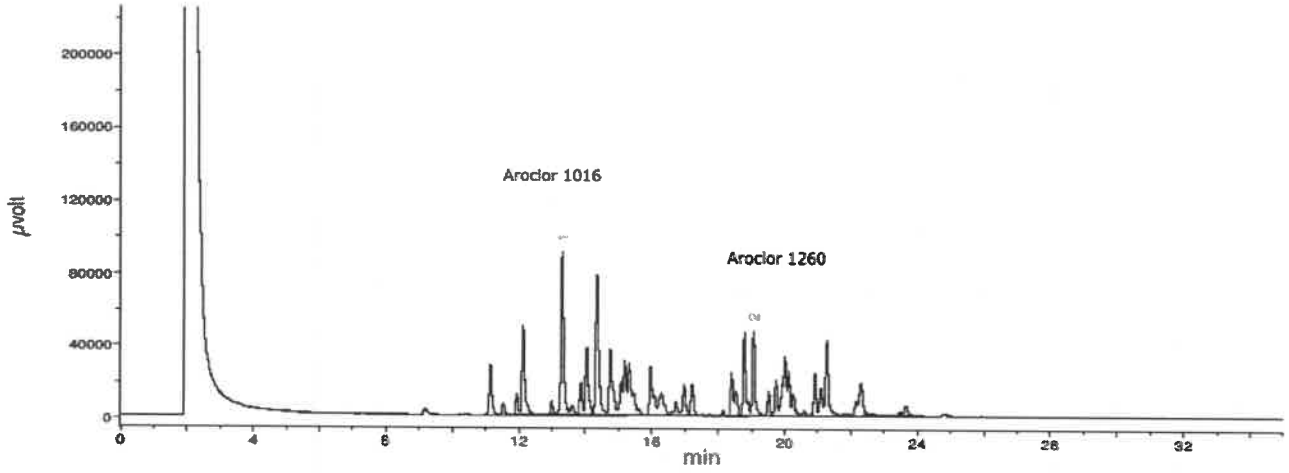
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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: 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

Note: Aroclor 1254 is a mix of isomers.

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

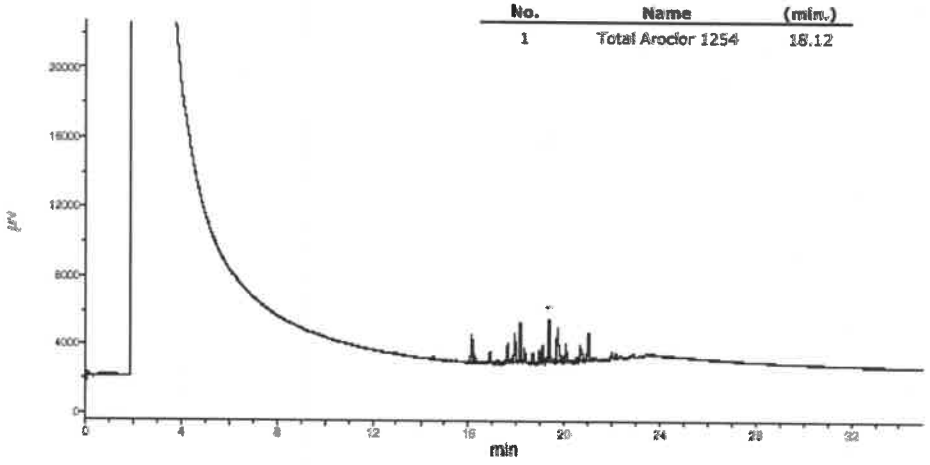
P12956 & P12957 Y-P 12/20/23

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

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



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: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

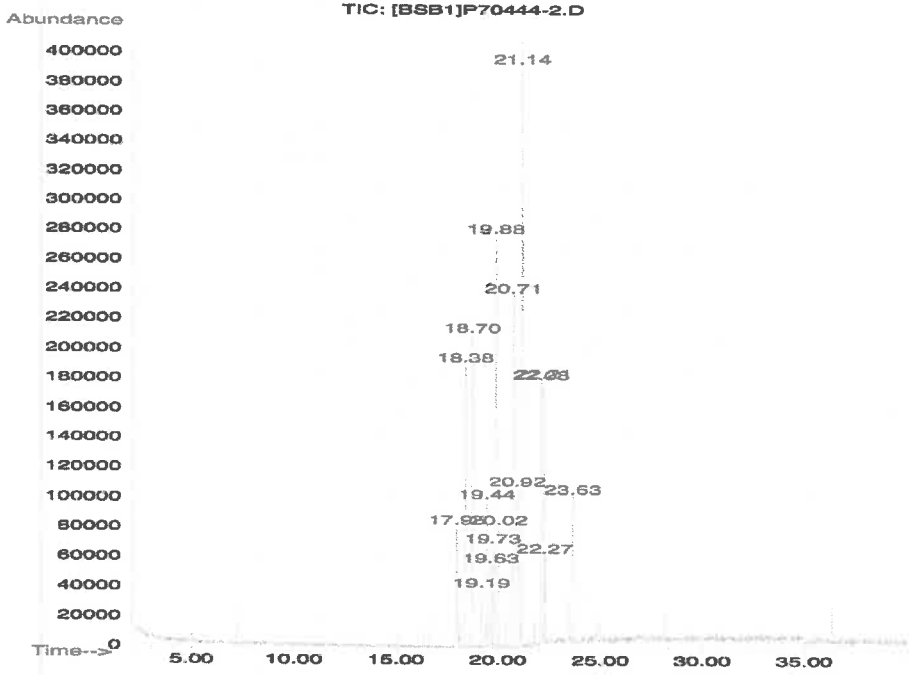
5E-05 Balance Uncertainty
Weight(s) shown below were combined and diluted to (mL): 50.0 0.005 Flask Uncertainty

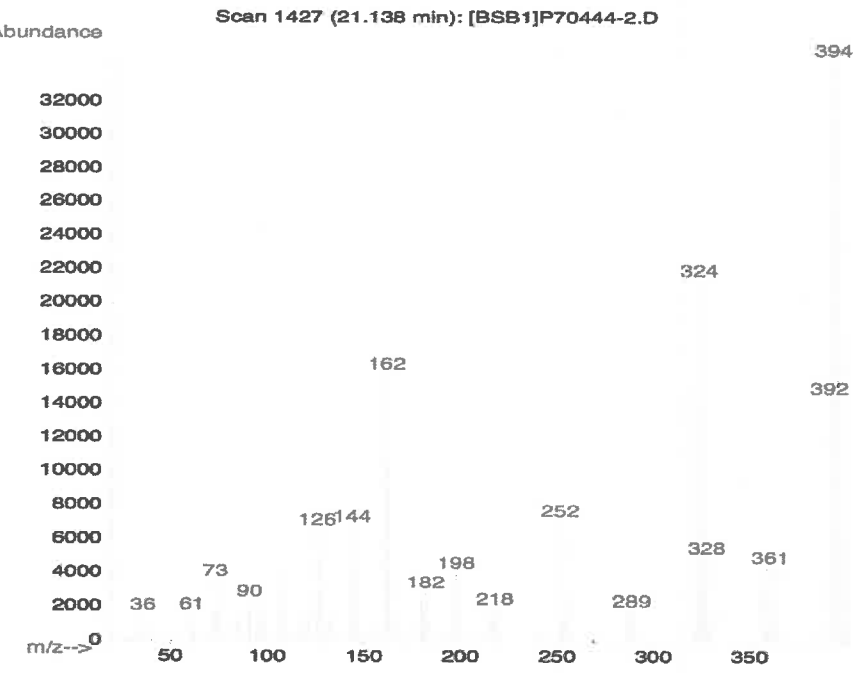
Formulated By:	Prashant Chauhan	112322 DATE
Reviewed By:	Pedro L. Rentas	112322 DATE

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 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P 12/21/23





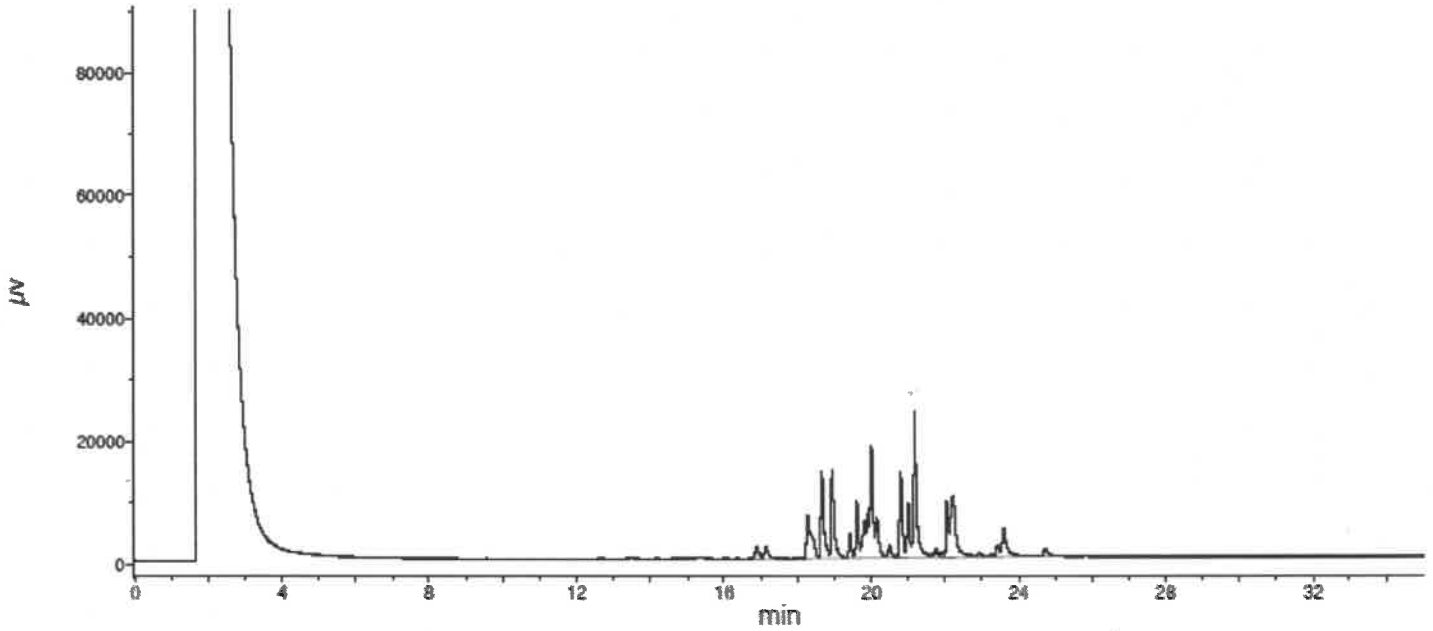
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, 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).

Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

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



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.)

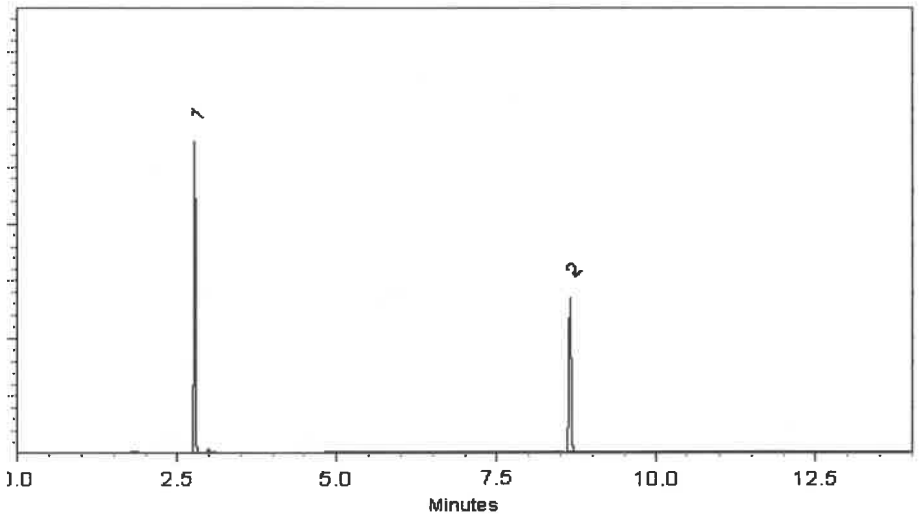
Inj. Temp:
250°C

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

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (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.)

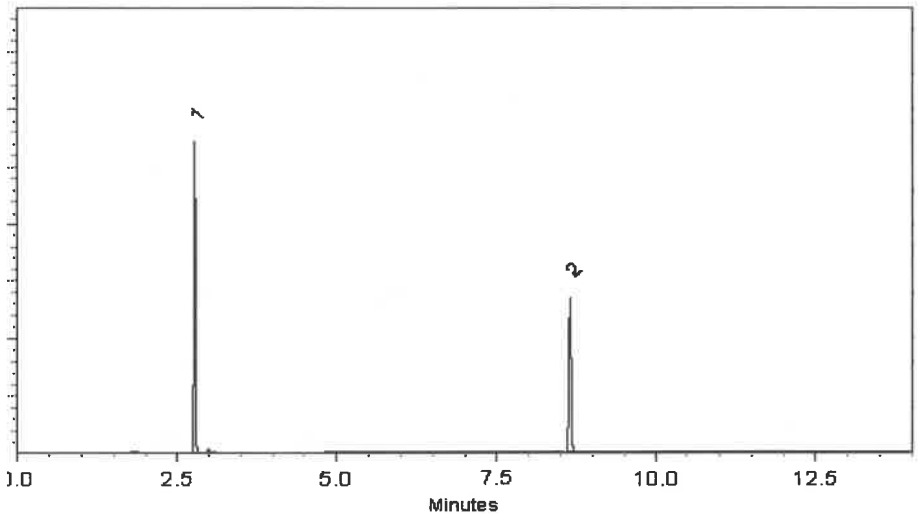
Inj. Temp:
250°C

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**

SHIPPING DOCUMENTS

Q1382

Chemtech

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

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 4_01/08/2020

Page __1__ of __2__

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	A. Brittingham

Requested Turnaround Time
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020	
	OU4-PCS-TC-01-021725	2/17/25	8:30	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-02-021725	2/17/25	8:35	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-03-021725	2/17/25	8:40	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-04-021725	2/17/25	8:45	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-05-021725	2/17/25	8:50	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-06-021725	2/17/25	8:55	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-07-021725	2/17/25	9:00	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-08-021725	2/17/25	9:05	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-09-021725	2/17/25	9:10	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-10-021725	2/17/25	9:15	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)
_____

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 2/17/25 1200
Received by: (signature)	Date/Time: 2-18-25 1025
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments:
If Cont 1
3.1°C

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1382 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 2/18/2025 10:57:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 2/18/2025 10:25:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1382-01	OU4-PCS-TC-01-021725	Solid	02/17/2025	08:30					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-03	OU4-PCS-TC-02-021725	Solid	02/17/2025	08:35					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-05	OU4-PCS-TC-03-021725	Solid	02/17/2025	08:40					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-07	OU4-PCS-TC-04-021725	Solid	02/17/2025	08:45					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-09	OU4-PCS-TC-05-021725	Solid	02/17/2025	08:50					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-11	OU4-PCS-TC-06-021725	Solid	02/17/2025	08:55					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-13	OU4-PCS-TC-07-021725	Solid	02/17/2025	09:00					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-15	OU4-PCS-TC-08-021725	Solid	02/17/2025	09:05					

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1382 NOBI03
Client Name : Nobis Group
Client Contact : Adam Roy
Invoice Name : Nobis Group
Invoice Contact : Adam Roy

Order Date : 2/18/2025 10:57:00 AM
Project Name : Raymark Superfund Site
Receive DateTime : 2/18/2025 10:25:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EQUIS
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D		10 Bus. Days
Q1382-17	OU4-PCS-TC-09-021725	Solid	02/17/2025	09:10					
					VOCMS Group3		8260D		10 Bus. Days
Q1382-19	OU4-PCS-TC-10-021725	Solid	02/17/2025	09:15					
					VOCMS Group3		8260D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 2-18-25 1245

Received By : [signature]
Date / Time : 02/18/25

Storage Area : VOA Refridgerator Room

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
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: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	143.0E6	93147739	96.885	101.139
2)	SA Decachlor...	10.279	8.911	106.9E6	108.2E6	95.517	98.966
	Target Compounds						
3)	L1 AR-1016-1	5.691	4.934	44563885	31633685	950.609	971.631
4)	L1 AR-1016-2	5.712	4.953	66115347	44031797	966.786	967.963
5)	L1 AR-1016-3	5.775	5.131	39869399	24261336	946.084	973.363
6)	L1 AR-1016-4	5.872	5.172	33707176	19438184	957.224	961.363
7)	L1 AR-1016-5	6.166	5.388	32090736	25297814	955.618	965.361
31)	L7 AR-1260-1	7.286	6.428	55810838	45562804	952.907	961.155
32)	L7 AR-1260-2	7.540	6.616	71849008	56383179	954.186	948.637
33)	L7 AR-1260-3	7.899	6.771	59639386	52562549	962.013	960.087
34)	L7 AR-1260-4	8.124	7.244	61734973	44924385	955.078	971.004
35)	L7 AR-1260-5	8.445	7.484	125.1E6	110.5E6	959.591	990.648

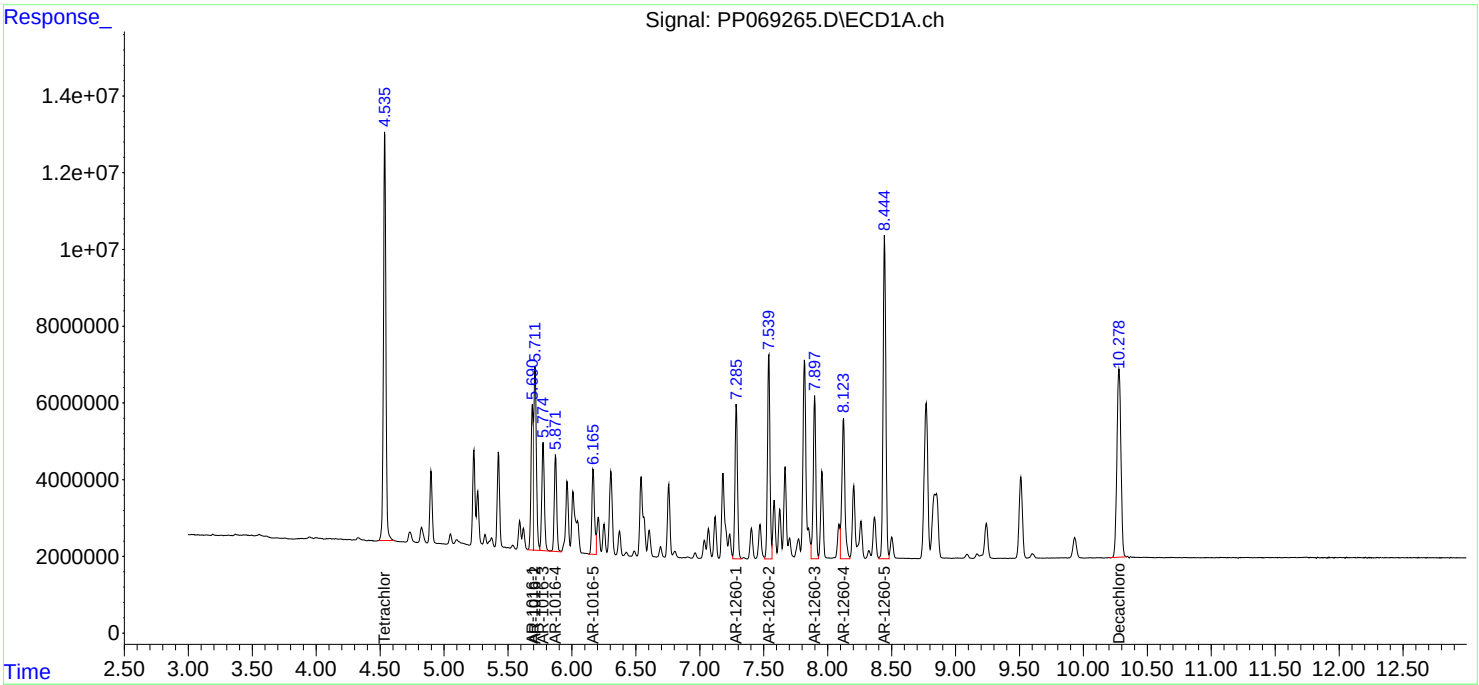
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

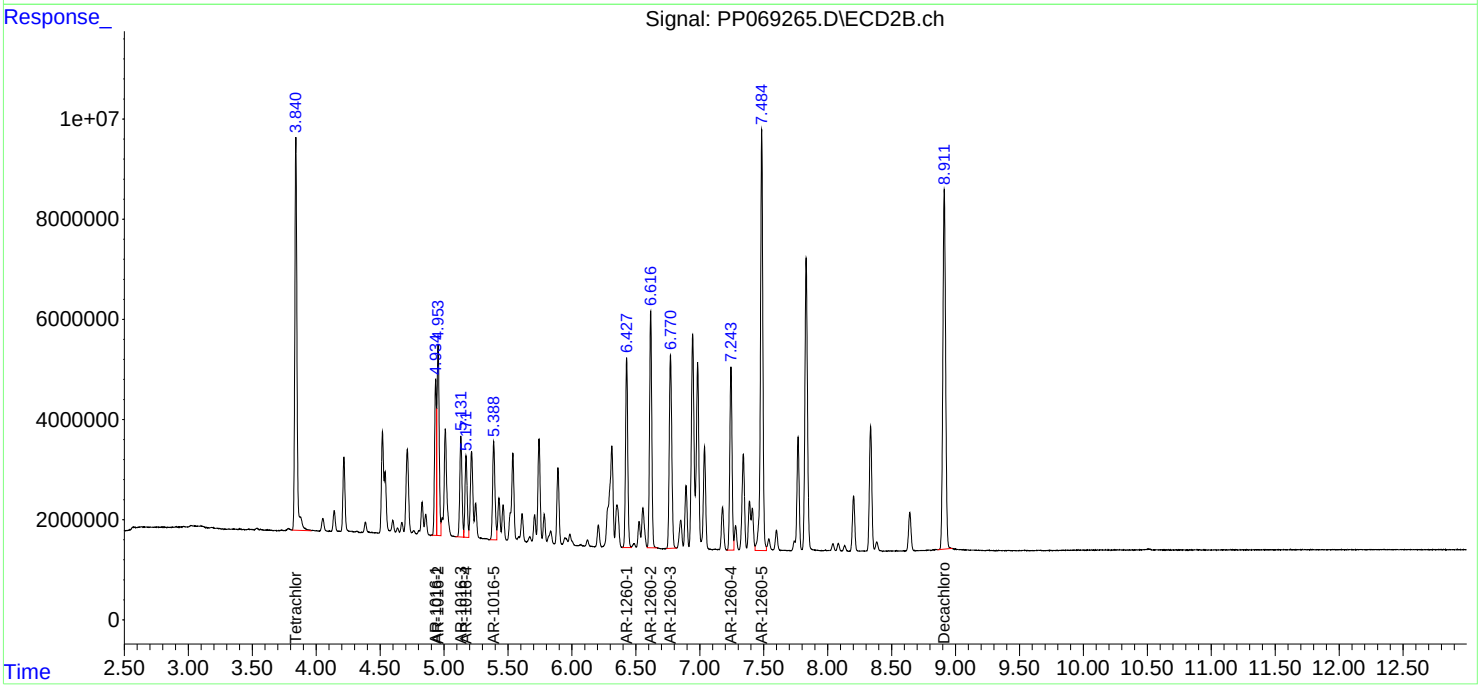
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

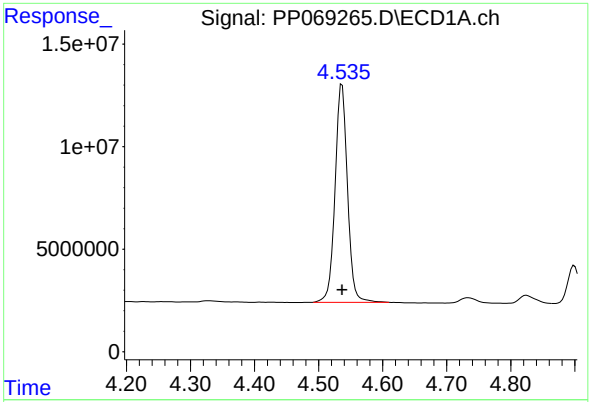
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



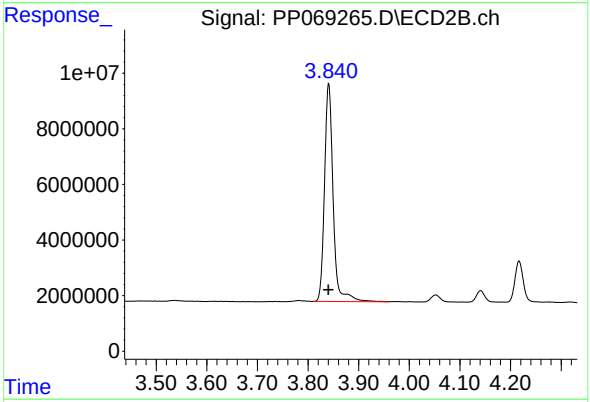




#1 Tetrachloro-m-xylene

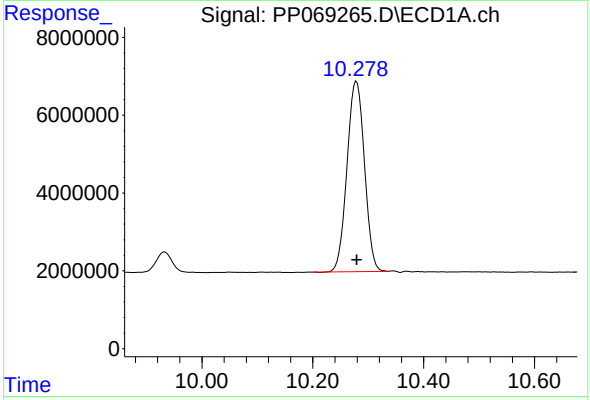
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 143047326
Conc: 96.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



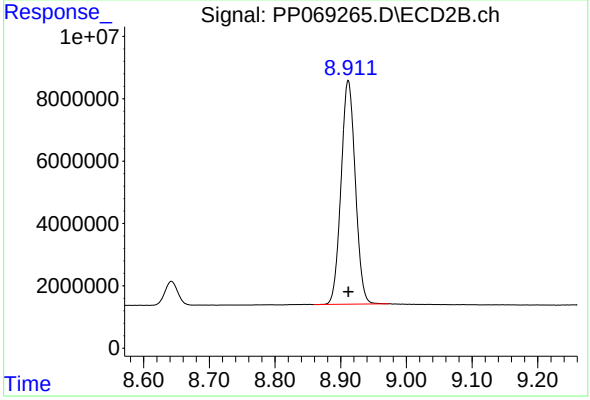
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 93147739
Conc: 101.14 ng/ml



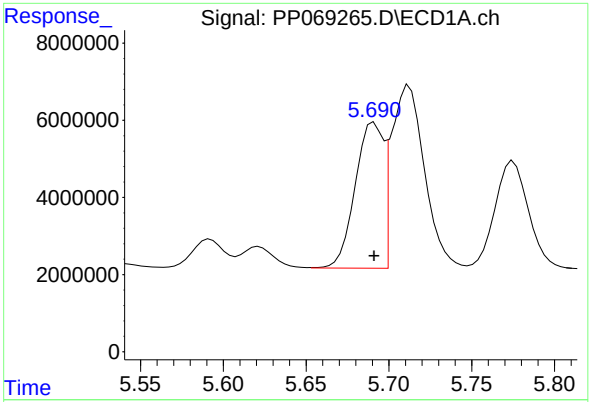
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 106916616
Conc: 95.52 ng/ml



#2 Decachlorobiphenyl

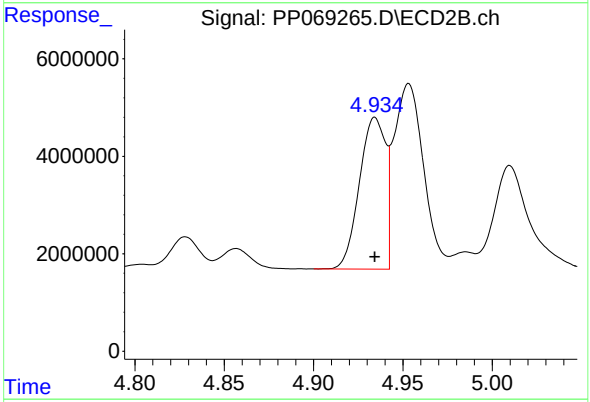
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 108164874
Conc: 98.97 ng/ml



#3 AR-1016-1

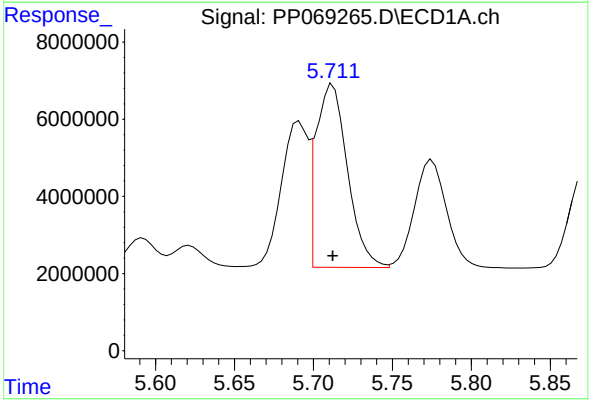
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 44563885
Conc: 950.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



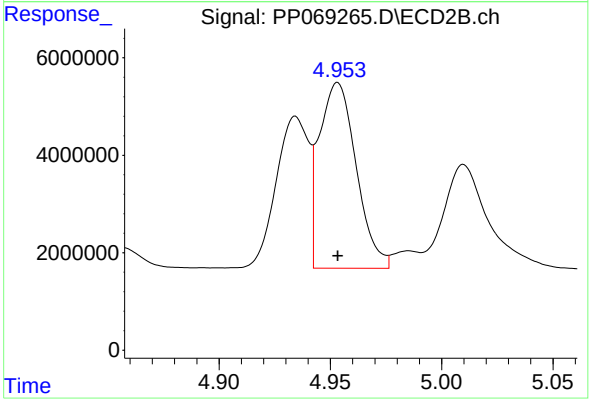
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 31633685
Conc: 971.63 ng/ml



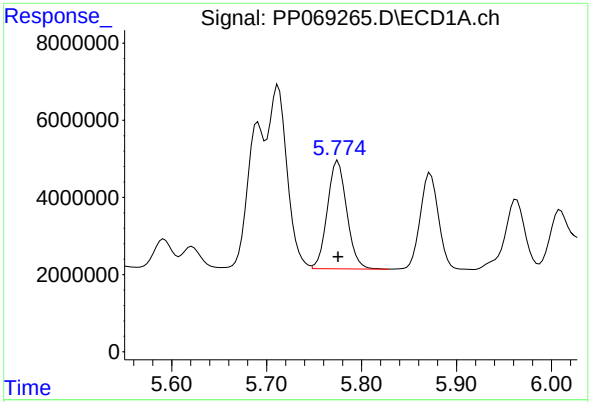
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 66115347
Conc: 966.79 ng/ml



#4 AR-1016-2

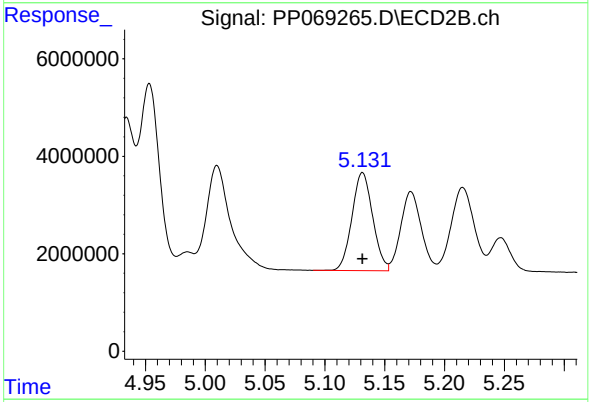
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 44031797
Conc: 967.96 ng/ml



#5 AR-1016-3

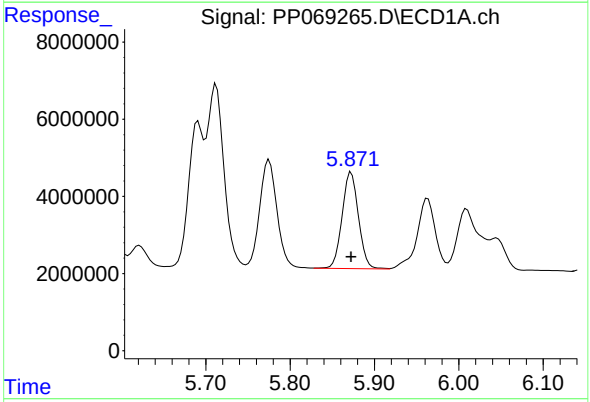
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 39869399
Conc: 946.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



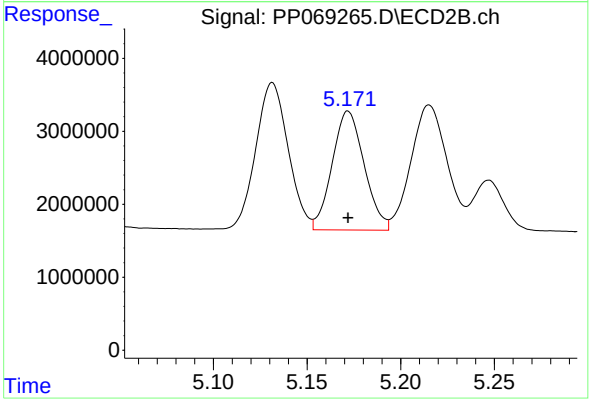
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 24261336
Conc: 973.36 ng/ml



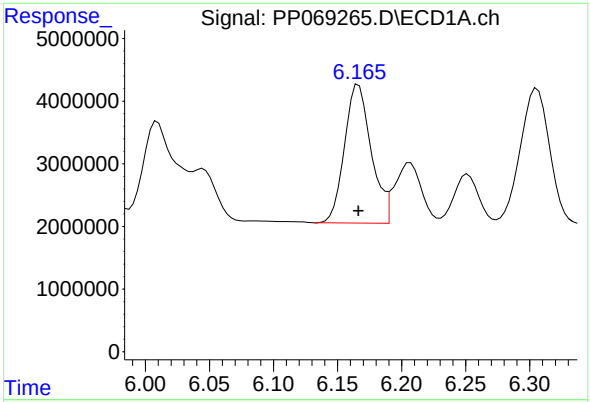
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 33707176
Conc: 957.22 ng/ml



#6 AR-1016-4

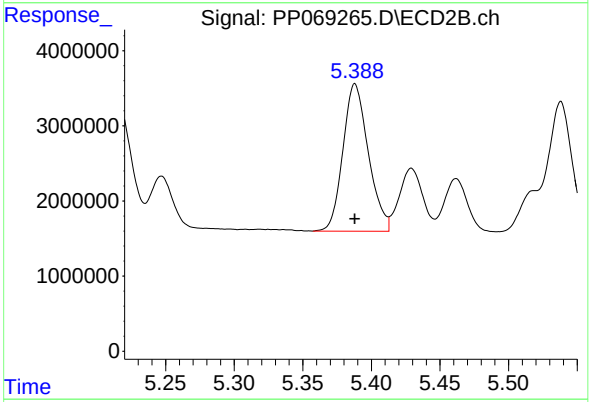
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19438184
Conc: 961.36 ng/ml



#7 AR-1016-5

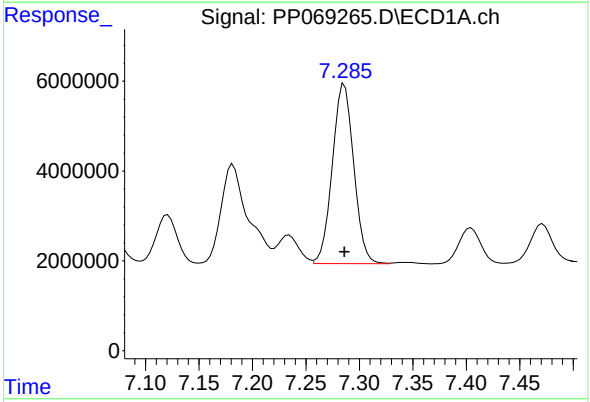
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 32090736
Conc: 955.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



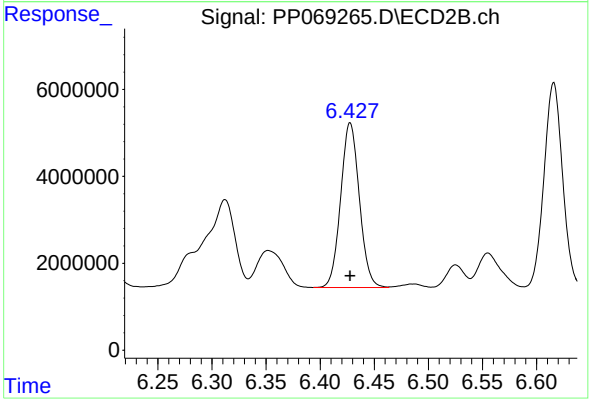
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25297814
Conc: 965.36 ng/ml



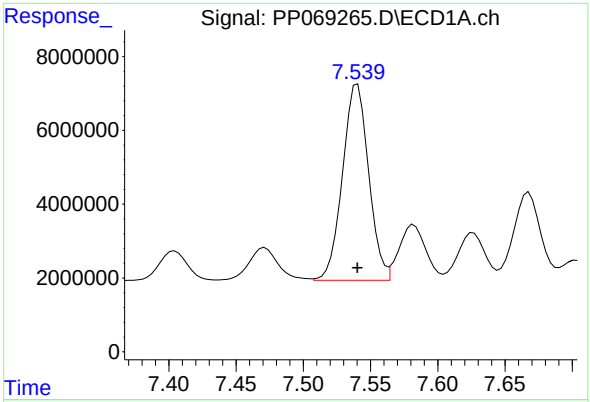
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 55810838
Conc: 952.91 ng/ml



#31 AR-1260-1

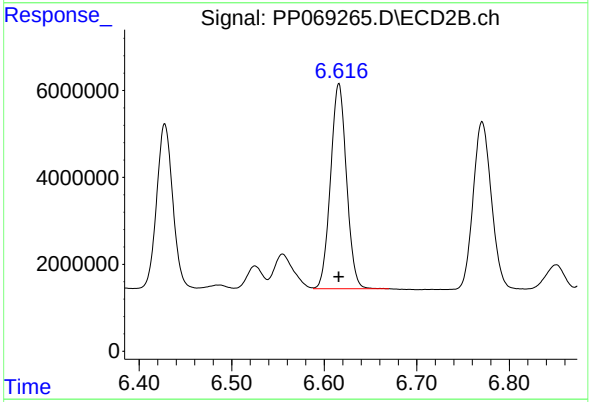
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 45562804
Conc: 961.15 ng/ml



#32 AR-1260-2

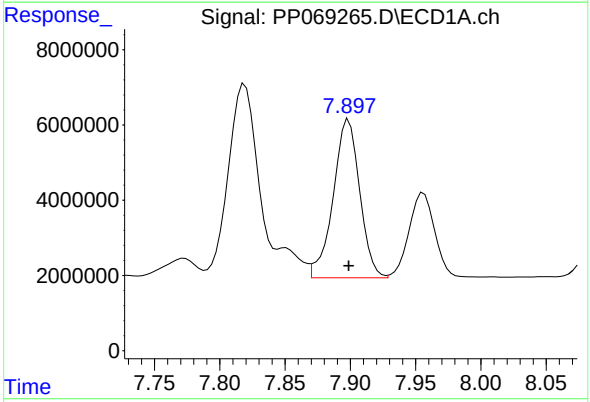
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 71849008
Conc: 954.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



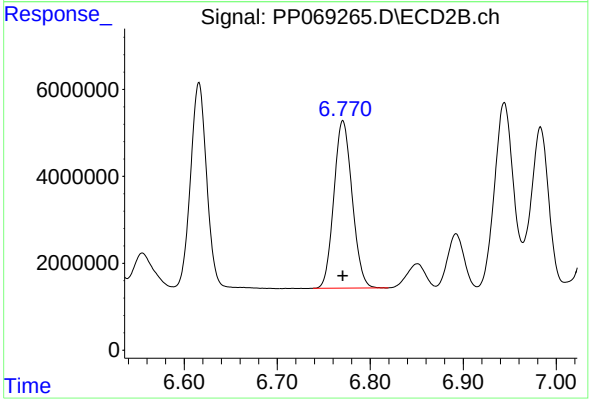
#32 AR-1260-2

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 56383179
Conc: 948.64 ng/ml



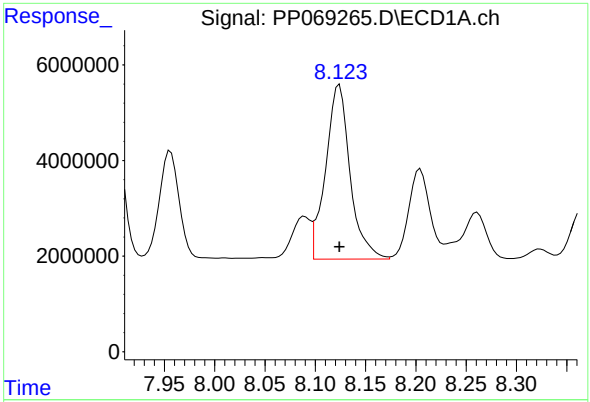
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 59639386
Conc: 962.01 ng/ml



#33 AR-1260-3

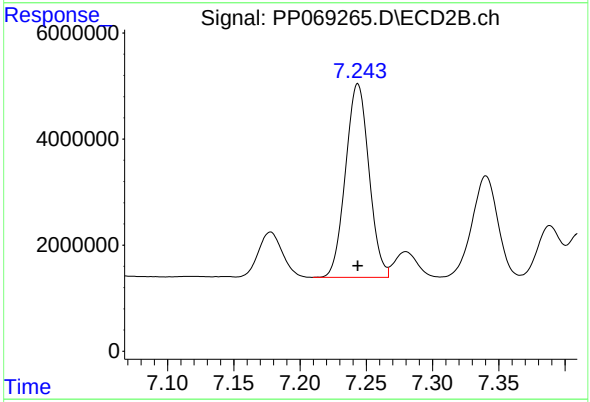
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 52562549
Conc: 960.09 ng/ml



#34 AR-1260-4

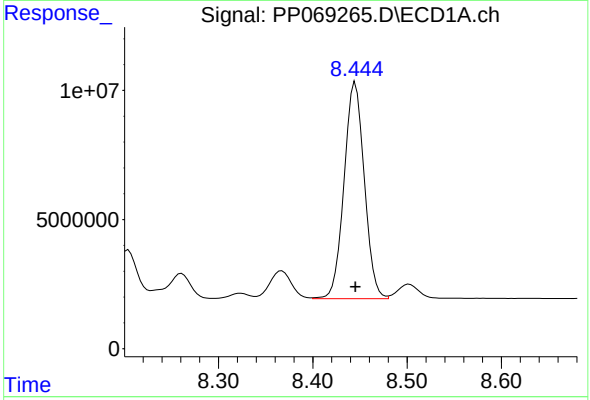
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 61734973
Conc: 955.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



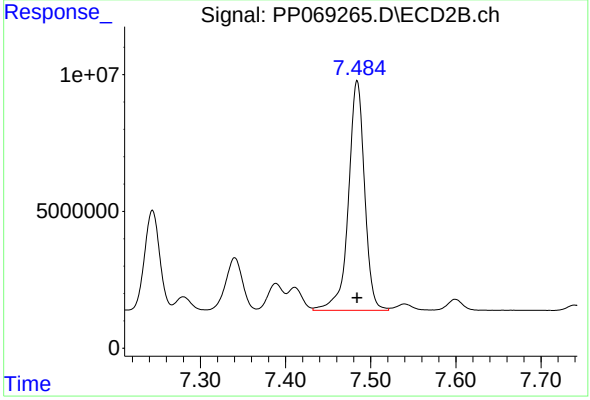
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 44924385
Conc: 971.00 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 125094433
Conc: 959.59 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 110513786
Conc: 990.65 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
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: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 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...	4.535	3.840	38900473	25359775	26.336	26.416
2)	SA Decachlor...	10.277	8.911	29432874	30058024	26.677	28.164
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	9122332	6315546	281.174	278.735
22)	L5 AR-1248-2	5.962	5.171	11494735	8502337	270.029	282.333
23)	L5 AR-1248-3	6.165	5.214	12315718	8710002	263.285	279.197
24)	L5 AR-1248-4	6.564	5.387	16222923	10295186	288.362	277.163
25)	L5 AR-1248-5	6.603	5.783	16372924	10509480	304.616	277.028

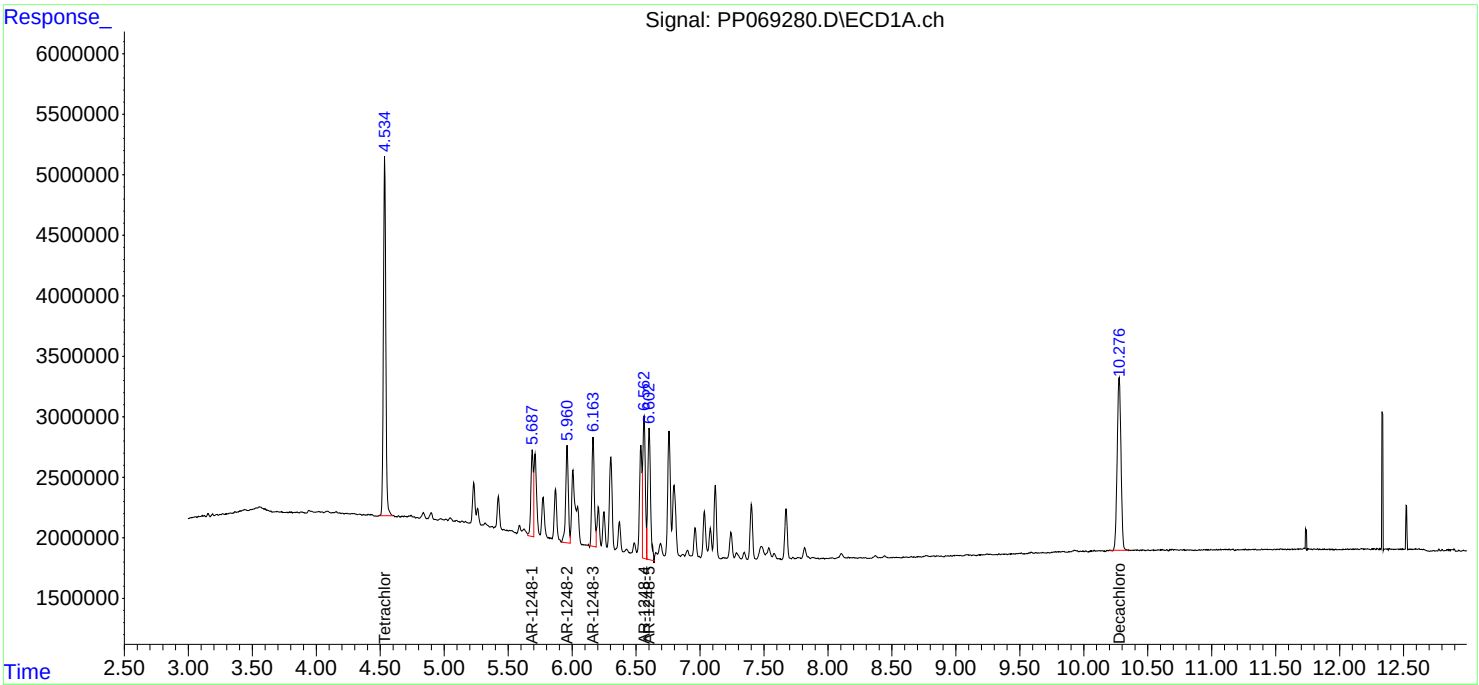
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

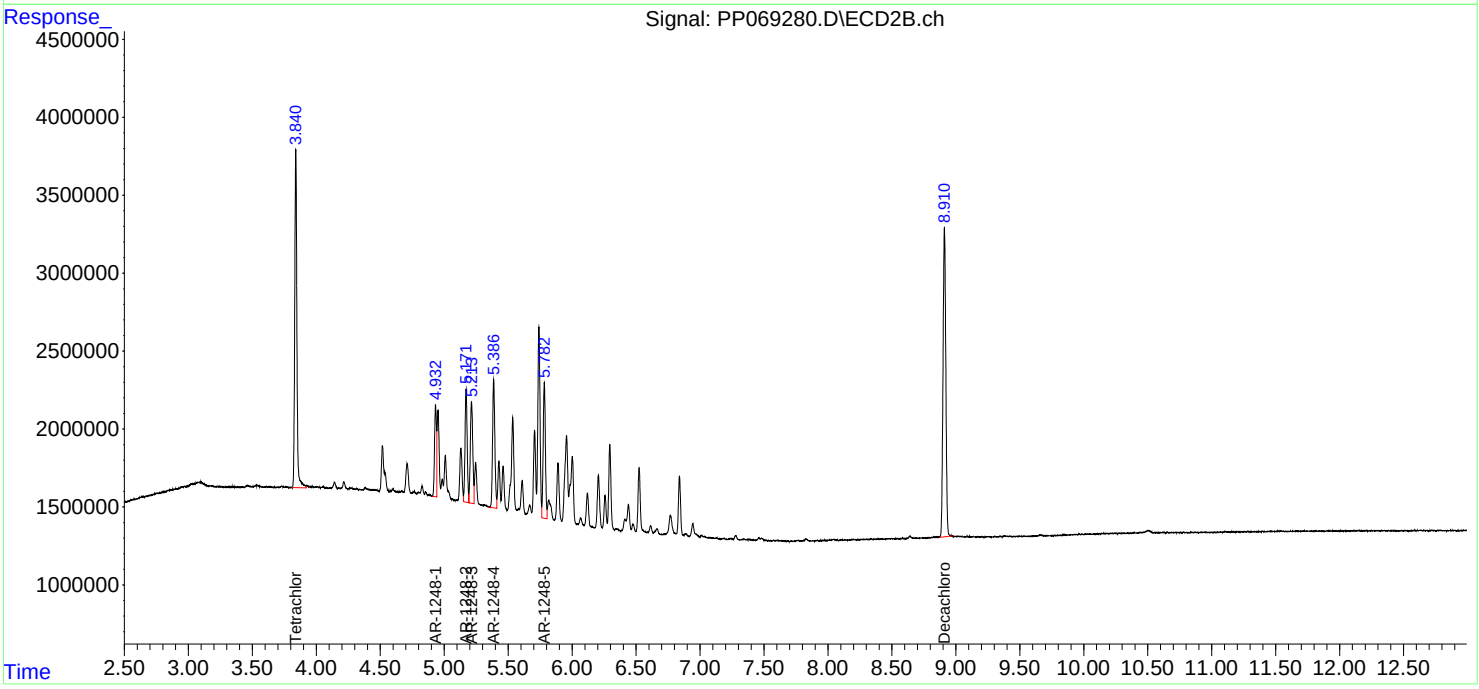
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

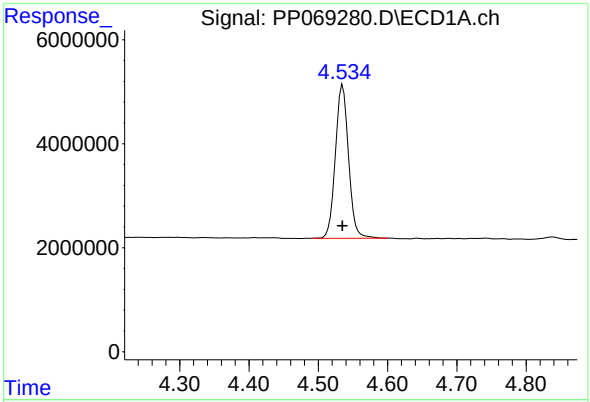
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 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



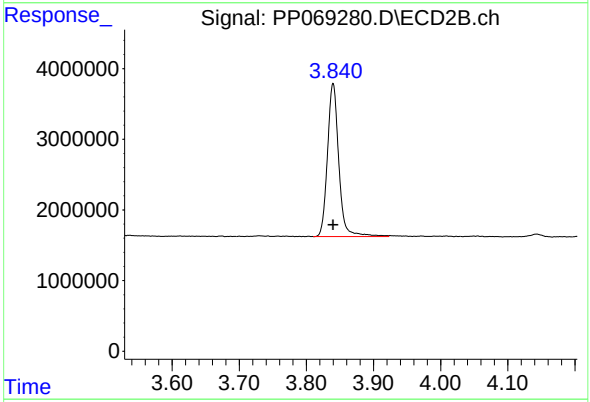




#1 Tetrachloro-m-xylene

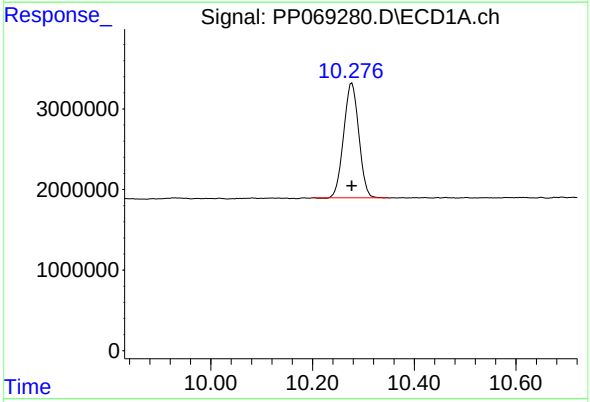
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 38900473
Conc: 26.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



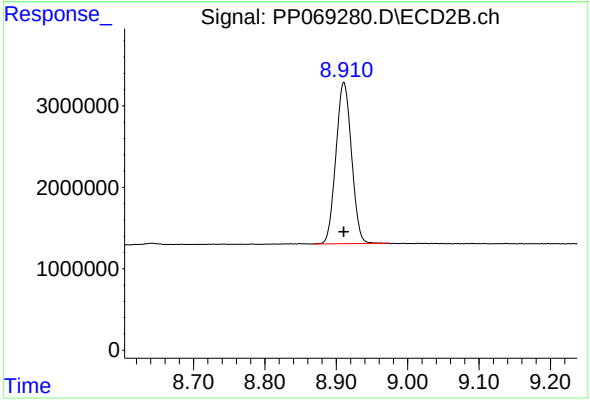
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 25359775
Conc: 26.42 ng/ml



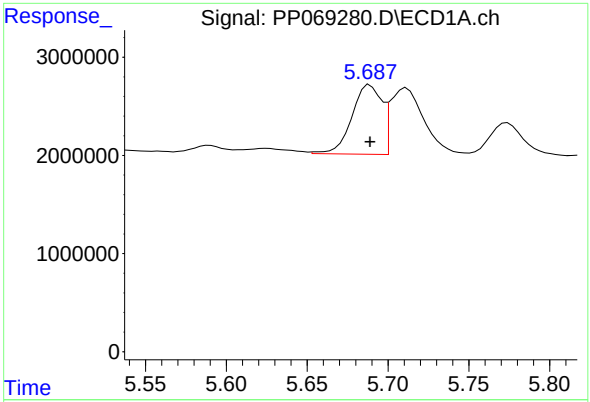
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29432874
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

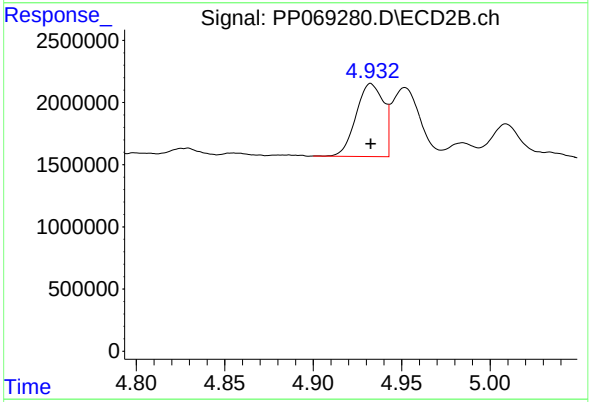
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 30058024
Conc: 28.16 ng/ml



#21 AR-1248-1

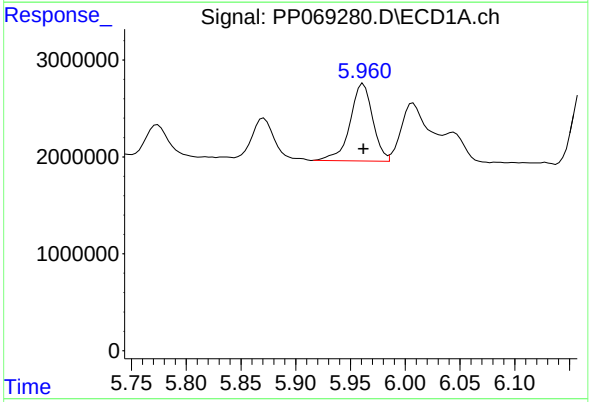
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 9122332
Conc: 281.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



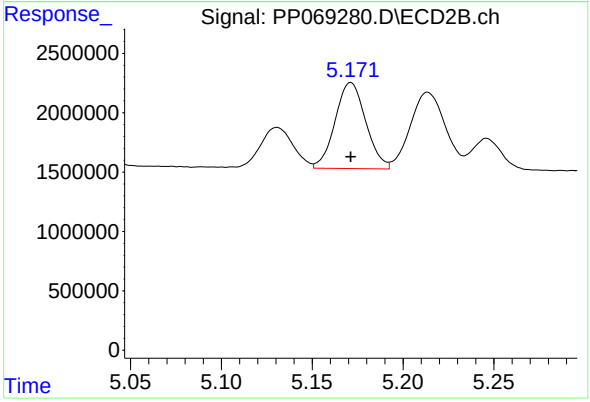
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 6315546
Conc: 278.73 ng/ml



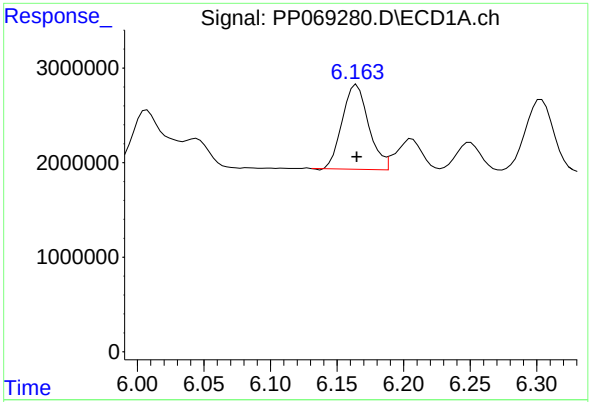
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 11494735
Conc: 270.03 ng/ml



#22 AR-1248-2

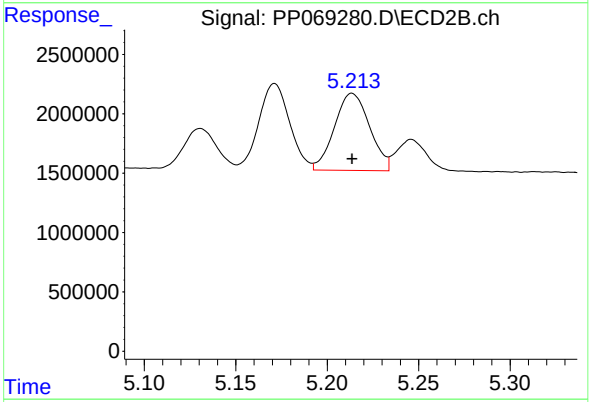
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 8502337
Conc: 282.33 ng/ml



#23 AR-1248-3

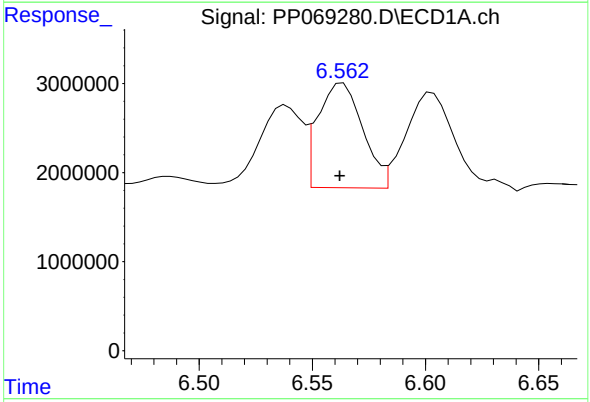
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 12315718
Conc: 263.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



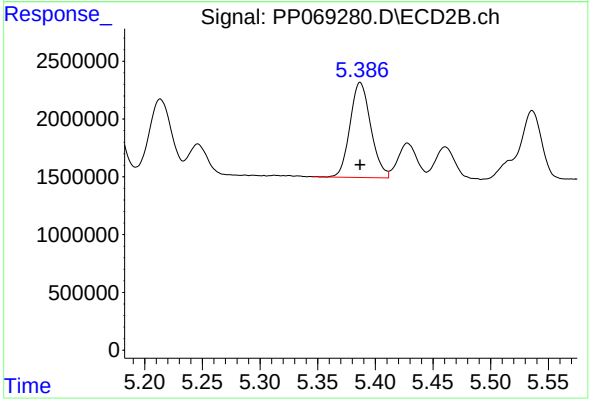
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 8710002
Conc: 279.20 ng/ml



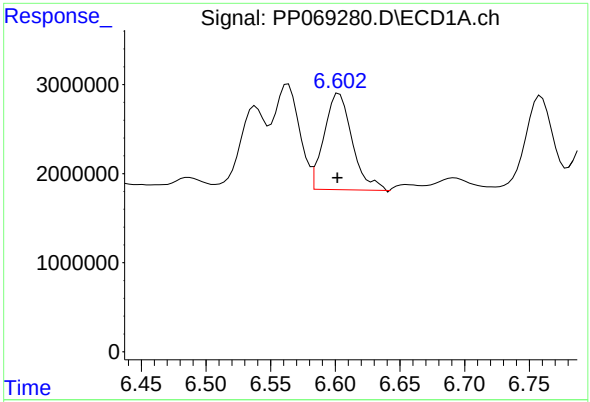
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.001 min
Response: 16222923
Conc: 288.36 ng/ml



#24 AR-1248-4

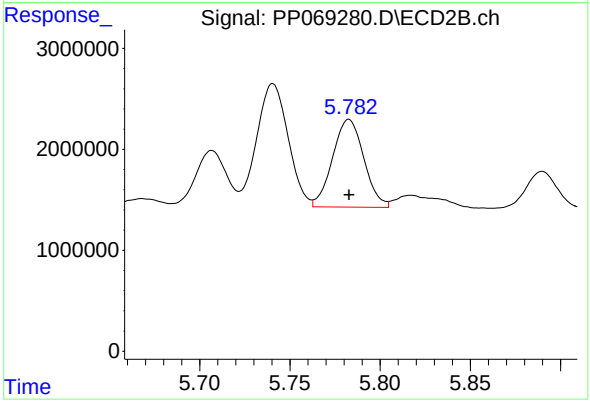
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10295186
Conc: 277.16 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 16372924
Conc: 304.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 10509480
Conc: 277.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
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: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.841	5786281	4091392	4.049	4.382
2)	SA Decachlor...	10.277	8.912	4792685	5691534	4.413	4.993
	Target Compounds						
26)	L6 AR-1254-1	6.544	5.742	3716378	2628819	65.303	47.748 #
27)	L6 AR-1254-2	6.759	5.891	3901432	2408006	48.621	49.784
28)	L6 AR-1254-3	7.122	6.297	4219753	3542972	50.063	46.682
29)	L6 AR-1254-4	7.405	6.525	3314077	2474657	48.602	48.286
30)	L6 AR-1254-5	7.823	6.944	3170800	2933240	46.598	44.069

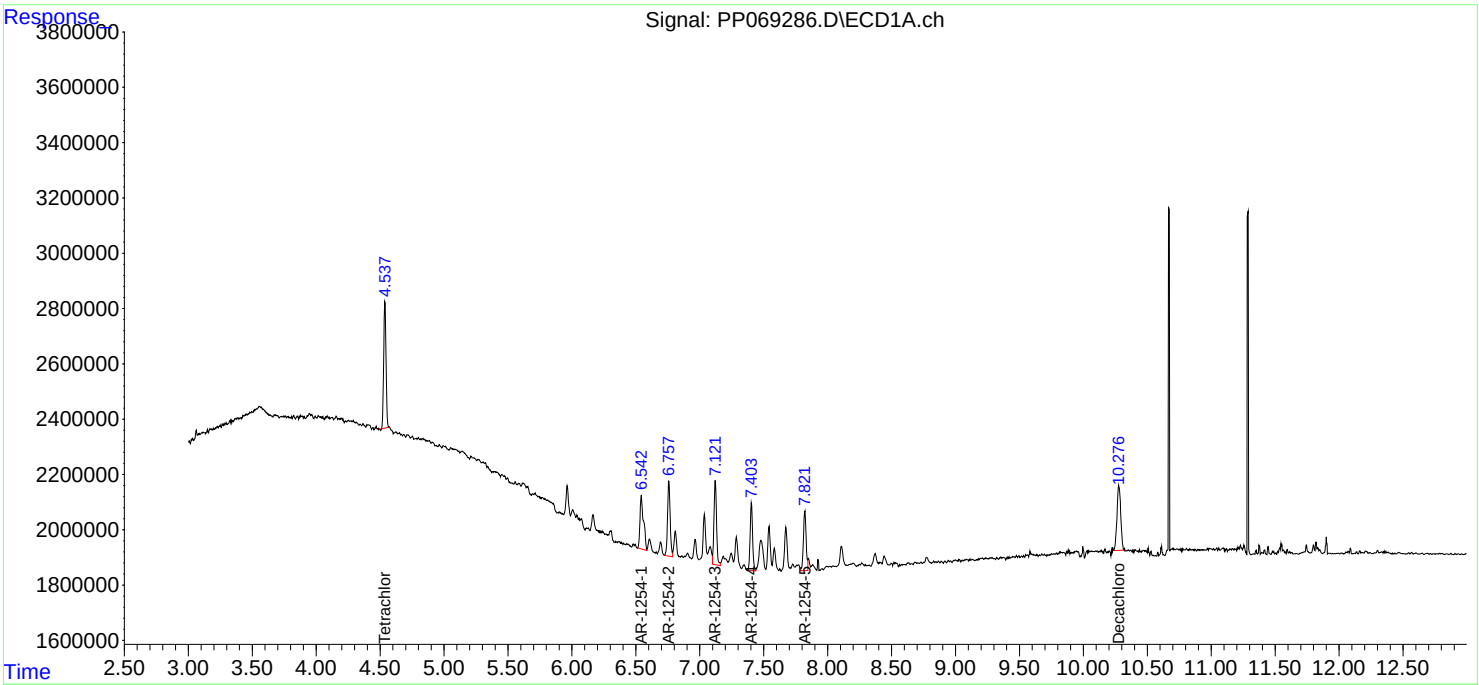
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

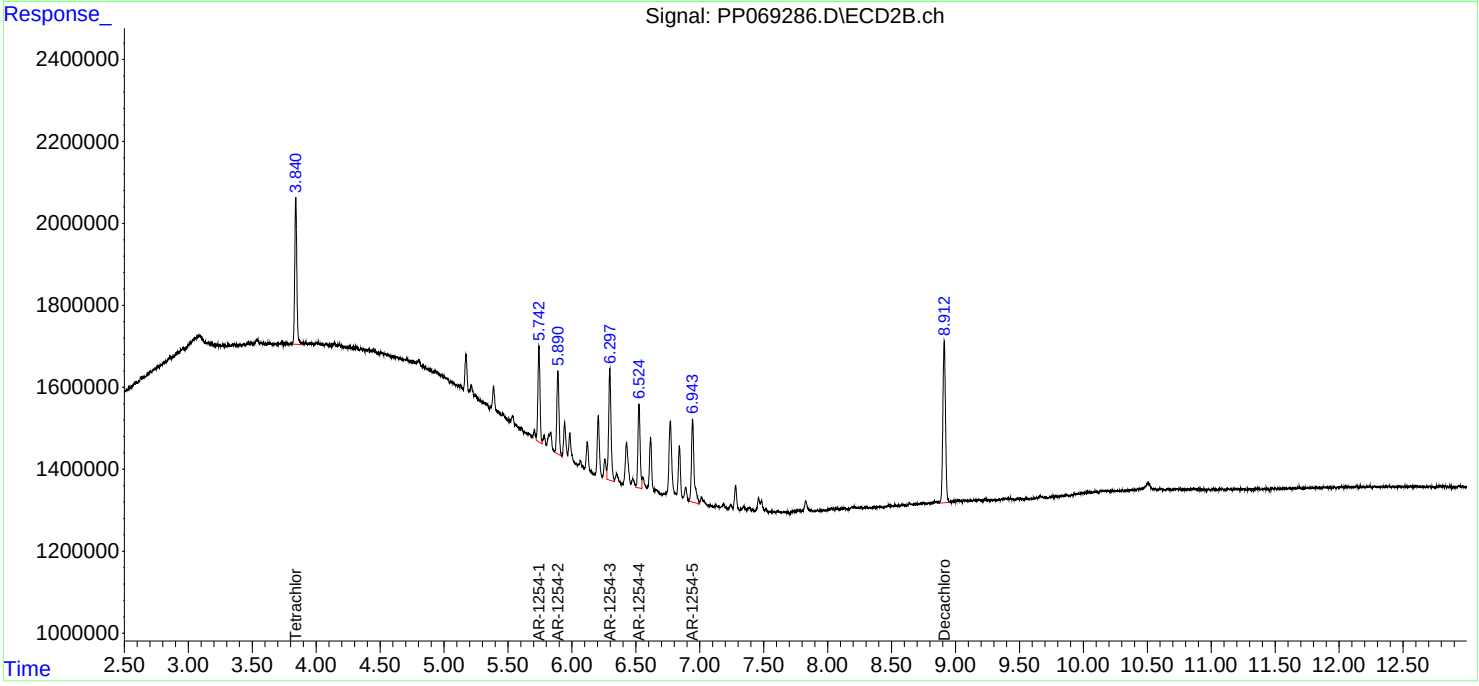
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

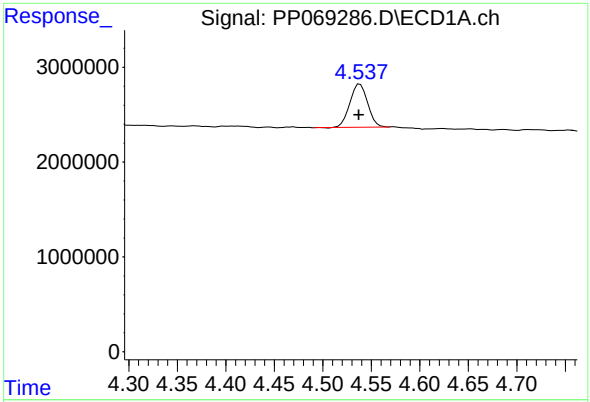
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 2025
Response via : Initial Calibration
Integrator: ChemStation

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



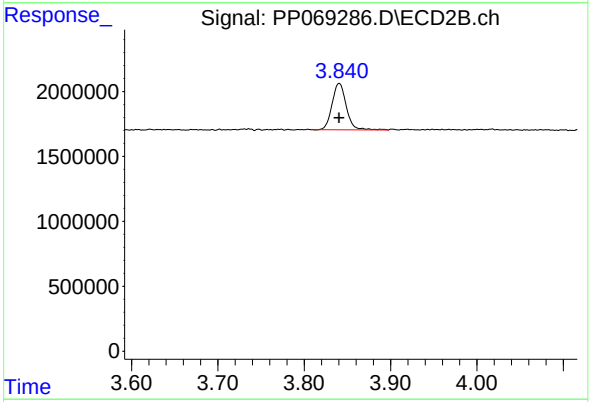




#1 Tetrachloro-m-xylene

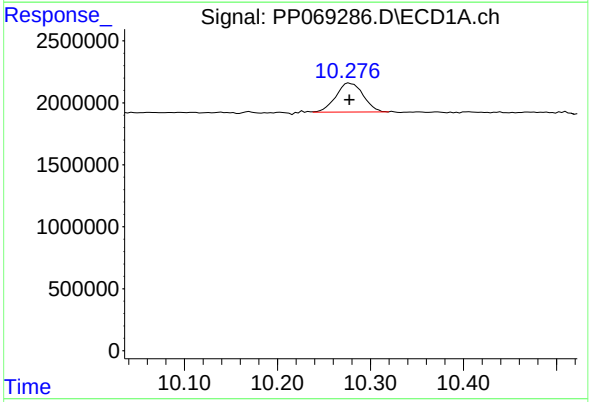
R.T.: 4.538 min
Delta R.T.: 0.001 min
Response: 5786281
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



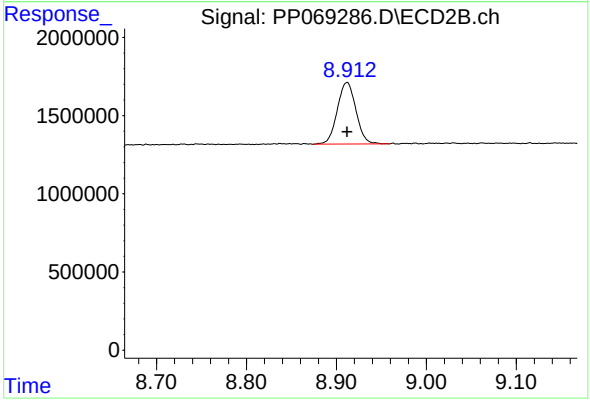
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4091392
Conc: 4.38 ng/ml



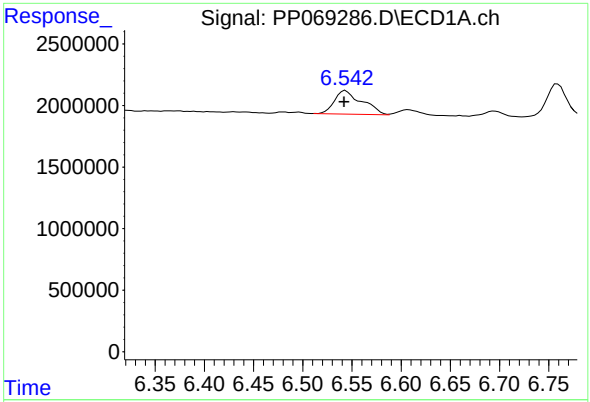
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4792685
Conc: 4.41 ng/ml



#2 Decachlorobiphenyl

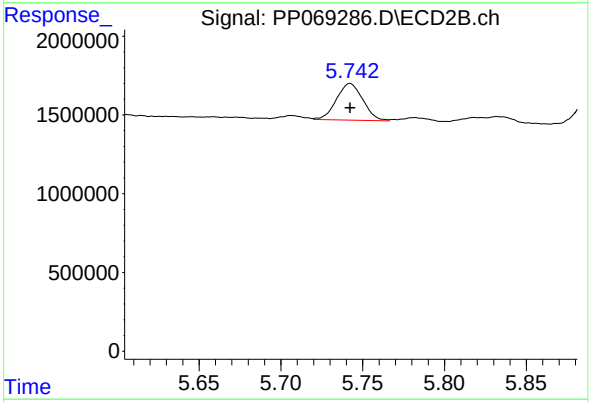
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5691534
Conc: 4.99 ng/ml



#26 AR-1254-1

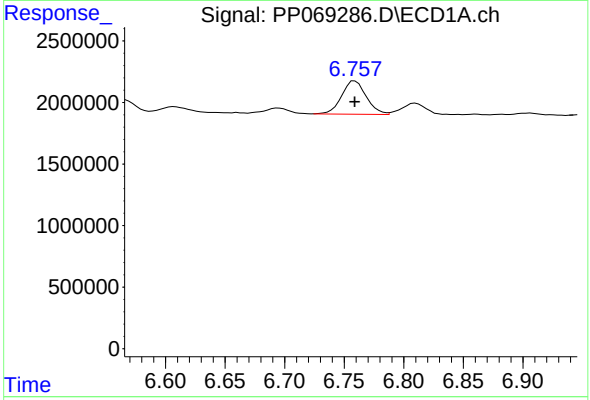
R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 3716378
Conc: 65.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



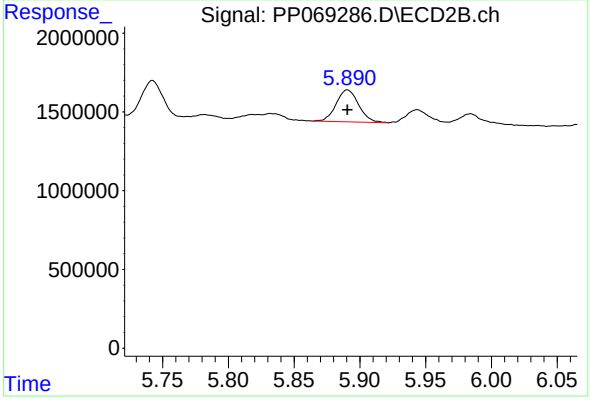
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 2628819
Conc: 47.75 ng/ml



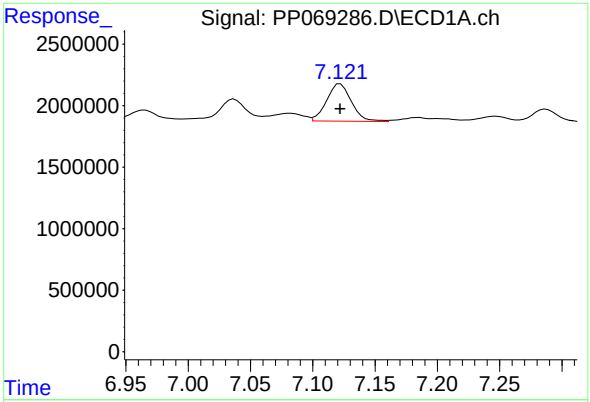
#27 AR-1254-2

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 3901432
Conc: 48.62 ng/ml



#27 AR-1254-2

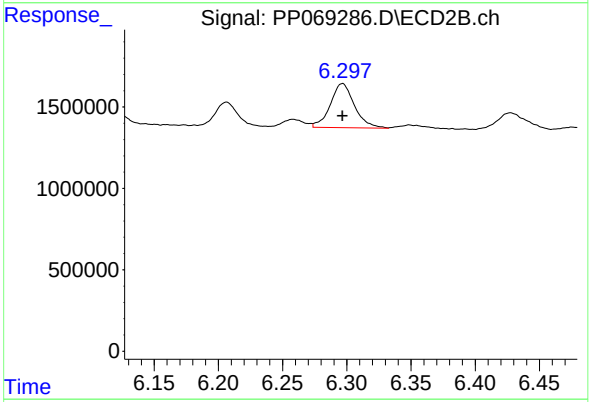
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2408006
Conc: 49.78 ng/ml



#28 AR-1254-3

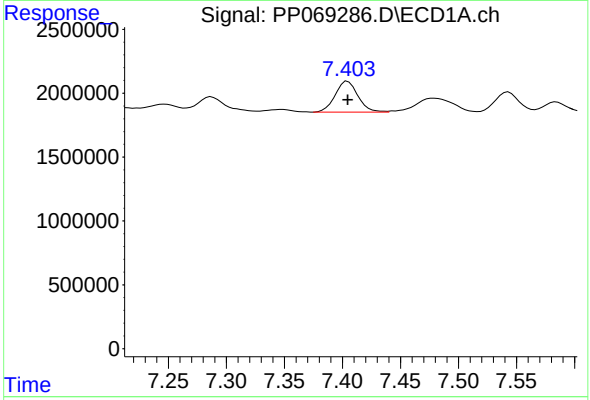
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 4219753
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



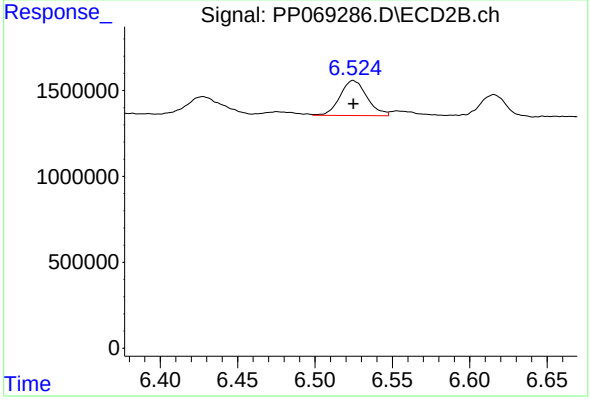
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 3542972
Conc: 46.68 ng/ml



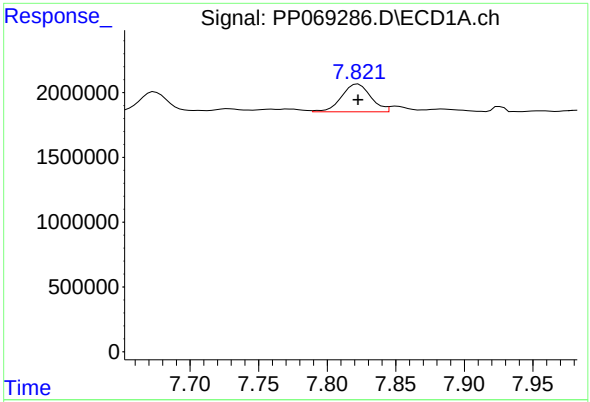
#29 AR-1254-4

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3314077
Conc: 48.60 ng/ml



#29 AR-1254-4

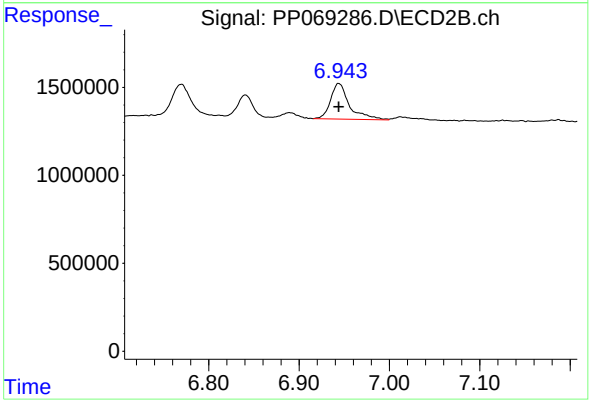
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2474657
Conc: 48.29 ng/ml



#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 3170800
Conc: 46.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 2933240
Conc: 44.07 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
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: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.840	4546635	2843700	3.290	3.181
2)	SA Decachlor...	10.278	8.910	5979560	6573940	3.419	3.771
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.767	6295775	5422252	35.654	37.363
42)	L9 AR-1268-2	8.857	7.832	5727609	4780082	36.395	35.990
43)	L9 AR-1268-3	9.093	8.039	4626946	4204668	34.600	36.968
44)	L9 AR-1268-4	9.511	8.335	1957538	1726940	33.336	33.161
45)	L9 AR-1268-5	9.933	8.641	13066763	12717604	34.305	35.705

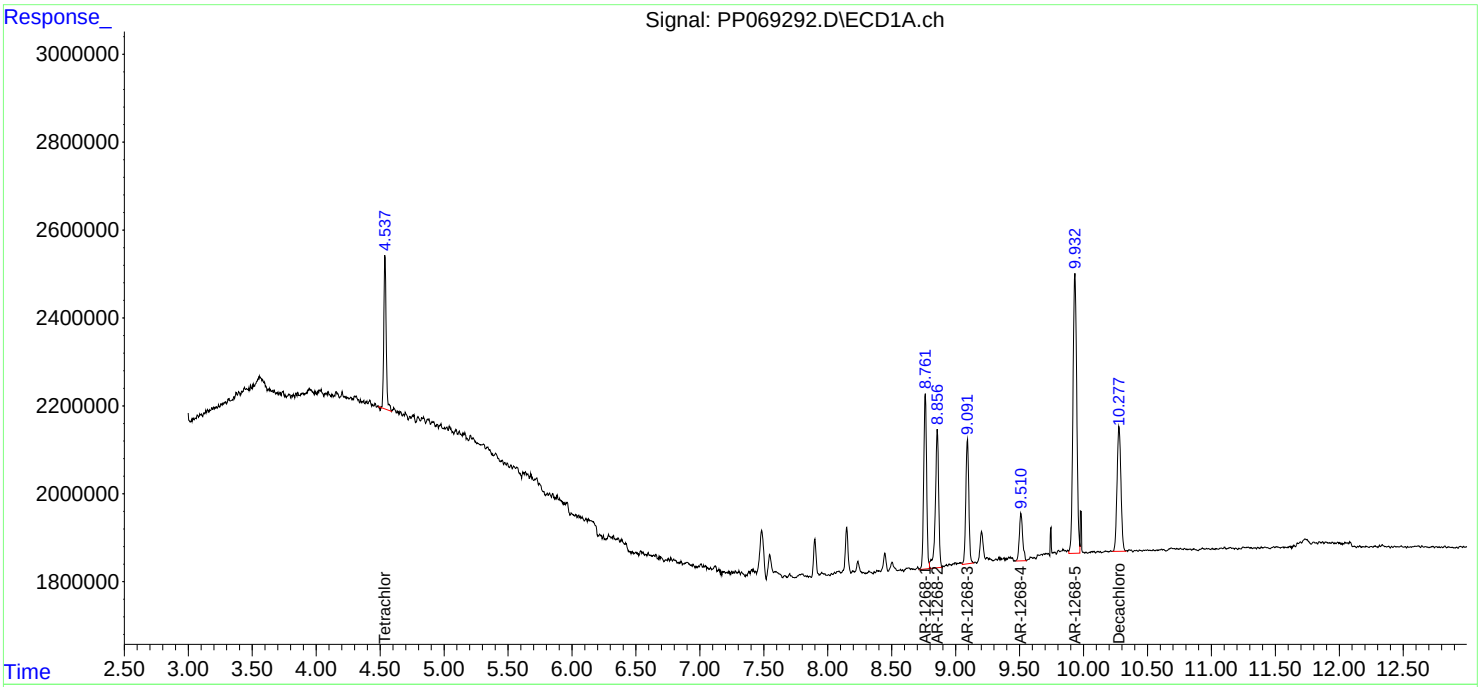
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

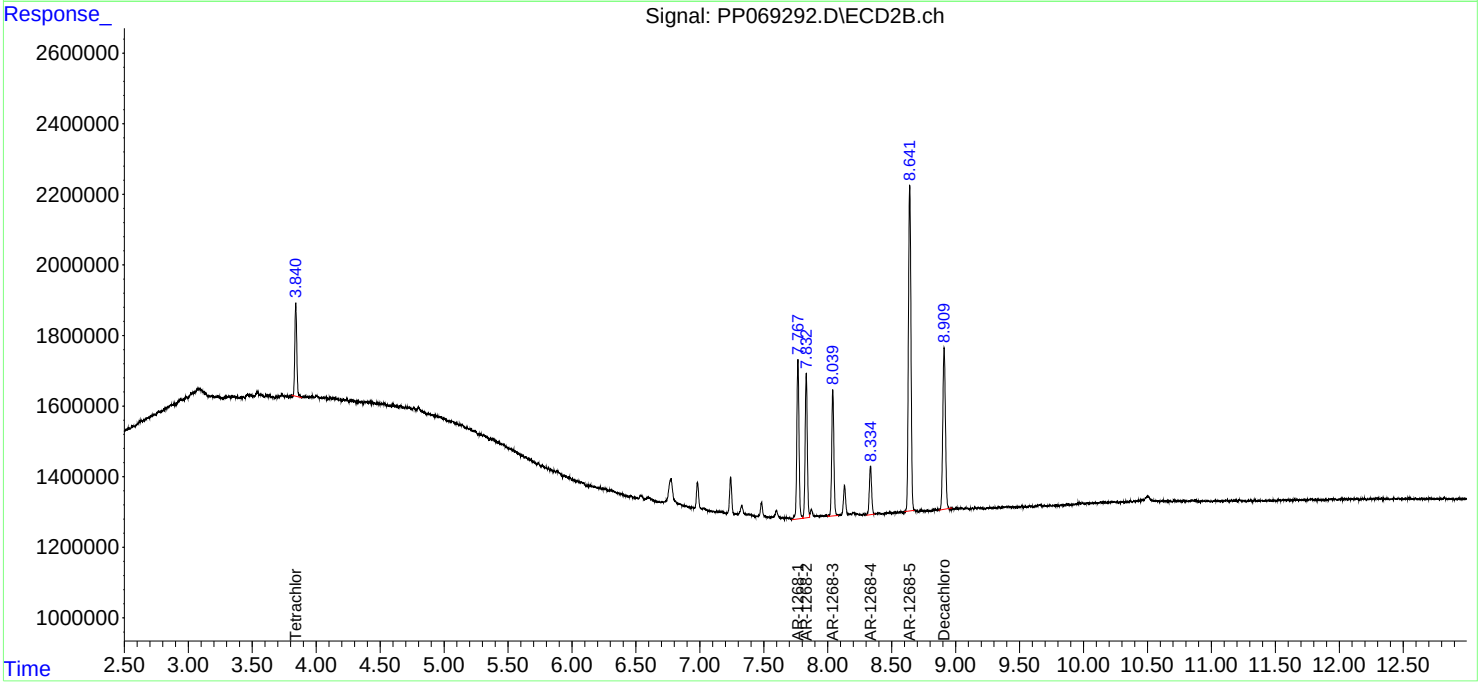
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

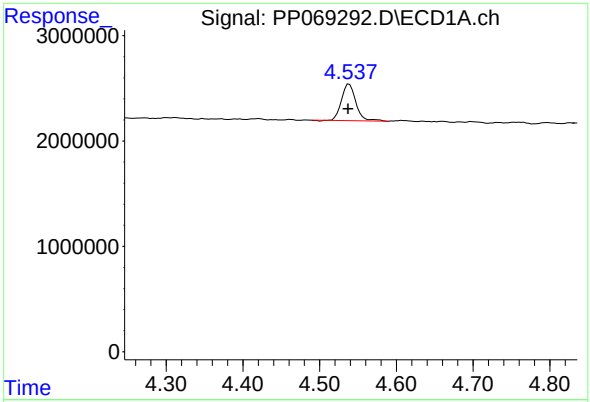
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



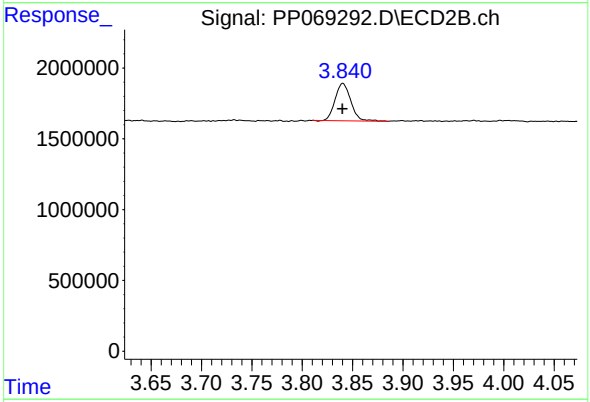




#1 Tetrachloro-m-xylene

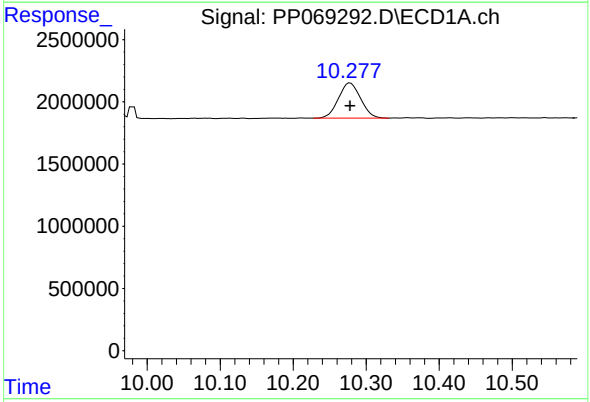
R.T.: 4.539 min
Delta R.T.: 0.002 min
Response: 4546635
Conc: 3.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



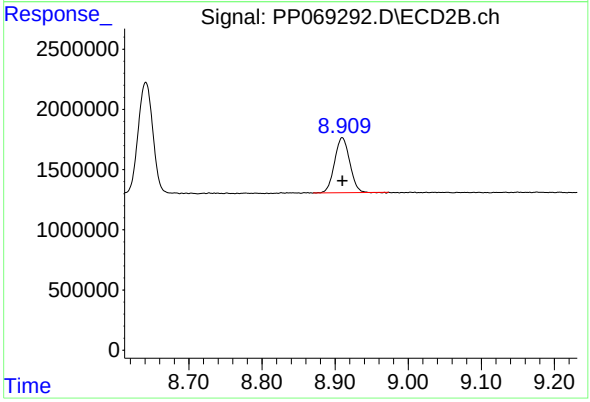
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 2843700
Conc: 3.18 ng/ml



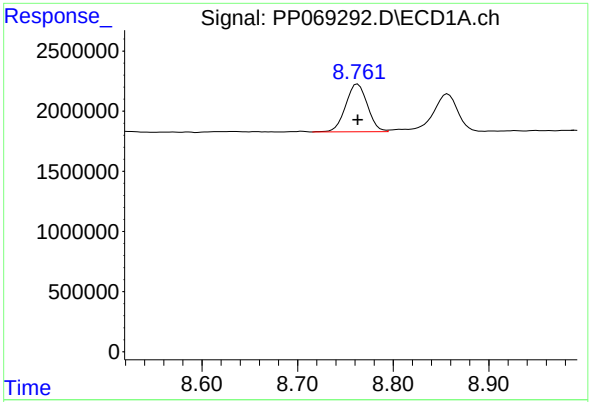
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5979560
Conc: 3.42 ng/ml



#2 Decachlorobiphenyl

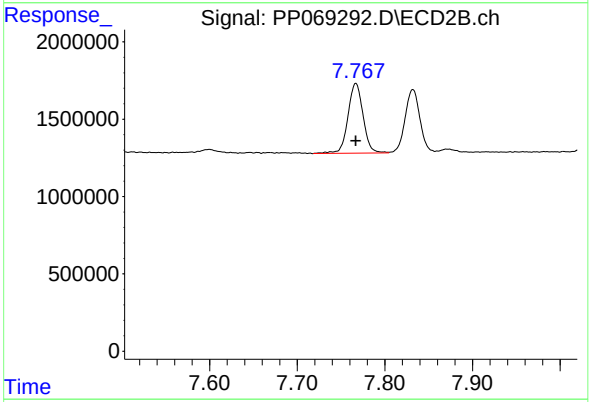
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 6573940
Conc: 3.77 ng/ml



#41 AR-1268-1

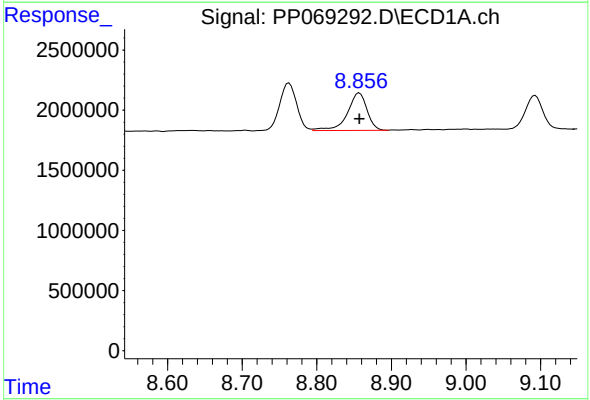
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 6295775
Conc: 35.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



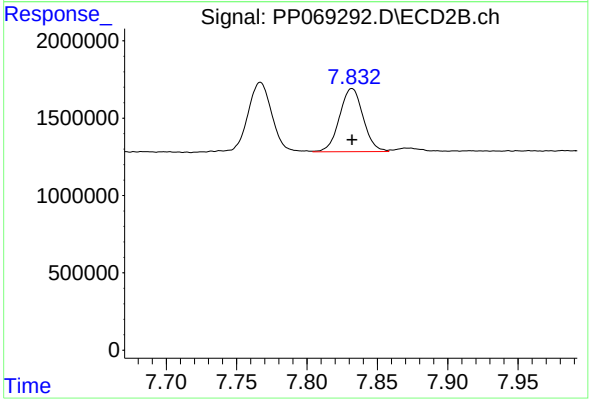
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 5422252
Conc: 37.36 ng/ml



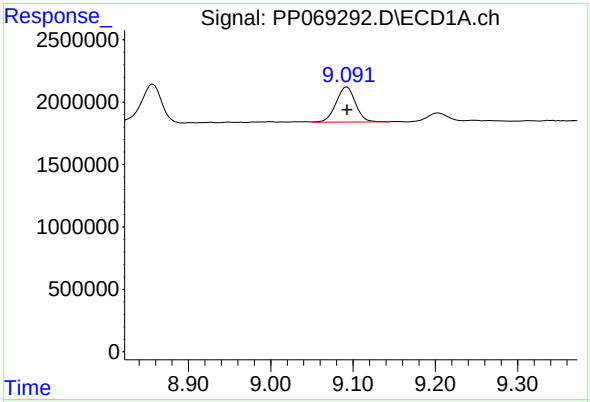
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 5727609
Conc: 36.40 ng/ml



#42 AR-1268-2

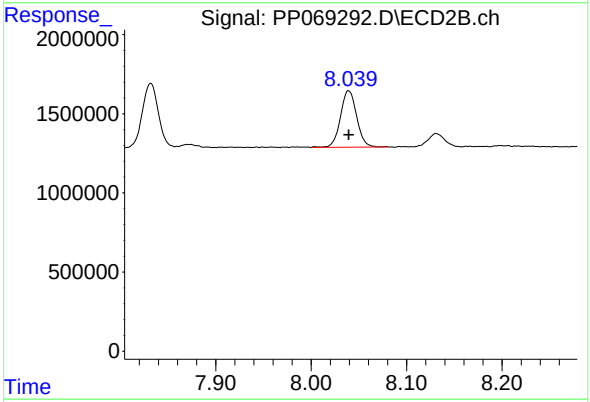
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 4780082
Conc: 35.99 ng/ml



#43 AR-1268-3

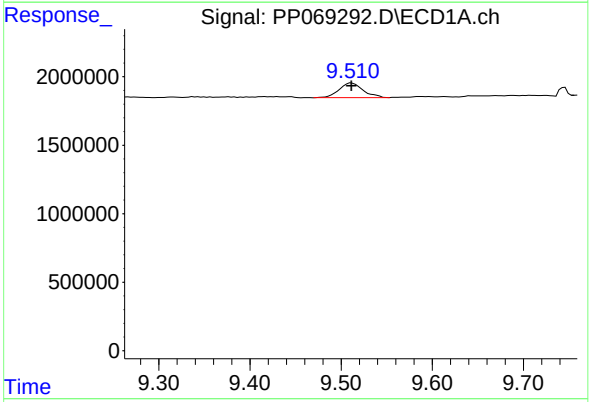
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 4626946
Conc: 34.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



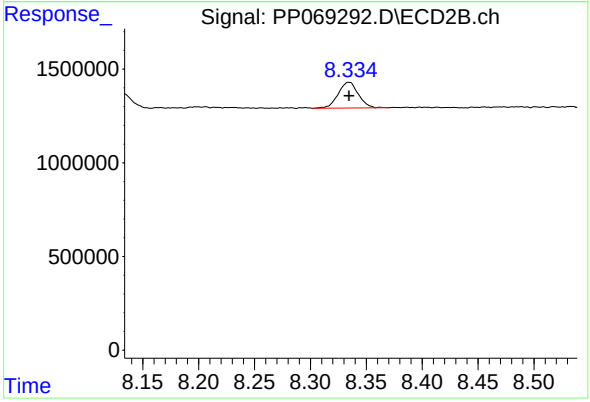
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 4204668
Conc: 36.97 ng/ml



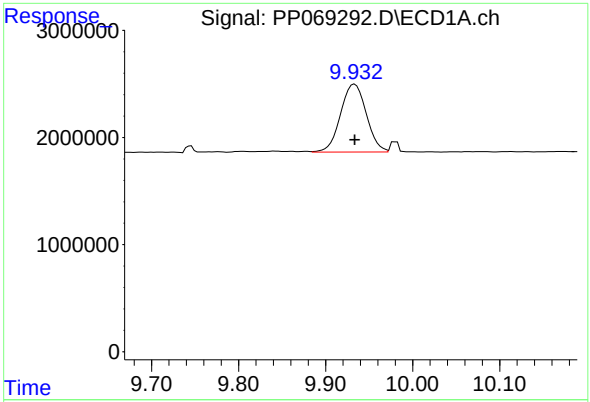
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 1957538
Conc: 33.34 ng/ml



#44 AR-1268-4

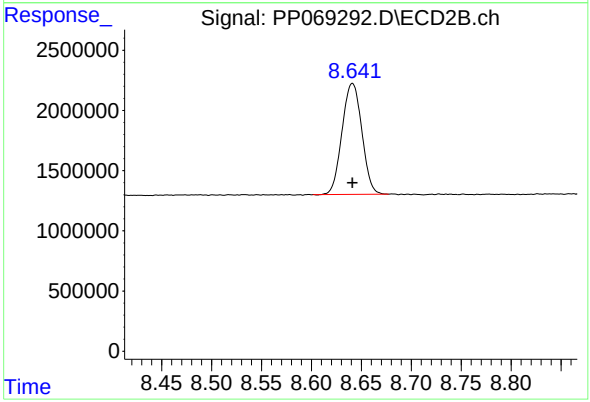
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 1726940
Conc: 33.16 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 13066763
Conc: 34.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 12717604
Conc: 35.71 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 08:26
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: Feb 22 01:15:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.832	79878399	46396278	55.801	51.982	
2)	SA Decachlor...	10.256	8.890	57721003	57398677	52.815	51.318	
	Target Compounds							
3)	L1 AR-1016-1	5.681	4.941	24546289	23267864	529.780	713.409	#
4)	L1 AR-1016-2	5.703	4.941	35892177	23267864	528.781	517.542	
5)	L1 AR-1016-3	5.765	5.119	21792585	13340233	511.604	536.097	
6)	L1 AR-1016-4	5.863	5.160	18396820	10329989	525.616	511.480	
7)	L1 AR-1016-5	6.156	5.376	16597299	15569346	502.058	580.428	
8)	L2 AR-1221-1	4.725	4.043	2565006	1885670	134.862	153.082	
9)	L2 AR-1221-2	4.816	4.132	3926864	2735771	286.789	282.522	
10)	L2 AR-1221-3	4.891	4.207	13775072	9808744	328.420	336.214	
11)	L3 AR-1232-1	4.891	4.207	13775072	9808744	413.745	417.758	
12)	L3 AR-1232-2	5.417	4.941	17484891	23267864	1069.935	987.107	
13)	L3 AR-1232-3	5.703	5.119	35892177	13340233	1044.623	1030.353	
14)	L3 AR-1232-4	5.863	5.203	18396820	12800687	1032.590	1154.639	
15)	L3 AR-1232-5	5.953	5.376	15713840	15569346	1370.901	1275.097	
16)	L4 AR-1242-1	5.703	4.941	35892177	23267864	860.615	807.015	
17)	L4 AR-1242-2	5.703	4.941	35892177	23267864	608.435	590.589	
18)	L4 AR-1242-3	5.765	5.119	21792585	13340233	587.423	592.792	
19)	L4 AR-1242-4	5.863	5.203	18396820	12800687	560.970	593.112	
20)	L4 AR-1242-5	6.594	5.729	6562870	14116376	201.412	490.691	#
21)	L5 AR-1248-1	5.681	4.941	24546289	23267864	756.689	1057.123	#
22)	L5 AR-1248-2	5.953	5.160	15713840	10329989	370.204	343.593	
23)	L5 AR-1248-3	6.156	5.203	16597299	12800687	353.231	413.135	
24)	L5 AR-1248-4	6.594	5.376	6562870	15569346	119.062	421.434	#
25)	L5 AR-1248-5	6.594	5.770	6562870	3897952	122.938	104.253	
26)	L6 AR-1254-1	6.530	5.729	22050339	14116376	381.074	256.401	#
27)	L6 AR-1254-2	6.746	5.877	14580948	10571429	181.712	218.559	
28)	L6 AR-1254-3	7.109	6.298	8262760	24896812	98.030	328.038	#
29)	L6 AR-1254-4	7.393	6.511	6927955	3248906	101.601	63.394	#
30)	L6 AR-1254-5	7.808	6.929	42689974	33631201	627.368	505.273	
31)	L7 AR-1260-1	7.275	6.414	29919445	25482579	512.001	528.361	
32)	L7 AR-1260-2	7.528	6.601	38788502	33381984	498.484	544.535	
33)	L7 AR-1260-3	7.887	6.756	32420694	24343873	518.571	404.676	
34)	L7 AR-1260-4	8.111	7.228	32842365	25952369	497.787	558.503	
35)	L7 AR-1260-5	8.432	7.468	66092349	63086888	504.807	567.608	
36)	L8 AR-1262-1	8.111	6.968	32842365	30122626	415.630	424.184	
37)	L8 AR-1262-2	8.432	7.228	66092349	25952369	432.193	425.592	
38)	L8 AR-1262-3	8.757	7.752	42098702	16128511	396.112	308.389	
39)	L8 AR-1262-4	8.836	7.815	27324890	44840565	334.074	485.096	#
40)	L8 AR-1262-5	9.493	8.318	20164569	18892963	356.200	395.315	
41)	L9 AR-1268-1	8.757	7.752	42098702	16128511	238.414	111.137	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 08:26
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: Feb 22 01:15:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.836	7.815	27324890	44840565	173.633	337.615 #
43) L9	AR-1268-3	9.072	8.024	1001243	815570	7.487	7.171
44) L9	AR-1268-4	9.493	8.318	20164569	18892963	343.398	362.782
45) L9	AR-1268-5	9.912	8.622	5345998	5002152	14.035	14.044

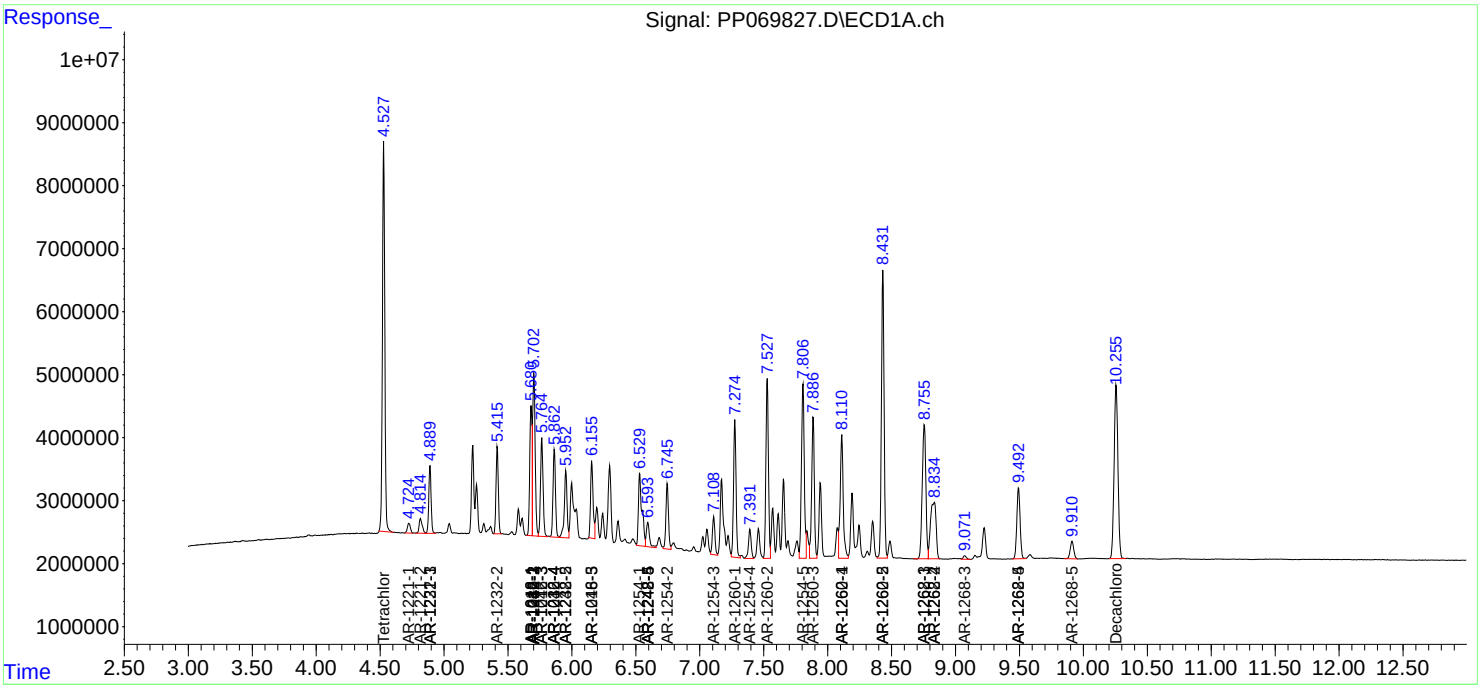
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

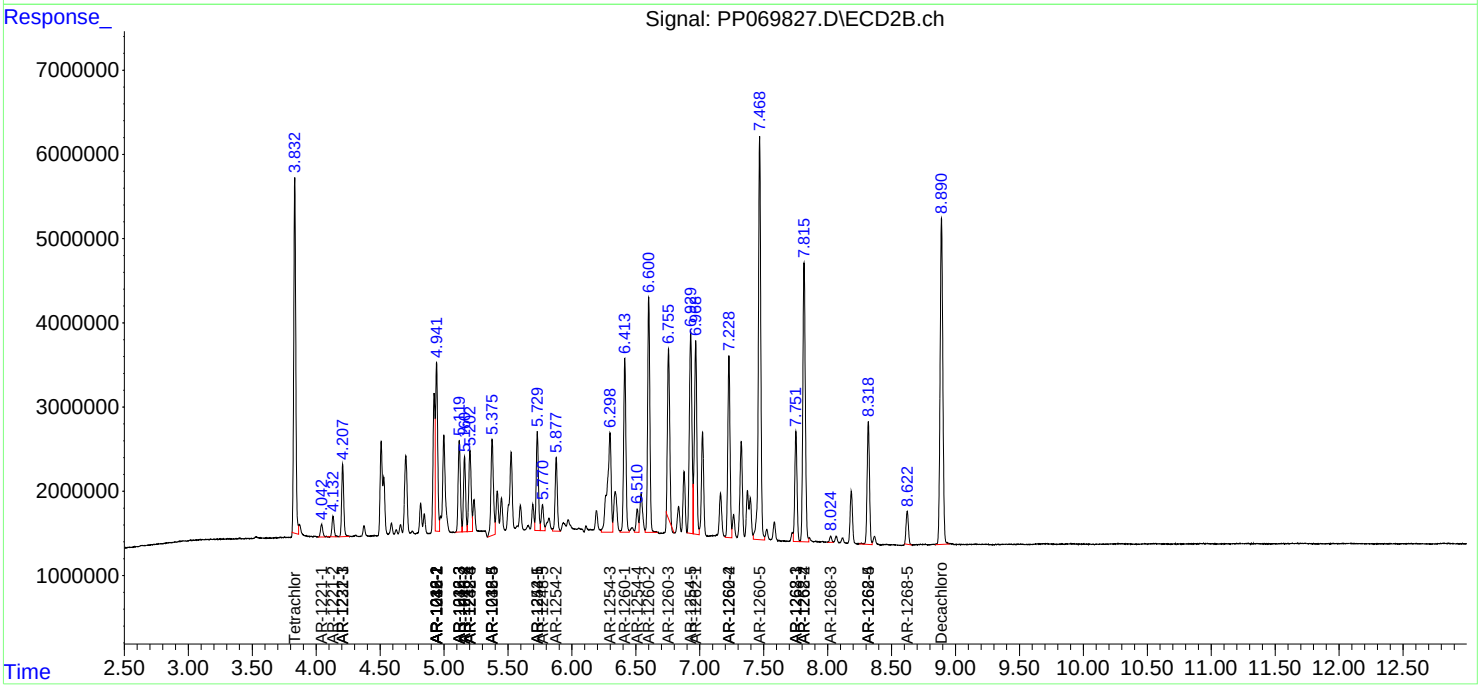
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 08:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

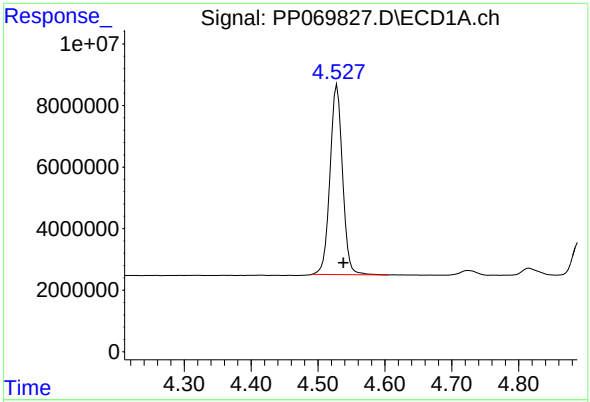
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:15:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



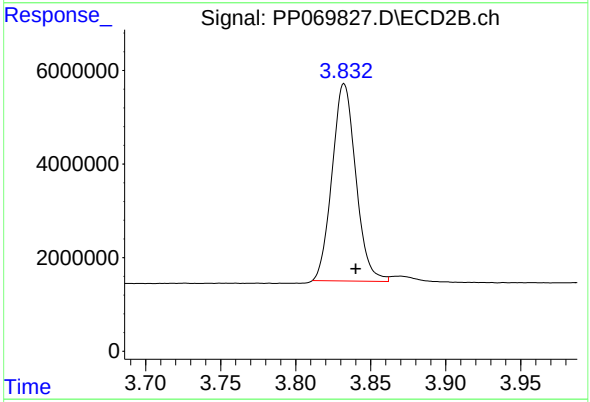




#1 Tetrachloro-m-xylene

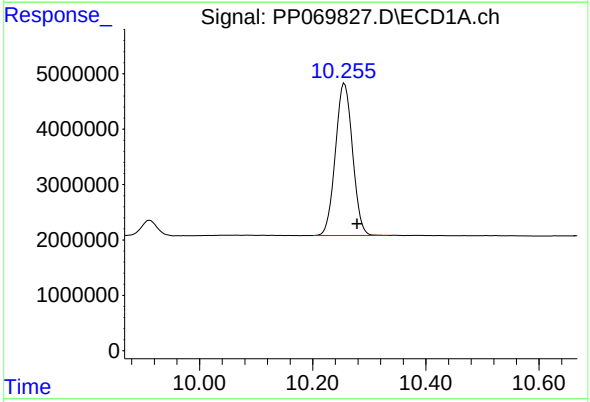
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 79878399
Conc: 55.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



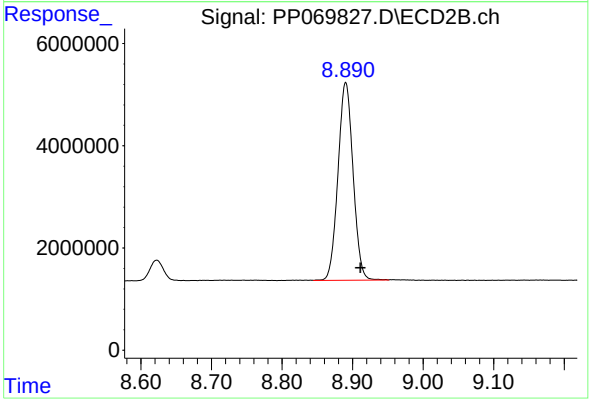
#1 Tetrachloro-m-xylene

R.T.: 3.832 min
Delta R.T.: -0.008 min
Response: 46396278
Conc: 51.98 ng/ml



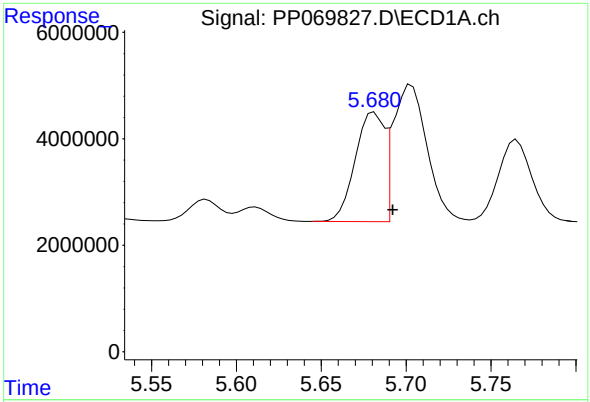
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.022 min
Response: 57721003
Conc: 52.81 ng/ml



#2 Decachlorobiphenyl

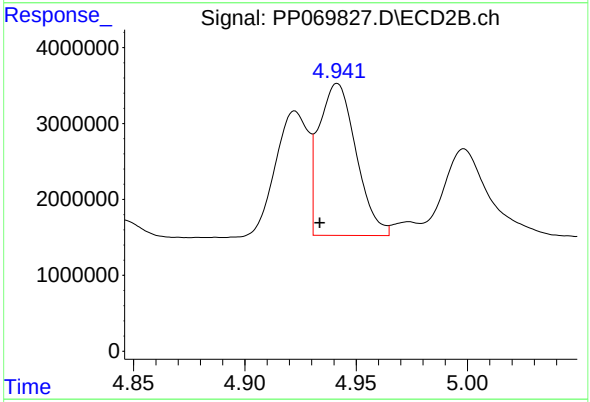
R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 57398677
Conc: 51.32 ng/ml



#3 AR-1016-1

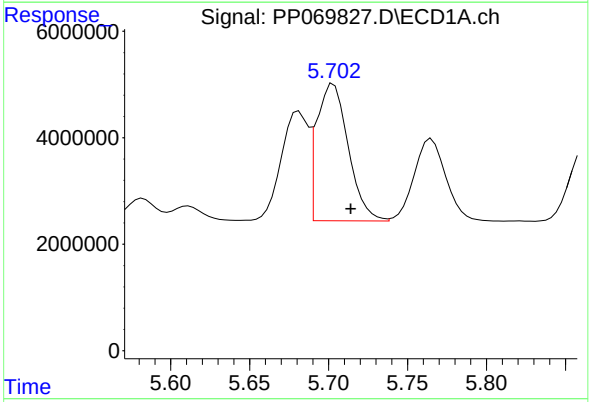
R.T.: 5.681 min
Delta R.T.: -0.011 min
Response: 24546289
Conc: 529.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



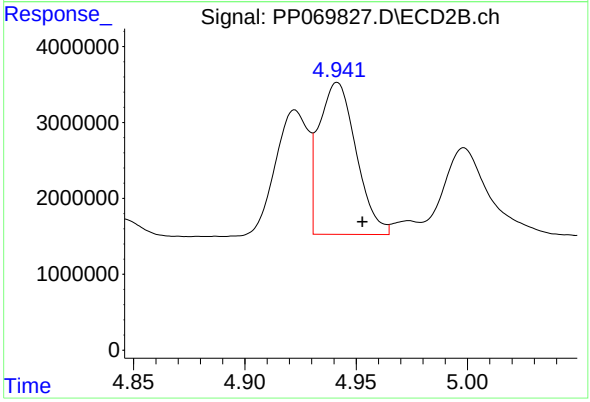
#3 AR-1016-1

R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 23267864
Conc: 713.41 ng/ml



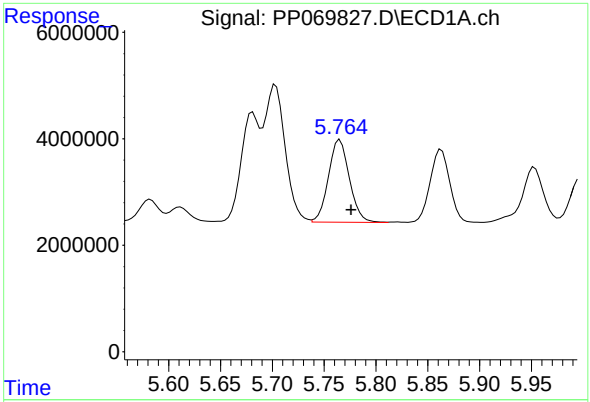
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 35892177
Conc: 528.78 ng/ml



#4 AR-1016-2

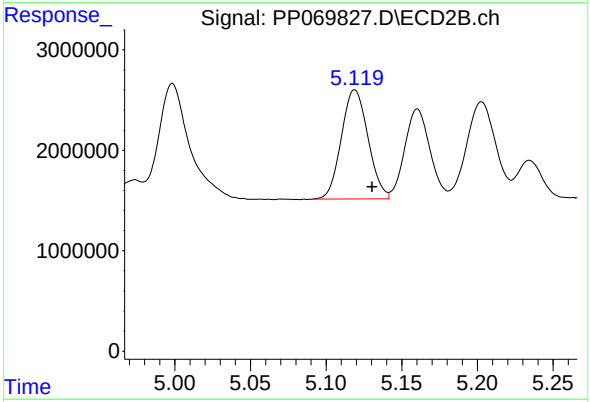
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 23267864
Conc: 517.54 ng/ml



#5 AR-1016-3

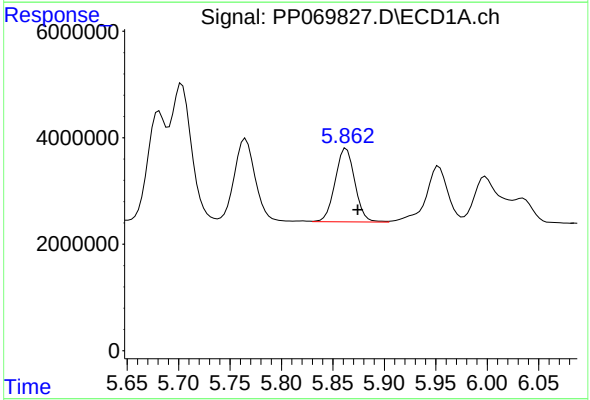
R.T.: 5.765 min
Delta R.T.: -0.011 min
Response: 21792585
Conc: 511.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



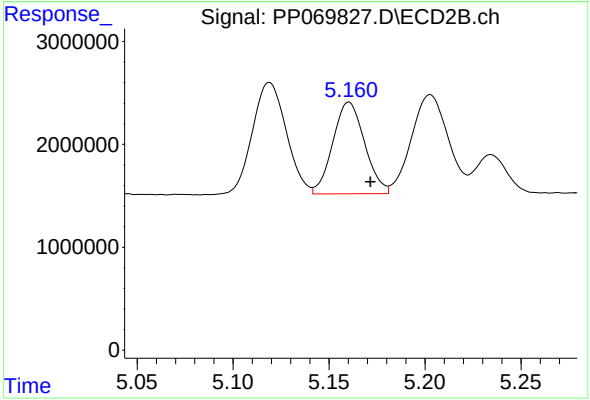
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 13340233
Conc: 536.10 ng/ml



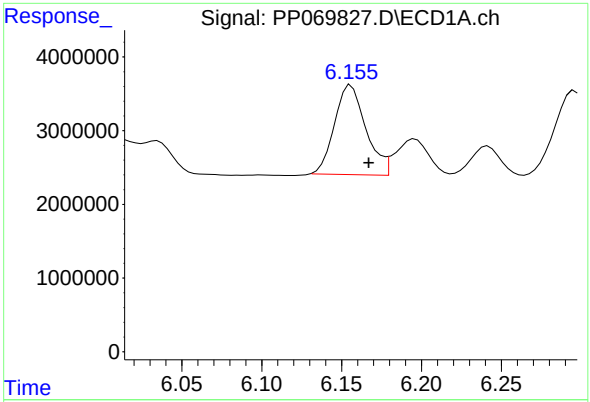
#6 AR-1016-4

R.T.: 5.863 min
Delta R.T.: -0.011 min
Response: 18396820
Conc: 525.62 ng/ml



#6 AR-1016-4

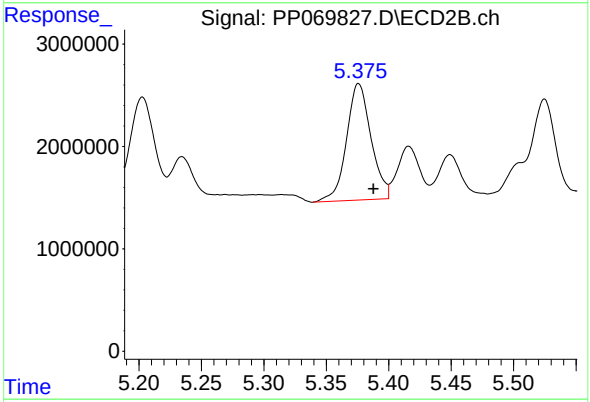
R.T.: 5.160 min
Delta R.T.: -0.011 min
Response: 10329989
Conc: 511.48 ng/ml



#7 AR-1016-5

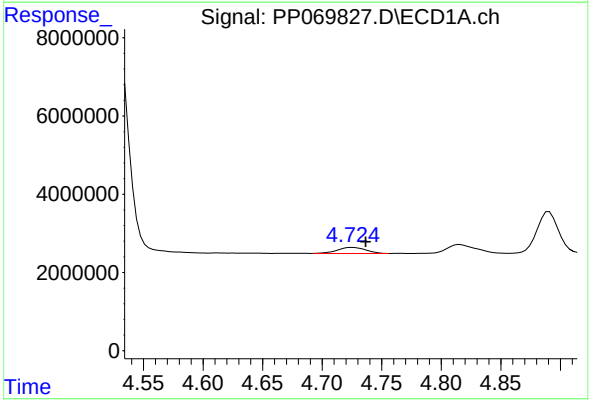
R.T.: 6.156 min
Delta R.T.: -0.011 min
Response: 16597299
Conc: 502.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



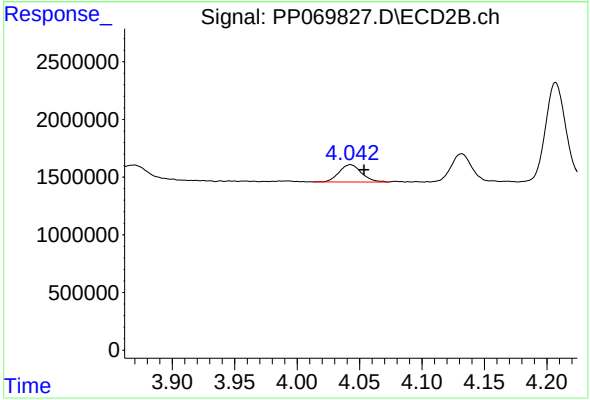
#7 AR-1016-5

R.T.: 5.376 min
Delta R.T.: -0.012 min
Response: 15569346
Conc: 580.43 ng/ml



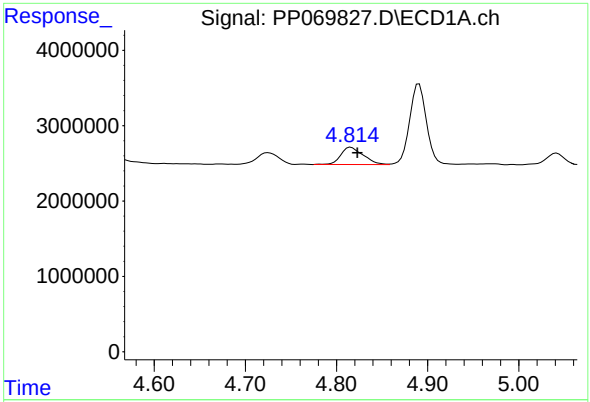
#8 AR-1221-1

R.T.: 4.725 min
Delta R.T.: -0.012 min
Response: 2565006
Conc: 134.86 ng/ml



#8 AR-1221-1

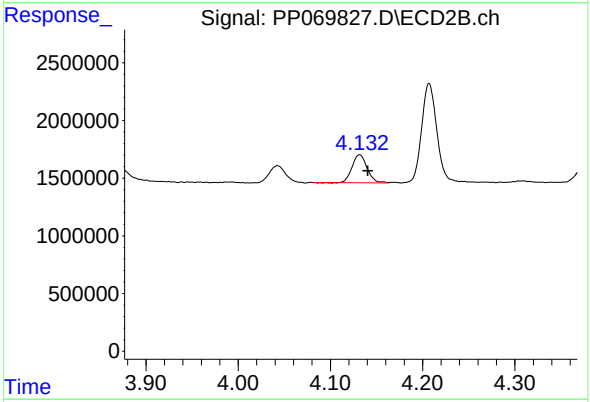
R.T.: 4.043 min
Delta R.T.: -0.011 min
Response: 1885670
Conc: 153.08 ng/ml



#9 AR-1221-2

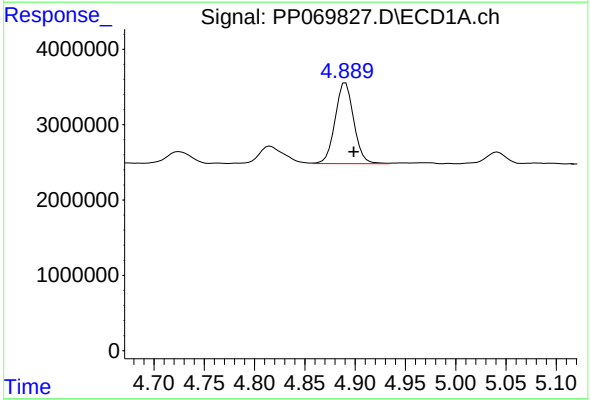
R.T.: 4.816 min
Delta R.T.: -0.007 min
Response: 3926864
Conc: 286.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



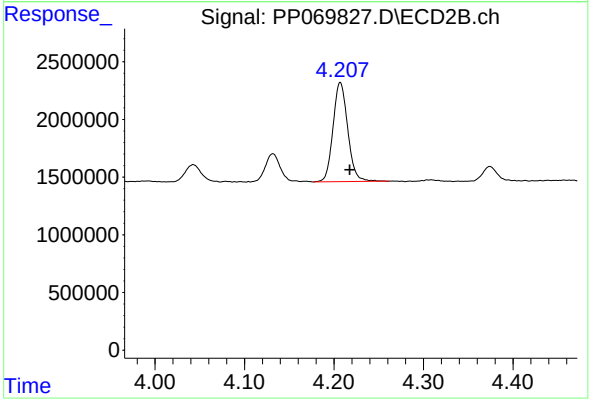
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.009 min
Response: 2735771
Conc: 282.52 ng/ml



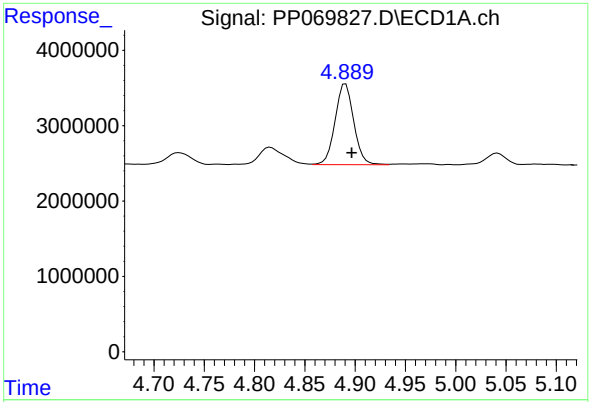
#10 AR-1221-3

R.T.: 4.891 min
Delta R.T.: -0.008 min
Response: 13775072
Conc: 328.42 ng/ml



#10 AR-1221-3

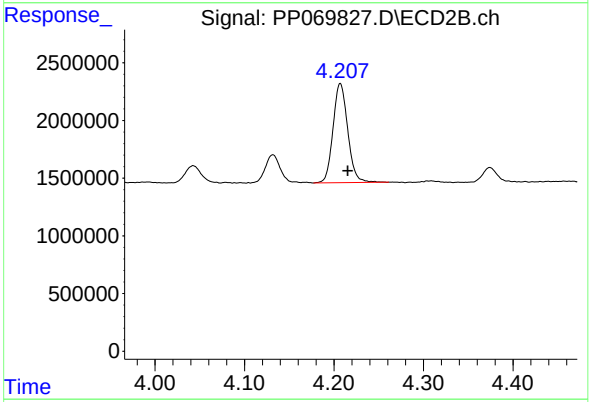
R.T.: 4.207 min
Delta R.T.: -0.011 min
Response: 9808744
Conc: 336.21 ng/ml



#11 AR-1232-1

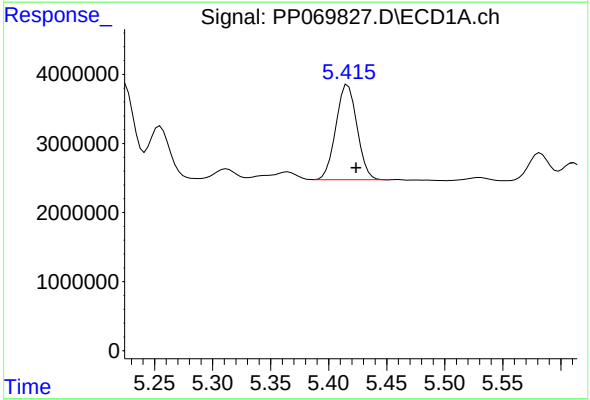
R.T.: 4.891 min
Delta R.T.: -0.006 min
Response: 13775072
Conc: 413.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



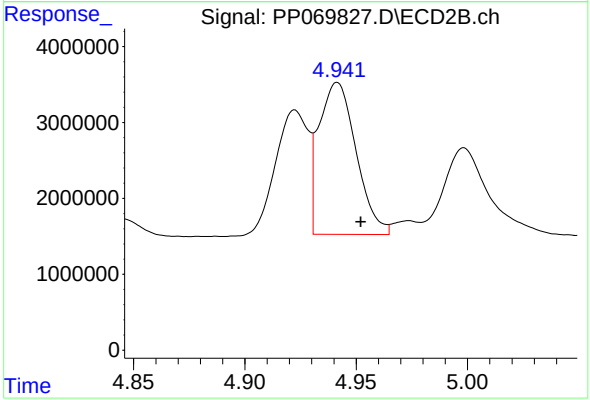
#11 AR-1232-1

R.T.: 4.207 min
Delta R.T.: -0.008 min
Response: 9808744
Conc: 417.76 ng/ml



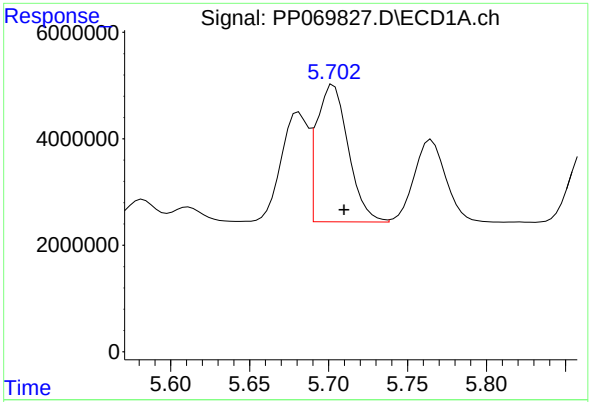
#12 AR-1232-2

R.T.: 5.417 min
Delta R.T.: -0.007 min
Response: 17484891
Conc: 1069.94 ng/ml



#12 AR-1232-2

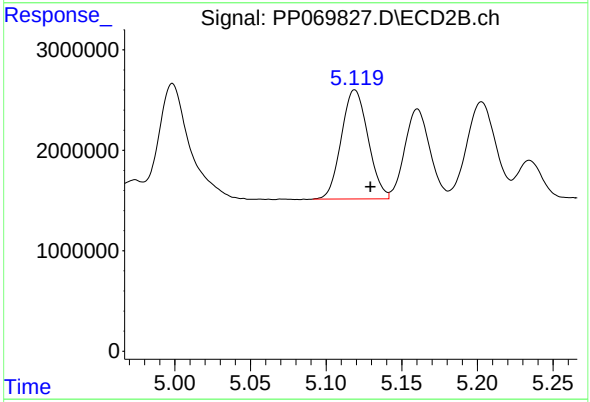
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 23267864
Conc: 987.11 ng/ml



#13 AR-1232-3

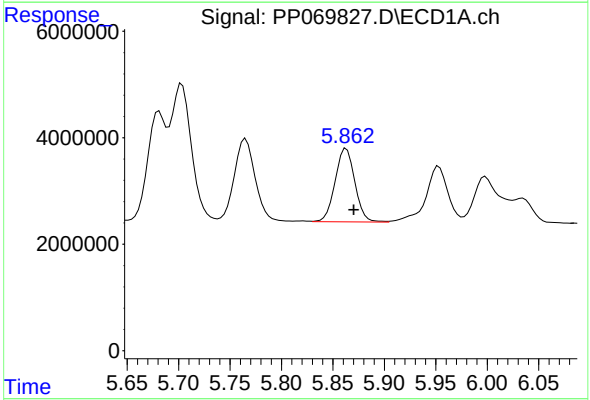
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 35892177
Conc: 1044.62 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



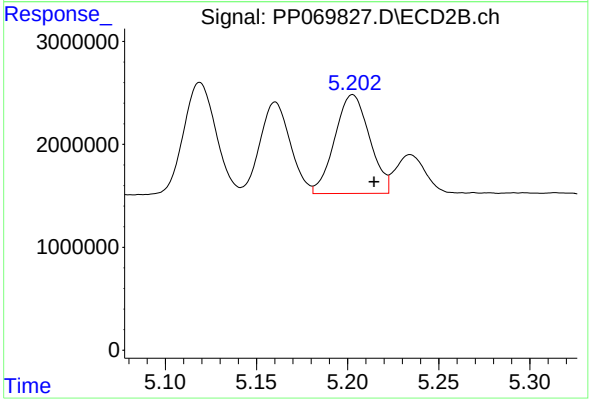
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 13340233
Conc: 1030.35 ng/ml



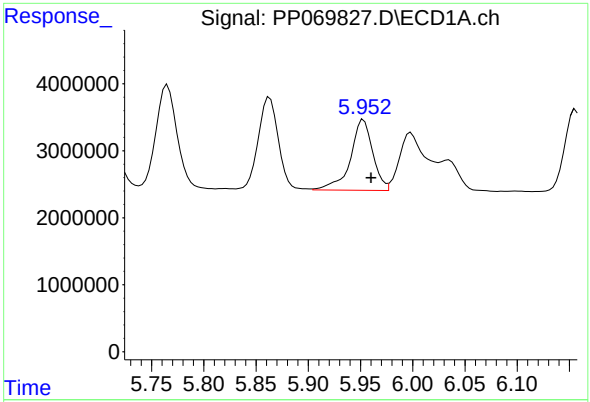
#14 AR-1232-4

R.T.: 5.863 min
Delta R.T.: -0.007 min
Response: 18396820
Conc: 1032.59 ng/ml



#14 AR-1232-4

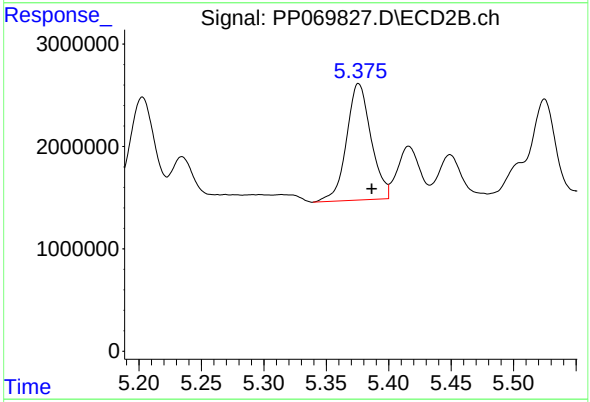
R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 12800687
Conc: 1154.64 ng/ml



#15 AR-1232-5

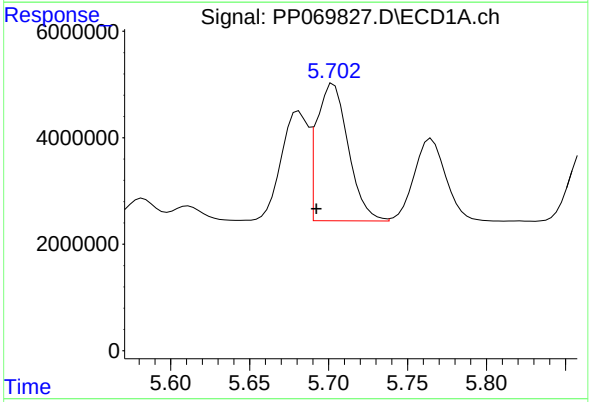
R.T.: 5.953 min
Delta R.T.: -0.007 min
Response: 15713840
Conc: 1370.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



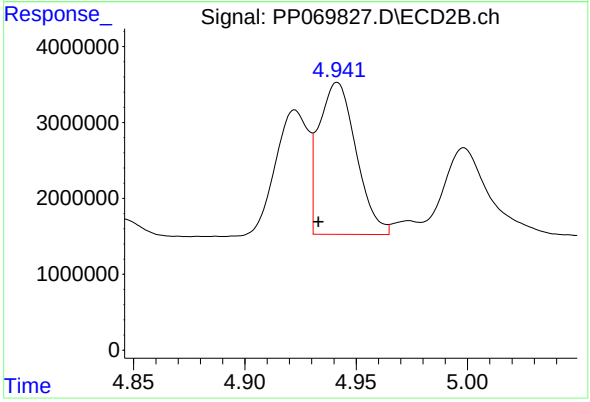
#15 AR-1232-5

R.T.: 5.376 min
Delta R.T.: -0.011 min
Response: 15569346
Conc: 1275.10 ng/ml



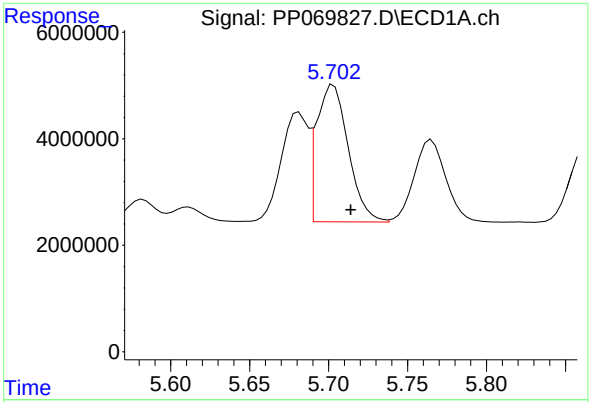
#16 AR-1242-1

R.T.: 5.703 min
Delta R.T.: 0.011 min
Response: 35892177
Conc: 860.61 ng/ml



#16 AR-1242-1

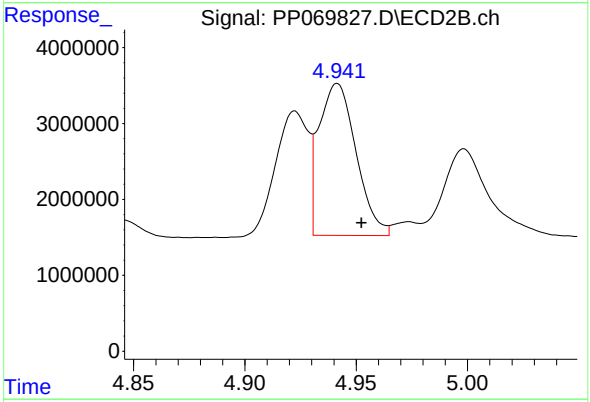
R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 23267864
Conc: 807.01 ng/ml



#17 AR-1242-2

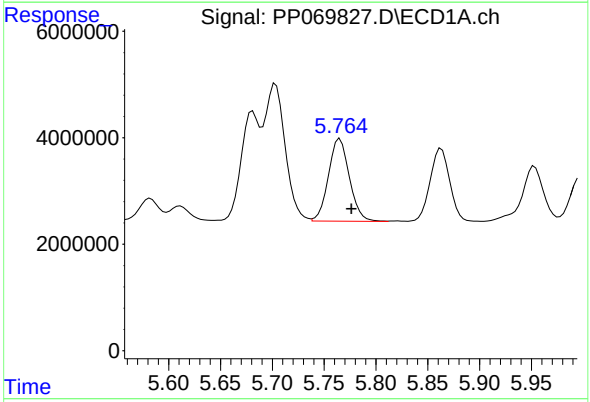
R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 35892177
Conc: 608.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



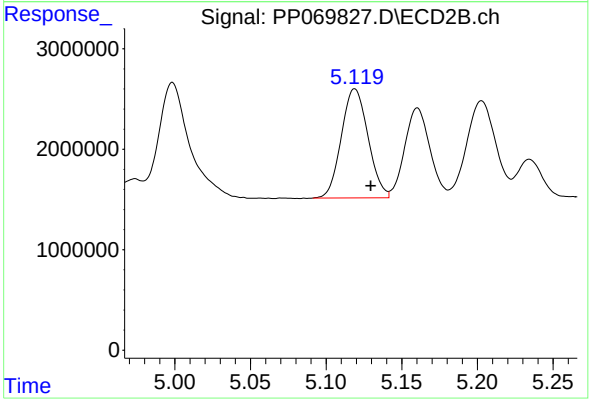
#17 AR-1242-2

R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 23267864
Conc: 590.59 ng/ml



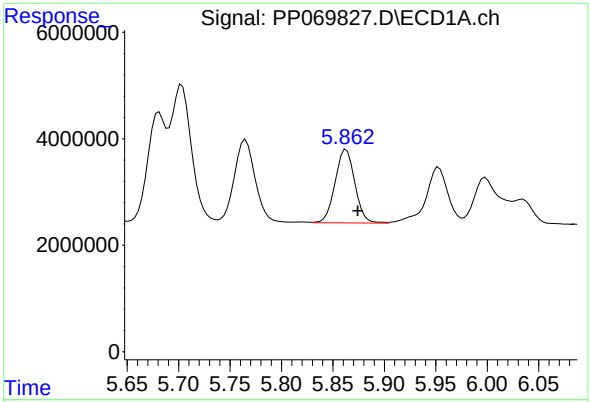
#18 AR-1242-3

R.T.: 5.765 min
Delta R.T.: -0.011 min
Response: 21792585
Conc: 587.42 ng/ml



#18 AR-1242-3

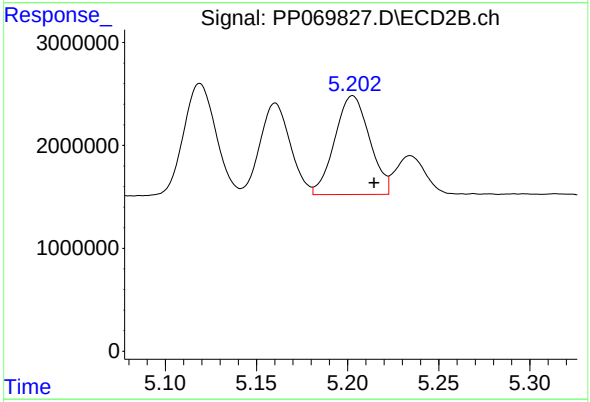
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 13340233
Conc: 592.79 ng/ml



#19 AR-1242-4

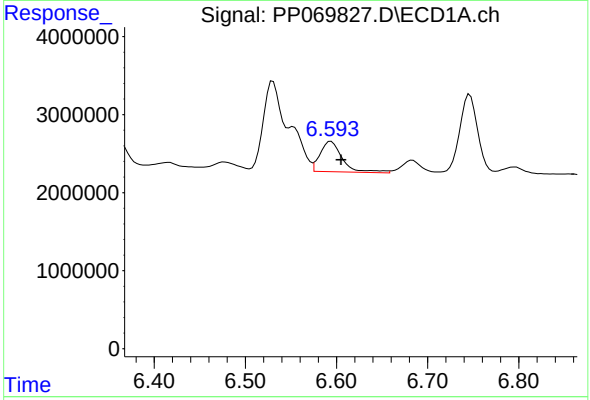
R.T.: 5.863 min
Delta R.T.: -0.011 min
Response: 18396820
Conc: 560.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



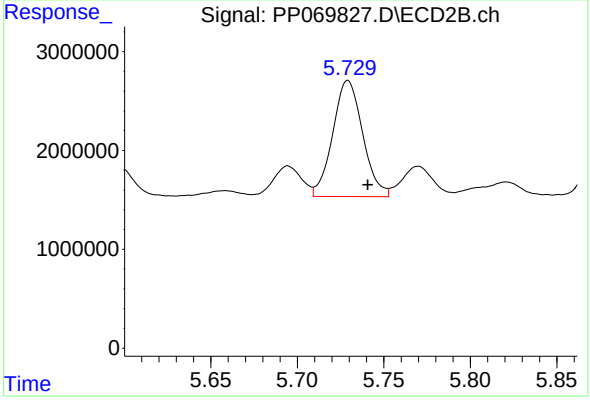
#19 AR-1242-4

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 12800687
Conc: 593.11 ng/ml



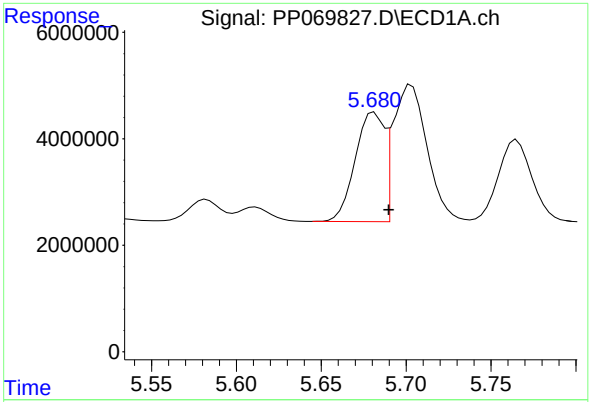
#20 AR-1242-5

R.T.: 6.594 min
Delta R.T.: -0.011 min
Response: 6562870
Conc: 201.41 ng/ml



#20 AR-1242-5

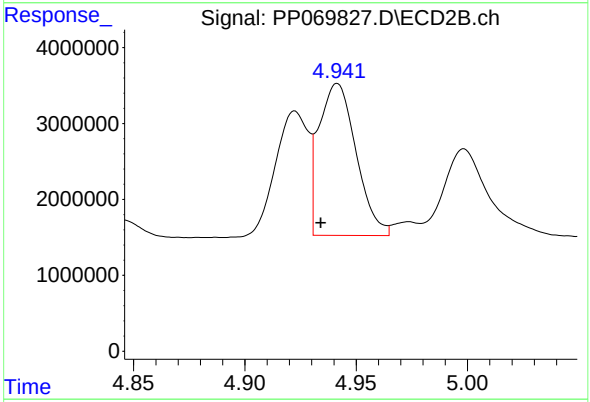
R.T.: 5.729 min
Delta R.T.: -0.011 min
Response: 14116376
Conc: 490.69 ng/ml



#21 AR-1248-1

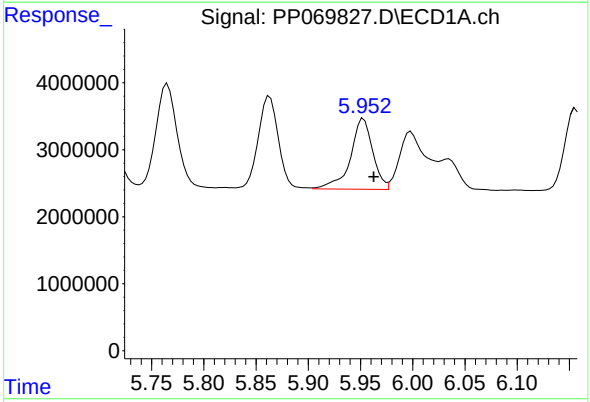
R.T.: 5.681 min
Delta R.T.: -0.009 min
Response: 24546289
Conc: 756.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



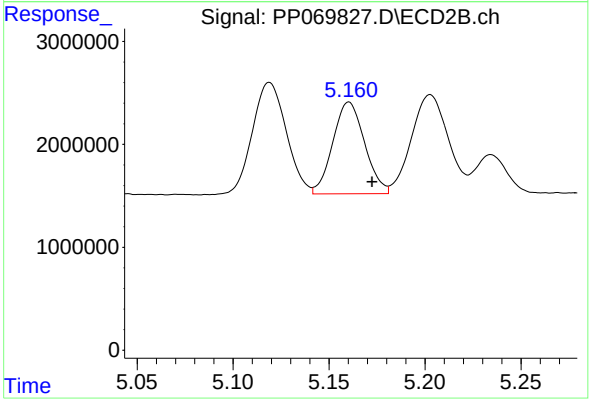
#21 AR-1248-1

R.T.: 4.941 min
Delta R.T.: 0.007 min
Response: 23267864
Conc: 1057.12 ng/ml



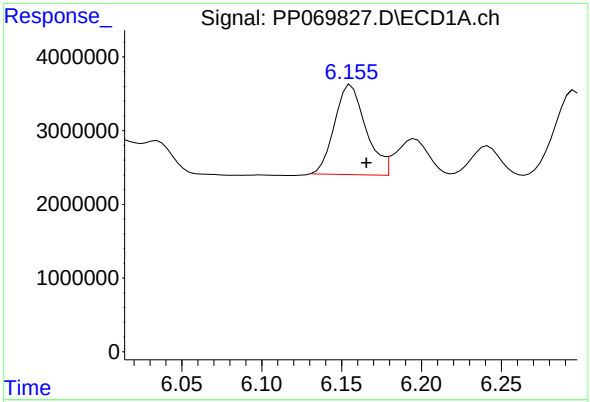
#22 AR-1248-2

R.T.: 5.953 min
Delta R.T.: -0.010 min
Response: 15713840
Conc: 370.20 ng/ml



#22 AR-1248-2

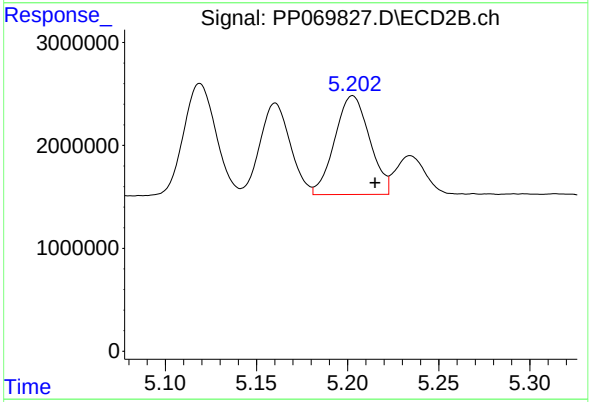
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 10329989
Conc: 343.59 ng/ml



#23 AR-1248-3

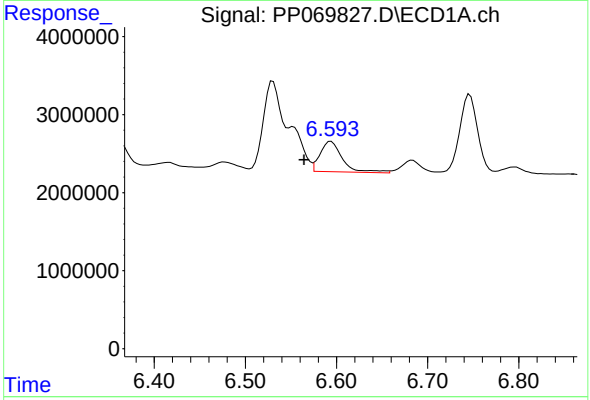
R.T.: 6.156 min
Delta R.T.: -0.010 min
Response: 16597299
Conc: 353.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



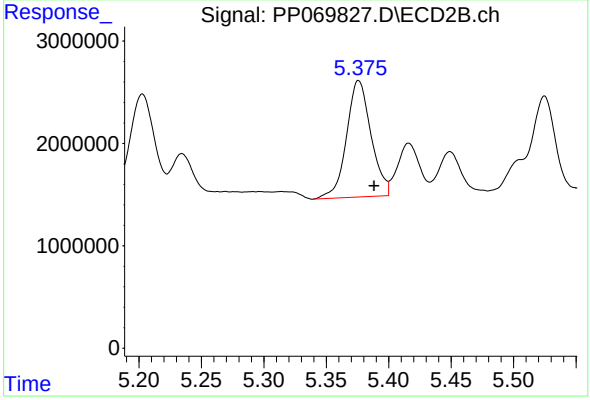
#23 AR-1248-3

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 12800687
Conc: 413.13 ng/ml



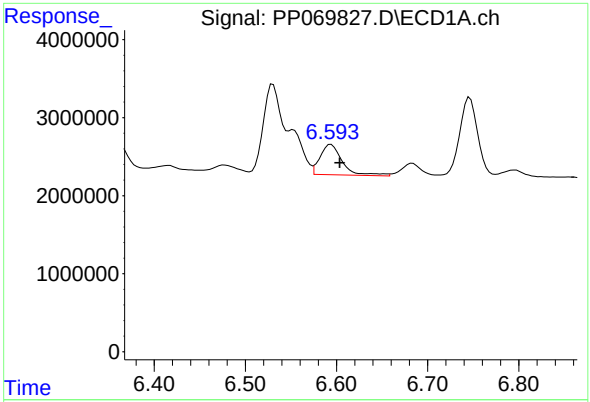
#24 AR-1248-4

R.T.: 6.594 min
Delta R.T.: 0.030 min
Response: 6562870
Conc: 119.06 ng/ml



#24 AR-1248-4

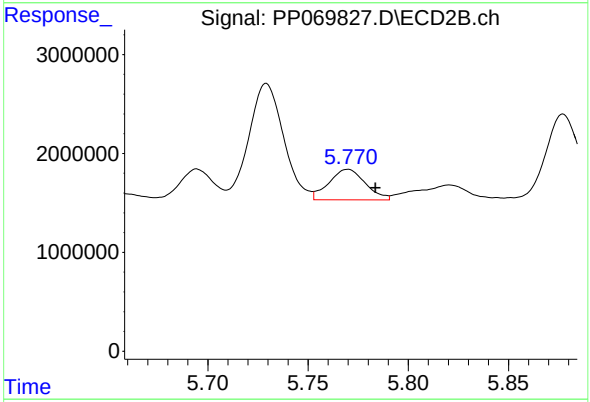
R.T.: 5.376 min
Delta R.T.: -0.012 min
Response: 15569346
Conc: 421.43 ng/ml



#25 AR-1248-5

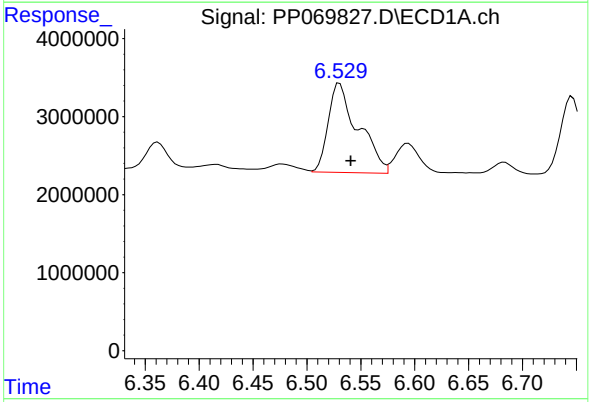
R.T.: 6.594 min
Delta R.T.: -0.010 min
Response: 6562870
Conc: 122.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



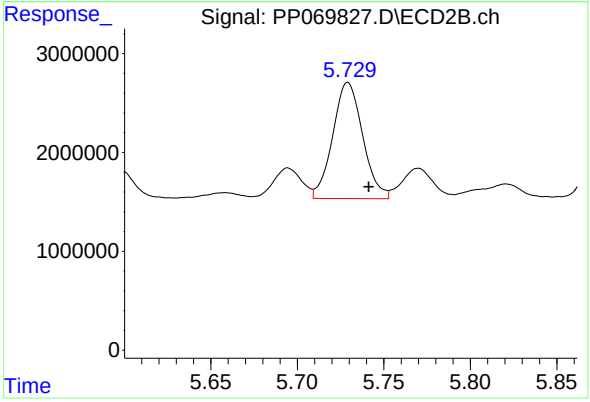
#25 AR-1248-5

R.T.: 5.770 min
Delta R.T.: -0.014 min
Response: 3897952
Conc: 104.25 ng/ml



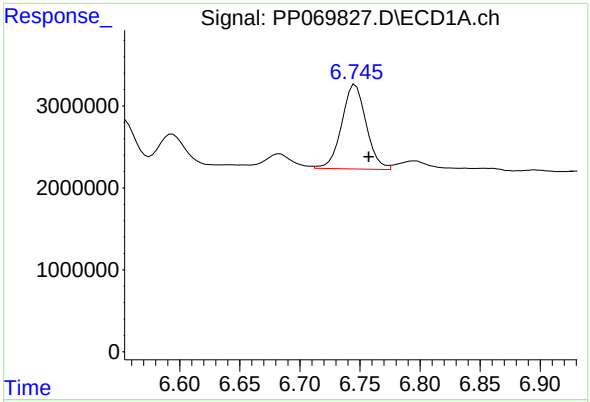
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.010 min
Response: 22050339
Conc: 381.07 ng/ml



#26 AR-1254-1

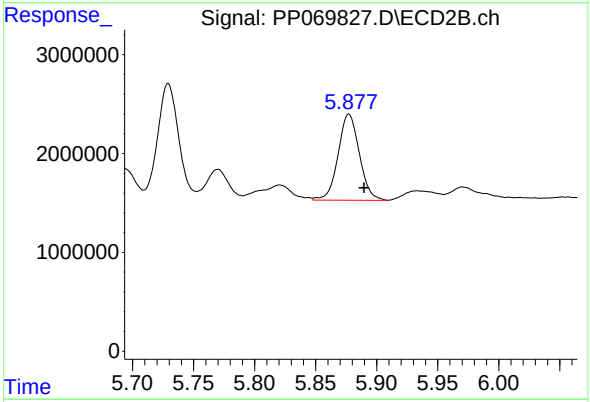
R.T.: 5.729 min
Delta R.T.: -0.012 min
Response: 14116376
Conc: 256.40 ng/ml



#27 AR-1254-2

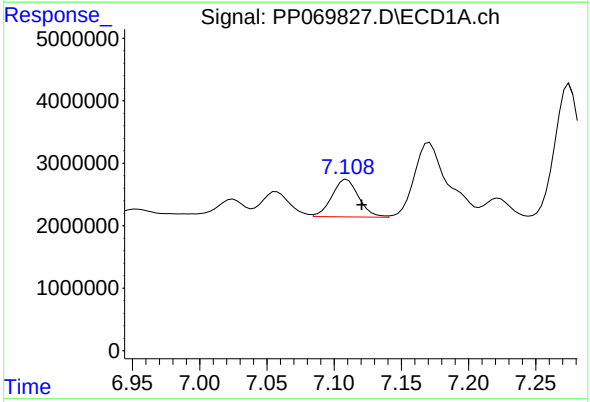
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 14580948
Conc: 181.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



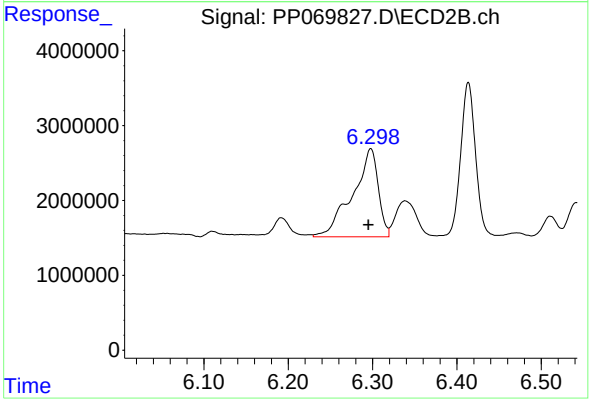
#27 AR-1254-2

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 10571429
Conc: 218.56 ng/ml



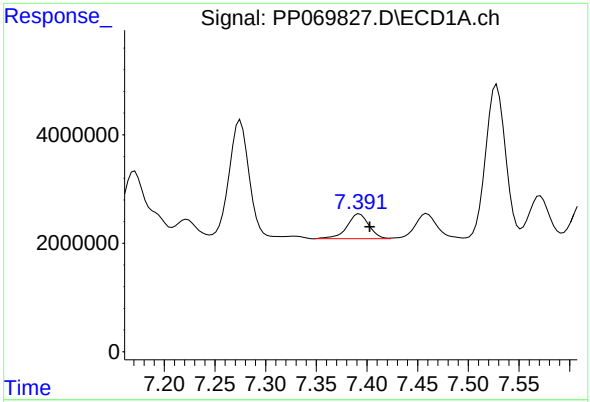
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 8262760
Conc: 98.03 ng/ml



#28 AR-1254-3

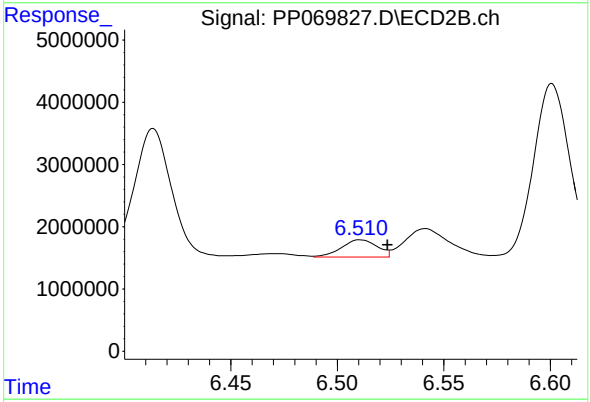
R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 24896812
Conc: 328.04 ng/ml



#29 AR-1254-4

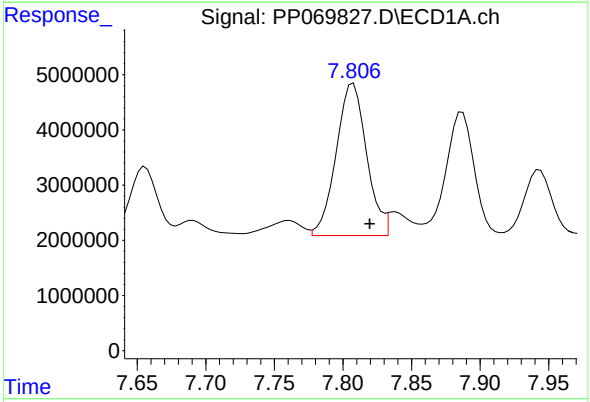
R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 6927955
Conc: 101.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



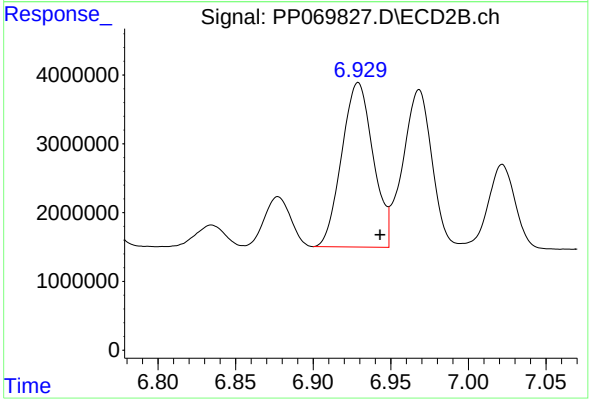
#29 AR-1254-4

R.T.: 6.511 min
Delta R.T.: -0.013 min
Response: 3248906
Conc: 63.39 ng/ml



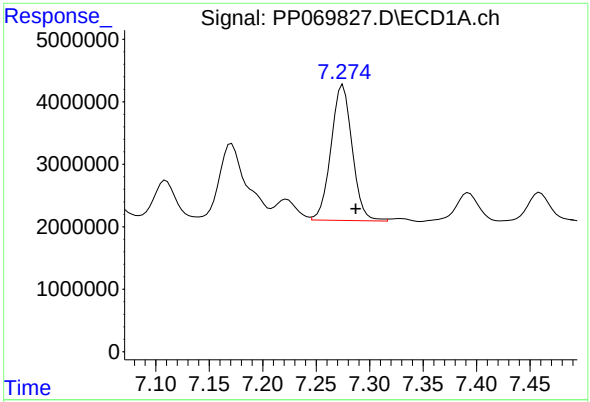
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 42689974
Conc: 627.37 ng/ml



#30 AR-1254-5

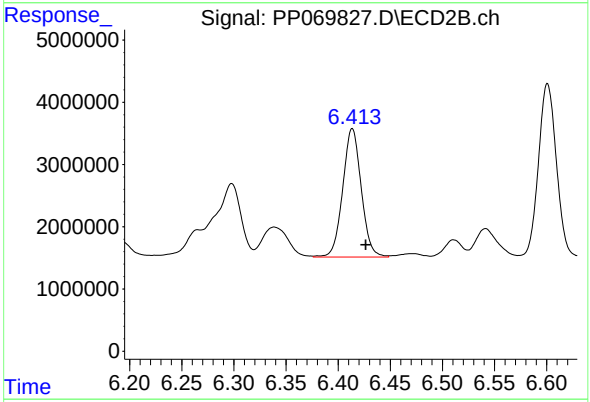
R.T.: 6.929 min
Delta R.T.: -0.014 min
Response: 33631201
Conc: 505.27 ng/ml



#31 AR-1260-1

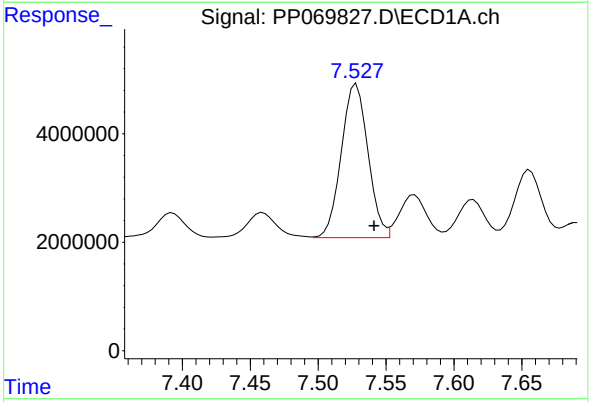
R.T.: 7.275 min
Delta R.T.: -0.012 min
Response: 29919445
Conc: 512.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



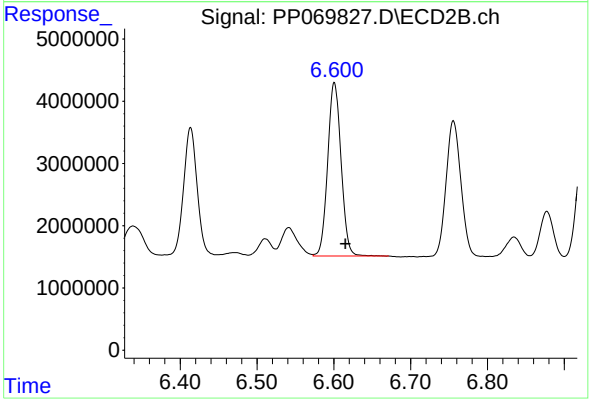
#31 AR-1260-1

R.T.: 6.414 min
Delta R.T.: -0.013 min
Response: 25482579
Conc: 528.36 ng/ml



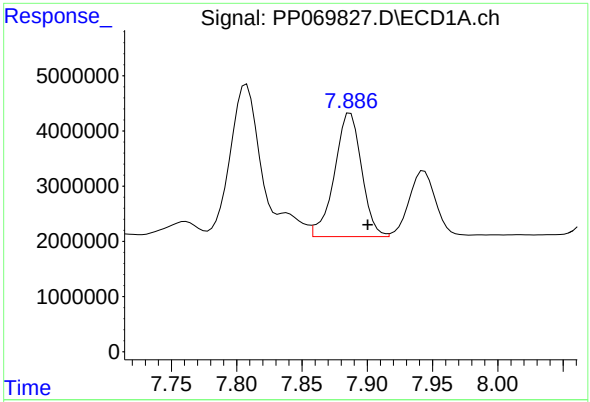
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.013 min
Response: 38788502
Conc: 498.48 ng/ml



#32 AR-1260-2

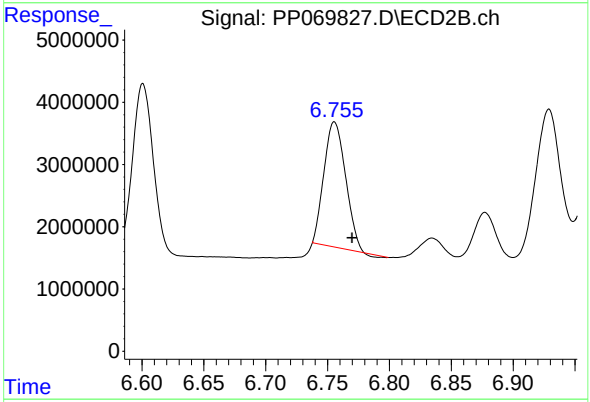
R.T.: 6.601 min
Delta R.T.: -0.014 min
Response: 33381984
Conc: 544.53 ng/ml



#33 AR-1260-3

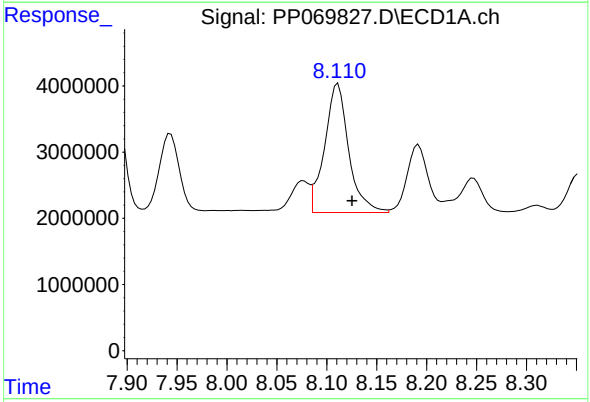
R.T.: 7.887 min
Delta R.T.: -0.013 min
Response: 32420694
Conc: 518.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



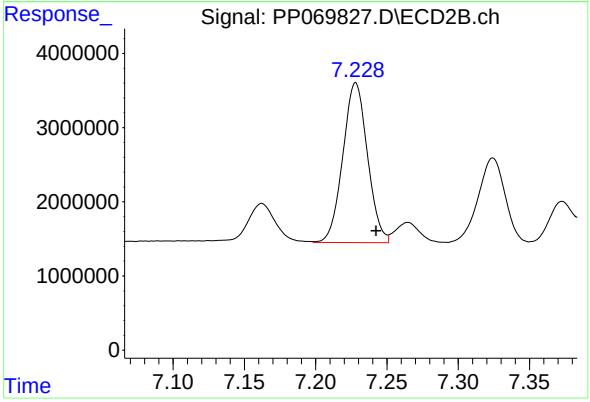
#33 AR-1260-3

R.T.: 6.756 min
Delta R.T.: -0.014 min
Response: 24343873
Conc: 404.68 ng/ml



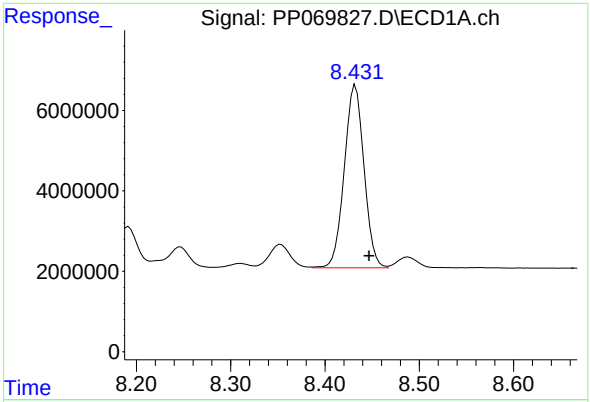
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.014 min
Response: 32842365
Conc: 497.79 ng/ml



#34 AR-1260-4

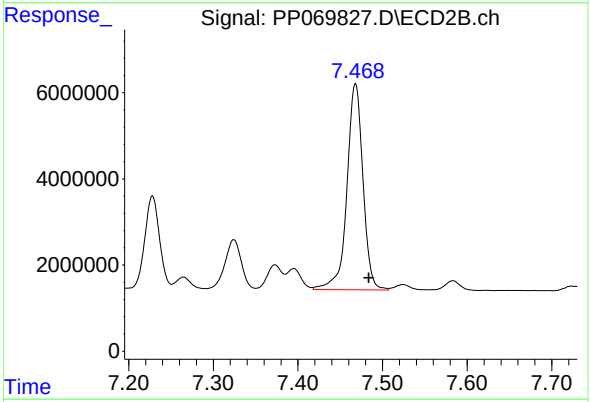
R.T.: 7.228 min
Delta R.T.: -0.014 min
Response: 25952369
Conc: 558.50 ng/ml



#35 AR-1260-5

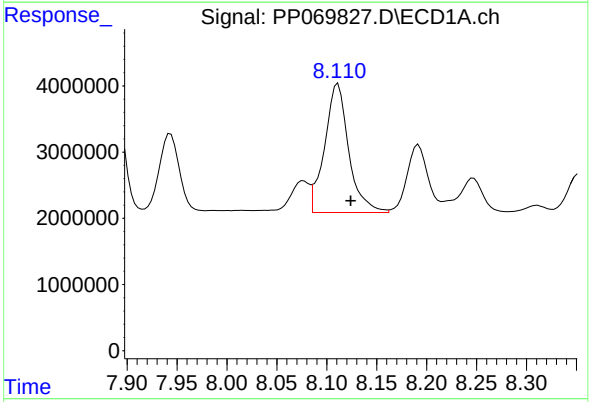
R.T.: 8.432 min
Delta R.T.: -0.014 min
Response: 66092349
Conc: 504.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



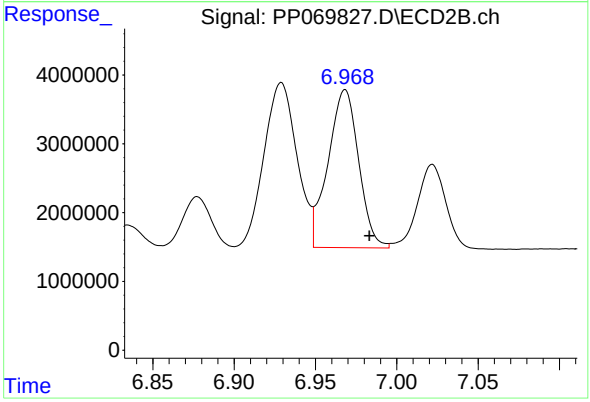
#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 63086888
Conc: 567.61 ng/ml



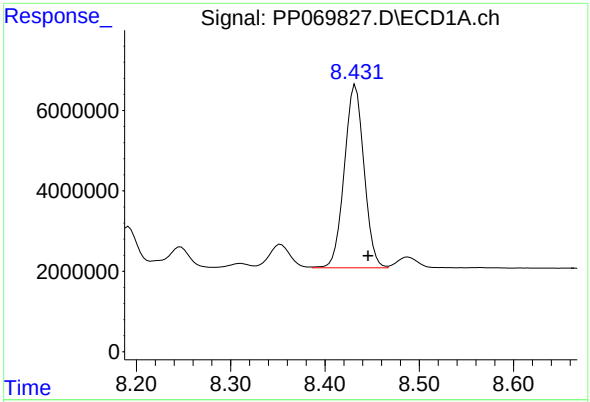
#36 AR-1262-1

R.T.: 8.111 min
Delta R.T.: -0.013 min
Response: 32842365
Conc: 415.63 ng/ml



#36 AR-1262-1

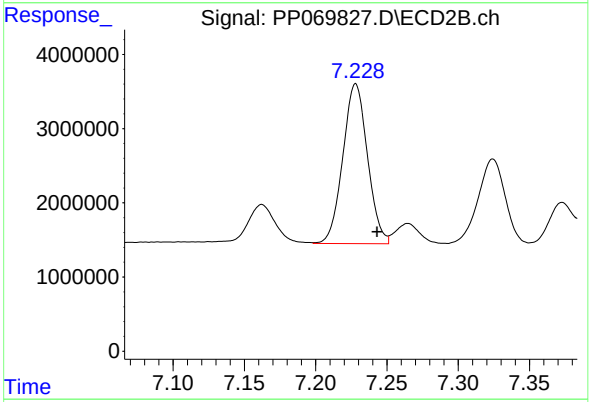
R.T.: 6.968 min
Delta R.T.: -0.015 min
Response: 30122626
Conc: 424.18 ng/ml



#37 AR-1262-2

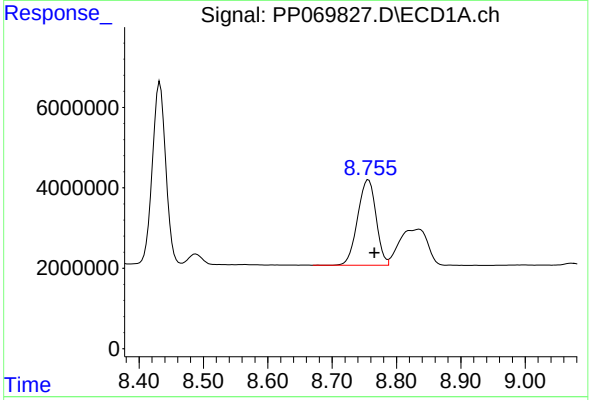
R.T.: 8.432 min
Delta R.T.: -0.013 min
Response: 66092349
Conc: 432.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



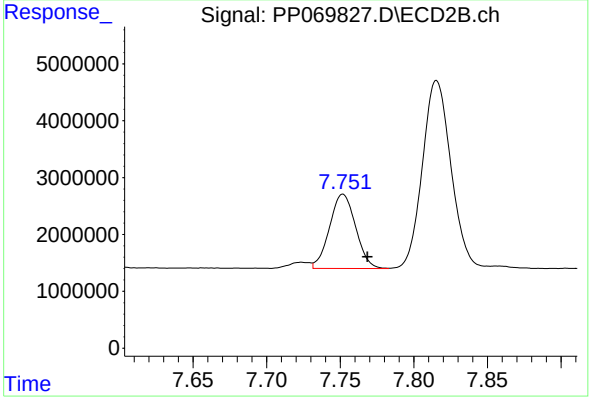
#37 AR-1262-2

R.T.: 7.228 min
Delta R.T.: -0.015 min
Response: 25952369
Conc: 425.59 ng/ml



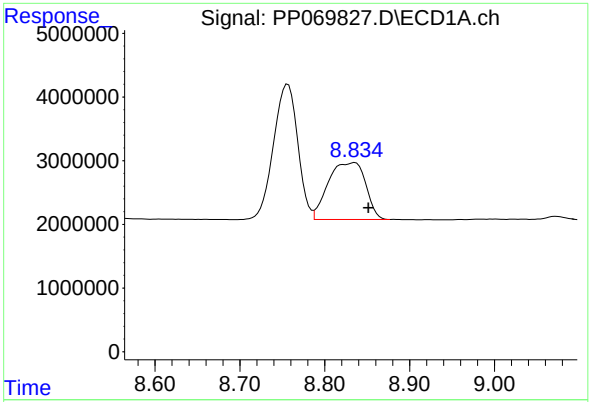
#38 AR-1262-3

R.T.: 8.757 min
Delta R.T.: -0.009 min
Response: 42098702
Conc: 396.11 ng/ml



#38 AR-1262-3

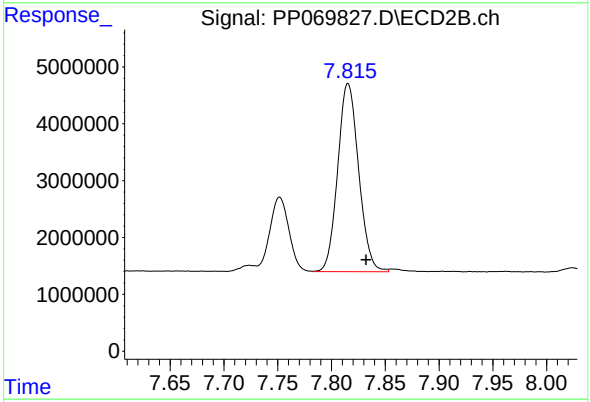
R.T.: 7.752 min
Delta R.T.: -0.017 min
Response: 16128511
Conc: 308.39 ng/ml



#39 AR-1262-4

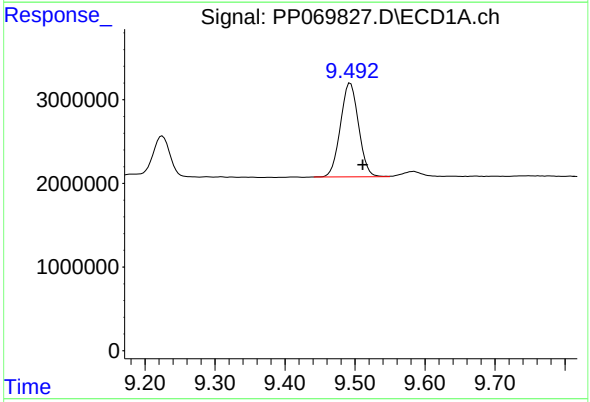
R.T.: 8.836 min
Delta R.T.: -0.016 min
Response: 27324890
Conc: 334.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



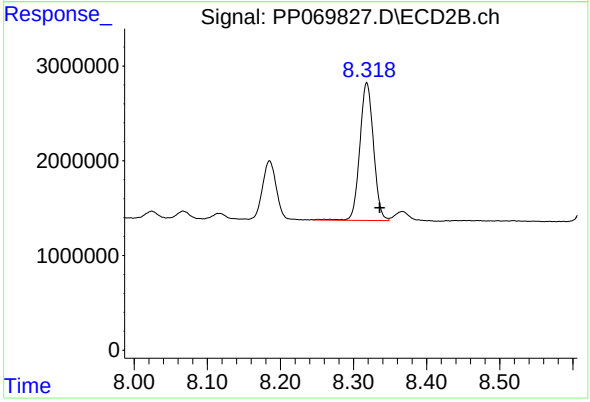
#39 AR-1262-4

R.T.: 7.815 min
Delta R.T.: -0.017 min
Response: 44840565
Conc: 485.10 ng/ml



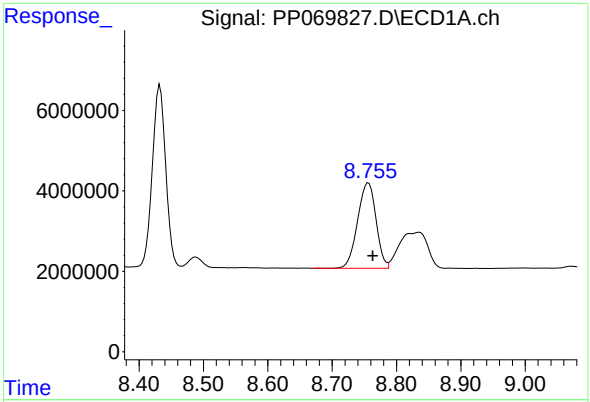
#40 AR-1262-5

R.T.: 9.493 min
Delta R.T.: -0.018 min
Response: 20164569
Conc: 356.20 ng/ml



#40 AR-1262-5

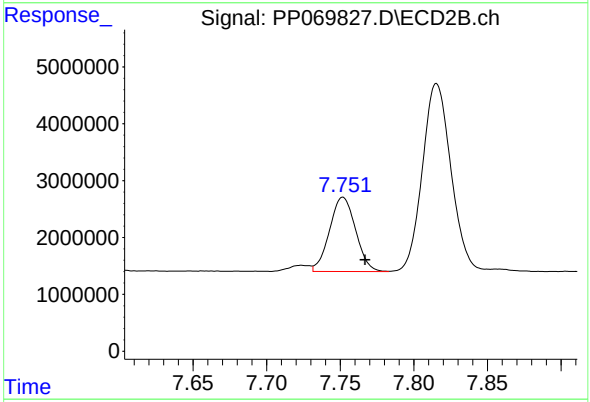
R.T.: 8.318 min
Delta R.T.: -0.018 min
Response: 18892963
Conc: 395.31 ng/ml



#41 AR-1268-1

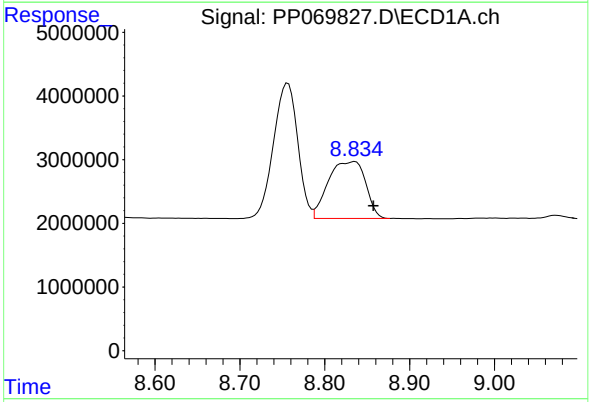
R.T.: 8.757 min
Delta R.T.: -0.006 min
Response: 42098702
Conc: 238.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



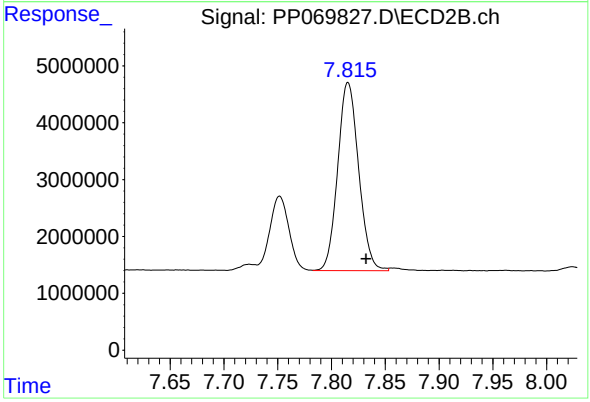
#41 AR-1268-1

R.T.: 7.752 min
Delta R.T.: -0.015 min
Response: 16128511
Conc: 111.14 ng/ml



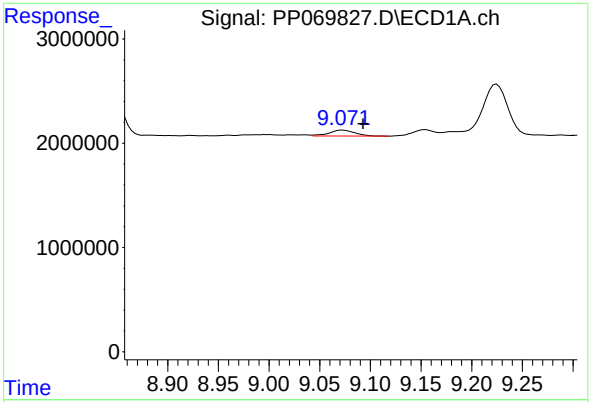
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: -0.022 min
Response: 27324890
Conc: 173.63 ng/ml



#42 AR-1268-2

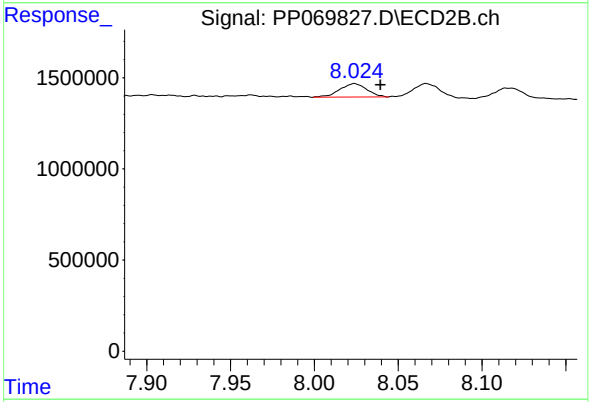
R.T.: 7.815 min
Delta R.T.: -0.017 min
Response: 44840565
Conc: 337.62 ng/ml



#43 AR-1268-3

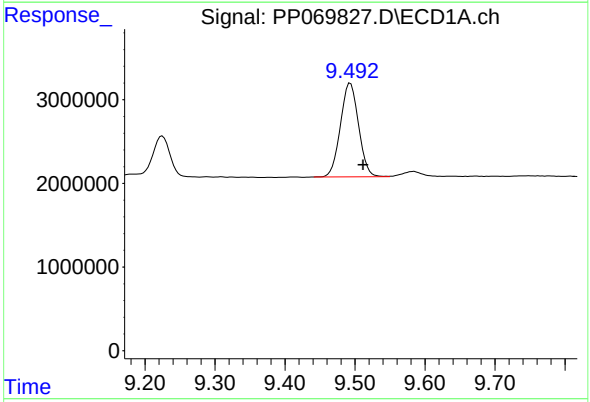
R.T.: 9.072 min
Delta R.T.: -0.021 min
Response: 1001243
Conc: 7.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



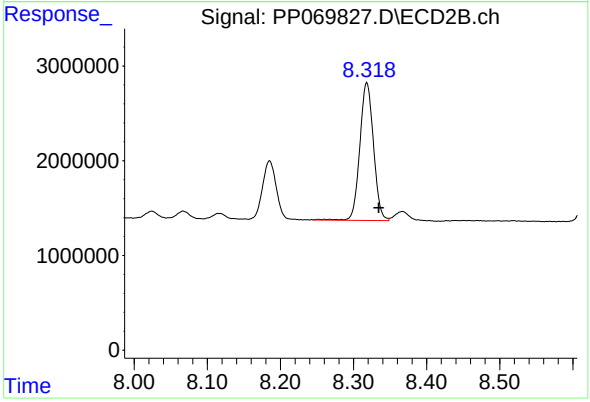
#43 AR-1268-3

R.T.: 8.024 min
Delta R.T.: -0.015 min
Response: 815570
Conc: 7.17 ng/ml



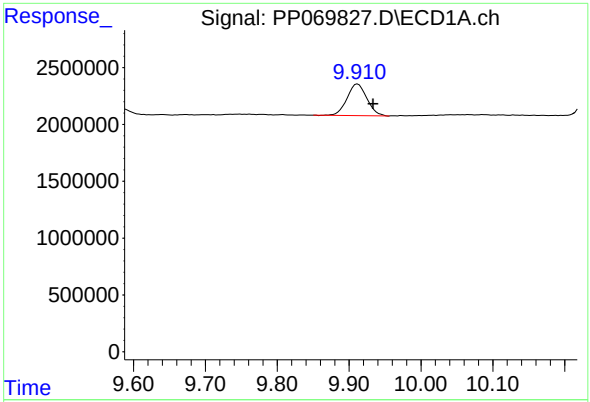
#44 AR-1268-4

R.T.: 9.493 min
Delta R.T.: -0.018 min
Response: 20164569
Conc: 343.40 ng/ml



#44 AR-1268-4

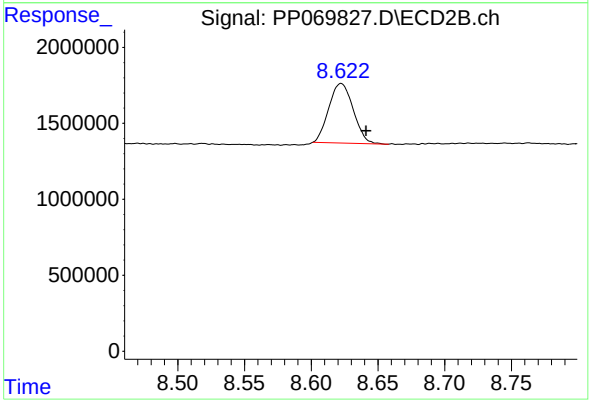
R.T.: 8.318 min
Delta R.T.: -0.016 min
Response: 18892963
Conc: 362.78 ng/ml



#45 AR-1268-5

R.T.: 9.912 min
Delta R.T.: -0.022 min
Response: 5345998
Conc: 14.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 5002152
Conc: 14.04 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 09:19
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:17:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.522	3.829	79348983	42232072	55.431	47.317	
2)	SA Decachlor...	10.249	8.886	56834843	54078592	52.004	48.350	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.938	880155	492427	18.996	15.098	
4)	L1 AR-1016-2	5.699	4.938	880155	492427	12.967	10.953	
5)	L1 AR-1016-3	0.000	5.116	0	256323	N.D.	10.301	#
6)	L1 AR-1016-4	5.856	5.157	408210	10389564	11.663	514.430	#
7)	L1 AR-1016-5	6.149	5.371	7584834	10271872	229.436	382.937	#
8)	L2 AR-1221-1	0.000	4.049	0	176888	N.D.	14.360	#
9)	L2 AR-1221-2	4.823	4.131	1334610	866284	97.470	89.461	
10)	L2 AR-1221-3	0.000	4.201	0	376486	N.D.	12.905	#
11)	L3 AR-1232-1	0.000	4.201	0	376486	N.D.	16.035	#
12)	L3 AR-1232-2	0.000	4.938	0	492427	N.D.	20.891	#
13)	L3 AR-1232-3	5.699	5.116	880155	256323	25.616	19.797	
14)	L3 AR-1232-4	5.856	5.231	408210	579458	22.912	52.268	#
15)	L3 AR-1232-5	5.947	5.371	15810621	10271872	1379.344	841.245	#
16)	L4 AR-1242-1	5.699	4.938	880155	492427	21.104	17.079	
17)	L4 AR-1242-2	5.699	4.938	880155	492427	14.920	12.499	
18)	L4 AR-1242-3	0.000	5.116	0	256323	N.D.	11.390	#
19)	L4 AR-1242-4	5.856	5.231	408210	579458	12.447	26.849	#
20)	L4 AR-1242-5	6.591	5.726	12291583	28648896	377.224	995.847	#
21)	L5 AR-1248-1	5.699	4.938	880155	492427	27.133	22.372	
22)	L5 AR-1248-2	5.947	5.157	15810621	10389564	372.484	345.575	
23)	L5 AR-1248-3	6.149	5.231	7584834	579458	161.424	18.702	#
24)	L5 AR-1248-4	6.548	5.371	14254456	10271872	258.602	278.041	
25)	L5 AR-1248-5	6.591	5.766	12291583	4180590	230.249	111.812	#
26)	L6 AR-1254-1	6.548	5.726	14254456	28648896	246.345	520.361	#
27)	L6 AR-1254-2	6.741	5.874	44688002	24918713	556.916	515.182	
28)	L6 AR-1254-3	7.104	6.279	43985317	39382350	521.843	518.898	
29)	L6 AR-1254-4	7.386	6.537	35814101	5703810	525.227	111.294	#
30)	L6 AR-1254-5	7.831	6.926	5208811	34792192	76.548	522.716	#
31)	L7 AR-1260-1	7.269	6.410	18815814	20920897	321.989	433.778	#
32)	L7 AR-1260-2	7.523	6.598	21740903	17845115	279.400	291.094	
33)	L7 AR-1260-3	7.865f	6.751	4874927	8703260	77.975	144.677	#
34)	L7 AR-1260-4	8.089f	7.224	14217881	1986619	215.498	42.753	#
35)	L7 AR-1260-5	8.425	7.496	5381121	1394802	41.100	12.549	#
36)	L8 AR-1262-1	8.089	6.996	14217881	2935236	179.932	41.334	#
37)	L8 AR-1262-2	8.425	7.261	5381121	9079892	35.188	148.901	#
38)	L8 AR-1262-3	8.753	7.750	4187995	321793	39.405	6.153	#
39)	L8 AR-1262-4	8.796f	7.810	1217696	4604982	14.888	49.818	#
40)	L8 AR-1262-5	0.000	8.316	0	223864	N.D.	4.684	#
41)	L9 AR-1268-1	8.753	7.750	4187995	321793	23.717	2.217	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 09:19
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:17:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.796f	7.810	1217696	4604982	7.738	34.672 #
43) L9	AR-1268-3	0.000	8.020	0	211477	N.D.	1.859 #
44) L9	AR-1268-4	0.000	8.316	0	223864	N.D.	4.299 #
45) L9	AR-1268-5	0.000	8.618	0	352178	N.D.	0.989 #

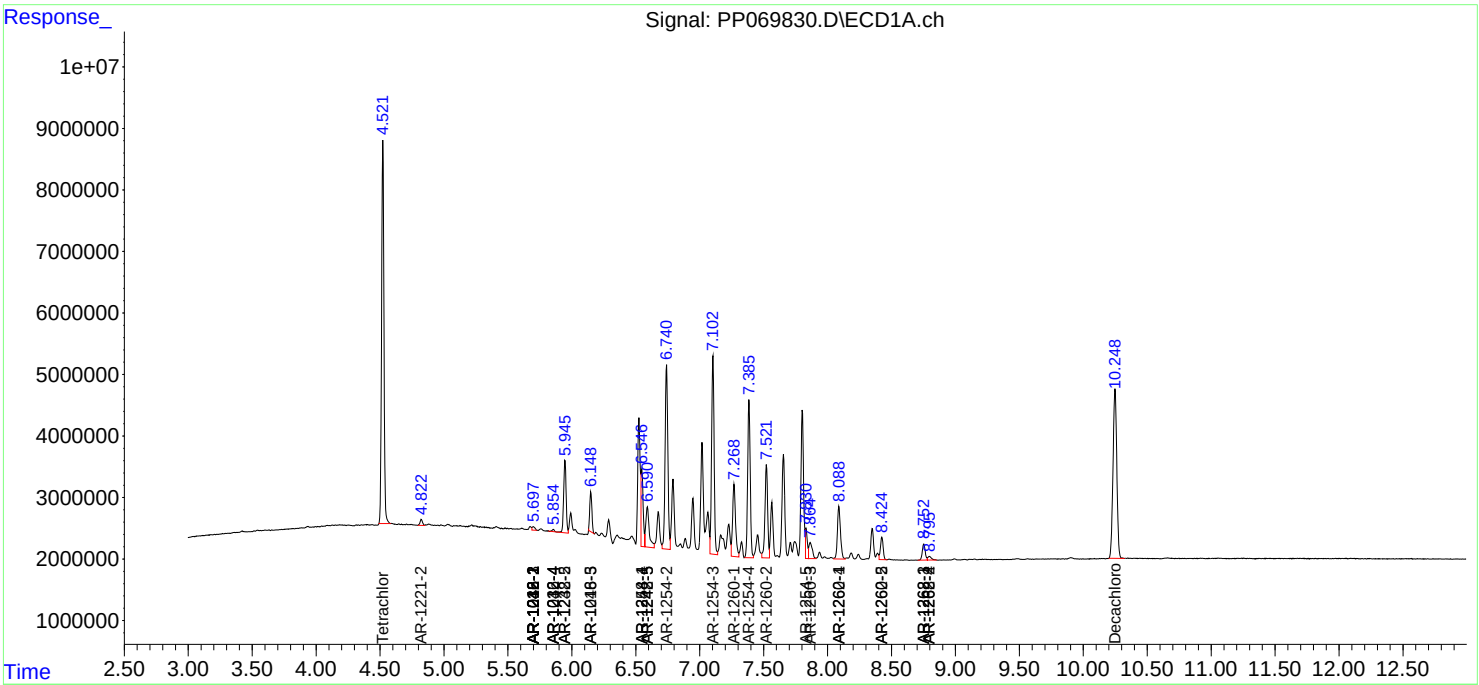
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

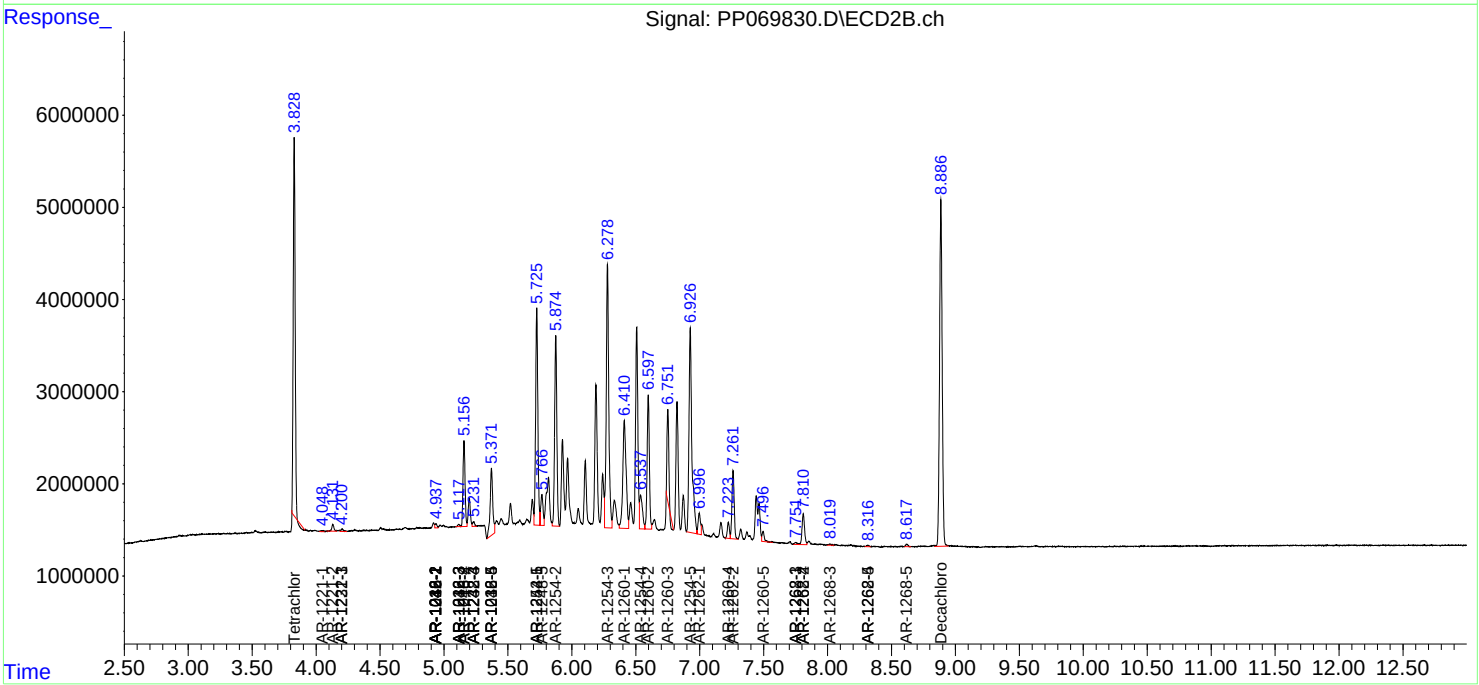
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069830.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 09:19
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

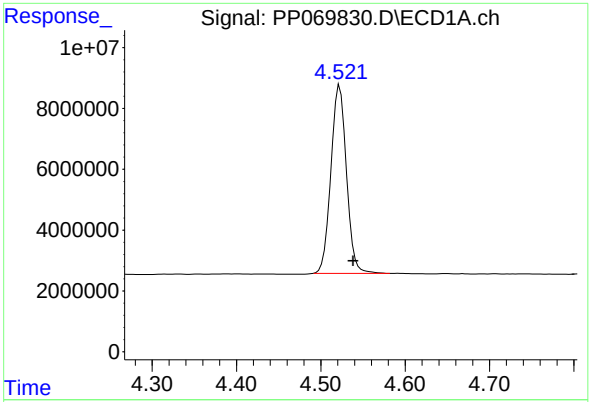
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:17:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



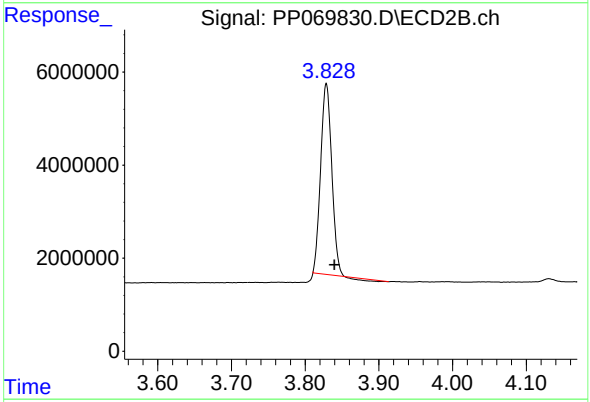




#1 Tetrachloro-m-xylene

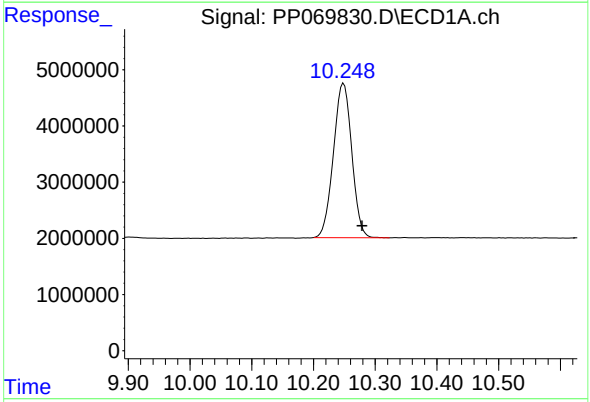
R.T.: 4.522 min
Delta R.T.: -0.016 min
Response: 79348983
Conc: 55.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



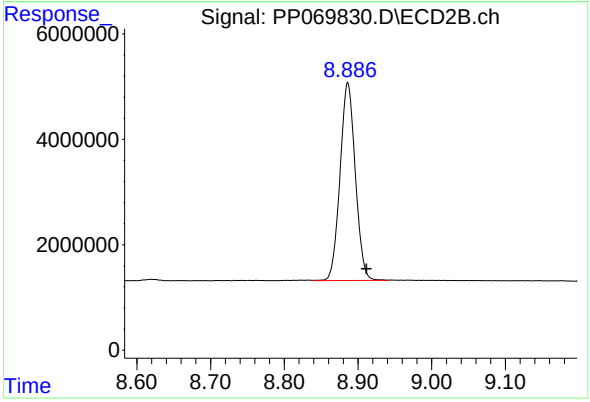
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 42232072
Conc: 47.32 ng/ml



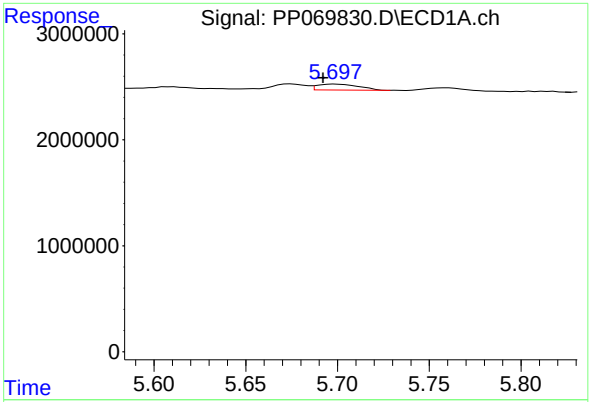
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.030 min
Response: 56834843
Conc: 52.00 ng/ml



#2 Decachlorobiphenyl

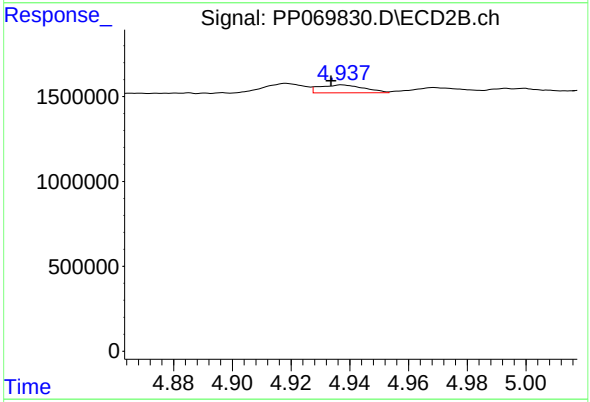
R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 54078592
Conc: 48.35 ng/ml



#3 AR-1016-1

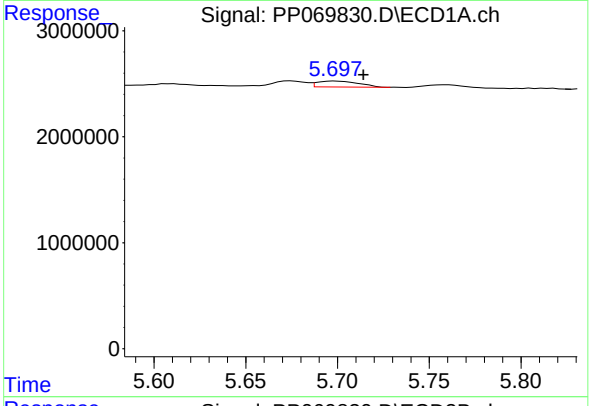
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 880155
Conc: 19.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



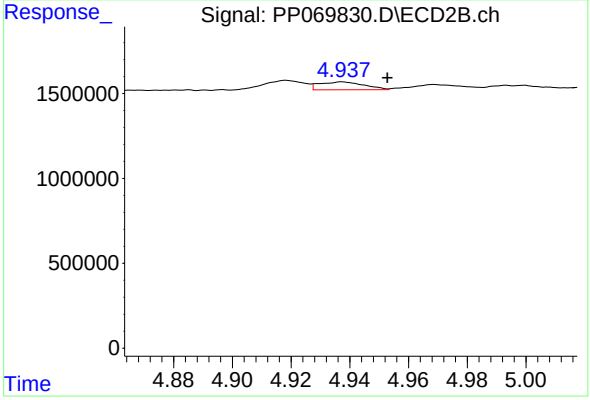
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 492427
Conc: 15.10 ng/ml



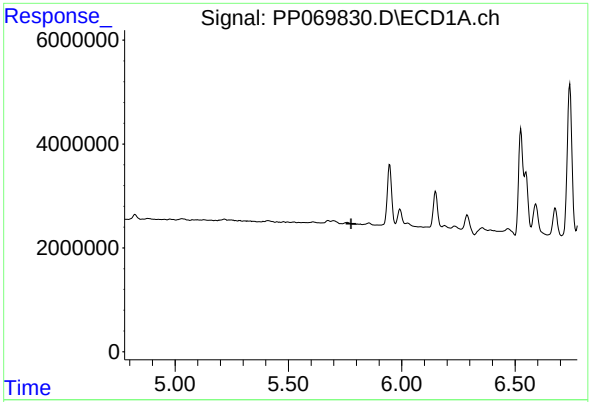
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 880155
Conc: 12.97 ng/ml



#4 AR-1016-2

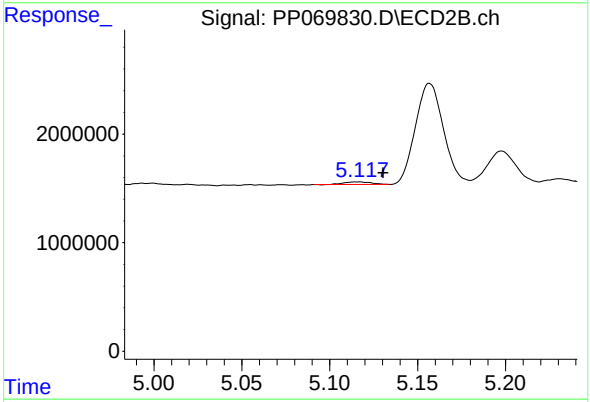
R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 492427
Conc: 10.95 ng/ml



#5 AR-1016-3

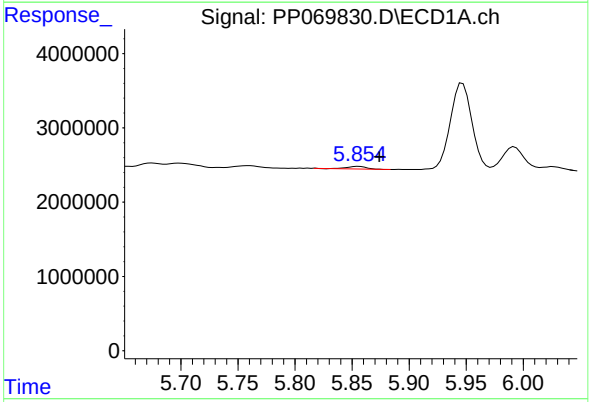
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



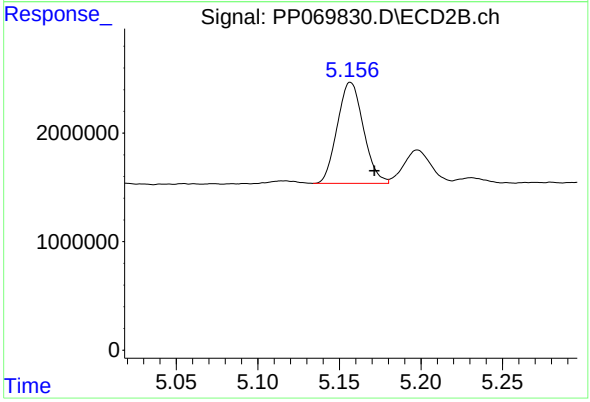
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 256323
Conc: 10.30 ng/ml



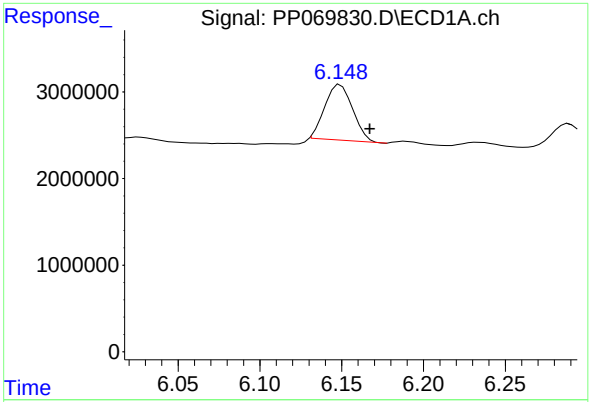
#6 AR-1016-4

R.T.: 5.856 min
Delta R.T.: -0.018 min
Response: 408210
Conc: 11.66 ng/ml



#6 AR-1016-4

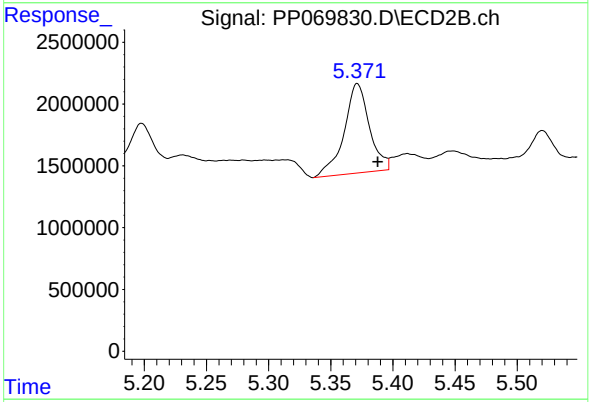
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 10389564
Conc: 514.43 ng/ml



#7 AR-1016-5

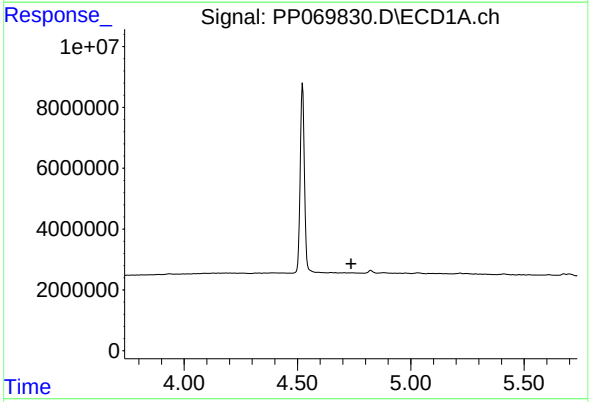
R.T.: 6.149 min
Delta R.T.: -0.018 min
Response: 7584834
Conc: 229.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



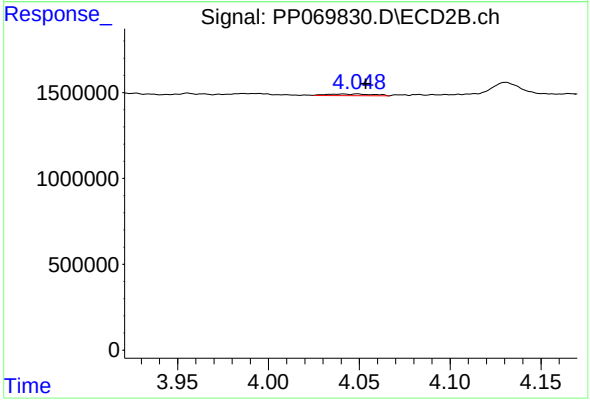
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 10271872
Conc: 382.94 ng/ml



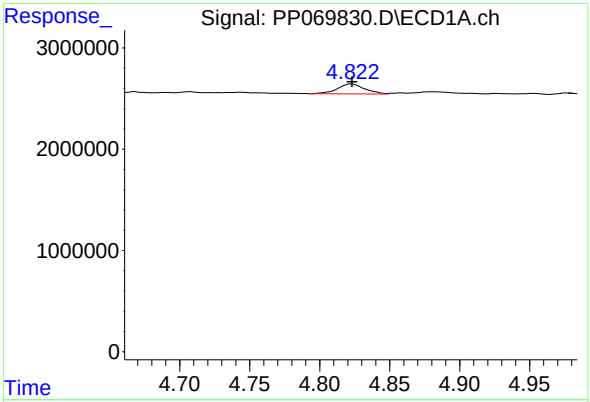
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

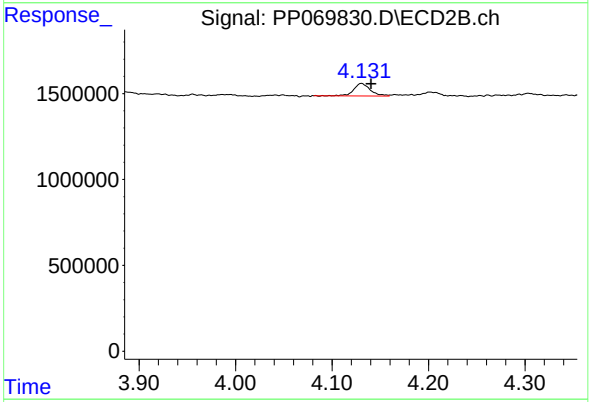
R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 176888
Conc: 14.36 ng/ml



#9 AR-1221-2

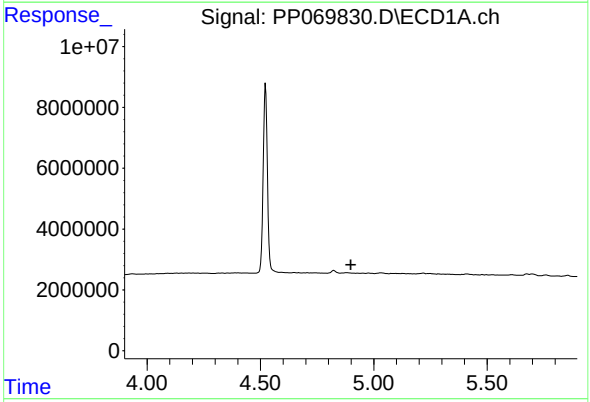
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 1334610
Conc: 97.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



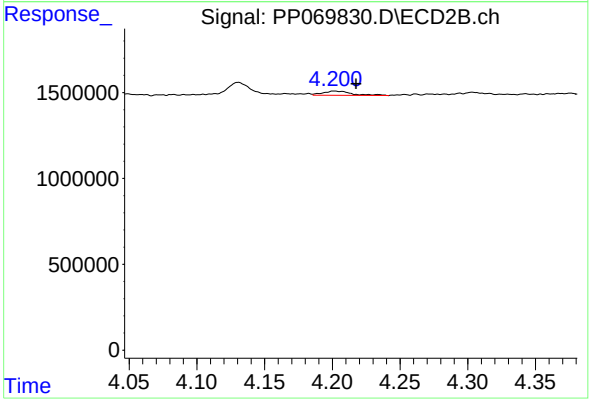
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.010 min
Response: 866284
Conc: 89.46 ng/ml



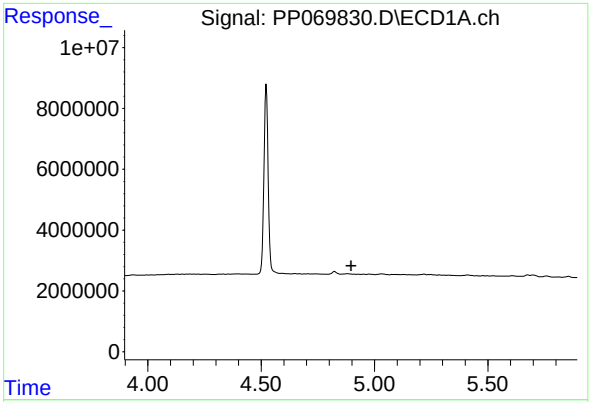
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

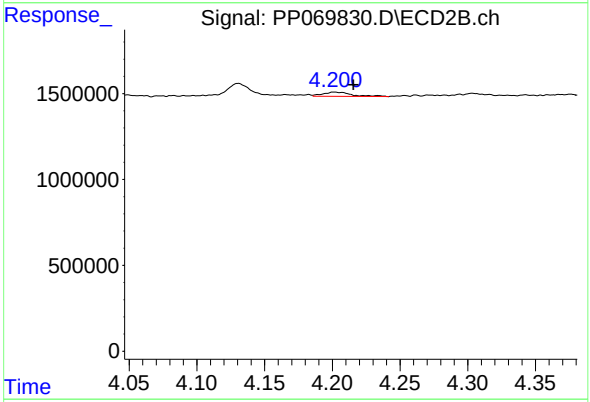
R.T.: 4.201 min
Delta R.T.: -0.016 min
Response: 376486
Conc: 12.90 ng/ml



#11 AR-1232-1

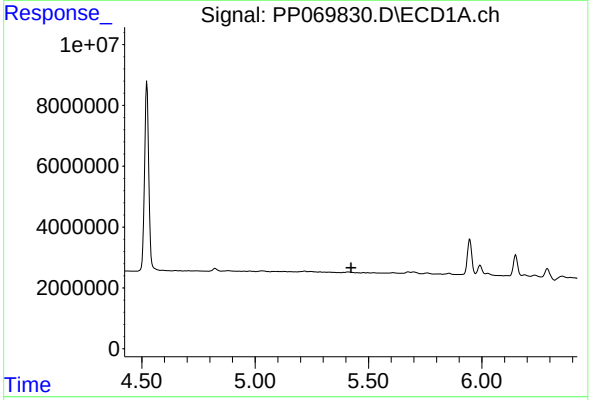
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



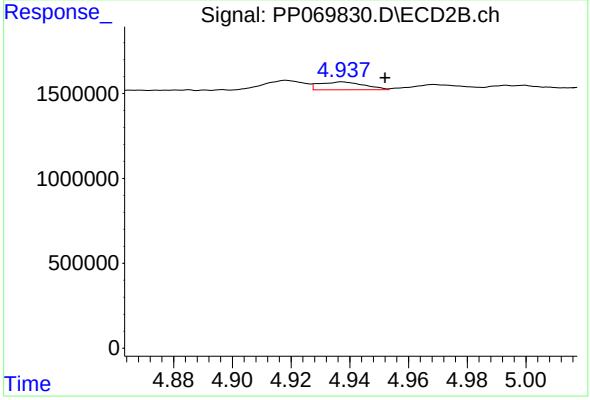
#11 AR-1232-1

R.T.: 4.201 min
Delta R.T.: -0.014 min
Response: 376486
Conc: 16.03 ng/ml



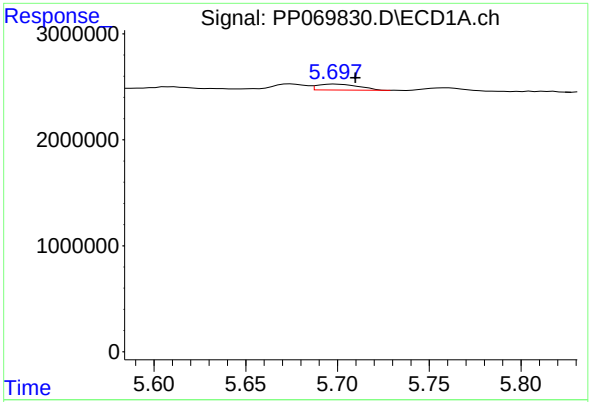
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

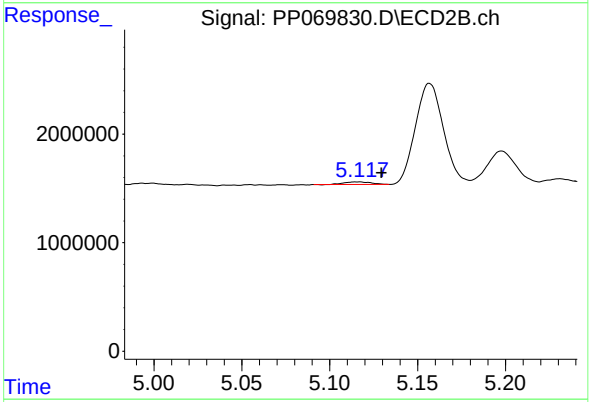
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 492427
Conc: 20.89 ng/ml



#13 AR-1232-3

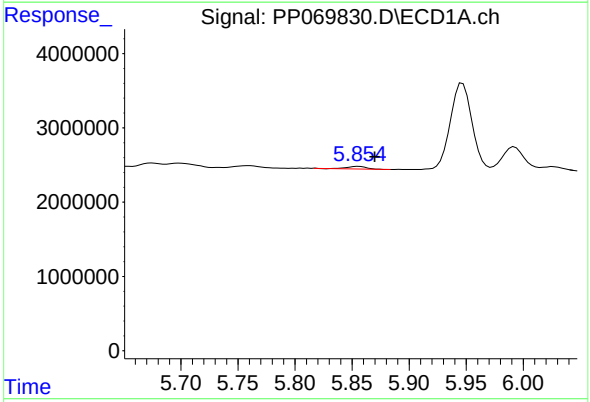
R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 880155
Conc: 25.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



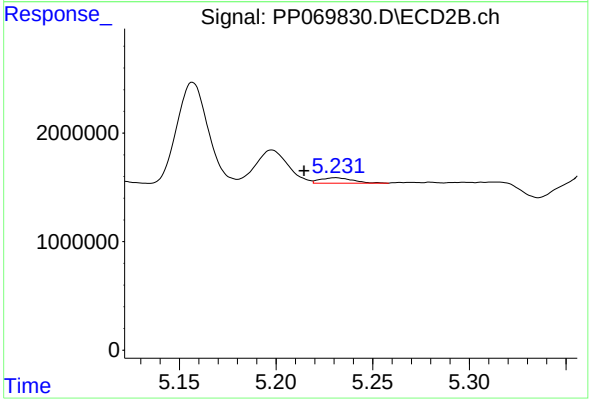
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 256323
Conc: 19.80 ng/ml



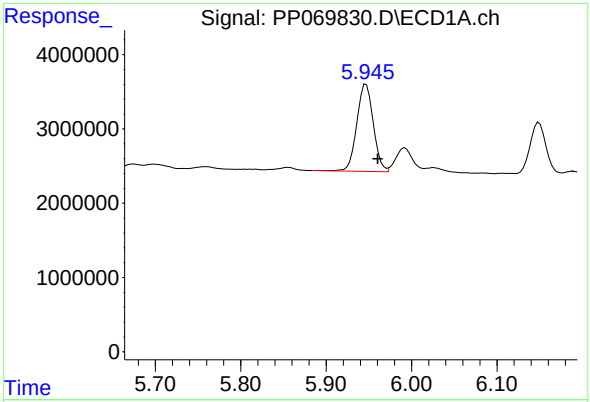
#14 AR-1232-4

R.T.: 5.856 min
Delta R.T.: -0.014 min
Response: 408210
Conc: 22.91 ng/ml



#14 AR-1232-4

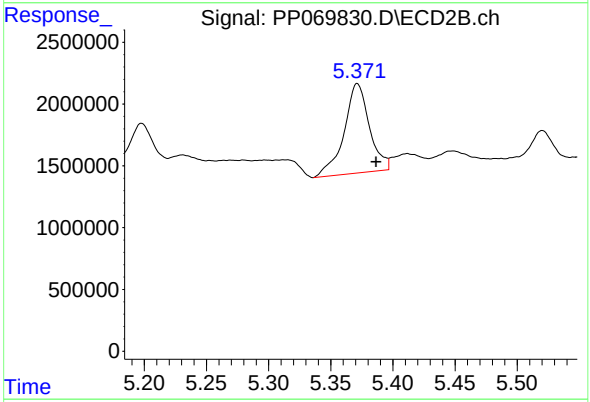
R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 579458
Conc: 52.27 ng/ml



#15 AR-1232-5

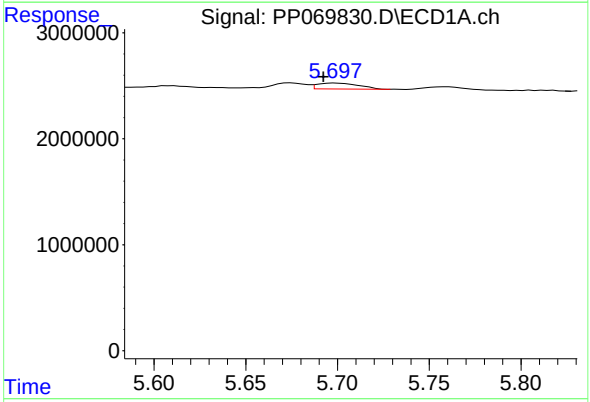
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 15810621
Conc: 1379.34 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



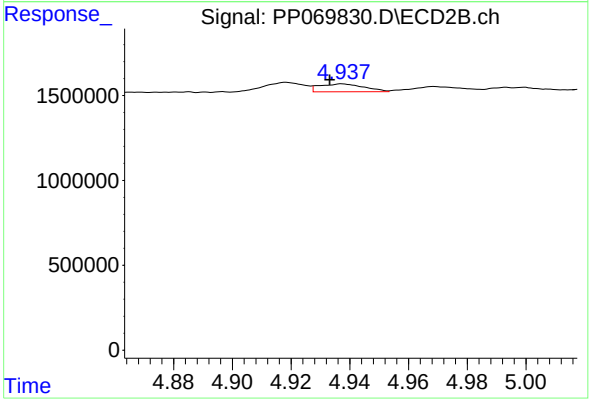
#15 AR-1232-5

R.T.: 5.371 min
Delta R.T.: -0.015 min
Response: 10271872
Conc: 841.25 ng/ml



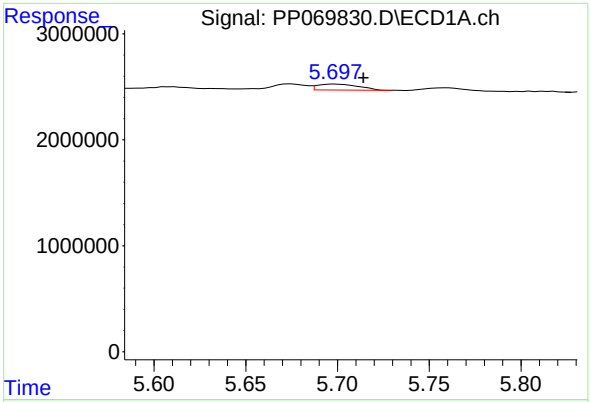
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 880155
Conc: 21.10 ng/ml



#16 AR-1242-1

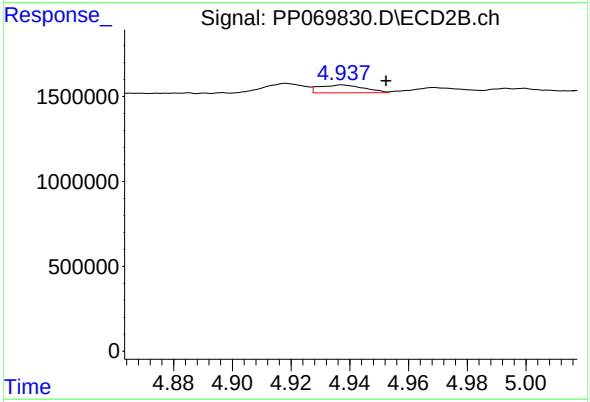
R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 492427
Conc: 17.08 ng/ml



#17 AR-1242-2

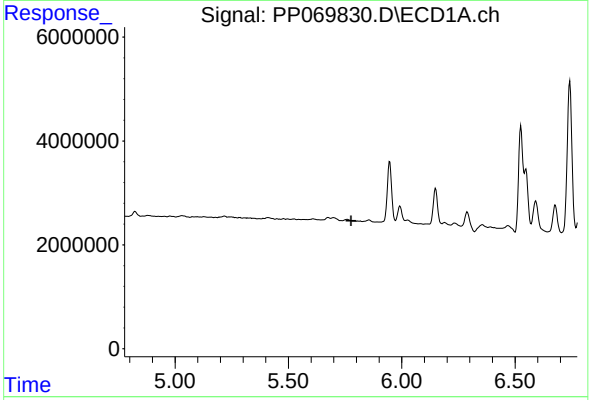
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 880155
Conc: 14.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



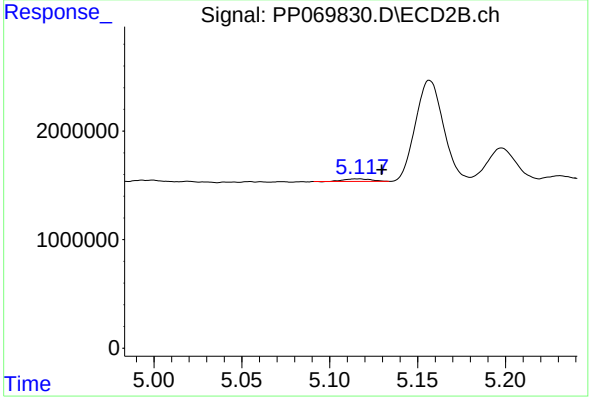
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 492427
Conc: 12.50 ng/ml



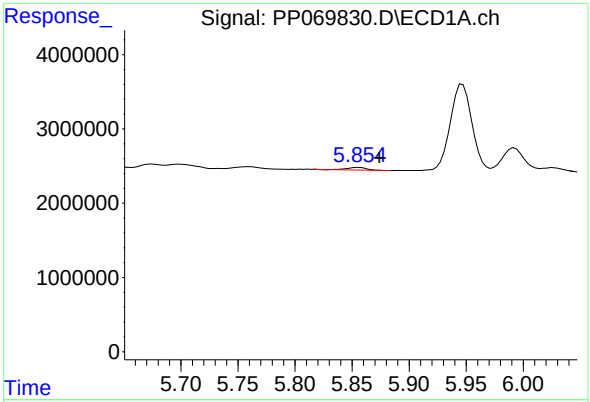
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

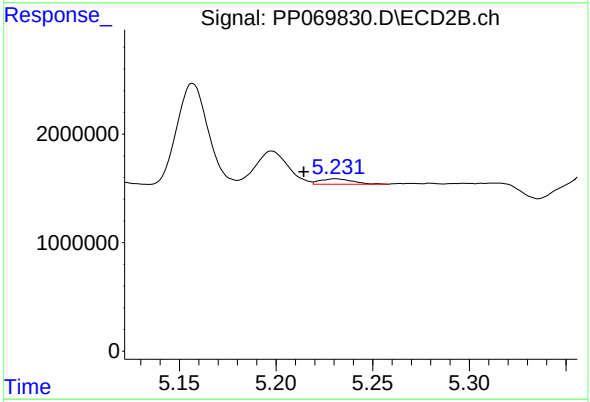
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 256323
Conc: 11.39 ng/ml



#19 AR-1242-4

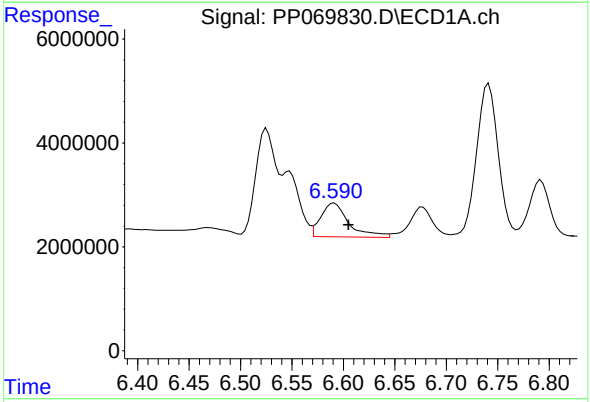
R.T.: 5.856 min
Delta R.T.: -0.018 min
Response: 408210
Conc: 12.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



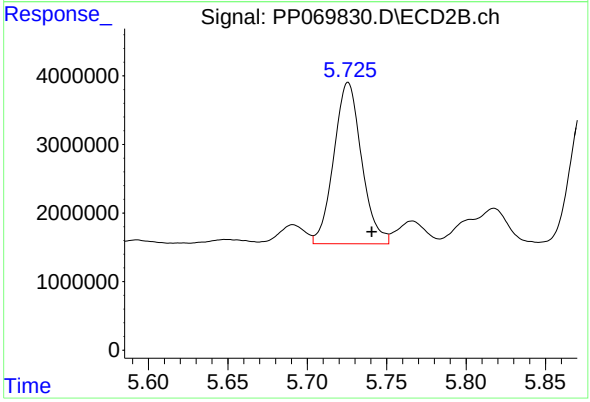
#19 AR-1242-4

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 579458
Conc: 26.85 ng/ml



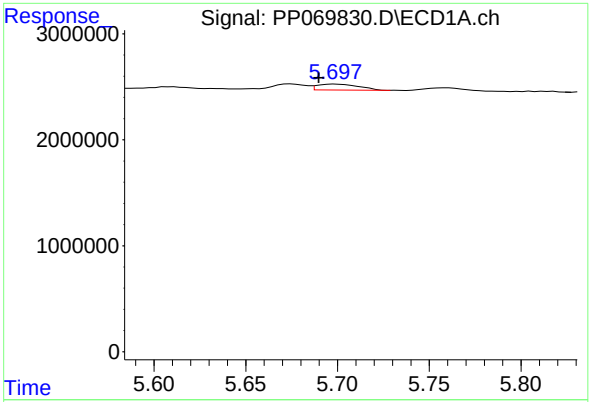
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 12291583
Conc: 377.22 ng/ml



#20 AR-1242-5

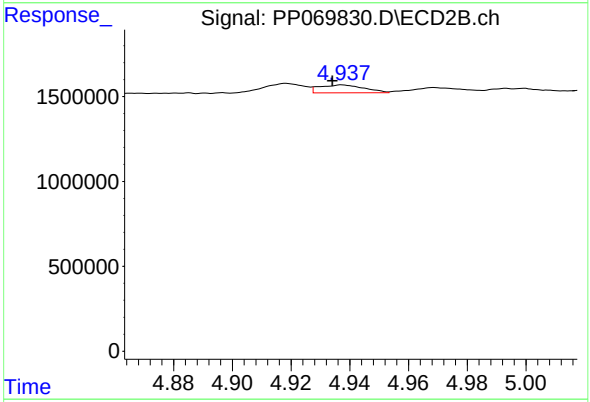
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 28648896
Conc: 995.85 ng/ml



#21 AR-1248-1

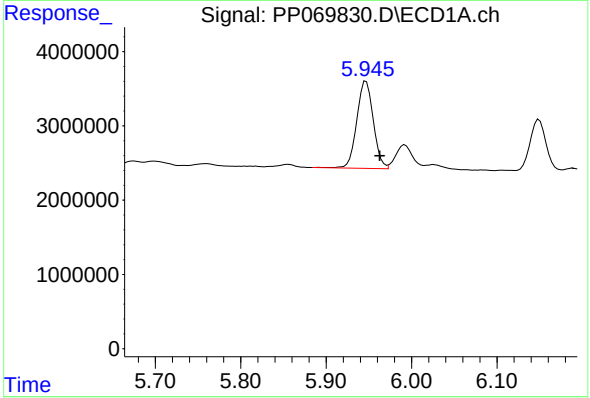
R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 880155
Conc: 27.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



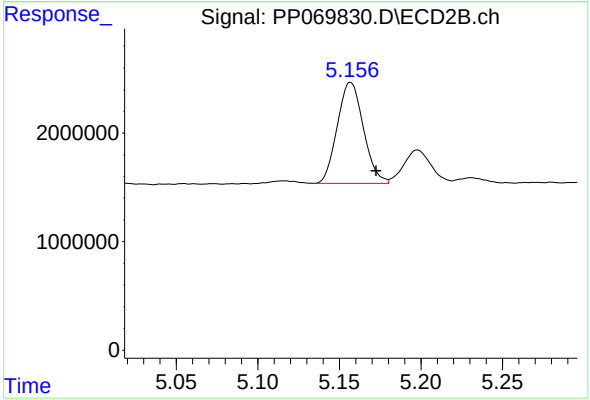
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.003 min
Response: 492427
Conc: 22.37 ng/ml



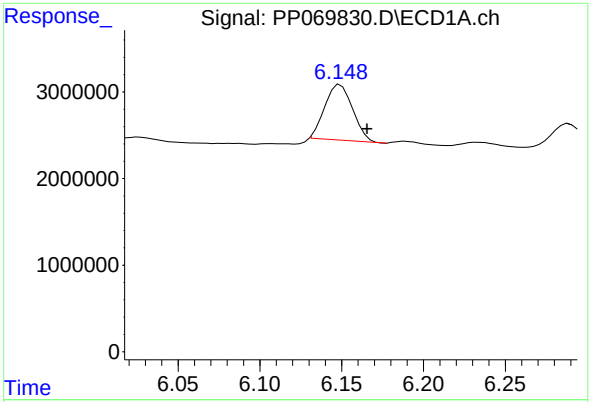
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 15810621
Conc: 372.48 ng/ml



#22 AR-1248-2

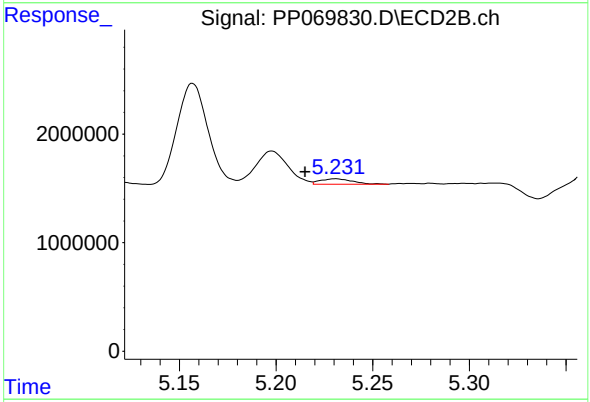
R.T.: 5.157 min
Delta R.T.: -0.016 min
Response: 10389564
Conc: 345.57 ng/ml



#23 AR-1248-3

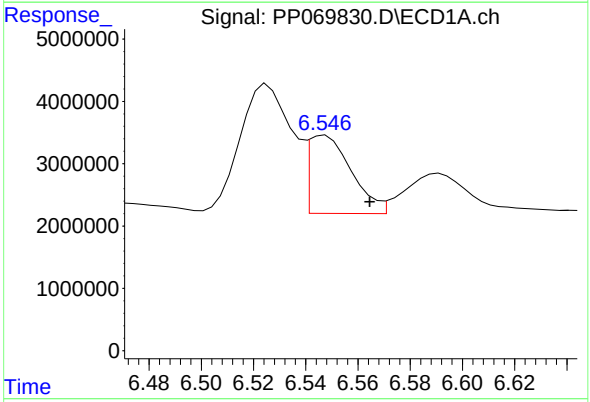
R.T.: 6.149 min
Delta R.T.: -0.016 min
Response: 7584834
Conc: 161.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



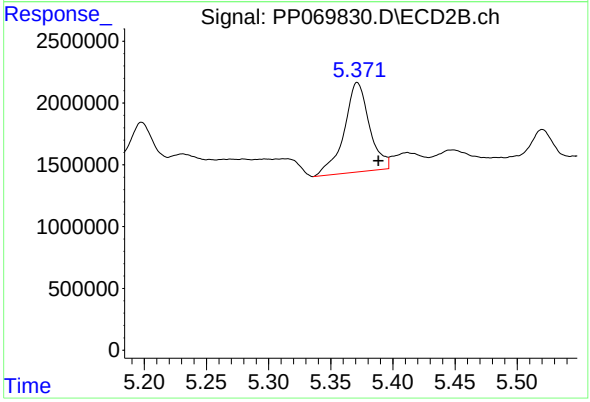
#23 AR-1248-3

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 579458
Conc: 18.70 ng/ml



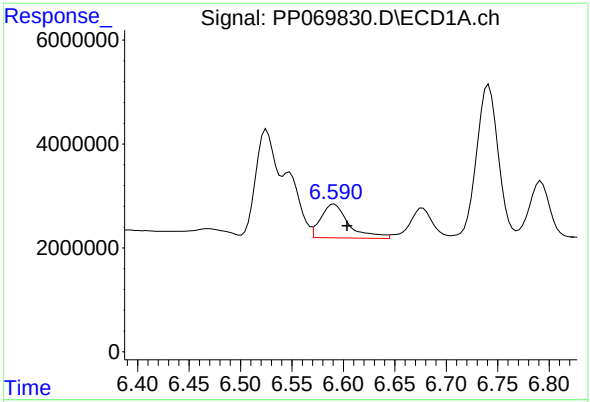
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.017 min
Response: 14254456
Conc: 258.60 ng/ml



#24 AR-1248-4

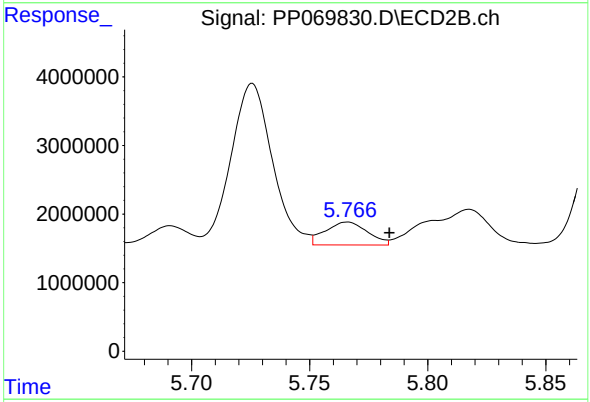
R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 10271872
Conc: 278.04 ng/ml



#25 AR-1248-5

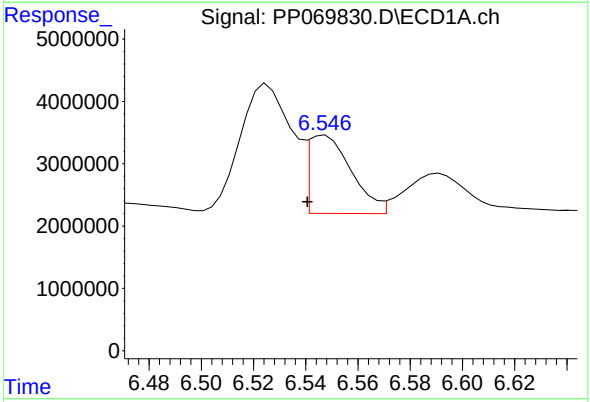
R.T.: 6.591 min
Delta R.T.: -0.013 min
Response: 12291583
Conc: 230.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



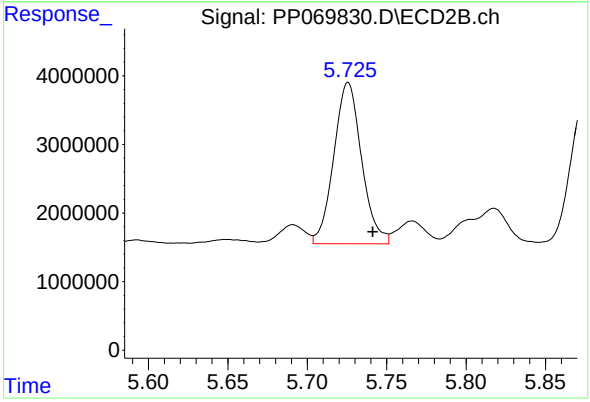
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: -0.018 min
Response: 4180590
Conc: 111.81 ng/ml



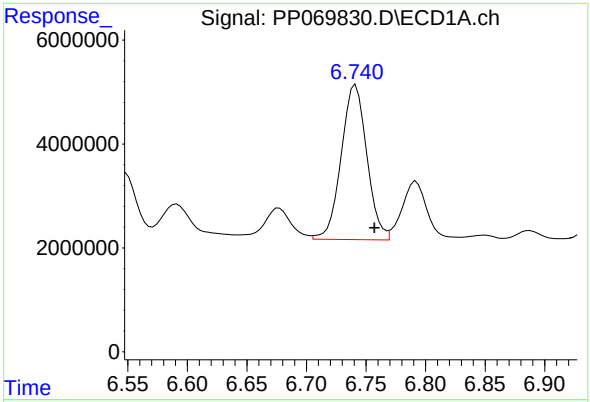
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 14254456
Conc: 246.35 ng/ml



#26 AR-1254-1

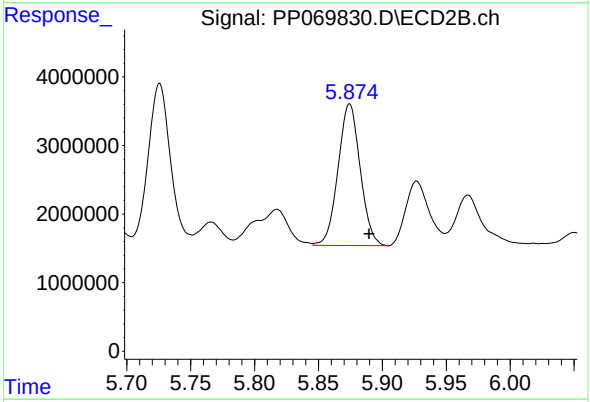
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 28648896
Conc: 520.36 ng/ml



#27 AR-1254-2

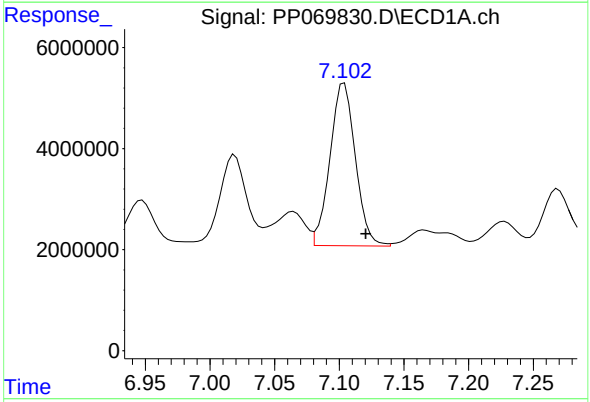
R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 44688002
Conc: 556.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



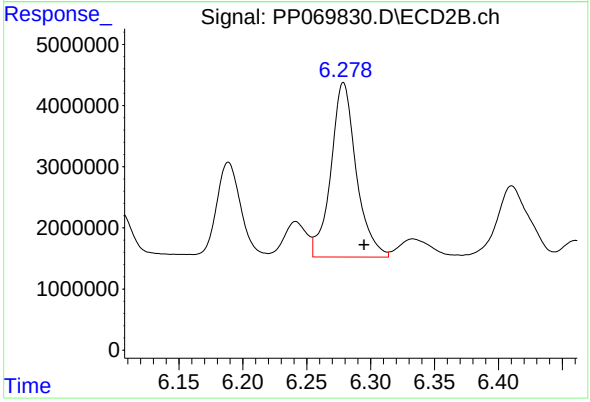
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 24918713
Conc: 515.18 ng/ml



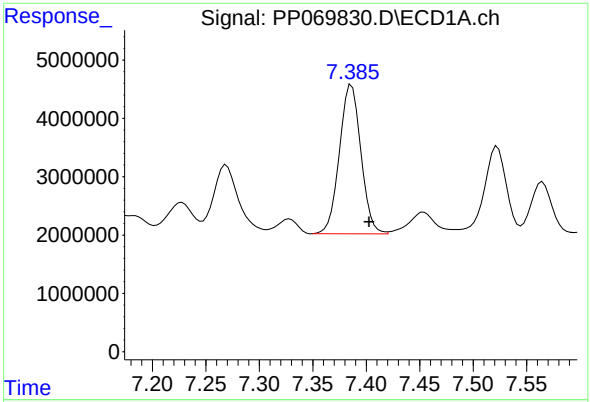
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.017 min
Response: 43985317
Conc: 521.84 ng/ml



#28 AR-1254-3

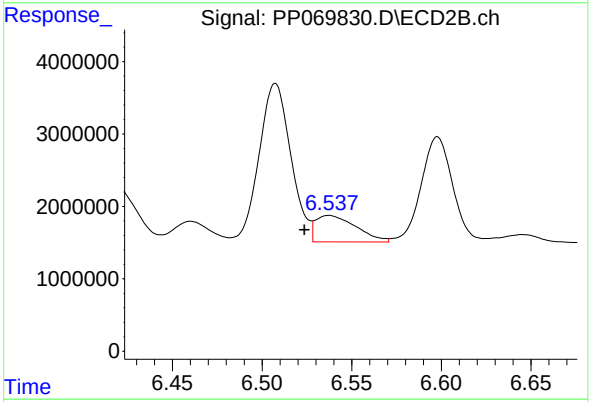
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 39382350
Conc: 518.90 ng/ml



#29 AR-1254-4

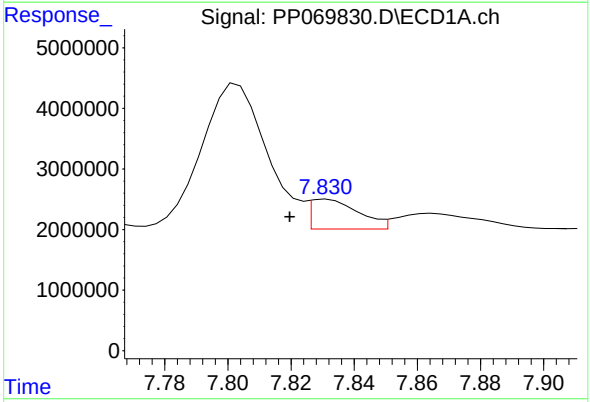
R.T.: 7.386 min
Delta R.T.: -0.016 min
Response: 35814101
Conc: 525.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



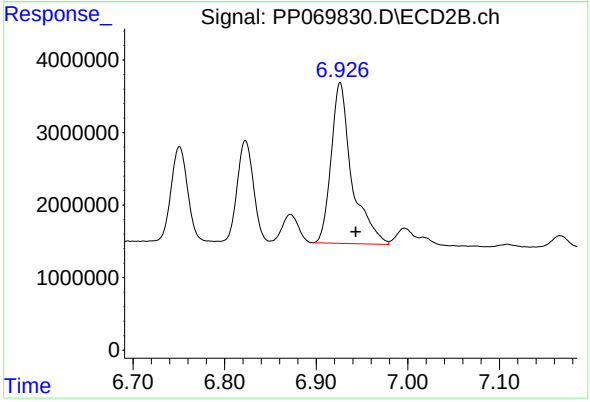
#29 AR-1254-4

R.T.: 6.537 min
Delta R.T.: 0.014 min
Response: 5703810
Conc: 111.29 ng/ml



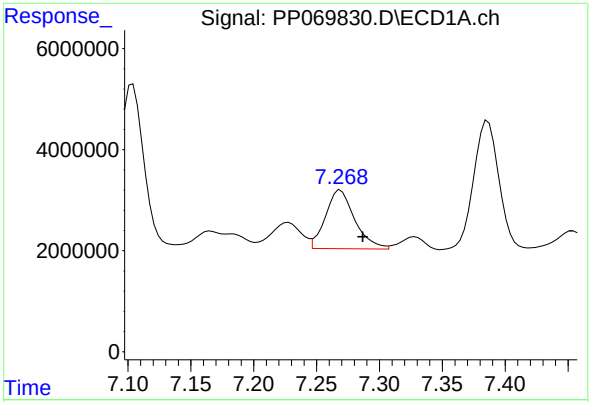
#30 AR-1254-5

R.T.: 7.831 min
Delta R.T.: 0.012 min
Response: 5208811
Conc: 76.55 ng/ml



#30 AR-1254-5

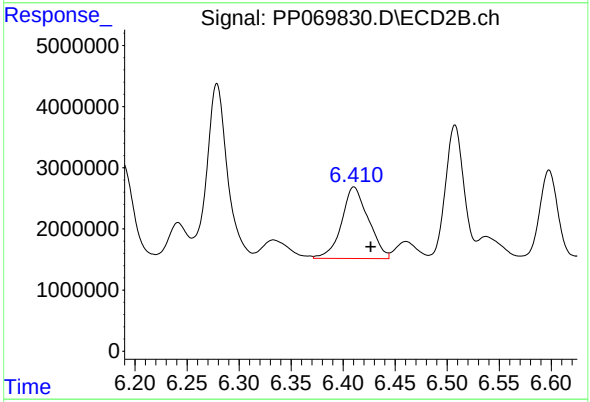
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 34792192
Conc: 522.72 ng/ml



#31 AR-1260-1

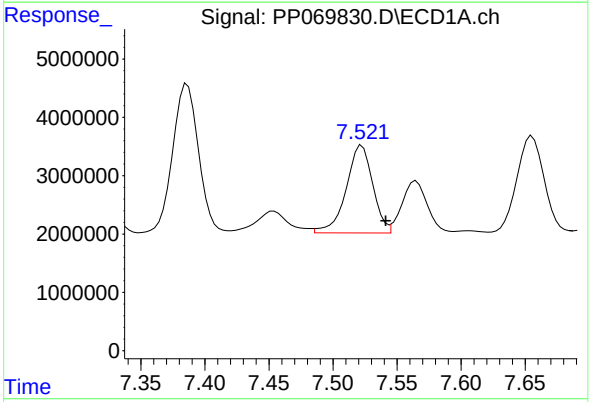
R.T.: 7.269 min
Delta R.T.: -0.018 min
Response: 18815814
Conc: 321.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



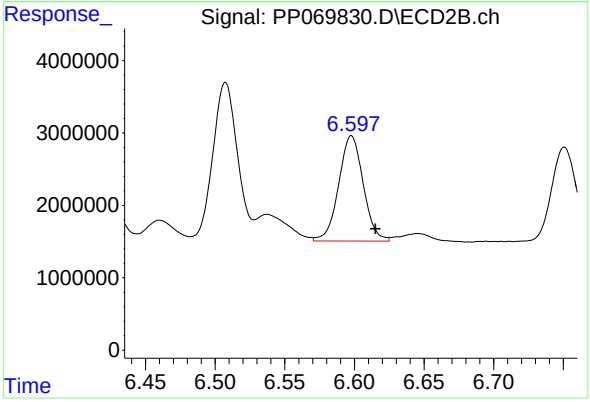
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 20920897
Conc: 433.78 ng/ml



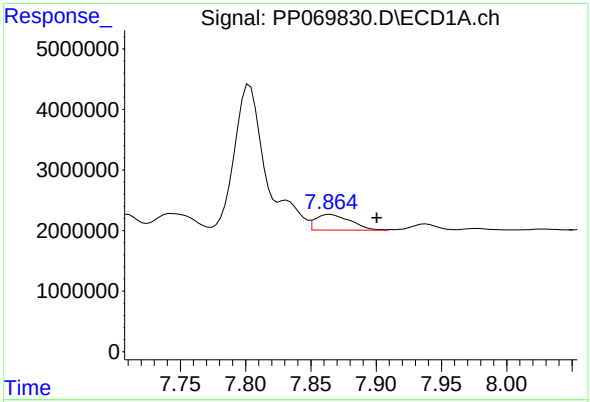
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.019 min
Response: 21740903
Conc: 279.40 ng/ml



#32 AR-1260-2

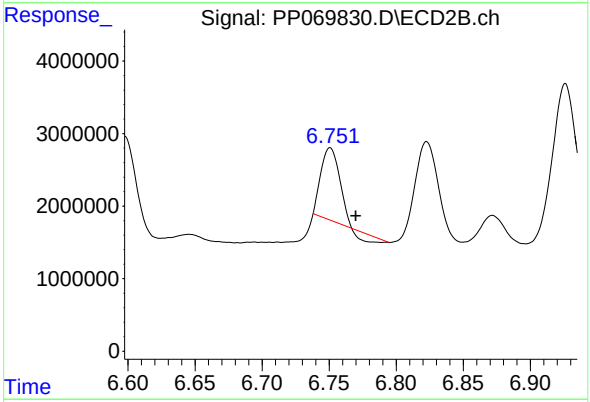
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 17845115
Conc: 291.09 ng/ml



#33 AR-1260-3

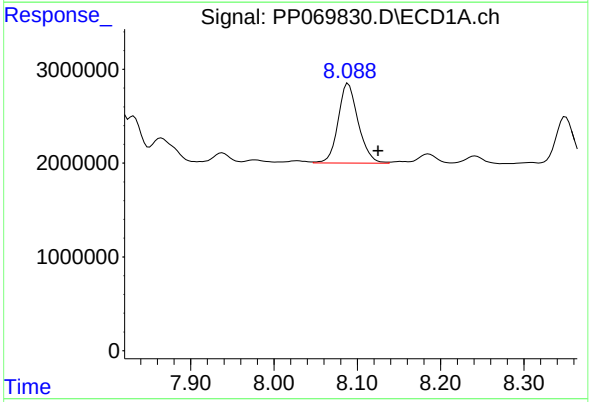
R.T.: 7.865 min
Delta R.T.: -0.035 min
Response: 4874927
Conc: 77.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



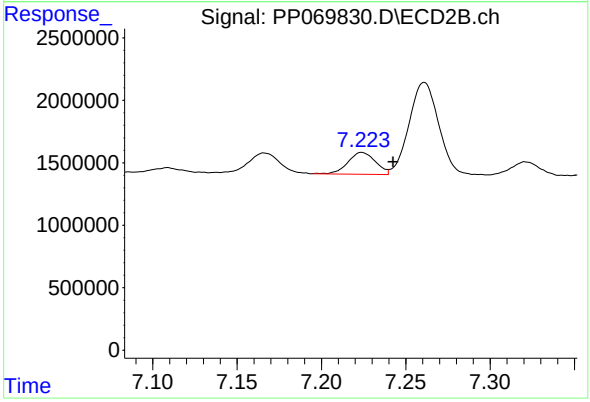
#33 AR-1260-3

R.T.: 6.751 min
Delta R.T.: -0.019 min
Response: 8703260
Conc: 144.68 ng/ml



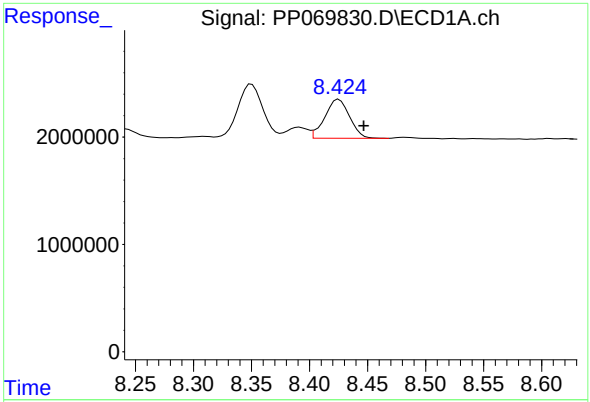
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.036 min
Response: 14217881
Conc: 215.50 ng/ml



#34 AR-1260-4

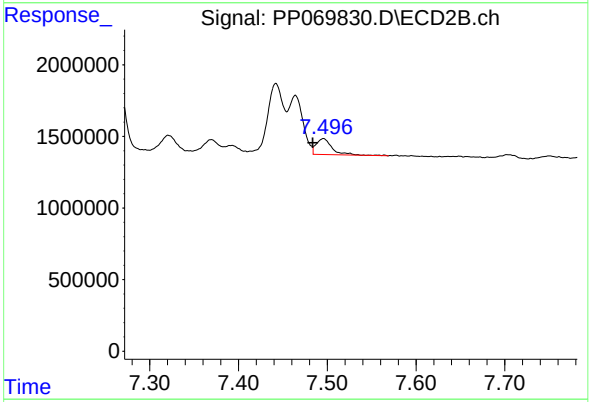
R.T.: 7.224 min
Delta R.T.: -0.019 min
Response: 1986619
Conc: 42.75 ng/ml



#35 AR-1260-5

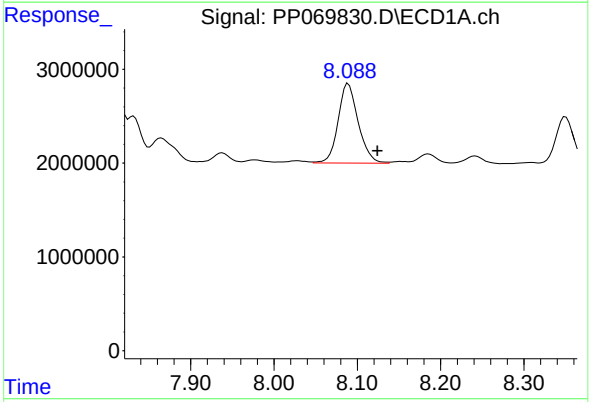
R.T.: 8.425 min
Delta R.T.: -0.022 min
Response: 5381121
Conc: 41.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



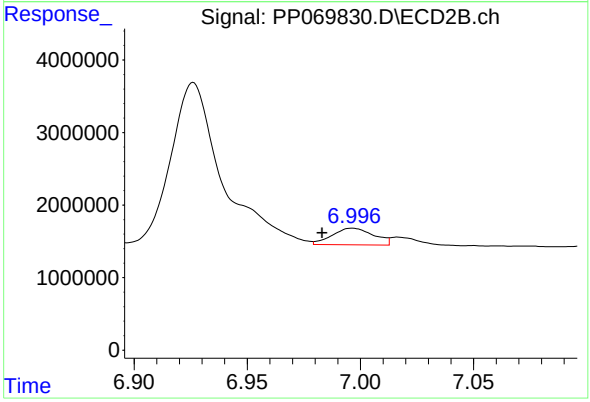
#35 AR-1260-5

R.T.: 7.496 min
Delta R.T.: 0.012 min
Response: 1394802
Conc: 12.55 ng/ml



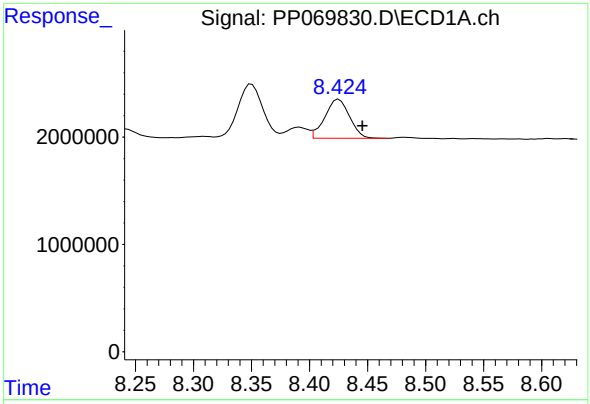
#36 AR-1262-1

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 14217881
Conc: 179.93 ng/ml



#36 AR-1262-1

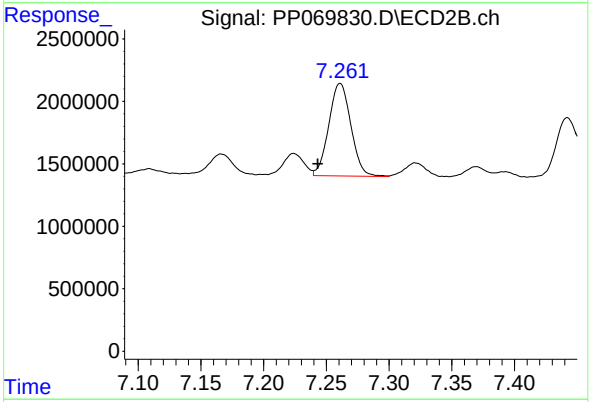
R.T.: 6.996 min
Delta R.T.: 0.013 min
Response: 2935236
Conc: 41.33 ng/ml



#37 AR-1262-2

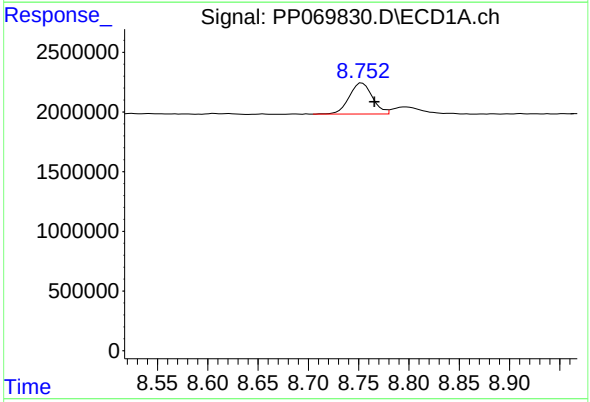
R.T.: 8.425 min
Delta R.T.: -0.021 min
Response: 5381121
Conc: 35.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



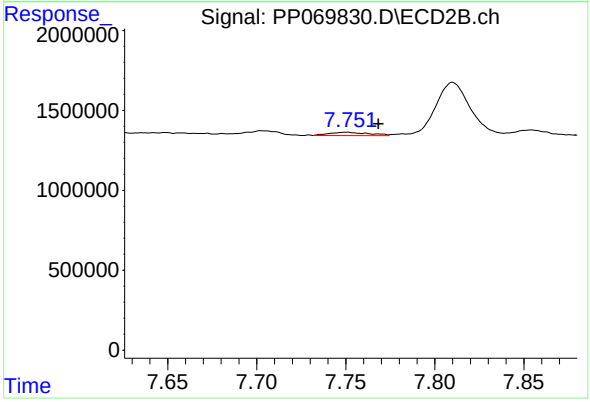
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 9079892
Conc: 148.90 ng/ml



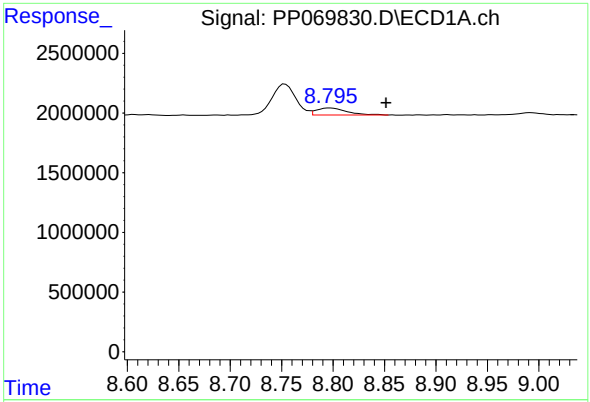
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.012 min
Response: 4187995
Conc: 39.41 ng/ml



#38 AR-1262-3

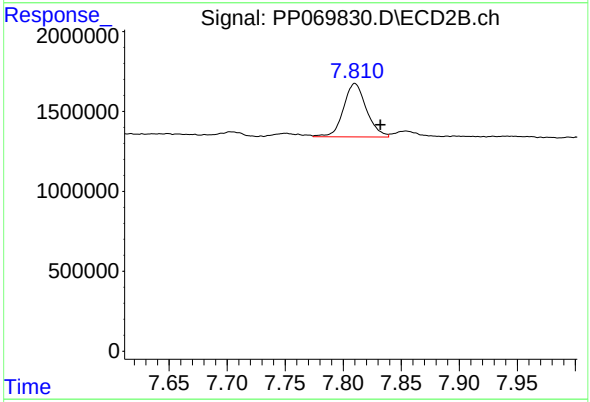
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 321793
Conc: 6.15 ng/ml



#39 AR-1262-4

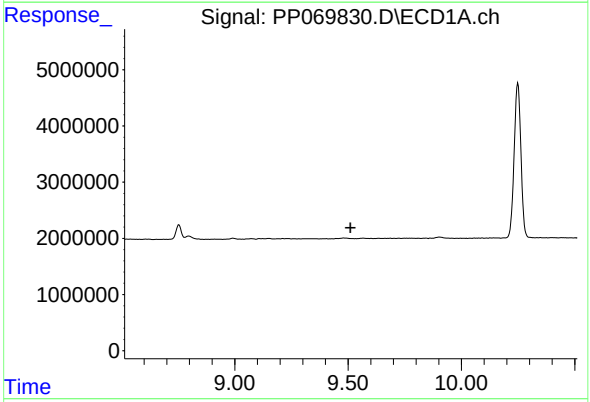
R.T.: 8.796 min
Delta R.T.: -0.055 min
Response: 1217696
Conc: 14.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



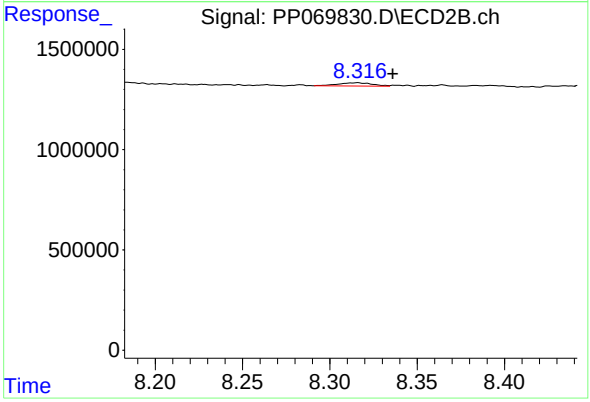
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 4604982
Conc: 49.82 ng/ml



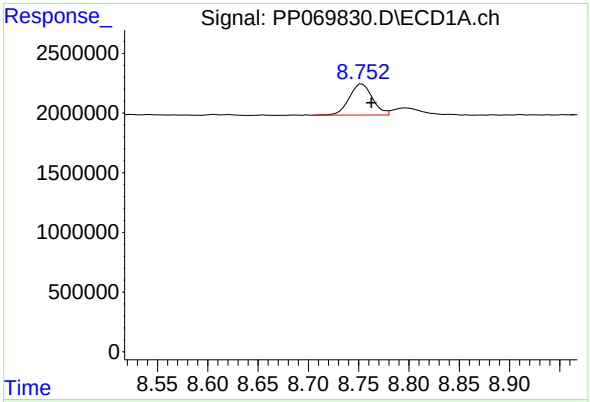
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

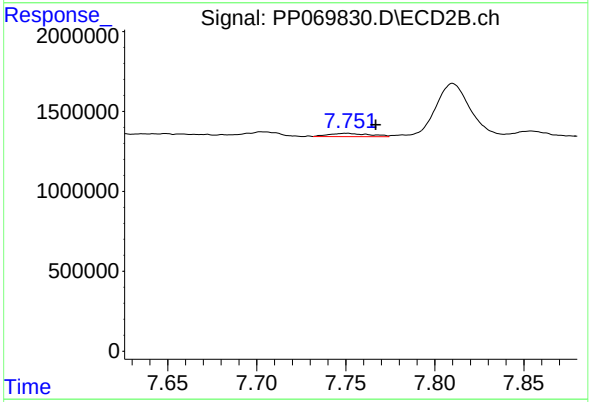
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 223864
Conc: 4.68 ng/ml



#41 AR-1268-1

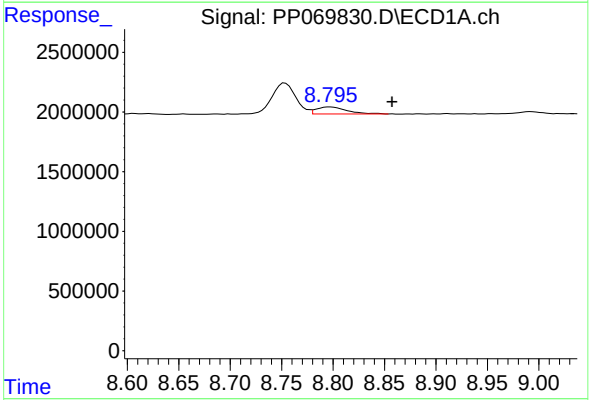
R.T.: 8.753 min
Delta R.T.: -0.009 min
Response: 4187995
Conc: 23.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



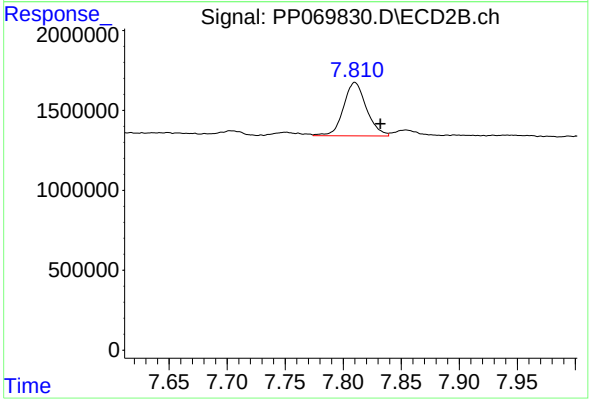
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 321793
Conc: 2.22 ng/ml



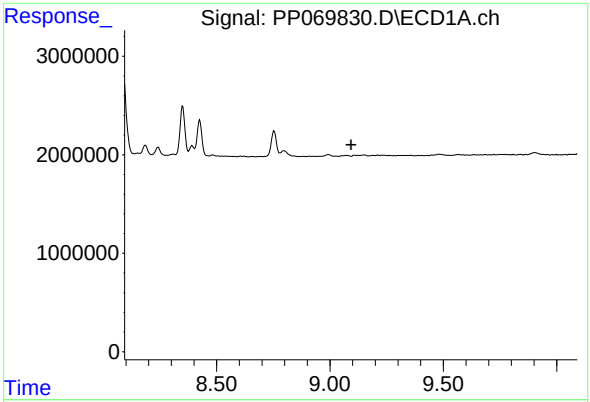
#42 AR-1268-2

R.T.: 8.796 min
Delta R.T.: -0.061 min
Response: 1217696
Conc: 7.74 ng/ml



#42 AR-1268-2

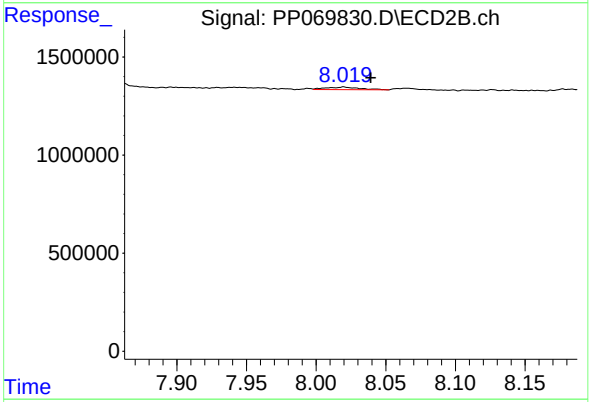
R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 4604982
Conc: 34.67 ng/ml



#43 AR-1268-3

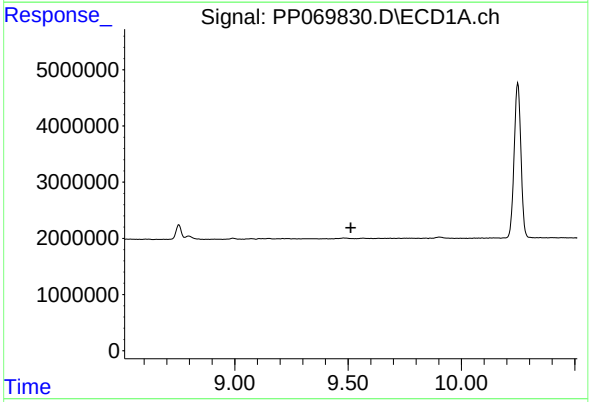
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



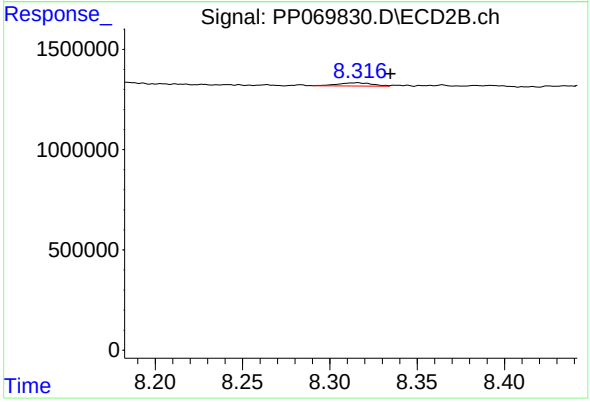
#43 AR-1268-3

R.T.: 8.020 min
Delta R.T.: -0.020 min
Response: 211477
Conc: 1.86 ng/ml



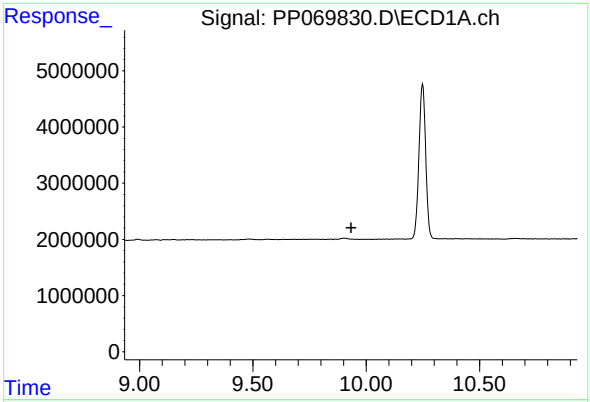
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

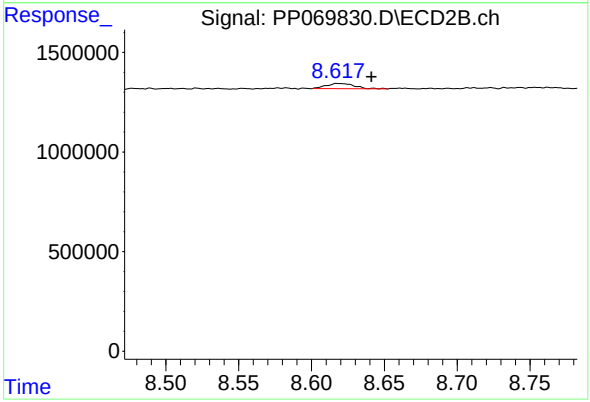
R.T.: 8.316 min
Delta R.T.: -0.019 min
Response: 223864
Conc: 4.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.618 min
Delta R.T.: -0.023 min
Response: 352178
Conc: 0.99 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 10:11
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: Feb 22 01:17:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.829	33330414	19041094	23.284	21.334	
2)	SA Decachlor...	10.250	8.888	24640553	24452957	22.546	21.863	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.995f	0	122738	N.D.	3.763	#
4)	L1 AR-1016-2	0.000	4.995f	0	122738	N.D.	2.730	#
5)	L1 AR-1016-3	0.000	5.125	0	624481	N.D.	25.096	#
6)	L1 AR-1016-4	0.000	5.174	0	879475	N.D.	43.546	#
7)	L1 AR-1016-5	0.000	5.405	0	742729	N.D.	27.689	#
8)	L2 AR-1221-1	0.000	4.036	0	81444	N.D.	6.612	#
9)	L2 AR-1221-2	4.824	4.131	501871	486175	36.653	50.207	#
10)	L2 AR-1221-3	0.000	4.211	0	222872	N.D.	7.639	#
11)	L3 AR-1232-1	0.000	4.211	0	222872	N.D.	9.492	#
12)	L3 AR-1232-2	0.000	4.995f	0	122738	N.D.	5.207	#
13)	L3 AR-1232-3	0.000	5.125	0	624481	N.D.	48.233	#
14)	L3 AR-1232-4	0.000	5.217	0	804686	N.D.	72.584	#
15)	L3 AR-1232-5	0.000	5.369	0	2006543	N.D.	164.332	#
16)	L4 AR-1242-1	0.000	4.995f	0	122738	N.D.	4.257	#
17)	L4 AR-1242-2	0.000	4.995f	0	122738	N.D.	3.115	#
18)	L4 AR-1242-3	0.000	5.125	0	624481	N.D.	27.750	#
19)	L4 AR-1242-4	0.000	5.217	0	804686	N.D.	37.285	#
20)	L4 AR-1242-5	6.577	5.749	879824	2165282	27.001	75.266	#
21)	L5 AR-1248-1	0.000	4.995f	0	122738	N.D.	5.576	#
22)	L5 AR-1248-2	0.000	5.174	0	879475	N.D.	29.253	#
23)	L5 AR-1248-3	0.000	5.217	0	804686	N.D.	25.971	#
24)	L5 AR-1248-4	6.577	5.405	879824	742729	15.962	20.104	#
25)	L5 AR-1248-5	6.577	5.779	879824	464149	16.481	12.414	
26)	L6 AR-1254-1	6.527	5.749	2695118	2165282	46.577	39.329	
27)	L6 AR-1254-2	0.000	5.877	0	967433	N.D.	20.001	#
28)	L6 AR-1254-3	7.099	6.298	2072975	1830623	24.594	24.120	
29)	L6 AR-1254-4	7.382	6.523	1864341	243465	27.341	4.751	#
31)	L7 AR-1260-1	7.319	0.000	1924327	0	32.930	N.D.	#
32)	L7 AR-1260-2	7.532	6.577f	973572	1005811	12.512	16.407	#
33)	L7 AR-1260-3	0.000	6.755	0	344048	N.D.	5.719	#
38)	L8 AR-1262-3	0.000	7.772	0	490926	N.D.	9.387	#
39)	L8 AR-1262-4	0.000	7.856	0	137584	N.D.	1.488	#
41)	L9 AR-1268-1	0.000	7.772	0	490926	N.D.	3.383	#
42)	L9 AR-1268-2	0.000	7.856	0	137584	N.D.	1.036	#
45)	L9 AR-1268-5	0.000	8.620	0	159196	N.D.	0.447	#

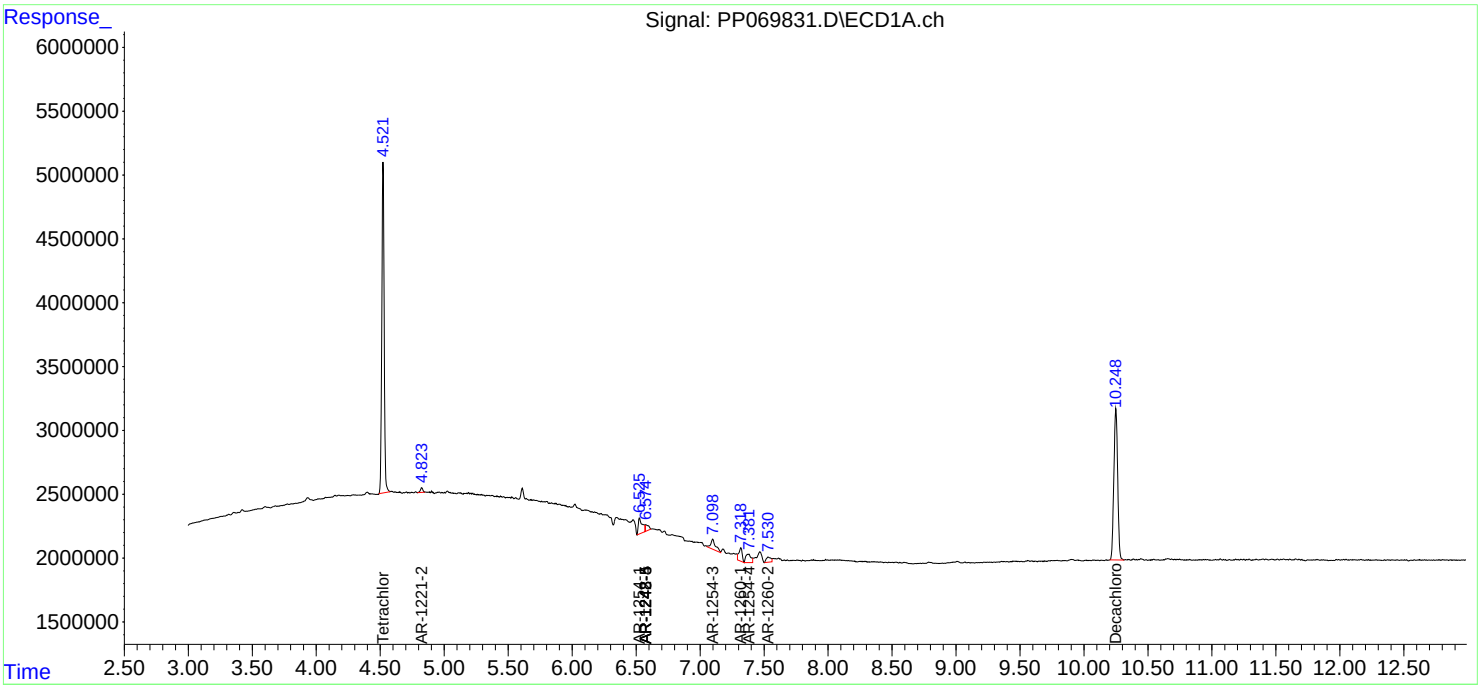
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

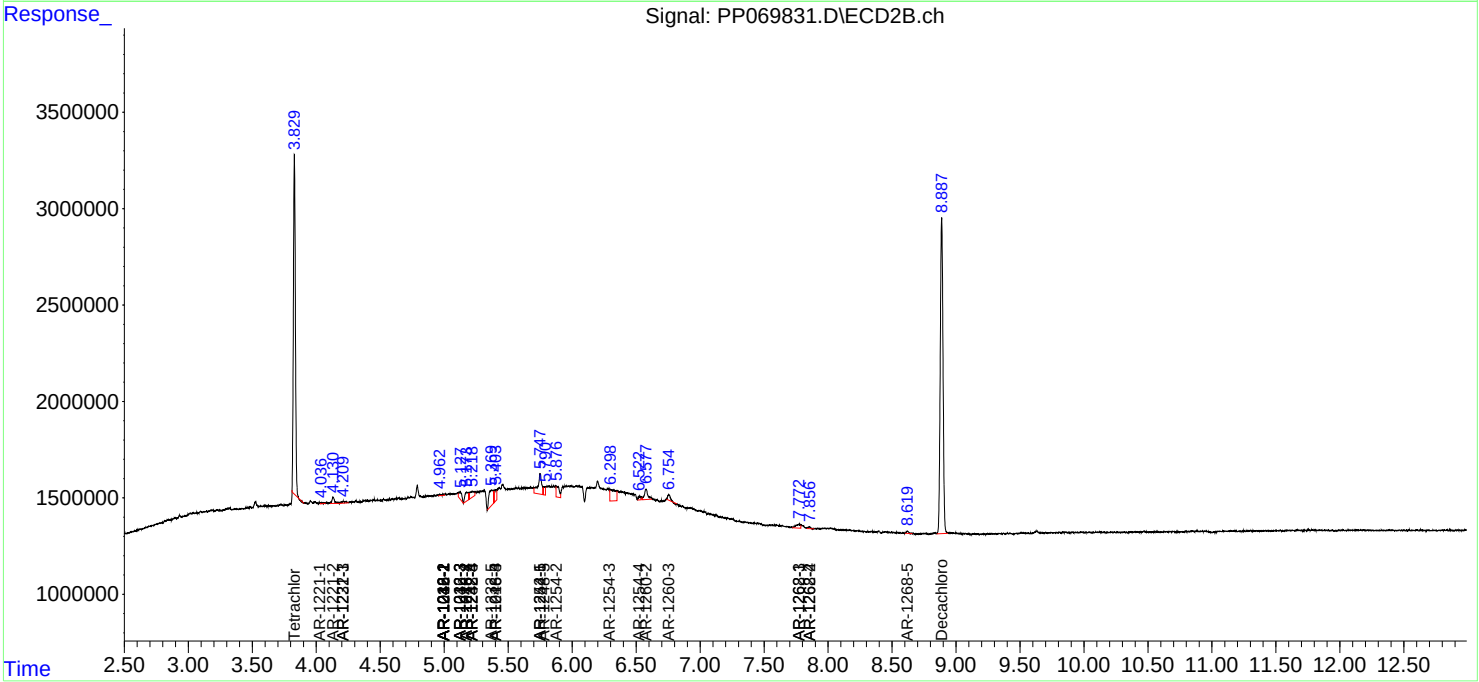
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069831.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 10:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

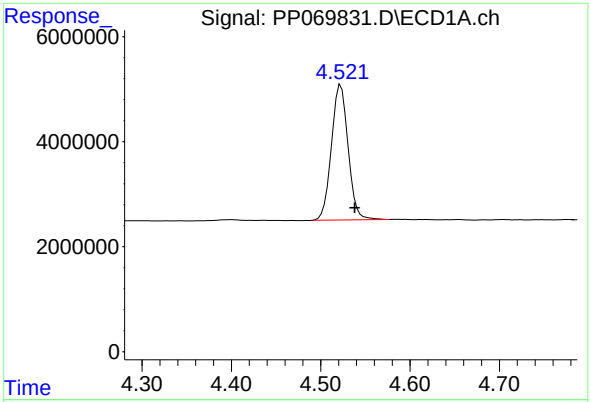
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:17:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



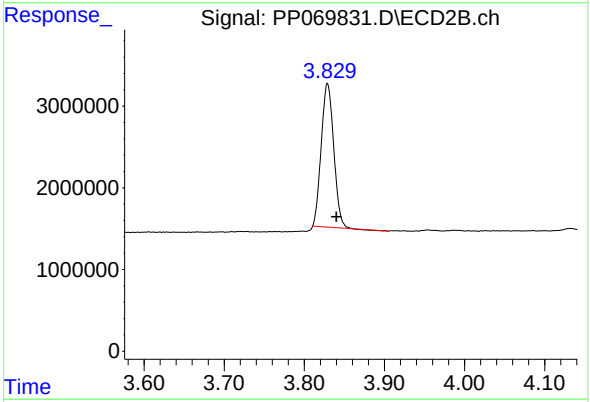




#1 Tetrachloro-m-xylene

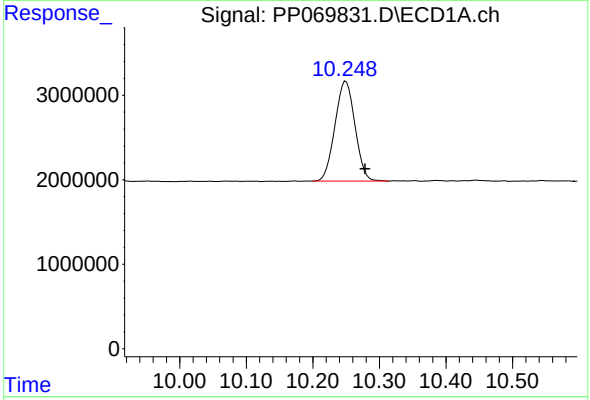
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 33330414
Conc: 23.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



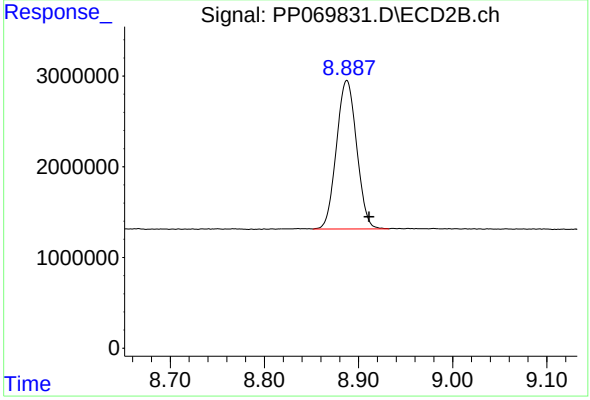
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 19041094
Conc: 21.33 ng/ml



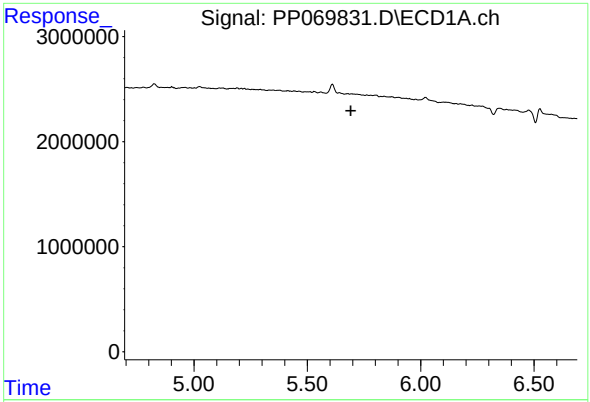
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24640553
Conc: 22.55 ng/ml



#2 Decachlorobiphenyl

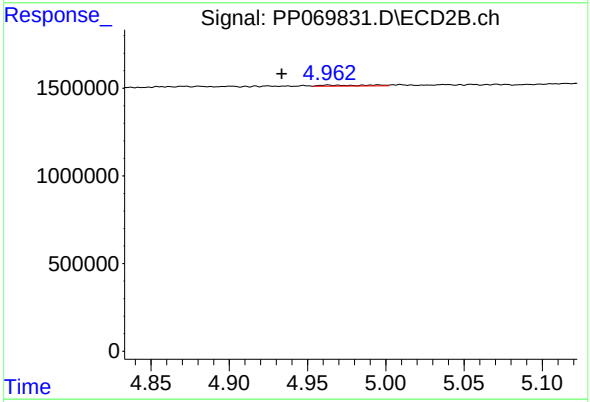
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 24452957
Conc: 21.86 ng/ml



#3 AR-1016-1

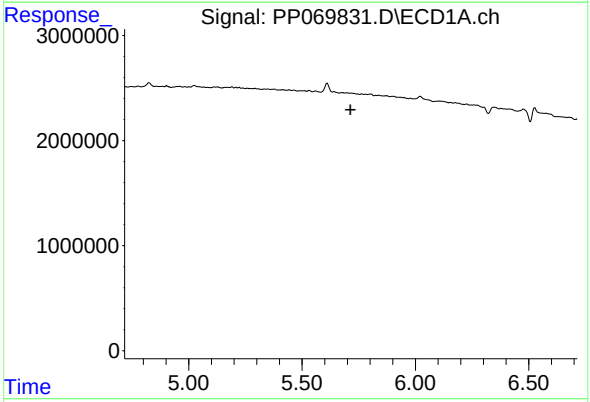
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



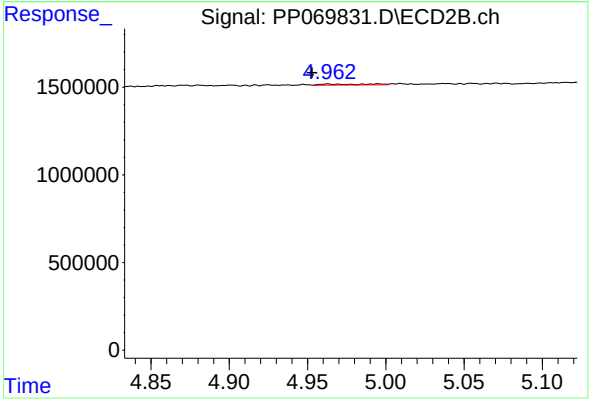
#3 AR-1016-1

R.T.: 4.995 min
Delta R.T.: 0.062 min
Response: 122738
Conc: 3.76 ng/ml



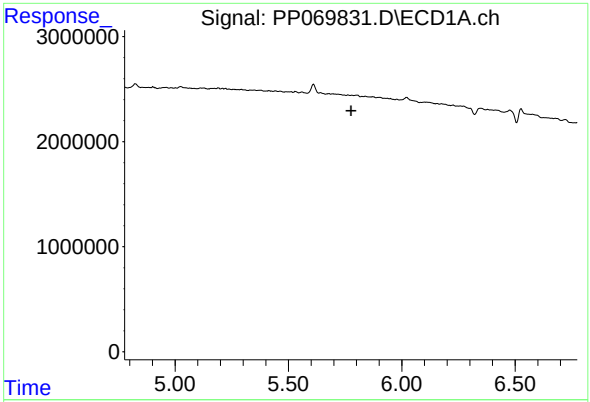
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

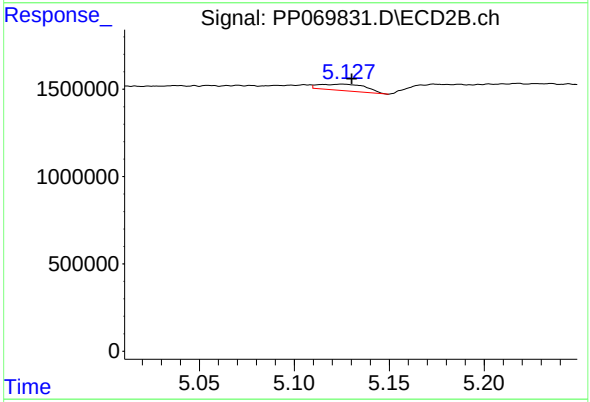
R.T.: 4.995 min
Delta R.T.: 0.042 min
Response: 122738
Conc: 2.73 ng/ml



#5 AR-1016-3

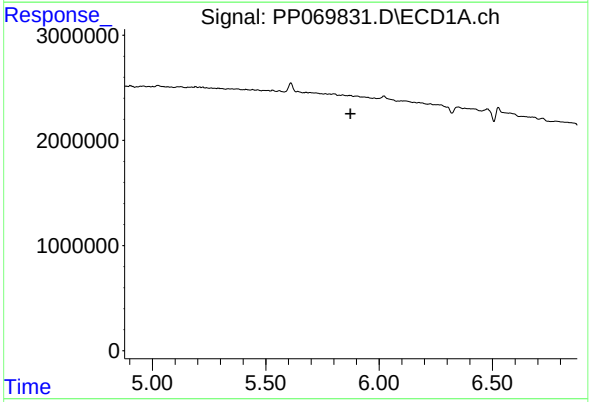
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



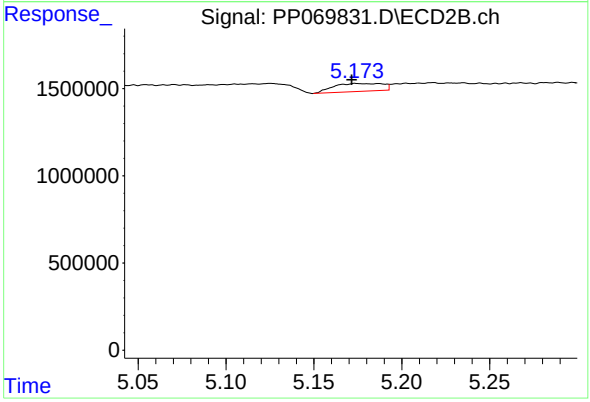
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 624481
Conc: 25.10 ng/ml



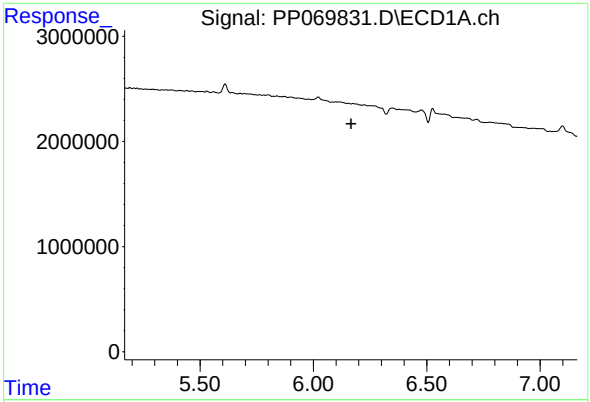
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

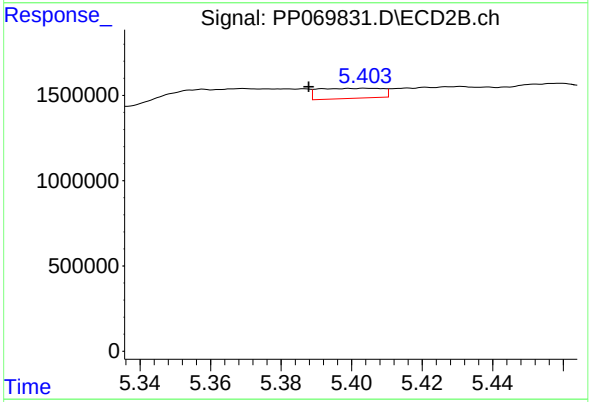
R.T.: 5.174 min
Delta R.T.: 0.002 min
Response: 879475
Conc: 43.55 ng/ml



#7 AR-1016-5

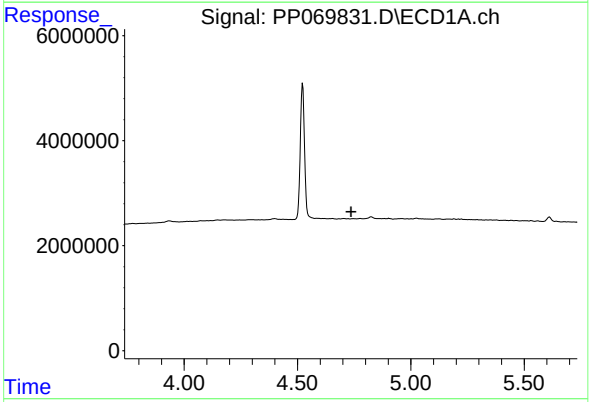
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



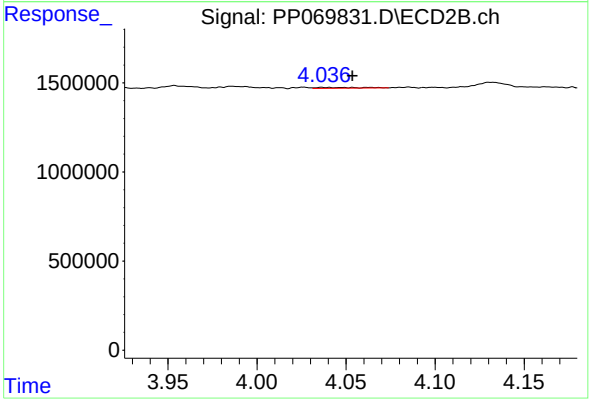
#7 AR-1016-5

R.T.: 5.405 min
Delta R.T.: 0.017 min
Response: 742729
Conc: 27.69 ng/ml



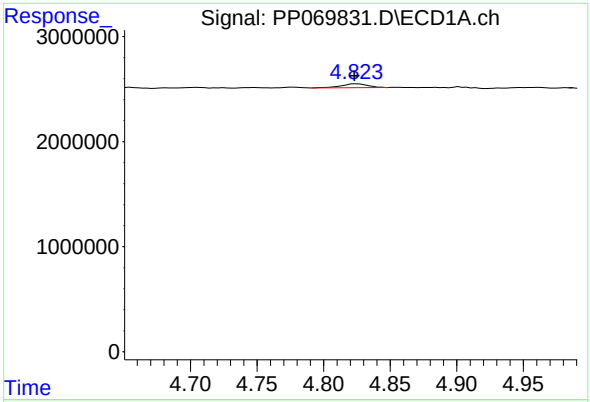
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

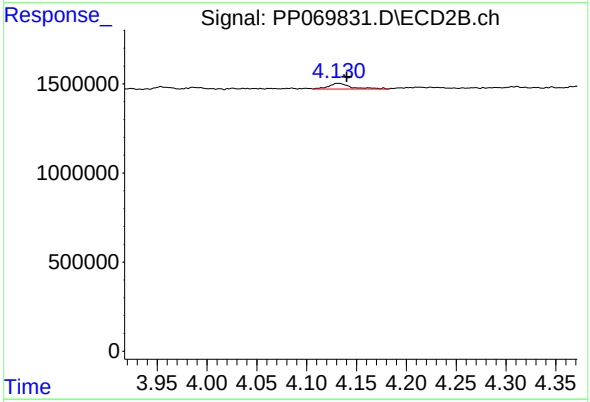
R.T.: 4.036 min
Delta R.T.: -0.017 min
Response: 81444
Conc: 6.61 ng/ml



#9 AR-1221-2

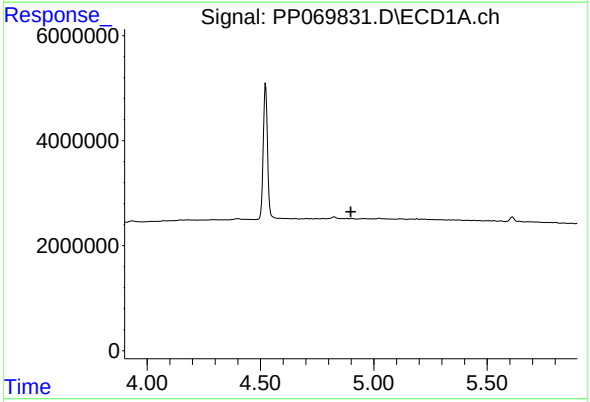
R.T.: 4.824 min
Delta R.T.: 0.001 min
Response: 501871
Conc: 36.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



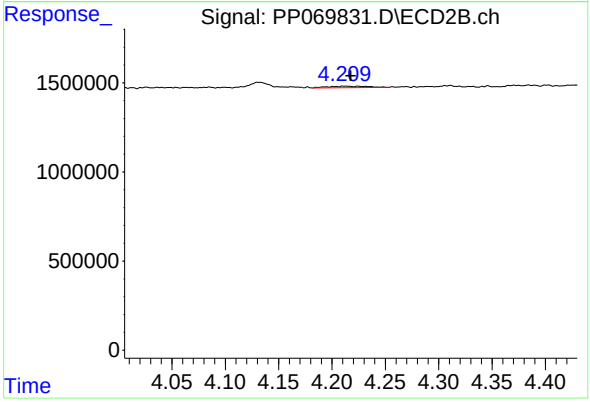
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 486175
Conc: 50.21 ng/ml



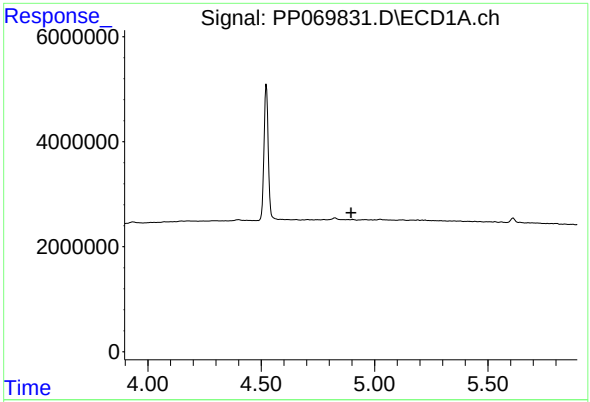
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

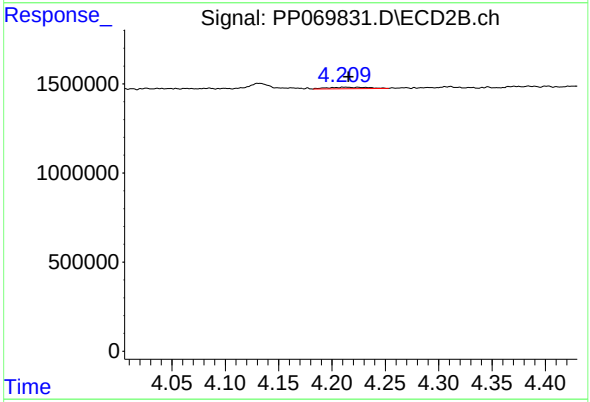
R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 222872
Conc: 7.64 ng/ml



#11 AR-1232-1

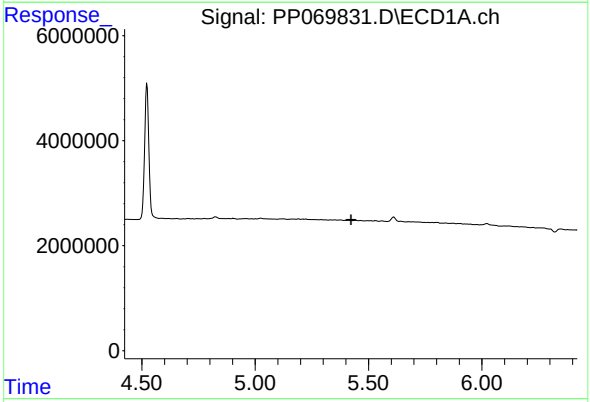
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



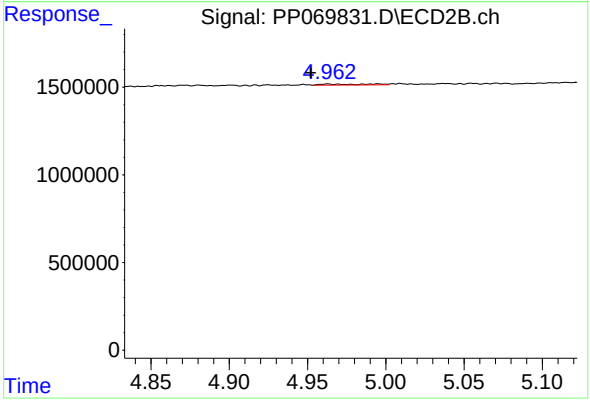
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 222872
Conc: 9.49 ng/ml



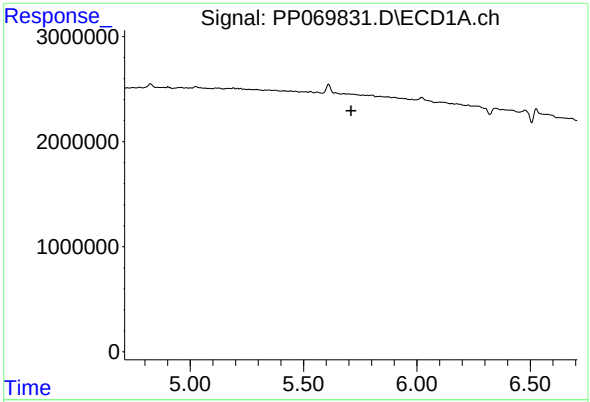
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

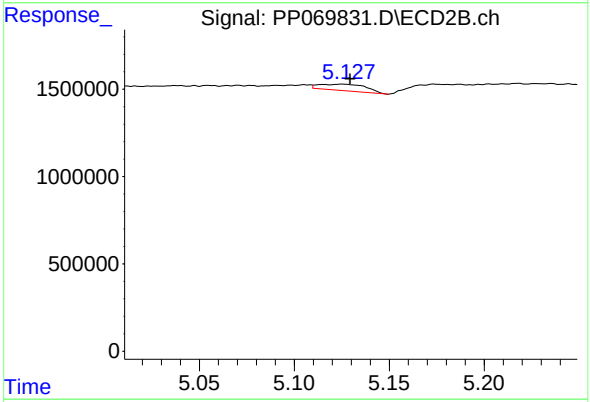
R.T.: 4.995 min
Delta R.T.: 0.043 min
Response: 122738
Conc: 5.21 ng/ml



#13 AR-1232-3

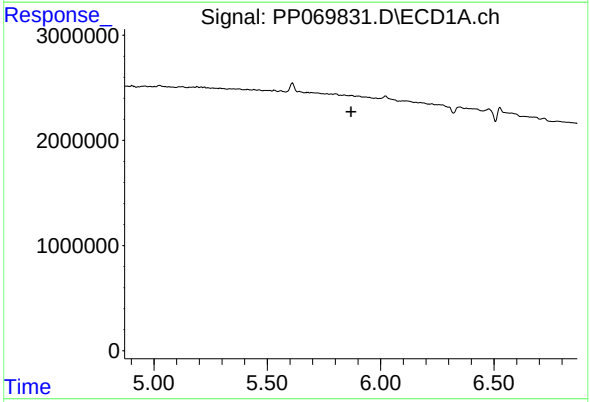
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



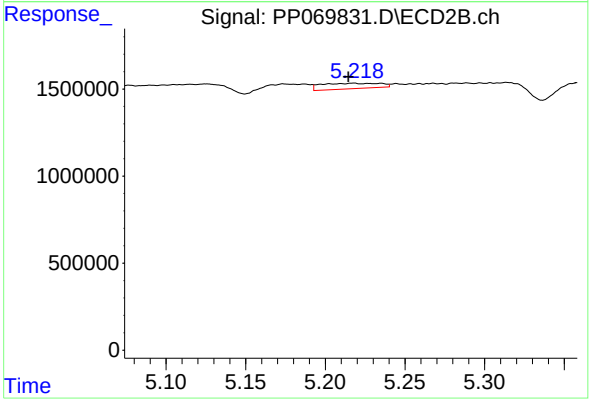
#13 AR-1232-3

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 624481
Conc: 48.23 ng/ml



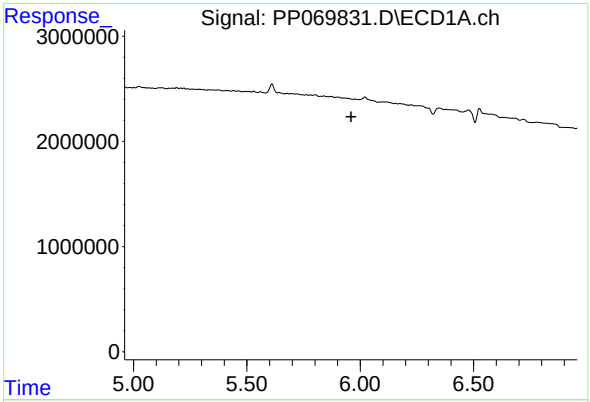
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

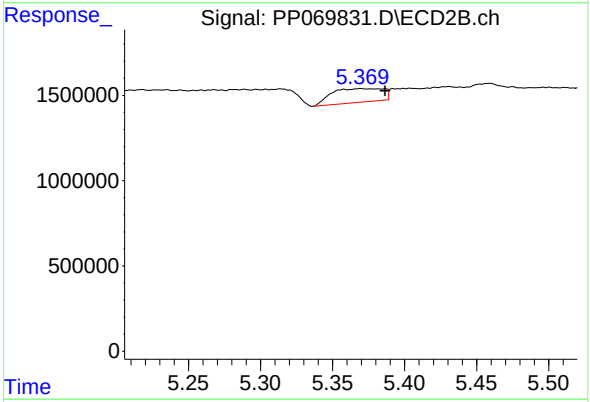
R.T.: 5.217 min
Delta R.T.: 0.003 min
Response: 804686
Conc: 72.58 ng/ml



#15 AR-1232-5

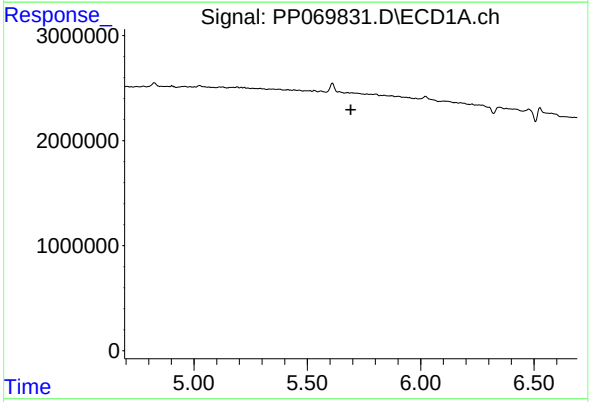
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



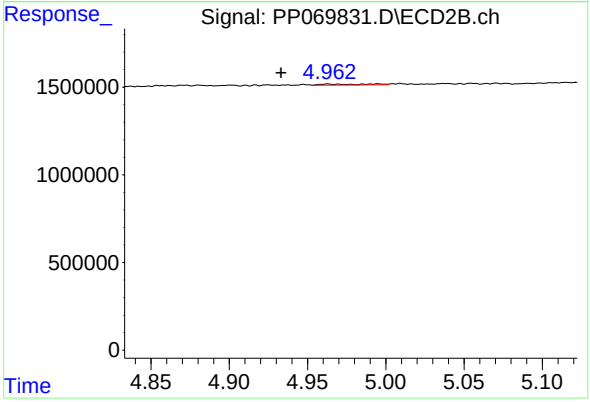
#15 AR-1232-5

R.T.: 5.369 min
Delta R.T.: -0.018 min
Response: 2006543
Conc: 164.33 ng/ml



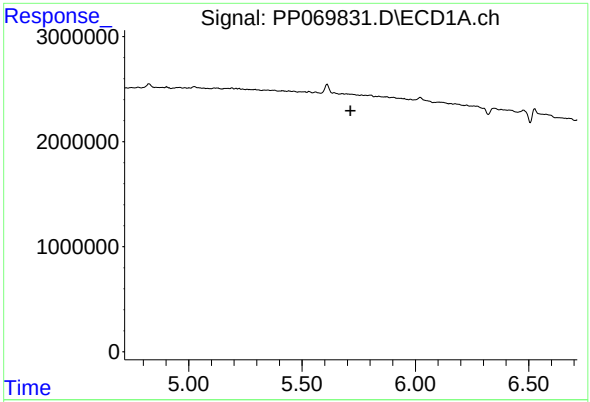
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

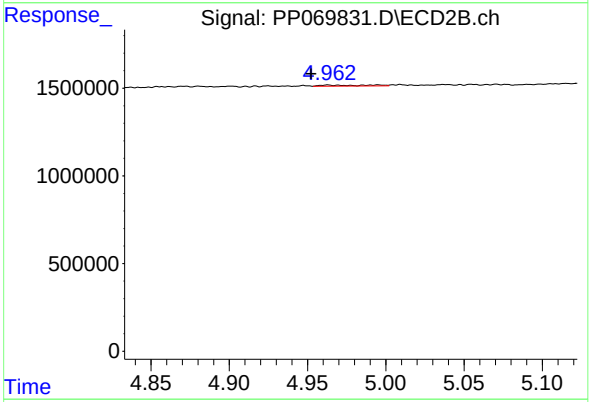
R.T.: 4.995 min
Delta R.T.: 0.062 min
Response: 122738
Conc: 4.26 ng/ml



#17 AR-1242-2

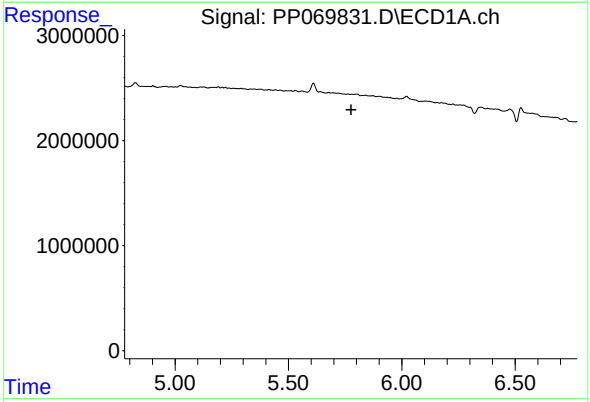
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



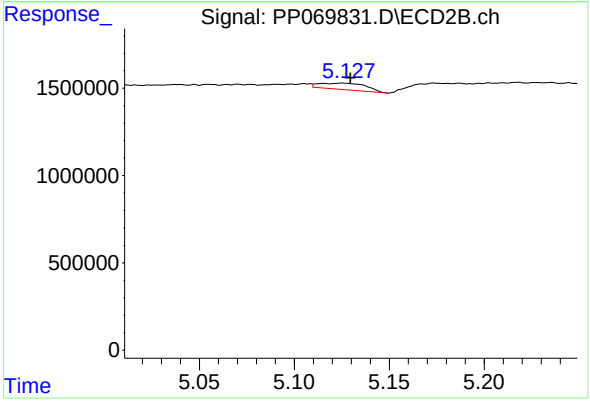
#17 AR-1242-2

R.T.: 4.995 min
Delta R.T.: 0.043 min
Response: 122738
Conc: 3.12 ng/ml



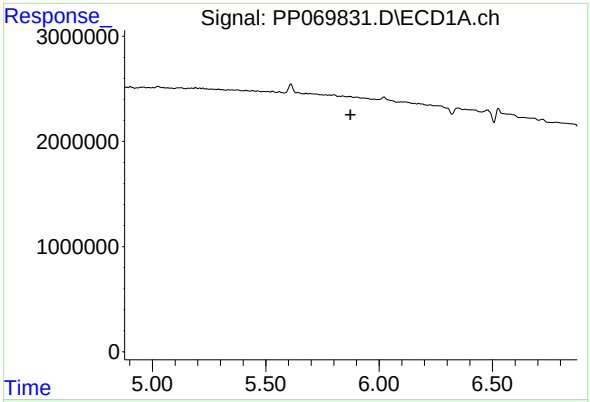
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

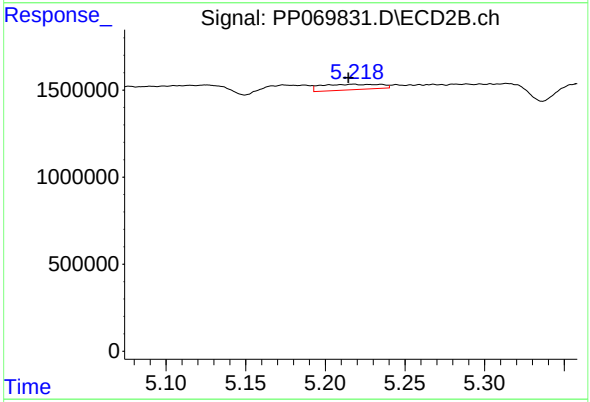
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 624481
Conc: 27.75 ng/ml



#19 AR-1242-4

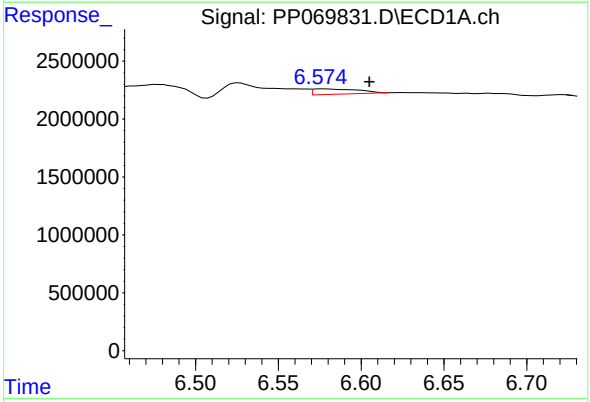
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



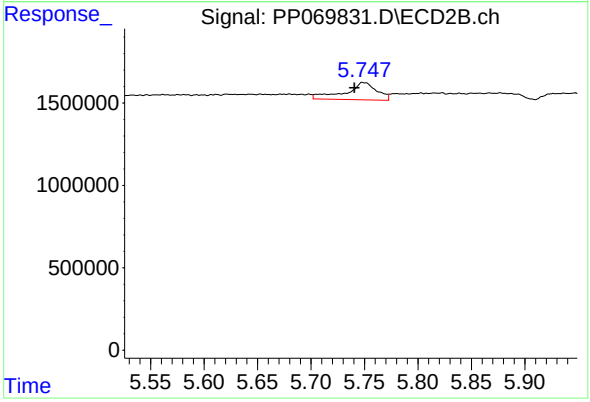
#19 AR-1242-4

R.T.: 5.217 min
Delta R.T.: 0.003 min
Response: 804686
Conc: 37.28 ng/ml



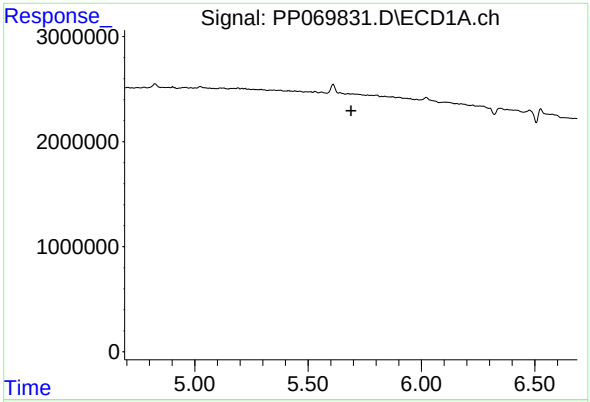
#20 AR-1242-5

R.T.: 6.577 min
Delta R.T.: -0.028 min
Response: 879824
Conc: 27.00 ng/ml



#20 AR-1242-5

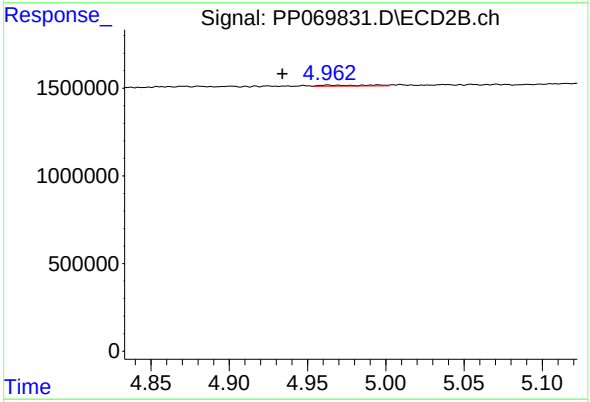
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 2165282
Conc: 75.27 ng/ml



#21 AR-1248-1

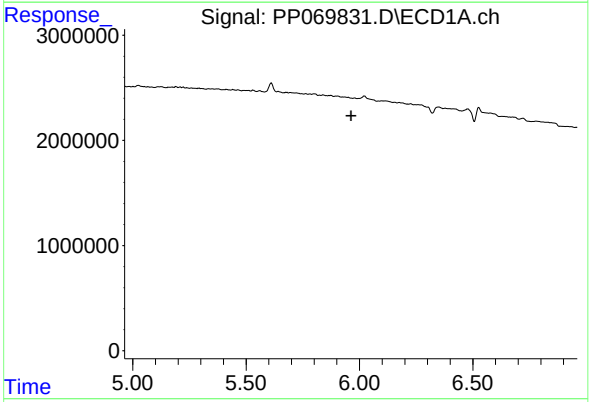
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



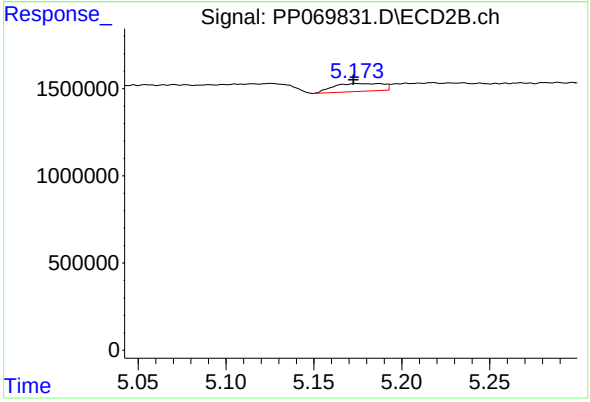
#21 AR-1248-1

R.T.: 4.995 min
Delta R.T.: 0.061 min
Response: 122738
Conc: 5.58 ng/ml



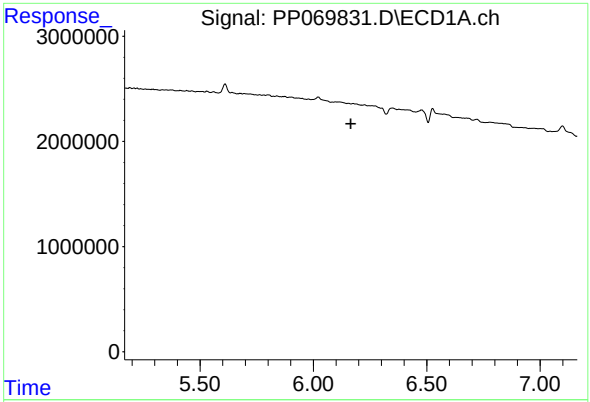
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

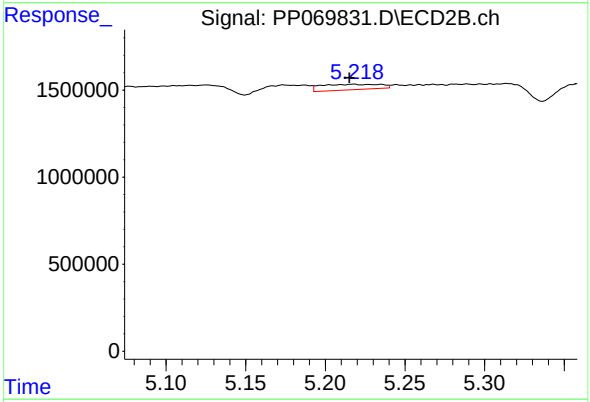
R.T.: 5.174 min
Delta R.T.: 0.002 min
Response: 879475
Conc: 29.25 ng/ml



#23 AR-1248-3

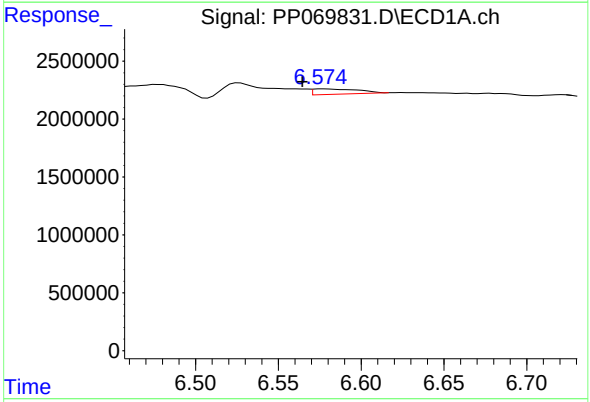
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



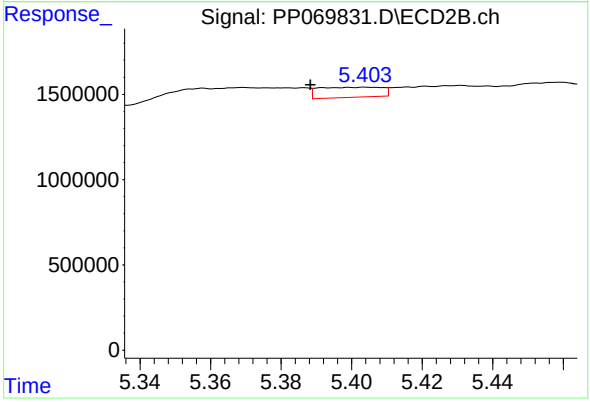
#23 AR-1248-3

R.T.: 5.217 min
Delta R.T.: 0.002 min
Response: 804686
Conc: 25.97 ng/ml



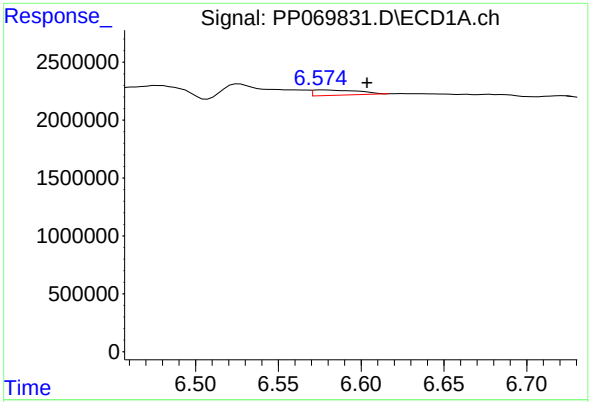
#24 AR-1248-4

R.T.: 6.577 min
Delta R.T.: 0.012 min
Response: 879824
Conc: 15.96 ng/ml



#24 AR-1248-4

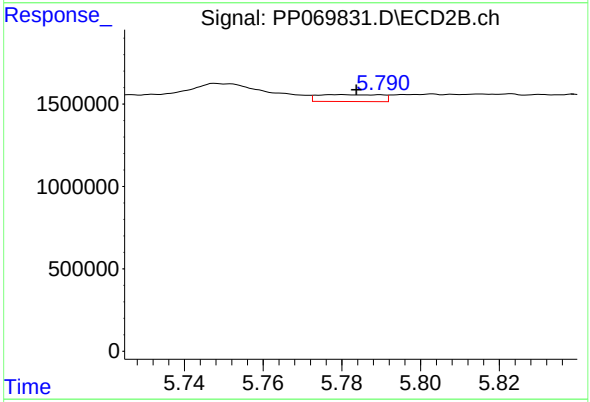
R.T.: 5.405 min
Delta R.T.: 0.016 min
Response: 742729
Conc: 20.10 ng/ml



#25 AR-1248-5

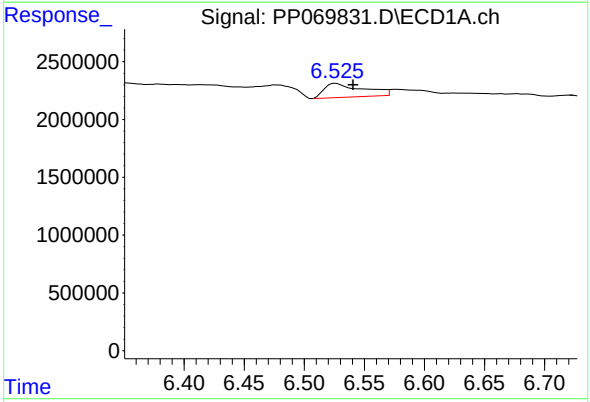
R.T.: 6.577 min
Delta R.T.: -0.027 min
Response: 879824
Conc: 16.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



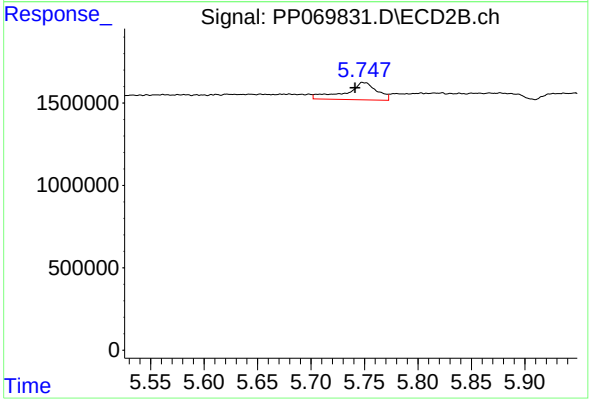
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: -0.004 min
Response: 464149
Conc: 12.41 ng/ml



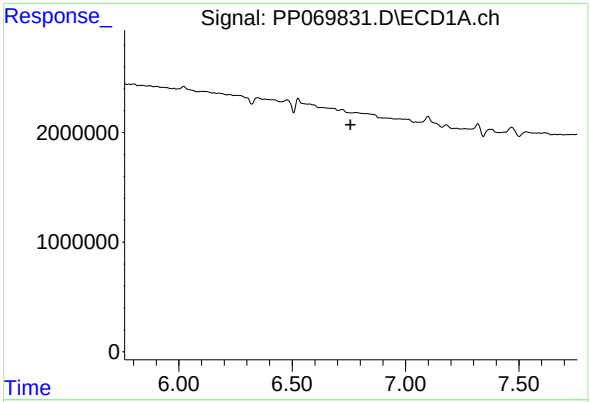
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 min
Response: 2695118
Conc: 46.58 ng/ml



#26 AR-1254-1

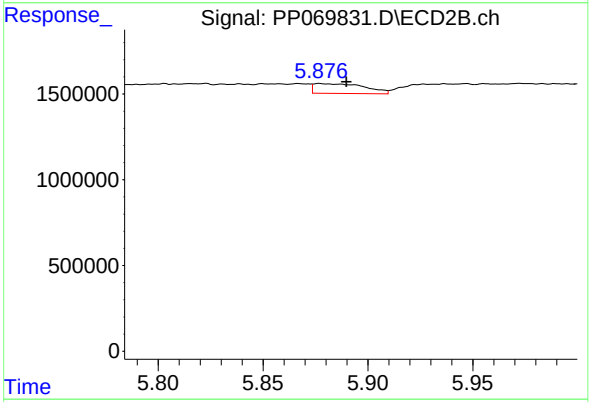
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 2165282
Conc: 39.33 ng/ml



#27 AR-1254-2

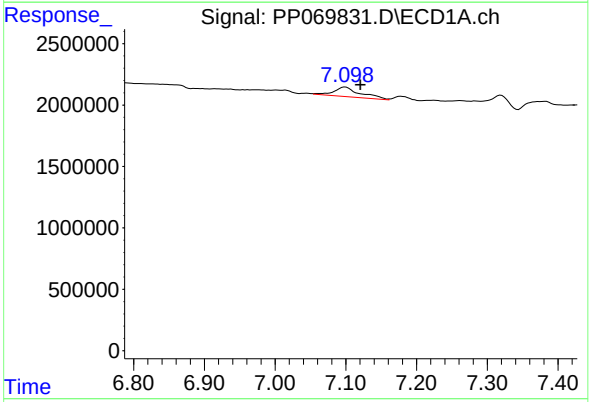
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



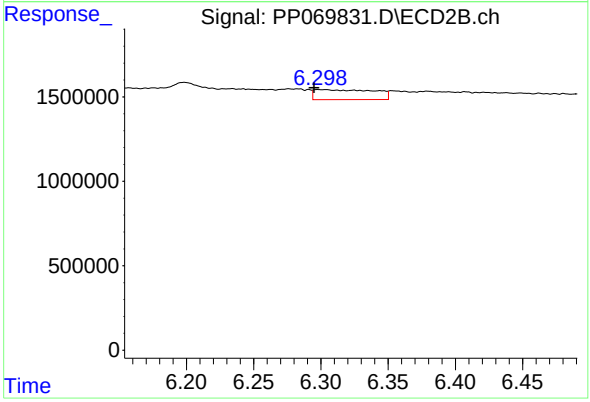
#27 AR-1254-2

R.T.: 5.877 min
Delta R.T.: -0.013 min
Response: 967433
Conc: 20.00 ng/ml



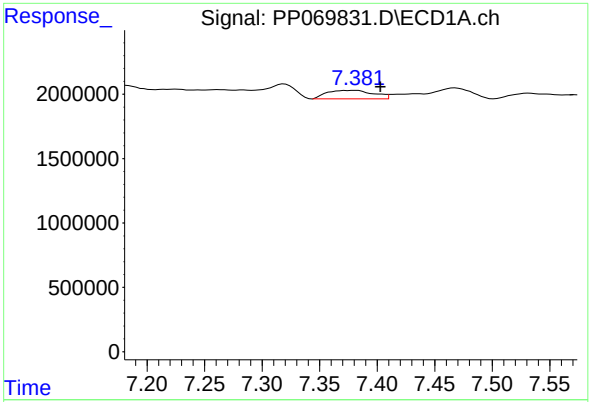
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: -0.021 min
Response: 2072975
Conc: 24.59 ng/ml



#28 AR-1254-3

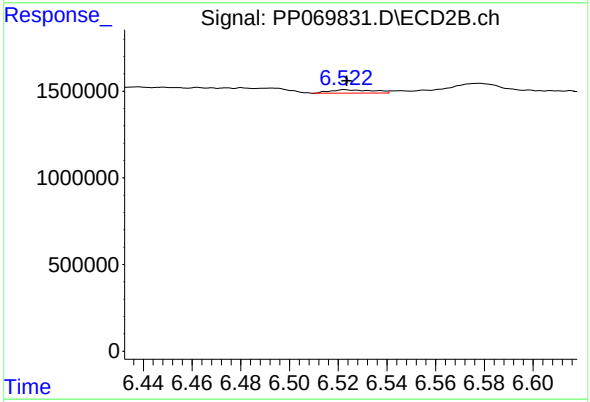
R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 1830623
Conc: 24.12 ng/ml



#29 AR-1254-4

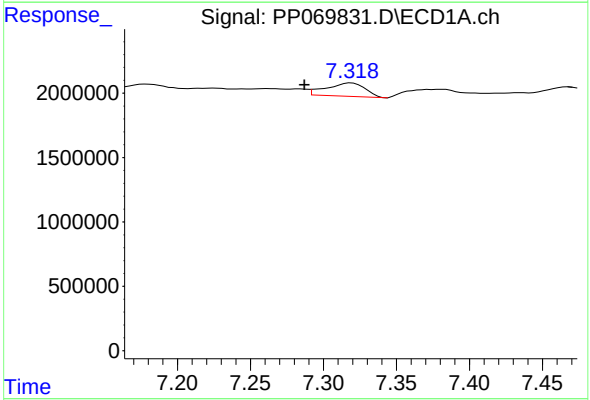
R.T.: 7.382 min
Delta R.T.: -0.020 min
Response: 1864341
Conc: 27.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



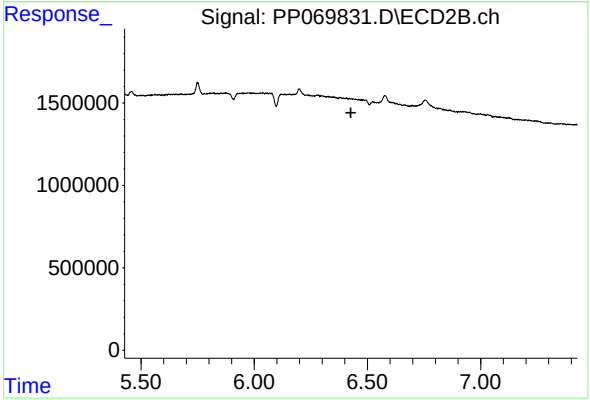
#29 AR-1254-4

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 243465
Conc: 4.75 ng/ml



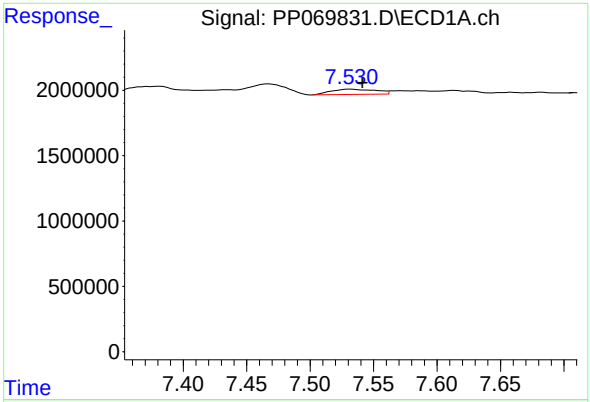
#31 AR-1260-1

R.T.: 7.319 min
Delta R.T.: 0.032 min
Response: 1924327
Conc: 32.93 ng/ml



#31 AR-1260-1

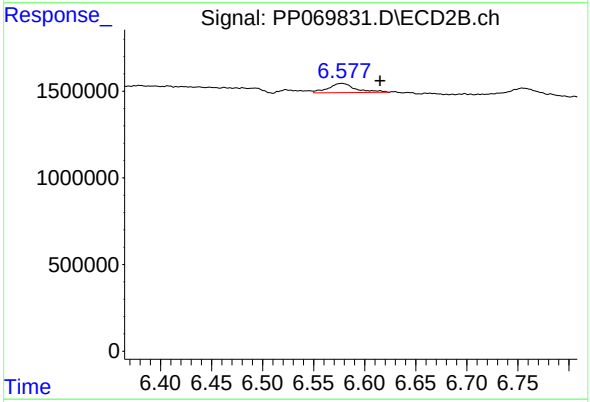
R.T.: 0.000 min
Exp R.T. : 6.426 min
Response: 0
Conc: N.D.



#32 AR-1260-2

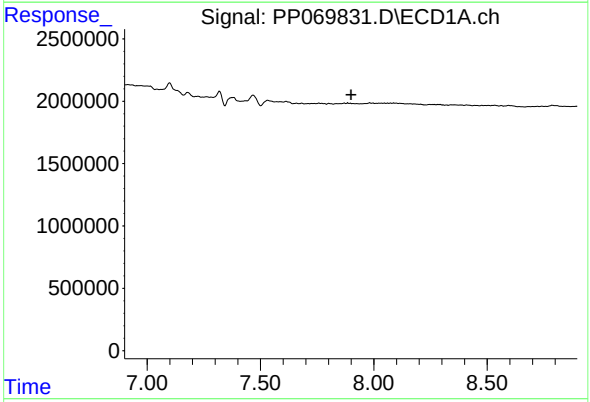
R.T.: 7.532 min
Delta R.T.: -0.009 min
Response: 973572
Conc: 12.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



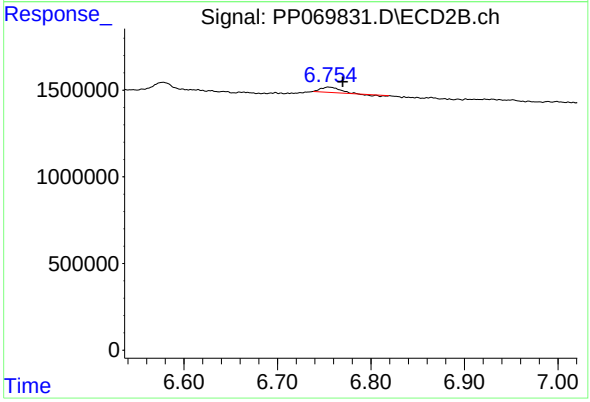
#32 AR-1260-2

R.T.: 6.577 min
Delta R.T.: -0.037 min
Response: 1005811
Conc: 16.41 ng/ml



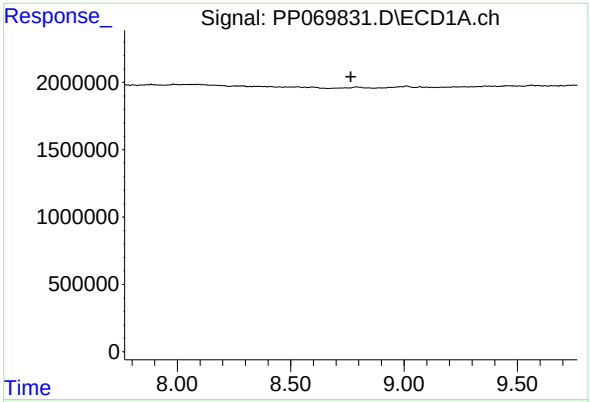
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

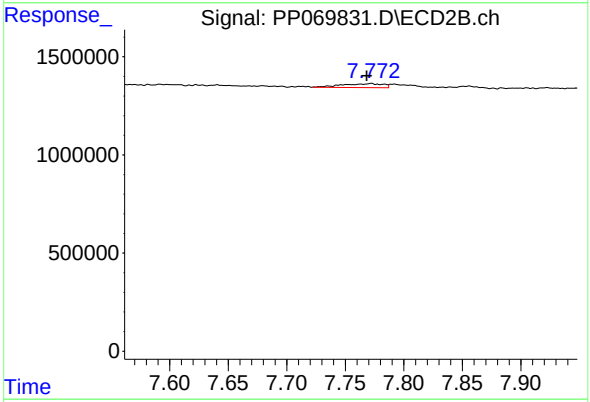
R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 344048
Conc: 5.72 ng/ml



#38 AR-1262-3

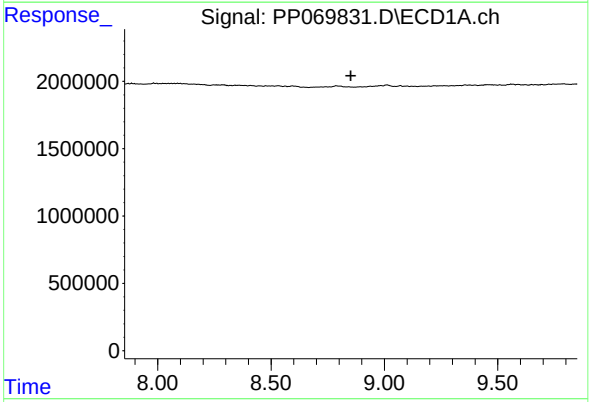
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



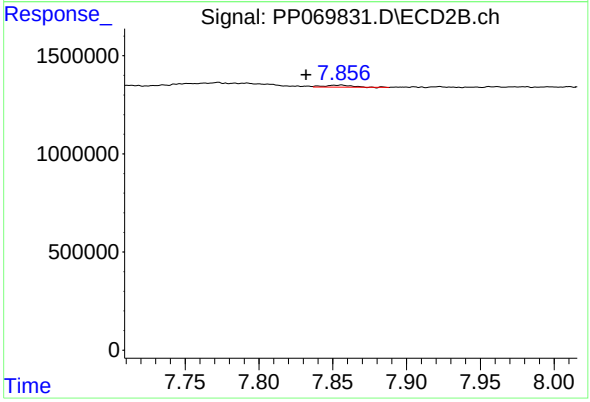
#38 AR-1262-3

R.T.: 7.772 min
Delta R.T.: 0.004 min
Response: 490926
Conc: 9.39 ng/ml



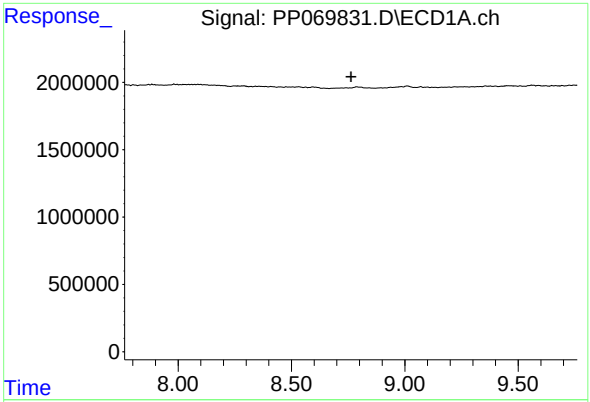
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

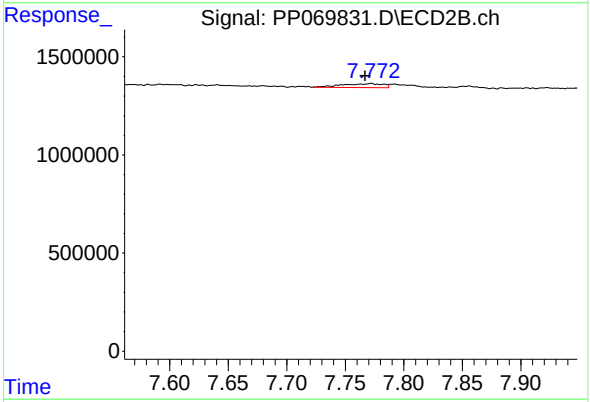
R.T.: 7.856 min
Delta R.T.: 0.024 min
Response: 137584
Conc: 1.49 ng/ml



#41 AR-1268-1

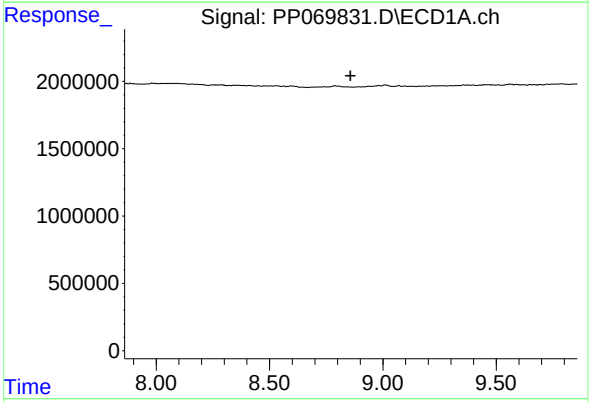
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



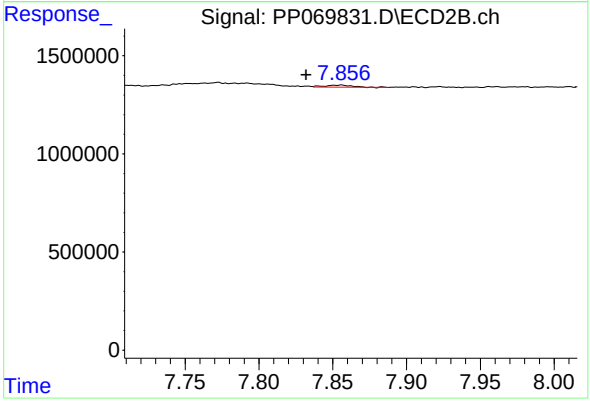
#41 AR-1268-1

R.T.: 7.772 min
Delta R.T.: 0.005 min
Response: 490926
Conc: 3.38 ng/ml



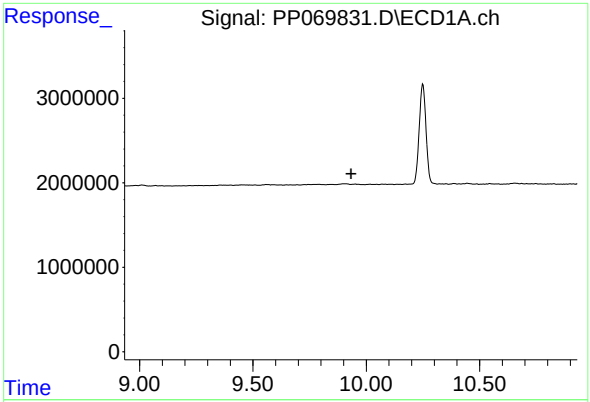
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

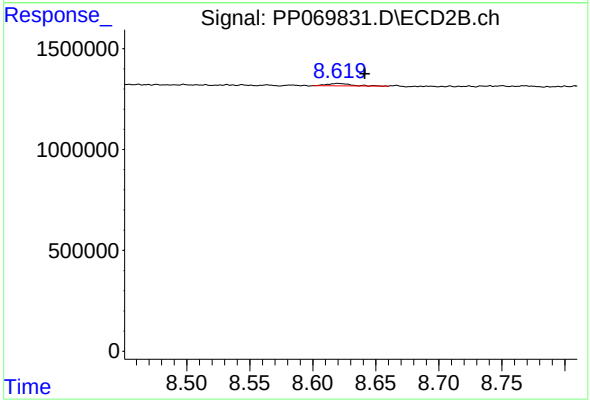
R.T.: 7.856 min
Delta R.T.: 0.024 min
Response: 137584
Conc: 1.04 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 159196
Conc: 0.45 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:00
Operator : YP\AJ
Sample : PB166770BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166770BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:20:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	36582177	18793365	25.555	21.056	
2)	SA Decachlor...	10.252	8.887	24526563	26585479	22.442	23.769	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.922	0	12152	N.D.	0.373	#
4)	L1 AR-1016-2	0.000	4.957	0	28000	N.D.	0.623	#
5)	L1 AR-1016-3	0.000	5.156	0	139886	N.D.	5.622	#
6)	L1 AR-1016-4	0.000	5.166	0	30643	N.D.	1.517	#
7)	L1 AR-1016-5	0.000	5.396	0	63310	N.D.	2.360	#
8)	L2 AR-1221-1	0.000	4.048	0	86892	N.D.	7.054	#
9)	L2 AR-1221-2	4.828	4.132	532712	377321	38.905	38.966	
10)	L2 AR-1221-3	0.000	4.202	0	218056	N.D.	7.474	#
11)	L3 AR-1232-1	4.828f	4.202	532712	218056	16.000	9.287	#
12)	L3 AR-1232-2	0.000	4.957	0	28000	N.D.	1.188	#
13)	L3 AR-1232-3	0.000	5.156	0	139886	N.D.	10.804	#
14)	L3 AR-1232-4	0.000	5.207	0	63706	N.D.	5.746	#
15)	L3 AR-1232-5	0.000	5.396	0	63310	N.D.	5.185	#
16)	L4 AR-1242-1	0.000	4.922	0	12152	N.D.	0.421	#
17)	L4 AR-1242-2	0.000	4.957	0	28000	N.D.	0.711	#
18)	L4 AR-1242-3	0.000	5.156	0	139886	N.D.	6.216	#
19)	L4 AR-1242-4	0.000	5.207	0	63706	N.D.	2.952	#
20)	L4 AR-1242-5	0.000	5.725	0	263065	N.D.	9.144	#
21)	L5 AR-1248-1	0.000	4.922	0	12152	N.D.	0.552	#
22)	L5 AR-1248-2	0.000	5.166	0	30643	N.D.	1.019	#
23)	L5 AR-1248-3	0.000	5.207	0	63706	N.D.	2.056	#
24)	L5 AR-1248-4	0.000	5.396	0	63310	N.D.	1.714	#
25)	L5 AR-1248-5	0.000	5.801	0	710455	N.D.	19.002	#
26)	L6 AR-1254-1	0.000	5.725	0	263065	N.D.	4.778	#
27)	L6 AR-1254-2	0.000	5.884	0	562925	N.D.	11.638	#
28)	L6 AR-1254-3	0.000	6.311	0	309582	N.D.	4.079	#
29)	L6 AR-1254-4	7.404	6.579f	432113	167334	6.337	3.265	#
30)	L6 AR-1254-5	7.877f	0.000	828134	0	12.170	N.D.	#
32)	L7 AR-1260-2	7.583f	6.579f	397347	167334	5.106	2.730	#
33)	L7 AR-1260-3	7.877	6.755	828134	444816	13.246	7.394	#
34)	L7 AR-1260-4	8.151	7.189f	210887	53020	3.196	1.141	#
36)	L8 AR-1262-1	8.151	0.000	210887	0	2.669	N.D.	#
37)	L8 AR-1262-2	0.000	7.189f	0	53020	N.D.	0.869	#
38)	L8 AR-1262-3	0.000	7.809f	0	66663	N.D.	1.275	#
39)	L8 AR-1262-4	0.000	7.821	0	76896	N.D.	0.832	#
41)	L9 AR-1268-1	0.000	7.809f	0	66663	N.D.	0.459	#
42)	L9 AR-1268-2	0.000	7.821	0	76896	N.D.	0.579	#
43)	L9 AR-1268-3	0.000	8.028	0	161132	N.D.	1.417	#
45)	L9 AR-1268-5	0.000	8.664	0	40111	N.D.	0.113	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:00
Operator : YP\AJ
Sample : PB166770BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166770BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:20:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

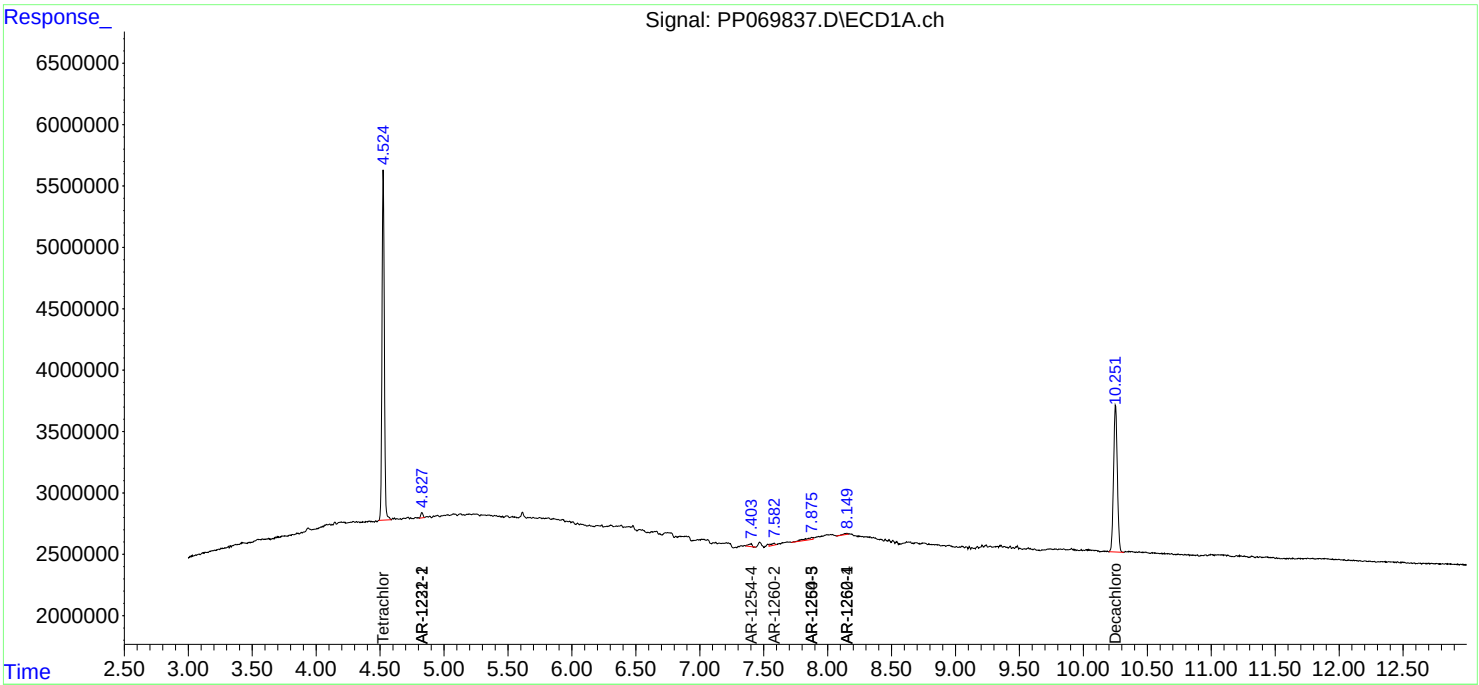
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

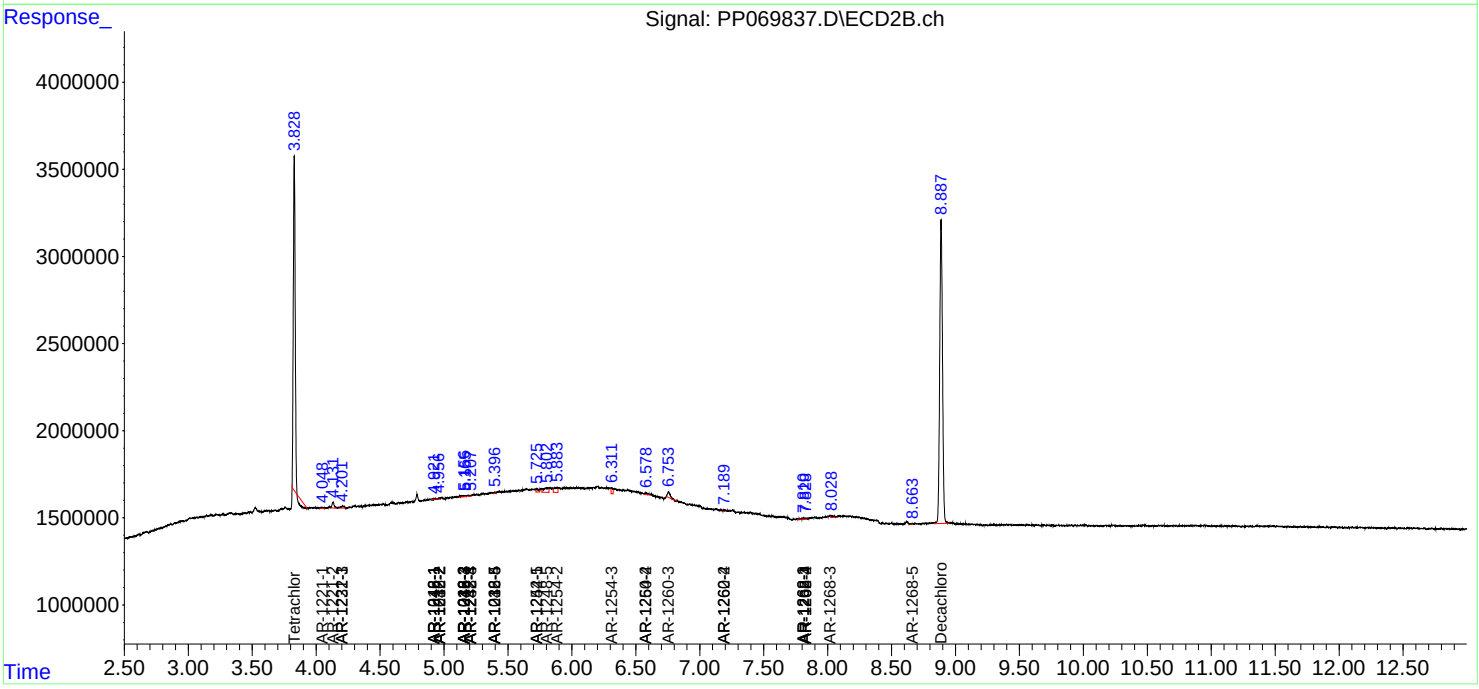
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069837.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:00
Operator : YP\AJ
Sample : PB166770BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

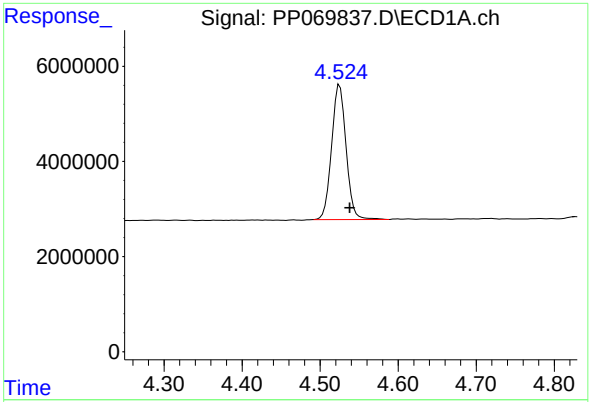
Instrument :
ECD_P
ClientSampleId :
PB166770BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:20:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



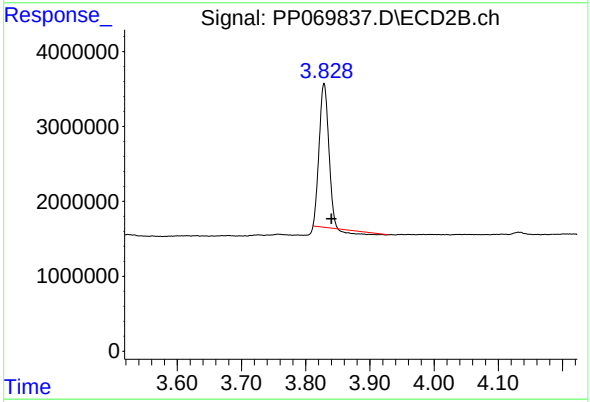




#1 Tetrachloro-m-xylene

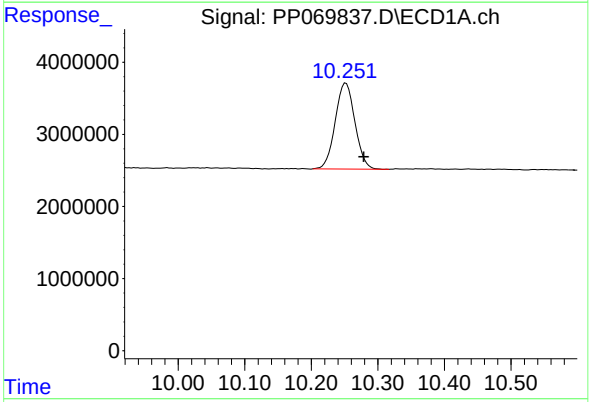
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 36582177
Conc: 25.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL



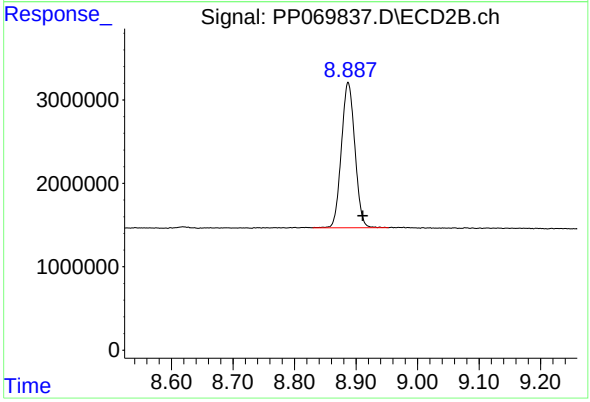
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 18793365
Conc: 21.06 ng/ml



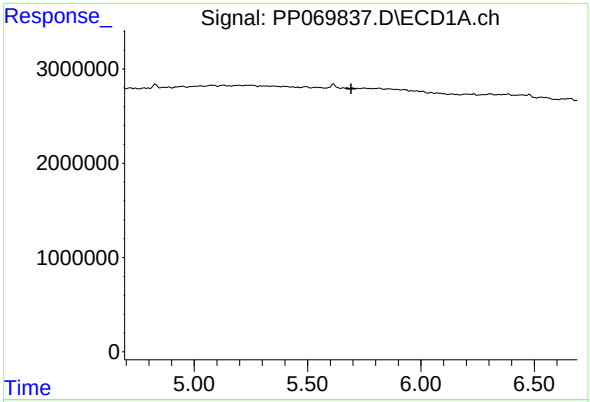
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 24526563
Conc: 22.44 ng/ml



#2 Decachlorobiphenyl

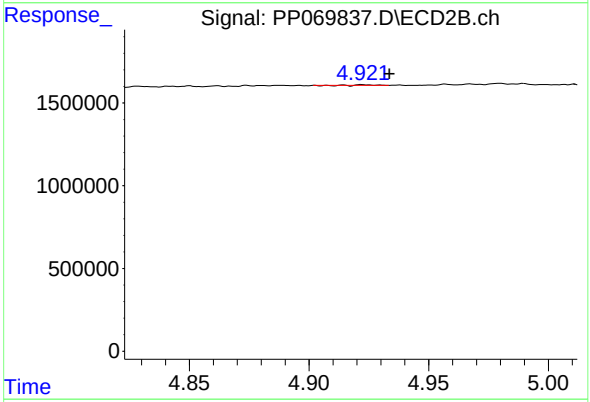
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26585479
Conc: 23.77 ng/ml



#3 AR-1016-1

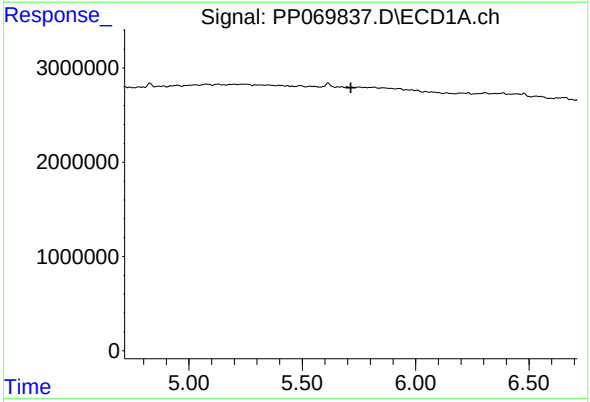
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



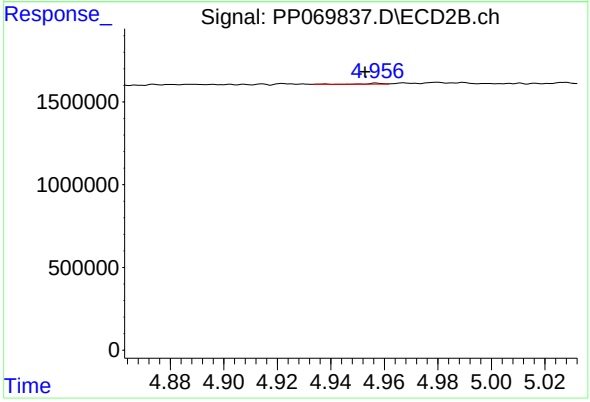
#3 AR-1016-1

R.T.: 4.922 min
Delta R.T.: -0.011 min
Response: 12152
Conc: 0.37 ng/ml



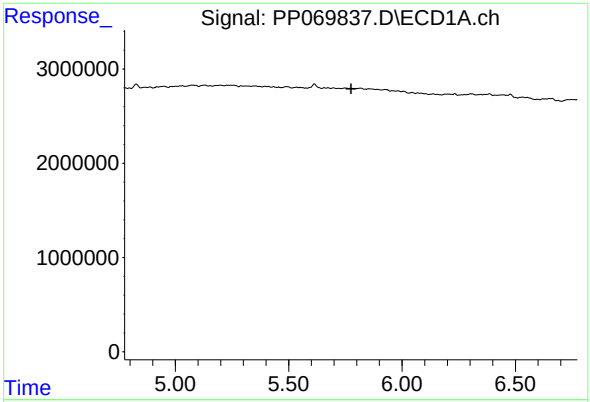
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

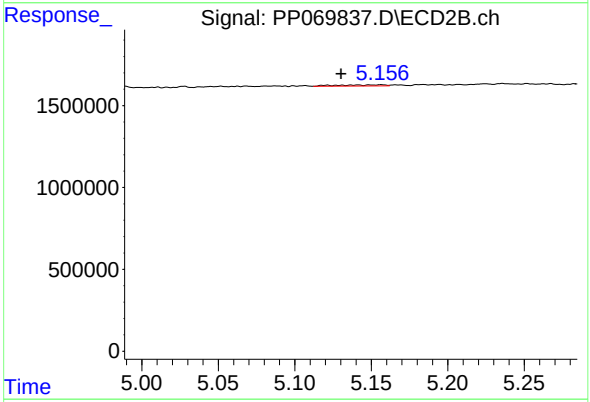
R.T.: 4.957 min
Delta R.T.: 0.004 min
Response: 28000
Conc: 0.62 ng/ml



#5 AR-1016-3

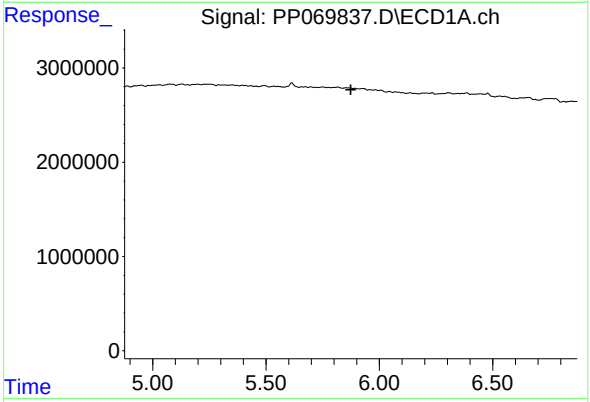
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



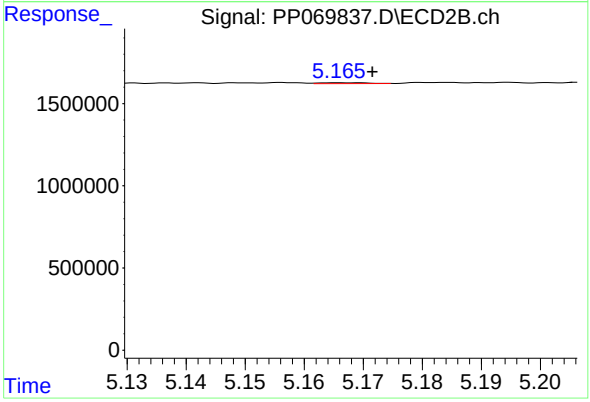
#5 AR-1016-3

R.T.: 5.156 min
Delta R.T.: 0.026 min
Response: 139886
Conc: 5.62 ng/ml



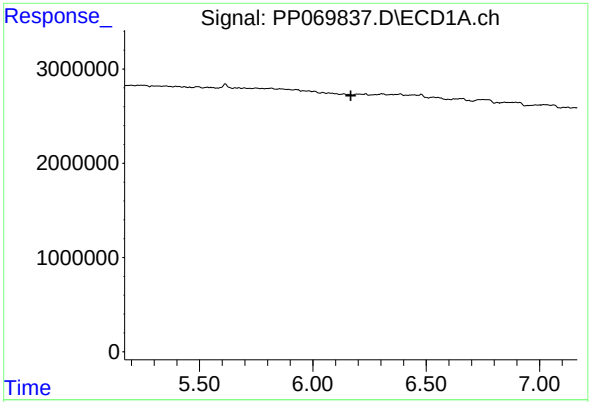
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

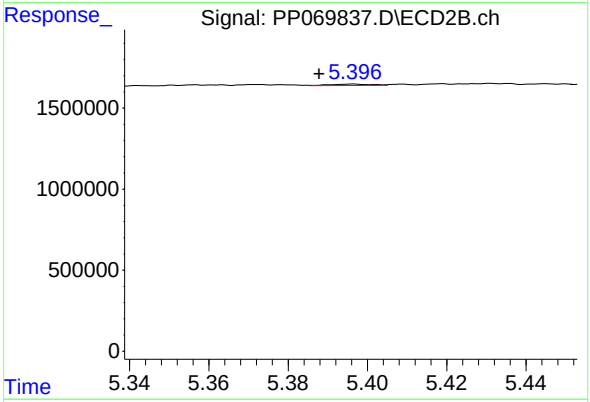
R.T.: 5.166 min
Delta R.T.: -0.005 min
Response: 30643
Conc: 1.52 ng/ml



#7 AR-1016-5

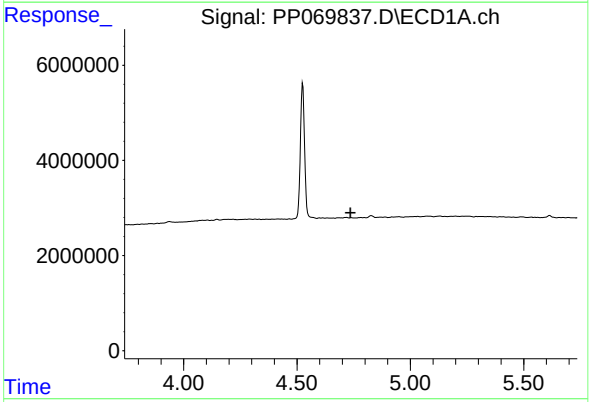
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



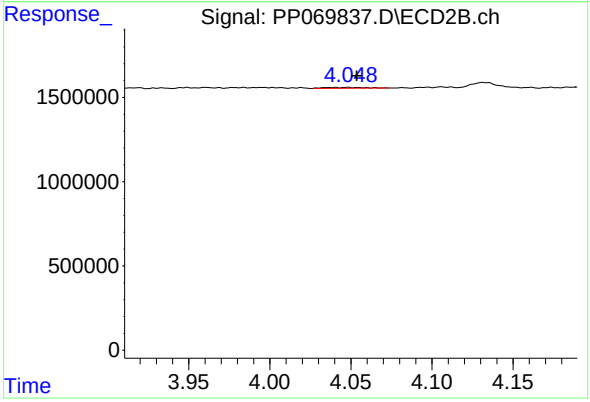
#7 AR-1016-5

R.T.: 5.396 min
Delta R.T.: 0.009 min
Response: 63310
Conc: 2.36 ng/ml



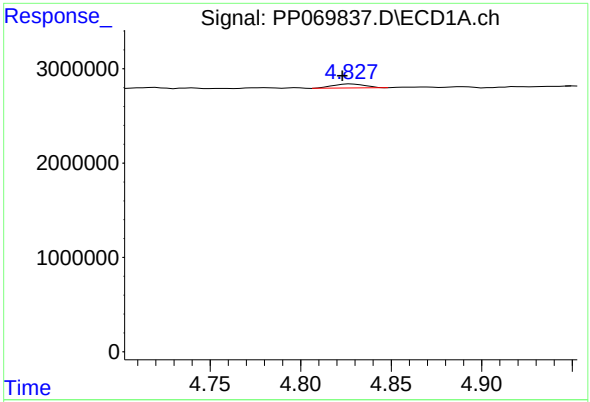
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

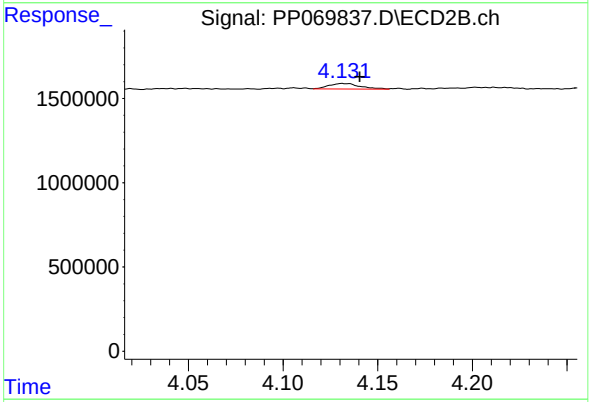
R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 86892
Conc: 7.05 ng/ml



#9 AR-1221-2

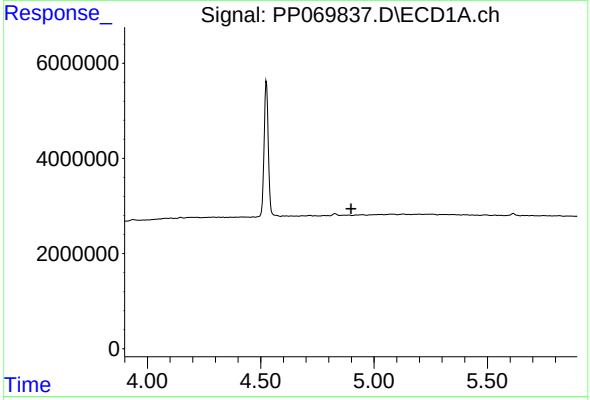
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 532712
Conc: 38.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL



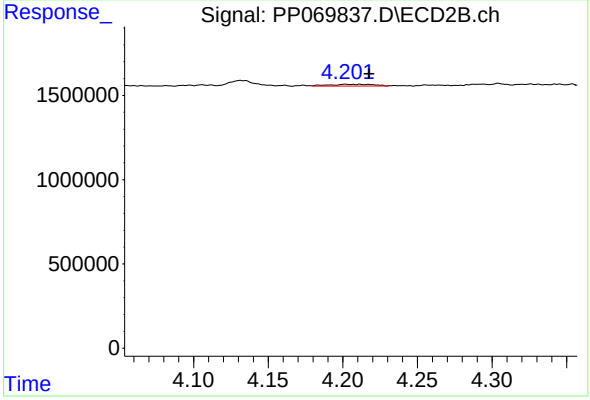
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.009 min
Response: 377321
Conc: 38.97 ng/ml



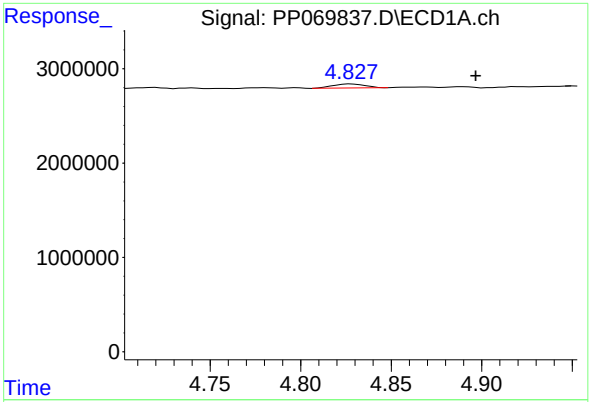
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

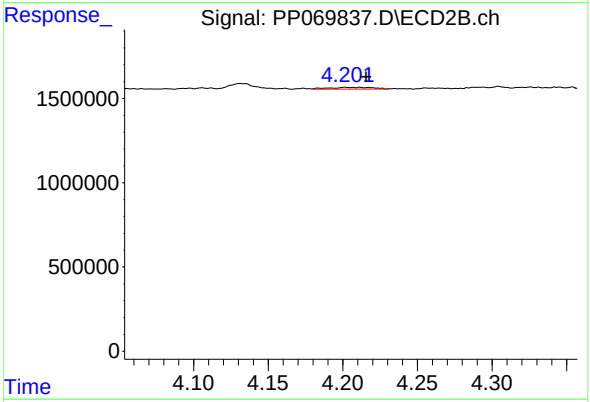
R.T.: 4.202 min
Delta R.T.: -0.016 min
Response: 218056
Conc: 7.47 ng/ml



#11 AR-1232-1

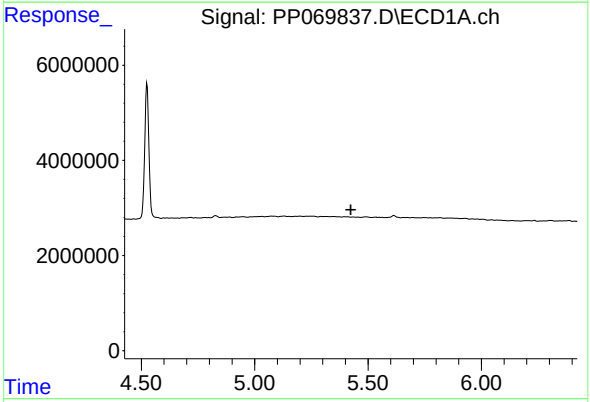
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 532712
Conc: 16.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL



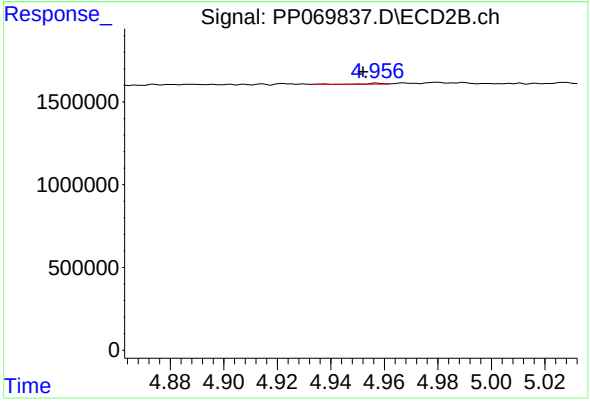
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: -0.013 min
Response: 218056
Conc: 9.29 ng/ml



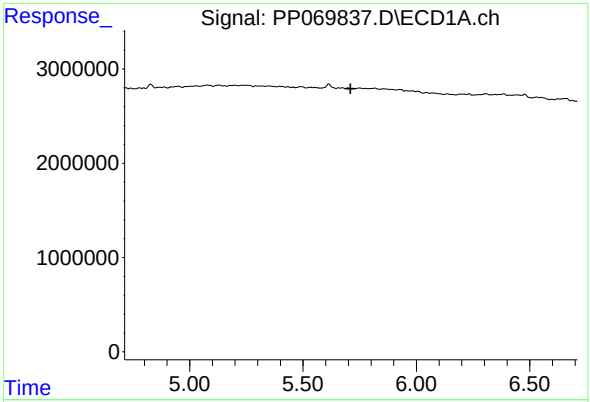
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

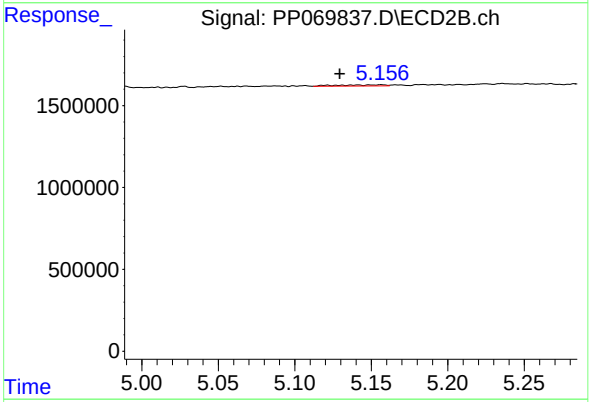
R.T.: 4.957 min
Delta R.T.: 0.005 min
Response: 28000
Conc: 1.19 ng/ml



#13 AR-1232-3

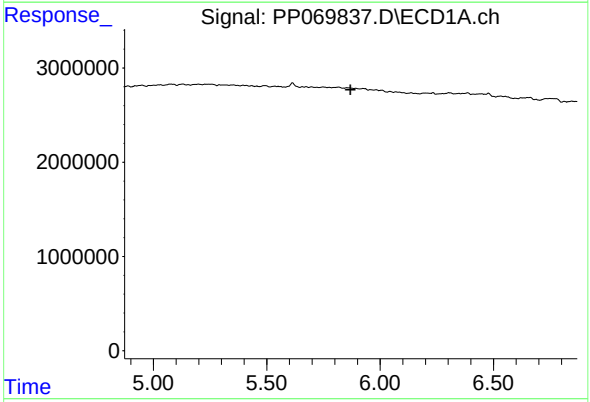
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



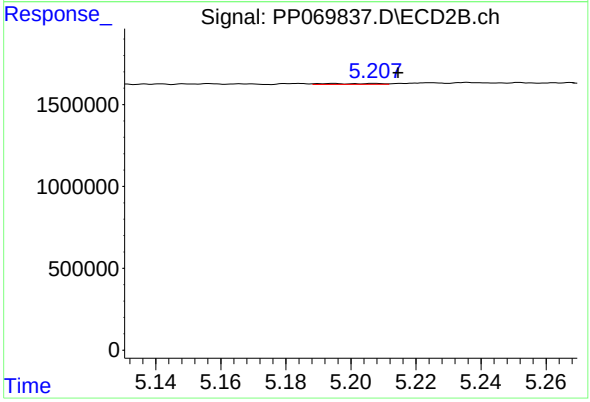
#13 AR-1232-3

R.T.: 5.156 min
Delta R.T.: 0.027 min
Response: 139886
Conc: 10.80 ng/ml



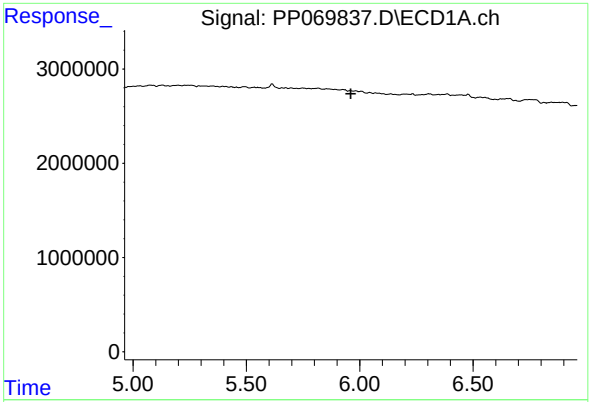
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

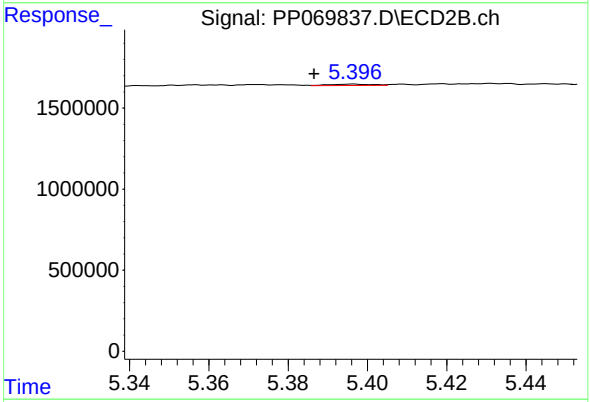
R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 63706
Conc: 5.75 ng/ml



#15 AR-1232-5

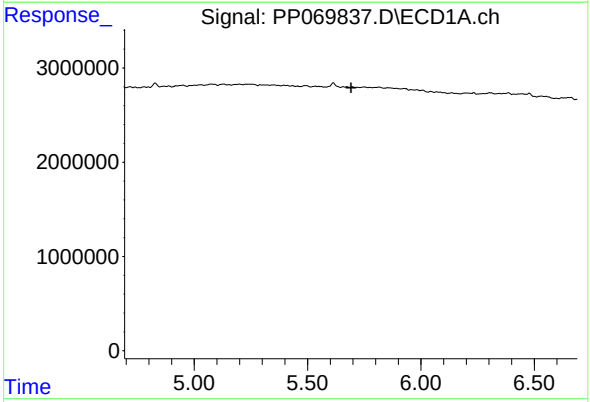
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



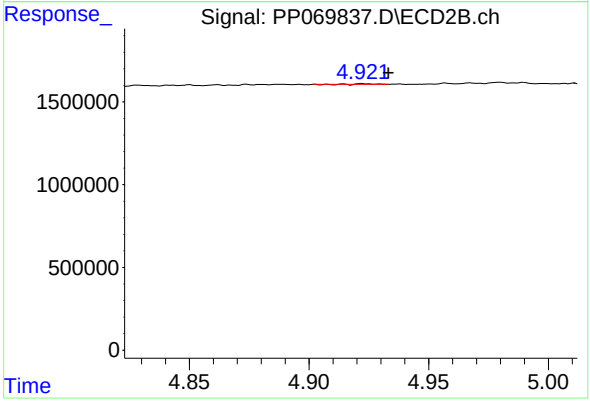
#15 AR-1232-5

R.T.: 5.396 min
Delta R.T.: 0.010 min
Response: 63310
Conc: 5.18 ng/ml



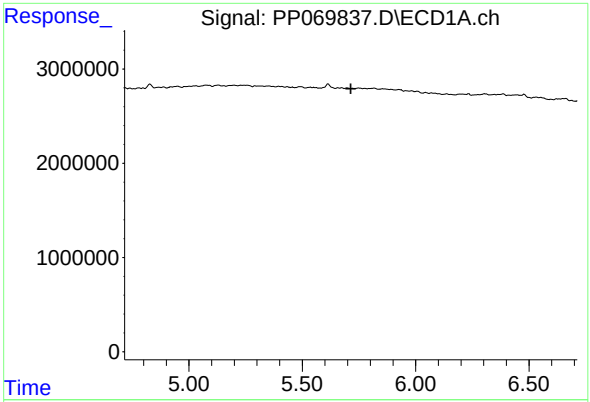
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

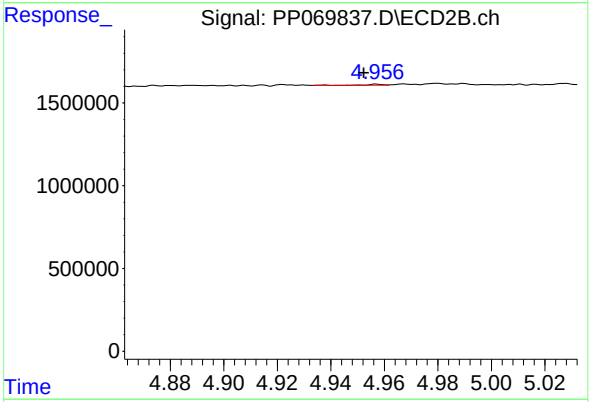
R.T.: 4.922 min
Delta R.T.: -0.011 min
Response: 12152
Conc: 0.42 ng/ml



#17 AR-1242-2

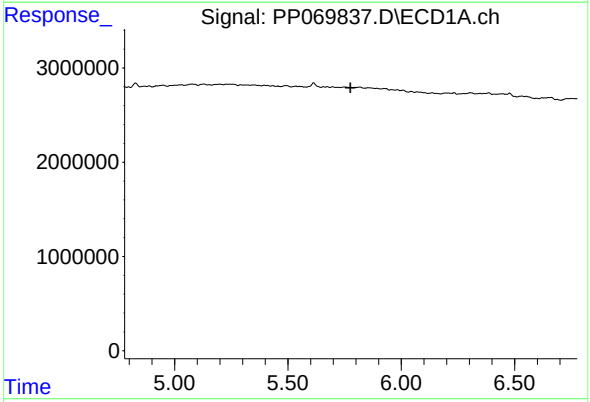
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



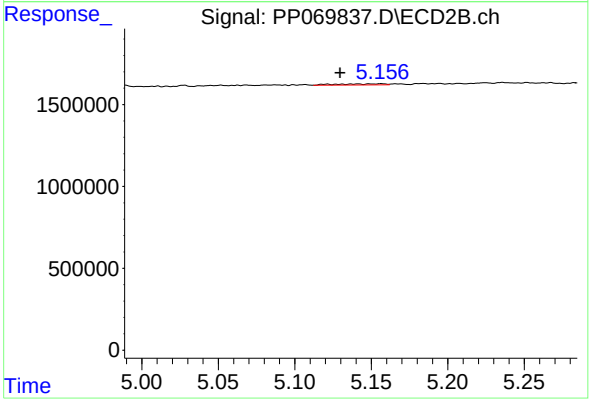
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: 0.005 min
Response: 28000
Conc: 0.71 ng/ml



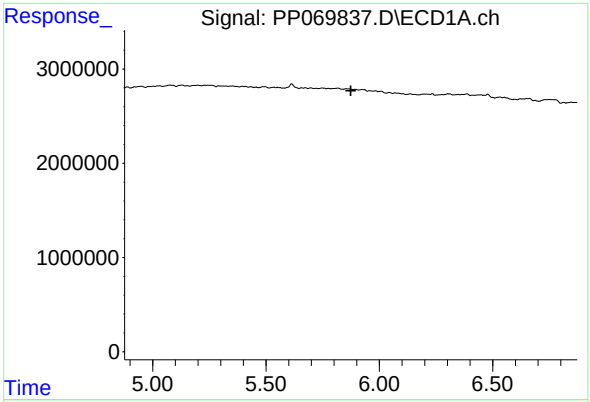
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

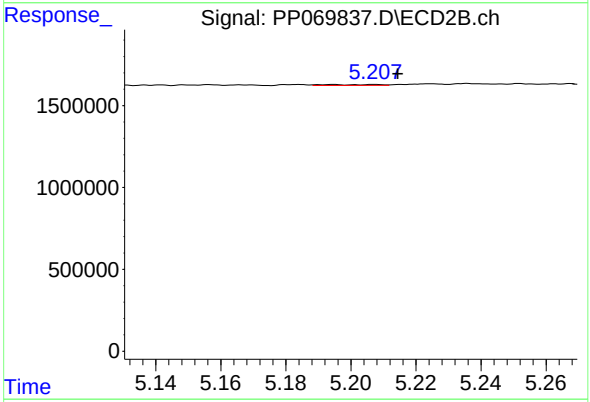
R.T.: 5.156 min
Delta R.T.: 0.027 min
Response: 139886
Conc: 6.22 ng/ml



#19 AR-1242-4

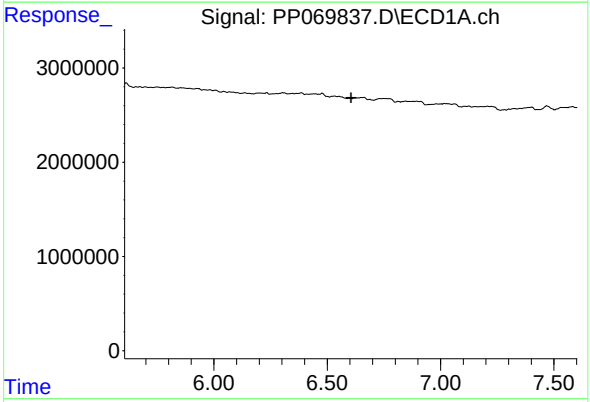
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



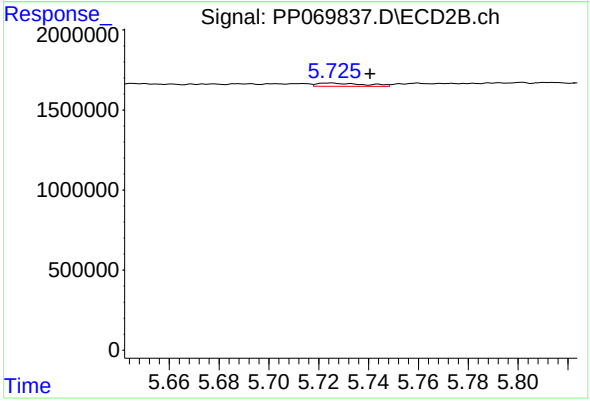
#19 AR-1242-4

R.T.: 5.207 min
Delta R.T.: -0.007 min
Response: 63706
Conc: 2.95 ng/ml



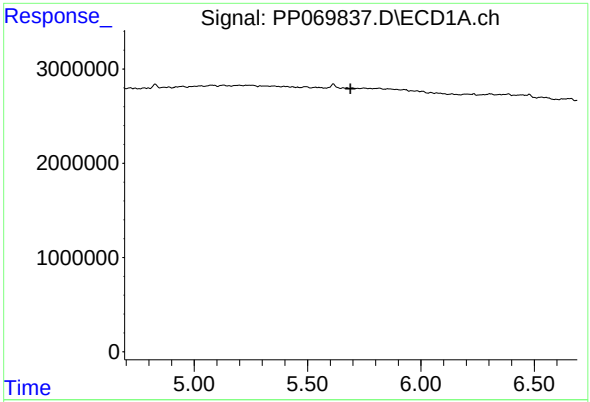
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

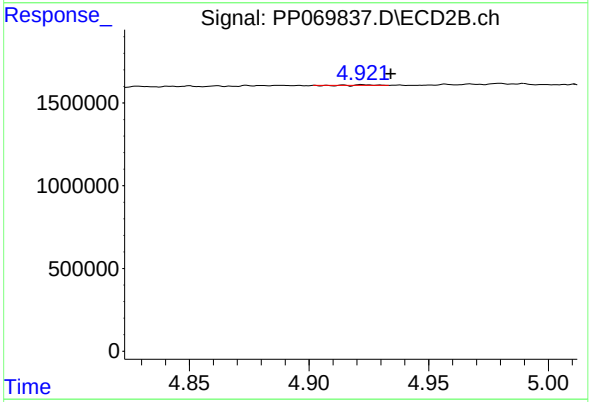
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 263065
Conc: 9.14 ng/ml



#21 AR-1248-1

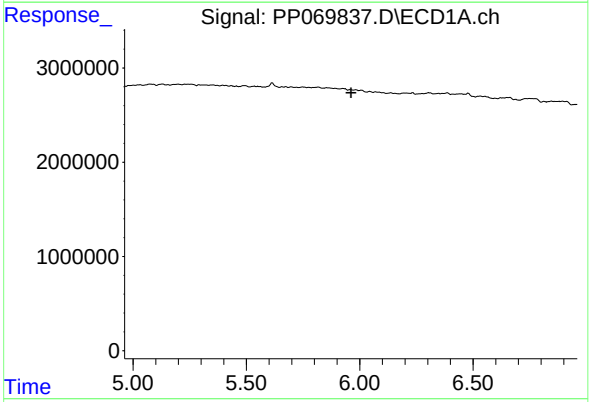
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



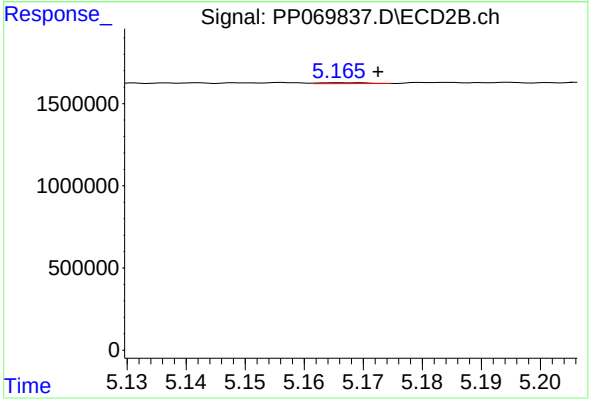
#21 AR-1248-1

R.T.: 4.922 min
Delta R.T.: -0.012 min
Response: 12152
Conc: 0.55 ng/ml



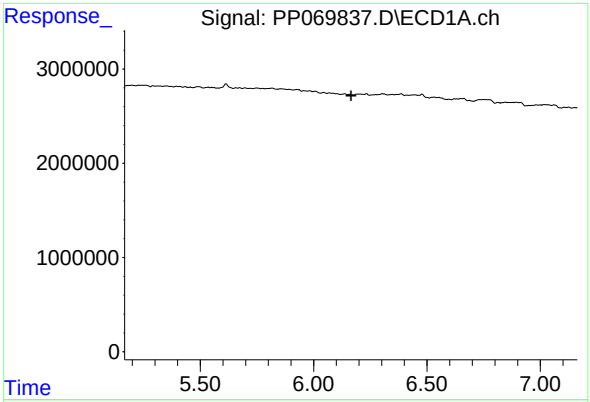
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

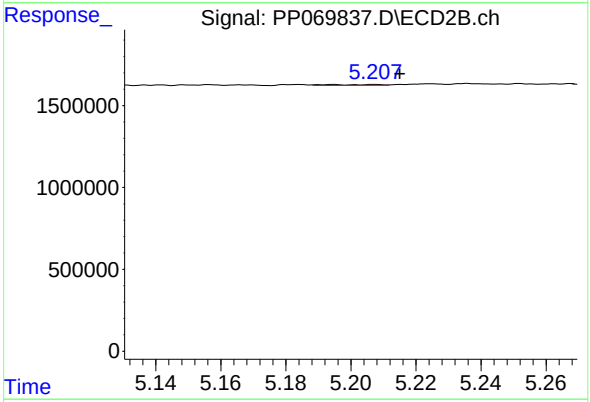
R.T.: 5.166 min
Delta R.T.: -0.006 min
Response: 30643
Conc: 1.02 ng/ml



#23 AR-1248-3

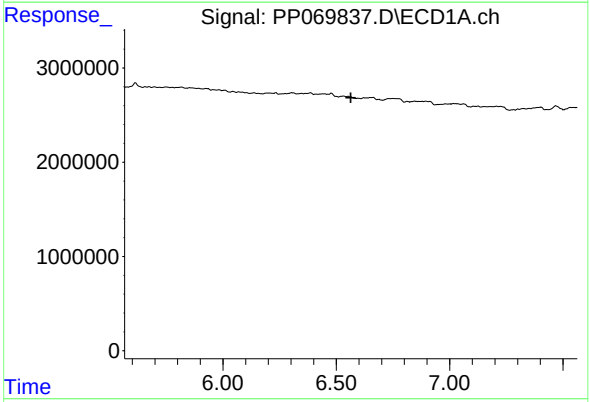
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



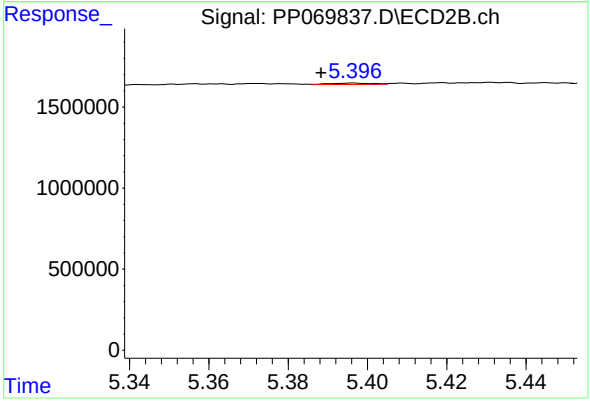
#23 AR-1248-3

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 63706
Conc: 2.06 ng/ml



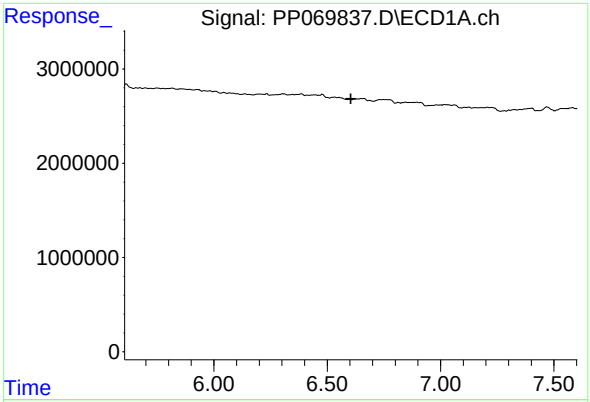
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

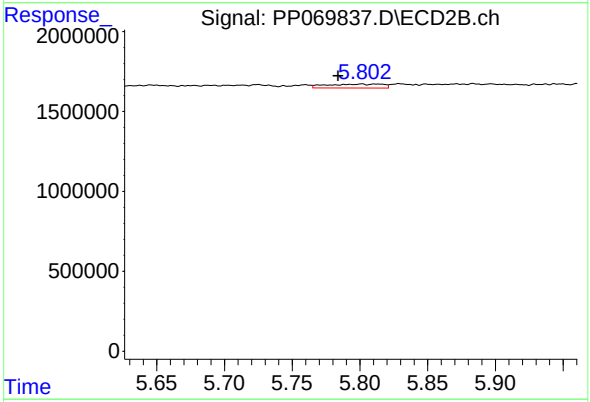
R.T.: 5.396 min
Delta R.T.: 0.008 min
Response: 63310
Conc: 1.71 ng/ml



#25 AR-1248-5

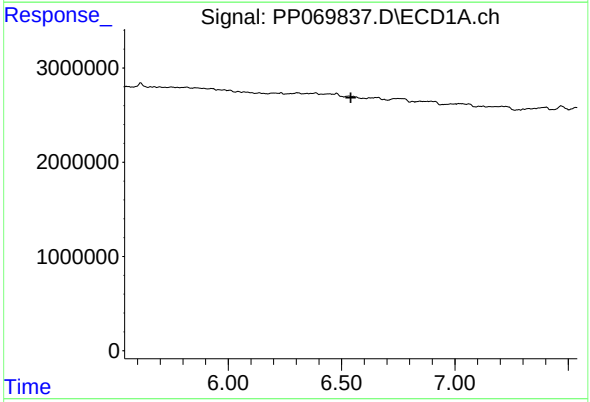
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



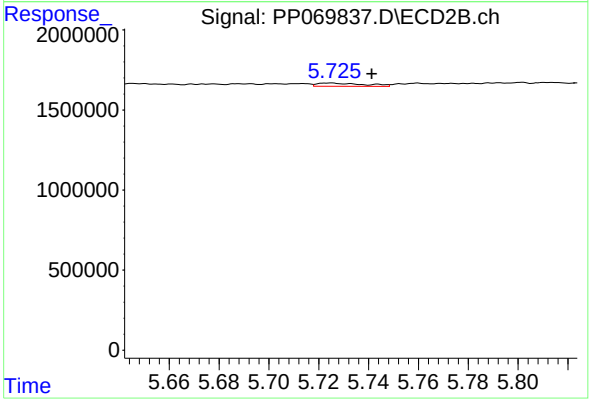
#25 AR-1248-5

R.T.: 5.801 min
Delta R.T.: 0.018 min
Response: 710455
Conc: 19.00 ng/ml



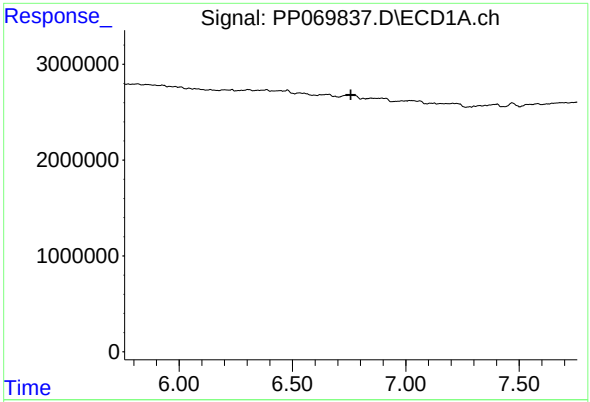
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

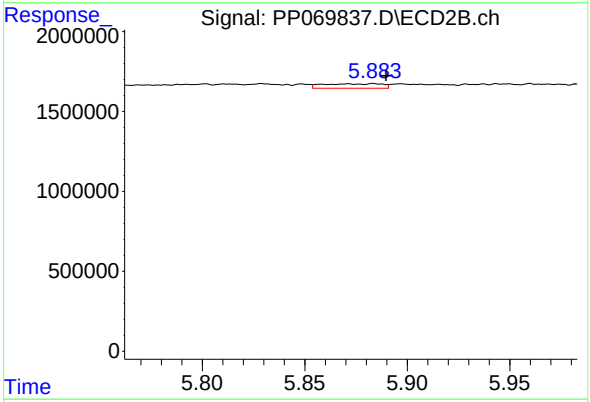
R.T.: 5.725 min
Delta R.T.: -0.017 min
Response: 263065
Conc: 4.78 ng/ml



#27 AR-1254-2

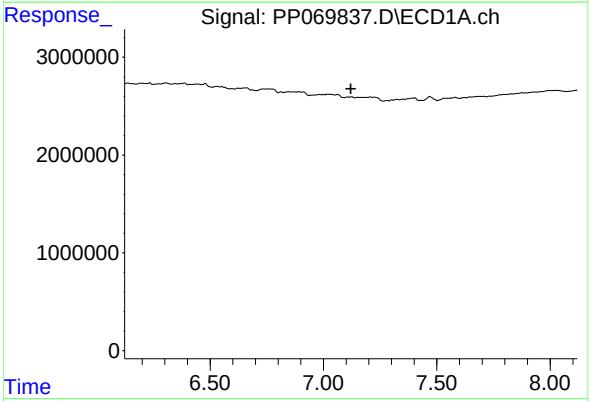
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



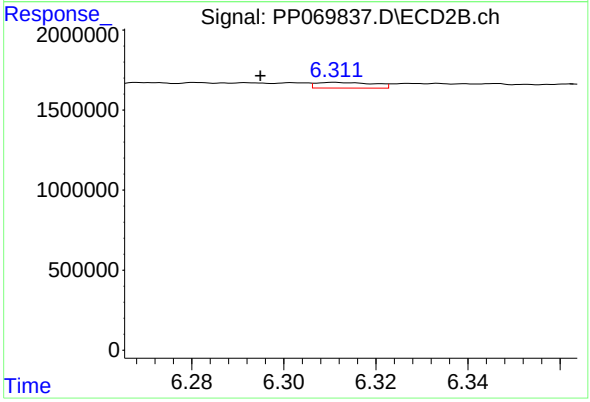
#27 AR-1254-2

R.T.: 5.884 min
Delta R.T.: -0.006 min
Response: 562925
Conc: 11.64 ng/ml



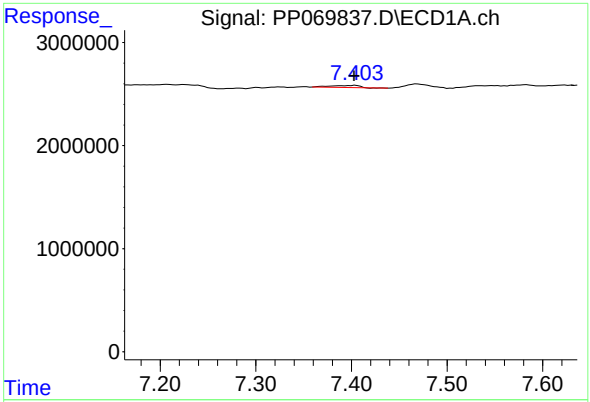
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

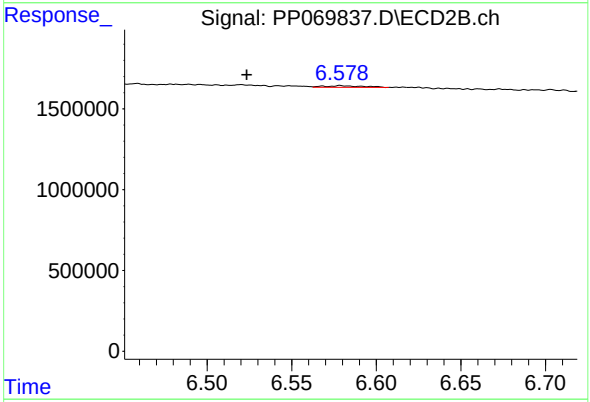
R.T.: 6.311 min
Delta R.T.: 0.016 min
Response: 309582
Conc: 4.08 ng/ml



#29 AR-1254-4

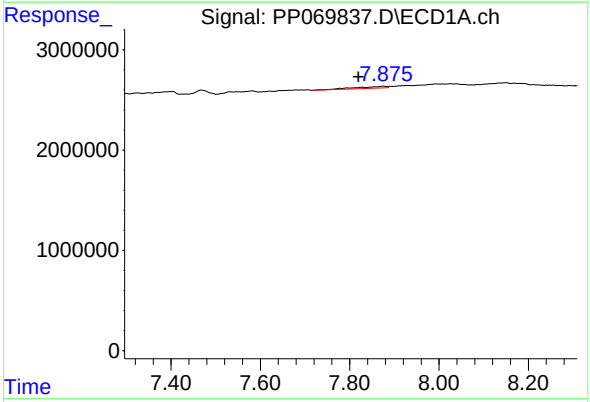
R.T.: 7.404 min
Delta R.T.: 0.002 min
Response: 432113
Conc: 6.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL



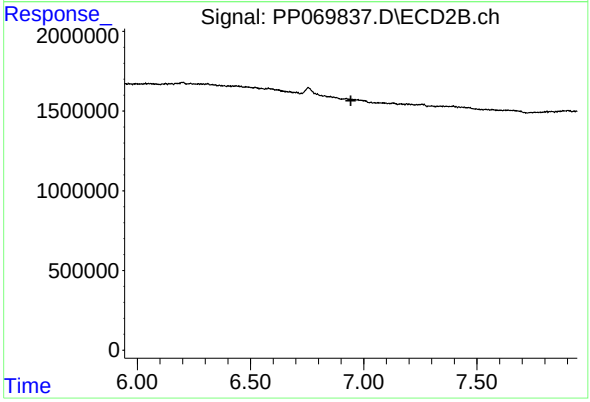
#29 AR-1254-4

R.T.: 6.579 min
Delta R.T.: 0.055 min
Response: 167334
Conc: 3.27 ng/ml



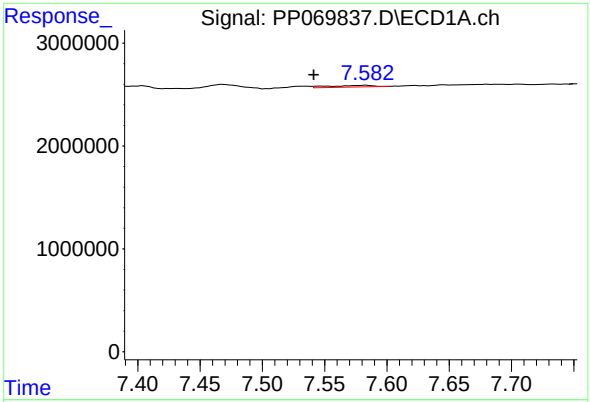
#30 AR-1254-5

R.T.: 7.877 min
Delta R.T.: 0.057 min
Response: 828134
Conc: 12.17 ng/ml



#30 AR-1254-5

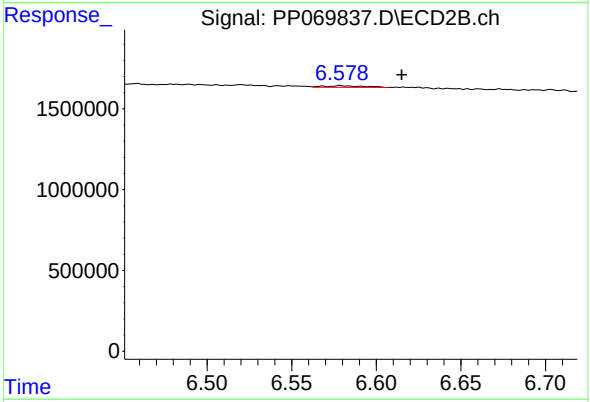
R.T.: 0.000 min
Exp R.T. : 6.943 min
Response: 0
Conc: N.D.



#32 AR-1260-2

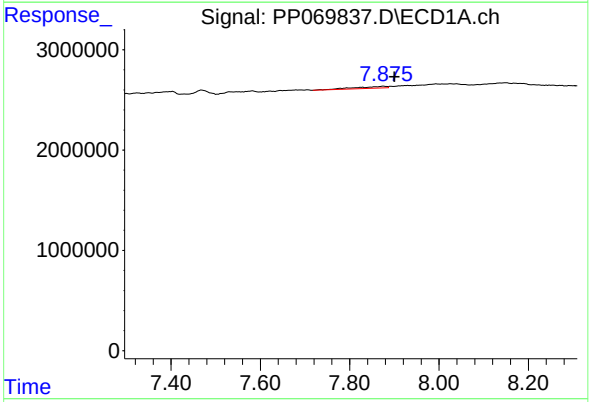
R.T.: 7.583 min
Delta R.T.: 0.042 min
Response: 397347
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL



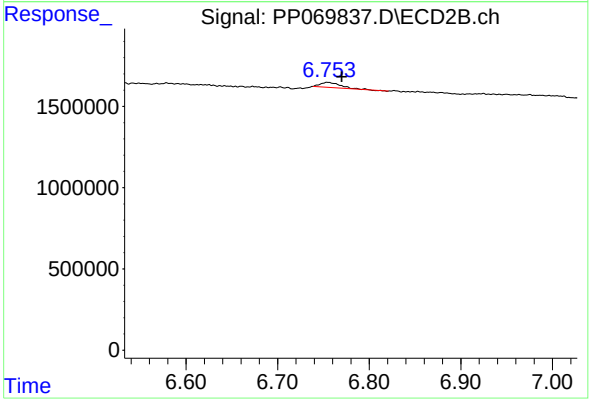
#32 AR-1260-2

R.T.: 6.579 min
Delta R.T.: -0.036 min
Response: 167334
Conc: 2.73 ng/ml



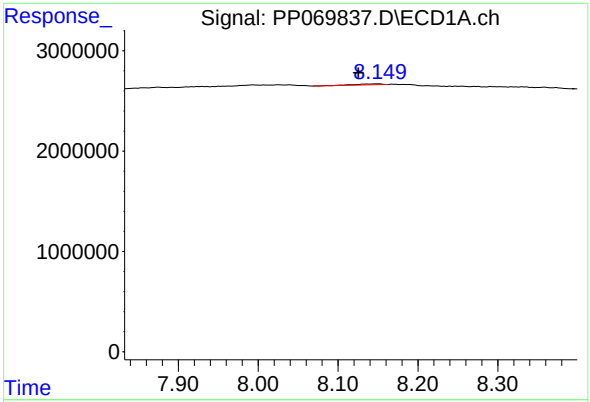
#33 AR-1260-3

R.T.: 7.877 min
Delta R.T.: -0.024 min
Response: 828134
Conc: 13.25 ng/ml



#33 AR-1260-3

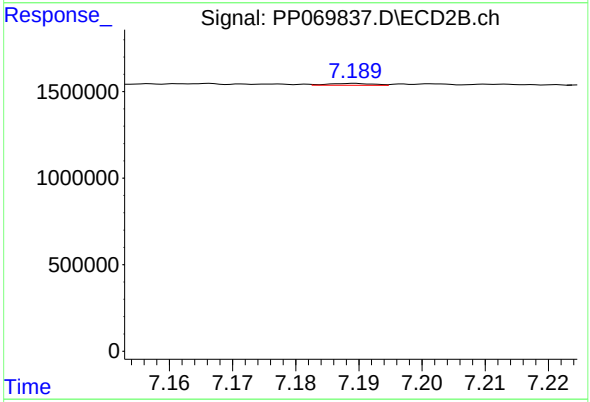
R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 444816
Conc: 7.39 ng/ml



#34 AR-1260-4

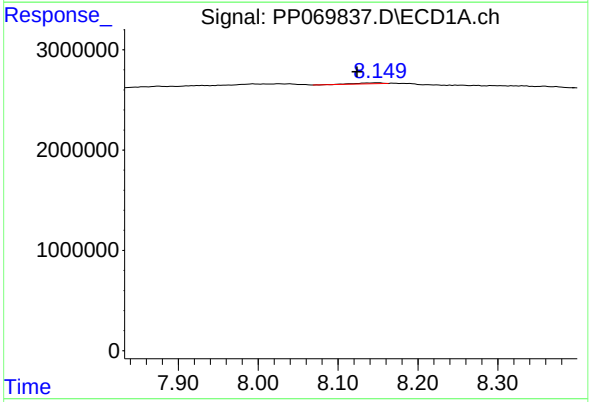
R.T.: 8.151 min
Delta R.T.: 0.025 min
Response: 210887
Conc: 3.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BL



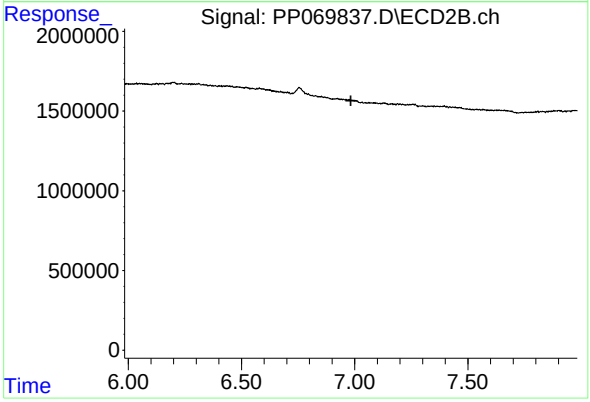
#34 AR-1260-4

R.T.: 7.189 min
Delta R.T.: -0.053 min
Response: 53020
Conc: 1.14 ng/ml



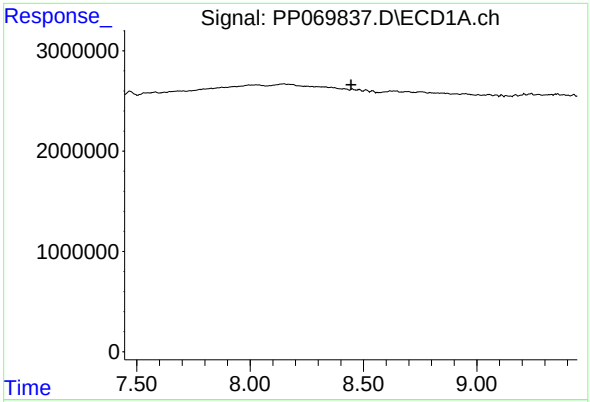
#36 AR-1262-1

R.T.: 8.151 min
Delta R.T.: 0.027 min
Response: 210887
Conc: 2.67 ng/ml



#36 AR-1262-1

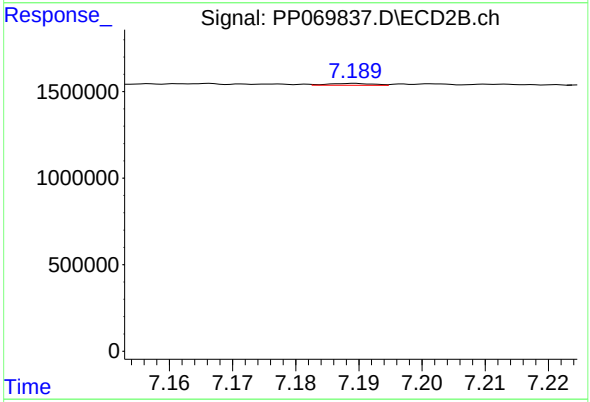
R.T.: 0.000 min
Exp R.T. : 6.983 min
Response: 0
Conc: N.D.



#37 AR-1262-2

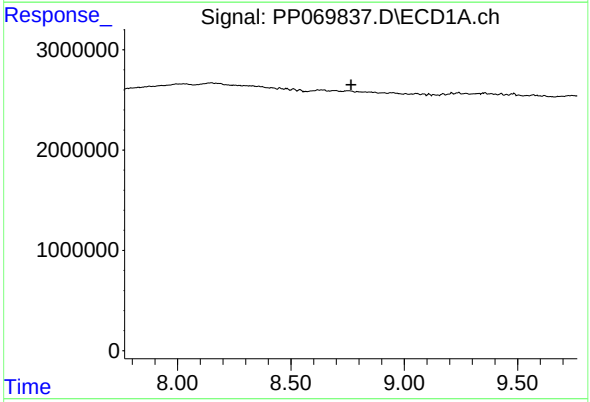
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



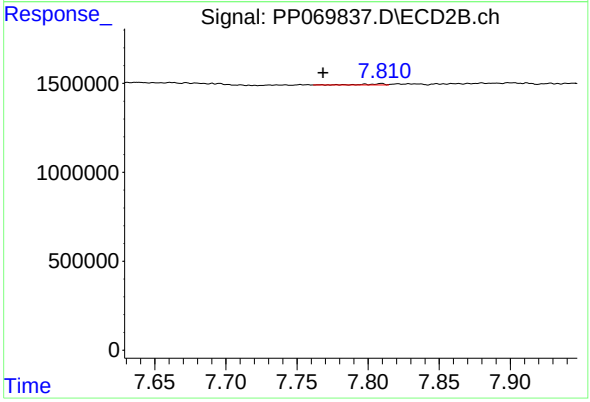
#37 AR-1262-2

R.T.: 7.189 min
Delta R.T.: -0.054 min
Response: 53020
Conc: 0.87 ng/ml



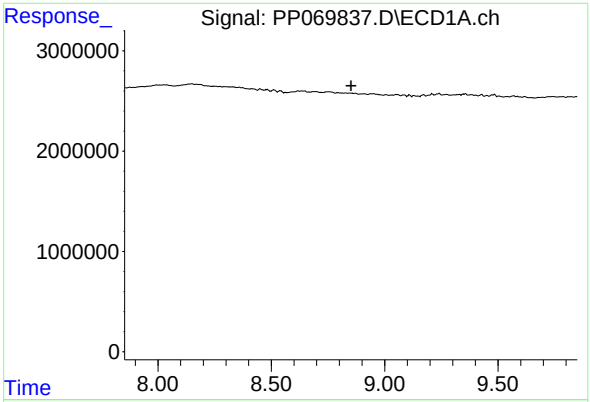
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

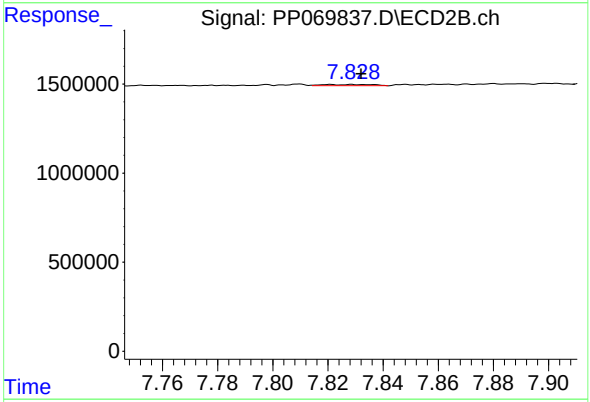
R.T.: 7.809 min
Delta R.T.: 0.041 min
Response: 66663
Conc: 1.27 ng/ml



#39 AR-1262-4

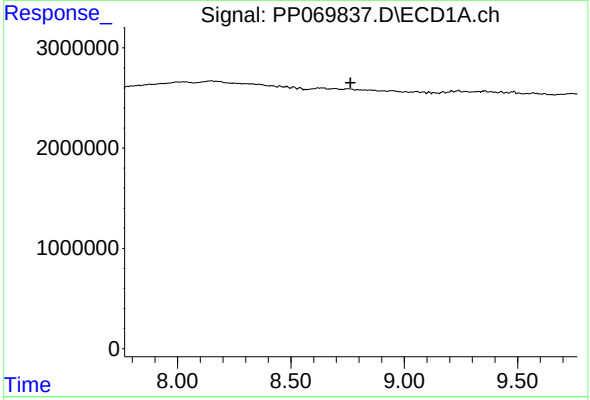
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



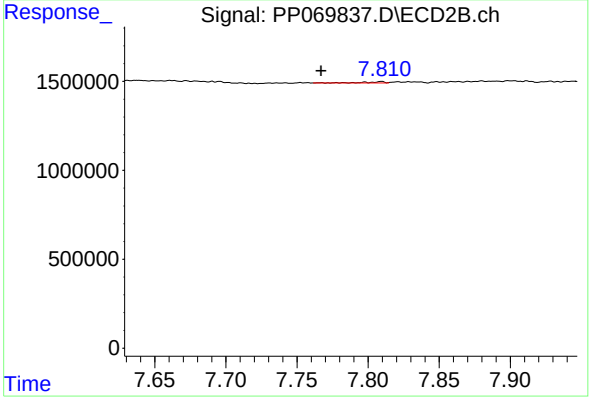
#39 AR-1262-4

R.T.: 7.821 min
Delta R.T.: -0.011 min
Response: 76896
Conc: 0.83 ng/ml



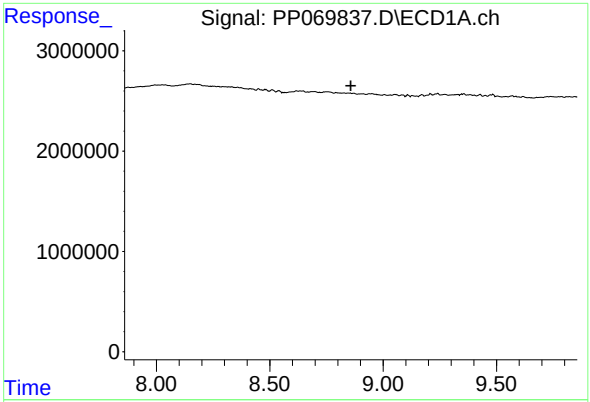
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

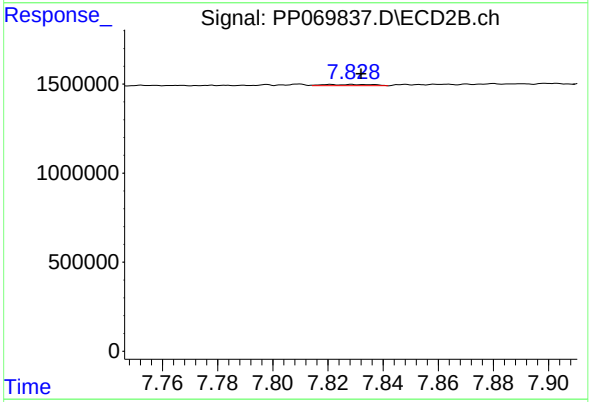
R.T.: 7.809 min
Delta R.T.: 0.042 min
Response: 66663
Conc: 0.46 ng/ml



#42 AR-1268-2

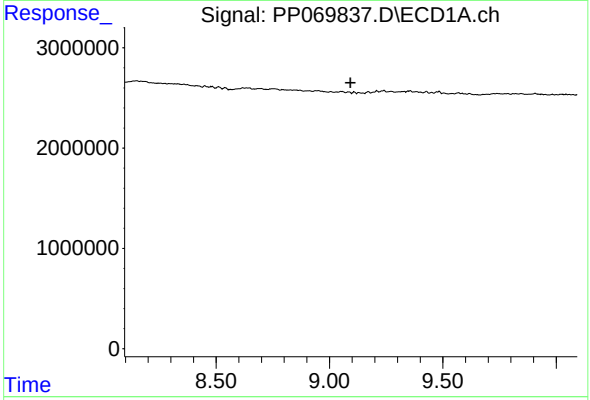
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



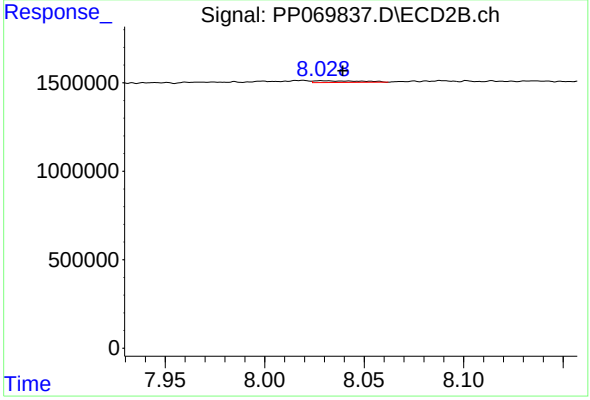
#42 AR-1268-2

R.T.: 7.821 min
Delta R.T.: -0.011 min
Response: 76896
Conc: 0.58 ng/ml



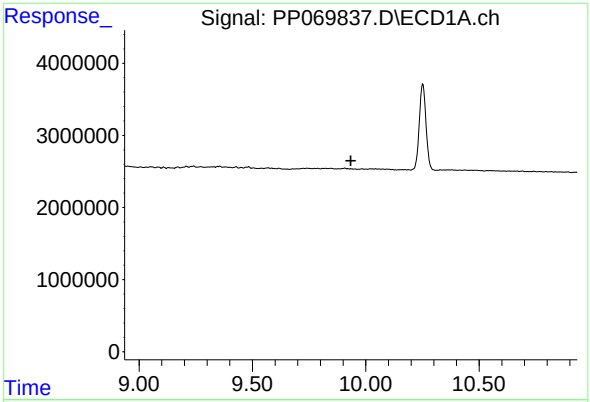
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

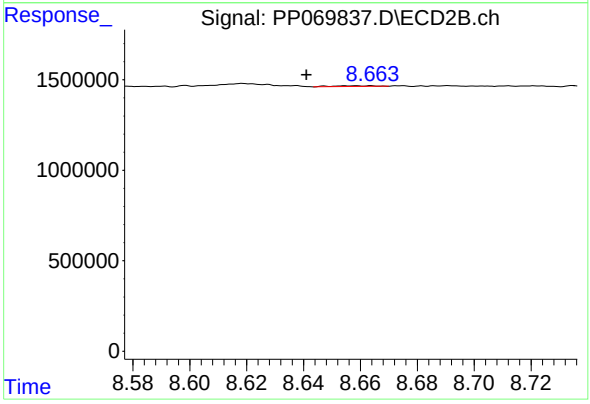
R.T.: 8.028 min
Delta R.T.: -0.011 min
Response: 161132
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166770BL



#45 AR-1268-5

R.T.: 8.664 min
Delta R.T.: 0.022 min
Response: 40111
Conc: 0.11 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:16
Operator : YP\AJ
Sample : PB166770BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166770BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:20:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.830	35033150	21040456	24.473	23.574	
2)	SA Decachlor...	10.251	8.888	25677157	27509576	23.495	24.595	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.939	33255755	20501358	717.755	628.586	
4)	L1 AR-1016-2	5.699	4.939	33255755	20501358	489.940	456.007	
5)	L1 AR-1016-3	5.762	5.117	19910462	11676039	467.419	469.219	
6)	L1 AR-1016-4	5.859	5.158	16712193	9177377	477.485	454.409	
7)	L1 AR-1016-5	6.152	5.374	13260986	11875917	401.136	442.736	
8)	L2 AR-1221-1	4.722	4.041	2169047	1656451	114.043	134.474	
9)	L2 AR-1221-2	4.811	4.128	2833821	2081285	206.962	214.934	
10)	L2 AR-1221-3	4.887	4.205	11795862	8386618	281.233	287.468	
11)	L3 AR-1232-1	4.887	4.205	11795862	8386618	354.298	357.189	
12)	L3 AR-1232-2	5.412	4.939	15633306	20501358	956.633	869.742	
13)	L3 AR-1232-3	5.699	5.117	33255755	11676039	967.891	901.817	
14)	L3 AR-1232-4	5.859	5.201	16712193	11176161	938.034	1008.105	
15)	L3 AR-1232-5	5.949	5.374	13783245	11875917	1202.473	972.613	
16)	L4 AR-1242-1	5.699	4.939	33255755	20501358	797.399	711.062	
17)	L4 AR-1242-2	5.699	4.939	33255755	20501358	563.743	520.369	
18)	L4 AR-1242-3	5.762	5.117	19910462	11676039	536.690	518.841	
19)	L4 AR-1242-4	5.859	5.201	16712193	11176161	509.601	517.841	
20)	L4 AR-1242-5	6.590	5.728	2943556	9879010	90.337	343.398	#
21)	L5 AR-1248-1	5.699	4.939	33255755	20501358	1025.176	931.433	
22)	L5 AR-1248-2	5.949	5.158	13783245	9177377	324.721	305.255	
23)	L5 AR-1248-3	6.152	5.201	13260986	11176161	282.226	360.704	#
24)	L5 AR-1248-4	6.590	5.374	2943556	11875917	53.401	321.460	#
25)	L5 AR-1248-5	6.590	5.767	2943556	1728618	55.140	46.233	
26)	L6 AR-1254-1	6.527	5.728	14284496	9879010	246.864	179.436	#
27)	L6 AR-1254-2	6.743	5.876	13058239	10136039	162.736	209.557	#
28)	L6 AR-1254-3	7.106	6.296	6437727	23032979	76.377	303.480	#
29)	L6 AR-1254-4	7.390	6.509	4566074	2538841	66.963	49.539	#
30)	L6 AR-1254-5	7.805	6.927	44916816	33565950	660.093	504.293	
31)	L7 AR-1260-1	7.271	6.412	26786127	24552088	458.382	509.068	
32)	L7 AR-1260-2	7.525	6.599	34803565	31574098	447.272	515.044	
33)	L7 AR-1260-3	7.884	6.753	24948350	18371487	399.051	305.395	
34)	L7 AR-1260-4	8.108	7.226	33520586	20621812	508.067	443.788	
35)	L7 AR-1260-5	8.429	7.467	53272391	51483230	406.890	463.207	
36)	L8 AR-1262-1	8.108	6.966	33520586	23758654	424.213	334.567	
37)	L8 AR-1262-2	8.429	7.226	53272391	20621812	348.360	338.176	
38)	L8 AR-1262-3	8.754	7.750	33054499	10640457	311.014	203.454	#
39)	L8 AR-1262-4	8.828	7.813	18337647	34799486	224.196	376.469	#
40)	L8 AR-1262-5	9.490	8.317	12713373	12413122	224.577	259.731	
41)	L9 AR-1268-1	8.754	7.750	33054499	10640457	187.194	73.321	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:16
Operator : YP\AJ
Sample : PB166770BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166770BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:20:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.828	7.813	18337647	34799486	116.525	262.014 #
43) L9	AR-1268-3	9.070	8.022	1093738	922787	8.179	8.113
44) L9	AR-1268-4	9.490	8.317	12713373	12413122	216.506	238.356
45) L9	AR-1268-5	9.907	8.621	4228532	3923959	11.102	11.017

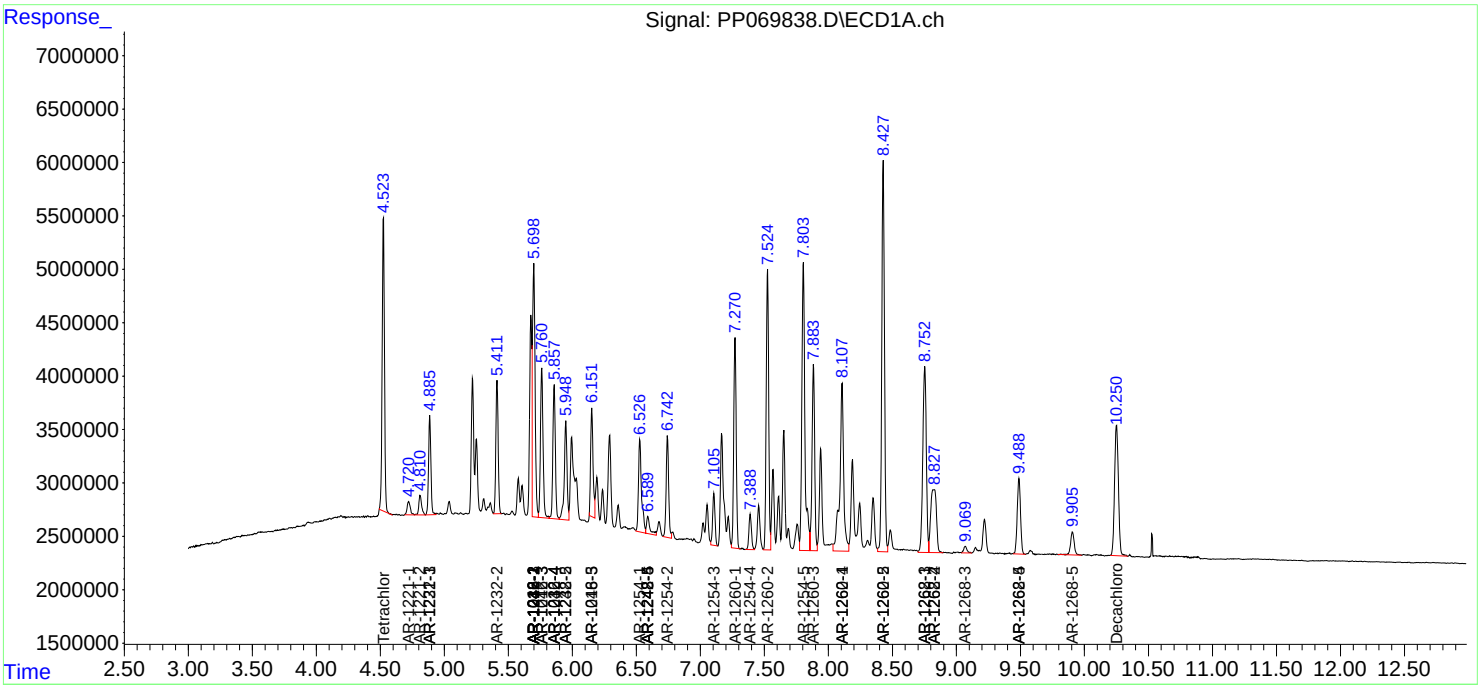
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

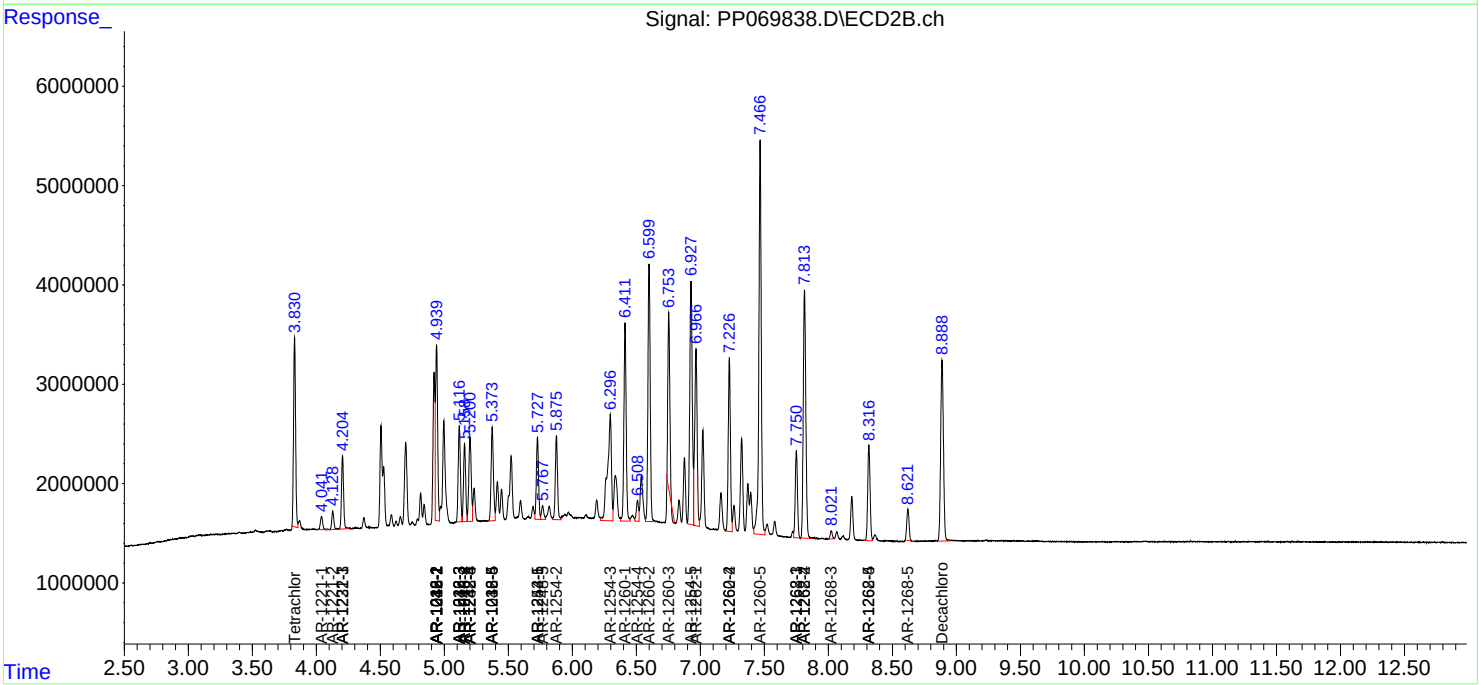
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:16
Operator : YP\AJ
Sample : PB166770BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

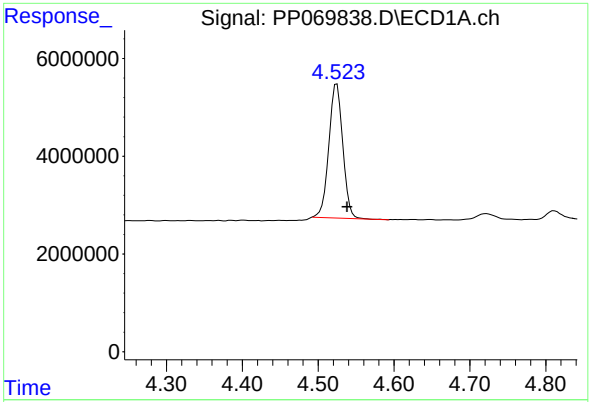
Instrument :
ECD_P
ClientSampleId :
PB166770BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:20:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



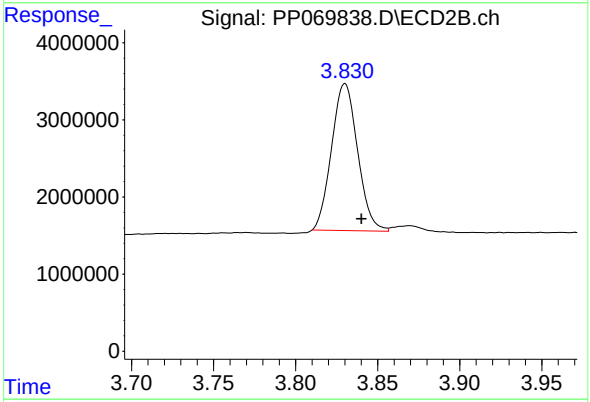




#1 Tetrachloro-m-xylene

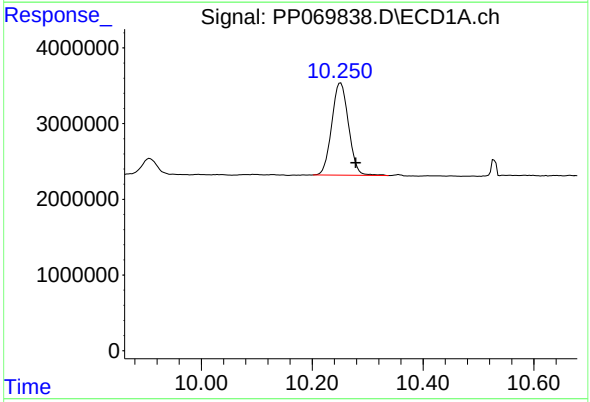
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 35033150
Conc: 24.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



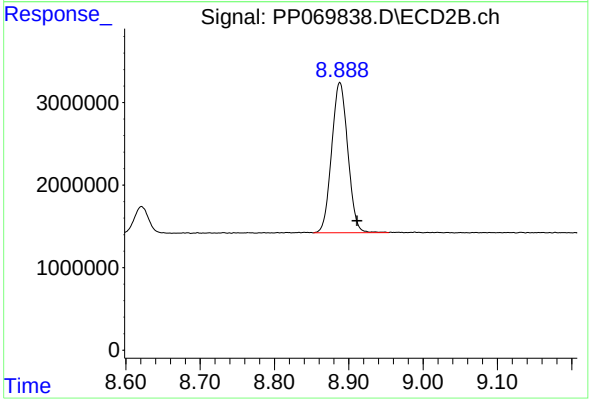
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21040456
Conc: 23.57 ng/ml



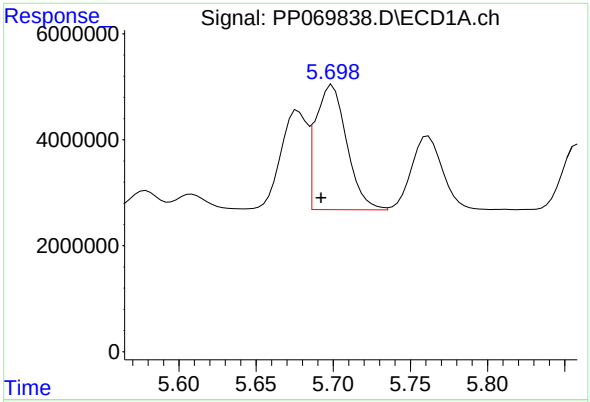
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 25677157
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

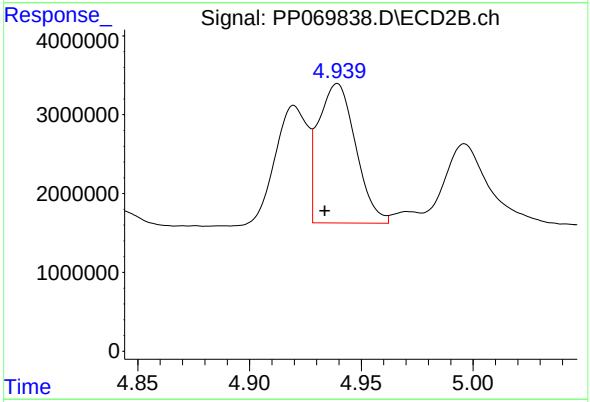
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 27509576
Conc: 24.60 ng/ml



#3 AR-1016-1

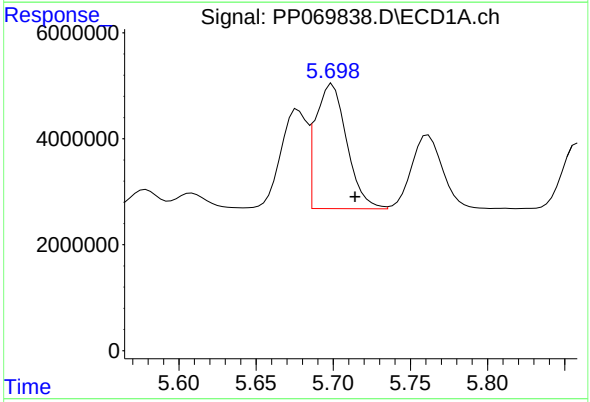
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 33255755
Conc: 717.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



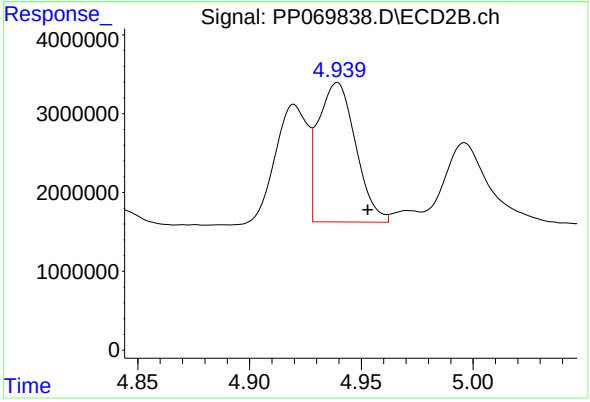
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20501358
Conc: 628.59 ng/ml



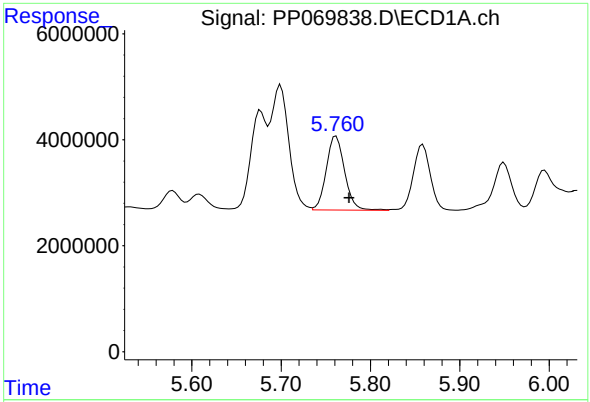
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 33255755
Conc: 489.94 ng/ml



#4 AR-1016-2

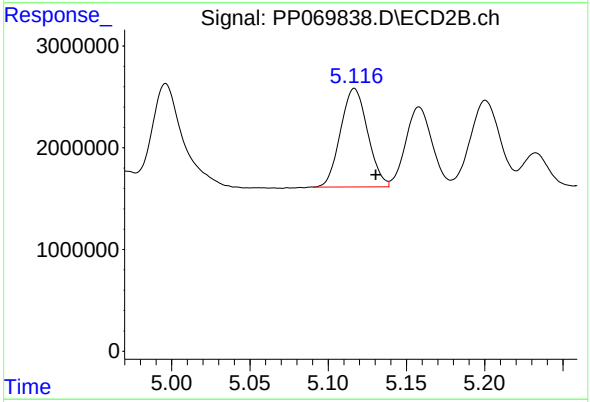
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20501358
Conc: 456.01 ng/ml



#5 AR-1016-3

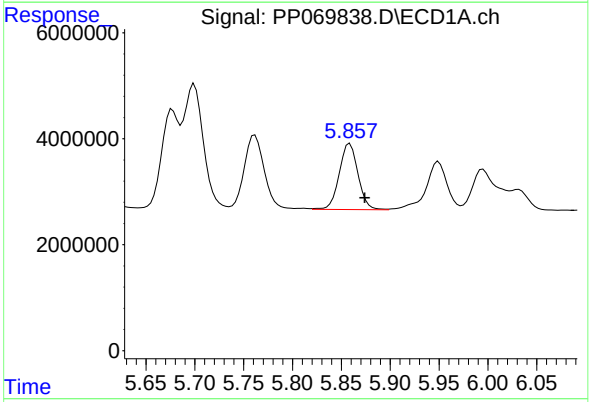
R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 19910462
Conc: 467.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



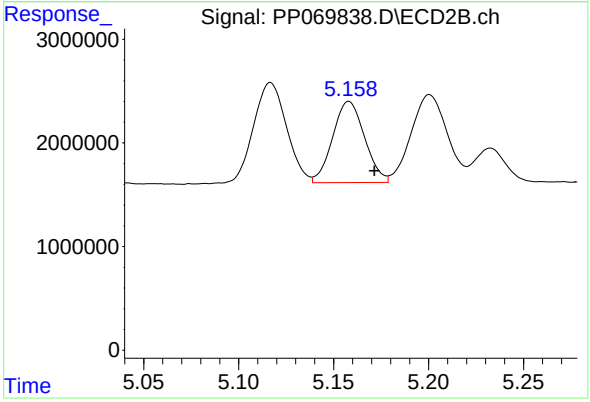
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 11676039
Conc: 469.22 ng/ml



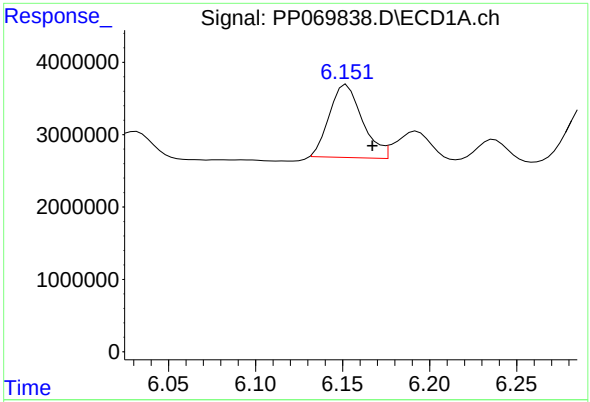
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 16712193
Conc: 477.48 ng/ml



#6 AR-1016-4

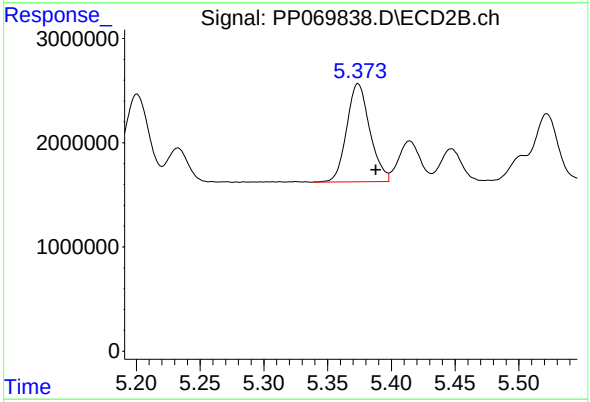
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9177377
Conc: 454.41 ng/ml



#7 AR-1016-5

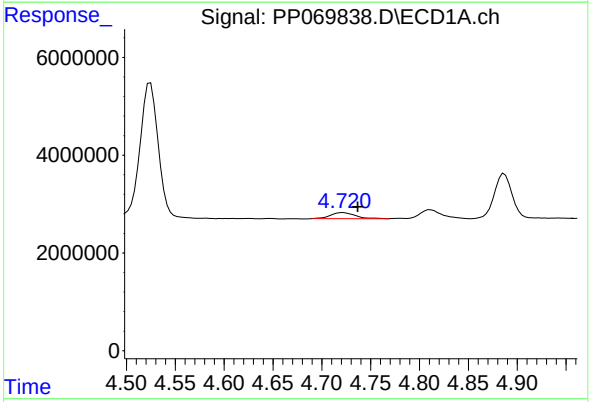
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 13260986
Conc: 401.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



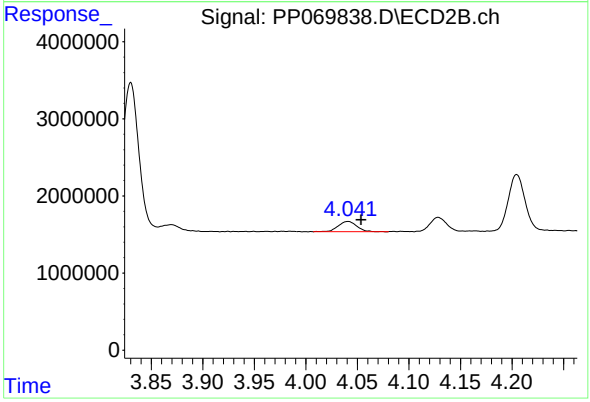
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11875917
Conc: 442.74 ng/ml



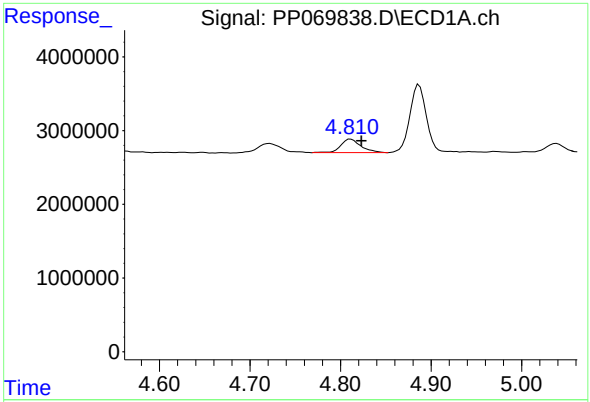
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 2169047
Conc: 114.04 ng/ml



#8 AR-1221-1

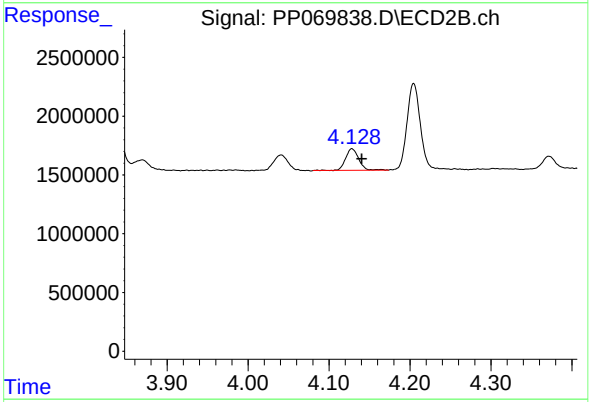
R.T.: 4.041 min
Delta R.T.: -0.013 min
Response: 1656451
Conc: 134.47 ng/ml



#9 AR-1221-2

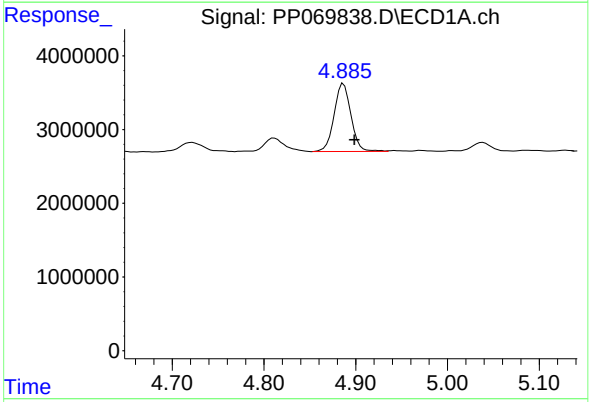
R.T.: 4.811 min
Delta R.T.: -0.012 min
Response: 2833821
Conc: 206.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



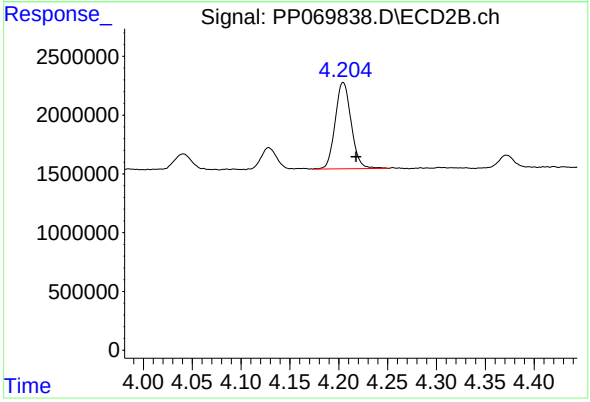
#9 AR-1221-2

R.T.: 4.128 min
Delta R.T.: -0.012 min
Response: 2081285
Conc: 214.93 ng/ml



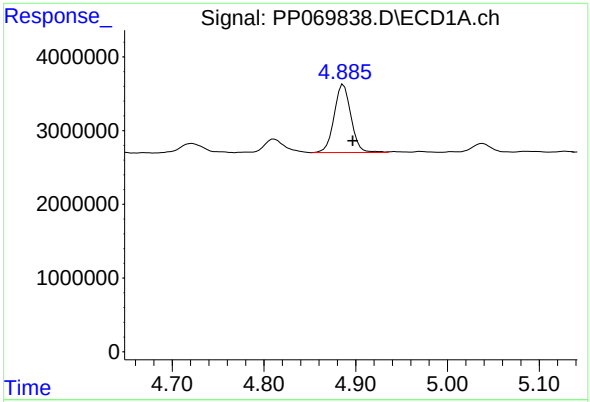
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.012 min
Response: 11795862
Conc: 281.23 ng/ml



#10 AR-1221-3

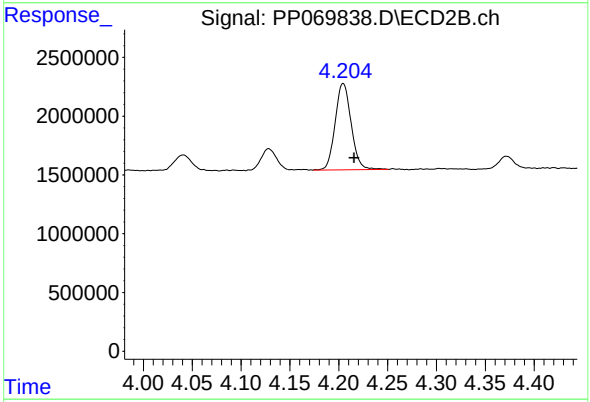
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 8386618
Conc: 287.47 ng/ml



#11 AR-1232-1

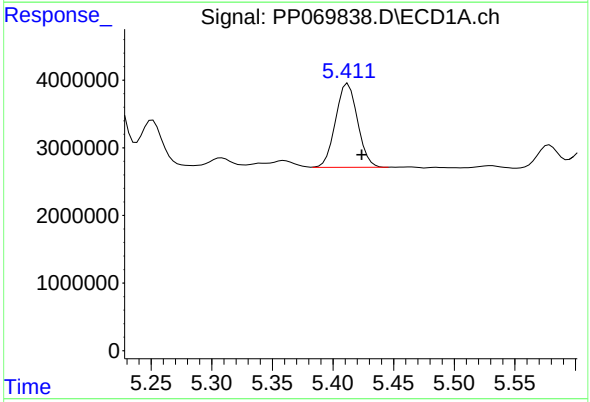
R.T.: 4.887 min
Delta R.T.: -0.010 min
Response: 11795862
Conc: 354.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



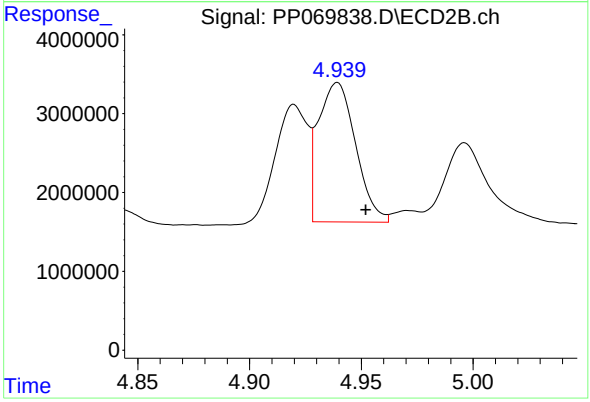
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.011 min
Response: 8386618
Conc: 357.19 ng/ml



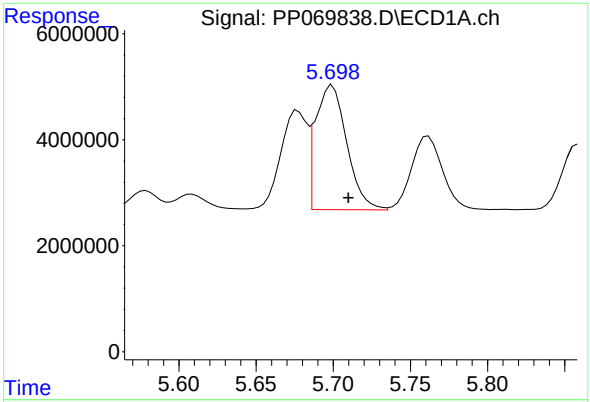
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: -0.011 min
Response: 15633306
Conc: 956.63 ng/ml



#12 AR-1232-2

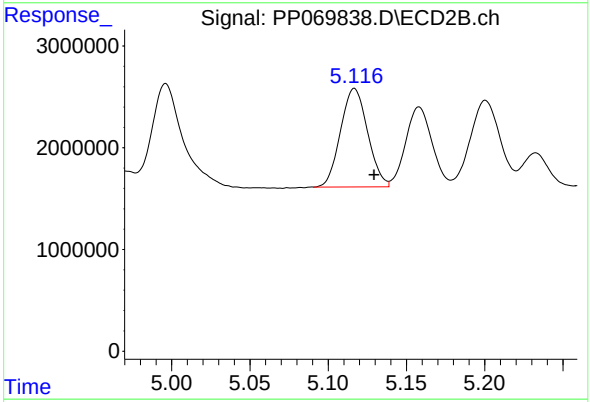
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20501358
Conc: 869.74 ng/ml



#13 AR-1232-3

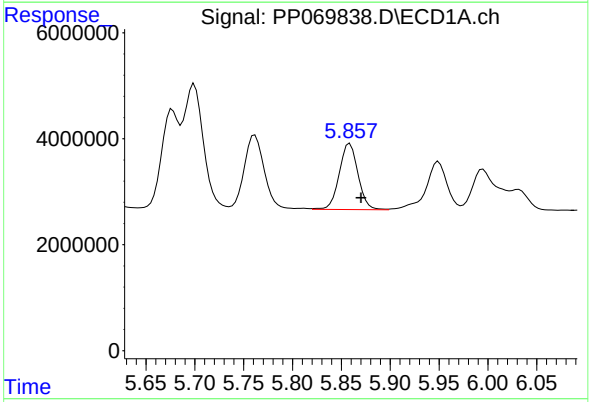
R.T.: 5.699 min
Delta R.T.: -0.010 min
Response: 33255755
Conc: 967.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



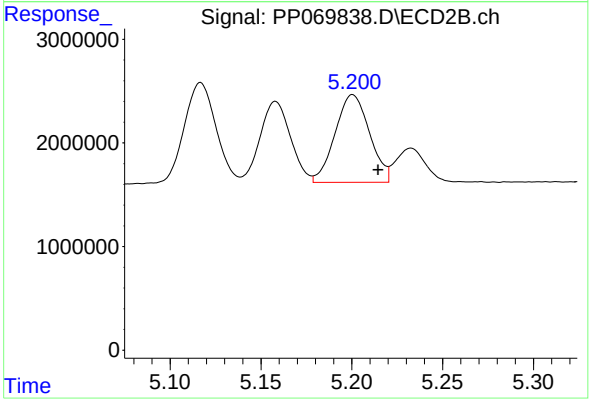
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11676039
Conc: 901.82 ng/ml



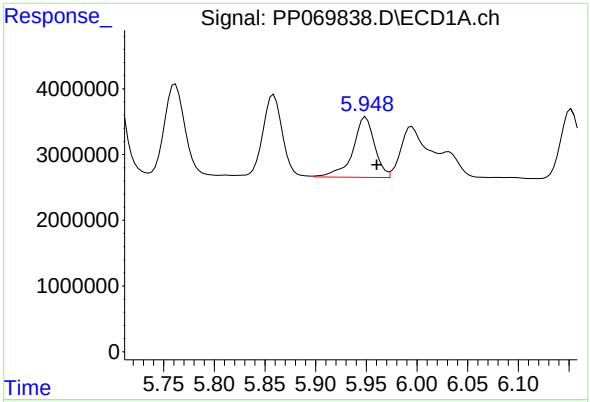
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.011 min
Response: 16712193
Conc: 938.03 ng/ml



#14 AR-1232-4

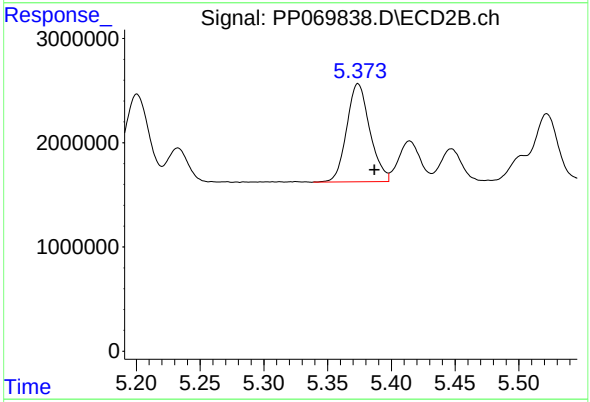
R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11176161
Conc: 1008.10 ng/ml



#15 AR-1232-5

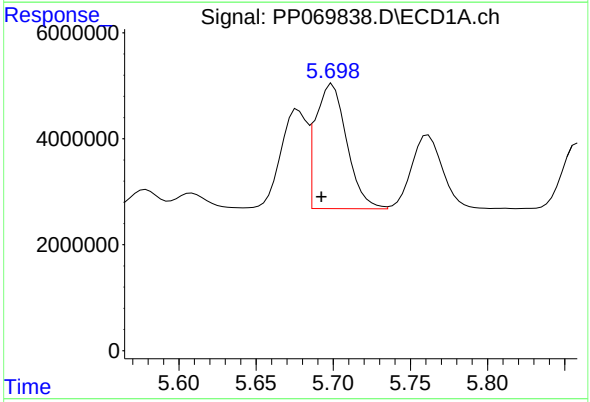
R.T.: 5.949 min
Delta R.T.: -0.011 min
Response: 13783245
Conc: 1202.47 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166770BS



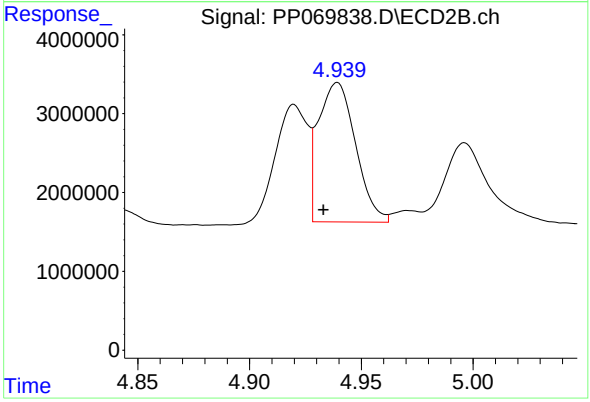
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 11875917
Conc: 972.61 ng/ml



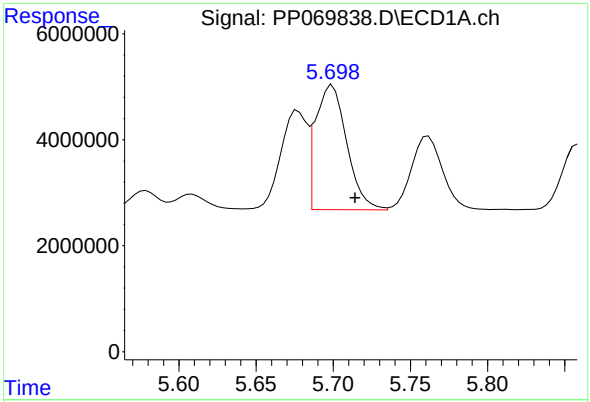
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 33255755
Conc: 797.40 ng/ml



#16 AR-1242-1

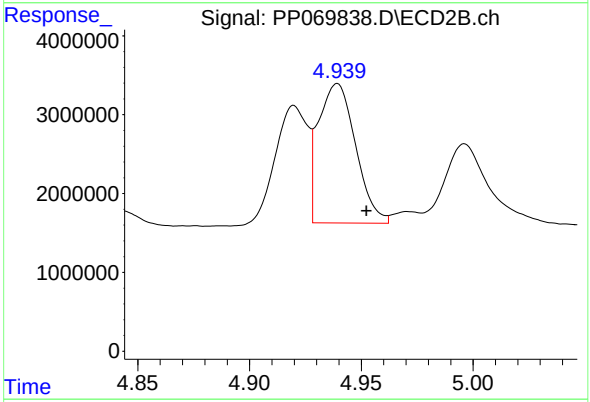
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20501358
Conc: 711.06 ng/ml



#17 AR-1242-2

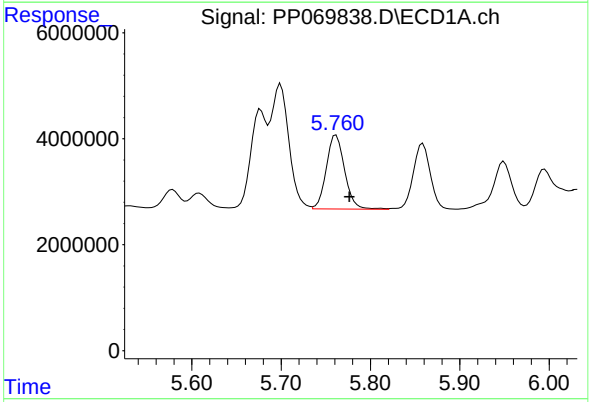
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 33255755
Conc: 563.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



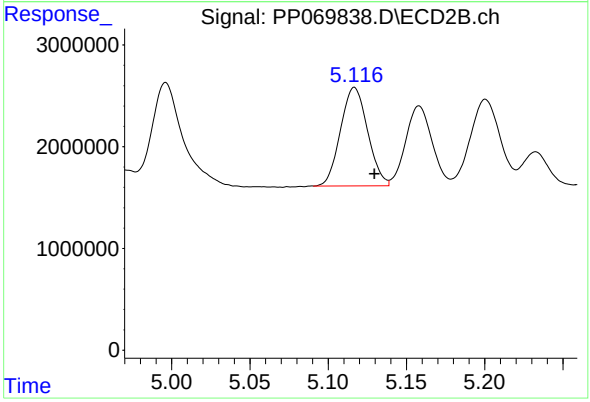
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20501358
Conc: 520.37 ng/ml



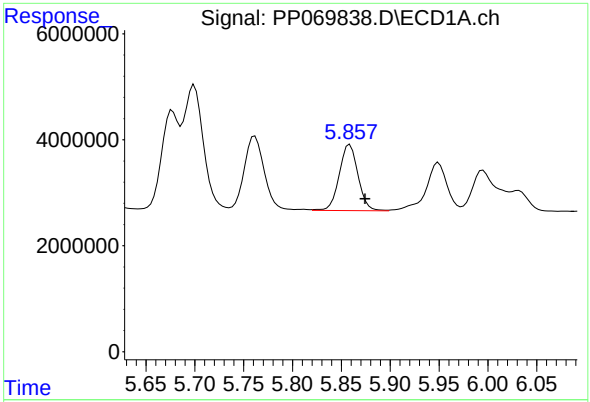
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.015 min
Response: 19910462
Conc: 536.69 ng/ml



#18 AR-1242-3

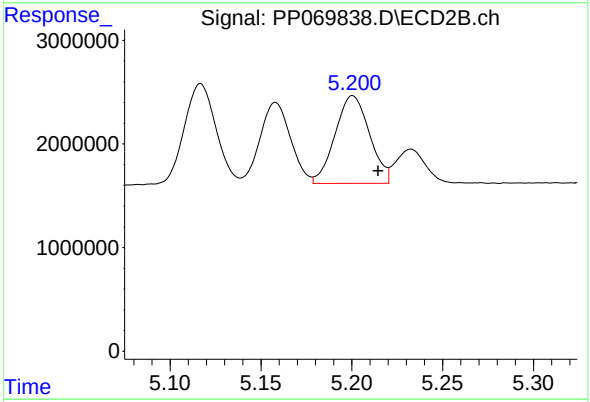
R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11676039
Conc: 518.84 ng/ml



#19 AR-1242-4

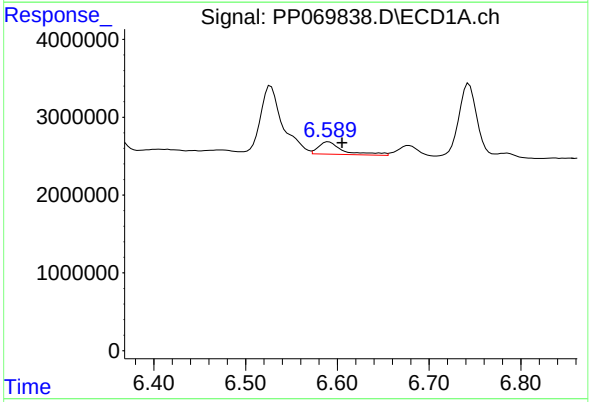
R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 16712193
Conc: 509.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



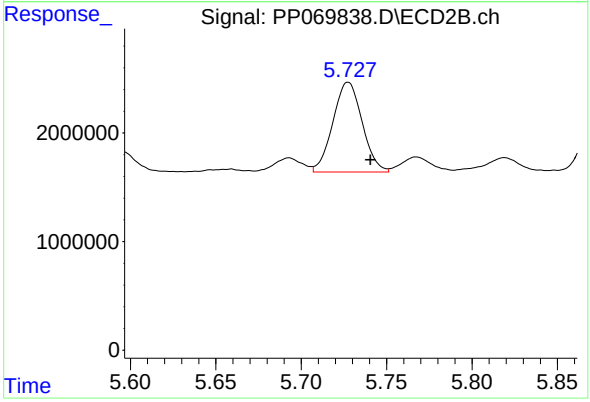
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11176161
Conc: 517.84 ng/ml



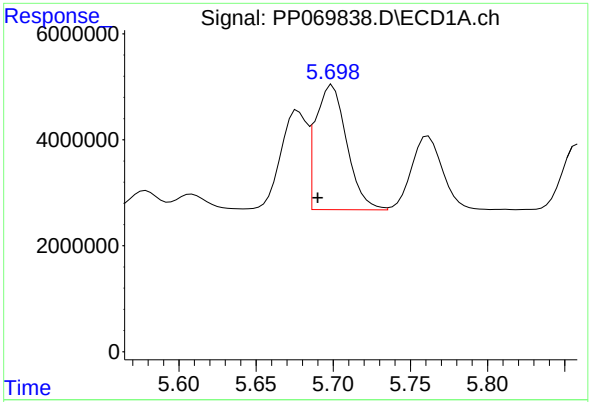
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.014 min
Response: 2943556
Conc: 90.34 ng/ml



#20 AR-1242-5

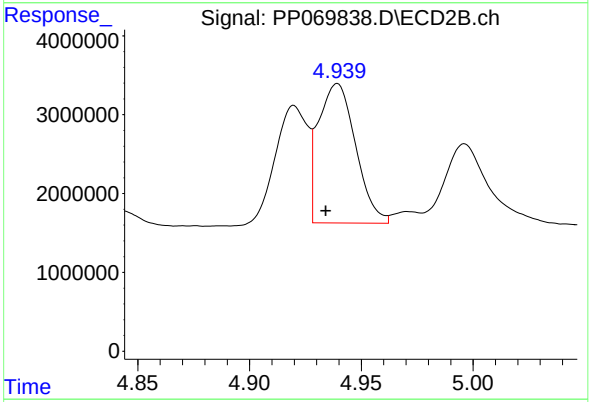
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 9879010
Conc: 343.40 ng/ml



#21 AR-1248-1

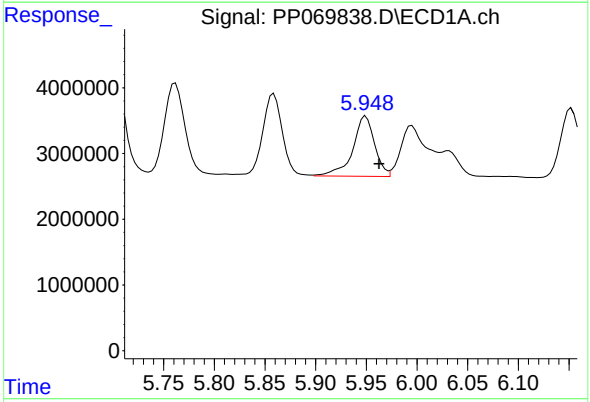
R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 33255755
Conc: 1025.18 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166770BS



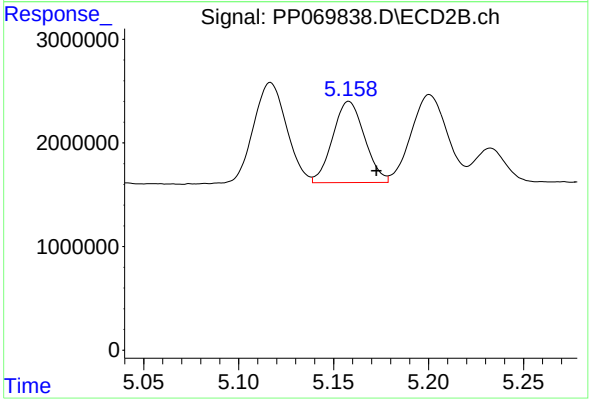
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20501358
Conc: 931.43 ng/ml



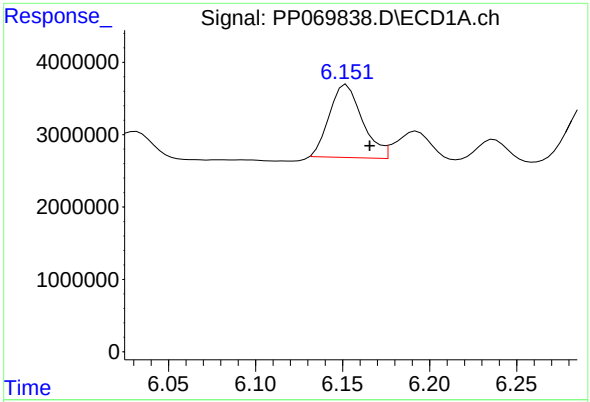
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.013 min
Response: 13783245
Conc: 324.72 ng/ml



#22 AR-1248-2

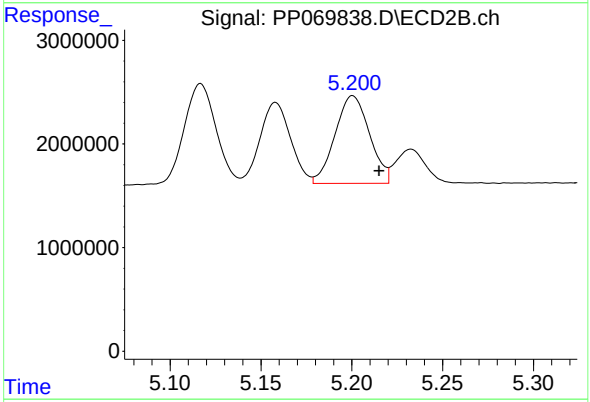
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9177377
Conc: 305.26 ng/ml



#23 AR-1248-3

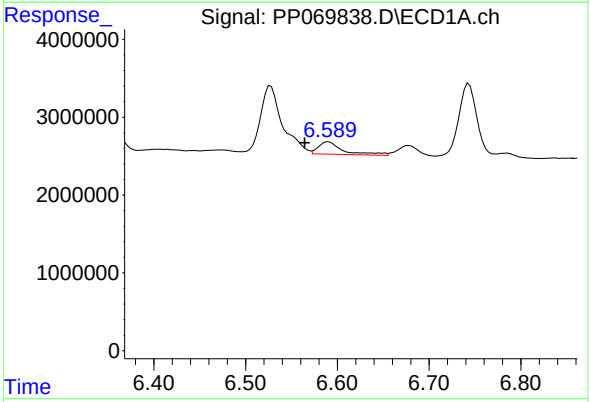
R.T.: 6.152 min
Delta R.T.: -0.013 min
Response: 13260986
Conc: 282.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



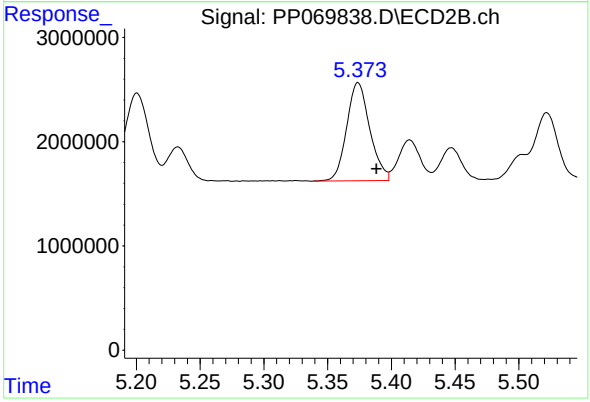
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.015 min
Response: 11176161
Conc: 360.70 ng/ml



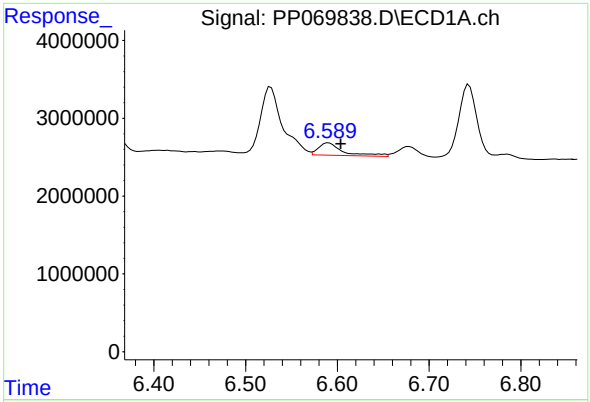
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: 0.026 min
Response: 2943556
Conc: 53.40 ng/ml



#24 AR-1248-4

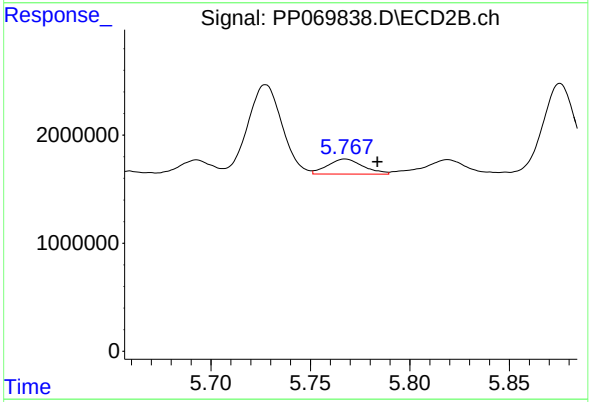
R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11875917
Conc: 321.46 ng/ml



#25 AR-1248-5

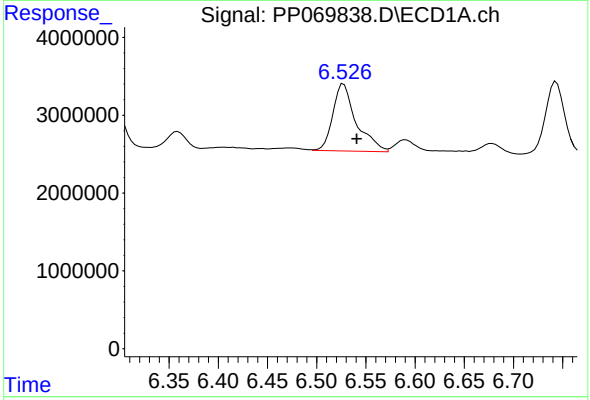
R.T.: 6.590 min
Delta R.T.: -0.013 min
Response: 2943556
Conc: 55.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



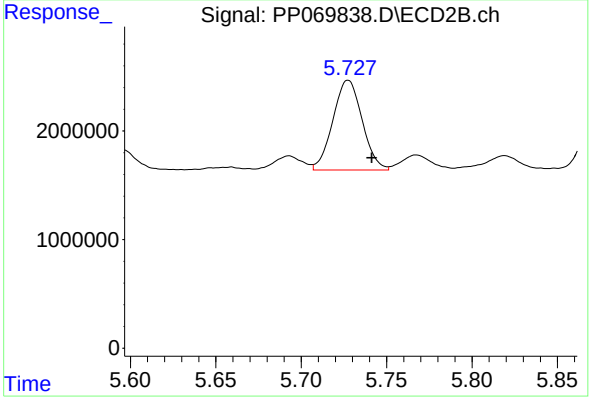
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.016 min
Response: 1728618
Conc: 46.23 ng/ml



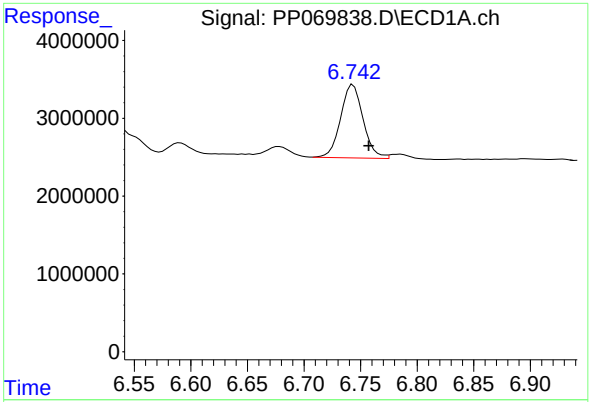
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.013 min
Response: 14284496
Conc: 246.86 ng/ml



#26 AR-1254-1

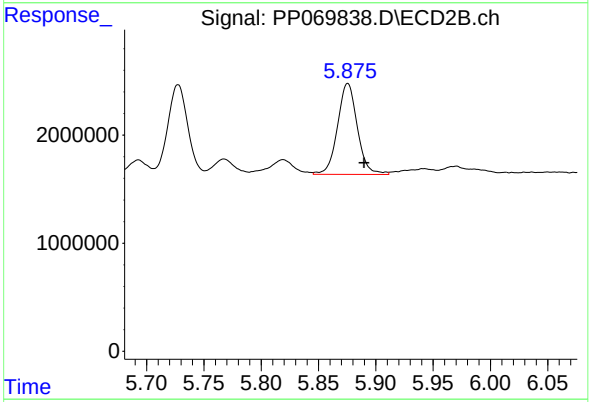
R.T.: 5.728 min
Delta R.T.: -0.014 min
Response: 9879010
Conc: 179.44 ng/ml



#27 AR-1254-2

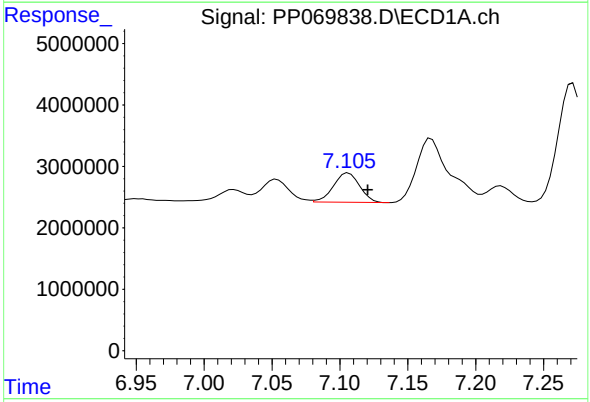
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 13058239
Conc: 162.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



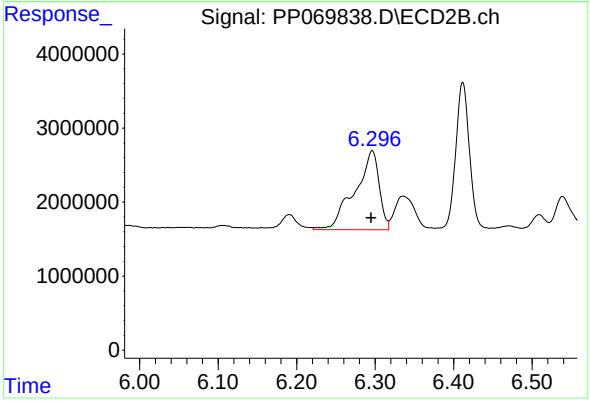
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 10136039
Conc: 209.56 ng/ml



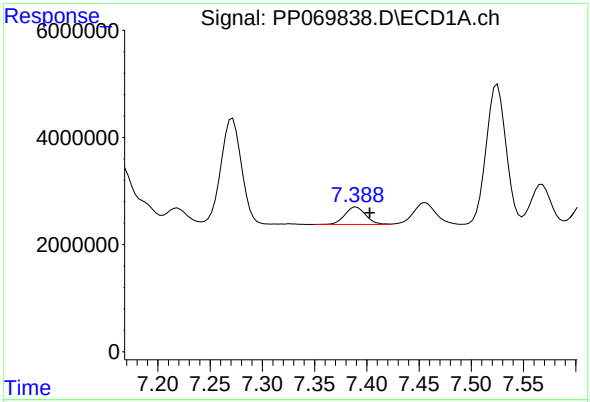
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 6437727
Conc: 76.38 ng/ml



#28 AR-1254-3

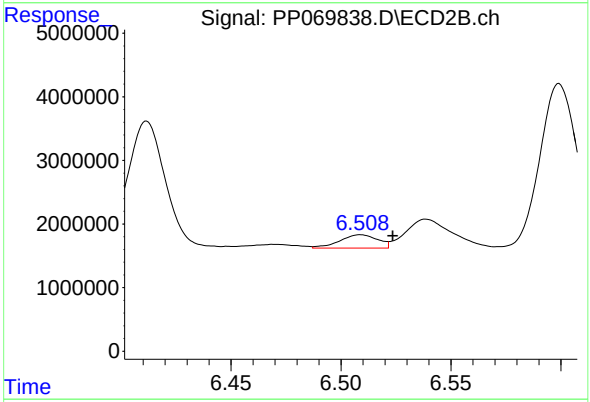
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 23032979
Conc: 303.48 ng/ml



#29 AR-1254-4

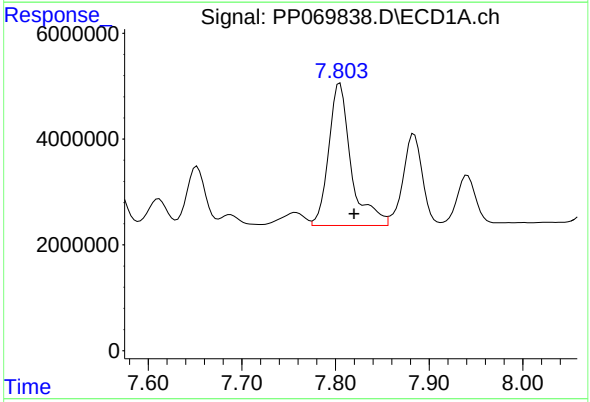
R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 4566074
Conc: 66.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



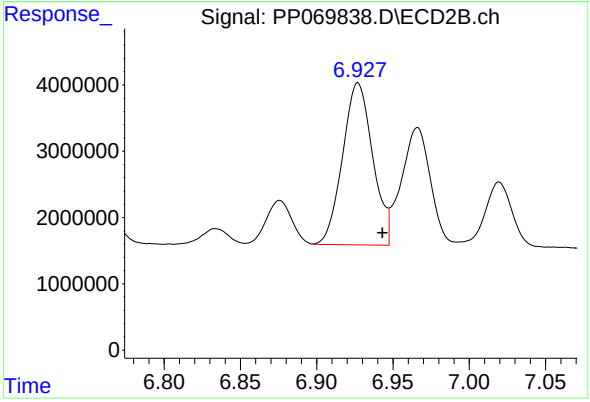
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 2538841
Conc: 49.54 ng/ml



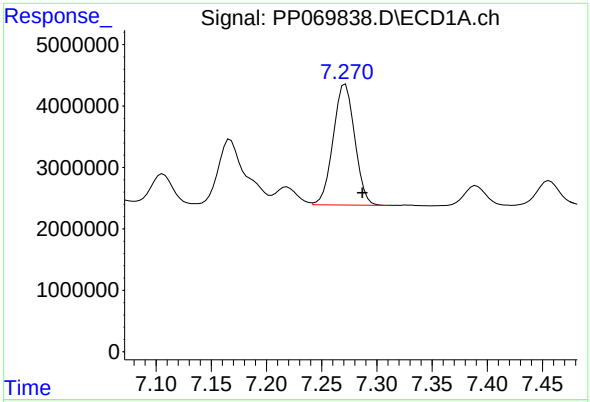
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 44916816
Conc: 660.09 ng/ml



#30 AR-1254-5

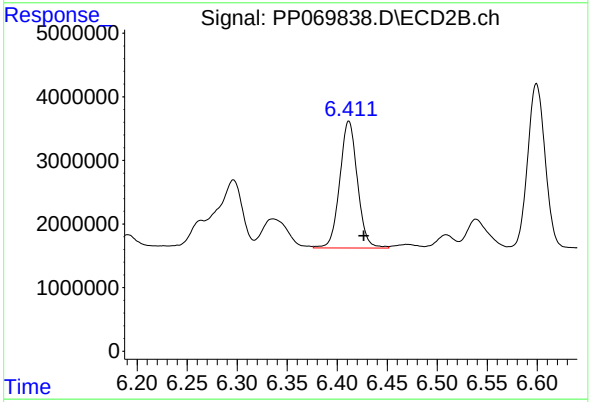
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 33565950
Conc: 504.29 ng/ml



#31 AR-1260-1

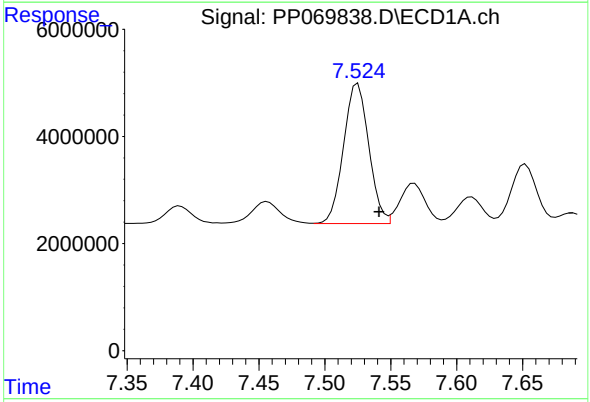
R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 26786127
Conc: 458.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



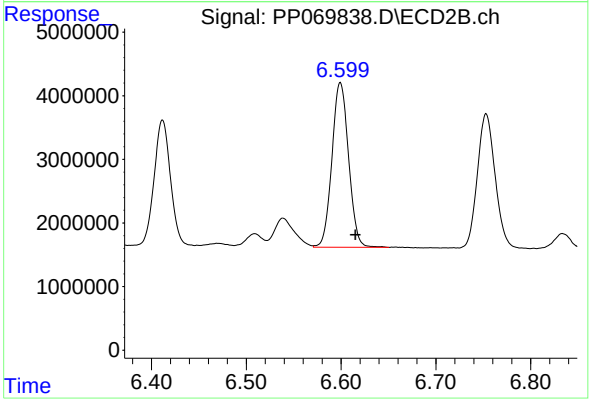
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 24552088
Conc: 509.07 ng/ml



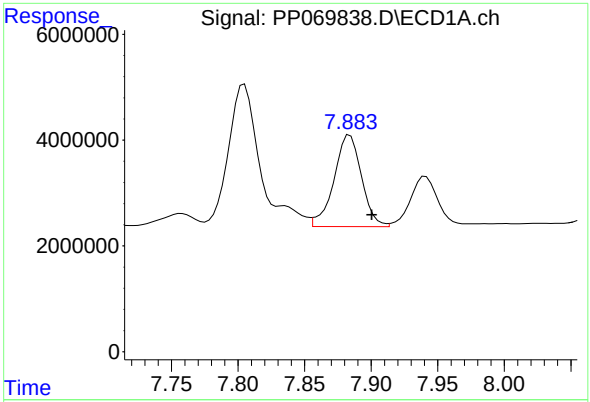
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 min
Response: 34803565
Conc: 447.27 ng/ml



#32 AR-1260-2

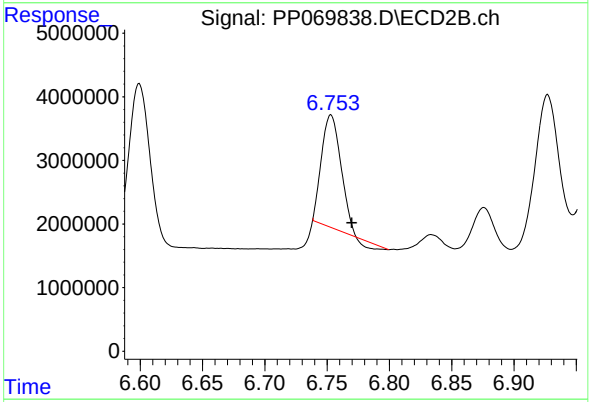
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 31574098
Conc: 515.04 ng/ml



#33 AR-1260-3

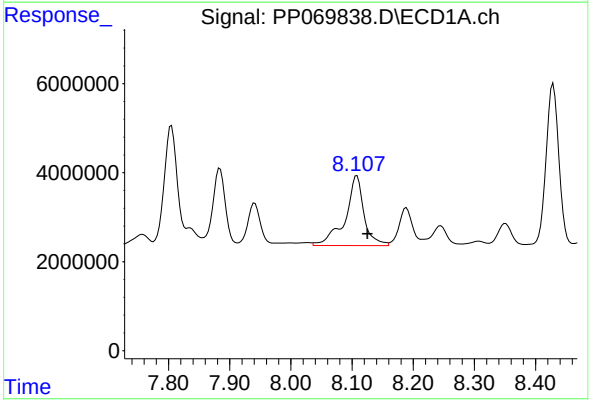
R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 24948350
Conc: 399.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



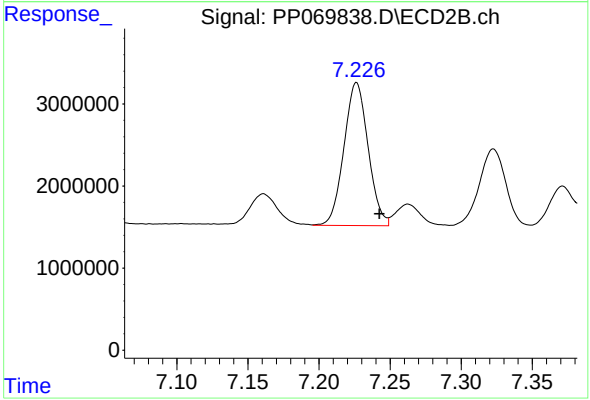
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 18371487
Conc: 305.40 ng/ml



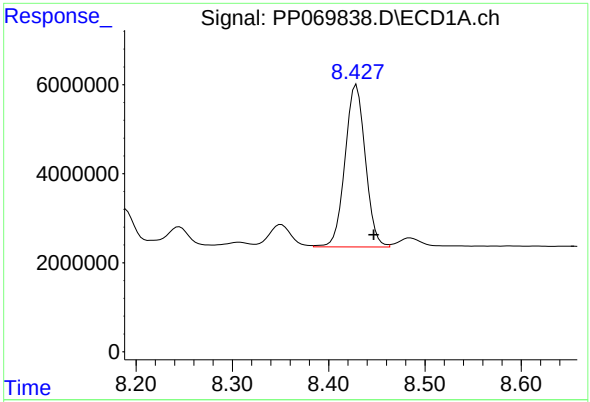
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 33520586
Conc: 508.07 ng/ml



#34 AR-1260-4

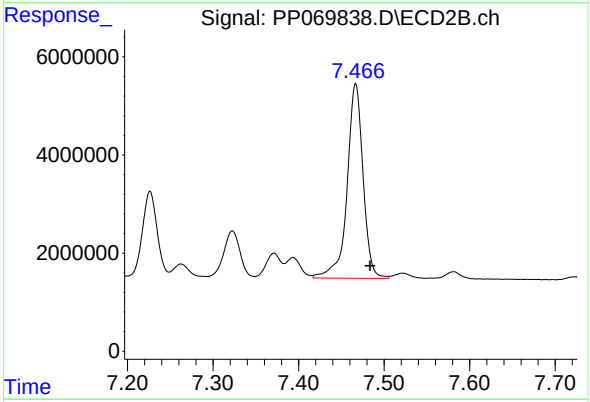
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 20621812
Conc: 443.79 ng/ml



#35 AR-1260-5

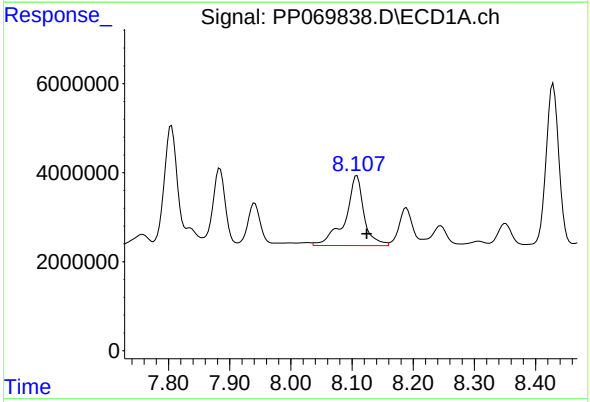
R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 53272391
Conc: 406.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



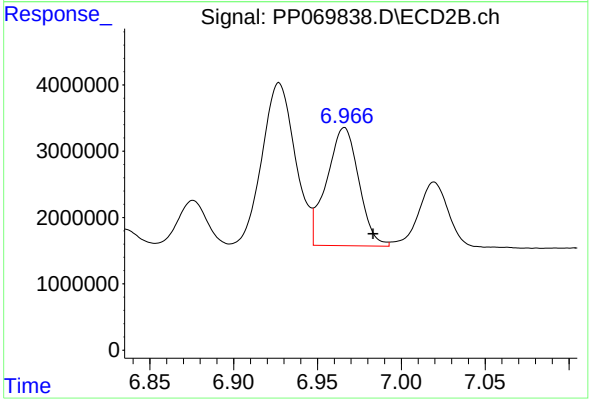
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.017 min
Response: 51483230
Conc: 463.21 ng/ml



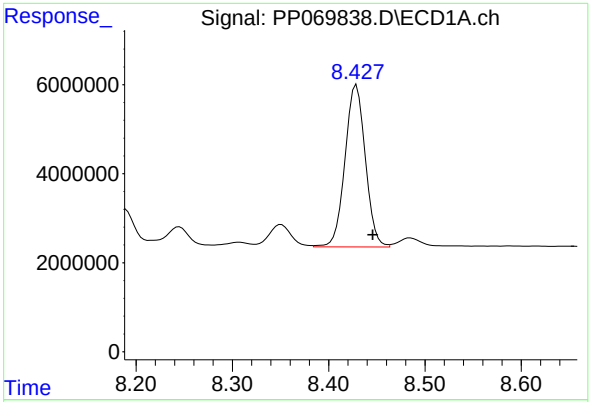
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.016 min
Response: 33520586
Conc: 424.21 ng/ml



#36 AR-1262-1

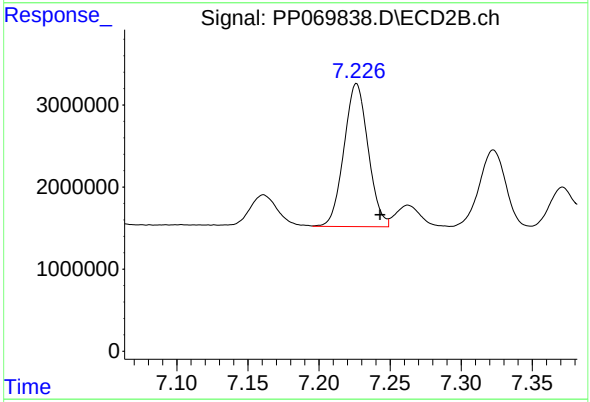
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 23758654
Conc: 334.57 ng/ml



#37 AR-1262-2

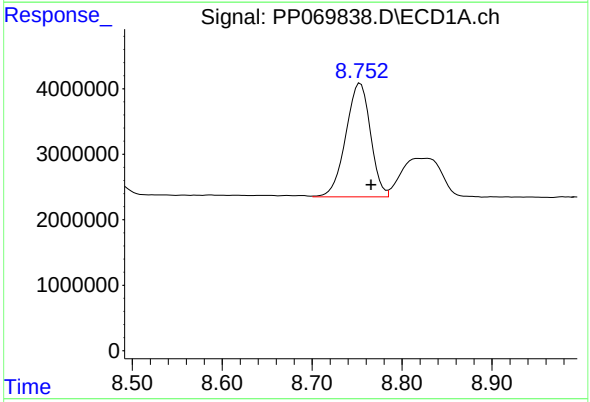
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 53272391
Conc: 348.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



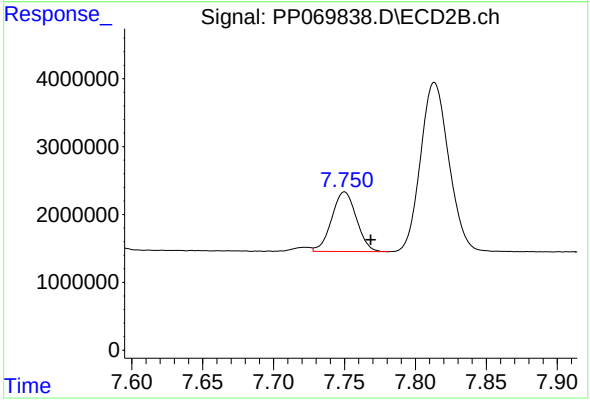
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 20621812
Conc: 338.18 ng/ml



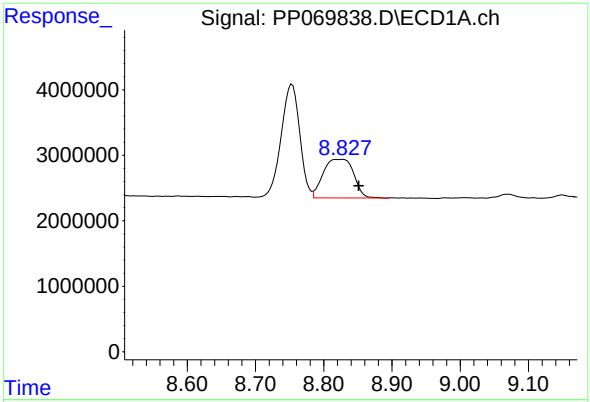
#38 AR-1262-3

R.T.: 8.754 min
Delta R.T.: -0.012 min
Response: 33054499
Conc: 311.01 ng/ml



#38 AR-1262-3

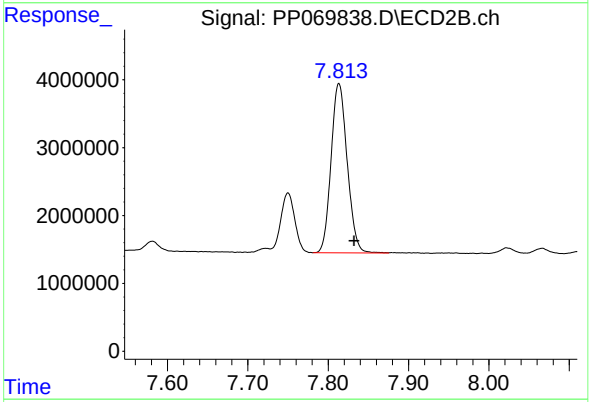
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 10640457
Conc: 203.45 ng/ml



#39 AR-1262-4

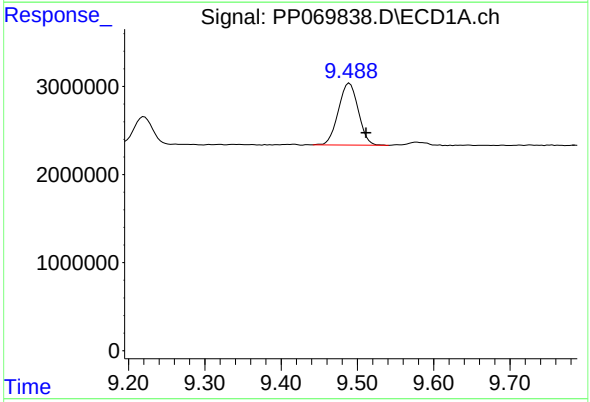
R.T.: 8.828 min
Delta R.T.: -0.024 min
Response: 18337647
Conc: 224.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



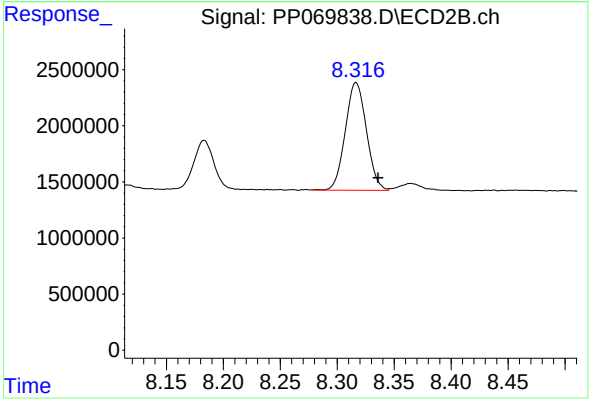
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 34799486
Conc: 376.47 ng/ml



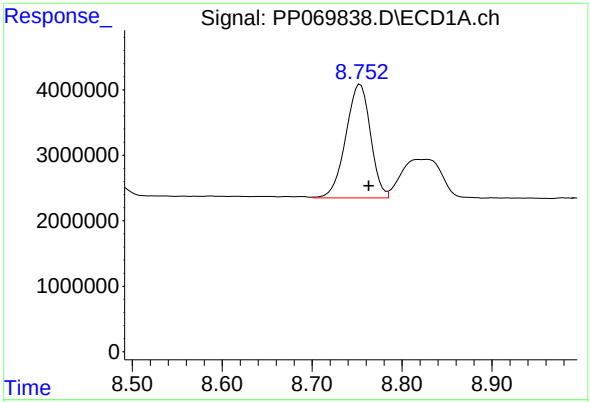
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 12713373
Conc: 224.58 ng/ml



#40 AR-1262-5

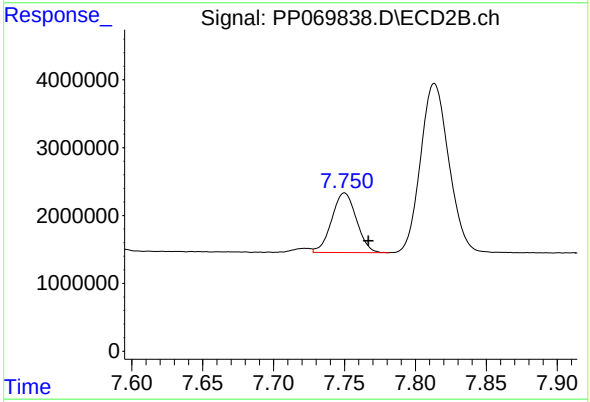
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 12413122
Conc: 259.73 ng/ml



#41 AR-1268-1

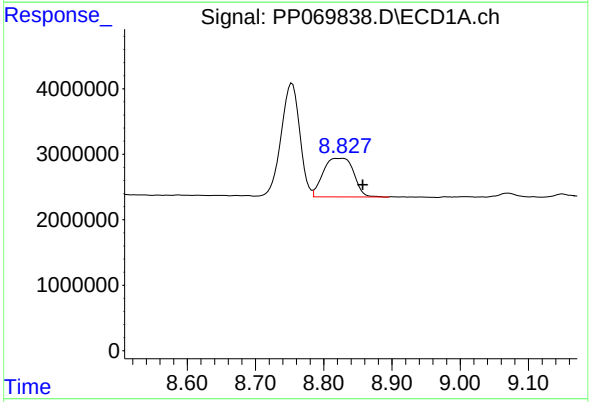
R.T.: 8.754 min
Delta R.T.: -0.009 min
Response: 33054499
Conc: 187.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



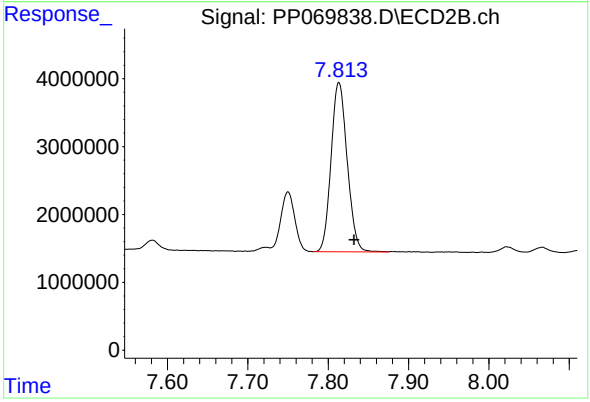
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 10640457
Conc: 73.32 ng/ml



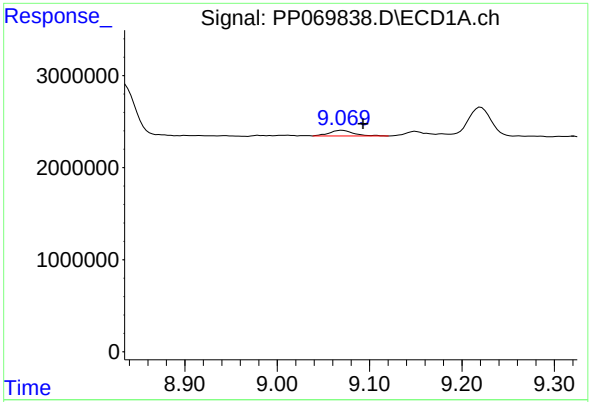
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: -0.030 min
Response: 18337647
Conc: 116.52 ng/ml



#42 AR-1268-2

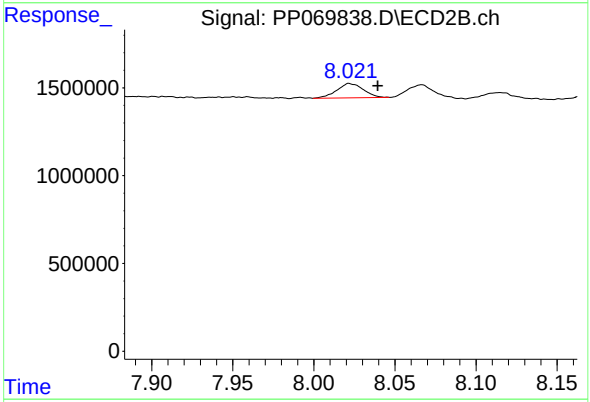
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 34799486
Conc: 262.01 ng/ml



#43 AR-1268-3

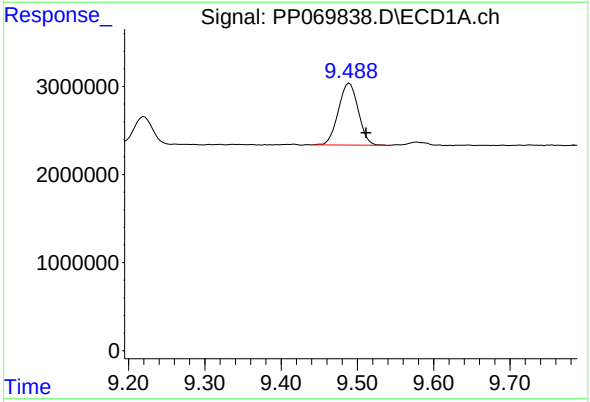
R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 1093738
Conc: 8.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



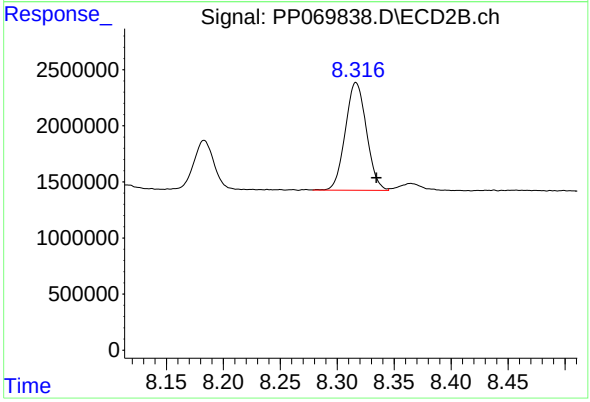
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 922787
Conc: 8.11 ng/ml



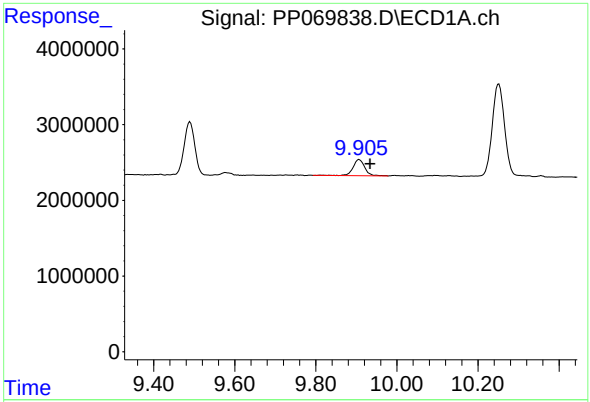
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 12713373
Conc: 216.51 ng/ml



#44 AR-1268-4

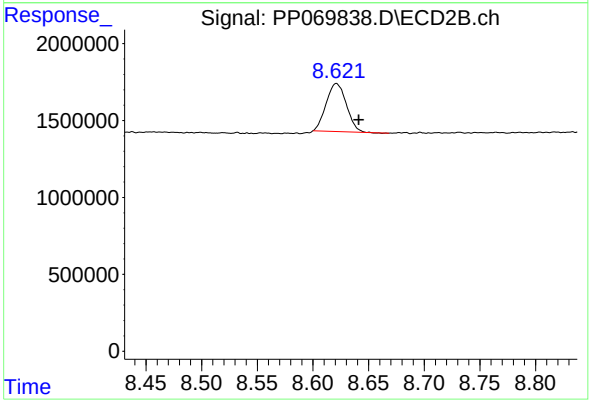
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 12413122
Conc: 238.36 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.027 min
Response: 4228532
Conc: 11.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166770BS



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 3923959
Conc: 11.02 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:32
Operator : YP\AJ
Sample : Q1382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:21:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.522	3.829	36723970	20721384	25.655	23.216	
2)	SA Decachlor...	10.248	8.887	20152573	21374361	18.440	19.110	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.939	0	47256	N.D.	1.449	#
4)	L1 AR-1016-2	0.000	4.953	0	50267	N.D.	1.118	#
5)	L1 AR-1016-3	0.000	5.157	0	1194145	N.D.	47.989	#
6)	L1 AR-1016-4	0.000	5.157	0	1194145	N.D.	59.127	#
7)	L1 AR-1016-5	6.148	5.372	595710	840806	18.020	31.345	#
8)	L2 AR-1221-1	0.000	4.046	0	162968	N.D.	13.230	#
9)	L2 AR-1221-2	4.826	4.133	609906	614033	44.543	63.411	#
10)	L2 AR-1221-3	0.000	4.204	0	118720	N.D.	4.069	#
11)	L3 AR-1232-1	0.000	4.204	0	118720	N.D.	5.056	#
12)	L3 AR-1232-2	5.376f	4.953	436978	50267	26.740	2.132	#
13)	L3 AR-1232-3	0.000	5.157	0	1194145	N.D.	92.232	#
14)	L3 AR-1232-4	0.000	5.199	0	415716	N.D.	37.498	#
15)	L3 AR-1232-5	5.947	5.372	1214774	840806	105.979	68.860	#
16)	L4 AR-1242-1	0.000	4.939	0	47256	N.D.	1.639	#
17)	L4 AR-1242-2	0.000	4.953	0	50267	N.D.	1.276	#
18)	L4 AR-1242-3	0.000	5.157	0	1194145	N.D.	53.063	#
19)	L4 AR-1242-4	0.000	5.199	0	415716	N.D.	19.262	#
20)	L4 AR-1242-5	6.589	5.726	908446	2667428	27.880	92.721	#
21)	L5 AR-1248-1	0.000	4.939	0	47256	N.D.	2.147	#
22)	L5 AR-1248-2	5.947	5.157	1214774	1194145	28.619	39.719	#
23)	L5 AR-1248-3	6.148	5.199	595710	415716	12.678	13.417	
24)	L5 AR-1248-4	6.548	5.372	1474689	840806	26.754	22.759	
25)	L5 AR-1248-5	6.589	5.767	908446	810358	17.017	21.673	#
26)	L6 AR-1254-1	6.548	5.726	1474689	2667428	25.486	48.450	#
27)	L6 AR-1254-2	6.742	5.875	3220583	2568549	40.136	53.103	#
28)	L6 AR-1254-3	7.104	6.280	1821323	3257707	21.608	42.923	#
29)	L6 AR-1254-4	7.387	6.508	1884625	2356046	27.639	45.972	#
30)	L6 AR-1254-5	7.803	6.926	822367	1203798	12.085	18.086	#
31)	L7 AR-1260-1	0.000	6.411	0	1793110	N.D.	37.179	#
32)	L7 AR-1260-2	7.524	6.598	714682	858828	9.185	14.009	#
33)	L7 AR-1260-3	0.000	6.753	0	755432	N.D.	12.558	#
34)	L7 AR-1260-4	8.087f	7.263	1035427	197390	15.694	4.248	#
35)	L7 AR-1260-5	8.389f	7.436f	567771	263774	4.337	2.373	#
36)	L8 AR-1262-1	8.087f	6.926f	1035427	1203798	13.104	16.952	#
37)	L8 AR-1262-2	8.389f	7.263	567771	197390	3.713	3.237	
38)	L8 AR-1262-3	0.000	7.795	0	340428	N.D.	6.509	#
39)	L8 AR-1262-4	0.000	7.795f	0	340428	N.D.	3.683	#
41)	L9 AR-1268-1	0.000	7.795	0	340428	N.D.	2.346	#
42)	L9 AR-1268-2	0.000	7.795f	0	340428	N.D.	2.563	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:32
Operator : YP\AJ
Sample : Q1382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:21:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.023	0	25035	N.D.	0.220 #
45) L9	AR-1268-5	0.000	8.620	0	163768	N.D.	0.460 #

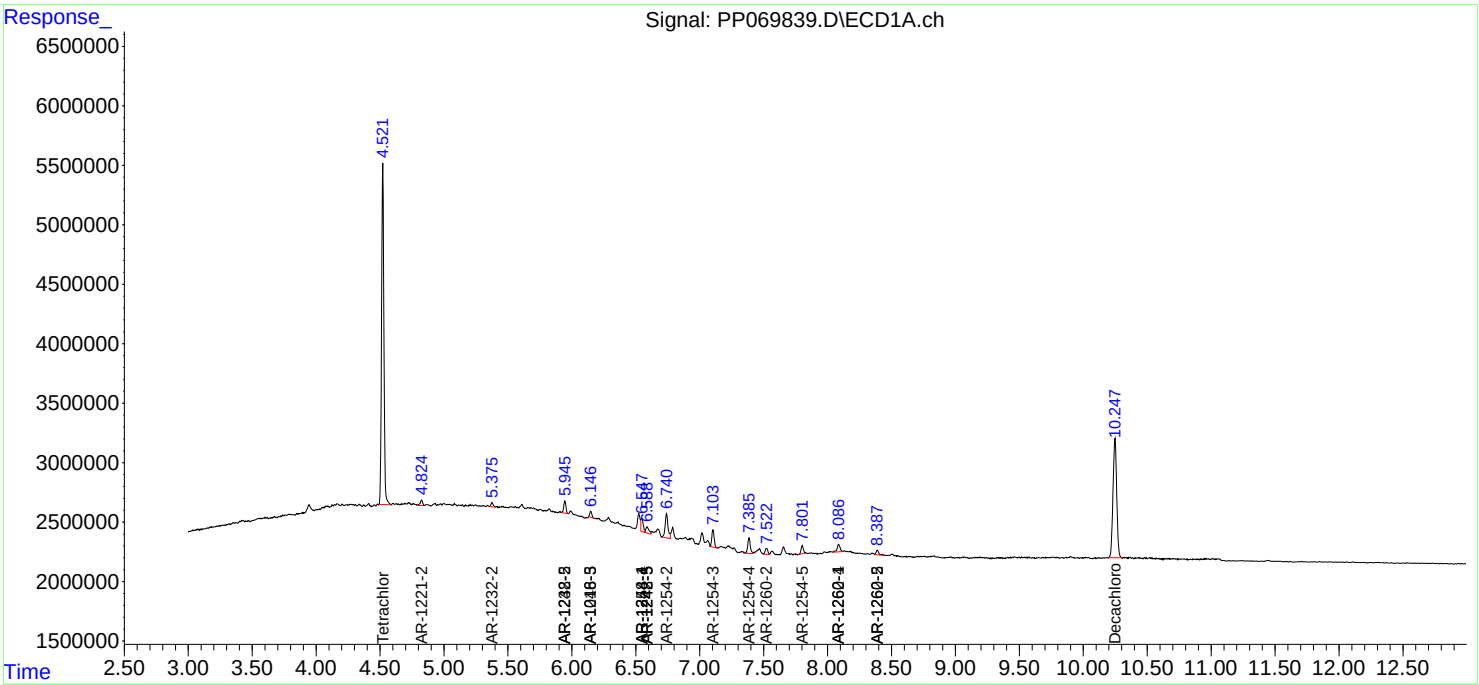
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

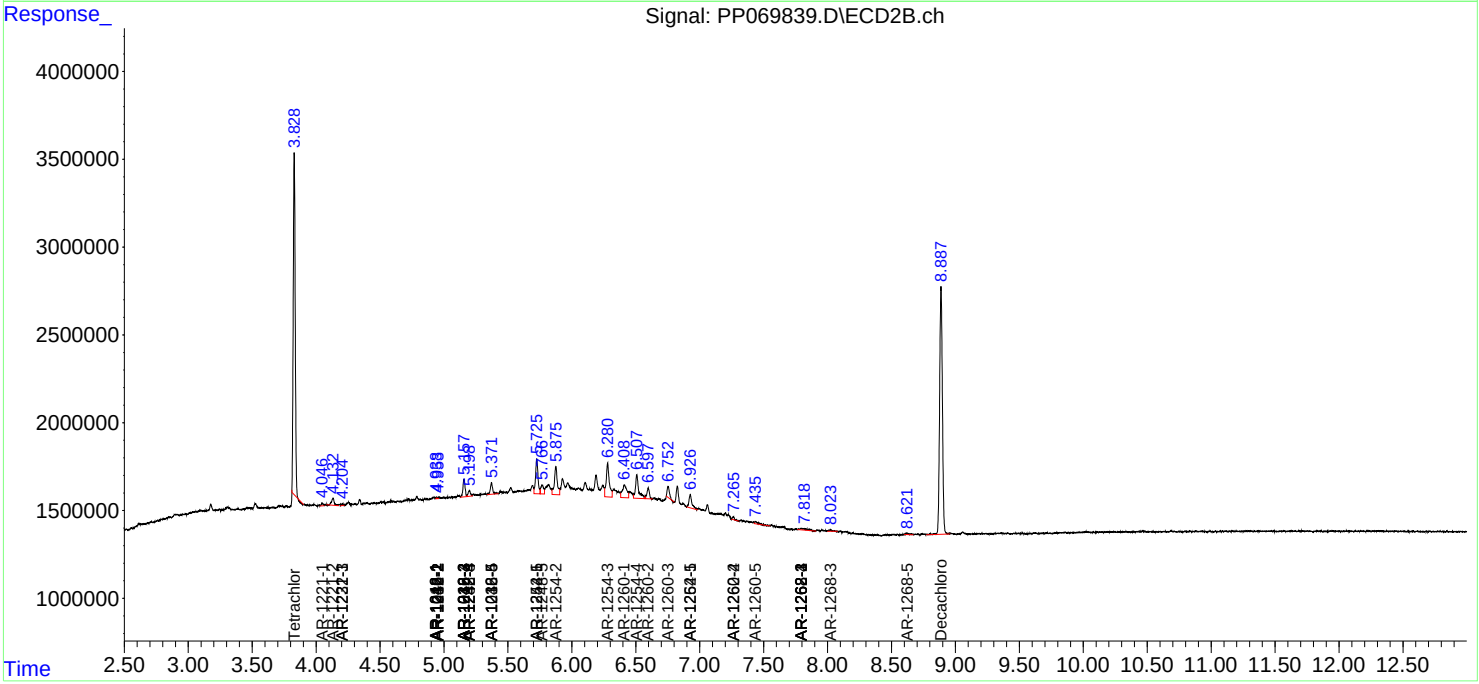
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 13:32
Operator : YP\AJ
Sample : Q1382-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

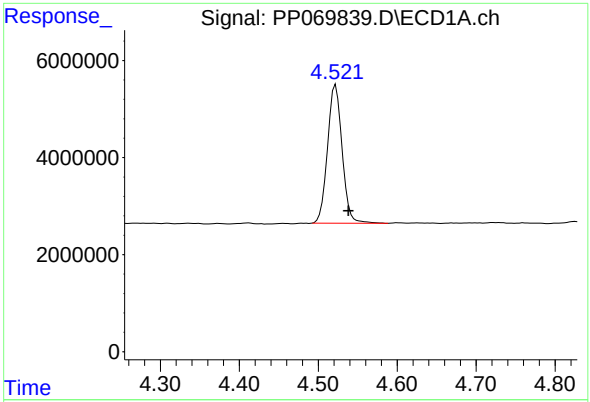
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:21:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



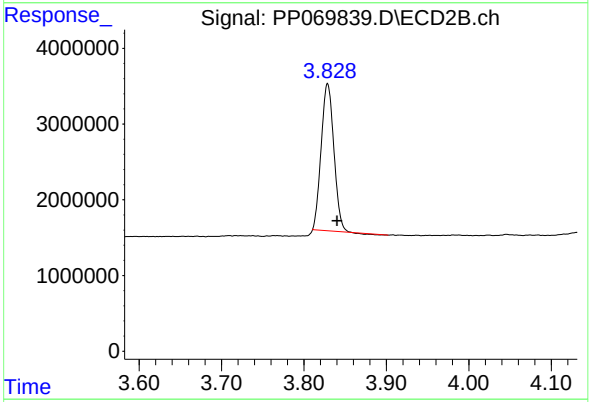




#1 Tetrachloro-m-xylene

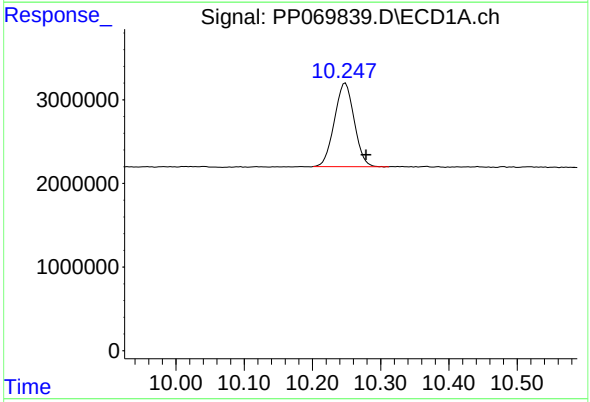
R.T.: 4.522 min
Delta R.T.: -0.016 min
Response: 36723970
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



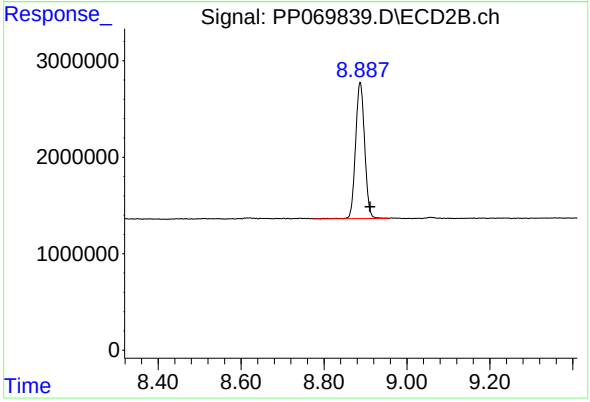
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20721384
Conc: 23.22 ng/ml



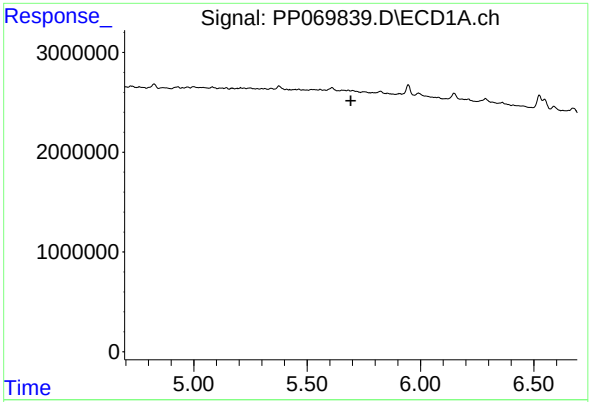
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.030 min
Response: 20152573
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

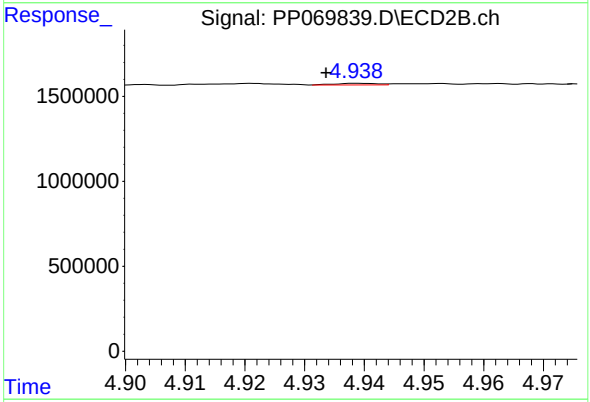
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 21374361
Conc: 19.11 ng/ml



#3 AR-1016-1

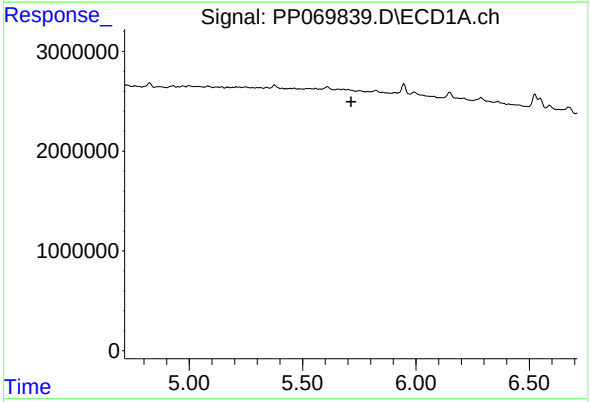
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



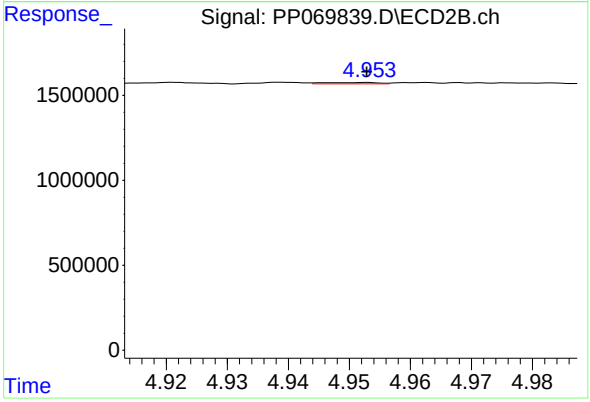
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 47256
Conc: 1.45 ng/ml



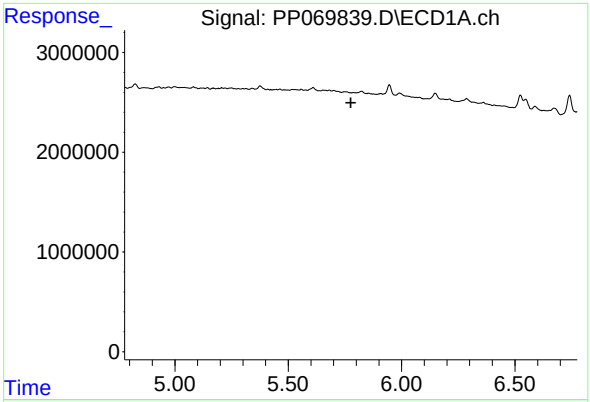
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

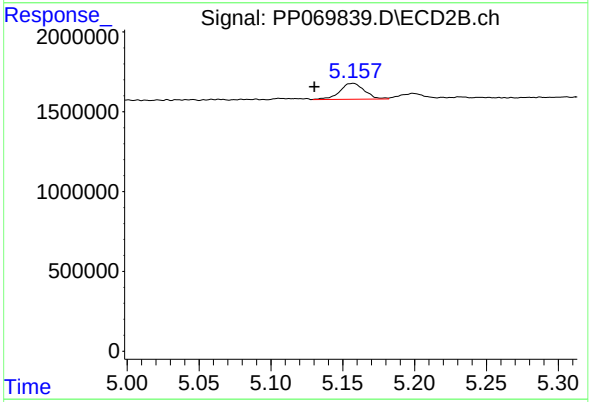
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 50267
Conc: 1.12 ng/ml



#5 AR-1016-3

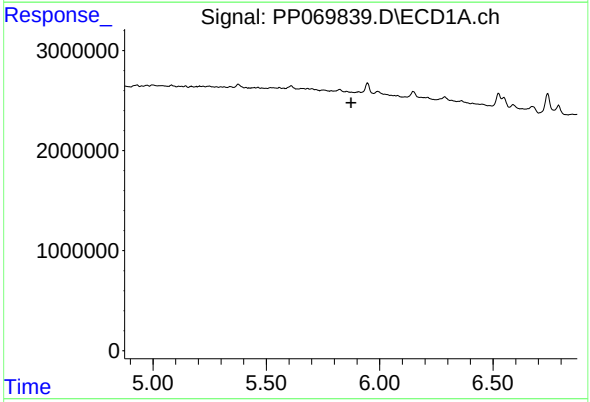
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



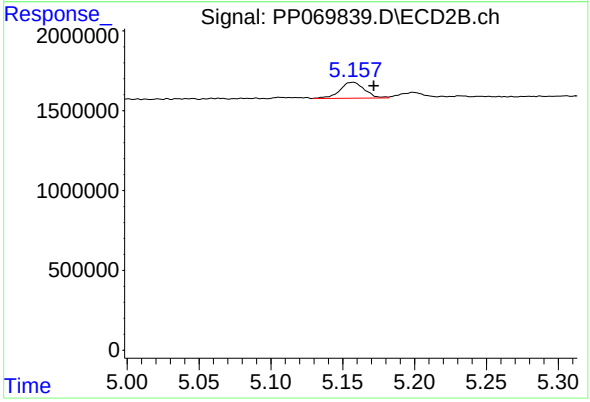
#5 AR-1016-3

R.T.: 5.157 min
Delta R.T.: 0.026 min
Response: 1194145
Conc: 47.99 ng/ml



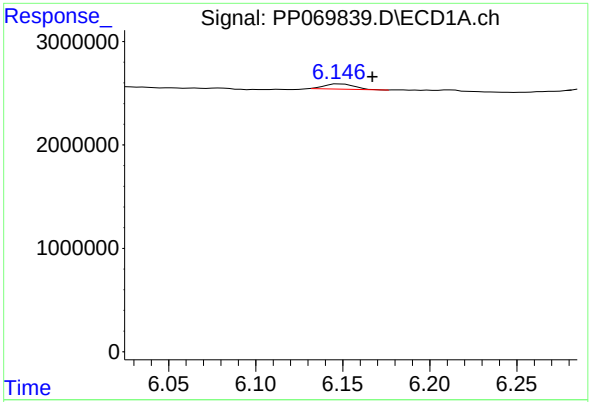
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

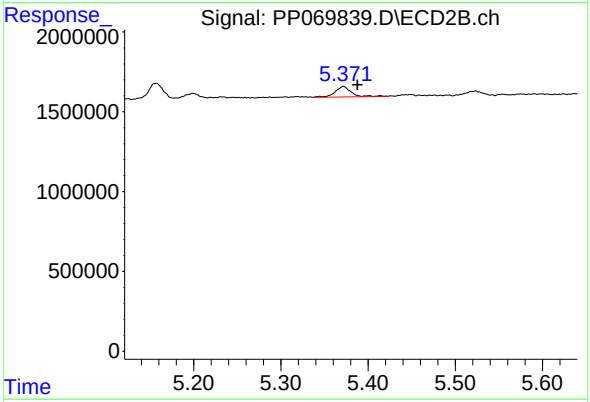
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 1194145
Conc: 59.13 ng/ml



#7 AR-1016-5

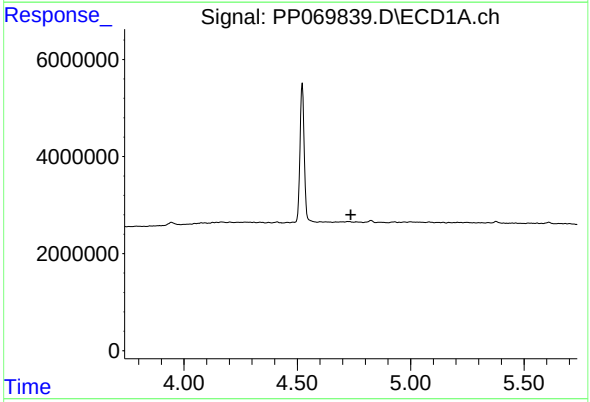
R.T.: 6.148 min
Delta R.T.: -0.019 min
Response: 595710
Conc: 18.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



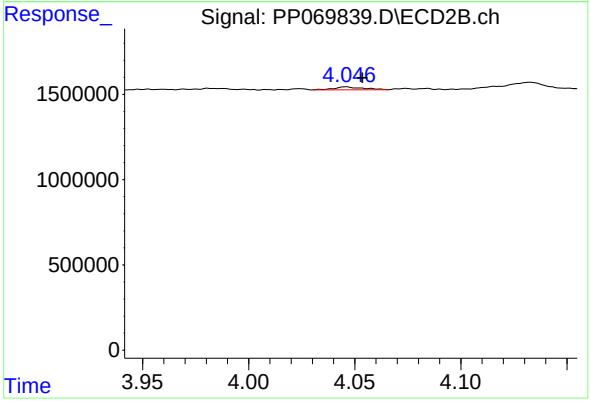
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 840806
Conc: 31.35 ng/ml



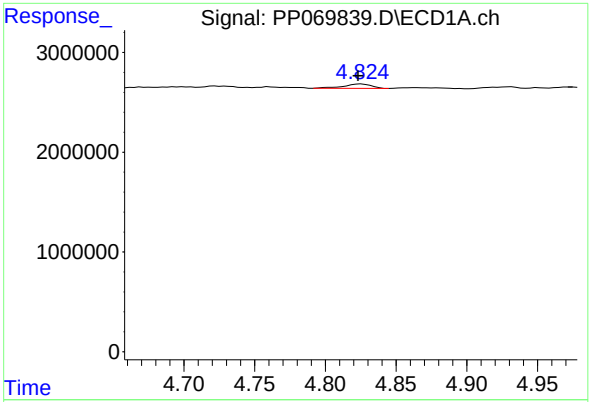
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

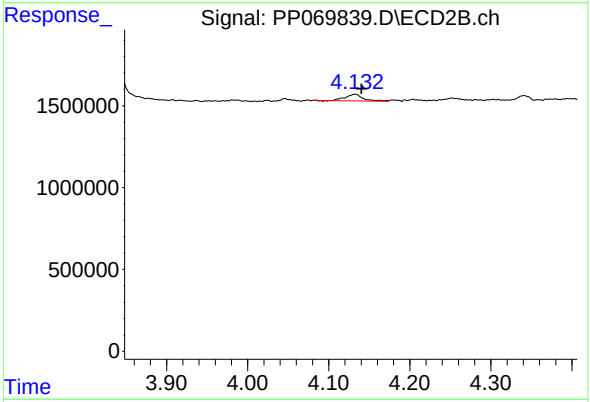
R.T.: 4.046 min
Delta R.T.: -0.008 min
Response: 162968
Conc: 13.23 ng/ml



#9 AR-1221-2

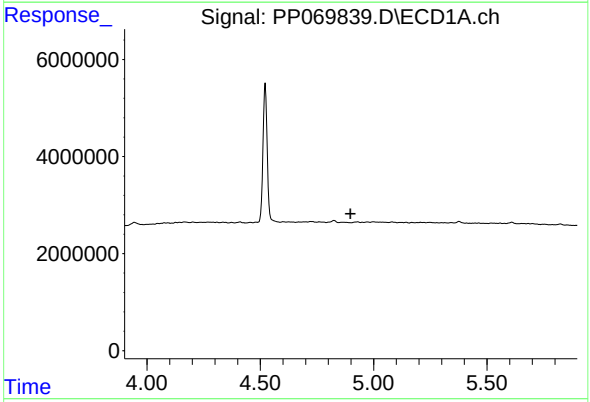
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 609906
Conc: 44.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



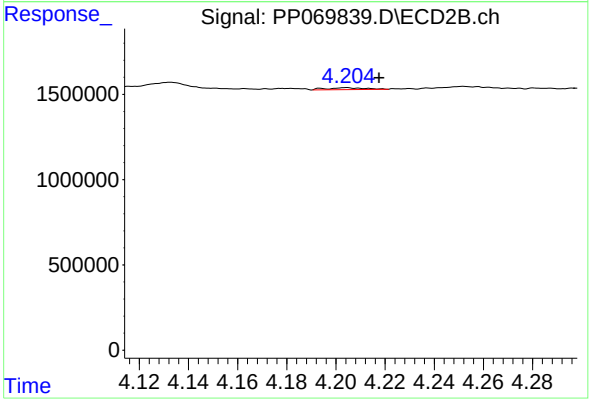
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 614033
Conc: 63.41 ng/ml



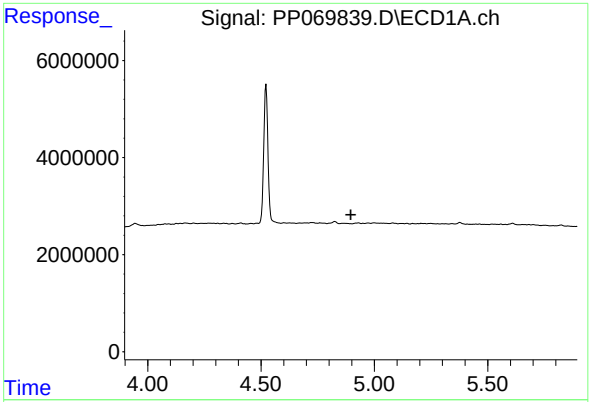
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

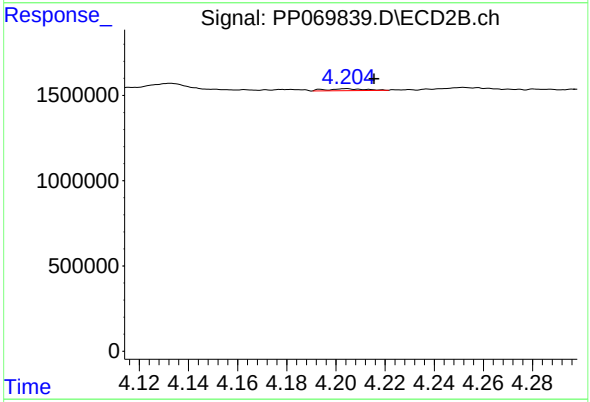
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 118720
Conc: 4.07 ng/ml



#11 AR-1232-1

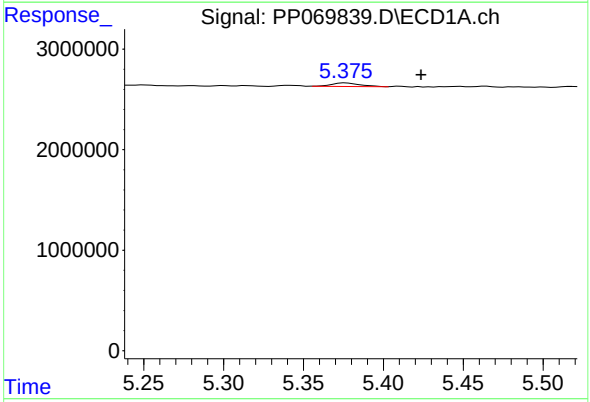
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



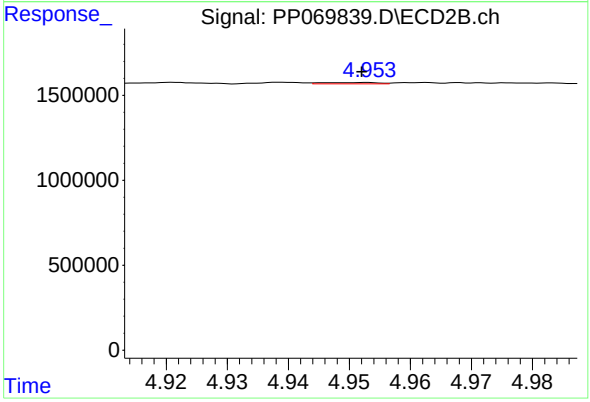
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 118720
Conc: 5.06 ng/ml



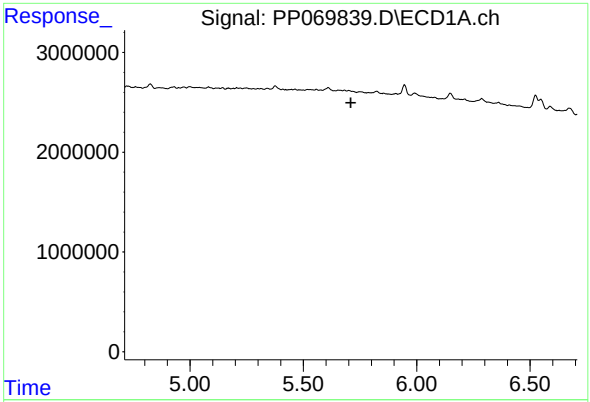
#12 AR-1232-2

R.T.: 5.376 min
Delta R.T.: -0.047 min
Response: 436978
Conc: 26.74 ng/ml



#12 AR-1232-2

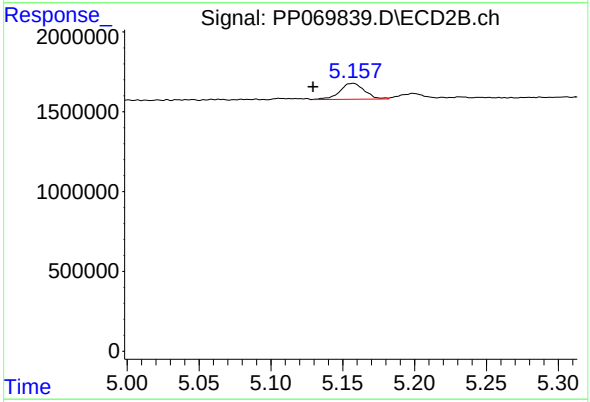
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 50267
Conc: 2.13 ng/ml



#13 AR-1232-3

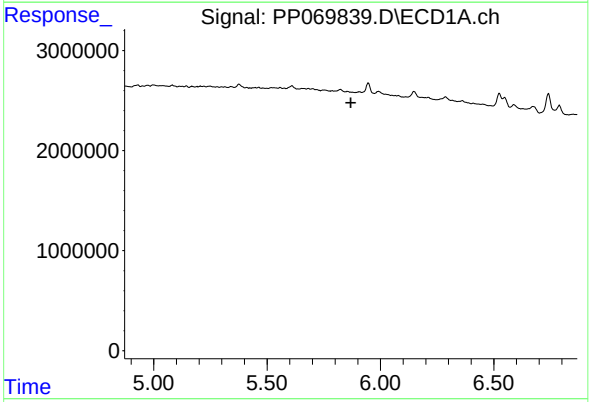
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



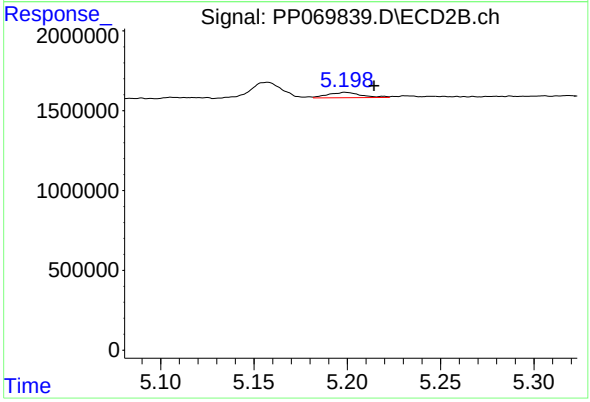
#13 AR-1232-3

R.T.: 5.157 min
Delta R.T.: 0.027 min
Response: 1194145
Conc: 92.23 ng/ml



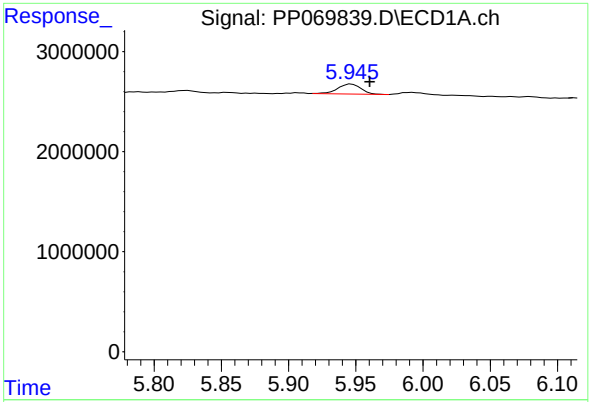
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

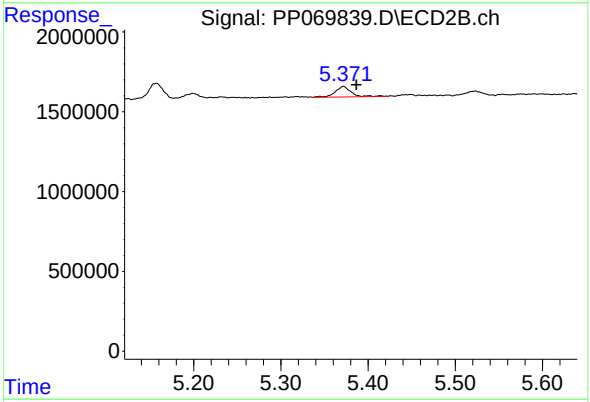
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 415716
Conc: 37.50 ng/ml



#15 AR-1232-5

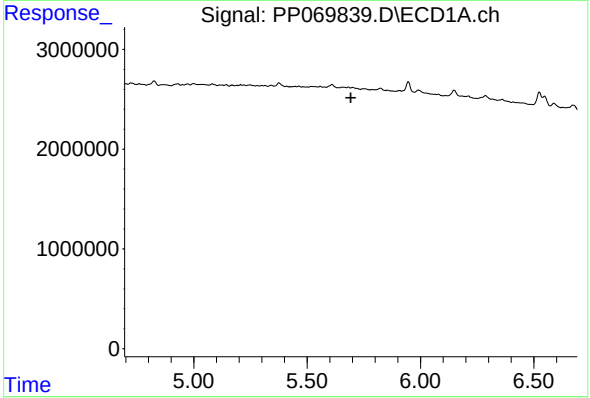
R.T.: 5.947 min
Delta R.T.: -0.014 min
Response: 1214774
Conc: 105.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



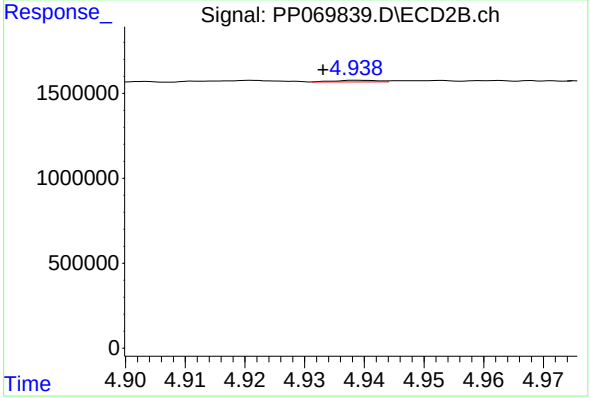
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 840806
Conc: 68.86 ng/ml



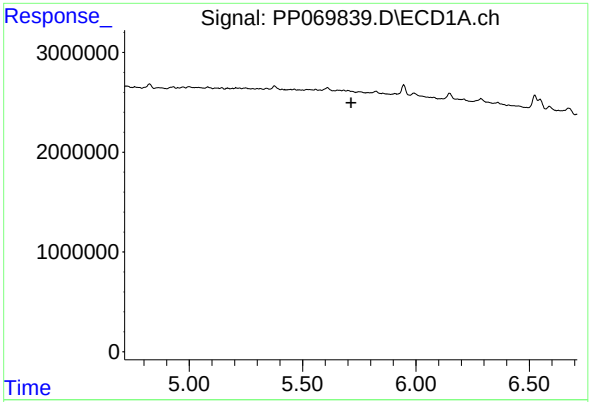
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

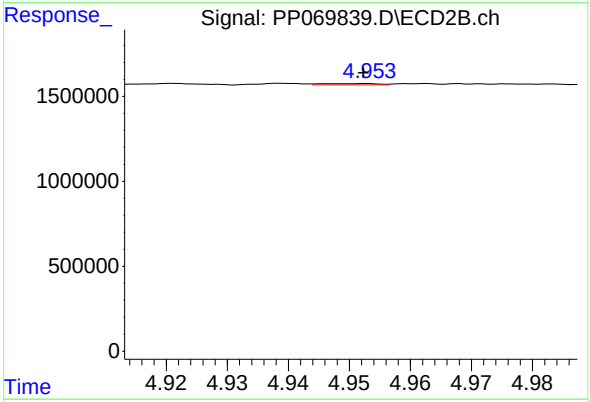
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 47256
Conc: 1.64 ng/ml



#17 AR-1242-2

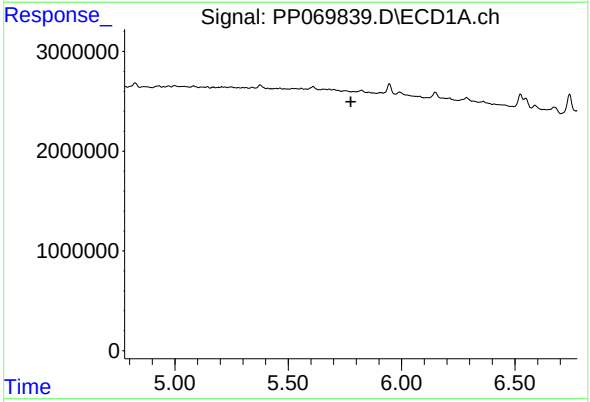
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



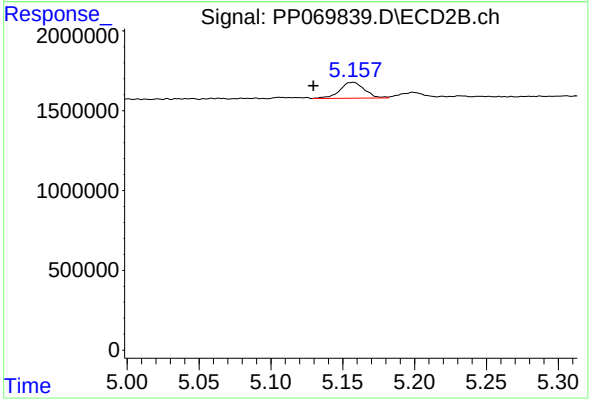
#17 AR-1242-2

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 50267
Conc: 1.28 ng/ml



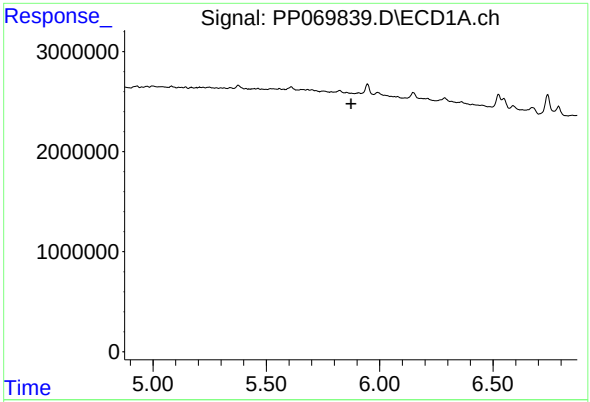
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

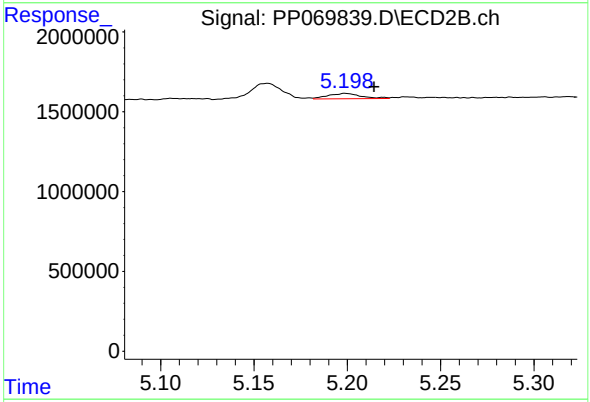
R.T.: 5.157 min
Delta R.T.: 0.027 min
Response: 1194145
Conc: 53.06 ng/ml



#19 AR-1242-4

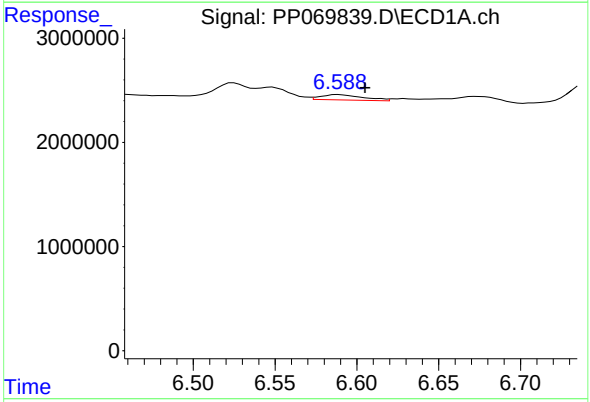
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



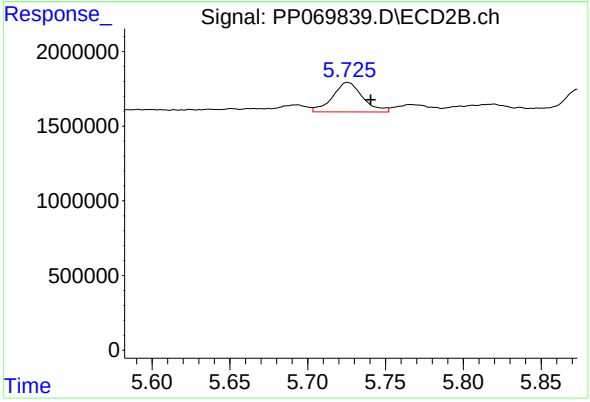
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 415716
Conc: 19.26 ng/ml



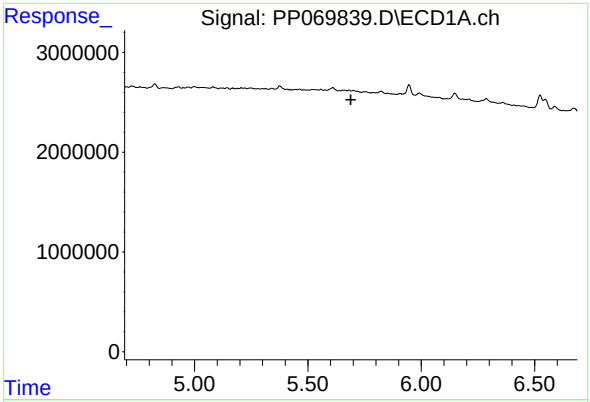
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.016 min
Response: 908446
Conc: 27.88 ng/ml



#20 AR-1242-5

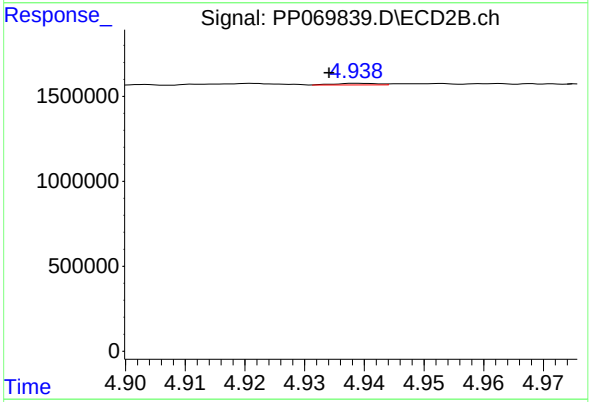
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 2667428
Conc: 92.72 ng/ml



#21 AR-1248-1

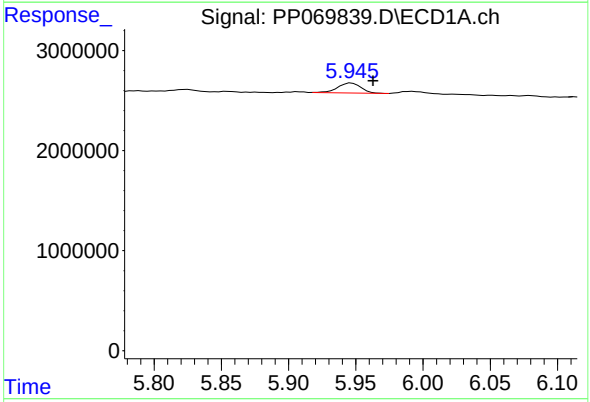
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



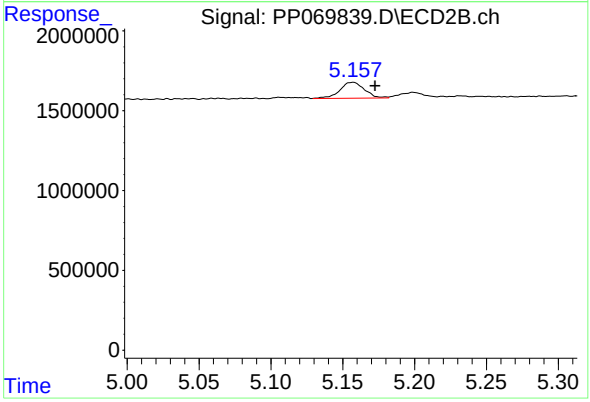
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 47256
Conc: 2.15 ng/ml



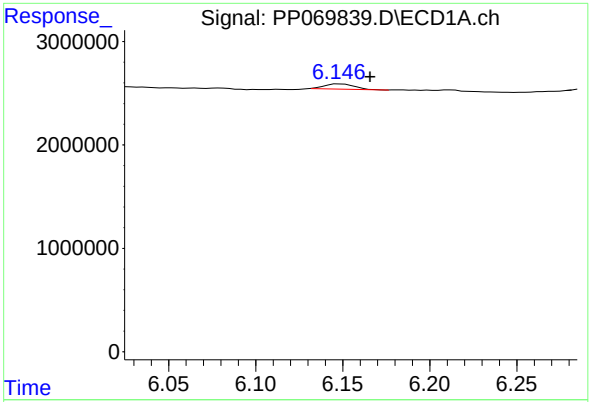
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 1214774
Conc: 28.62 ng/ml



#22 AR-1248-2

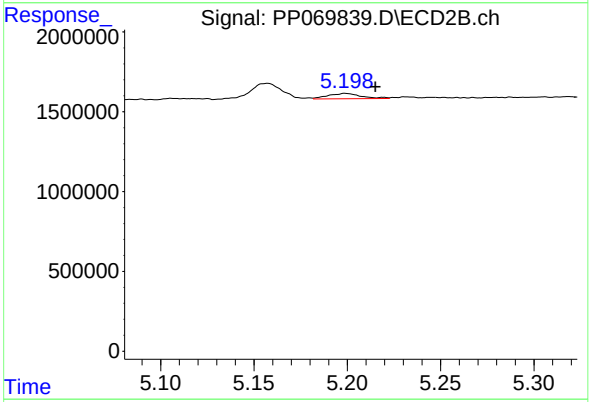
R.T.: 5.157 min
Delta R.T.: -0.016 min
Response: 1194145
Conc: 39.72 ng/ml



#23 AR-1248-3

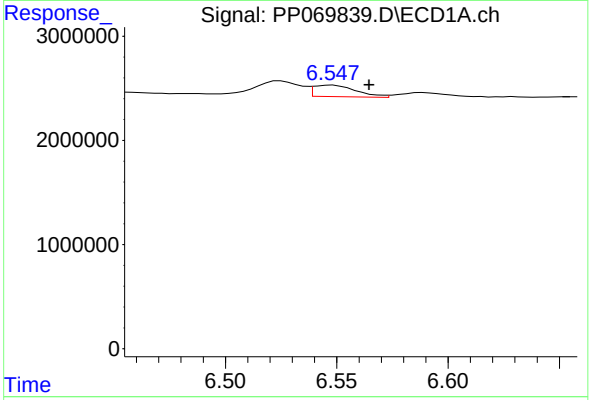
R.T.: 6.148 min
Delta R.T.: -0.017 min
Response: 595710
Conc: 12.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



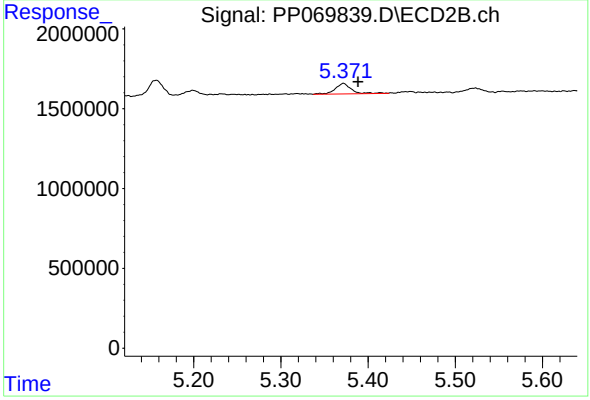
#23 AR-1248-3

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 415716
Conc: 13.42 ng/ml



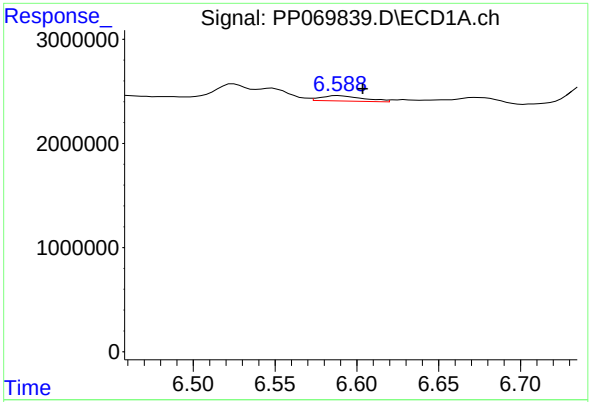
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.016 min
Response: 1474689
Conc: 26.75 ng/ml



#24 AR-1248-4

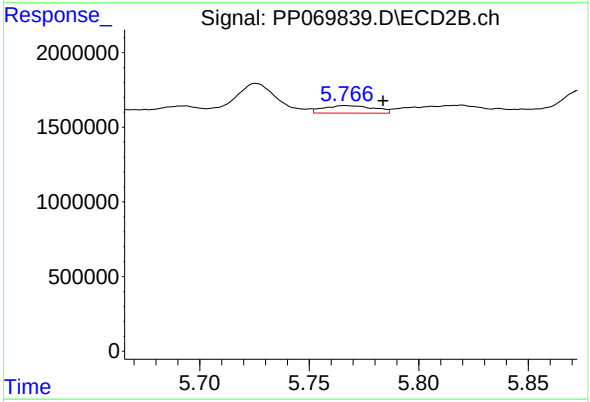
R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 840806
Conc: 22.76 ng/ml



#25 AR-1248-5

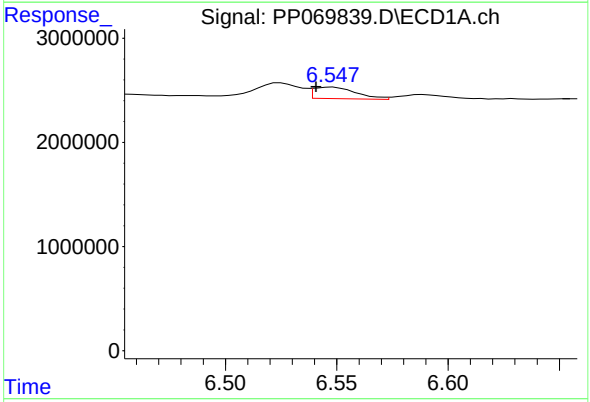
R.T.: 6.589 min
Delta R.T.: -0.015 min
Response: 908446
Conc: 17.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



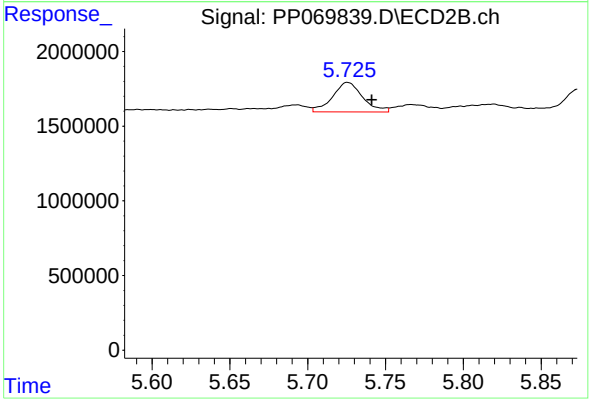
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.016 min
Response: 810358
Conc: 21.67 ng/ml



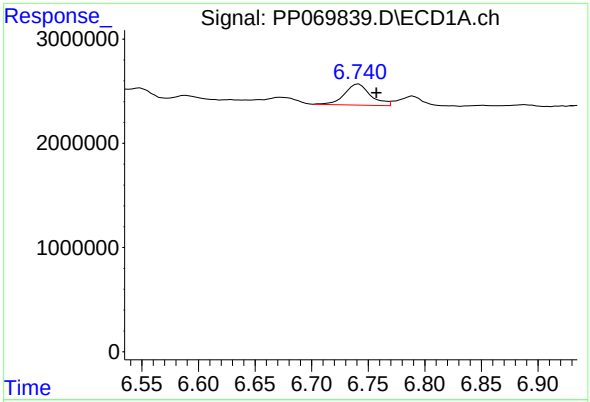
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.008 min
Response: 1474689
Conc: 25.49 ng/ml



#26 AR-1254-1

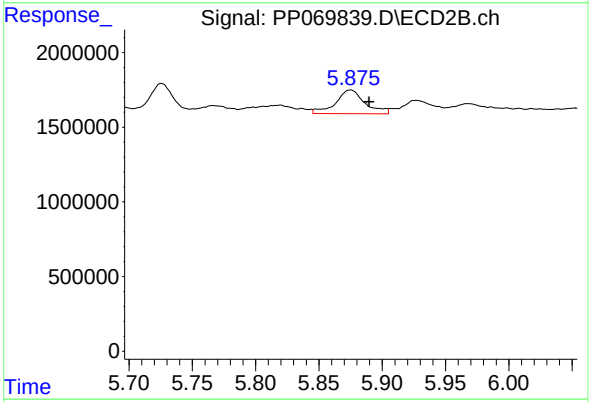
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 2667428
Conc: 48.45 ng/ml



#27 AR-1254-2

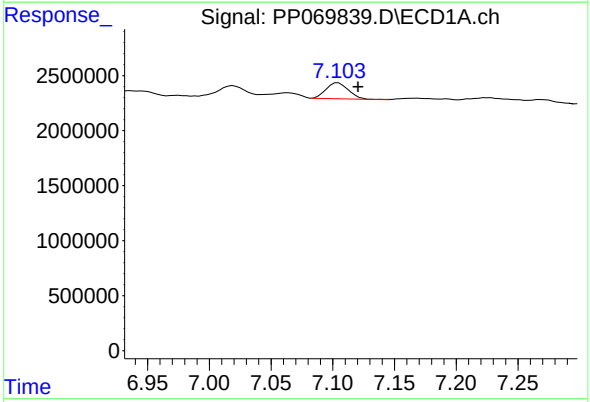
R.T.: 6.742 min
Delta R.T.: -0.016 min
Response: 3220583
Conc: 40.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



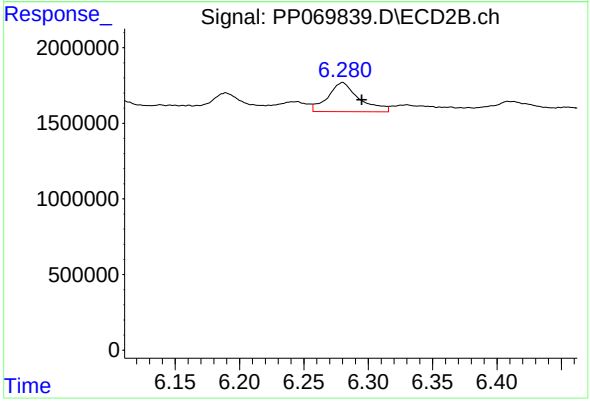
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 2568549
Conc: 53.10 ng/ml



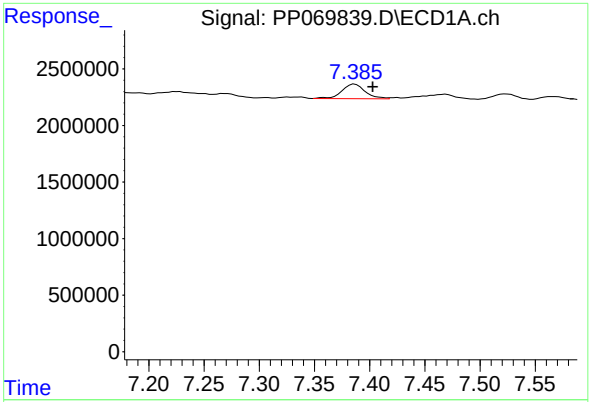
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 1821323
Conc: 21.61 ng/ml



#28 AR-1254-3

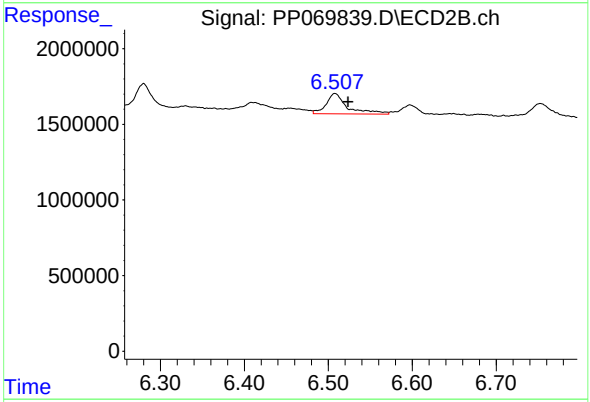
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 3257707
Conc: 42.92 ng/ml



#29 AR-1254-4

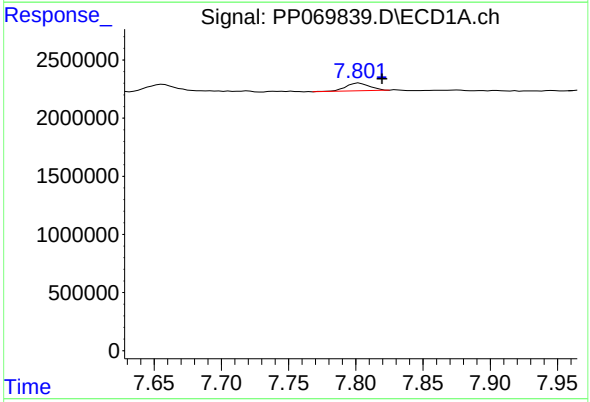
R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 1884625
Conc: 27.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



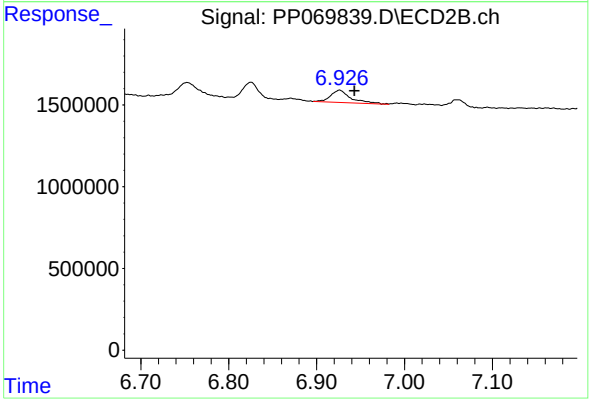
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 2356046
Conc: 45.97 ng/ml



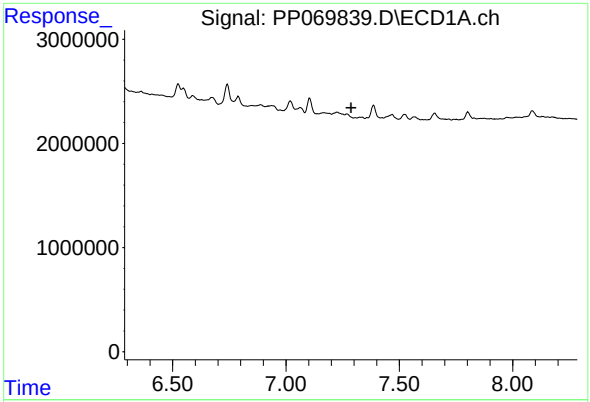
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.017 min
Response: 822367
Conc: 12.09 ng/ml



#30 AR-1254-5

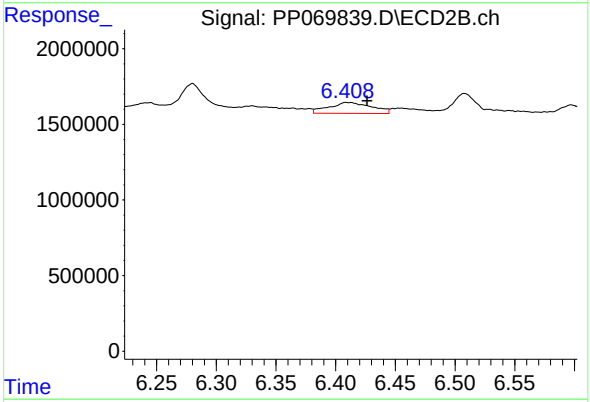
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 1203798
Conc: 18.09 ng/ml



#31 AR-1260-1

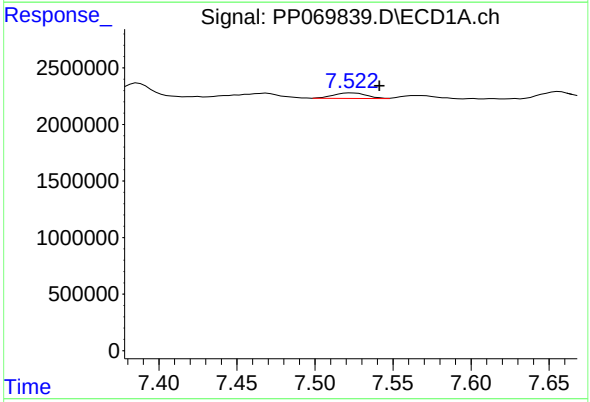
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



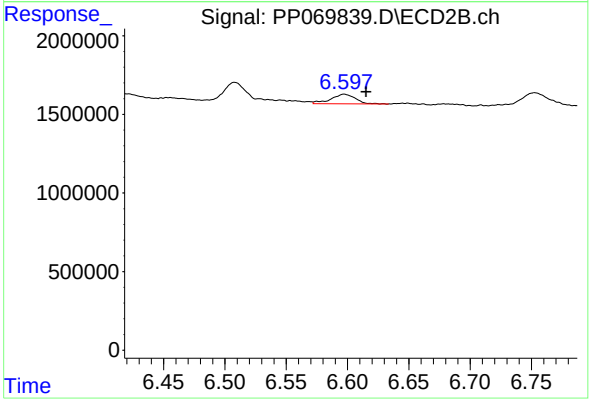
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 1793110
Conc: 37.18 ng/ml



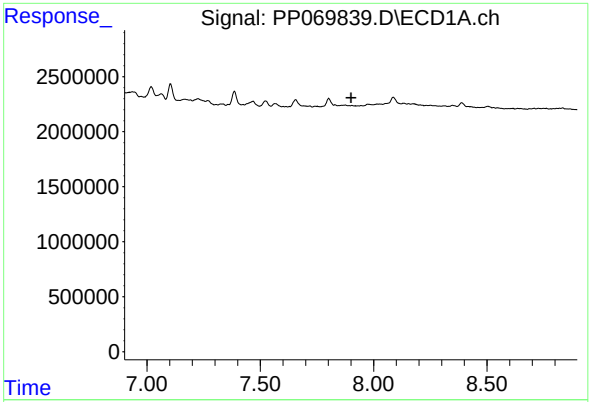
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.018 min
Response: 714682
Conc: 9.18 ng/ml



#32 AR-1260-2

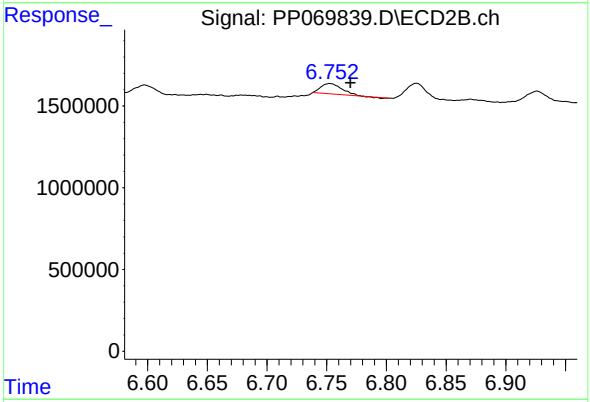
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 858828
Conc: 14.01 ng/ml



#33 AR-1260-3

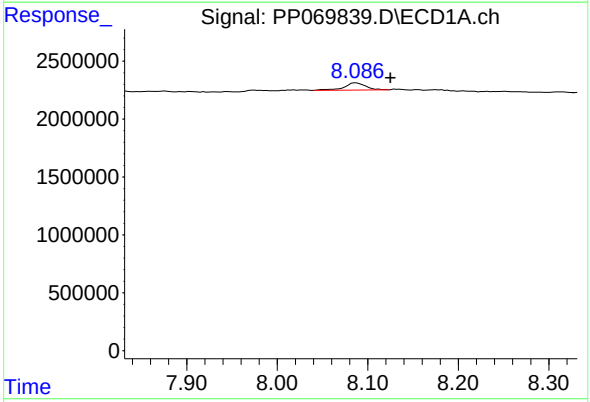
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



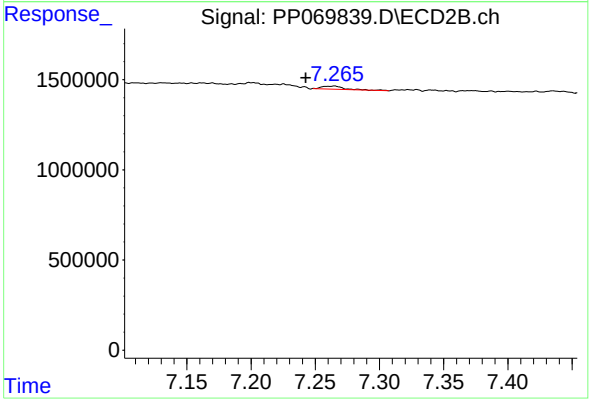
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 755432
Conc: 12.56 ng/ml



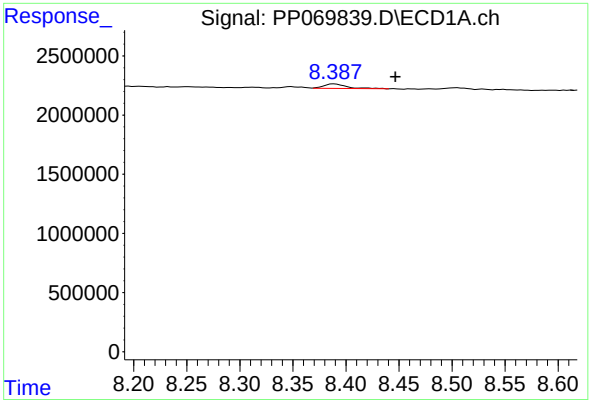
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.038 min
Response: 1035427
Conc: 15.69 ng/ml



#34 AR-1260-4

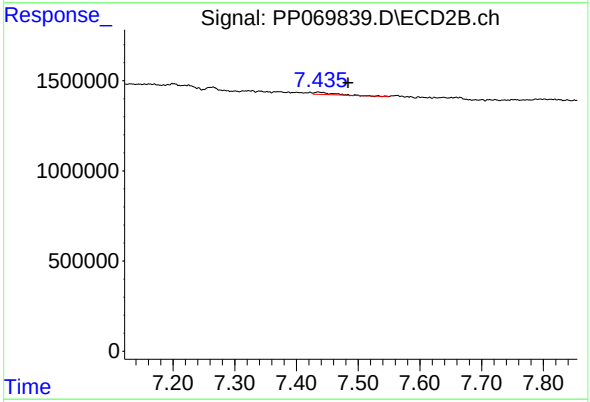
R.T.: 7.263 min
Delta R.T.: 0.021 min
Response: 197390
Conc: 4.25 ng/ml



#35 AR-1260-5

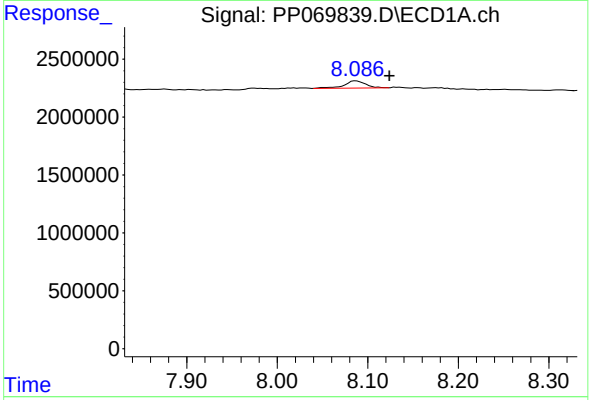
R.T.: 8.389 min
Delta R.T.: -0.058 min
Response: 567771
Conc: 4.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



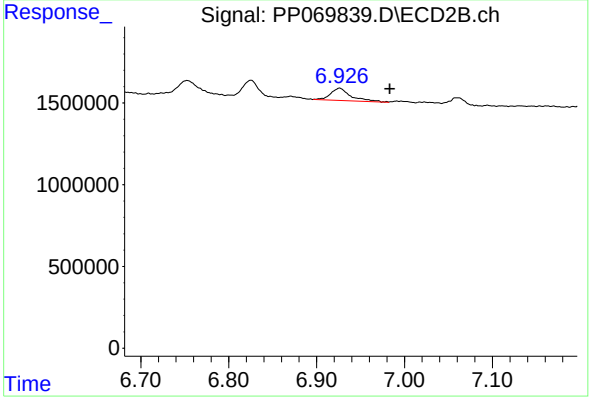
#35 AR-1260-5

R.T.: 7.436 min
Delta R.T.: -0.048 min
Response: 263774
Conc: 2.37 ng/ml



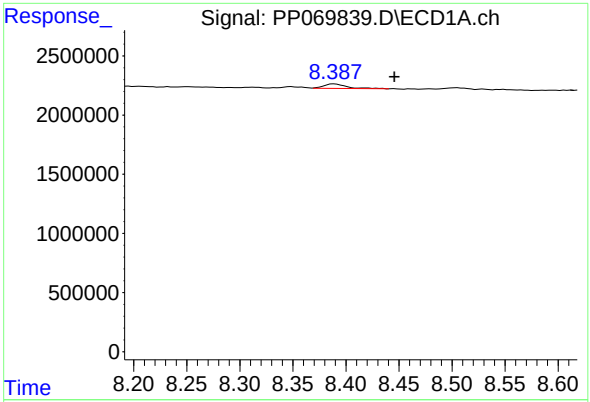
#36 AR-1262-1

R.T.: 8.087 min
Delta R.T.: -0.037 min
Response: 1035427
Conc: 13.10 ng/ml



#36 AR-1262-1

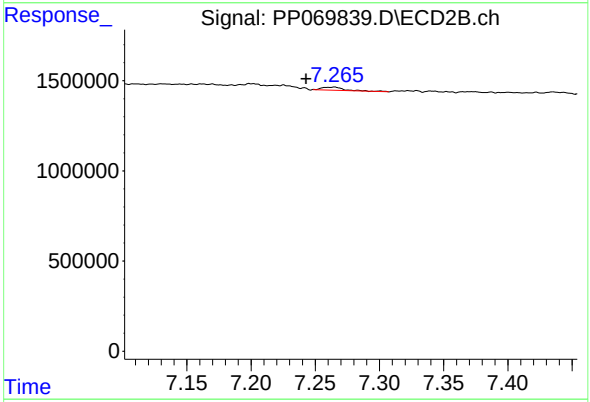
R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 1203798
Conc: 16.95 ng/ml



#37 AR-1262-2

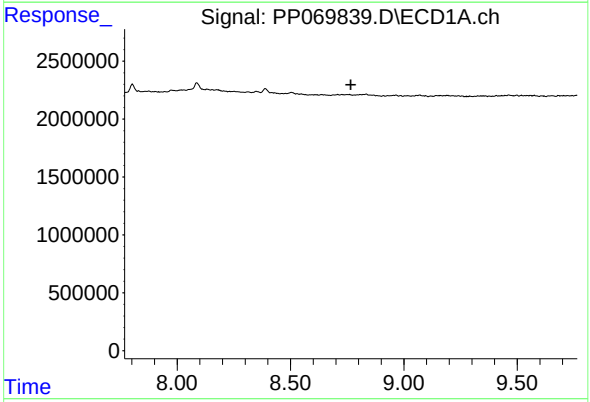
R.T.: 8.389 min
Delta R.T.: -0.057 min
Response: 567771
Conc: 3.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



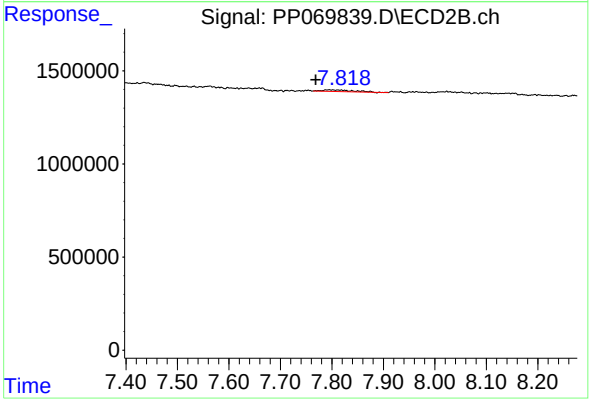
#37 AR-1262-2

R.T.: 7.263 min
Delta R.T.: 0.020 min
Response: 197390
Conc: 3.24 ng/ml



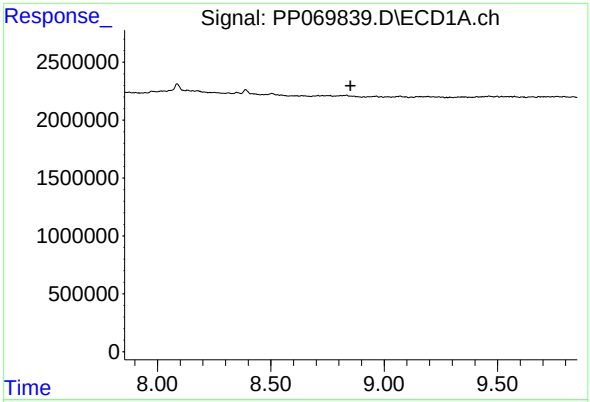
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

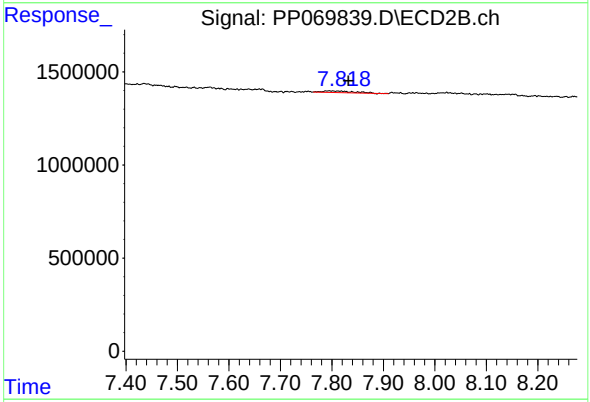
R.T.: 7.795 min
Delta R.T.: 0.027 min
Response: 340428
Conc: 6.51 ng/ml



#39 AR-1262-4

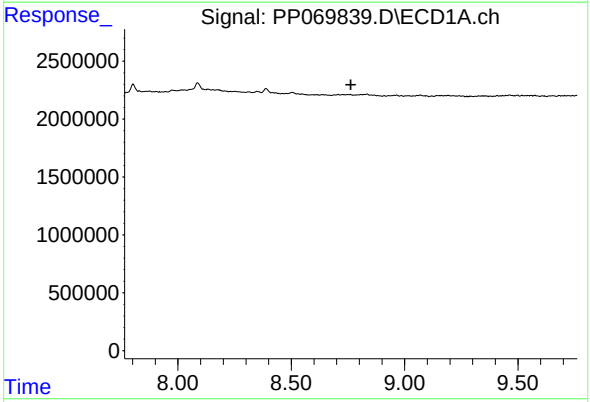
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



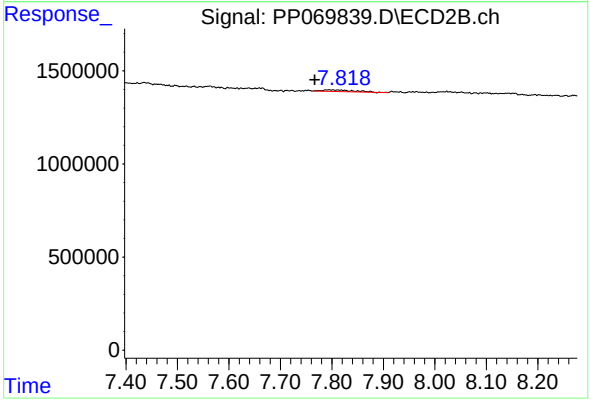
#39 AR-1262-4

R.T.: 7.795 min
Delta R.T.: -0.037 min
Response: 340428
Conc: 3.68 ng/ml



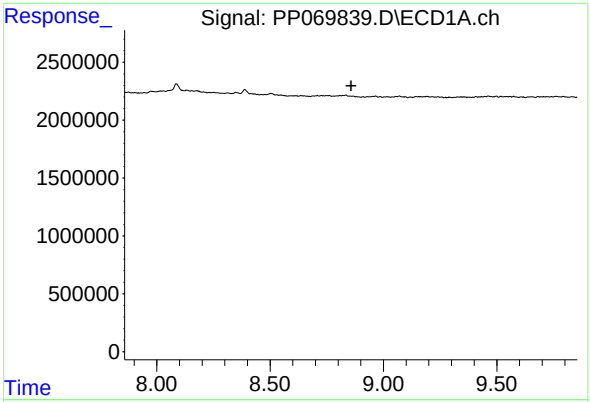
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

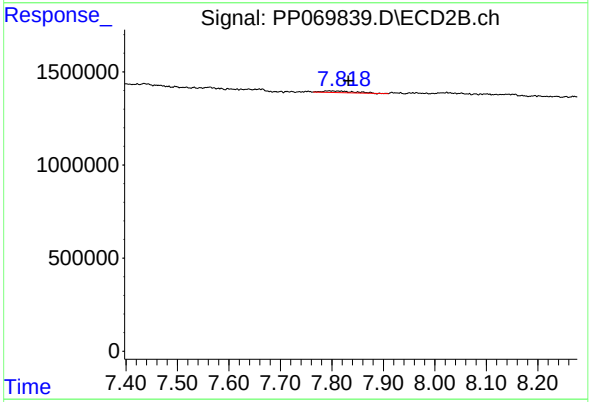
R.T.: 7.795 min
Delta R.T.: 0.028 min
Response: 340428
Conc: 2.35 ng/ml



#42 AR-1268-2

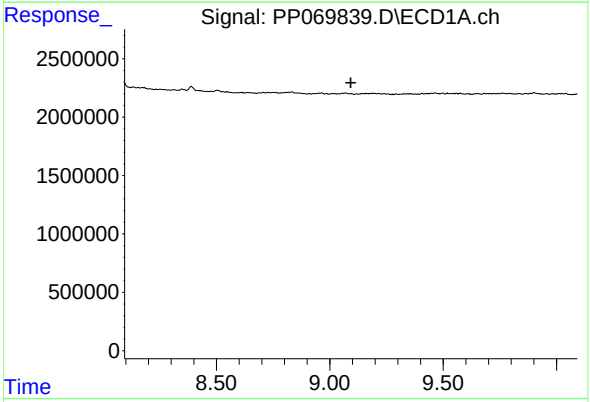
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



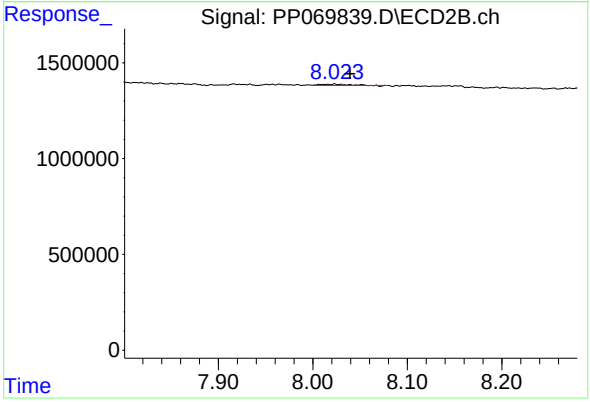
#42 AR-1268-2

R.T.: 7.795 min
Delta R.T.: -0.037 min
Response: 340428
Conc: 2.56 ng/ml



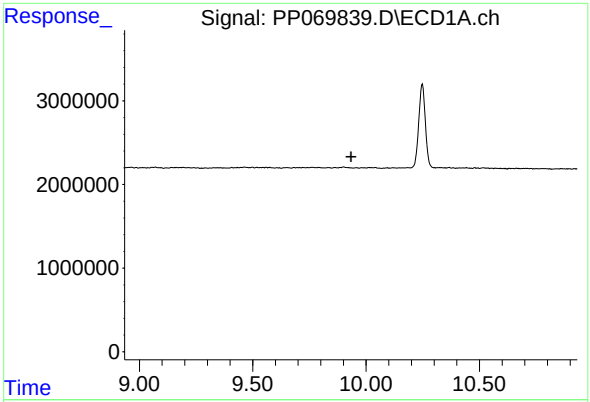
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

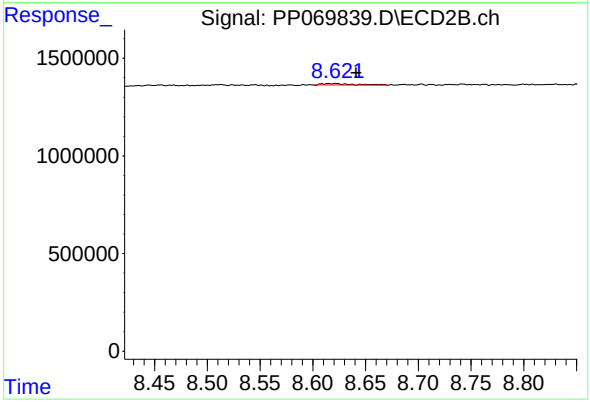
R.T.: 8.023 min
Delta R.T.: -0.016 min
Response: 25035
Conc: 0.22 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 163768
Conc: 0.46 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 15:10
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	77823853	45375925	54.366	50.839	
2)	SA Decachlor...	10.251	8.888	58033861	56817301	53.101	50.798	
	Target Compounds							
3)	L1 AR-1016-1	5.700	4.940	36701276	22533033	792.120	690.879	
4)	L1 AR-1016-2	5.700	4.940	36701276	22533033	540.701	501.197	
5)	L1 AR-1016-3	5.762	5.117	22263986	12948707	522.670	520.363	
6)	L1 AR-1016-4	5.859	5.159	18532319	9856720	529.488	488.047	
7)	L1 AR-1016-5	6.153	5.374	16258546	15209565	491.811	567.015	
8)	L2 AR-1221-1	4.726	4.040	2416771	1820046	127.068	147.755	
9)	L2 AR-1221-2	4.813	4.130	3959885	2873591	289.201	296.755	
10)	L2 AR-1221-3	4.887	4.205	13765046	9639240	328.181	330.404	
11)	L3 AR-1232-1	4.887	4.205	13765046	9639240	413.444	410.539	
12)	L3 AR-1232-2	5.413	4.940	17590810	22533033	1076.417	955.933	
13)	L3 AR-1232-3	5.700	5.117	36701276	12948707	1068.172	1000.113	
14)	L3 AR-1232-4	5.859	5.201	18532319	12391572	1040.195	1117.736	
15)	L3 AR-1232-5	5.950	5.374	15570714	15209565	1358.414	1245.632	
16)	L4 AR-1242-1	5.700	4.940	36701276	22533033	880.015	781.528	
17)	L4 AR-1242-2	5.700	4.940	36701276	22533033	622.151	571.937	
18)	L4 AR-1242-3	5.762	5.117	22263986	12948707	600.130	575.394	
19)	L4 AR-1242-4	5.859	5.201	18532319	12391572	565.102	574.156	
20)	L4 AR-1242-5	6.591	5.727	7470742	14225874	229.274	494.497	#
21)	L5 AR-1248-1	5.700	4.940	36701276	22533033	1131.391	1023.737	
22)	L5 AR-1248-2	5.950	5.159	15570714	9856720	366.832	327.852	
23)	L5 AR-1248-3	6.153	5.201	16258546	12391572	346.021	399.931	
24)	L5 AR-1248-4	6.591	5.374	7470742	15209565	135.533	411.696	#
25)	L5 AR-1248-5	6.591	5.768	7470742	3981415	139.944	106.485	
26)	L6 AR-1254-1	6.528	5.727	23414776	14225874	404.654	258.390	#
27)	L6 AR-1254-2	6.744	5.875	16089501	10820318	200.513	223.704	
28)	L6 AR-1254-3	7.107	6.297	9529769	26111414	113.061	344.042	#
29)	L6 AR-1254-4	7.391	6.509	8032815	3533990	117.804	68.956	#
30)	L6 AR-1254-5	7.805	6.927	42941284	33837880	631.061	508.378	
31)	L7 AR-1260-1	7.272	6.412	31967755	26876118	547.053	557.254	
32)	L7 AR-1260-2	7.526	6.600	39499596	34622711	507.623	564.774	
33)	L7 AR-1260-3	7.884	6.754	32317868	21011272	516.927	349.277	#
34)	L7 AR-1260-4	8.109	7.226	32188972	25232314	487.884	543.007	
35)	L7 AR-1260-5	8.429	7.467	66762055	61138168	509.922	550.075	
36)	L8 AR-1262-1	8.109	6.967	32188972	30105200	407.361	423.938	
37)	L8 AR-1262-2	8.429	7.226	66762055	25232314	436.572	413.784	
38)	L8 AR-1262-3	8.753	7.750	42578019	16156755	400.622	308.929	
39)	L8 AR-1262-4	8.831	7.814	28080906	44915360	343.317	485.905	#
40)	L8 AR-1262-5	9.490	8.316	20191807	18562722	356.681	388.405	
41)	L9 AR-1268-1	8.753	7.750	42578019	16156755	241.128	111.332	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 15:10
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.814	28080906	44915360	178.437	338.178 #
43) L9	AR-1268-3	9.071	8.023	918355	905173	6.867	7.958
44) L9	AR-1268-4	9.490	8.316	20191807	18562722	343.861	356.441
45) L9	AR-1268-5	9.909	8.621	5425141	5032352	14.243	14.129

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

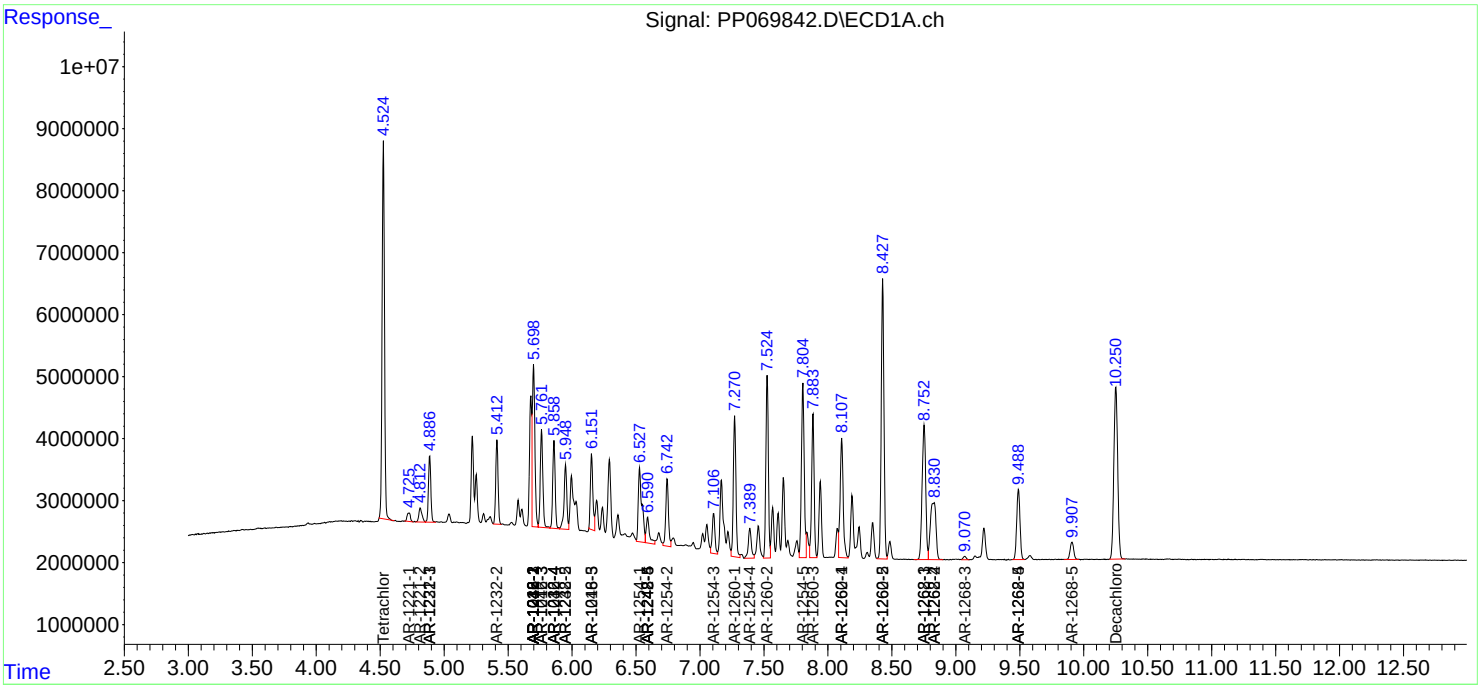
Quantitation Report (Not Reviewed)

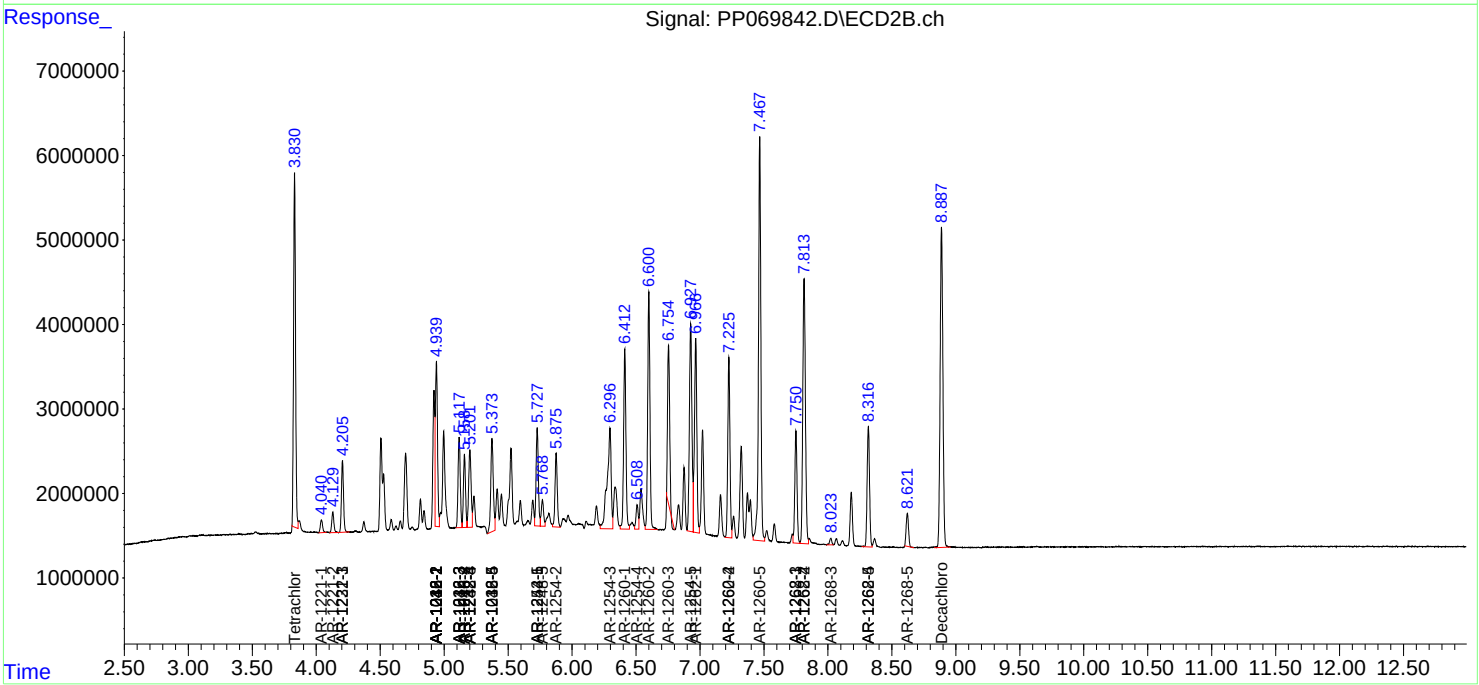
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 15:10
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

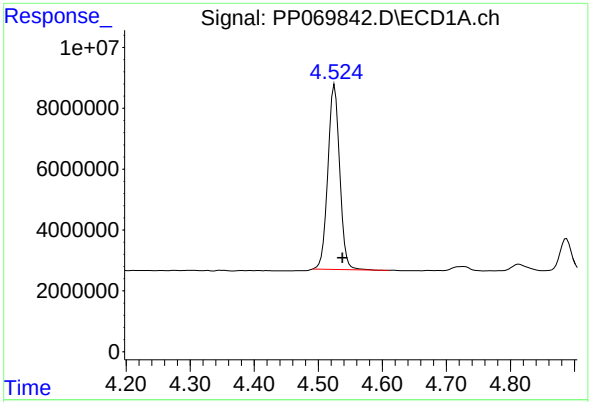
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:22:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



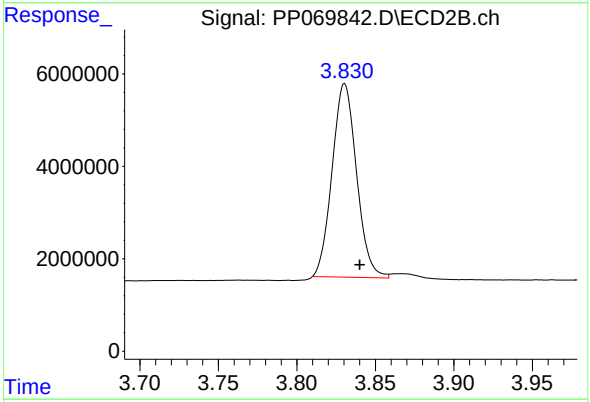




#1 Tetrachloro-m-xylene

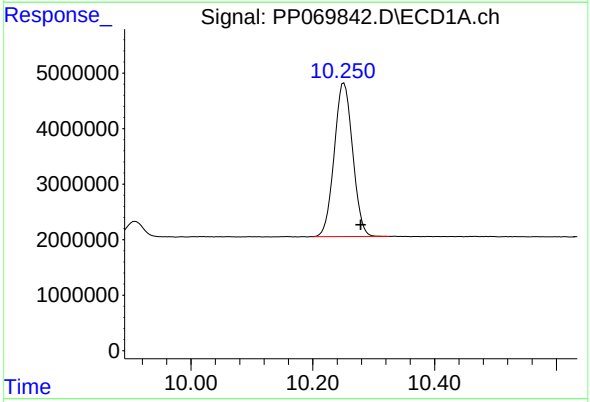
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 77823853
Conc: 54.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



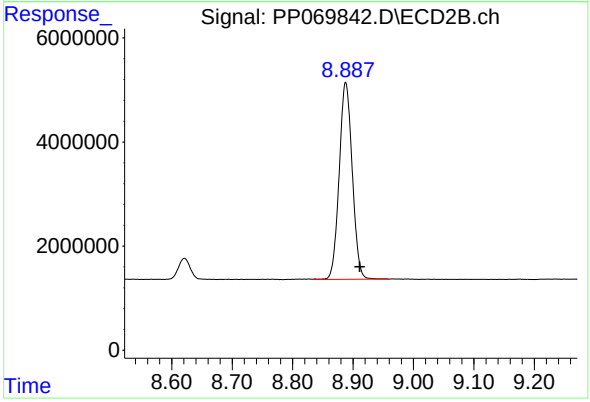
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 45375925
Conc: 50.84 ng/ml



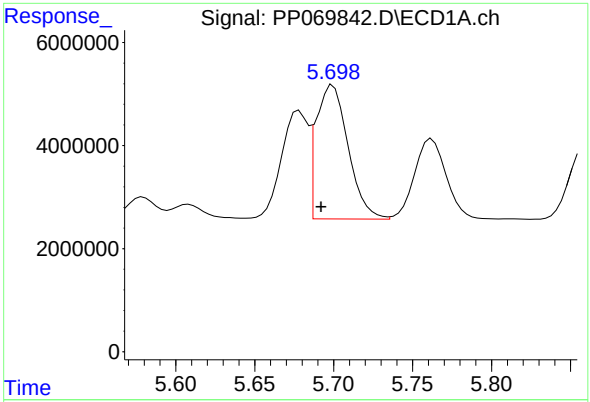
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 58033861
Conc: 53.10 ng/ml



#2 Decachlorobiphenyl

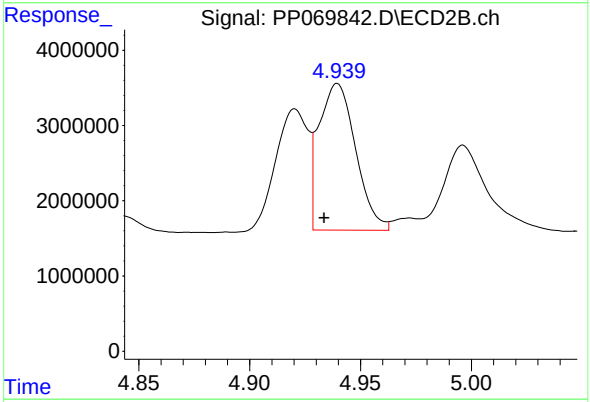
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 56817301
Conc: 50.80 ng/ml



#3 AR-1016-1

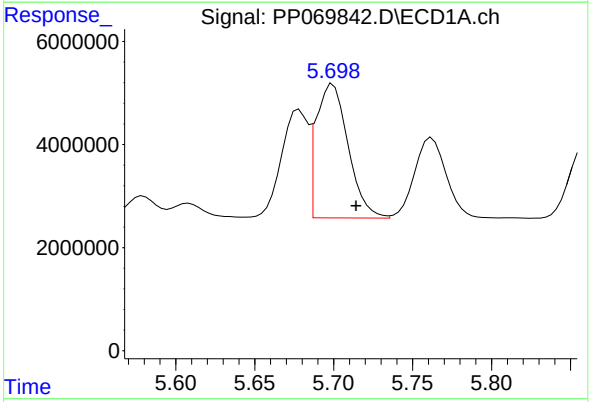
R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 36701276
Conc: 792.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



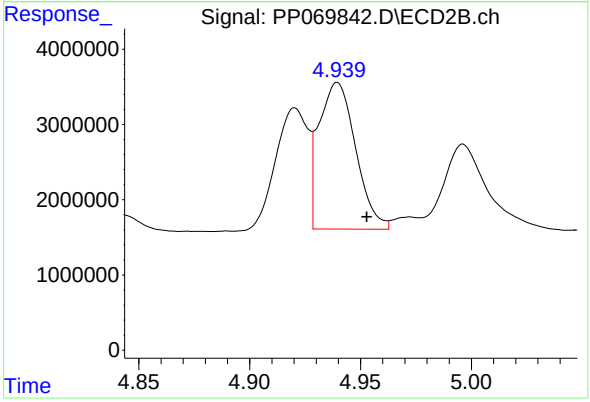
#3 AR-1016-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 22533033
Conc: 690.88 ng/ml



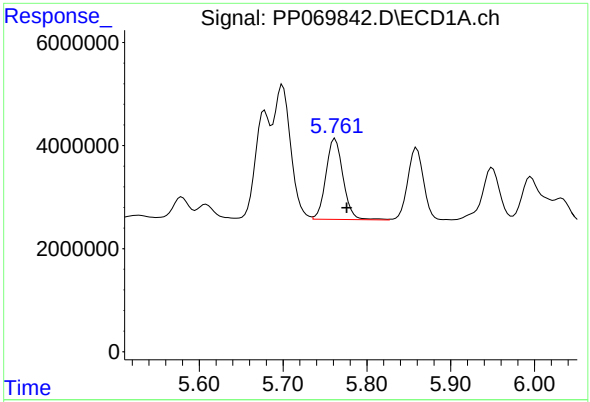
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.015 min
Response: 36701276
Conc: 540.70 ng/ml



#4 AR-1016-2

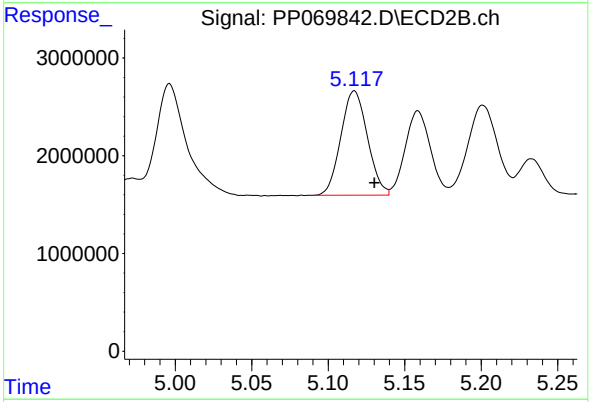
R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 22533033
Conc: 501.20 ng/ml



#5 AR-1016-3

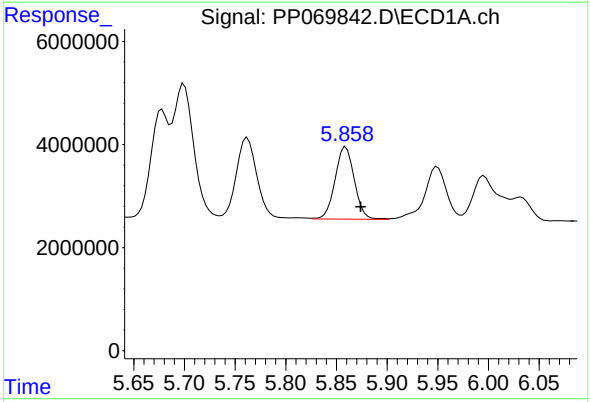
R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 22263986
Conc: 522.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



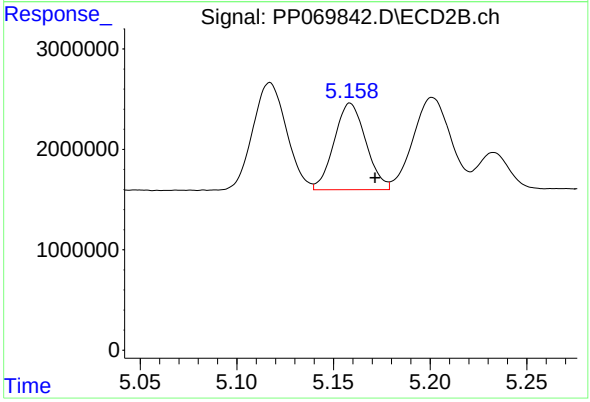
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12948707
Conc: 520.36 ng/ml



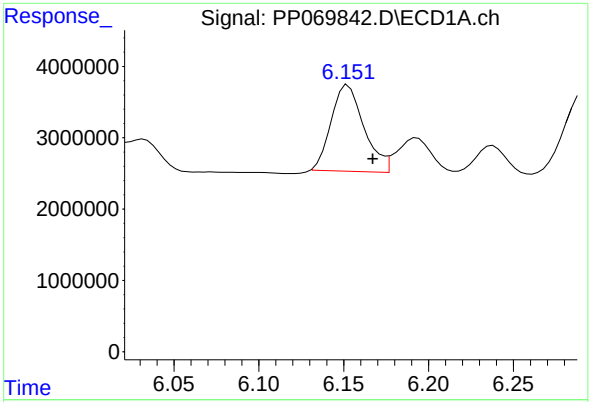
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 18532319
Conc: 529.49 ng/ml



#6 AR-1016-4

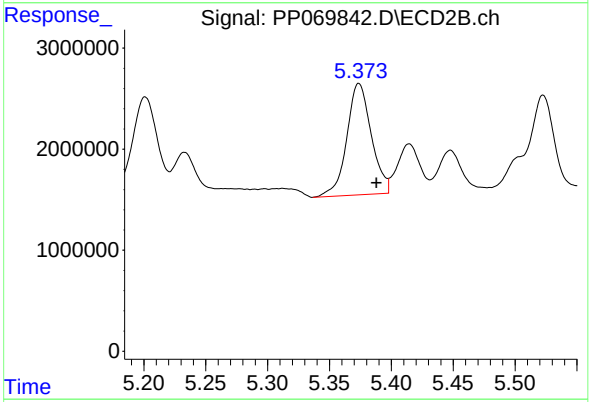
R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 9856720
Conc: 488.05 ng/ml



#7 AR-1016-5

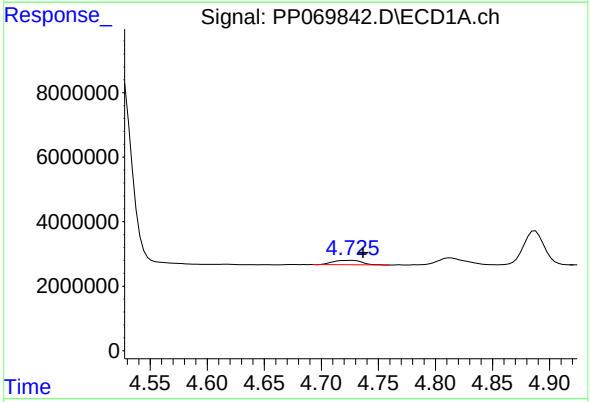
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 16258546
Conc: 491.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



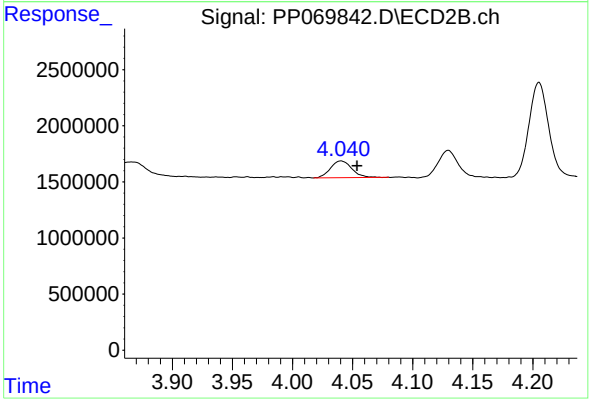
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 15209565
Conc: 567.02 ng/ml



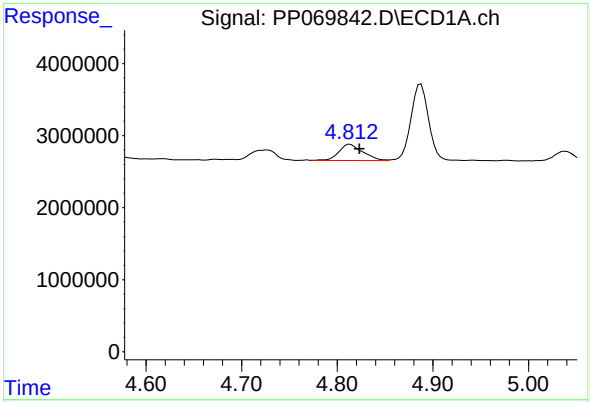
#8 AR-1221-1

R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 2416771
Conc: 127.07 ng/ml



#8 AR-1221-1

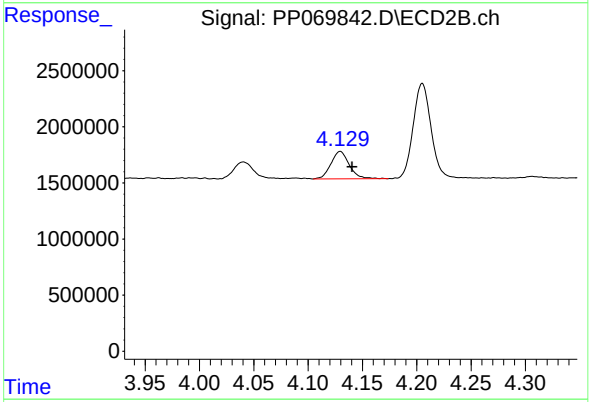
R.T.: 4.040 min
Delta R.T.: -0.013 min
Response: 1820046
Conc: 147.75 ng/ml



#9 AR-1221-2

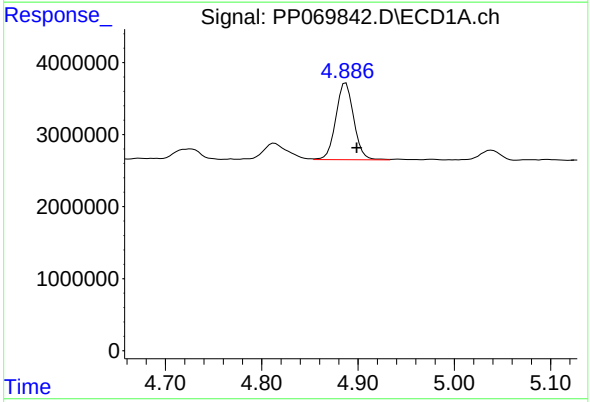
R.T.: 4.813 min
Delta R.T.: -0.010 min
Response: 3959885
Conc: 289.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



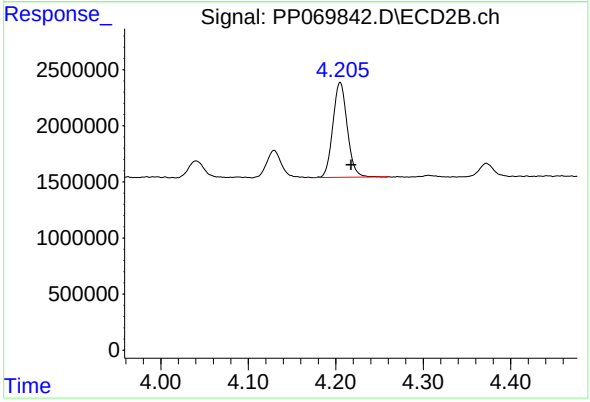
#9 AR-1221-2

R.T.: 4.130 min
Delta R.T.: -0.011 min
Response: 2873591
Conc: 296.76 ng/ml



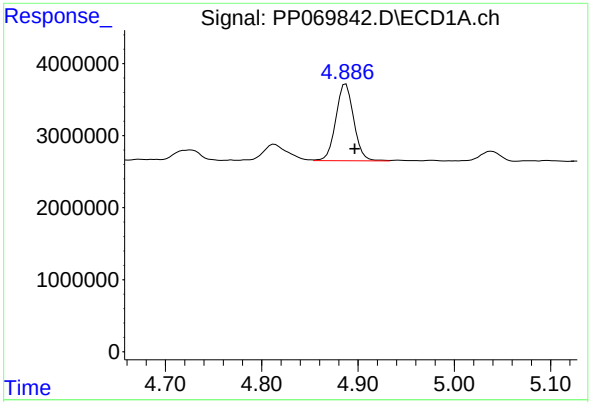
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.011 min
Response: 13765046
Conc: 328.18 ng/ml



#10 AR-1221-3

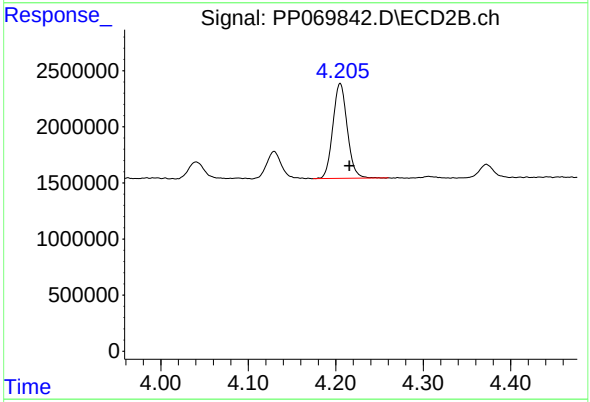
R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 9639240
Conc: 330.40 ng/ml



#11 AR-1232-1

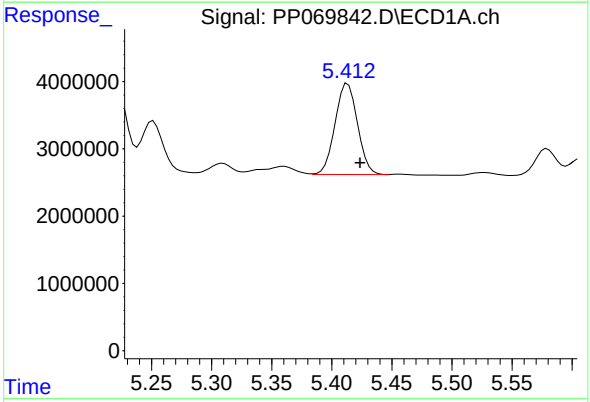
R.T.: 4.887 min
Delta R.T.: -0.009 min
Response: 13765046
Conc: 413.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



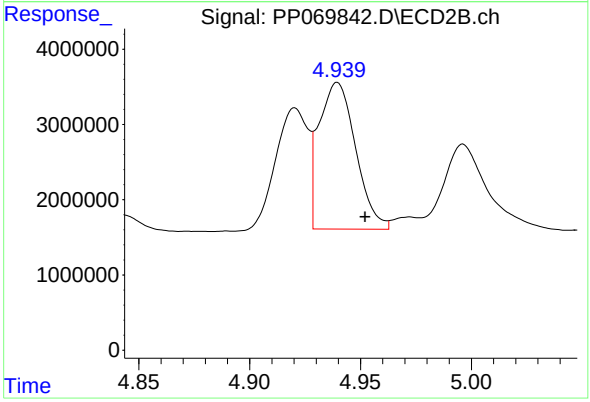
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 9639240
Conc: 410.54 ng/ml



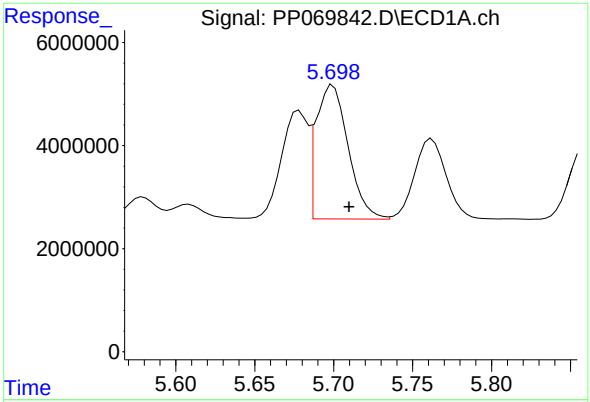
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.010 min
Response: 17590810
Conc: 1076.42 ng/ml



#12 AR-1232-2

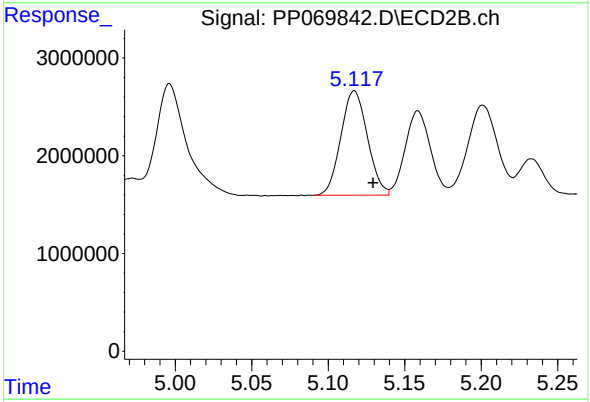
R.T.: 4.940 min
Delta R.T.: -0.012 min
Response: 22533033
Conc: 955.93 ng/ml



#13 AR-1232-3

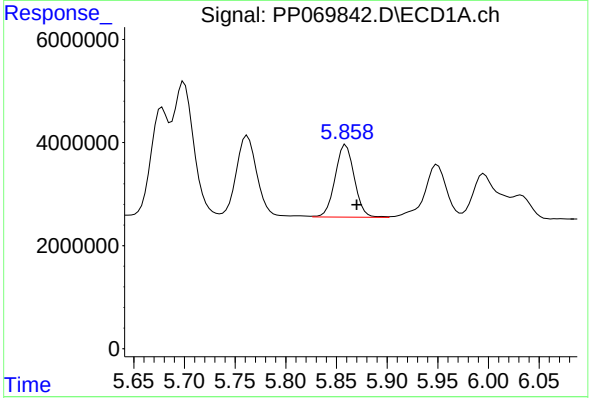
R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 36701276
Conc: 1068.17 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



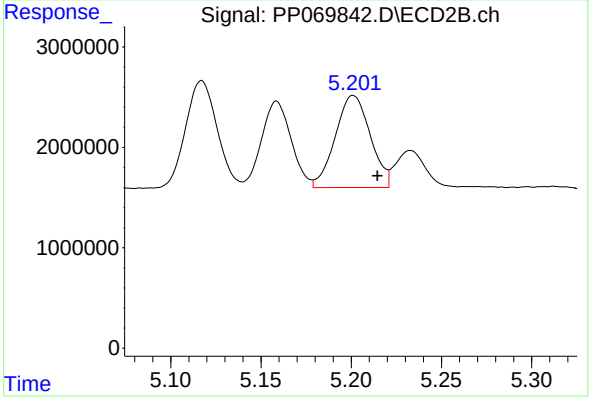
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 12948707
Conc: 1000.11 ng/ml



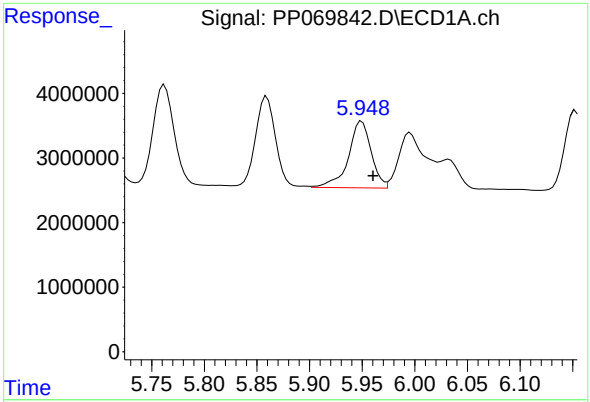
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.011 min
Response: 18532319
Conc: 1040.19 ng/ml



#14 AR-1232-4

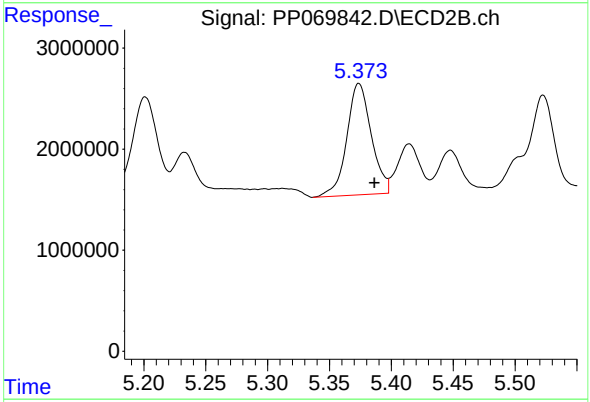
R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 12391572
Conc: 1117.74 ng/ml



#15 AR-1232-5

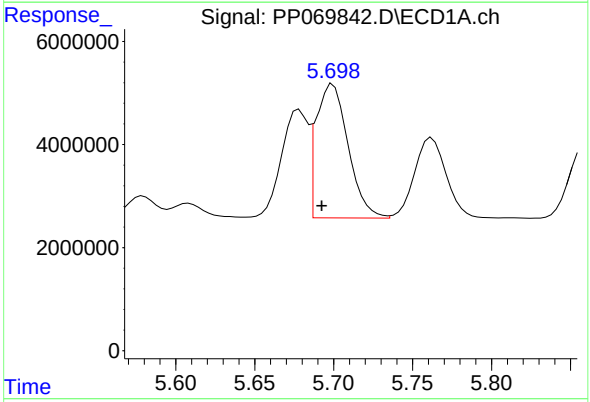
R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 15570714
Conc: 1358.41 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



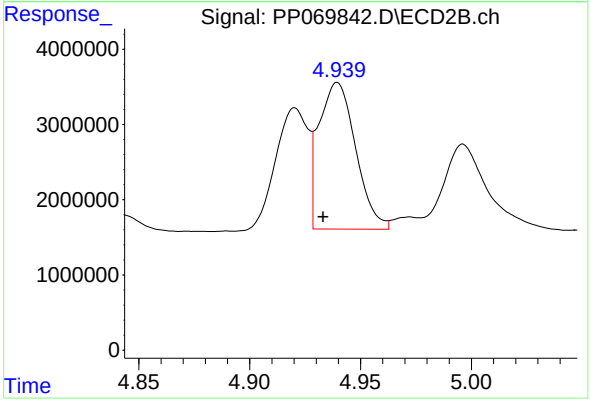
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 15209565
Conc: 1245.63 ng/ml



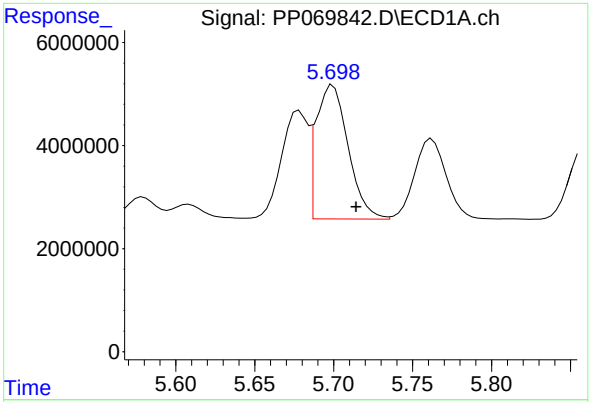
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.007 min
Response: 36701276
Conc: 880.02 ng/ml



#16 AR-1242-1

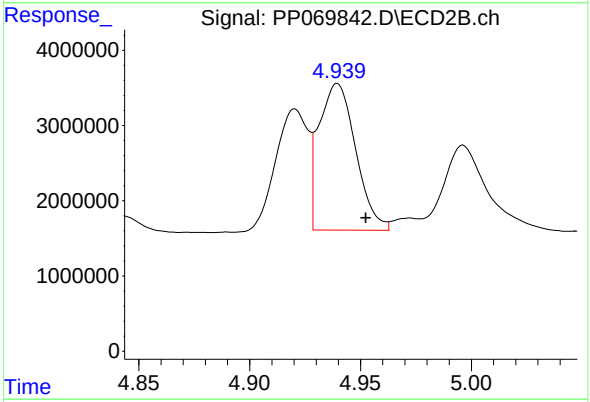
R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 22533033
Conc: 781.53 ng/ml



#17 AR-1242-2

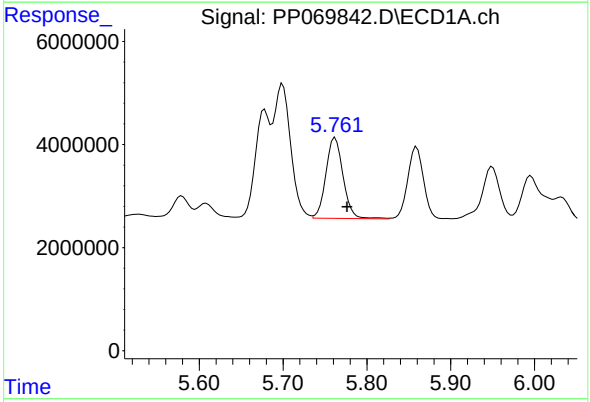
R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36701276
Conc: 622.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



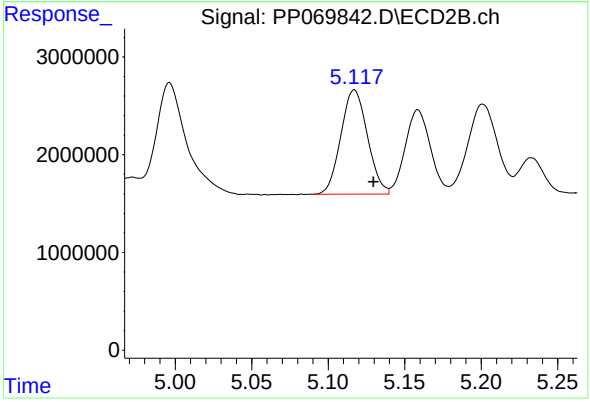
#17 AR-1242-2

R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 22533033
Conc: 571.94 ng/ml



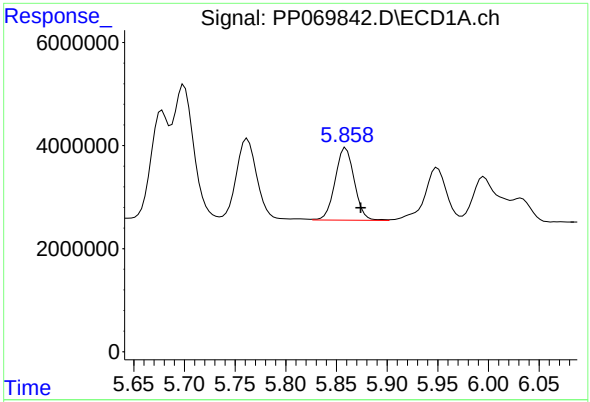
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 22263986
Conc: 600.13 ng/ml



#18 AR-1242-3

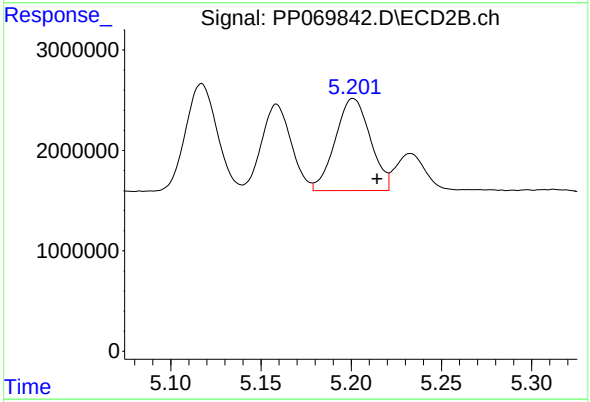
R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 12948707
Conc: 575.39 ng/ml



#19 AR-1242-4

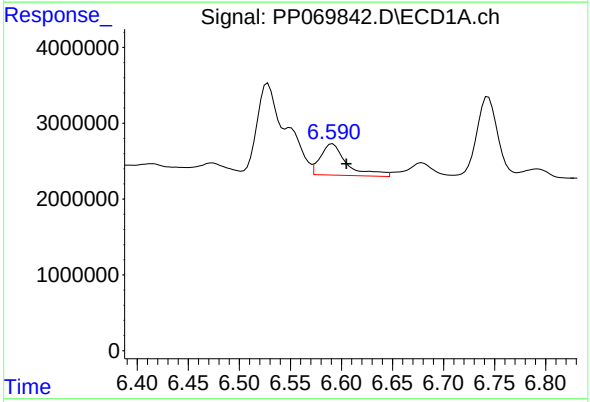
R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 18532319
Conc: 565.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



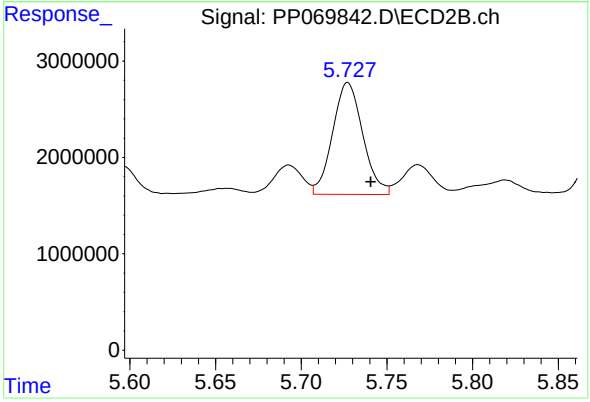
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 12391572
Conc: 574.16 ng/ml



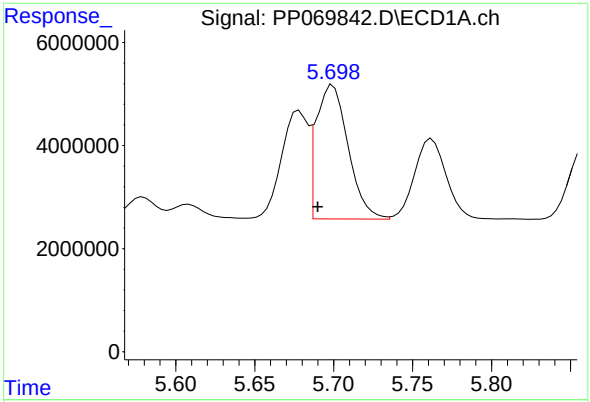
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 7470742
Conc: 229.27 ng/ml



#20 AR-1242-5

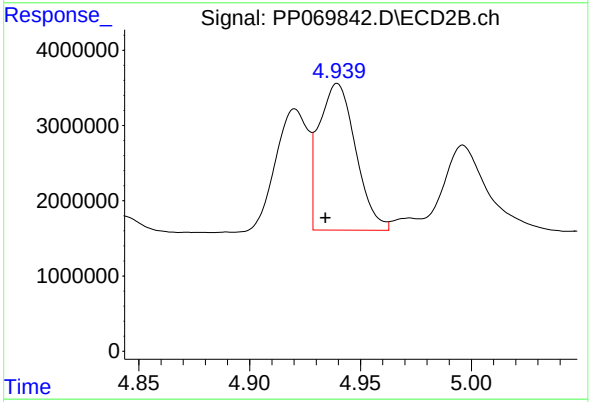
R.T.: 5.727 min
Delta R.T.: -0.013 min
Response: 14225874
Conc: 494.50 ng/ml



#21 AR-1248-1

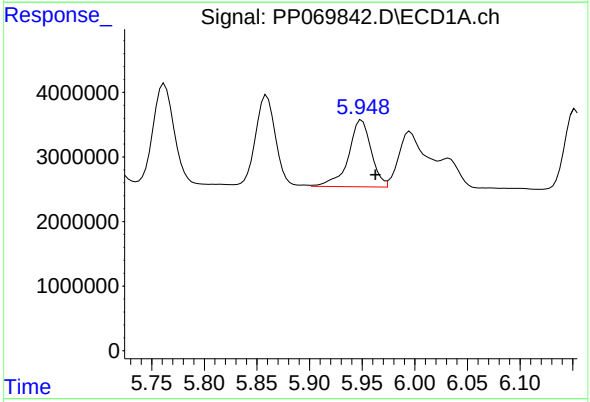
R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 36701276
Conc: 1131.39 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



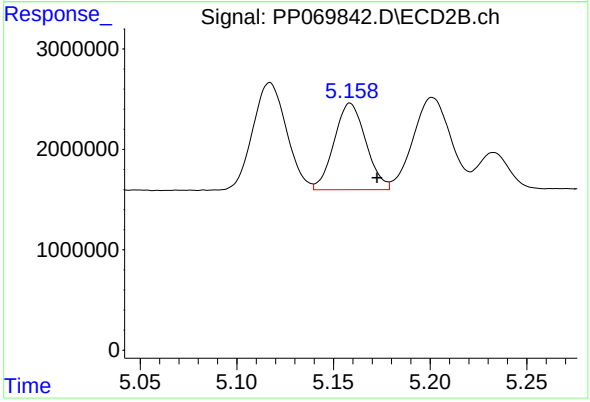
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.005 min
Response: 22533033
Conc: 1023.74 ng/ml



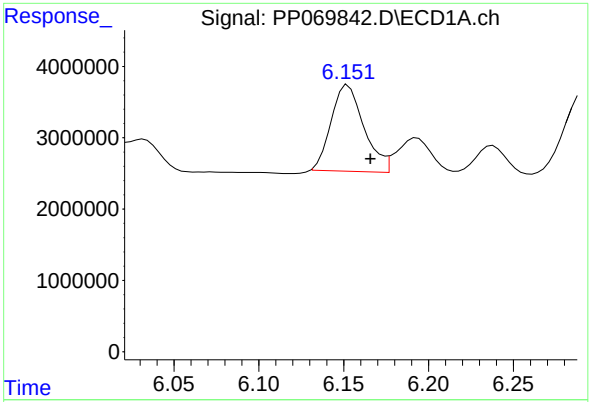
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 15570714
Conc: 366.83 ng/ml



#22 AR-1248-2

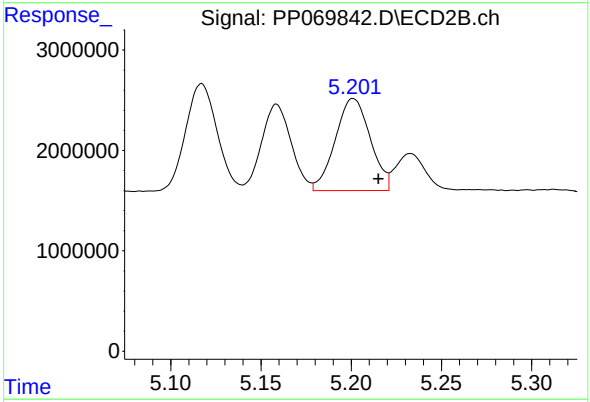
R.T.: 5.159 min
Delta R.T.: -0.014 min
Response: 9856720
Conc: 327.85 ng/ml



#23 AR-1248-3

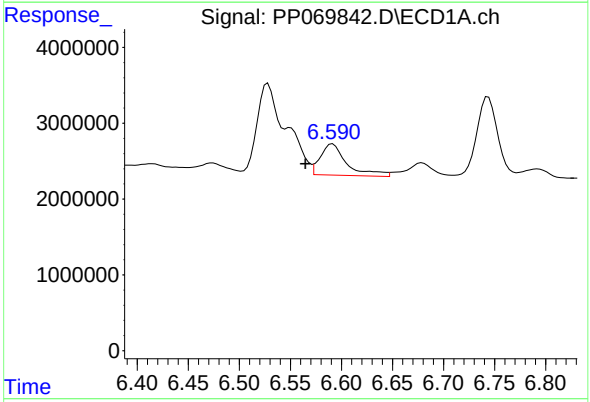
R.T.: 6.153 min
Delta R.T.: -0.013 min
Response: 16258546
Conc: 346.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



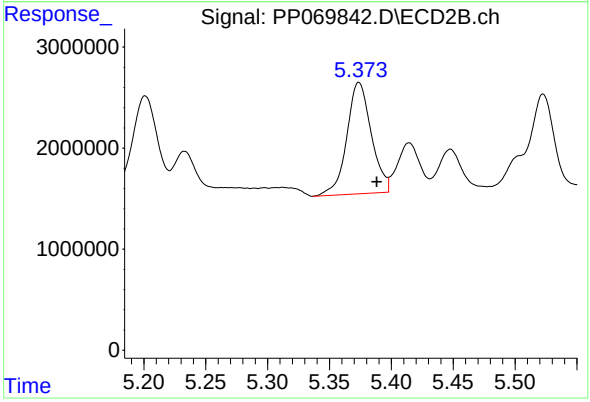
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 12391572
Conc: 399.93 ng/ml



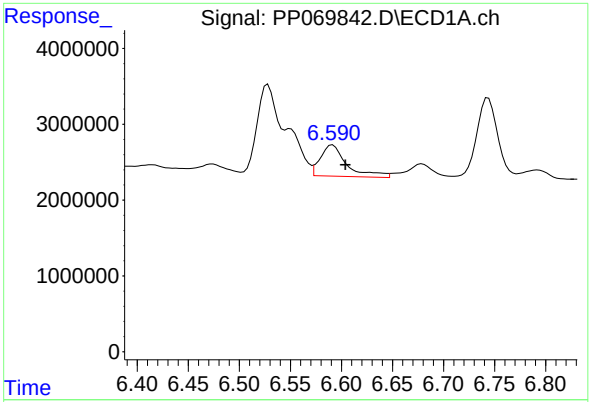
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.027 min
Response: 7470742
Conc: 135.53 ng/ml



#24 AR-1248-4

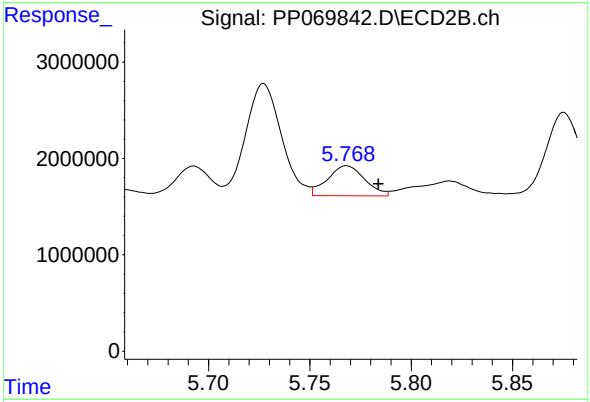
R.T.: 5.374 min
Delta R.T.: -0.015 min
Response: 15209565
Conc: 411.70 ng/ml



#25 AR-1248-5

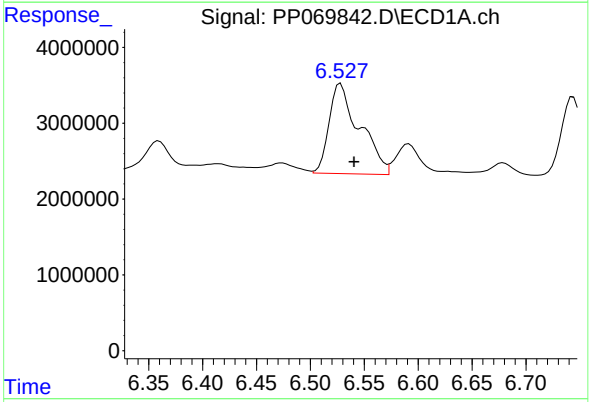
R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 7470742
Conc: 139.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



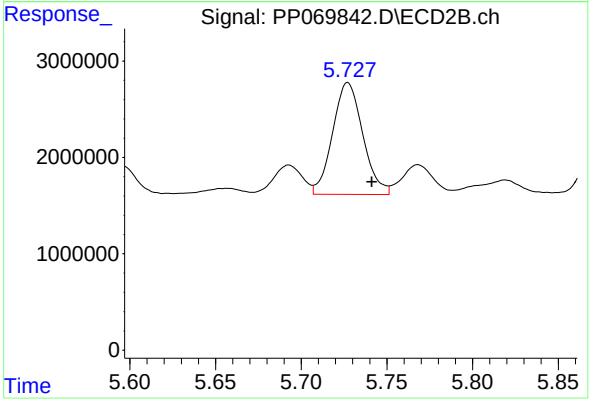
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3981415
Conc: 106.49 ng/ml



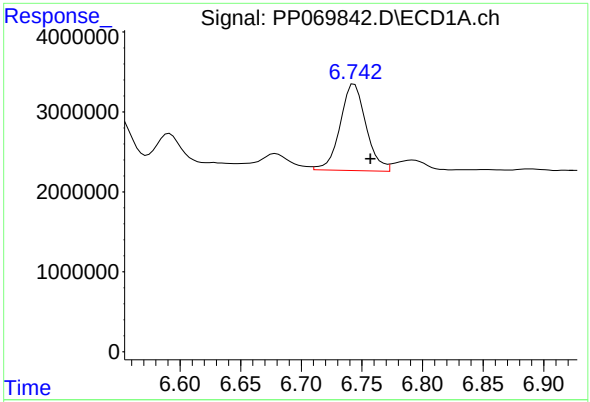
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.013 min
Response: 23414776
Conc: 404.65 ng/ml



#26 AR-1254-1

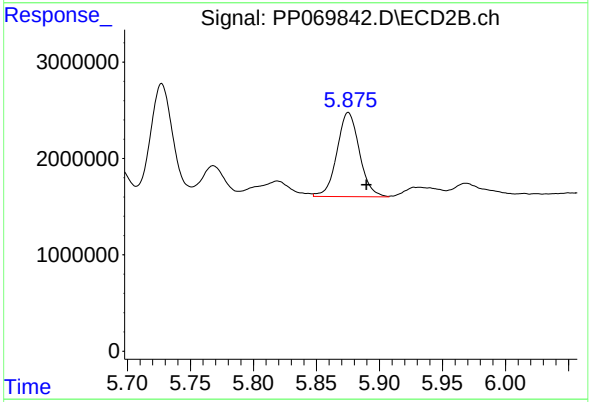
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 14225874
Conc: 258.39 ng/ml



#27 AR-1254-2

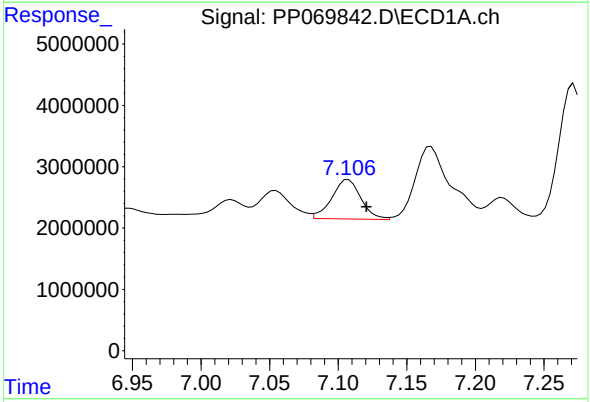
R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 16089501
Conc: 200.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



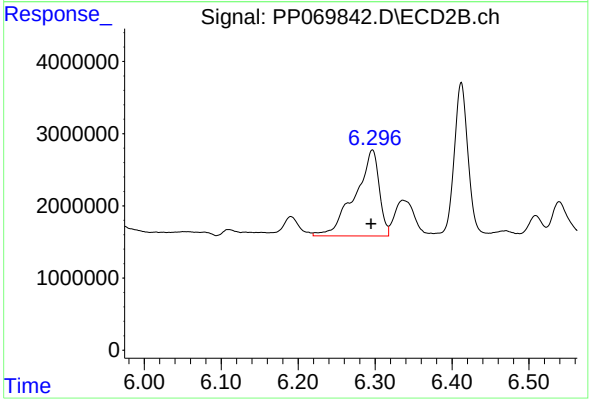
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 10820318
Conc: 223.70 ng/ml



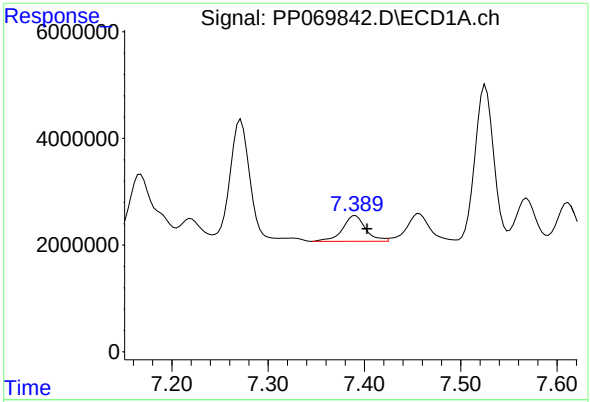
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.013 min
Response: 9529769
Conc: 113.06 ng/ml



#28 AR-1254-3

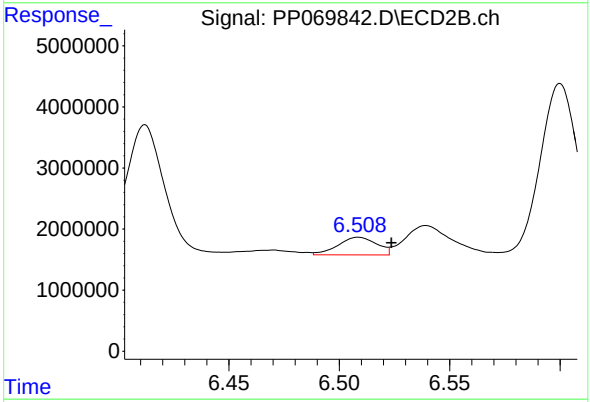
R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 26111414
Conc: 344.04 ng/ml



#29 AR-1254-4

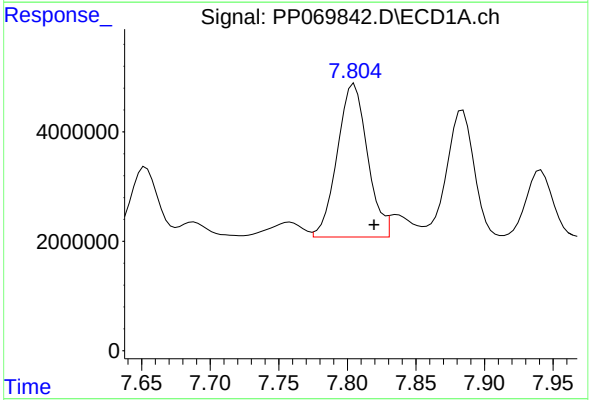
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 8032815
Conc: 117.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



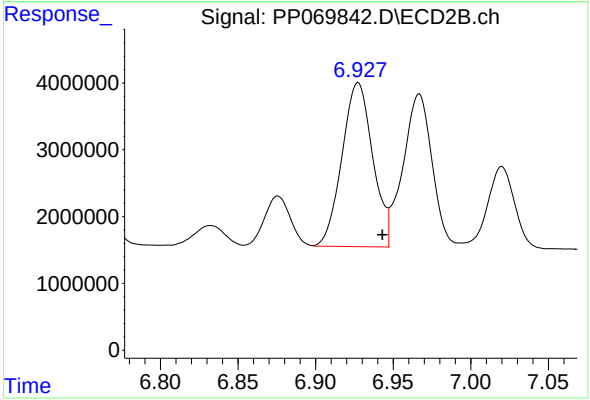
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 3533990
Conc: 68.96 ng/ml



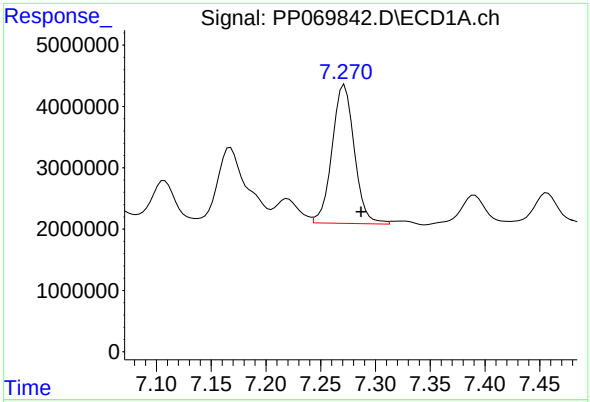
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 42941284
Conc: 631.06 ng/ml



#30 AR-1254-5

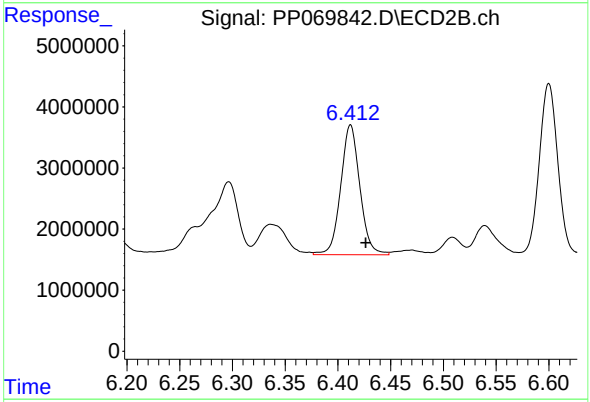
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 33837880
Conc: 508.38 ng/ml



#31 AR-1260-1

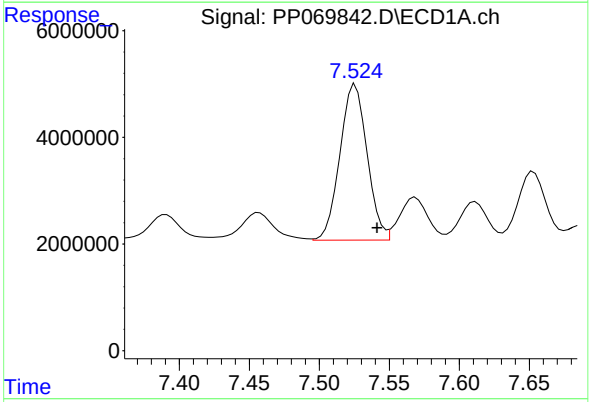
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 31967755
Conc: 547.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



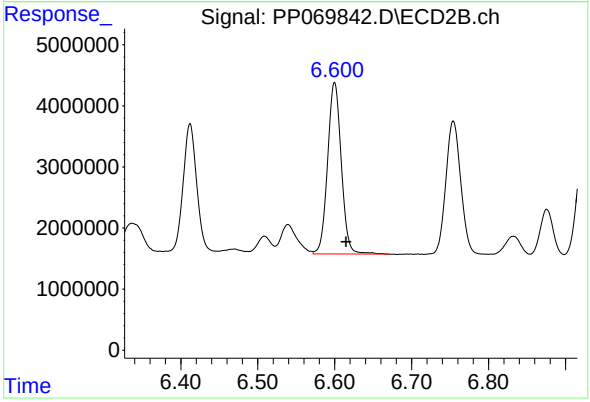
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 26876118
Conc: 557.25 ng/ml



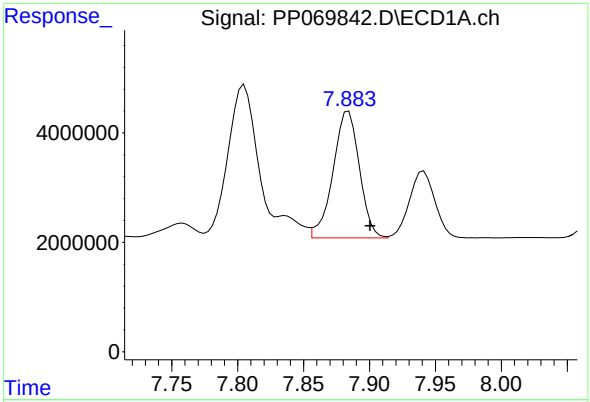
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 39499596
Conc: 507.62 ng/ml



#32 AR-1260-2

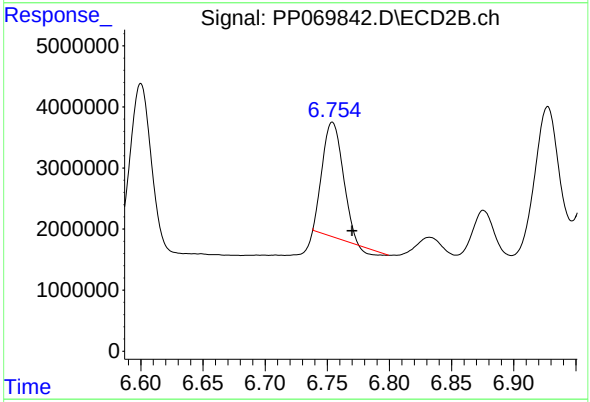
R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 34622711
Conc: 564.77 ng/ml



#33 AR-1260-3

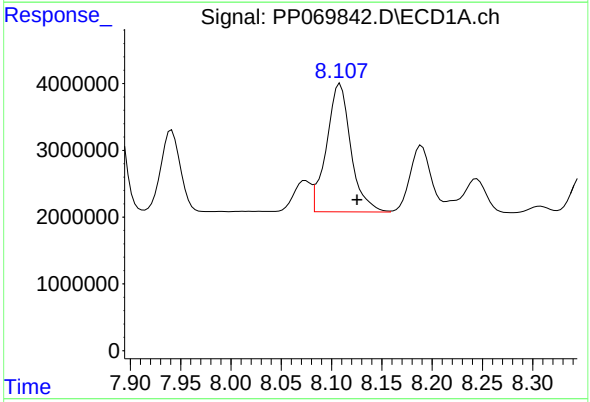
R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 32317868
Conc: 516.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



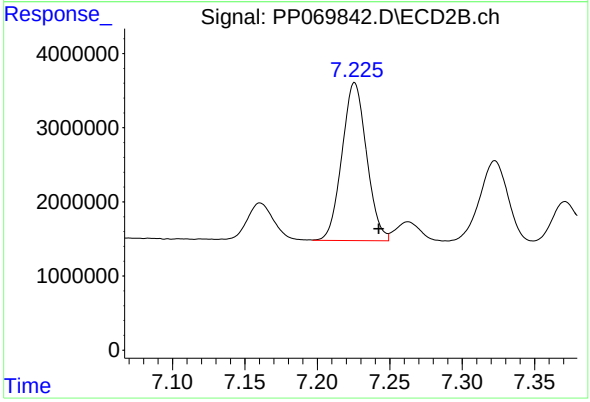
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 21011272
Conc: 349.28 ng/ml



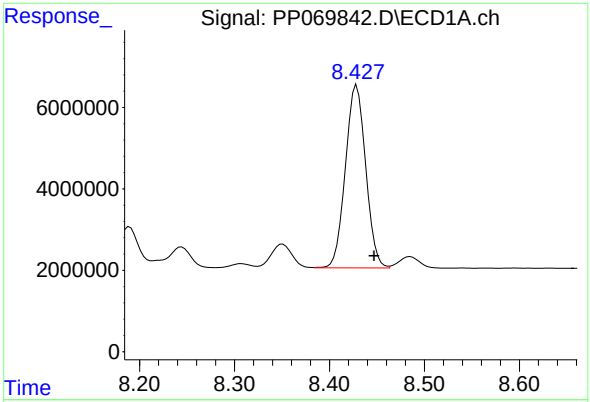
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.017 min
Response: 32188972
Conc: 487.88 ng/ml



#34 AR-1260-4

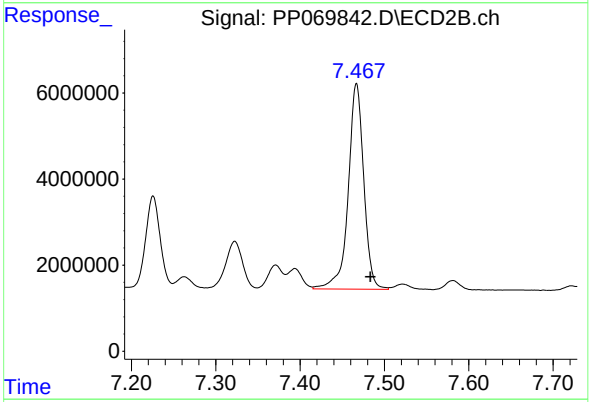
R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 25232314
Conc: 543.01 ng/ml



#35 AR-1260-5

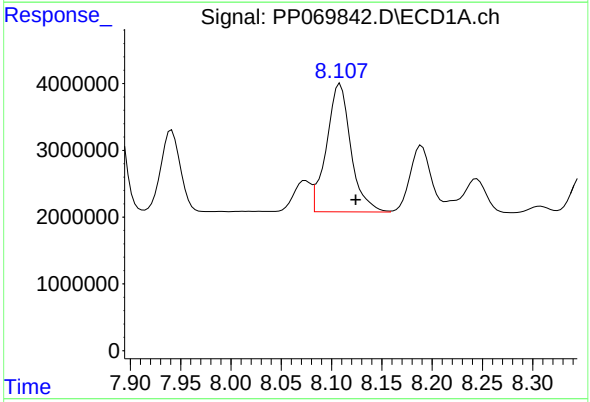
R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 66762055
Conc: 509.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



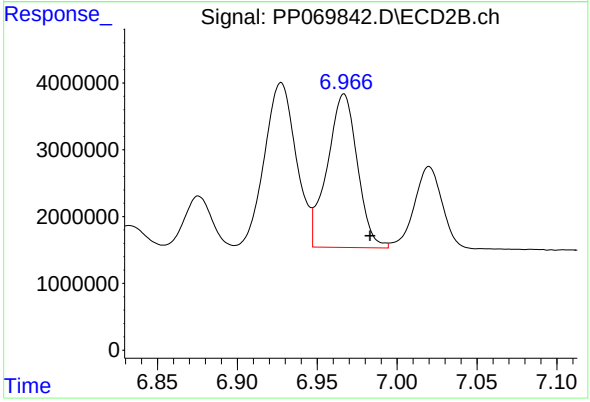
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.017 min
Response: 61138168
Conc: 550.08 ng/ml



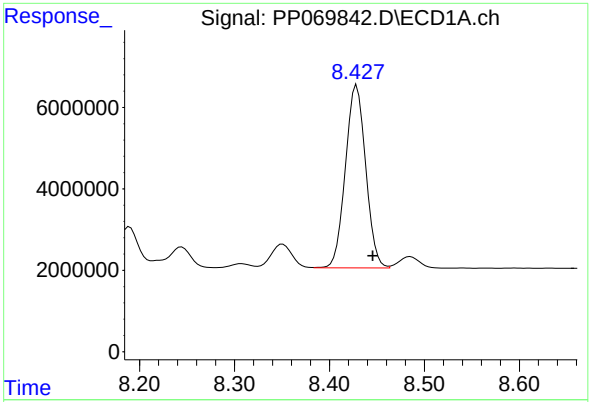
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 32188972
Conc: 407.36 ng/ml



#36 AR-1262-1

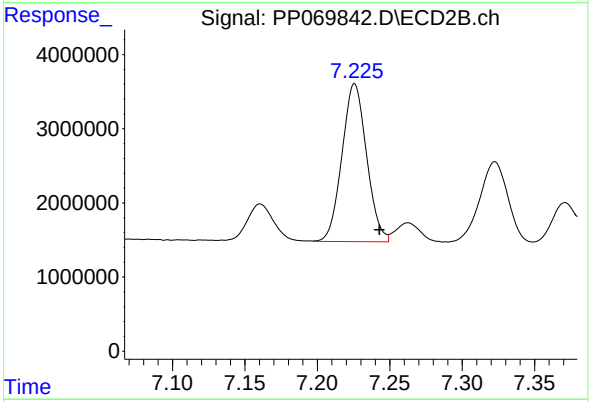
R.T.: 6.967 min
Delta R.T.: -0.016 min
Response: 30105200
Conc: 423.94 ng/ml



#37 AR-1262-2

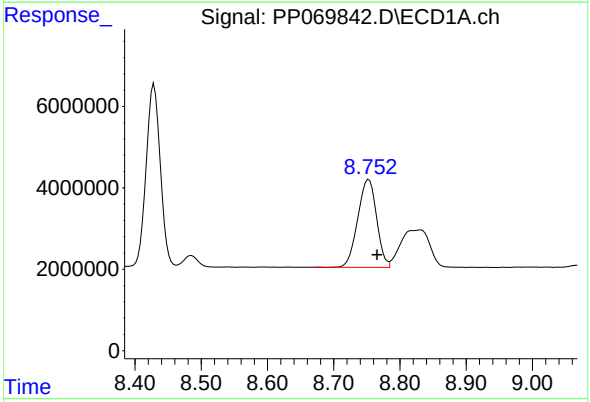
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 66762055
Conc: 436.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



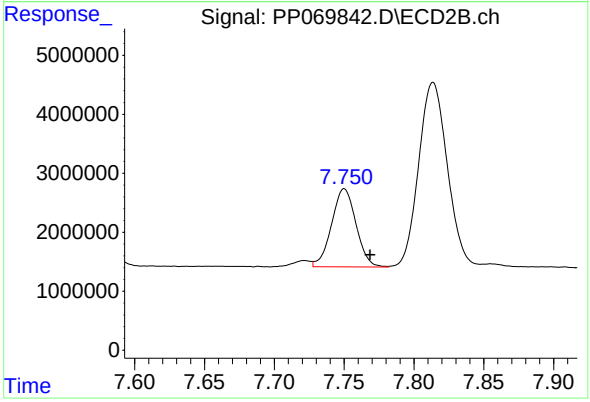
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 25232314
Conc: 413.78 ng/ml



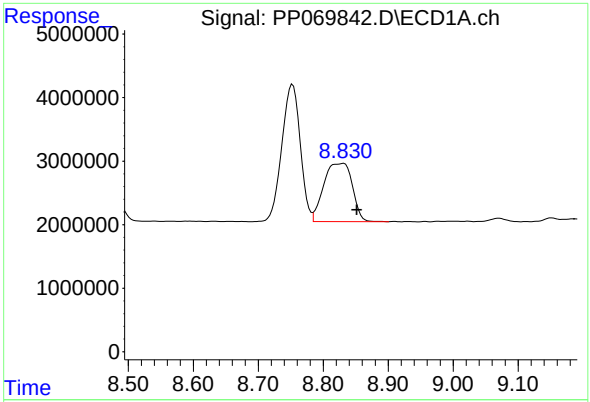
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.013 min
Response: 42578019
Conc: 400.62 ng/ml



#38 AR-1262-3

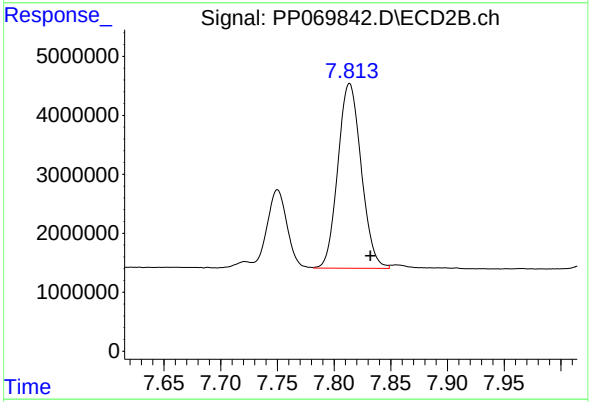
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 16156755
Conc: 308.93 ng/ml



#39 AR-1262-4

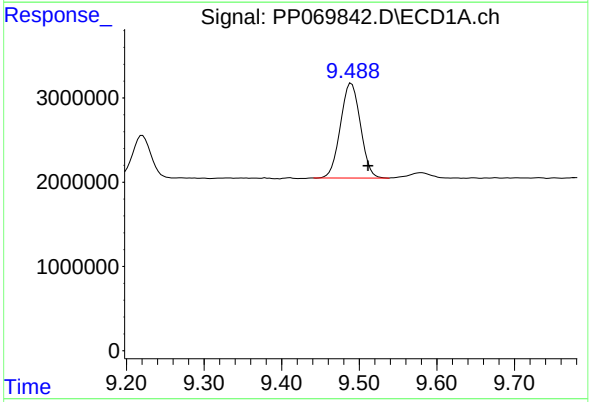
R.T.: 8.831 min
Delta R.T.: -0.020 min
Response: 28080906
Conc: 343.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



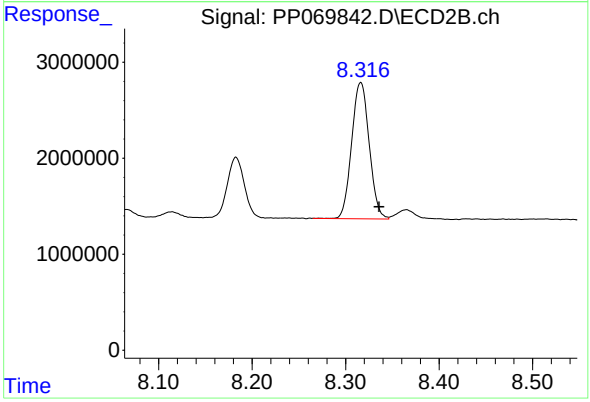
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 44915360
Conc: 485.91 ng/ml



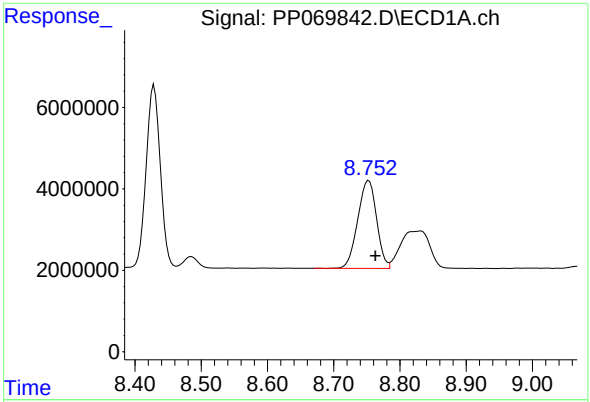
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.021 min
Response: 20191807
Conc: 356.68 ng/ml



#40 AR-1262-5

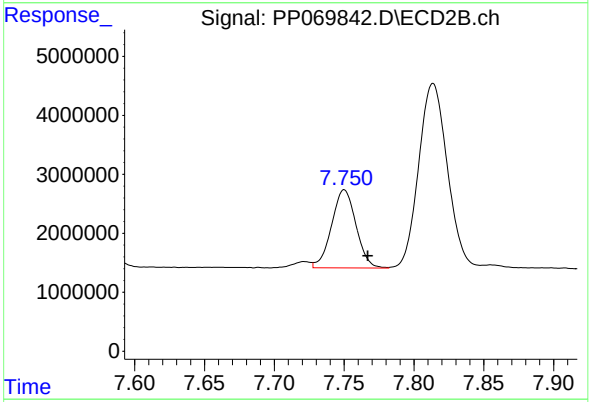
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 18562722
Conc: 388.40 ng/ml



#41 AR-1268-1

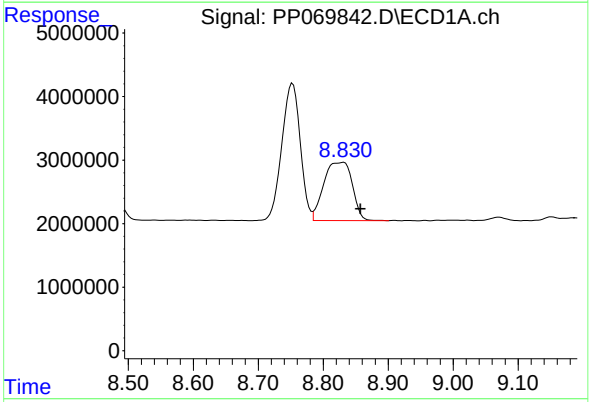
R.T.: 8.753 min
Delta R.T.: -0.010 min
Response: 42578019
Conc: 241.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



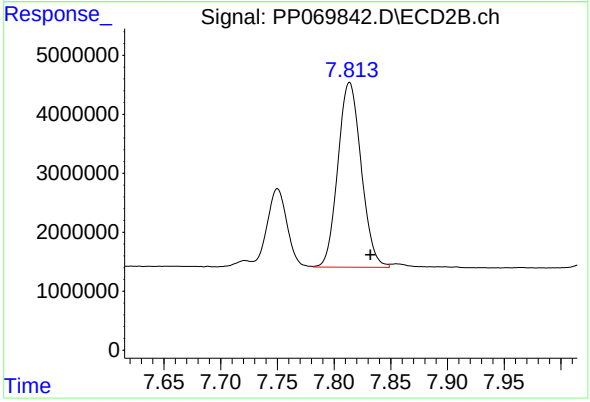
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 16156755
Conc: 111.33 ng/ml



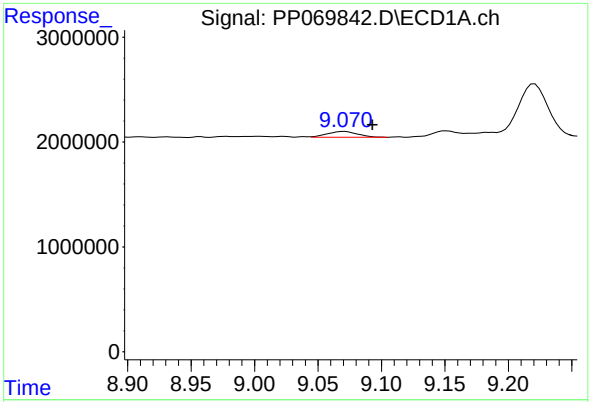
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.026 min
Response: 28080906
Conc: 178.44 ng/ml



#42 AR-1268-2

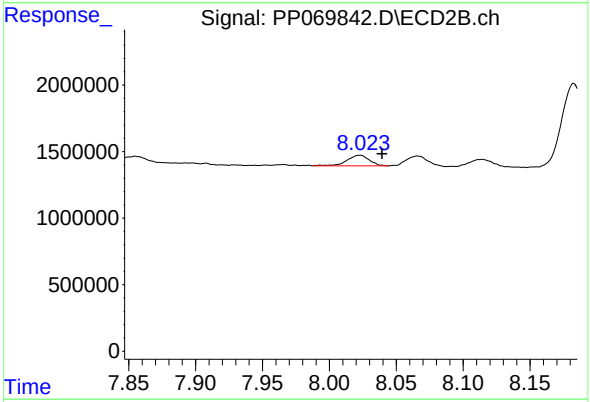
R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 44915360
Conc: 338.18 ng/ml



#43 AR-1268-3

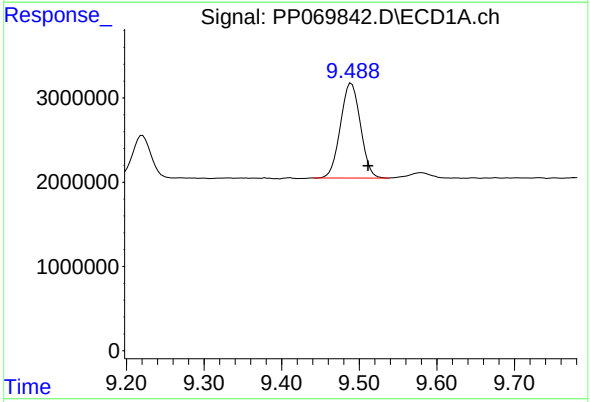
R.T.: 9.071 min
Delta R.T.: -0.022 min
Response: 918355
Conc: 6.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



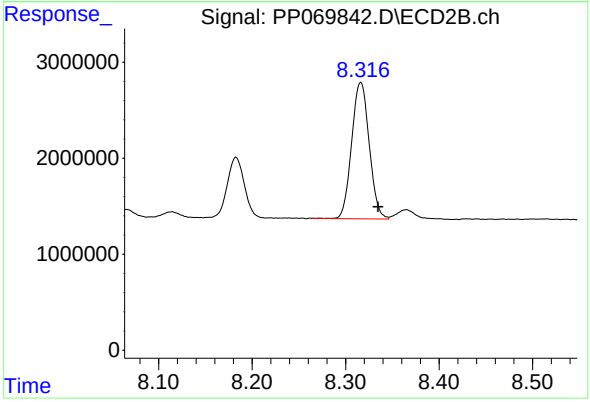
#43 AR-1268-3

R.T.: 8.023 min
Delta R.T.: -0.016 min
Response: 905173
Conc: 7.96 ng/ml



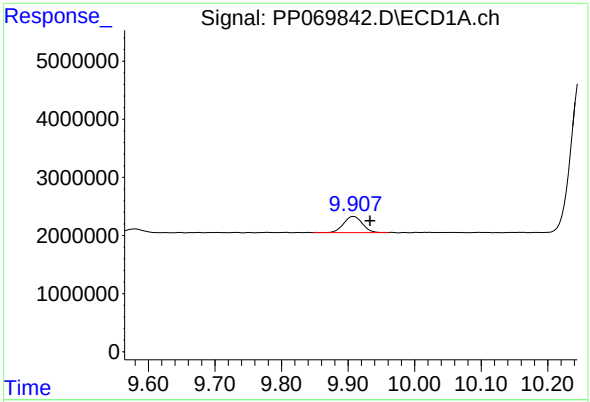
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 20191807
Conc: 343.86 ng/ml



#44 AR-1268-4

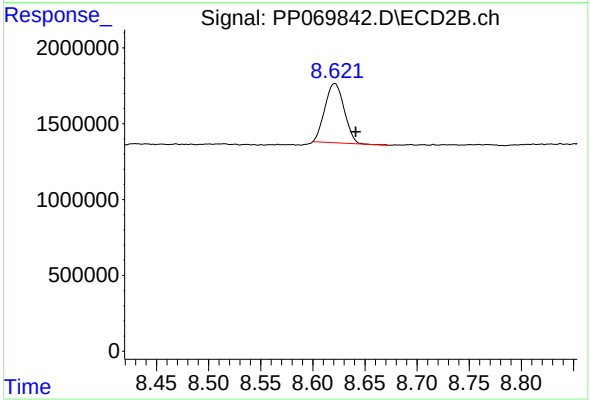
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 18562722
Conc: 356.44 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: -0.025 min
Response: 5425141
Conc: 14.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 5032352
Conc: 14.13 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:15
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:24:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	79578437	45588568	55.592	51.077	
2)	SA Decachlor...	10.253	8.889	57188403	55581016	52.327	49.693	
	Target Compounds							
3)	L1 AR-1016-1	5.703	4.941	1144435	390254	24.700	11.965	#
4)	L1 AR-1016-2	5.703	4.941	1144435	390254	16.860	8.680	#
5)	L1 AR-1016-3	0.000	5.119	0	318118	N.D.	12.784	#
6)	L1 AR-1016-4	0.000	5.159	0	10545756	N.D.	522.164	#
7)	L1 AR-1016-5	6.154	5.374	8518989	10161809	257.694	378.834	#
8)	L2 AR-1221-1	0.000	4.042	0	136736	N.D.	11.100	#
9)	L2 AR-1221-2	4.827	4.133	1098037	983571	80.193	101.573	#
10)	L2 AR-1221-3	0.000	4.205	0	442500	N.D.	15.168	#
11)	L3 AR-1232-1	4.827f	4.205	1098037	442500	32.980	18.846	#
12)	L3 AR-1232-2	0.000	4.941	0	390254	N.D.	16.556	#
13)	L3 AR-1232-3	5.703	5.119	1144435	318118	33.308	24.570	#
14)	L3 AR-1232-4	0.000	5.200	0	3622072	N.D.	326.716	#
15)	L3 AR-1232-5	5.951	5.374	15101501	10161809	1317.480	832.231	#
16)	L4 AR-1242-1	5.703	4.941	1144435	390254	27.441	13.535	#
17)	L4 AR-1242-2	5.703	4.941	1144435	390254	19.400	9.905	#
18)	L4 AR-1242-3	0.000	5.119	0	318118	N.D.	14.136	#
19)	L4 AR-1242-4	0.000	5.200	0	3622072	N.D.	167.827	#
20)	L4 AR-1242-5	6.595	5.728	13097233	29477186	401.949	1024.639	#
21)	L5 AR-1248-1	5.679	4.941	1001178	390254	30.863	17.730	#
22)	L5 AR-1248-2	5.951	5.159	15101501	10545756	355.778	350.770	
23)	L5 AR-1248-3	6.154	5.200	8518989	3622072	181.305	116.900	#
24)	L5 AR-1248-4	6.551	5.374	14211377	10161809	257.820	275.062	
25)	L5 AR-1248-5	6.595	5.768	13097233	4332390	245.341	115.872	#
26)	L6 AR-1254-1	6.530	5.728	29445049	29477186	508.869	535.406	
27)	L6 AR-1254-2	6.746	5.876	45072936	25986106	561.713	537.249	
28)	L6 AR-1254-3	7.109	6.281	44317866	41660914	525.788	548.920	
29)	L6 AR-1254-4	7.391	6.509	36606181	27932056	536.843	545.019	
30)	L6 AR-1254-5	7.808	6.928	35292531	36582017	518.656	549.606	
31)	L7 AR-1260-1	7.274	6.412	19277952	21638329	329.897	448.653	#
32)	L7 AR-1260-2	7.527	6.599	21413773	18282128	275.196	298.222	
33)	L7 AR-1260-3	7.869	6.753	5082949	12482953	81.302	207.508	#
34)	L7 AR-1260-4	8.094	7.227	14344926	1950852	217.424	41.983	#
35)	L7 AR-1260-5	8.430	7.498	5281593	1435803	40.340	12.918	#
36)	L8 AR-1262-1	8.094	6.998	14344926	2976573	181.539	41.916	#
37)	L8 AR-1262-2	8.430	7.227	5281593	1950852	34.538	31.992	
38)	L8 AR-1262-3	8.759	7.750	4296031	472025	40.422	9.025	#
39)	L8 AR-1262-4	8.803f	7.812	1443184	4686658	17.644	50.701	#
40)	L8 AR-1262-5	0.000	8.317	0	358440	N.D.	7.500	#
41)	L9 AR-1268-1	8.759	7.750	4296031	472025	24.329	3.253	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:15
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:24:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.803f	7.812	1443184	4686658	9.171	35.287 #
43) L9	AR-1268-3	0.000	8.021	0	284561	N.D.	2.502 #
44) L9	AR-1268-4	0.000	8.317	0	358440	N.D.	6.883 #
45) L9	AR-1268-5	0.000	8.622	0	321416	N.D.	0.902 #

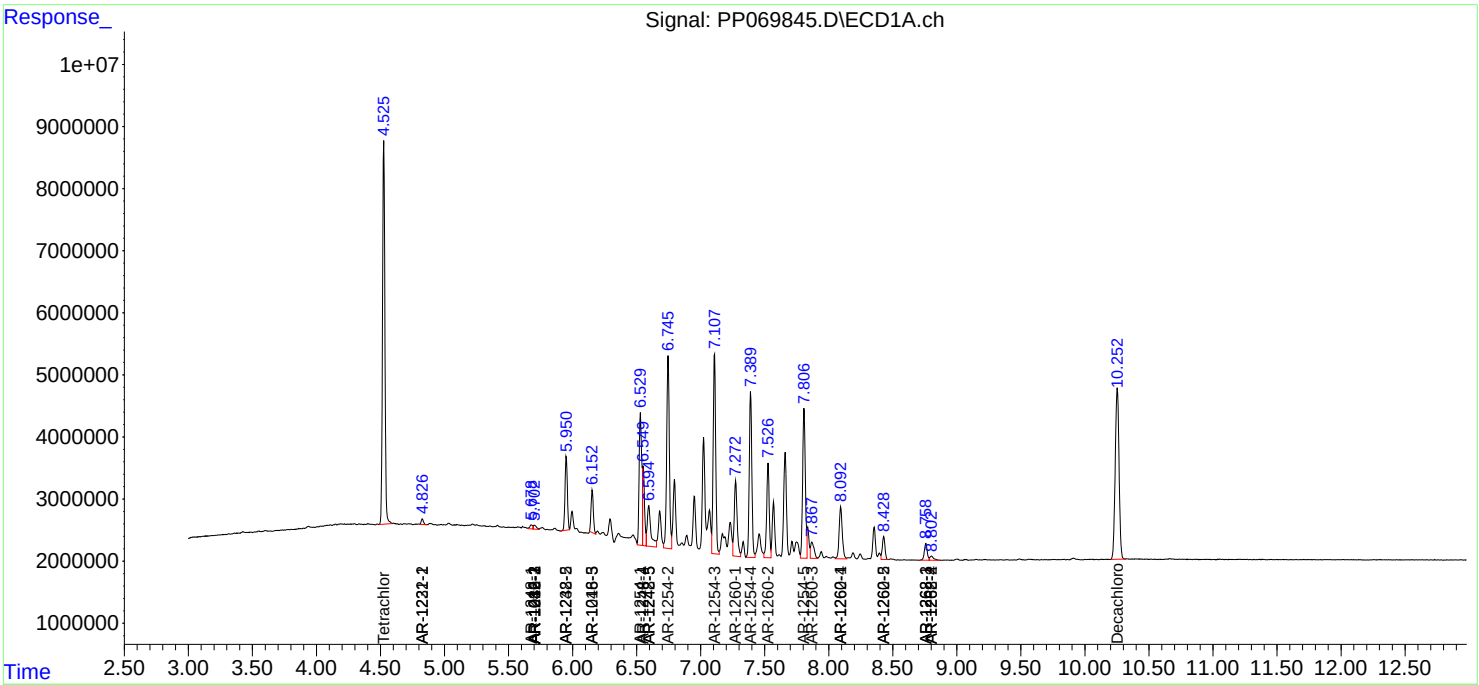
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

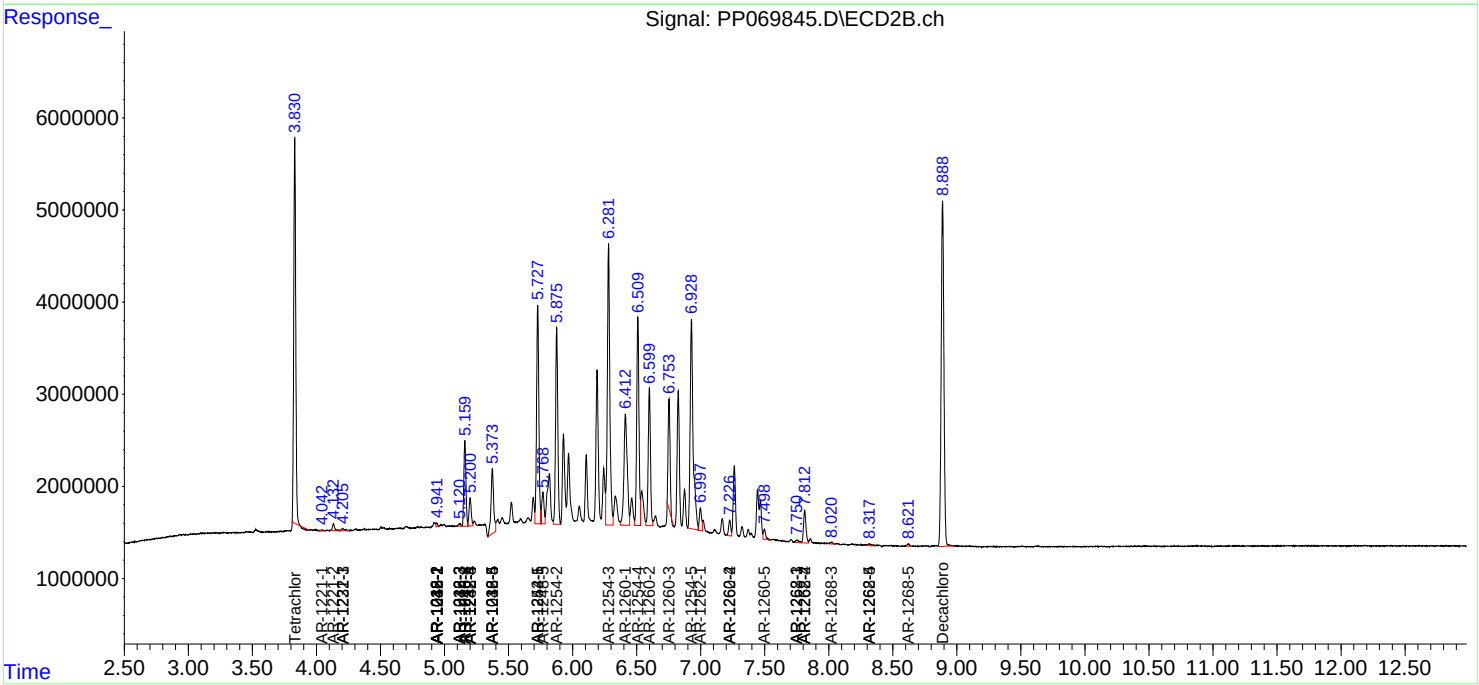
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069845.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:15
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

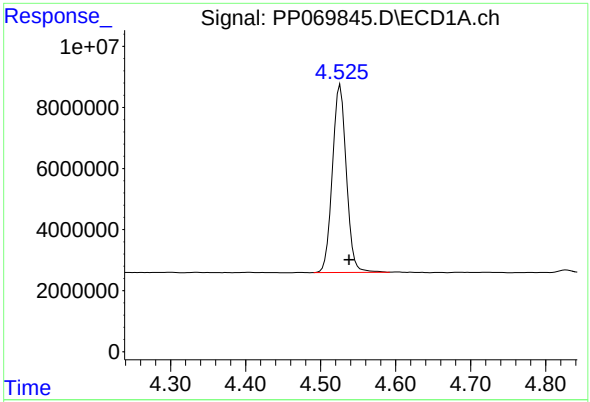
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:24:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



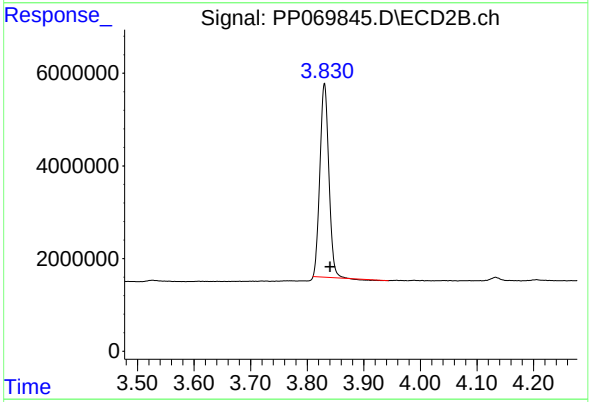




#1 Tetrachloro-m-xylene

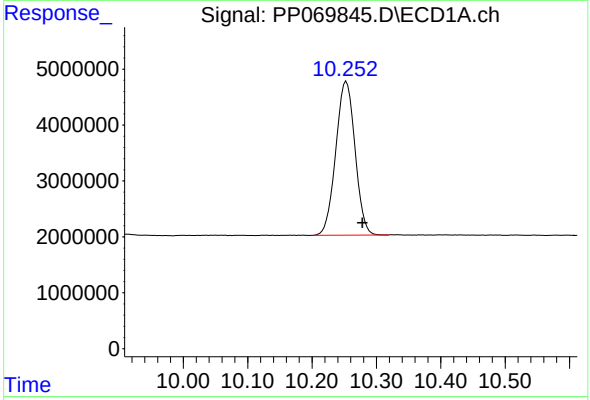
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 79578437
Conc: 55.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



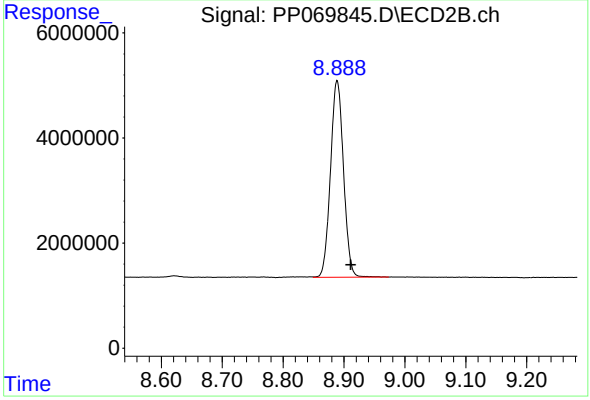
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 45588568
Conc: 51.08 ng/ml



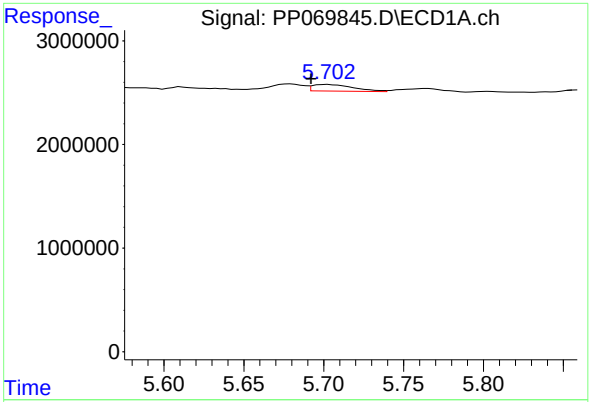
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 57188403
Conc: 52.33 ng/ml



#2 Decachlorobiphenyl

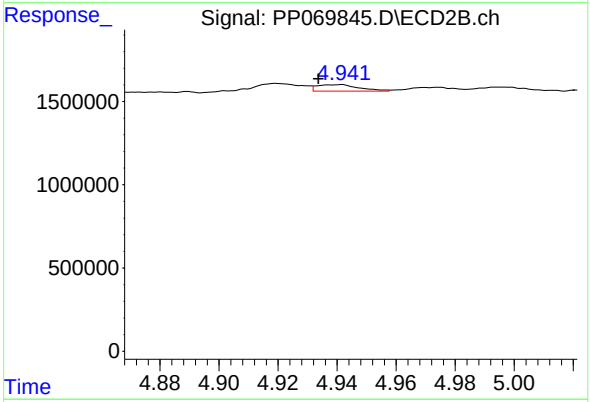
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 55581016
Conc: 49.69 ng/ml



#3 AR-1016-1

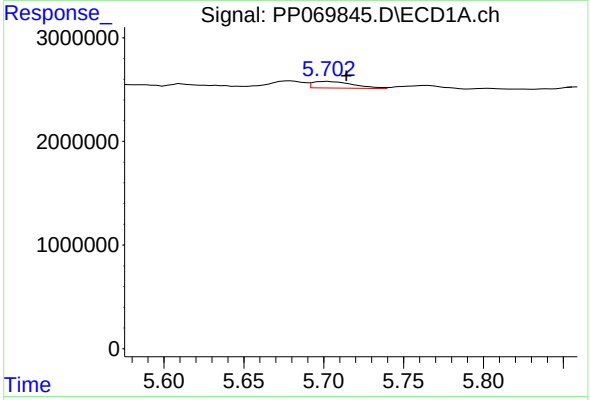
R.T.: 5.703 min
Delta R.T.: 0.011 min
Response: 1144435
Conc: 24.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



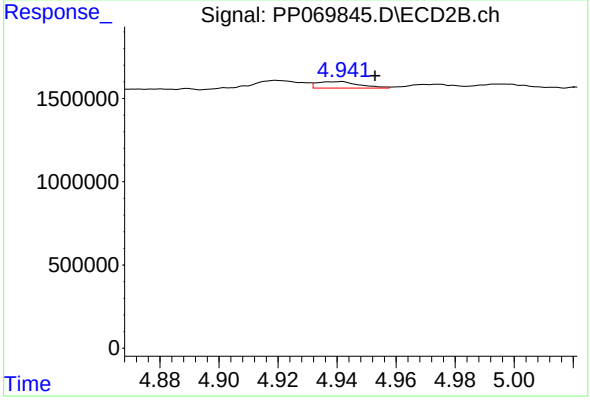
#3 AR-1016-1

R.T.: 4.941 min
Delta R.T.: 0.007 min
Response: 390254
Conc: 11.97 ng/ml



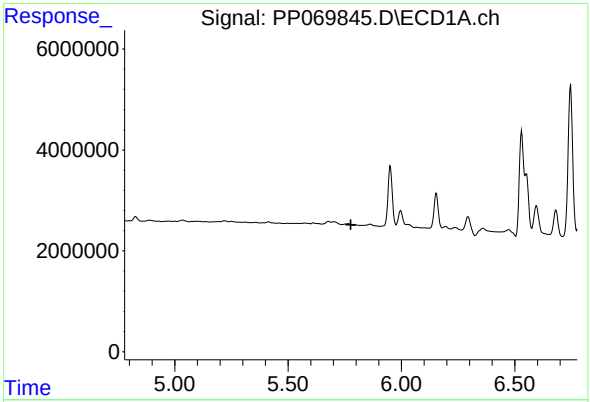
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 1144435
Conc: 16.86 ng/ml



#4 AR-1016-2

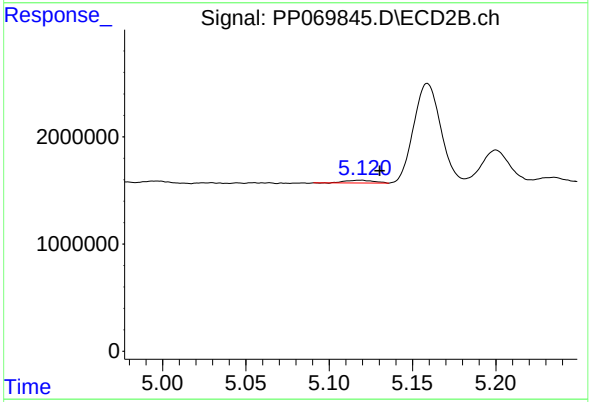
R.T.: 4.941 min
Delta R.T.: -0.012 min
Response: 390254
Conc: 8.68 ng/ml



#5 AR-1016-3

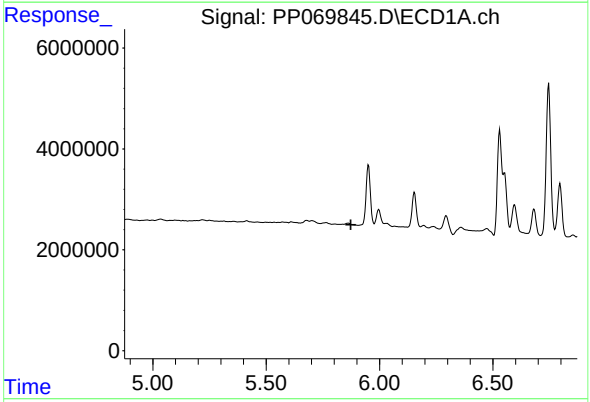
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



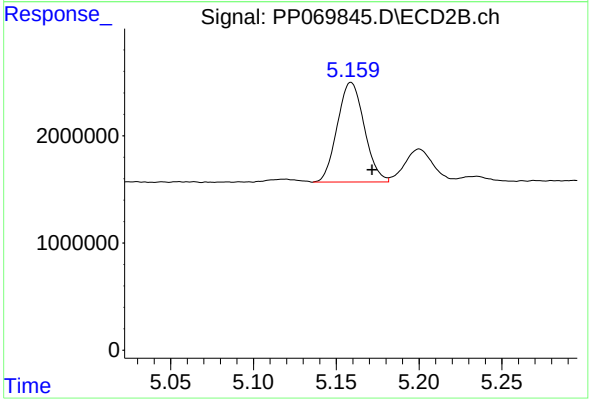
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 318118
Conc: 12.78 ng/ml



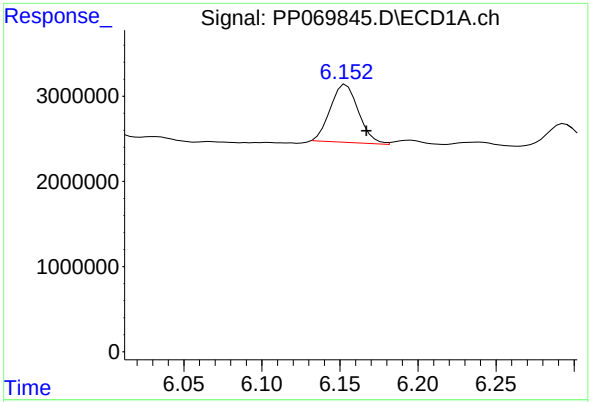
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

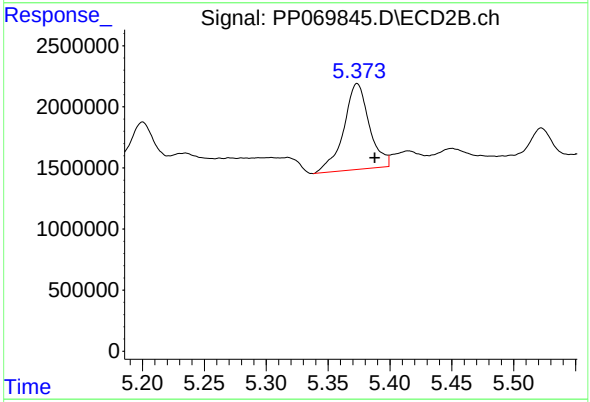
R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 10545756
Conc: 522.16 ng/ml



#7 AR-1016-5

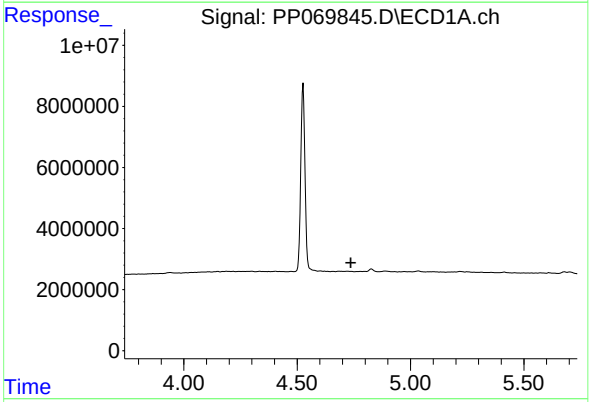
R.T.: 6.154 min
Delta R.T.: -0.013 min
Response: 8518989
Conc: 257.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



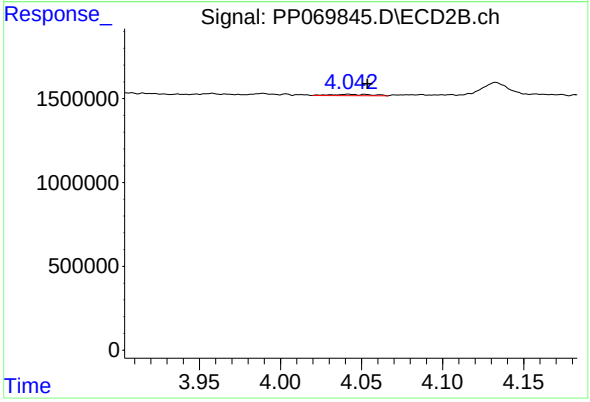
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 10161809
Conc: 378.83 ng/ml



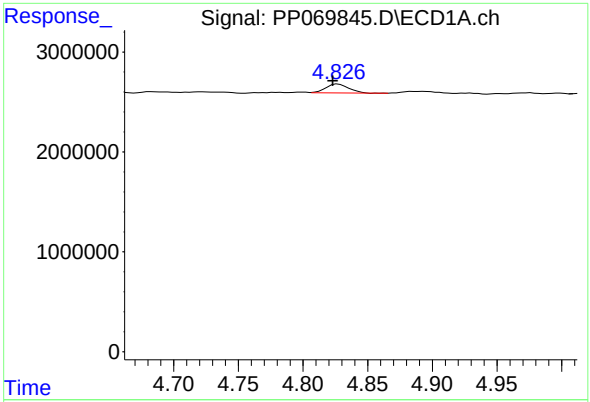
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

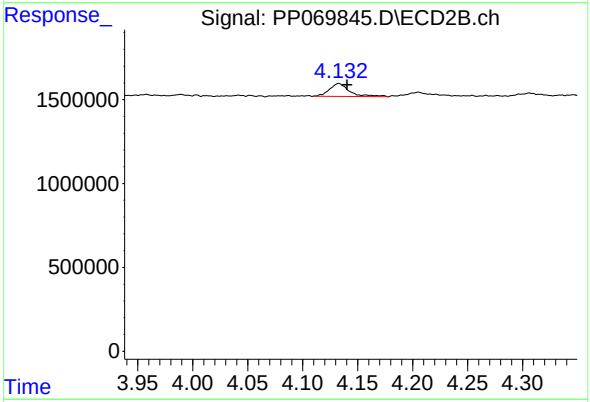
R.T.: 4.042 min
Delta R.T.: -0.012 min
Response: 136736
Conc: 11.10 ng/ml



#9 AR-1221-2

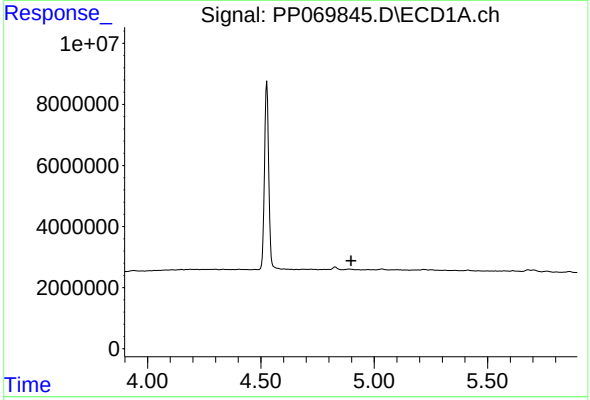
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 1098037
Conc: 80.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



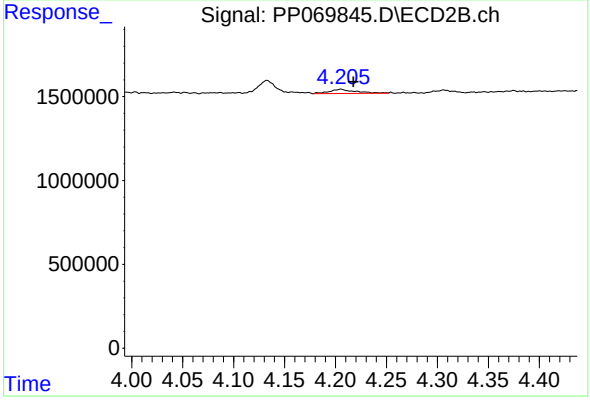
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 983571
Conc: 101.57 ng/ml



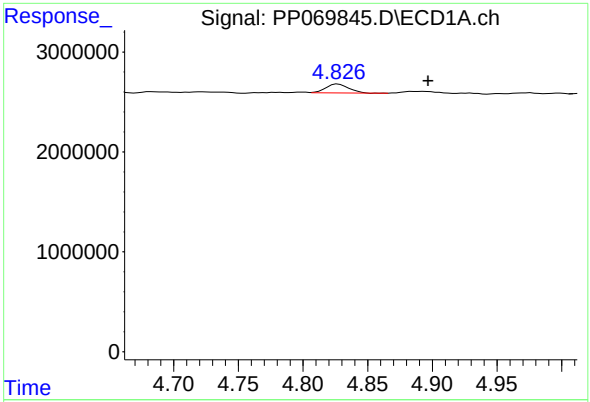
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

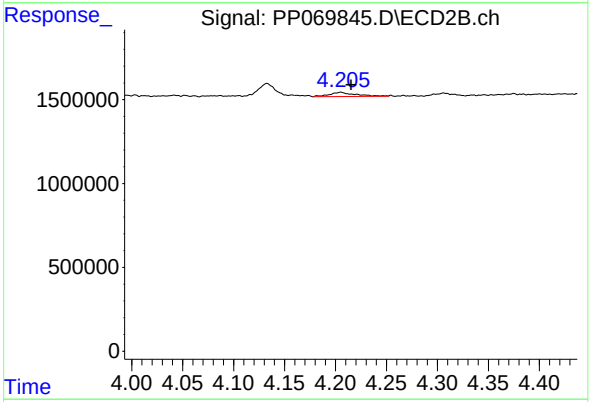
R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 442500
Conc: 15.17 ng/ml



#11 AR-1232-1

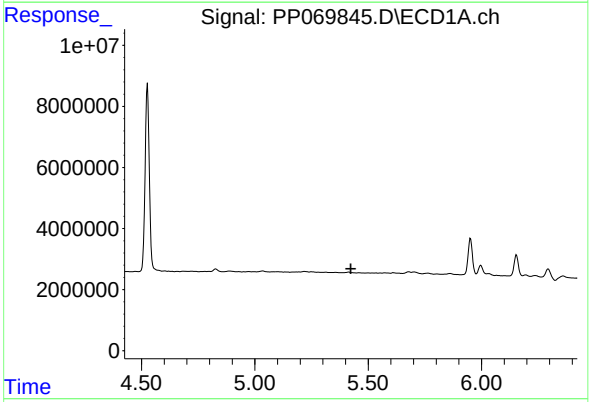
R.T.: 4.827 min
Delta R.T.: -0.070 min
Response: 1098037
Conc: 32.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



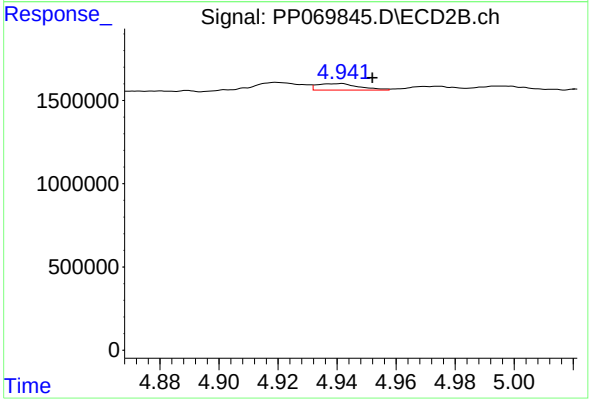
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 442500
Conc: 18.85 ng/ml



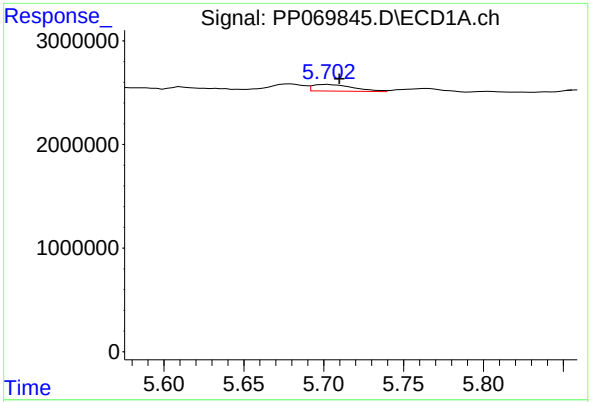
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

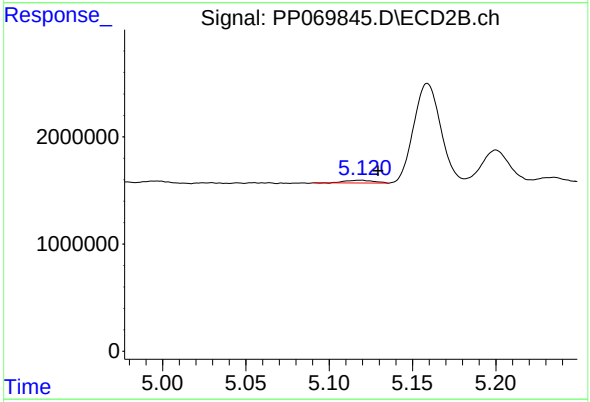
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 390254
Conc: 16.56 ng/ml



#13 AR-1232-3

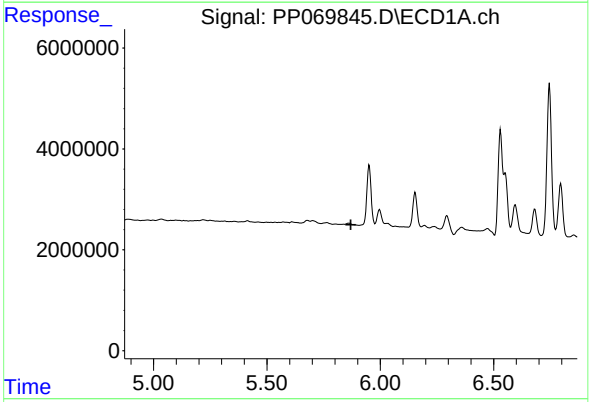
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 1144435
Conc: 33.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



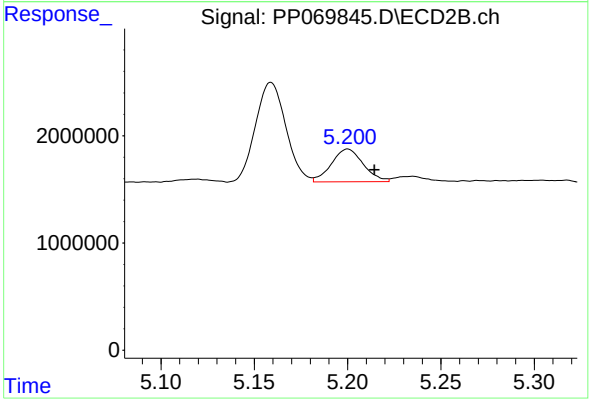
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 318118
Conc: 24.57 ng/ml



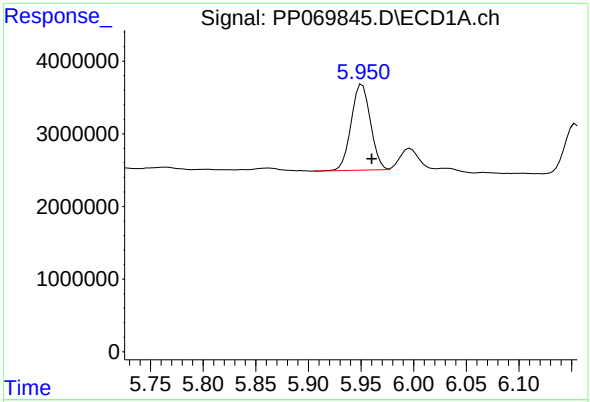
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

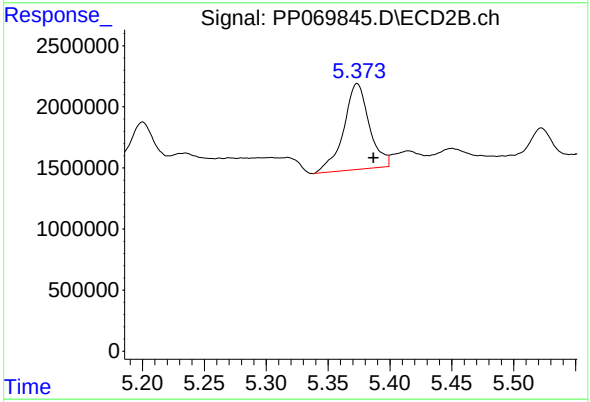
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 3622072
Conc: 326.72 ng/ml



#15 AR-1232-5

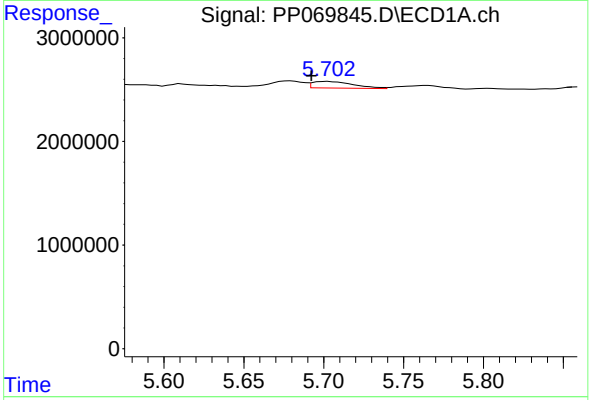
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 15101501
Conc: 1317.48 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



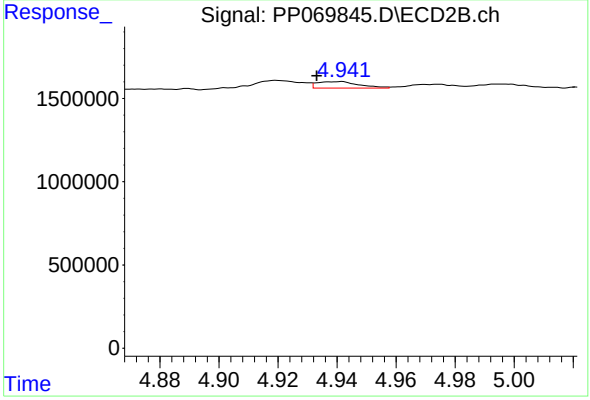
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 10161809
Conc: 832.23 ng/ml



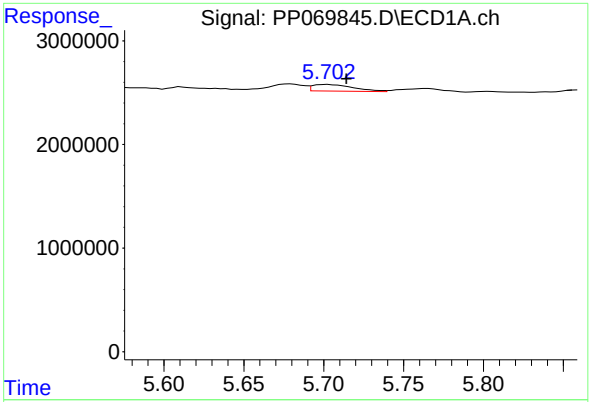
#16 AR-1242-1

R.T.: 5.703 min
Delta R.T.: 0.011 min
Response: 1144435
Conc: 27.44 ng/ml



#16 AR-1242-1

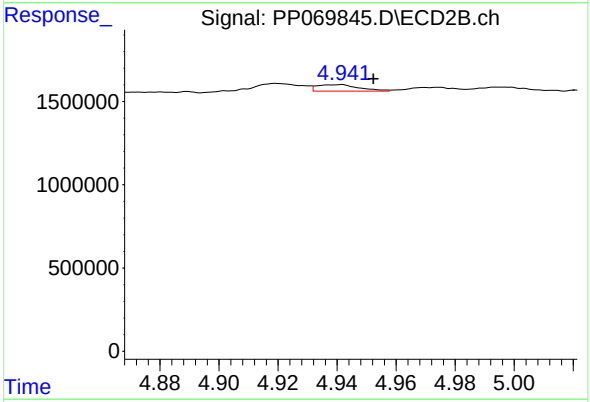
R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 390254
Conc: 13.54 ng/ml



#17 AR-1242-2

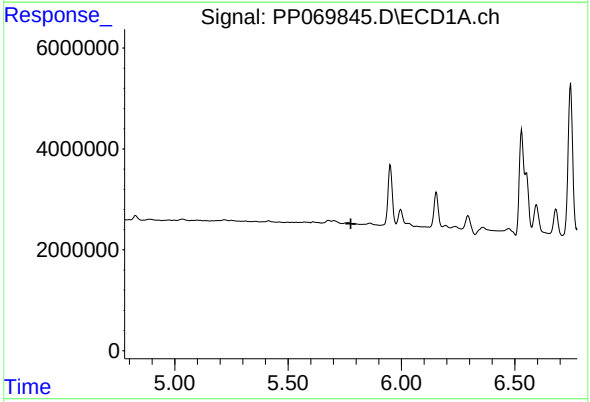
R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 1144435
Conc: 19.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



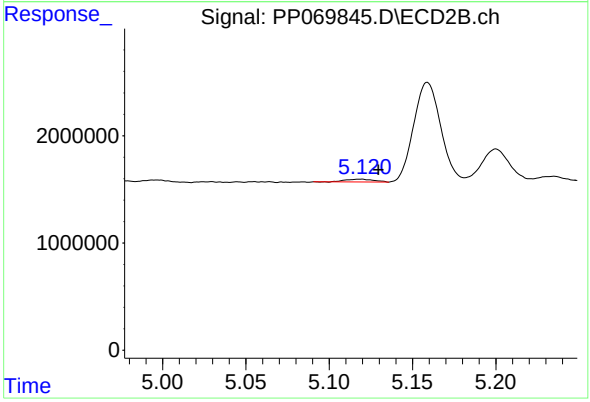
#17 AR-1242-2

R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 390254
Conc: 9.91 ng/ml



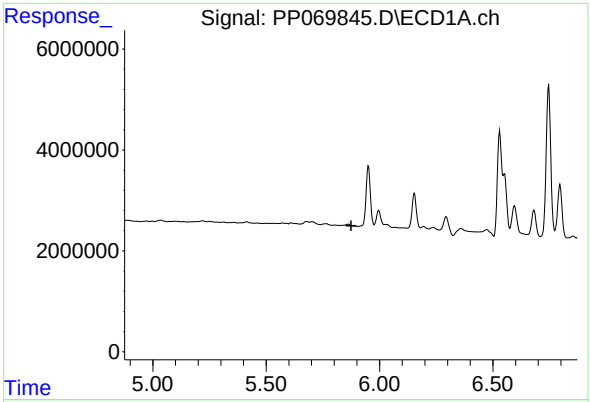
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

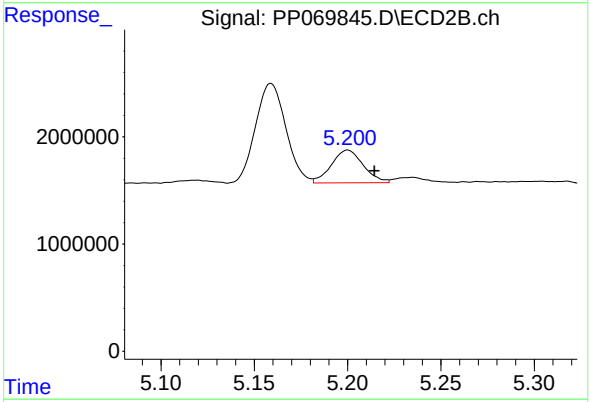
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 318118
Conc: 14.14 ng/ml



#19 AR-1242-4

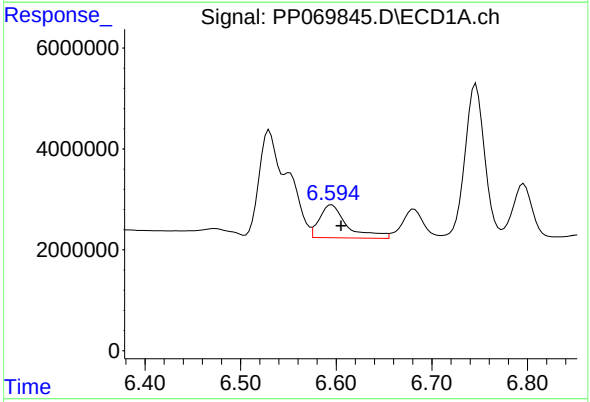
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



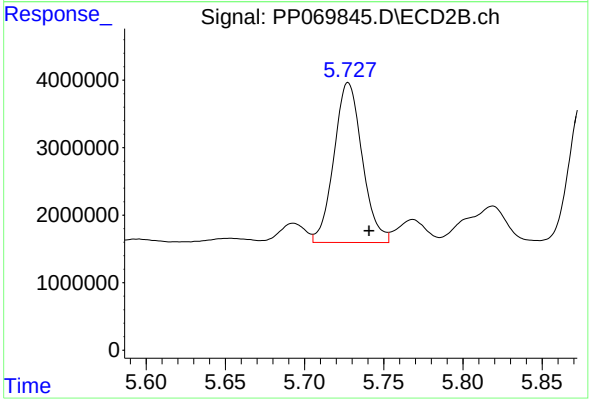
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 3622072
Conc: 167.83 ng/ml



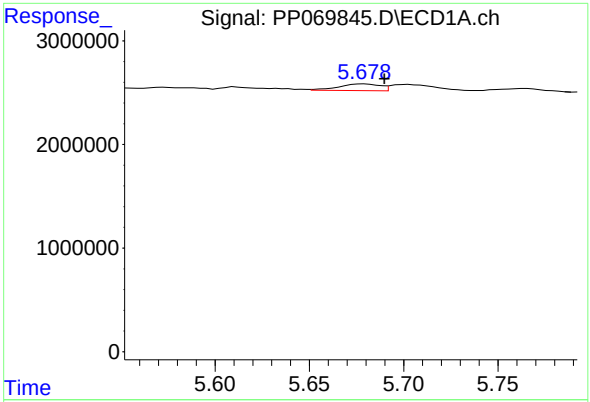
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: -0.010 min
Response: 13097233
Conc: 401.95 ng/ml



#20 AR-1242-5

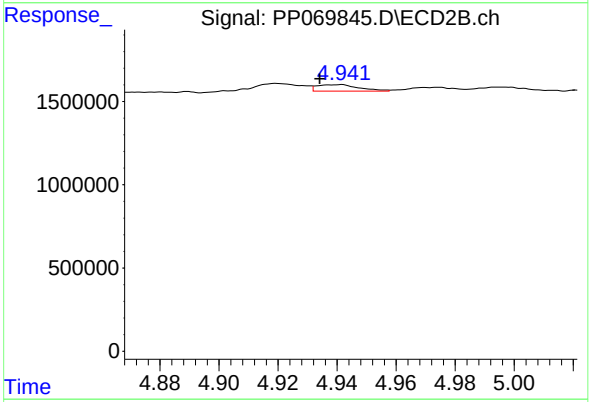
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 29477186
Conc: 1024.64 ng/ml



#21 AR-1248-1

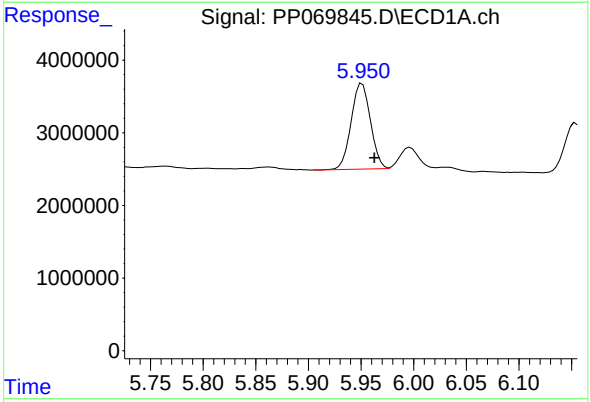
R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 1001178
Conc: 30.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



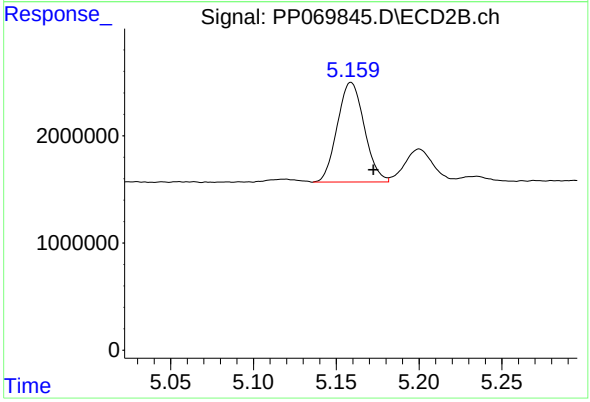
#21 AR-1248-1

R.T.: 4.941 min
Delta R.T.: 0.007 min
Response: 390254
Conc: 17.73 ng/ml



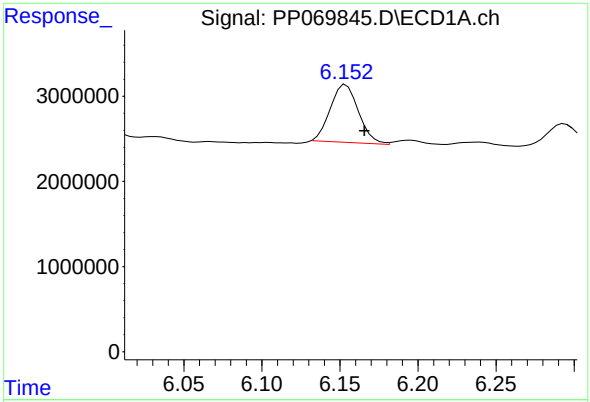
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 15101501
Conc: 355.78 ng/ml



#22 AR-1248-2

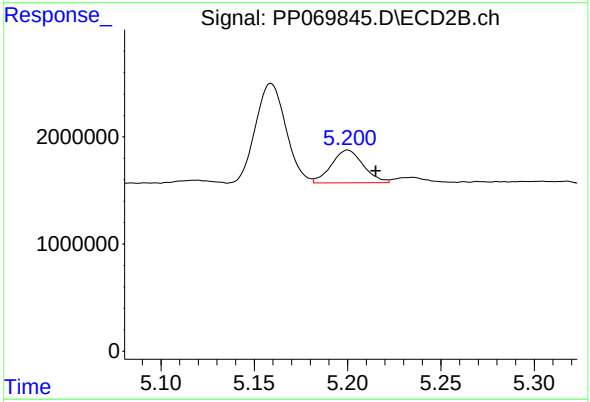
R.T.: 5.159 min
Delta R.T.: -0.014 min
Response: 10545756
Conc: 350.77 ng/ml



#23 AR-1248-3

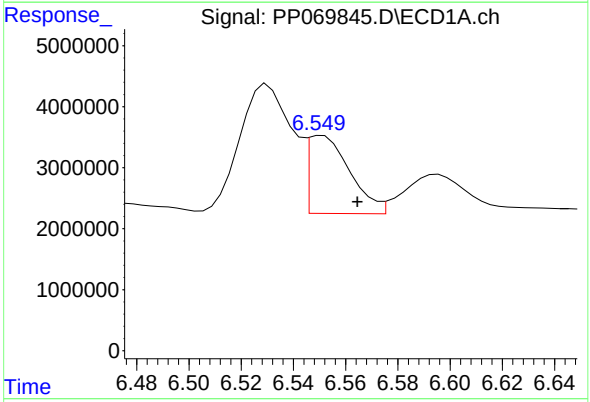
R.T.: 6.154 min
Delta R.T.: -0.012 min
Response: 8518989
Conc: 181.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



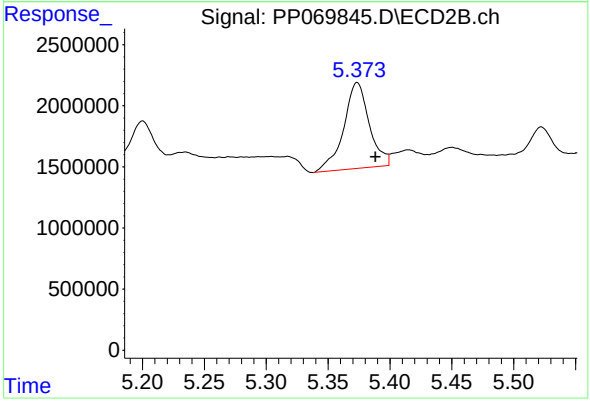
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3622072
Conc: 116.90 ng/ml



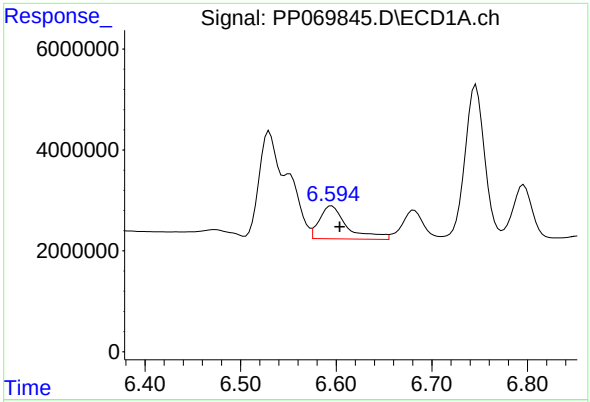
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: -0.013 min
Response: 14211377
Conc: 257.82 ng/ml



#24 AR-1248-4

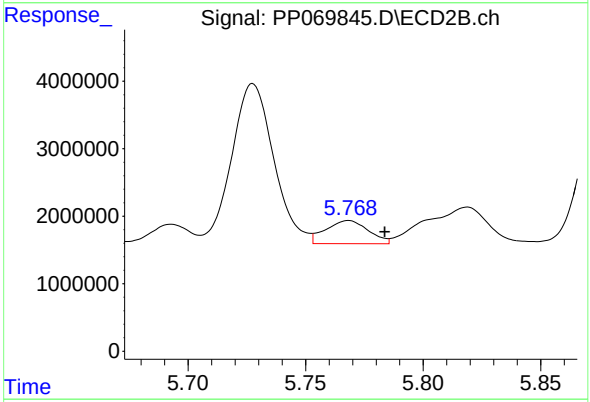
R.T.: 5.374 min
Delta R.T.: -0.015 min
Response: 10161809
Conc: 275.06 ng/ml



#25 AR-1248-5

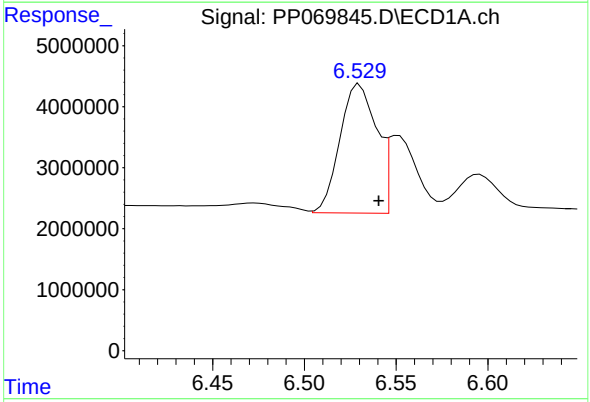
R.T.: 6.595 min
Delta R.T.: -0.008 min
Response: 13097233
Conc: 245.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



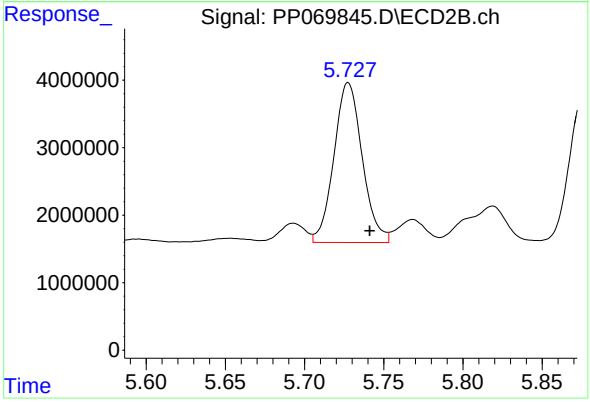
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.015 min
Response: 4332390
Conc: 115.87 ng/ml



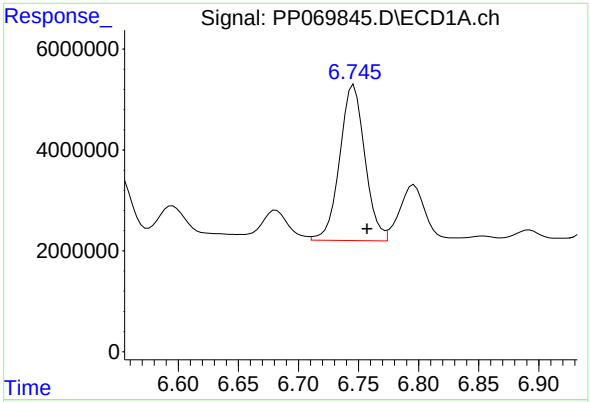
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.010 min
Response: 29445049
Conc: 508.87 ng/ml



#26 AR-1254-1

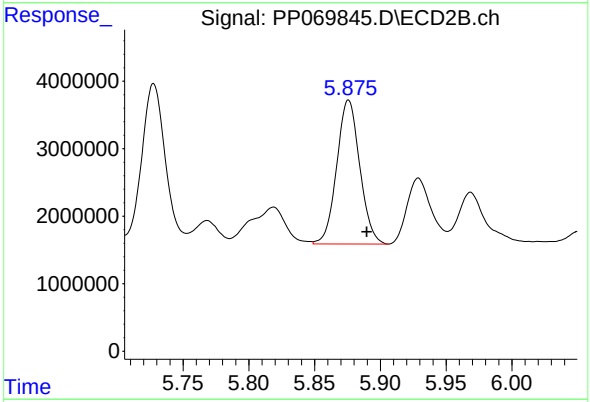
R.T.: 5.728 min
Delta R.T.: -0.014 min
Response: 29477186
Conc: 535.41 ng/ml



#27 AR-1254-2

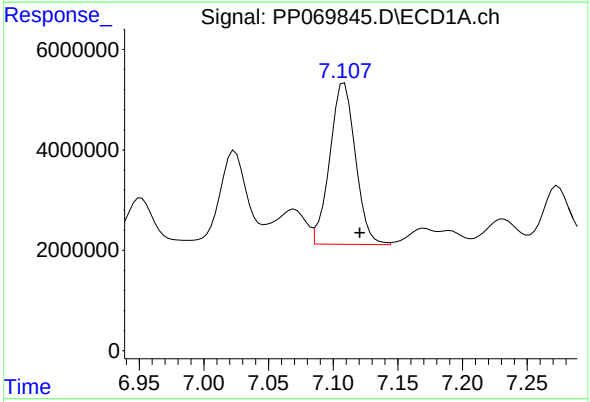
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 45072936
Conc: 561.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



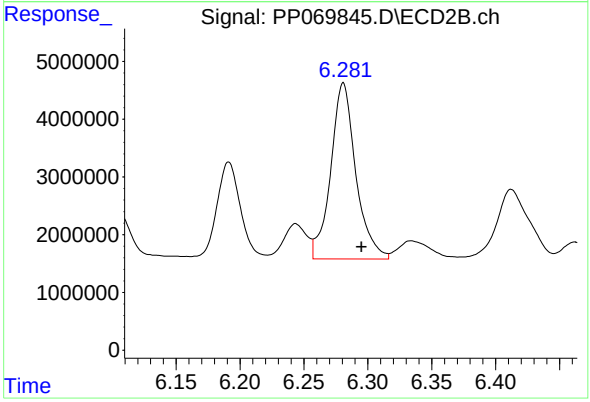
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 25986106
Conc: 537.25 ng/ml



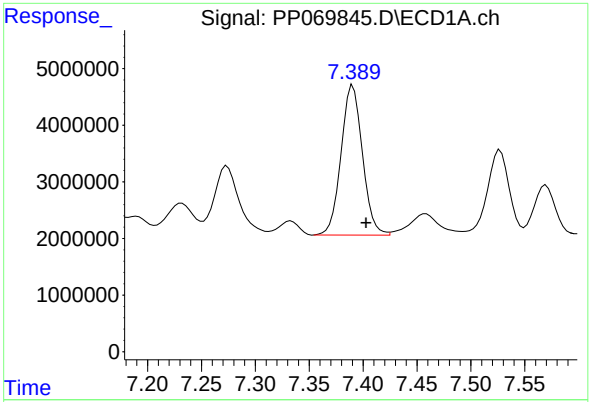
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.012 min
Response: 44317866
Conc: 525.79 ng/ml



#28 AR-1254-3

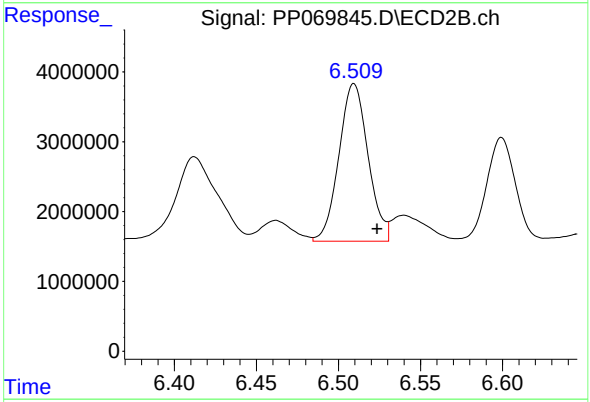
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 41660914
Conc: 548.92 ng/ml



#29 AR-1254-4

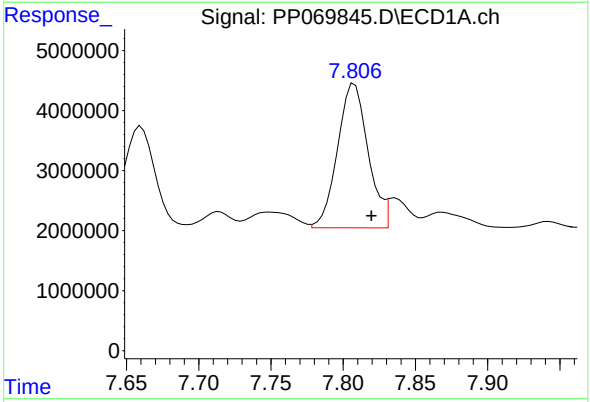
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 36606181
Conc: 536.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



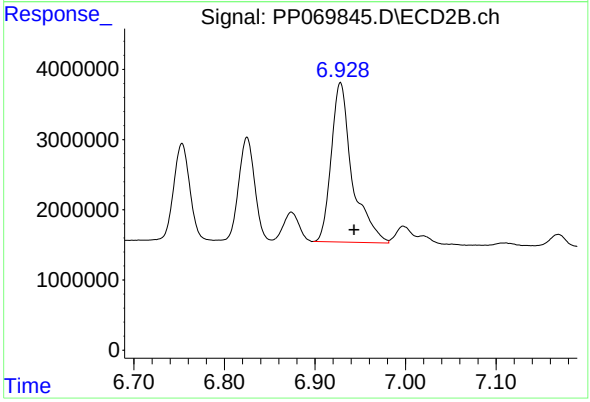
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.014 min
Response: 27932056
Conc: 545.02 ng/ml



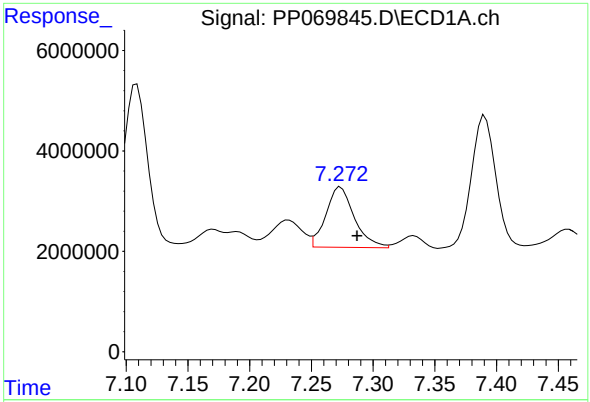
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 35292531
Conc: 518.66 ng/ml



#30 AR-1254-5

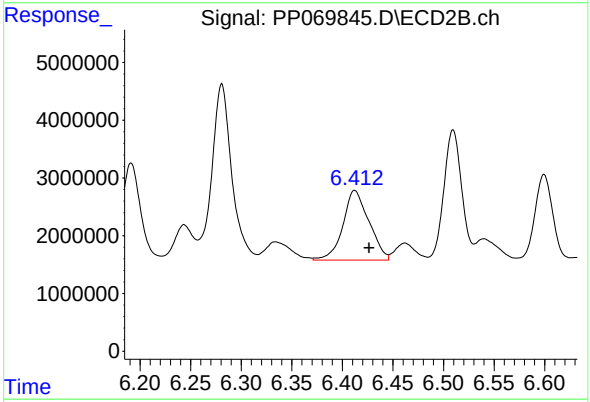
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 36582017
Conc: 549.61 ng/ml



#31 AR-1260-1

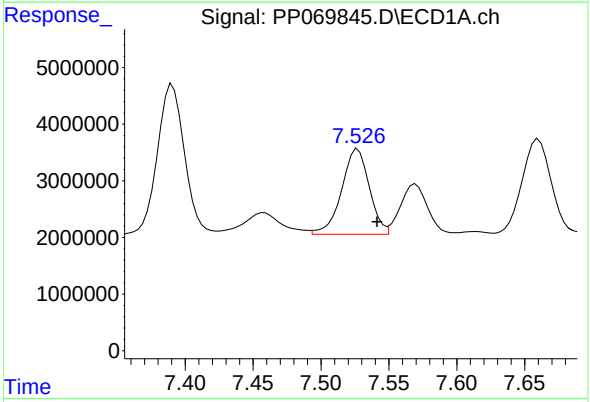
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 19277952
Conc: 329.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



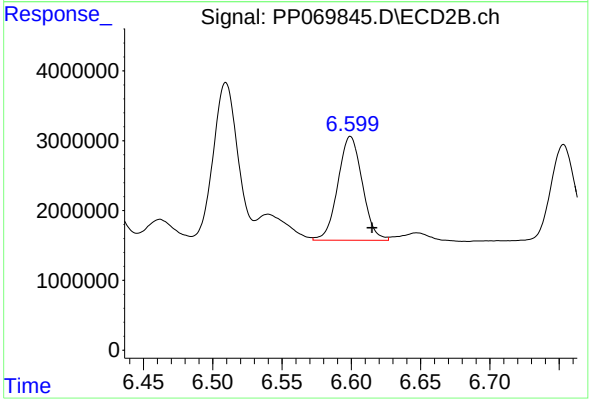
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 21638329
Conc: 448.65 ng/ml



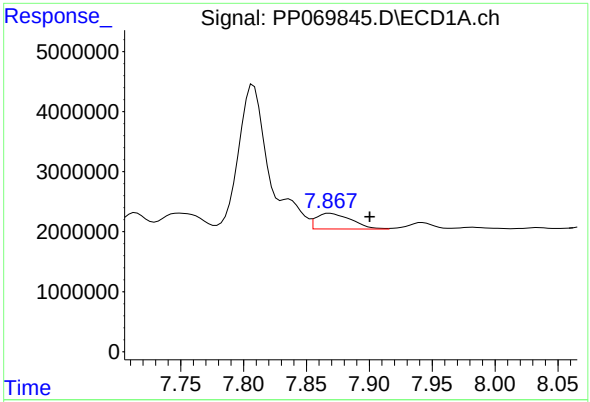
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 min
Response: 21413773
Conc: 275.20 ng/ml



#32 AR-1260-2

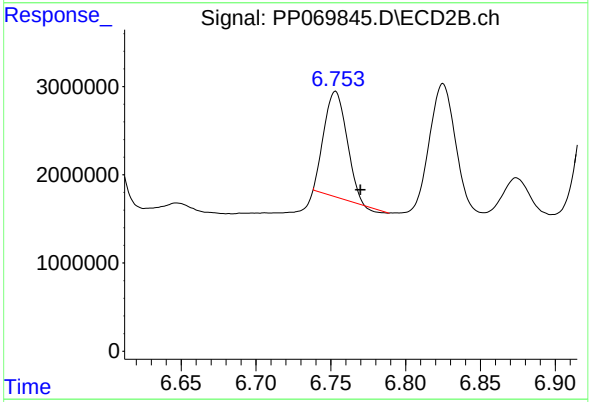
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 18282128
Conc: 298.22 ng/ml



#33 AR-1260-3

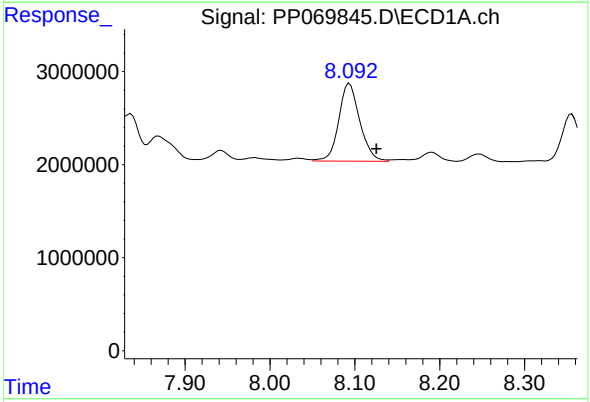
R.T.: 7.869 min
Delta R.T.: -0.032 min
Response: 5082949
Conc: 81.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



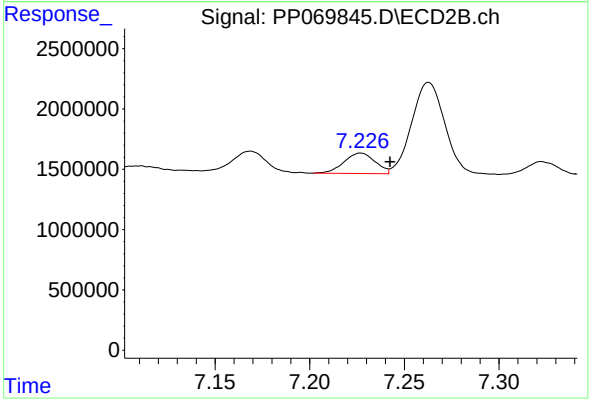
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 12482953
Conc: 207.51 ng/ml



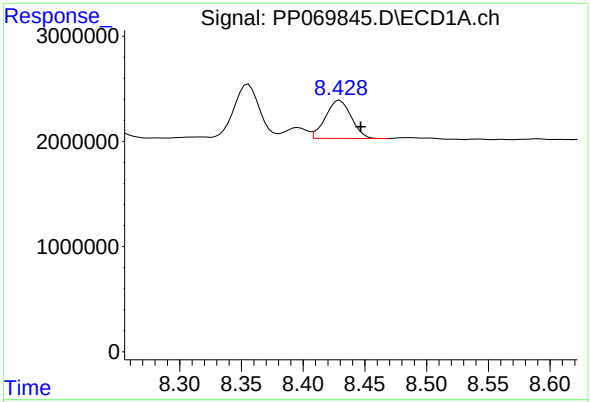
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: -0.031 min
Response: 14344926
Conc: 217.42 ng/ml



#34 AR-1260-4

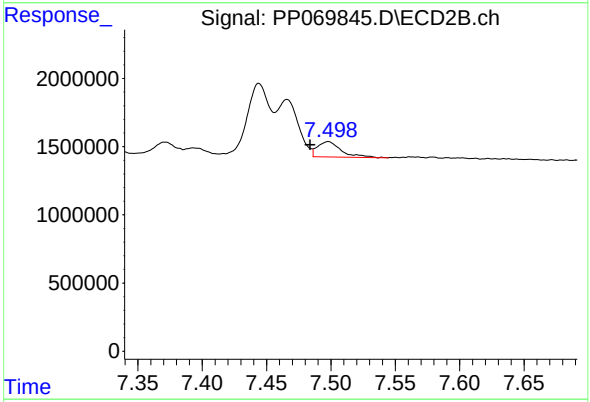
R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 1950852
Conc: 41.98 ng/ml



#35 AR-1260-5

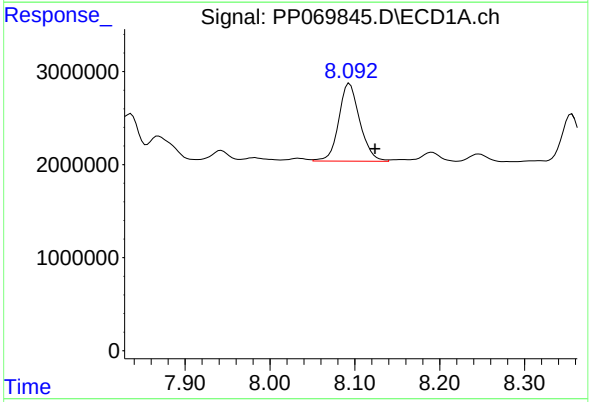
R.T.: 8.430 min
Delta R.T.: -0.017 min
Response: 5281593
Conc: 40.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



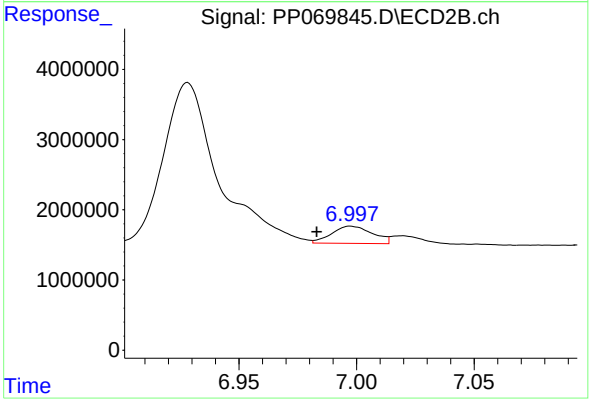
#35 AR-1260-5

R.T.: 7.498 min
Delta R.T.: 0.014 min
Response: 1435803
Conc: 12.92 ng/ml



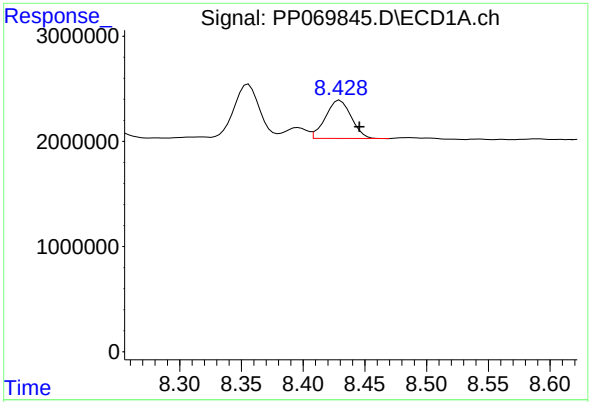
#36 AR-1262-1

R.T.: 8.094 min
Delta R.T.: -0.030 min
Response: 14344926
Conc: 181.54 ng/ml



#36 AR-1262-1

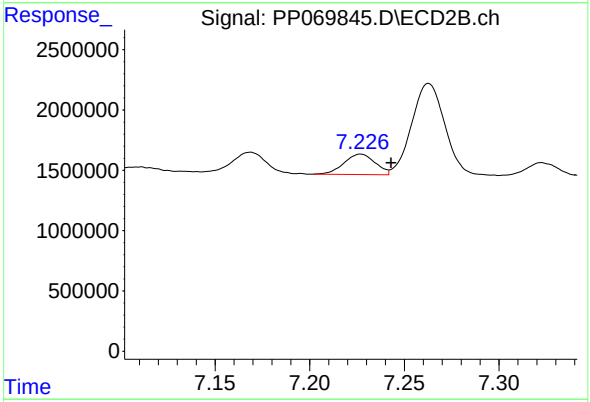
R.T.: 6.998 min
Delta R.T.: 0.014 min
Response: 2976573
Conc: 41.92 ng/ml



#37 AR-1262-2

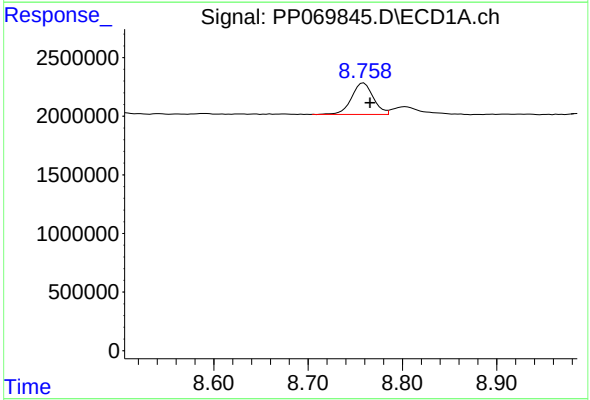
R.T.: 8.430 min
Delta R.T.: -0.016 min
Response: 5281593
Conc: 34.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



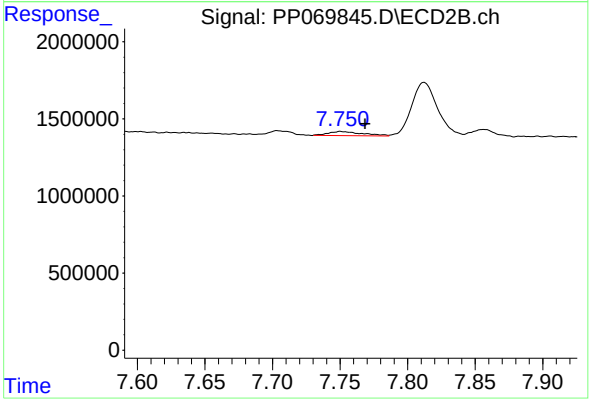
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1950852
Conc: 31.99 ng/ml



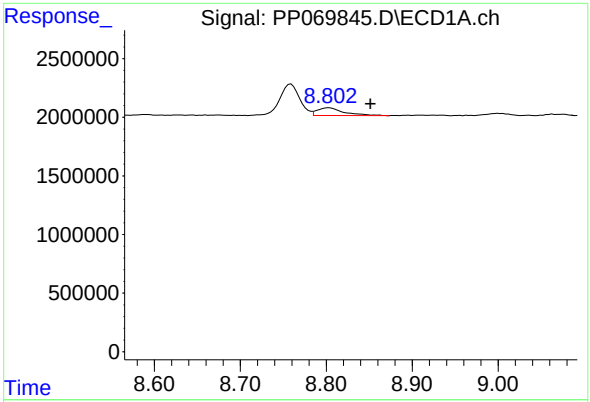
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: -0.007 min
Response: 4296031
Conc: 40.42 ng/ml



#38 AR-1262-3

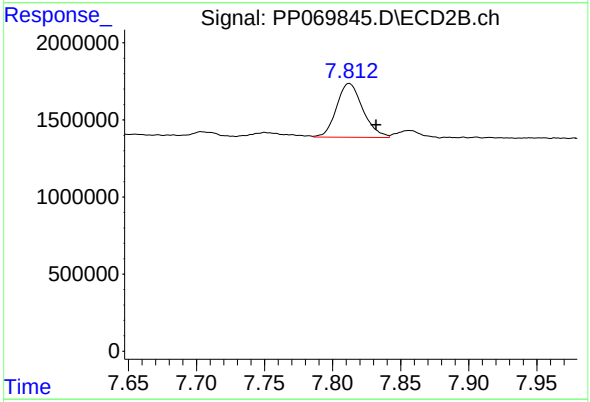
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 472025
Conc: 9.03 ng/ml



#39 AR-1262-4

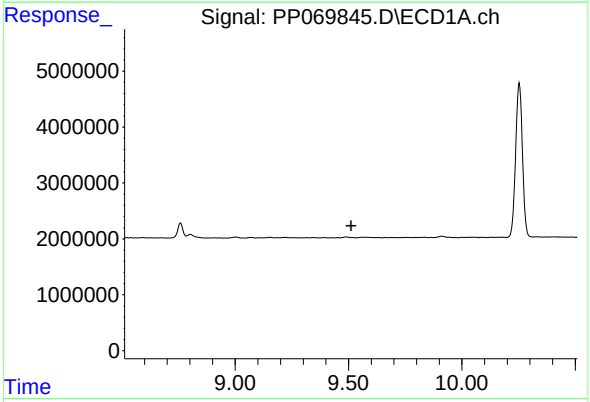
R.T.: 8.803 min
Delta R.T.: -0.049 min
Response: 1443184
Conc: 17.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



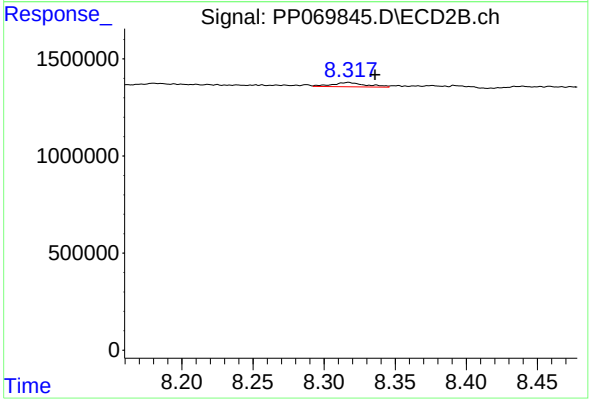
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 4686658
Conc: 50.70 ng/ml



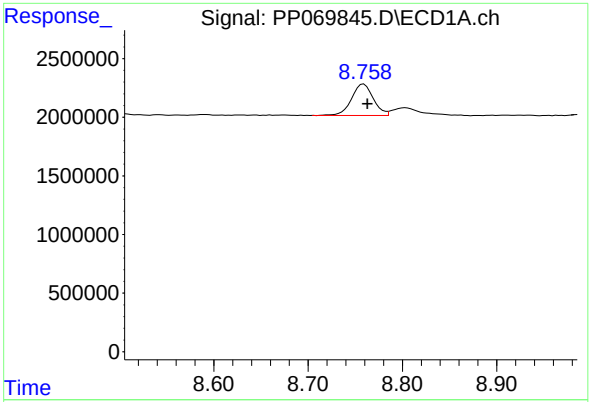
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

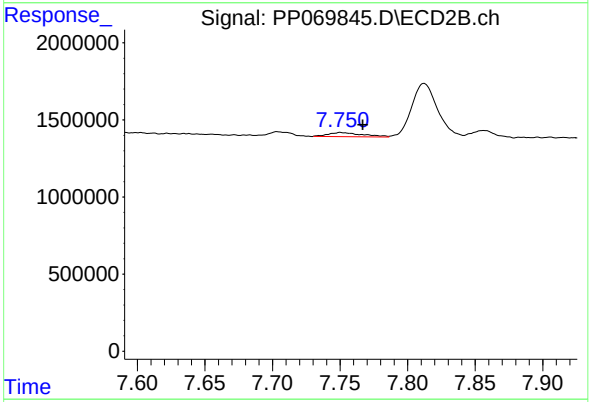
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 358440
Conc: 7.50 ng/ml



#41 AR-1268-1

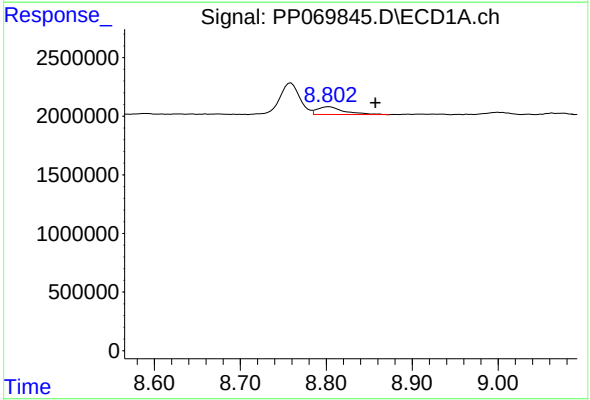
R.T.: 8.759 min
Delta R.T.: -0.004 min
Response: 4296031
Conc: 24.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



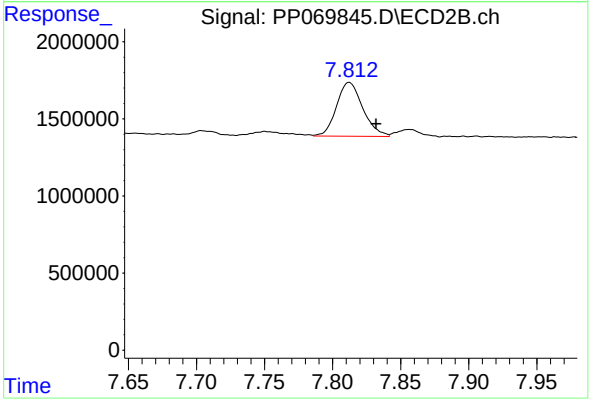
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.016 min
Response: 472025
Conc: 3.25 ng/ml



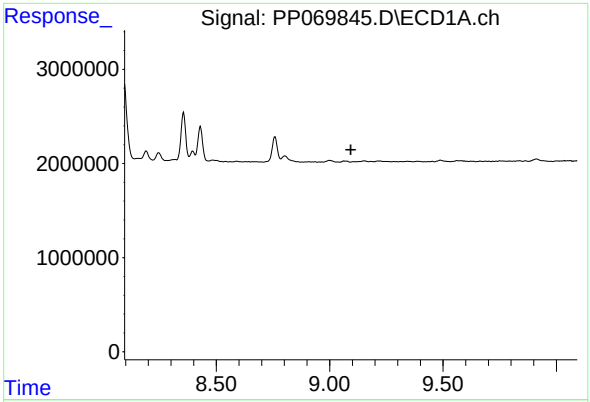
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.054 min
Response: 1443184
Conc: 9.17 ng/ml



#42 AR-1268-2

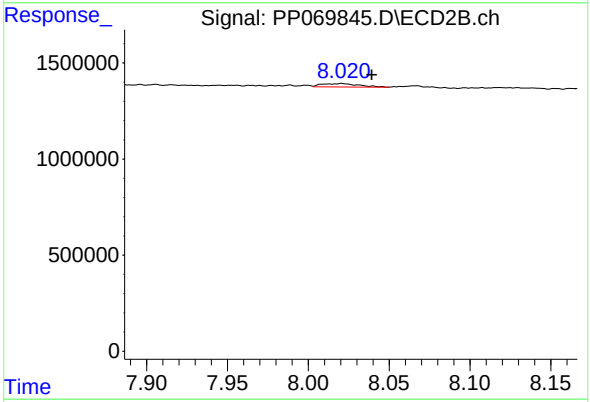
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 4686658
Conc: 35.29 ng/ml



#43 AR-1268-3

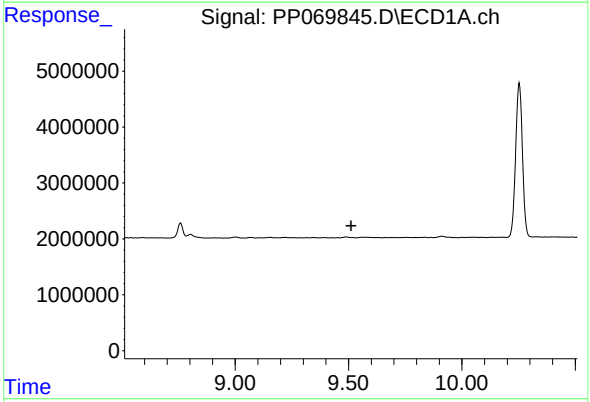
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



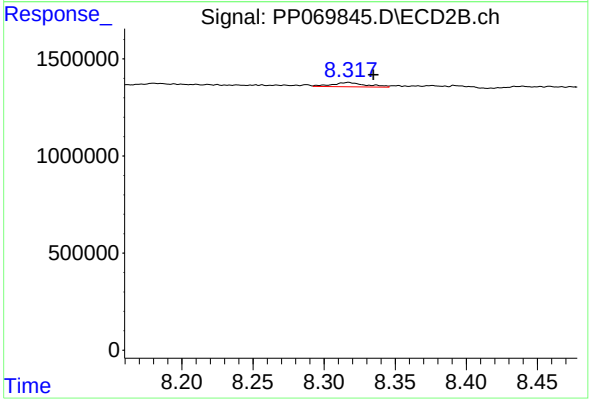
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.019 min
Response: 284561
Conc: 2.50 ng/ml



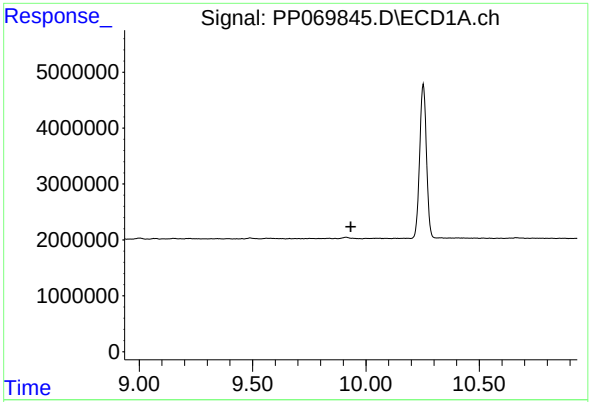
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

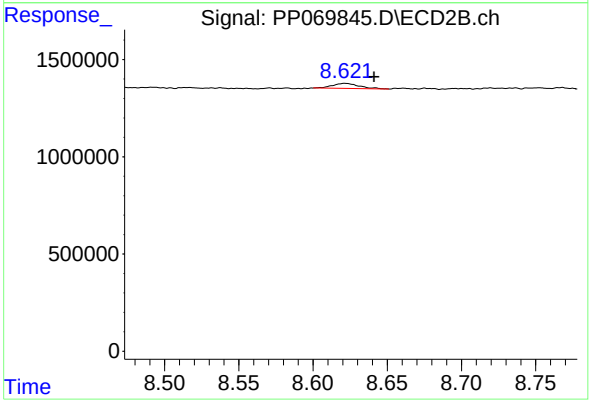
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 358440
Conc: 6.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 321416
Conc: 0.90 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:31
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: Feb 22 01:24:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	33096603	19478468	23.121	21.824	
2)	SA Decachlor...	10.251	8.888	24297331	25578850	22.232	22.869	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.974f	0	106887	N.D.	3.277	#
4)	L1 AR-1016-2	0.000	4.974	0	106887	N.D.	2.377	#
5)	L1 AR-1016-3	0.000	5.121	0	620924	N.D.	24.953	#
6)	L1 AR-1016-4	0.000	5.169	0	774857	N.D.	38.366	#
7)	L1 AR-1016-5	0.000	5.372	0	1777537	N.D.	66.267	#
8)	L2 AR-1221-1	0.000	4.051	0	282423	N.D.	22.928	#
9)	L2 AR-1221-2	4.825	4.133	442460	422568	32.314	43.639	#
10)	L2 AR-1221-3	0.000	4.185	0	49883	N.D.	1.710	#
11)	L3 AR-1232-1	0.000	4.185	0	49883	N.D.	2.125	#
12)	L3 AR-1232-2	0.000	4.974	0	106887	N.D.	4.535	#
13)	L3 AR-1232-3	0.000	5.121	0	620924	N.D.	47.958	#
14)	L3 AR-1232-4	0.000	5.205	0	273251	N.D.	24.648	#
15)	L3 AR-1232-5	6.022f	5.372	670101	1777537	58.461	145.577	#
16)	L4 AR-1242-1	0.000	4.974f	0	106887	N.D.	3.707	#
17)	L4 AR-1242-2	0.000	4.974	0	106887	N.D.	2.713	#
18)	L4 AR-1242-3	0.000	5.121	0	620924	N.D.	27.592	#
19)	L4 AR-1242-4	0.000	5.205	0	273251	N.D.	12.661	#
20)	L4 AR-1242-5	6.553f	5.751	1266349	1917091	38.864	66.639	#
21)	L5 AR-1248-1	0.000	4.974f	0	106887	N.D.	4.856	#
22)	L5 AR-1248-2	6.022f	5.169	670101	774857	15.787	25.773	#
23)	L5 AR-1248-3	0.000	5.205	0	273251	N.D.	8.819	#
24)	L5 AR-1248-4	6.553	5.372	1266349	1777537	22.974	48.115	#
25)	L5 AR-1248-5	6.553f	5.785	1266349	590837	23.722	15.802	#
26)	L6 AR-1254-1	6.553	5.751	1266349	1917091	21.885	34.821	#
27)	L6 AR-1254-2	0.000	5.864	0	345738	N.D.	7.148	#
28)	L6 AR-1254-3	7.094	6.294	2145391	459425	25.453	6.053	#
29)	L6 AR-1254-4	7.393	6.526	1745134	254138	25.593	4.959	#
31)	L7 AR-1260-1	7.320	6.359f	2209982	754226	37.819	15.638	#
32)	L7 AR-1260-2	7.537	6.651f	967108	18892	12.429	0.308	#
33)	L7 AR-1260-3	0.000	6.757	0	587540	N.D.	9.767	#
34)	L7 AR-1260-4	0.000	7.259	0	111194	N.D.	2.393	#
35)	L7 AR-1260-5	0.000	7.459	0	41532	N.D.	0.374	#
37)	L8 AR-1262-2	0.000	7.259	0	111194	N.D.	1.823	#
38)	L8 AR-1262-3	0.000	7.769	0	581584	N.D.	11.120	#
39)	L8 AR-1262-4	0.000	7.856	0	239869	N.D.	2.595	#
40)	L8 AR-1262-5	0.000	8.390f	0	115215	N.D.	2.411	#
41)	L9 AR-1268-1	0.000	7.769	0	581584	N.D.	4.008	#
42)	L9 AR-1268-2	0.000	7.856	0	239869	N.D.	1.806	#
44)	L9 AR-1268-4	0.000	8.390f	0	115215	N.D.	2.212	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:31
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: Feb 22 01:24:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.620	0	107799	N.D.	0.303 #

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

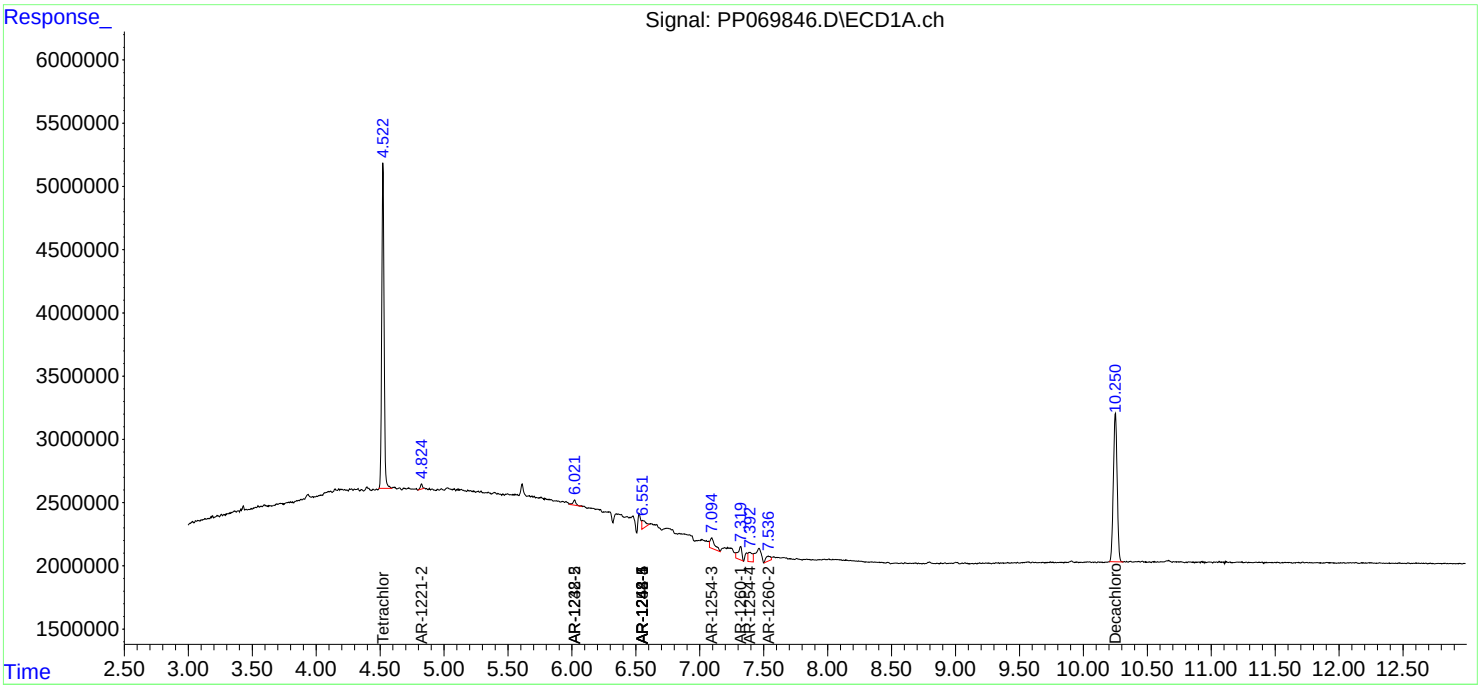
Quantitation Report (Not Reviewed)

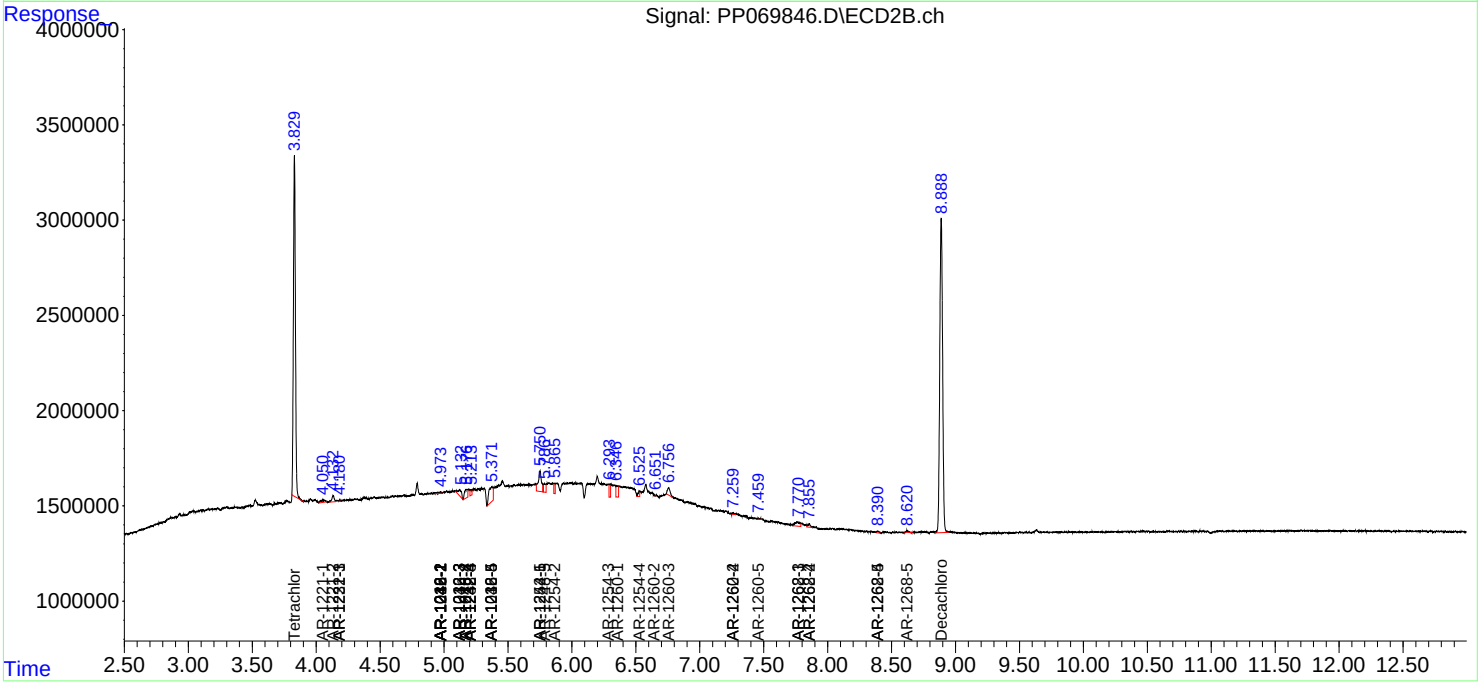
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069846.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:31
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

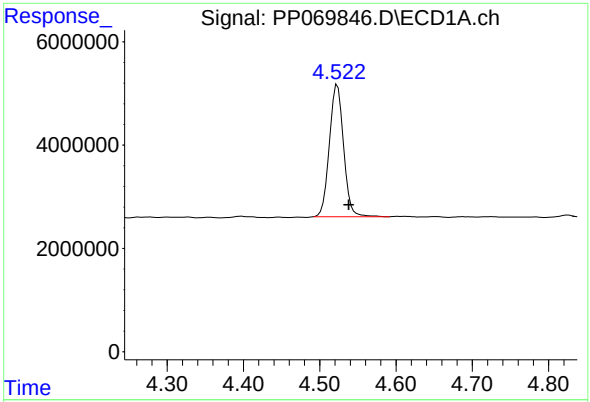
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:24:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



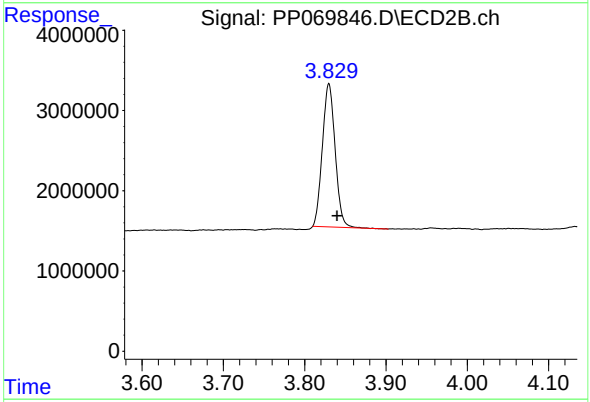




#1 Tetrachloro-m-xylene

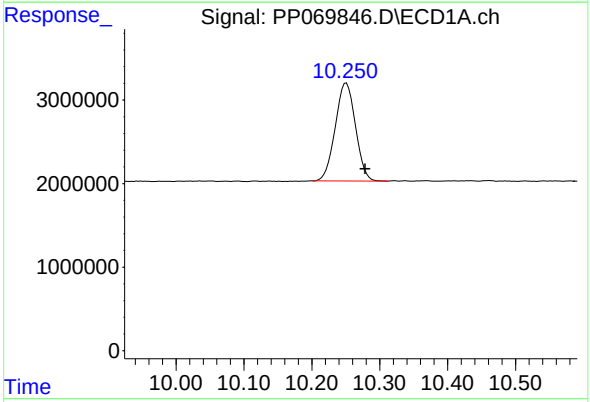
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 33096603
Conc: 23.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



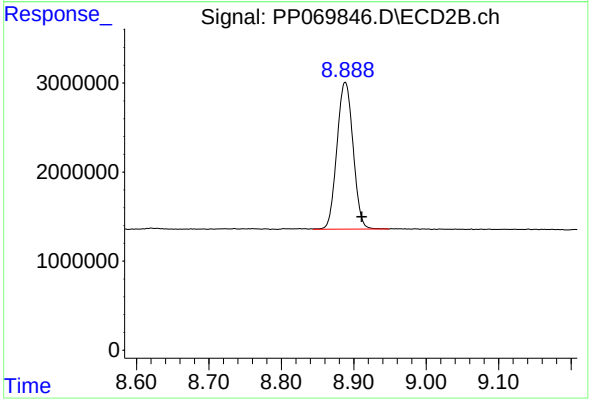
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 19478468
Conc: 21.82 ng/ml



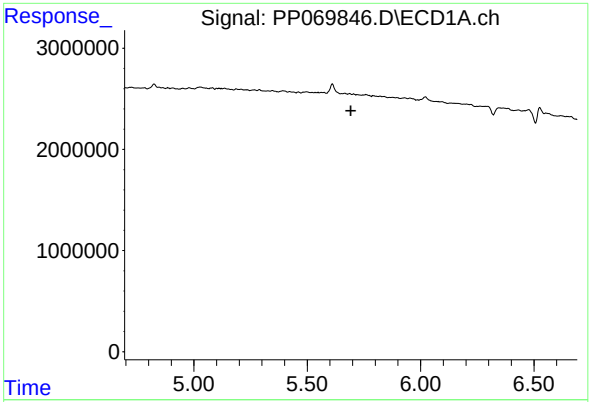
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.028 min
Response: 24297331
Conc: 22.23 ng/ml



#2 Decachlorobiphenyl

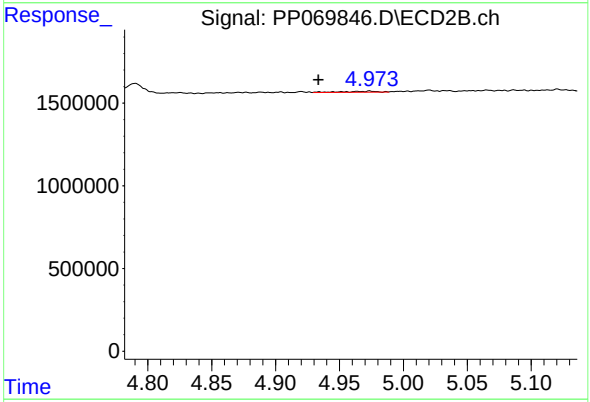
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 25578850
Conc: 22.87 ng/ml



#3 AR-1016-1

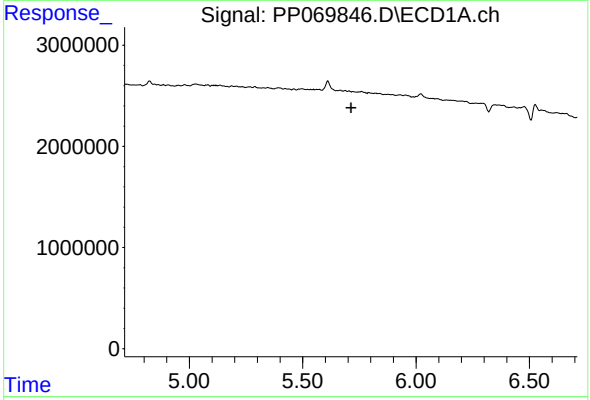
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



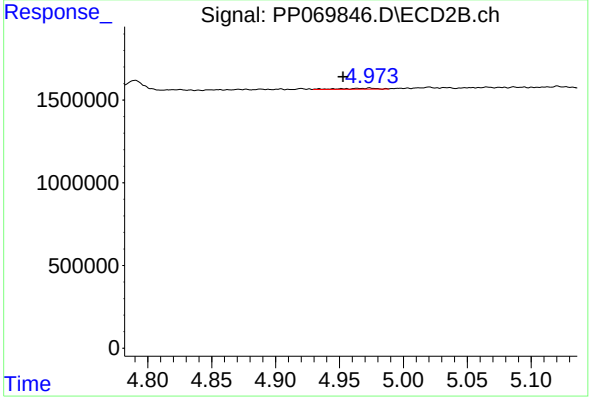
#3 AR-1016-1

R.T.: 4.974 min
Delta R.T.: 0.040 min
Response: 106887
Conc: 3.28 ng/ml



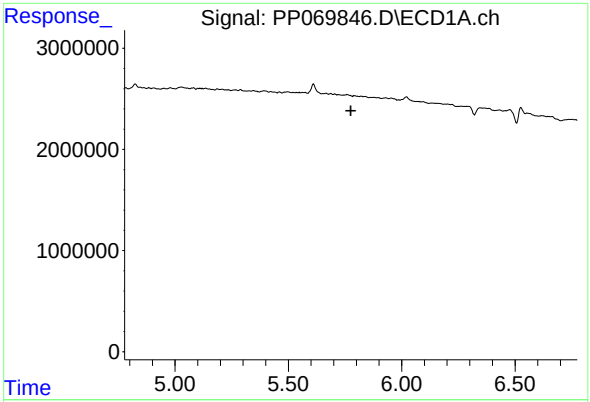
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

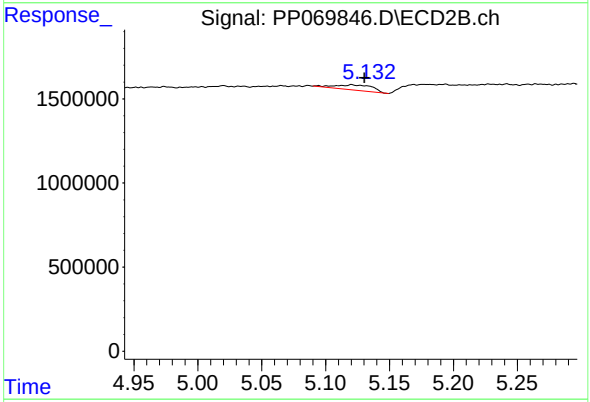
R.T.: 4.974 min
Delta R.T.: 0.021 min
Response: 106887
Conc: 2.38 ng/ml



#5 AR-1016-3

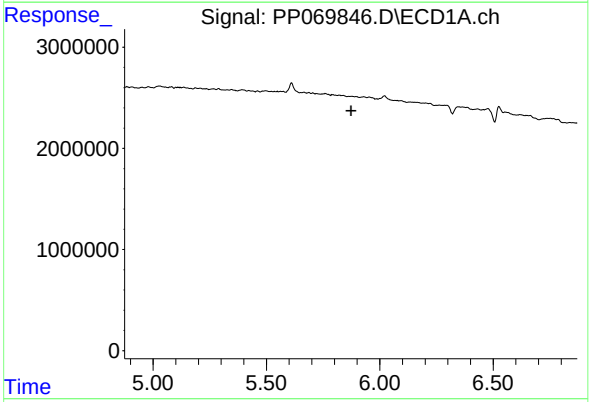
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



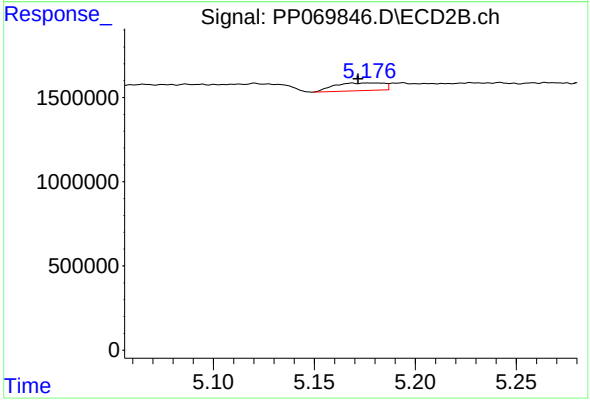
#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: -0.010 min
Response: 620924
Conc: 24.95 ng/ml



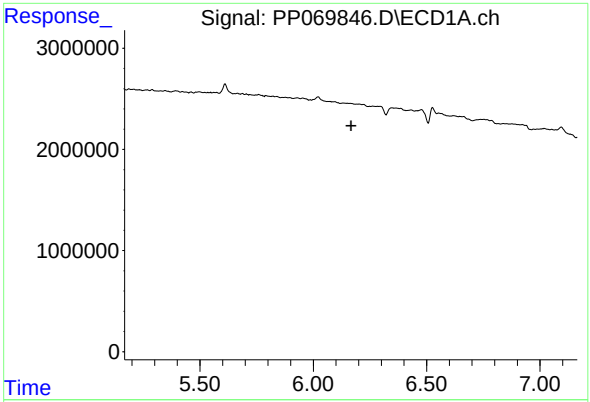
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

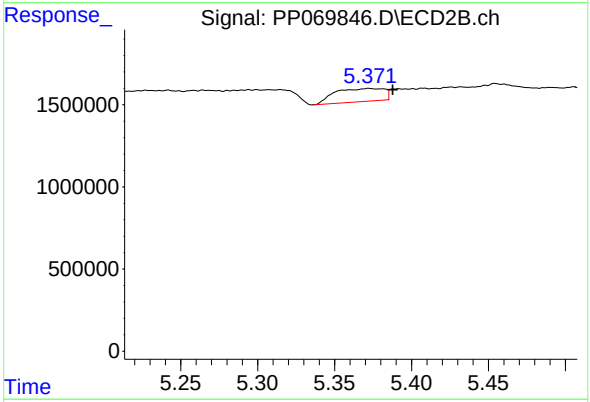
R.T.: 5.169 min
Delta R.T.: -0.003 min
Response: 774857
Conc: 38.37 ng/ml



#7 AR-1016-5

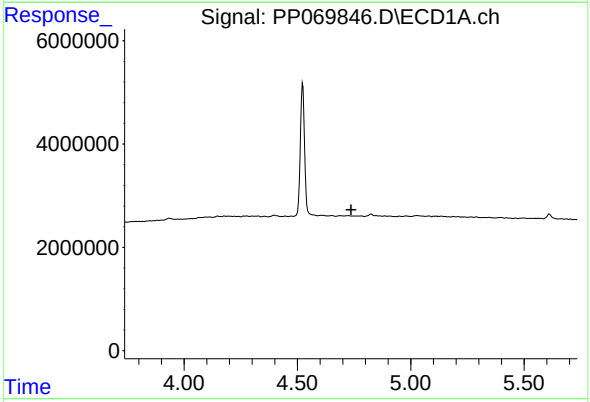
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



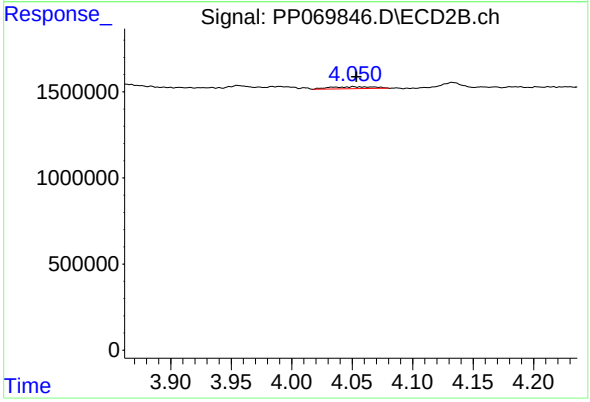
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 1777537
Conc: 66.27 ng/ml



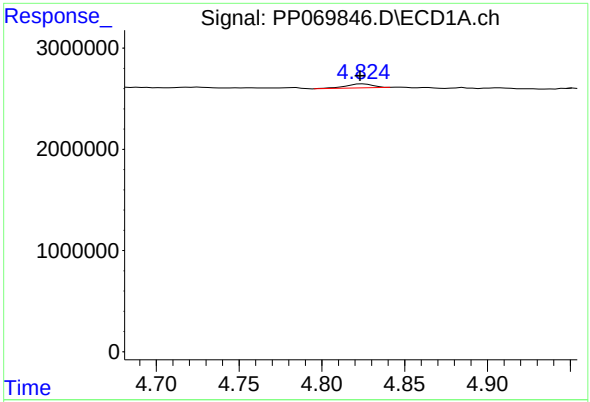
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

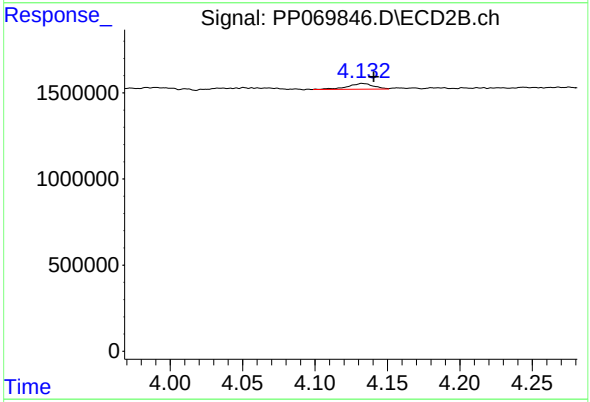
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 282423
Conc: 22.93 ng/ml



#9 AR-1221-2

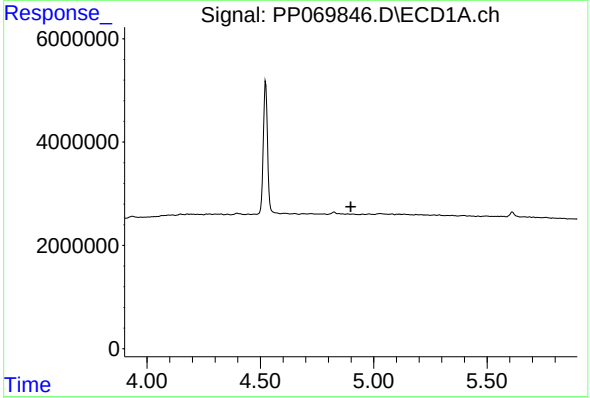
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 442460
Conc: 32.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



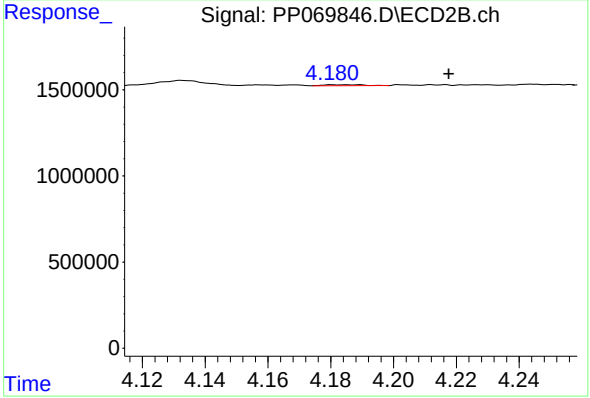
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 422568
Conc: 43.64 ng/ml



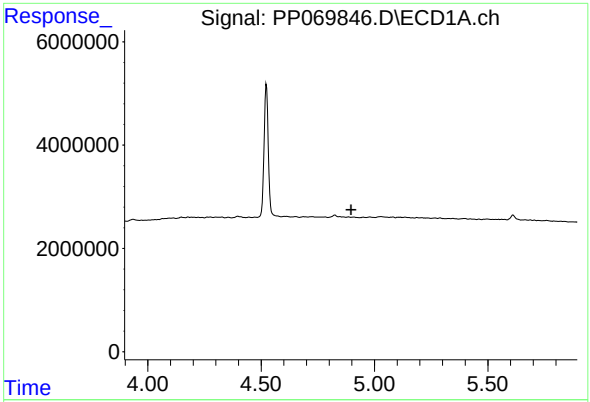
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

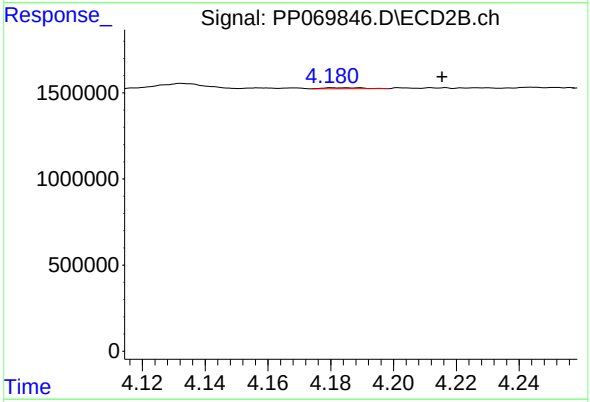
R.T.: 4.185 min
Delta R.T.: -0.033 min
Response: 49883
Conc: 1.71 ng/ml



#11 AR-1232-1

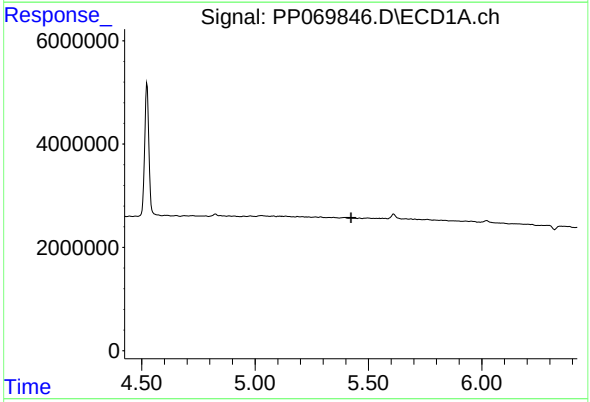
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



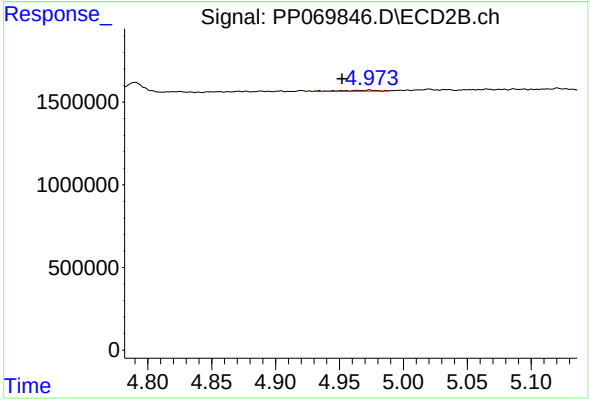
#11 AR-1232-1

R.T.: 4.185 min
Delta R.T.: -0.030 min
Response: 49883
Conc: 2.12 ng/ml



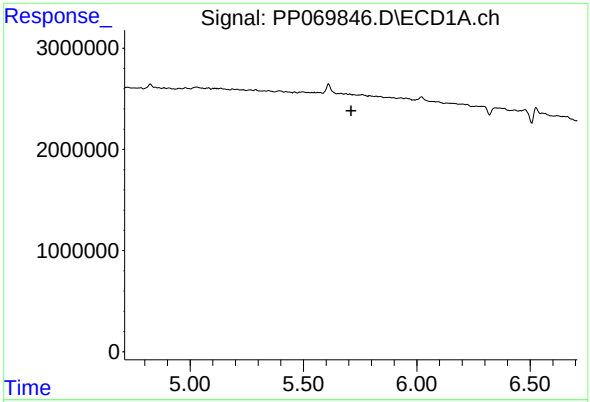
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

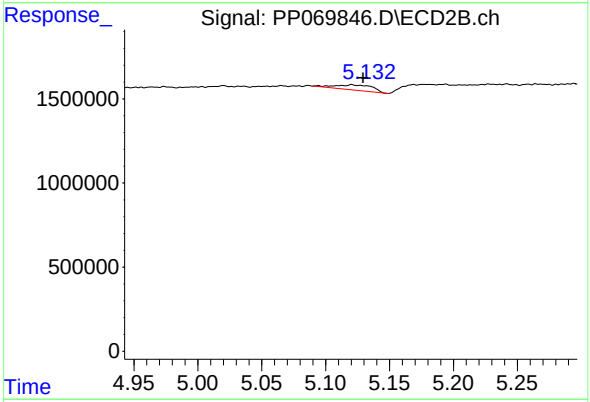
R.T.: 4.974 min
Delta R.T.: 0.022 min
Response: 106887
Conc: 4.53 ng/ml



#13 AR-1232-3

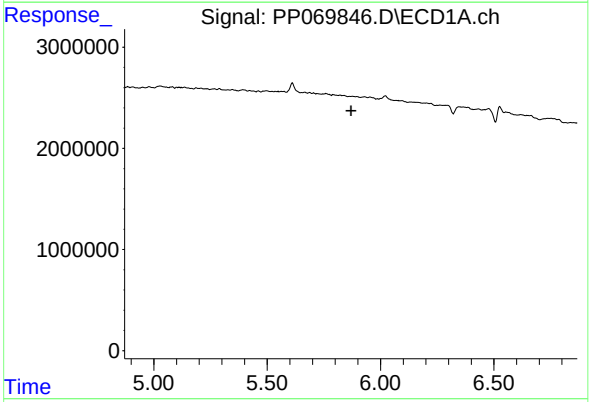
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



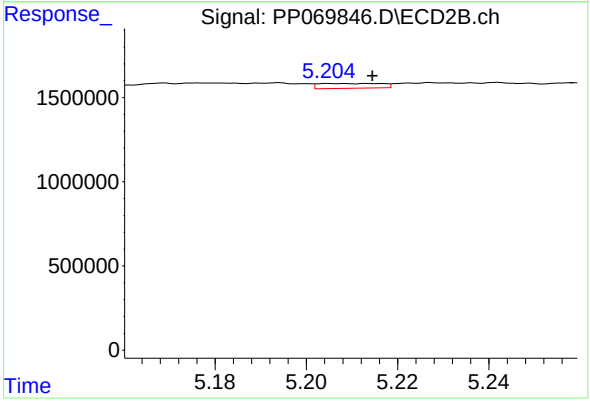
#13 AR-1232-3

R.T.: 5.121 min
Delta R.T.: -0.009 min
Response: 620924
Conc: 47.96 ng/ml



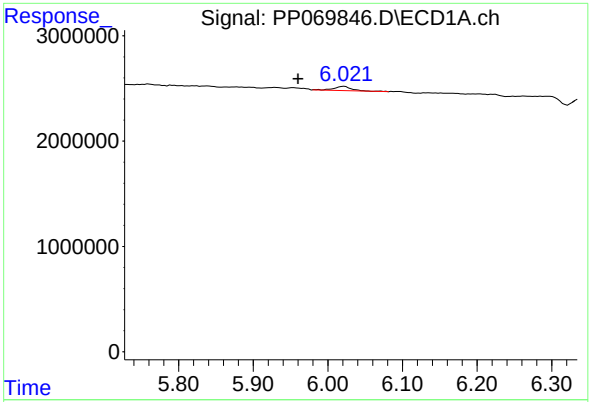
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

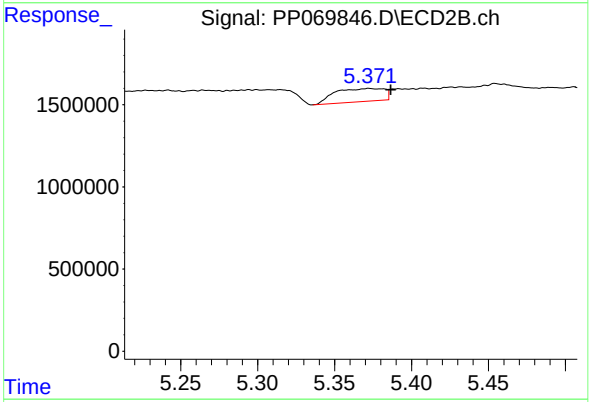
R.T.: 5.205 min
Delta R.T.: -0.009 min
Response: 273251
Conc: 24.65 ng/ml



#15 AR-1232-5

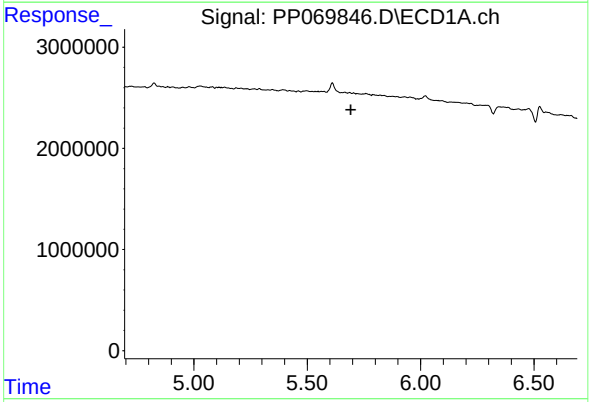
R.T.: 6.022 min
Delta R.T.: 0.062 min
Response: 670101
Conc: 58.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



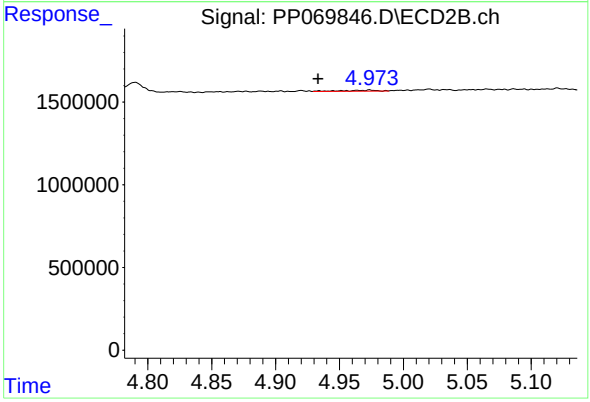
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.014 min
Response: 1777537
Conc: 145.58 ng/ml



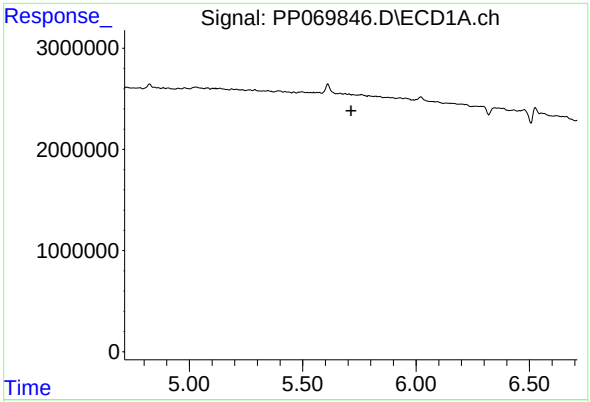
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

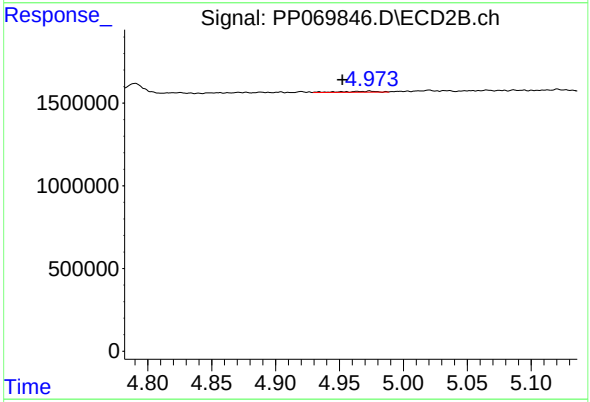
R.T.: 4.974 min
Delta R.T.: 0.041 min
Response: 106887
Conc: 3.71 ng/ml



#17 AR-1242-2

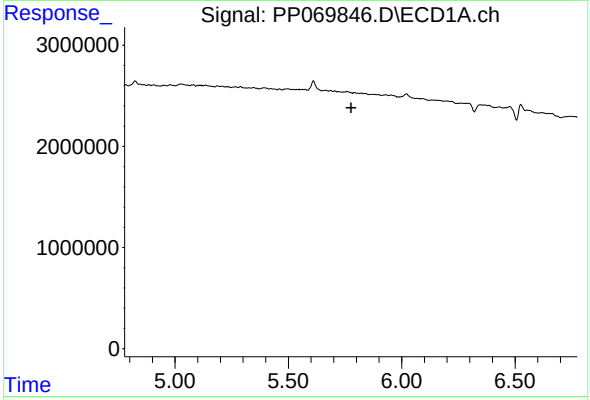
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



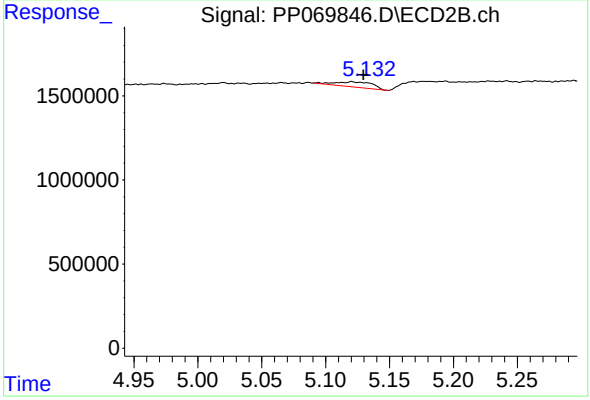
#17 AR-1242-2

R.T.: 4.974 min
Delta R.T.: 0.021 min
Response: 106887
Conc: 2.71 ng/ml



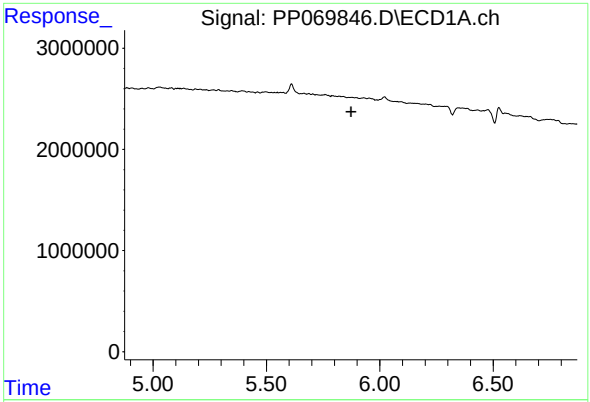
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

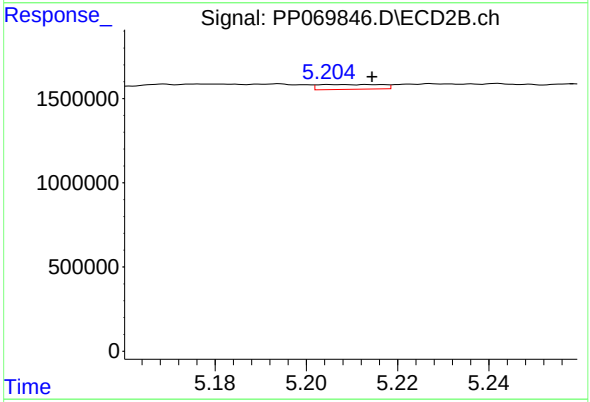
R.T.: 5.121 min
Delta R.T.: -0.009 min
Response: 620924
Conc: 27.59 ng/ml



#19 AR-1242-4

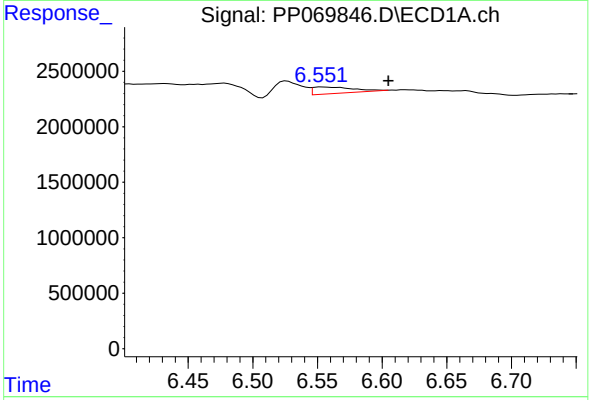
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



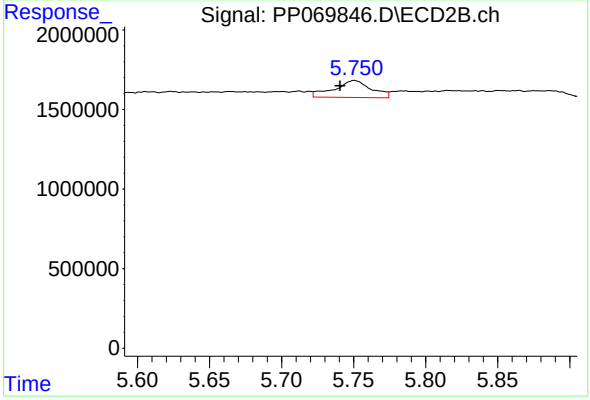
#19 AR-1242-4

R.T.: 5.205 min
Delta R.T.: -0.009 min
Response: 273251
Conc: 12.66 ng/ml



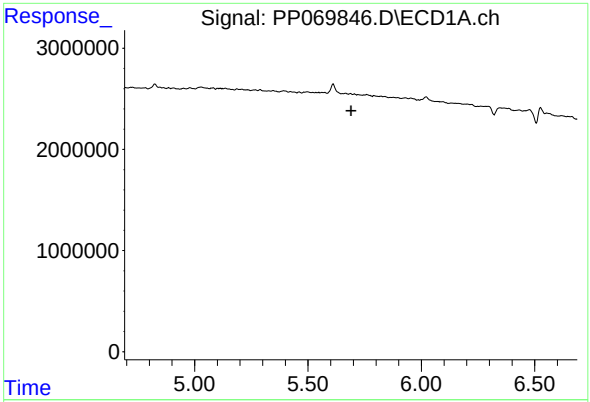
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: -0.052 min
Response: 1266349
Conc: 38.86 ng/ml



#20 AR-1242-5

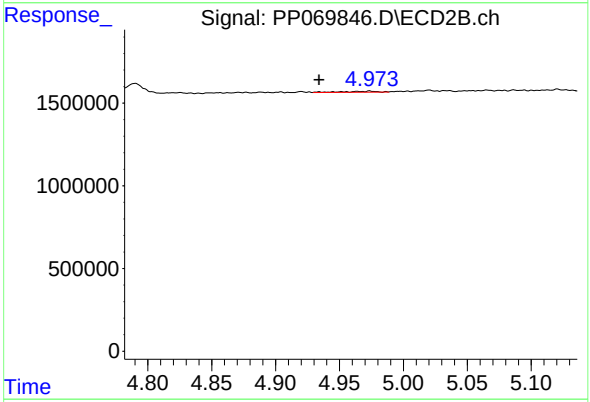
R.T.: 5.751 min
Delta R.T.: 0.010 min
Response: 1917091
Conc: 66.64 ng/ml



#21 AR-1248-1

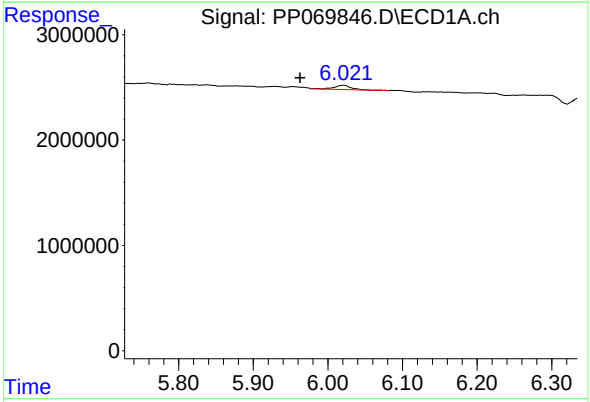
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



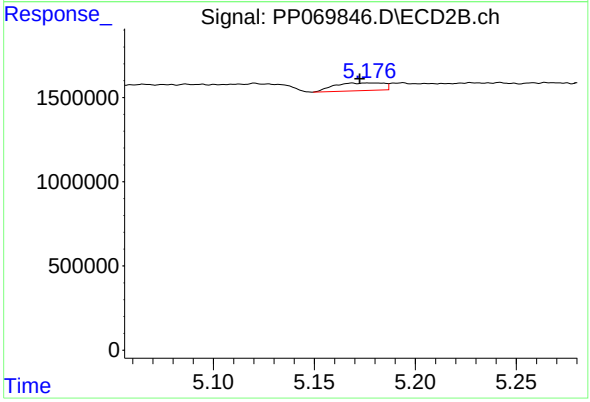
#21 AR-1248-1

R.T.: 4.974 min
Delta R.T.: 0.040 min
Response: 106887
Conc: 4.86 ng/ml



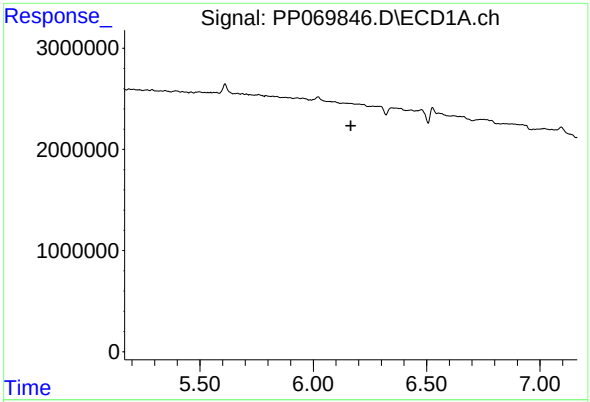
#22 AR-1248-2

R.T.: 6.022 min
Delta R.T.: 0.060 min
Response: 670101
Conc: 15.79 ng/ml



#22 AR-1248-2

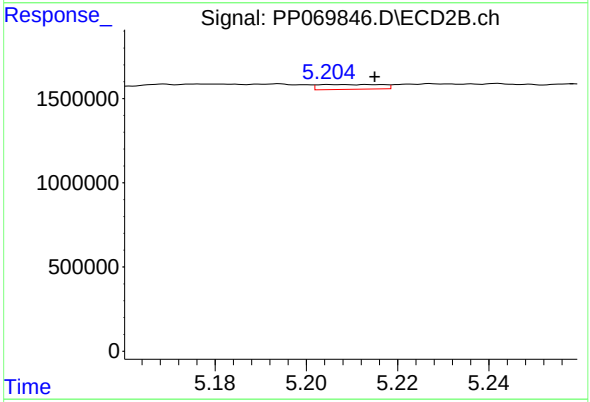
R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 774857
Conc: 25.77 ng/ml



#23 AR-1248-3

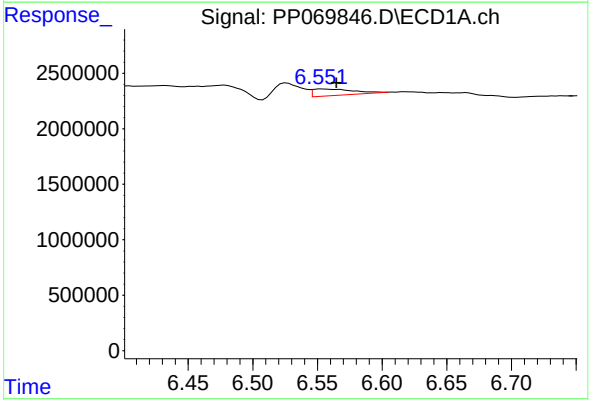
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



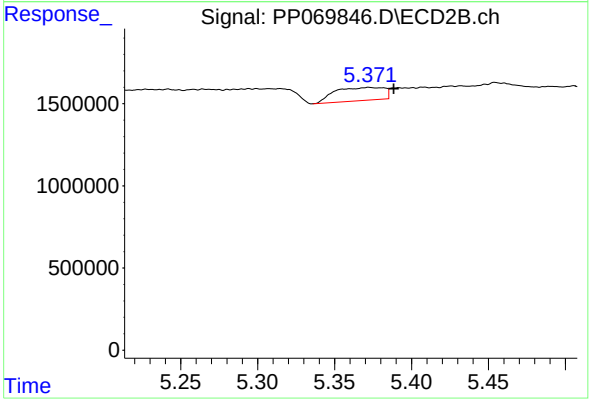
#23 AR-1248-3

R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 273251
Conc: 8.82 ng/ml



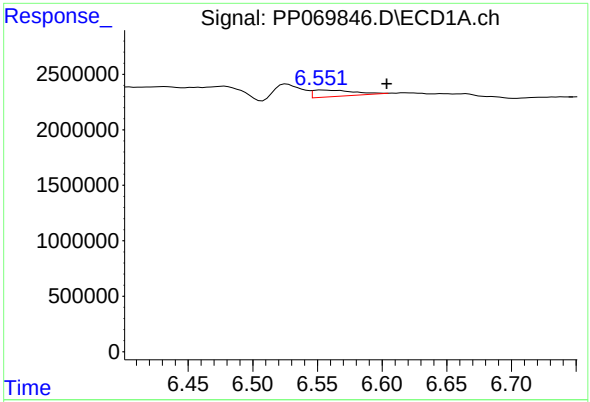
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 1266349
Conc: 22.97 ng/ml



#24 AR-1248-4

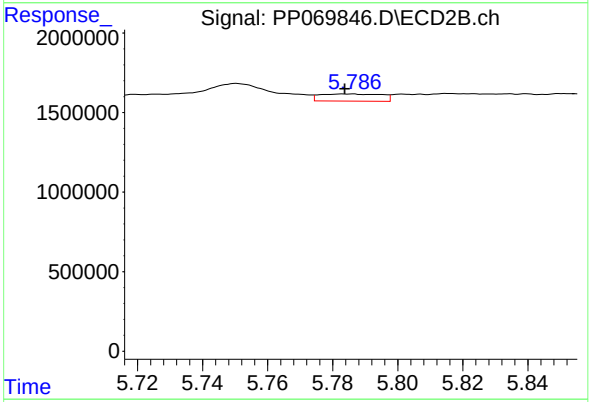
R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 1777537
Conc: 48.11 ng/ml



#25 AR-1248-5

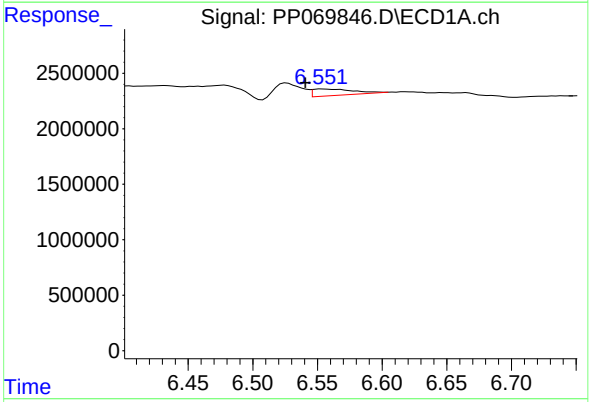
R.T.: 6.553 min
Delta R.T.: -0.051 min
Response: 1266349
Conc: 23.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



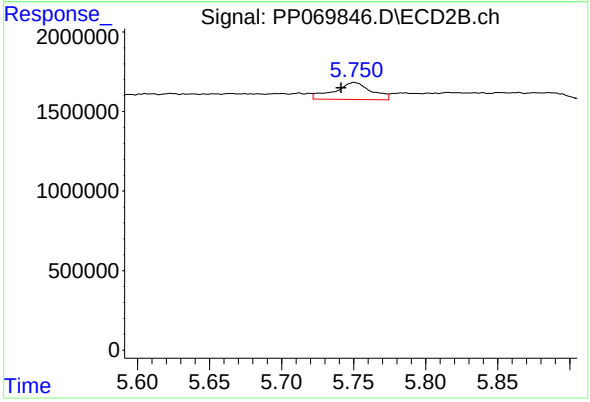
#25 AR-1248-5

R.T.: 5.785 min
Delta R.T.: 0.001 min
Response: 590837
Conc: 15.80 ng/ml



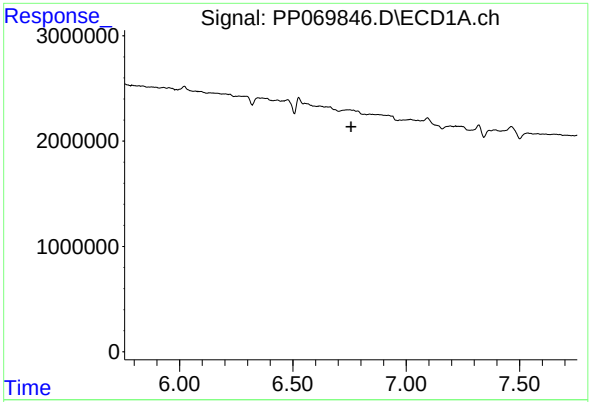
#26 AR-1254-1

R.T.: 6.553 min
Delta R.T.: 0.012 min
Response: 1266349
Conc: 21.89 ng/ml



#26 AR-1254-1

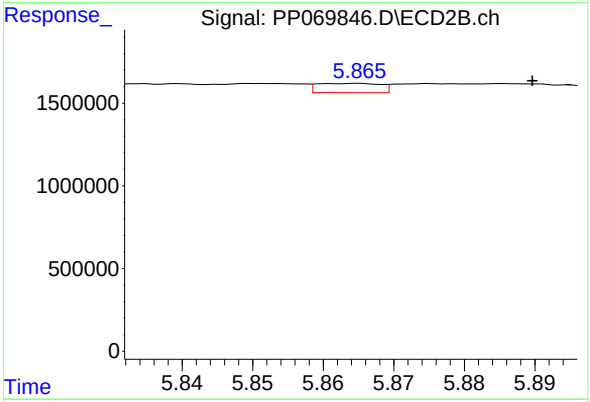
R.T.: 5.751 min
Delta R.T.: 0.009 min
Response: 1917091
Conc: 34.82 ng/ml



#27 AR-1254-2

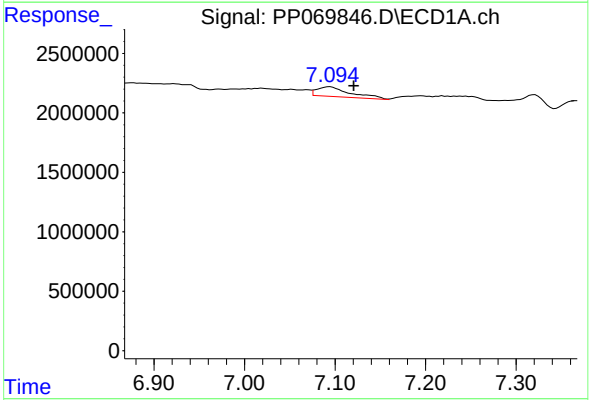
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



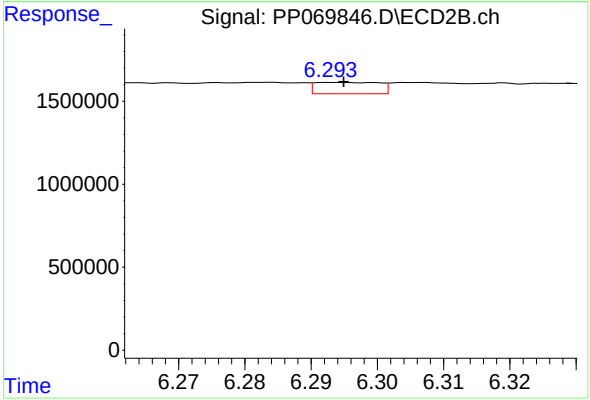
#27 AR-1254-2

R.T.: 5.864 min
Delta R.T.: -0.025 min
Response: 345738
Conc: 7.15 ng/ml



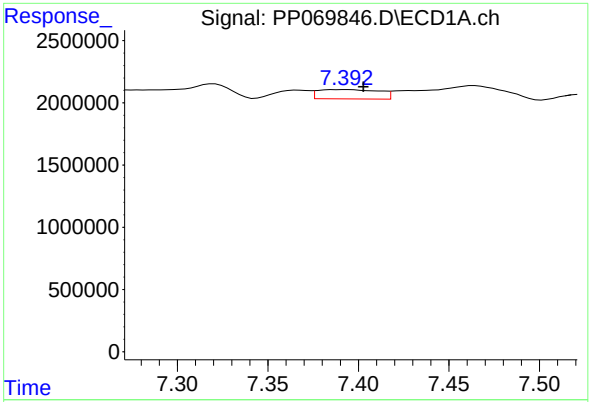
#28 AR-1254-3

R.T.: 7.094 min
Delta R.T.: -0.026 min
Response: 2145391
Conc: 25.45 ng/ml



#28 AR-1254-3

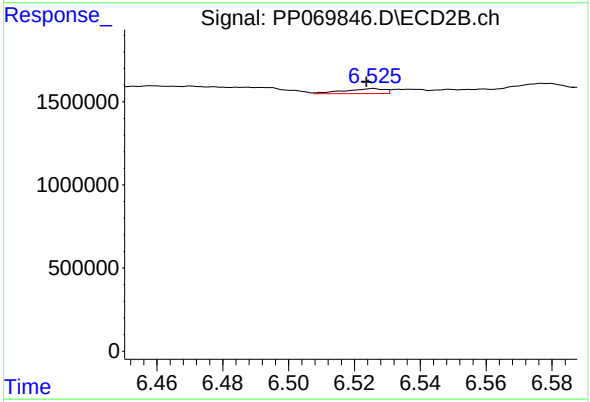
R.T.: 6.294 min
Delta R.T.: -0.001 min
Response: 459425
Conc: 6.05 ng/ml



#29 AR-1254-4

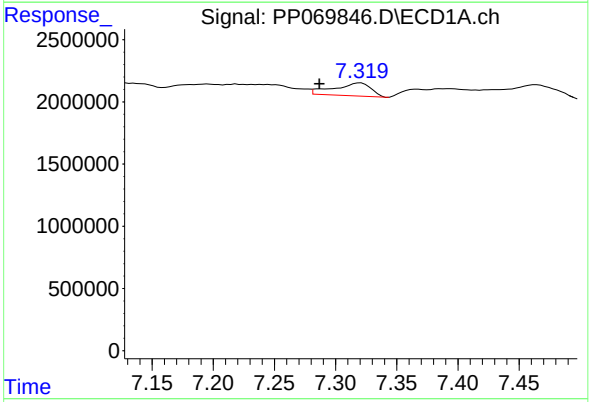
R.T.: 7.393 min
Delta R.T.: -0.009 min
Response: 1745134
Conc: 25.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



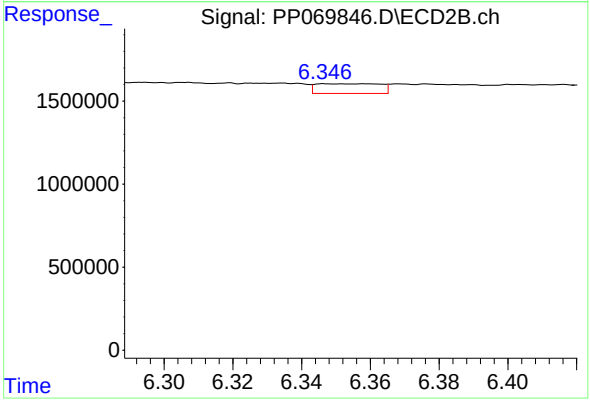
#29 AR-1254-4

R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 254138
Conc: 4.96 ng/ml



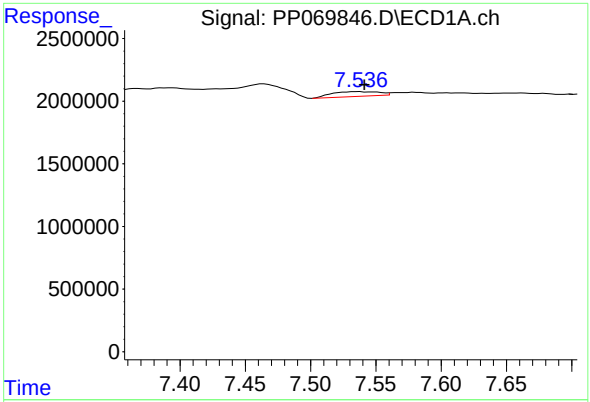
#31 AR-1260-1

R.T.: 7.320 min
Delta R.T.: 0.033 min
Response: 2209982
Conc: 37.82 ng/ml



#31 AR-1260-1

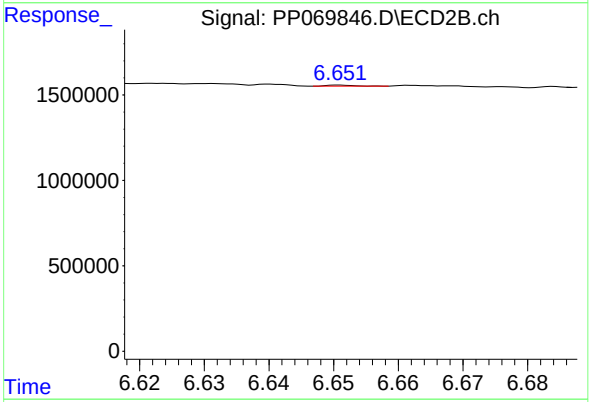
R.T.: 6.359 min
Delta R.T.: -0.068 min
Response: 754226
Conc: 15.64 ng/ml



#32 AR-1260-2

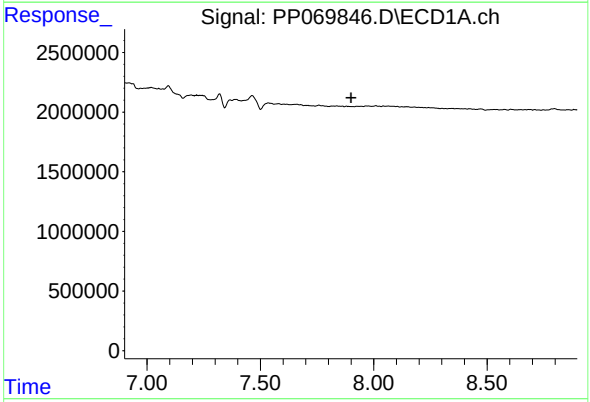
R.T.: 7.537 min
Delta R.T.: -0.005 min
Response: 967108
Conc: 12.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



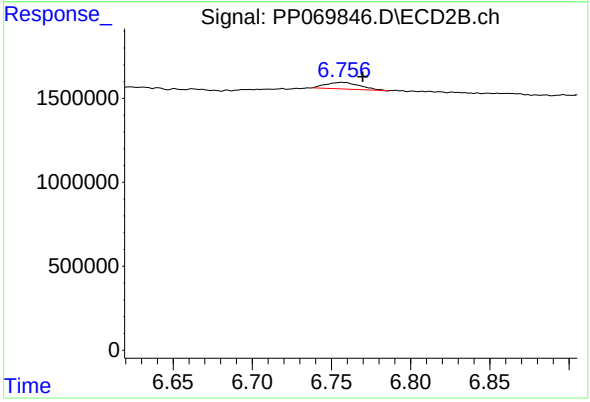
#32 AR-1260-2

R.T.: 6.651 min
Delta R.T.: 0.036 min
Response: 18892
Conc: 0.31 ng/ml



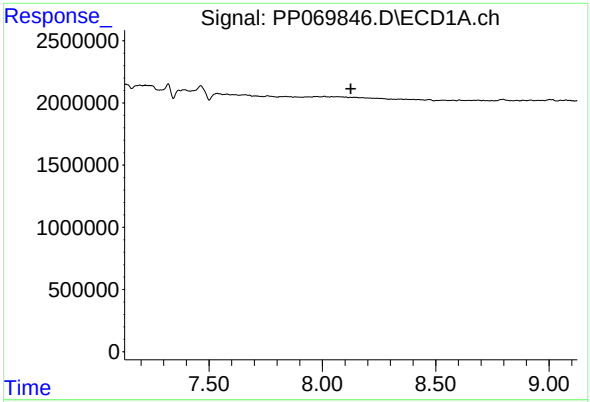
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

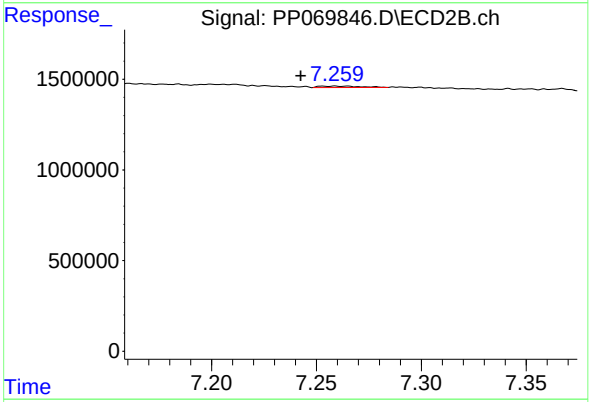
R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 587540
Conc: 9.77 ng/ml



#34 AR-1260-4

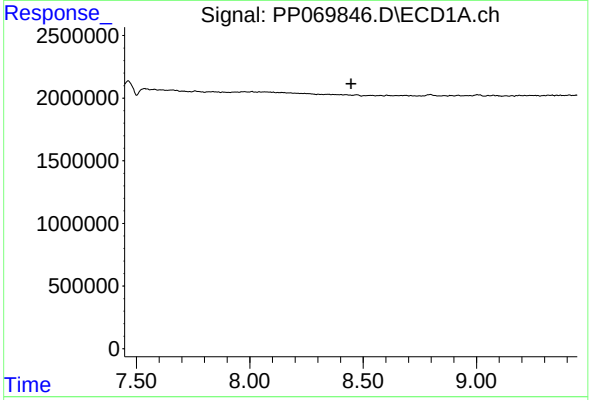
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



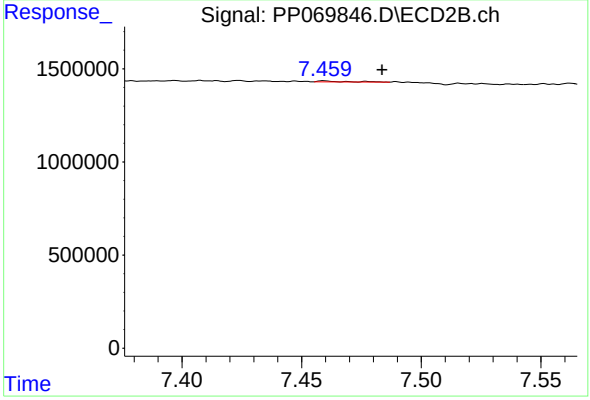
#34 AR-1260-4

R.T.: 7.259 min
Delta R.T.: 0.016 min
Response: 111194
Conc: 2.39 ng/ml



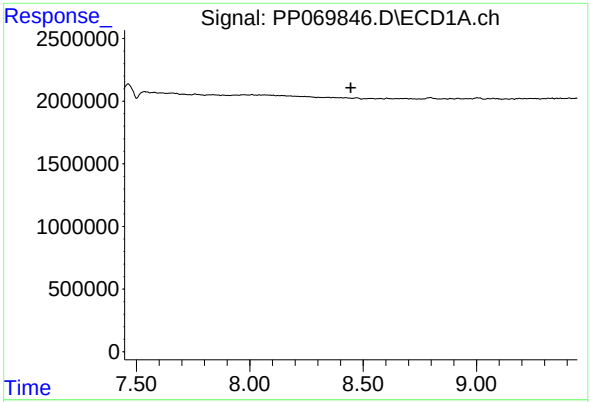
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#35 AR-1260-5

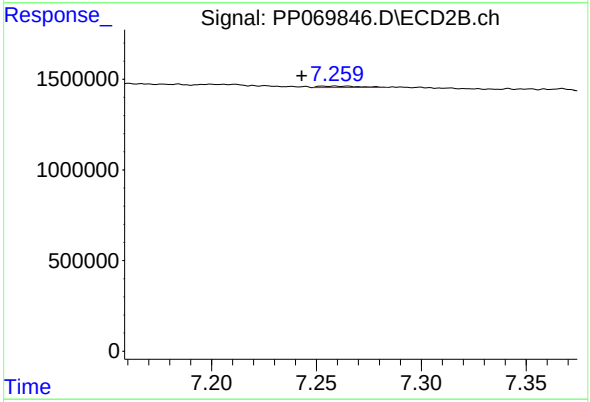
R.T.: 7.459 min
Delta R.T.: -0.024 min
Response: 41532
Conc: 0.37 ng/ml



#37 AR-1262-2

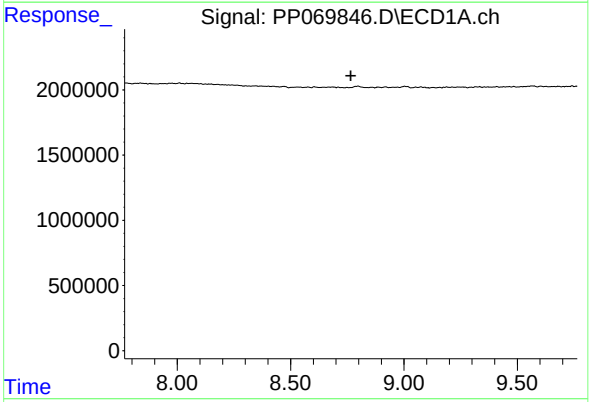
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



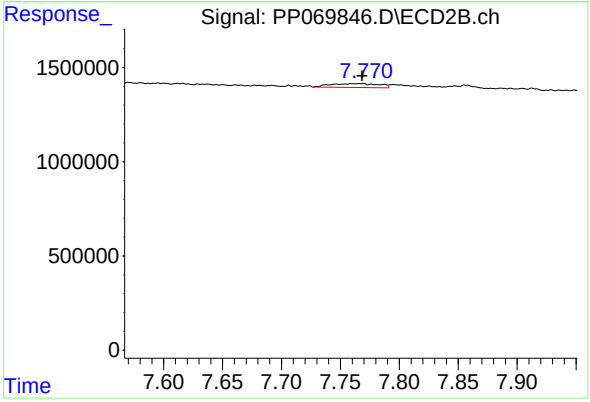
#37 AR-1262-2

R.T.: 7.259 min
Delta R.T.: 0.016 min
Response: 111194
Conc: 1.82 ng/ml



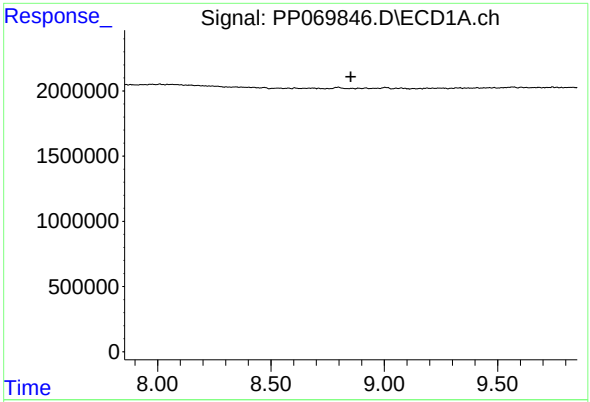
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

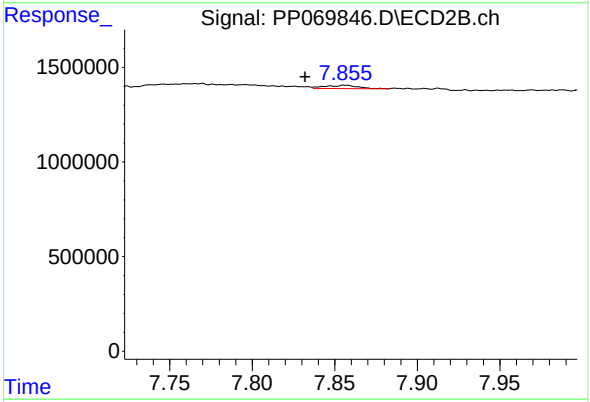
R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 581584
Conc: 11.12 ng/ml



#39 AR-1262-4

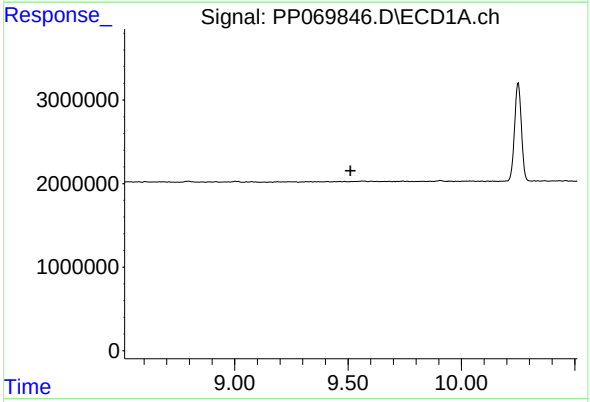
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



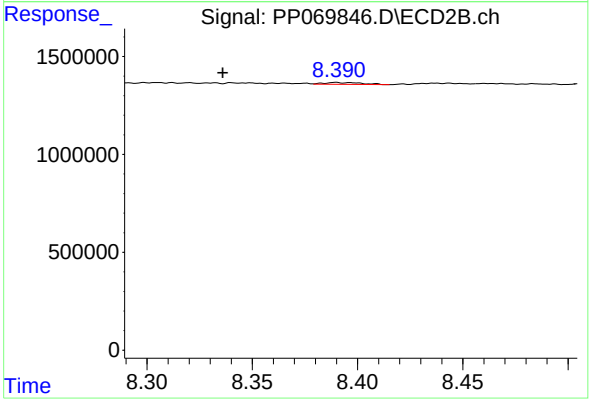
#39 AR-1262-4

R.T.: 7.856 min
Delta R.T.: 0.024 min
Response: 239869
Conc: 2.59 ng/ml



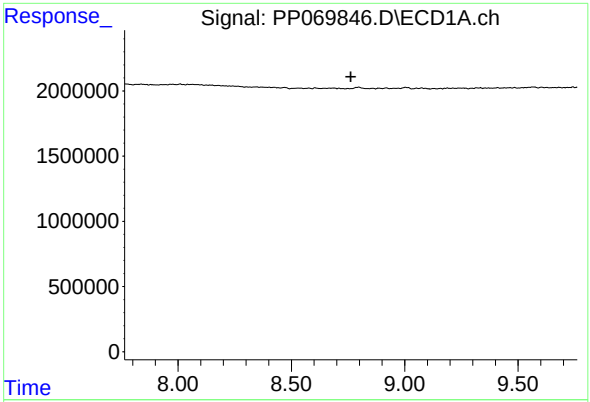
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

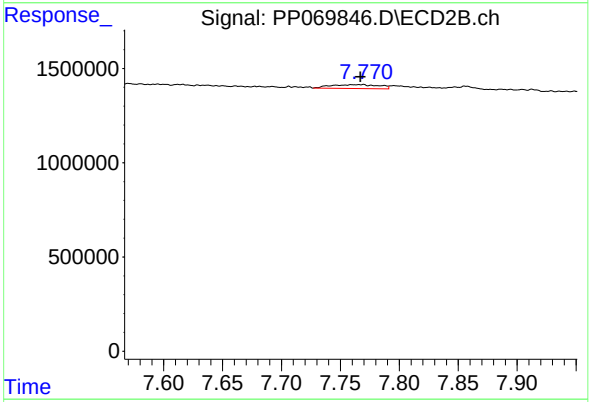
R.T.: 8.390 min
Delta R.T.: 0.054 min
Response: 115215
Conc: 2.41 ng/ml



#41 AR-1268-1

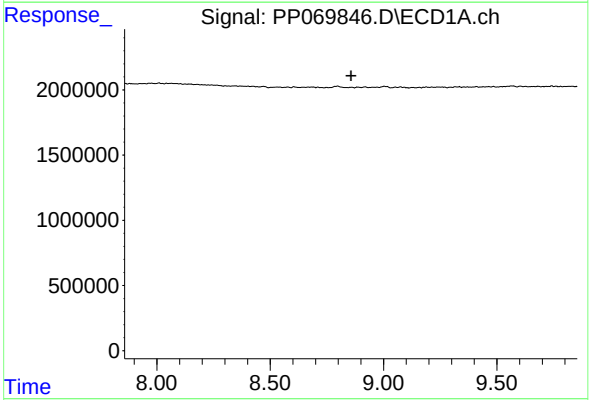
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



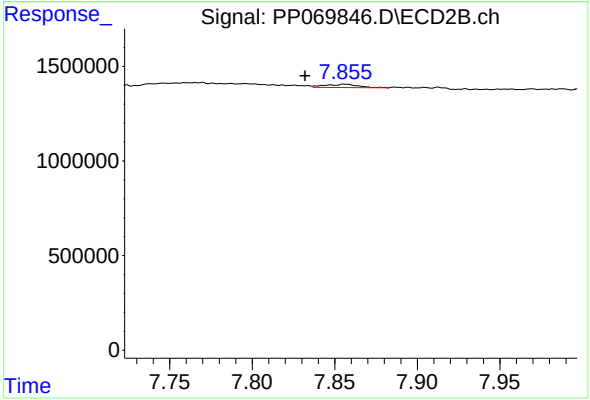
#41 AR-1268-1

R.T.: 7.769 min
Delta R.T.: 0.002 min
Response: 581584
Conc: 4.01 ng/ml



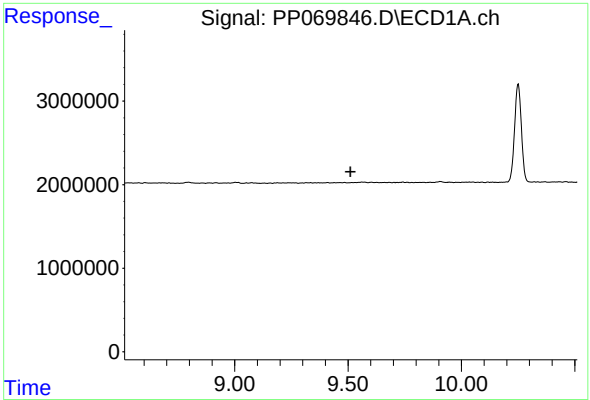
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

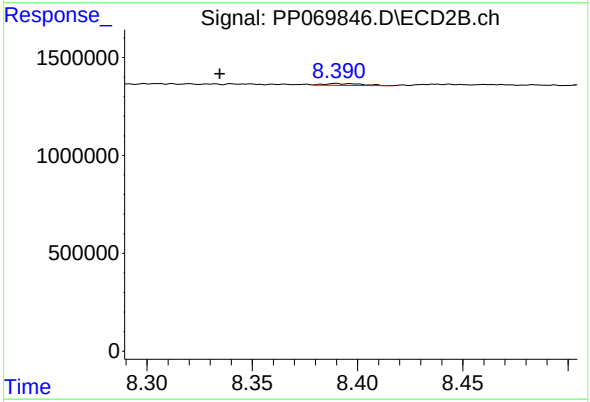
R.T.: 7.856 min
Delta R.T.: 0.024 min
Response: 239869
Conc: 1.81 ng/ml



#44 AR-1268-4

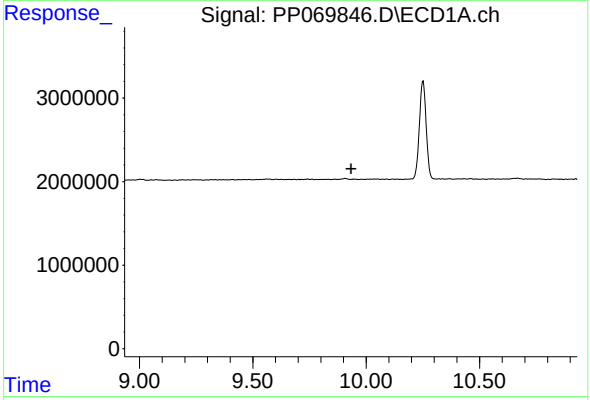
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



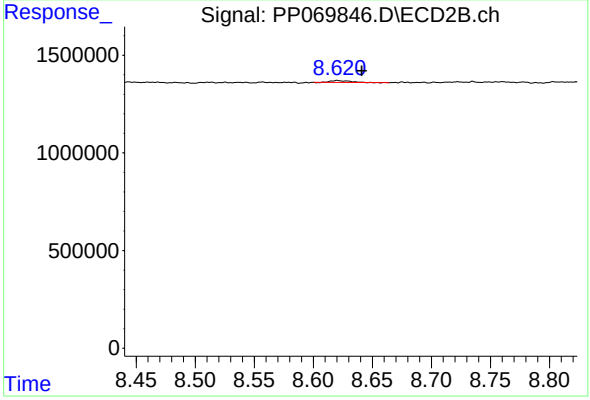
#44 AR-1268-4

R.T.: 8.390 min
Delta R.T.: 0.055 min
Response: 115215
Conc: 2.21 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 107799
Conc: 0.30 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:47
Operator : YP\AJ
Sample : Q1382-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:25:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.830	38335921	22227928	26.781	24.904	
2)	SA Decachlor...	10.254	8.888	25225932	25991755	23.082	23.238	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.971f	0	111139	N.D.	3.408	#
4)	L1 AR-1016-2	0.000	4.971	0	111139	N.D.	2.472	#
5)	L1 AR-1016-3	0.000	5.117	0	118801	N.D.	4.774	#
6)	L1 AR-1016-4	0.000	5.159	0	461235	N.D.	22.838	#
7)	L1 AR-1016-5	0.000	5.397	0	59523	N.D.	2.219	#
8)	L2 AR-1221-1	0.000	4.050	0	426431	N.D.	34.618	#
9)	L2 AR-1221-2	4.828	4.133	558353	861597	40.778	88.977	#
10)	L2 AR-1221-3	4.933	4.195	695104	25848	16.572	0.886	#
11)	L3 AR-1232-1	4.933f	4.195	695104	25848	20.878	1.101	#
12)	L3 AR-1232-2	5.383f	4.971	605878	111139	37.075	4.715	#
13)	L3 AR-1232-3	0.000	5.117	0	118801	N.D.	9.176	#
14)	L3 AR-1232-4	0.000	5.224	0	24829	N.D.	2.240	#
15)	L3 AR-1232-5	0.000	5.397	0	59523	N.D.	4.875	#
16)	L4 AR-1242-1	0.000	4.971f	0	111139	N.D.	3.855	#
17)	L4 AR-1242-2	0.000	4.971	0	111139	N.D.	2.821	#
18)	L4 AR-1242-3	0.000	5.117	0	118801	N.D.	5.279	#
19)	L4 AR-1242-4	0.000	5.224	0	24829	N.D.	1.150	#
20)	L4 AR-1242-5	0.000	5.727	0	973067	N.D.	33.824	#
21)	L5 AR-1248-1	0.000	4.971f	0	111139	N.D.	5.049	#
22)	L5 AR-1248-2	0.000	5.159	0	461235	N.D.	15.341	#
23)	L5 AR-1248-3	0.000	5.224	0	24829	N.D.	0.801	#
24)	L5 AR-1248-4	6.529f	5.397	735252	59523	13.339	1.611	#
25)	L5 AR-1248-5	0.000	5.768	0	296630	N.D.	7.934	#
26)	L6 AR-1254-1	6.529	5.727	735252	973067	12.707	17.674	#
27)	L6 AR-1254-2	6.746	5.875	1359944	939825	16.948	19.430	
28)	L6 AR-1254-3	7.109	6.280	811915	808472	9.633	10.652	
29)	L6 AR-1254-4	7.387	6.508	614949	599665	9.018	11.701	#
30)	L6 AR-1254-5	7.806	6.925	321495	395552	4.725	5.943	#
31)	L7 AR-1260-1	0.000	6.414	0	297103	N.D.	6.160	#
32)	L7 AR-1260-2	7.532	6.599	871546	448370	11.201	7.314	#
33)	L7 AR-1260-3	0.000	6.755	0	578639	N.D.	9.619	#
34)	L7 AR-1260-4	8.091	7.268	877998	241444	13.308	5.196	#
35)	L7 AR-1260-5	8.394f	7.431f	418978	175837	3.200	1.582	#
36)	L8 AR-1262-1	8.091	6.925f	877998	395552	11.111	5.570	#
37)	L8 AR-1262-2	8.394f	7.268	418978	241444	2.740	3.959	#
38)	L8 AR-1262-3	0.000	7.792	0	24373	N.D.	0.466	#
39)	L8 AR-1262-4	0.000	7.792f	0	24373	N.D.	0.264	#
40)	L8 AR-1262-5	0.000	8.273f	0	70264	N.D.	1.470	#
41)	L9 AR-1268-1	0.000	7.792	0	24373	N.D.	0.168	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:47
Operator : YP\AJ
Sample : Q1382-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:25:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.792f	0	24373	N.D.	0.184 #
43) L9	AR-1268-3	0.000	8.029	0	82592	N.D.	0.726 #
44) L9	AR-1268-4	0.000	8.273f	0	70264	N.D.	1.349 #
45) L9	AR-1268-5	0.000	8.622	0	152954	N.D.	0.429 #

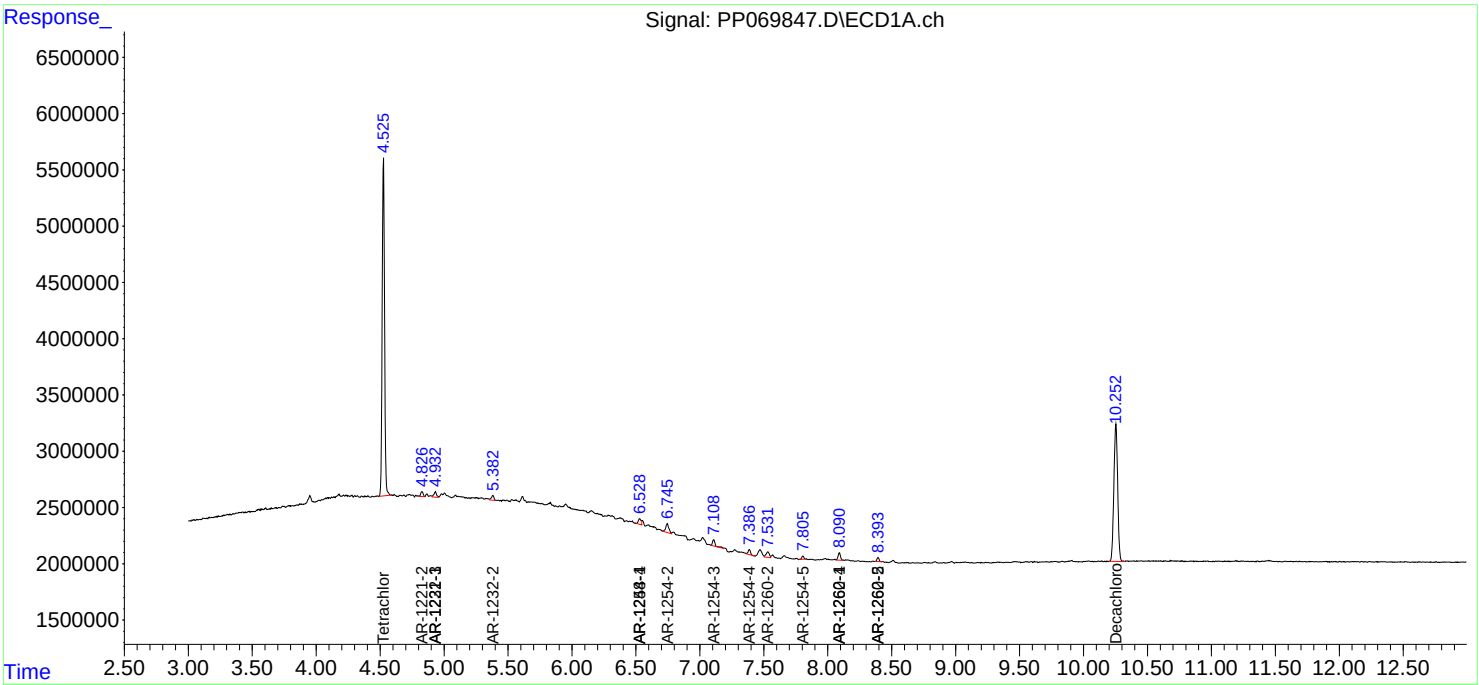
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

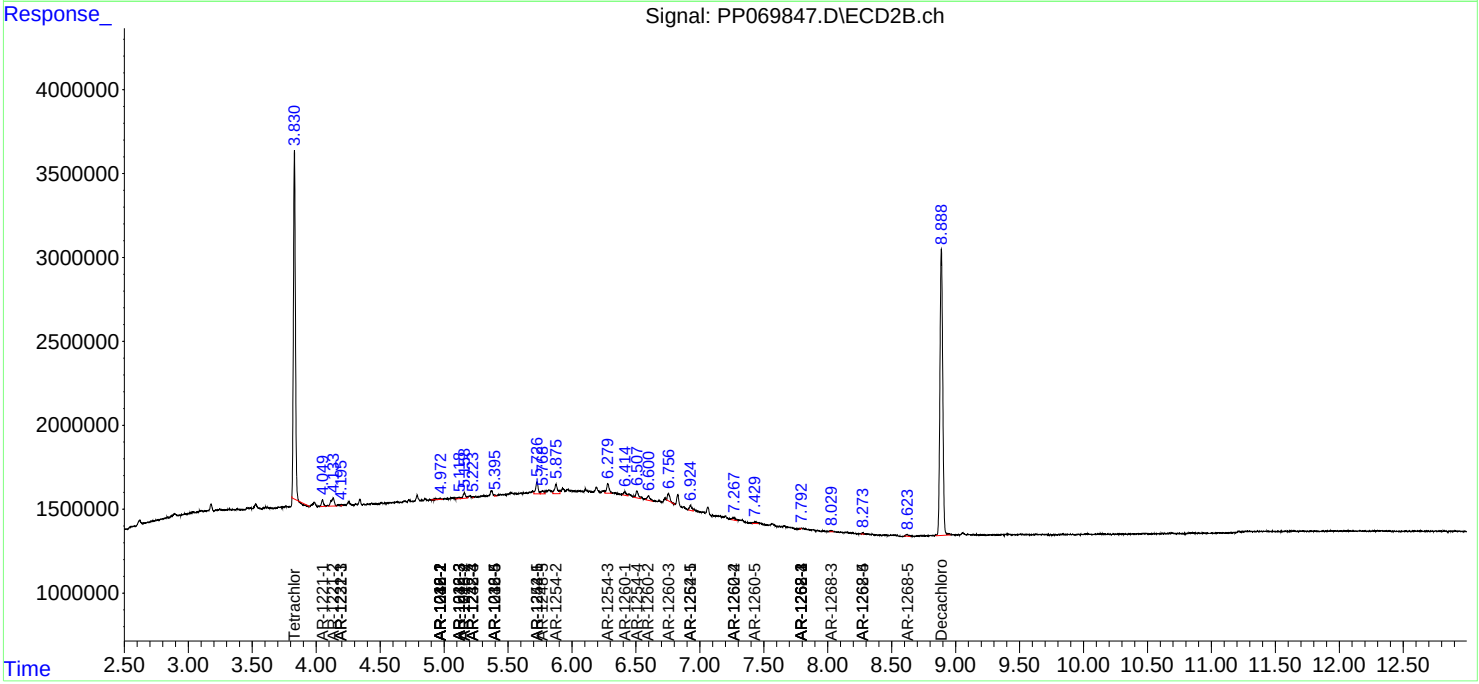
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069847.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 16:47
Operator : YP\AJ
Sample : Q1382-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

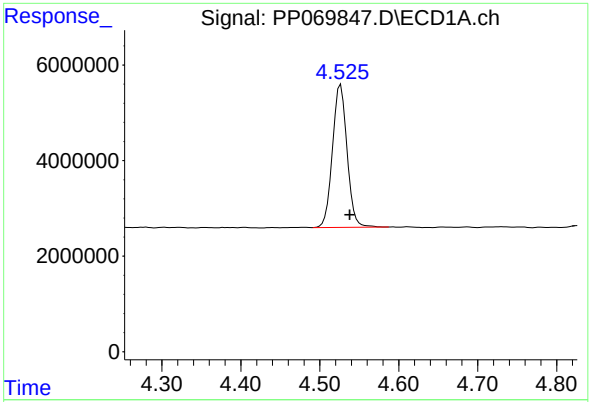
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:25:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



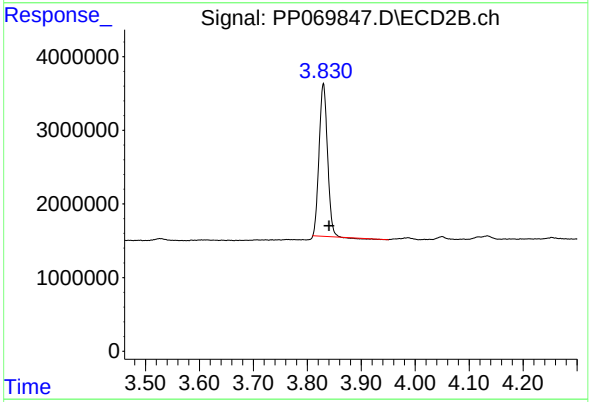




#1 Tetrachloro-m-xylene

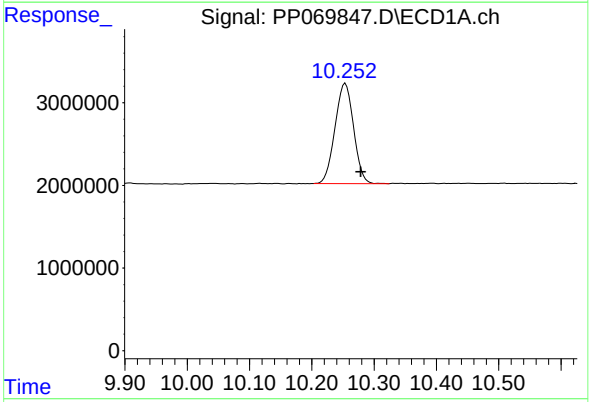
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 38335921
Conc: 26.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



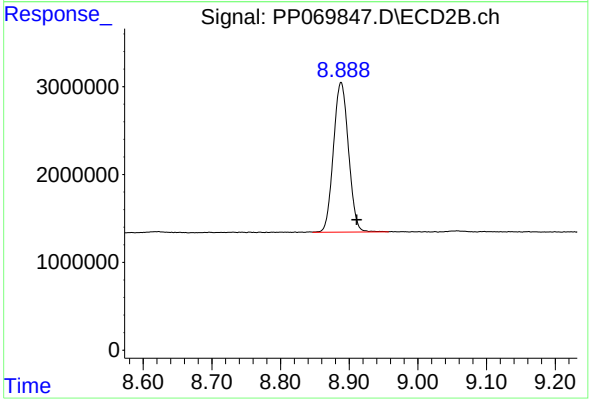
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22227928
Conc: 24.90 ng/ml



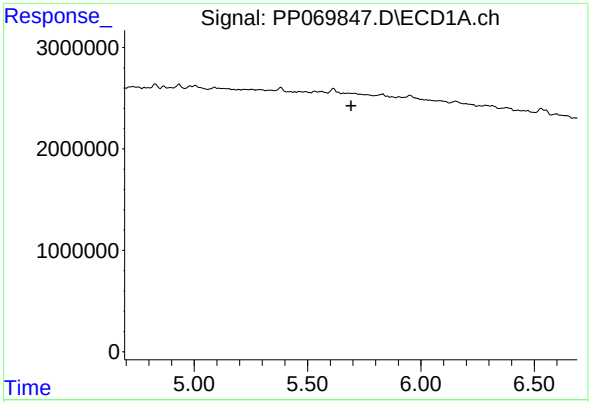
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 25225932
Conc: 23.08 ng/ml



#2 Decachlorobiphenyl

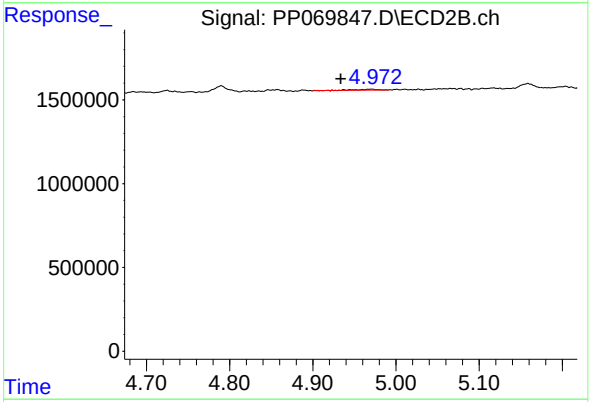
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 25991755
Conc: 23.24 ng/ml



#3 AR-1016-1

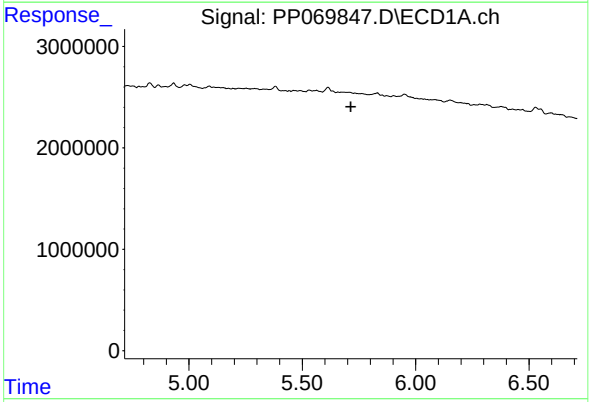
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



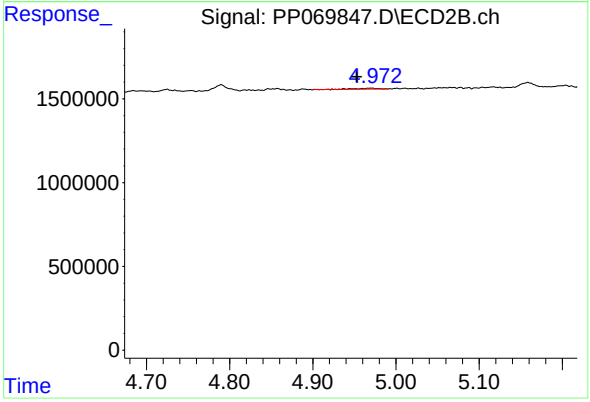
#3 AR-1016-1

R.T.: 4.971 min
Delta R.T.: 0.037 min
Response: 111139
Conc: 3.41 ng/ml



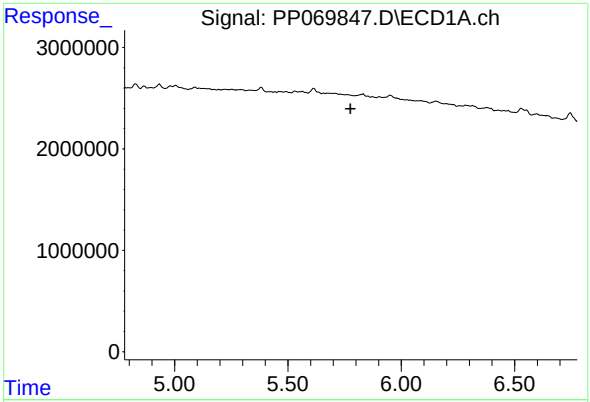
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

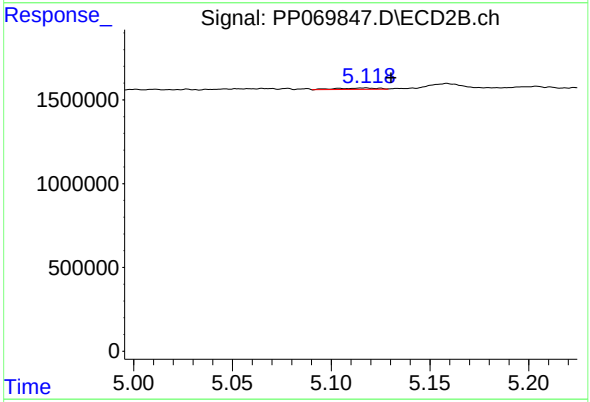
R.T.: 4.971 min
Delta R.T.: 0.018 min
Response: 111139
Conc: 2.47 ng/ml



#5 AR-1016-3

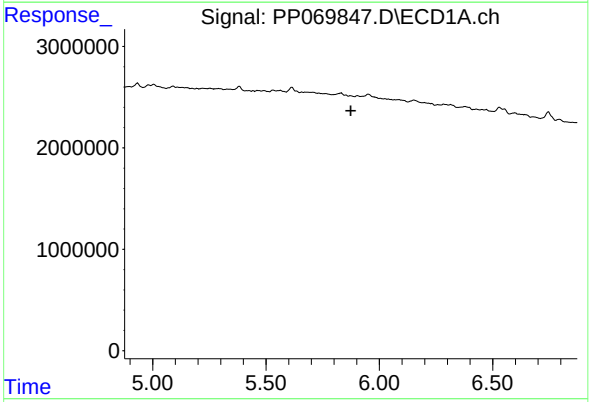
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



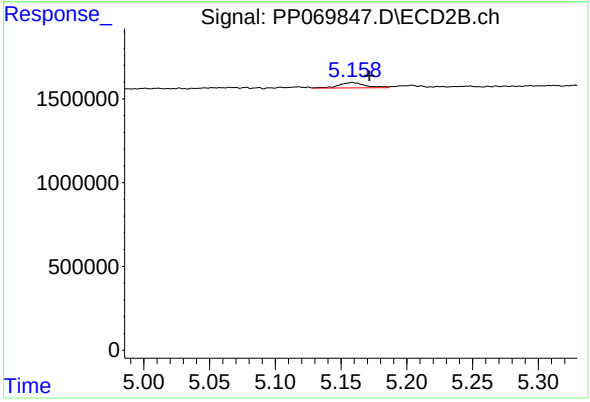
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 118801
Conc: 4.77 ng/ml



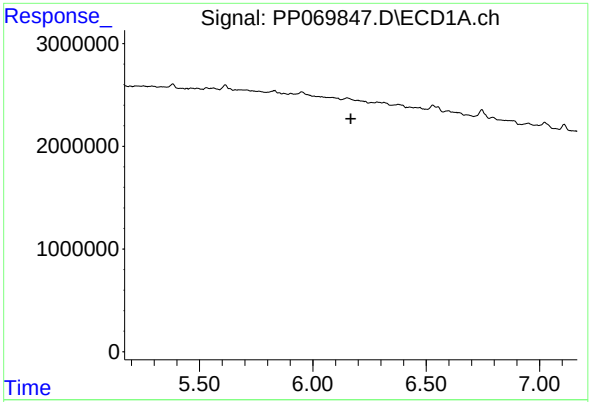
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

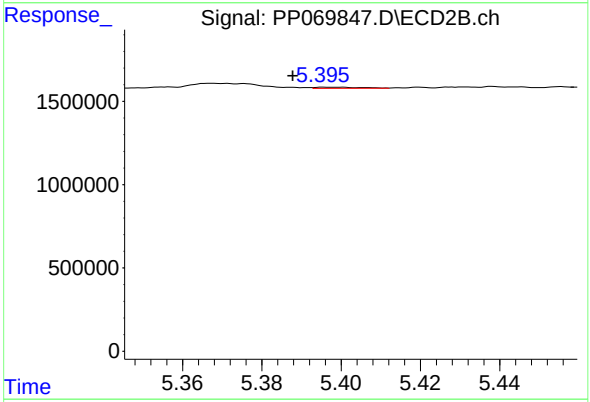
R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 461235
Conc: 22.84 ng/ml



#7 AR-1016-5

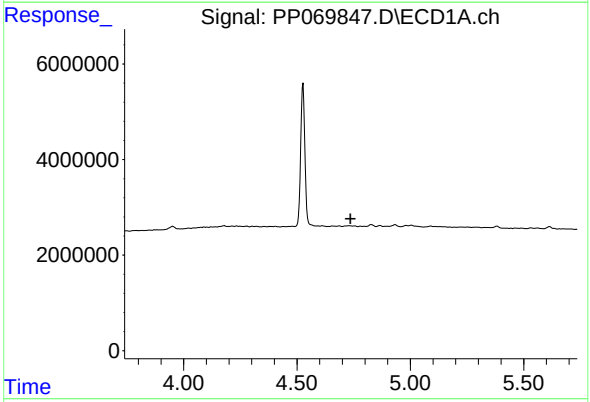
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



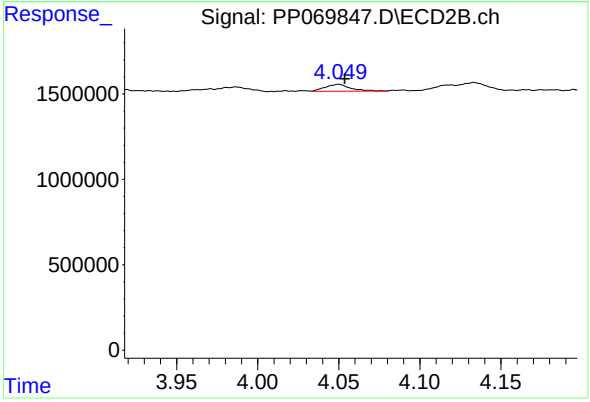
#7 AR-1016-5

R.T.: 5.397 min
Delta R.T.: 0.009 min
Response: 59523
Conc: 2.22 ng/ml



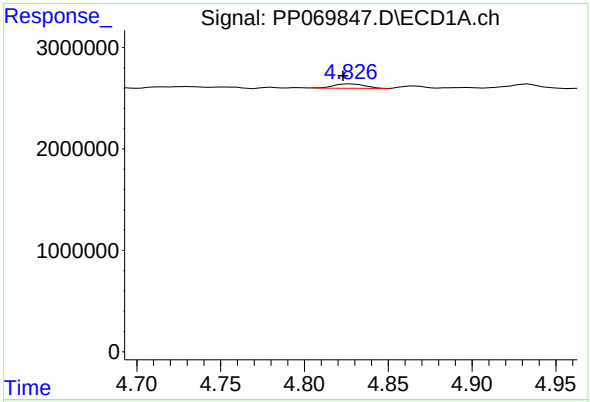
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

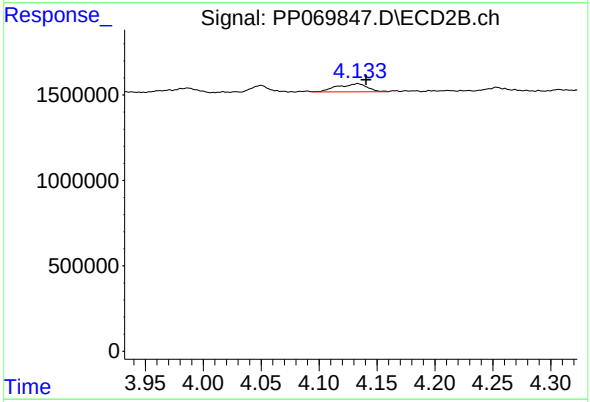
R.T.: 4.050 min
Delta R.T.: -0.004 min
Response: 426431
Conc: 34.62 ng/ml



#9 AR-1221-2

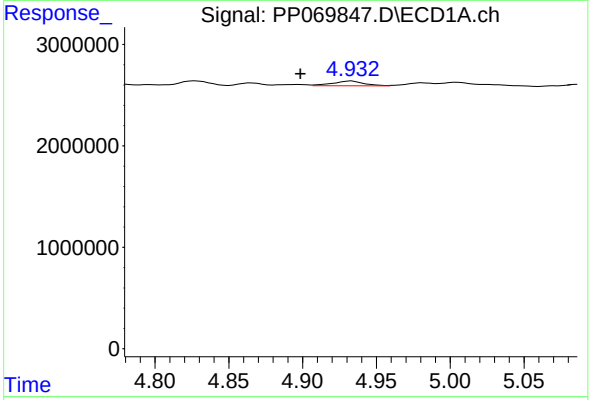
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 558353
Conc: 40.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



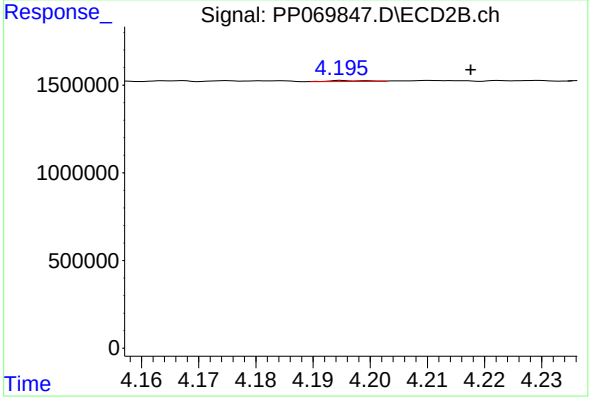
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 861597
Conc: 88.98 ng/ml



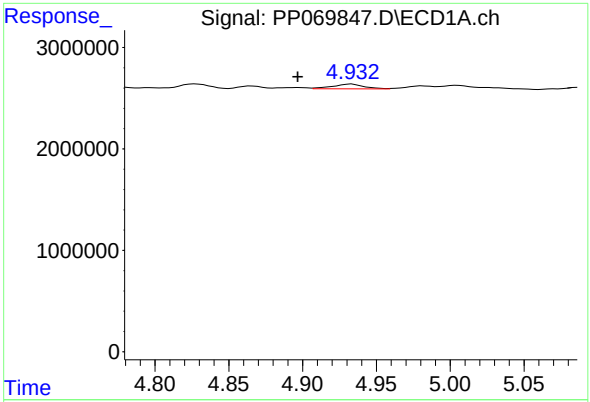
#10 AR-1221-3

R.T.: 4.933 min
Delta R.T.: 0.035 min
Response: 695104
Conc: 16.57 ng/ml



#10 AR-1221-3

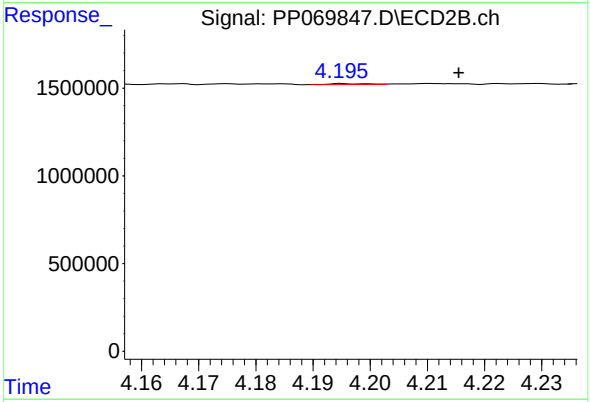
R.T.: 4.195 min
Delta R.T.: -0.022 min
Response: 25848
Conc: 0.89 ng/ml



#11 AR-1232-1

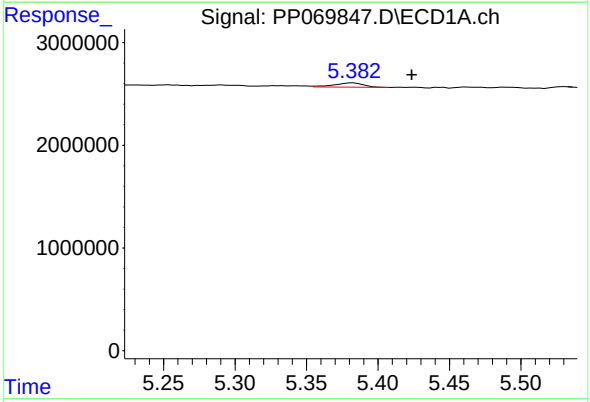
R.T.: 4.933 min
Delta R.T.: 0.037 min
Response: 695104
Conc: 20.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



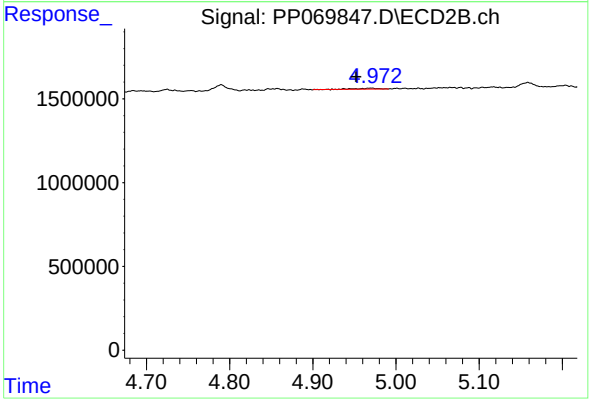
#11 AR-1232-1

R.T.: 4.195 min
Delta R.T.: -0.020 min
Response: 25848
Conc: 1.10 ng/ml



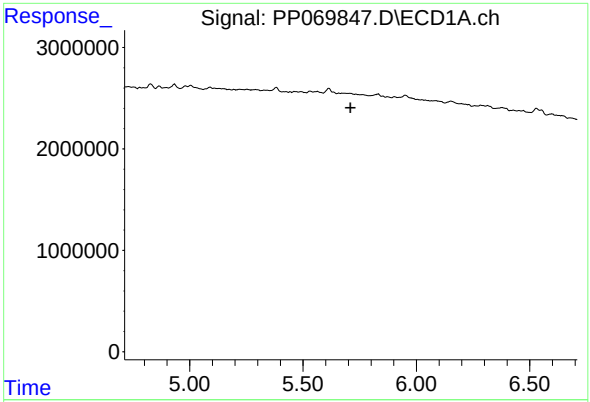
#12 AR-1232-2

R.T.: 5.383 min
Delta R.T.: -0.041 min
Response: 605878
Conc: 37.07 ng/ml



#12 AR-1232-2

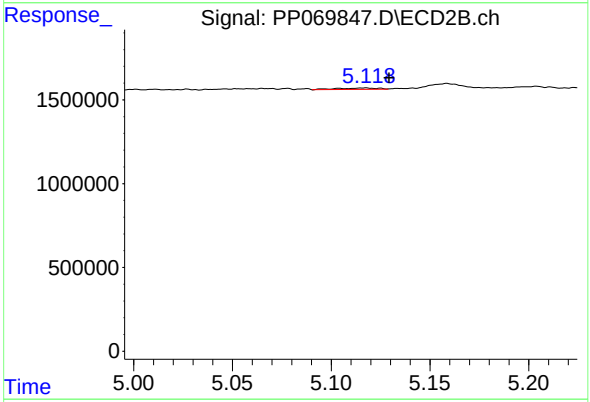
R.T.: 4.971 min
Delta R.T.: 0.019 min
Response: 111139
Conc: 4.71 ng/ml



#13 AR-1232-3

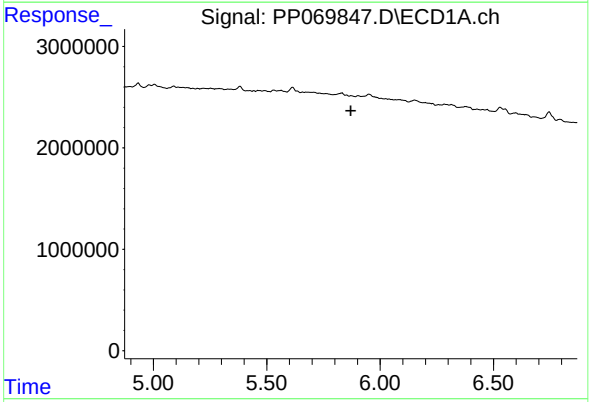
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



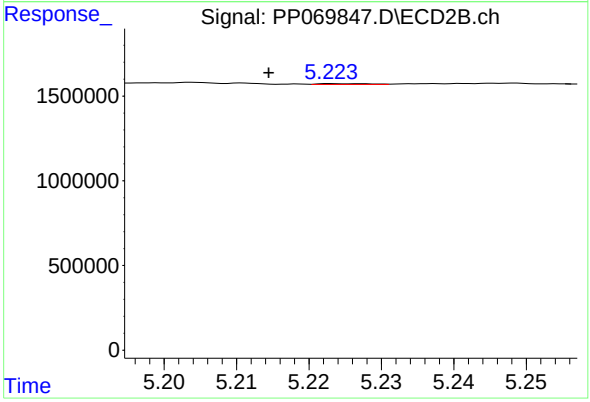
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 118801
Conc: 9.18 ng/ml



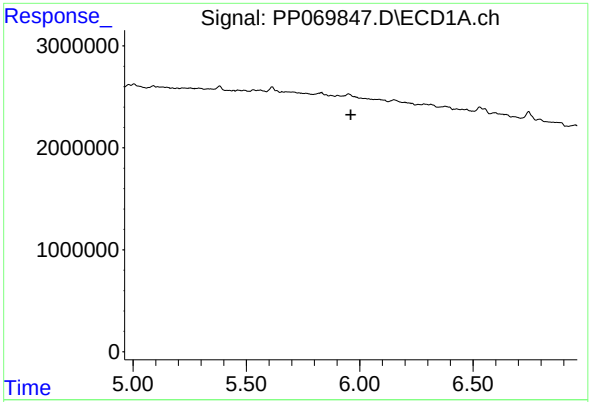
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

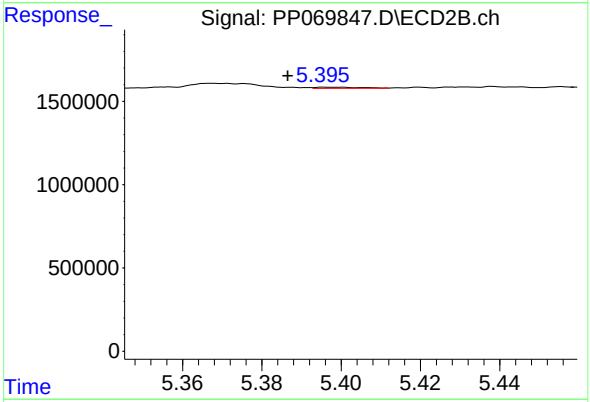
R.T.: 5.224 min
Delta R.T.: 0.010 min
Response: 24829
Conc: 2.24 ng/ml



#15 AR-1232-5

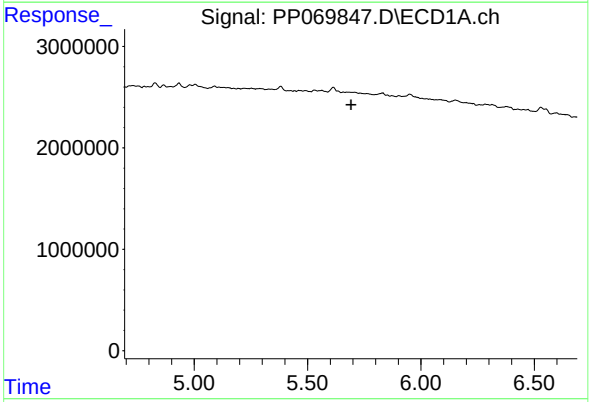
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



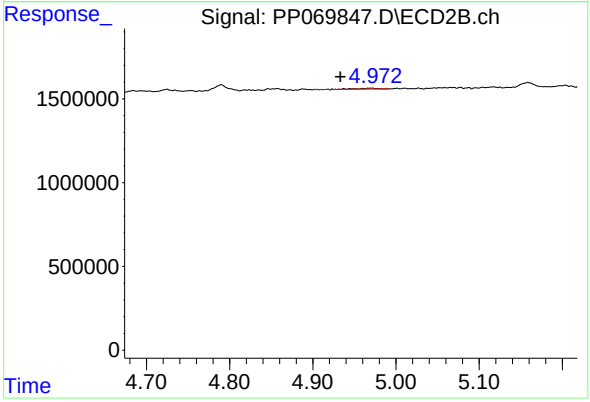
#15 AR-1232-5

R.T.: 5.397 min
Delta R.T.: 0.010 min
Response: 59523
Conc: 4.87 ng/ml



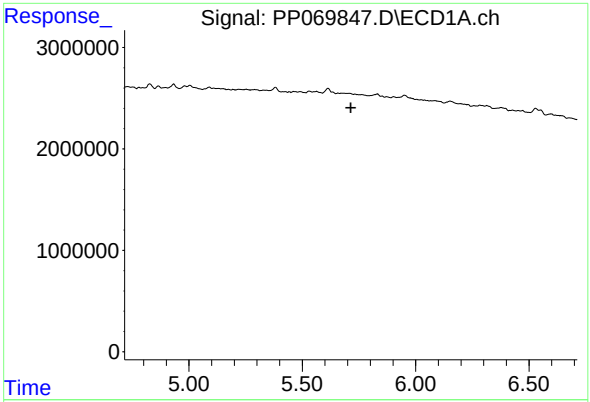
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

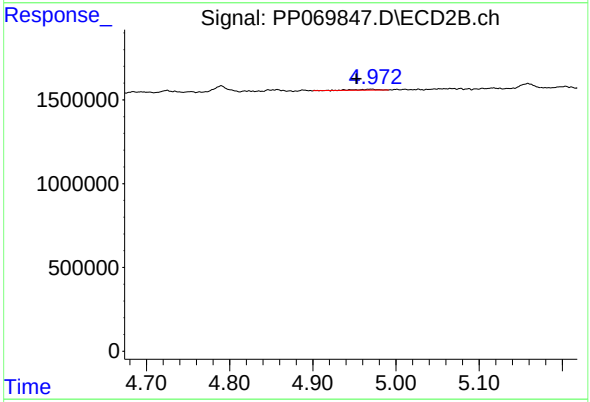
R.T.: 4.971 min
Delta R.T.: 0.038 min
Response: 111139
Conc: 3.85 ng/ml



#17 AR-1242-2

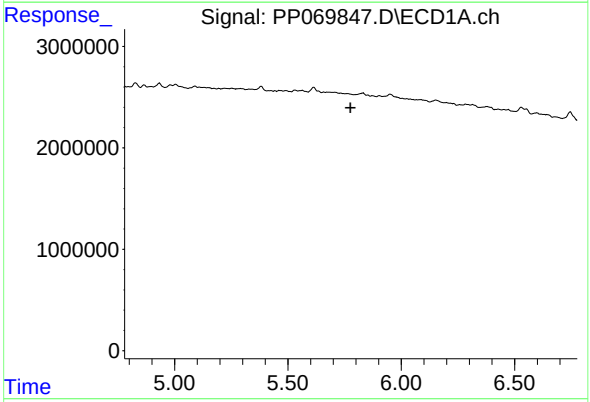
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



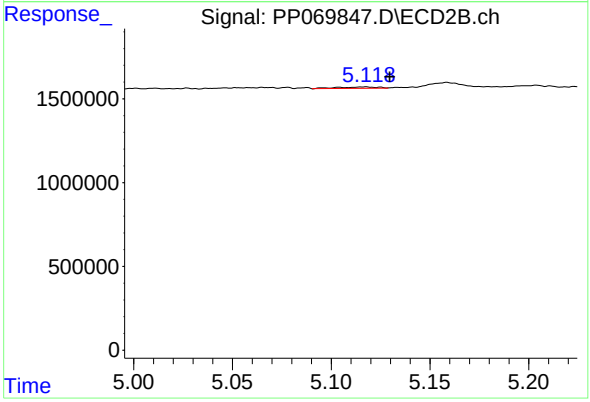
#17 AR-1242-2

R.T.: 4.971 min
Delta R.T.: 0.019 min
Response: 111139
Conc: 2.82 ng/ml



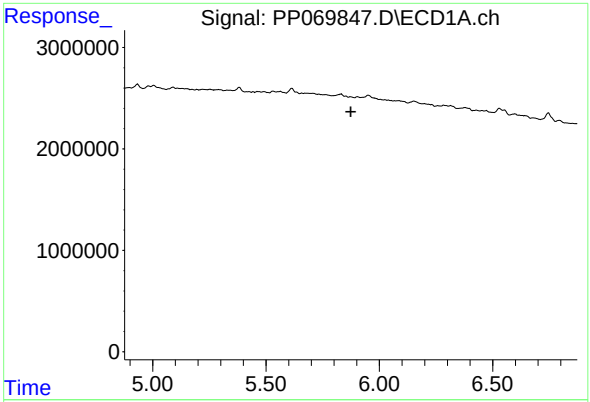
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

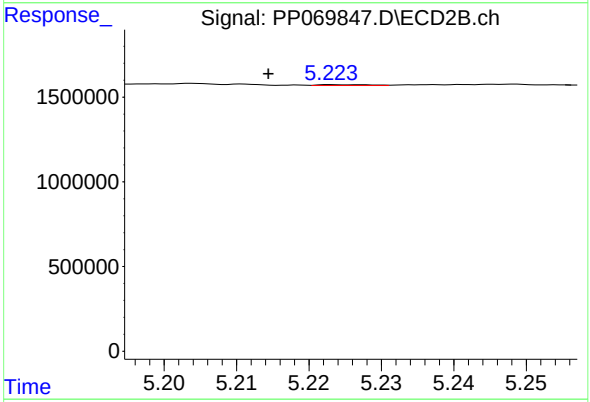
R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 118801
Conc: 5.28 ng/ml



#19 AR-1242-4

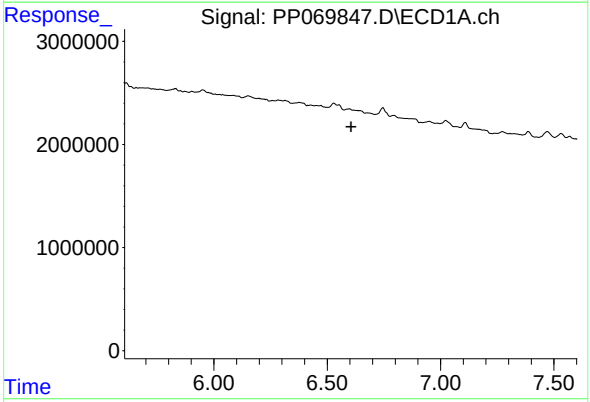
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



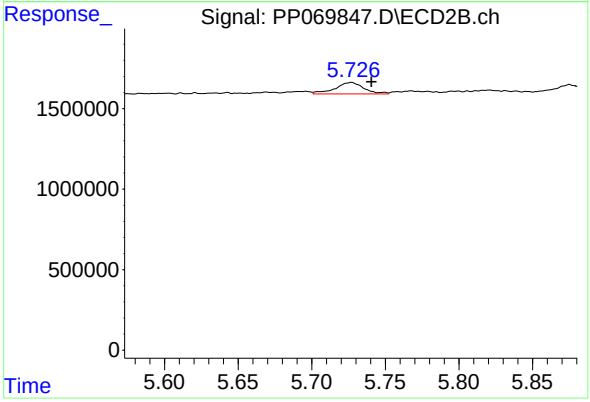
#19 AR-1242-4

R.T.: 5.224 min
Delta R.T.: 0.010 min
Response: 24829
Conc: 1.15 ng/ml



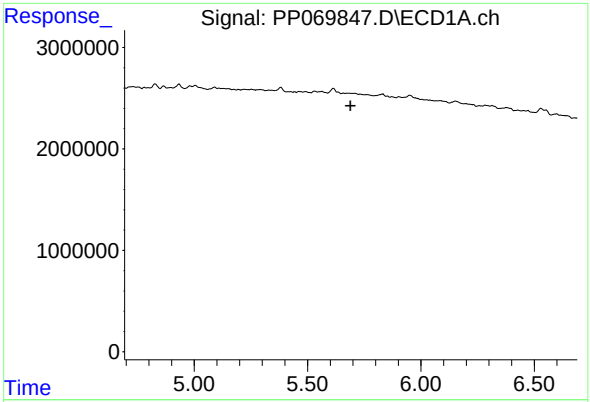
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

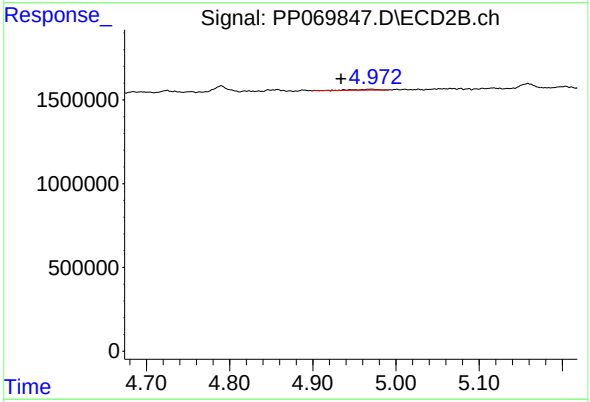
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 973067
Conc: 33.82 ng/ml



#21 AR-1248-1

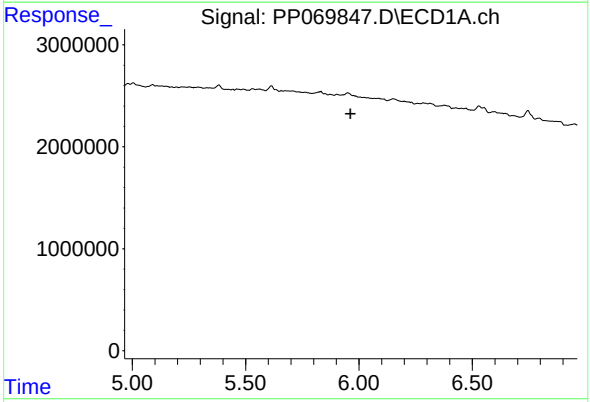
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



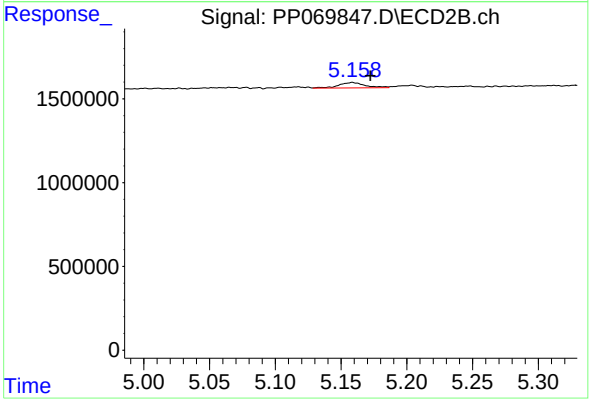
#21 AR-1248-1

R.T.: 4.971 min
Delta R.T.: 0.037 min
Response: 111139
Conc: 5.05 ng/ml



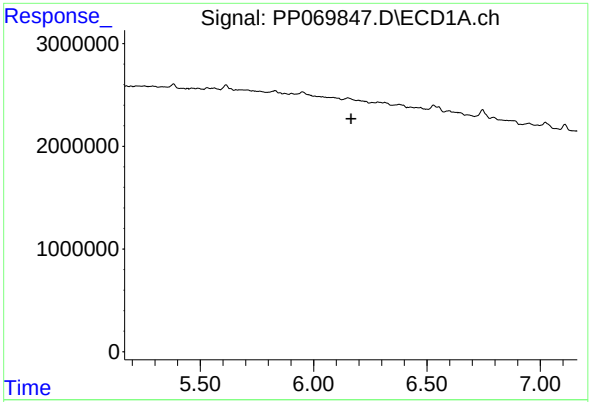
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

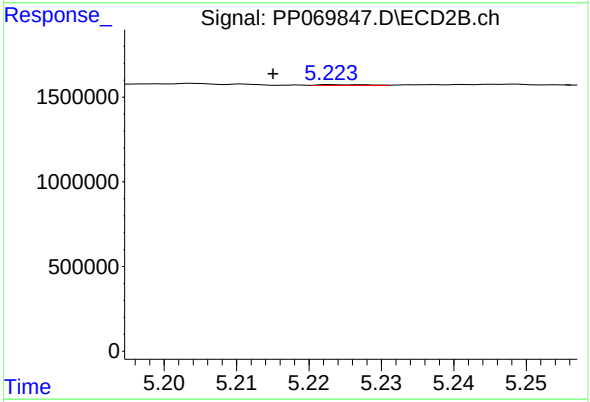
R.T.: 5.159 min
Delta R.T.: -0.014 min
Response: 461235
Conc: 15.34 ng/ml



#23 AR-1248-3

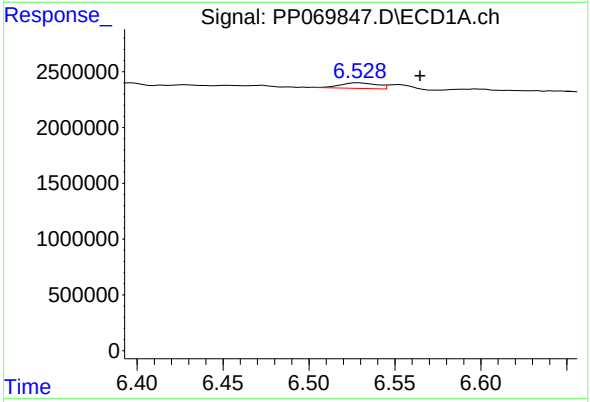
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



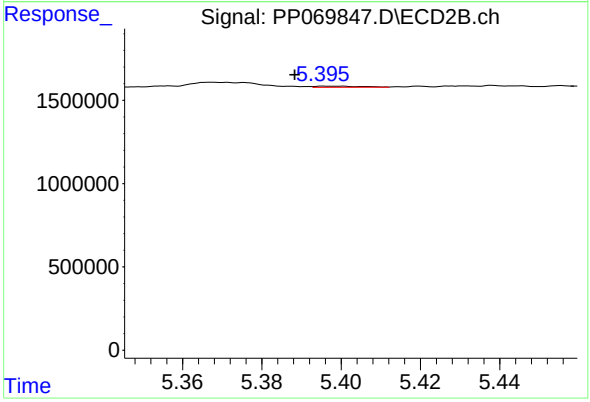
#23 AR-1248-3

R.T.: 5.224 min
Delta R.T.: 0.009 min
Response: 24829
Conc: 0.80 ng/ml



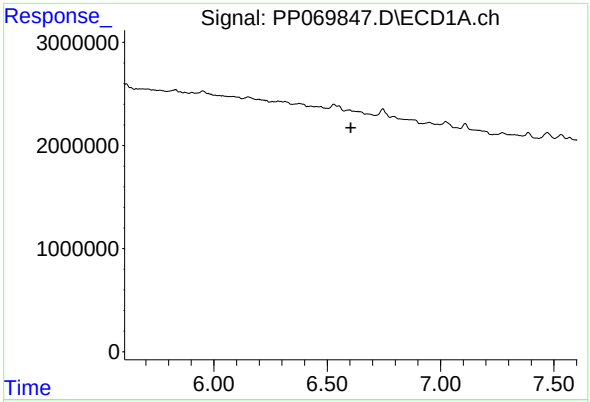
#24 AR-1248-4

R.T.: 6.529 min
Delta R.T.: -0.035 min
Response: 735252
Conc: 13.34 ng/ml



#24 AR-1248-4

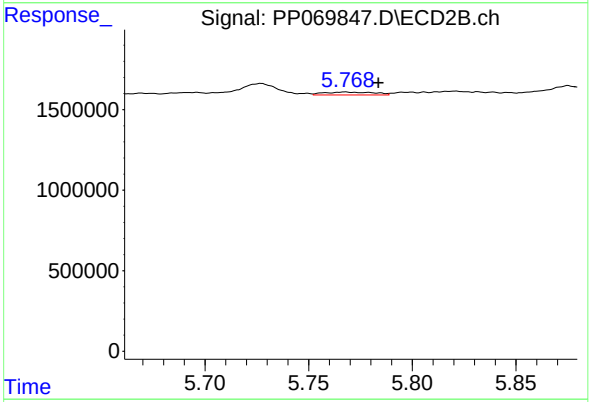
R.T.: 5.397 min
Delta R.T.: 0.008 min
Response: 59523
Conc: 1.61 ng/ml



#25 AR-1248-5

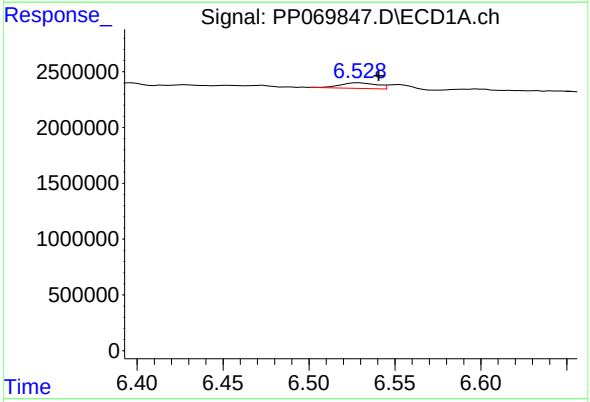
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



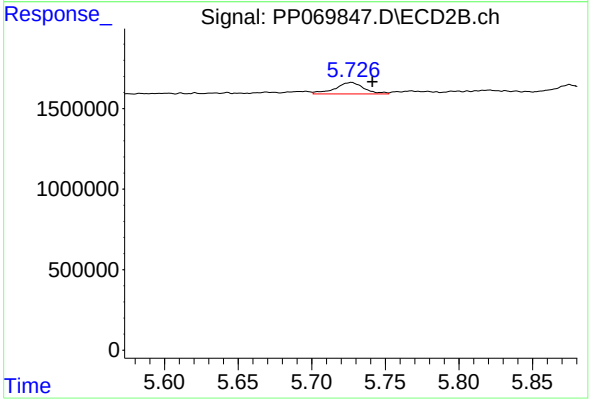
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 296630
Conc: 7.93 ng/ml



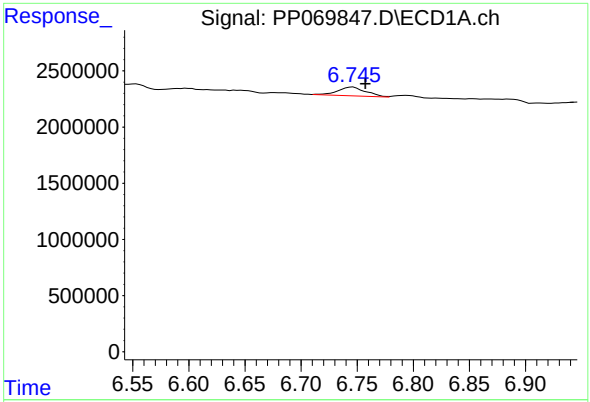
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 735252
Conc: 12.71 ng/ml



#26 AR-1254-1

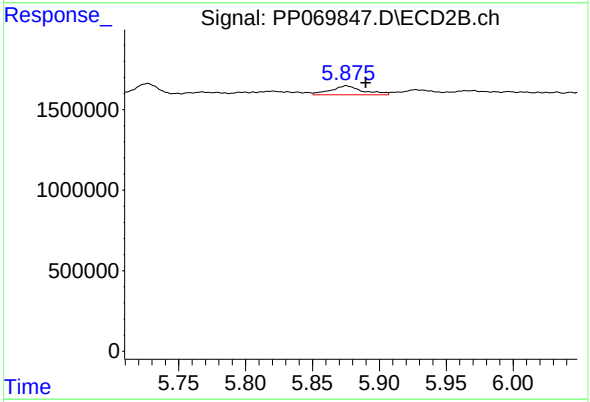
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 973067
Conc: 17.67 ng/ml



#27 AR-1254-2

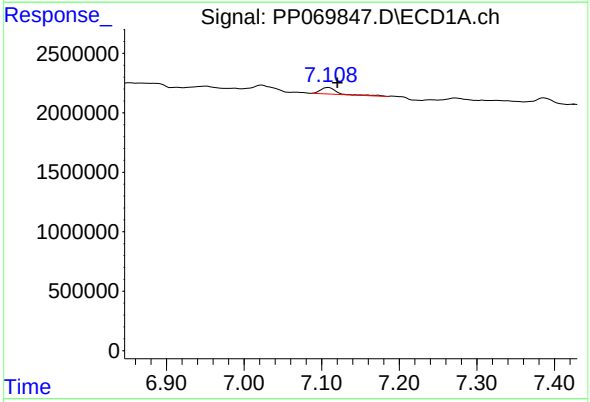
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 1359944
Conc: 16.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



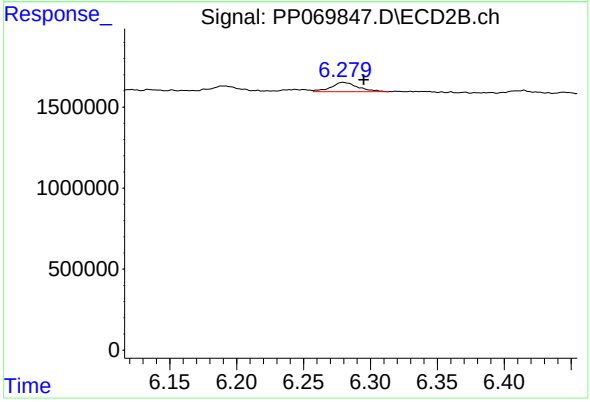
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 939825
Conc: 19.43 ng/ml



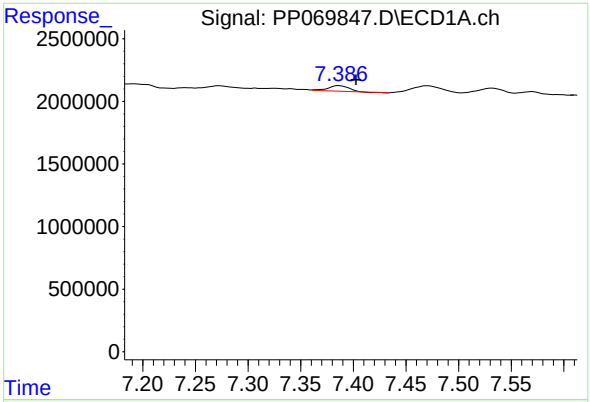
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 811915
Conc: 9.63 ng/ml



#28 AR-1254-3

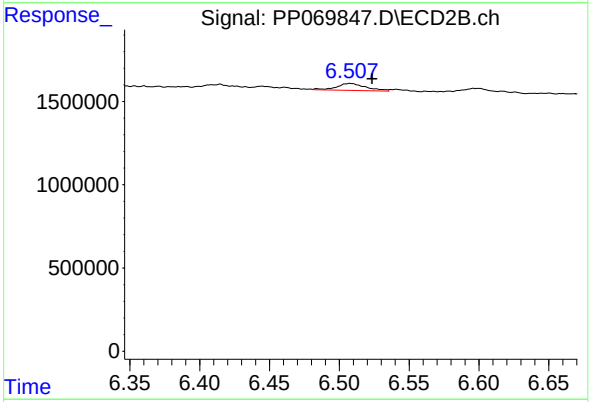
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 808472
Conc: 10.65 ng/ml



#29 AR-1254-4

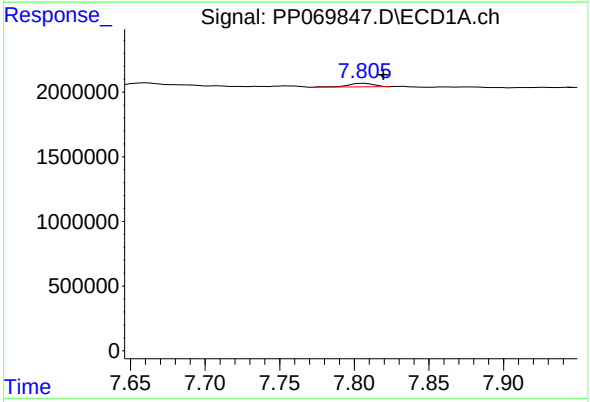
R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 614949
Conc: 9.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



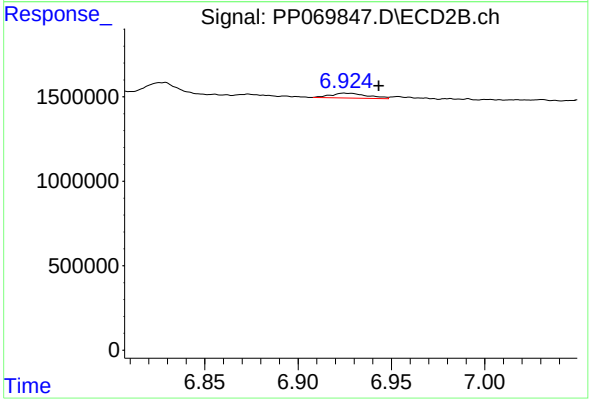
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.016 min
Response: 599665
Conc: 11.70 ng/ml



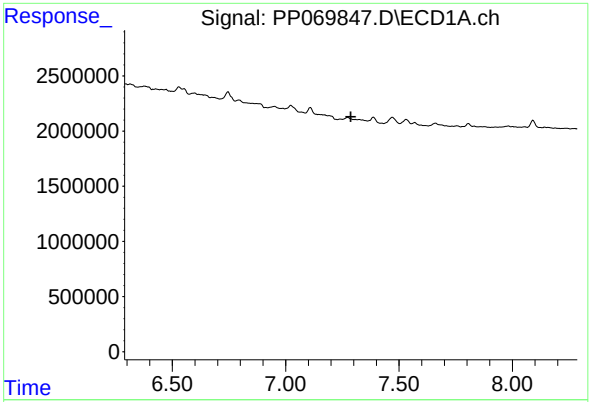
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.013 min
Response: 321495
Conc: 4.72 ng/ml



#30 AR-1254-5

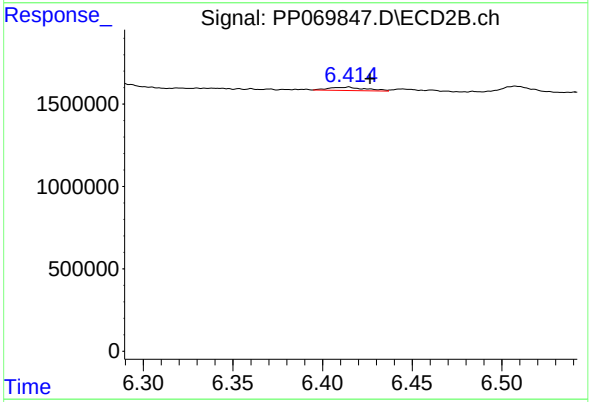
R.T.: 6.925 min
Delta R.T.: -0.018 min
Response: 395552
Conc: 5.94 ng/ml



#31 AR-1260-1

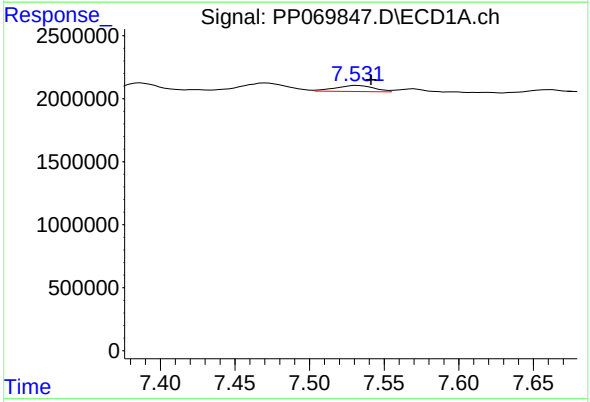
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



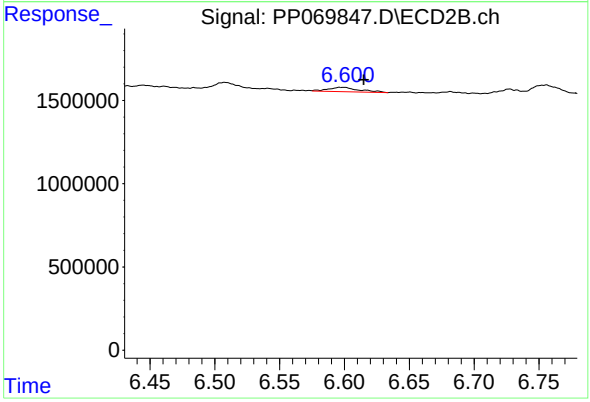
#31 AR-1260-1

R.T.: 6.414 min
Delta R.T.: -0.012 min
Response: 297103
Conc: 6.16 ng/ml



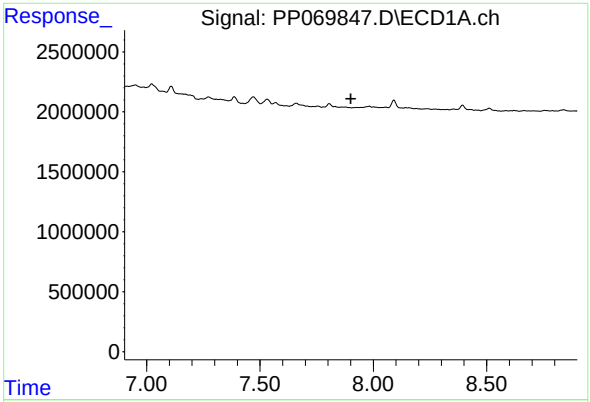
#32 AR-1260-2

R.T.: 7.532 min
Delta R.T.: -0.009 min
Response: 871546
Conc: 11.20 ng/ml



#32 AR-1260-2

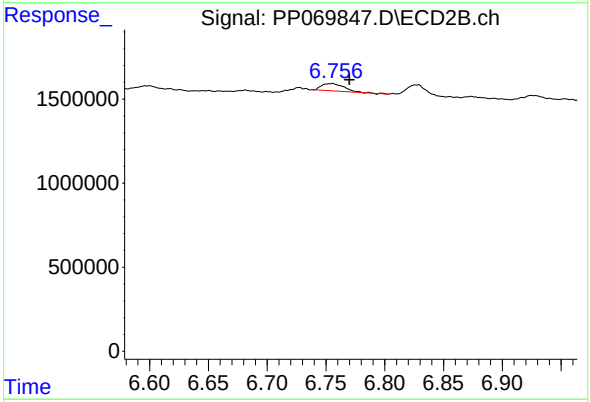
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 448370
Conc: 7.31 ng/ml



#33 AR-1260-3

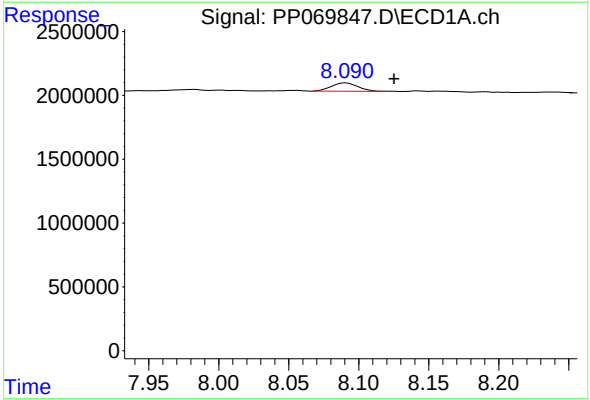
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



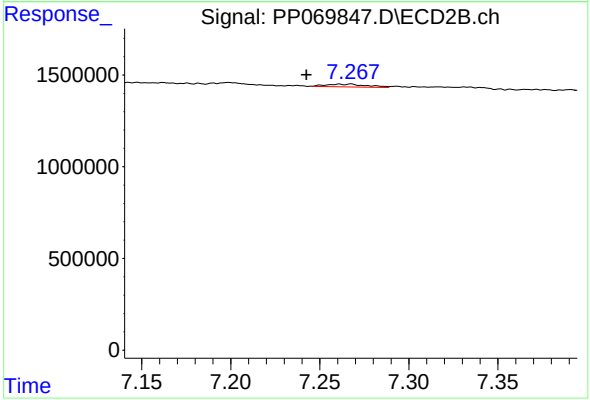
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 578639
Conc: 9.62 ng/ml



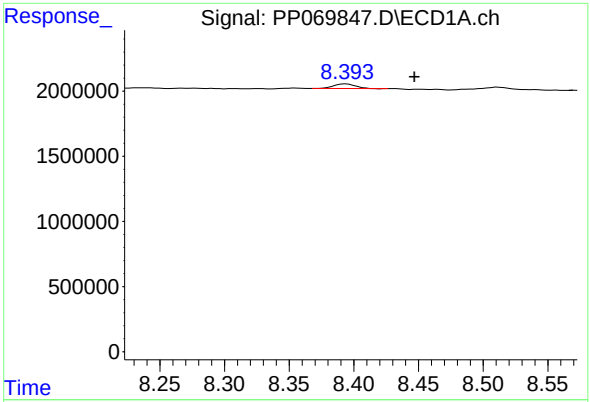
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.034 min
Response: 877998
Conc: 13.31 ng/ml



#34 AR-1260-4

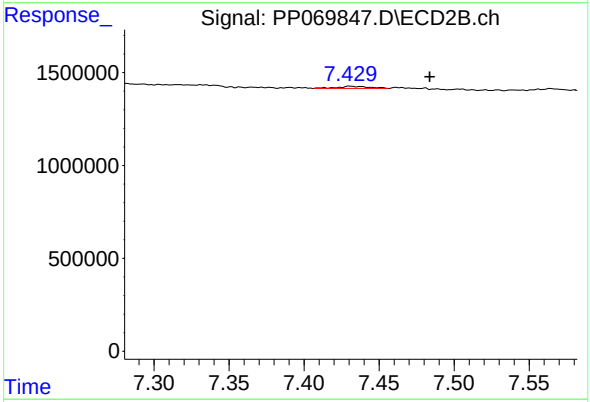
R.T.: 7.268 min
Delta R.T.: 0.025 min
Response: 241444
Conc: 5.20 ng/ml



#35 AR-1260-5

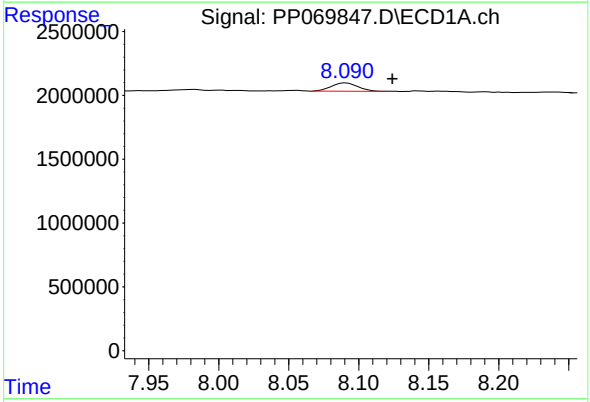
R.T.: 8.394 min
Delta R.T.: -0.053 min
Response: 418978
Conc: 3.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



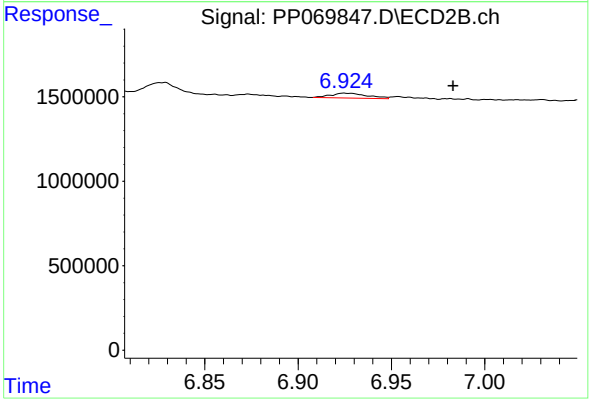
#35 AR-1260-5

R.T.: 7.431 min
Delta R.T.: -0.053 min
Response: 175837
Conc: 1.58 ng/ml



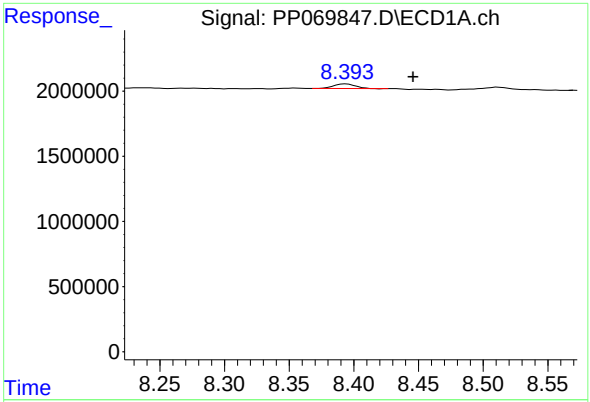
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: -0.033 min
Response: 877998
Conc: 11.11 ng/ml



#36 AR-1262-1

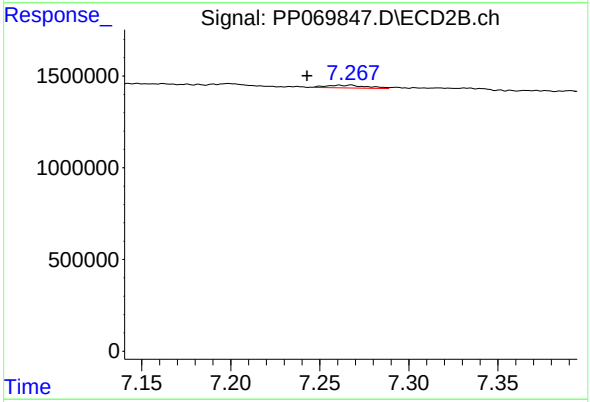
R.T.: 6.925 min
Delta R.T.: -0.058 min
Response: 395552
Conc: 5.57 ng/ml



#37 AR-1262-2

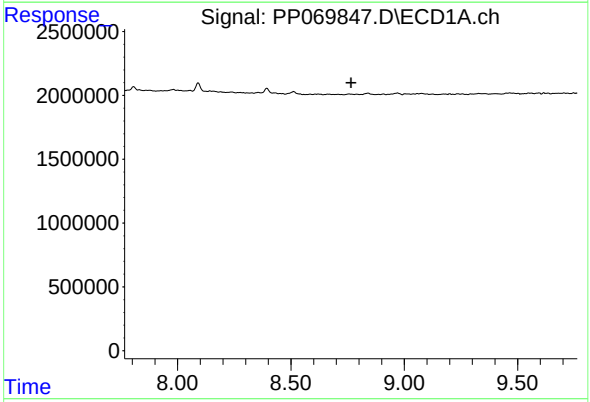
R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 418978
Conc: 2.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



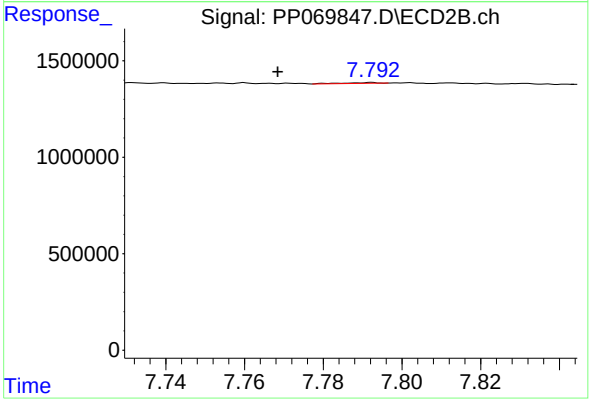
#37 AR-1262-2

R.T.: 7.268 min
Delta R.T.: 0.025 min
Response: 241444
Conc: 3.96 ng/ml



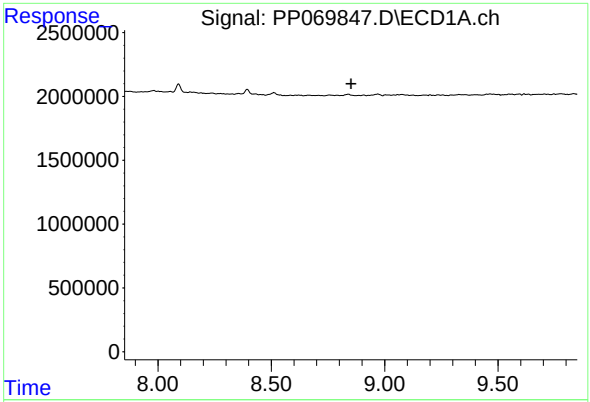
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

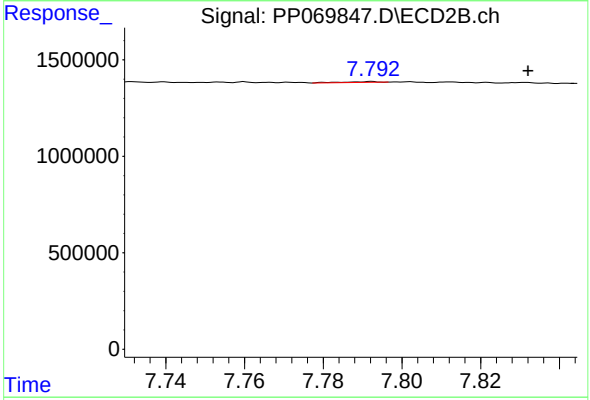
R.T.: 7.792 min
Delta R.T.: 0.024 min
Response: 24373
Conc: 0.47 ng/ml



#39 AR-1262-4

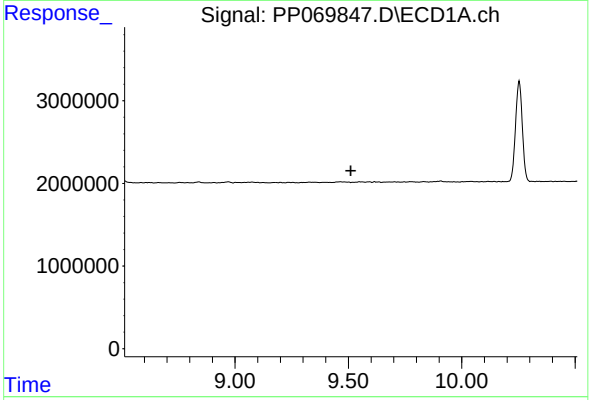
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



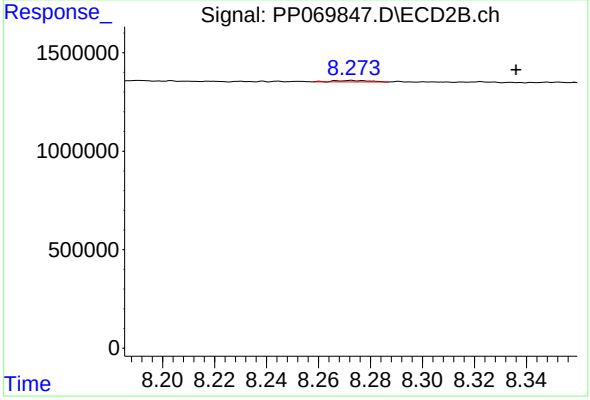
#39 AR-1262-4

R.T.: 7.792 min
Delta R.T.: -0.040 min
Response: 24373
Conc: 0.26 ng/ml



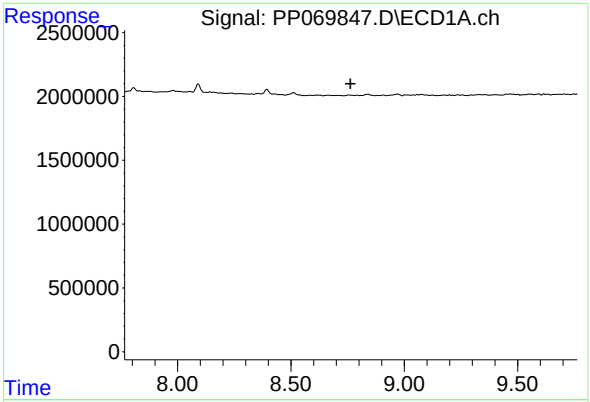
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

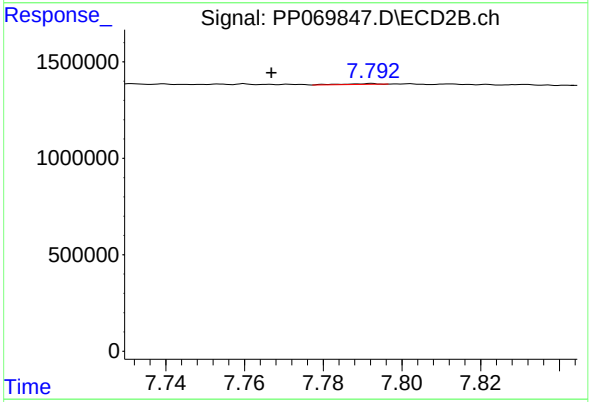
R.T.: 8.273 min
Delta R.T.: -0.063 min
Response: 70264
Conc: 1.47 ng/ml



#41 AR-1268-1

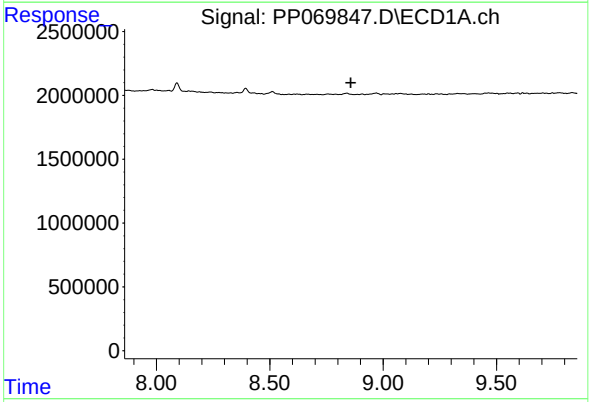
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



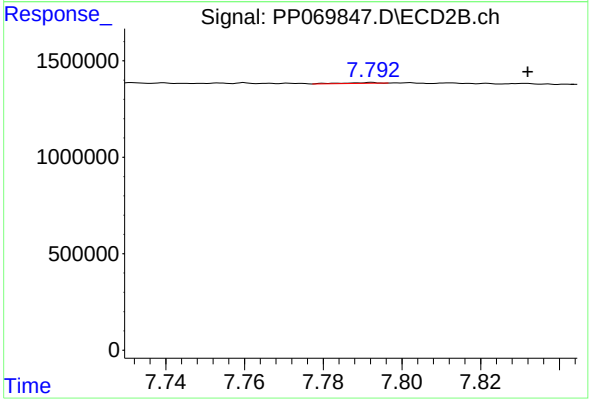
#41 AR-1268-1

R.T.: 7.792 min
Delta R.T.: 0.025 min
Response: 24373
Conc: 0.17 ng/ml



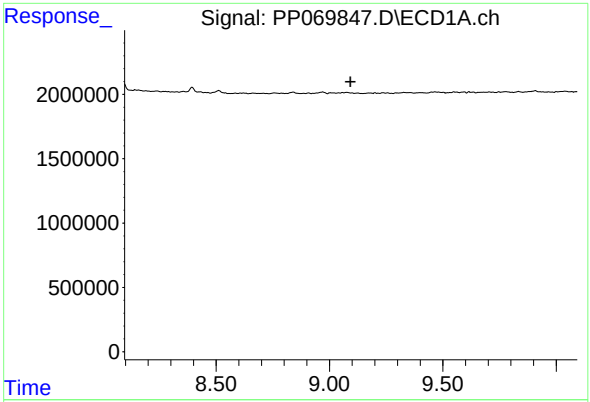
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

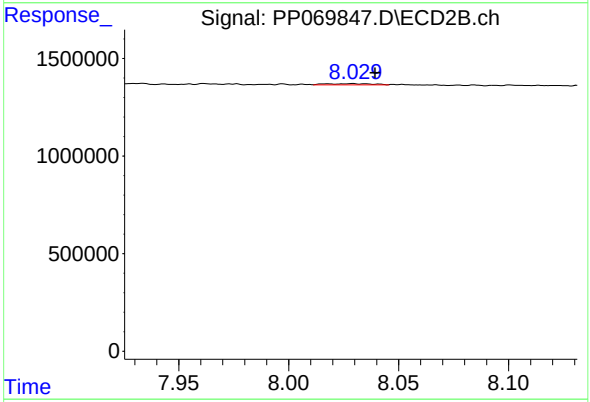
R.T.: 7.792 min
Delta R.T.: -0.040 min
Response: 24373
Conc: 0.18 ng/ml



#43 AR-1268-3

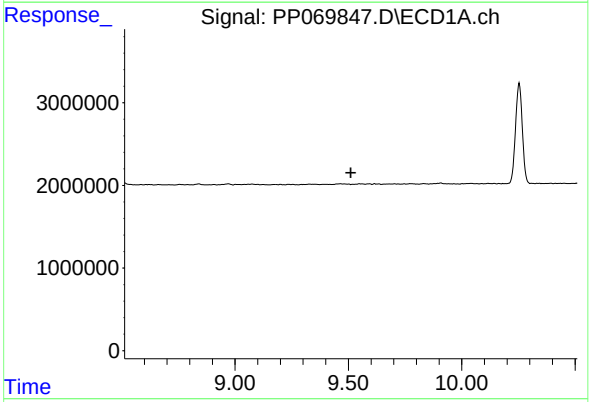
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



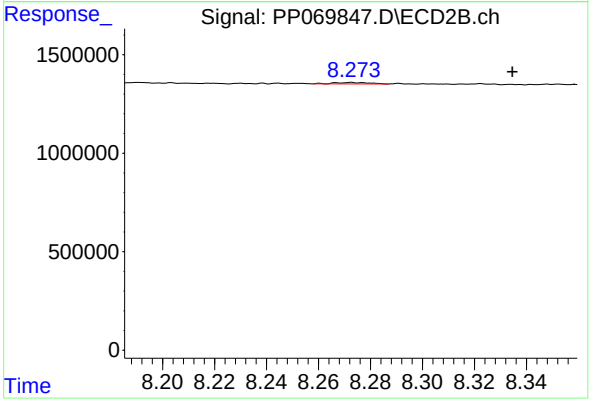
#43 AR-1268-3

R.T.: 8.029 min
Delta R.T.: -0.010 min
Response: 82592
Conc: 0.73 ng/ml



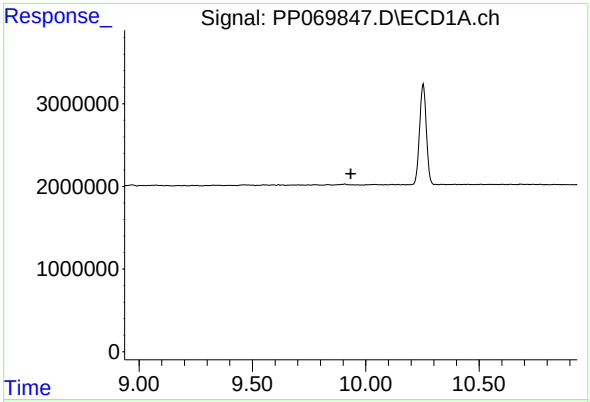
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

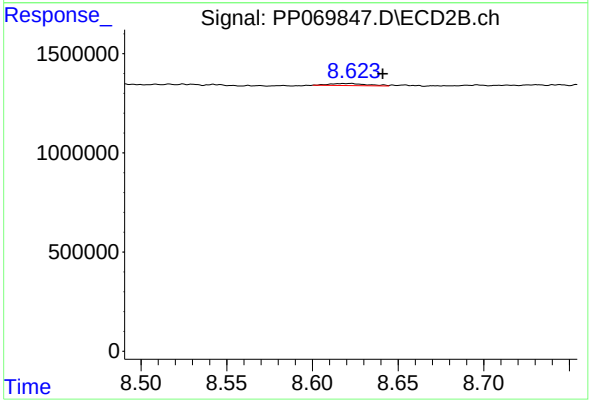
R.T.: 8.273 min
Delta R.T.: -0.062 min
Response: 70264
Conc: 1.35 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 152954
Conc: 0.43 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:03
Operator : YP\AJ
Sample : Q1382-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:25:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.831	38008611	22368388	26.552	25.062	
2)	SA Decachlor...	10.250	8.889	24829570	26172014	22.719	23.400	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.925	0	77232	N.D.	2.368	#
4)	L1 AR-1016-2	0.000	4.944	0	104232	N.D.	2.318	#
5)	L1 AR-1016-3	0.000	5.120	0	70584	N.D.	2.837	#
6)	L1 AR-1016-4	0.000	5.159	0	1323711	N.D.	65.542	#
7)	L1 AR-1016-5	6.151	5.373	796231	1080452	24.085	40.279	#
8)	L2 AR-1221-1	0.000	4.041	0	42162	N.D.	3.423	#
9)	L2 AR-1221-2	4.825	4.132	715746	574430	52.273	59.321	
10)	L2 AR-1221-3	0.000	4.219	0	26765	N.D.	0.917	#
11)	L3 AR-1232-1	0.000	4.219	0	26765	N.D.	1.140	#
12)	L3 AR-1232-2	5.379f	4.944	606767	104232	37.129	4.422	#
13)	L3 AR-1232-3	0.000	5.120	0	70584	N.D.	5.452	#
14)	L3 AR-1232-4	0.000	5.201	0	427338	N.D.	38.546	#
15)	L3 AR-1232-5	5.947	5.373	1390753	1080452	121.332	88.487	#
16)	L4 AR-1242-1	0.000	4.925	0	77232	N.D.	2.679	#
17)	L4 AR-1242-2	0.000	4.944	0	104232	N.D.	2.646	#
18)	L4 AR-1242-3	0.000	5.120	0	70584	N.D.	3.136	#
19)	L4 AR-1242-4	0.000	5.201	0	427338	N.D.	19.800	#
20)	L4 AR-1242-5	6.591	5.728	1328502	2842592	40.771	98.810	#
21)	L5 AR-1248-1	0.000	4.925	0	77232	N.D.	3.509	#
22)	L5 AR-1248-2	5.947	5.159	1390753	1323711	32.765	44.029	#
23)	L5 AR-1248-3	6.151	5.201	796231	427338	16.946	13.792	
24)	L5 AR-1248-4	6.549	5.373	1662193	1080452	30.155	29.246	
25)	L5 AR-1248-5	6.591	5.767	1328502	738741	24.886	19.758	
26)	L6 AR-1254-1	6.549	5.728	1662193	2842592	28.726	51.631	#
27)	L6 AR-1254-2	6.743	5.876	3633450	2774376	45.281	57.359	#
28)	L6 AR-1254-3	7.105	6.281	2354938	3562443	27.939	46.938	#
29)	L6 AR-1254-4	7.388	6.510	2223606	2037297	32.610	39.752	
30)	L6 AR-1254-5	7.805	6.929	955306	1462872	14.039	21.978	#
31)	L7 AR-1260-1	0.000	6.412	0	1916881	N.D.	39.745	#
32)	L7 AR-1260-2	7.525	6.599	994487	925004	12.780	15.089	
33)	L7 AR-1260-3	0.000	6.754	0	1049912	N.D.	17.453	#
34)	L7 AR-1260-4	8.088f	7.264	1018315	434639	15.434	9.354	#
35)	L7 AR-1260-5	8.391f	7.470	515230	175055	3.935	1.575	#
36)	L8 AR-1262-1	8.088f	6.929f	1018315	1462872	12.887	20.600	#
37)	L8 AR-1262-2	8.391f	7.264	515230	434639	3.369	7.128	#
38)	L8 AR-1262-3	0.000	7.795	0	110420	N.D.	2.111	#
39)	L8 AR-1262-4	0.000	7.818	0	192288	N.D.	2.080	#
41)	L9 AR-1268-1	0.000	7.795	0	110420	N.D.	0.761	#
42)	L9 AR-1268-2	0.000	7.818	0	192288	N.D.	1.448	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:03
Operator : YP\AJ
Sample : Q1382-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:25:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.621	0	199304	N.D.	0.560 #

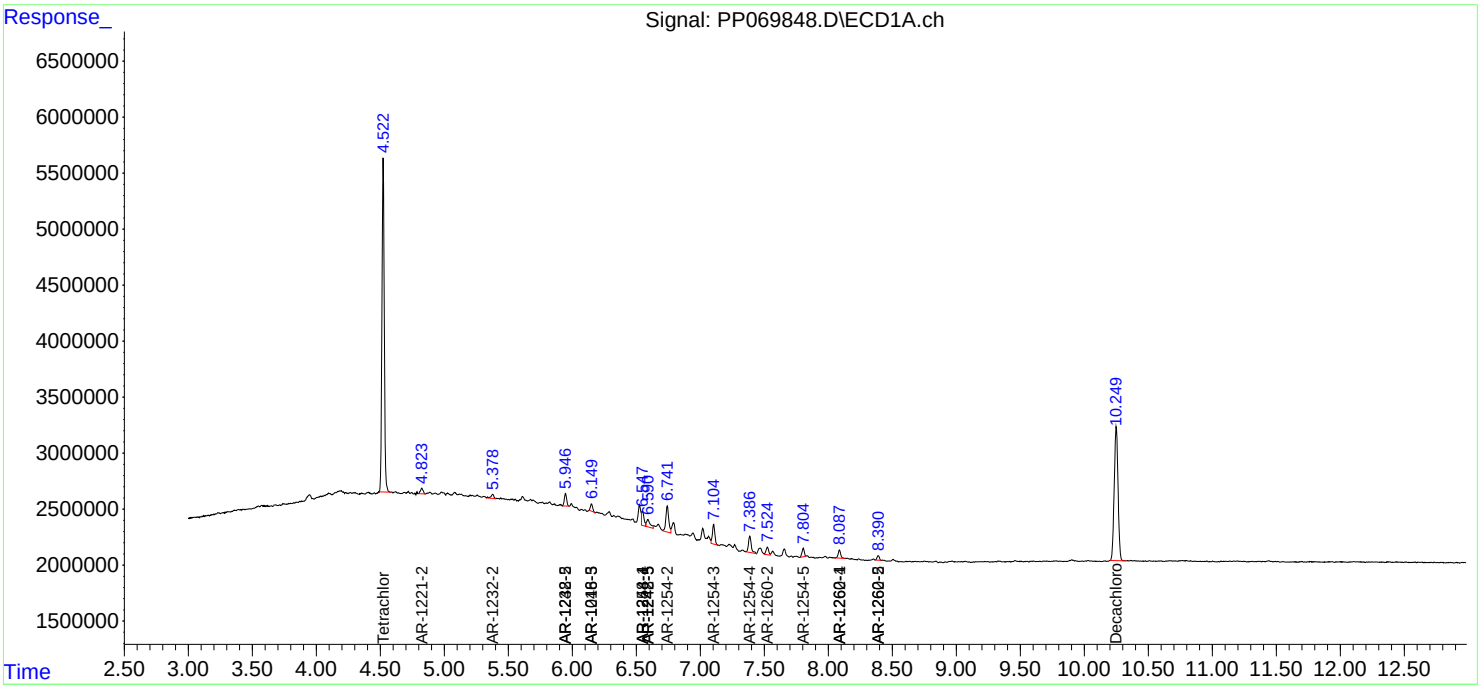
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

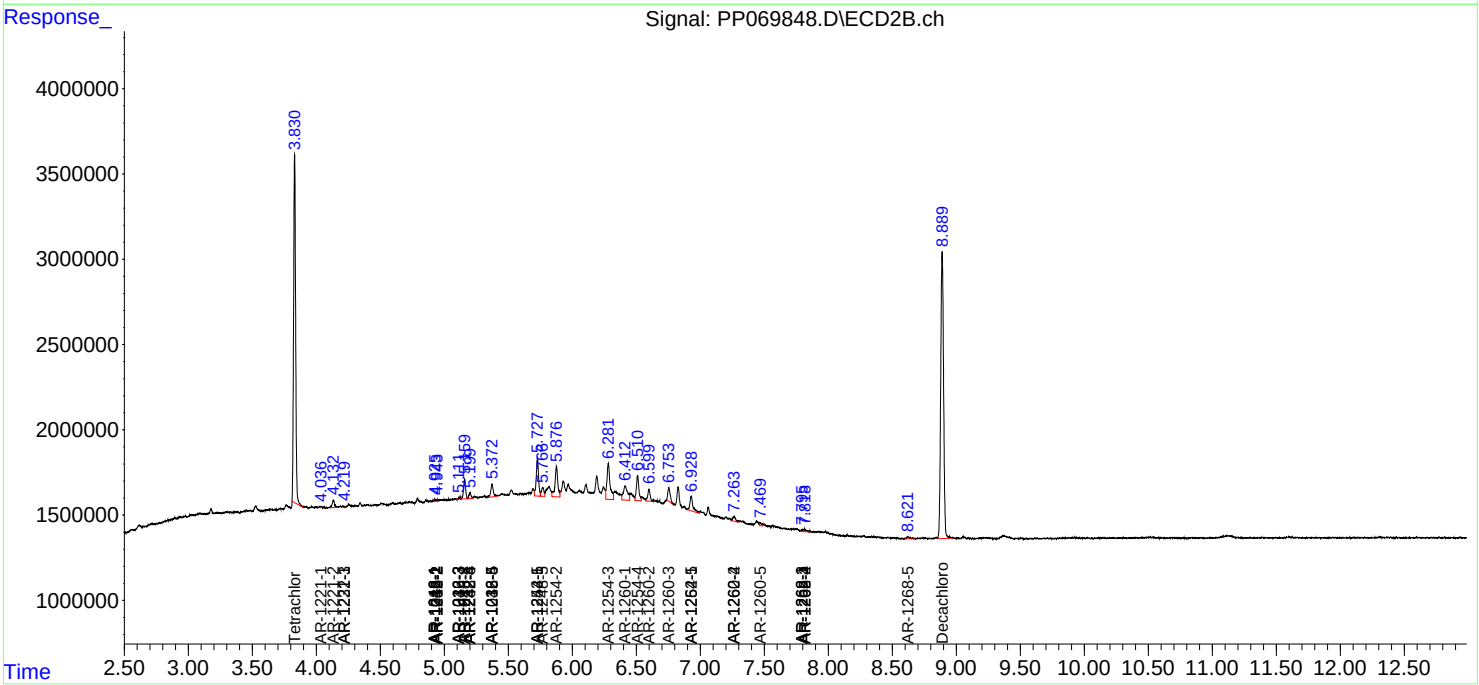
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069848.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:03
Operator : YP\AJ
Sample : Q1382-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

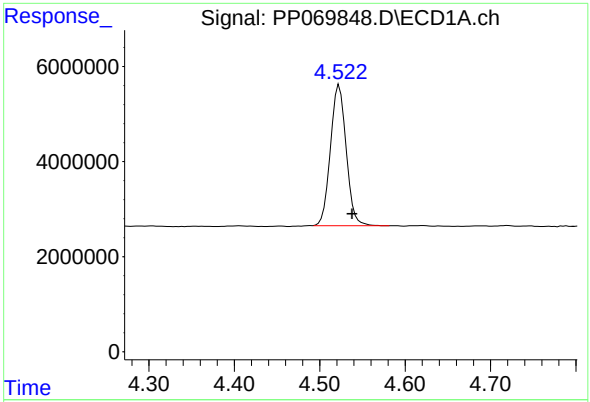
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:25:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



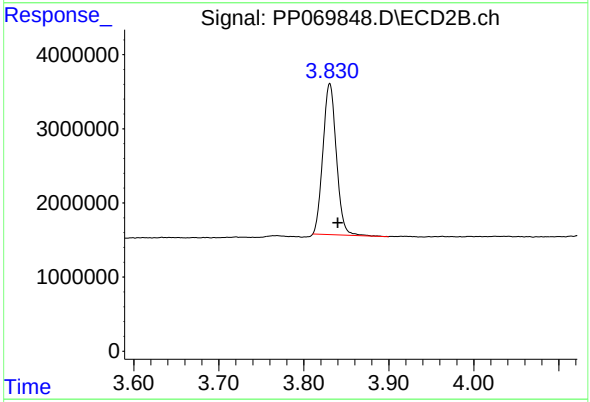




#1 Tetrachloro-m-xylene

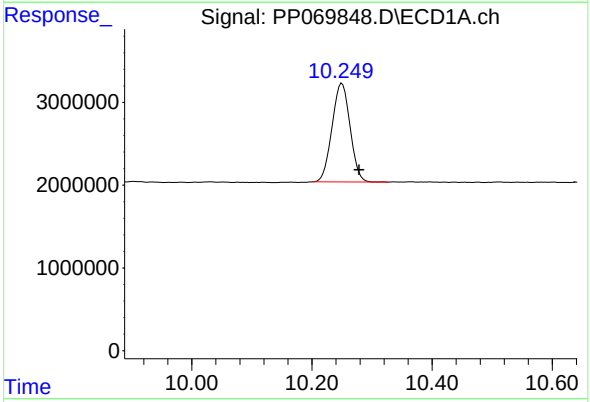
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 38008611
Conc: 26.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



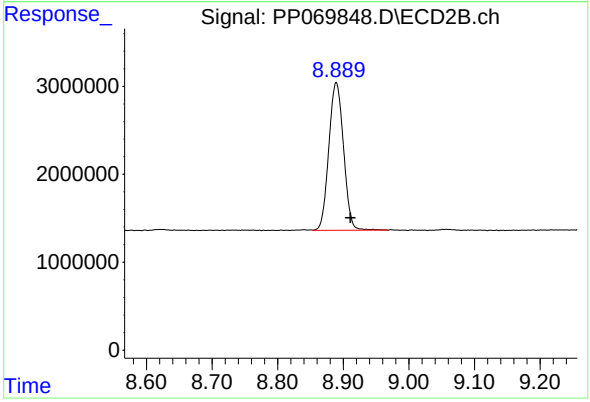
#1 Tetrachloro-m-xylene

R.T.: 3.831 min
Delta R.T.: -0.009 min
Response: 22368388
Conc: 25.06 ng/ml



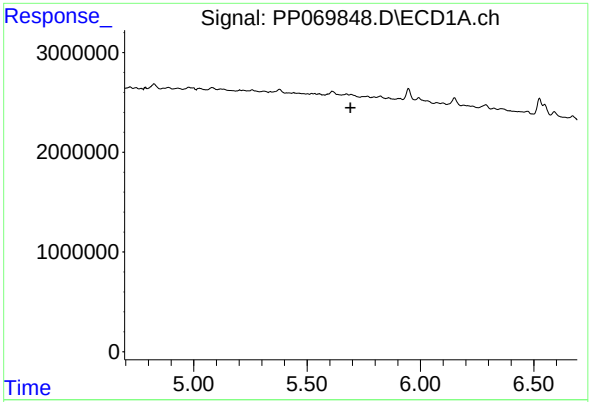
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24829570
Conc: 22.72 ng/ml



#2 Decachlorobiphenyl

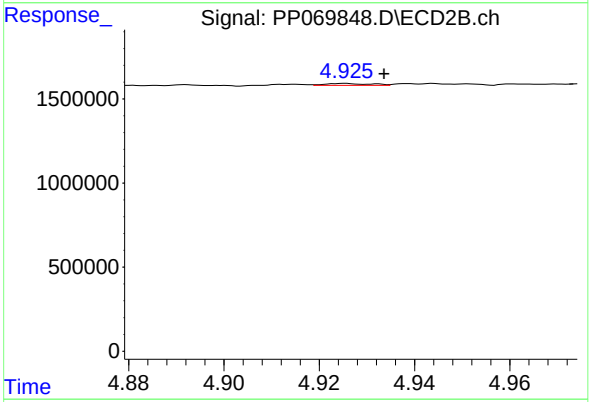
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 26172014
Conc: 23.40 ng/ml



#3 AR-1016-1

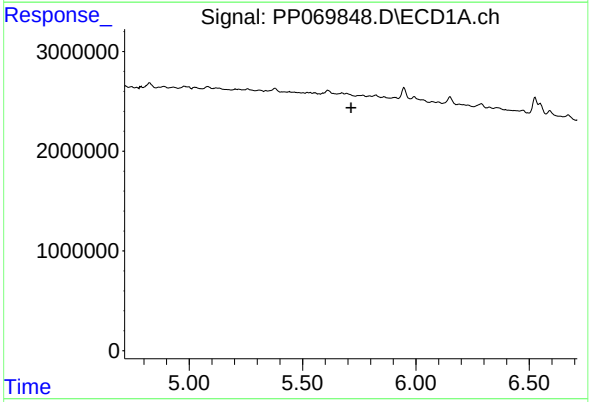
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



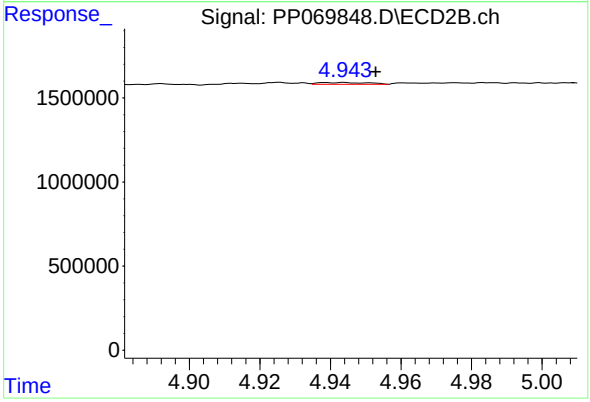
#3 AR-1016-1

R.T.: 4.925 min
Delta R.T.: -0.008 min
Response: 77232
Conc: 2.37 ng/ml



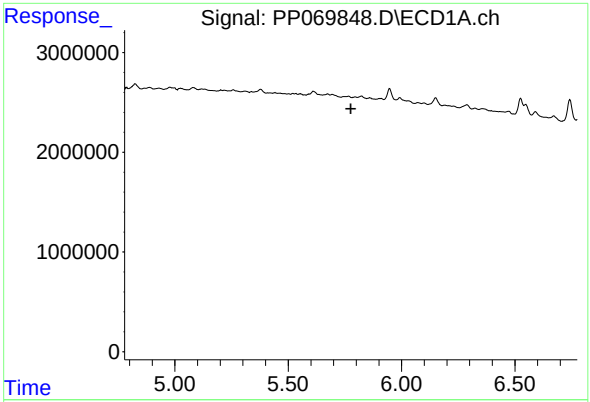
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

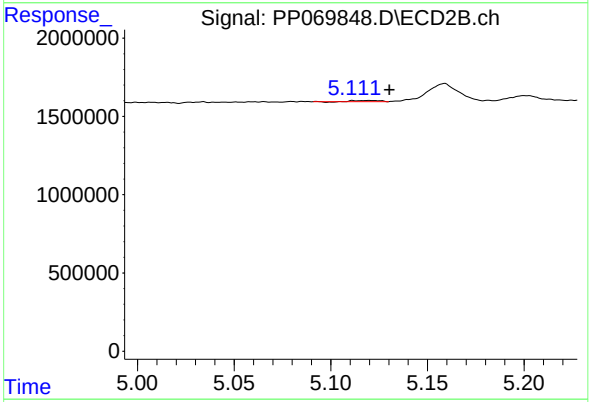
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 104232
Conc: 2.32 ng/ml



#5 AR-1016-3

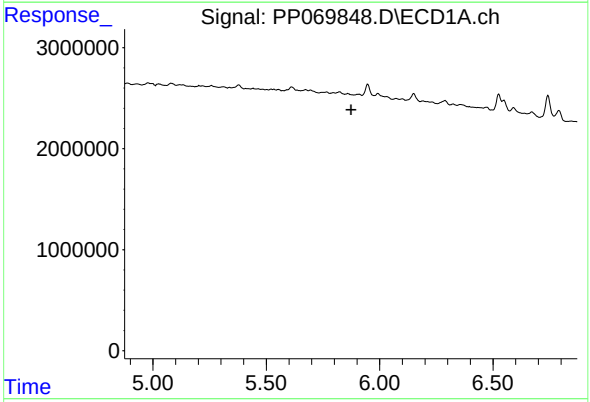
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



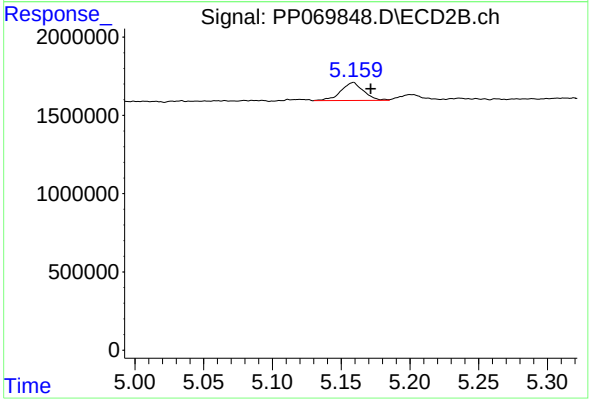
#5 AR-1016-3

R.T.: 5.120 min
Delta R.T.: -0.010 min
Response: 70584
Conc: 2.84 ng/ml



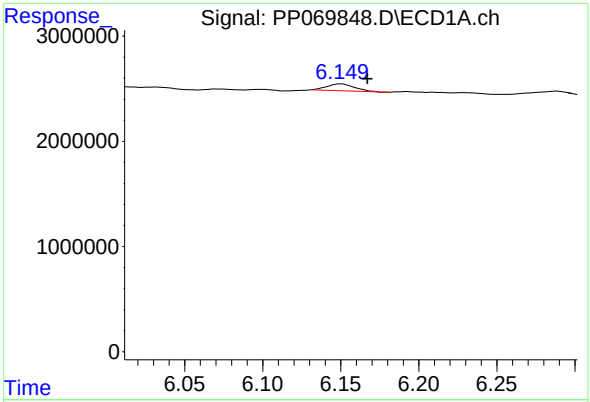
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

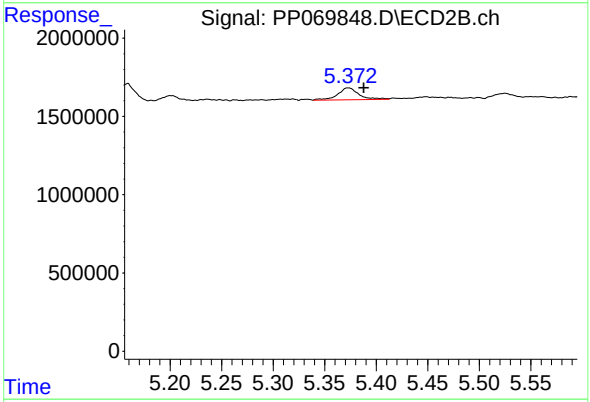
R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 1323711
Conc: 65.54 ng/ml



#7 AR-1016-5

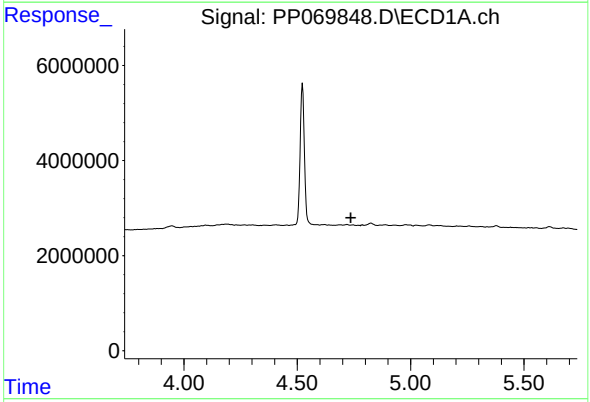
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 796231
Conc: 24.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



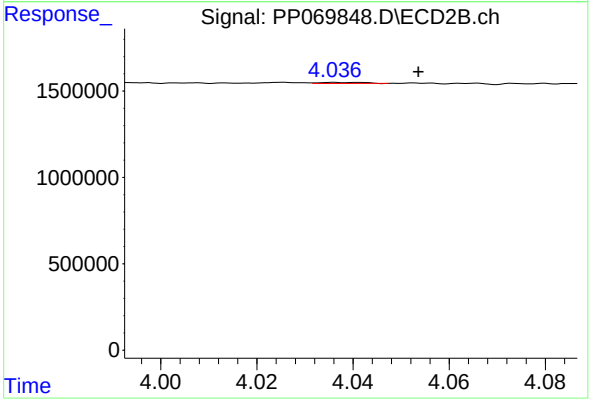
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 1080452
Conc: 40.28 ng/ml



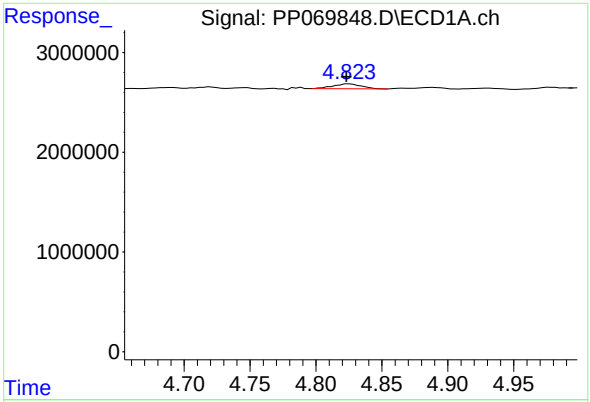
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

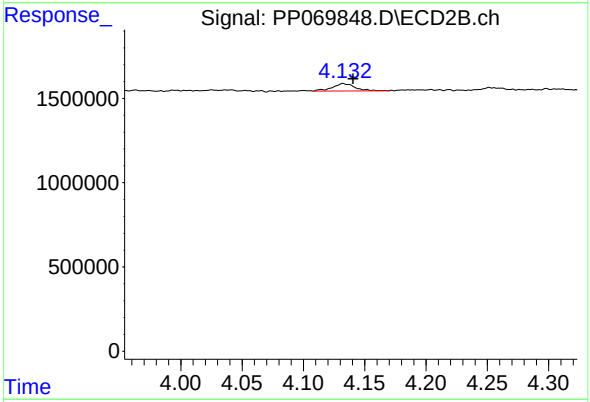
R.T.: 4.041 min
Delta R.T.: -0.012 min
Response: 42162
Conc: 3.42 ng/ml



#9 AR-1221-2

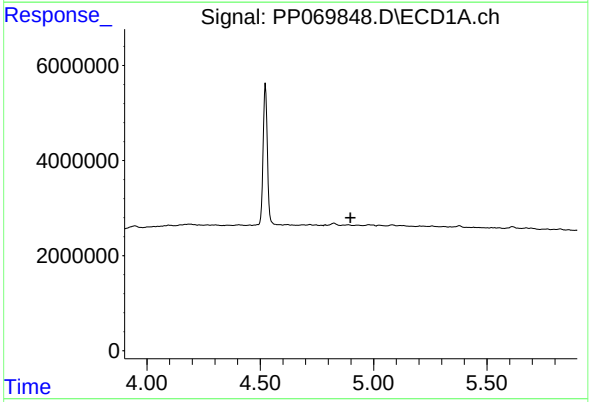
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 715746
Conc: 52.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



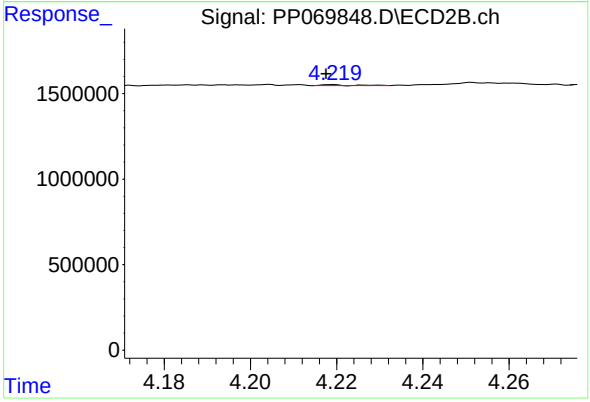
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.008 min
Response: 574430
Conc: 59.32 ng/ml



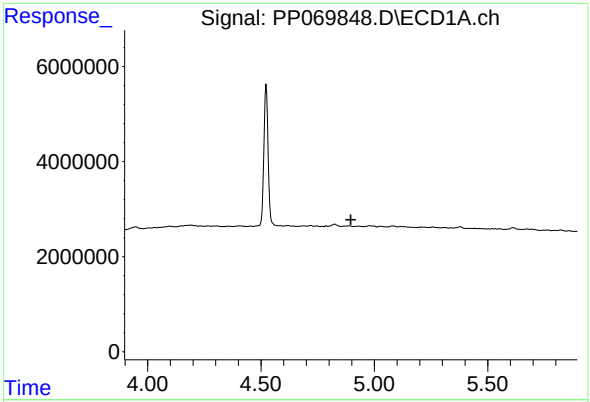
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

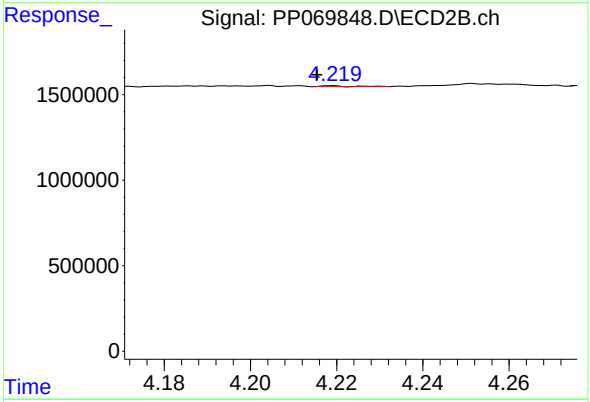
R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 26765
Conc: 0.92 ng/ml



#11 AR-1232-1

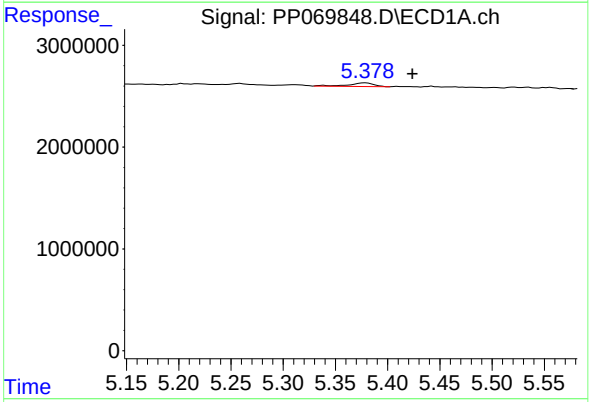
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



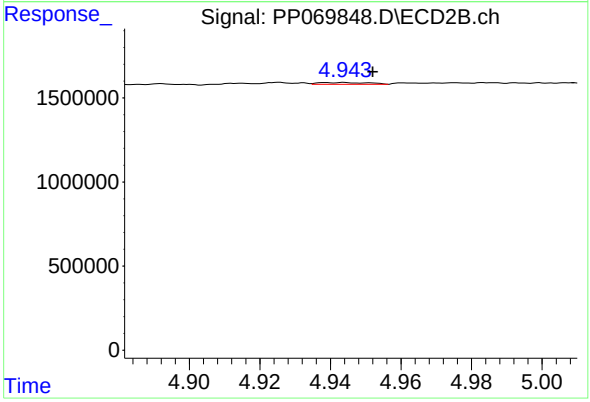
#11 AR-1232-1

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 26765
Conc: 1.14 ng/ml



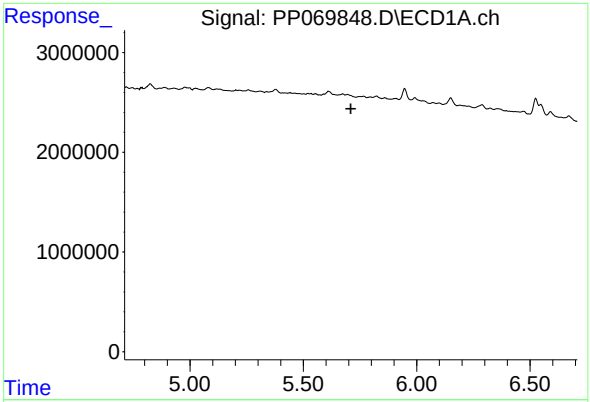
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: -0.045 min
Response: 606767
Conc: 37.13 ng/ml



#12 AR-1232-2

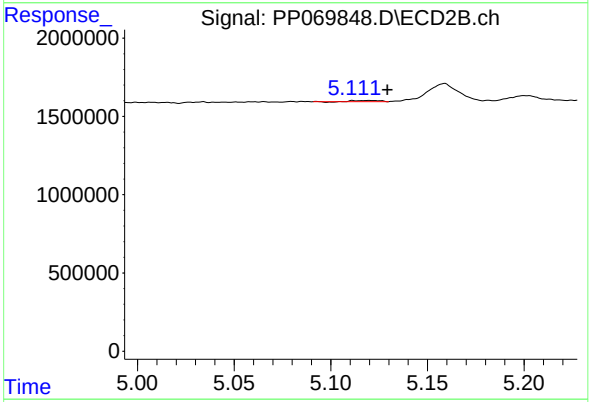
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 104232
Conc: 4.42 ng/ml



#13 AR-1232-3

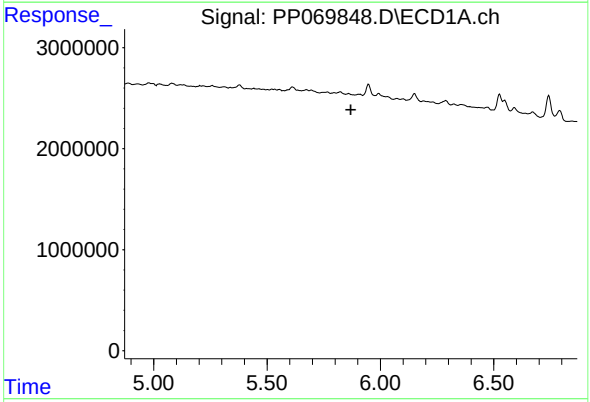
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



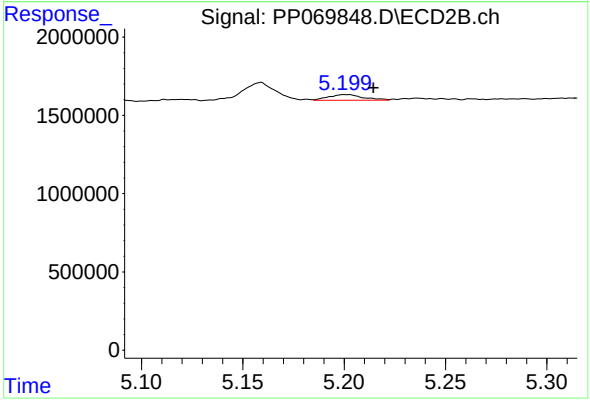
#13 AR-1232-3

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 70584
Conc: 5.45 ng/ml



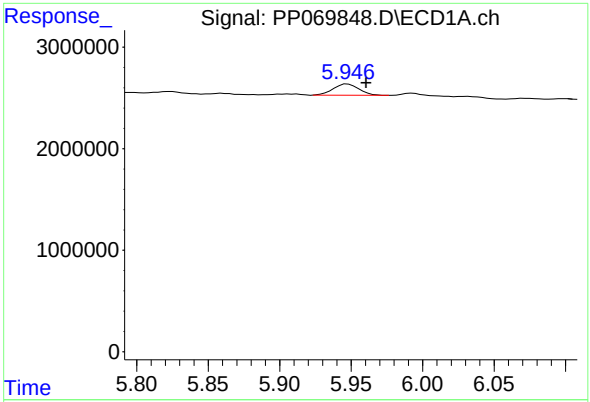
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

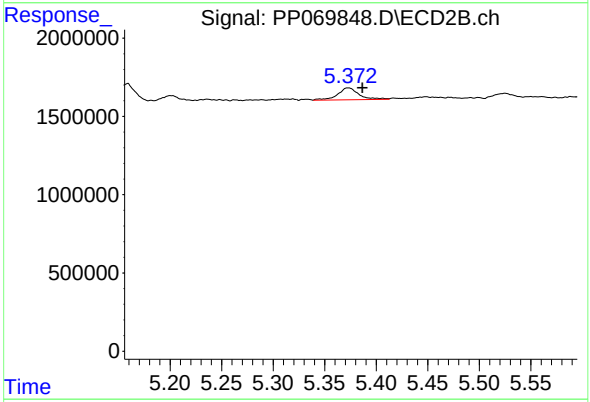
R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 427338
Conc: 38.55 ng/ml



#15 AR-1232-5

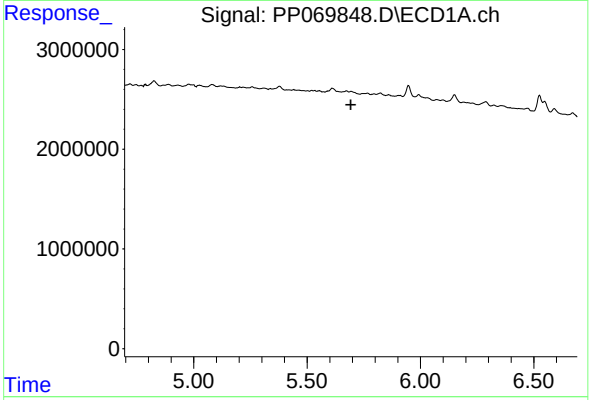
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 1390753
Conc: 121.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



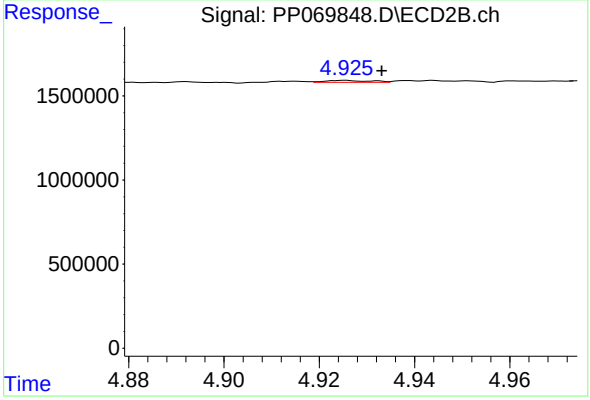
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 1080452
Conc: 88.49 ng/ml



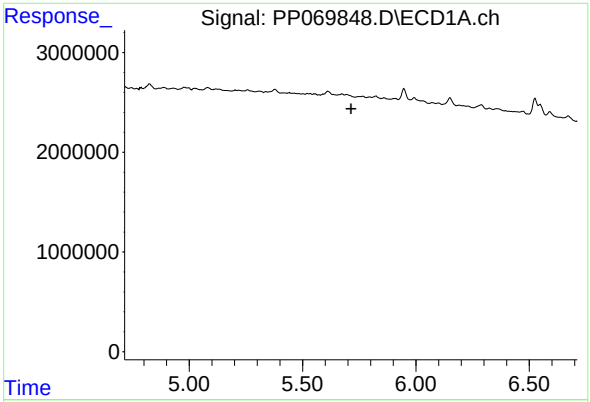
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

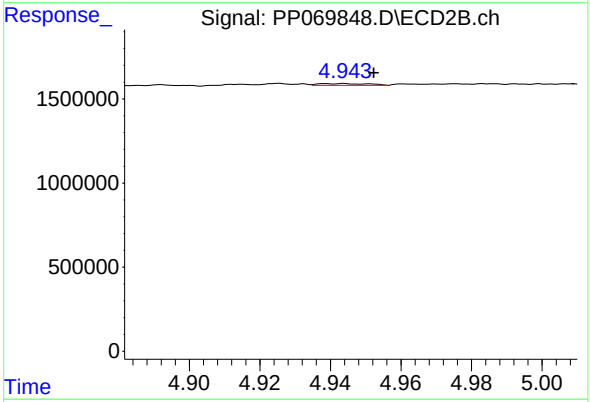
R.T.: 4.925 min
Delta R.T.: -0.008 min
Response: 77232
Conc: 2.68 ng/ml



#17 AR-1242-2

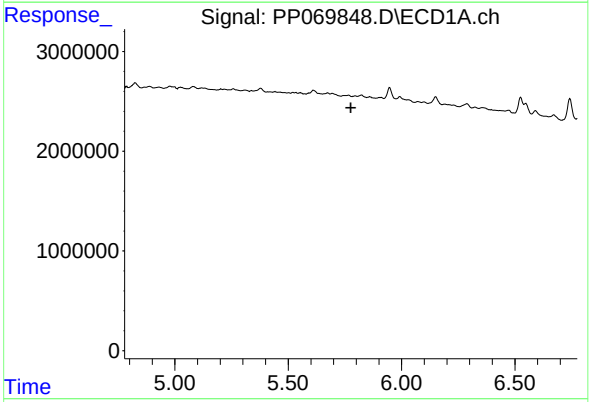
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



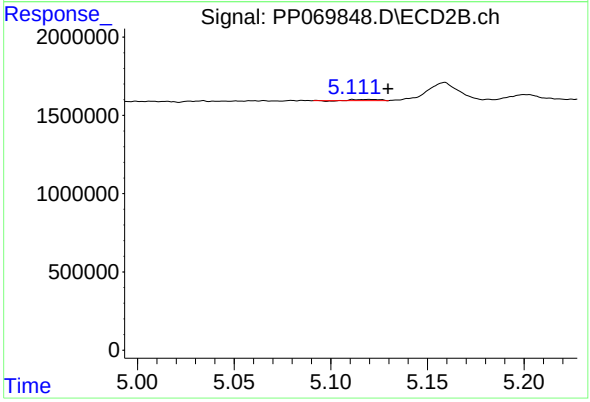
#17 AR-1242-2

R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 104232
Conc: 2.65 ng/ml



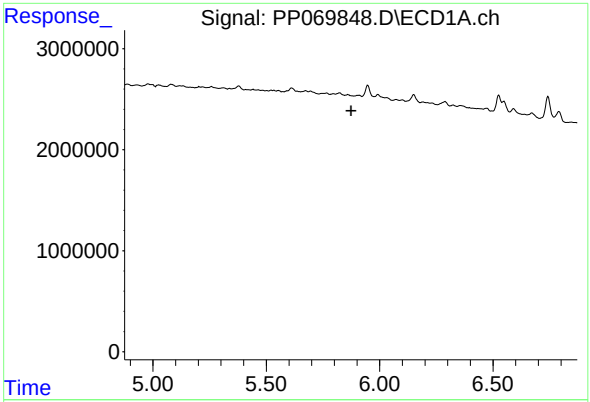
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

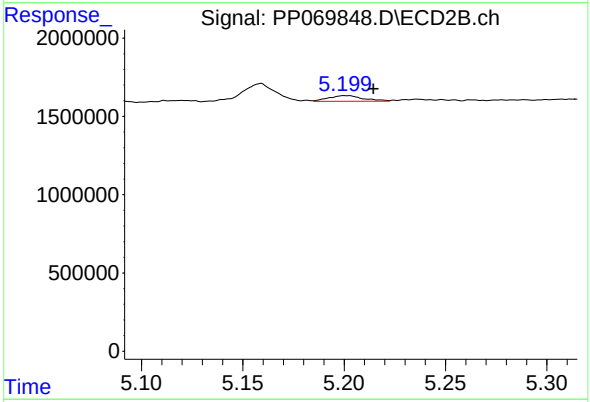
R.T.: 5.120 min
Delta R.T.: -0.010 min
Response: 70584
Conc: 3.14 ng/ml



#19 AR-1242-4

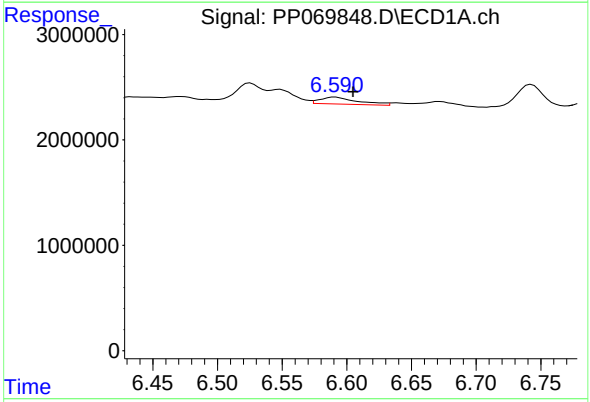
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



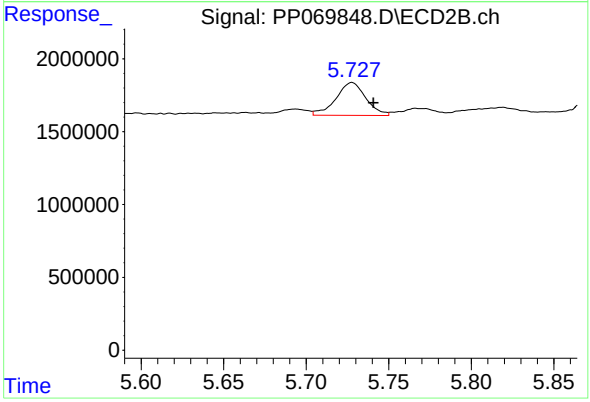
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 427338
Conc: 19.80 ng/ml



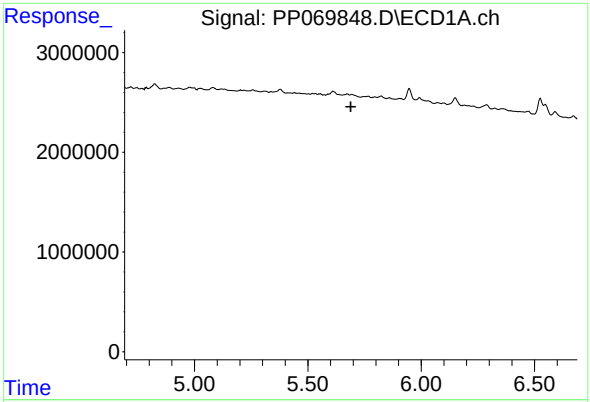
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 1328502
Conc: 40.77 ng/ml



#20 AR-1242-5

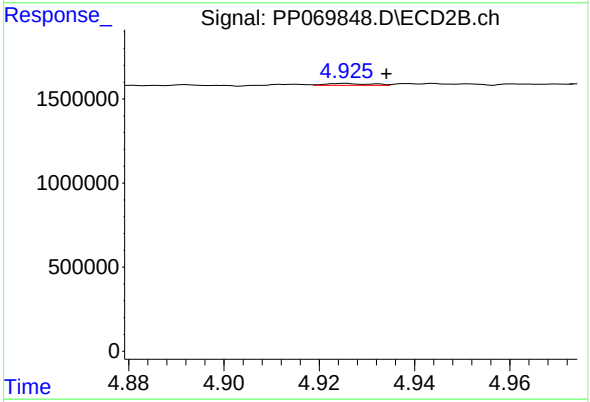
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 2842592
Conc: 98.81 ng/ml



#21 AR-1248-1

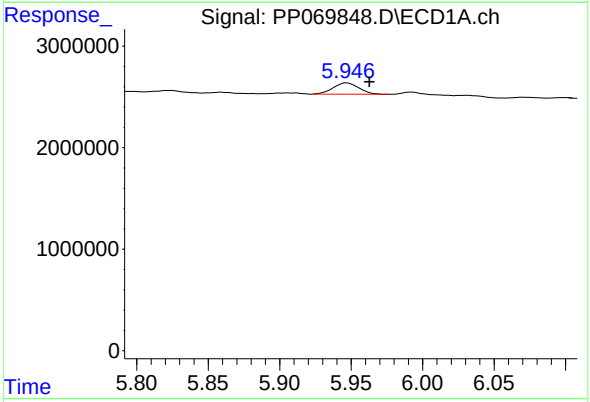
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



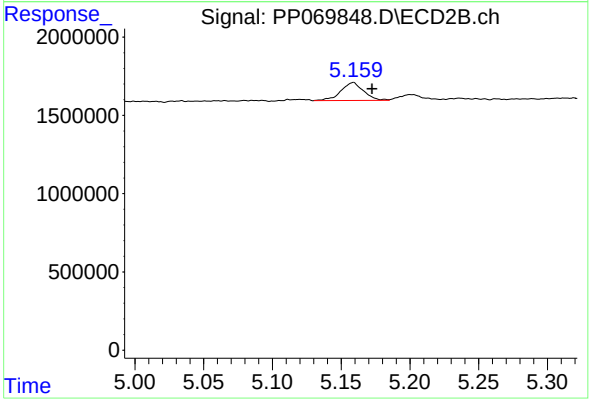
#21 AR-1248-1

R.T.: 4.925 min
Delta R.T.: -0.009 min
Response: 77232
Conc: 3.51 ng/ml



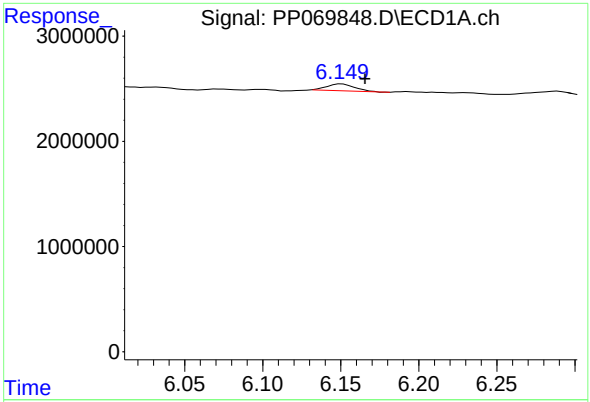
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.015 min
Response: 1390753
Conc: 32.76 ng/ml



#22 AR-1248-2

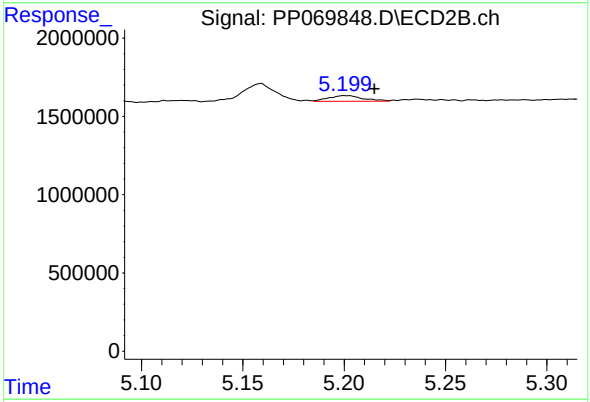
R.T.: 5.159 min
Delta R.T.: -0.014 min
Response: 1323711
Conc: 44.03 ng/ml



#23 AR-1248-3

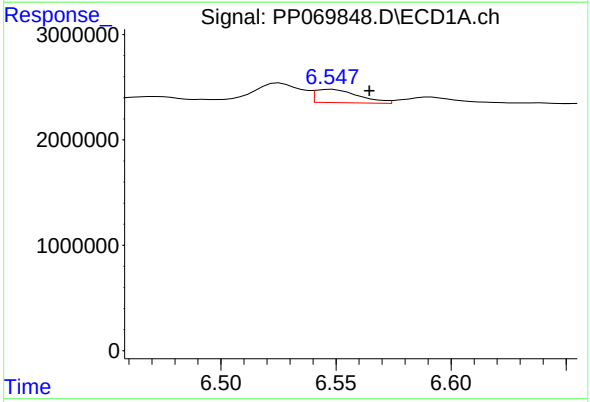
R.T.: 6.151 min
Delta R.T.: -0.015 min
Response: 796231
Conc: 16.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



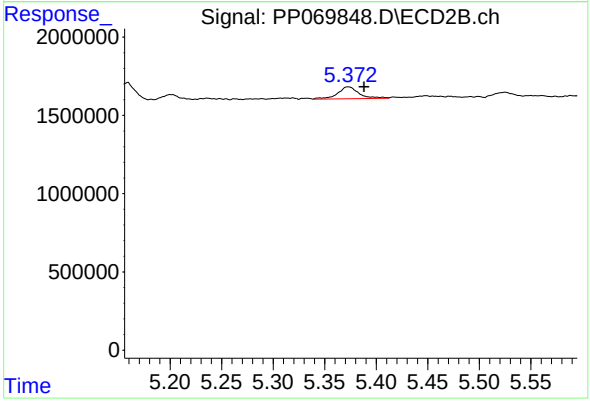
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 427338
Conc: 13.79 ng/ml



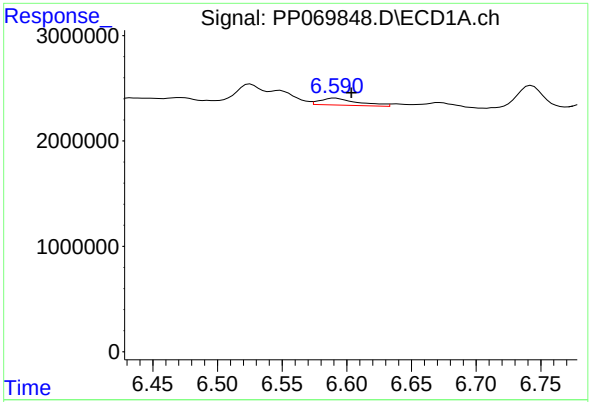
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: -0.016 min
Response: 1662193
Conc: 30.16 ng/ml



#24 AR-1248-4

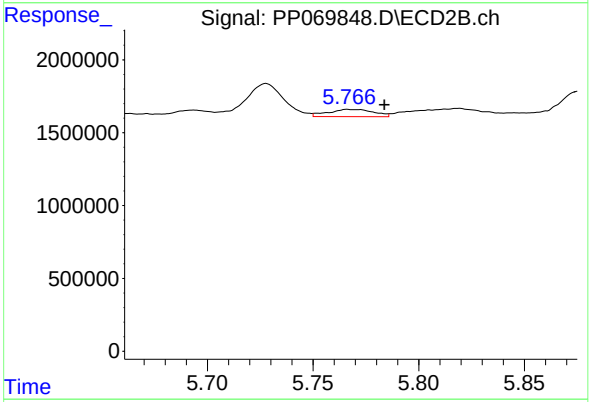
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 1080452
Conc: 29.25 ng/ml



#25 AR-1248-5

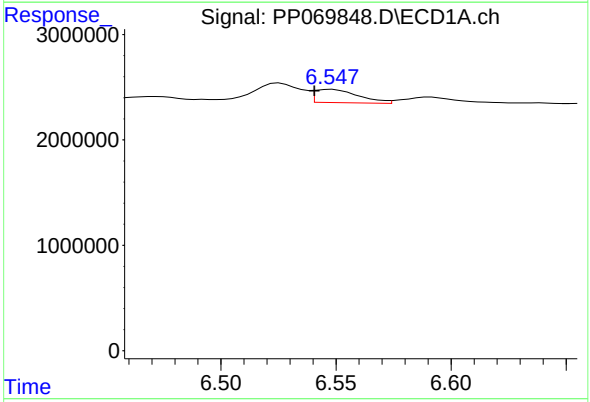
R.T.: 6.591 min
Delta R.T.: -0.013 min
Response: 1328502
Conc: 24.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



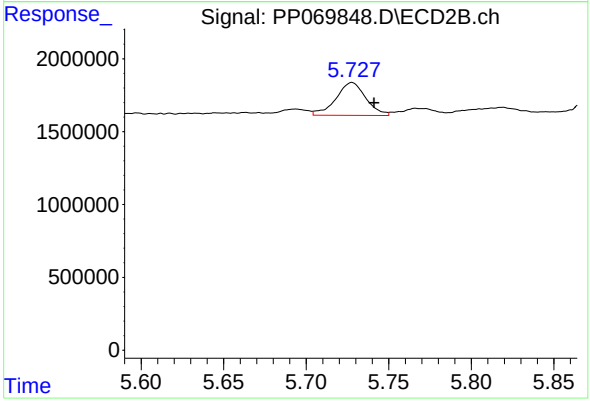
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 738741
Conc: 19.76 ng/ml



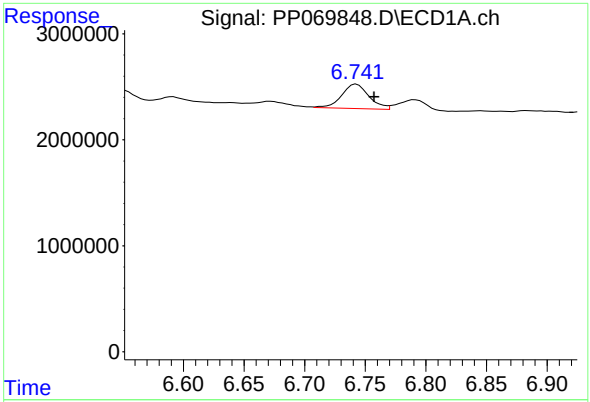
#26 AR-1254-1

R.T.: 6.549 min
Delta R.T.: 0.008 min
Response: 1662193
Conc: 28.73 ng/ml



#26 AR-1254-1

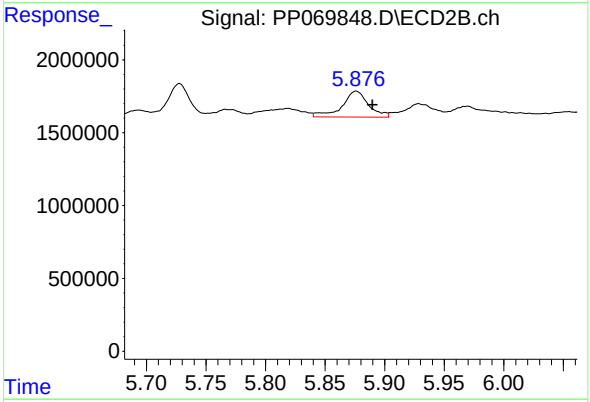
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 2842592
Conc: 51.63 ng/ml



#27 AR-1254-2

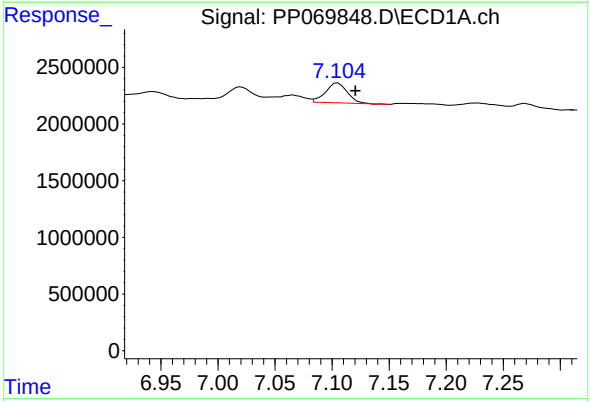
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 3633450
Conc: 45.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



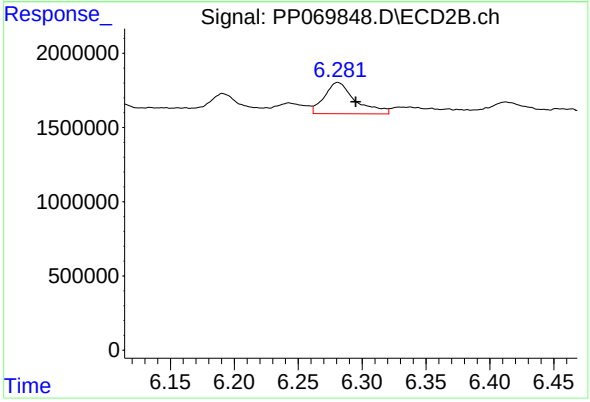
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 2774376
Conc: 57.36 ng/ml



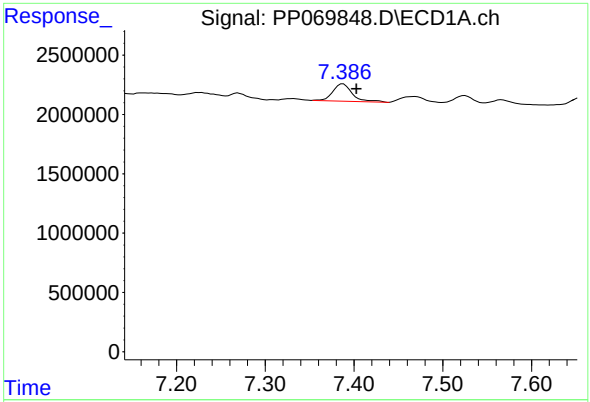
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 2354938
Conc: 27.94 ng/ml



#28 AR-1254-3

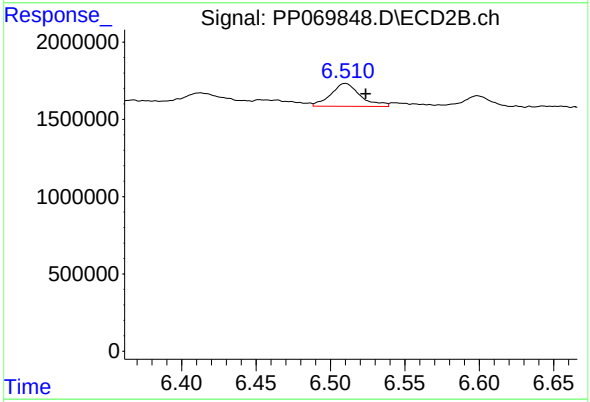
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 3562443
Conc: 46.94 ng/ml



#29 AR-1254-4

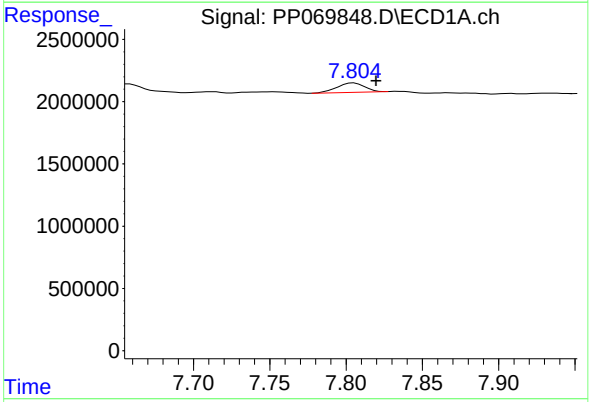
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 2223606
Conc: 32.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



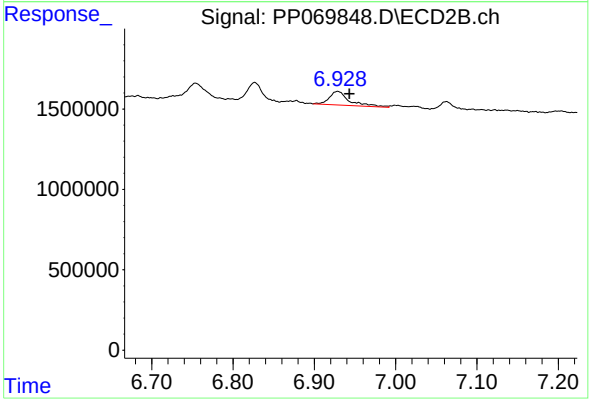
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 2037297
Conc: 39.75 ng/ml



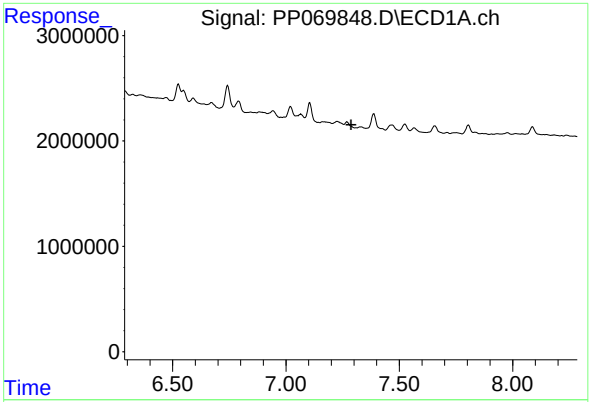
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 955306
Conc: 14.04 ng/ml



#30 AR-1254-5

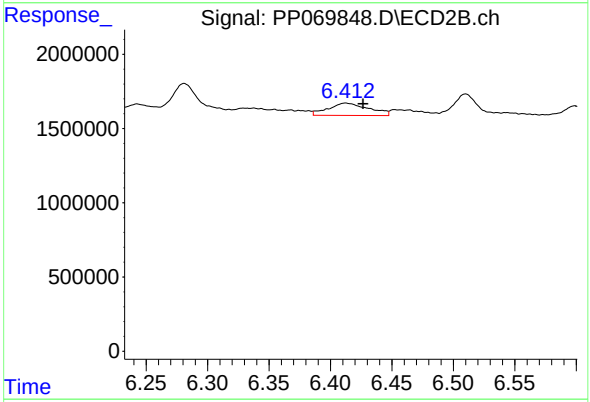
R.T.: 6.929 min
Delta R.T.: -0.014 min
Response: 1462872
Conc: 21.98 ng/ml



#31 AR-1260-1

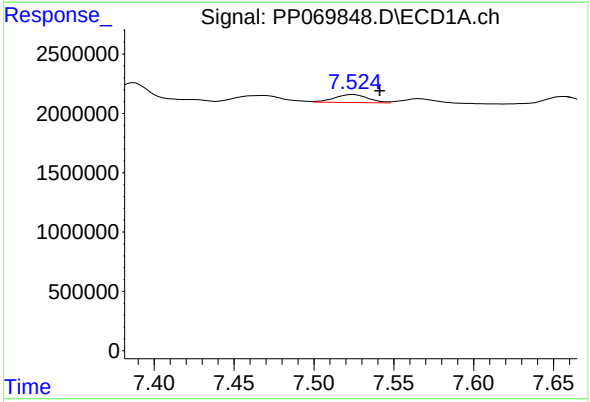
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



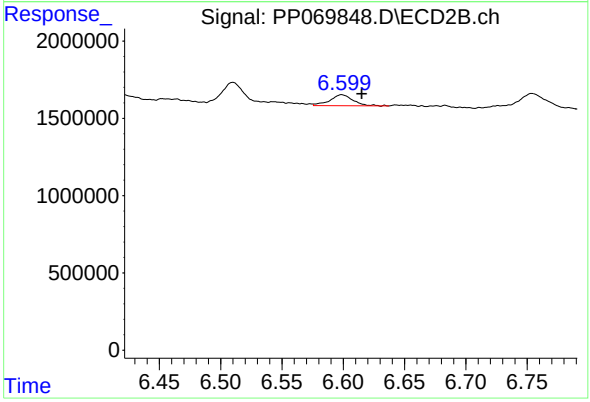
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 1916881
Conc: 39.74 ng/ml



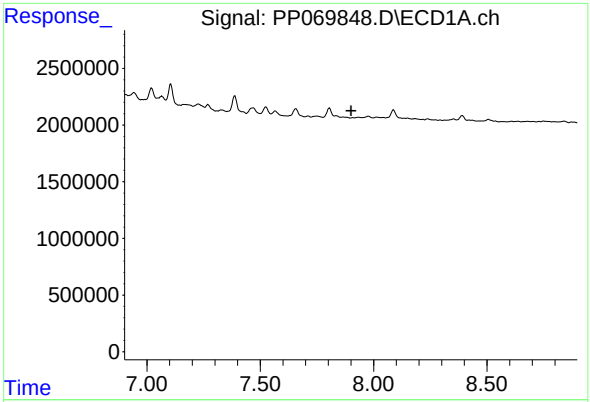
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 min
Response: 994487
Conc: 12.78 ng/ml



#32 AR-1260-2

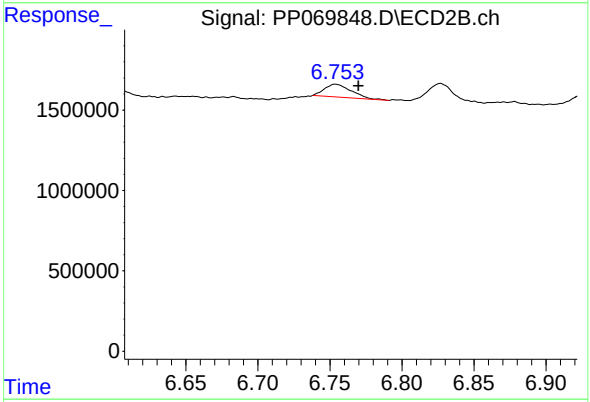
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 925004
Conc: 15.09 ng/ml



#33 AR-1260-3

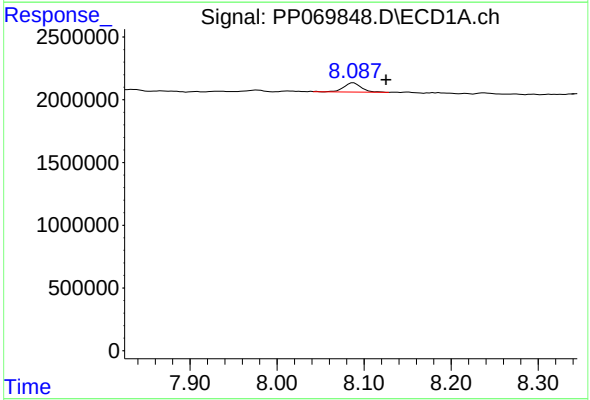
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



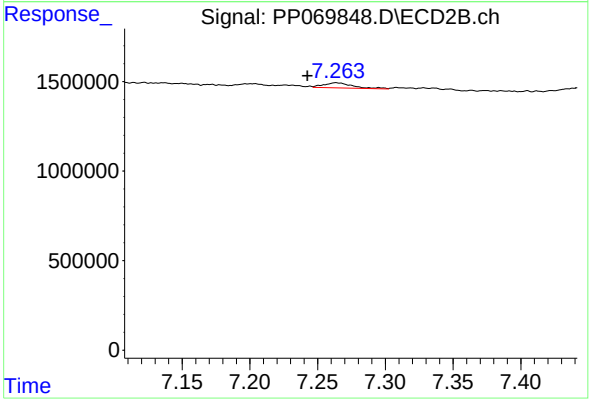
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 1049912
Conc: 17.45 ng/ml



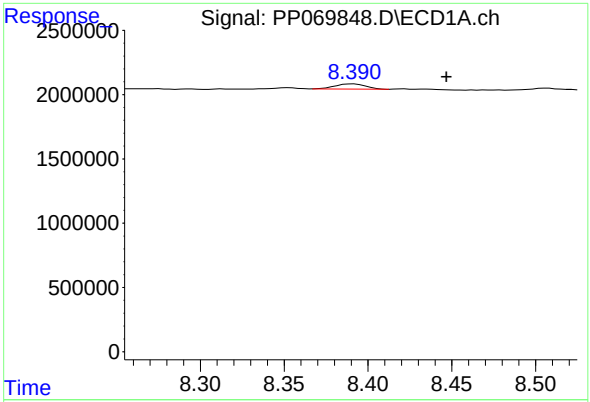
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.037 min
Response: 1018315
Conc: 15.43 ng/ml



#34 AR-1260-4

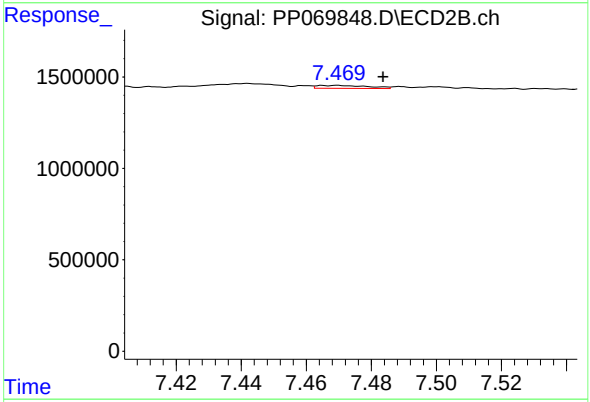
R.T.: 7.264 min
Delta R.T.: 0.021 min
Response: 434639
Conc: 9.35 ng/ml



#35 AR-1260-5

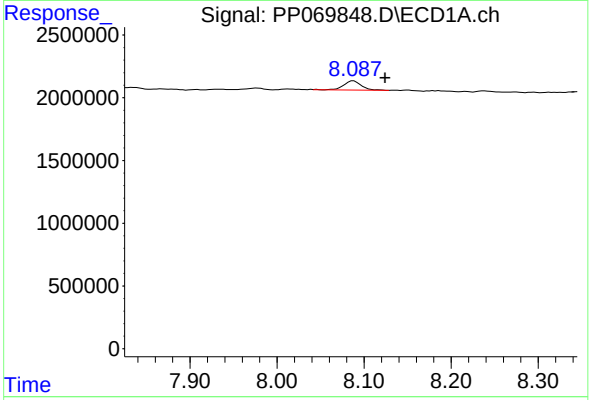
R.T.: 8.391 min
Delta R.T.: -0.055 min
Response: 515230
Conc: 3.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



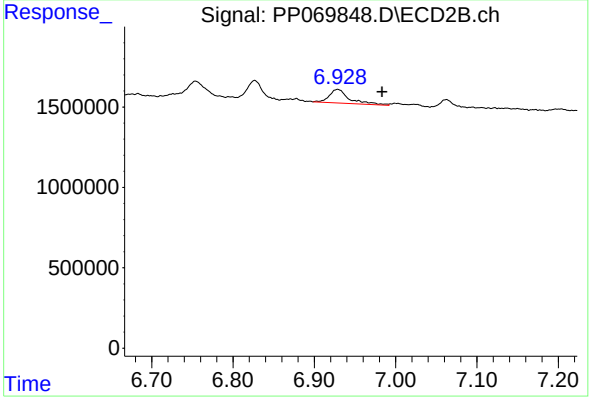
#35 AR-1260-5

R.T.: 7.470 min
Delta R.T.: -0.014 min
Response: 175055
Conc: 1.58 ng/ml



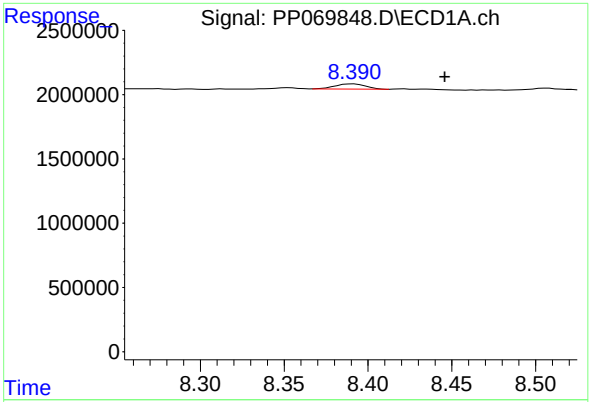
#36 AR-1262-1

R.T.: 8.088 min
Delta R.T.: -0.036 min
Response: 1018315
Conc: 12.89 ng/ml



#36 AR-1262-1

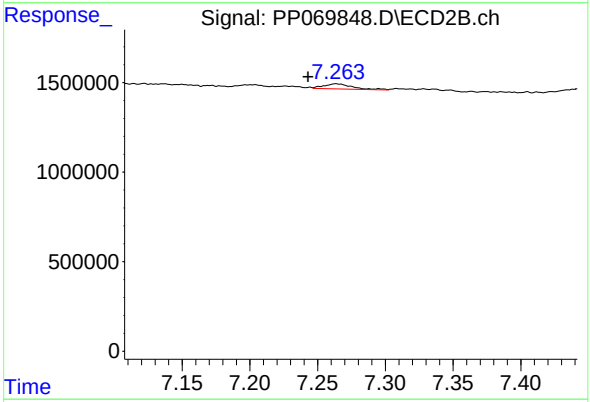
R.T.: 6.929 min
Delta R.T.: -0.054 min
Response: 1462872
Conc: 20.60 ng/ml



#37 AR-1262-2

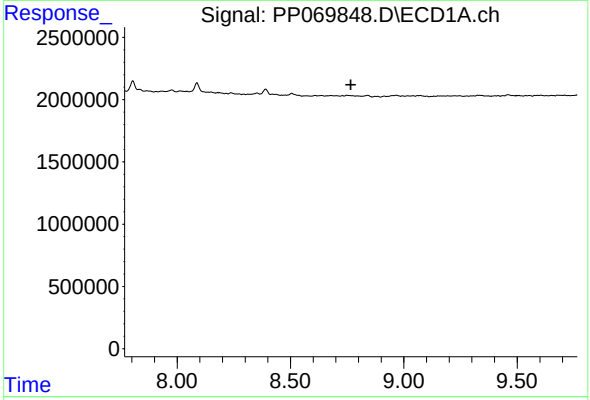
R.T.: 8.391 min
Delta R.T.: -0.054 min
Response: 515230
Conc: 3.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



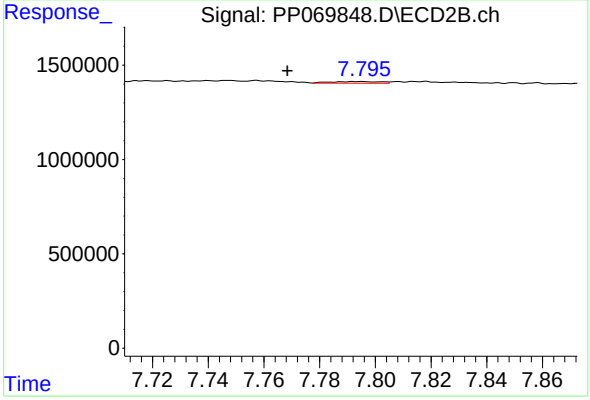
#37 AR-1262-2

R.T.: 7.264 min
Delta R.T.: 0.021 min
Response: 434639
Conc: 7.13 ng/ml



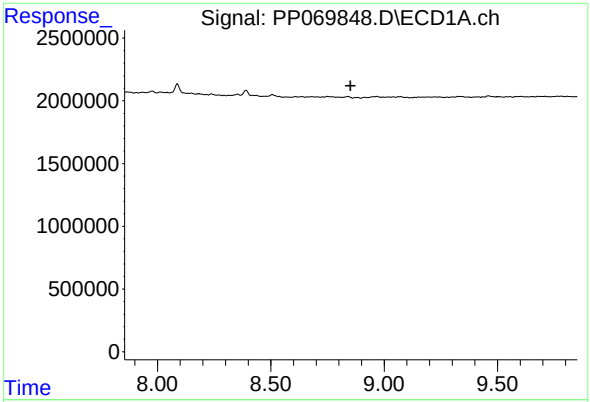
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

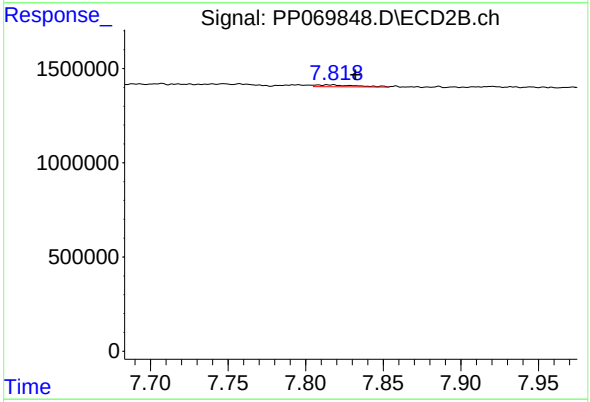
R.T.: 7.795 min
Delta R.T.: 0.026 min
Response: 110420
Conc: 2.11 ng/ml



#39 AR-1262-4

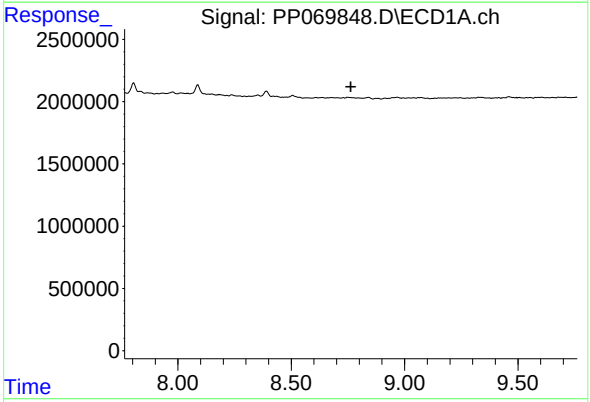
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



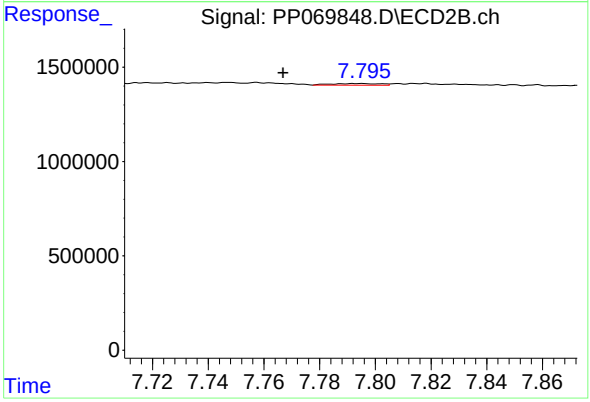
#39 AR-1262-4

R.T.: 7.818 min
Delta R.T.: -0.014 min
Response: 192288
Conc: 2.08 ng/ml



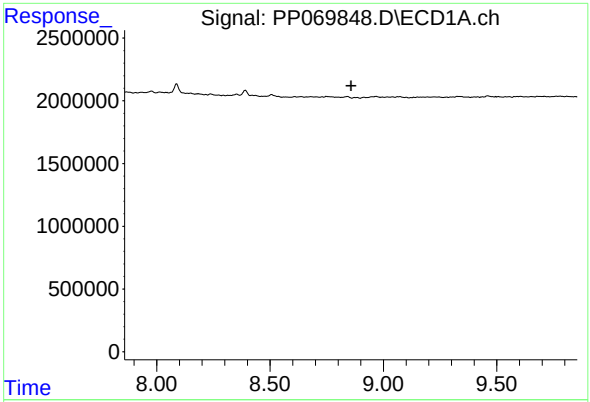
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

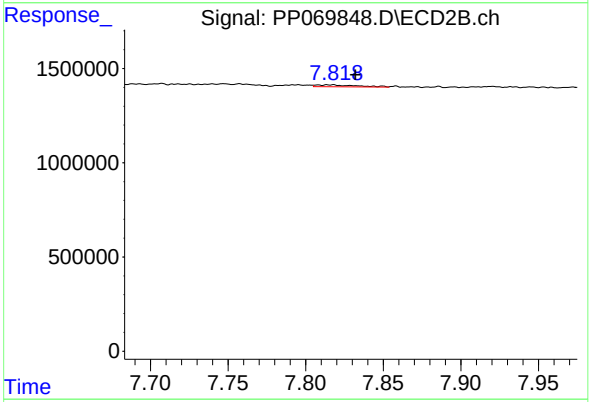
R.T.: 7.795 min
Delta R.T.: 0.028 min
Response: 110420
Conc: 0.76 ng/ml



#42 AR-1268-2

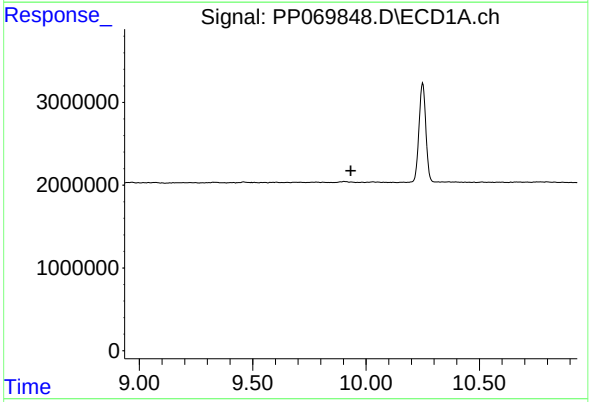
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725



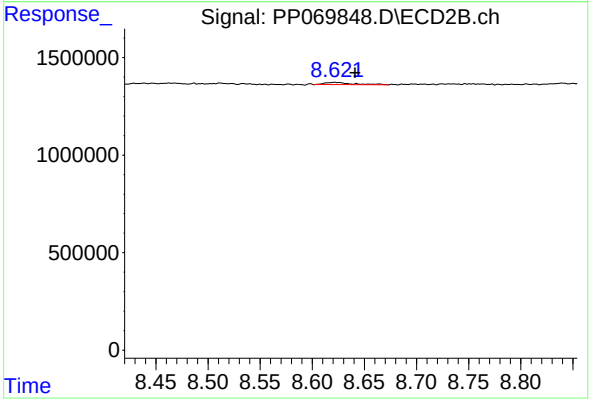
#42 AR-1268-2

R.T.: 7.818 min
Delta R.T.: -0.014 min
Response: 192288
Conc: 1.45 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 199304
Conc: 0.56 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:19
Operator : YP\AJ
Sample : Q1382-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:26:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	39651881	22034948	27.700	24.688	
2)	SA Decachlor...	10.254	8.888	25322622	26203070	23.170	23.427	
	Target Compounds							
5)	L1 AR-1016-3	0.000	5.159	0	404069	N.D.	16.238	#
6)	L1 AR-1016-4	0.000	5.159	0	404069	N.D.	20.007	#
7)	L1 AR-1016-5	0.000	5.374	0	461832	N.D.	17.217	#
8)	L2 AR-1221-1	0.000	4.049	0	62732	N.D.	5.093	#
9)	L2 AR-1221-2	4.828	4.133	420769	606025	30.730	62.584	#
10)	L2 AR-1221-3	0.000	4.254f	0	102547	N.D.	3.515	#
11)	L3 AR-1232-1	4.828f	4.254f	420769	102547	12.638	4.368	#
12)	L3 AR-1232-2	5.383f	0.000	651634	0	39.875	N.D.	#
13)	L3 AR-1232-3	0.000	5.159	0	404069	N.D.	31.209	#
14)	L3 AR-1232-4	0.000	5.203	0	164339	N.D.	14.824	#
15)	L3 AR-1232-5	5.953	5.374	492519	461832	42.968	37.823	
18)	L4 AR-1242-3	0.000	5.159	0	404069	N.D.	17.955	#
19)	L4 AR-1242-4	0.000	5.203	0	164339	N.D.	7.615	#
20)	L4 AR-1242-5	0.000	5.728	0	1206078	N.D.	41.924	#
22)	L5 AR-1248-2	5.953	5.159	492519	404069	11.603	13.440	
23)	L5 AR-1248-3	0.000	5.203	0	164339	N.D.	5.304	#
24)	L5 AR-1248-4	6.530	5.403	1723339	35872	31.264	0.971	#
25)	L5 AR-1248-5	0.000	5.773	0	502335	N.D.	13.435	#
26)	L6 AR-1254-1	6.530	5.728	1723339	1206078	29.783	21.906	#
27)	L6 AR-1254-2	6.746	5.876	949820	1482272	11.837	30.645	#
28)	L6 AR-1254-3	7.108	6.280	710332	1883488	8.427	24.817	#
29)	L6 AR-1254-4	7.391	6.509	834296	1037968	12.235	20.253	#
30)	L6 AR-1254-5	0.000	6.926	0	245587	N.D.	3.690	#
31)	L7 AR-1260-1	0.000	6.423	0	460250	N.D.	9.543	#
32)	L7 AR-1260-2	7.473f	6.597	881234	425462	11.325	6.940	#
33)	L7 AR-1260-3	0.000	6.752	0	584684	N.D.	9.719	#
34)	L7 AR-1260-4	8.092	7.227	995020	123084	15.081	2.649	#
35)	L7 AR-1260-5	8.394f	0.000	683916	0	5.224	N.D.	#
36)	L8 AR-1262-1	8.092	6.926f	995020	245587	12.592	3.458	#
37)	L8 AR-1262-2	8.394f	7.227	683916	123084	4.472	2.018	#
38)	L8 AR-1262-3	0.000	7.745	0	110387	N.D.	2.111	#
39)	L8 AR-1262-4	0.000	7.795f	0	167807	N.D.	1.815	#
40)	L8 AR-1262-5	0.000	8.399f	0	49133	N.D.	1.028	#
41)	L9 AR-1268-1	0.000	7.745	0	110387	N.D.	0.761	#
42)	L9 AR-1268-2	0.000	7.795f	0	167807	N.D.	1.263	#
43)	L9 AR-1268-3	0.000	8.018	0	115885	N.D.	1.019	#
44)	L9 AR-1268-4	0.000	8.273f	0	200171	N.D.	3.844	#
45)	L9 AR-1268-5	0.000	8.624	0	146464	N.D.	0.411	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:19
Operator : YP\AJ
Sample : Q1382-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:26:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

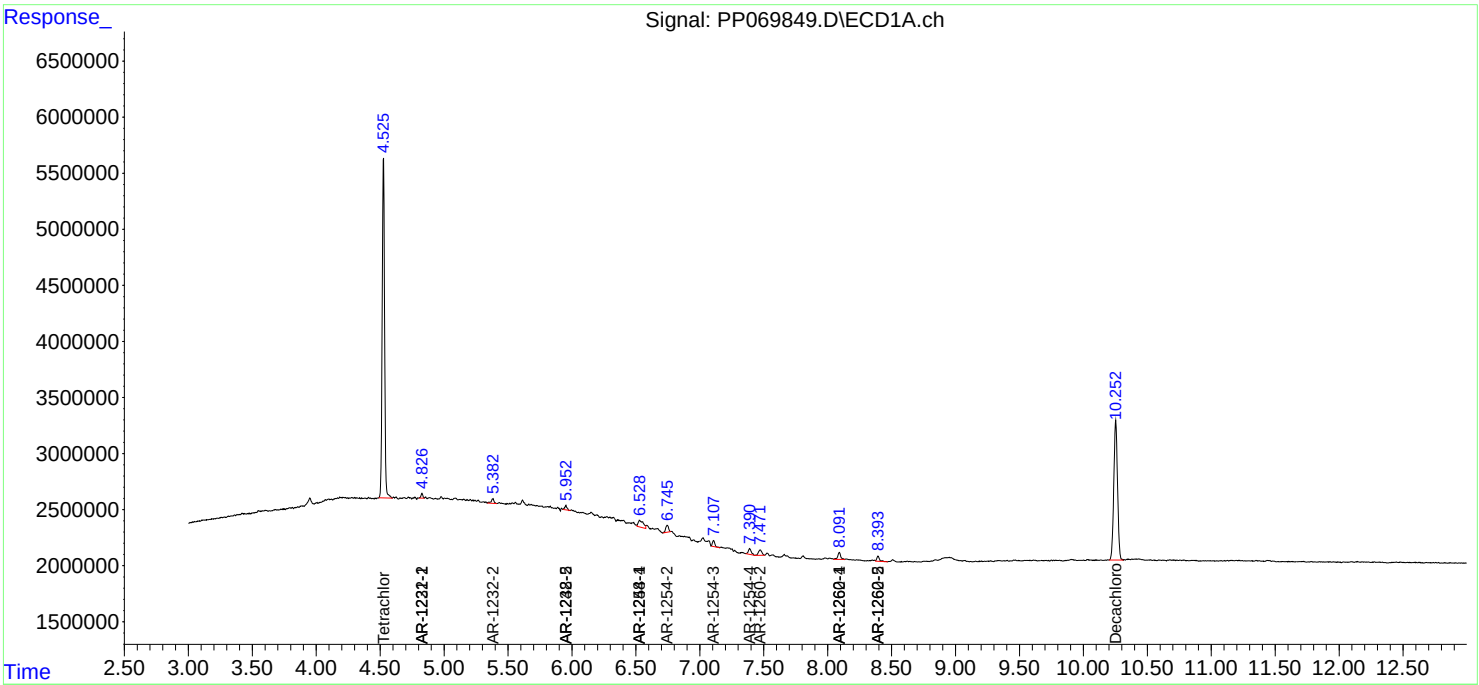
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

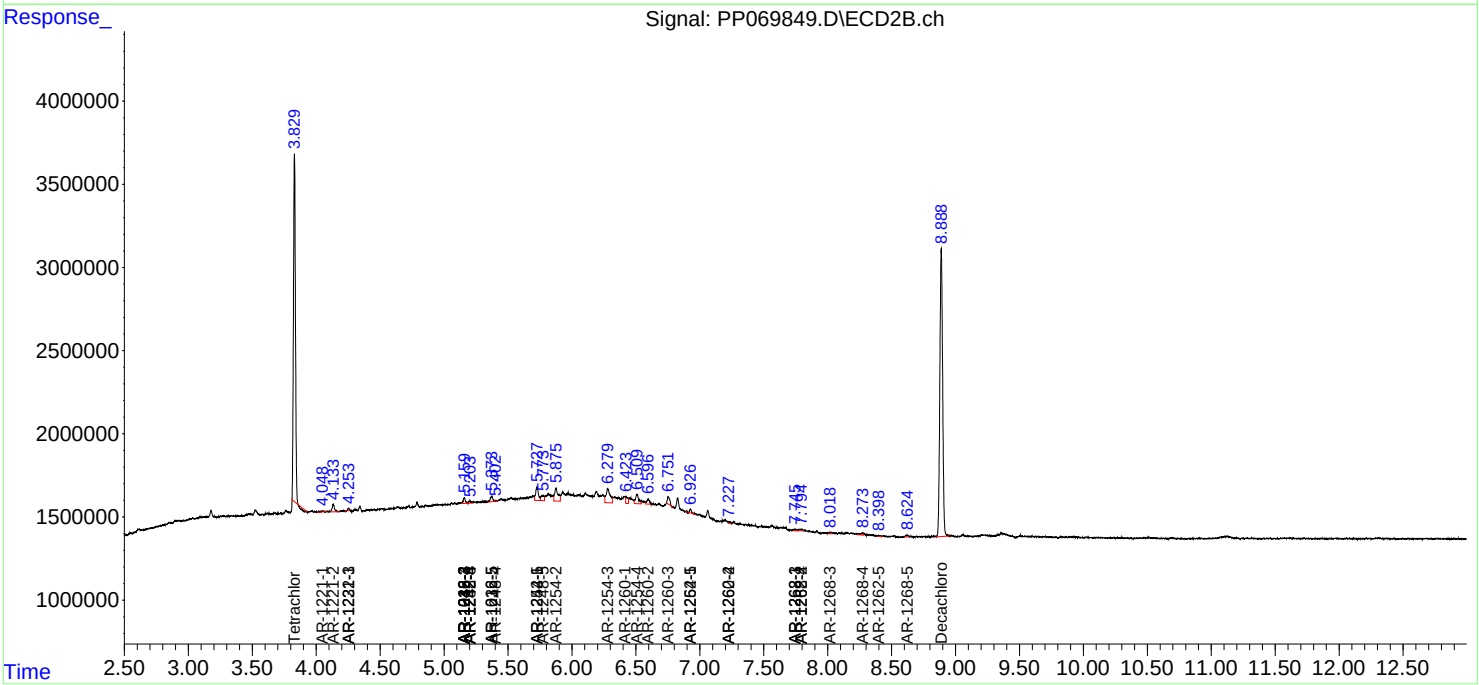
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069849.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:19
Operator : YP\AJ
Sample : Q1382-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

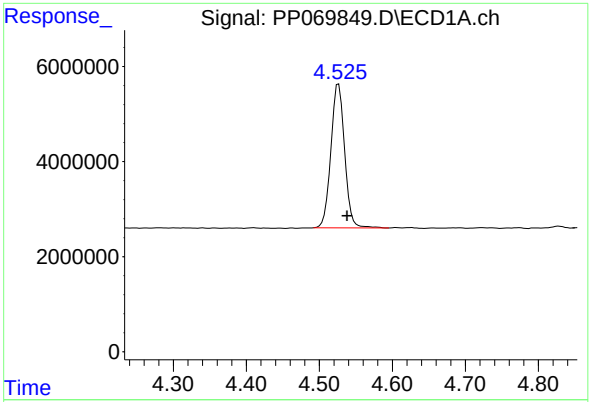
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:26:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



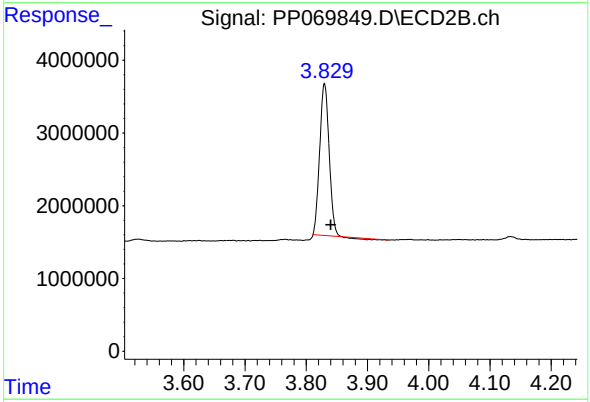




#1 Tetrachloro-m-xylene

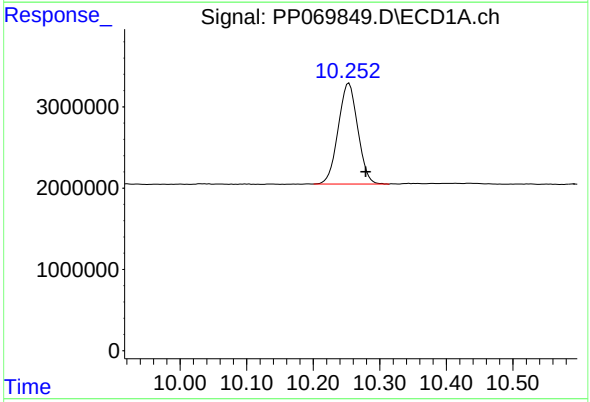
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39651881
Conc: 27.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



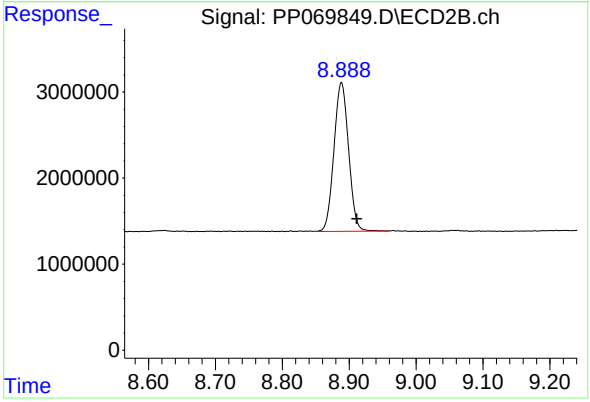
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22034948
Conc: 24.69 ng/ml



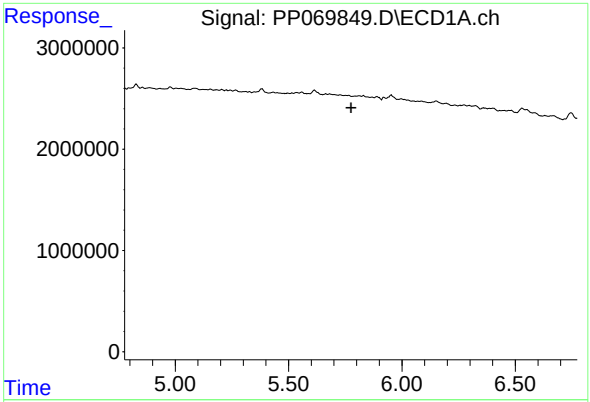
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 25322622
Conc: 23.17 ng/ml



#2 Decachlorobiphenyl

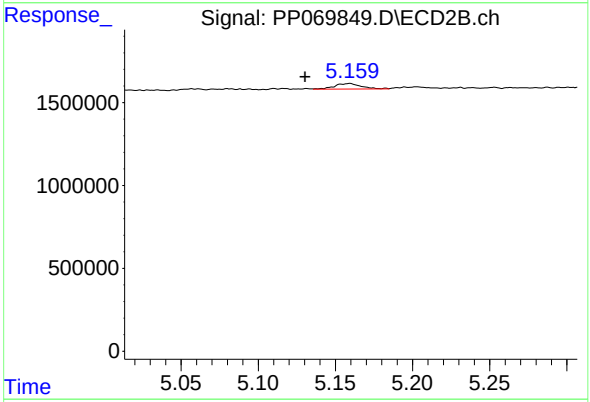
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26203070
Conc: 23.43 ng/ml



#5 AR-1016-3

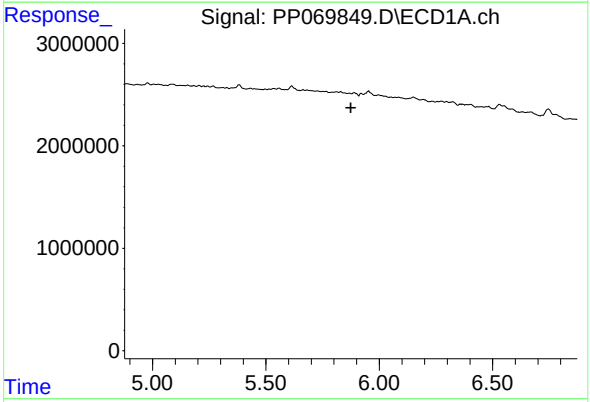
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



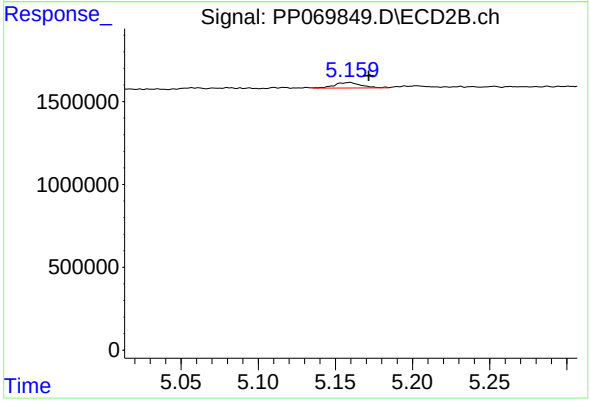
#5 AR-1016-3

R.T.: 5.159 min
Delta R.T.: 0.029 min
Response: 404069
Conc: 16.24 ng/ml



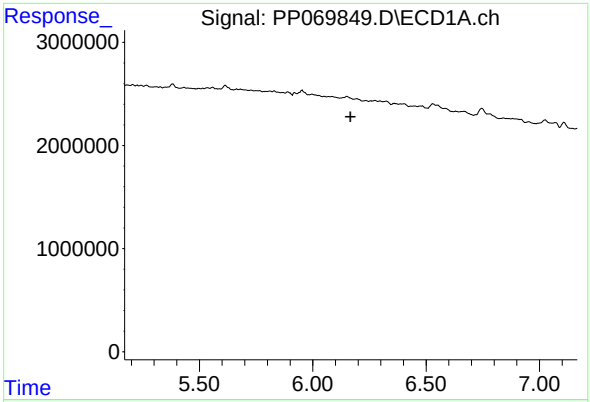
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

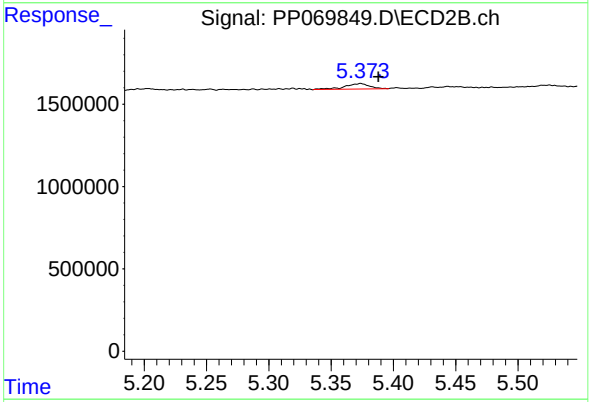
R.T.: 5.159 min
Delta R.T.: -0.012 min
Response: 404069
Conc: 20.01 ng/ml



#7 AR-1016-5

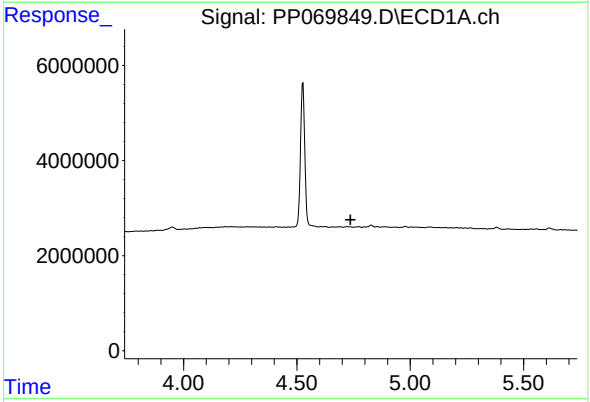
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



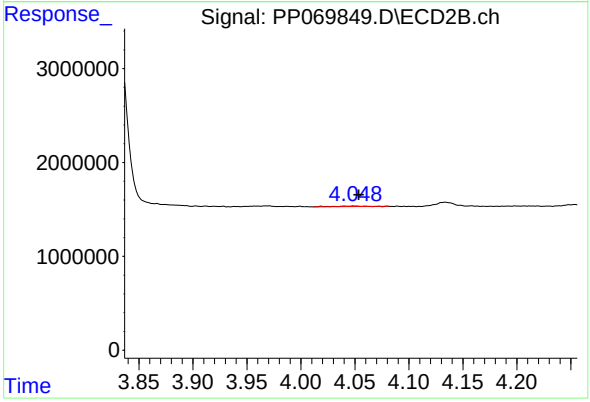
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 461832
Conc: 17.22 ng/ml



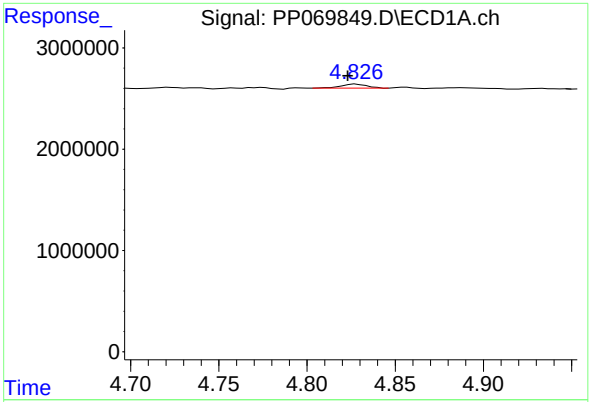
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

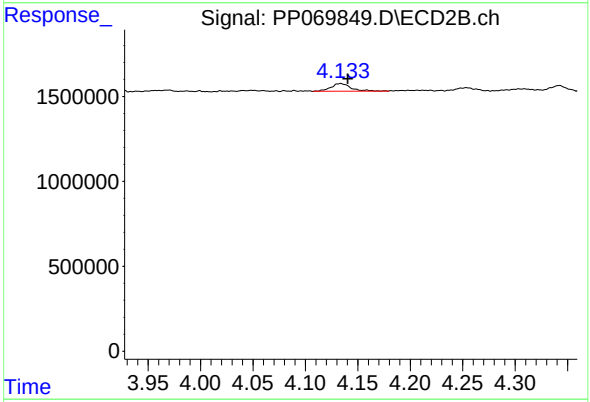
R.T.: 4.049 min
Delta R.T.: -0.004 min
Response: 62732
Conc: 5.09 ng/ml



#9 AR-1221-2

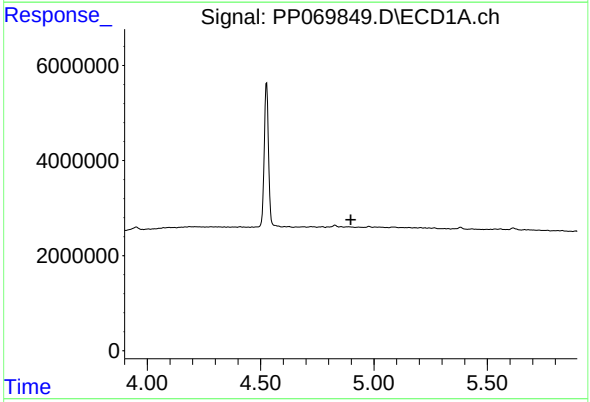
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 420769
Conc: 30.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



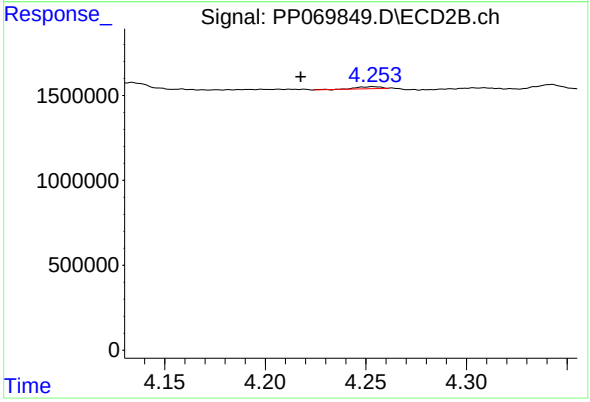
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 606025
Conc: 62.58 ng/ml



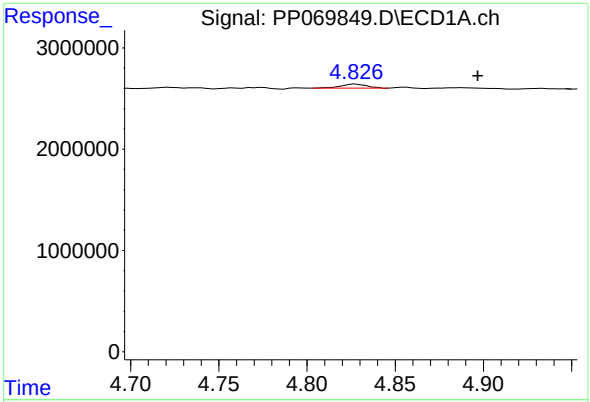
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

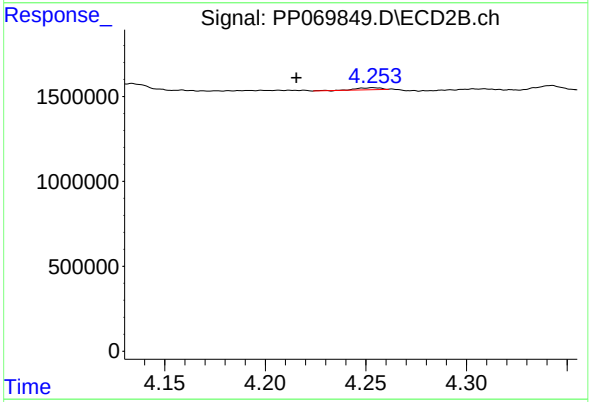
R.T.: 4.254 min
Delta R.T.: 0.036 min
Response: 102547
Conc: 3.51 ng/ml



#11 AR-1232-1

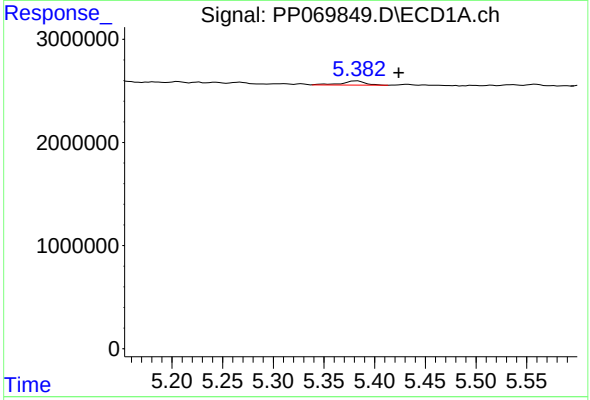
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 420769
Conc: 12.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



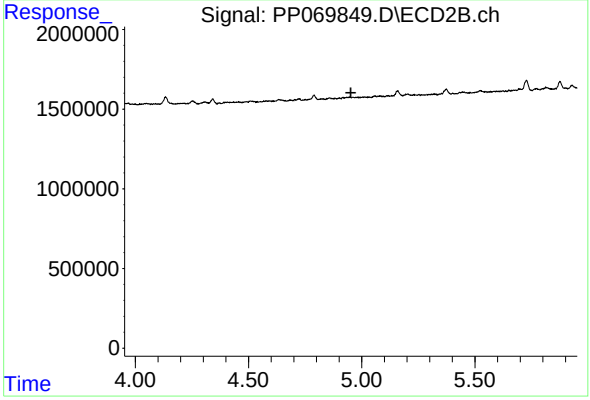
#11 AR-1232-1

R.T.: 4.254 min
Delta R.T.: 0.038 min
Response: 102547
Conc: 4.37 ng/ml



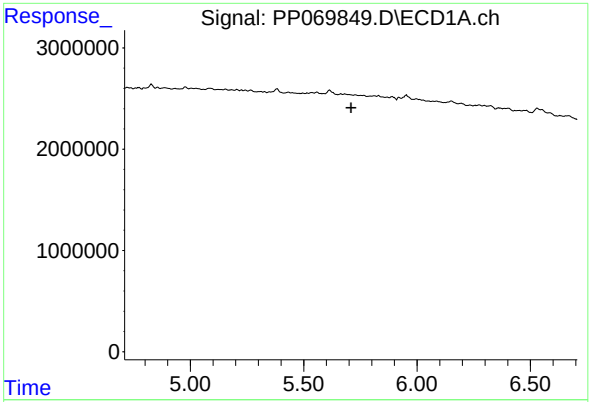
#12 AR-1232-2

R.T.: 5.383 min
Delta R.T.: -0.041 min
Response: 651634
Conc: 39.87 ng/ml



#12 AR-1232-2

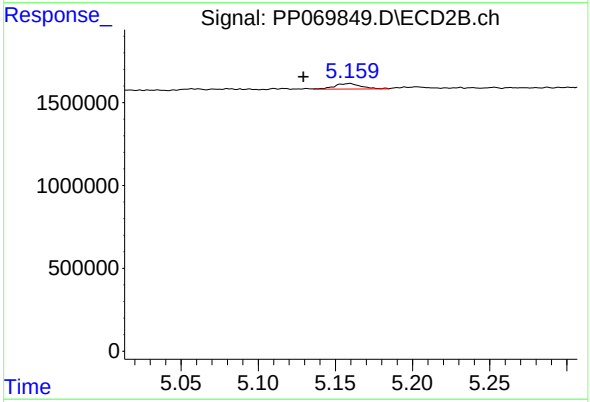
R.T.: 0.000 min
Exp R.T. : 4.952 min
Response: 0
Conc: N.D.



#13 AR-1232-3

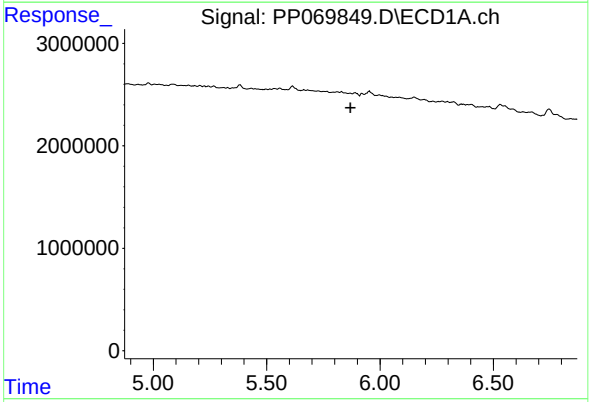
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



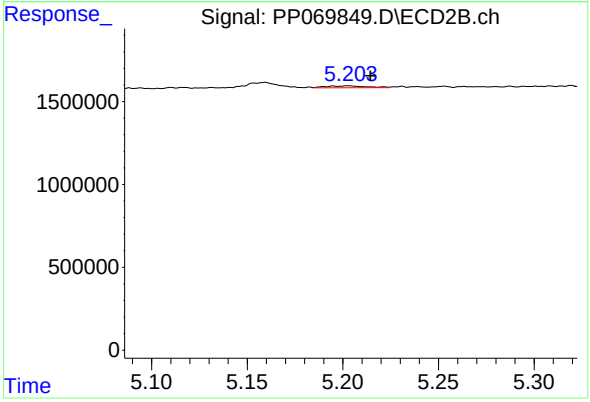
#13 AR-1232-3

R.T.: 5.159 min
Delta R.T.: 0.030 min
Response: 404069
Conc: 31.21 ng/ml



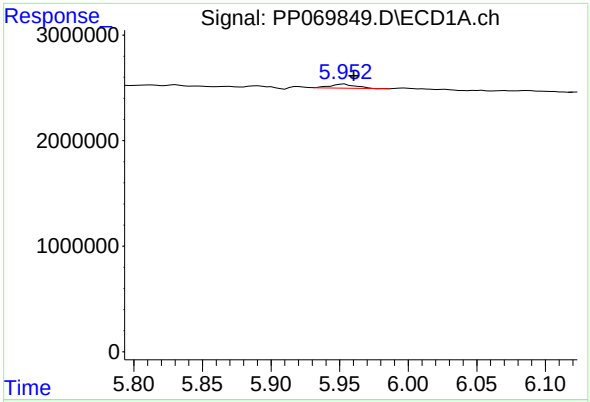
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

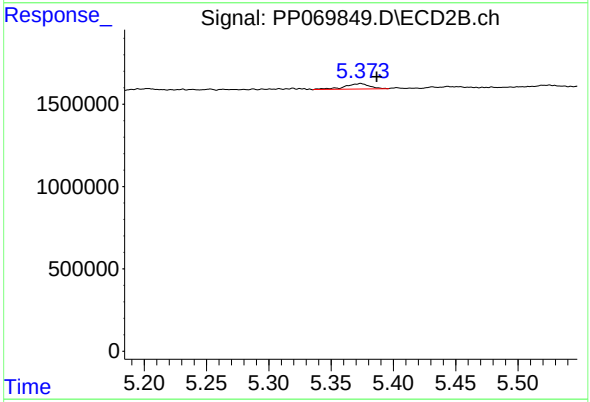
R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 164339
Conc: 14.82 ng/ml



#15 AR-1232-5

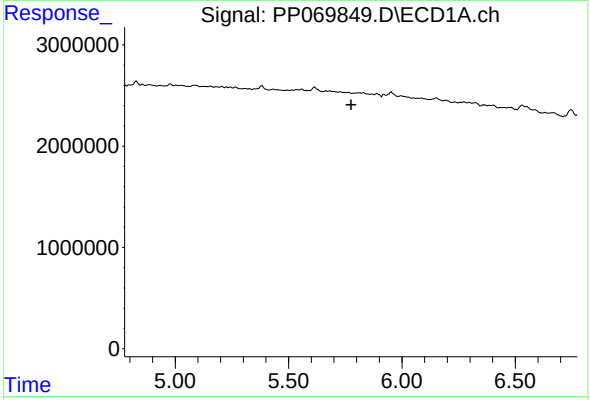
R.T.: 5.953 min
Delta R.T.: -0.007 min
Response: 492519
Conc: 42.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



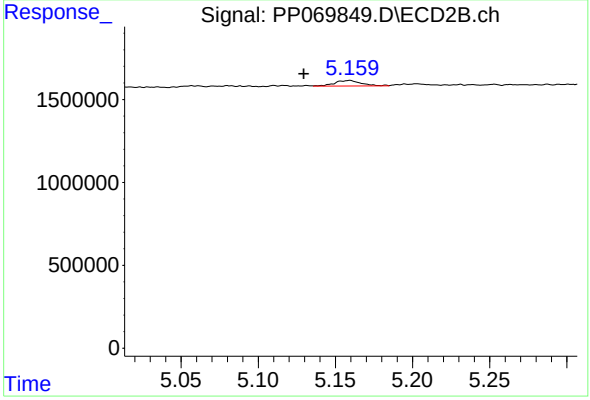
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 461832
Conc: 37.82 ng/ml



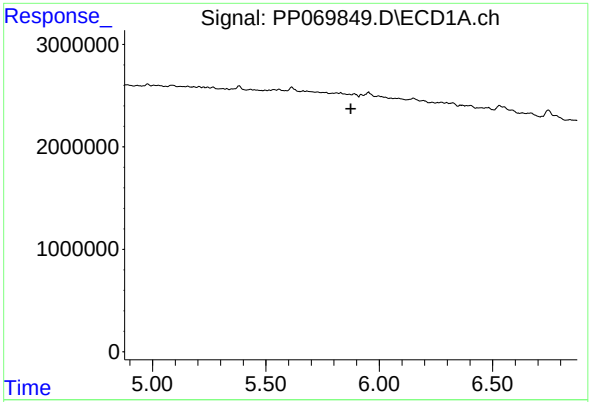
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

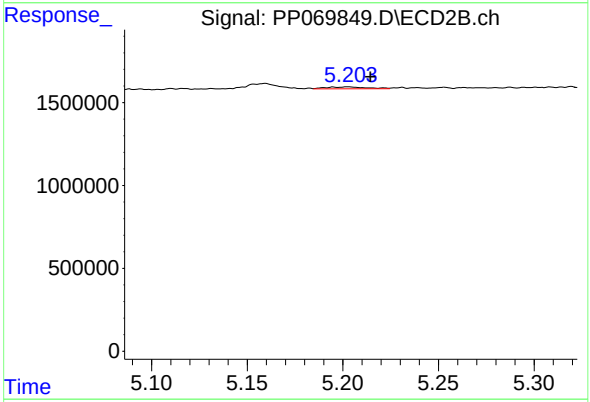
R.T.: 5.159 min
Delta R.T.: 0.030 min
Response: 404069
Conc: 17.96 ng/ml



#19 AR-1242-4

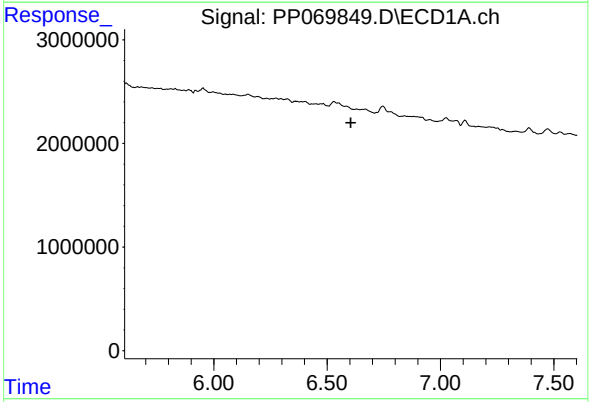
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



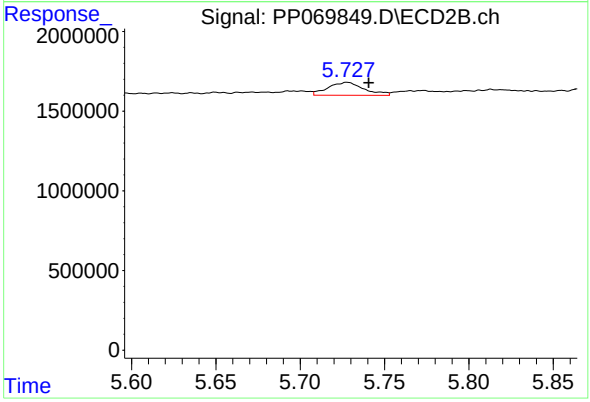
#19 AR-1242-4

R.T.: 5.203 min
Delta R.T.: -0.011 min
Response: 164339
Conc: 7.61 ng/ml



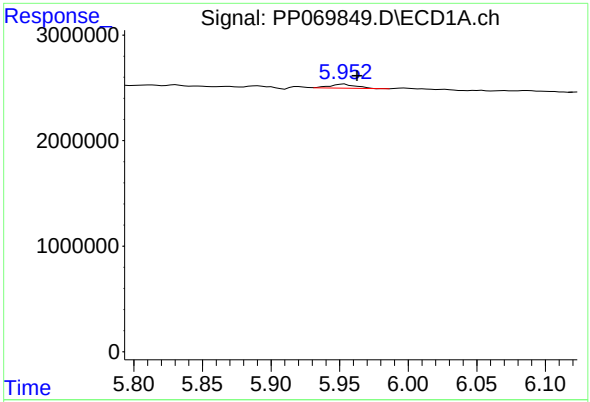
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

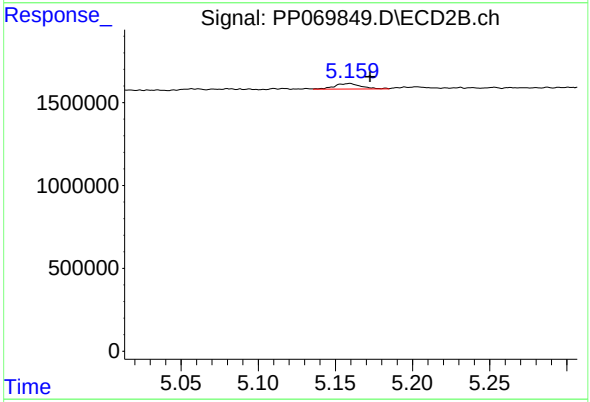
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 1206078
Conc: 41.92 ng/ml



#22 AR-1248-2

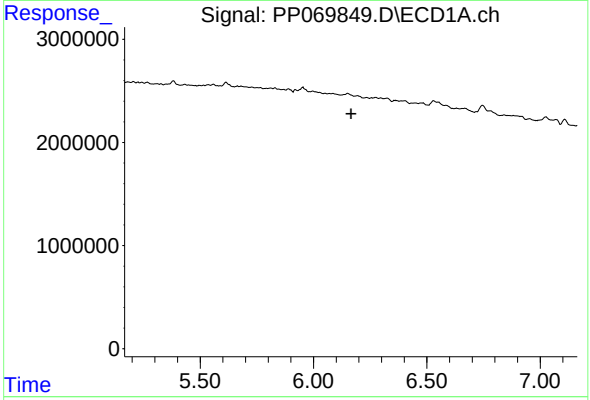
R.T.: 5.953 min
Delta R.T.: -0.009 min
Response: 492519
Conc: 11.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



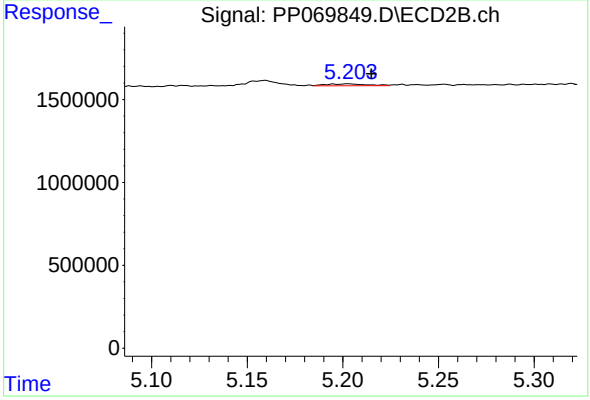
#22 AR-1248-2

R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 404069
Conc: 13.44 ng/ml



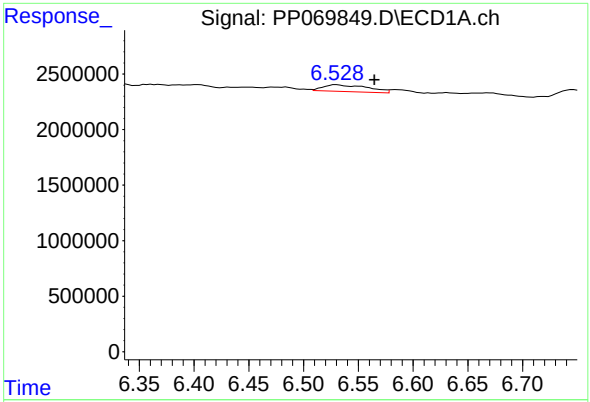
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.



#23 AR-1248-3

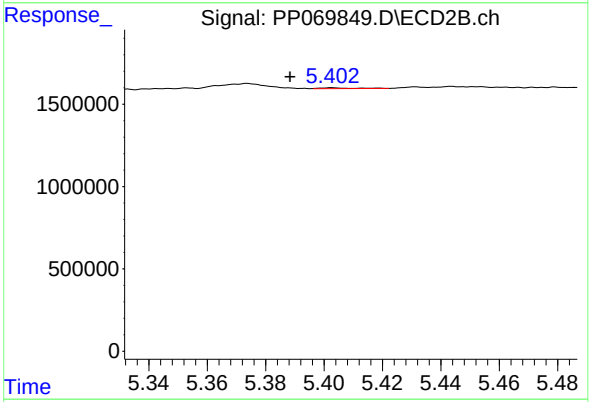
R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 164339
Conc: 5.30 ng/ml



#24 AR-1248-4

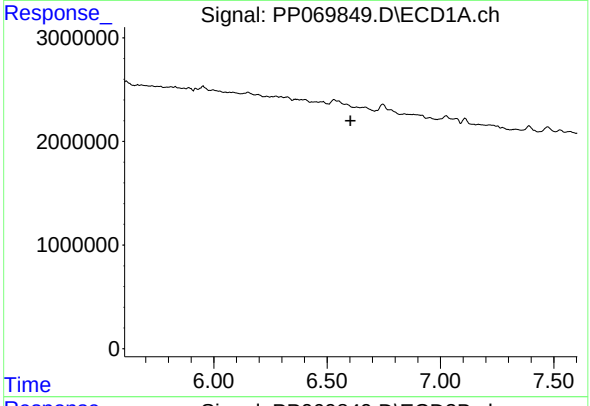
R.T.: 6.530 min
Delta R.T.: -0.035 min
Response: 1723339
Conc: 31.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



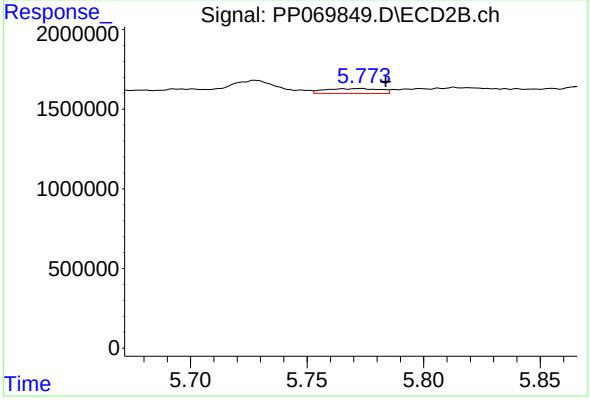
#24 AR-1248-4

R.T.: 5.403 min
Delta R.T.: 0.014 min
Response: 35872
Conc: 0.97 ng/ml



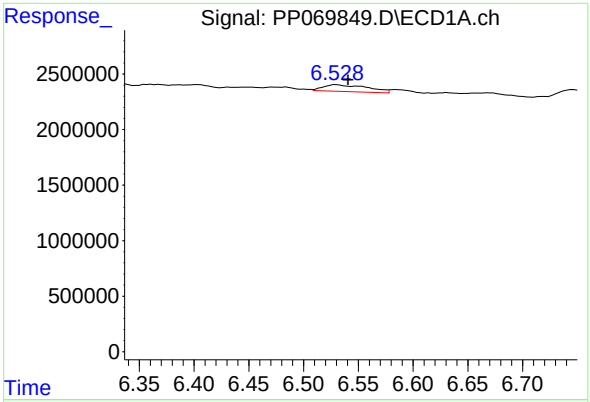
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.



#25 AR-1248-5

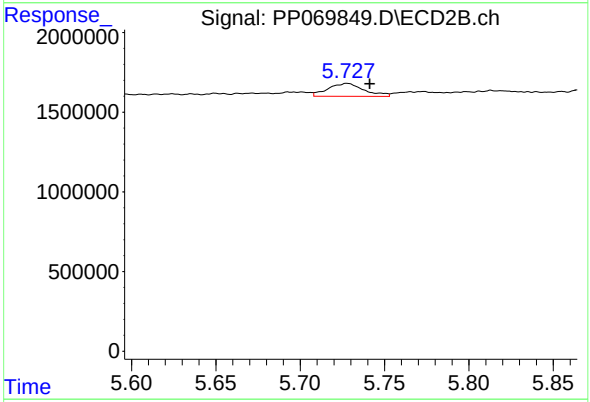
R.T.: 5.773 min
Delta R.T.: -0.011 min
Response: 502335
Conc: 13.44 ng/ml



#26 AR-1254-1

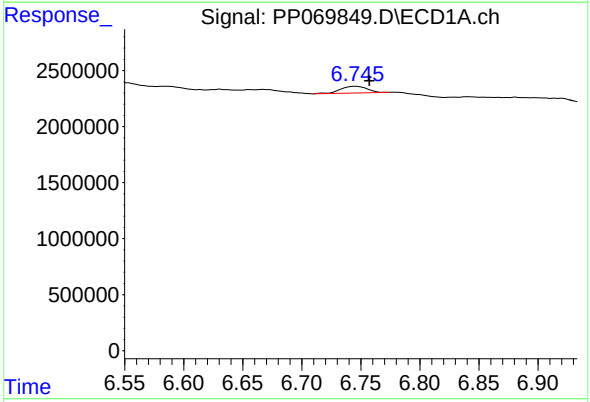
R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 1723339
Conc: 29.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



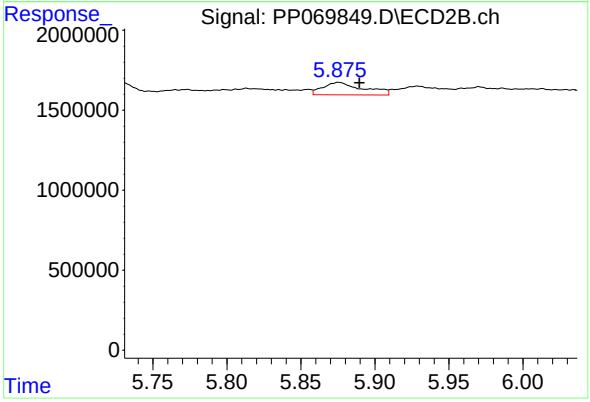
#26 AR-1254-1

R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 1206078
Conc: 21.91 ng/ml



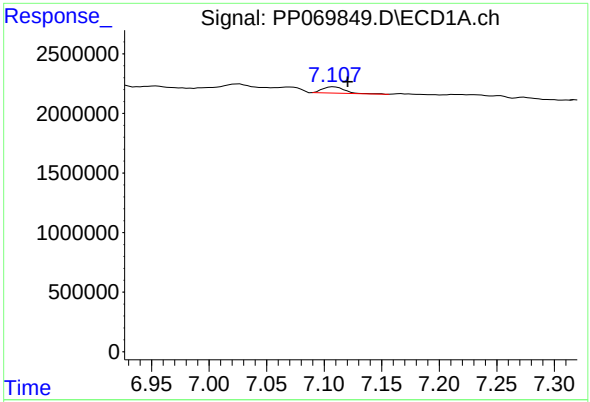
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 949820
Conc: 11.84 ng/ml



#27 AR-1254-2

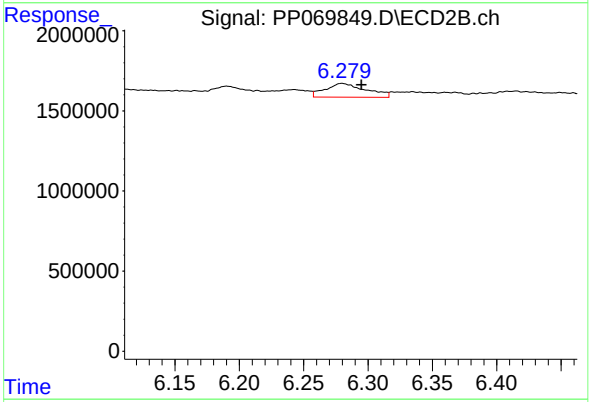
R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 1482272
Conc: 30.65 ng/ml



#28 AR-1254-3

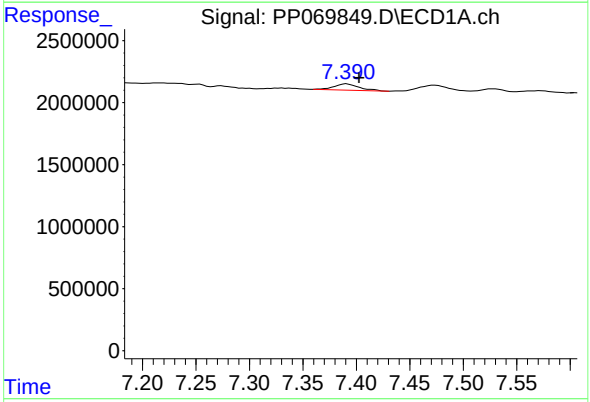
R.T.: 7.108 min
Delta R.T.: -0.012 min
Response: 710332
Conc: 8.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



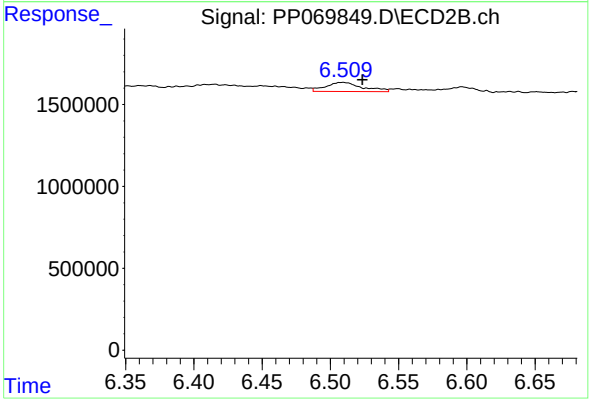
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 1883488
Conc: 24.82 ng/ml



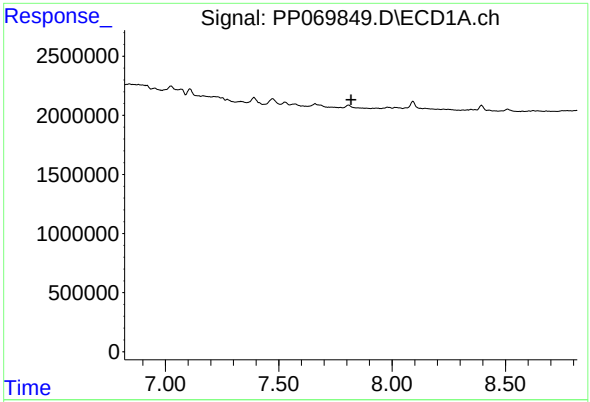
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.011 min
Response: 834296
Conc: 12.24 ng/ml



#29 AR-1254-4

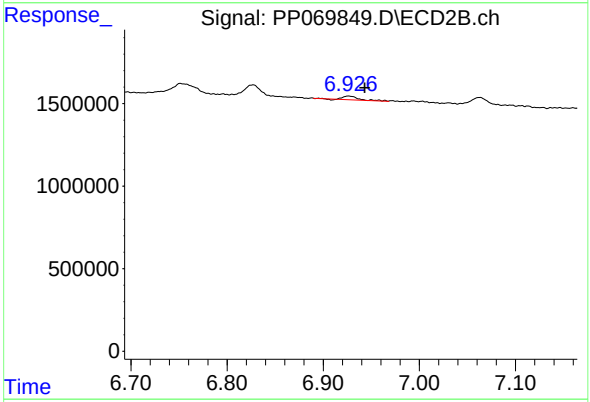
R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 1037968
Conc: 20.25 ng/ml



#30 AR-1254-5

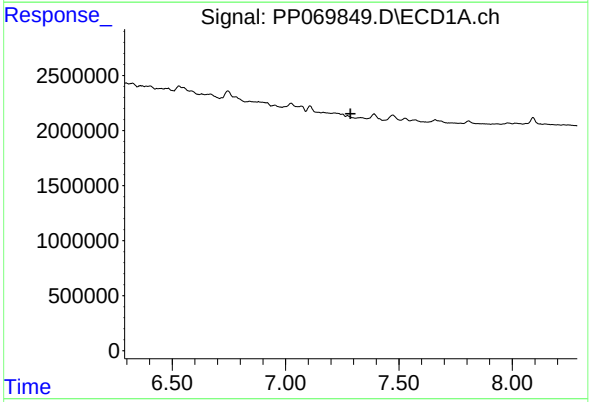
R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



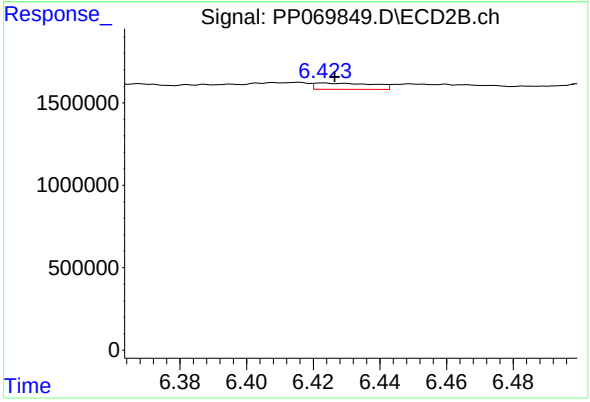
#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 245587
Conc: 3.69 ng/ml



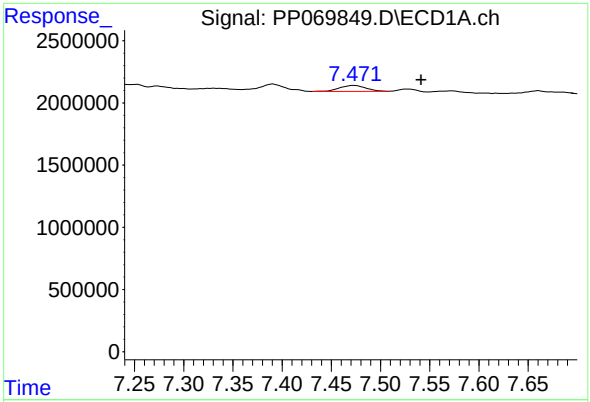
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.



#31 AR-1260-1

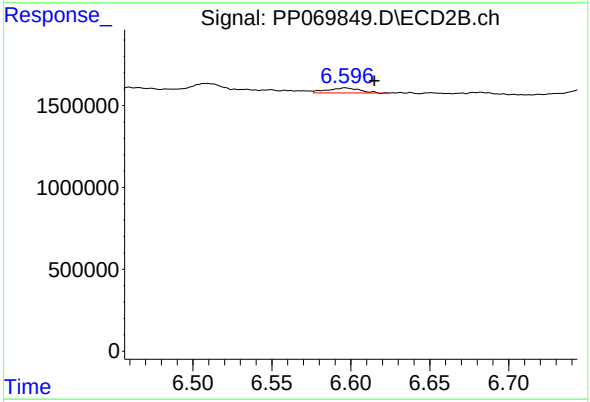
R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 460250
Conc: 9.54 ng/ml



#32 AR-1260-2

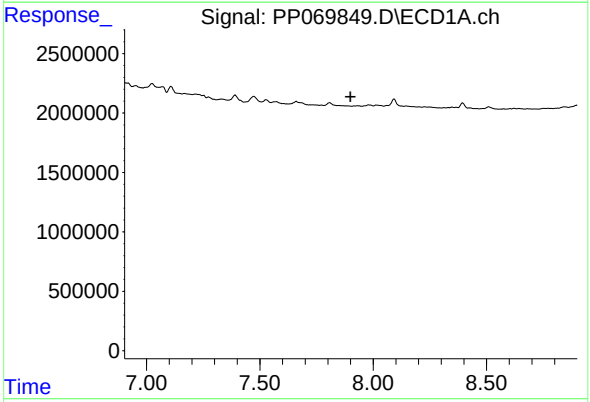
R.T.: 7.473 min
Delta R.T.: -0.068 min
Response: 881234
Conc: 11.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



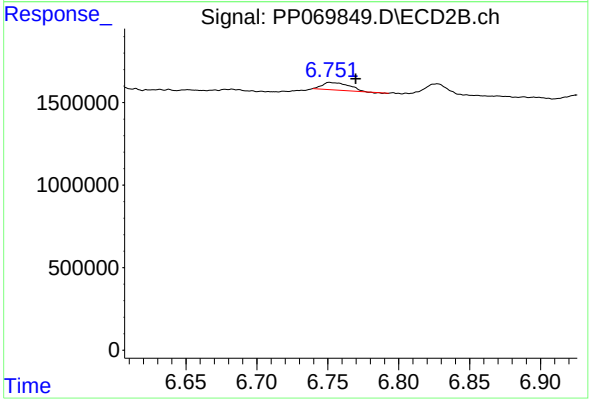
#32 AR-1260-2

R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 425462
Conc: 6.94 ng/ml



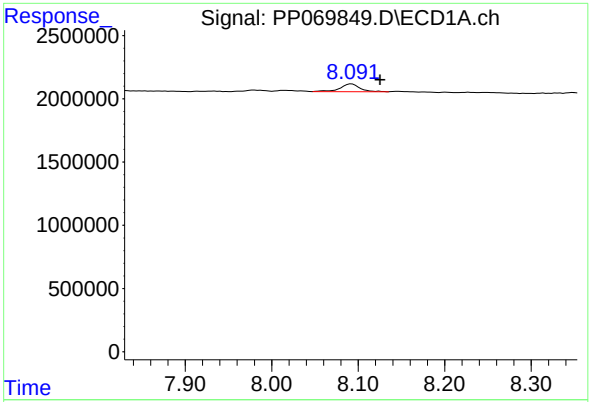
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

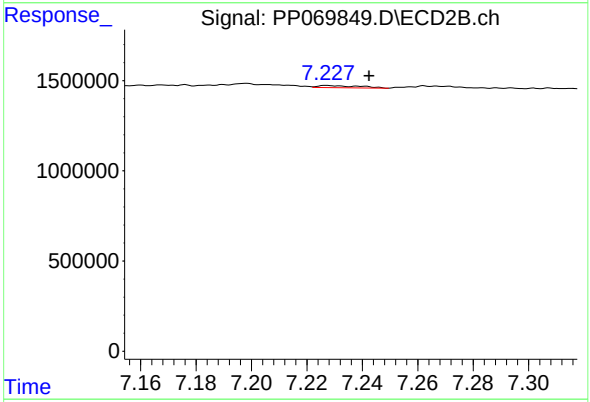
R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 584684
Conc: 9.72 ng/ml



#34 AR-1260-4

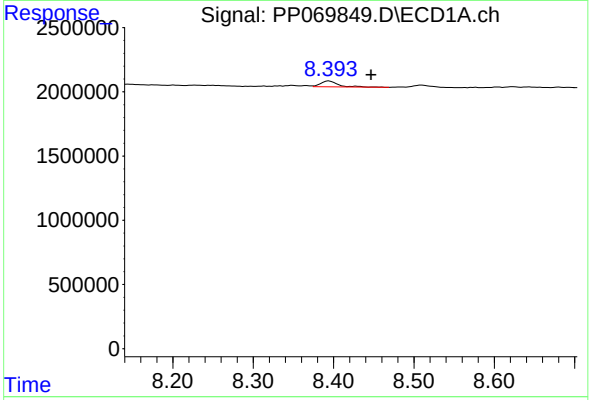
R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 995020
Conc: 15.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



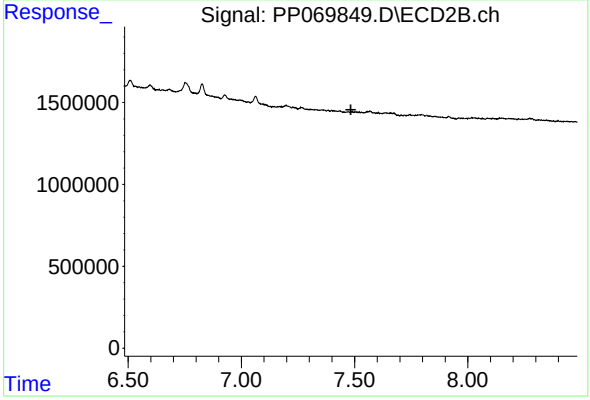
#34 AR-1260-4

R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 123084
Conc: 2.65 ng/ml



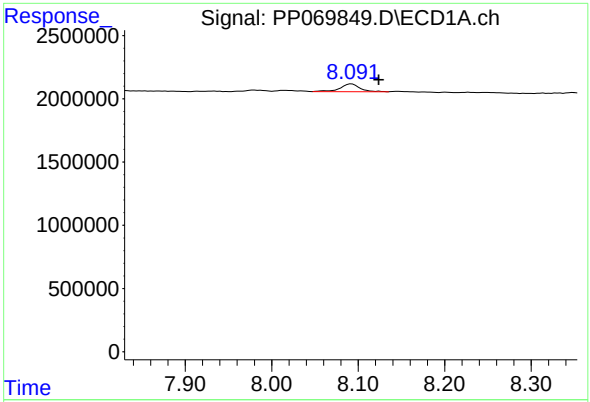
#35 AR-1260-5

R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 683916
Conc: 5.22 ng/ml



#35 AR-1260-5

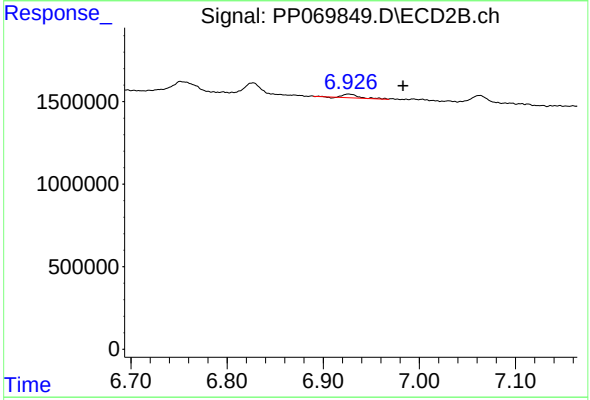
R.T.: 0.000 min
Exp R.T. : 7.484 min
Response: 0
Conc: N.D.



#36 AR-1262-1

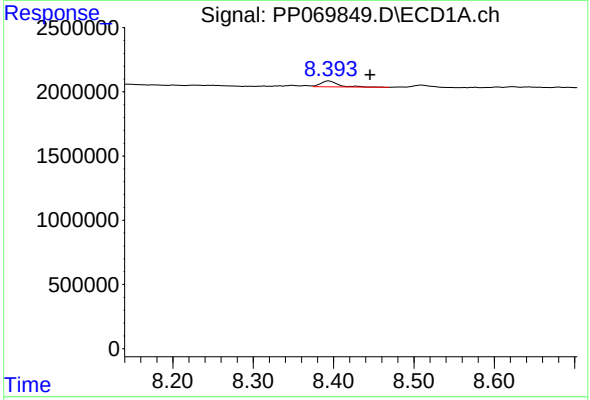
R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 995020
Conc: 12.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



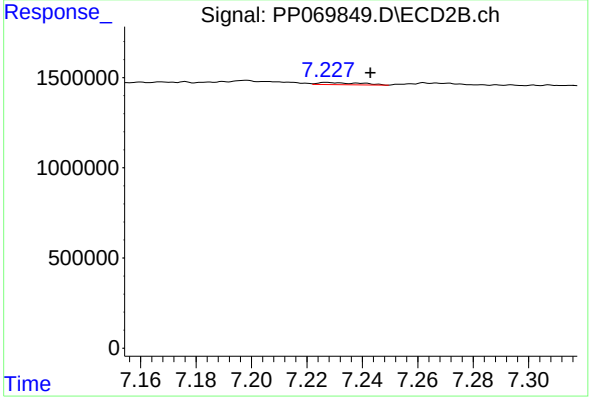
#36 AR-1262-1

R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 245587
Conc: 3.46 ng/ml



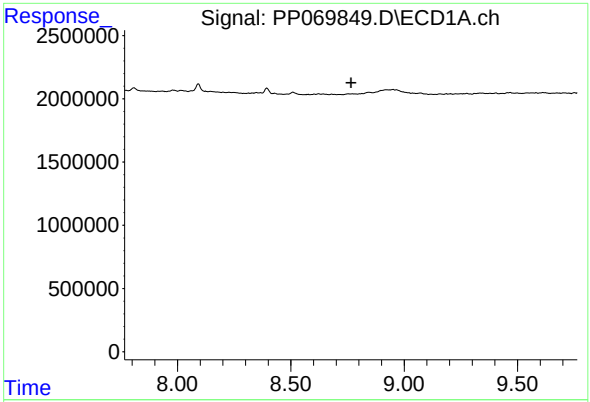
#37 AR-1262-2

R.T.: 8.394 min
Delta R.T.: -0.051 min
Response: 683916
Conc: 4.47 ng/ml



#37 AR-1262-2

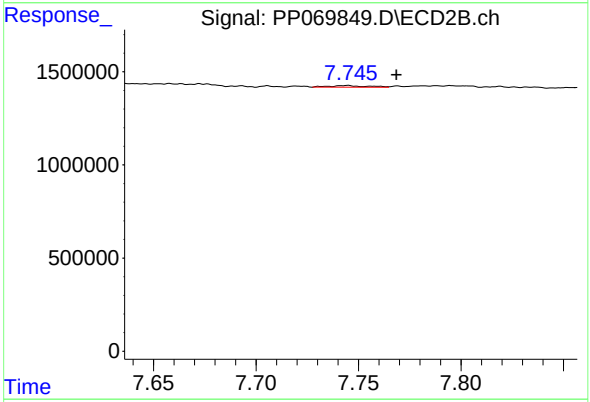
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 123084
Conc: 2.02 ng/ml



#38 AR-1262-3

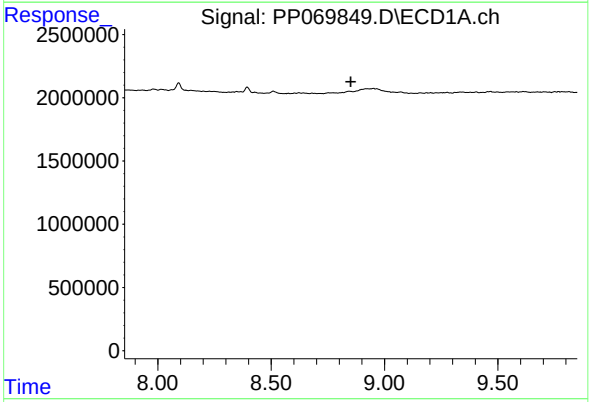
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



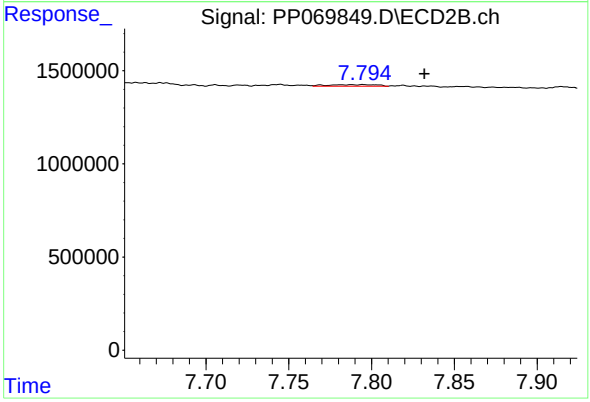
#38 AR-1262-3

R.T.: 7.745 min
Delta R.T.: -0.024 min
Response: 110387
Conc: 2.11 ng/ml



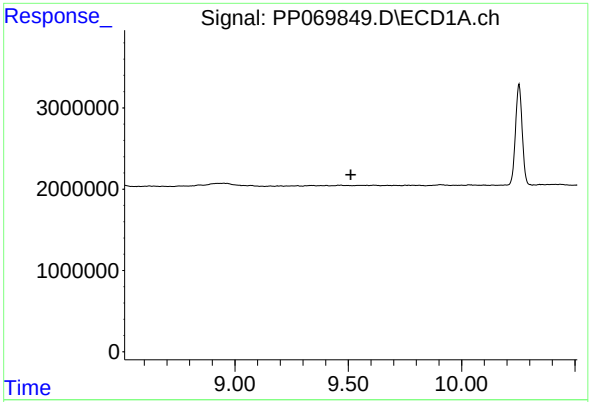
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

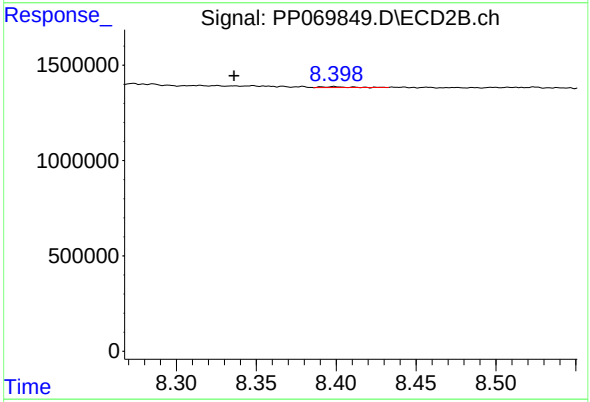
R.T.: 7.795 min
Delta R.T.: -0.037 min
Response: 167807
Conc: 1.82 ng/ml



#40 AR-1262-5

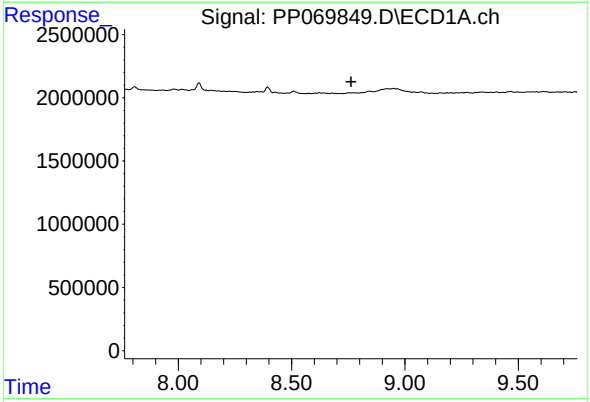
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



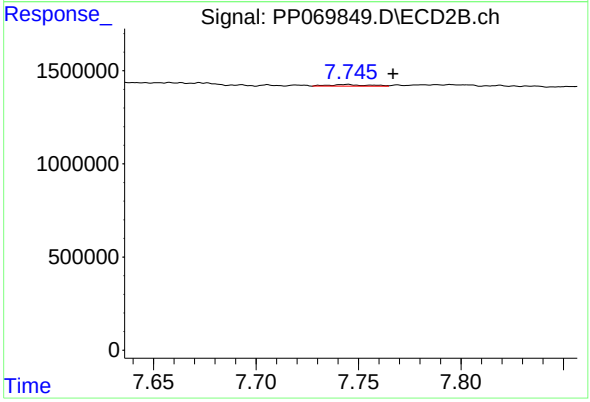
#40 AR-1262-5

R.T.: 8.399 min
Delta R.T.: 0.063 min
Response: 49133
Conc: 1.03 ng/ml



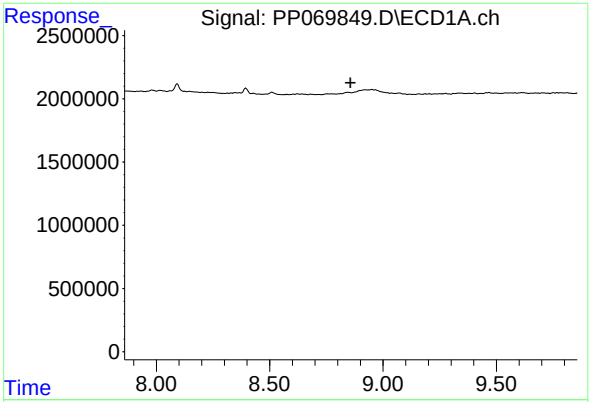
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

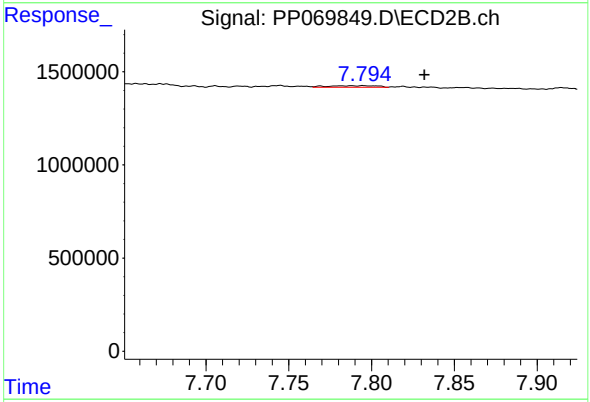
R.T.: 7.745 min
Delta R.T.: -0.022 min
Response: 110387
Conc: 0.76 ng/ml



#42 AR-1268-2

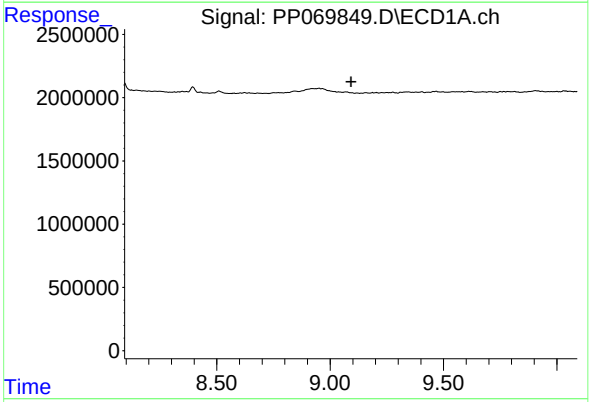
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



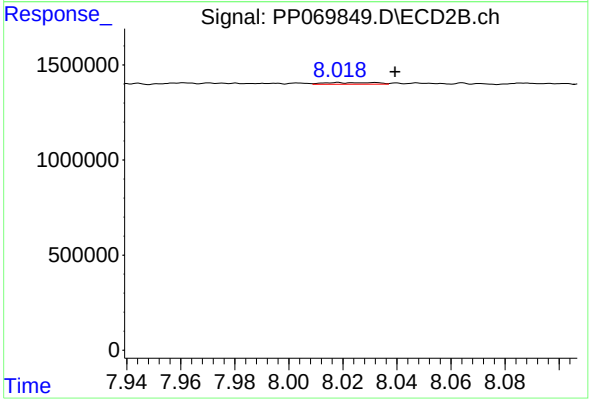
#42 AR-1268-2

R.T.: 7.795 min
Delta R.T.: -0.037 min
Response: 167807
Conc: 1.26 ng/ml



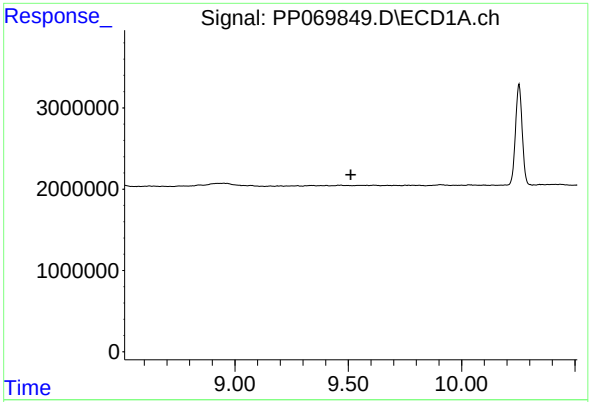
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

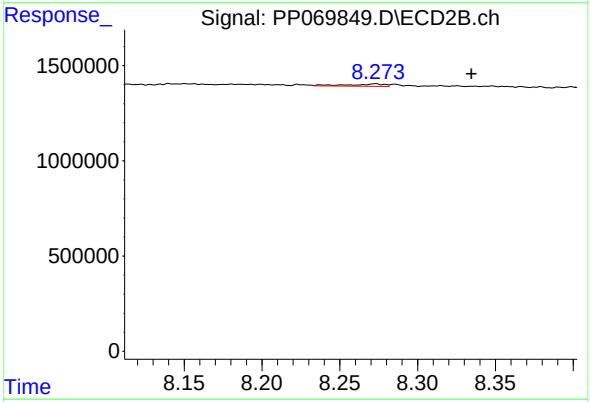
R.T.: 8.018 min
Delta R.T.: -0.021 min
Response: 115885
Conc: 1.02 ng/ml



#44 AR-1268-4

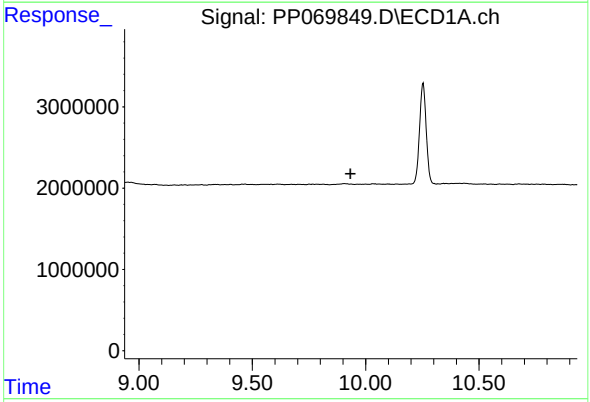
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725



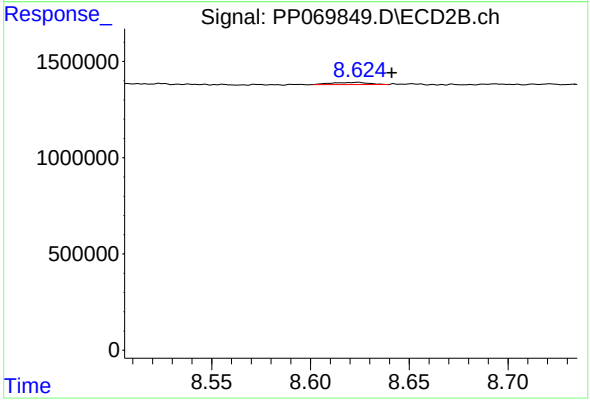
#44 AR-1268-4

R.T.: 8.273 min
Delta R.T.: -0.062 min
Response: 200171
Conc: 3.84 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.624 min
Delta R.T.: -0.017 min
Response: 146464
Conc: 0.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:52
Operator : YP\AJ
Sample : Q1382-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:27:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	38716836	23295540	27.047	26.100	
2)	SA Decachlor...	10.249	8.887	25206140	24759513	23.064	22.137	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.934	0	36516	N.D.	1.120	#
4)	L1 AR-1016-2	0.000	4.934	0	36516	N.D.	0.812	#
5)	L1 AR-1016-3	0.000	5.121	0	96403	N.D.	3.874	#
6)	L1 AR-1016-4	0.000	5.158	0	1147830	N.D.	56.834	#
7)	L1 AR-1016-5	6.151	5.373	1037185	976749	31.374	36.413	
8)	L2 AR-1221-1	0.000	4.043	0	196186	N.D.	15.927	#
9)	L2 AR-1221-2	4.828	4.133	617285	641339	45.082	66.231	#
10)	L2 AR-1221-3	0.000	4.205	0	154024	N.D.	5.279	#
11)	L3 AR-1232-1	4.828f	4.205	617285	154024	18.541	6.560	#
12)	L3 AR-1232-2	5.377f	4.934	602027	36516	36.839	1.549	#
13)	L3 AR-1232-3	0.000	5.121	0	96403	N.D.	7.446	#
14)	L3 AR-1232-4	0.000	5.199	0	421096	N.D.	37.983	#
15)	L3 AR-1232-5	5.947	5.373	1235241	976749	107.764	79.994	#
16)	L4 AR-1242-1	0.000	4.934	0	36516	N.D.	1.267	#
17)	L4 AR-1242-2	0.000	4.934	0	36516	N.D.	0.927	#
18)	L4 AR-1242-3	0.000	5.121	0	96403	N.D.	4.284	#
19)	L4 AR-1242-4	0.000	5.199	0	421096	N.D.	19.511	#
20)	L4 AR-1242-5	6.547f	5.727	1706341	2987396	52.367	103.843	#
21)	L5 AR-1248-1	0.000	4.934	0	36516	N.D.	1.659	#
22)	L5 AR-1248-2	5.947	5.158	1235241	1147830	29.101	38.179	#
23)	L5 AR-1248-3	6.151	5.199	1037185	421096	22.074	13.591	#
24)	L5 AR-1248-4	6.547	5.373	1706341	976749	30.956	26.439	
25)	L5 AR-1248-5	6.547f	5.768	1706341	688393	31.964	18.411	#
26)	L6 AR-1254-1	6.547	5.727	1706341	2987396	29.489	54.261	#
27)	L6 AR-1254-2	6.742	5.876	4539867	3084505	56.577	63.771	
28)	L6 AR-1254-3	7.105	6.281	4008358	4789474	47.555	63.106	#
29)	L6 AR-1254-4	7.387	6.510	3752023	3717242	55.025	72.532	#
30)	L6 AR-1254-5	7.804	6.928	3536078	3543535	51.966	53.238	
31)	L7 AR-1260-1	7.268	6.412	1431577	2795805	24.498	57.969	#
32)	L7 AR-1260-2	7.523	6.599	1809664	2186526	23.257	35.667	#
33)	L7 AR-1260-3	0.000	6.753	0	1606112	N.D.	26.699	#
34)	L7 AR-1260-4	8.089f	7.263	2166835	996745	32.842	21.450	#
35)	L7 AR-1260-5	8.390f	7.466	424990	420310	3.246	3.782	
36)	L8 AR-1262-1	8.089	6.998	2166835	464826	27.422	6.546	#
37)	L8 AR-1262-2	8.390f	7.263	424990	996745	2.779	16.346	#
38)	L8 AR-1262-3	8.756	7.742	407604	154926	3.835	2.962	
39)	L8 AR-1262-4	8.906f	7.812	497992	805200	6.088	8.711	#
40)	L8 AR-1262-5	0.000	8.321	0	85208	N.D.	1.783	#
41)	L9 AR-1268-1	8.756	7.742	407604	154926	2.308	1.068	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:52
Operator : YP\AJ
Sample : Q1382-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:27:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.906f	7.812	497992	805200	3.164	6.063 #
44) L9	AR-1268-4	0.000	8.321	0	85208	N.D.	1.636 #
45) L9	AR-1268-5	0.000	8.623	0	118564	N.D.	0.333 #

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

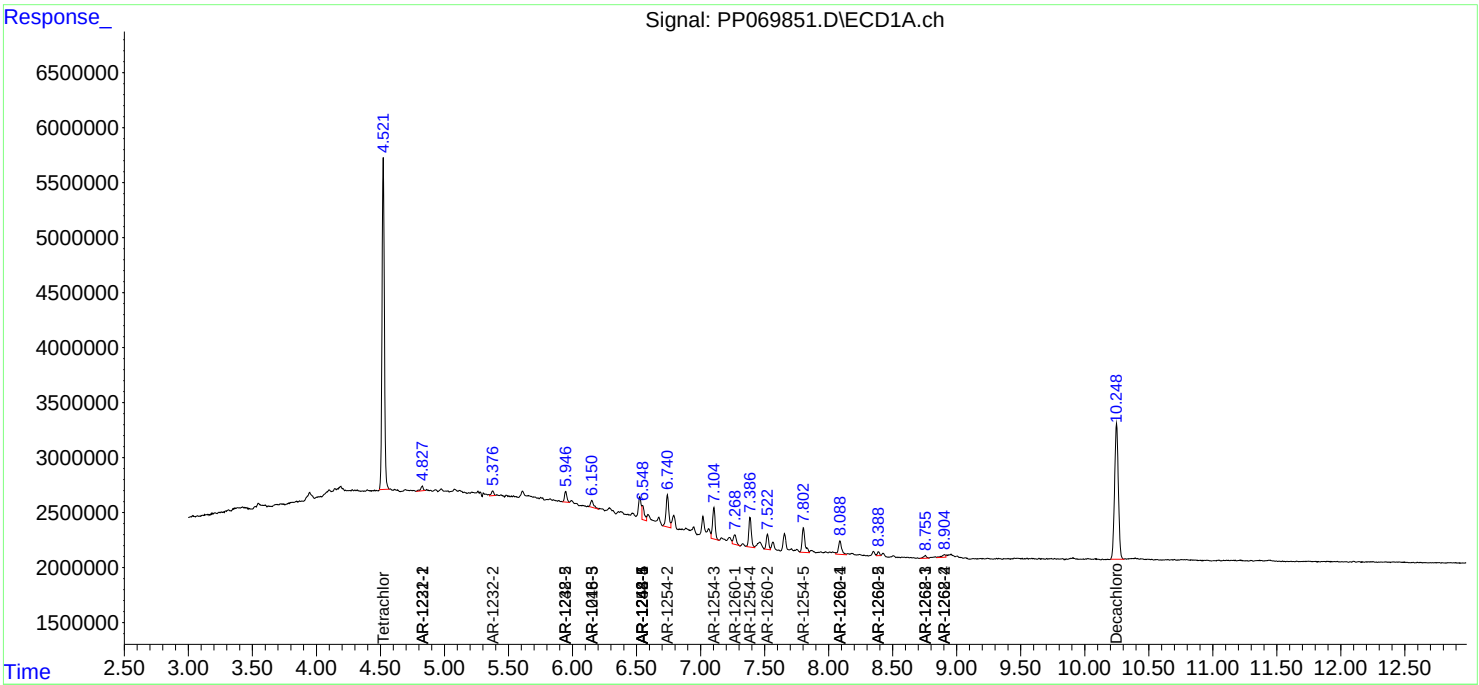
Quantitation Report (Not Reviewed)

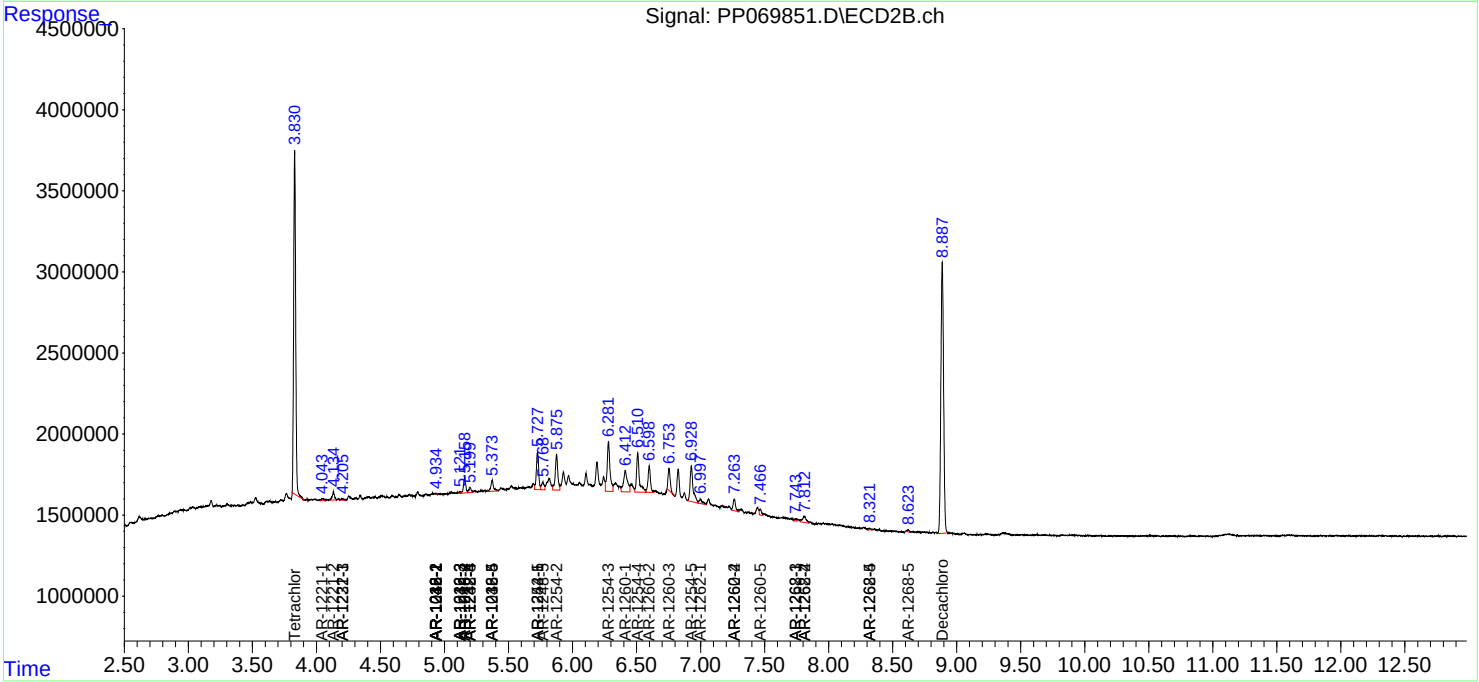
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069851.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 17:52
Operator : YP\AJ
Sample : Q1382-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

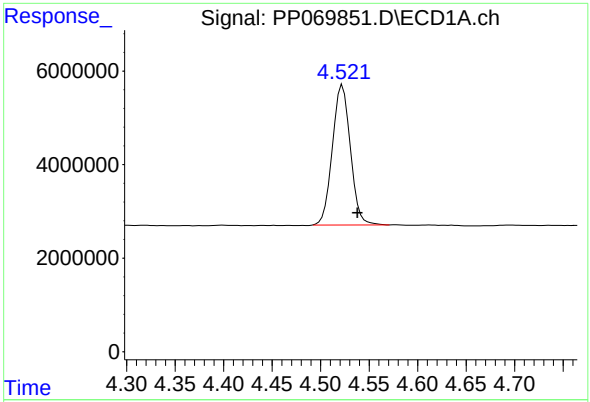
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:27:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



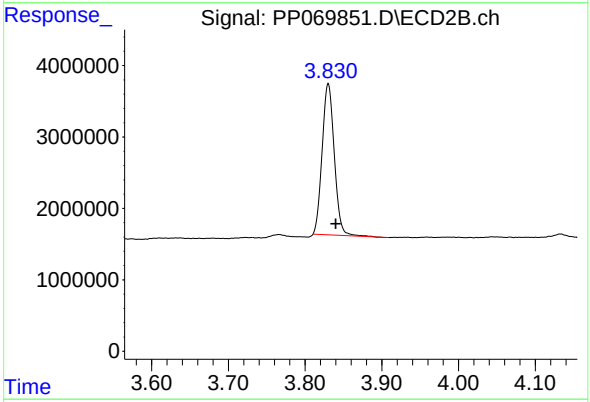




#1 Tetrachloro-m-xylene

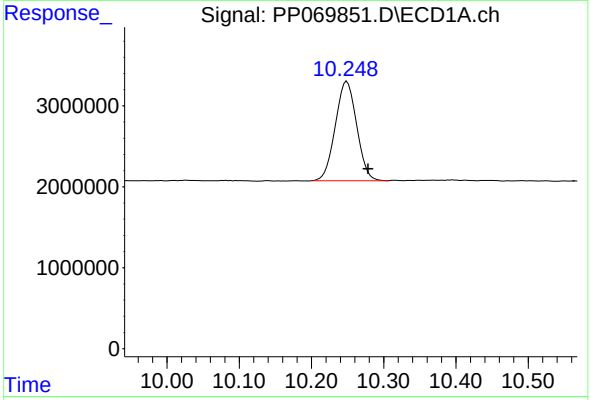
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 38716836
Conc: 27.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



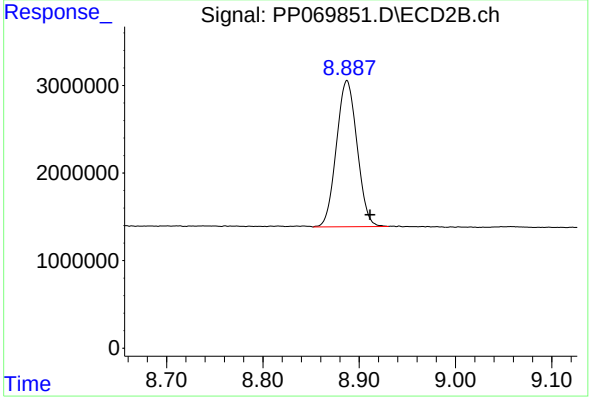
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23295540
Conc: 26.10 ng/ml



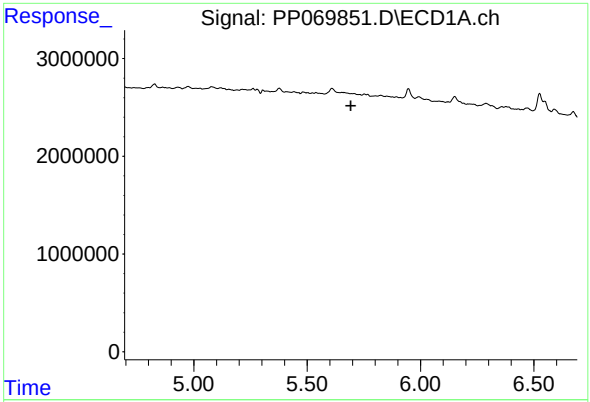
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.029 min
Response: 25206140
Conc: 23.06 ng/ml



#2 Decachlorobiphenyl

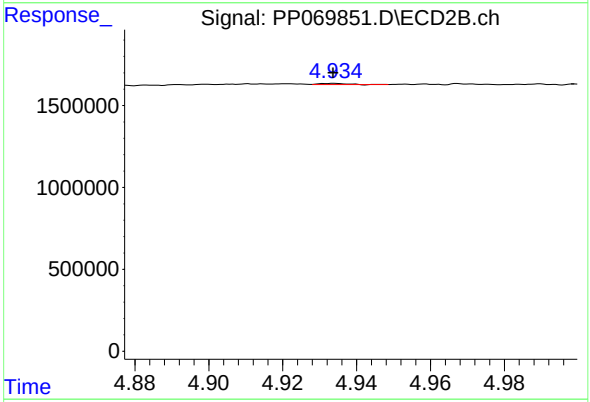
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 24759513
Conc: 22.14 ng/ml



#3 AR-1016-1

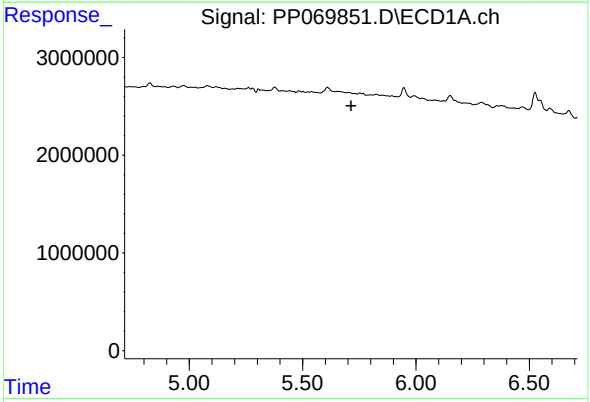
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



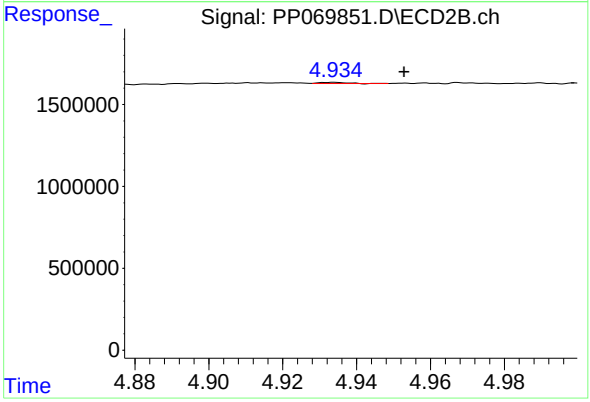
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 36516
Conc: 1.12 ng/ml



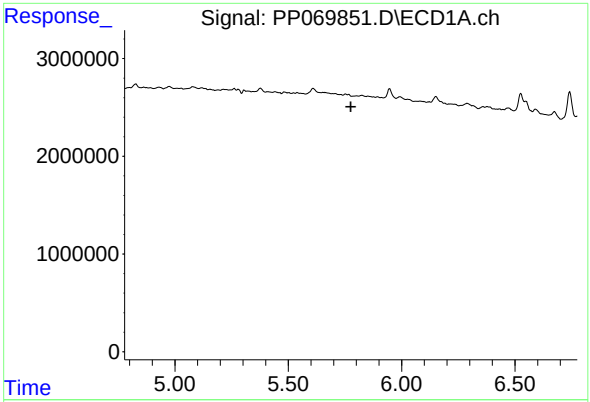
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

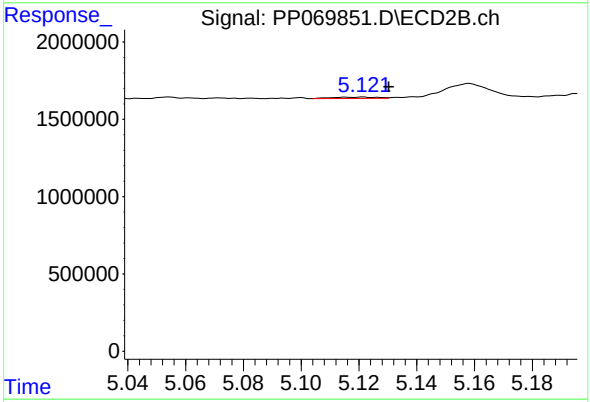
R.T.: 4.934 min
Delta R.T.: -0.019 min
Response: 36516
Conc: 0.81 ng/ml



#5 AR-1016-3

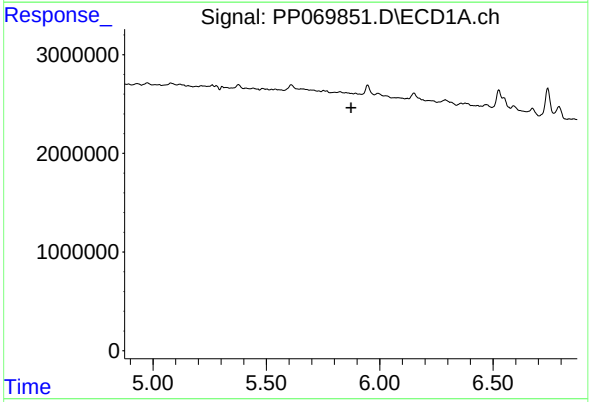
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



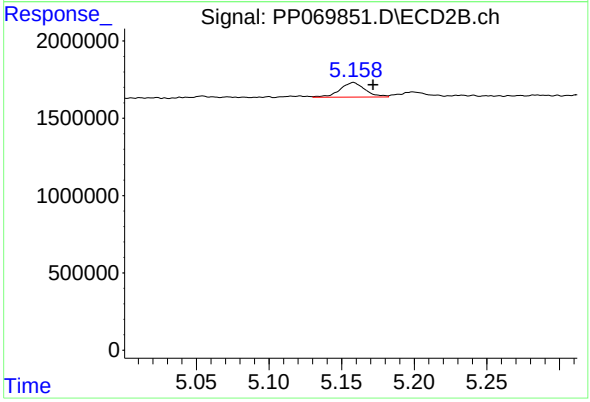
#5 AR-1016-3

R.T.: 5.121 min
Delta R.T.: -0.009 min
Response: 96403
Conc: 3.87 ng/ml



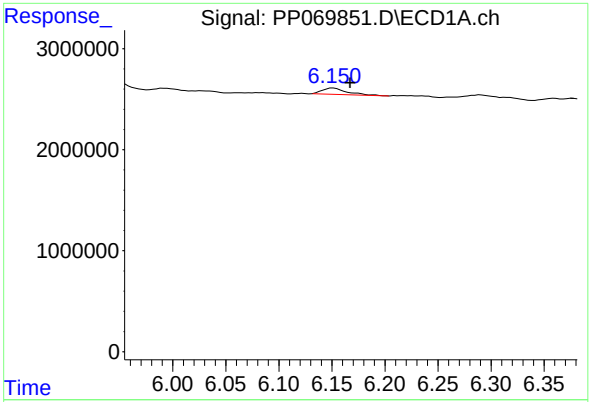
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

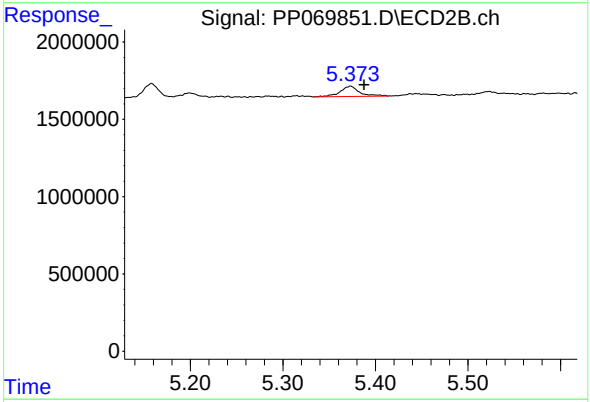
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 1147830
Conc: 56.83 ng/ml



#7 AR-1016-5

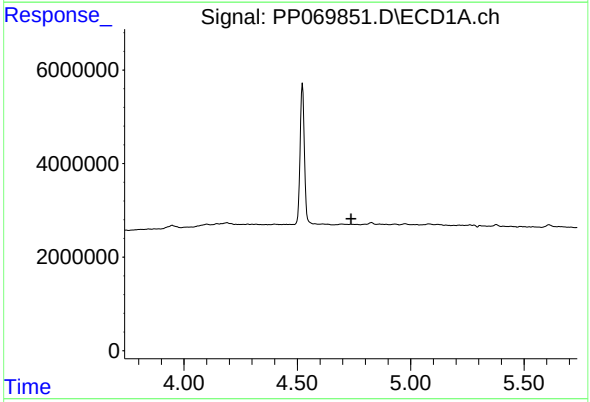
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 1037185
Conc: 31.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



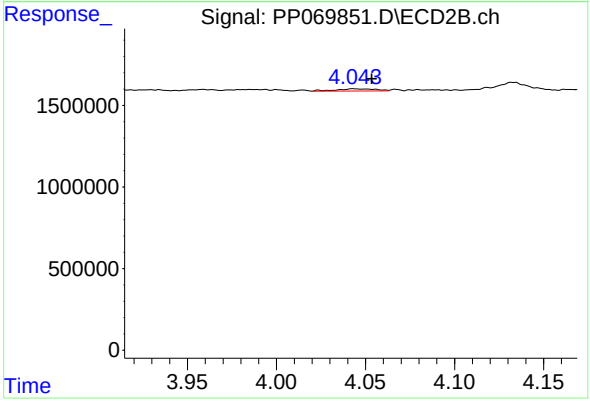
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 976749
Conc: 36.41 ng/ml



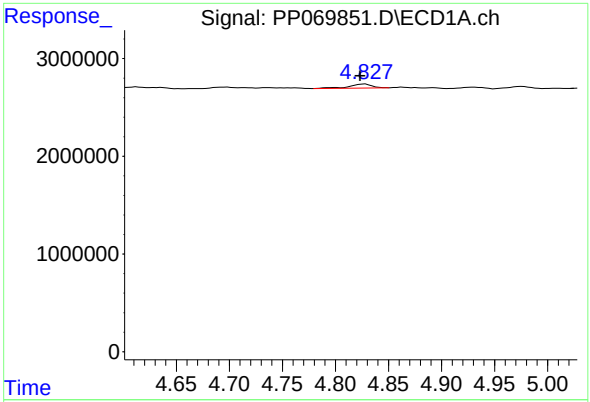
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

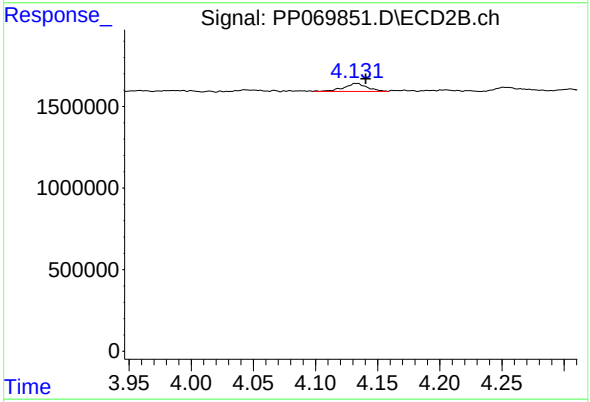
R.T.: 4.043 min
Delta R.T.: -0.010 min
Response: 196186
Conc: 15.93 ng/ml



#9 AR-1221-2

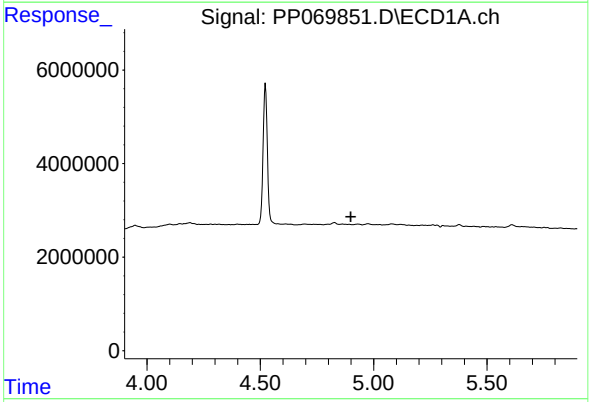
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 617285
Conc: 45.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



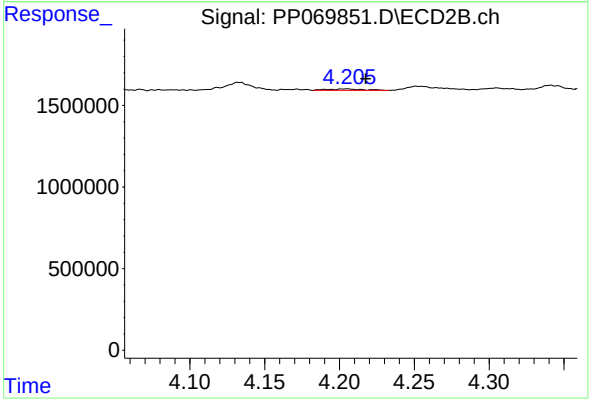
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 641339
Conc: 66.23 ng/ml



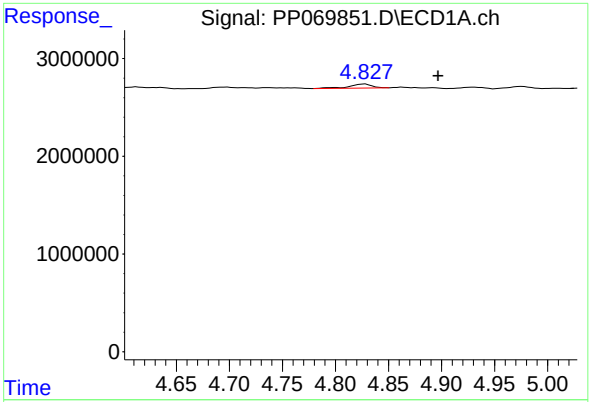
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

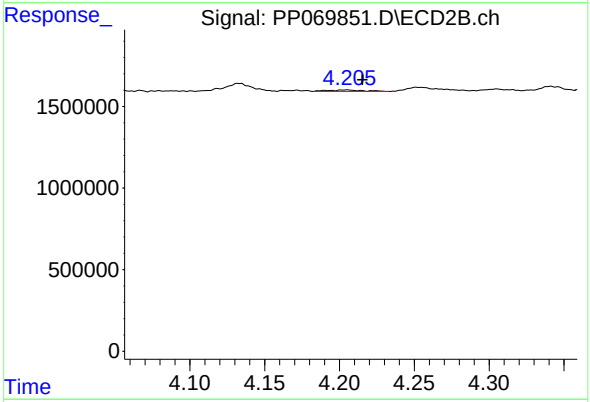
R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 154024
Conc: 5.28 ng/ml



#11 AR-1232-1

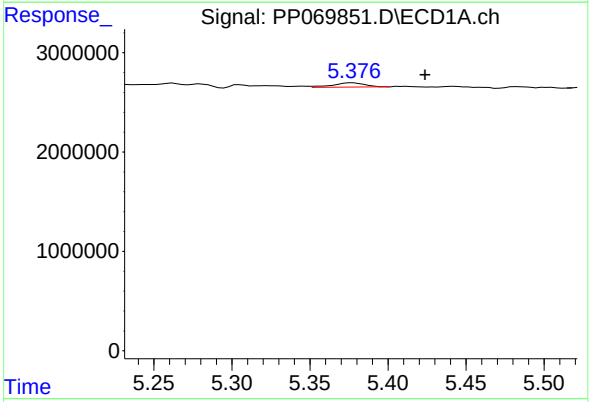
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 617285
Conc: 18.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



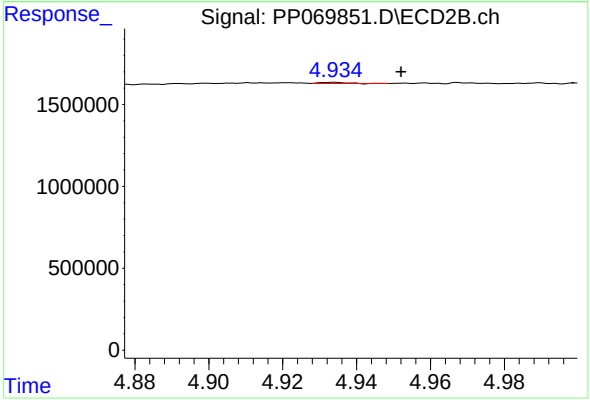
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 154024
Conc: 6.56 ng/ml



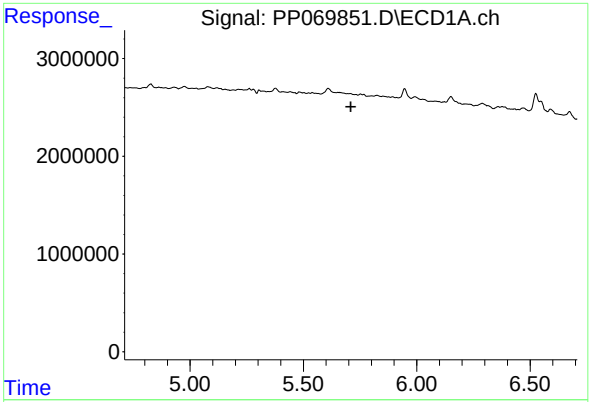
#12 AR-1232-2

R.T.: 5.377 min
Delta R.T.: -0.046 min
Response: 602027
Conc: 36.84 ng/ml



#12 AR-1232-2

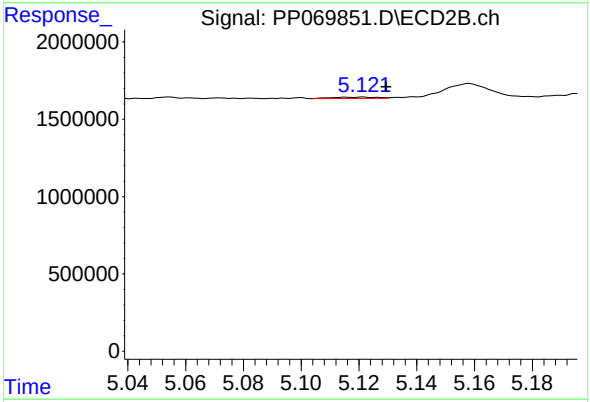
R.T.: 4.934 min
Delta R.T.: -0.018 min
Response: 36516
Conc: 1.55 ng/ml



#13 AR-1232-3

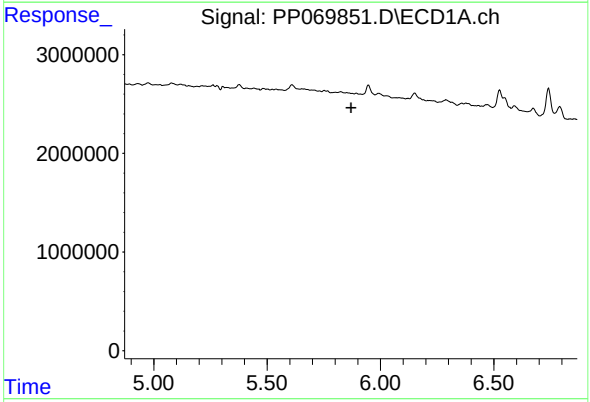
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



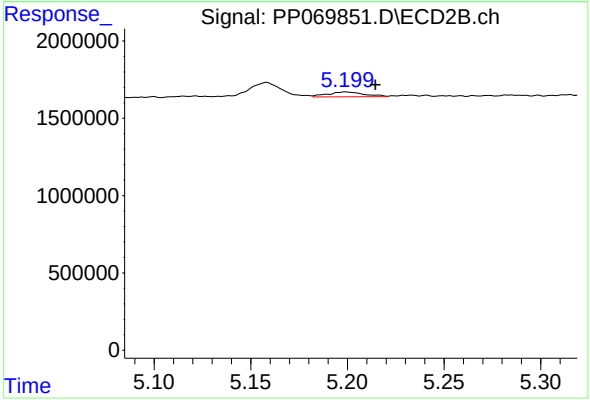
#13 AR-1232-3

R.T.: 5.121 min
Delta R.T.: -0.008 min
Response: 96403
Conc: 7.45 ng/ml



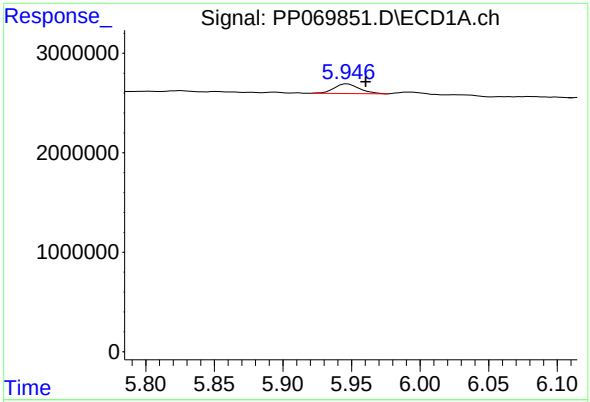
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

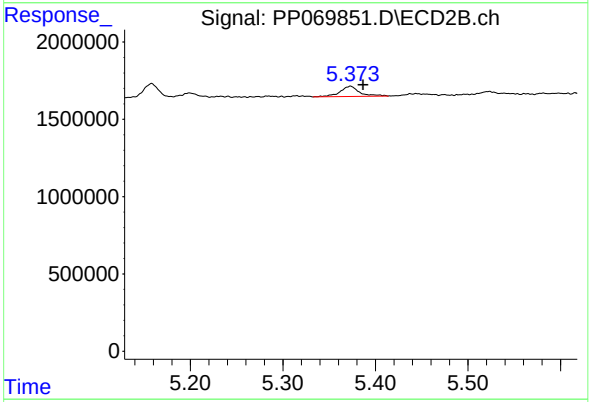
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 421096
Conc: 37.98 ng/ml



#15 AR-1232-5

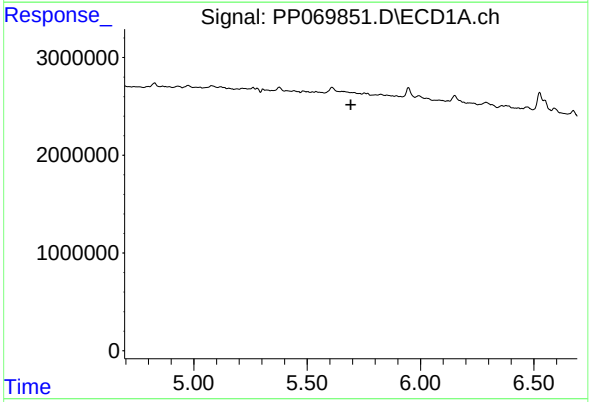
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 1235241
Conc: 107.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



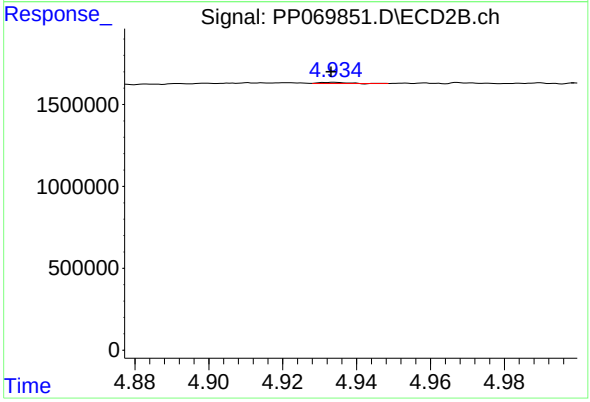
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 976749
Conc: 79.99 ng/ml



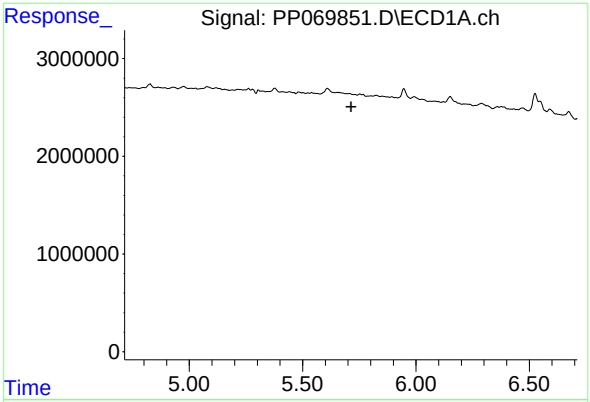
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

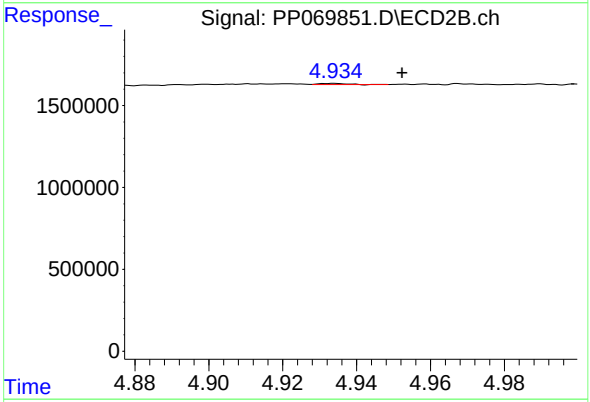
R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 36516
Conc: 1.27 ng/ml



#17 AR-1242-2

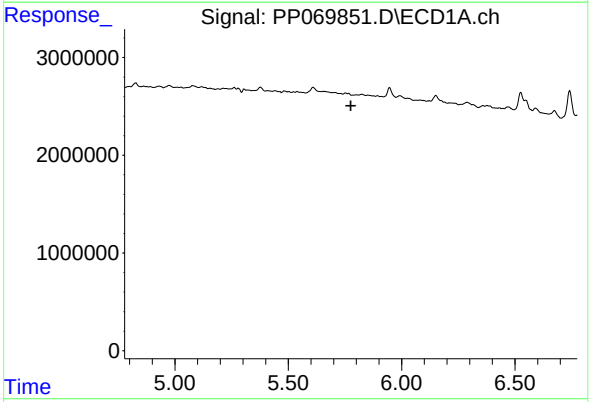
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



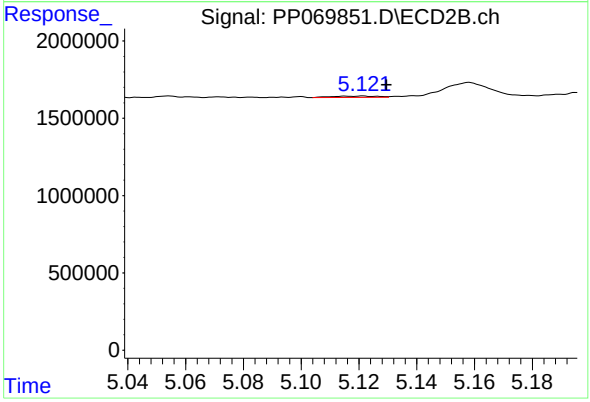
#17 AR-1242-2

R.T.: 4.934 min
Delta R.T.: -0.019 min
Response: 36516
Conc: 0.93 ng/ml



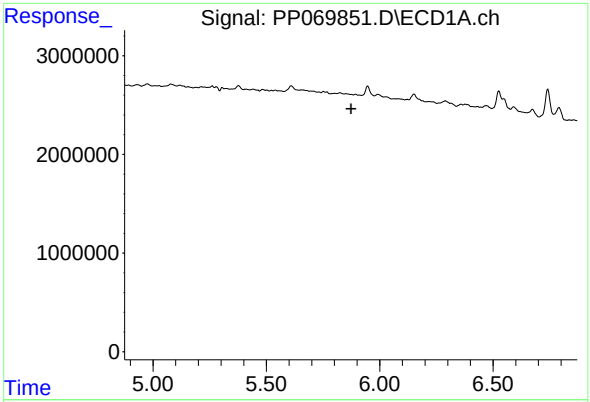
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

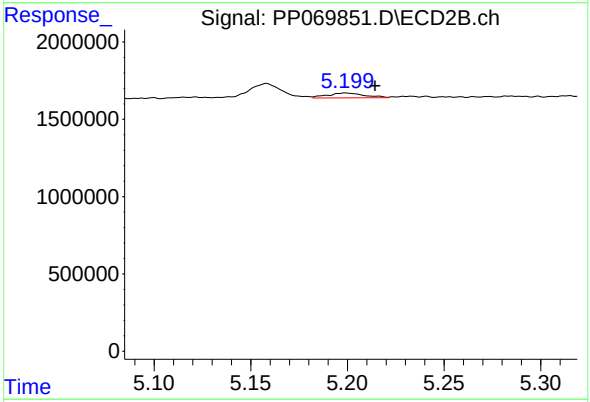
R.T.: 5.121 min
Delta R.T.: -0.008 min
Response: 96403
Conc: 4.28 ng/ml



#19 AR-1242-4

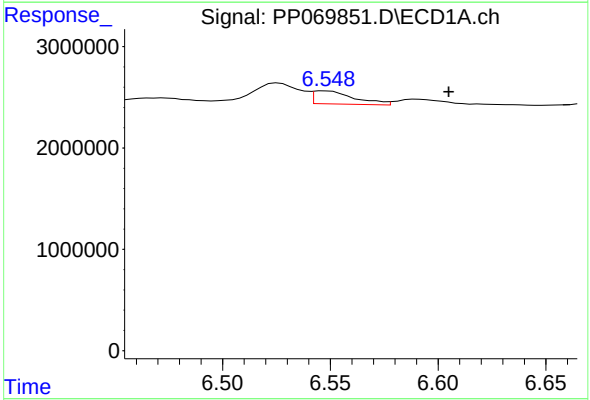
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



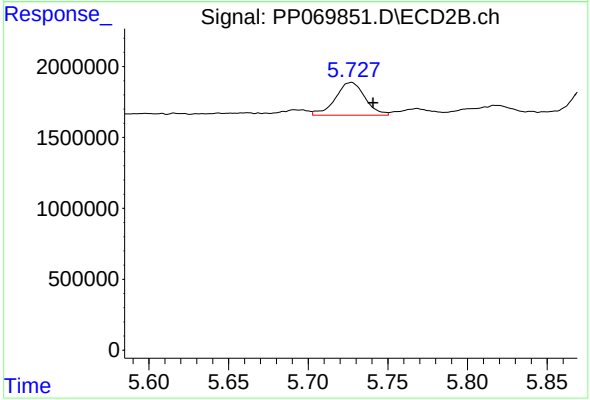
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 421096
Conc: 19.51 ng/ml



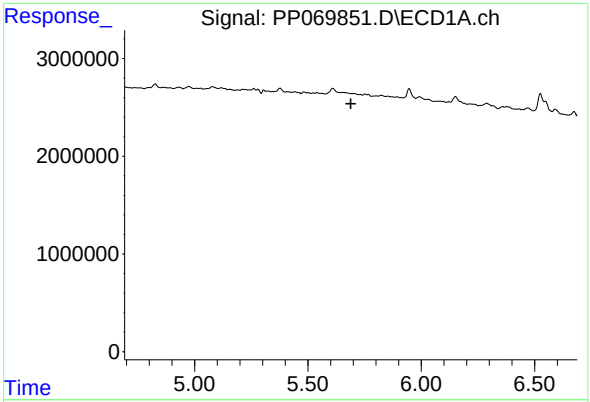
#20 AR-1242-5

R.T.: 6.547 min
Delta R.T.: -0.058 min
Response: 1706341
Conc: 52.37 ng/ml



#20 AR-1242-5

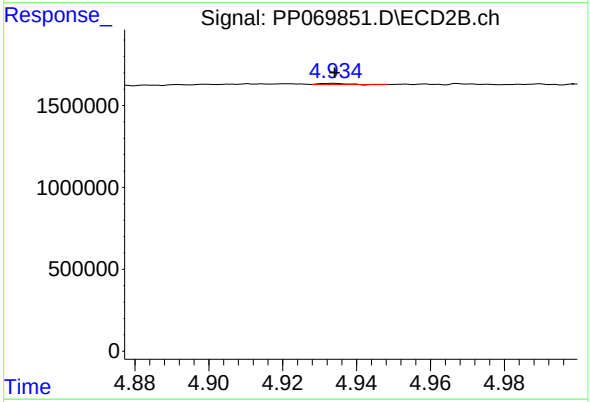
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 2987396
Conc: 103.84 ng/ml



#21 AR-1248-1

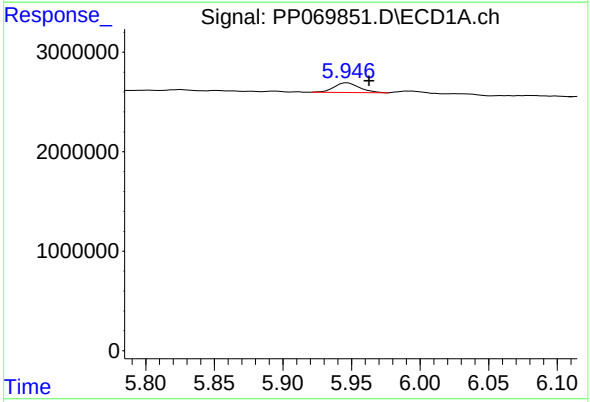
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



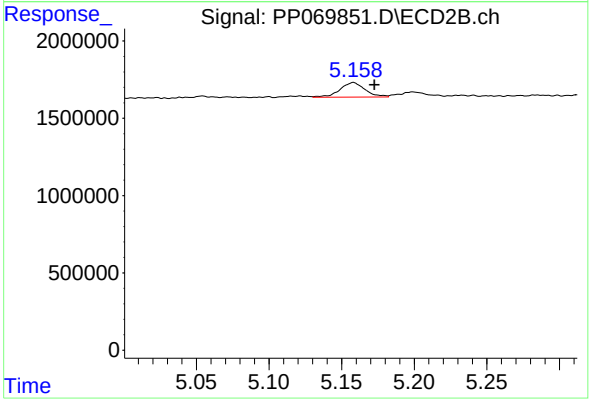
#21 AR-1248-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 36516
Conc: 1.66 ng/ml



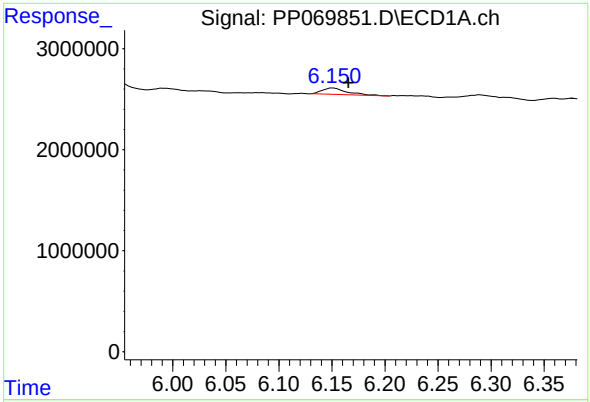
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 1235241
Conc: 29.10 ng/ml



#22 AR-1248-2

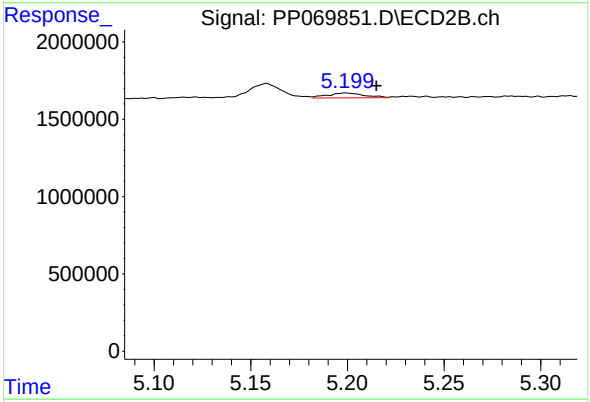
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 1147830
Conc: 38.18 ng/ml



#23 AR-1248-3

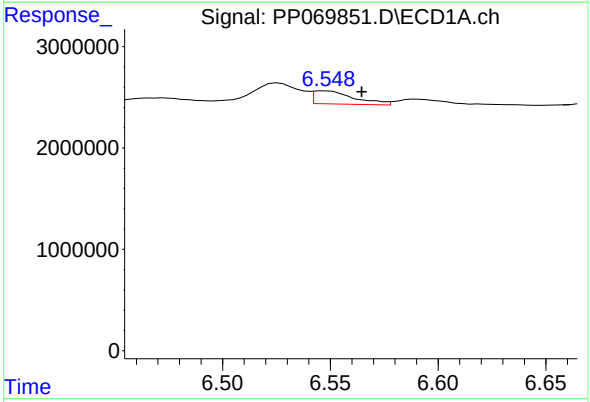
R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 1037185
Conc: 22.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



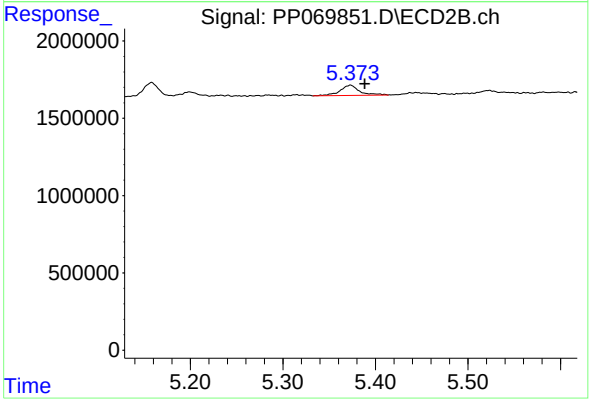
#23 AR-1248-3

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 421096
Conc: 13.59 ng/ml



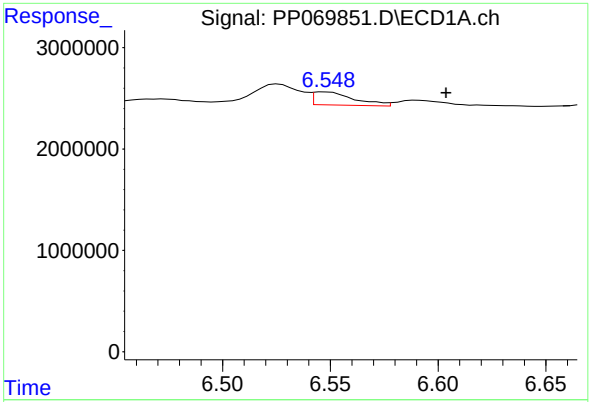
#24 AR-1248-4

R.T.: 6.547 min
Delta R.T.: -0.017 min
Response: 1706341
Conc: 30.96 ng/ml



#24 AR-1248-4

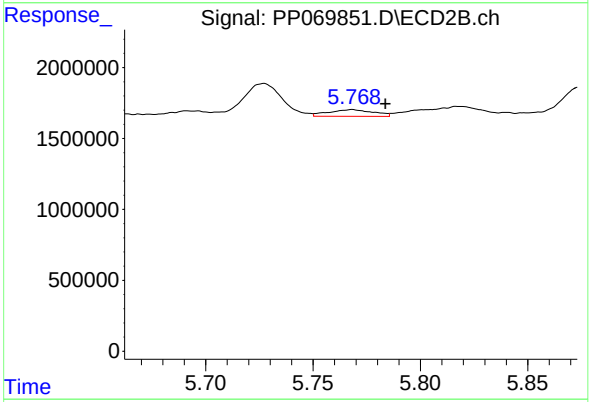
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 976749
Conc: 26.44 ng/ml



#25 AR-1248-5

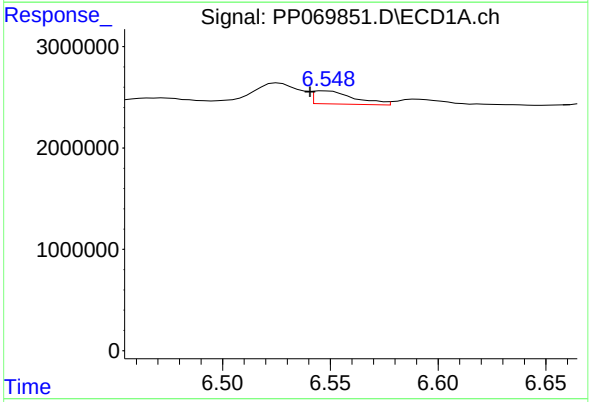
R.T.: 6.547 min
Delta R.T.: -0.056 min
Response: 1706341
Conc: 31.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



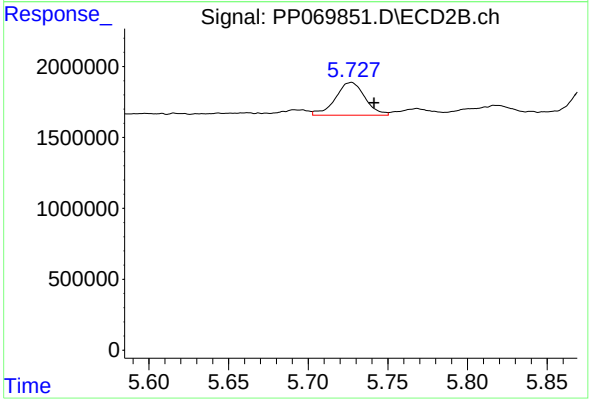
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.015 min
Response: 688393
Conc: 18.41 ng/ml



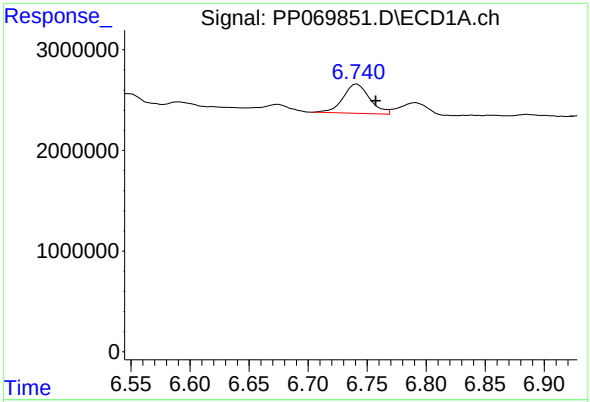
#26 AR-1254-1

R.T.: 6.547 min
Delta R.T.: 0.007 min
Response: 1706341
Conc: 29.49 ng/ml



#26 AR-1254-1

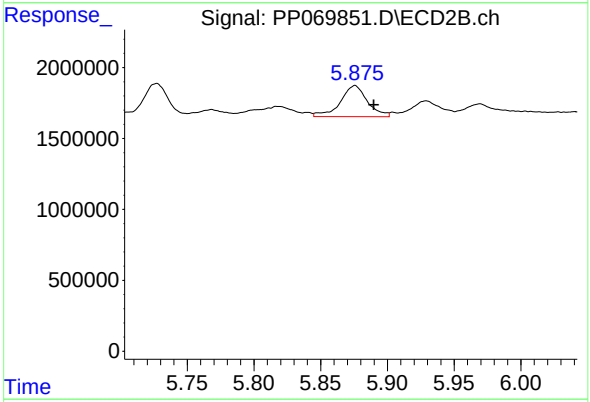
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 2987396
Conc: 54.26 ng/ml



#27 AR-1254-2

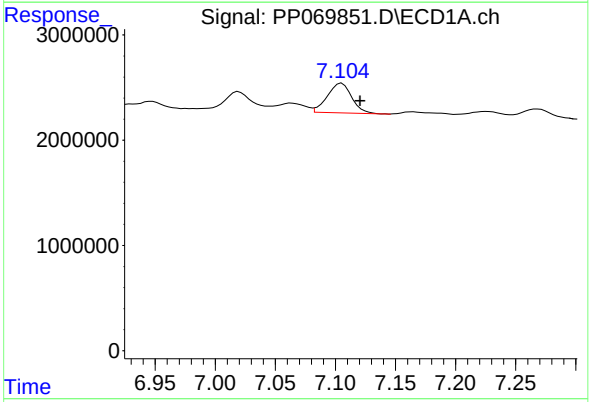
R.T.: 6.742 min
Delta R.T.: -0.016 min
Response: 4539867
Conc: 56.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



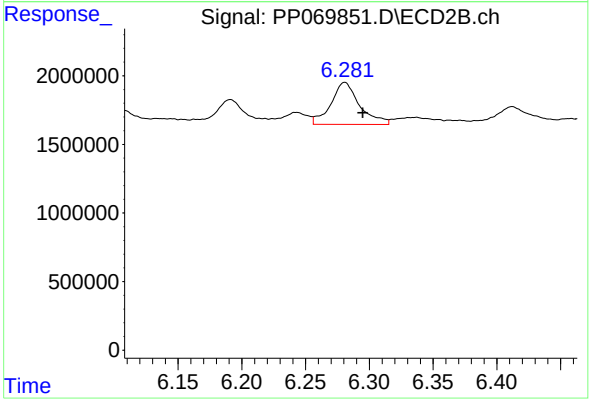
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 3084505
Conc: 63.77 ng/ml



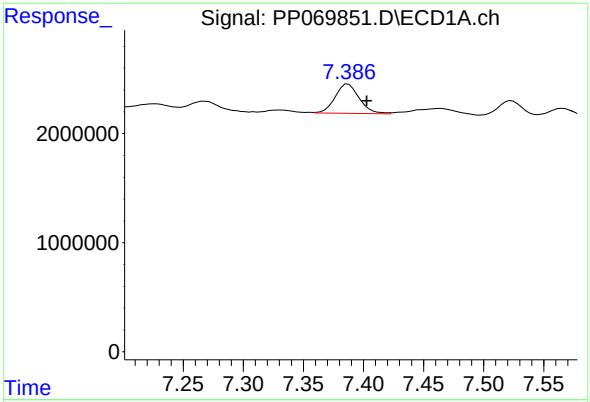
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 4008358
Conc: 47.56 ng/ml



#28 AR-1254-3

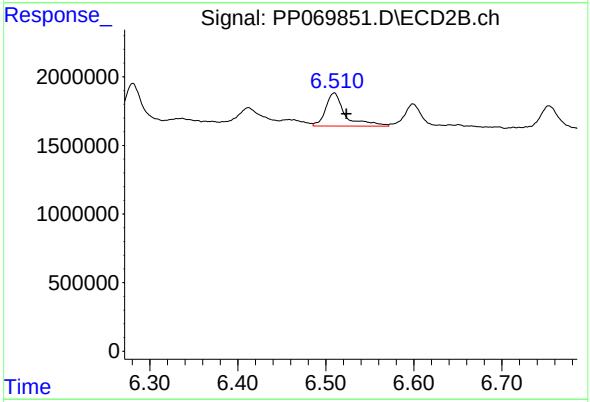
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 4789474
Conc: 63.11 ng/ml



#29 AR-1254-4

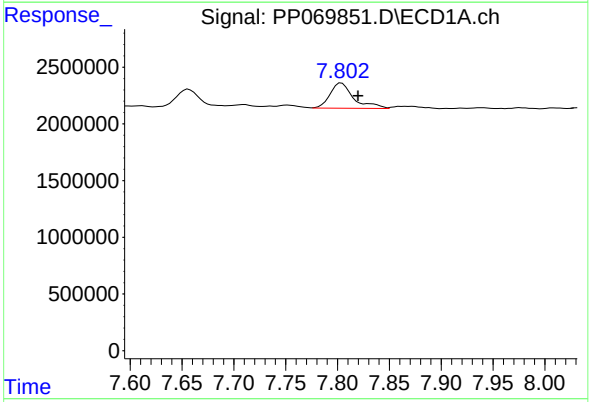
R.T.: 7.387 min
Delta R.T.: -0.015 min
Response: 3752023
Conc: 55.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



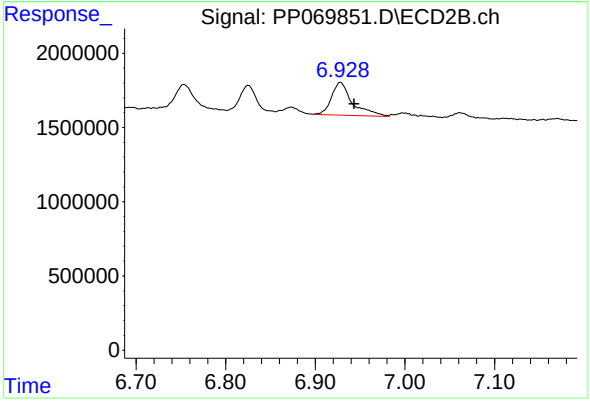
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 3717242
Conc: 72.53 ng/ml



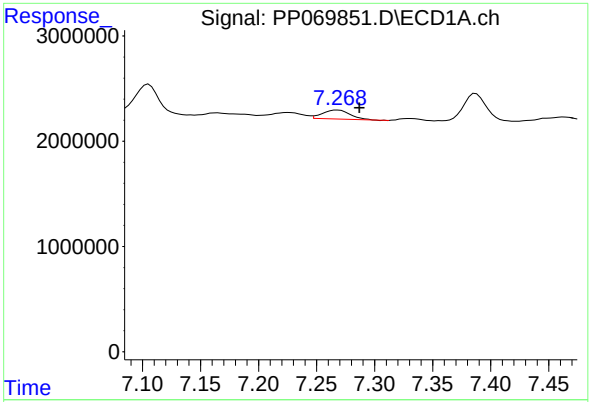
#30 AR-1254-5

R.T.: 7.804 min
Delta R.T.: -0.016 min
Response: 3536078
Conc: 51.97 ng/ml



#30 AR-1254-5

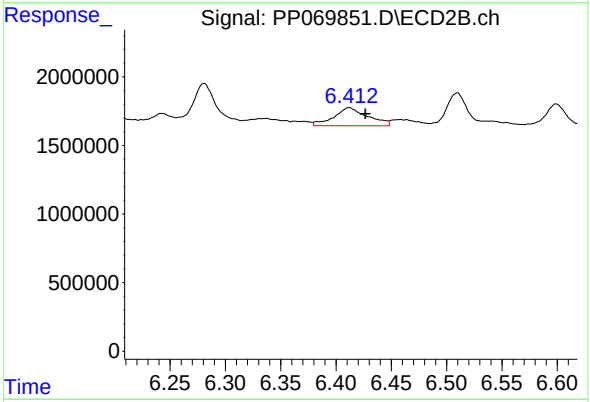
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 3543535
Conc: 53.24 ng/ml



#31 AR-1260-1

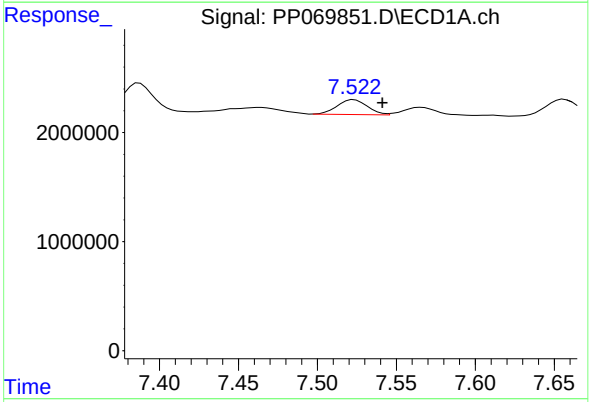
R.T.: 7.268 min
Delta R.T.: -0.019 min
Response: 1431577
Conc: 24.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



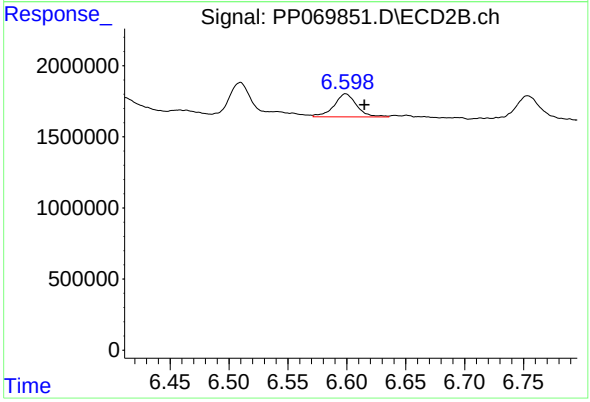
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 2795805
Conc: 57.97 ng/ml



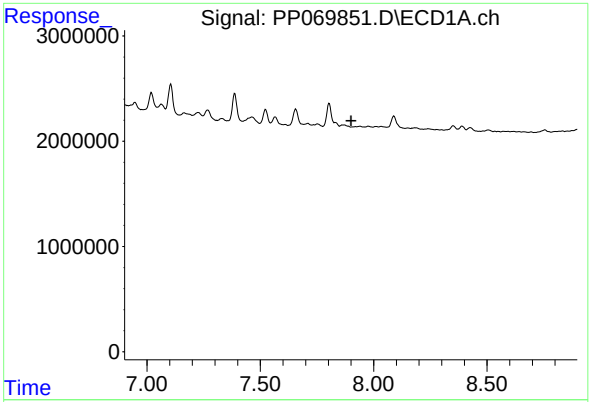
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.018 min
Response: 1809664
Conc: 23.26 ng/ml



#32 AR-1260-2

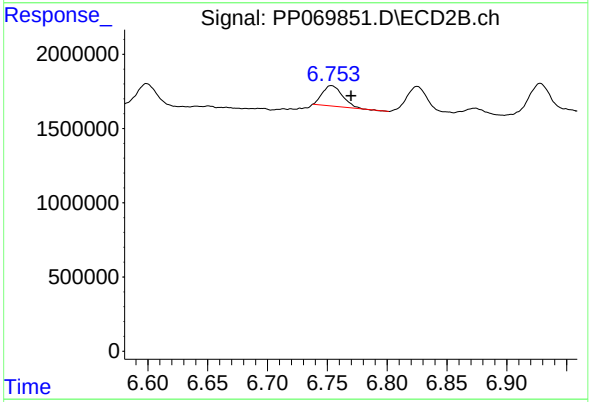
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 2186526
Conc: 35.67 ng/ml



#33 AR-1260-3

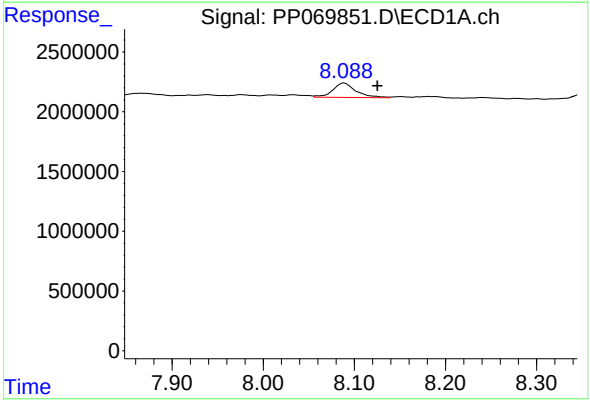
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



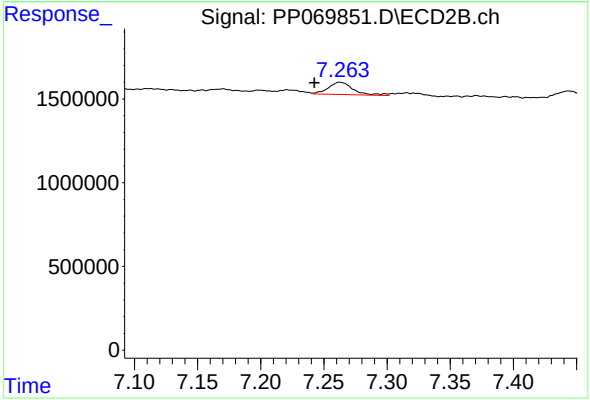
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.016 min
Response: 1606112
Conc: 26.70 ng/ml



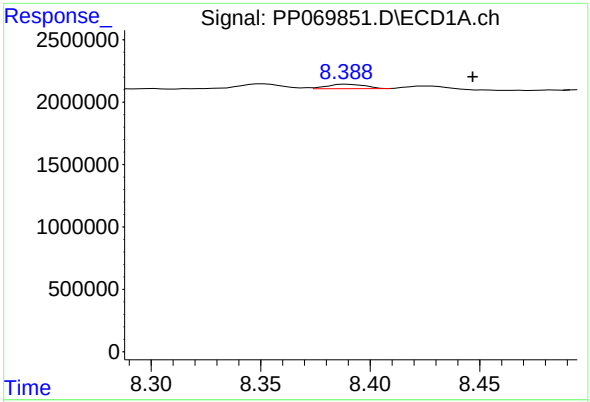
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.036 min
Response: 2166835
Conc: 32.84 ng/ml



#34 AR-1260-4

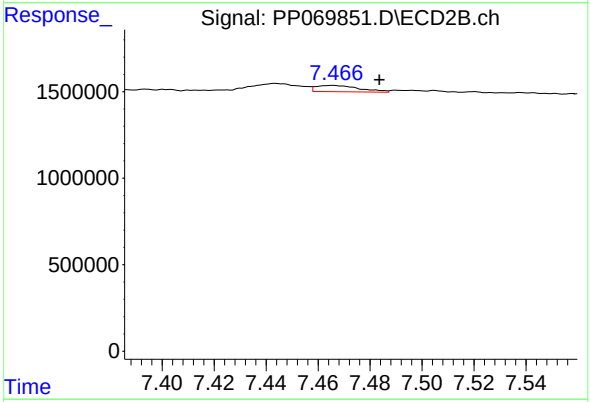
R.T.: 7.263 min
Delta R.T.: 0.020 min
Response: 996745
Conc: 21.45 ng/ml



#35 AR-1260-5

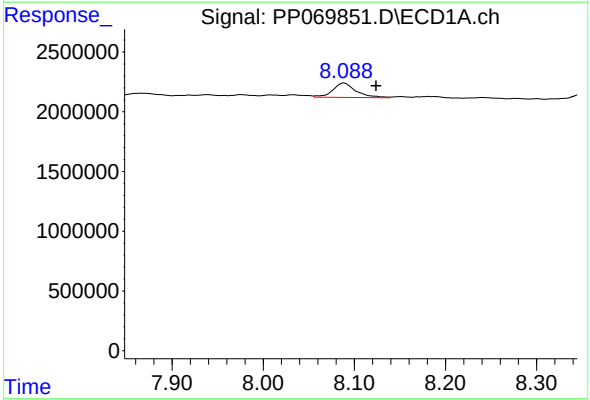
R.T.: 8.390 min
Delta R.T.: -0.057 min
Response: 424990
Conc: 3.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



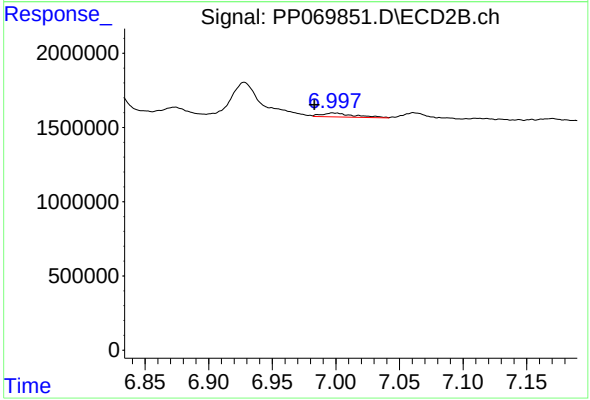
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 420310
Conc: 3.78 ng/ml



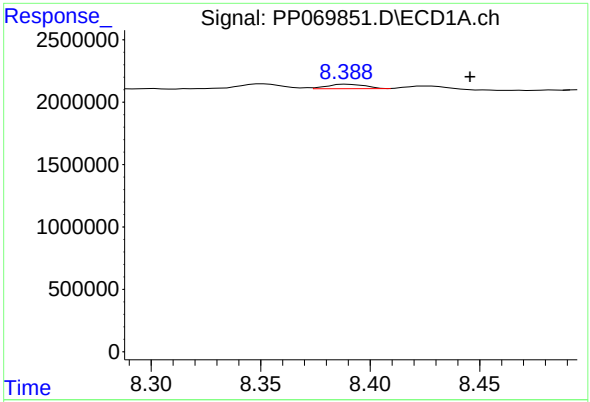
#36 AR-1262-1

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 2166835
Conc: 27.42 ng/ml



#36 AR-1262-1

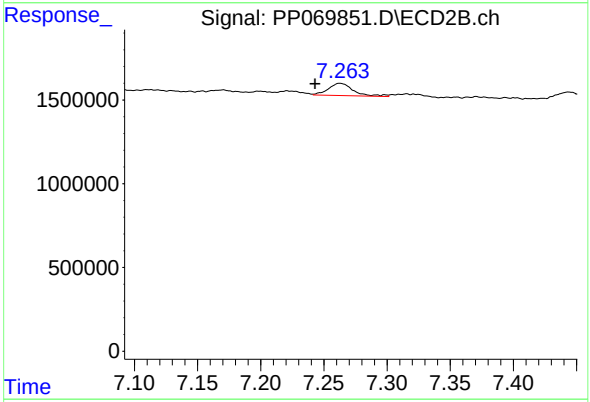
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 464826
Conc: 6.55 ng/ml



#37 AR-1262-2

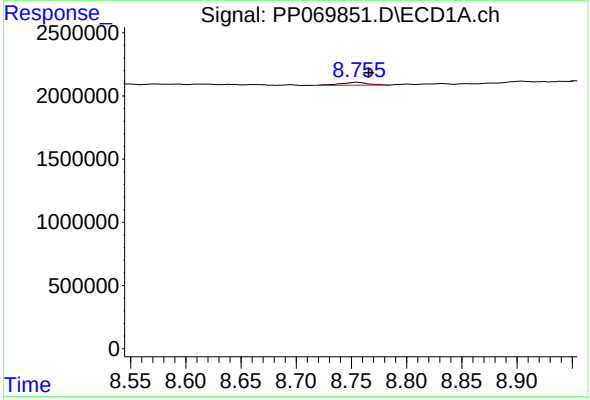
R.T.: 8.390 min
Delta R.T.: -0.056 min
Response: 424990
Conc: 2.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



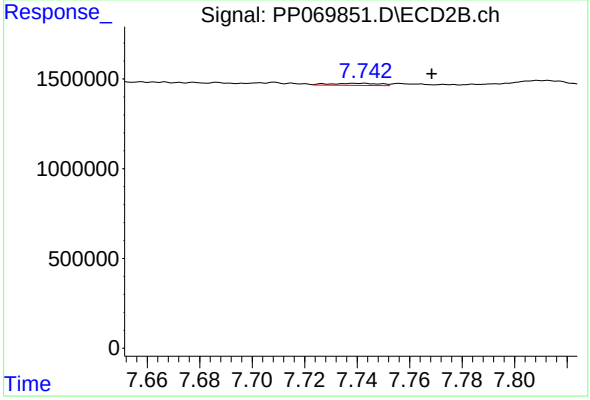
#37 AR-1262-2

R.T.: 7.263 min
Delta R.T.: 0.020 min
Response: 996745
Conc: 16.35 ng/ml



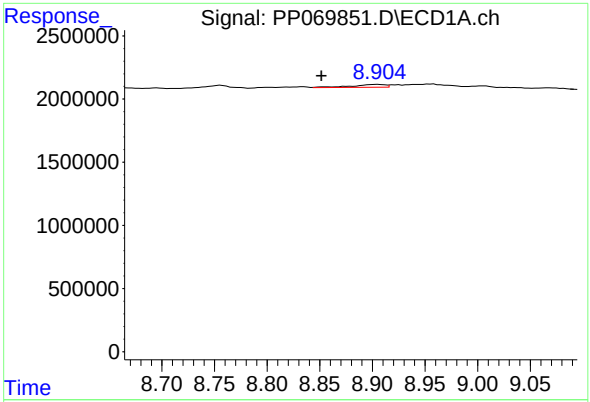
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: -0.009 min
Response: 407604
Conc: 3.84 ng/ml



#38 AR-1262-3

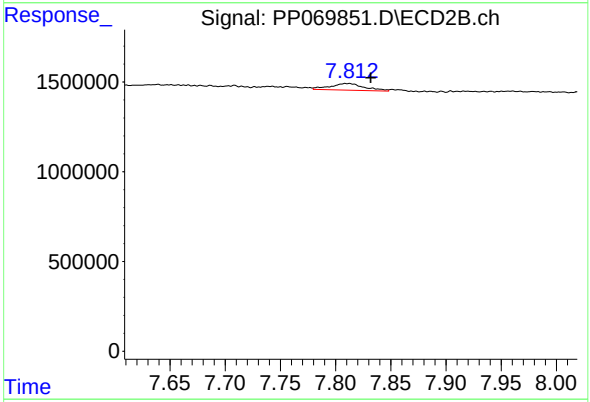
R.T.: 7.742 min
Delta R.T.: -0.026 min
Response: 154926
Conc: 2.96 ng/ml



#39 AR-1262-4

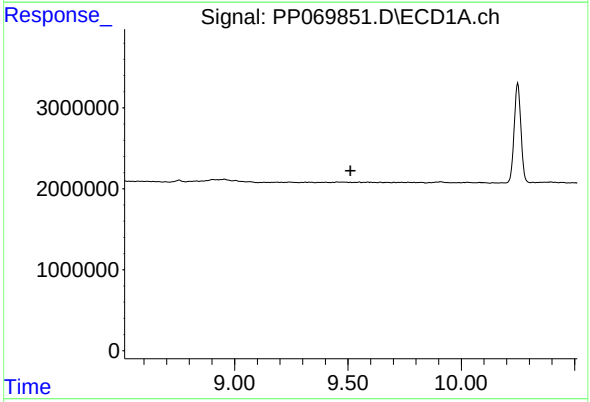
R.T.: 8.906 min
Delta R.T.: 0.054 min
Response: 497992
Conc: 6.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



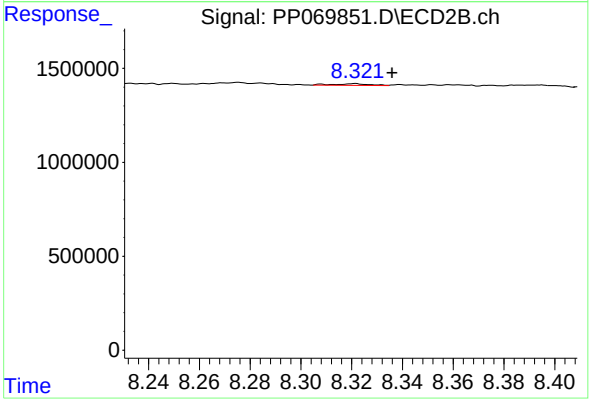
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 805200
Conc: 8.71 ng/ml



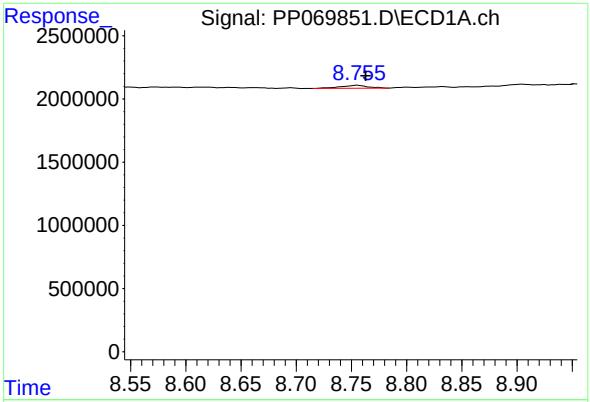
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

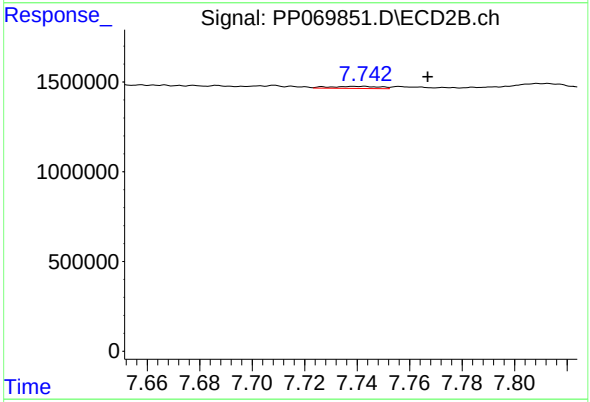
R.T.: 8.321 min
Delta R.T.: -0.015 min
Response: 85208
Conc: 1.78 ng/ml



#41 AR-1268-1

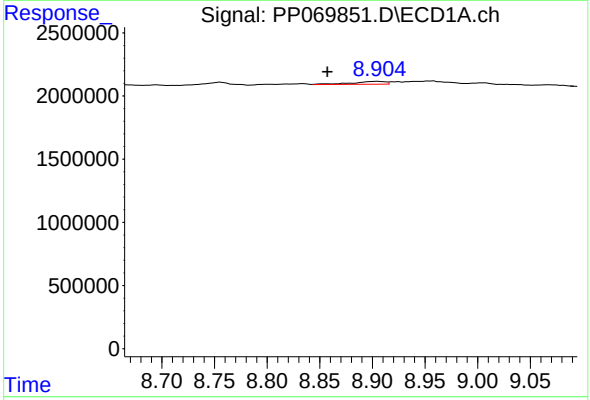
R.T.: 8.756 min
Delta R.T.: -0.007 min
Response: 407604
Conc: 2.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



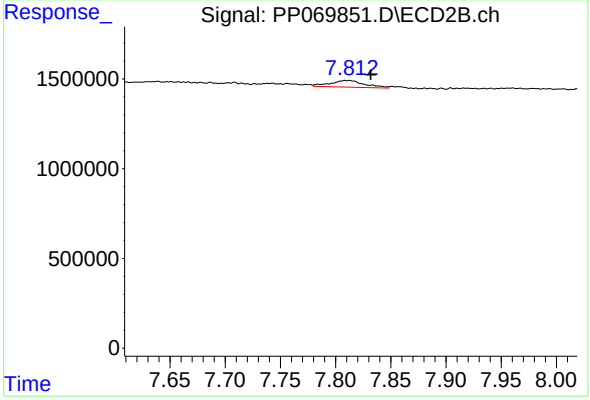
#41 AR-1268-1

R.T.: 7.742 min
Delta R.T.: -0.025 min
Response: 154926
Conc: 1.07 ng/ml



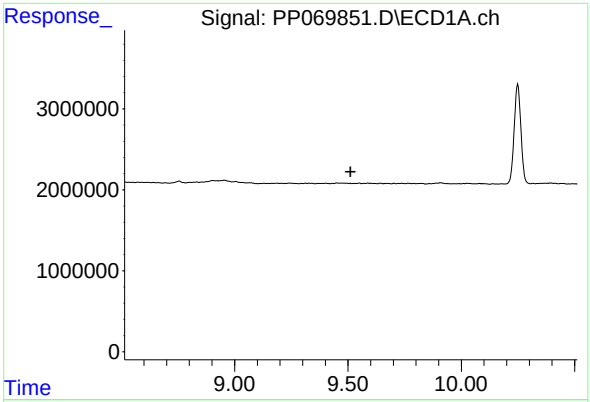
#42 AR-1268-2

R.T.: 8.906 min
Delta R.T.: 0.048 min
Response: 497992
Conc: 3.16 ng/ml



#42 AR-1268-2

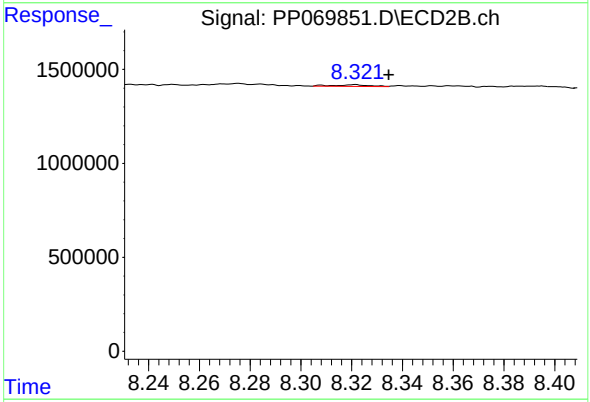
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 805200
Conc: 6.06 ng/ml



#44 AR-1268-4

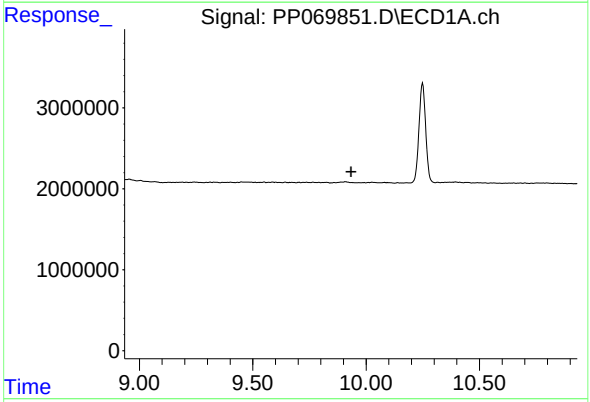
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725



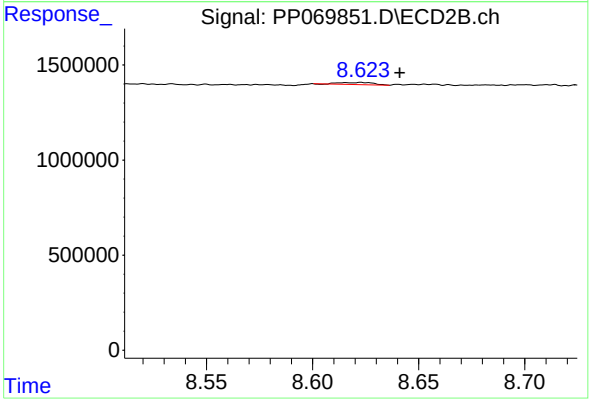
#44 AR-1268-4

R.T.: 8.321 min
Delta R.T.: -0.013 min
Response: 85208
Conc: 1.64 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.623 min
Delta R.T.: -0.018 min
Response: 118564
Conc: 0.33 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:08
Operator : YP\AJ
Sample : Q1382-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.829	38285841	21416403	26.746	23.995	
2)	SA Decachlor...	10.253	8.887	25515164	25982285	23.346	23.230	
	Target Compounds							
3)	L1 AR-1016-1	5.662	4.944	2589827	171719	55.896	5.265	#
4)	L1 AR-1016-2	5.662f	4.960	2589827	61251	38.155	1.362	#
5)	L1 AR-1016-3	0.000	5.118	0	174174	N.D.	6.999	#
6)	L1 AR-1016-4	0.000	5.157	0	2801164	N.D.	138.697	#
7)	L1 AR-1016-5	6.155	5.402	2017306	265955	61.022	9.915	#
8)	L2 AR-1221-1	0.000	4.046	0	345041	N.D.	28.011	#
9)	L2 AR-1221-2	4.832	4.133	1049260	781613	76.630	80.717	
10)	L2 AR-1221-3	4.881	4.198	1282855	192334	30.585	6.593	#
11)	L3 AR-1232-1	4.881	4.198	1282855	192334	38.532	8.192	#
12)	L3 AR-1232-2	5.385f	4.944	490262	171719	30.000	7.285	#
13)	L3 AR-1232-3	5.662f	5.118	2589827	174174	75.376	13.453	#
14)	L3 AR-1232-4	0.000	5.198	0	975150	N.D.	87.960	#
15)	L3 AR-1232-5	5.952	5.372	3336374	1990236	291.071	162.996	#
16)	L4 AR-1242-1	5.662	4.944	2589827	171719	62.098	5.956	#
17)	L4 AR-1242-2	5.662f	4.960	2589827	61251	43.902	1.555	#
18)	L4 AR-1242-3	0.000	5.118	0	174174	N.D.	7.740	#
19)	L4 AR-1242-4	0.000	5.198	0	975150	N.D.	45.183	#
20)	L4 AR-1242-5	6.595	5.727	3374069	6683487	103.549	232.321	#
21)	L5 AR-1248-1	5.662	4.944	2589827	171719	79.837	7.802	#
22)	L5 AR-1248-2	5.952	5.157	3336374	2801164	78.602	93.172	
23)	L5 AR-1248-3	6.155	5.198	2017306	975150	42.933	31.472	#
24)	L5 AR-1248-4	6.552	5.402	4038492	265955	73.266	7.199	#
25)	L5 AR-1248-5	6.595	5.768	3374069	1410161	63.204	37.716	#
26)	L6 AR-1254-1	6.531	5.727	7405247	6683487	127.977	121.395	
27)	L6 AR-1254-2	6.747	5.875	9705393	6775361	120.952	140.077	
28)	L6 AR-1254-3	7.109	6.280	9830034	9232315	116.624	121.644	
29)	L6 AR-1254-4	7.392	6.538	8381645	1199922	122.920	23.413	#
30)	L6 AR-1254-5	7.809	6.928	7460332	6842361	109.636	102.799	
31)	L7 AR-1260-1	7.274	6.410	3316998	5299845	56.763	109.888	#
32)	L7 AR-1260-2	7.528	6.598	3924561	5011317	50.436	81.746	#
33)	L7 AR-1260-3	0.000	6.752	0	2412866	N.D.	40.110	#
34)	L7 AR-1260-4	8.094	7.225	3593744	401822	54.470	8.647	#
35)	L7 AR-1260-5	8.430	7.493	964247	554535	7.365	4.989	#
36)	L8 AR-1262-1	8.094	6.998	3593744	662006	45.480	9.322	#
37)	L8 AR-1262-2	8.430	7.225	964247	401822	6.305	6.589	
38)	L8 AR-1262-3	8.759	7.747	691167	163464	6.503	3.126	#
39)	L8 AR-1262-4	0.000	7.851	0	321023	N.D.	3.473	#
40)	L8 AR-1262-5	0.000	8.316	0	87431	N.D.	1.829	#
41)	L9 AR-1268-1	8.759	7.747	691167	163464	3.914	1.126	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:08
Operator : YP\AJ
Sample : Q1382-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.851	0	321023	N.D.	2.417 #
44) L9	AR-1268-4	0.000	8.316	0	87431	N.D.	1.679 #
45) L9	AR-1268-5	0.000	8.617	0	210879	N.D.	0.592 #

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

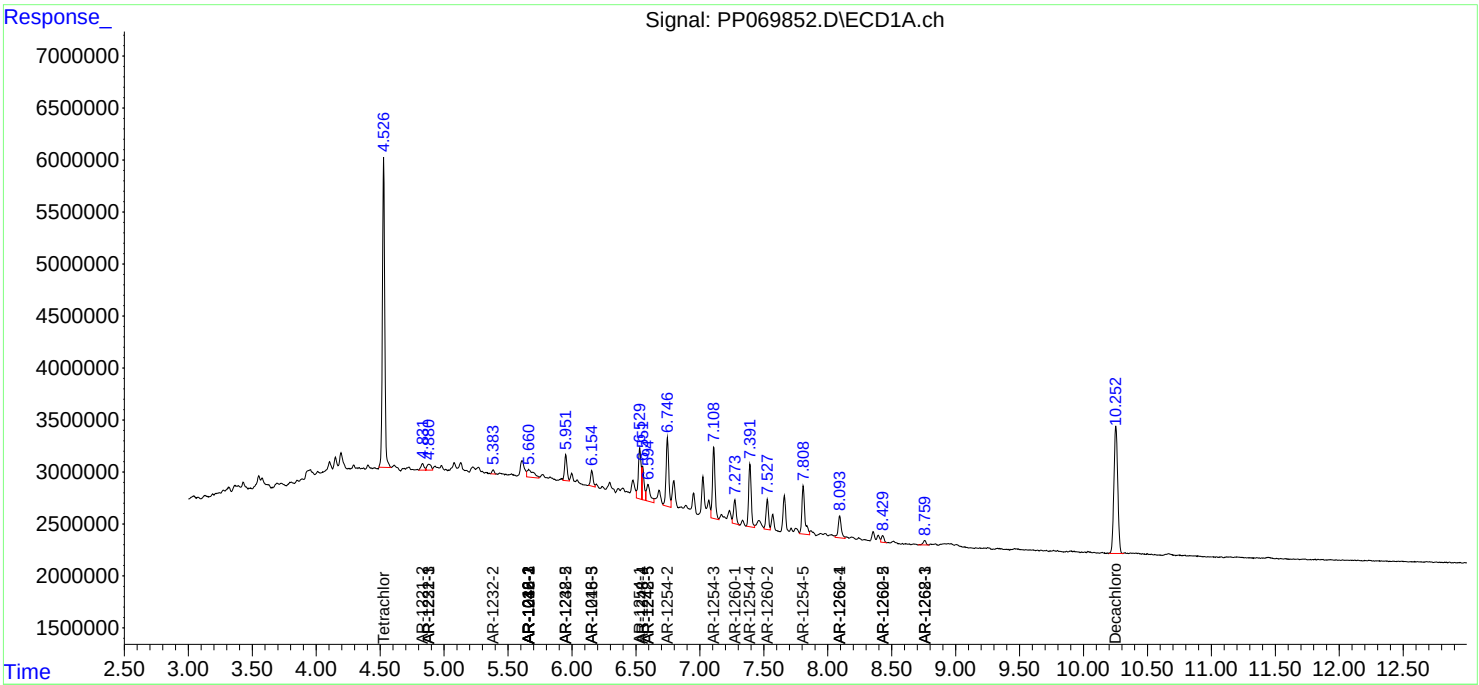
Quantitation Report (Not Reviewed)

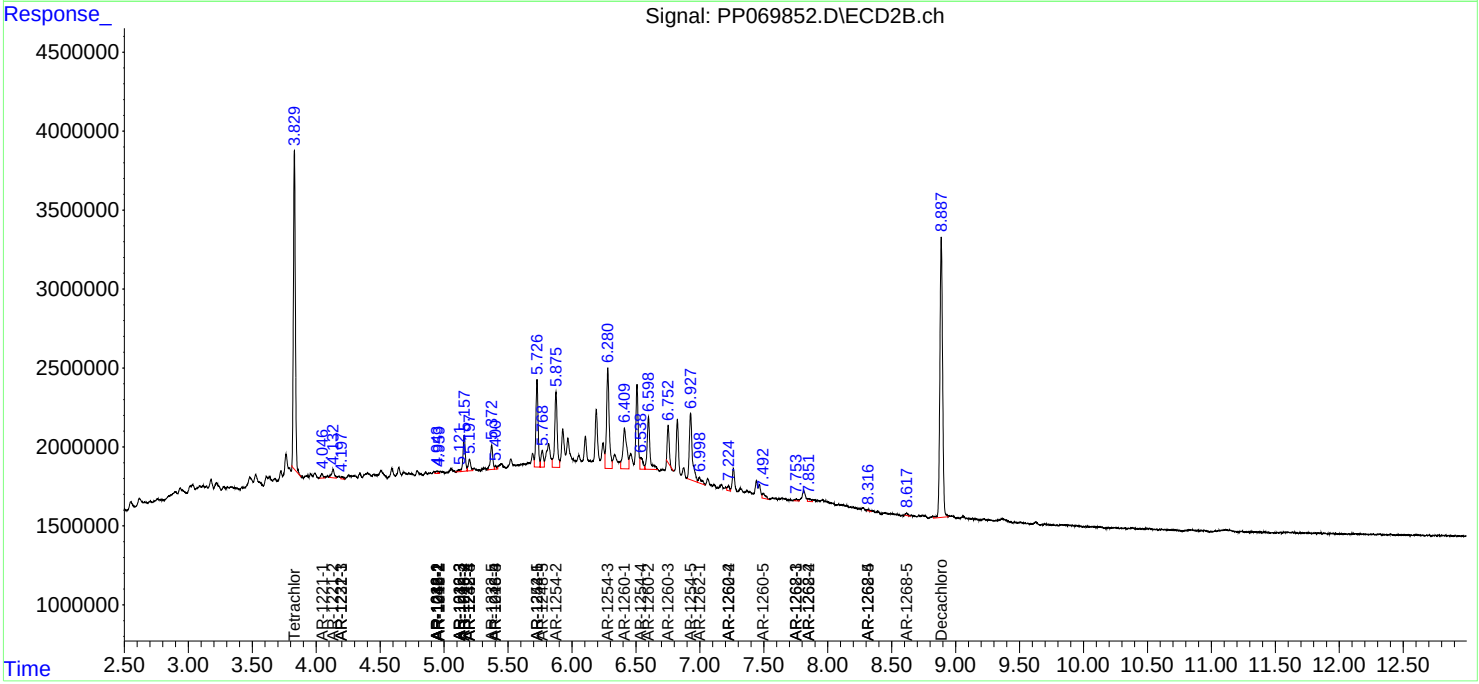
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069852.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:08
Operator : YP\AJ
Sample : Q1382-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

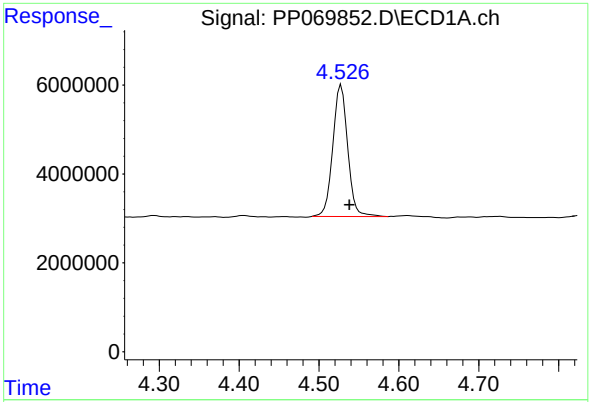
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:27:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



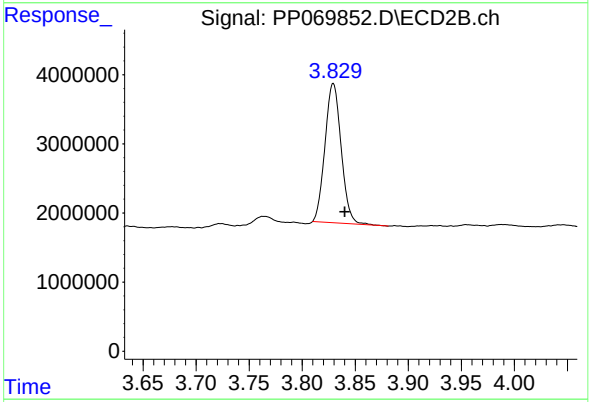




#1 Tetrachloro-m-xylene

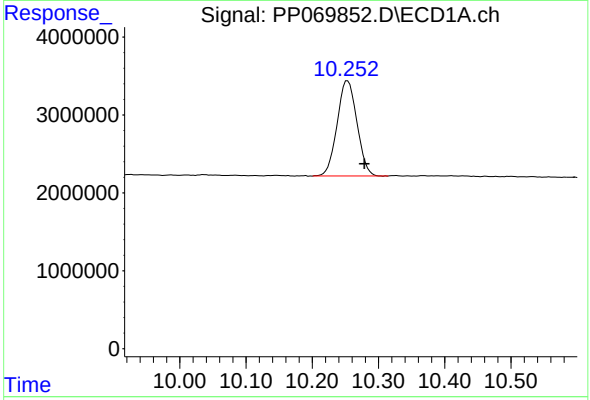
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 38285841
Conc: 26.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



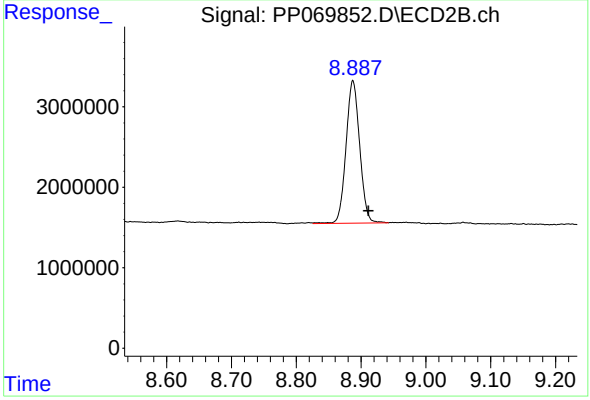
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21416403
Conc: 23.99 ng/ml



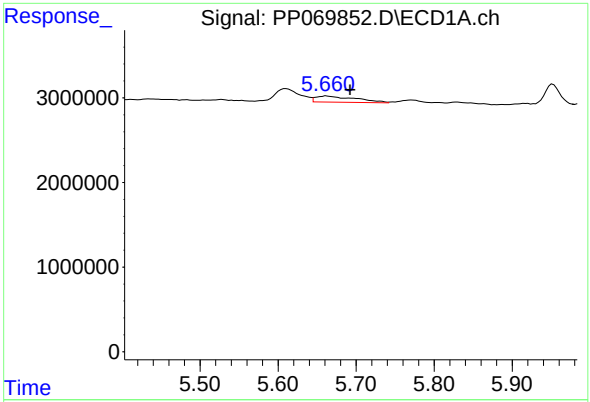
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 25515164
Conc: 23.35 ng/ml



#2 Decachlorobiphenyl

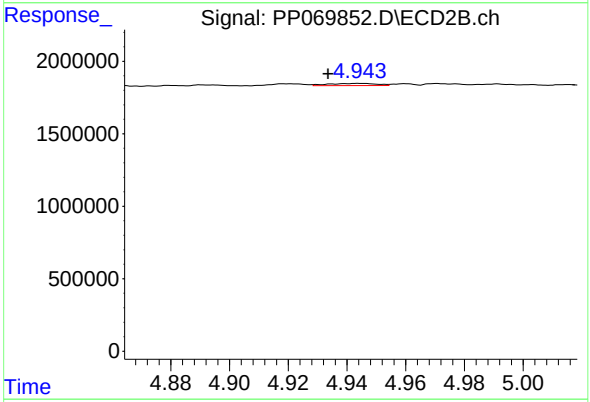
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25982285
Conc: 23.23 ng/ml



#3 AR-1016-1

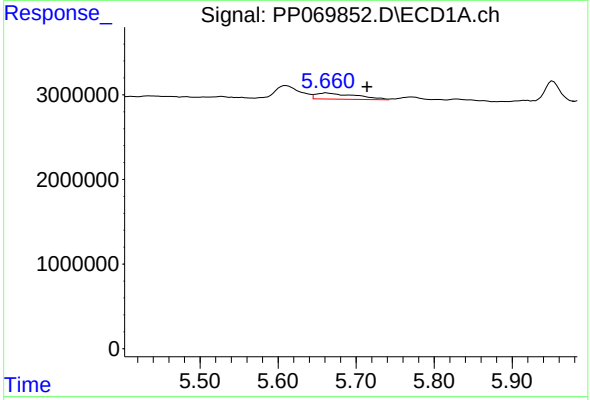
R.T.: 5.662 min
Delta R.T.: -0.030 min
Response: 2589827
Conc: 55.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



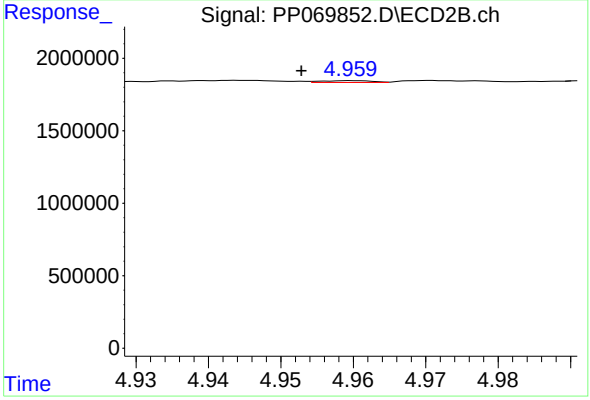
#3 AR-1016-1

R.T.: 4.944 min
Delta R.T.: 0.011 min
Response: 171719
Conc: 5.27 ng/ml



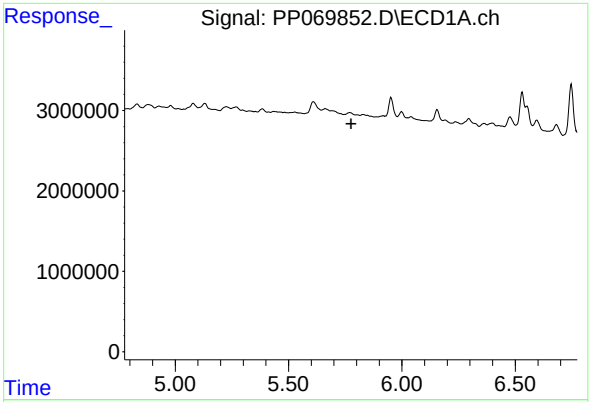
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: -0.052 min
Response: 2589827
Conc: 38.15 ng/ml



#4 AR-1016-2

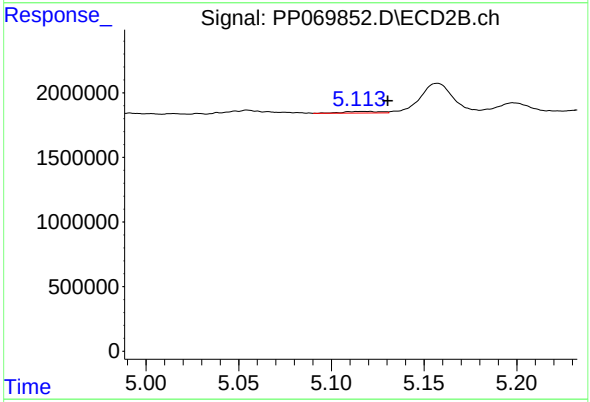
R.T.: 4.960 min
Delta R.T.: 0.007 min
Response: 61251
Conc: 1.36 ng/ml



#5 AR-1016-3

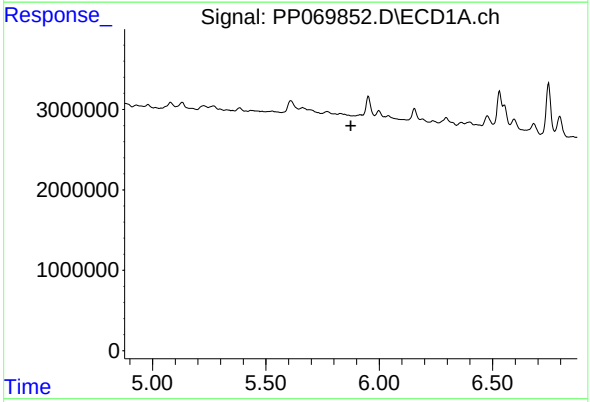
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



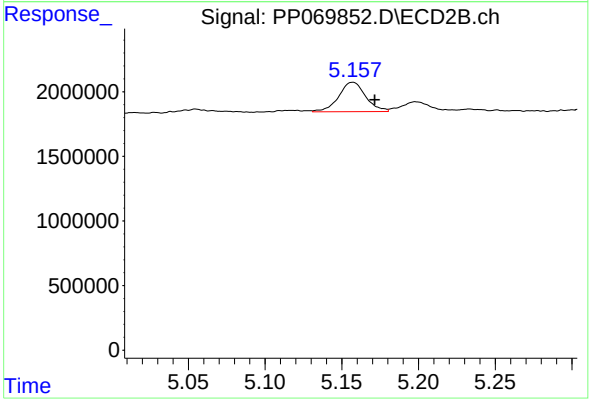
#5 AR-1016-3

R.T.: 5.118 min
Delta R.T.: -0.012 min
Response: 174174
Conc: 7.00 ng/ml



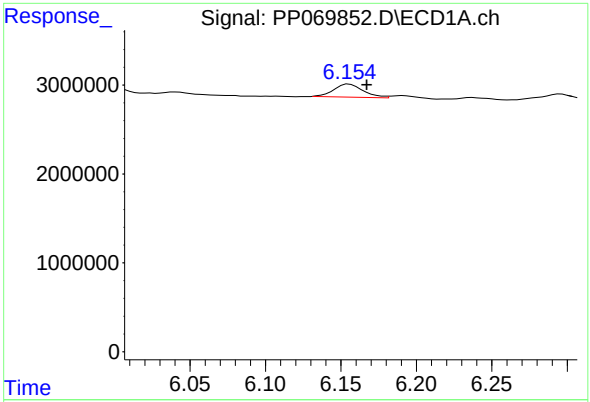
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

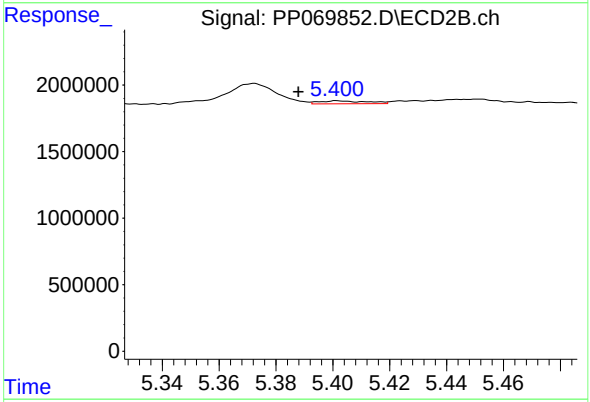
R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 2801164
Conc: 138.70 ng/ml



#7 AR-1016-5

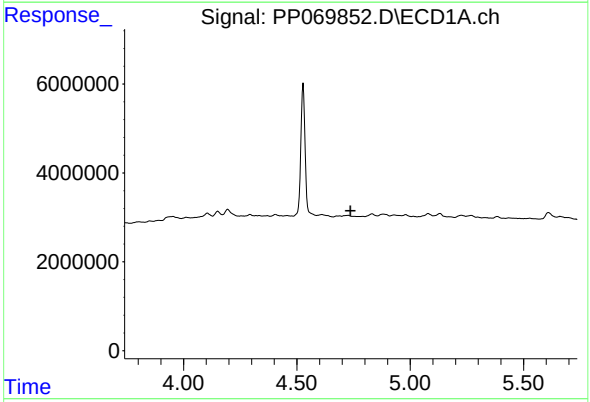
R.T.: 6.155 min
Delta R.T.: -0.012 min
Response: 2017306
Conc: 61.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



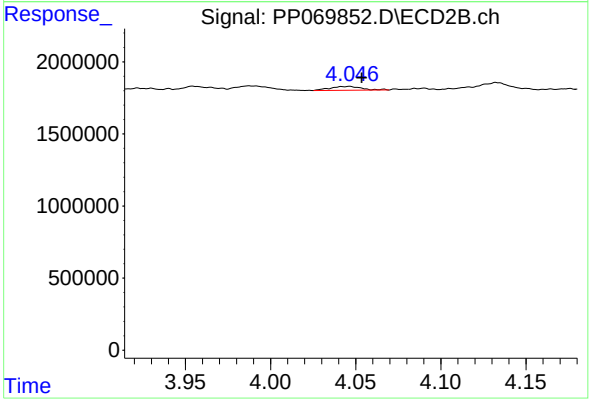
#7 AR-1016-5

R.T.: 5.402 min
Delta R.T.: 0.014 min
Response: 265955
Conc: 9.91 ng/ml



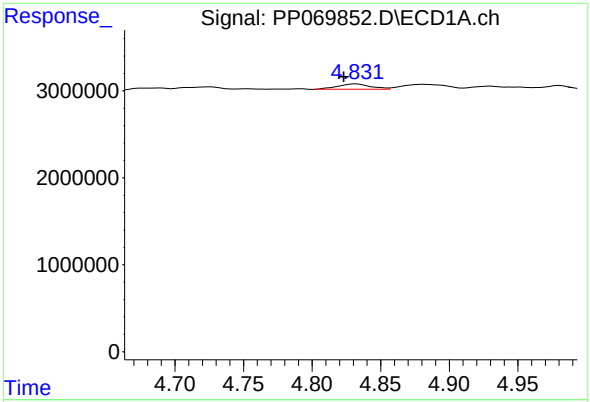
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

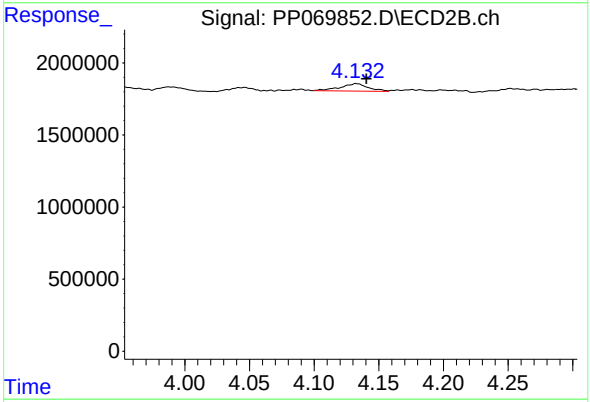
R.T.: 4.046 min
Delta R.T.: -0.007 min
Response: 345041
Conc: 28.01 ng/ml



#9 AR-1221-2

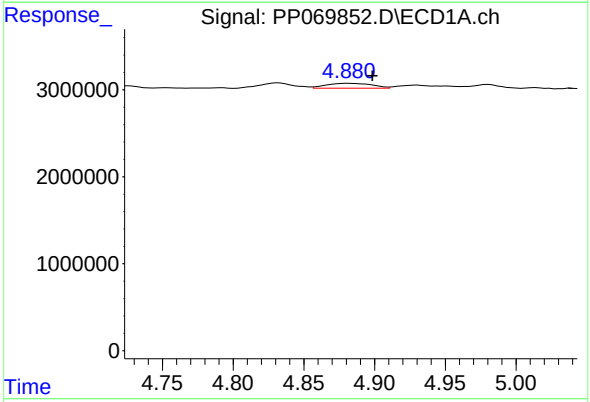
R.T.: 4.832 min
Delta R.T.: 0.009 min
Response: 1049260
Conc: 76.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



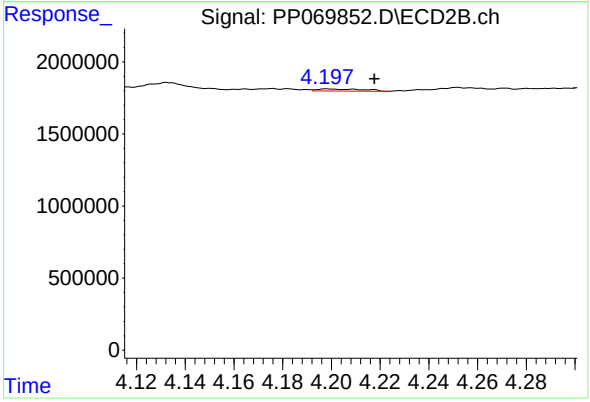
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 781613
Conc: 80.72 ng/ml



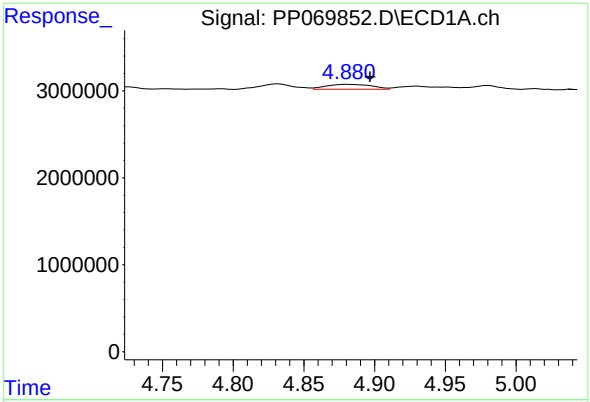
#10 AR-1221-3

R.T.: 4.881 min
Delta R.T.: -0.017 min
Response: 1282855
Conc: 30.59 ng/ml



#10 AR-1221-3

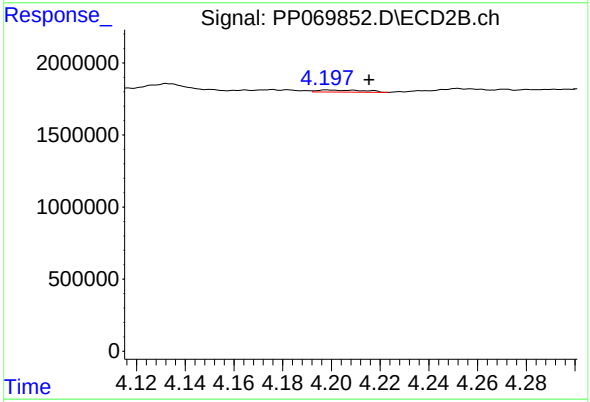
R.T.: 4.198 min
Delta R.T.: -0.019 min
Response: 192334
Conc: 6.59 ng/ml



#11 AR-1232-1

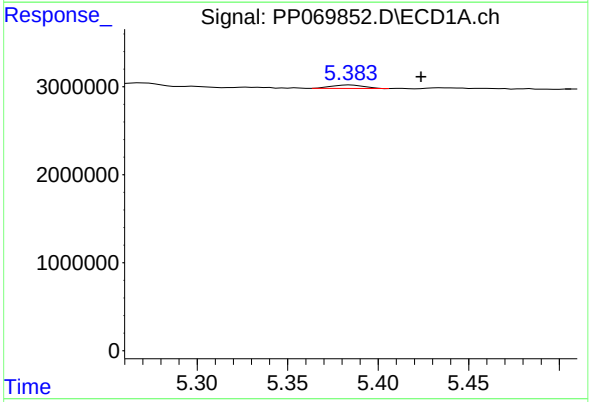
R.T.: 4.881 min
Delta R.T.: -0.015 min
Response: 1282855
Conc: 38.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



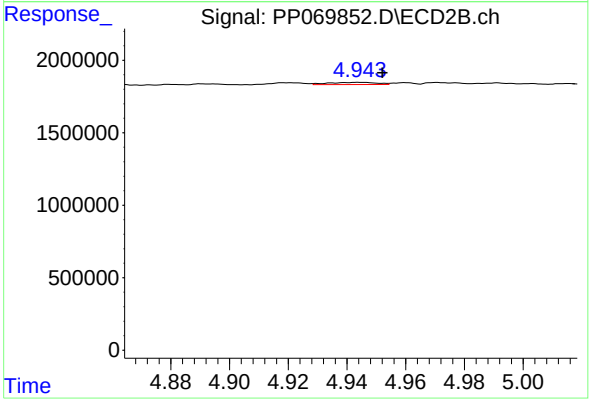
#11 AR-1232-1

R.T.: 4.198 min
Delta R.T.: -0.017 min
Response: 192334
Conc: 8.19 ng/ml



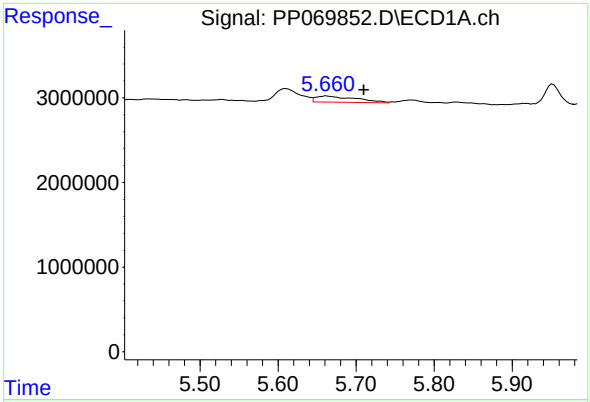
#12 AR-1232-2

R.T.: 5.385 min
Delta R.T.: -0.039 min
Response: 490262
Conc: 30.00 ng/ml



#12 AR-1232-2

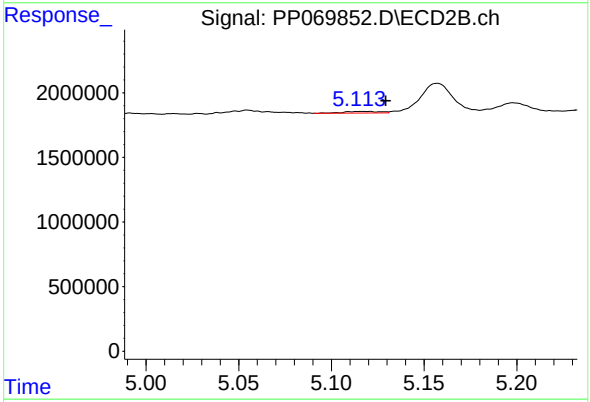
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 171719
Conc: 7.28 ng/ml



#13 AR-1232-3

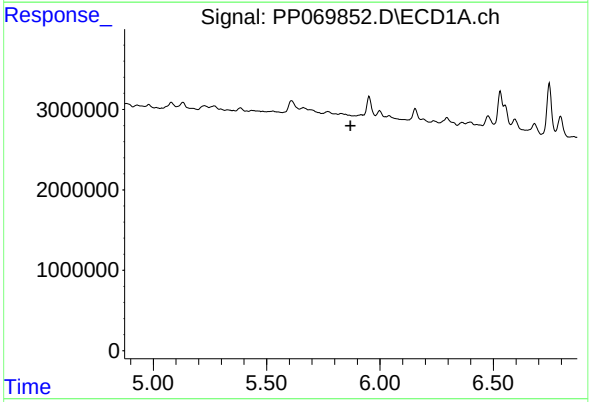
R.T.: 5.662 min
Delta R.T.: -0.048 min
Response: 2589827
Conc: 75.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



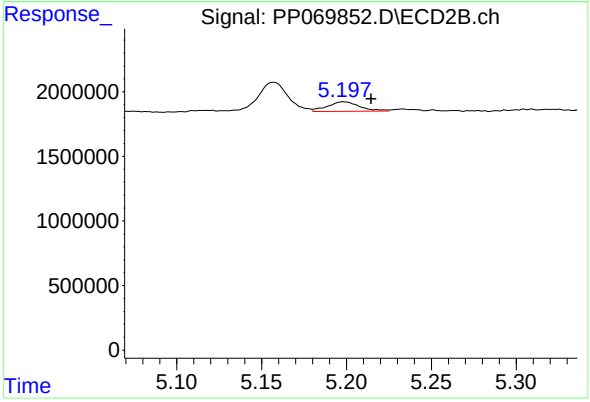
#13 AR-1232-3

R.T.: 5.118 min
Delta R.T.: -0.011 min
Response: 174174
Conc: 13.45 ng/ml



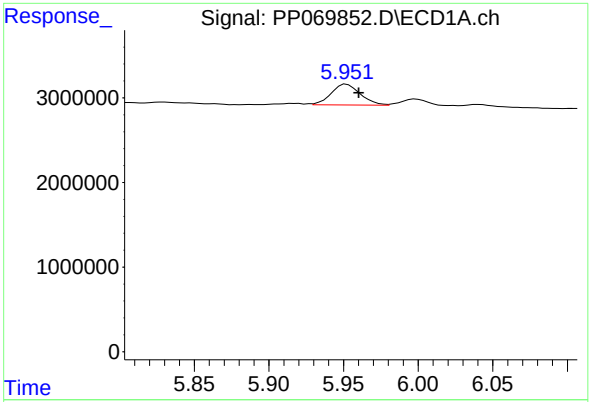
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

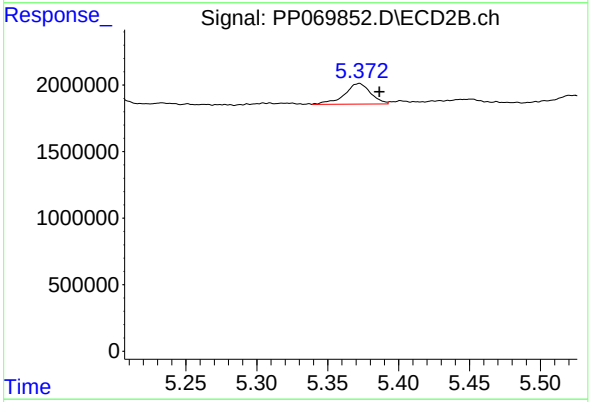
R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 975150
Conc: 87.96 ng/ml



#15 AR-1232-5

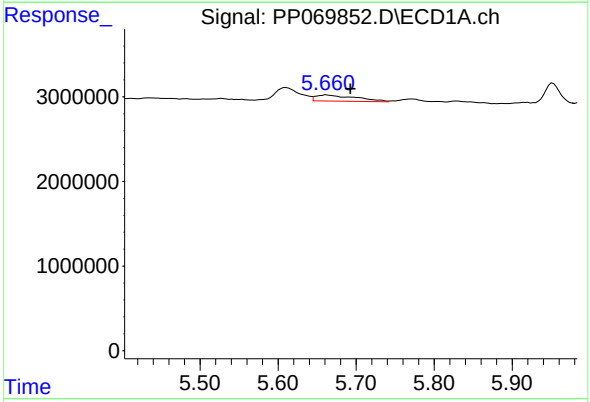
R.T.: 5.952 min
Delta R.T.: -0.008 min
Response: 3336374
Conc: 291.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



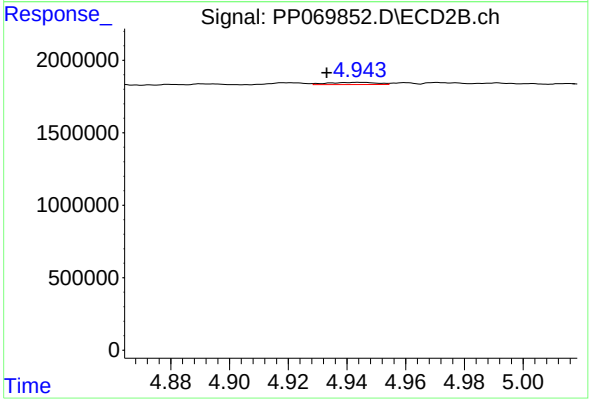
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.014 min
Response: 1990236
Conc: 163.00 ng/ml



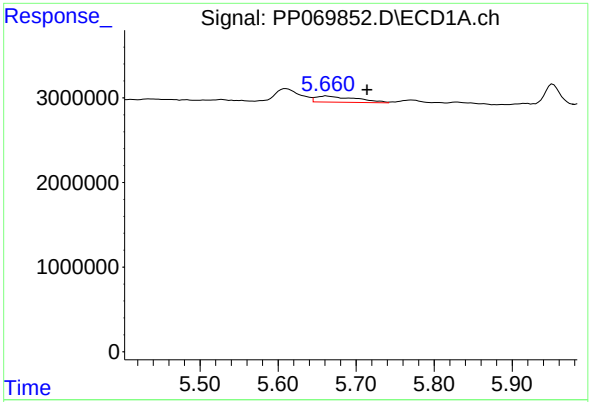
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: -0.031 min
Response: 2589827
Conc: 62.10 ng/ml



#16 AR-1242-1

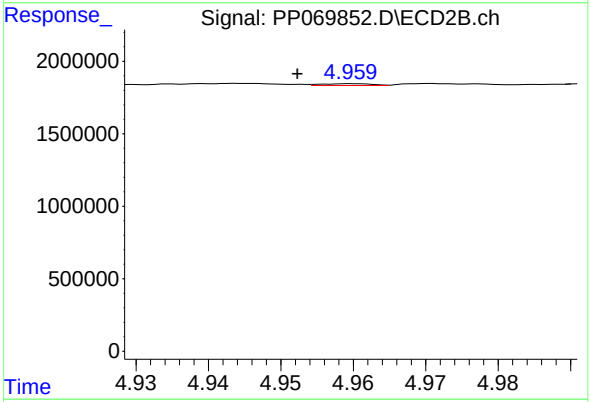
R.T.: 4.944 min
Delta R.T.: 0.011 min
Response: 171719
Conc: 5.96 ng/ml



#17 AR-1242-2

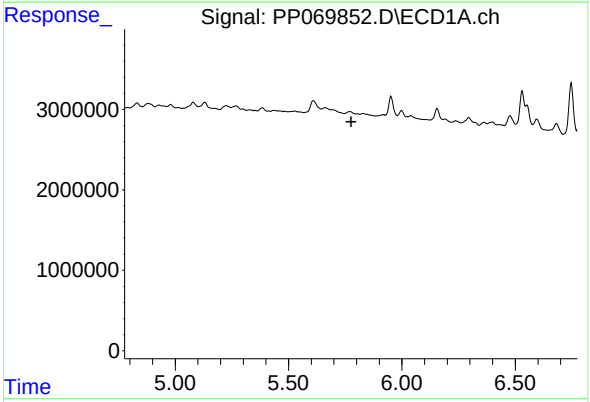
R.T.: 5.662 min
Delta R.T.: -0.052 min
Response: 2589827
Conc: 43.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



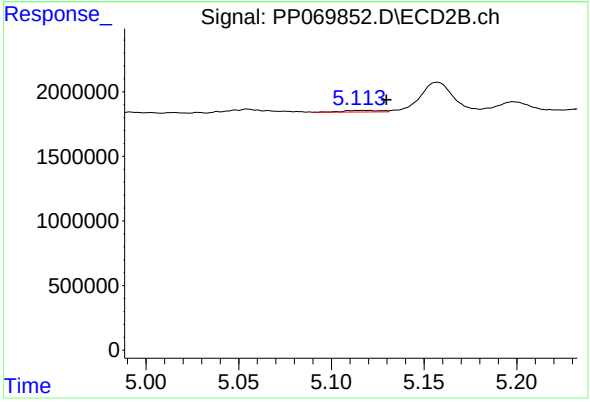
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.007 min
Response: 61251
Conc: 1.55 ng/ml



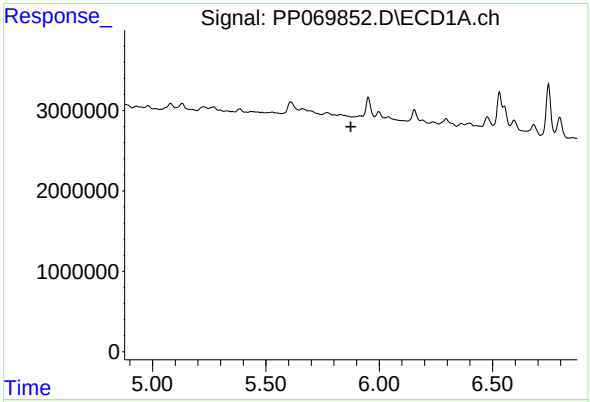
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

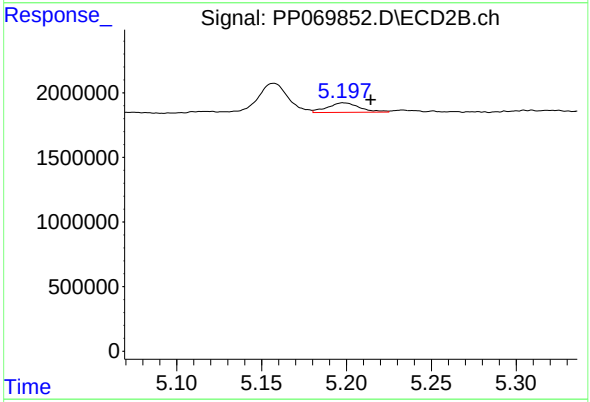
R.T.: 5.118 min
Delta R.T.: -0.011 min
Response: 174174
Conc: 7.74 ng/ml



#19 AR-1242-4

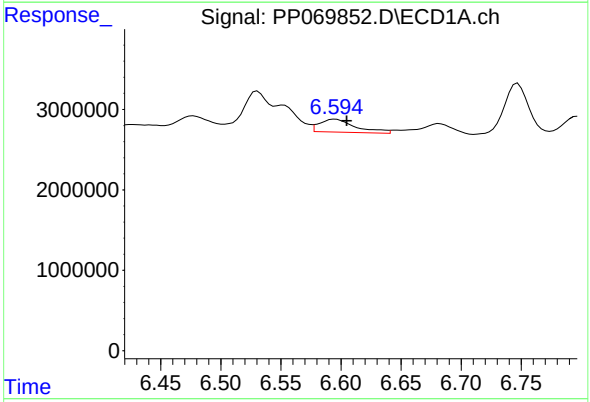
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



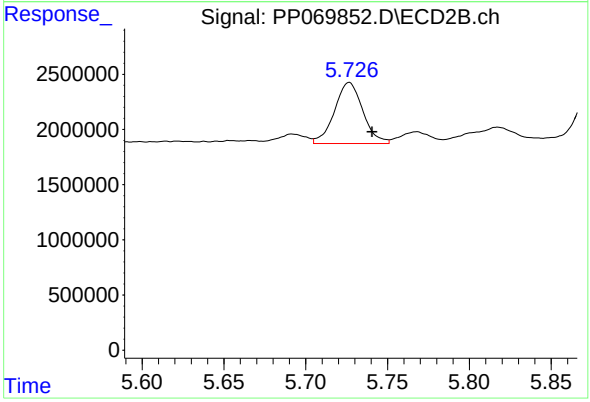
#19 AR-1242-4

R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 975150
Conc: 45.18 ng/ml



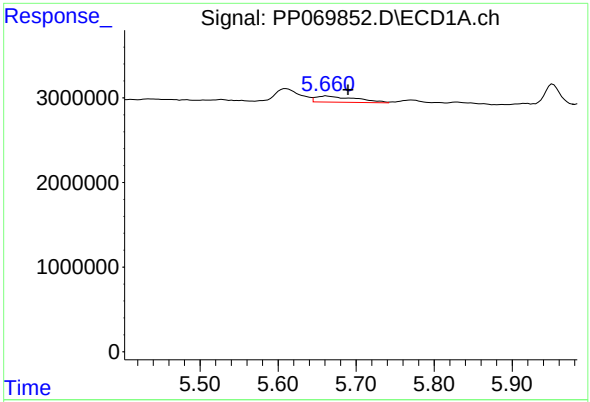
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: -0.010 min
Response: 3374069
Conc: 103.55 ng/ml



#20 AR-1242-5

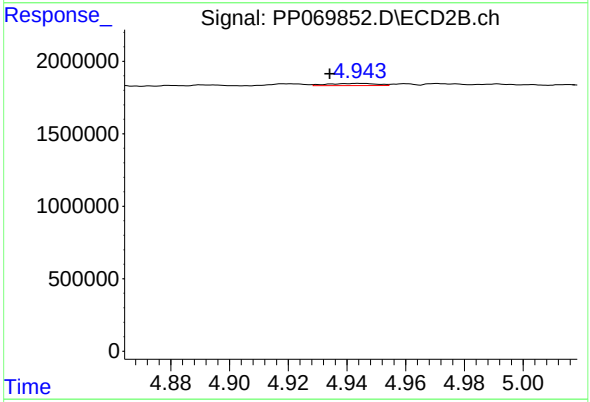
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 6683487
Conc: 232.32 ng/ml



#21 AR-1248-1

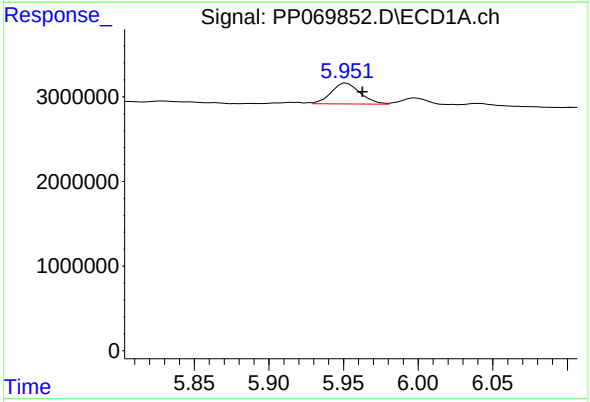
R.T.: 5.662 min
Delta R.T.: -0.028 min
Response: 2589827
Conc: 79.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



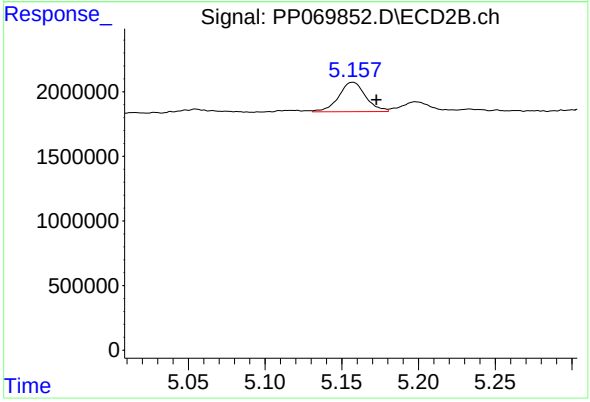
#21 AR-1248-1

R.T.: 4.944 min
Delta R.T.: 0.010 min
Response: 171719
Conc: 7.80 ng/ml



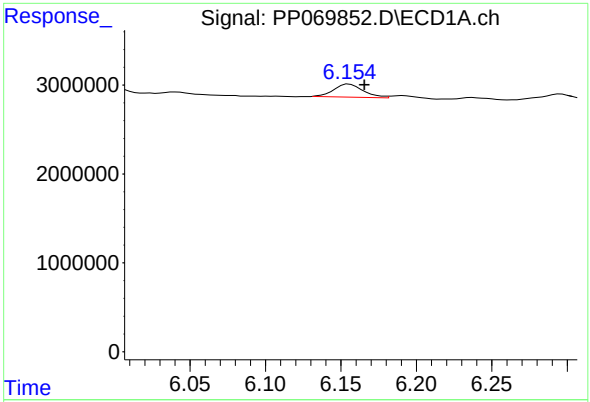
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.011 min
Response: 3336374
Conc: 78.60 ng/ml



#22 AR-1248-2

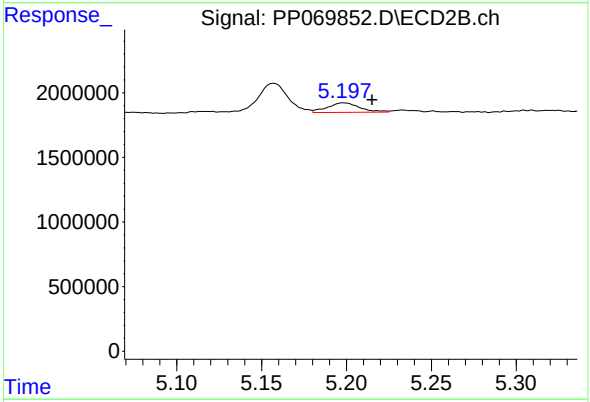
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 2801164
Conc: 93.17 ng/ml



#23 AR-1248-3

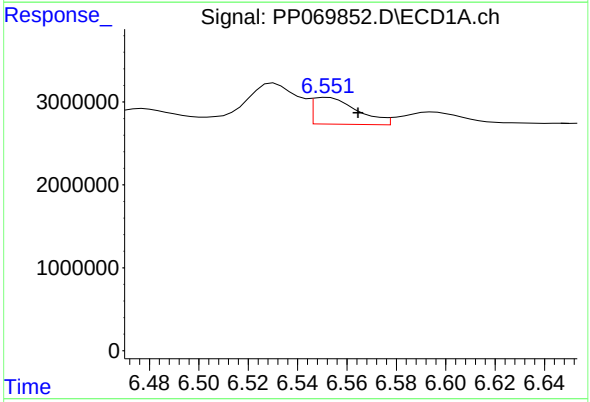
R.T.: 6.155 min
Delta R.T.: -0.010 min
Response: 2017306
Conc: 42.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



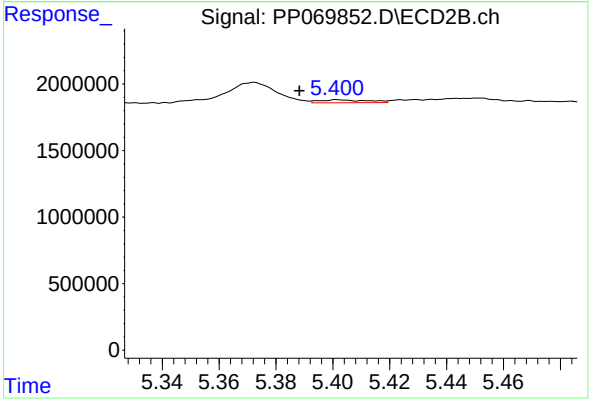
#23 AR-1248-3

R.T.: 5.198 min
Delta R.T.: -0.017 min
Response: 975150
Conc: 31.47 ng/ml



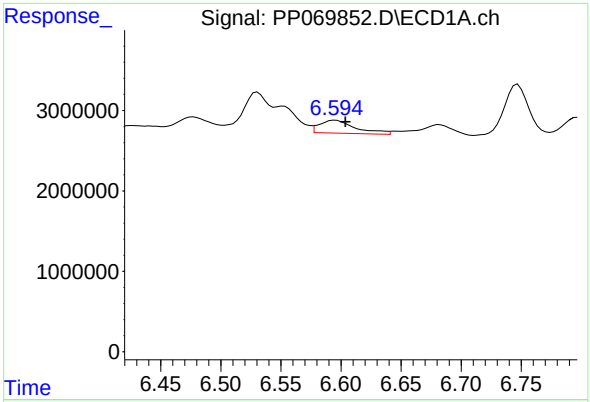
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: -0.012 min
Response: 4038492
Conc: 73.27 ng/ml



#24 AR-1248-4

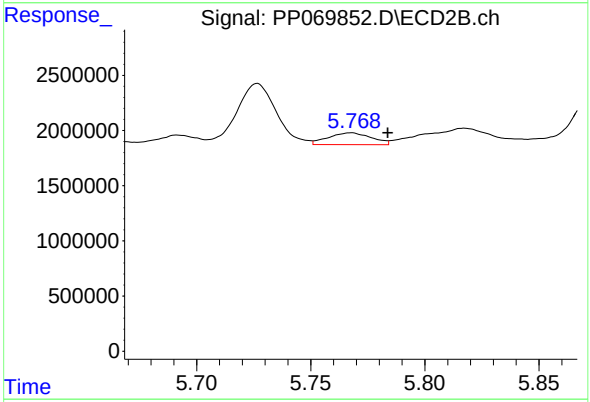
R.T.: 5.402 min
Delta R.T.: 0.013 min
Response: 265955
Conc: 7.20 ng/ml



#25 AR-1248-5

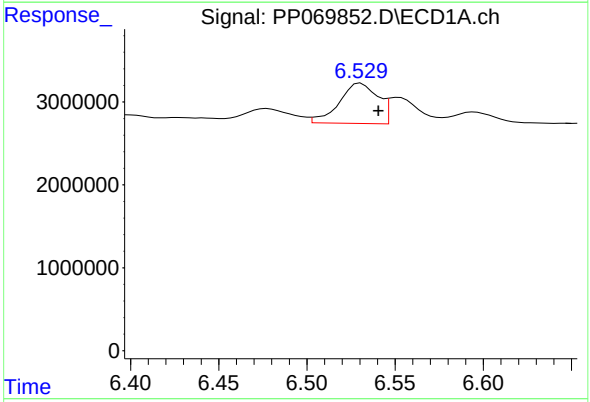
R.T.: 6.595 min
Delta R.T.: -0.009 min
Response: 3374069
Conc: 63.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



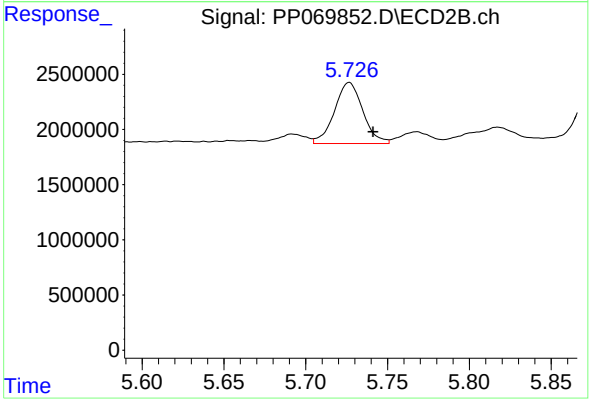
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 1410161
Conc: 37.72 ng/ml



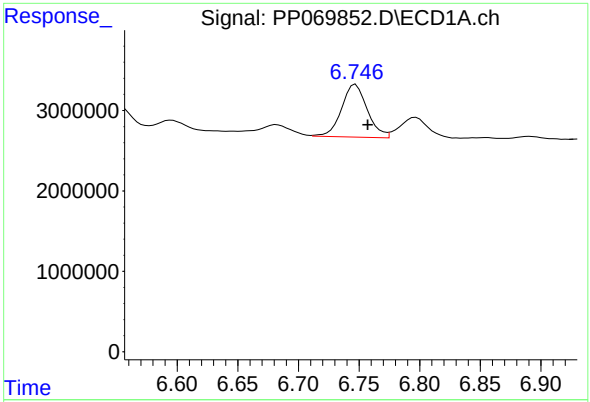
#26 AR-1254-1

R.T.: 6.531 min
Delta R.T.: -0.010 min
Response: 7405247
Conc: 127.98 ng/ml



#26 AR-1254-1

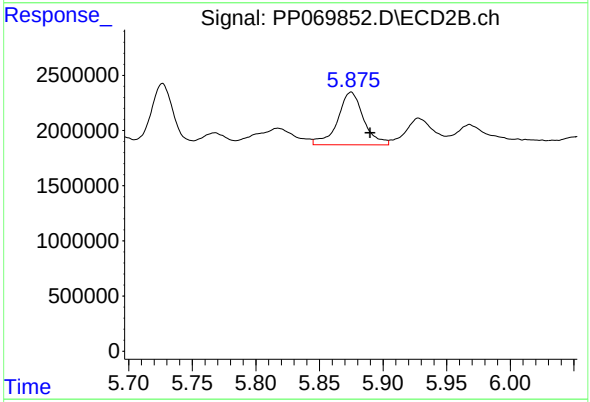
R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 6683487
Conc: 121.39 ng/ml



#27 AR-1254-2

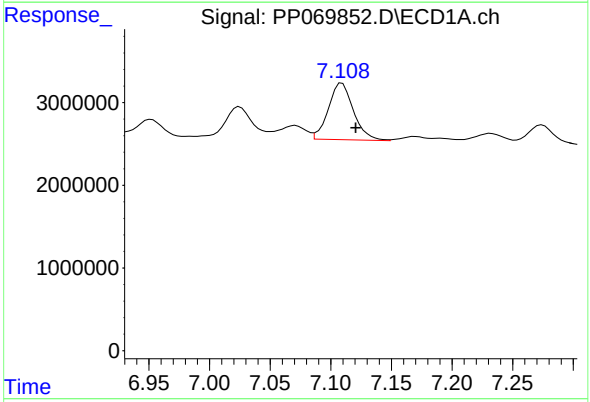
R.T.: 6.747 min
Delta R.T.: -0.010 min
Response: 9705393
Conc: 120.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



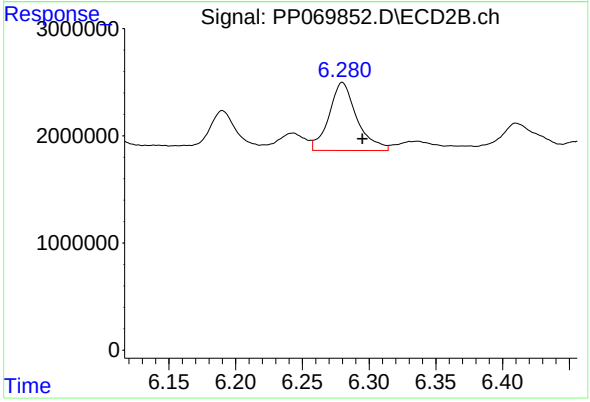
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 6775361
Conc: 140.08 ng/ml



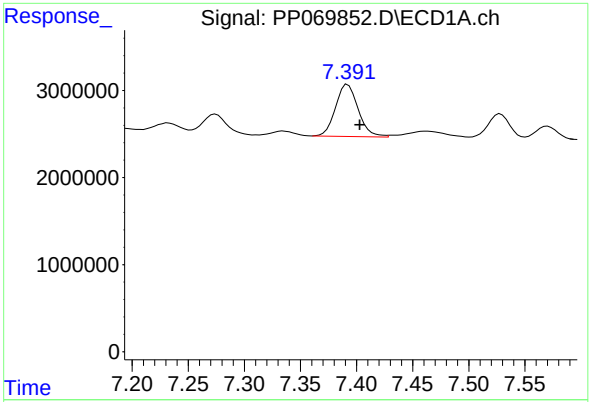
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 9830034
Conc: 116.62 ng/ml



#28 AR-1254-3

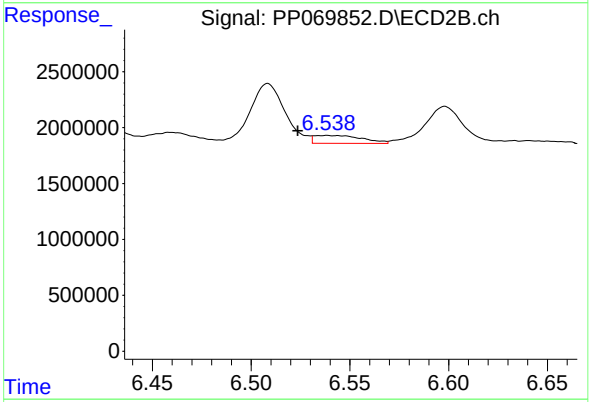
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 9232315
Conc: 121.64 ng/ml



#29 AR-1254-4

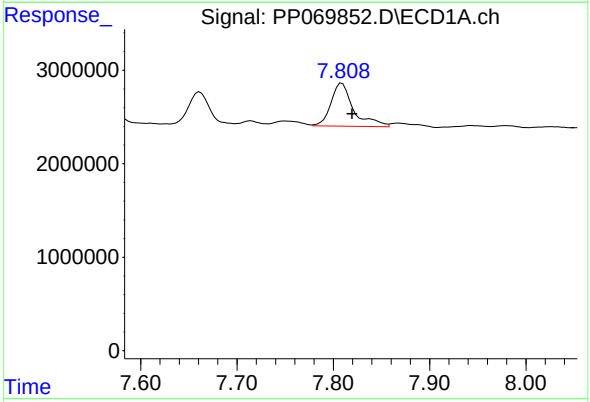
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 8381645
Conc: 122.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



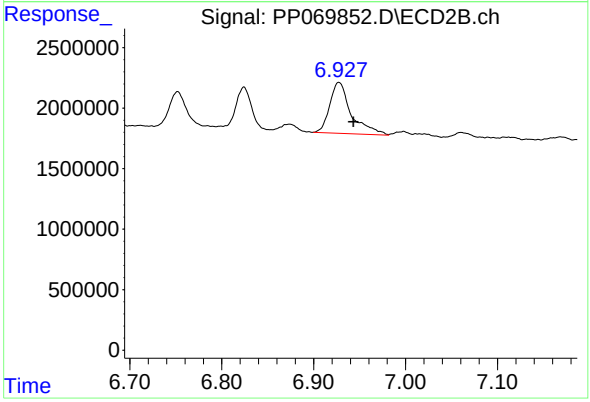
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.015 min
Response: 1199922
Conc: 23.41 ng/ml



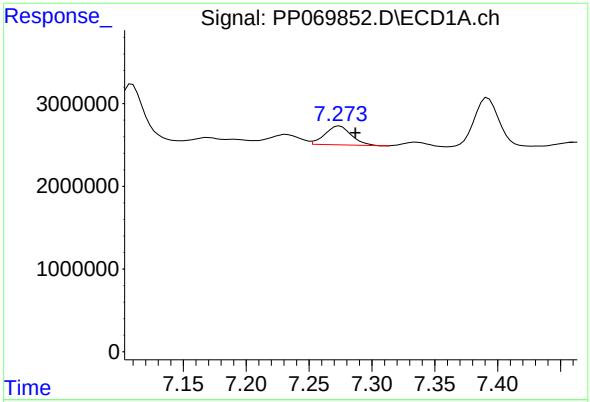
#30 AR-1254-5

R.T.: 7.809 min
Delta R.T.: -0.011 min
Response: 7460332
Conc: 109.64 ng/ml



#30 AR-1254-5

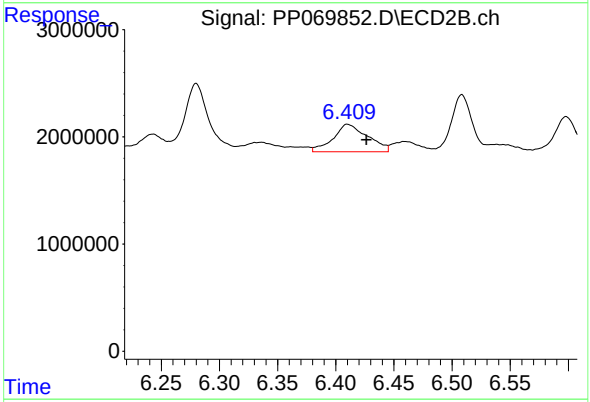
R.T.: 6.928 min
Delta R.T.: -0.016 min
Response: 6842361
Conc: 102.80 ng/ml



#31 AR-1260-1

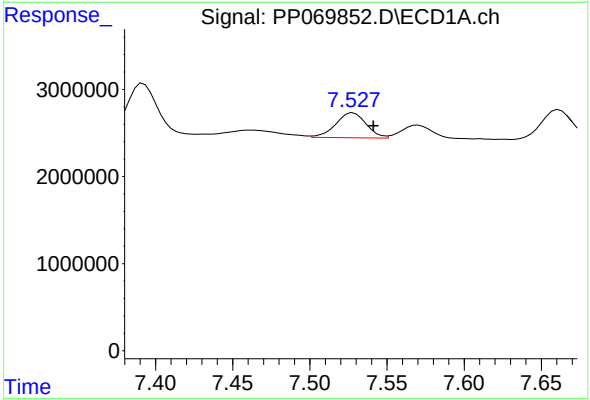
R.T.: 7.274 min
Delta R.T.: -0.012 min
Response: 3316998
Conc: 56.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



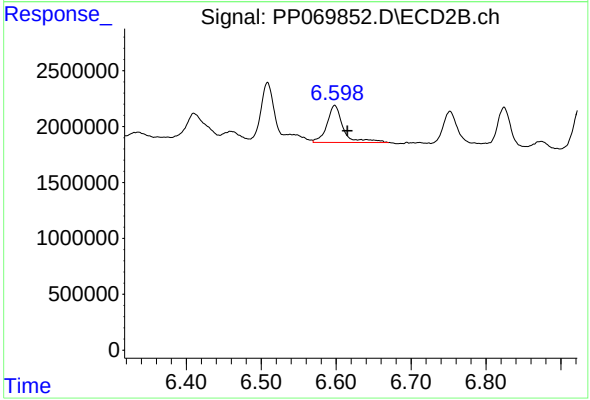
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 5299845
Conc: 109.89 ng/ml



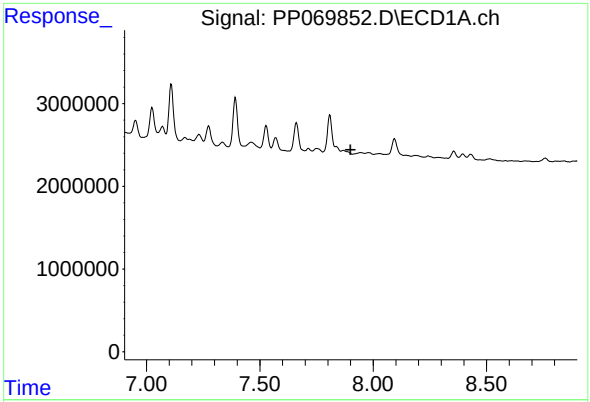
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.013 min
Response: 3924561
Conc: 50.44 ng/ml



#32 AR-1260-2

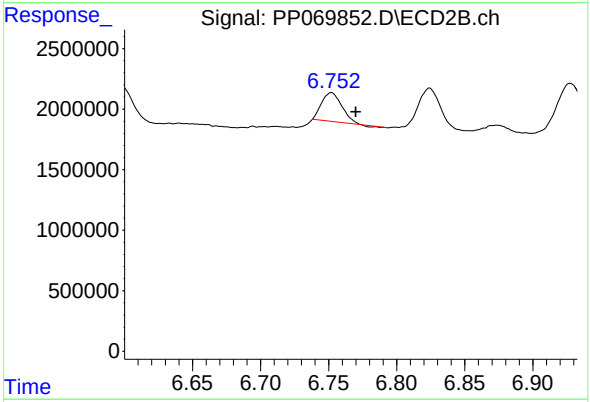
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 5011317
Conc: 81.75 ng/ml



#33 AR-1260-3

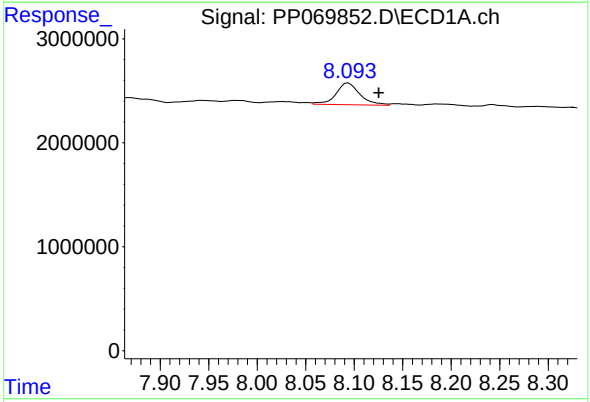
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



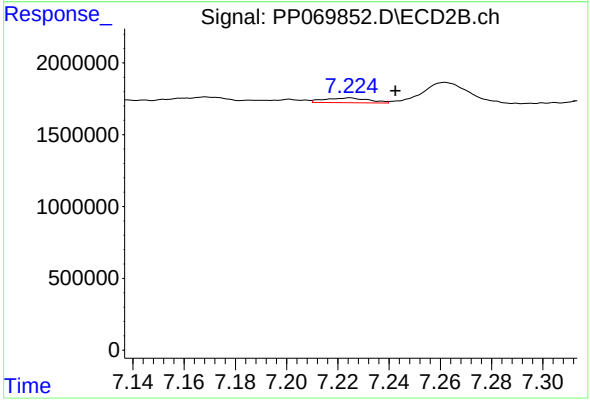
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 2412866
Conc: 40.11 ng/ml



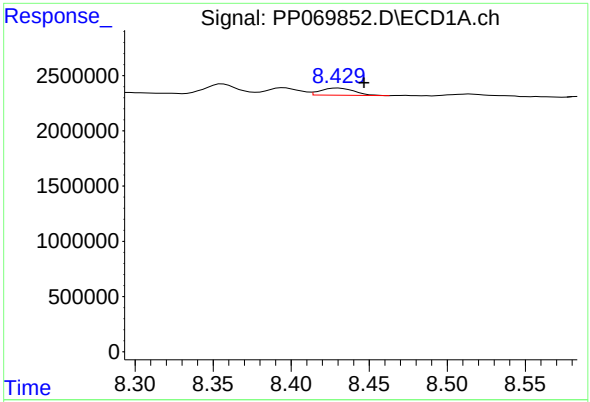
#34 AR-1260-4

R.T.: 8.094 min
Delta R.T.: -0.031 min
Response: 3593744
Conc: 54.47 ng/ml



#34 AR-1260-4

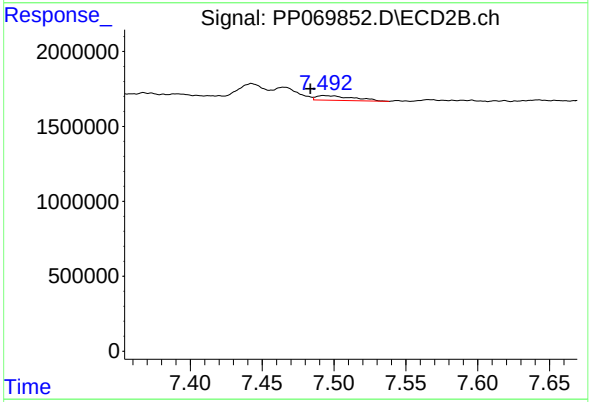
R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 401822
Conc: 8.65 ng/ml



#35 AR-1260-5

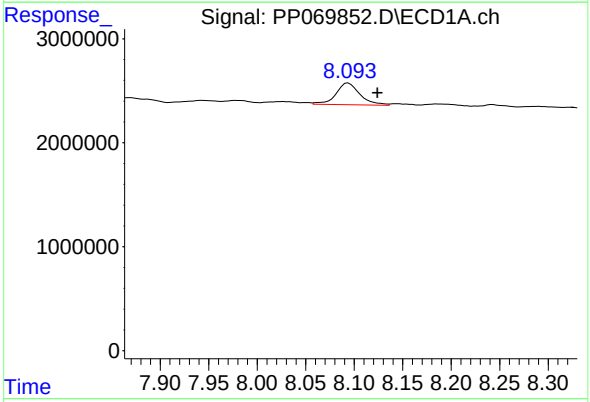
R.T.: 8.430 min
Delta R.T.: -0.017 min
Response: 964247
Conc: 7.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



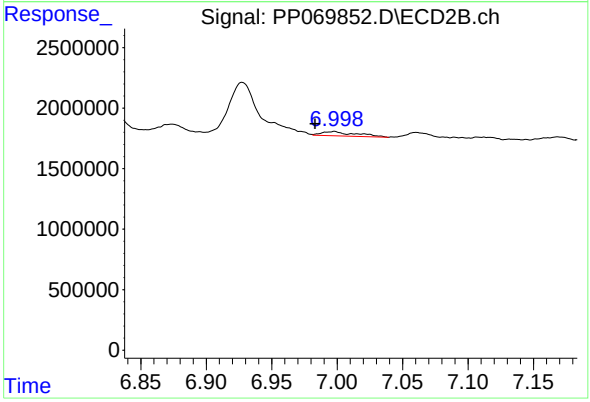
#35 AR-1260-5

R.T.: 7.493 min
Delta R.T.: 0.009 min
Response: 554535
Conc: 4.99 ng/ml



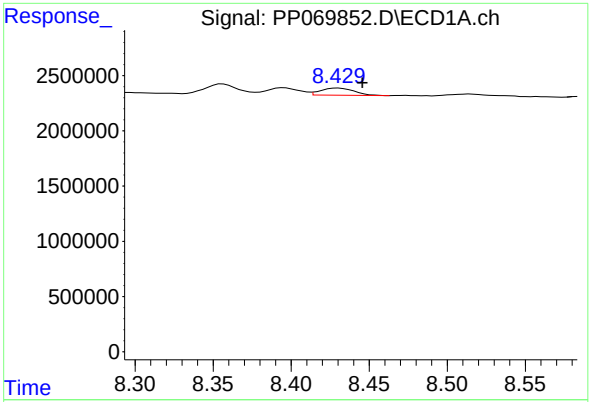
#36 AR-1262-1

R.T.: 8.094 min
Delta R.T.: -0.030 min
Response: 3593744
Conc: 45.48 ng/ml



#36 AR-1262-1

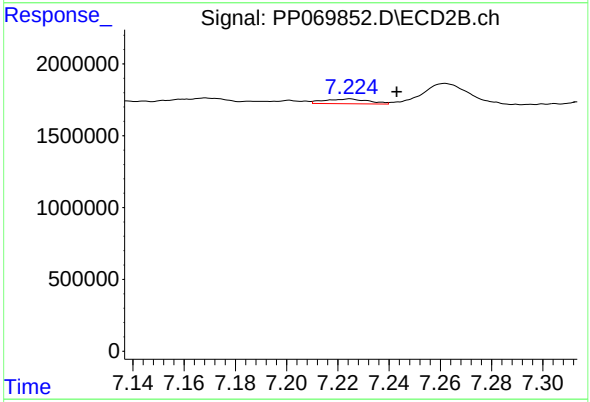
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 662006
Conc: 9.32 ng/ml



#37 AR-1262-2

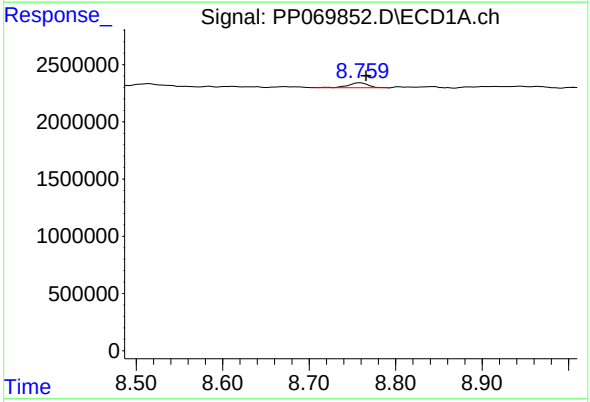
R.T.: 8.430 min
Delta R.T.: -0.016 min
Response: 964247
Conc: 6.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



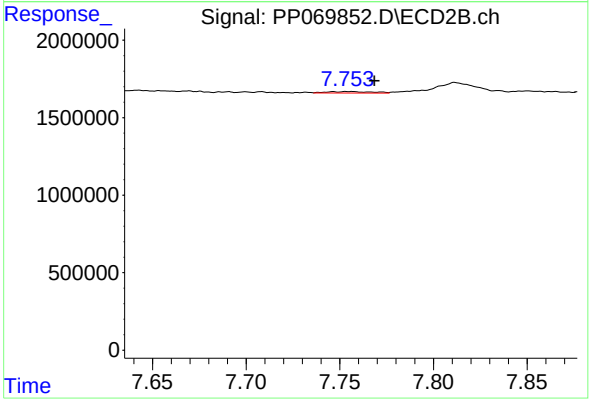
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 401822
Conc: 6.59 ng/ml



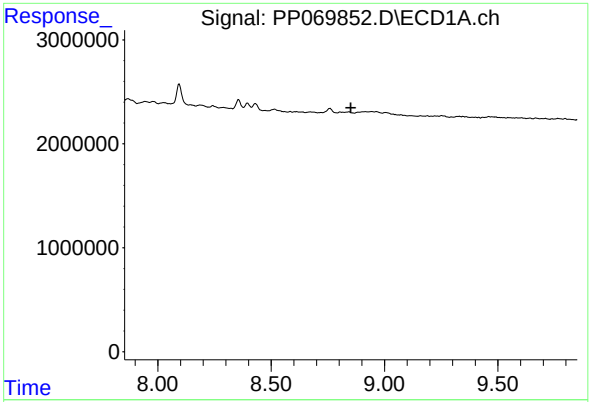
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: -0.006 min
Response: 691167
Conc: 6.50 ng/ml



#38 AR-1262-3

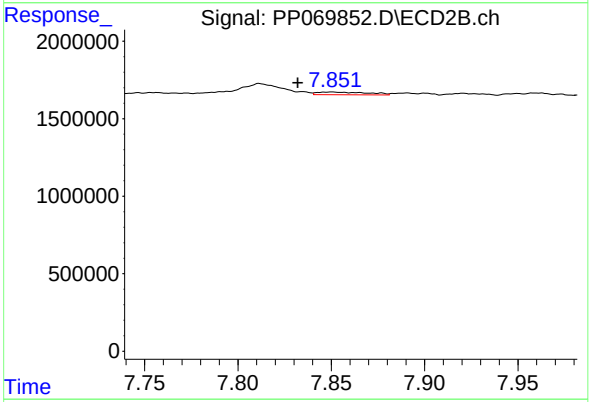
R.T.: 7.747 min
Delta R.T.: -0.022 min
Response: 163464
Conc: 3.13 ng/ml



#39 AR-1262-4

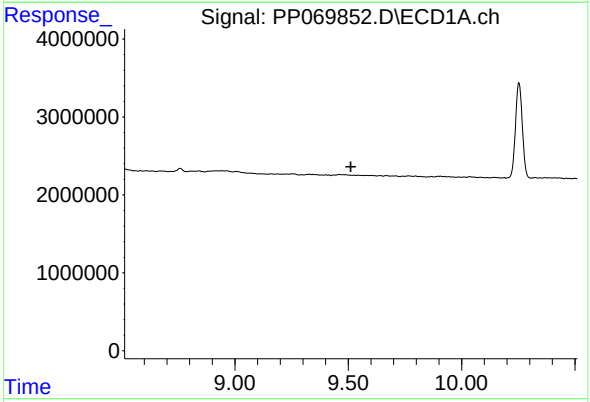
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



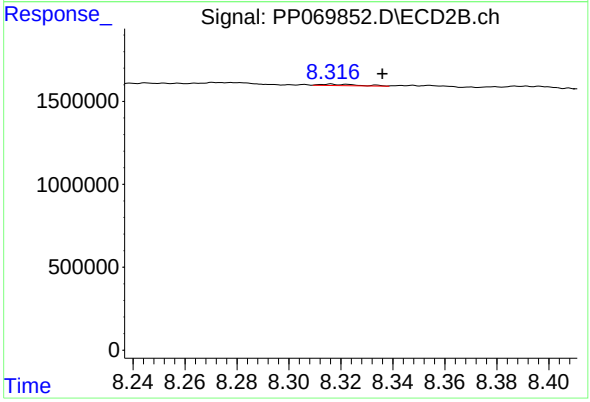
#39 AR-1262-4

R.T.: 7.851 min
Delta R.T.: 0.019 min
Response: 321023
Conc: 3.47 ng/ml



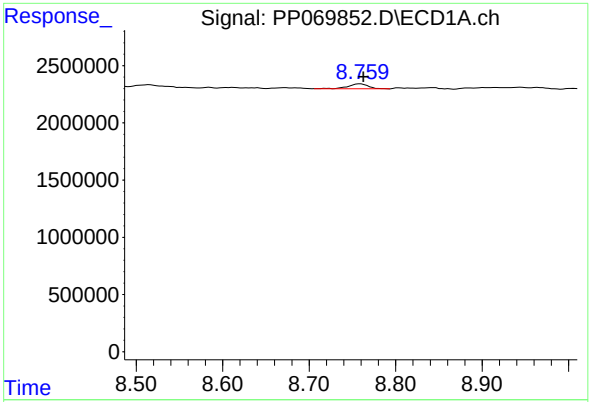
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

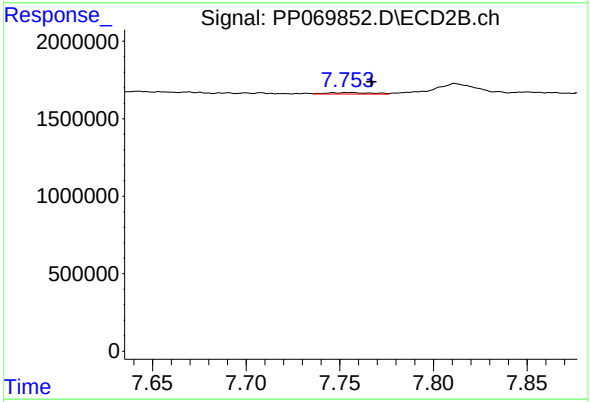
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 87431
Conc: 1.83 ng/ml



#41 AR-1268-1

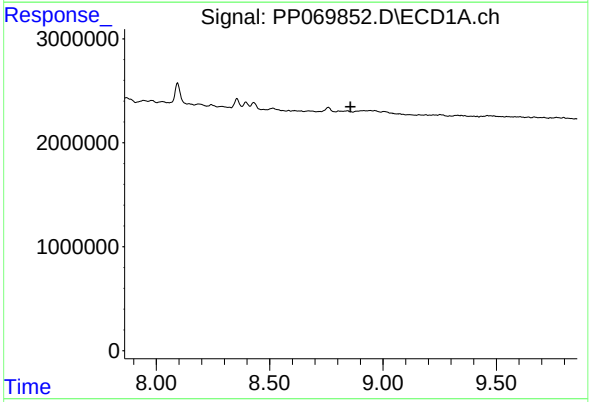
R.T.: 8.759 min
Delta R.T.: -0.003 min
Response: 691167
Conc: 3.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



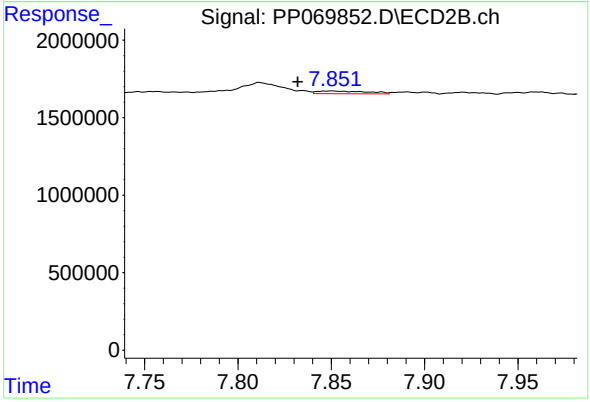
#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.020 min
Response: 163464
Conc: 1.13 ng/ml



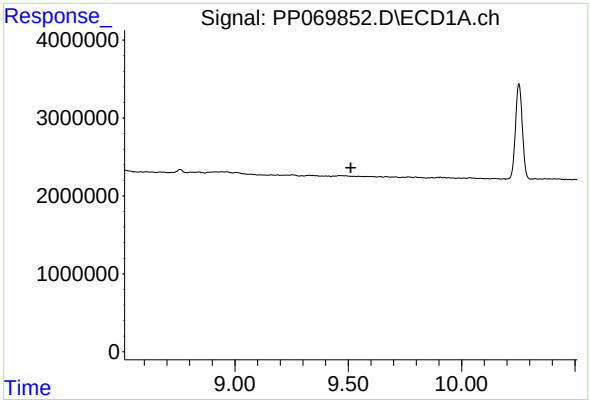
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

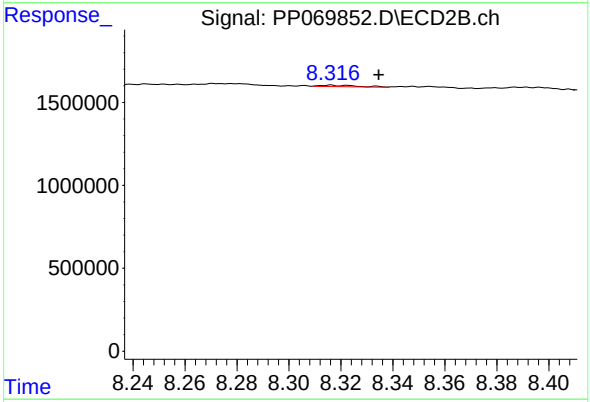
R.T.: 7.851 min
Delta R.T.: 0.019 min
Response: 321023
Conc: 2.42 ng/ml



#44 AR-1268-4

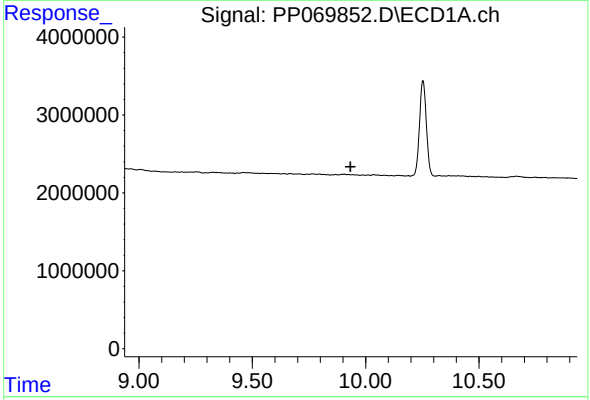
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-07-021725



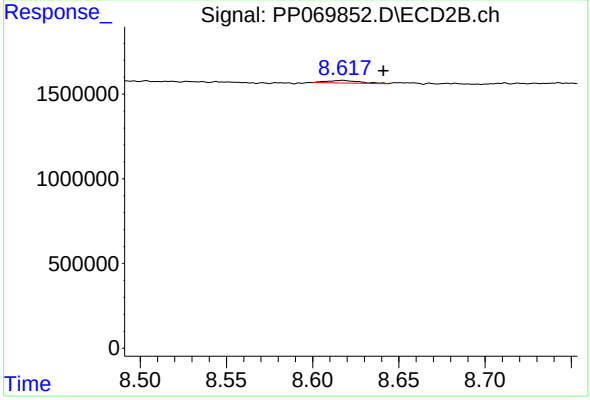
#44 AR-1268-4

R.T.: 8.316 min
Delta R.T.: -0.019 min
Response: 87431
Conc: 1.68 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.024 min
Response: 210879
Conc: 0.59 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:24
Operator : YP\AJ
Sample : Q1382-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:28:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	36201481	20741952	25.290	23.239	
2)	SA Decachlor...	10.251	8.888	21587474	22015312	19.752	19.683	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.921	0	40266	N.D.	1.235	#
4)	L1 AR-1016-2	0.000	4.946	0	145992	N.D.	3.247	#
5)	L1 AR-1016-3	0.000	5.153	0	256137	N.D.	10.293	#
6)	L1 AR-1016-4	0.000	5.153	0	256137	N.D.	12.682	#
7)	L1 AR-1016-5	0.000	5.403	0	175738	N.D.	6.552	#
8)	L2 AR-1221-1	0.000	4.055	0	247211	N.D.	20.069	#
9)	L2 AR-1221-2	4.825	4.134	890538	888329	65.038	91.738	#
10)	L2 AR-1221-3	4.868	4.204	743658	201511	17.730	6.907	#
11)	L3 AR-1232-1	4.868	4.204	743658	201511	22.336	8.582	#
12)	L3 AR-1232-2	5.378f	4.946	650866	145992	39.828	6.194	#
13)	L3 AR-1232-3	0.000	5.153	0	256137	N.D.	19.783	#
14)	L3 AR-1232-4	0.000	5.233	0	51672	N.D.	4.661	#
15)	L3 AR-1232-5	0.000	5.403	0	175738	N.D.	14.393	#
16)	L4 AR-1242-1	0.000	4.921	0	40266	N.D.	1.397	#
17)	L4 AR-1242-2	0.000	4.946	0	145992	N.D.	3.706	#
18)	L4 AR-1242-3	0.000	5.153	0	256137	N.D.	11.382	#
19)	L4 AR-1242-4	0.000	5.233	0	51672	N.D.	2.394	#
20)	L4 AR-1242-5	0.000	5.725	0	741145	N.D.	25.763	#
21)	L5 AR-1248-1	0.000	4.946	0	145992	N.D.	6.633	#
22)	L5 AR-1248-2	0.000	5.190	0	77867	N.D.	2.590	#
23)	L5 AR-1248-3	0.000	5.233	0	51672	N.D.	1.668	#
24)	L5 AR-1248-4	0.000	5.403	0	175738	N.D.	4.757	#
25)	L5 AR-1248-5	0.000	5.776	0	193732	N.D.	5.181	#
26)	L6 AR-1254-1	0.000	5.725	0	741145	N.D.	13.462	#
27)	L6 AR-1254-2	6.742	5.871	1201876	1106219	14.978	22.871	#
28)	L6 AR-1254-3	7.104	6.280	1081628	1444698	12.832	19.035	#
29)	L6 AR-1254-4	7.392	6.507	1161223	483242	17.030	9.429	#
30)	L6 AR-1254-5	0.000	6.929	0	319586	N.D.	4.801	#
31)	L7 AR-1260-1	0.000	6.408	0	757387	N.D.	15.704	#
32)	L7 AR-1260-2	7.528	6.596	302387	537773	3.886	8.772	#
33)	L7 AR-1260-3	0.000	6.753	0	636627	N.D.	10.583	#
34)	L7 AR-1260-4	8.089f	7.258	801792	101410	12.153	2.182	#
35)	L7 AR-1260-5	8.392f	7.435f	709772	224186	5.421	2.017	#
36)	L8 AR-1262-1	8.089f	6.929f	801792	319586	10.147	4.500	#
37)	L8 AR-1262-2	8.392f	7.258	709772	101410	4.641	1.663	#
38)	L8 AR-1262-3	0.000	7.772	0	87031	N.D.	1.664	#
39)	L8 AR-1262-4	0.000	7.796f	0	99269	N.D.	1.074	#
40)	L8 AR-1262-5	0.000	8.272f	0	98885	N.D.	2.069	#
41)	L9 AR-1268-1	0.000	7.772	0	87031	N.D.	0.600	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:24
Operator : YP\AJ
Sample : Q1382-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:28:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.796f	0	99269	N.D.	0.747 #
43) L9	AR-1268-3	0.000	8.050	0	59782	N.D.	0.526 #
44) L9	AR-1268-4	0.000	8.272f	0	98885	N.D.	1.899 #
45) L9	AR-1268-5	0.000	8.619	0	152327	N.D.	0.428 #

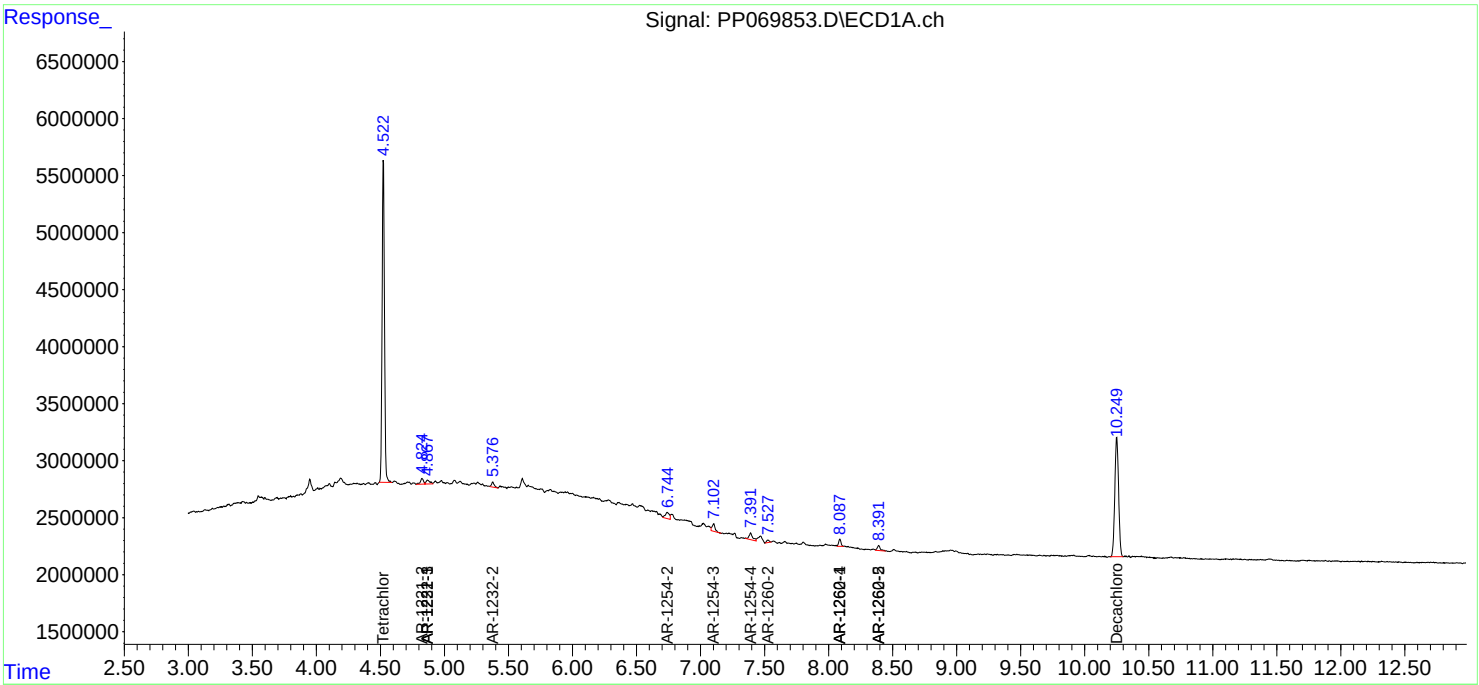
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

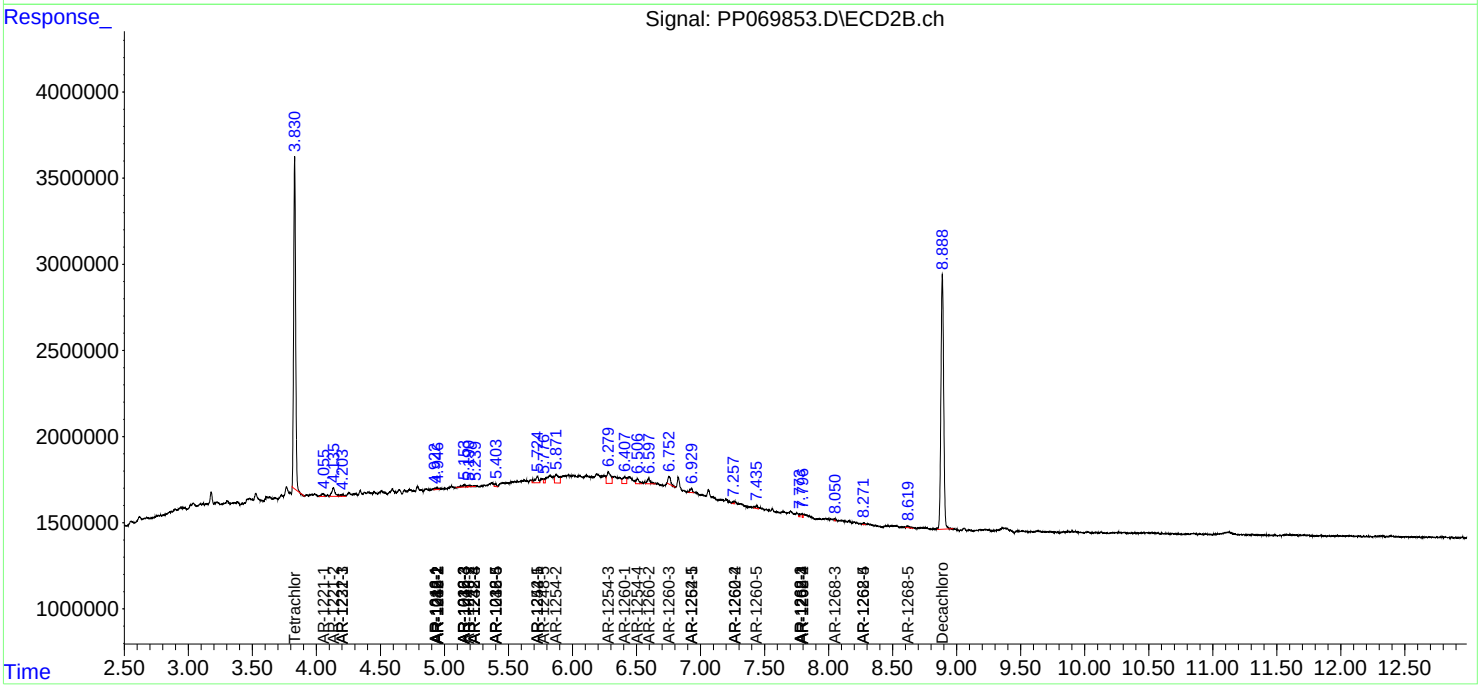
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:24
Operator : YP\AJ
Sample : Q1382-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

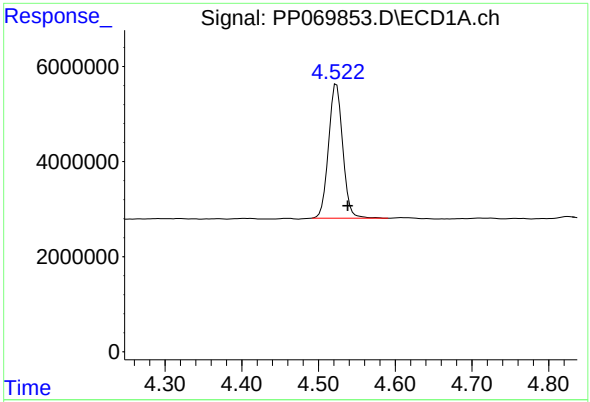
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:28:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



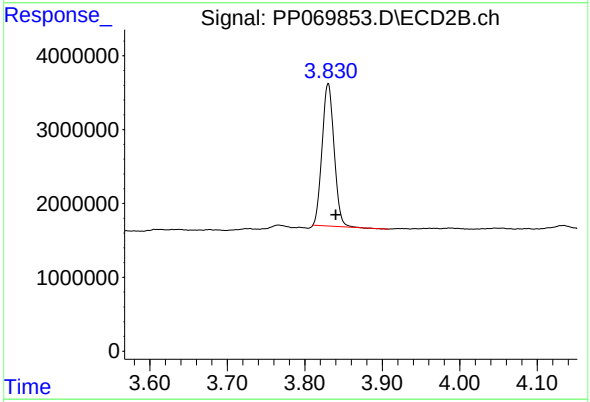




#1 Tetrachloro-m-xylene

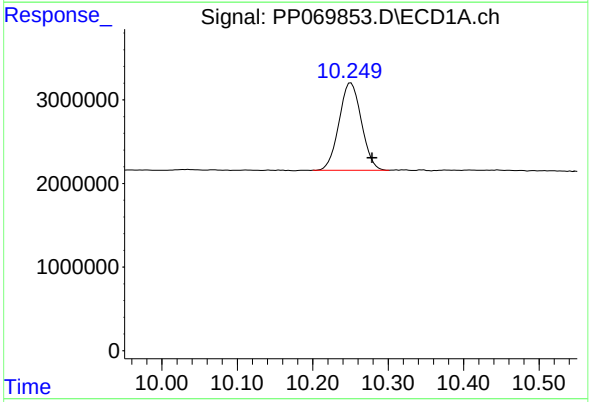
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36201481
Conc: 25.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



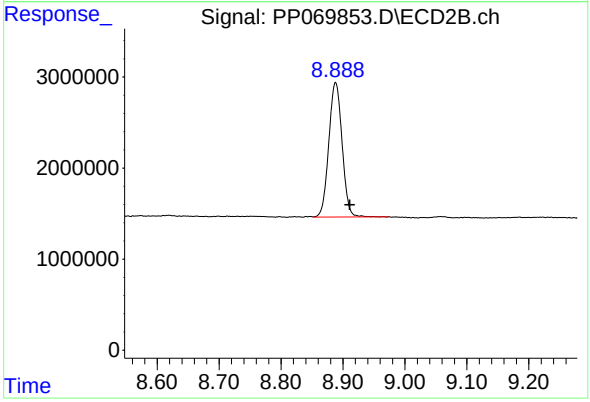
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20741952
Conc: 23.24 ng/ml



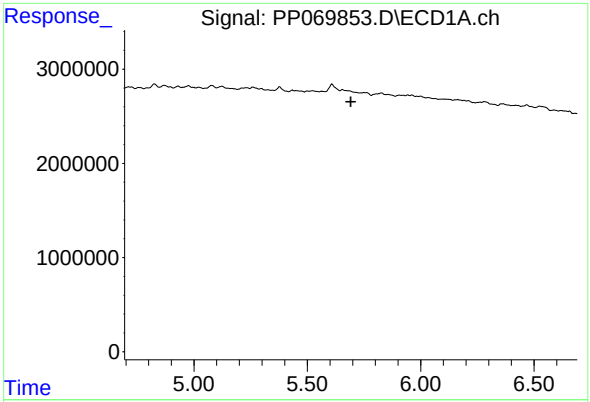
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.028 min
Response: 21587474
Conc: 19.75 ng/ml



#2 Decachlorobiphenyl

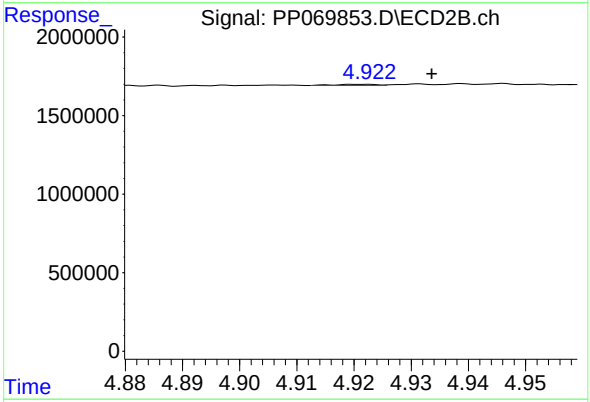
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 22015312
Conc: 19.68 ng/ml



#3 AR-1016-1

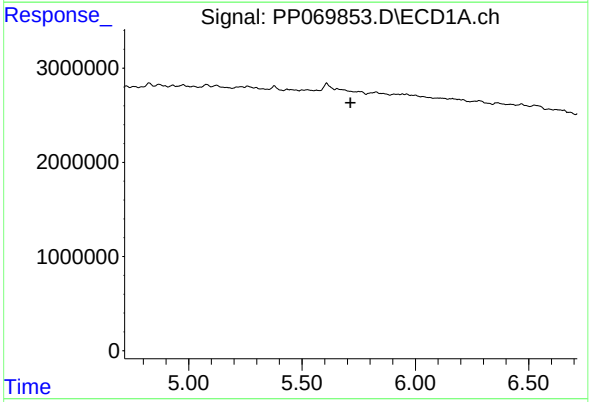
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



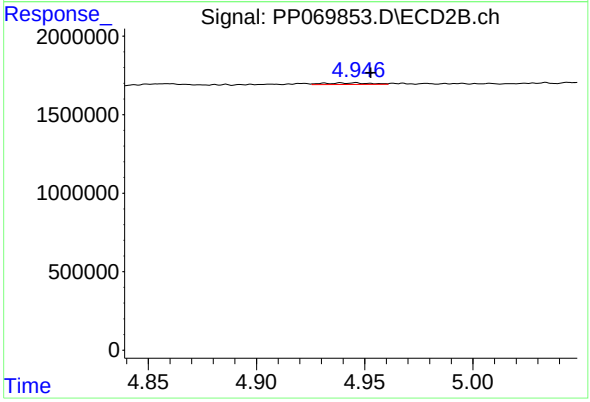
#3 AR-1016-1

R.T.: 4.921 min
Delta R.T.: -0.012 min
Response: 40266
Conc: 1.23 ng/ml



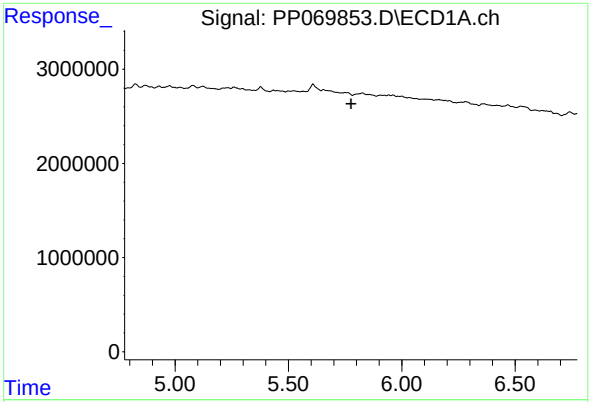
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

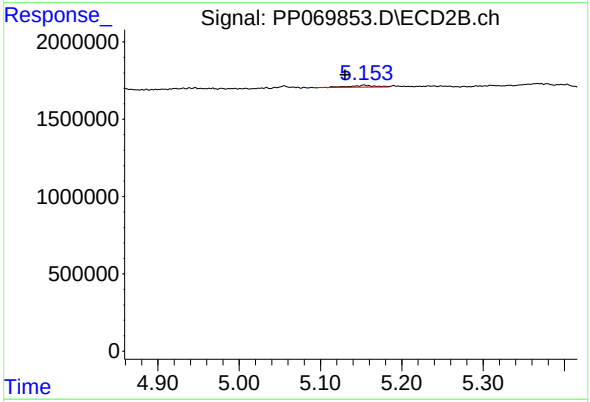
R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 145992
Conc: 3.25 ng/ml



#5 AR-1016-3

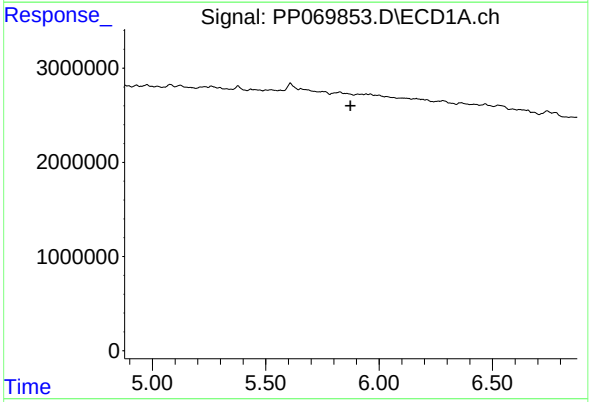
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



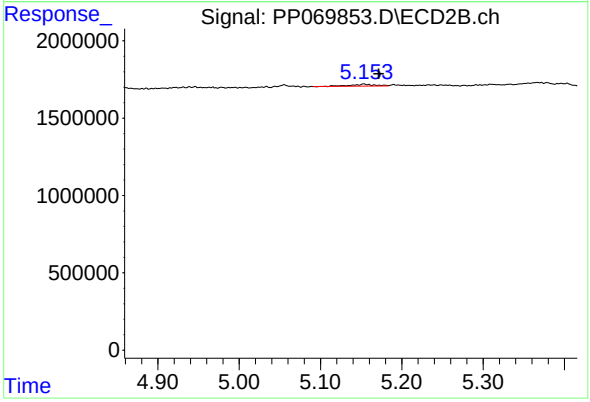
#5 AR-1016-3

R.T.: 5.153 min
Delta R.T.: 0.023 min
Response: 256137
Conc: 10.29 ng/ml



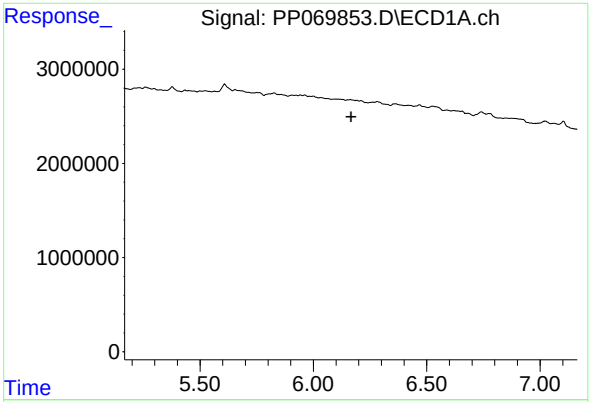
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

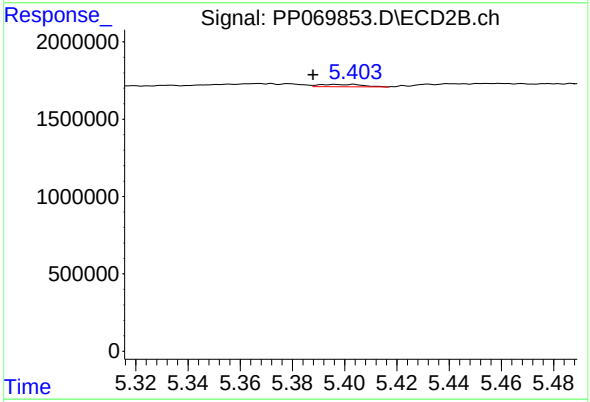
R.T.: 5.153 min
Delta R.T.: -0.018 min
Response: 256137
Conc: 12.68 ng/ml



#7 AR-1016-5

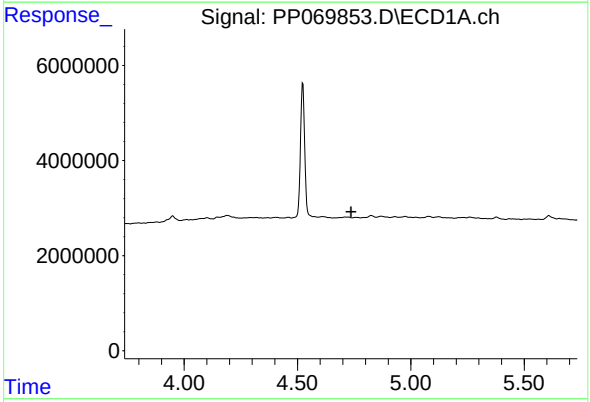
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



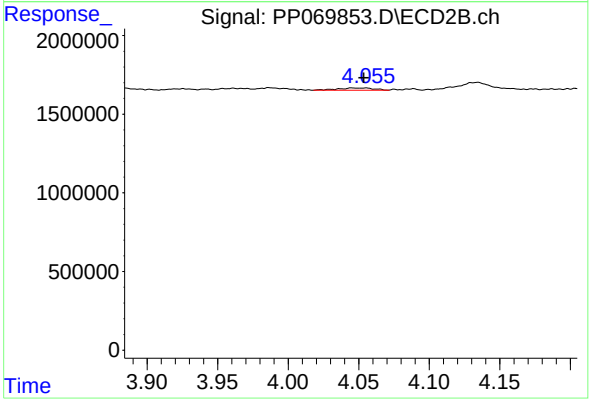
#7 AR-1016-5

R.T.: 5.403 min
Delta R.T.: 0.015 min
Response: 175738
Conc: 6.55 ng/ml



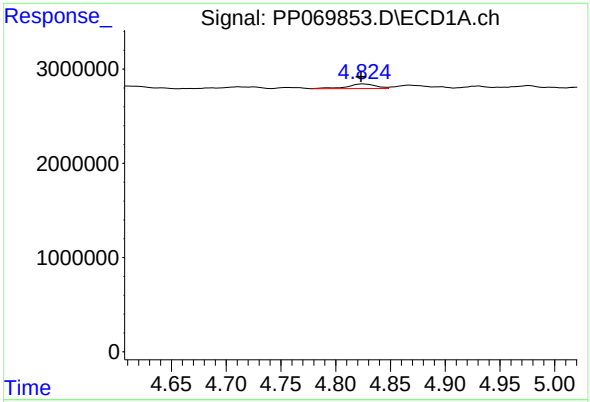
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

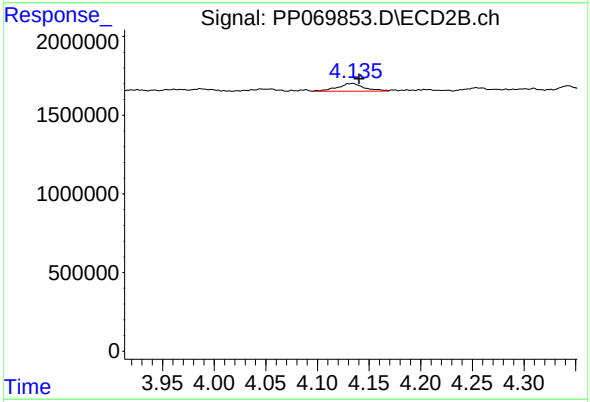
R.T.: 4.055 min
Delta R.T.: 0.002 min
Response: 247211
Conc: 20.07 ng/ml



#9 AR-1221-2

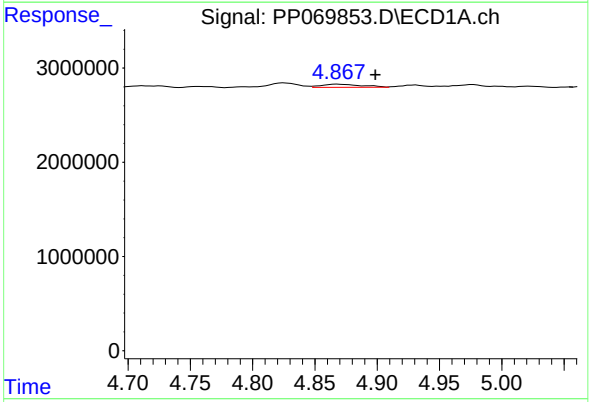
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 890538
Conc: 65.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



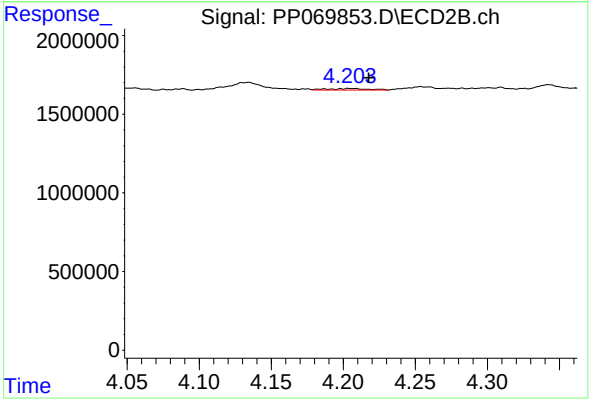
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 888329
Conc: 91.74 ng/ml



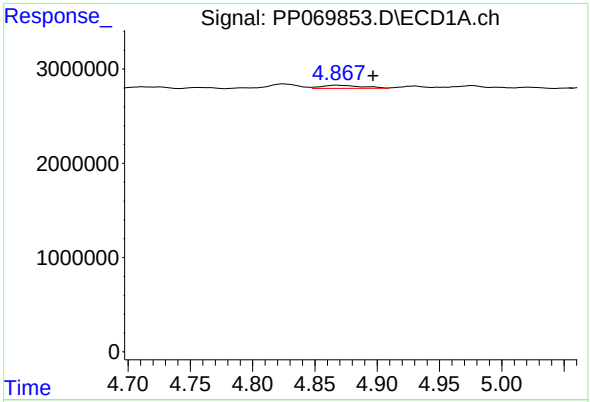
#10 AR-1221-3

R.T.: 4.868 min
Delta R.T.: -0.030 min
Response: 743658
Conc: 17.73 ng/ml



#10 AR-1221-3

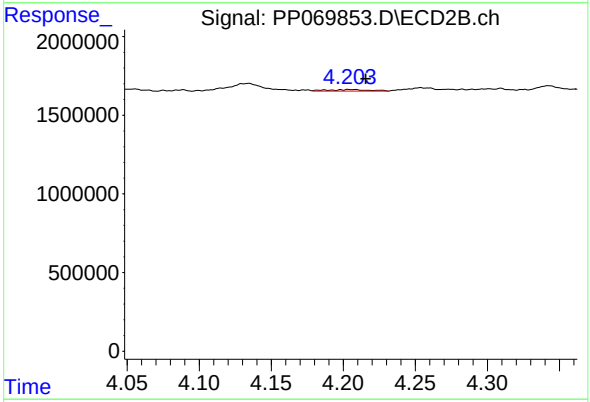
R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 201511
Conc: 6.91 ng/ml



#11 AR-1232-1

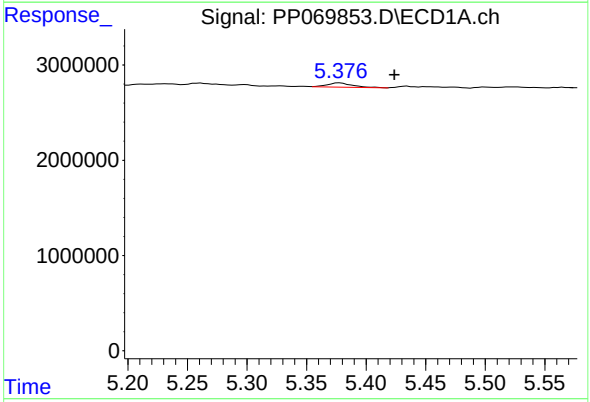
R.T.: 4.868 min
Delta R.T.: -0.028 min
Response: 743658
Conc: 22.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



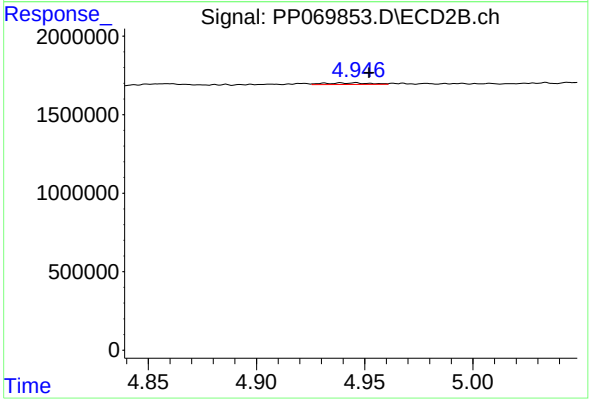
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.012 min
Response: 201511
Conc: 8.58 ng/ml



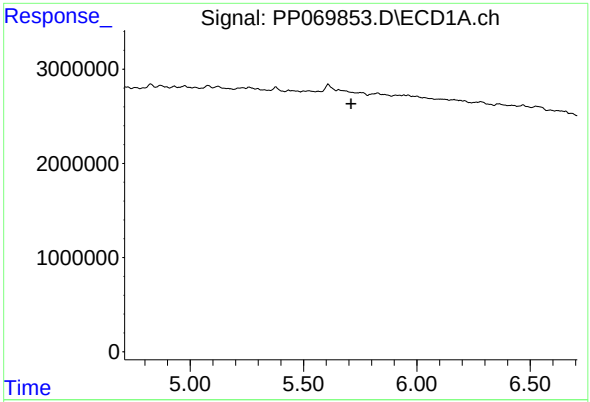
#12 AR-1232-2

R.T.: 5.378 min
Delta R.T.: -0.046 min
Response: 650866
Conc: 39.83 ng/ml



#12 AR-1232-2

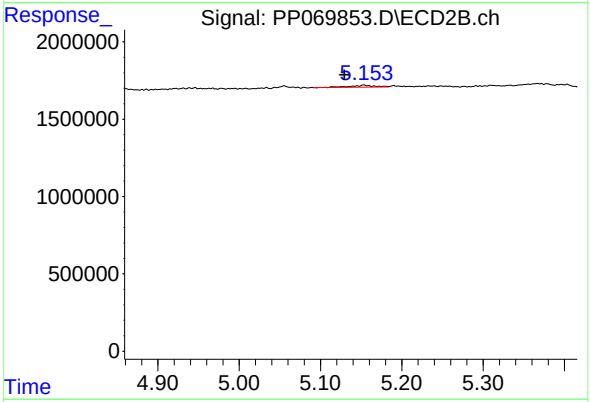
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 145992
Conc: 6.19 ng/ml



#13 AR-1232-3

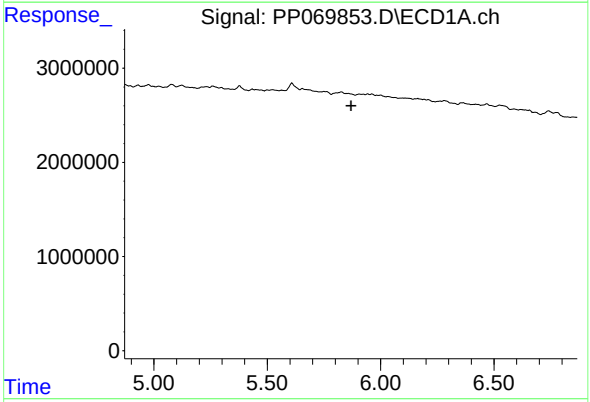
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



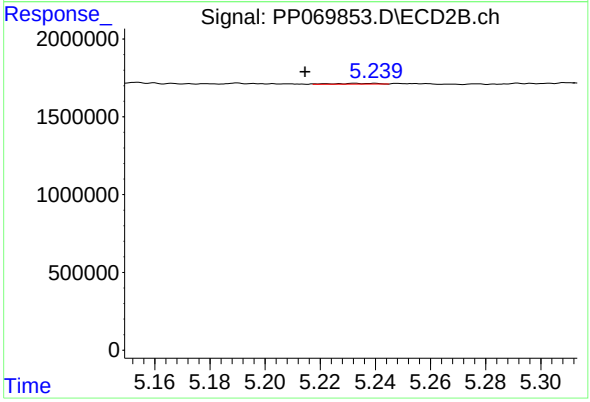
#13 AR-1232-3

R.T.: 5.153 min
Delta R.T.: 0.024 min
Response: 256137
Conc: 19.78 ng/ml



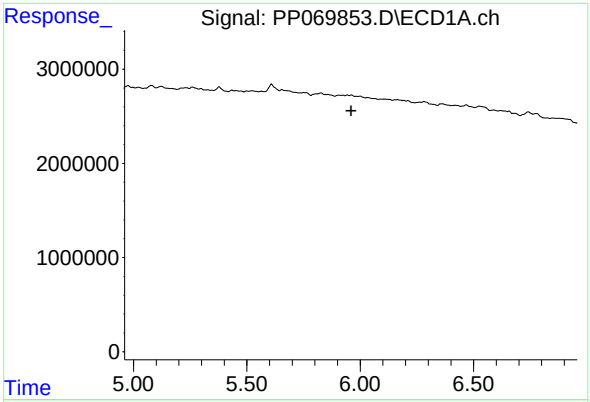
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

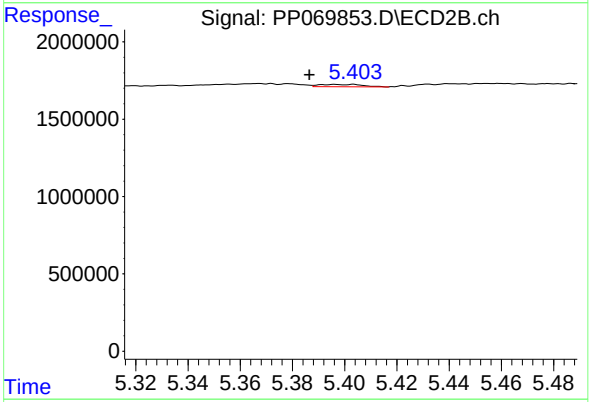
R.T.: 5.233 min
Delta R.T.: 0.018 min
Response: 51672
Conc: 4.66 ng/ml



#15 AR-1232-5

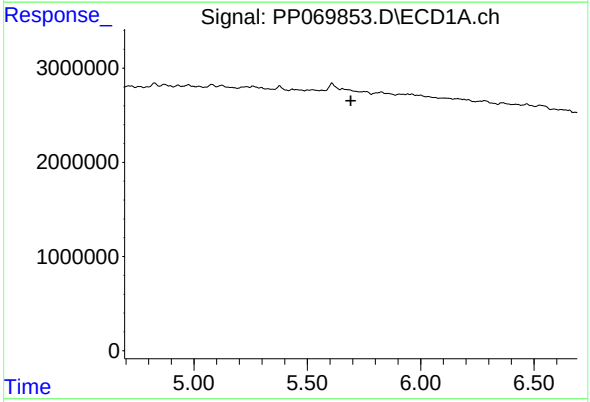
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



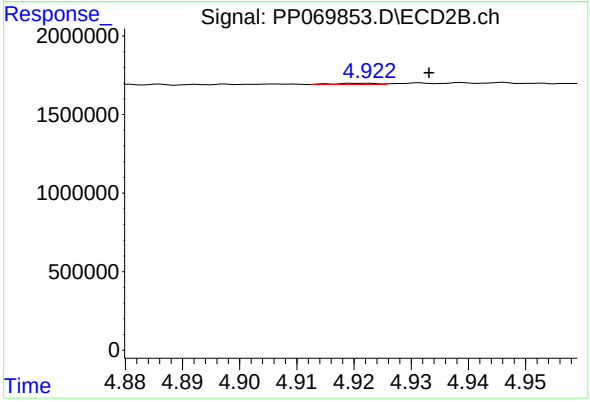
#15 AR-1232-5

R.T.: 5.403 min
Delta R.T.: 0.017 min
Response: 175738
Conc: 14.39 ng/ml



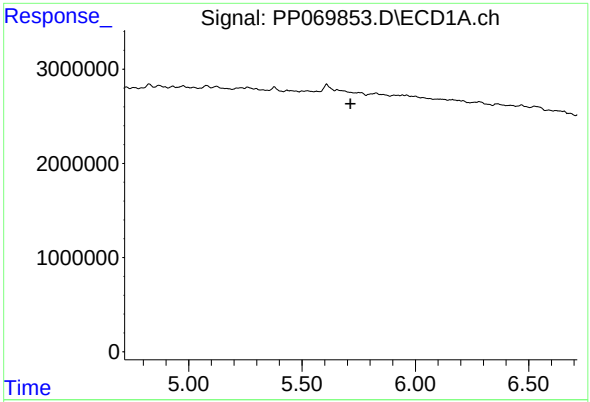
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

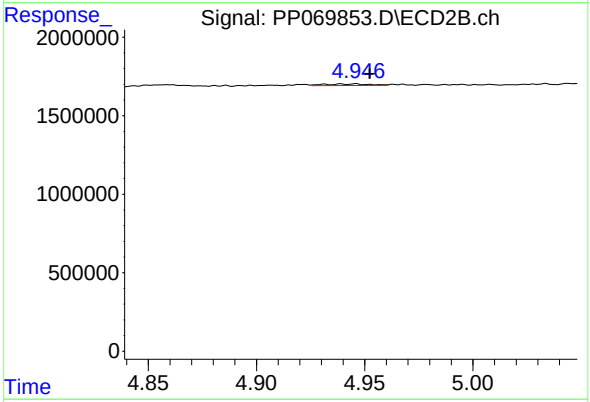
R.T.: 4.921 min
Delta R.T.: -0.012 min
Response: 40266
Conc: 1.40 ng/ml



#17 AR-1242-2

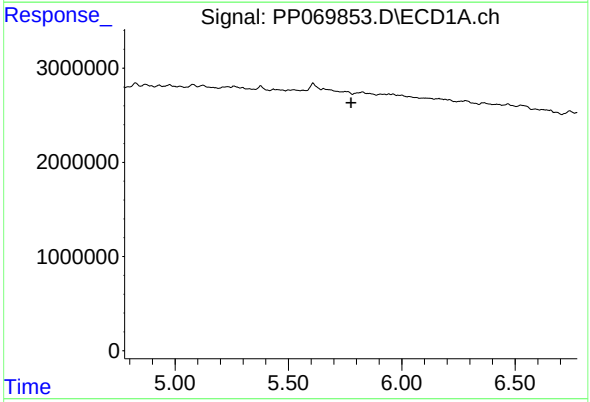
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



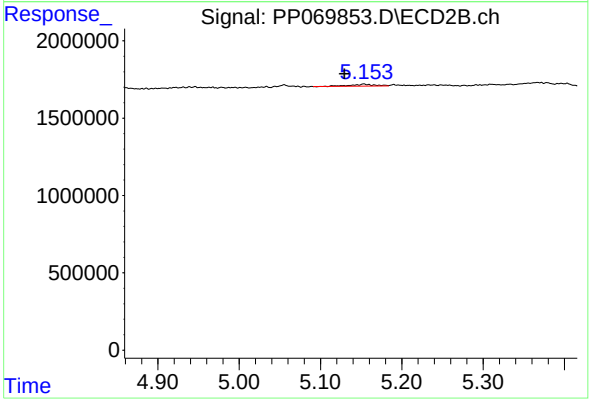
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 145992
Conc: 3.71 ng/ml



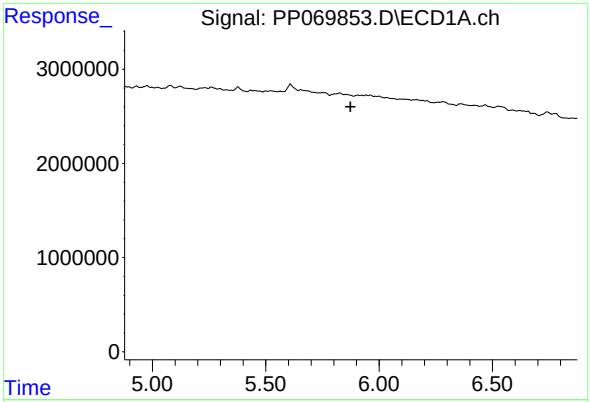
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

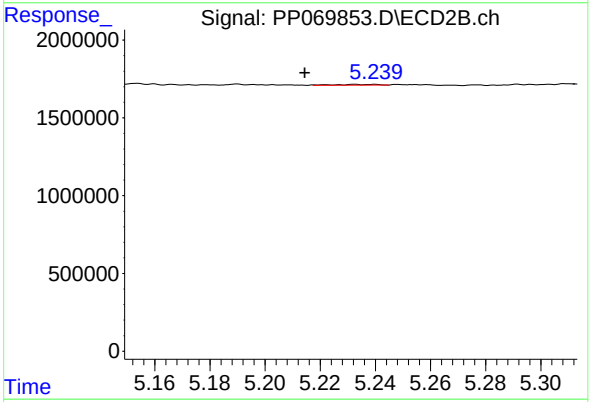
R.T.: 5.153 min
Delta R.T.: 0.024 min
Response: 256137
Conc: 11.38 ng/ml



#19 AR-1242-4

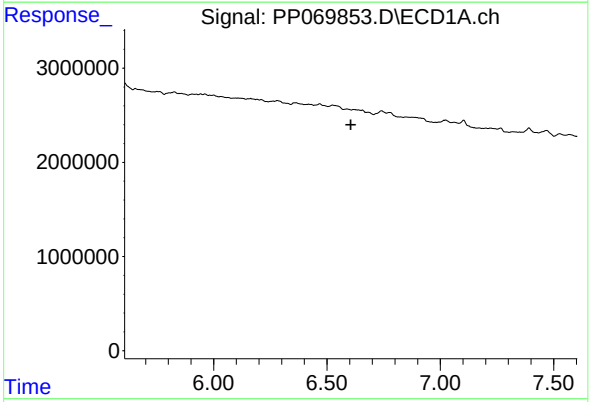
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



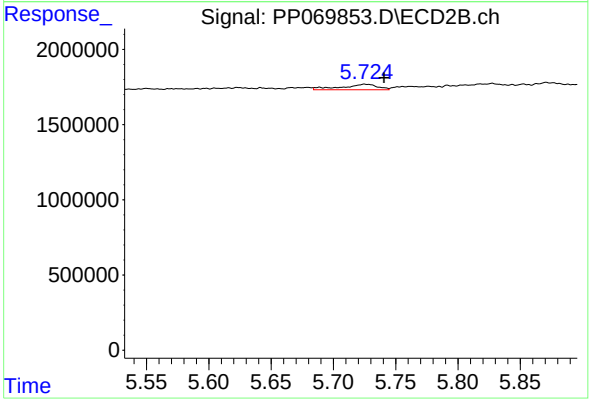
#19 AR-1242-4

R.T.: 5.233 min
Delta R.T.: 0.018 min
Response: 51672
Conc: 2.39 ng/ml



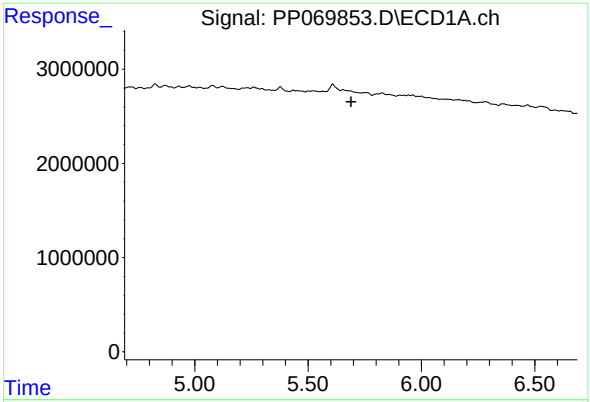
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

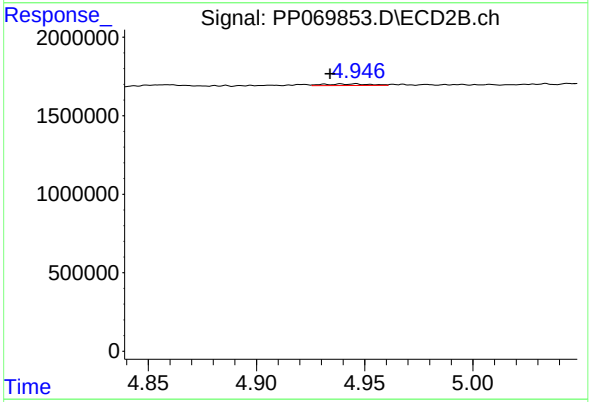
R.T.: 5.725 min
Delta R.T.: -0.015 min
Response: 741145
Conc: 25.76 ng/ml



#21 AR-1248-1

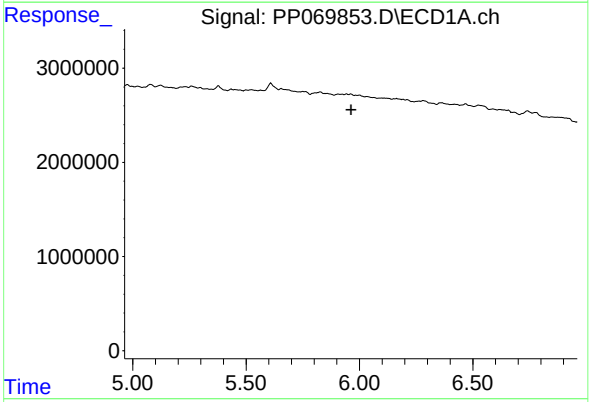
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



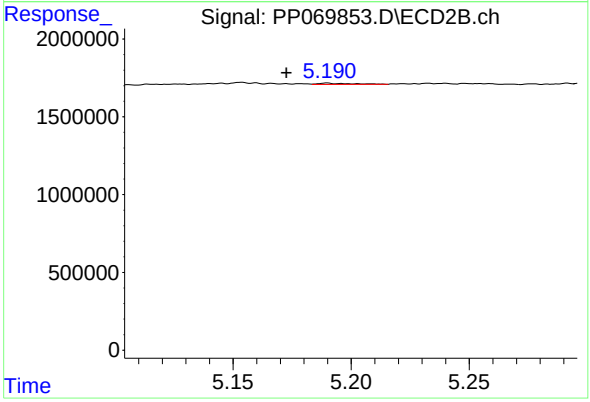
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: 0.012 min
Response: 145992
Conc: 6.63 ng/ml



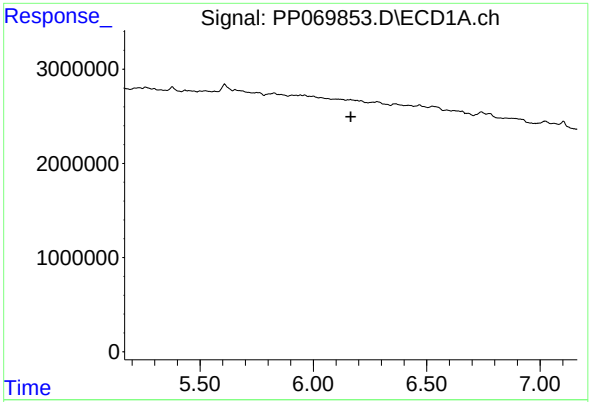
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

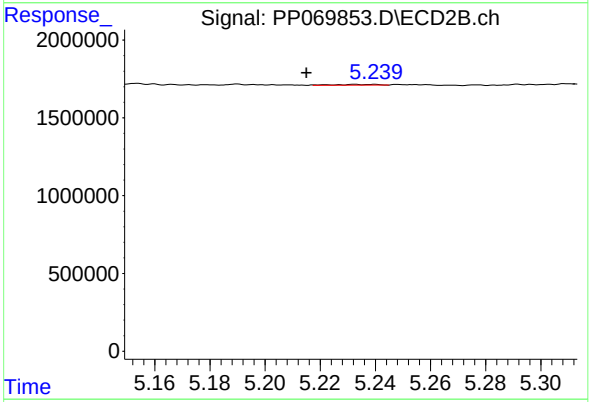
R.T.: 5.190 min
Delta R.T.: 0.017 min
Response: 77867
Conc: 2.59 ng/ml



#23 AR-1248-3

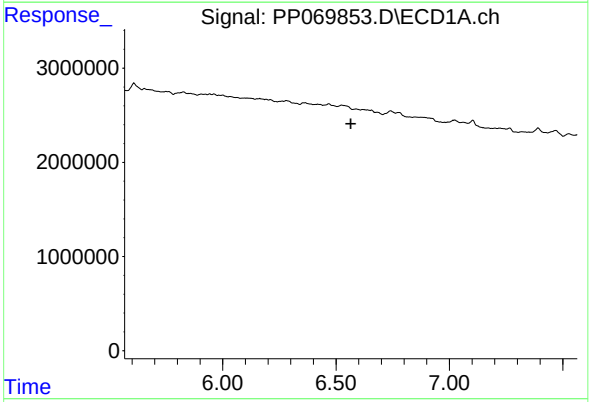
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



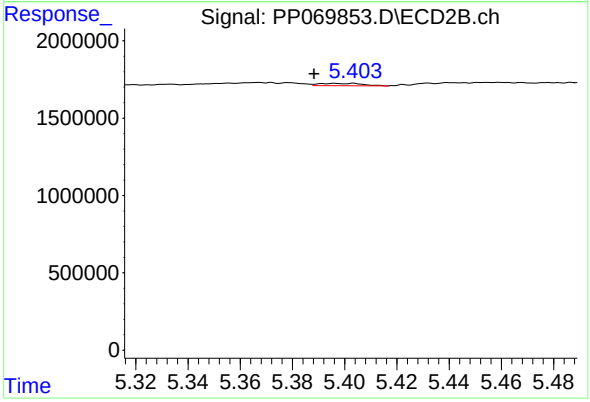
#23 AR-1248-3

R.T.: 5.233 min
Delta R.T.: 0.018 min
Response: 51672
Conc: 1.67 ng/ml



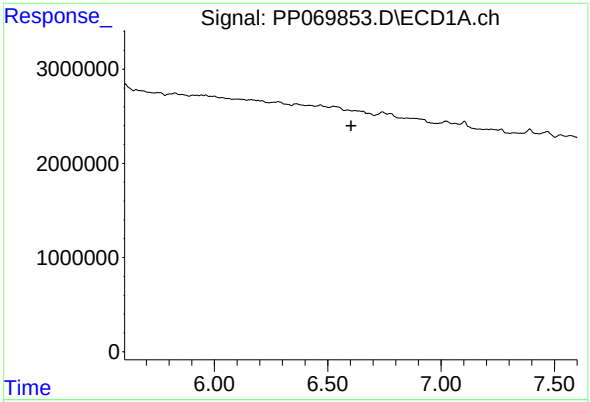
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

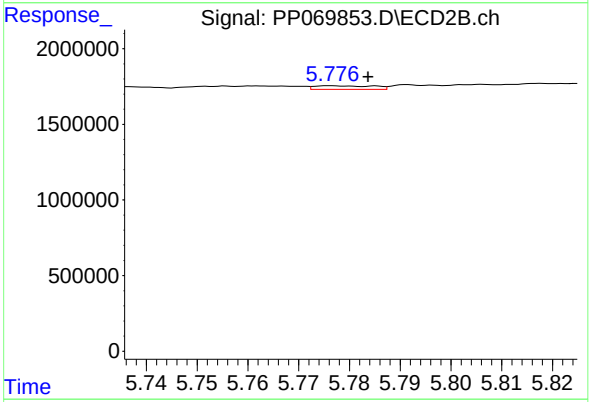
R.T.: 5.403 min
Delta R.T.: 0.015 min
Response: 175738
Conc: 4.76 ng/ml



#25 AR-1248-5

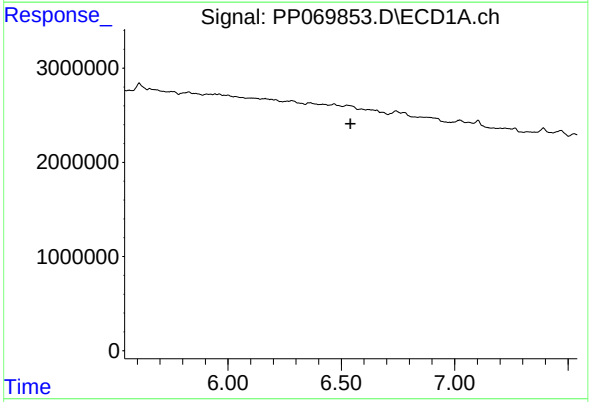
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



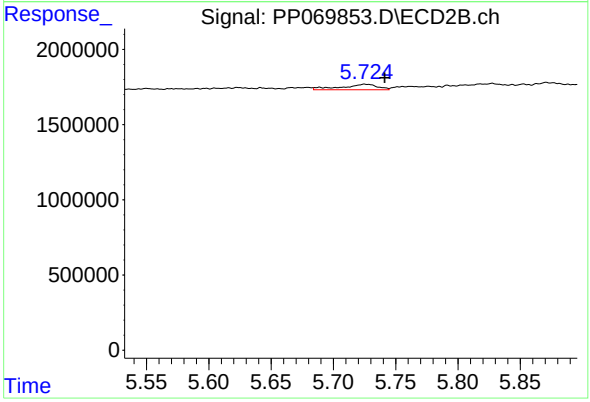
#25 AR-1248-5

R.T.: 5.776 min
Delta R.T.: -0.007 min
Response: 193732
Conc: 5.18 ng/ml



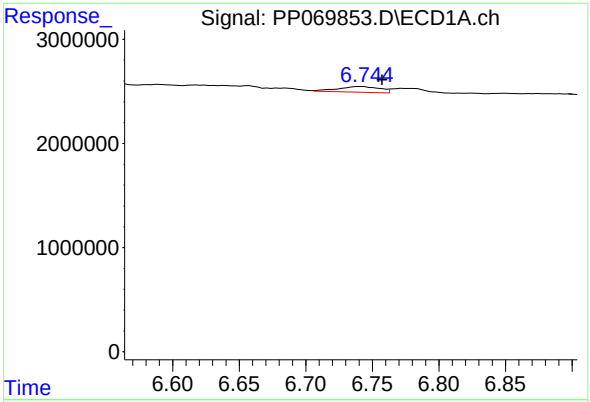
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

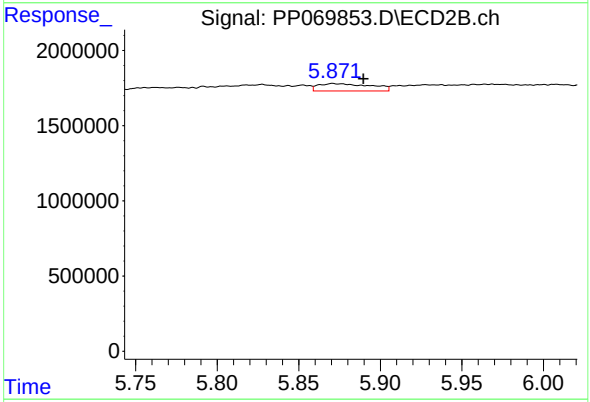
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 741145
Conc: 13.46 ng/ml



#27 AR-1254-2

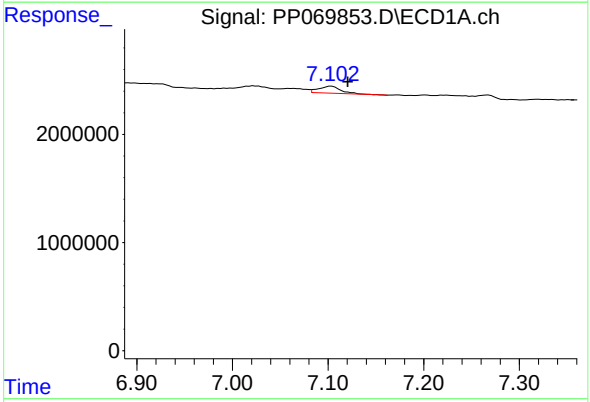
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 1201876
Conc: 14.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



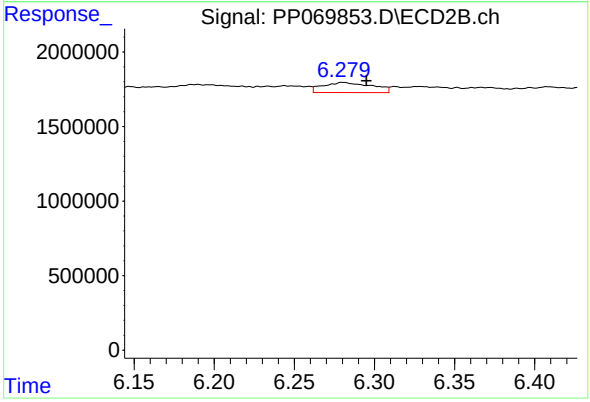
#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.019 min
Response: 1106219
Conc: 22.87 ng/ml



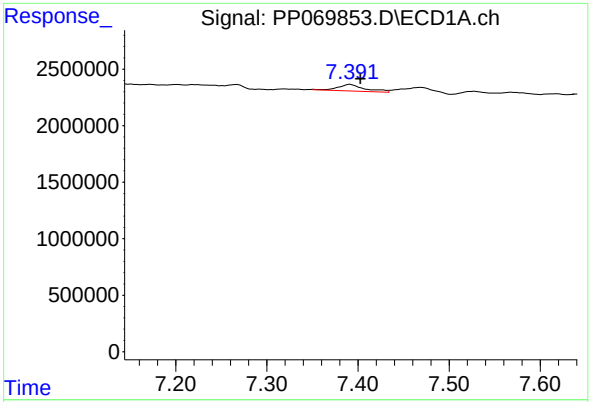
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.017 min
Response: 1081628
Conc: 12.83 ng/ml



#28 AR-1254-3

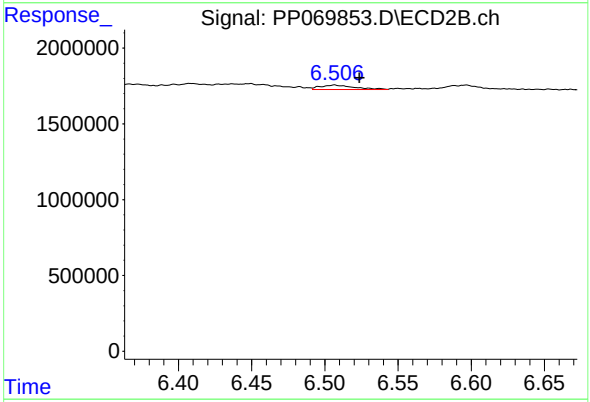
R.T.: 6.280 min
Delta R.T.: -0.014 min
Response: 1444698
Conc: 19.04 ng/ml



#29 AR-1254-4

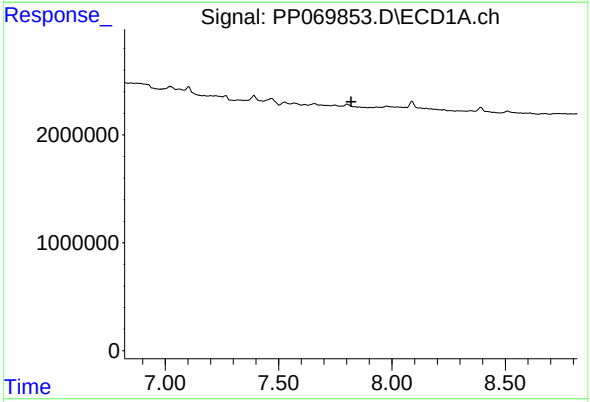
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 1161223
Conc: 17.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



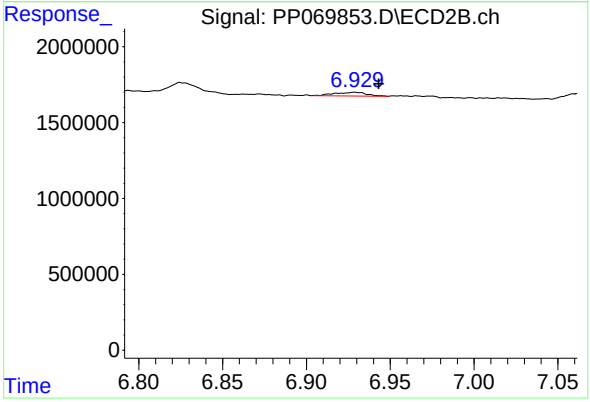
#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.017 min
Response: 483242
Conc: 9.43 ng/ml



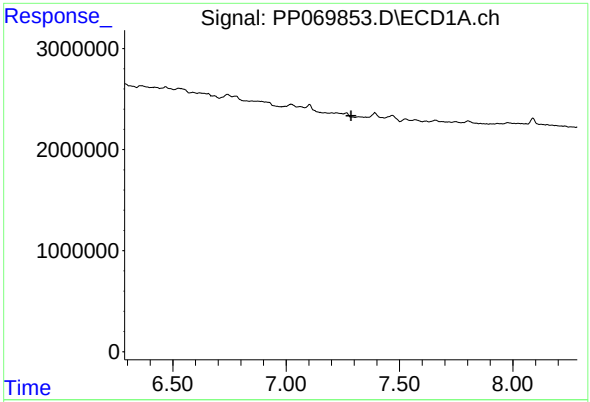
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

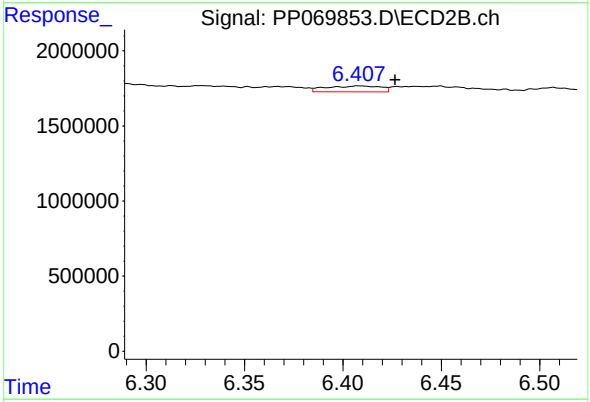
R.T.: 6.929 min
Delta R.T.: -0.014 min
Response: 319586
Conc: 4.80 ng/ml



#31 AR-1260-1

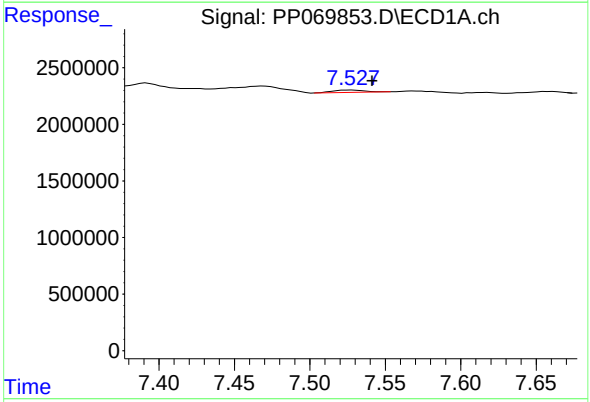
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



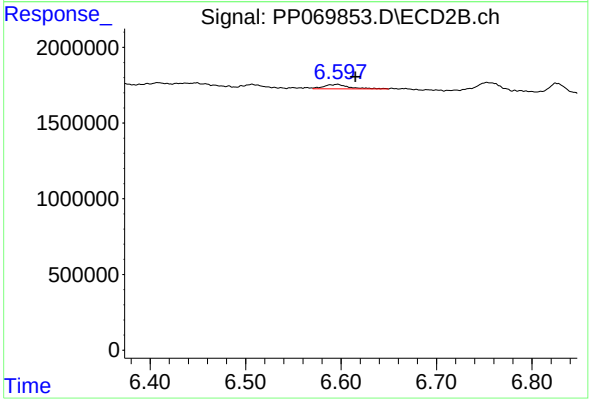
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: -0.018 min
Response: 757387
Conc: 15.70 ng/ml



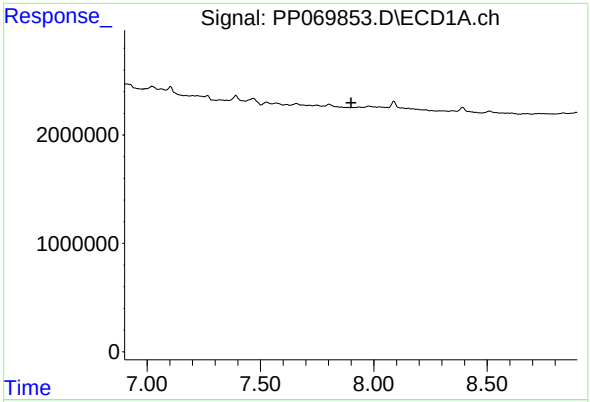
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.013 min
Response: 302387
Conc: 3.89 ng/ml



#32 AR-1260-2

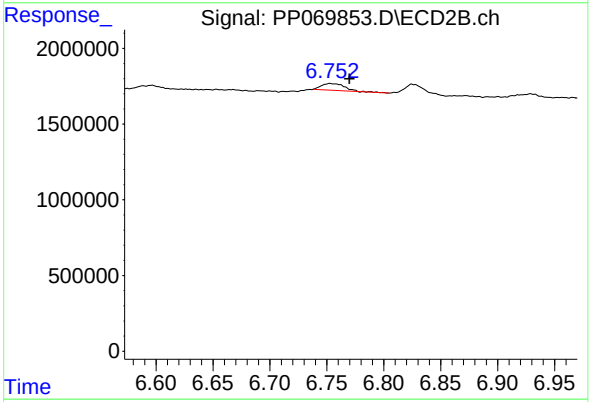
R.T.: 6.596 min
Delta R.T.: -0.019 min
Response: 537773
Conc: 8.77 ng/ml



#33 AR-1260-3

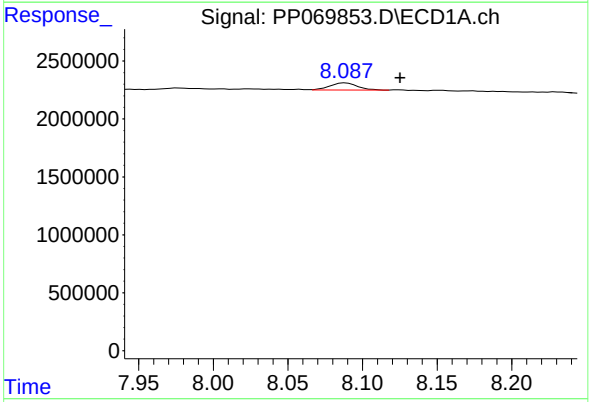
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



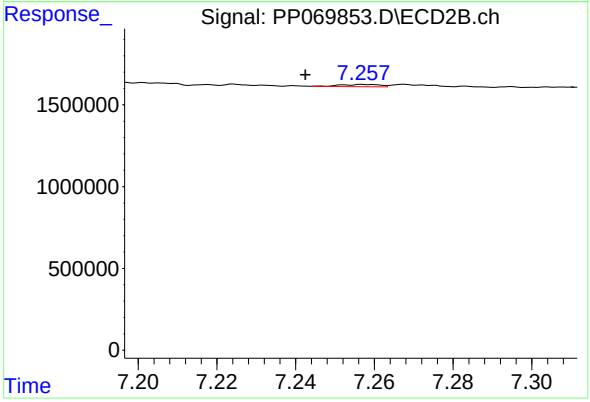
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 636627
Conc: 10.58 ng/ml



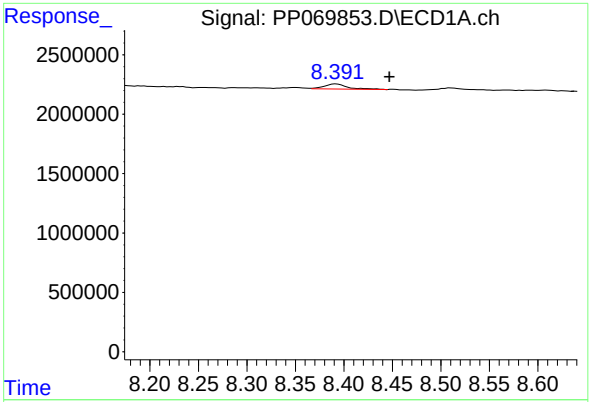
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.036 min
Response: 801792
Conc: 12.15 ng/ml



#34 AR-1260-4

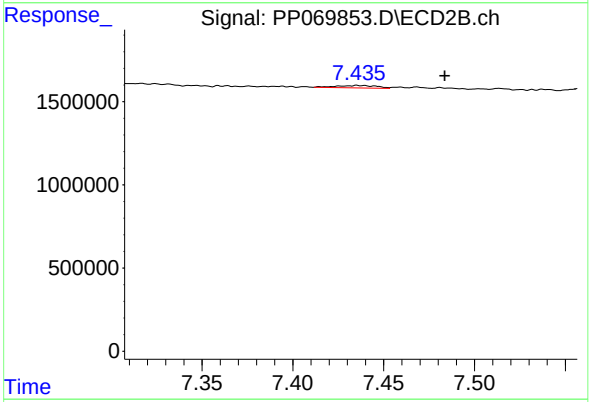
R.T.: 7.258 min
Delta R.T.: 0.015 min
Response: 101410
Conc: 2.18 ng/ml



#35 AR-1260-5

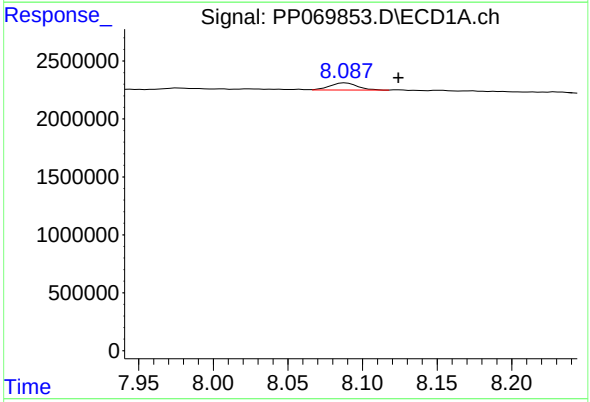
R.T.: 8.392 min
Delta R.T.: -0.055 min
Response: 709772
Conc: 5.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



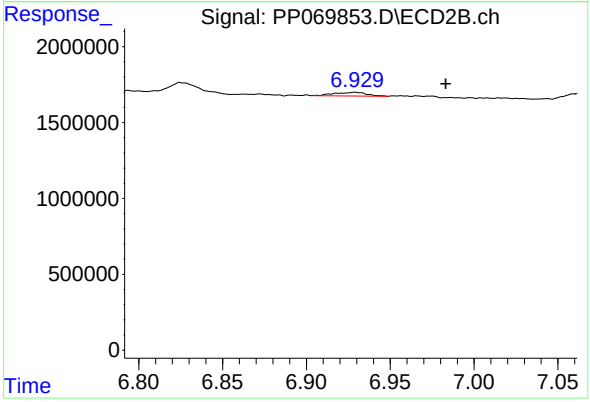
#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.048 min
Response: 224186
Conc: 2.02 ng/ml



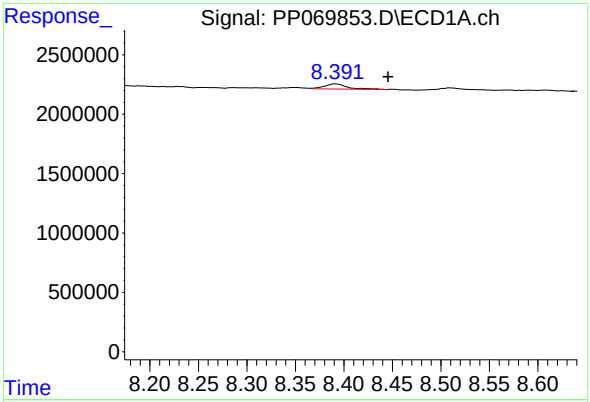
#36 AR-1262-1

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 801792
Conc: 10.15 ng/ml



#36 AR-1262-1

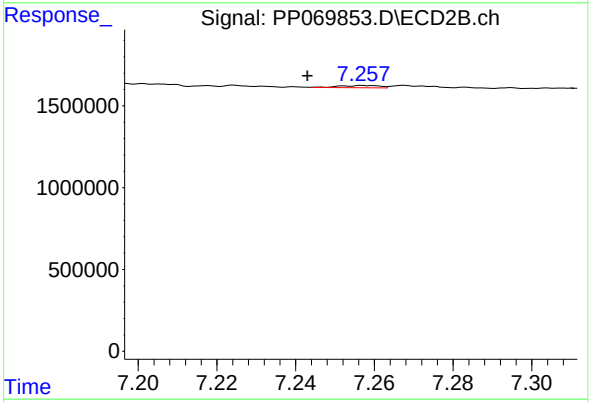
R.T.: 6.929 min
Delta R.T.: -0.054 min
Response: 319586
Conc: 4.50 ng/ml



#37 AR-1262-2

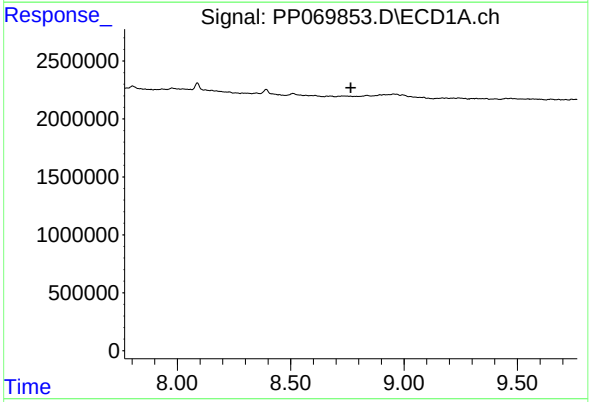
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 709772
Conc: 4.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



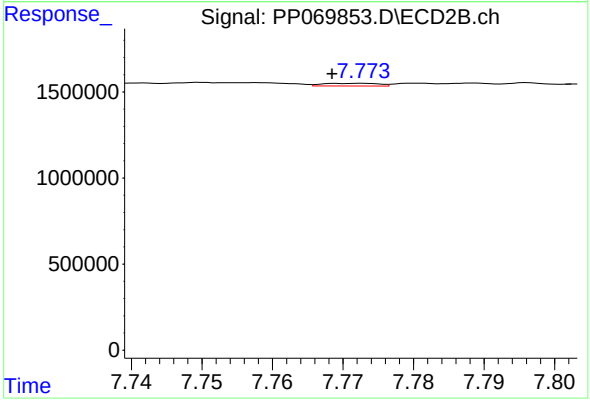
#37 AR-1262-2

R.T.: 7.258 min
Delta R.T.: 0.015 min
Response: 101410
Conc: 1.66 ng/ml



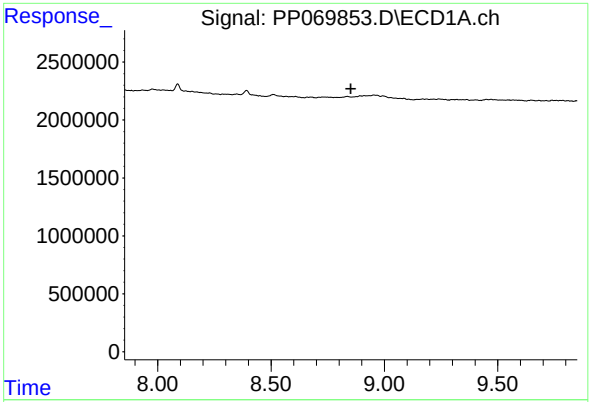
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

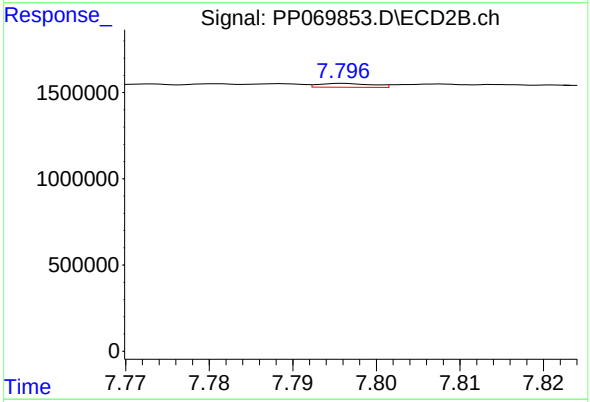
R.T.: 7.772 min
Delta R.T.: 0.004 min
Response: 87031
Conc: 1.66 ng/ml



#39 AR-1262-4

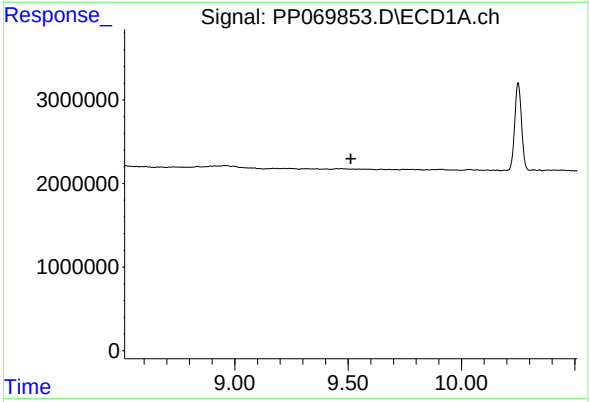
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



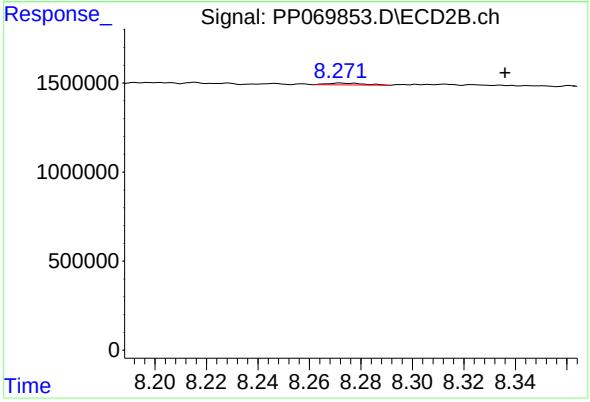
#39 AR-1262-4

R.T.: 7.796 min
Delta R.T.: -0.036 min
Response: 99269
Conc: 1.07 ng/ml



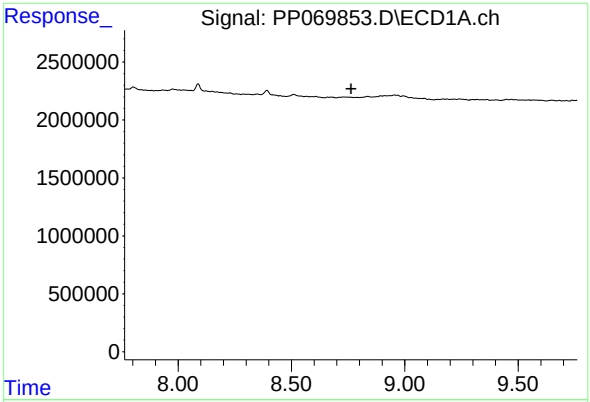
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

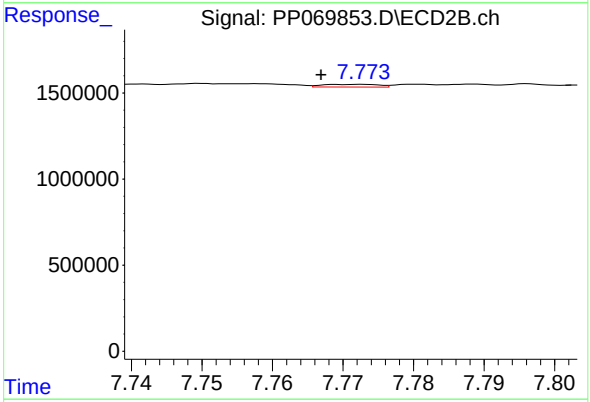
R.T.: 8.272 min
Delta R.T.: -0.064 min
Response: 98885
Conc: 2.07 ng/ml



#41 AR-1268-1

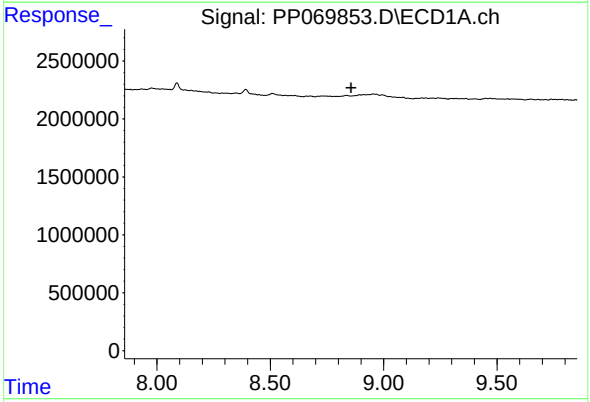
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



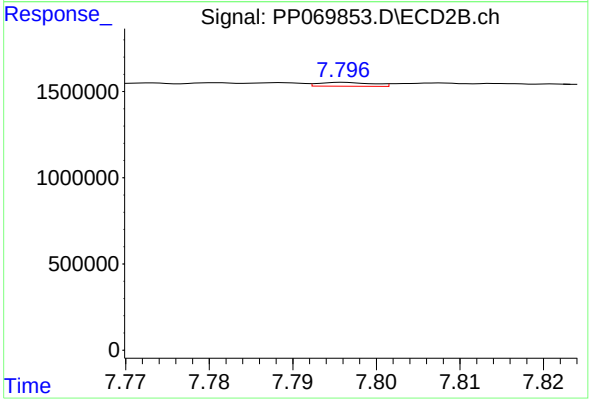
#41 AR-1268-1

R.T.: 7.772 min
Delta R.T.: 0.005 min
Response: 87031
Conc: 0.60 ng/ml



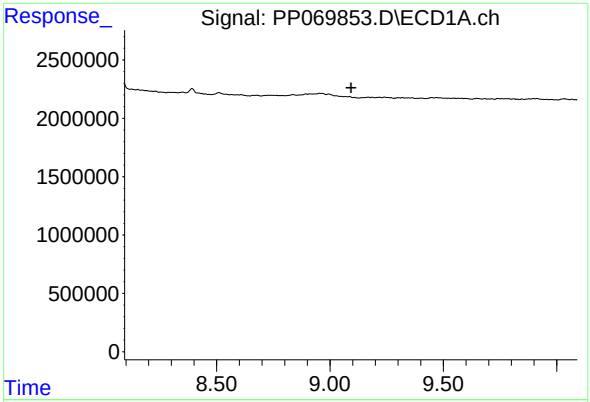
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

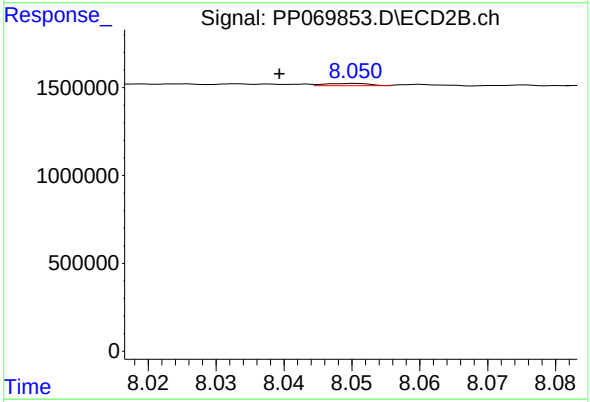
R.T.: 7.796 min
Delta R.T.: -0.036 min
Response: 99269
Conc: 0.75 ng/ml



#43 AR-1268-3

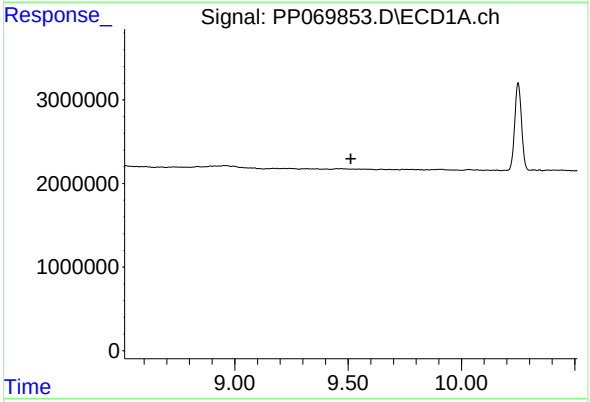
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



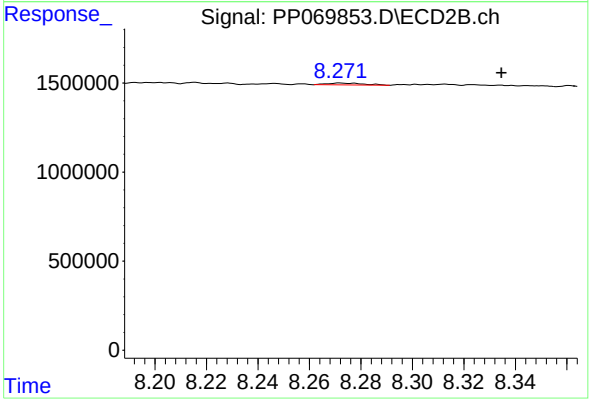
#43 AR-1268-3

R.T.: 8.050 min
Delta R.T.: 0.011 min
Response: 59782
Conc: 0.53 ng/ml



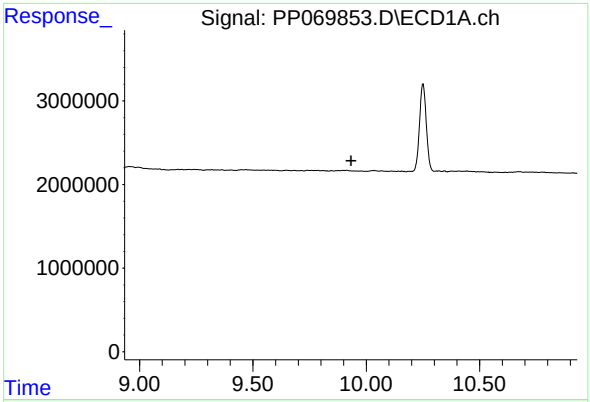
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

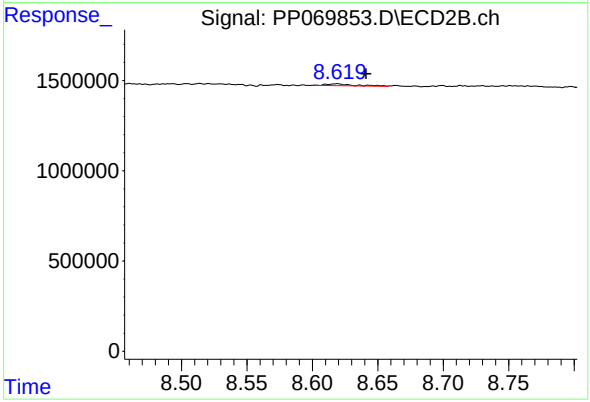
R.T.: 8.272 min
Delta R.T.: -0.062 min
Response: 98885
Conc: 1.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-08-021725



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 152327
Conc: 0.43 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:40
Operator : YP\AJ
Sample : Q1382-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	34729947	20495400	24.262	22.963	
2)	SA Decachlor...	10.253	8.888	21825769	22779523	19.971	20.366	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.939	0	108610	N.D.	3.330	#
4)	L1 AR-1016-2	0.000	4.952	0	143326	N.D.	3.188	#
5)	L1 AR-1016-3	0.000	5.162	0	252310	N.D.	10.139	#
6)	L1 AR-1016-4	0.000	5.162	0	252310	N.D.	12.493	#
7)	L1 AR-1016-5	0.000	5.398	0	102430	N.D.	3.819	#
8)	L2 AR-1221-1	0.000	4.045	0	165956	N.D.	13.473	#
9)	L2 AR-1221-2	4.830	4.132	716378	709592	52.319	73.279	#
10)	L2 AR-1221-3	4.830f	4.211	716378	229339	17.080	7.861	#
11)	L3 AR-1232-1	4.830f	4.211	716378	229339	21.517	9.768	#
12)	L3 AR-1232-2	5.381f	4.952	550994	143326	33.716	6.080	#
13)	L3 AR-1232-3	0.000	5.162	0	252310	N.D.	19.488	#
14)	L3 AR-1232-4	0.000	5.223	0	34102	N.D.	3.076	#
15)	L3 AR-1232-5	0.000	5.398	0	102430	N.D.	8.389	#
16)	L4 AR-1242-1	0.000	4.939	0	108610	N.D.	3.767	#
17)	L4 AR-1242-2	0.000	4.952	0	143326	N.D.	3.638	#
18)	L4 AR-1242-3	0.000	5.162	0	252310	N.D.	11.212	#
19)	L4 AR-1242-4	0.000	5.223	0	34102	N.D.	1.580	#
20)	L4 AR-1242-5	0.000	5.728	0	1201919	N.D.	41.779	#
21)	L5 AR-1248-1	0.000	4.939	0	108610	N.D.	4.934	#
22)	L5 AR-1248-2	0.000	5.162	0	252310	N.D.	8.392	#
23)	L5 AR-1248-3	0.000	5.223	0	34102	N.D.	1.101	#
24)	L5 AR-1248-4	6.526f	5.398	773899	102430	14.040	2.773	#
25)	L5 AR-1248-5	0.000	5.765	0	527197	N.D.	14.100	#
26)	L6 AR-1254-1	6.526	5.728	773899	1201919	13.375	21.831	#
27)	L6 AR-1254-2	6.744	5.877	1474866	1459080	18.380	30.166	#
28)	L6 AR-1254-3	0.000	6.280	0	1707939	N.D.	22.504	#
29)	L6 AR-1254-4	7.389	6.507	783751	648649	11.494	12.657	
30)	L6 AR-1254-5	7.806	6.927	539813	535840	7.933	8.050	
31)	L7 AR-1260-1	0.000	6.412	0	655878	N.D.	13.599	#
32)	L7 AR-1260-2	0.000	6.598	0	407785	N.D.	6.652	#
33)	L7 AR-1260-3	0.000	6.755	0	683896	N.D.	11.369	#
34)	L7 AR-1260-4	8.090f	7.263	931410	132791	14.117	2.858	#
35)	L7 AR-1260-5	8.394f	7.430f	443968	243979	3.391	2.195	#
36)	L8 AR-1262-1	8.090	6.927f	931410	535840	11.787	7.546	#
37)	L8 AR-1262-2	8.394f	7.263	443968	132791	2.903	2.178	
40)	L8 AR-1262-5	0.000	8.337	0	28750	N.D.	0.602	#
44)	L9 AR-1268-4	0.000	8.337	0	28750	N.D.	0.552	#
45)	L9 AR-1268-5	0.000	8.622	0	94163	N.D.	0.264	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:40
Operator : YP\AJ
Sample : Q1382-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

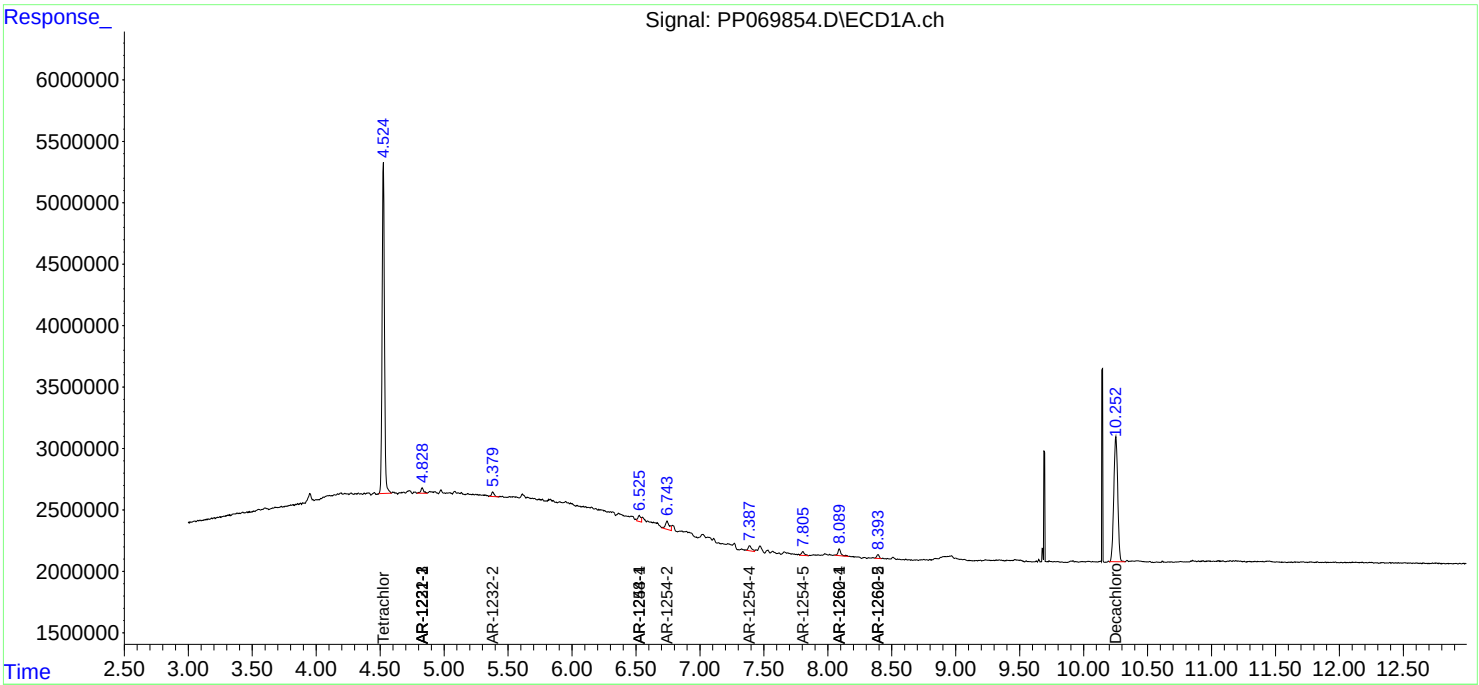
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

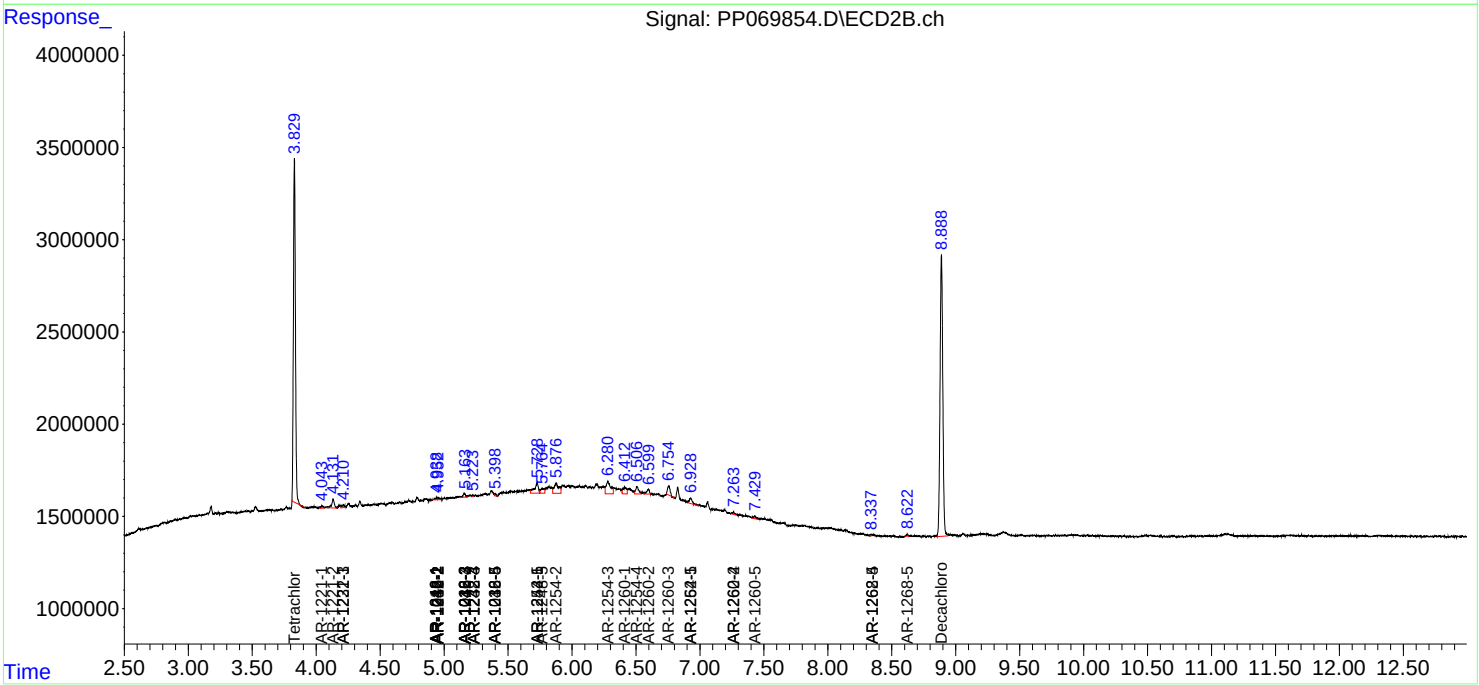
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069854.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:40
Operator : YP\AJ
Sample : Q1382-17
Misc :
ALS Vial : 24 Sample Multiplier: 1

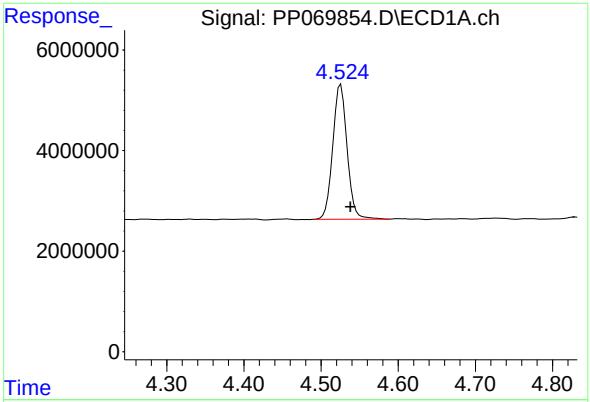
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:28:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



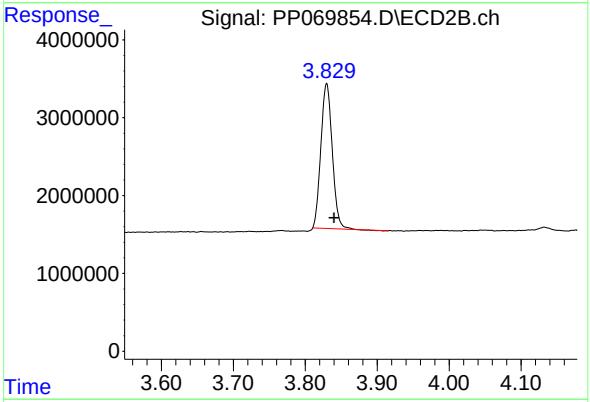




#1 Tetrachloro-m-xylene

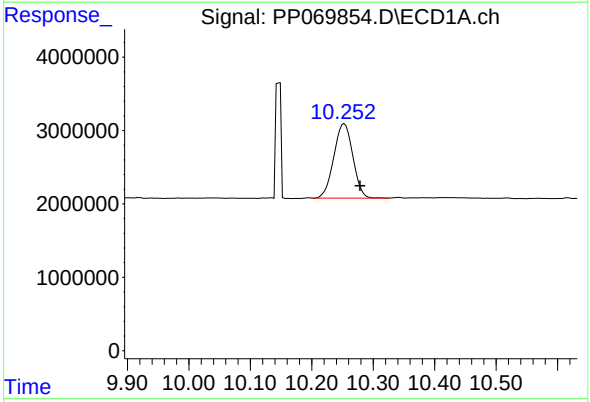
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 34729947
Conc: 24.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



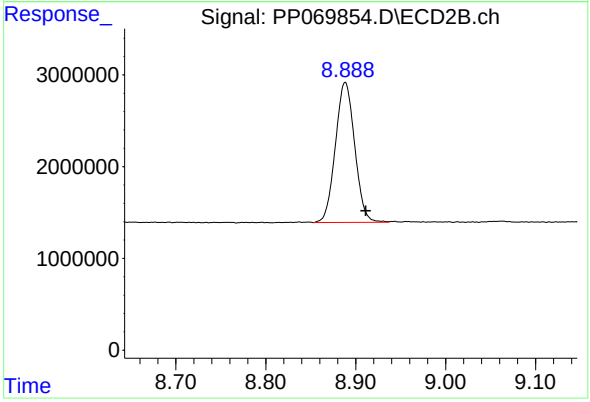
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20495400
Conc: 22.96 ng/ml



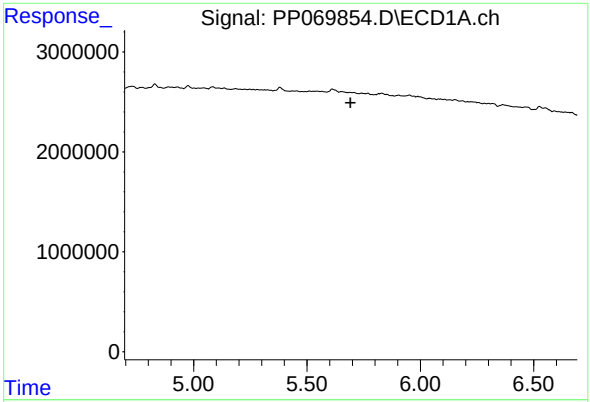
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 21825769
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

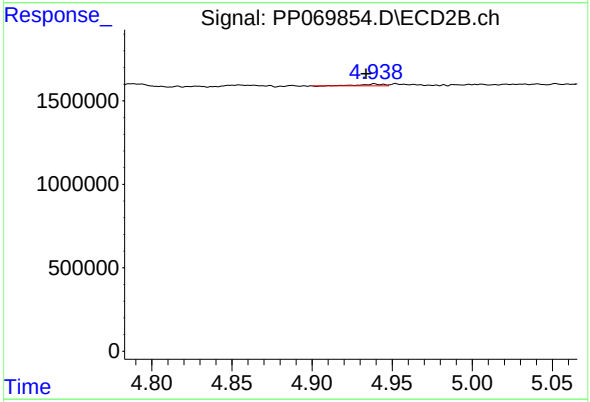
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 22779523
Conc: 20.37 ng/ml



#3 AR-1016-1

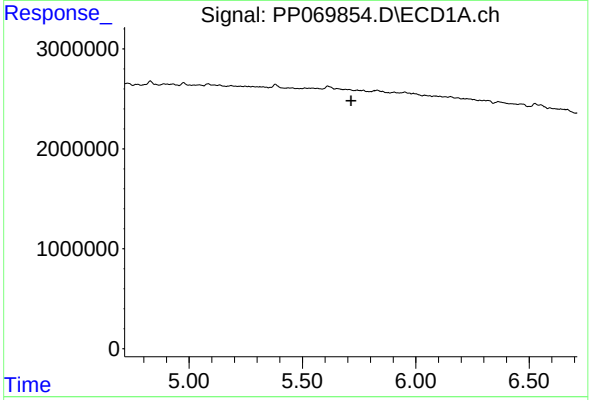
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



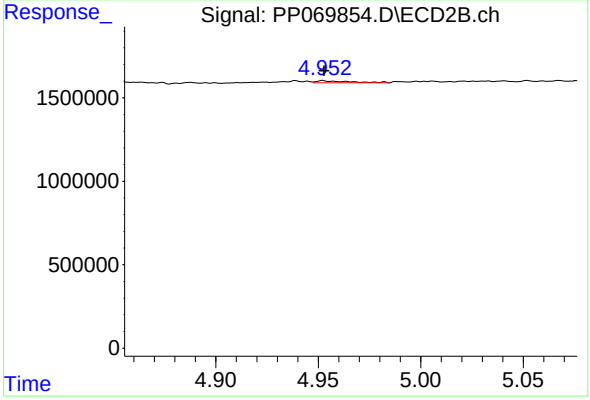
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 108610
Conc: 3.33 ng/ml



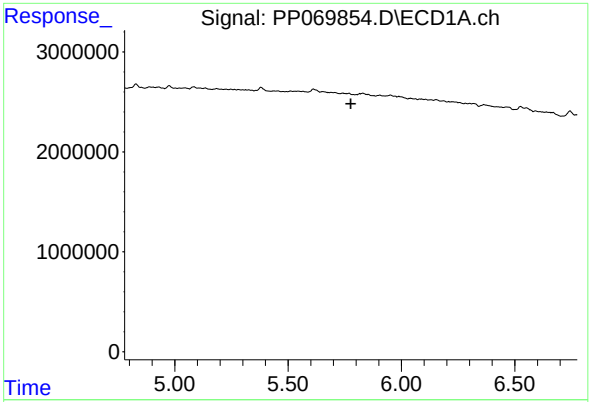
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

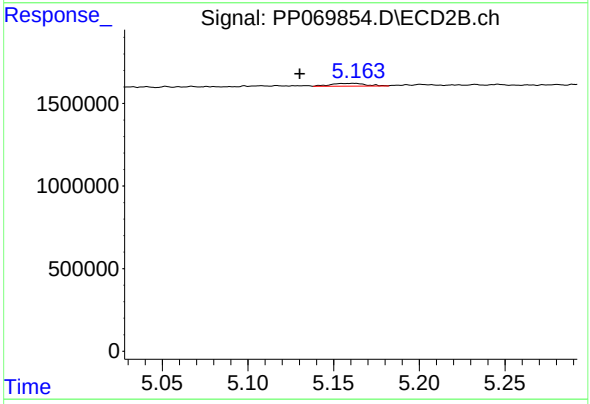
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 143326
Conc: 3.19 ng/ml



#5 AR-1016-3

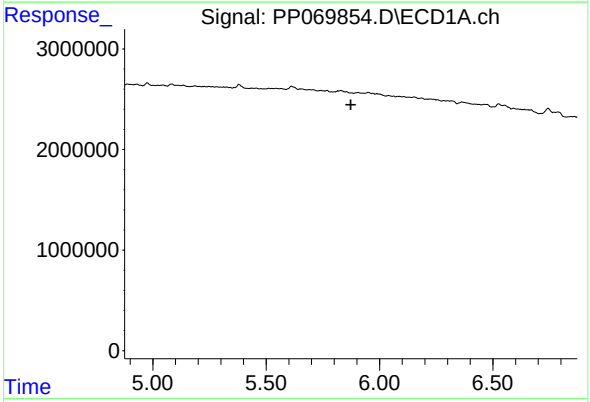
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



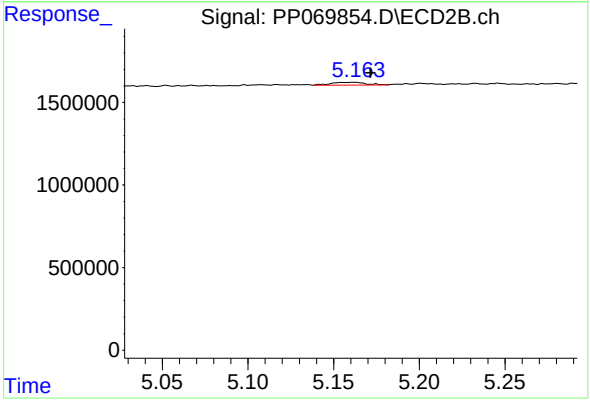
#5 AR-1016-3

R.T.: 5.162 min
Delta R.T.: 0.031 min
Response: 252310
Conc: 10.14 ng/ml



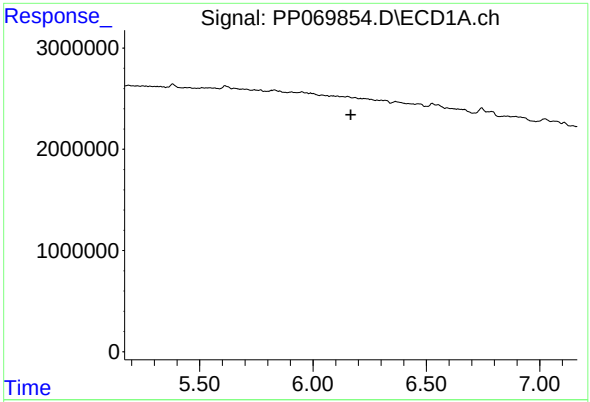
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

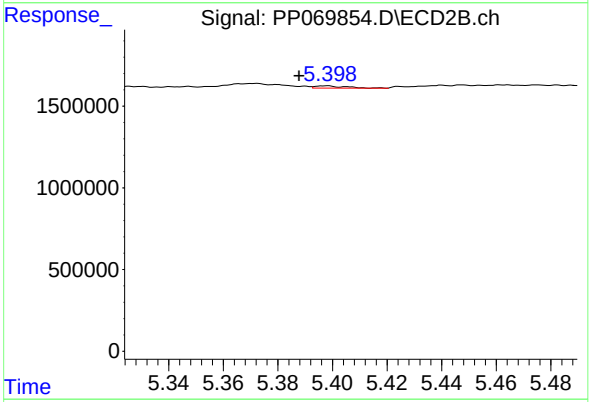
R.T.: 5.162 min
Delta R.T.: -0.010 min
Response: 252310
Conc: 12.49 ng/ml



#7 AR-1016-5

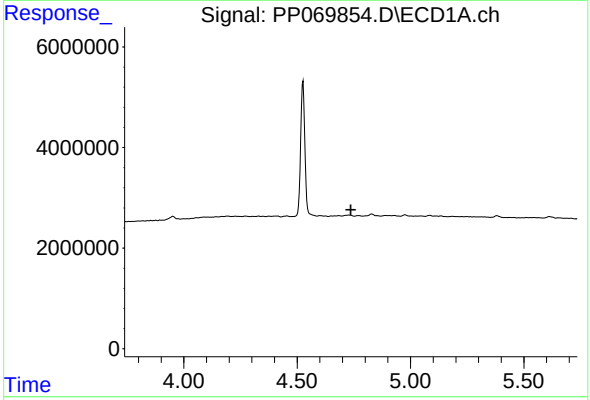
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



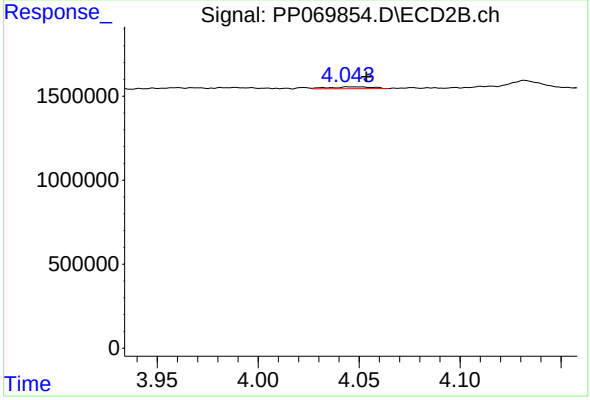
#7 AR-1016-5

R.T.: 5.398 min
Delta R.T.: 0.010 min
Response: 102430
Conc: 3.82 ng/ml



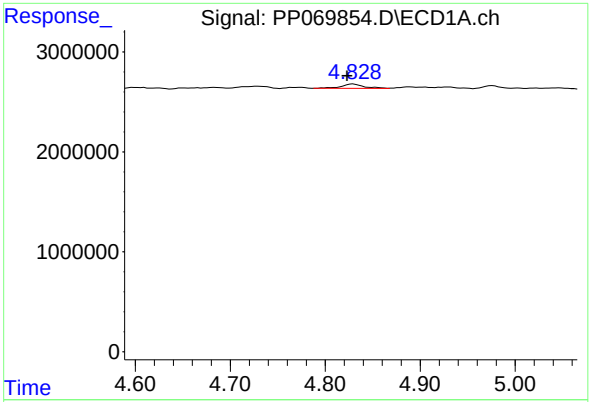
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

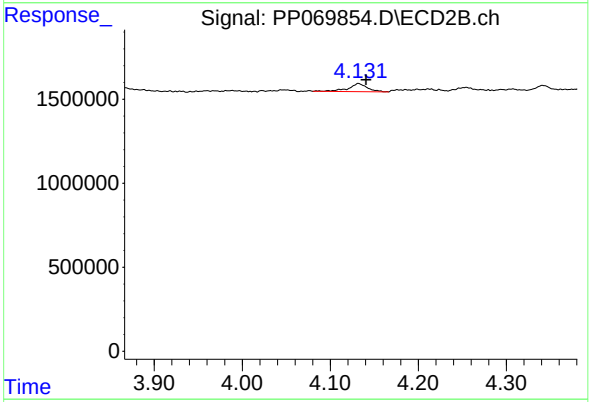
R.T.: 4.045 min
Delta R.T.: -0.009 min
Response: 165956
Conc: 13.47 ng/ml



#9 AR-1221-2

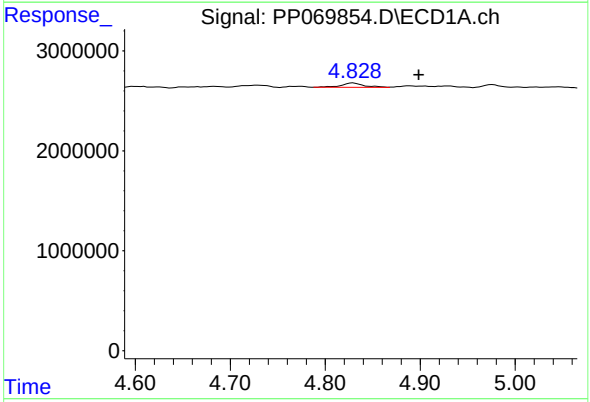
R.T.: 4.830 min
Delta R.T.: 0.007 min
Response: 716378
Conc: 52.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



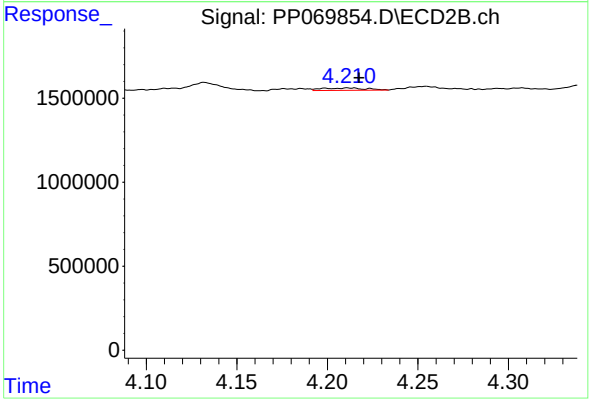
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.008 min
Response: 709592
Conc: 73.28 ng/ml



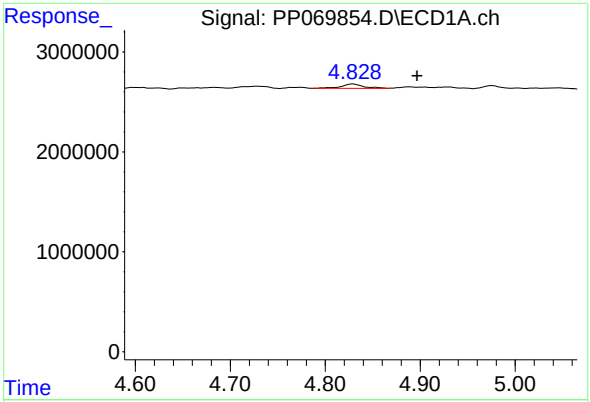
#10 AR-1221-3

R.T.: 4.830 min
Delta R.T.: -0.069 min
Response: 716378
Conc: 17.08 ng/ml



#10 AR-1221-3

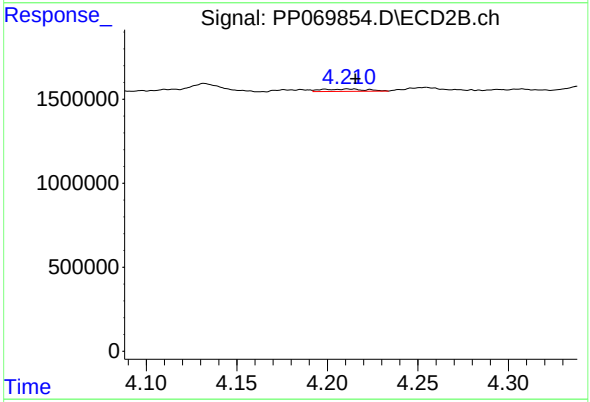
R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 229339
Conc: 7.86 ng/ml



#11 AR-1232-1

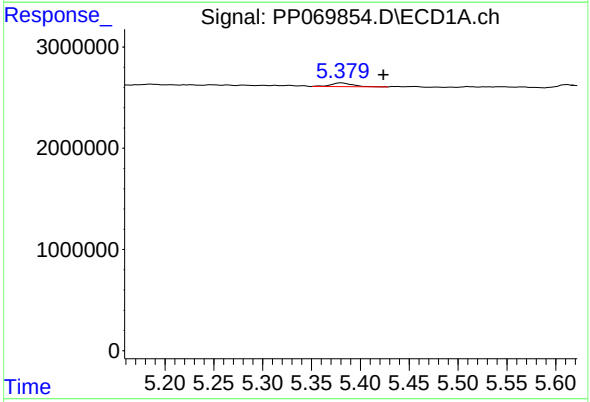
R.T.: 4.830 min
Delta R.T.: -0.067 min
Response: 716378
Conc: 21.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



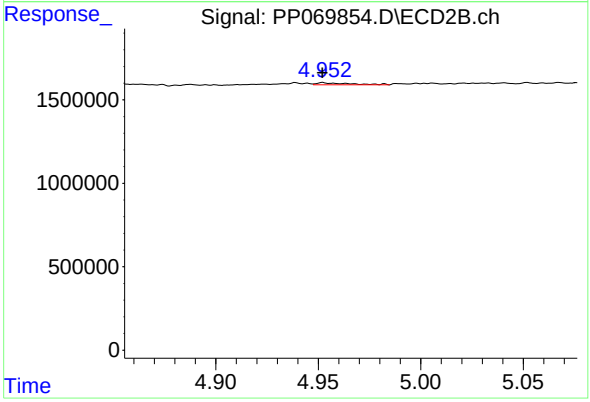
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 229339
Conc: 9.77 ng/ml



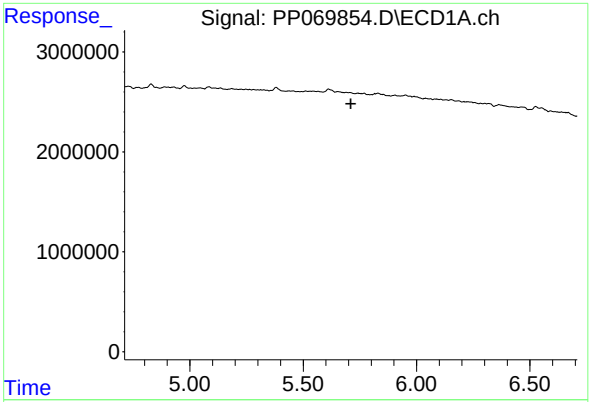
#12 AR-1232-2

R.T.: 5.381 min
Delta R.T.: -0.043 min
Response: 550994
Conc: 33.72 ng/ml



#12 AR-1232-2

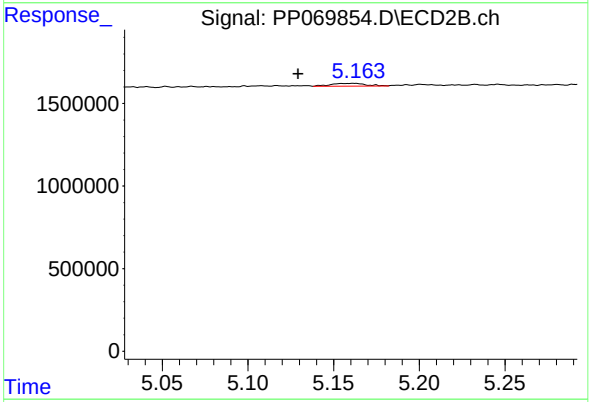
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 143326
Conc: 6.08 ng/ml



#13 AR-1232-3

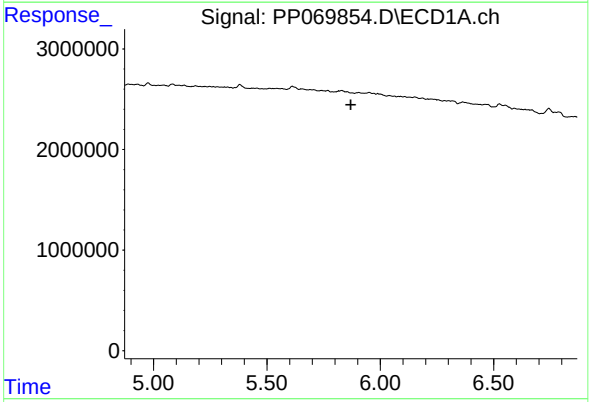
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



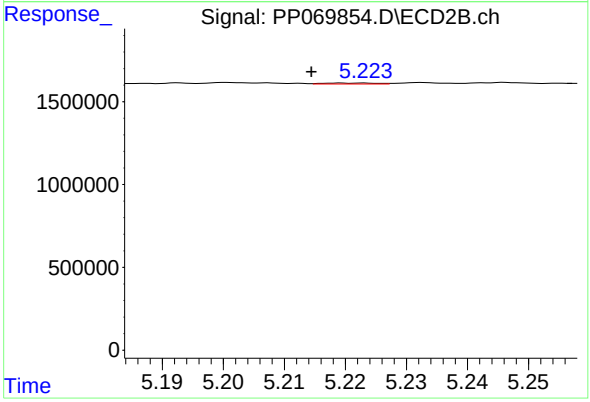
#13 AR-1232-3

R.T.: 5.162 min
Delta R.T.: 0.032 min
Response: 252310
Conc: 19.49 ng/ml



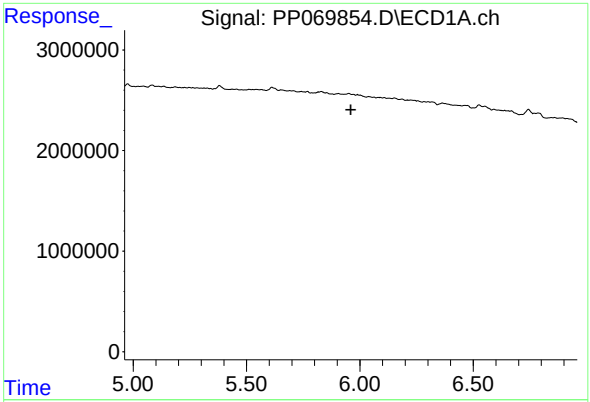
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

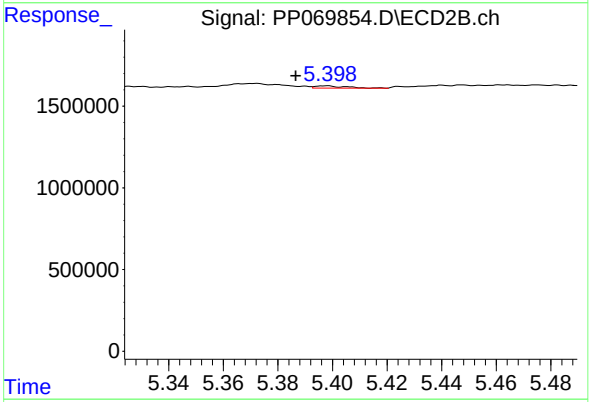
R.T.: 5.223 min
Delta R.T.: 0.008 min
Response: 34102
Conc: 3.08 ng/ml



#15 AR-1232-5

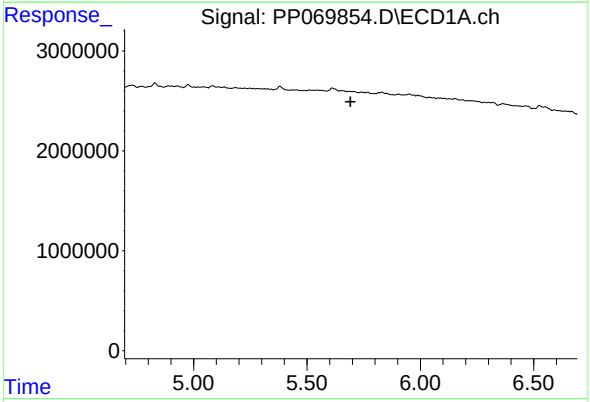
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



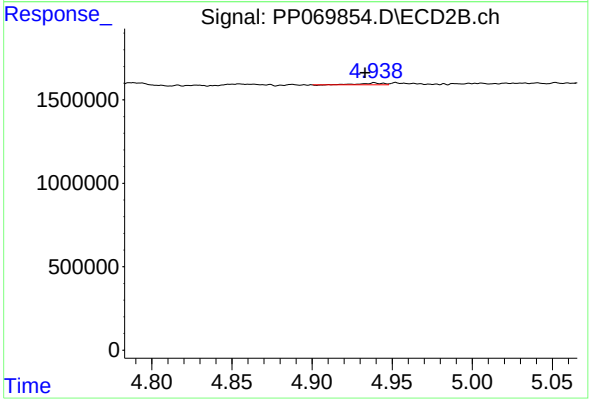
#15 AR-1232-5

R.T.: 5.398 min
Delta R.T.: 0.011 min
Response: 102430
Conc: 8.39 ng/ml



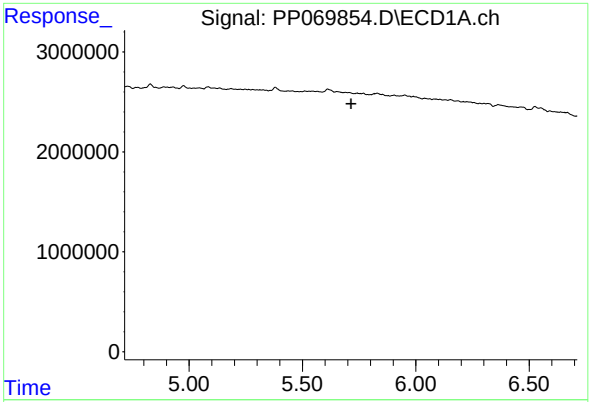
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

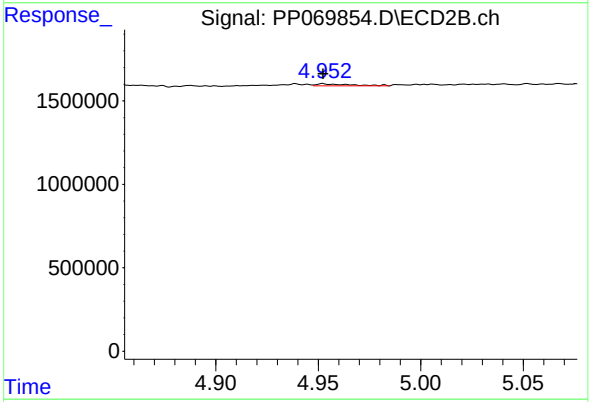
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 108610
Conc: 3.77 ng/ml



#17 AR-1242-2

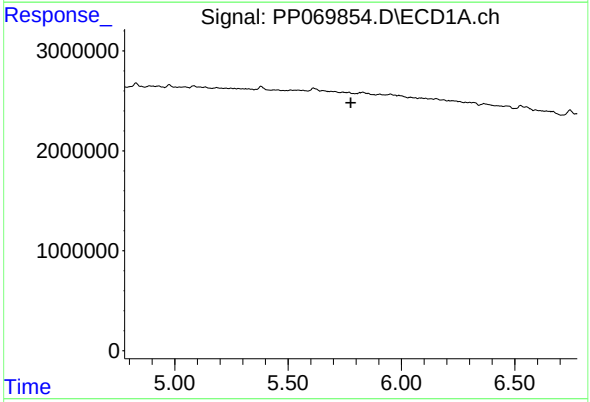
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



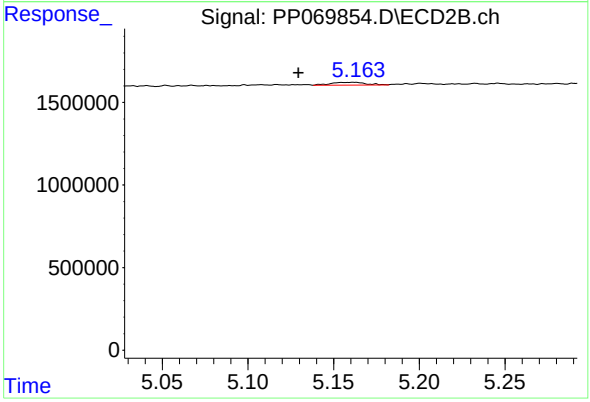
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 143326
Conc: 3.64 ng/ml



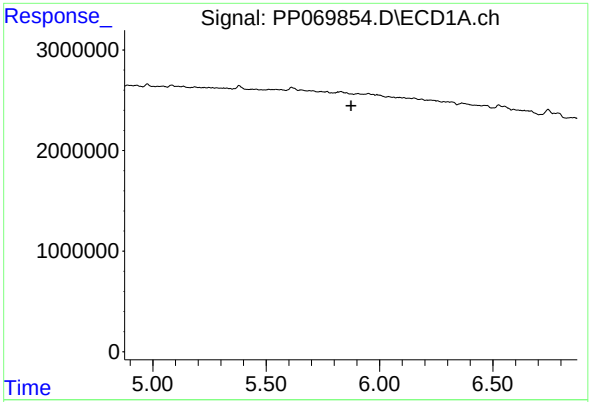
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

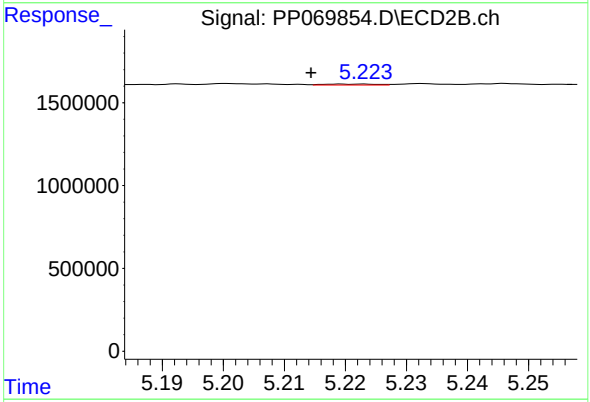
R.T.: 5.162 min
Delta R.T.: 0.032 min
Response: 252310
Conc: 11.21 ng/ml



#19 AR-1242-4

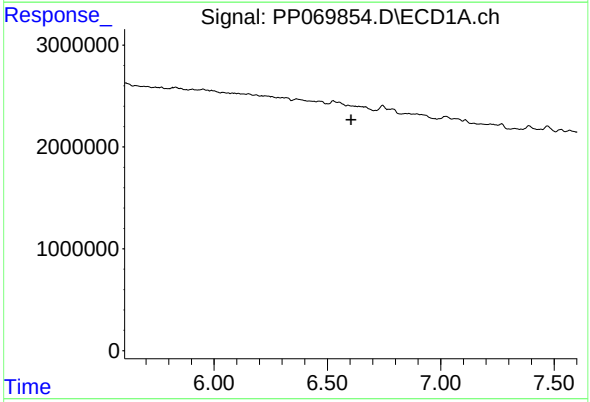
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



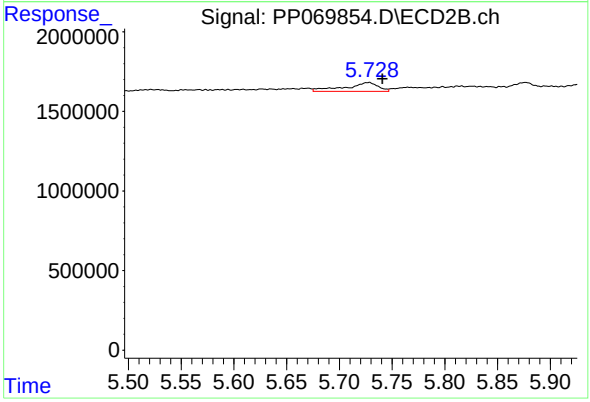
#19 AR-1242-4

R.T.: 5.223 min
Delta R.T.: 0.008 min
Response: 34102
Conc: 1.58 ng/ml



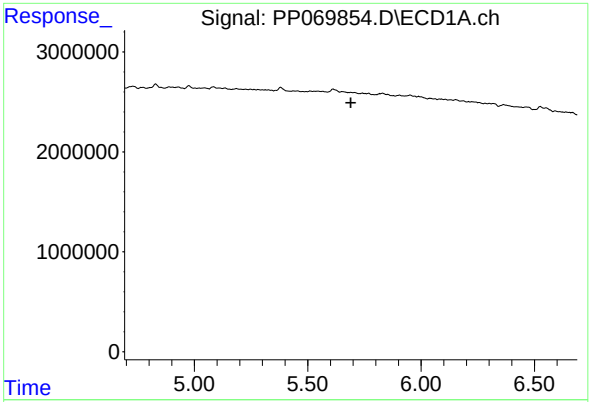
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

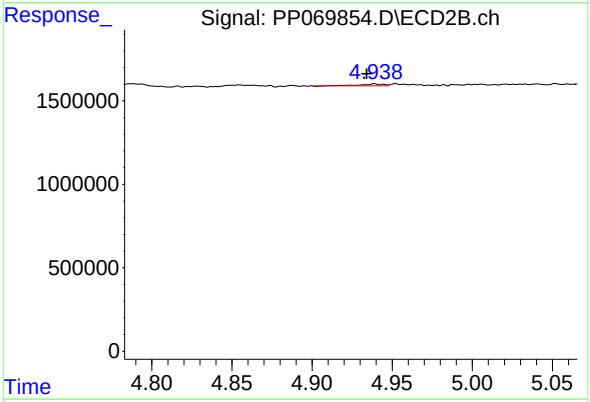
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 1201919
Conc: 41.78 ng/ml



#21 AR-1248-1

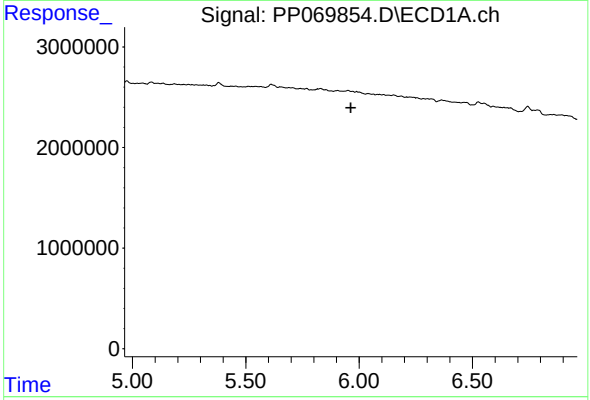
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



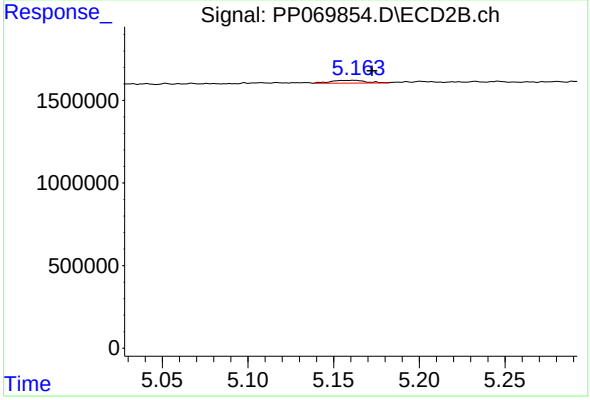
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 108610
Conc: 4.93 ng/ml



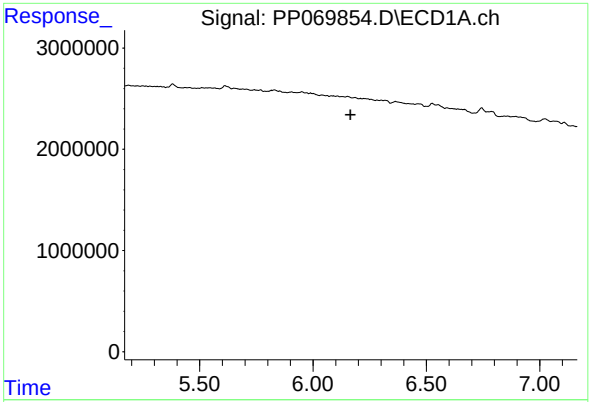
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

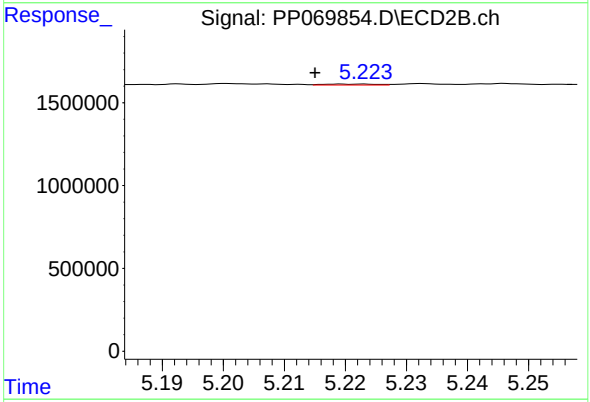
R.T.: 5.162 min
Delta R.T.: -0.011 min
Response: 252310
Conc: 8.39 ng/ml



#23 AR-1248-3

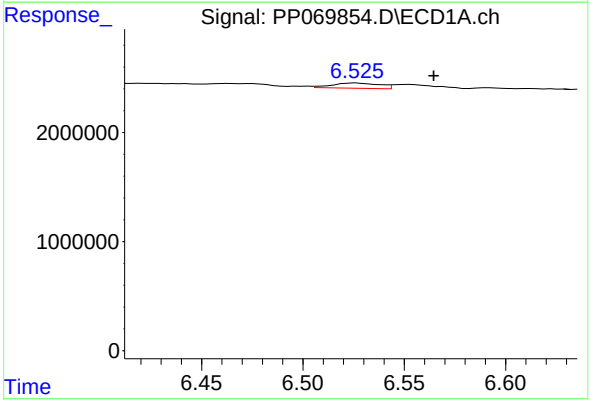
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



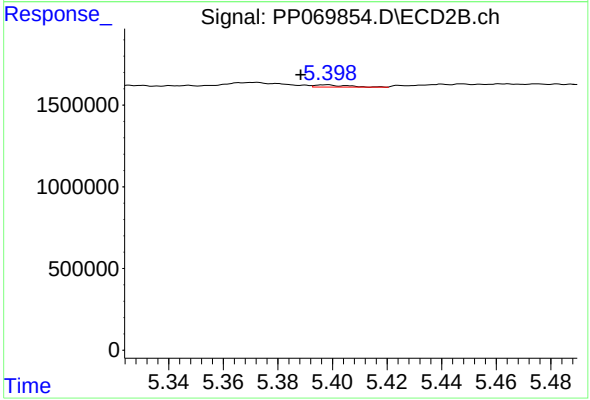
#23 AR-1248-3

R.T.: 5.223 min
Delta R.T.: 0.008 min
Response: 34102
Conc: 1.10 ng/ml



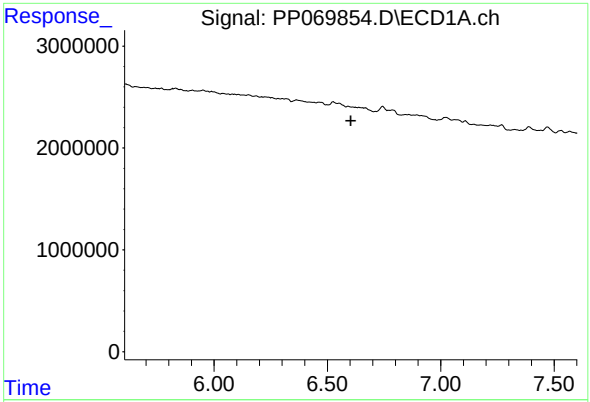
#24 AR-1248-4

R.T.: 6.526 min
Delta R.T.: -0.038 min
Response: 773899
Conc: 14.04 ng/ml



#24 AR-1248-4

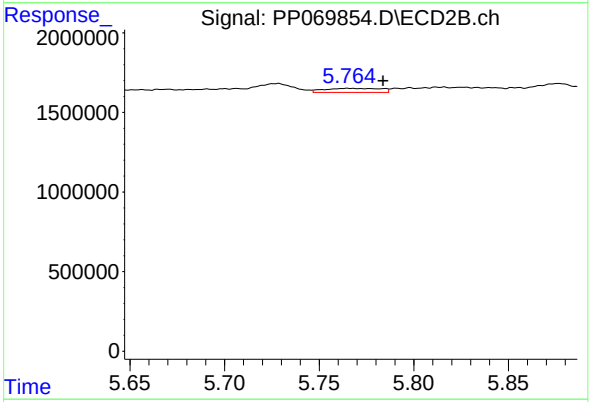
R.T.: 5.398 min
Delta R.T.: 0.009 min
Response: 102430
Conc: 2.77 ng/ml



#25 AR-1248-5

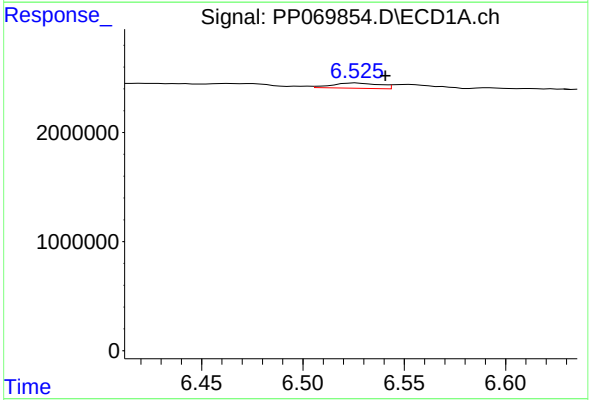
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



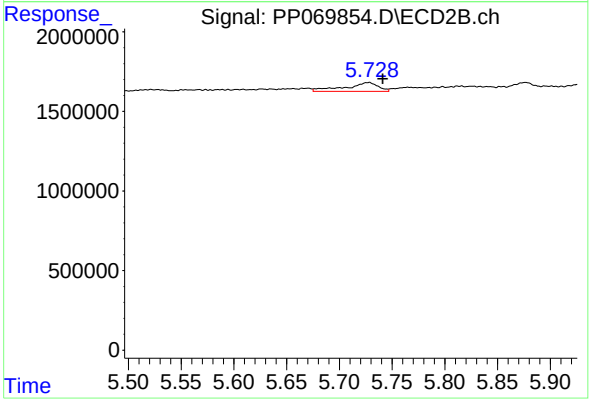
#25 AR-1248-5

R.T.: 5.765 min
Delta R.T.: -0.018 min
Response: 527197
Conc: 14.10 ng/ml



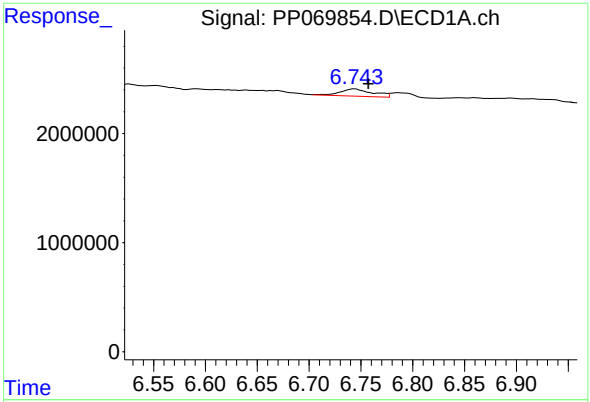
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.014 min
Response: 773899
Conc: 13.37 ng/ml



#26 AR-1254-1

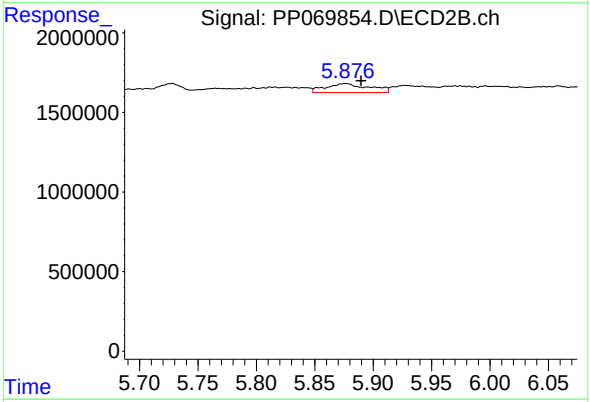
R.T.: 5.728 min
Delta R.T.: -0.013 min
Response: 1201919
Conc: 21.83 ng/ml



#27 AR-1254-2

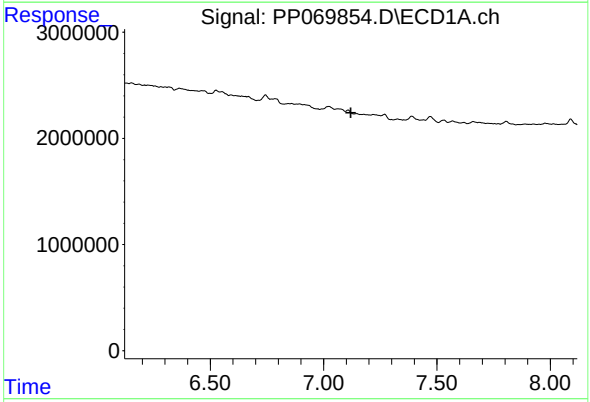
R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 1474866
Conc: 18.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



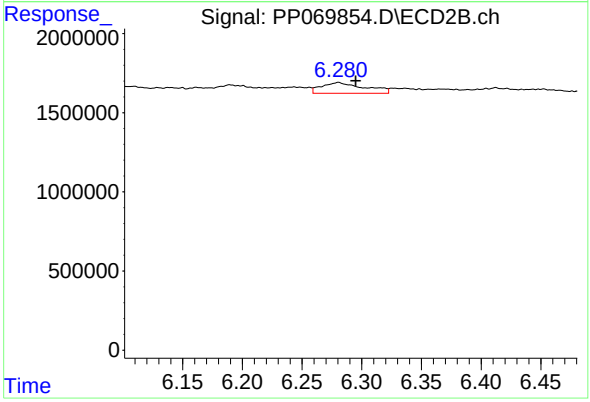
#27 AR-1254-2

R.T.: 5.877 min
Delta R.T.: -0.013 min
Response: 1459080
Conc: 30.17 ng/ml



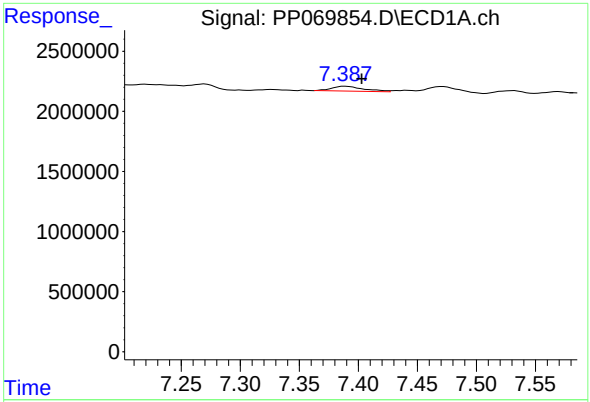
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

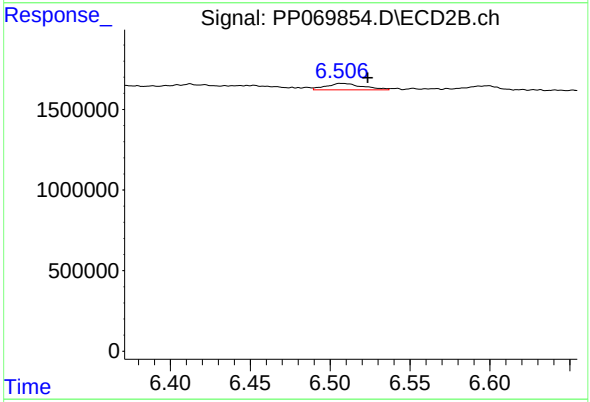
R.T.: 6.280 min
Delta R.T.: -0.014 min
Response: 1707939
Conc: 22.50 ng/ml



#29 AR-1254-4

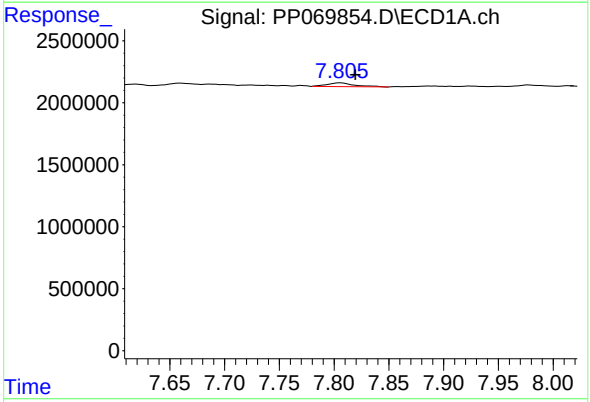
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 783751
Conc: 11.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



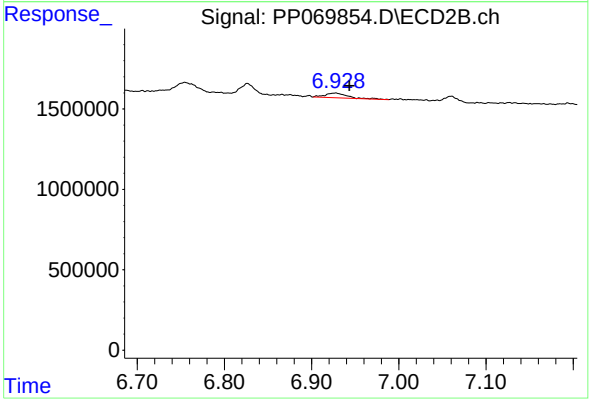
#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.016 min
Response: 648649
Conc: 12.66 ng/ml



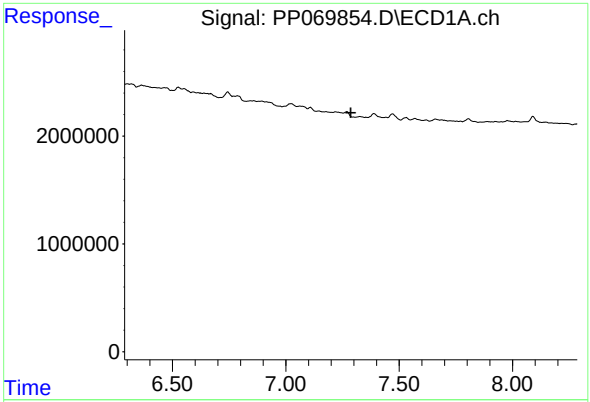
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 539813
Conc: 7.93 ng/ml



#30 AR-1254-5

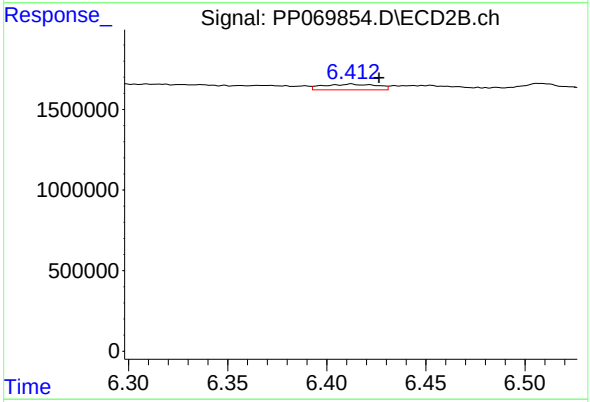
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 535840
Conc: 8.05 ng/ml



#31 AR-1260-1

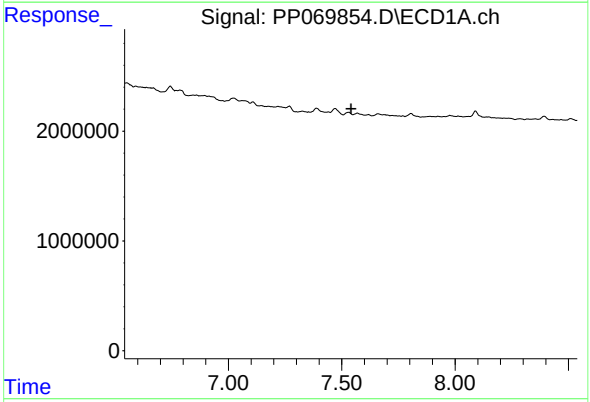
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



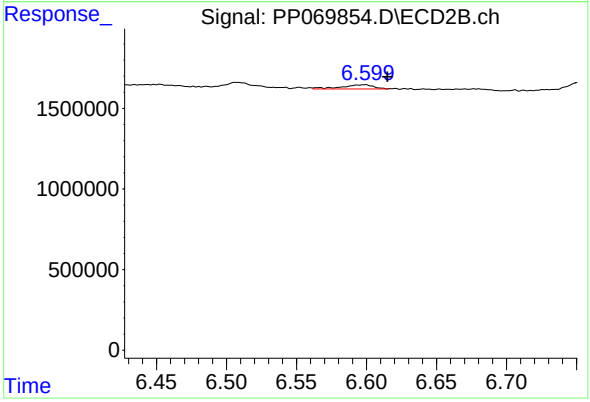
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 655878
Conc: 13.60 ng/ml



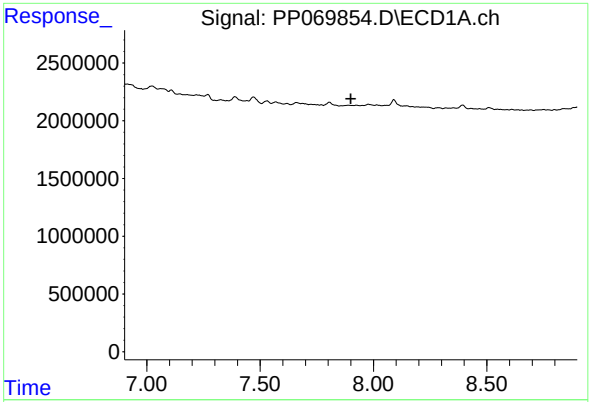
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

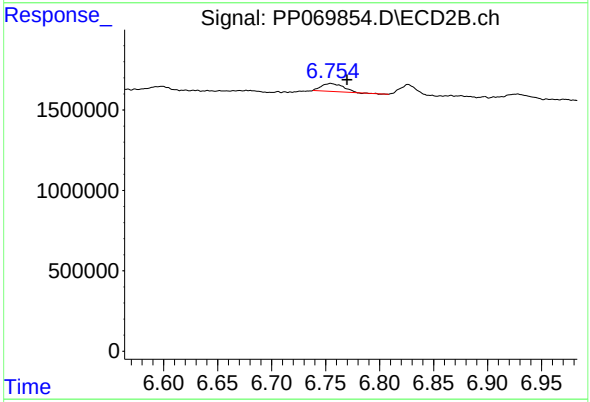
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 407785
Conc: 6.65 ng/ml



#33 AR-1260-3

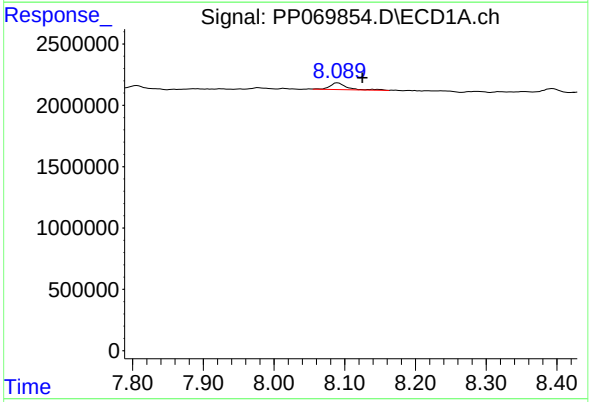
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



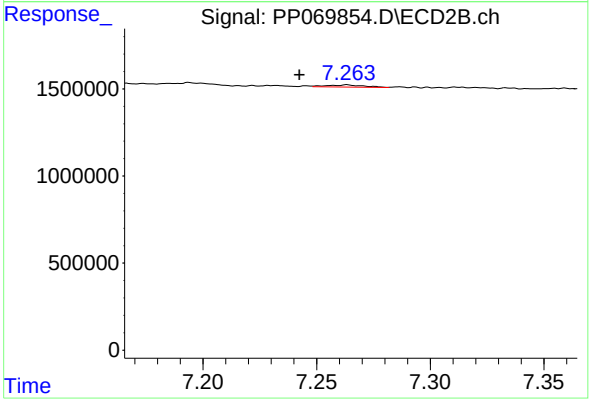
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 683896
Conc: 11.37 ng/ml



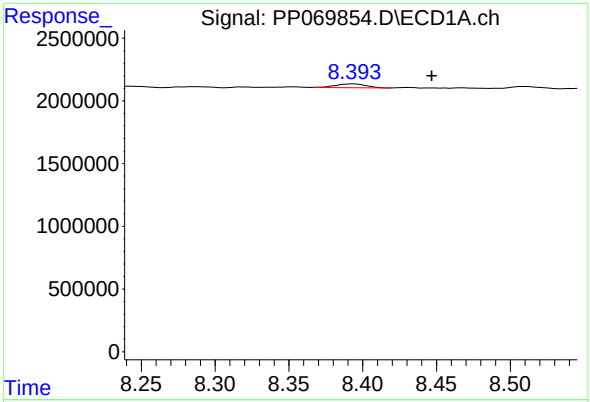
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.035 min
Response: 931410
Conc: 14.12 ng/ml



#34 AR-1260-4

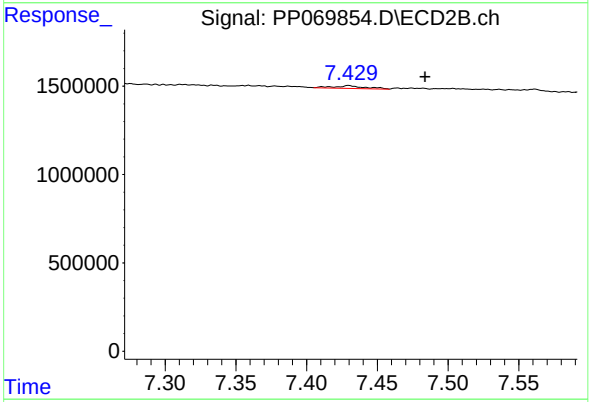
R.T.: 7.263 min
Delta R.T.: 0.021 min
Response: 132791
Conc: 2.86 ng/ml



#35 AR-1260-5

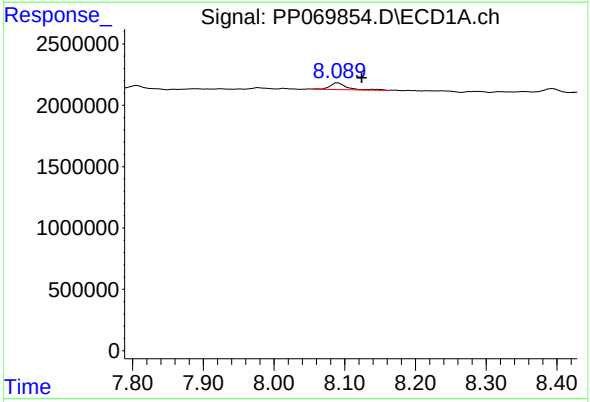
R.T.: 8.394 min
Delta R.T.: -0.053 min
Response: 443968
Conc: 3.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



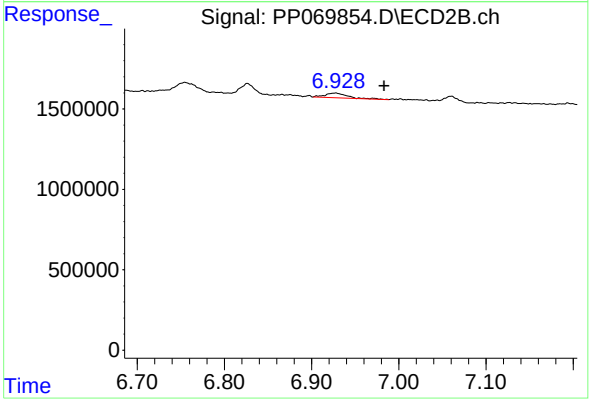
#35 AR-1260-5

R.T.: 7.430 min
Delta R.T.: -0.054 min
Response: 243979
Conc: 2.20 ng/ml



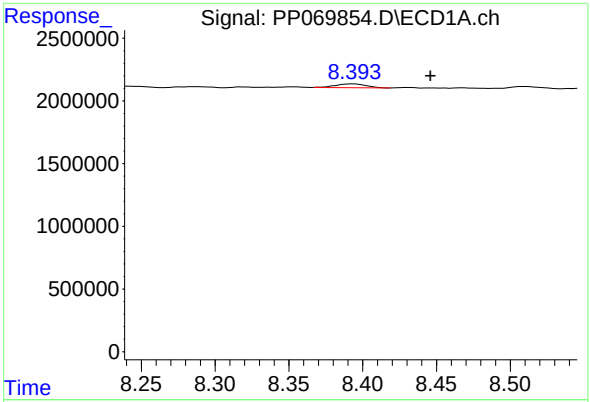
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 931410
Conc: 11.79 ng/ml



#36 AR-1262-1

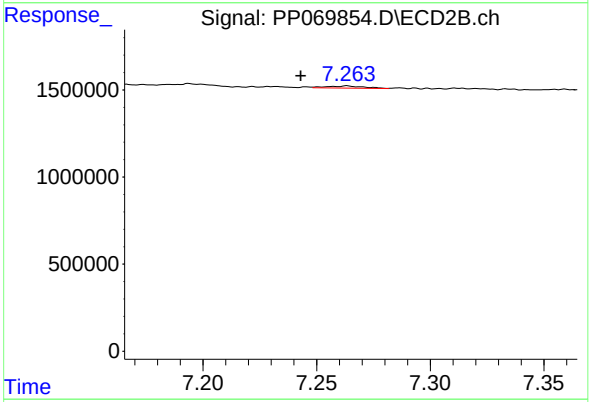
R.T.: 6.927 min
Delta R.T.: -0.056 min
Response: 535840
Conc: 7.55 ng/ml



#37 AR-1262-2

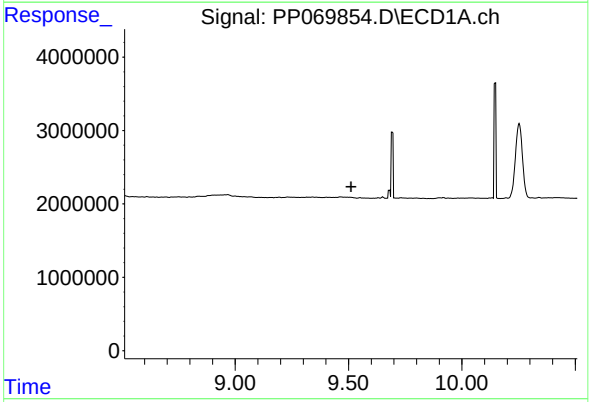
R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 443968
Conc: 2.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



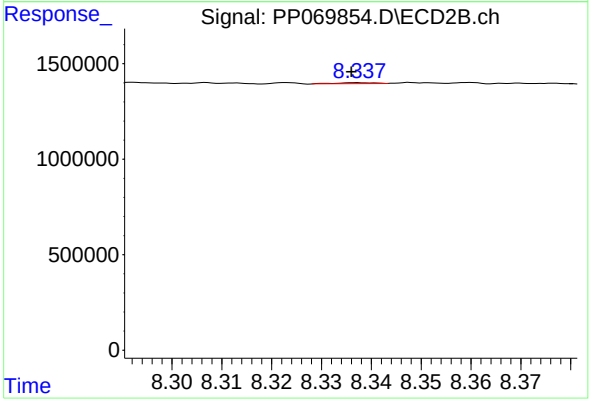
#37 AR-1262-2

R.T.: 7.263 min
Delta R.T.: 0.020 min
Response: 132791
Conc: 2.18 ng/ml



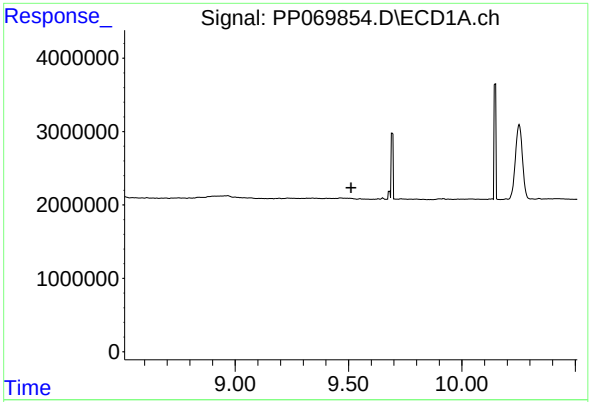
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

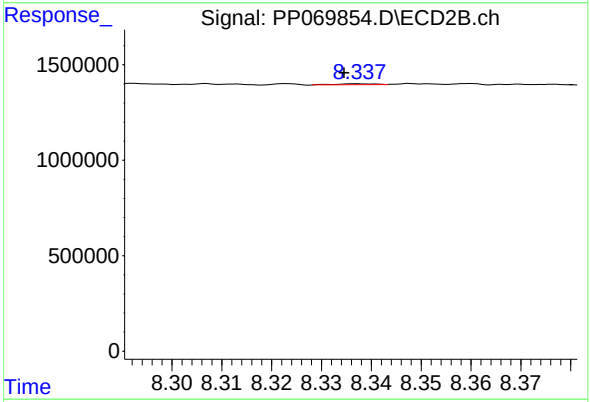
R.T.: 8.337 min
Delta R.T.: 0.001 min
Response: 28750
Conc: 0.60 ng/ml



#44 AR-1268-4

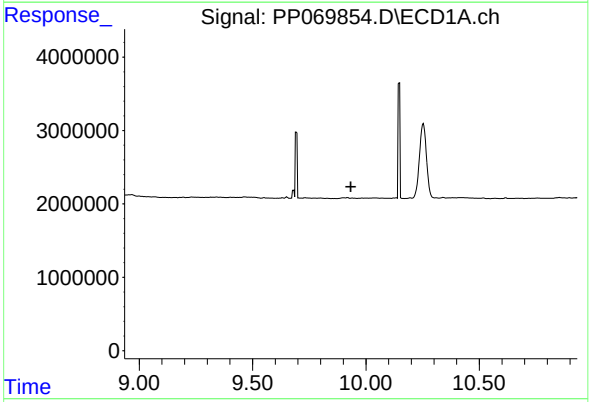
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-09-021725



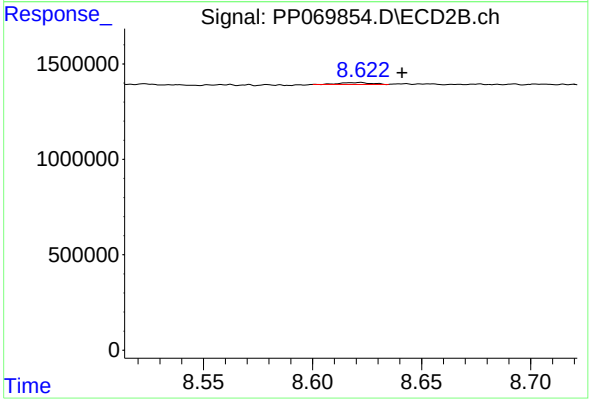
#44 AR-1268-4

R.T.: 8.337 min
Delta R.T.: 0.003 min
Response: 28750
Conc: 0.55 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 94163
Conc: 0.26 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:57
Operator : YP\AJ
Sample : Q1382-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:29:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	38820797	22536751	27.119	25.250	
2)	SA Decachlor...	10.249	8.889	25890675	24687478	23.690	22.072	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.946	0	45553	N.D.	1.397	#
4)	L1 AR-1016-2	0.000	4.946	0	45553	N.D.	1.013	#
5)	L1 AR-1016-3	0.000	5.151	0	140753	N.D.	5.656	#
6)	L1 AR-1016-4	0.000	5.151	0	140753	N.D.	6.969	#
7)	L1 AR-1016-5	0.000	5.399	0	158996	N.D.	5.927	#
8)	L2 AR-1221-1	4.723	4.049	1534967	194600	80.705	15.798	#
9)	L2 AR-1221-2	4.823	4.133	524350	1135088	38.295	117.220	#
10)	L2 AR-1221-3	0.000	4.189	0	127889	N.D.	4.384	#
11)	L3 AR-1232-1	0.000	4.189	0	127889	N.D.	5.447	#
12)	L3 AR-1232-2	5.379f	4.946	562425	45553	34.416	1.933	#
13)	L3 AR-1232-3	0.000	5.151	0	140753	N.D.	10.871	#
14)	L3 AR-1232-4	0.000	5.196	0	78287	N.D.	7.062	#
15)	L3 AR-1232-5	0.000	5.399	0	158996	N.D.	13.021	#
16)	L4 AR-1242-1	0.000	4.946	0	45553	N.D.	1.580	#
17)	L4 AR-1242-2	0.000	4.946	0	45553	N.D.	1.156	#
18)	L4 AR-1242-3	0.000	5.151	0	140753	N.D.	6.255	#
19)	L4 AR-1242-4	0.000	5.196	0	78287	N.D.	3.627	#
20)	L4 AR-1242-5	0.000	5.724	0	903526	N.D.	31.407	#
21)	L5 AR-1248-1	0.000	4.946	0	45553	N.D.	2.070	#
22)	L5 AR-1248-2	0.000	5.151	0	140753	N.D.	4.682	#
23)	L5 AR-1248-3	0.000	5.196	0	78287	N.D.	2.527	#
24)	L5 AR-1248-4	0.000	5.399	0	158996	N.D.	4.304	#
25)	L5 AR-1248-5	0.000	5.799	0	1600265	N.D.	42.800	#
26)	L6 AR-1254-1	0.000	5.724	0	903526	N.D.	16.411	#
27)	L6 AR-1254-2	6.743	5.904	978509	309277	12.194	6.394	#
28)	L6 AR-1254-3	0.000	6.280	0	1746223	N.D.	23.008	#
29)	L6 AR-1254-4	7.392	6.508	1072151	842876	15.723	16.446	
30)	L6 AR-1254-5	0.000	6.926	0	347450	N.D.	5.220	#
31)	L7 AR-1260-1	0.000	6.422	0	257959	N.D.	5.349	#
32)	L7 AR-1260-2	0.000	6.595	0	1094729	N.D.	17.857	#
33)	L7 AR-1260-3	0.000	6.757	0	531524	N.D.	8.836	#
34)	L7 AR-1260-4	8.087f	7.226	1210870	156540	18.353	3.369	#
35)	L7 AR-1260-5	8.390f	7.438f	661082	270046	5.049	2.430	#
36)	L8 AR-1262-1	8.087f	6.993	1210870	160053	15.324	2.254	#
37)	L8 AR-1262-2	8.390f	7.226	661082	156540	4.323	2.567	#
38)	L8 AR-1262-3	0.000	7.797	0	183921	N.D.	3.517	#
39)	L8 AR-1262-4	0.000	7.797	0	183921	N.D.	1.990	#
40)	L8 AR-1262-5	0.000	8.273f	0	89132	N.D.	1.865	#
41)	L9 AR-1268-1	0.000	7.797	0	183921	N.D.	1.267	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:57
Operator : YP\AJ
Sample : Q1382-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:29:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.797	0	183921	N.D.	1.385 #
43) L9	AR-1268-3	0.000	7.972f	0	40202	N.D.	0.353 #
44) L9	AR-1268-4	0.000	8.273f	0	89132	N.D.	1.712 #
45) L9	AR-1268-5	0.000	8.620	0	95971	N.D.	0.269 #

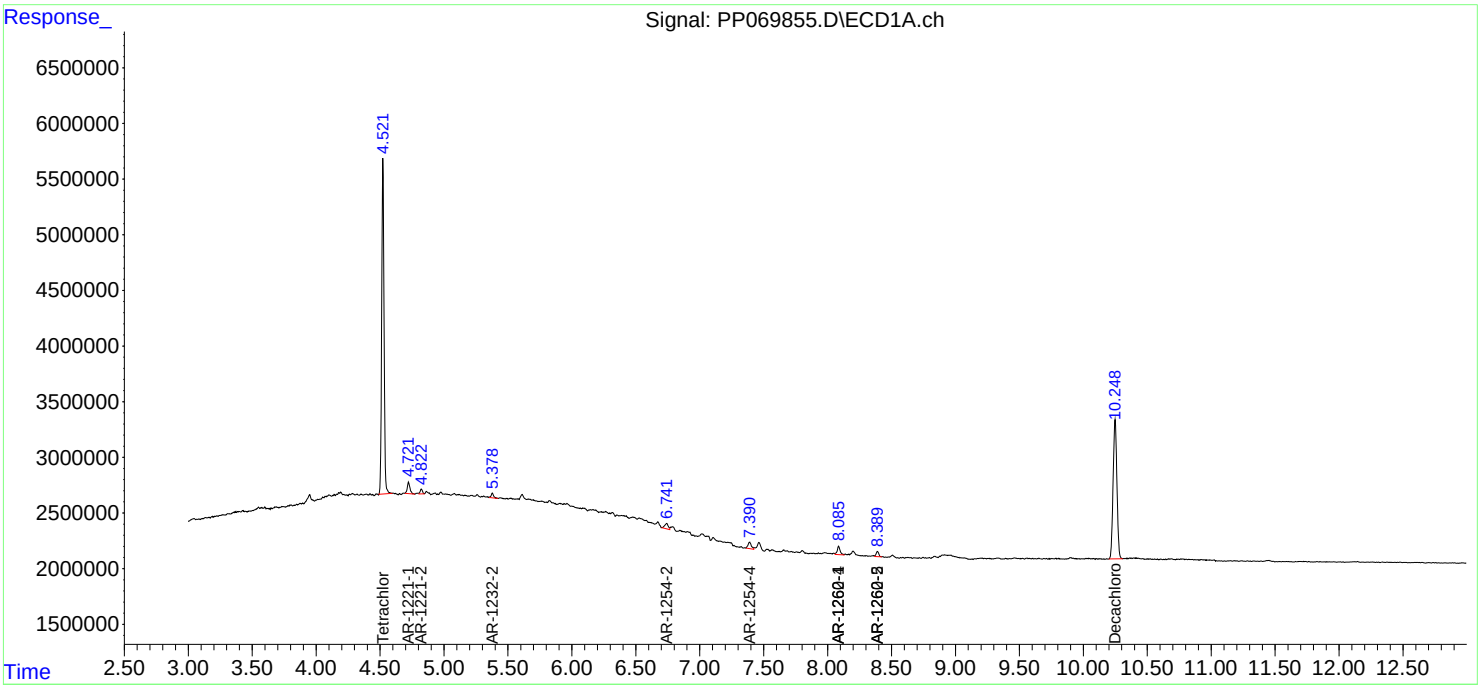
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

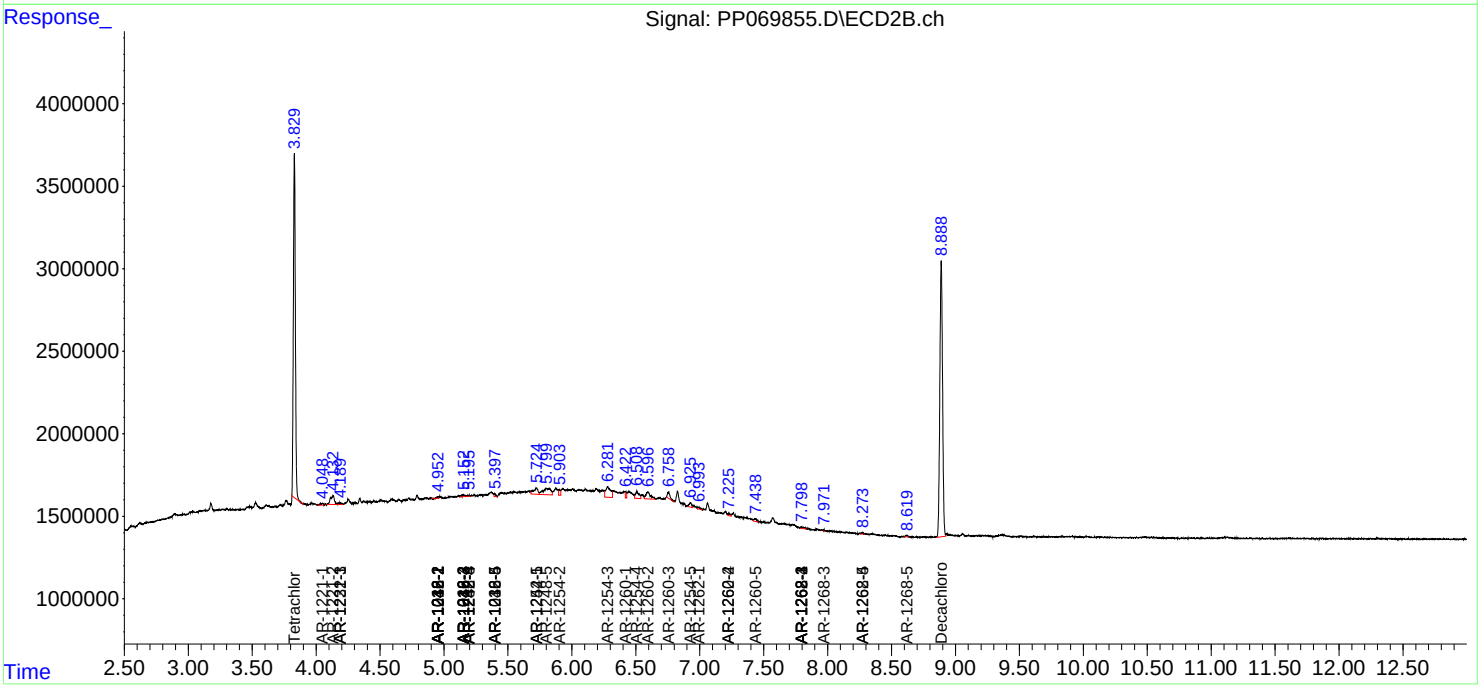
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069855.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 18:57
Operator : YP\AJ
Sample : Q1382-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

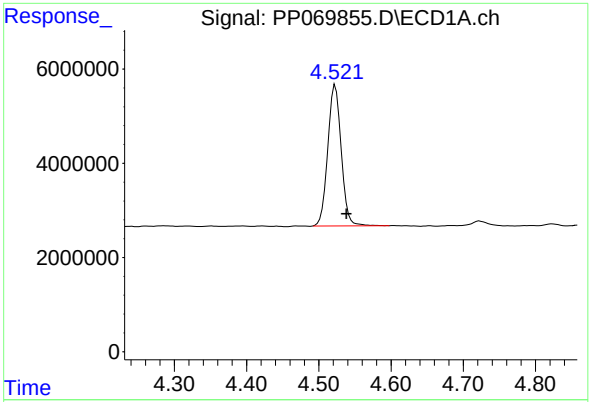
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:29:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



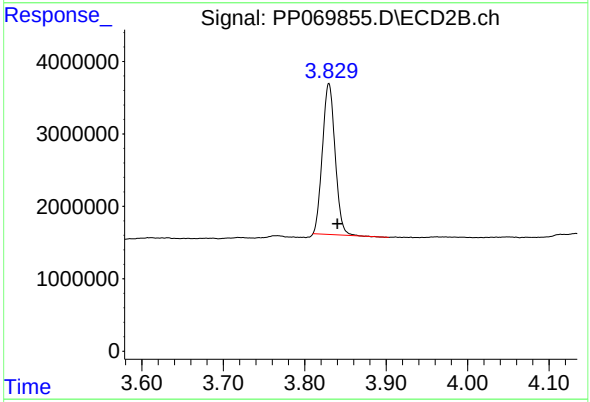




#1 Tetrachloro-m-xylene

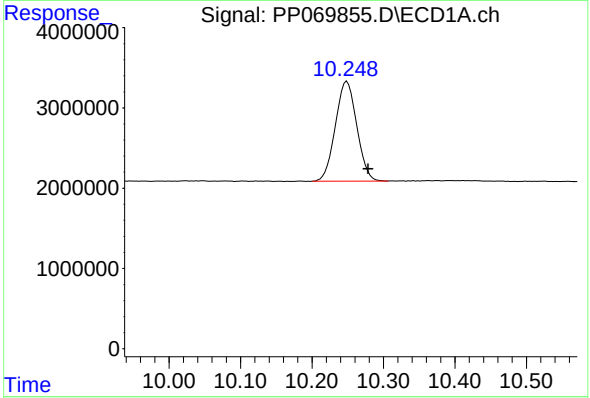
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 38820797
Conc: 27.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



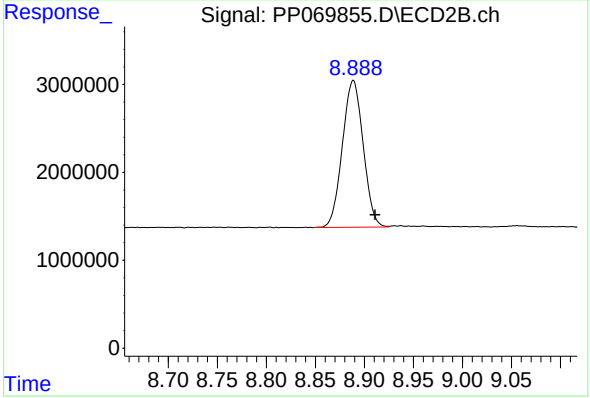
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22536751
Conc: 25.25 ng/ml



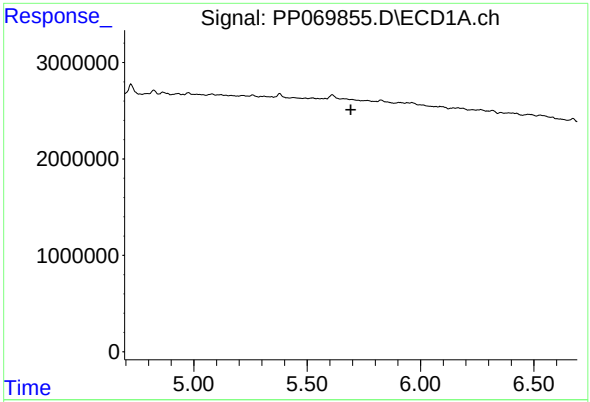
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.030 min
Response: 25890675
Conc: 23.69 ng/ml



#2 Decachlorobiphenyl

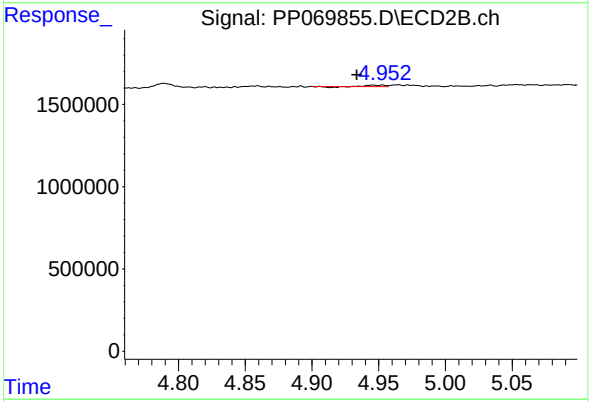
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 24687478
Conc: 22.07 ng/ml



#3 AR-1016-1

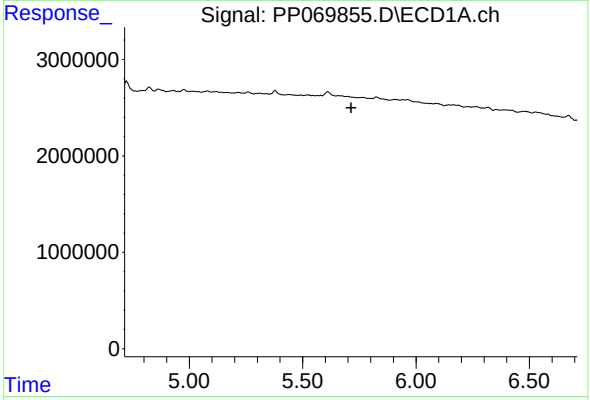
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



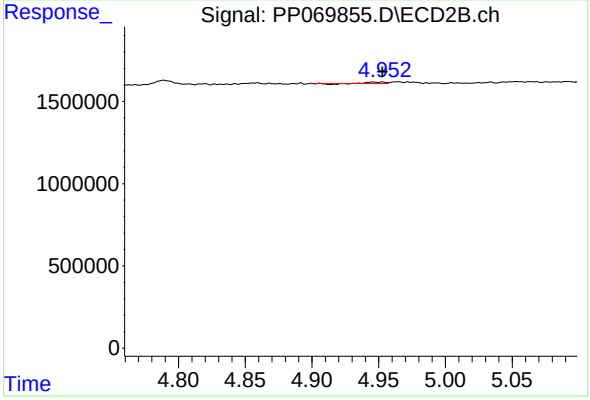
#3 AR-1016-1

R.T.: 4.946 min
Delta R.T.: 0.012 min
Response: 45553
Conc: 1.40 ng/ml



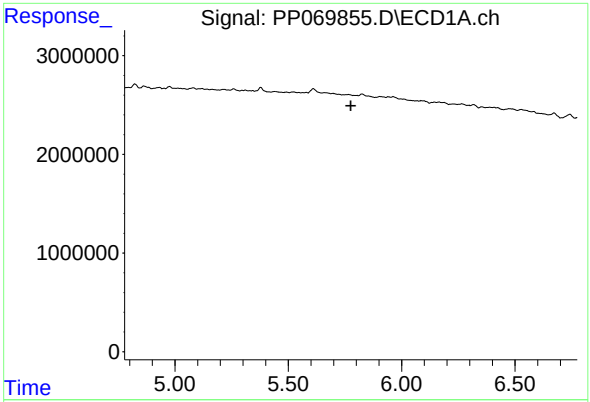
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

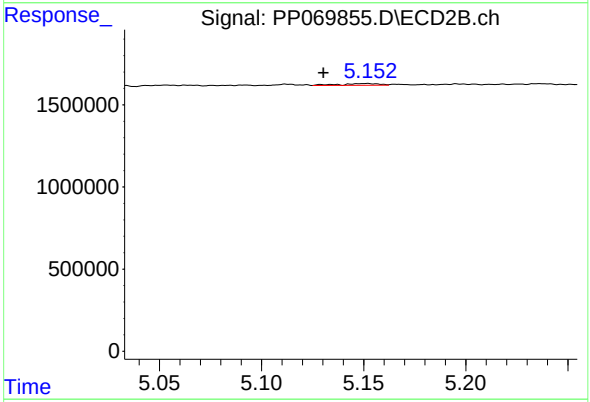
R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 45553
Conc: 1.01 ng/ml



#5 AR-1016-3

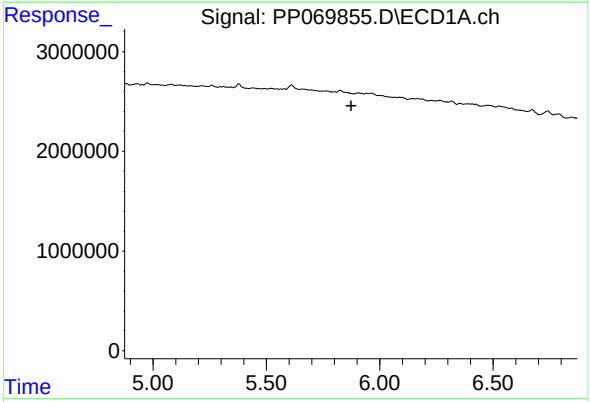
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



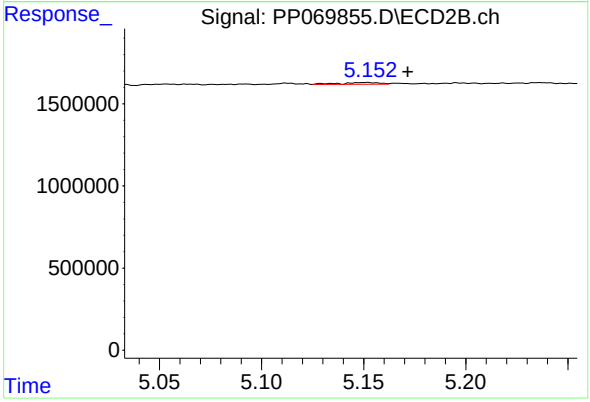
#5 AR-1016-3

R.T.: 5.151 min
Delta R.T.: 0.021 min
Response: 140753
Conc: 5.66 ng/ml



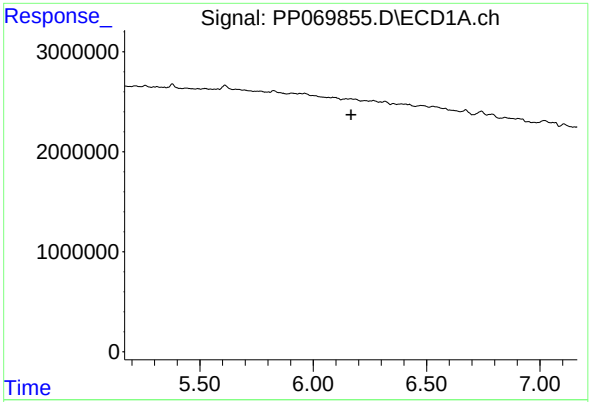
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

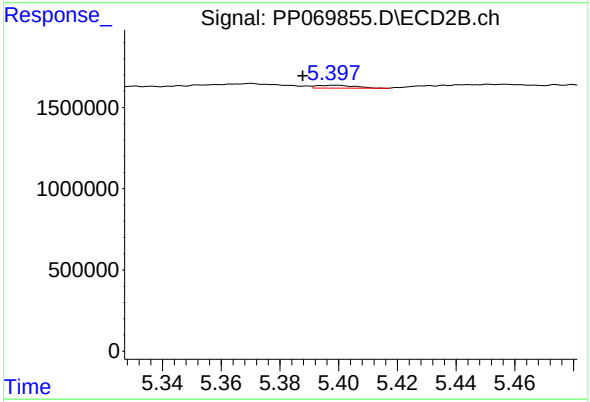
R.T.: 5.151 min
Delta R.T.: -0.020 min
Response: 140753
Conc: 6.97 ng/ml



#7 AR-1016-5

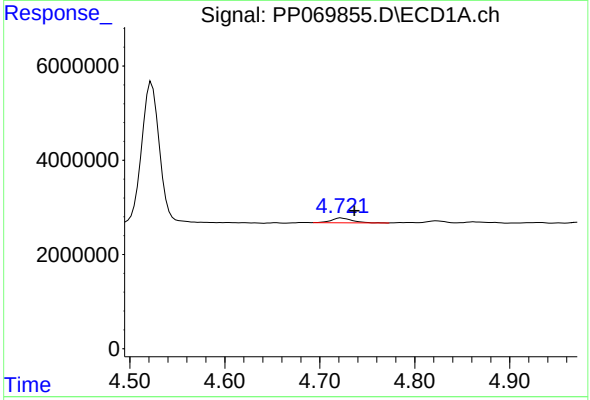
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



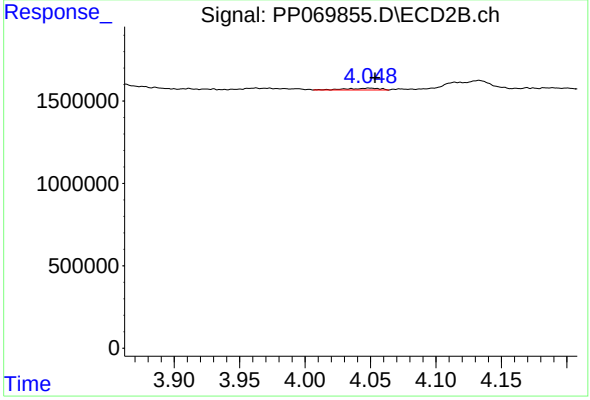
#7 AR-1016-5

R.T.: 5.399 min
Delta R.T.: 0.011 min
Response: 158996
Conc: 5.93 ng/ml



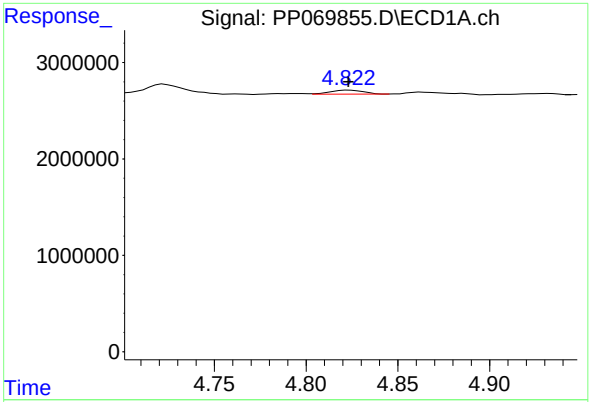
#8 AR-1221-1

R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 1534967
Conc: 80.70 ng/ml



#8 AR-1221-1

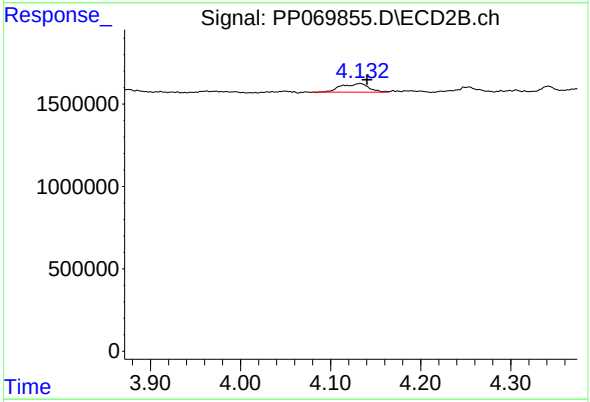
R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 194600
Conc: 15.80 ng/ml



#9 AR-1221-2

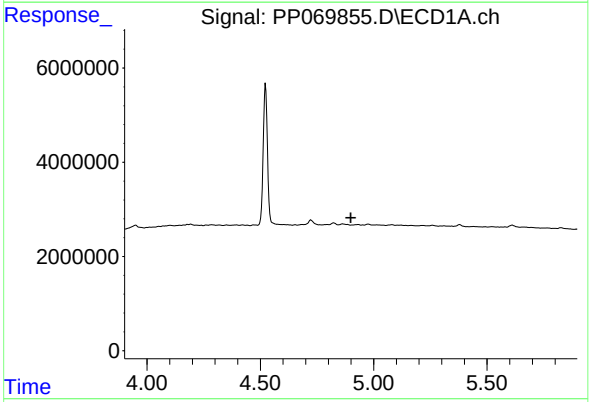
R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 524350
Conc: 38.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



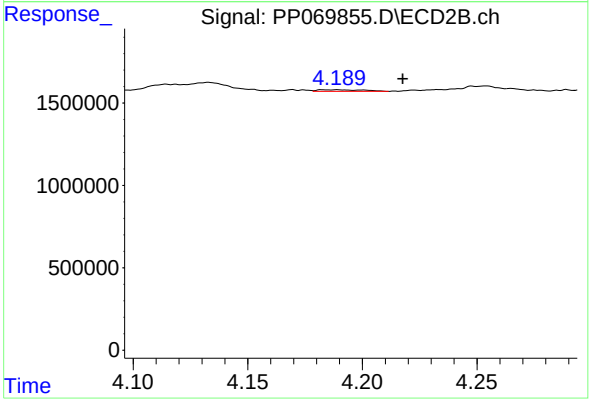
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 1135088
Conc: 117.22 ng/ml



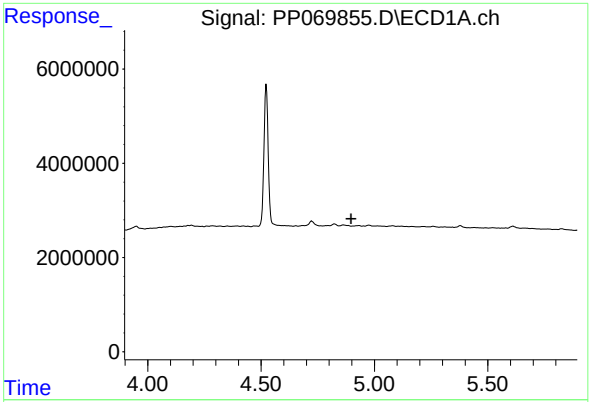
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

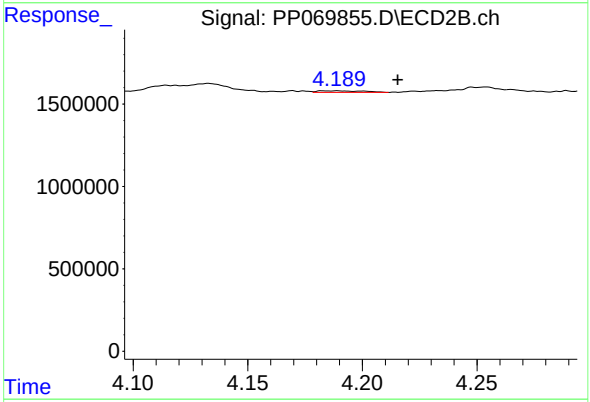
R.T.: 4.189 min
Delta R.T.: -0.029 min
Response: 127889
Conc: 4.38 ng/ml



#11 AR-1232-1

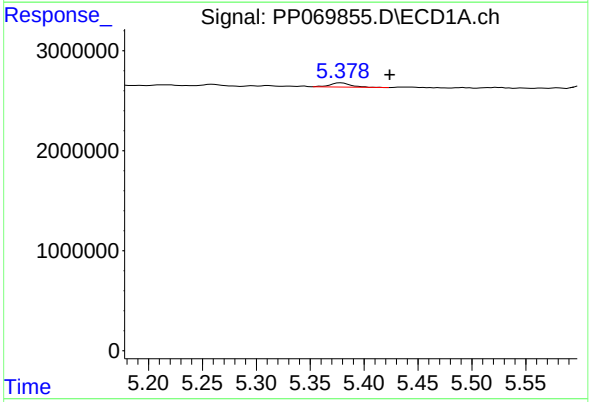
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



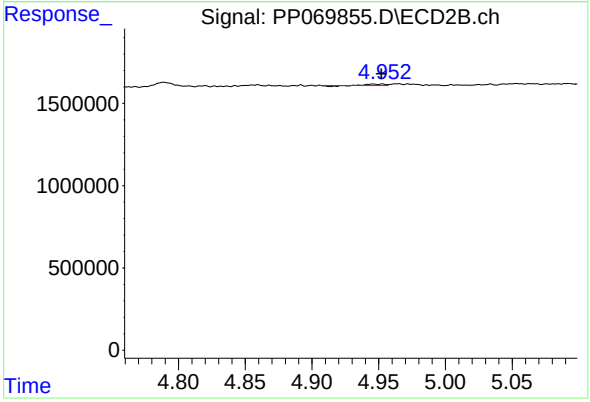
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: -0.027 min
Response: 127889
Conc: 5.45 ng/ml



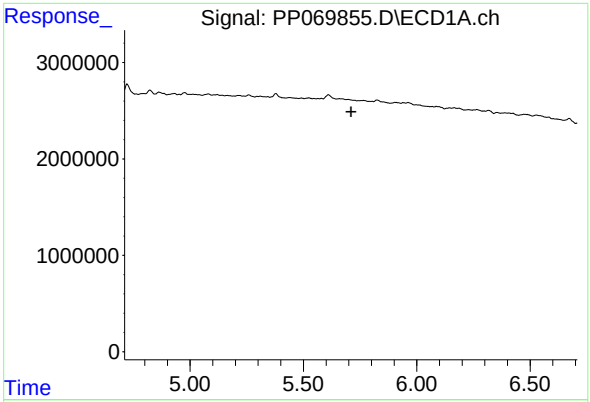
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: -0.045 min
Response: 562425
Conc: 34.42 ng/ml



#12 AR-1232-2

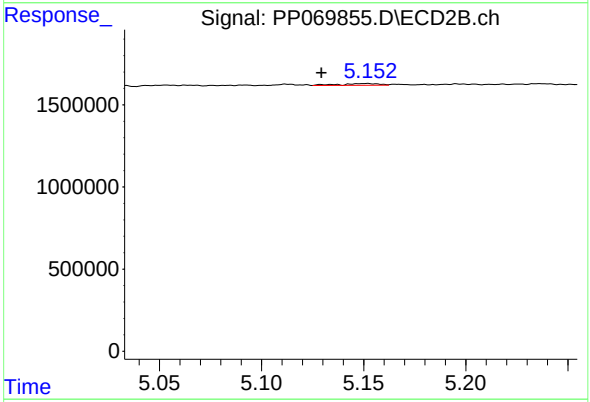
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 45553
Conc: 1.93 ng/ml



#13 AR-1232-3

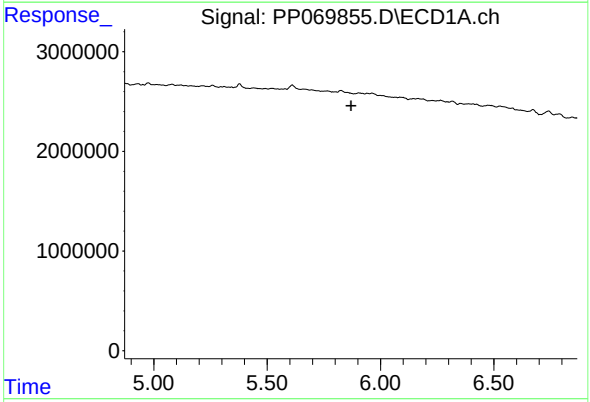
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



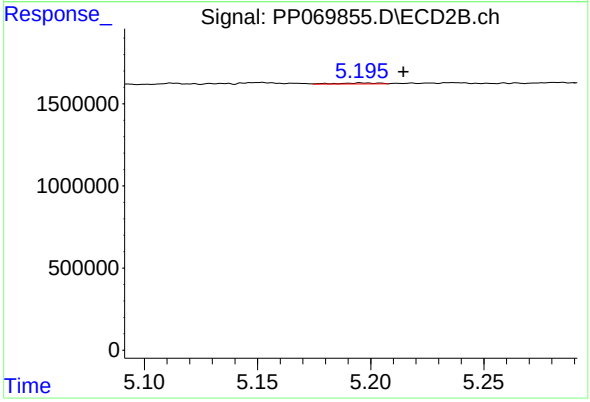
#13 AR-1232-3

R.T.: 5.151 min
Delta R.T.: 0.022 min
Response: 140753
Conc: 10.87 ng/ml



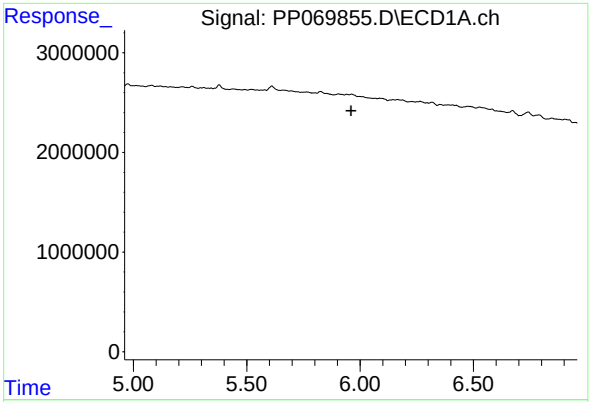
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

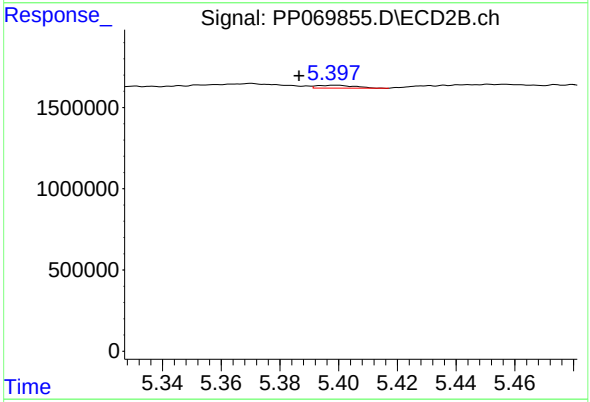
R.T.: 5.196 min
Delta R.T.: -0.019 min
Response: 78287
Conc: 7.06 ng/ml



#15 AR-1232-5

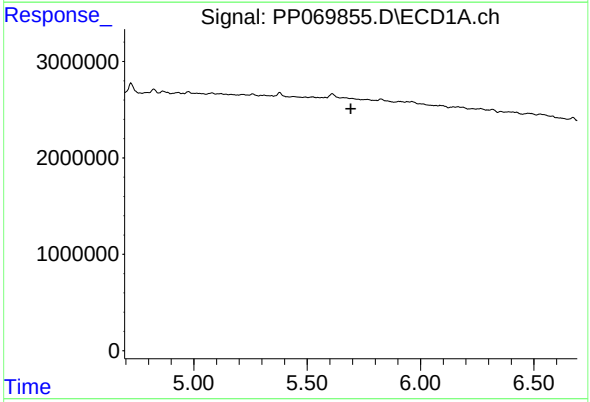
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



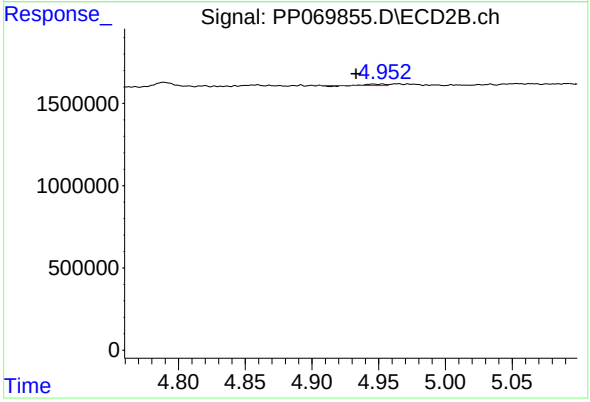
#15 AR-1232-5

R.T.: 5.399 min
Delta R.T.: 0.012 min
Response: 158996
Conc: 13.02 ng/ml



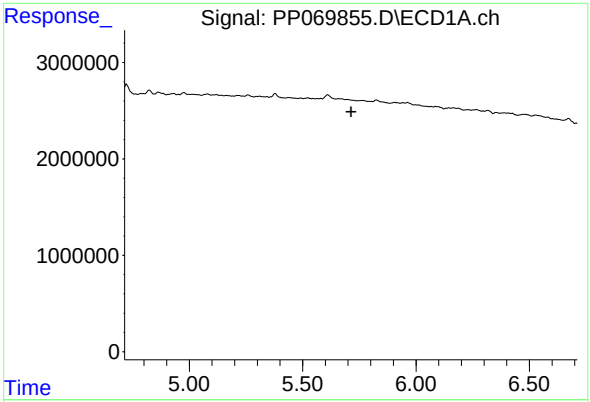
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

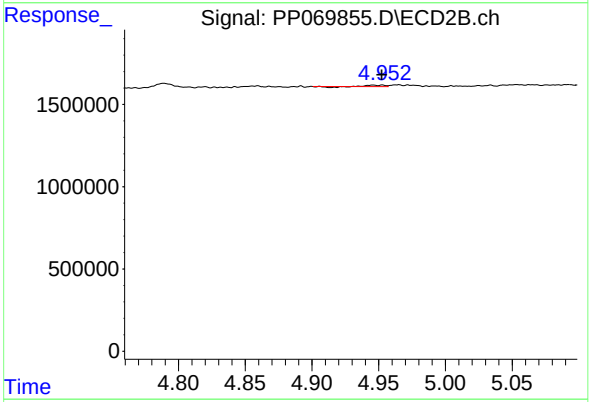
R.T.: 4.946 min
Delta R.T.: 0.013 min
Response: 45553
Conc: 1.58 ng/ml



#17 AR-1242-2

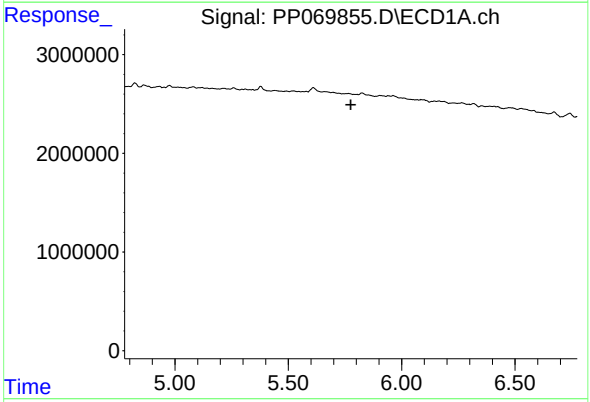
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



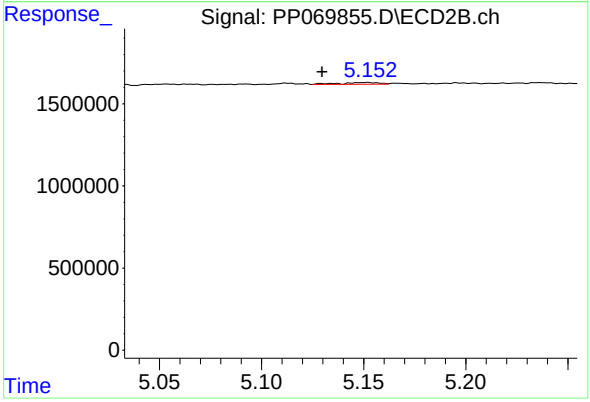
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 45553
Conc: 1.16 ng/ml



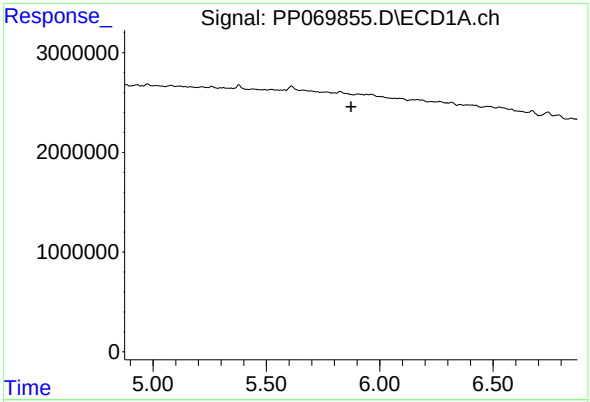
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

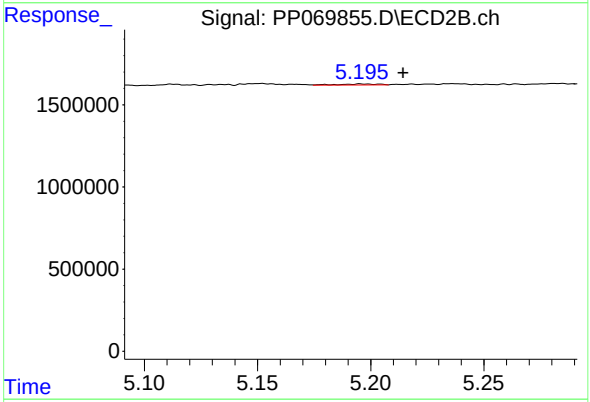
R.T.: 5.151 min
Delta R.T.: 0.022 min
Response: 140753
Conc: 6.25 ng/ml



#19 AR-1242-4

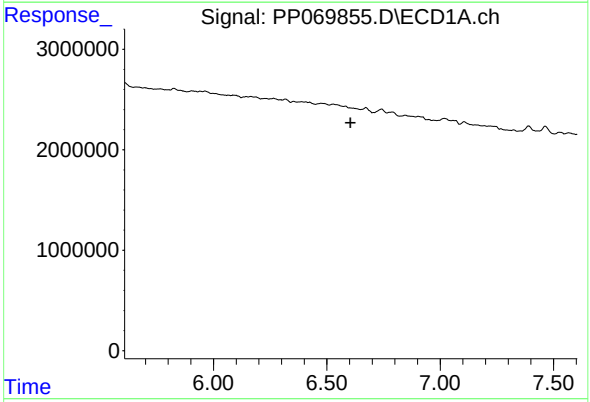
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



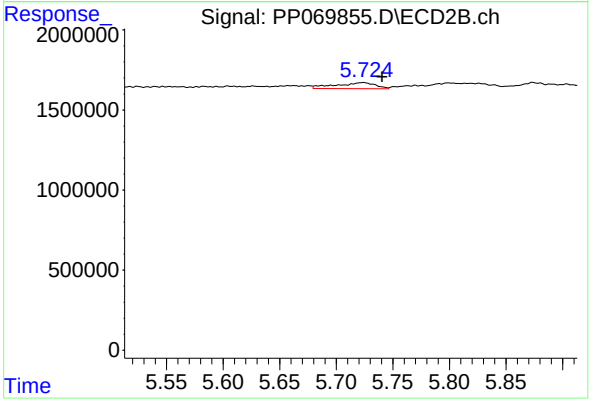
#19 AR-1242-4

R.T.: 5.196 min
Delta R.T.: -0.019 min
Response: 78287
Conc: 3.63 ng/ml



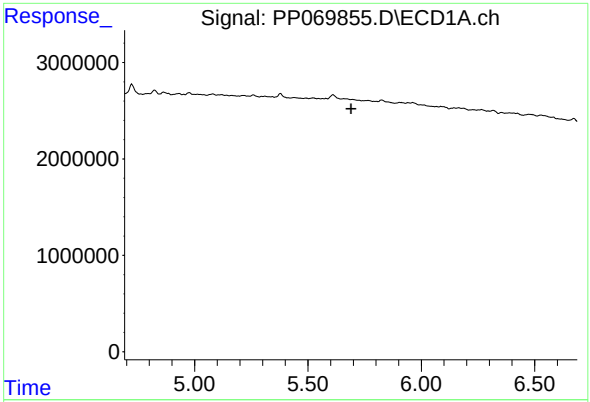
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

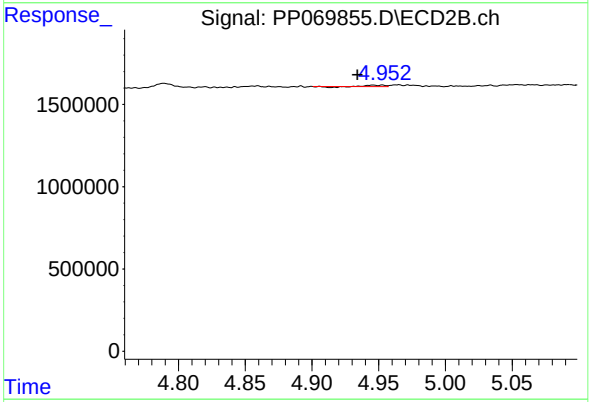
R.T.: 5.724 min
Delta R.T.: -0.017 min
Response: 903526
Conc: 31.41 ng/ml



#21 AR-1248-1

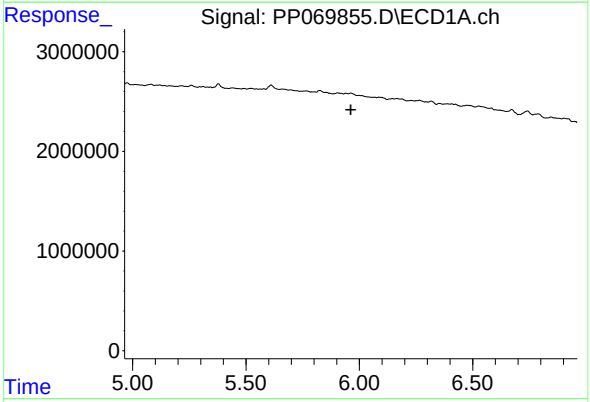
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



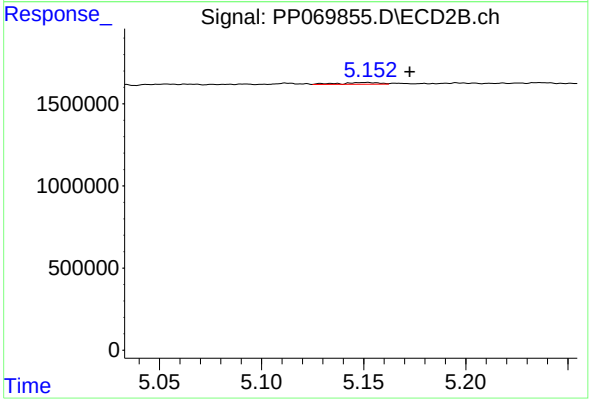
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: 0.012 min
Response: 45553
Conc: 2.07 ng/ml



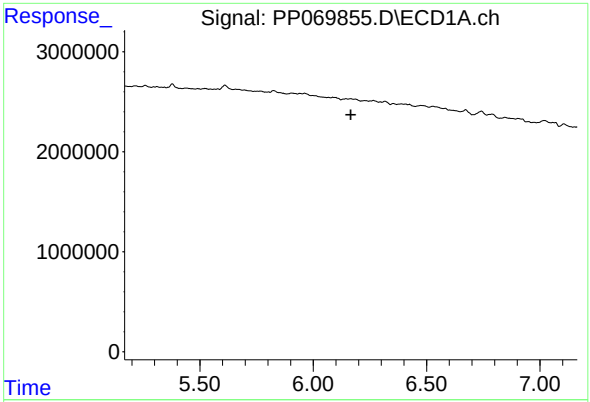
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

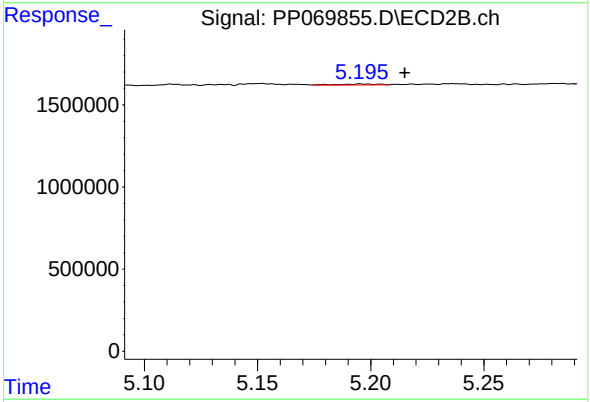
R.T.: 5.151 min
Delta R.T.: -0.021 min
Response: 140753
Conc: 4.68 ng/ml



#23 AR-1248-3

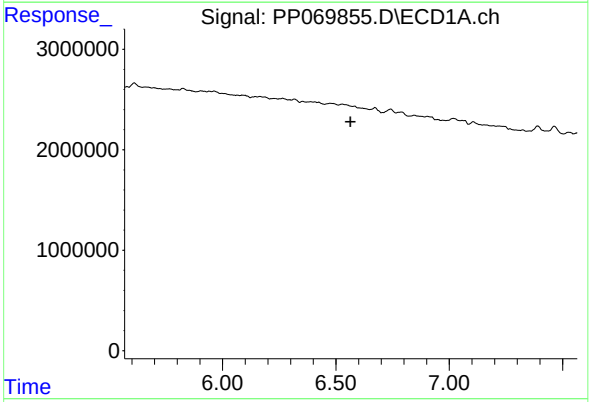
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



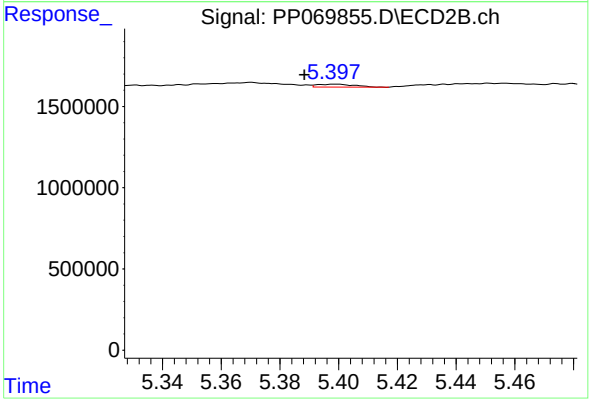
#23 AR-1248-3

R.T.: 5.196 min
Delta R.T.: -0.019 min
Response: 78287
Conc: 2.53 ng/ml



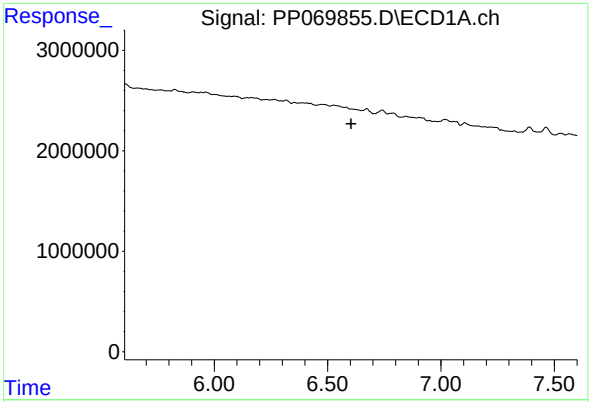
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

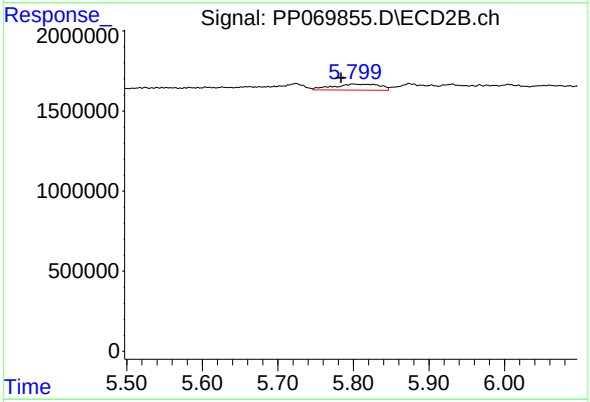
R.T.: 5.399 min
Delta R.T.: 0.011 min
Response: 158996
Conc: 4.30 ng/ml



#25 AR-1248-5

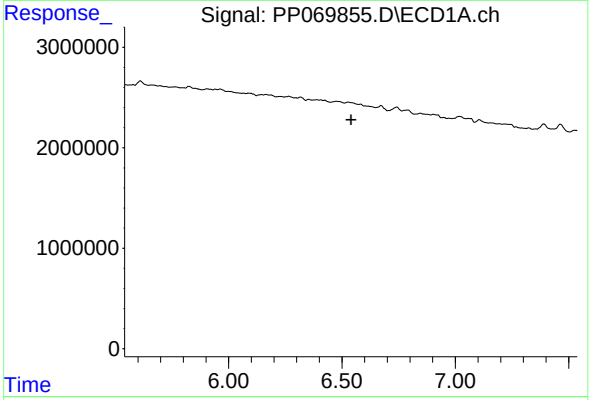
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



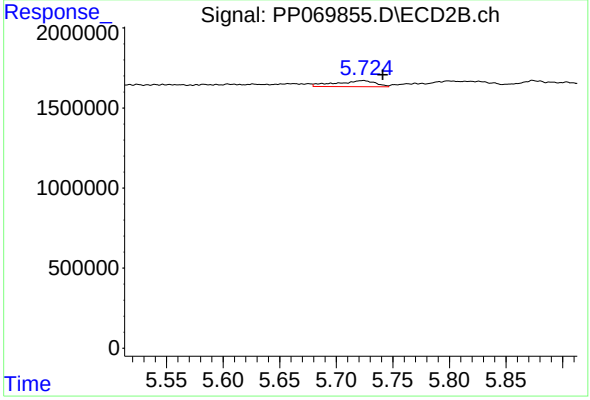
#25 AR-1248-5

R.T.: 5.799 min
Delta R.T.: 0.015 min
Response: 1600265
Conc: 42.80 ng/ml



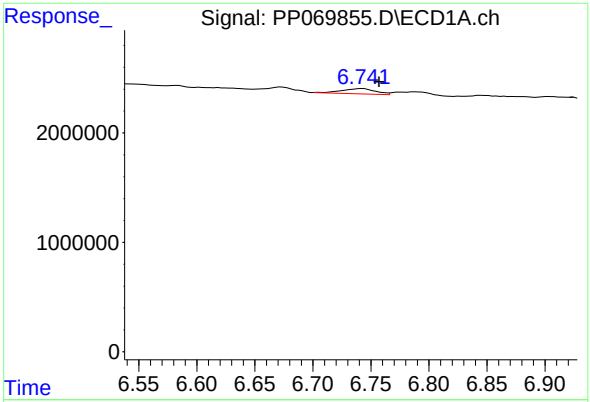
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

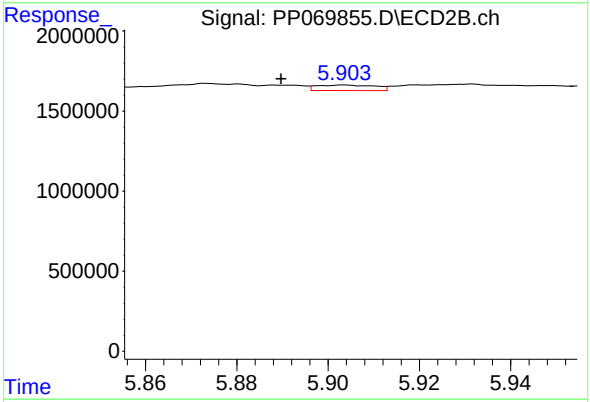
R.T.: 5.724 min
Delta R.T.: -0.017 min
Response: 903526
Conc: 16.41 ng/ml



#27 AR-1254-2

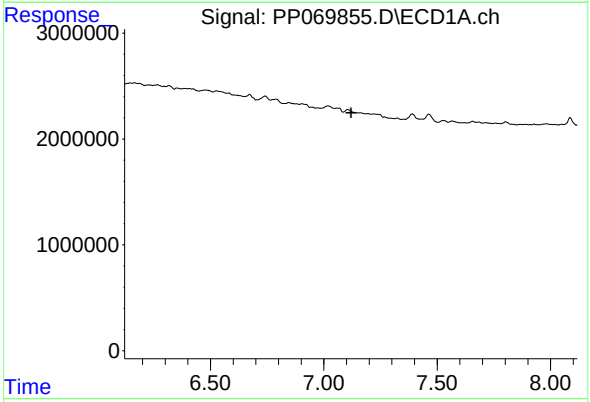
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 978509
Conc: 12.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



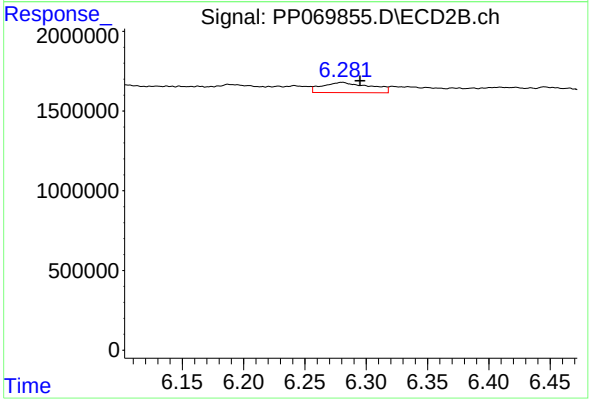
#27 AR-1254-2

R.T.: 5.904 min
Delta R.T.: 0.014 min
Response: 309277
Conc: 6.39 ng/ml



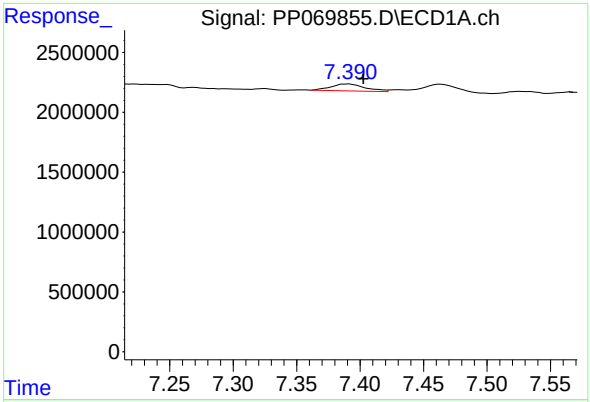
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

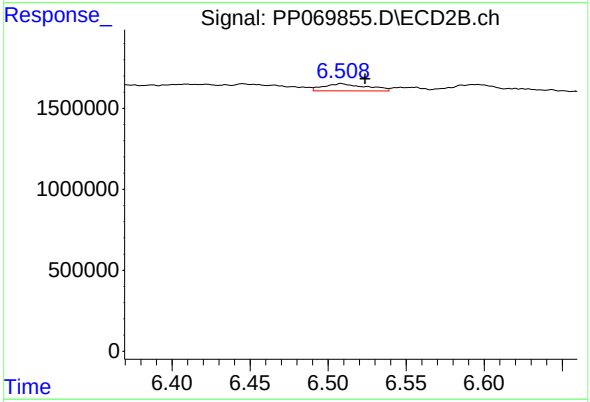
R.T.: 6.280 min
Delta R.T.: -0.014 min
Response: 1746223
Conc: 23.01 ng/ml



#29 AR-1254-4

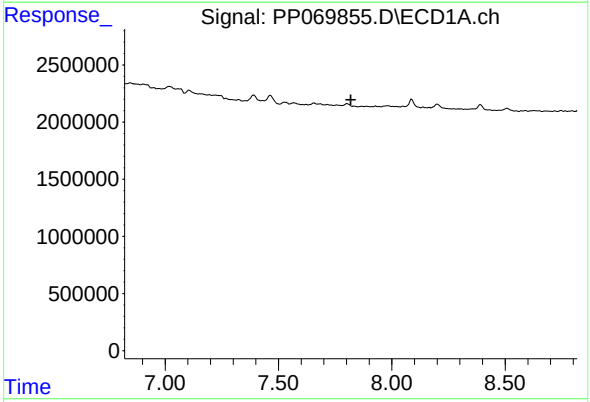
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 1072151
Conc: 15.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



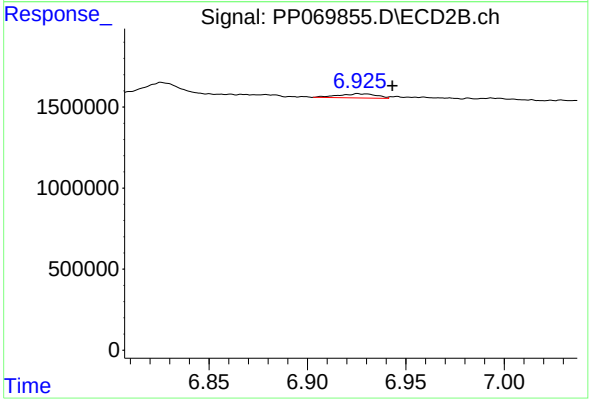
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 842876
Conc: 16.45 ng/ml



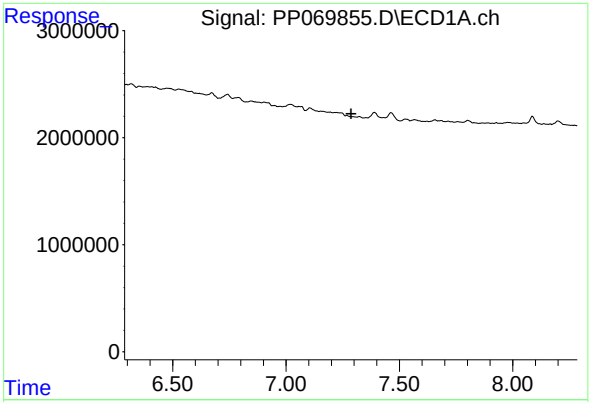
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

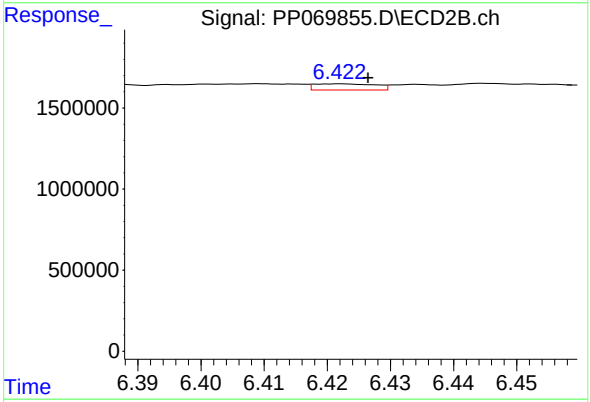
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 347450
Conc: 5.22 ng/ml



#31 AR-1260-1

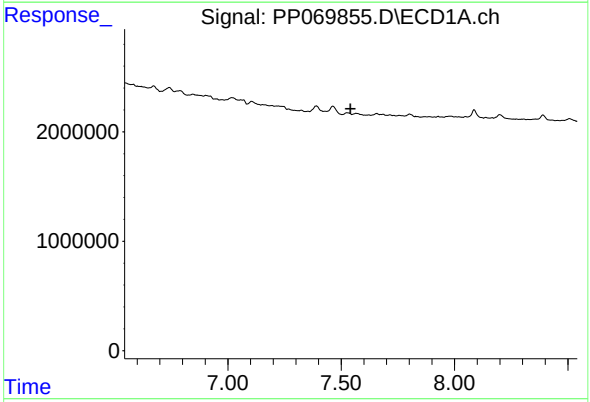
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



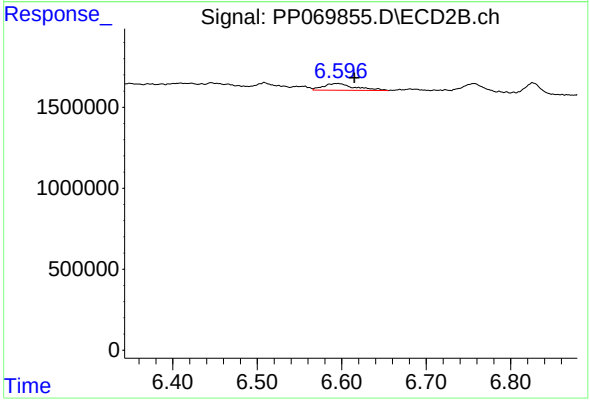
#31 AR-1260-1

R.T.: 6.422 min
Delta R.T.: -0.005 min
Response: 257959
Conc: 5.35 ng/ml



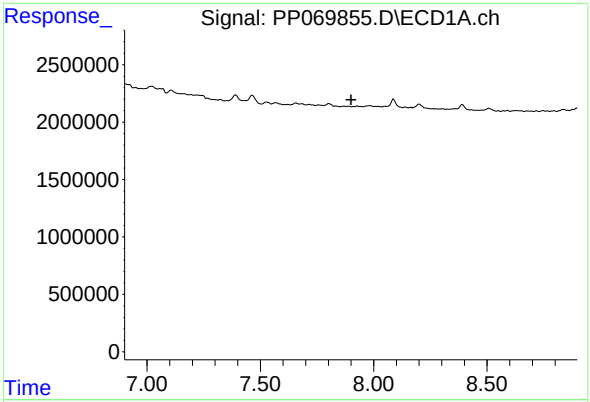
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

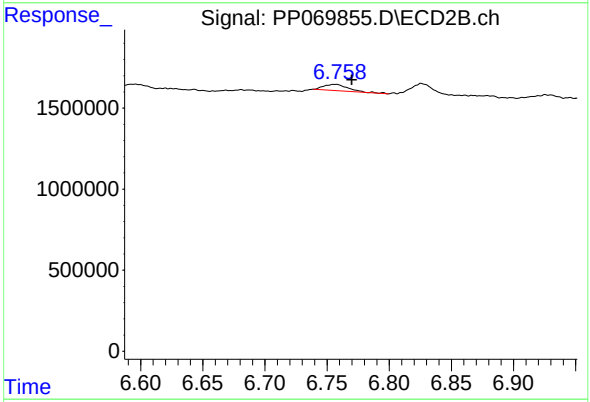
R.T.: 6.595 min
Delta R.T.: -0.020 min
Response: 1094729
Conc: 17.86 ng/ml



#33 AR-1260-3

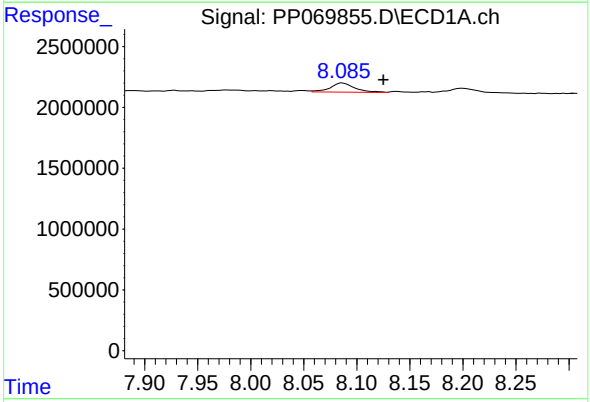
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



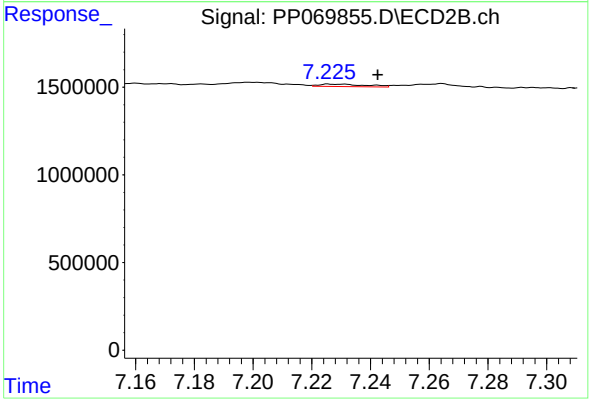
#33 AR-1260-3

R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 531524
Conc: 8.84 ng/ml



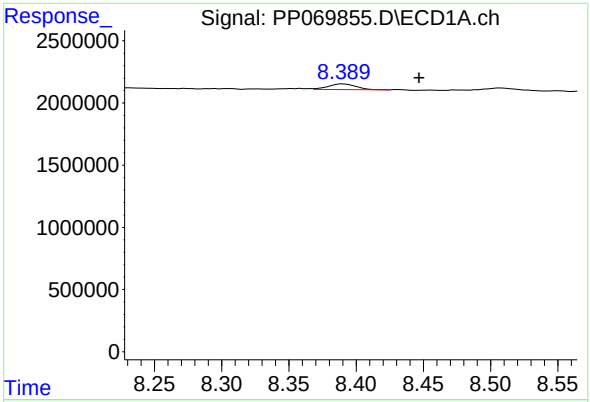
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.039 min
Response: 1210870
Conc: 18.35 ng/ml



#34 AR-1260-4

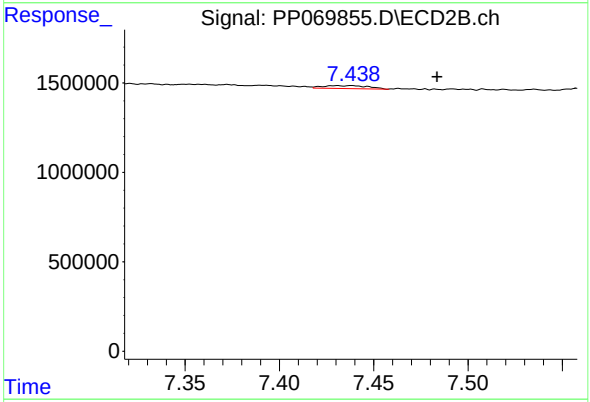
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 156540
Conc: 3.37 ng/ml



#35 AR-1260-5

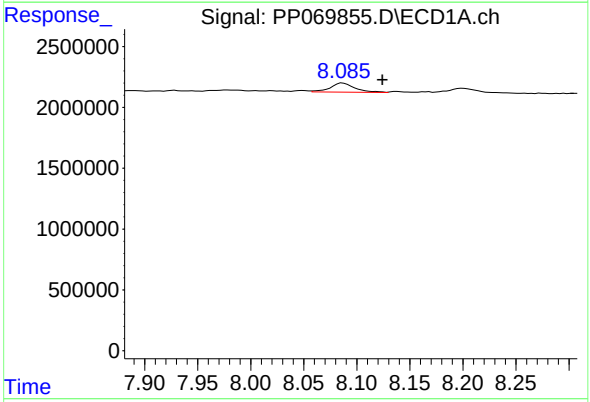
R.T.: 8.390 min
Delta R.T.: -0.057 min
Response: 661082
Conc: 5.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



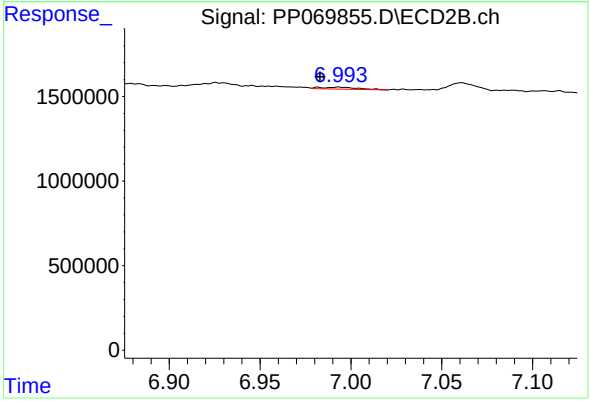
#35 AR-1260-5

R.T.: 7.438 min
Delta R.T.: -0.046 min
Response: 270046
Conc: 2.43 ng/ml



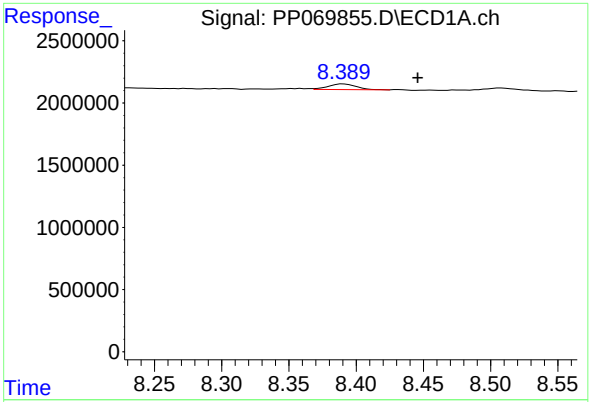
#36 AR-1262-1

R.T.: 8.087 min
Delta R.T.: -0.037 min
Response: 1210870
Conc: 15.32 ng/ml



#36 AR-1262-1

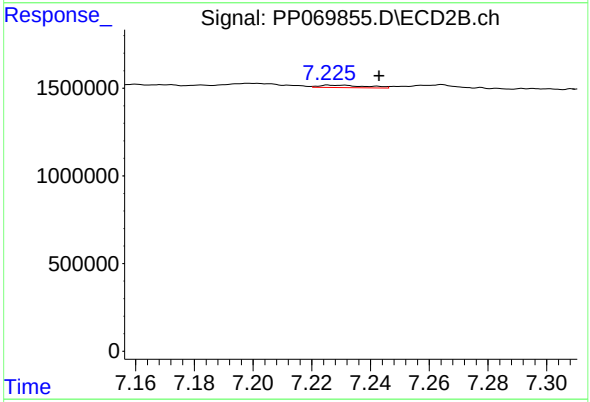
R.T.: 6.993 min
Delta R.T.: 0.010 min
Response: 160053
Conc: 2.25 ng/ml



#37 AR-1262-2

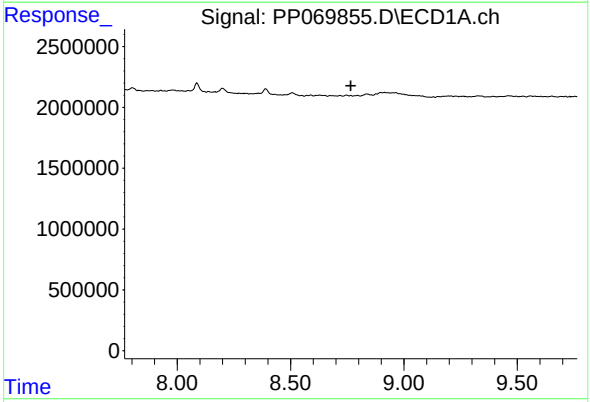
R.T.: 8.390 min
Delta R.T.: -0.056 min
Response: 661082
Conc: 4.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



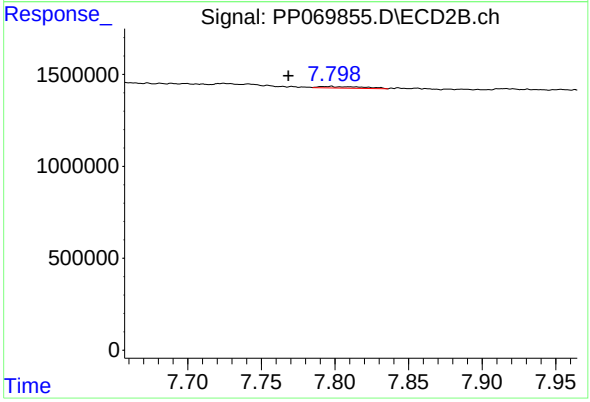
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 156540
Conc: 2.57 ng/ml



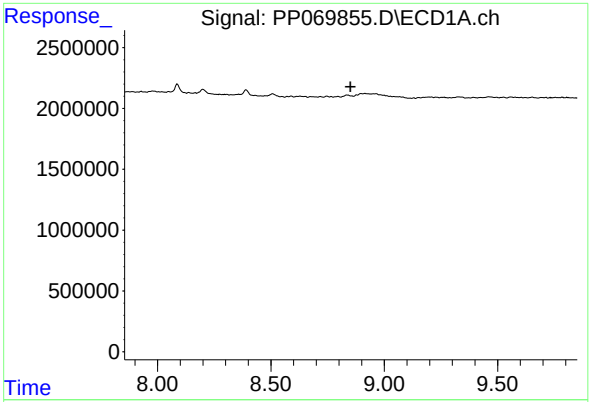
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

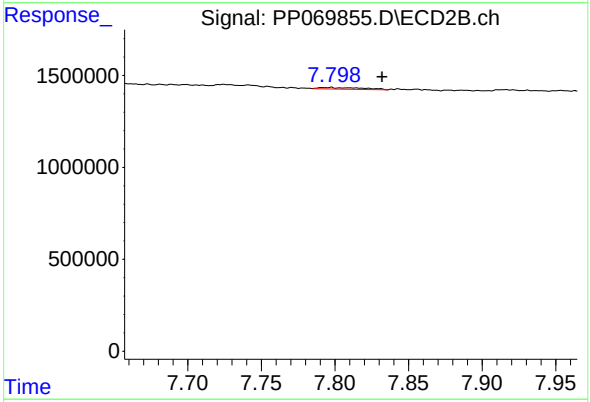
R.T.: 7.797 min
Delta R.T.: 0.029 min
Response: 183921
Conc: 3.52 ng/ml



#39 AR-1262-4

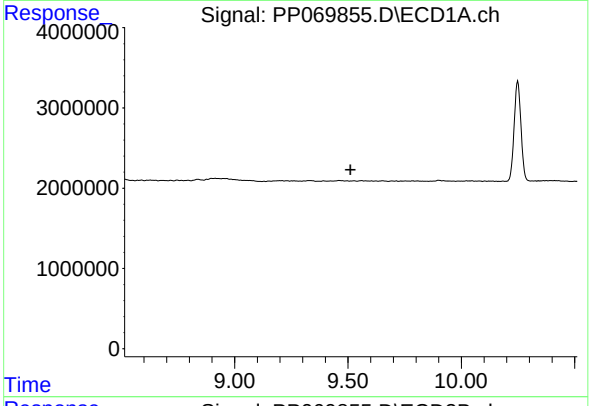
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



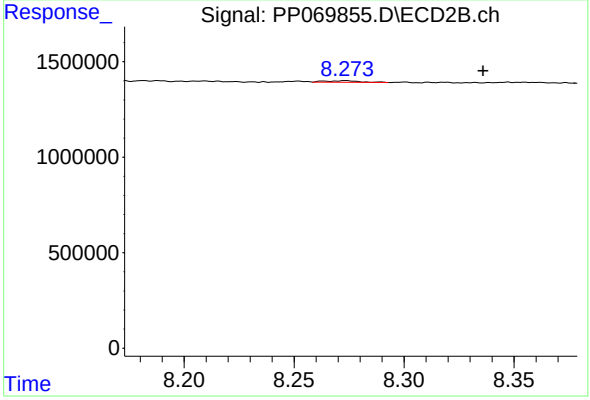
#39 AR-1262-4

R.T.: 7.797 min
Delta R.T.: -0.035 min
Response: 183921
Conc: 1.99 ng/ml



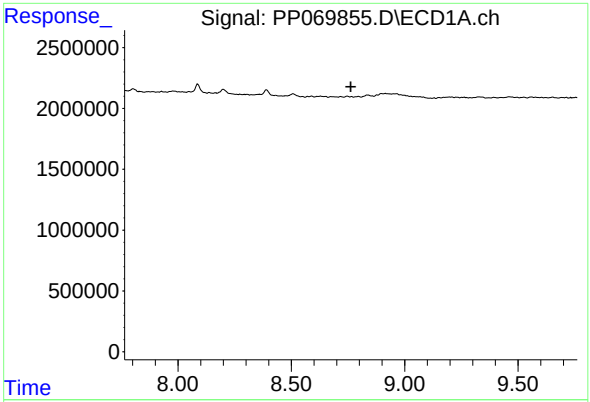
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

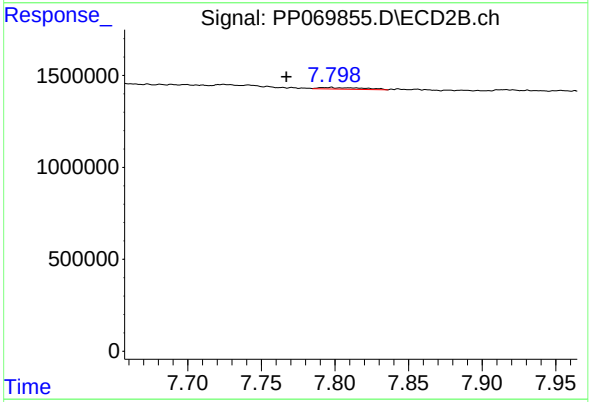
R.T.: 8.273 min
Delta R.T.: -0.063 min
Response: 89132
Conc: 1.86 ng/ml



#41 AR-1268-1

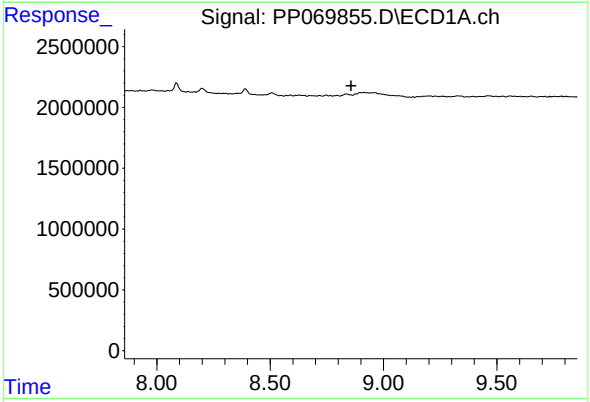
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



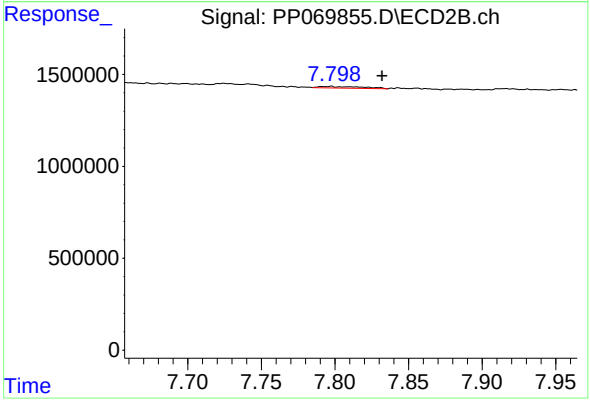
#41 AR-1268-1

R.T.: 7.797 min
Delta R.T.: 0.030 min
Response: 183921
Conc: 1.27 ng/ml



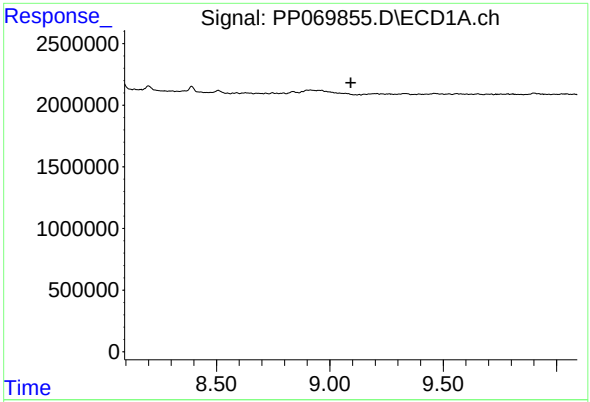
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

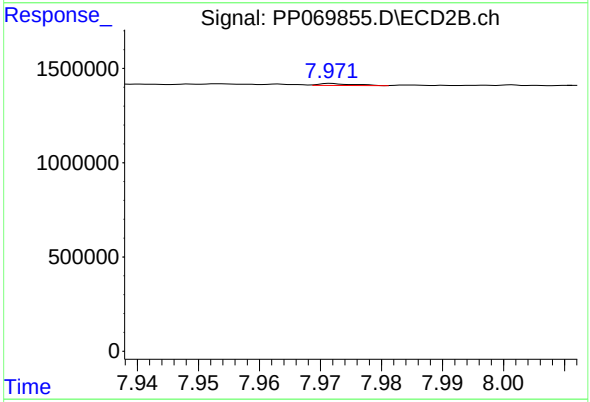
R.T.: 7.797 min
Delta R.T.: -0.035 min
Response: 183921
Conc: 1.38 ng/ml



#43 AR-1268-3

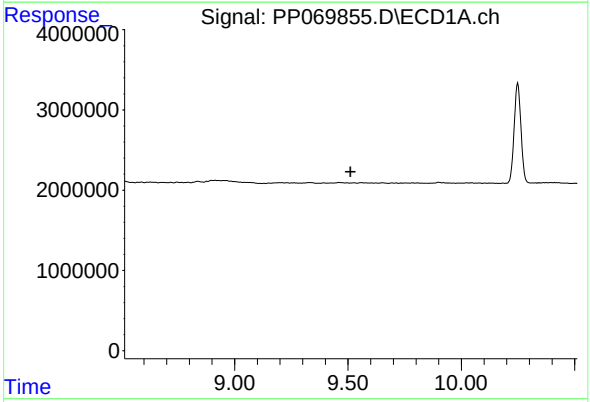
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



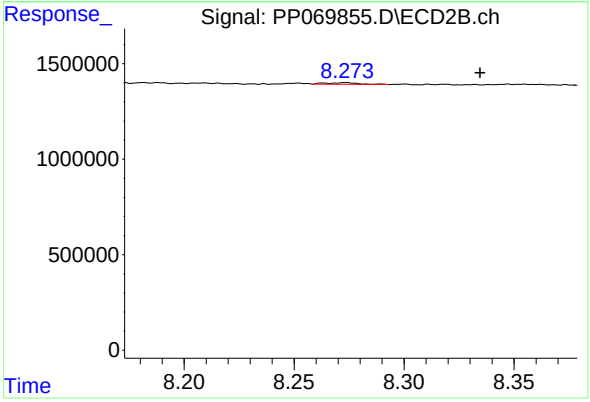
#43 AR-1268-3

R.T.: 7.972 min
Delta R.T.: -0.067 min
Response: 40202
Conc: 0.35 ng/ml



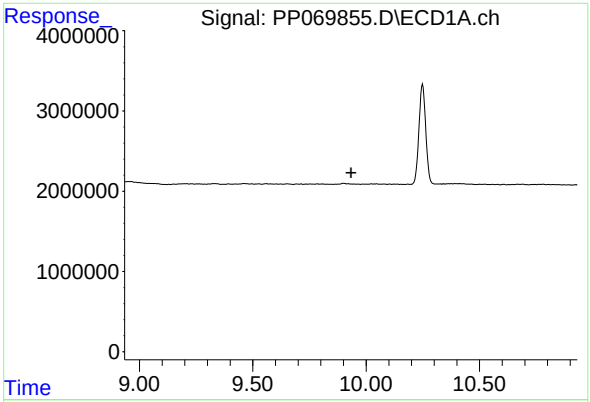
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

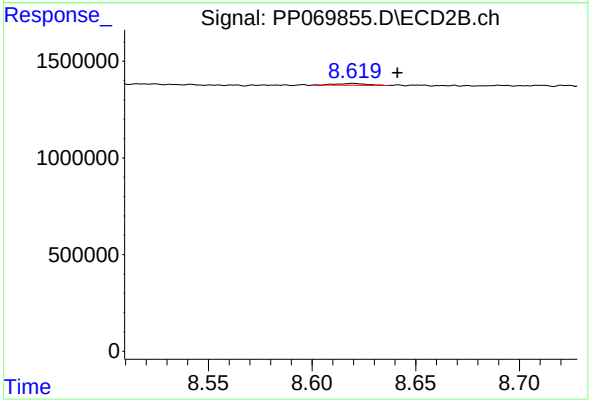
R.T.: 8.273 min
Delta R.T.: -0.061 min
Response: 89132
Conc: 1.71 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 95971
Conc: 0.27 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
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: Feb 22 01:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.830	74273786	42285644	51.886	47.377	
2)	SA Decachlor...	10.254	8.889	55017864	49748869	50.341	44.479	
	Target Compounds							
3)	L1 AR-1016-1	5.702	4.939	34336024	20892241	741.071	640.571	
4)	L1 AR-1016-2	5.702	4.939	34336024	20892241	505.855	464.701	
5)	L1 AR-1016-3	5.764	5.116	21312002	11906058	500.322	478.463	
6)	L1 AR-1016-4	5.862	5.158	18109375	9018642	517.404	446.550	
7)	L1 AR-1016-5	6.155	5.373	15454878	14146523	467.500	527.385	
8)	L2 AR-1221-1	4.724	4.040	2438962	1776685	128.235	144.235	
9)	L2 AR-1221-2	4.815	4.129	3599479	2518842	262.880	260.120	
10)	L2 AR-1221-3	4.890	4.204	12571352	9020601	299.722	309.198	
11)	L3 AR-1232-1	4.890	4.204	12571352	9020601	377.590	384.191	
12)	L3 AR-1232-2	5.415	4.939	16264233	20892241	995.241	886.325	
13)	L3 AR-1232-3	5.702	5.116	34336024	11906058	999.332	919.582	
14)	L3 AR-1232-4	5.862	5.200	18109375	11335451	1016.456	1022.473	
15)	L3 AR-1232-5	5.952	5.373	14862354	14146523	1296.616	1158.571	
16)	L4 AR-1242-1	5.702	4.939	34336024	20892241	823.302	724.619	
17)	L4 AR-1242-2	5.702	4.939	34336024	20892241	582.056	530.290	
18)	L4 AR-1242-3	5.764	5.116	21312002	11906058	574.469	529.062	
19)	L4 AR-1242-4	5.862	5.200	18109375	11335451	552.205	525.221	
20)	L4 AR-1242-5	6.593	5.727	7437703	13013228	228.260	452.345	#
21)	L5 AR-1248-1	5.680	4.939	23688470	20892241	730.245	949.192	#
22)	L5 AR-1248-2	5.952	5.158	14862354	9018642	350.144	299.976	
23)	L5 AR-1248-3	6.155	5.200	15454878	11335451	328.917	365.845	
24)	L5 AR-1248-4	6.593	5.373	7437703	14146523	134.933	382.921	#
25)	L5 AR-1248-5	6.593	5.767	7437703	3647630	139.325	97.558	#
26)	L6 AR-1254-1	6.530	5.727	21525494	13013228	372.003	236.364	#
27)	L6 AR-1254-2	6.746	5.875	15032649	9797748	187.342	202.563	
28)	L6 AR-1254-3	7.109	6.296	9057379	23647063	107.457	311.572	#
29)	L6 AR-1254-4	7.392	6.539	7354398	5999085	107.855	117.056	
30)	L6 AR-1254-5	7.808	6.926	45369643	29662422	666.748	445.646	#
31)	L7 AR-1260-1	7.274	6.411	30046490	24122751	514.175	500.166	
32)	L7 AR-1260-2	7.528	6.599	37026605	30456410	475.841	496.812	
33)	L7 AR-1260-3	7.886	6.753	30518852	17951035	488.151	298.406	#
34)	L7 AR-1260-4	8.111	7.226	30847543	22074431	467.552	475.049	
35)	L7 AR-1260-5	8.431	7.466	63097270	53922596	481.931	485.155	
36)	L8 AR-1262-1	8.111	6.966	30847543	26325705	390.385	370.716	
37)	L8 AR-1262-2	8.431	7.226	63097270	22074431	412.607	361.998	
38)	L8 AR-1262-3	8.756	7.750	40160485	14378825	377.875	274.934	#
39)	L8 AR-1262-4	8.834	7.814	26215130	39797228	320.506	430.536	#
40)	L8 AR-1262-5	9.492	8.316	19164402	16453225	338.533	344.266	
41)	L9 AR-1268-1	8.756	7.750	40160485	14378825	227.437	99.081	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
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: Feb 22 01:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.834	7.814	26215130	39797228	166.581	299.643 #
43) L9	AR-1268-3	9.073	8.022	784852	682479	5.869	6.000
44) L9	AR-1268-4	9.492	8.316	19164402	16453225	326.365	315.934
45) L9	AR-1268-5	9.911	8.621	5225469	4028488	13.719	11.310

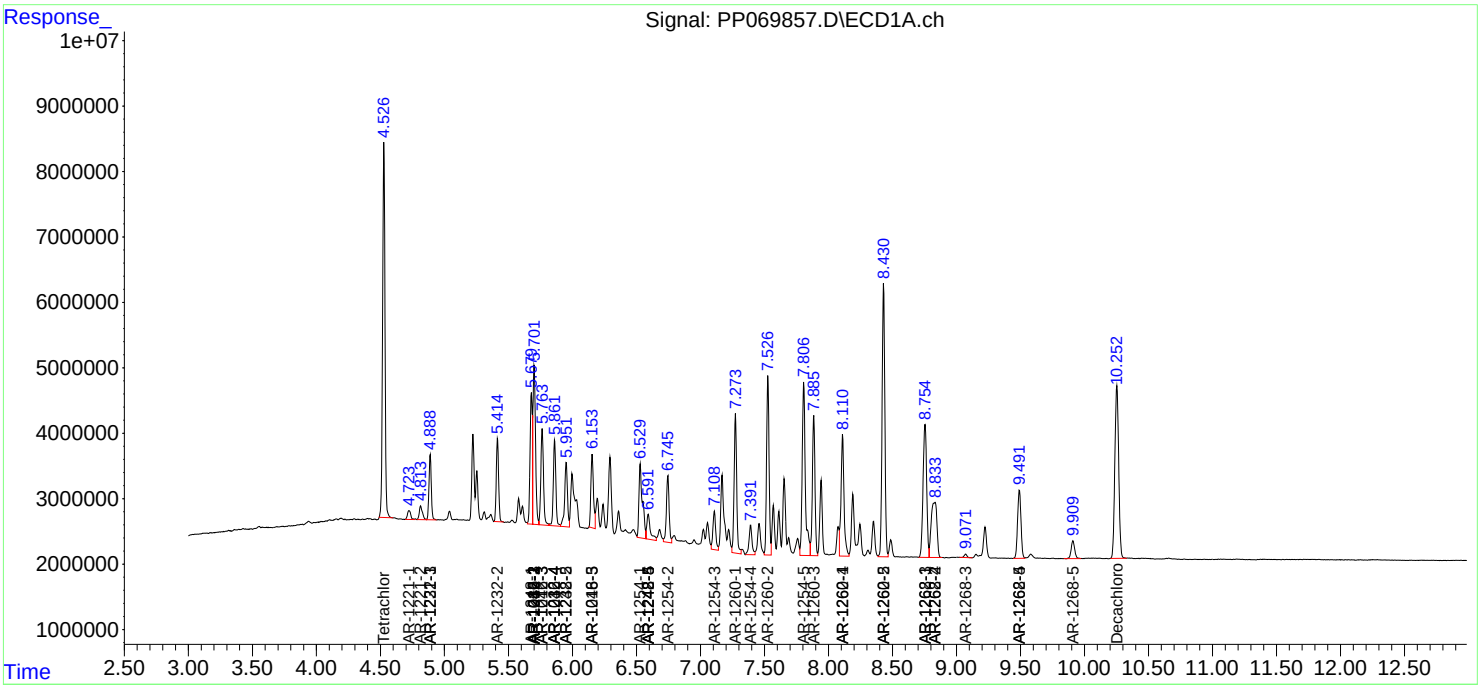
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

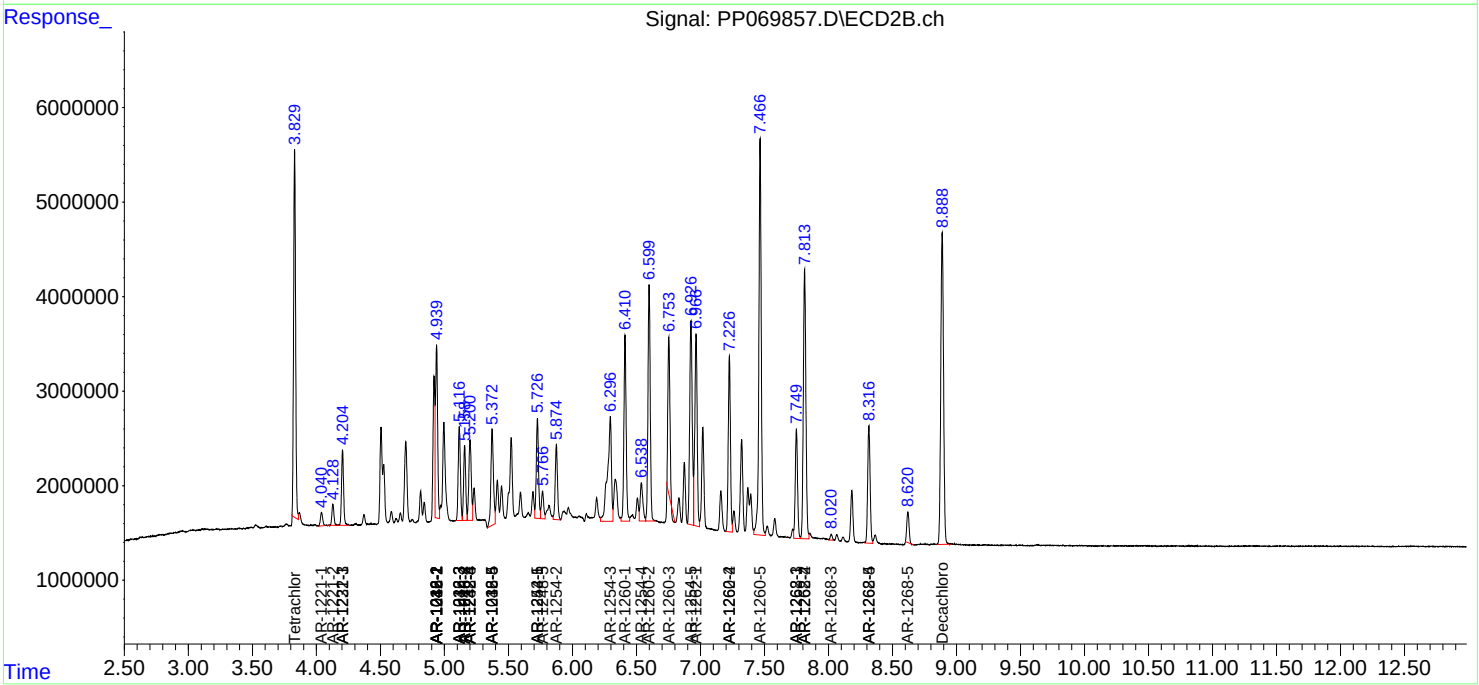
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

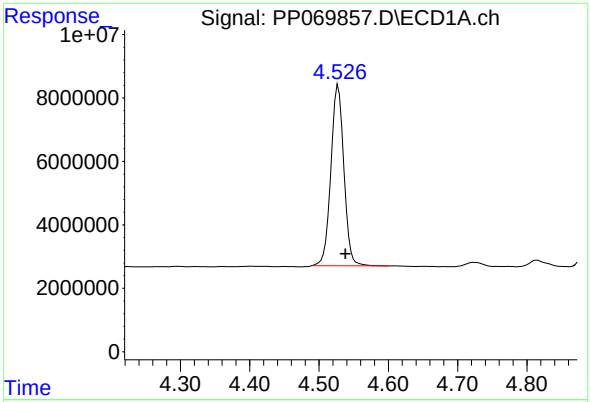
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



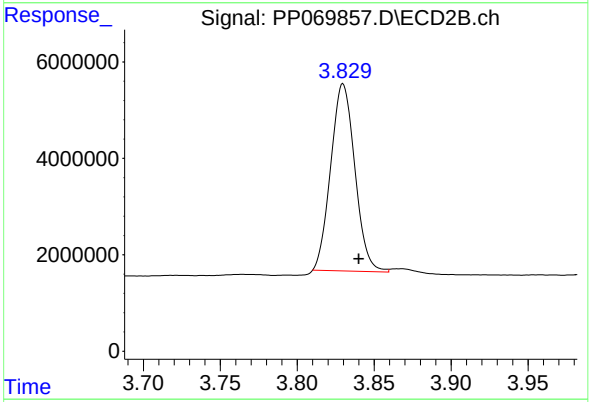




#1 Tetrachloro-m-xylene

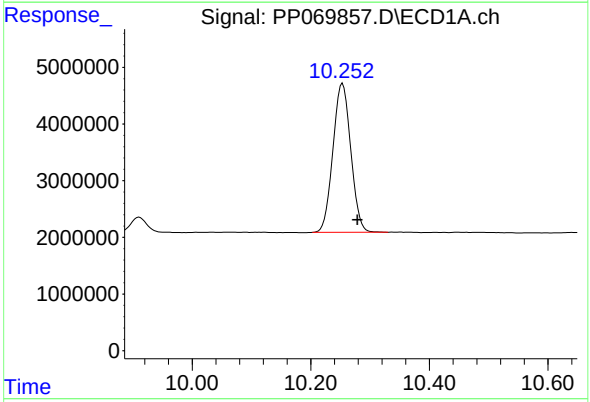
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 74273786
Conc: 51.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



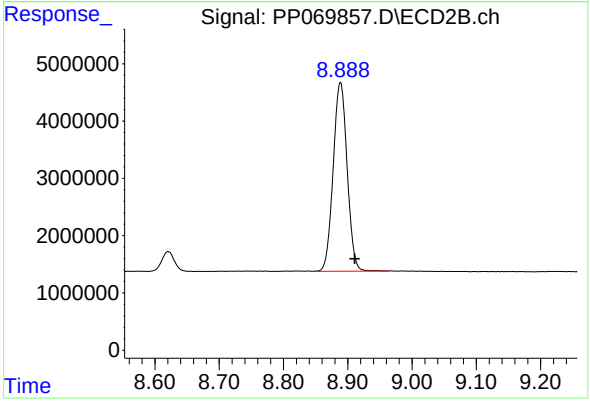
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 42285644
Conc: 47.38 ng/ml



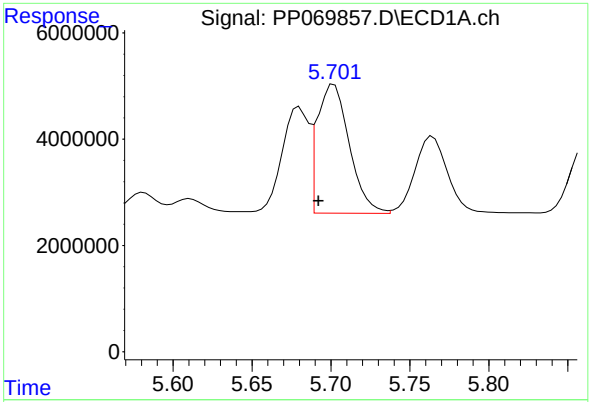
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 55017864
Conc: 50.34 ng/ml



#2 Decachlorobiphenyl

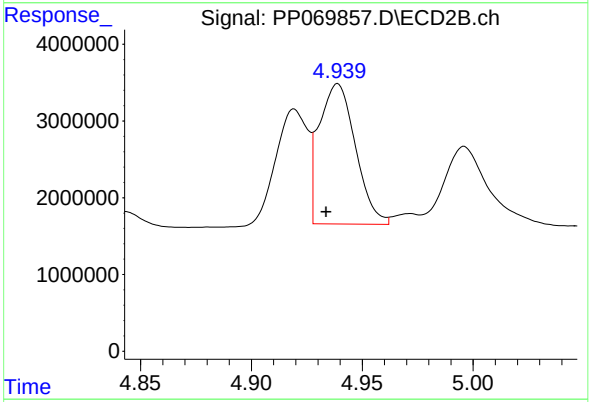
R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 49748869
Conc: 44.48 ng/ml



#3 AR-1016-1

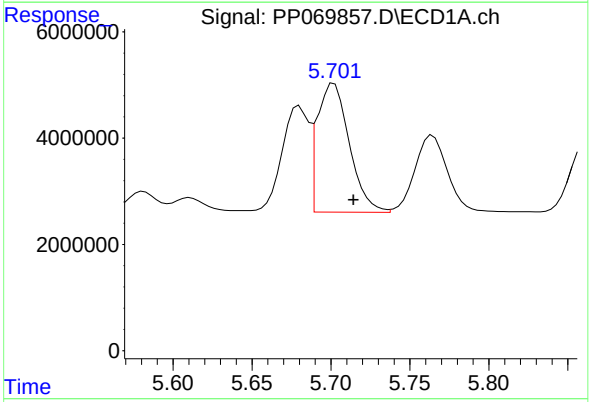
R.T.: 5.702 min
Delta R.T.: 0.010 min
Response: 34336024
Conc: 741.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



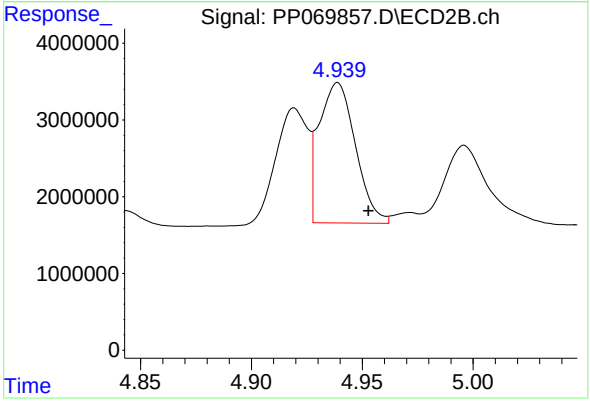
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20892241
Conc: 640.57 ng/ml



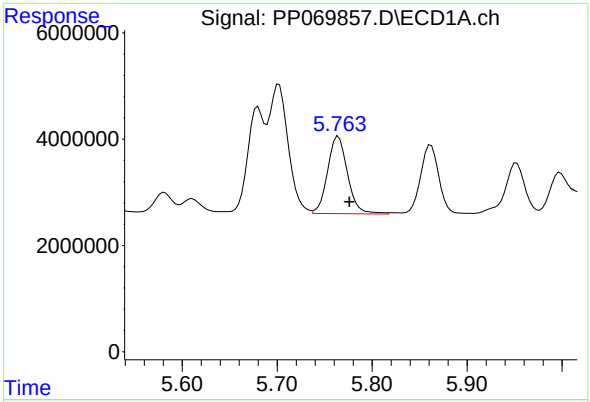
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 34336024
Conc: 505.86 ng/ml



#4 AR-1016-2

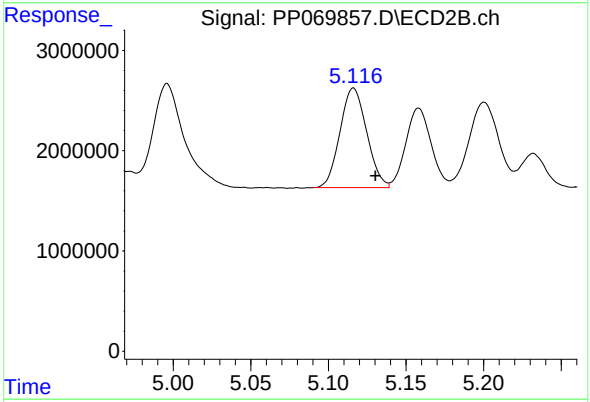
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20892241
Conc: 464.70 ng/ml



#5 AR-1016-3

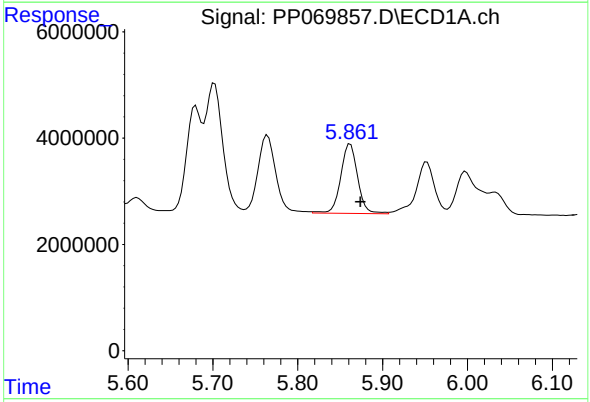
R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 21312002
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



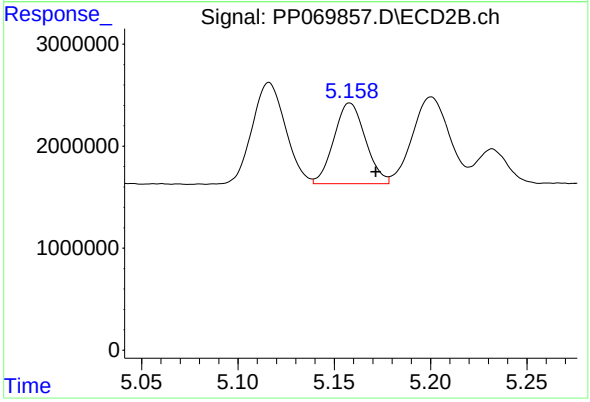
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 11906058
Conc: 478.46 ng/ml



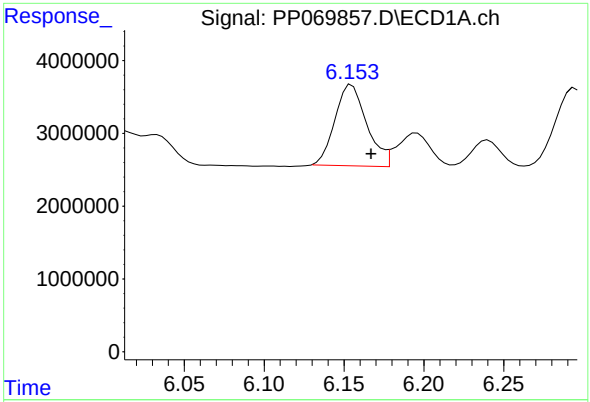
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 18109375
Conc: 517.40 ng/ml



#6 AR-1016-4

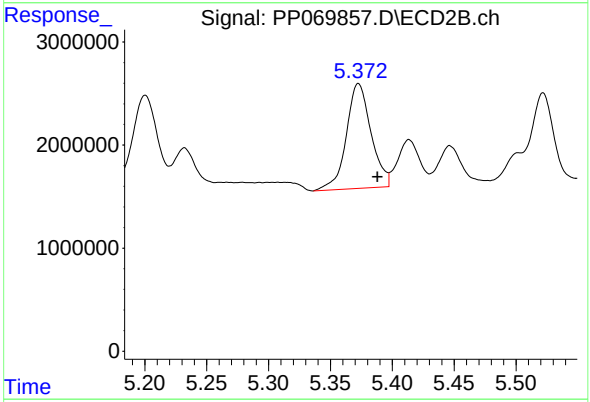
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9018642
Conc: 446.55 ng/ml



#7 AR-1016-5

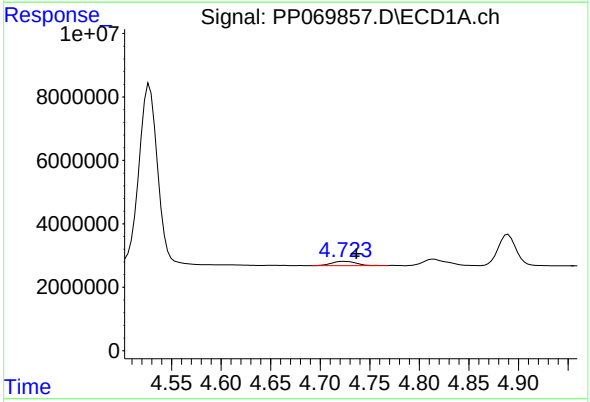
R.T.: 6.155 min
Delta R.T.: -0.012 min
Response: 15454878
Conc: 467.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



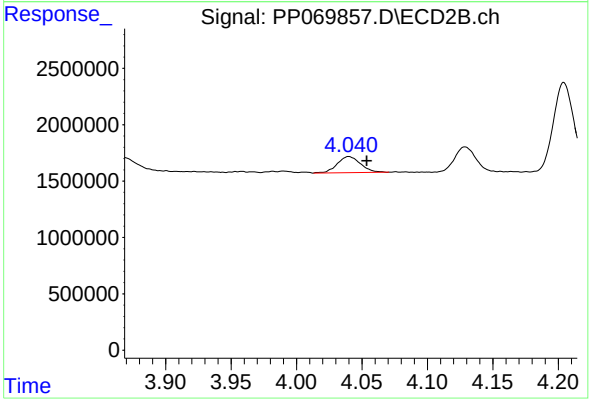
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 14146523
Conc: 527.39 ng/ml



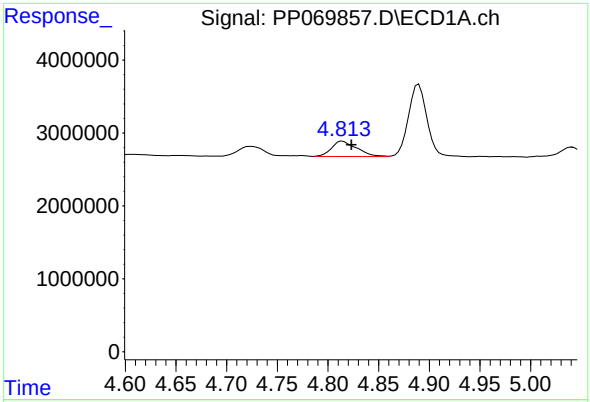
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 2438962
Conc: 128.23 ng/ml



#8 AR-1221-1

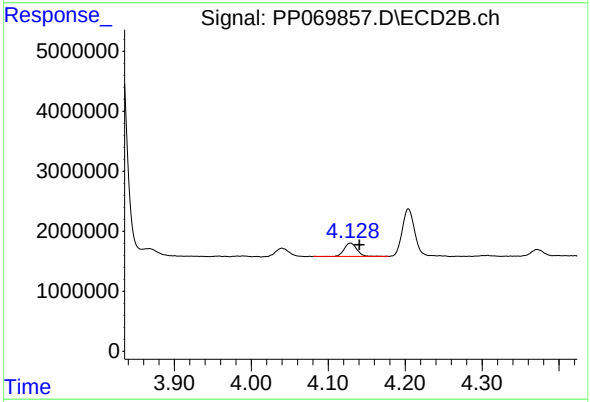
R.T.: 4.040 min
Delta R.T.: -0.014 min
Response: 1776685
Conc: 144.23 ng/ml



#9 AR-1221-2

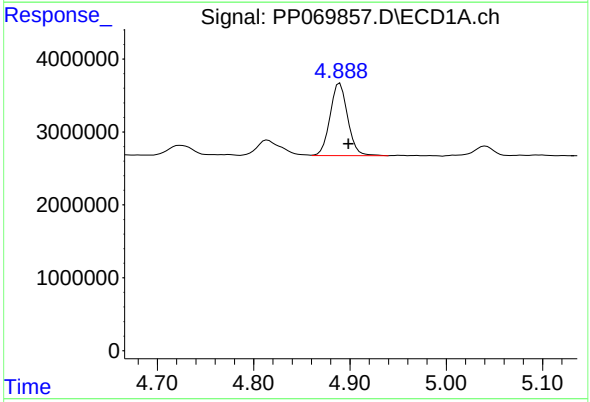
R.T.: 4.815 min
Delta R.T.: -0.009 min
Response: 3599479
Conc: 262.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



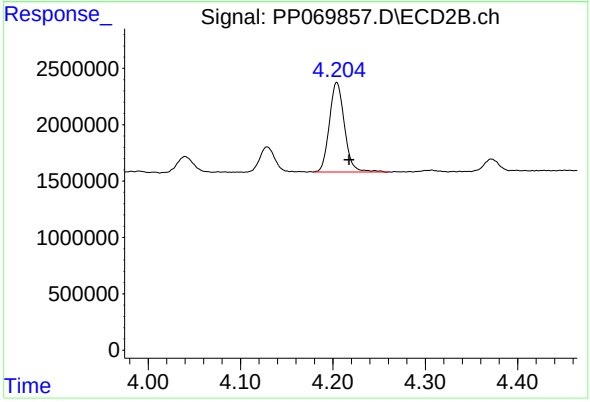
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2518842
Conc: 260.12 ng/ml



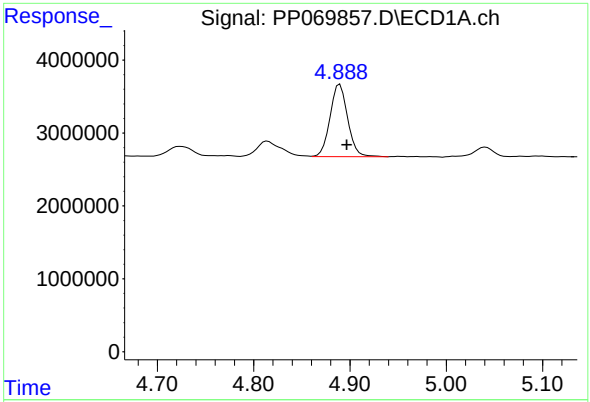
#10 AR-1221-3

R.T.: 4.890 min
Delta R.T.: -0.009 min
Response: 12571352
Conc: 299.72 ng/ml



#10 AR-1221-3

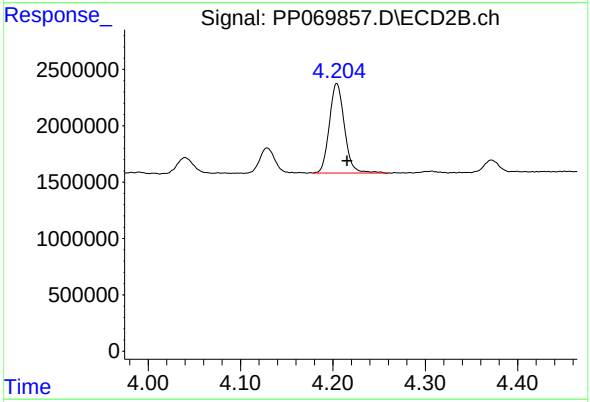
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 9020601
Conc: 309.20 ng/ml



#11 AR-1232-1

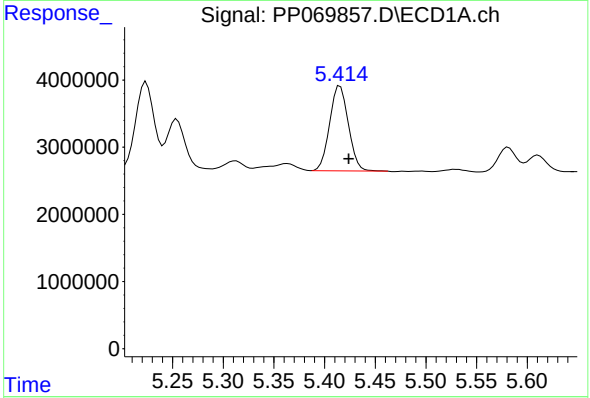
R.T.: 4.890 min
Delta R.T.: -0.007 min
Response: 12571352
Conc: 377.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



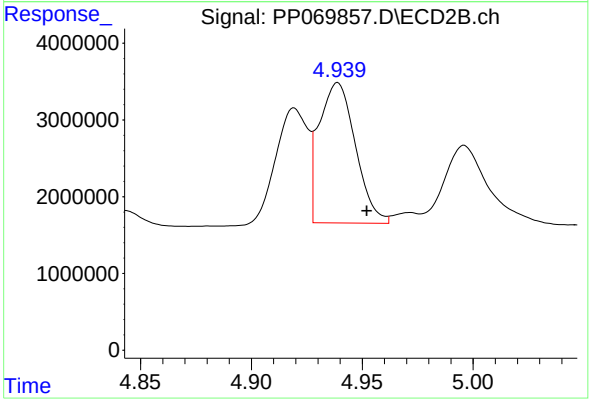
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 9020601
Conc: 384.19 ng/ml



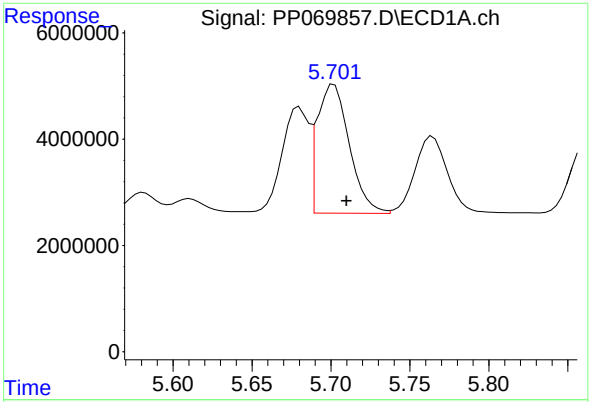
#12 AR-1232-2

R.T.: 5.415 min
Delta R.T.: -0.008 min
Response: 16264233
Conc: 995.24 ng/ml



#12 AR-1232-2

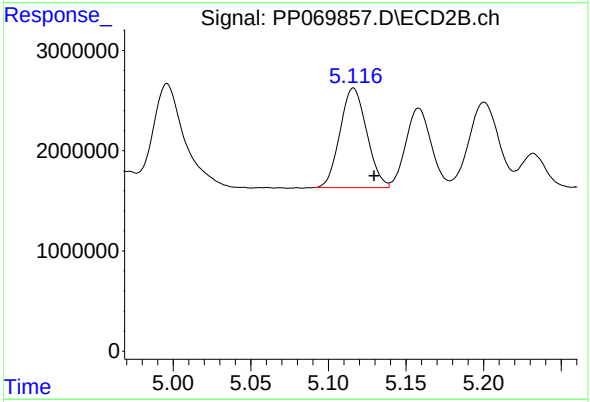
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20892241
Conc: 886.32 ng/ml



#13 AR-1232-3

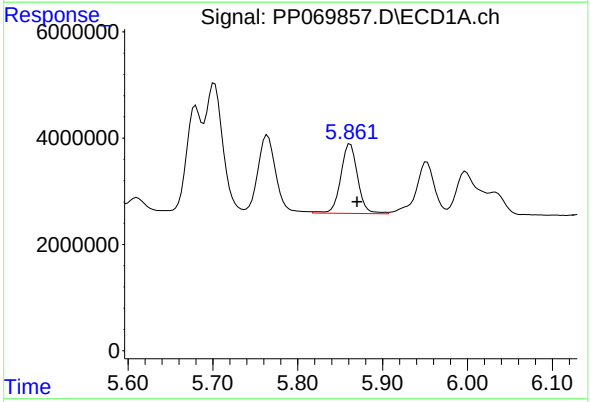
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 34336024
Conc: 999.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



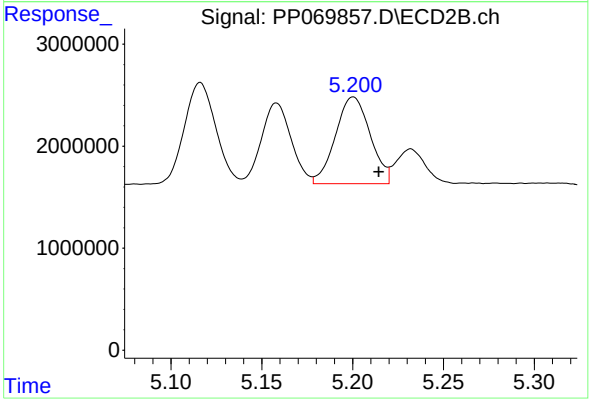
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 11906058
Conc: 919.58 ng/ml



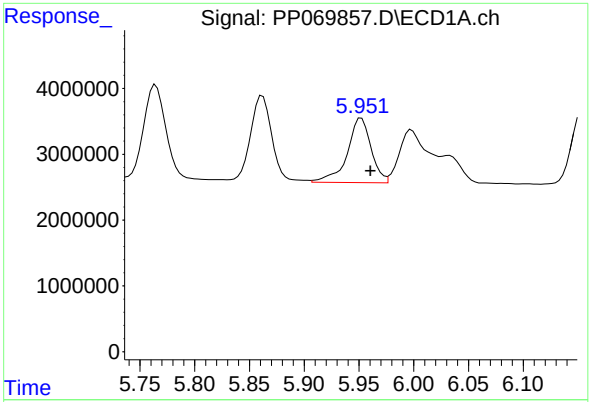
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: -0.008 min
Response: 18109375
Conc: 1016.46 ng/ml



#14 AR-1232-4

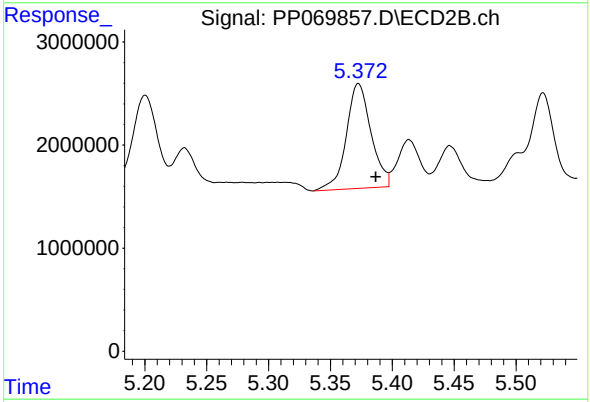
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11335451
Conc: 1022.47 ng/ml



#15 AR-1232-5

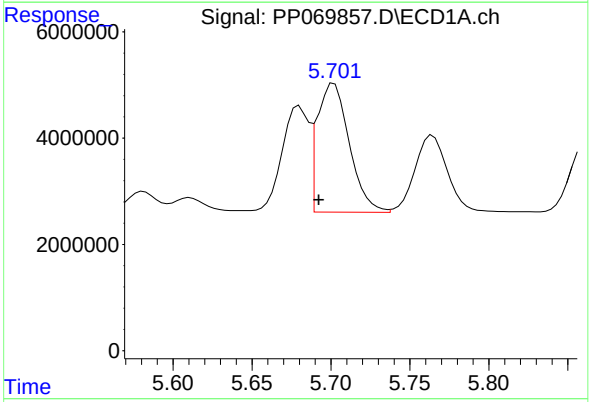
R.T.: 5.952 min
Delta R.T.: -0.008 min
Response: 14862354
Conc: 1296.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



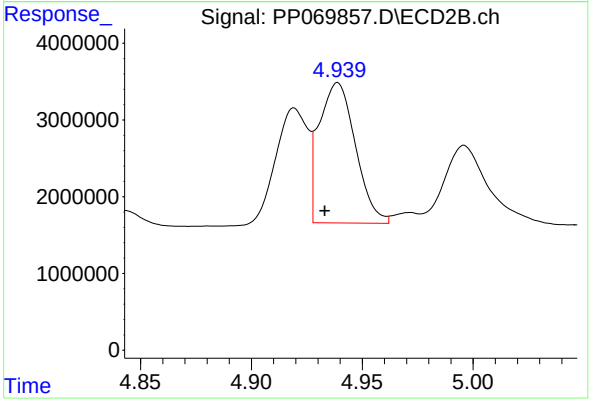
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 14146523
Conc: 1158.57 ng/ml



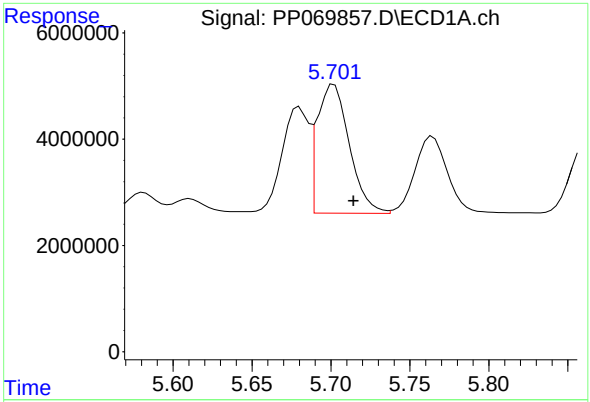
#16 AR-1242-1

R.T.: 5.702 min
Delta R.T.: 0.010 min
Response: 34336024
Conc: 823.30 ng/ml



#16 AR-1242-1

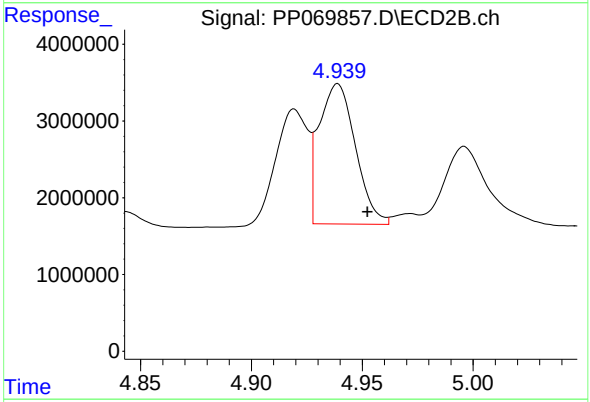
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20892241
Conc: 724.62 ng/ml



#17 AR-1242-2

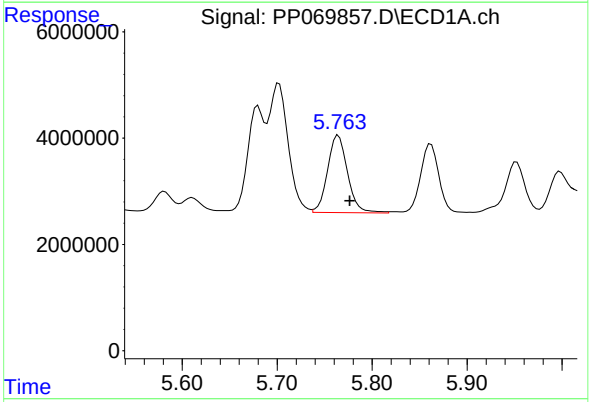
R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 34336024
Conc: 582.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



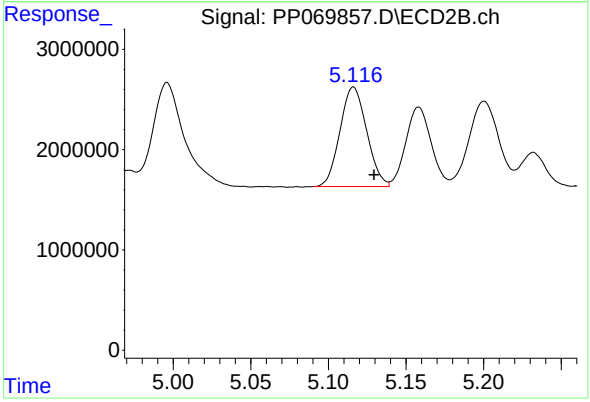
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20892241
Conc: 530.29 ng/ml



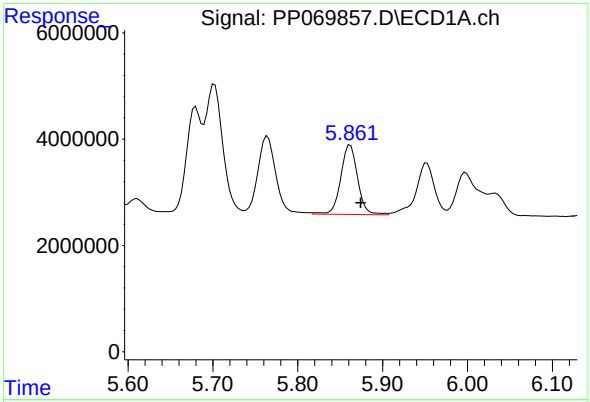
#18 AR-1242-3

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 21312002
Conc: 574.47 ng/ml



#18 AR-1242-3

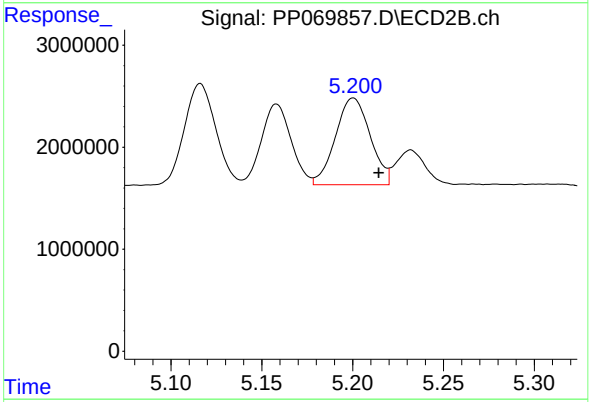
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 11906058
Conc: 529.06 ng/ml



#19 AR-1242-4

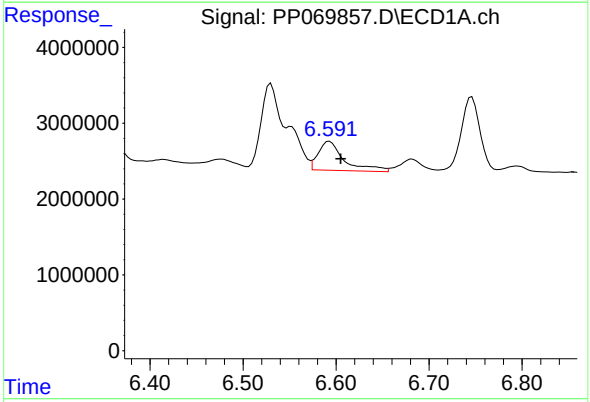
R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 18109375
Conc: 552.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



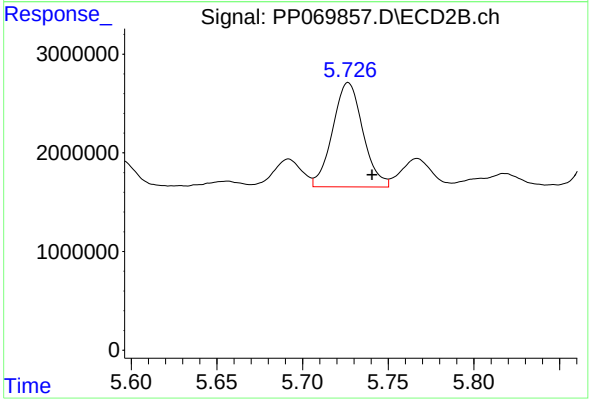
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11335451
Conc: 525.22 ng/ml



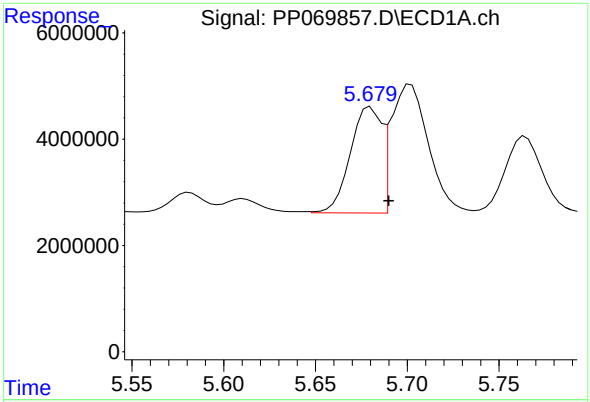
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.012 min
Response: 7437703
Conc: 228.26 ng/ml



#20 AR-1242-5

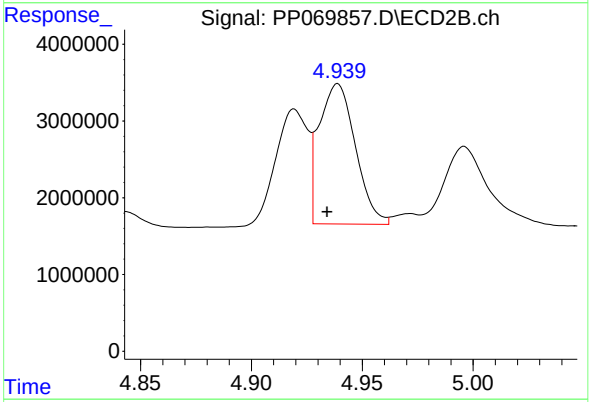
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 13013228
Conc: 452.35 ng/ml



#21 AR-1248-1

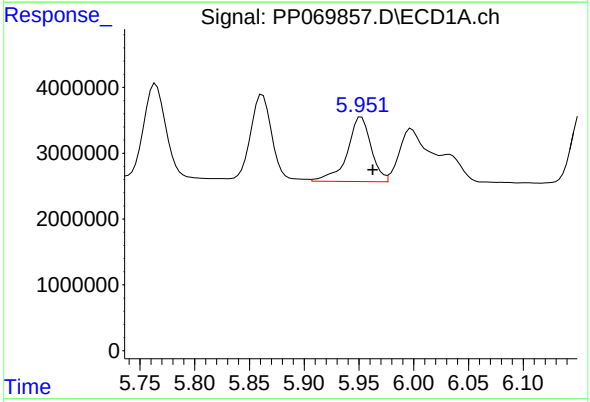
R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 23688470
Conc: 730.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



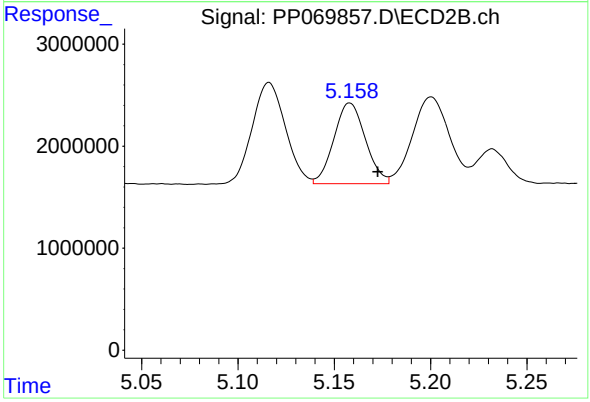
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20892241
Conc: 949.19 ng/ml



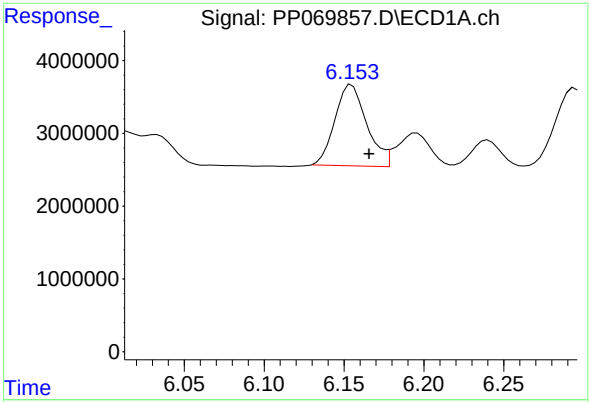
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.011 min
Response: 14862354
Conc: 350.14 ng/ml



#22 AR-1248-2

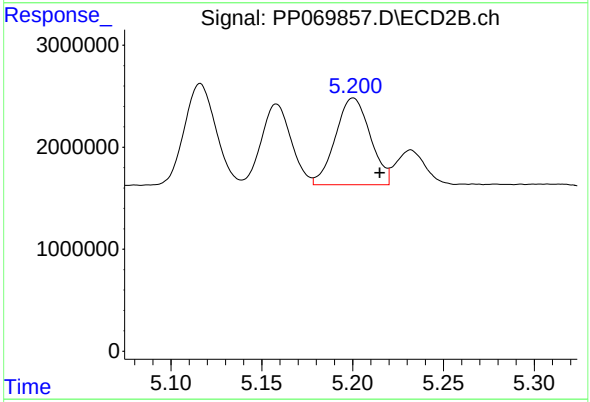
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9018642
Conc: 299.98 ng/ml



#23 AR-1248-3

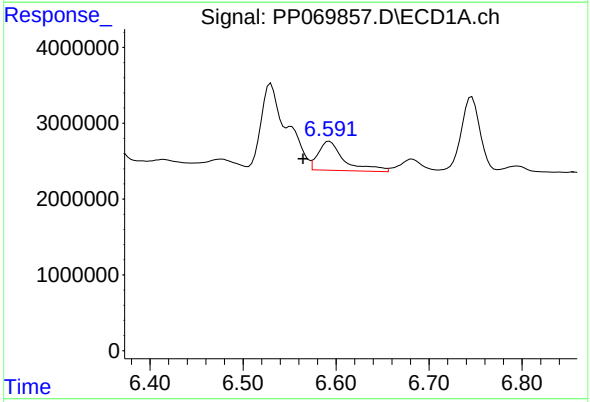
R.T.: 6.155 min
Delta R.T.: -0.011 min
Response: 15454878
Conc: 328.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



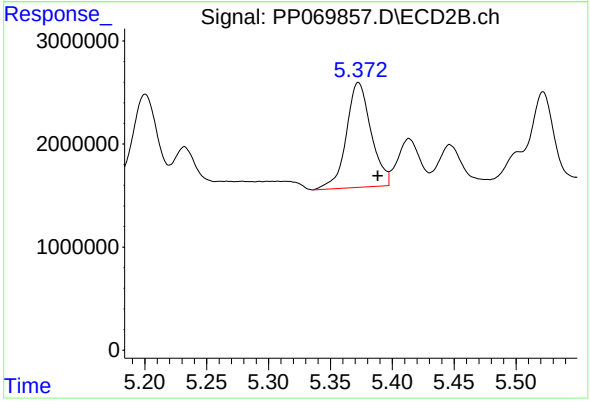
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 11335451
Conc: 365.85 ng/ml



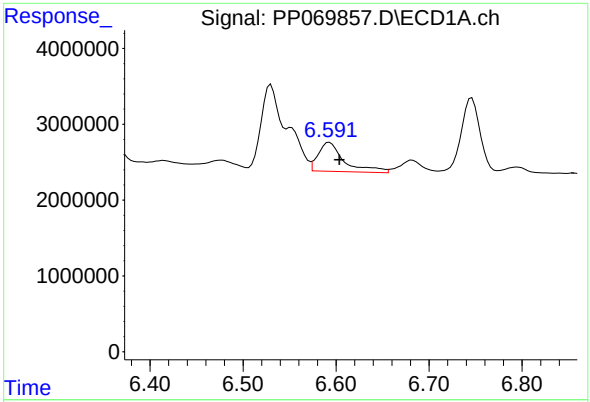
#24 AR-1248-4

R.T.: 6.593 min
Delta R.T.: 0.028 min
Response: 7437703
Conc: 134.93 ng/ml



#24 AR-1248-4

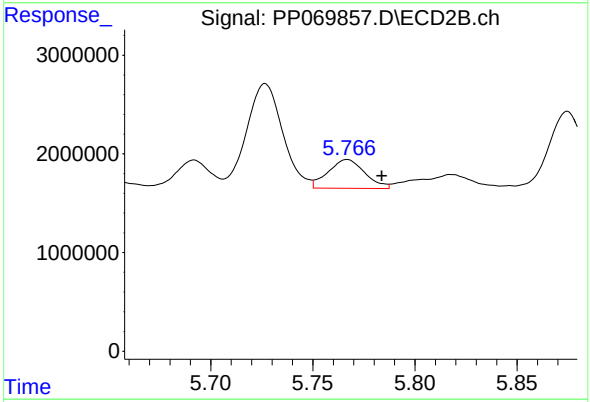
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 14146523
Conc: 382.92 ng/ml



#25 AR-1248-5

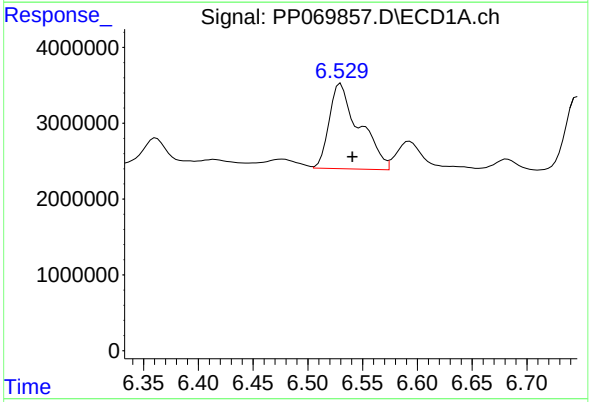
R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 7437703
Conc: 139.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



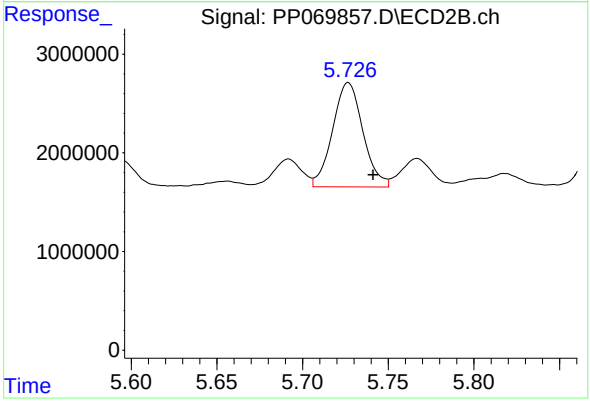
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 3647630
Conc: 97.56 ng/ml



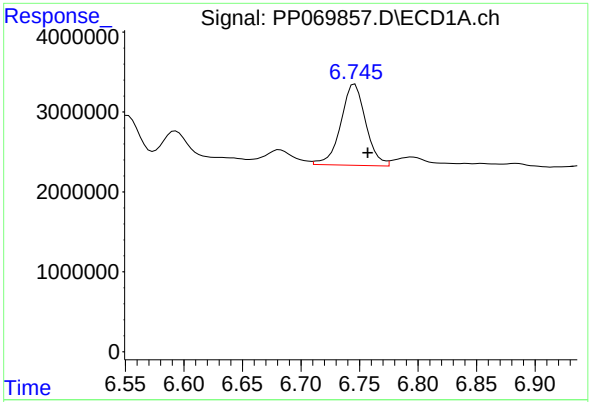
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 21525494
Conc: 372.00 ng/ml



#26 AR-1254-1

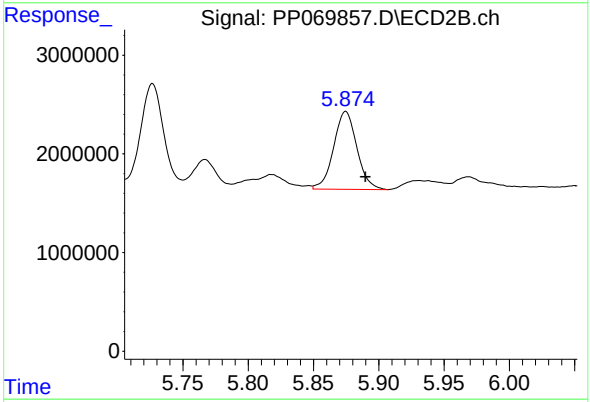
R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 13013228
Conc: 236.36 ng/ml



#27 AR-1254-2

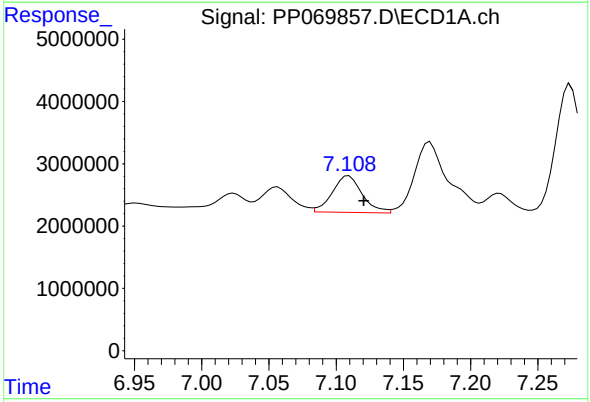
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 15032649
Conc: 187.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



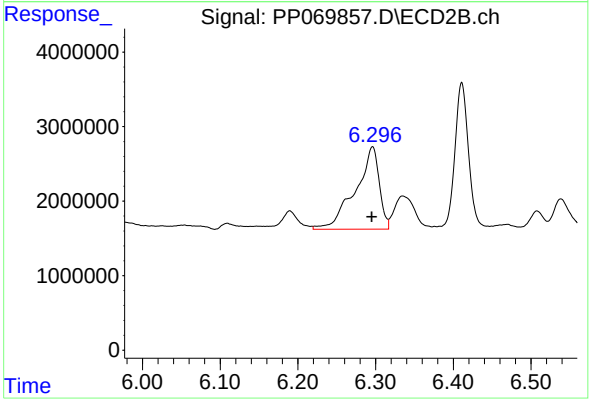
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 9797748
Conc: 202.56 ng/ml



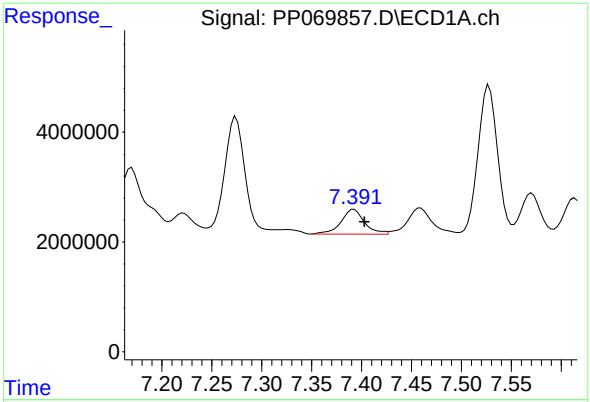
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 9057379
Conc: 107.46 ng/ml



#28 AR-1254-3

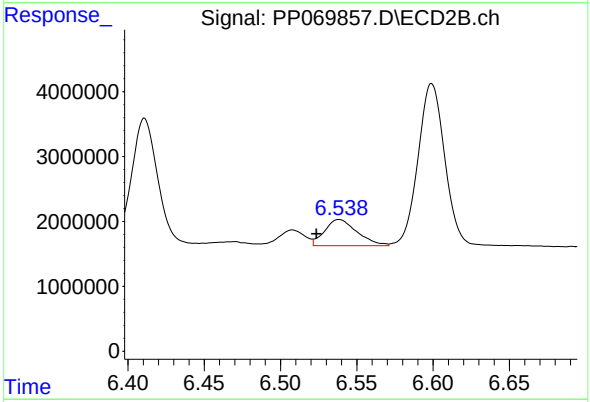
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 23647063
Conc: 311.57 ng/ml



#29 AR-1254-4

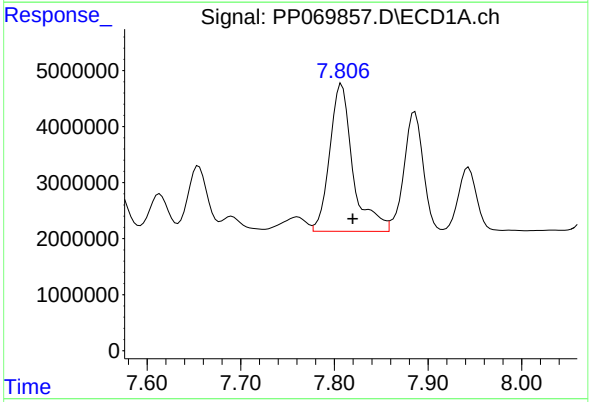
R.T.: 7.392 min
Delta R.T.: -0.010 min
Response: 7354398
Conc: 107.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



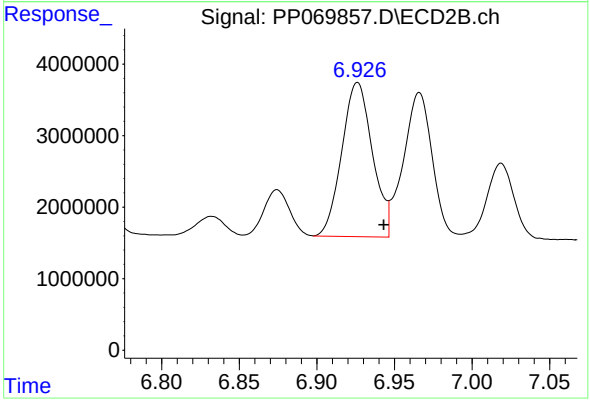
#29 AR-1254-4

R.T.: 6.539 min
Delta R.T.: 0.015 min
Response: 5999085
Conc: 117.06 ng/ml



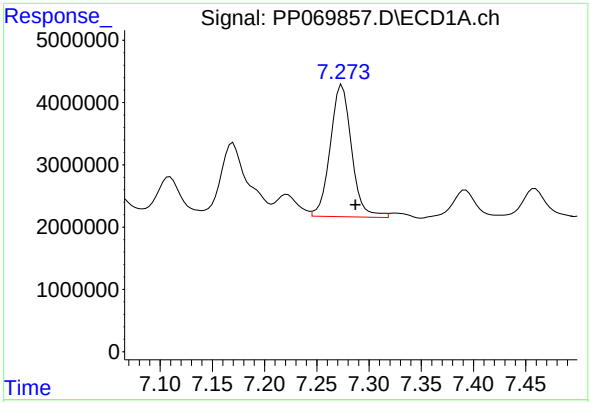
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 45369643
Conc: 666.75 ng/ml



#30 AR-1254-5

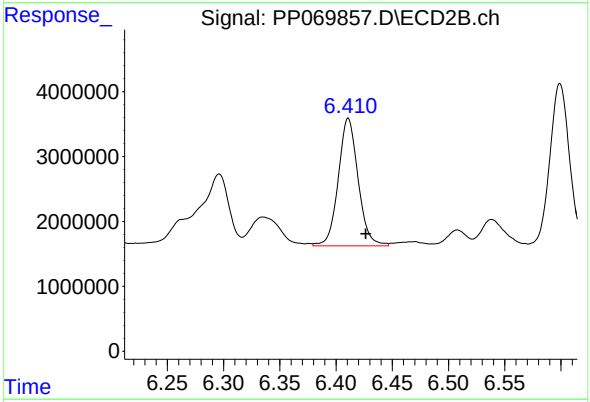
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 29662422
Conc: 445.65 ng/ml



#31 AR-1260-1

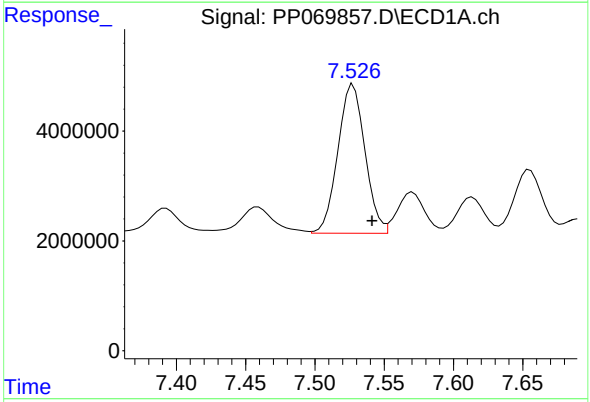
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 30046490
Conc: 514.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



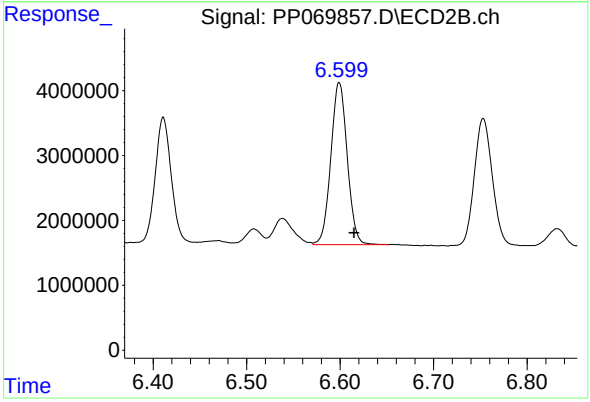
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 24122751
Conc: 500.17 ng/ml



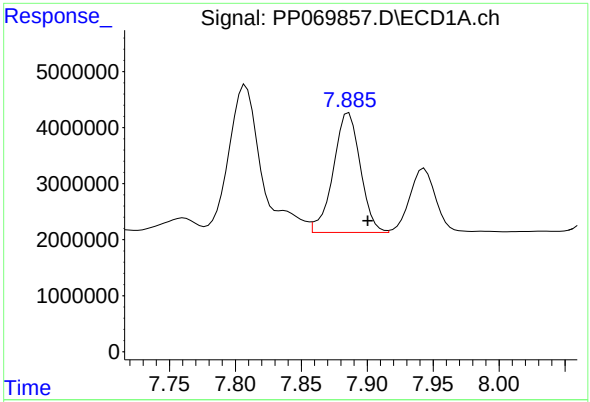
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.014 min
Response: 37026605
Conc: 475.84 ng/ml



#32 AR-1260-2

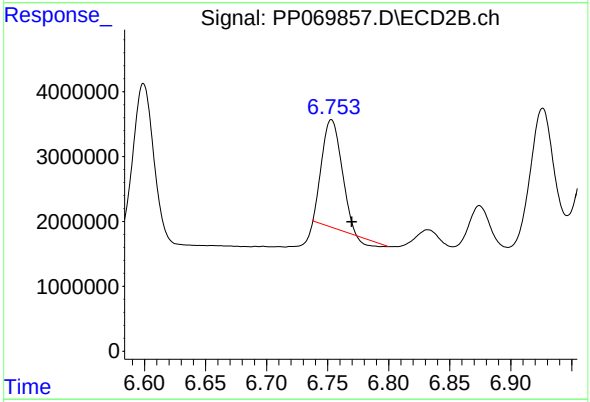
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 30456410
Conc: 496.81 ng/ml



#33 AR-1260-3

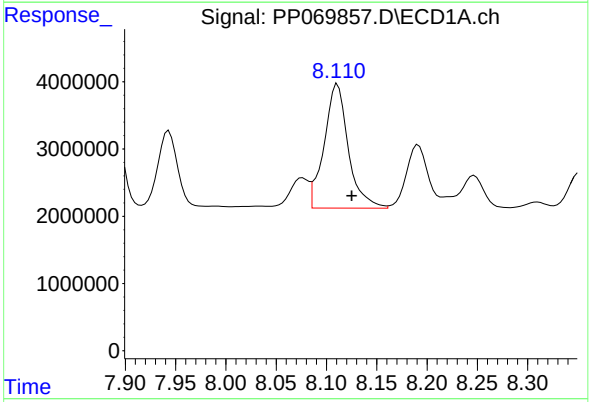
R.T.: 7.886 min
Delta R.T.: -0.014 min
Response: 30518852
Conc: 488.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



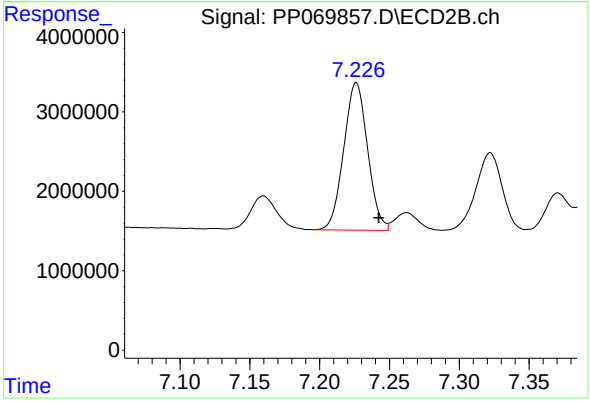
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 17951035
Conc: 298.41 ng/ml



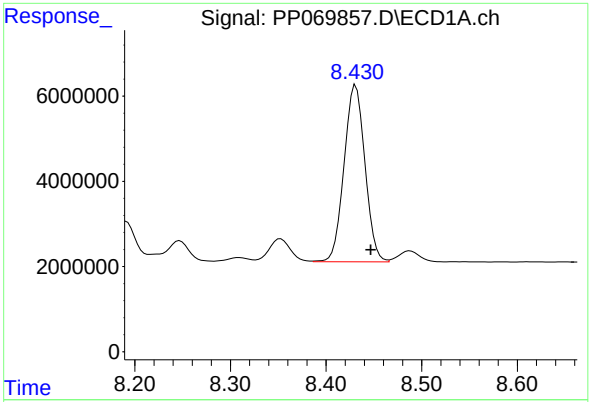
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.014 min
Response: 30847543
Conc: 467.55 ng/ml



#34 AR-1260-4

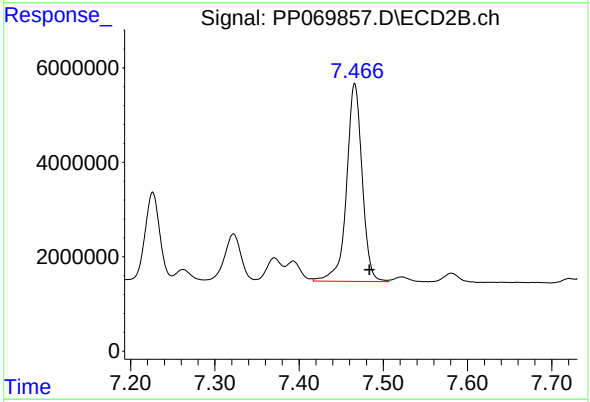
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 22074431
Conc: 475.05 ng/ml



#35 AR-1260-5

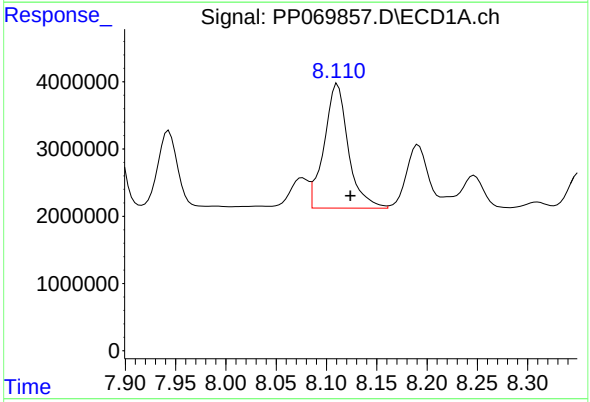
R.T.: 8.431 min
Delta R.T.: -0.016 min
Response: 63097270
Conc: 481.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



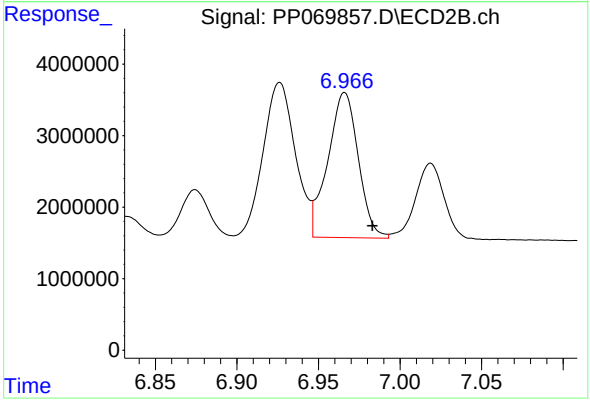
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 53922596
Conc: 485.16 ng/ml



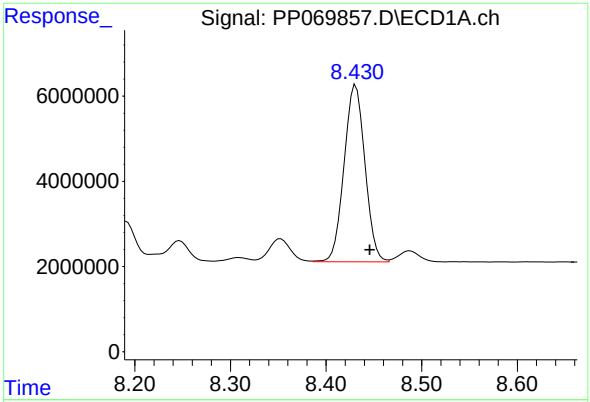
#36 AR-1262-1

R.T.: 8.111 min
Delta R.T.: -0.013 min
Response: 30847543
Conc: 390.38 ng/ml



#36 AR-1262-1

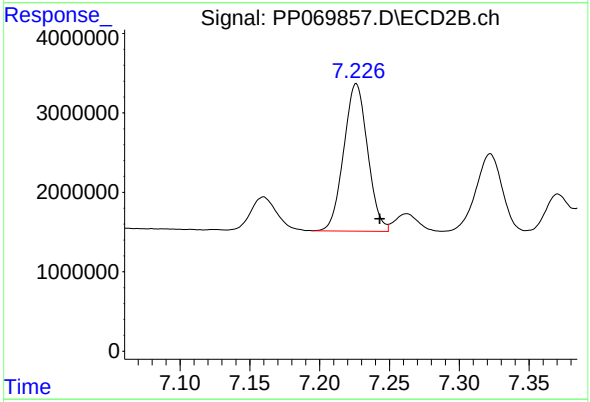
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 26325705
Conc: 370.72 ng/ml



#37 AR-1262-2

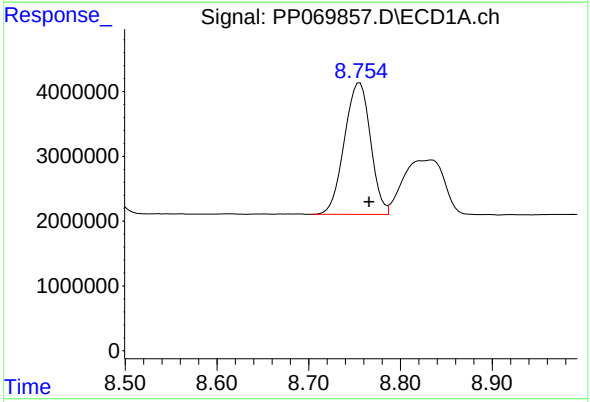
R.T.: 8.431 min
Delta R.T.: -0.015 min
Response: 63097270
Conc: 412.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



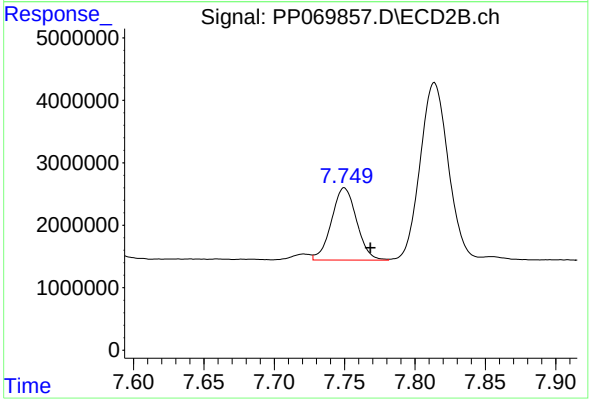
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 22074431
Conc: 362.00 ng/ml



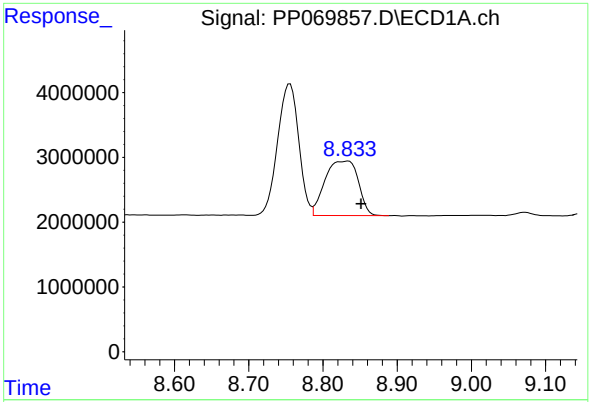
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: -0.010 min
Response: 40160485
Conc: 377.88 ng/ml



#38 AR-1262-3

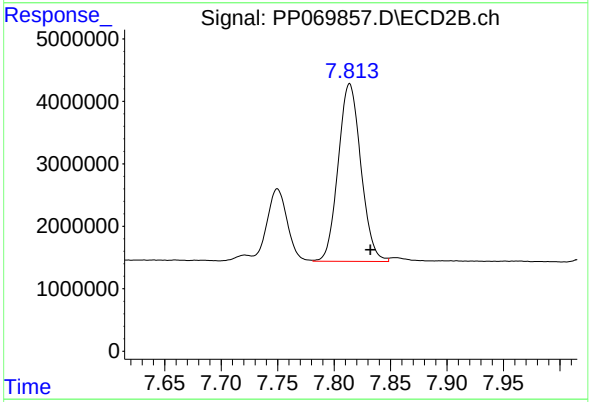
R.T.: 7.750 min
Delta R.T.: -0.019 min
Response: 14378825
Conc: 274.93 ng/ml



#39 AR-1262-4

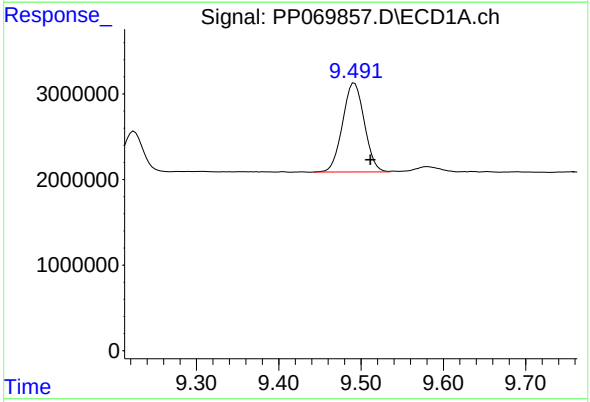
R.T.: 8.834 min
Delta R.T.: -0.017 min
Response: 26215130
Conc: 320.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



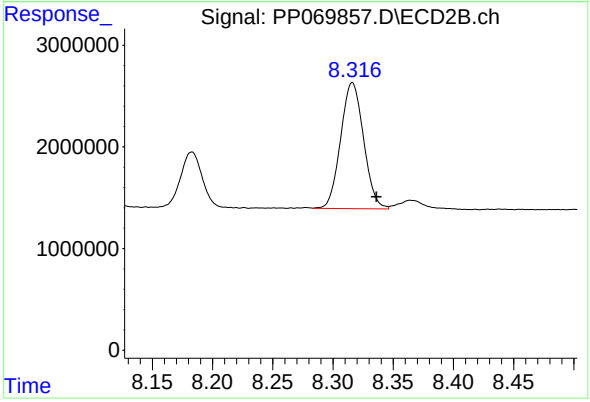
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 39797228
Conc: 430.54 ng/ml



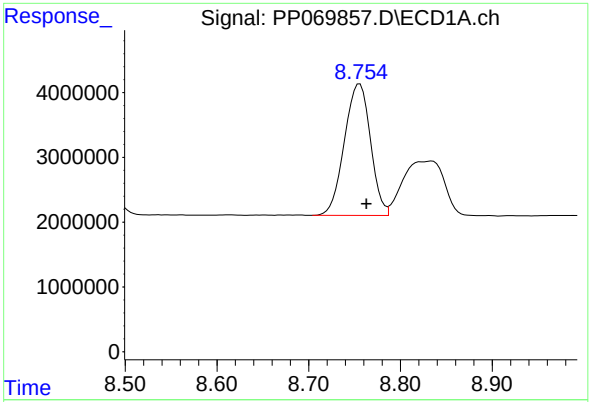
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 19164402
Conc: 338.53 ng/ml



#40 AR-1262-5

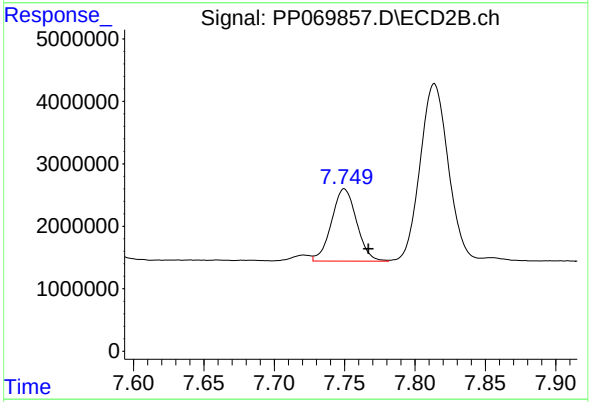
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 16453225
Conc: 344.27 ng/ml



#41 AR-1268-1

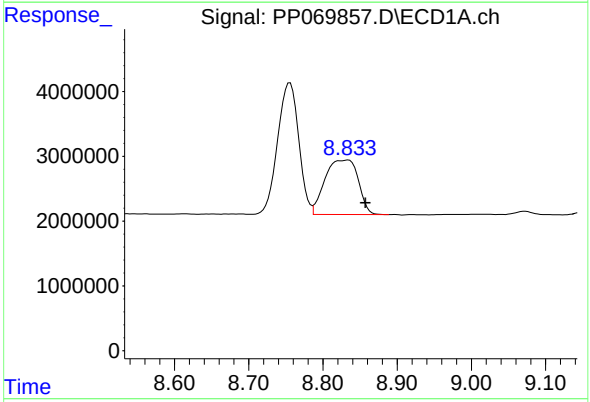
R.T.: 8.756 min
Delta R.T.: -0.007 min
Response: 40160485
Conc: 227.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



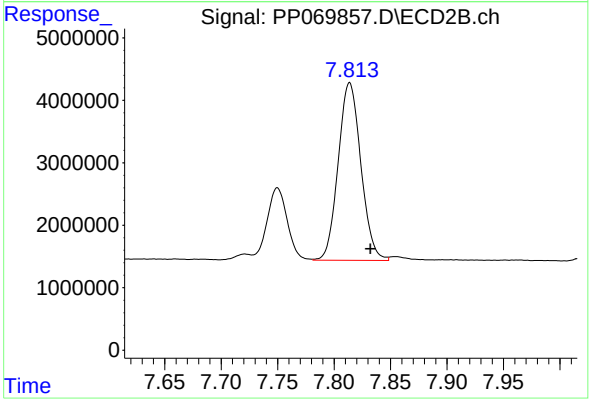
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 14378825
Conc: 99.08 ng/ml



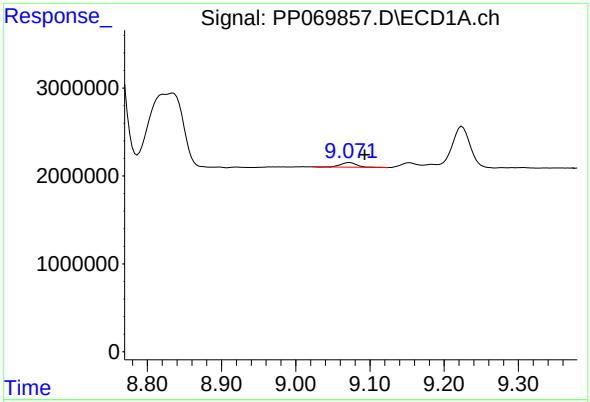
#42 AR-1268-2

R.T.: 8.834 min
Delta R.T.: -0.023 min
Response: 26215130
Conc: 166.58 ng/ml



#42 AR-1268-2

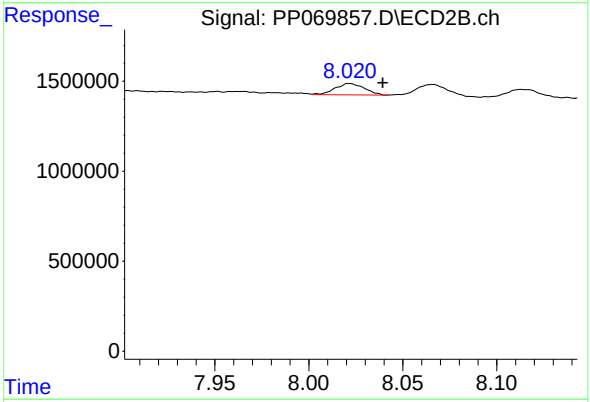
R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 39797228
Conc: 299.64 ng/ml



#43 AR-1268-3

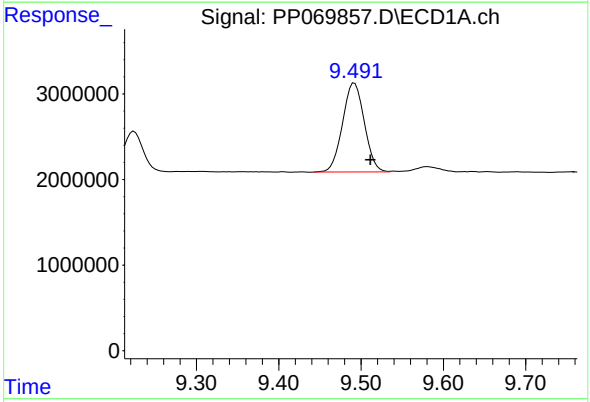
R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 784852
Conc: 5.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



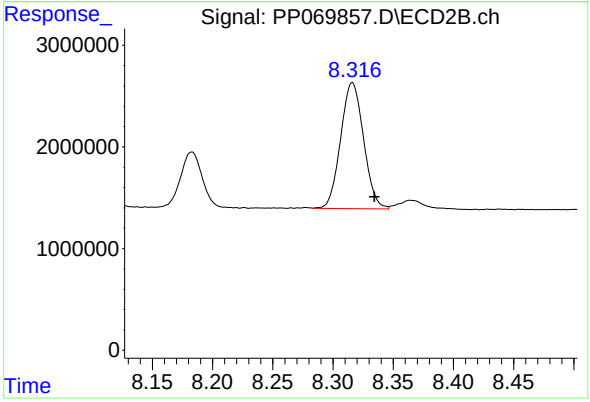
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.018 min
Response: 682479
Conc: 6.00 ng/ml



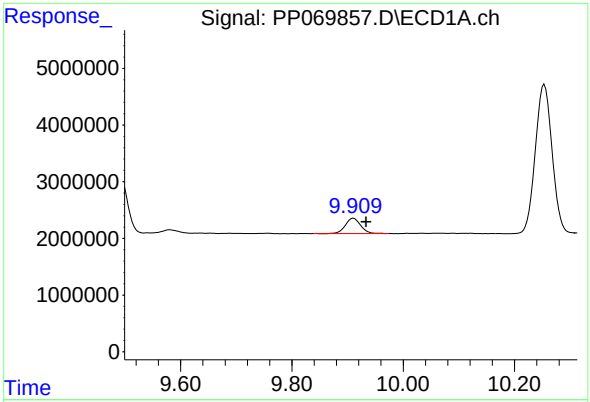
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 19164402
Conc: 326.36 ng/ml



#44 AR-1268-4

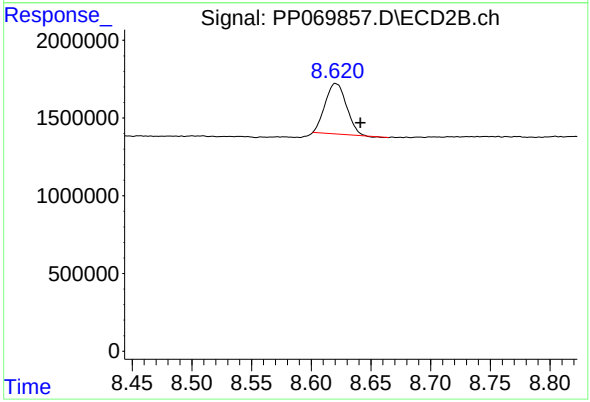
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 16453225
Conc: 315.93 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: -0.023 min
Response: 5225469
Conc: 13.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.021 min
Response: 4028488
Conc: 11.31 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.830	78093128	44142584	54.554	49.457	
2)	SA Decachlor...	10.250	8.888	56677888	56266174	51.860	50.306	
	Target Compounds							
3)	L1 AR-1016-1	5.702	4.938	1265475	383304	27.313	11.752	#
4)	L1 AR-1016-2	5.702	4.938	1265475	383304	18.644	8.526	#
5)	L1 AR-1016-3	5.758	5.116	981490	275555	23.042	11.074	#
6)	L1 AR-1016-4	5.855	5.158	777036	10073566	22.201	498.783	#
7)	L1 AR-1016-5	6.151	5.373	7483234	9835685	226.363	366.676	#
8)	L2 AR-1221-1	0.000	4.046	0	112976	N.D.	9.172	#
9)	L2 AR-1221-2	4.825	4.133	1237826	831483	90.402	85.867	
10)	L2 AR-1221-3	0.000	4.204	0	217237	N.D.	7.446	#
11)	L3 AR-1232-1	0.000	4.204	0	217237	N.D.	9.252	#
12)	L3 AR-1232-2	0.000	4.938	0	383304	N.D.	16.261	#
13)	L3 AR-1232-3	5.702	5.116	1265475	275555	36.831	21.283	#
14)	L3 AR-1232-4	5.855	5.200	777036	3395998	43.614	306.324	#
15)	L3 AR-1232-5	5.948	5.373	15656368	9835685	1365.887	805.522	#
16)	L4 AR-1242-1	5.702	4.938	1265475	383304	30.343	13.294	#
17)	L4 AR-1242-2	5.702	4.938	1265475	383304	21.452	9.729	#
18)	L4 AR-1242-3	5.758	5.116	981490	275555	26.456	12.245	#
19)	L4 AR-1242-4	5.855	5.200	777036	3395998	23.694	157.351	#
20)	L4 AR-1242-5	6.592	5.727	12052442	27796555	369.885	966.219	#
21)	L5 AR-1248-1	5.702	4.938	1265475	383304	39.011	17.415	#
22)	L5 AR-1248-2	5.948	5.158	15656368	10073566	368.850	335.064	
23)	L5 AR-1248-3	6.151	5.200	7483234	3395998	159.261	109.604	#
24)	L5 AR-1248-4	6.592	5.373	12052442	9835685	218.653	266.234	
25)	L5 AR-1248-5	6.592	5.767	12052442	3920325	225.770	104.851	#
26)	L6 AR-1254-1	6.527	5.727	42179575	27796555	728.947	504.880	#
27)	L6 AR-1254-2	6.742	5.875	43866222	24181699	546.675	499.944	
28)	L6 AR-1254-3	7.105	6.280	43561594	37990877	516.816	500.564	
29)	L6 AR-1254-4	7.387	6.509	35922940	26015860	526.823	507.629	
30)	L6 AR-1254-5	7.833	6.928	5092241	33088182	74.835	497.115	#
31)	L7 AR-1260-1	7.270	6.411	18092381	19670068	309.609	407.843	#
32)	L7 AR-1260-2	7.524	6.599	20710785	17875625	266.161	291.591	
33)	L7 AR-1260-3	7.866	6.752	4583685	10375373	73.316	172.473	#
34)	L7 AR-1260-4	8.090	7.227	13788131	1788797	208.985	38.495	#
35)	L7 AR-1260-5	8.426	7.497	5192732	1306395	39.662	11.754	#
36)	L8 AR-1262-1	8.090	6.998	13788131	3814082	174.493	53.709	#
37)	L8 AR-1262-2	8.426	7.227	5192732	1788797	33.956	29.334	
38)	L8 AR-1262-3	8.755	7.767	4095499	138426	38.535	2.647	#
39)	L8 AR-1262-4	8.798f	7.812	1052481	4388149	12.868	47.472	#
40)	L8 AR-1262-5	0.000	8.317	0	406255	N.D.	8.500	#
41)	L9 AR-1268-1	8.755	7.767	4095499	138426	23.194	0.954	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.798f	7.812	1052481	4388149	6.688	33.039 #
43) L9	AR-1268-3	0.000	8.021	0	201708	N.D.	1.773 #
44) L9	AR-1268-4	0.000	8.317	0	406255	N.D.	7.801 #
45) L9	AR-1268-5	0.000	8.623	0	348424	N.D.	0.978 #

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

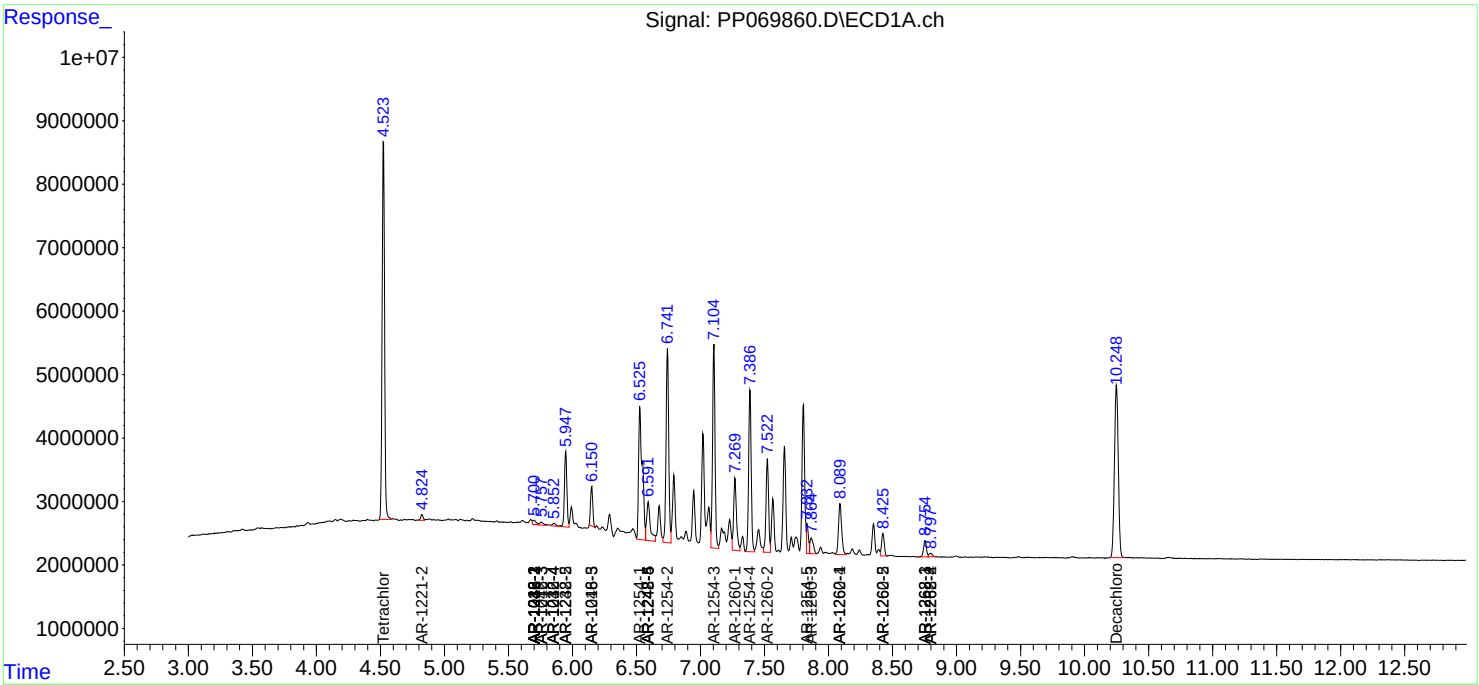
Quantitation Report (Not Reviewed)

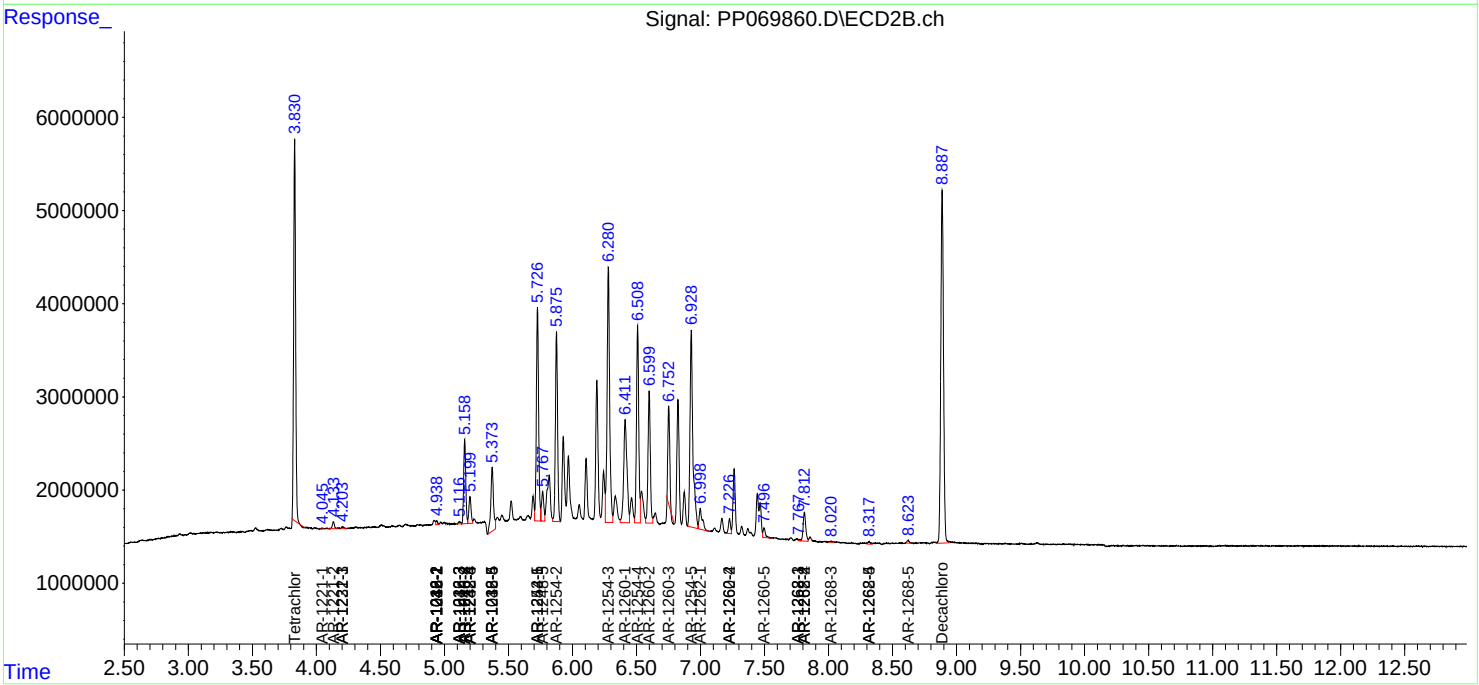
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

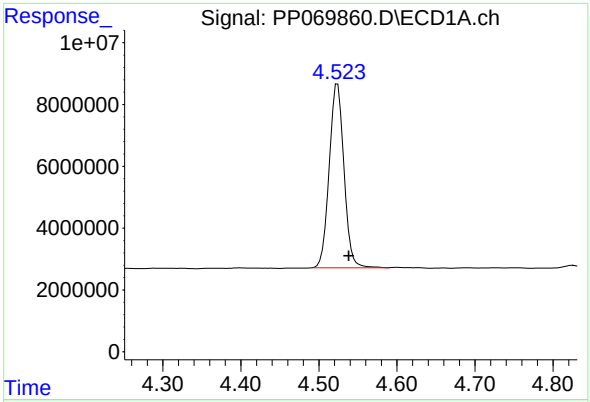
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



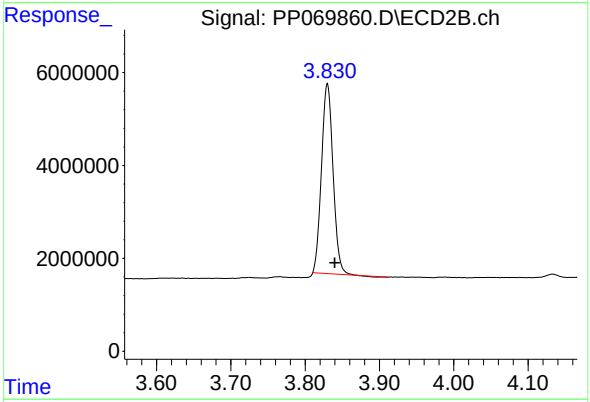




#1 Tetrachloro-m-xylene

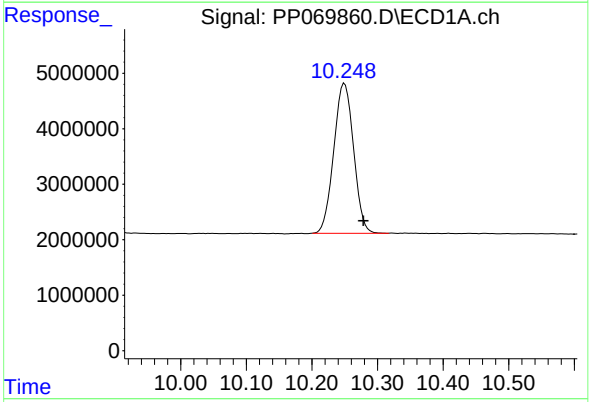
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 78093128
Conc: 54.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



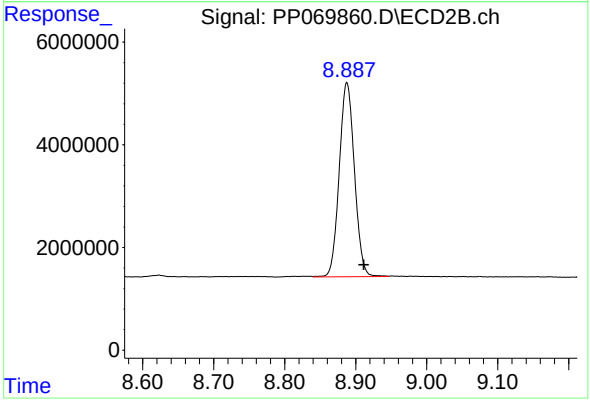
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44142584
Conc: 49.46 ng/ml



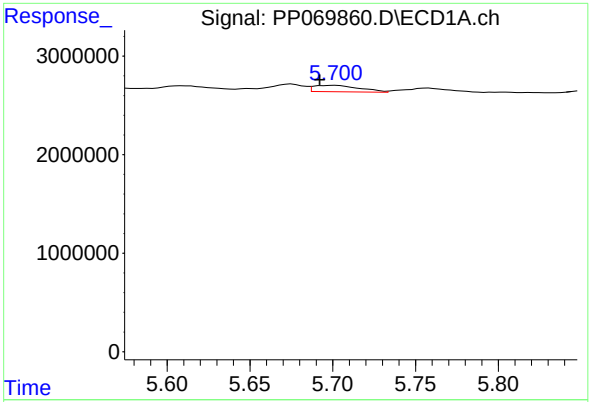
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 56677888
Conc: 51.86 ng/ml



#2 Decachlorobiphenyl

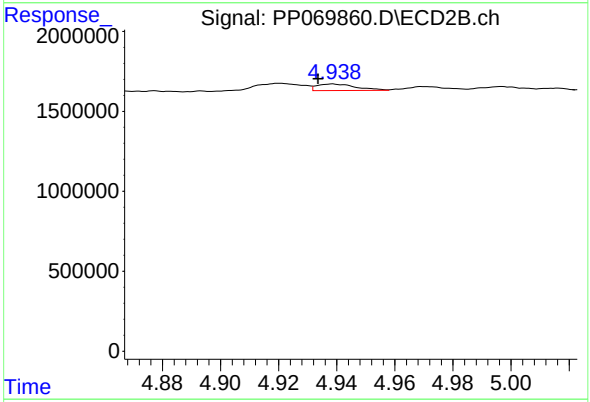
R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 56266174
Conc: 50.31 ng/ml



#3 AR-1016-1

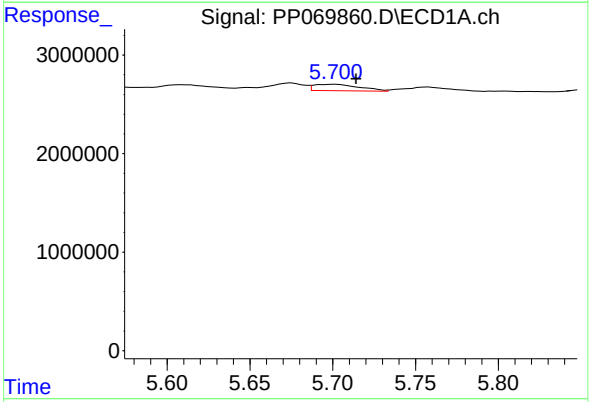
R.T.: 5.702 min
Delta R.T.: 0.009 min
Response: 1265475
Conc: 27.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



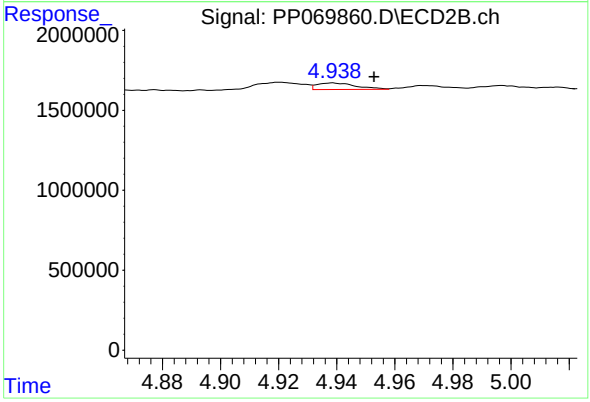
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 383304
Conc: 11.75 ng/ml



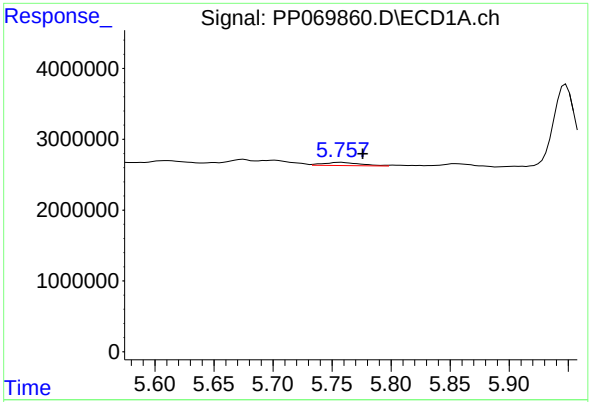
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.013 min
Response: 1265475
Conc: 18.64 ng/ml



#4 AR-1016-2

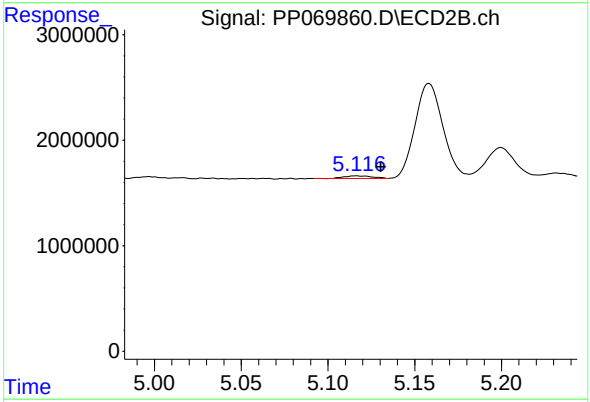
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 383304
Conc: 8.53 ng/ml



#5 AR-1016-3

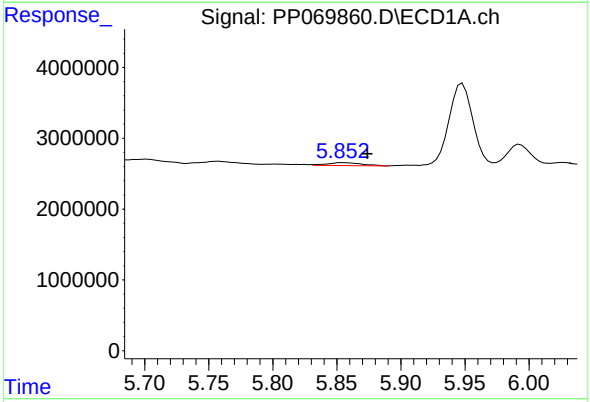
R.T.: 5.758 min
Delta R.T.: -0.018 min
Response: 981490
Conc: 23.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



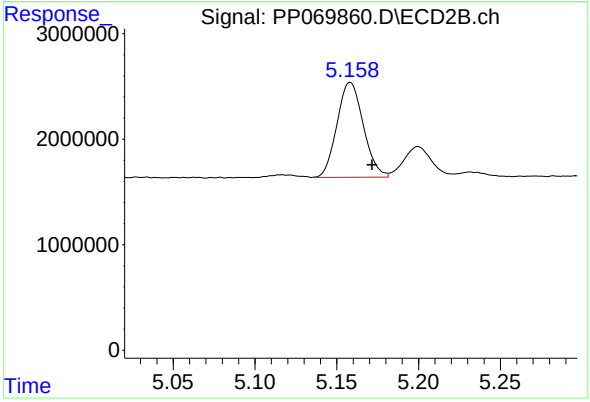
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 275555
Conc: 11.07 ng/ml



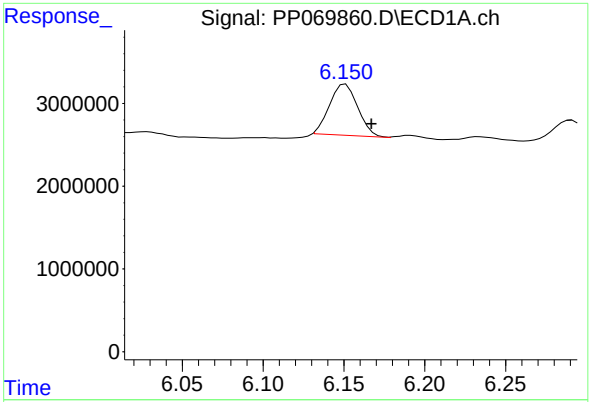
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: -0.019 min
Response: 777036
Conc: 22.20 ng/ml



#6 AR-1016-4

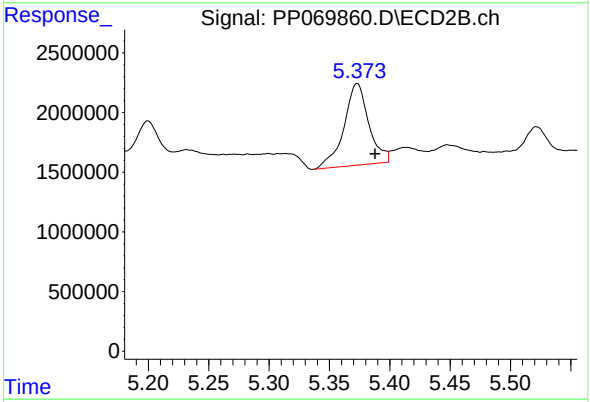
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 10073566
Conc: 498.78 ng/ml



#7 AR-1016-5

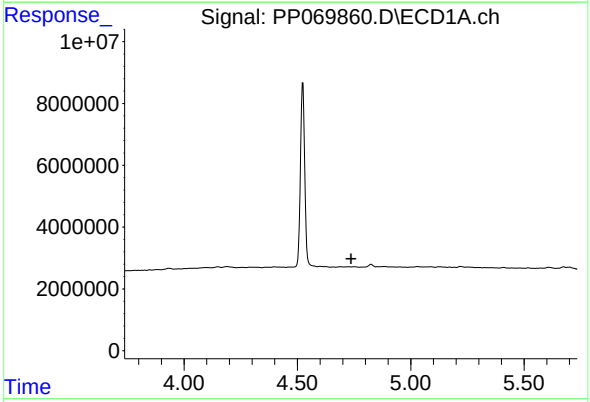
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 7483234
Conc: 226.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



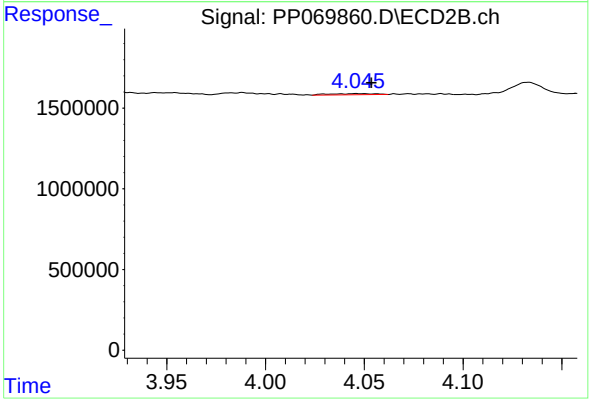
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 9835685
Conc: 366.68 ng/ml



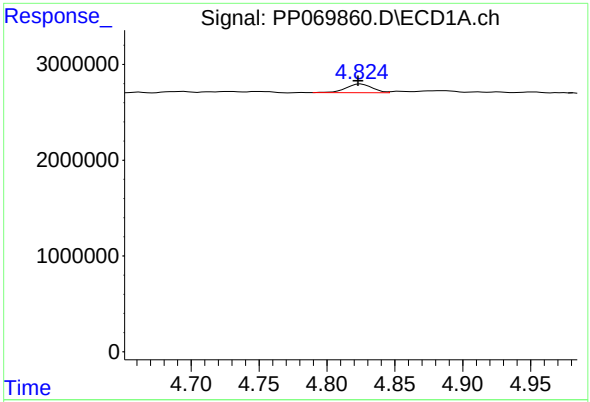
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

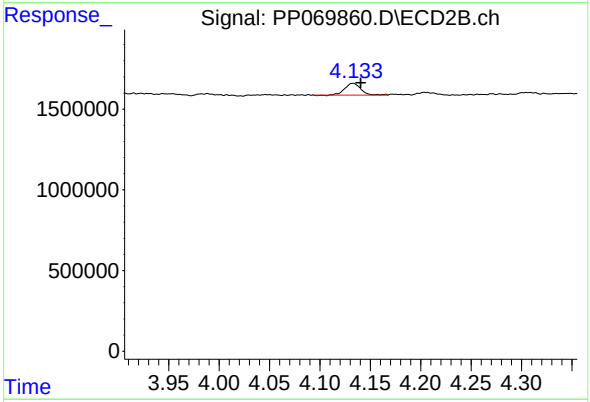
R.T.: 4.046 min
Delta R.T.: -0.008 min
Response: 112976
Conc: 9.17 ng/ml



#9 AR-1221-2

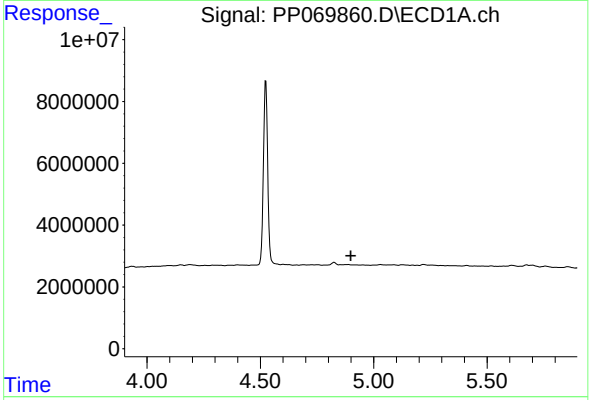
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 1237826
Conc: 90.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



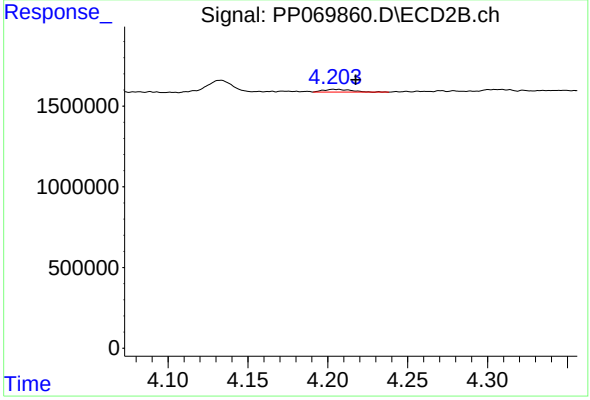
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 831483
Conc: 85.87 ng/ml



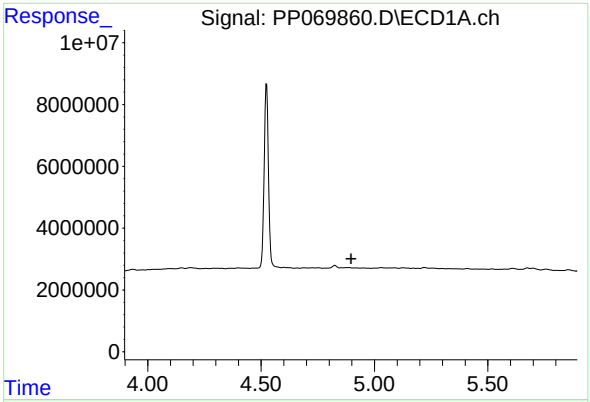
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

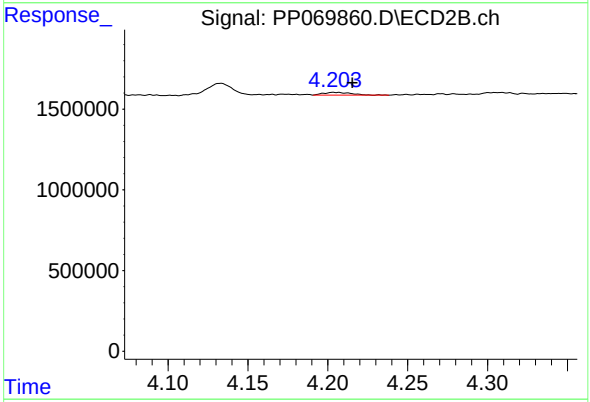
R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 217237
Conc: 7.45 ng/ml



#11 AR-1232-1

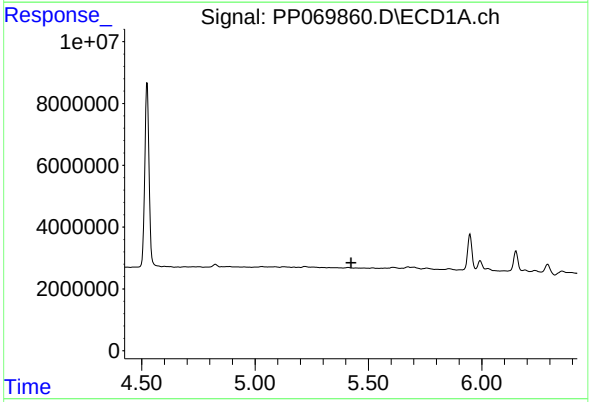
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



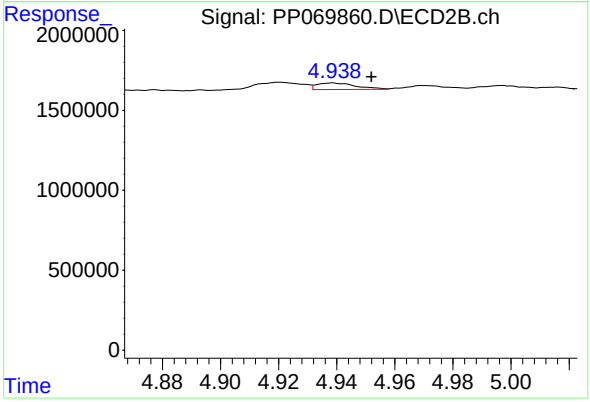
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.012 min
Response: 217237
Conc: 9.25 ng/ml



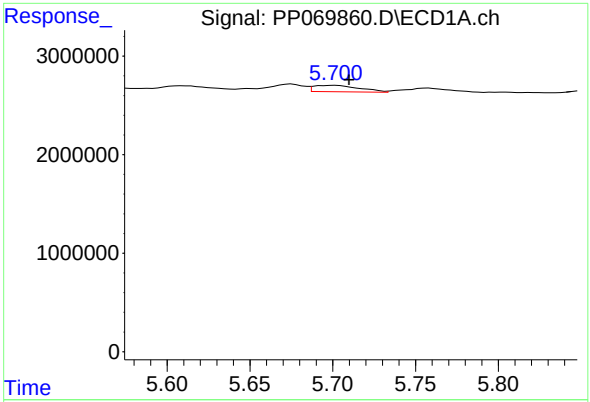
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

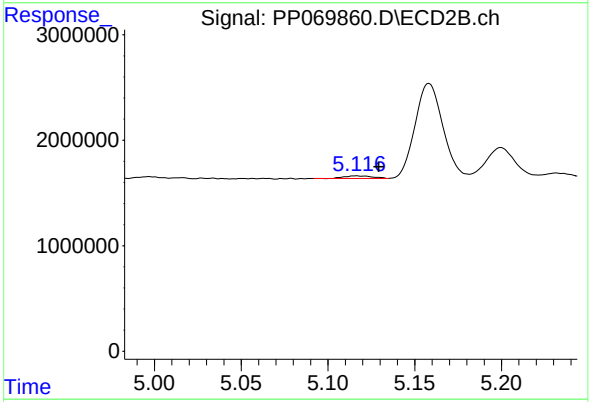
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 383304
Conc: 16.26 ng/ml



#13 AR-1232-3

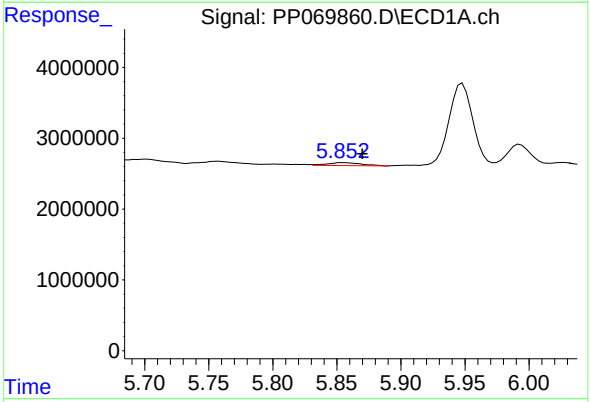
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 1265475
Conc: 36.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



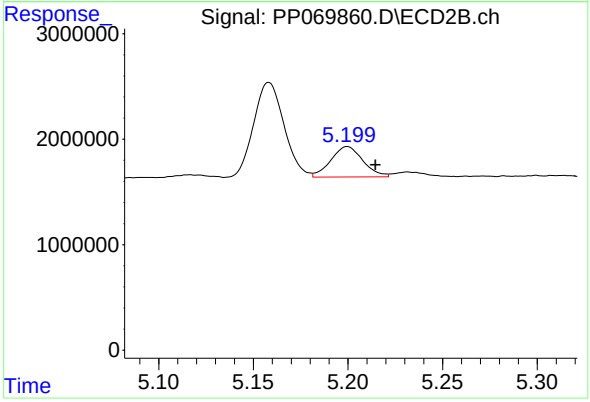
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 275555
Conc: 21.28 ng/ml



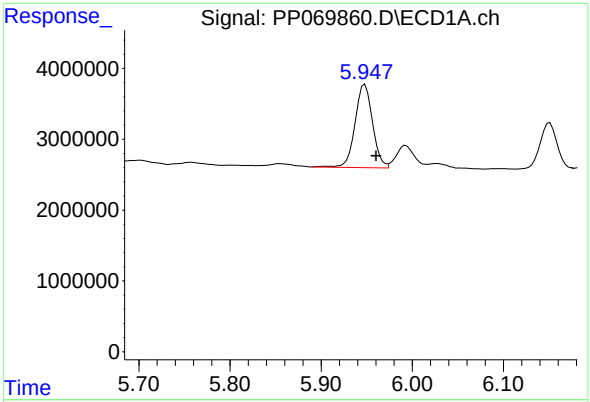
#14 AR-1232-4

R.T.: 5.855 min
Delta R.T.: -0.016 min
Response: 777036
Conc: 43.61 ng/ml



#14 AR-1232-4

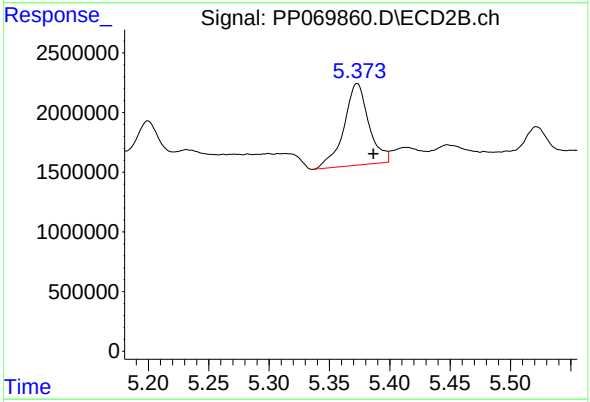
R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3395998
Conc: 306.32 ng/ml



#15 AR-1232-5

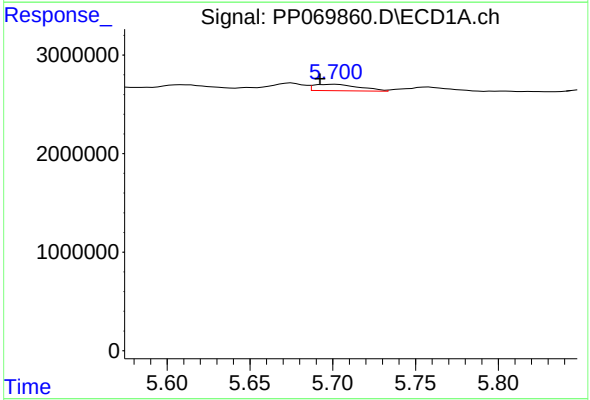
R.T.: 5.948 min
Delta R.T.: -0.012 min
Response: 15656368
Conc: 1365.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



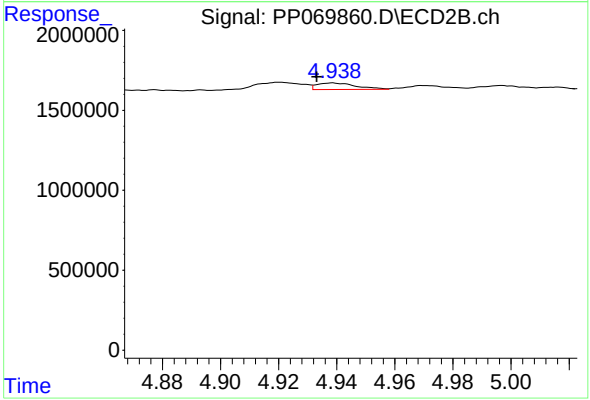
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 9835685
Conc: 805.52 ng/ml



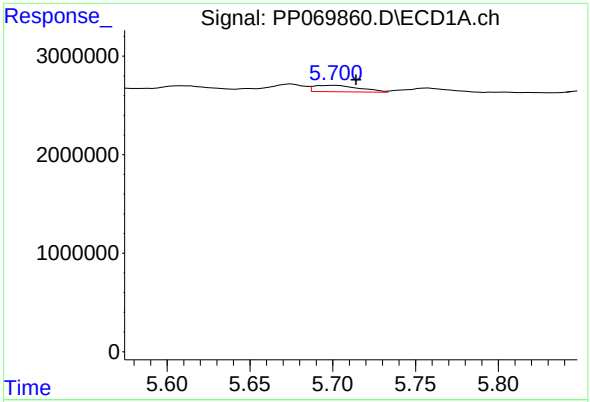
#16 AR-1242-1

R.T.: 5.702 min
Delta R.T.: 0.009 min
Response: 1265475
Conc: 30.34 ng/ml



#16 AR-1242-1

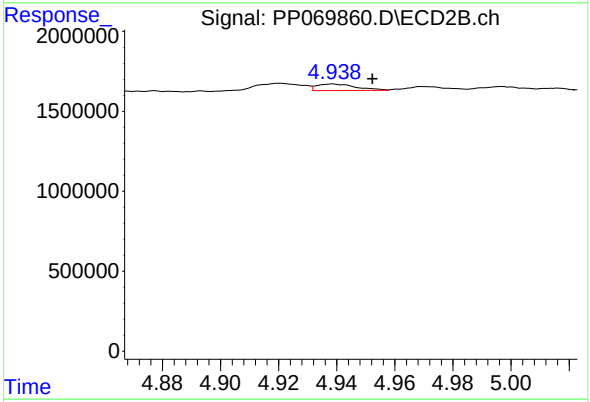
R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 383304
Conc: 13.29 ng/ml



#17 AR-1242-2

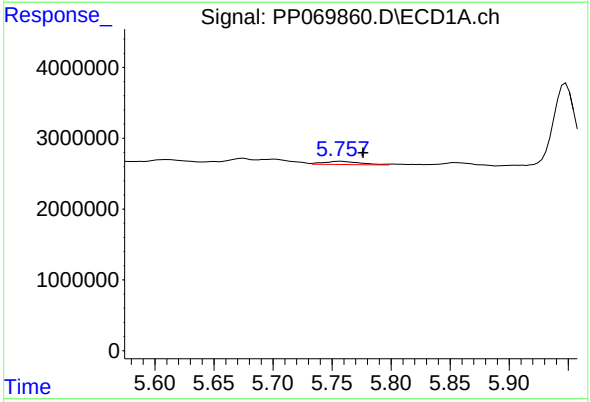
R.T.: 5.702 min
Delta R.T.: -0.013 min
Response: 1265475
Conc: 21.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



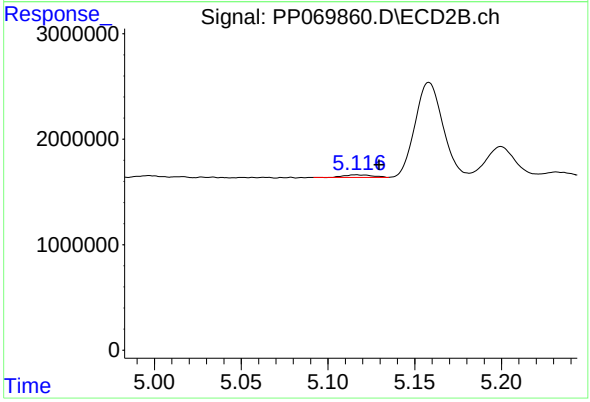
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 383304
Conc: 9.73 ng/ml



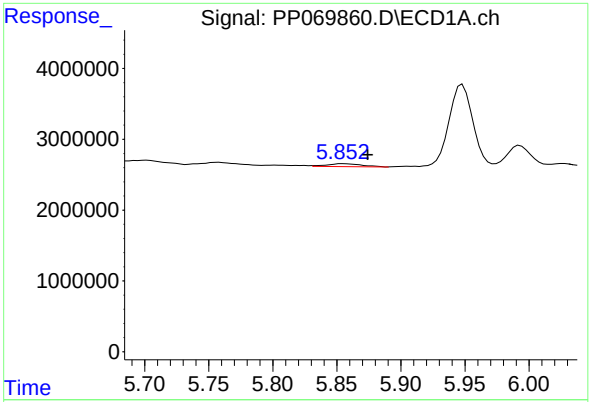
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: -0.018 min
Response: 981490
Conc: 26.46 ng/ml



#18 AR-1242-3

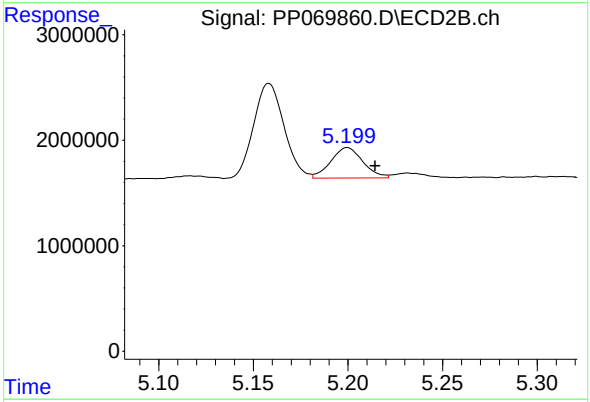
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 275555
Conc: 12.24 ng/ml



#19 AR-1242-4

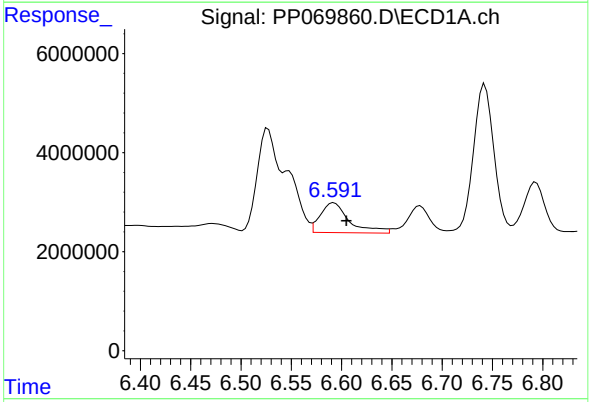
R.T.: 5.855 min
Delta R.T.: -0.020 min
Response: 777036
Conc: 23.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



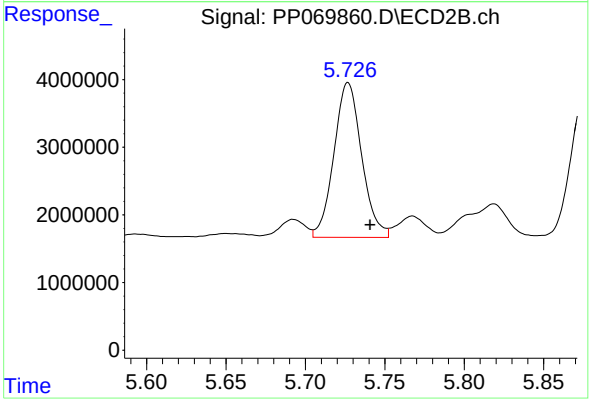
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3395998
Conc: 157.35 ng/ml



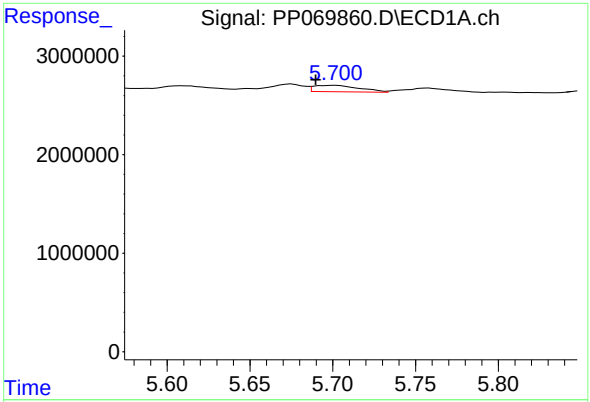
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 12052442
Conc: 369.88 ng/ml



#20 AR-1242-5

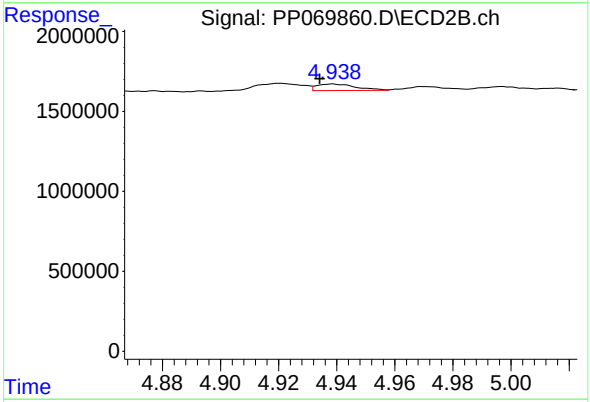
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27796555
Conc: 966.22 ng/ml



#21 AR-1248-1

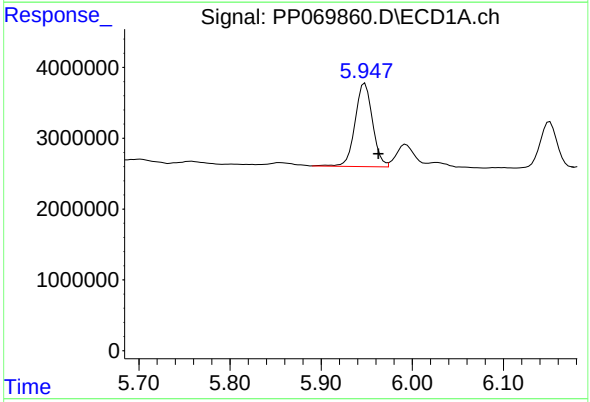
R.T.: 5.702 min
Delta R.T.: 0.012 min
Response: 1265475
Conc: 39.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



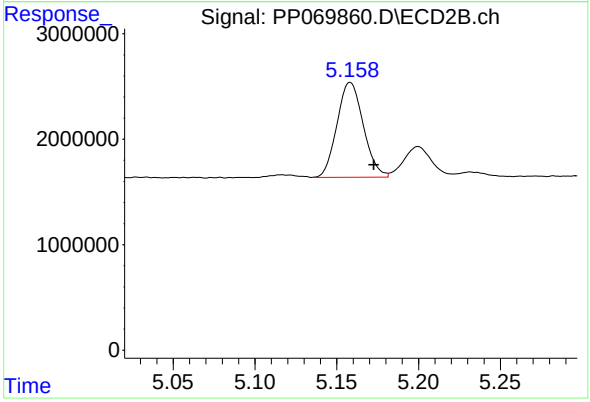
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 383304
Conc: 17.41 ng/ml



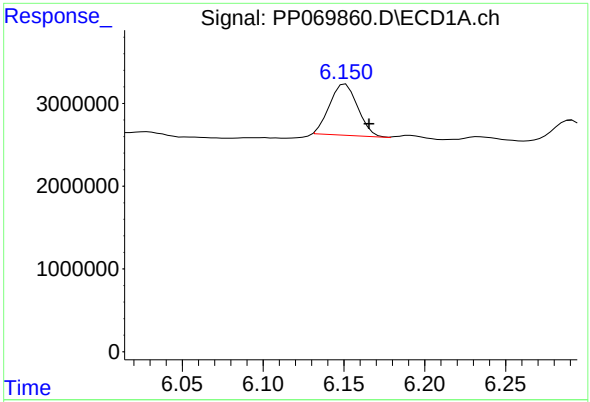
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 15656368
Conc: 368.85 ng/ml



#22 AR-1248-2

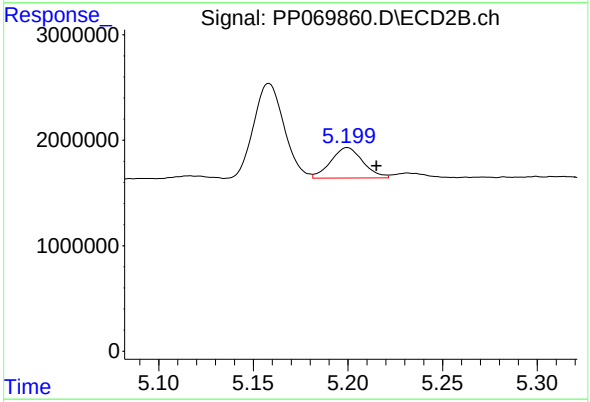
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 10073566
Conc: 335.06 ng/ml



#23 AR-1248-3

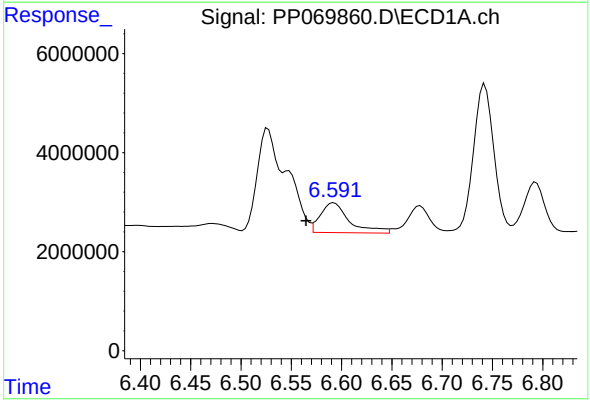
R.T.: 6.151 min
Delta R.T.: -0.015 min
Response: 7483234
Conc: 159.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



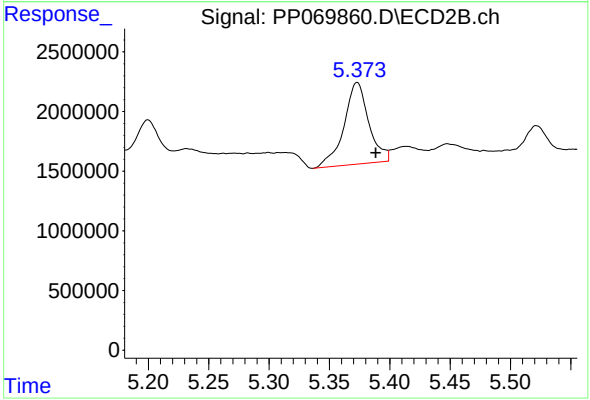
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3395998
Conc: 109.60 ng/ml



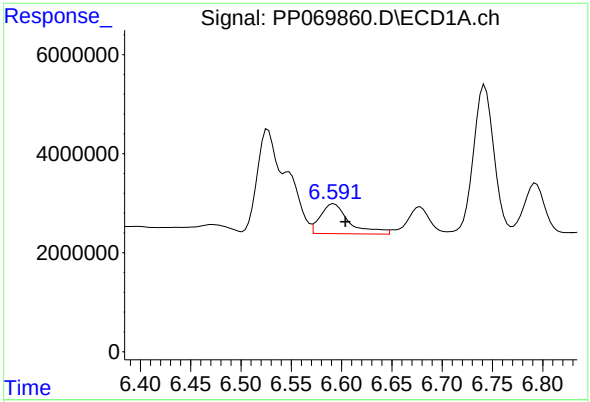
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.028 min
Response: 12052442
Conc: 218.65 ng/ml



#24 AR-1248-4

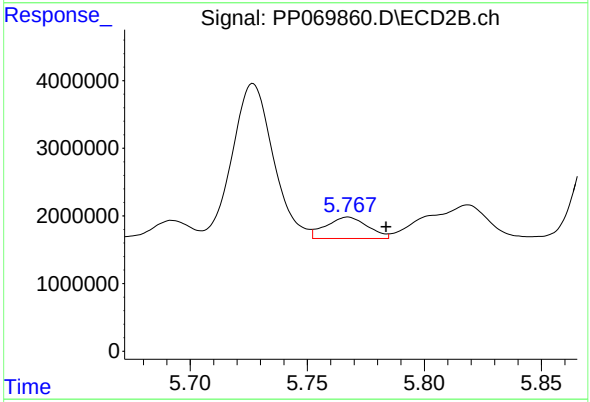
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 9835685
Conc: 266.23 ng/ml



#25 AR-1248-5

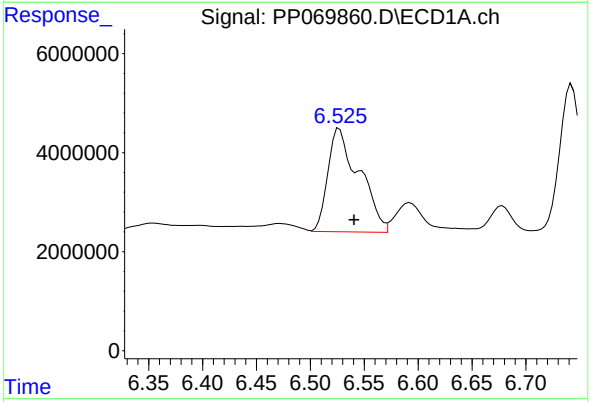
R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 12052442
Conc: 225.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



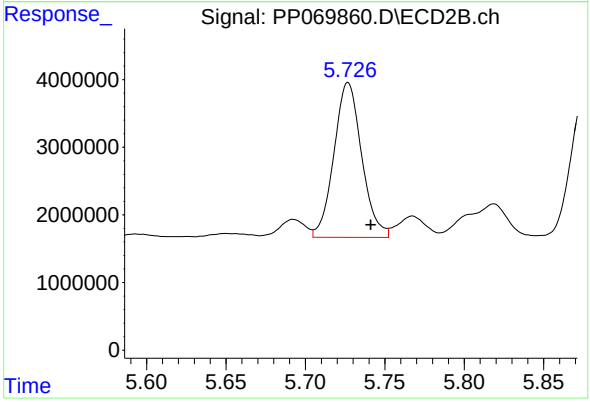
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.016 min
Response: 3920325
Conc: 104.85 ng/ml



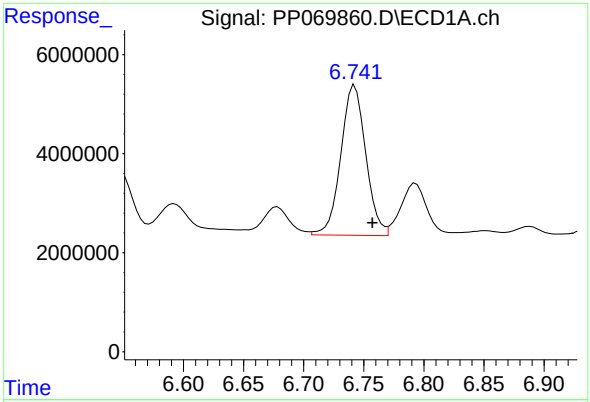
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 min
Response: 42179575
Conc: 728.95 ng/ml



#26 AR-1254-1

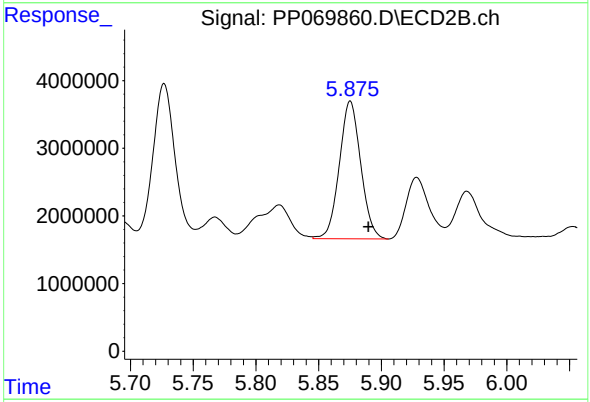
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27796555
Conc: 504.88 ng/ml



#27 AR-1254-2

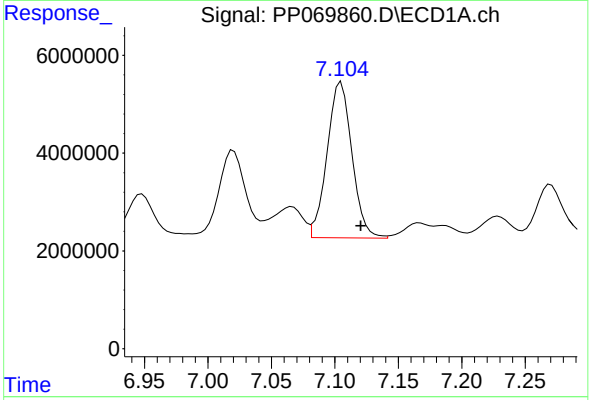
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 43866222
Conc: 546.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



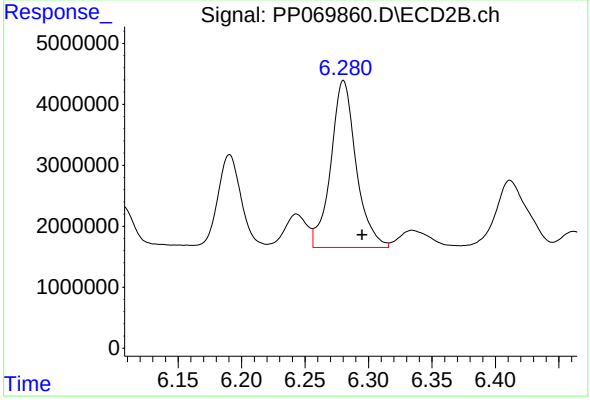
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24181699
Conc: 499.94 ng/ml



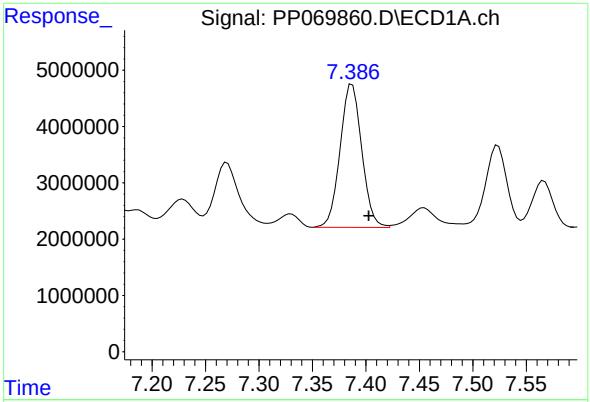
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 43561594
Conc: 516.82 ng/ml



#28 AR-1254-3

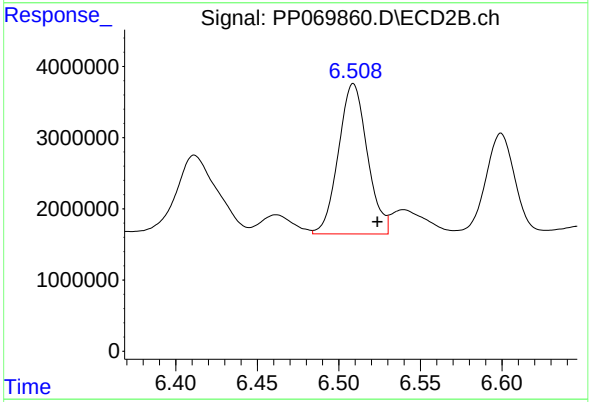
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 37990877
Conc: 500.56 ng/ml



#29 AR-1254-4

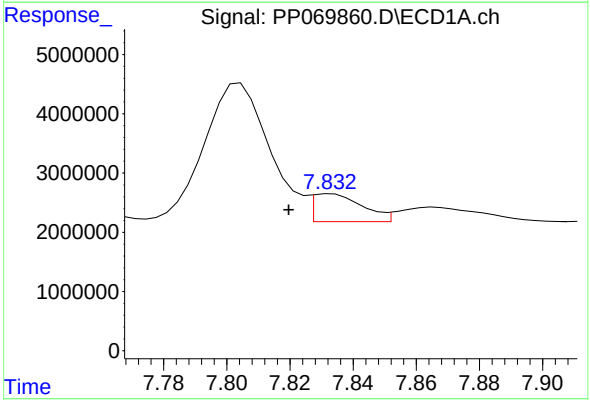
R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 35922940
Conc: 526.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



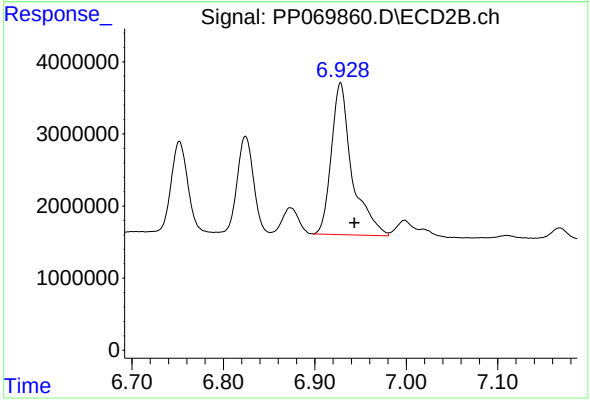
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 26015860
Conc: 507.63 ng/ml



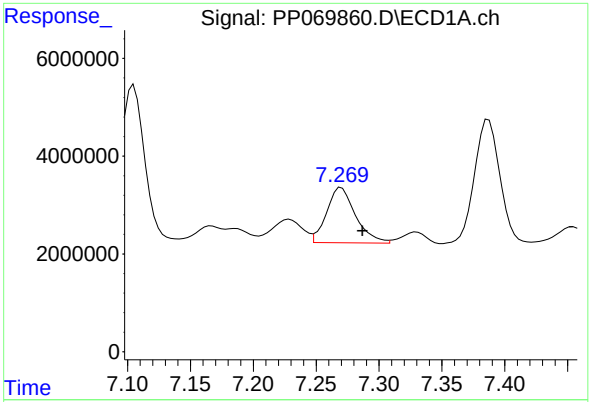
#30 AR-1254-5

R.T.: 7.833 min
Delta R.T.: 0.013 min
Response: 5092241
Conc: 74.84 ng/ml



#30 AR-1254-5

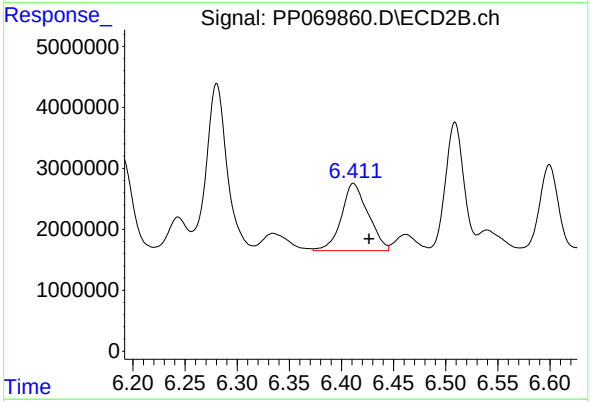
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 33088182
Conc: 497.11 ng/ml



#31 AR-1260-1

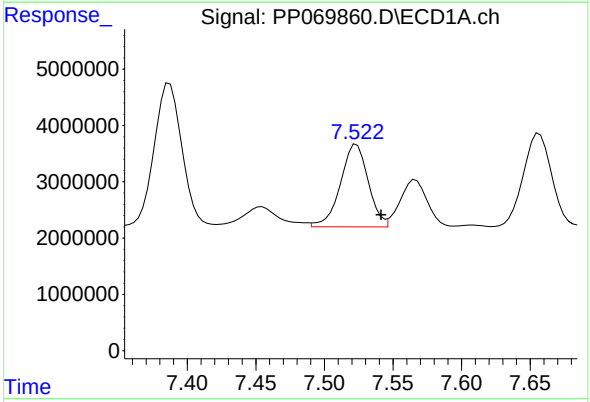
R.T.: 7.270 min
Delta R.T.: -0.017 min
Response: 18092381
Conc: 309.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



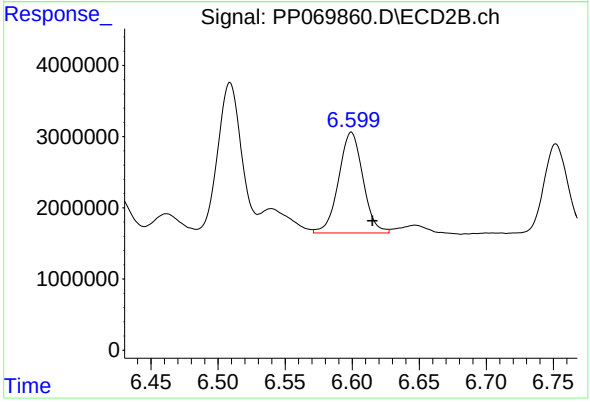
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 19670068
Conc: 407.84 ng/ml



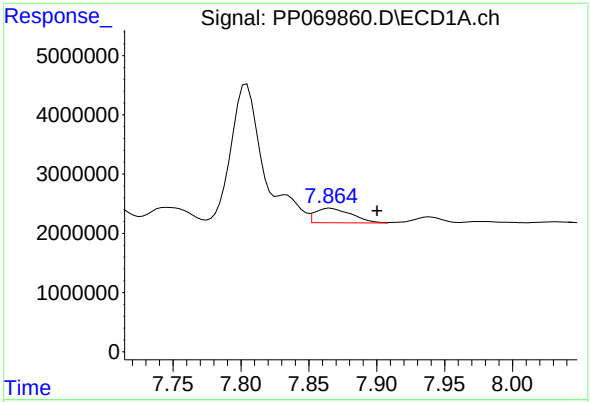
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.018 min
Response: 20710785
Conc: 266.16 ng/ml



#32 AR-1260-2

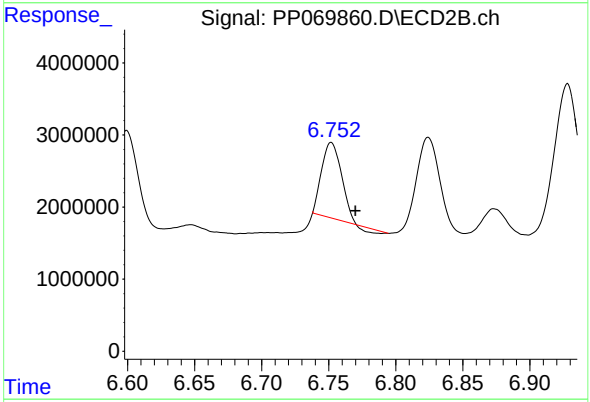
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 17875625
Conc: 291.59 ng/ml



#33 AR-1260-3

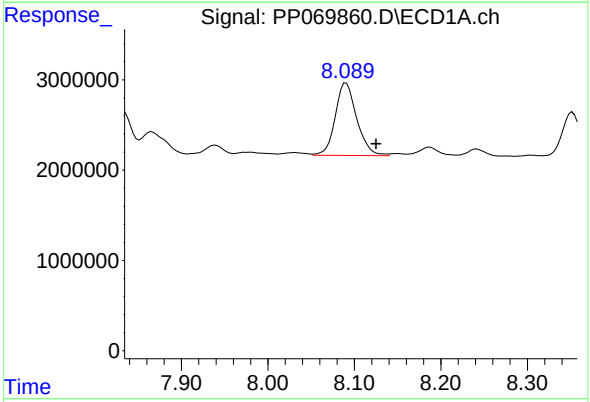
R.T.: 7.866 min
Delta R.T.: -0.034 min
Response: 4583685
Conc: 73.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



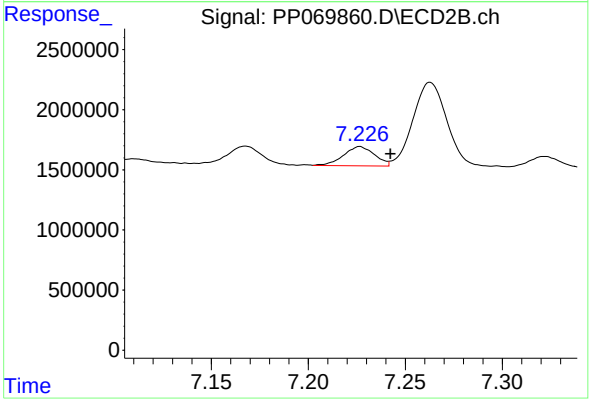
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 10375373
Conc: 172.47 ng/ml



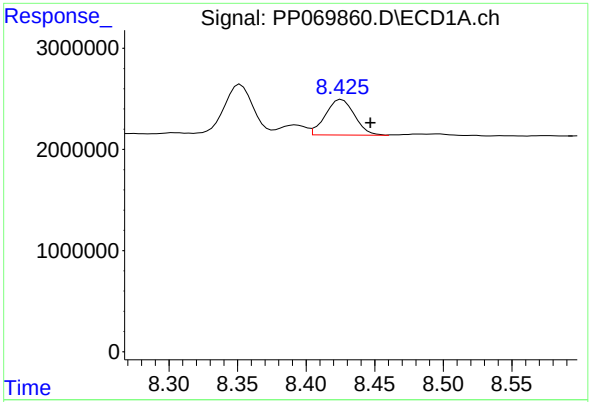
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.035 min
Response: 13788131
Conc: 208.98 ng/ml



#34 AR-1260-4

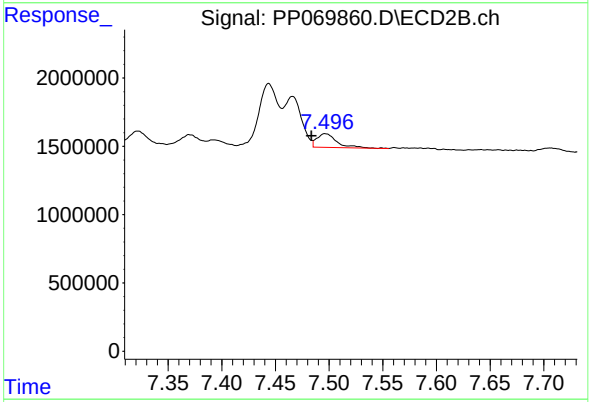
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1788797
Conc: 38.50 ng/ml



#35 AR-1260-5

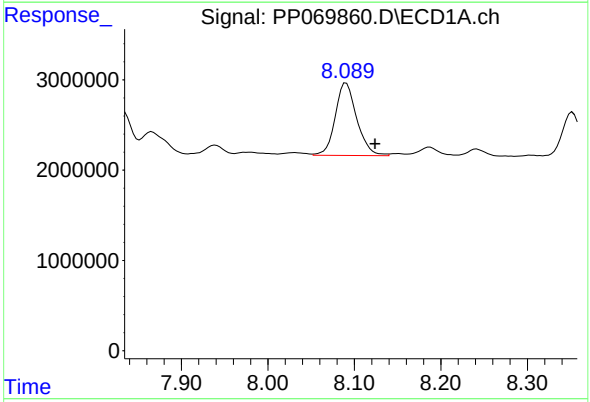
R.T.: 8.426 min
Delta R.T.: -0.021 min
Response: 5192732
Conc: 39.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



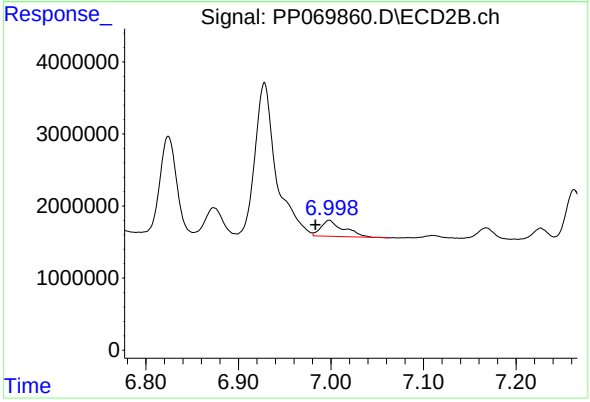
#35 AR-1260-5

R.T.: 7.497 min
Delta R.T.: 0.013 min
Response: 1306395
Conc: 11.75 ng/ml



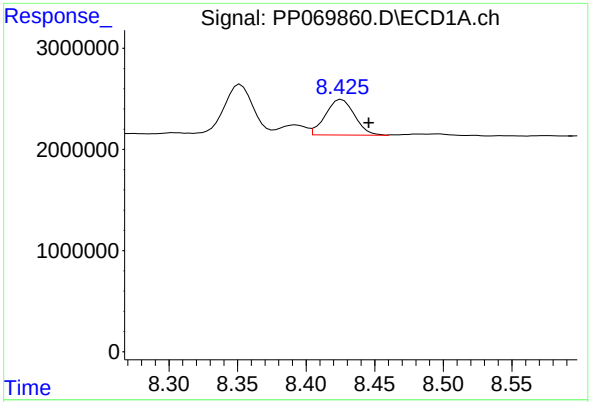
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 13788131
Conc: 174.49 ng/ml



#36 AR-1262-1

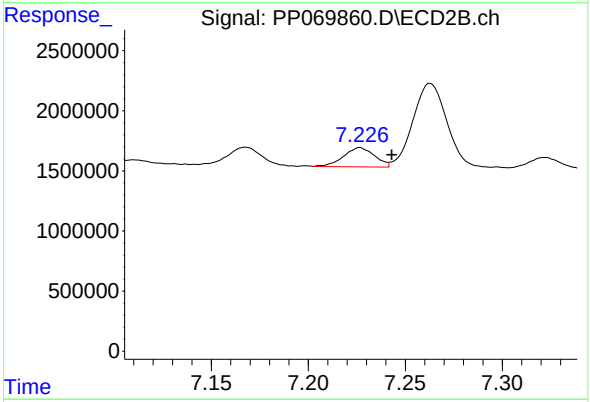
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 3814082
Conc: 53.71 ng/ml



#37 AR-1262-2

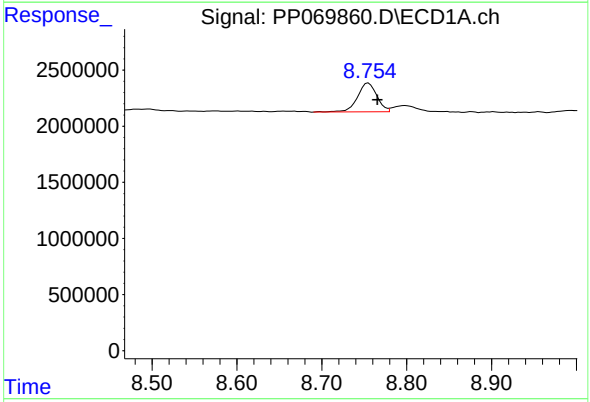
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 5192732
Conc: 33.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



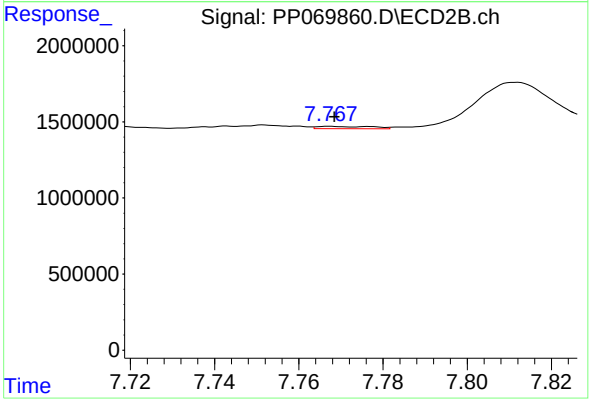
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1788797
Conc: 29.33 ng/ml



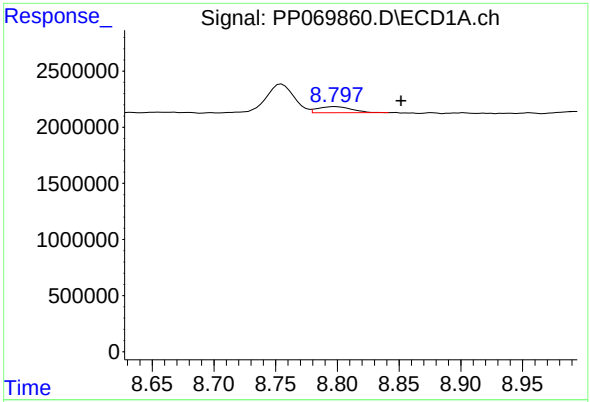
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: -0.011 min
Response: 4095499
Conc: 38.54 ng/ml



#38 AR-1262-3

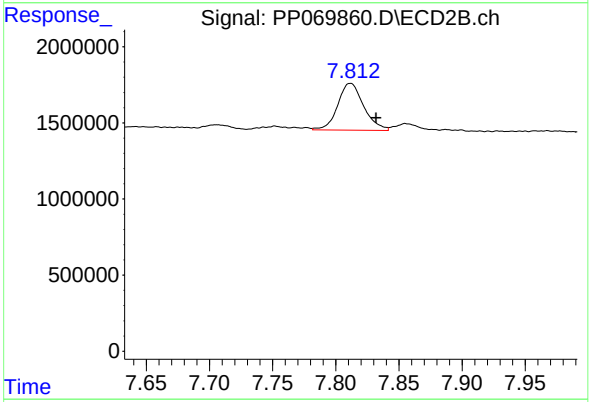
R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 138426
Conc: 2.65 ng/ml



#39 AR-1262-4

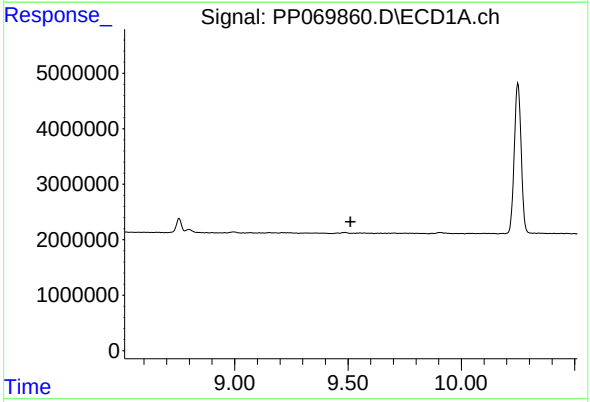
R.T.: 8.798 min
Delta R.T.: -0.053 min
Response: 1052481
Conc: 12.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



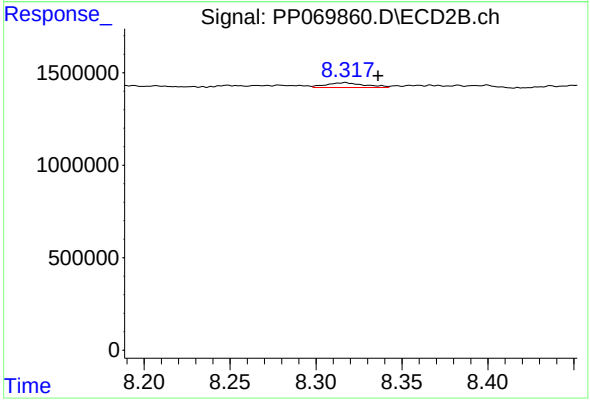
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 4388149
Conc: 47.47 ng/ml



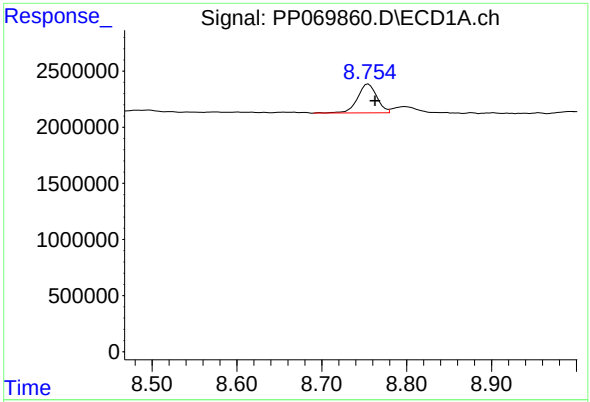
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

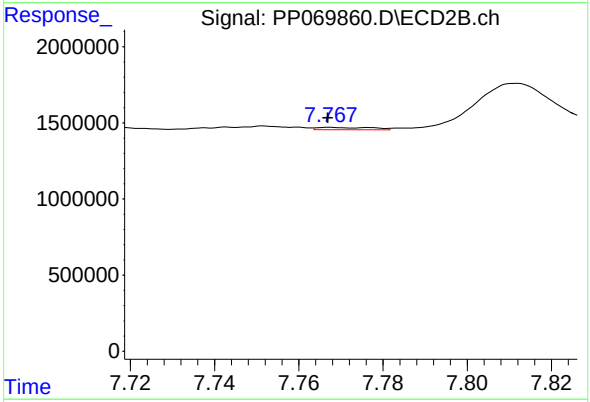
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 406255
Conc: 8.50 ng/ml



#41 AR-1268-1

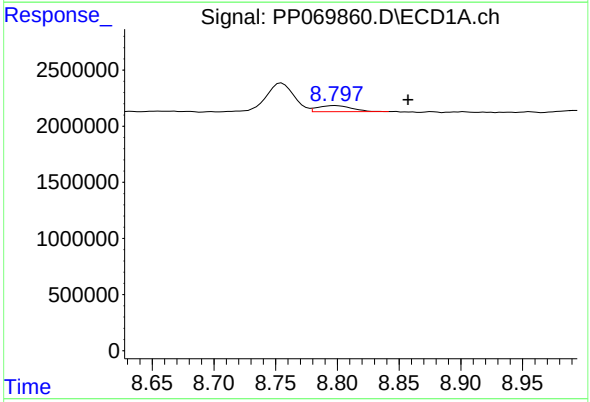
R.T.: 8.755 min
Delta R.T.: -0.008 min
Response: 4095499
Conc: 23.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



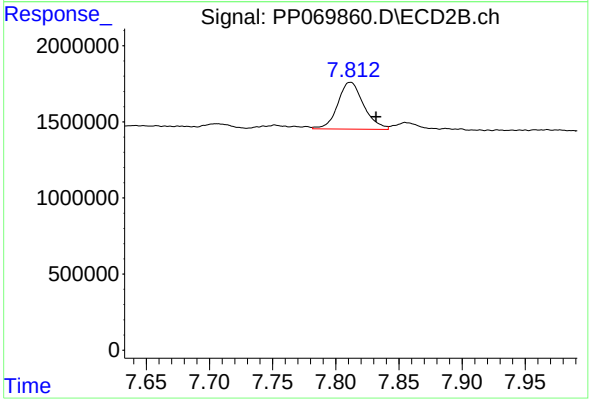
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 138426
Conc: 0.95 ng/ml



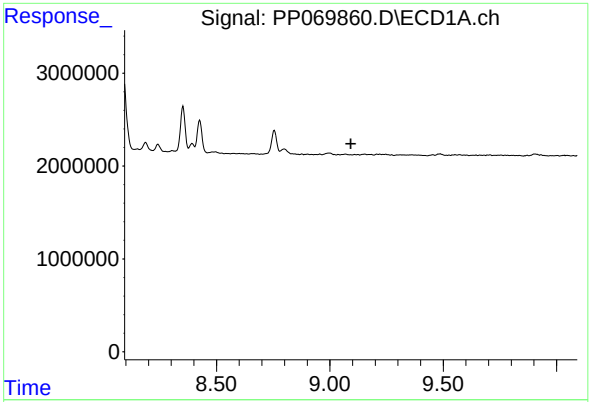
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.059 min
Response: 1052481
Conc: 6.69 ng/ml



#42 AR-1268-2

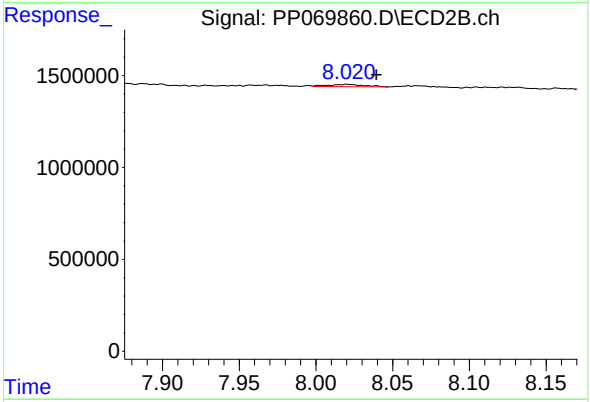
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 4388149
Conc: 33.04 ng/ml



#43 AR-1268-3

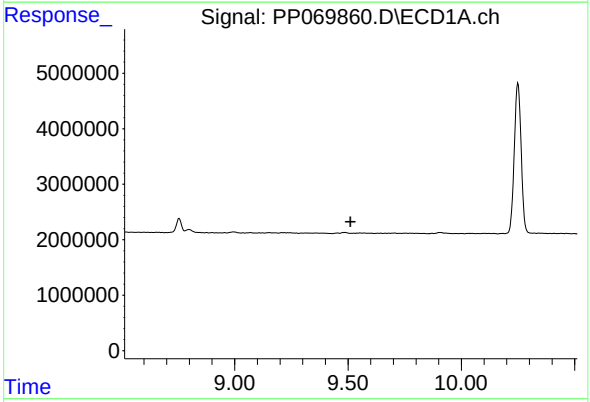
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



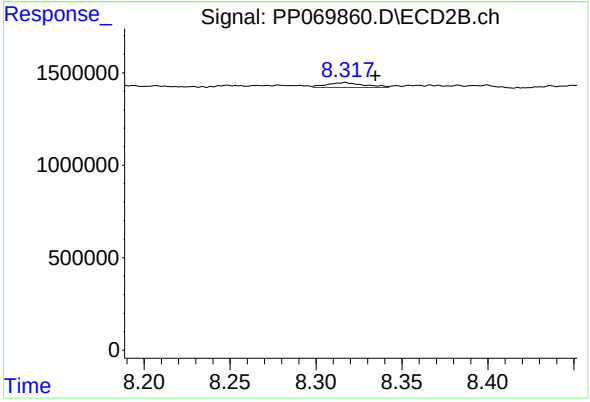
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 201708
Conc: 1.77 ng/ml



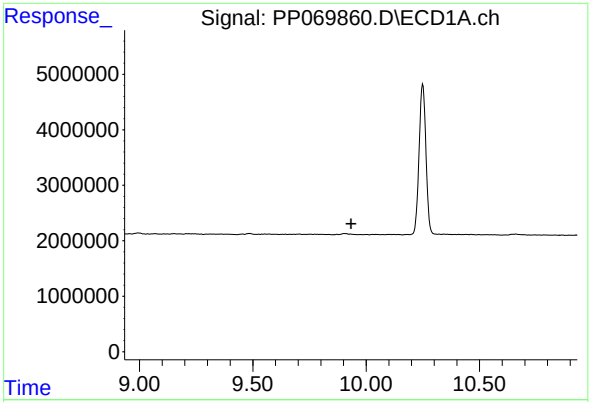
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

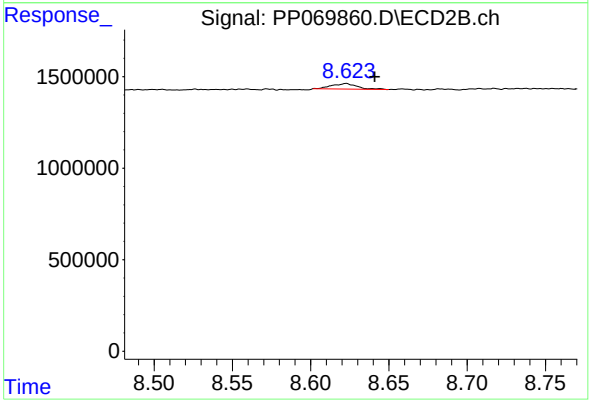
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 406255
Conc: 7.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.623 min
Delta R.T.: -0.018 min
Response: 348424
Conc: 0.98 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
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: Feb 22 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.831	33016975	19249980	23.065	21.568	
2)	SA Decachlor...	10.252	8.887	24247523	24764461	22.186	22.141	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.949	0	64241	N.D.	1.970	#
4)	L1 AR-1016-2	0.000	4.949	0	64241	N.D.	1.429	#
5)	L1 AR-1016-3	0.000	5.132	0	499728	N.D.	20.082	#
6)	L1 AR-1016-4	0.000	5.188	0	825323	N.D.	40.865	#
7)	L1 AR-1016-5	0.000	5.389	0	606846	N.D.	22.623	#
8)	L2 AR-1221-1	0.000	4.018f	0	61112	N.D.	4.961	#
9)	L2 AR-1221-2	4.830	4.133	446441	366235	32.605	37.821	
10)	L2 AR-1221-3	4.830f	4.194	446441	108513	10.644	3.720	#
11)	L3 AR-1232-1	4.830f	4.194	446441	108513	13.409	4.622	#
12)	L3 AR-1232-2	0.000	4.949	0	64241	N.D.	2.725	#
13)	L3 AR-1232-3	0.000	5.132	0	499728	N.D.	38.597	#
14)	L3 AR-1232-4	0.000	5.211	0	428545	N.D.	38.655	#
15)	L3 AR-1232-5	6.024f	5.389	591780	606846	51.628	49.699	
16)	L4 AR-1242-1	0.000	4.949	0	64241	N.D.	2.228	#
17)	L4 AR-1242-2	0.000	4.949	0	64241	N.D.	1.631	#
18)	L4 AR-1242-3	0.000	5.132	0	499728	N.D.	22.206	#
19)	L4 AR-1242-4	0.000	5.211	0	428545	N.D.	19.856	#
20)	L4 AR-1242-5	6.601	5.751	814273	1671111	24.990	58.088	#
21)	L5 AR-1248-1	0.000	4.949	0	64241	N.D.	2.919	#
22)	L5 AR-1248-2	6.024f	5.188	591780	825323	13.942	27.452	#
23)	L5 AR-1248-3	0.000	5.211	0	428545	N.D.	13.831	#
24)	L5 AR-1248-4	6.530	5.389	3897985	606846	70.717	16.426	#
25)	L5 AR-1248-5	6.601	5.801	814273	1016303	15.253	27.182	#
26)	L6 AR-1254-1	6.530	5.751	3897985	1671111	67.365	30.353	#
27)	L6 AR-1254-2	0.000	5.866	0	1820770	N.D.	37.643	#
28)	L6 AR-1254-3	7.101	6.281	1936187	1590121	22.971	20.951	
29)	L6 AR-1254-4	7.396	6.529	1444808	335073	21.189	6.538	#
30)	L6 AR-1254-5	0.000	6.966	0	259306	N.D.	3.896	#
31)	L7 AR-1260-1	7.323f	6.421	1768689	465399	30.267	9.650	#
32)	L7 AR-1260-2	7.536	6.649	1035632	156304	13.309	2.550	#
33)	L7 AR-1260-3	0.000	6.757	0	611669	N.D.	10.168	#
34)	L7 AR-1260-4	0.000	7.307f	0	281706	N.D.	6.062	#
36)	L8 AR-1262-1	0.000	6.966	0	259306	N.D.	3.652	#
37)	L8 AR-1262-2	0.000	7.307f	0	281706	N.D.	4.620	#
38)	L8 AR-1262-3	0.000	7.770	0	266244	N.D.	5.091	#
39)	L8 AR-1262-4	0.000	7.854	0	324931	N.D.	3.515	#
40)	L8 AR-1262-5	0.000	8.378f	0	70940	N.D.	1.484	#
41)	L9 AR-1268-1	0.000	7.770	0	266244	N.D.	1.835	#
42)	L9 AR-1268-2	0.000	7.854	0	324931	N.D.	2.446	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
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: Feb 22 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.378f	0	70940	N.D.	1.362 #
45) L9	AR-1268-5	0.000	8.614	0	127680	N.D.	0.358 #

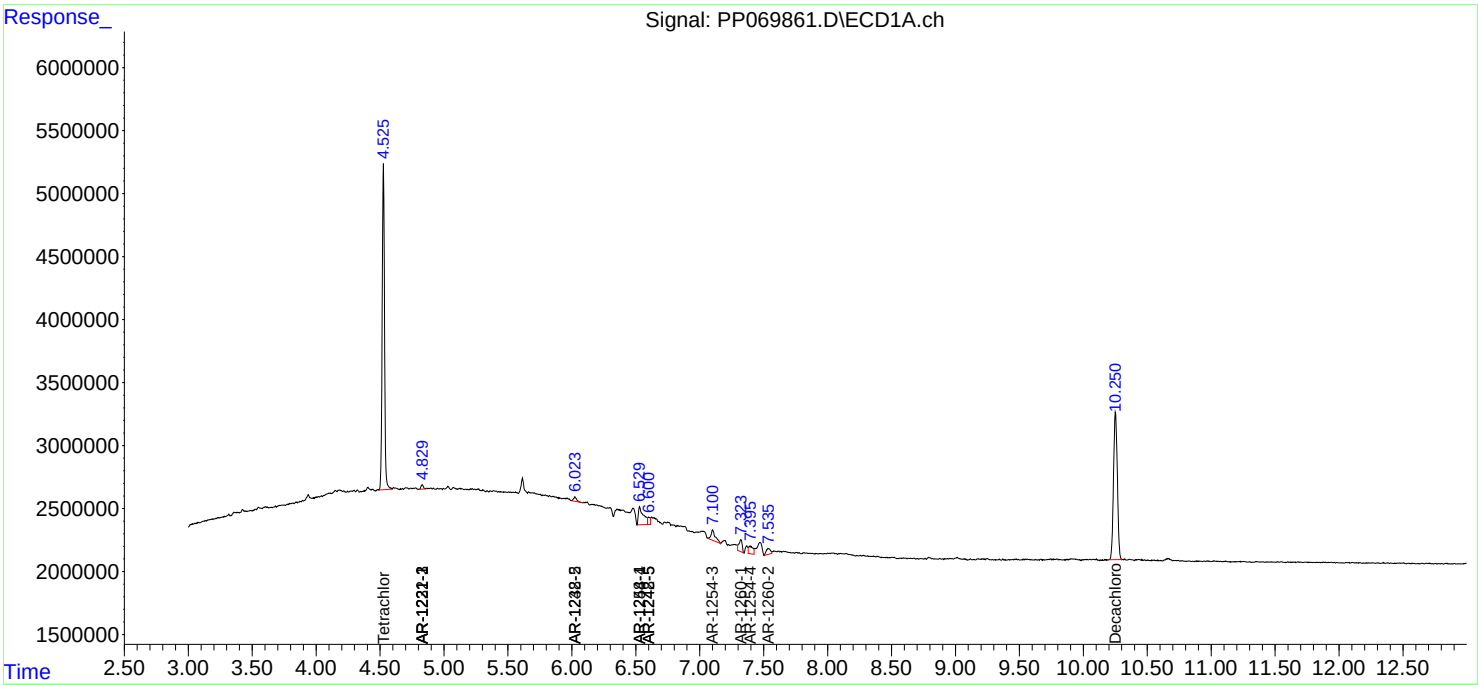
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

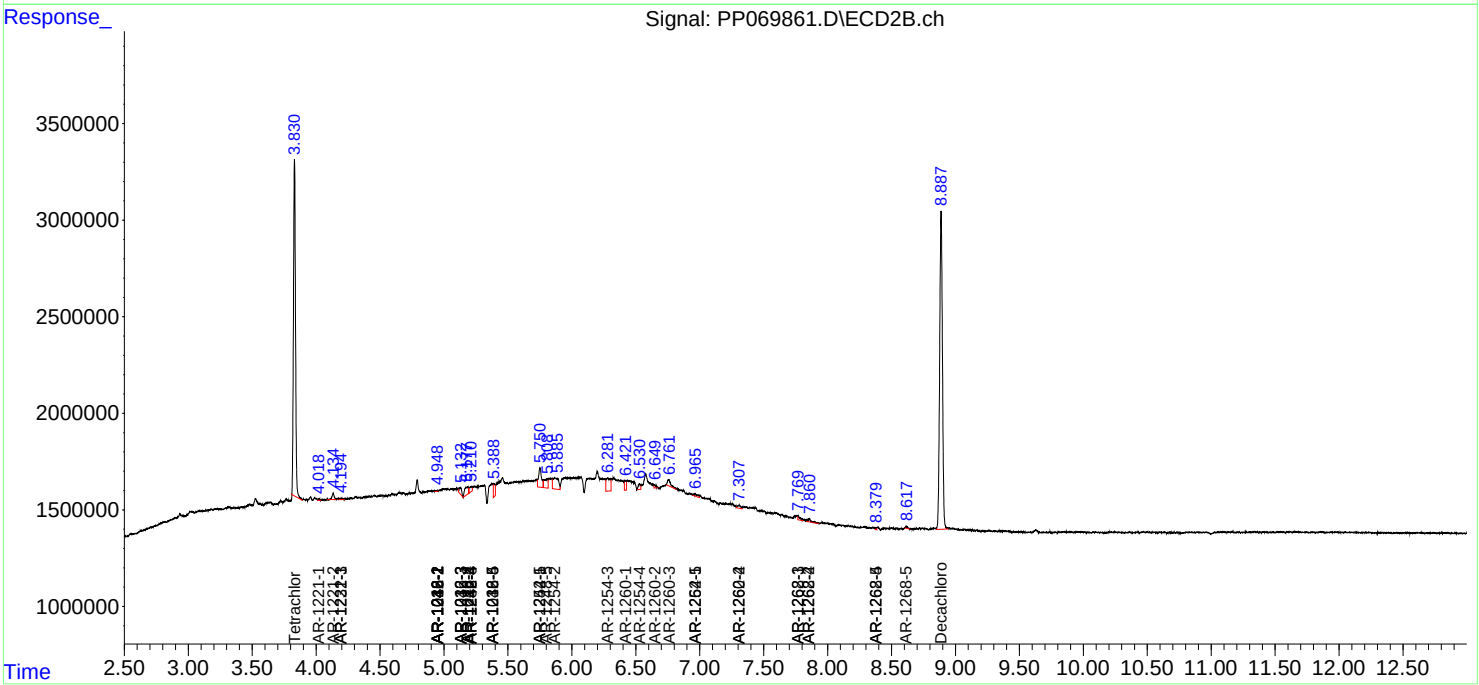
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

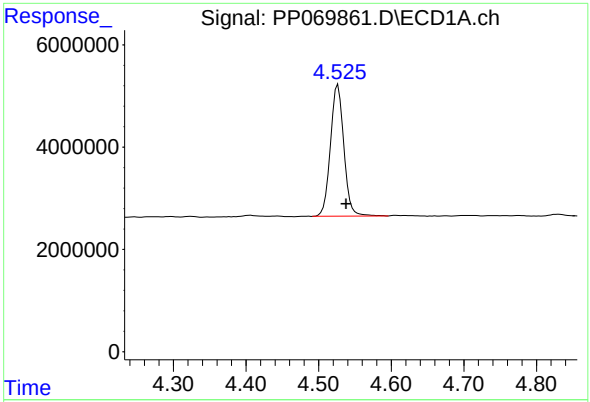
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



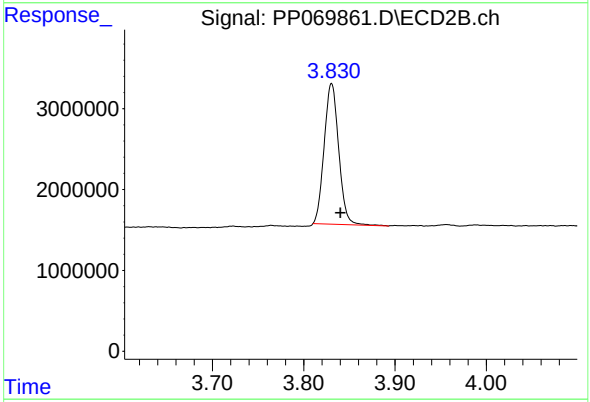




#1 Tetrachloro-m-xylene

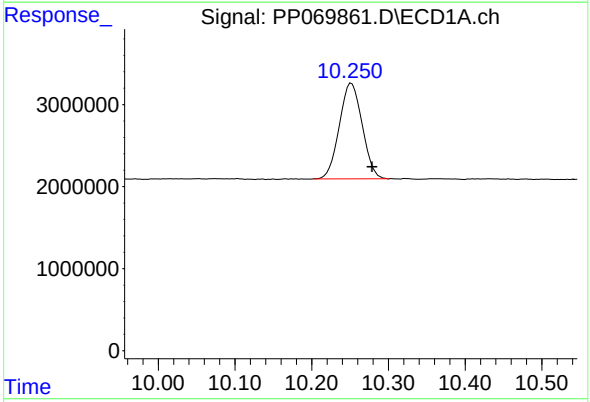
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 33016975
Conc: 23.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



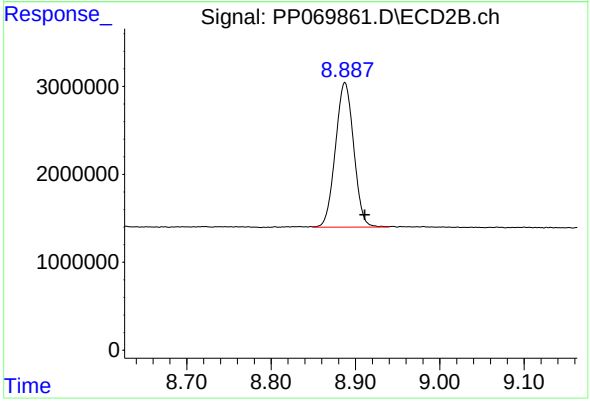
#1 Tetrachloro-m-xylene

R.T.: 3.831 min
Delta R.T.: -0.009 min
Response: 19249980
Conc: 21.57 ng/ml



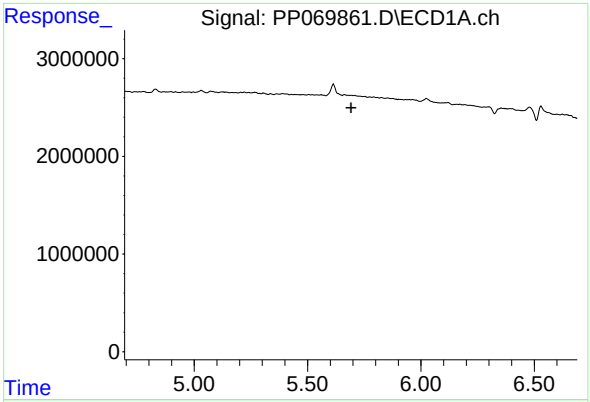
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 24247523
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

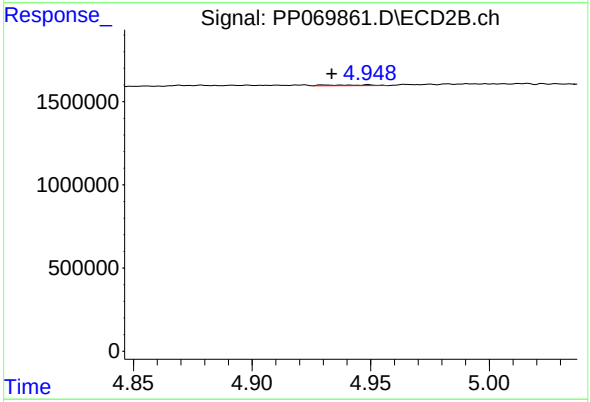
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 24764461
Conc: 22.14 ng/ml



#3 AR-1016-1

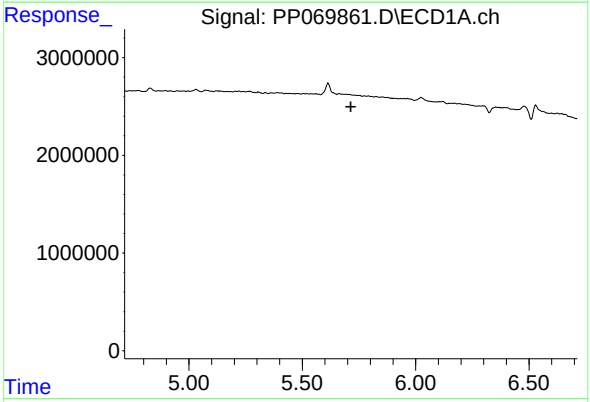
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



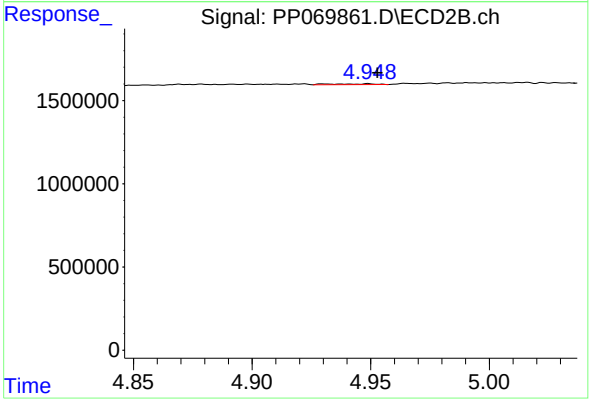
#3 AR-1016-1

R.T.: 4.949 min
Delta R.T.: 0.015 min
Response: 64241
Conc: 1.97 ng/ml



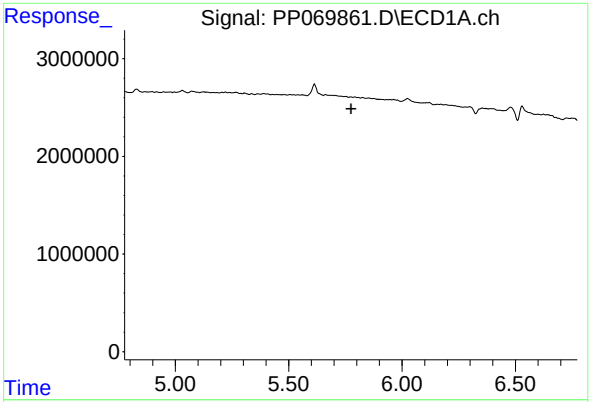
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

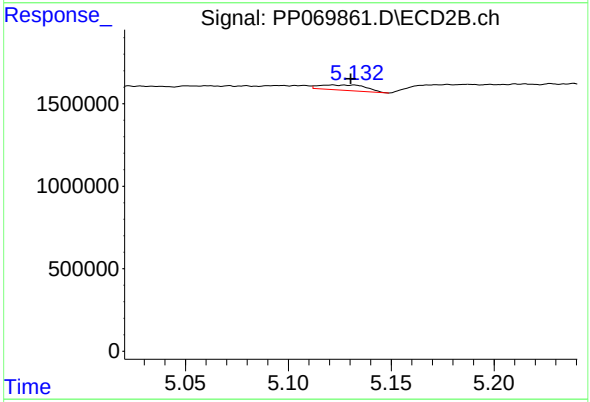
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 64241
Conc: 1.43 ng/ml



#5 AR-1016-3

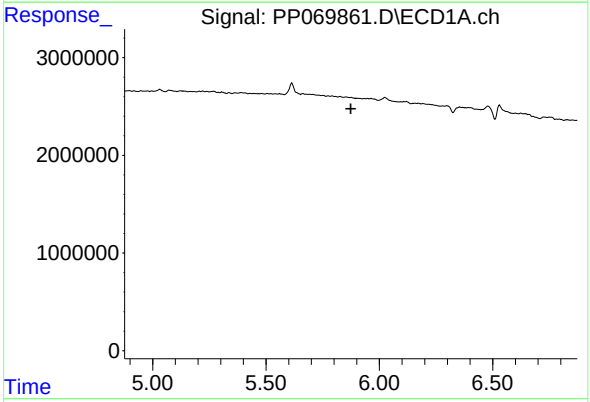
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



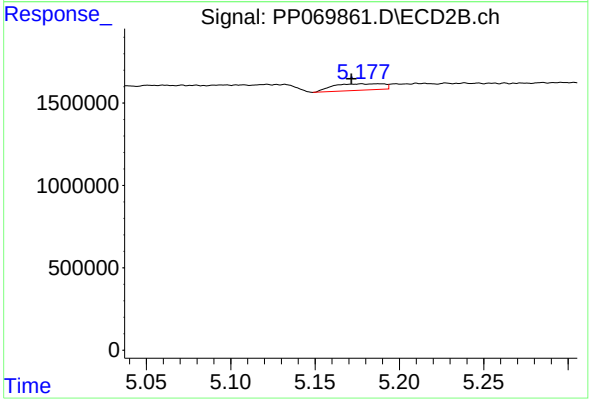
#5 AR-1016-3

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 499728
Conc: 20.08 ng/ml



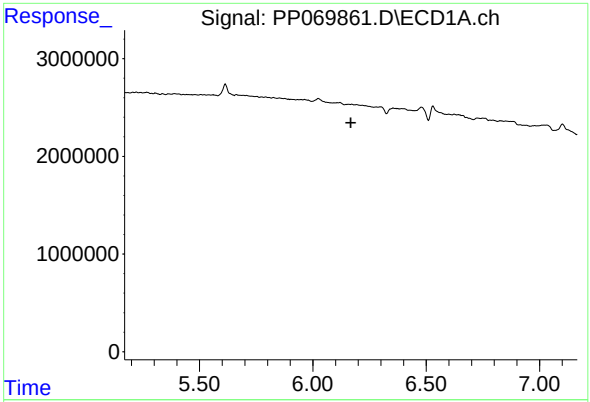
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

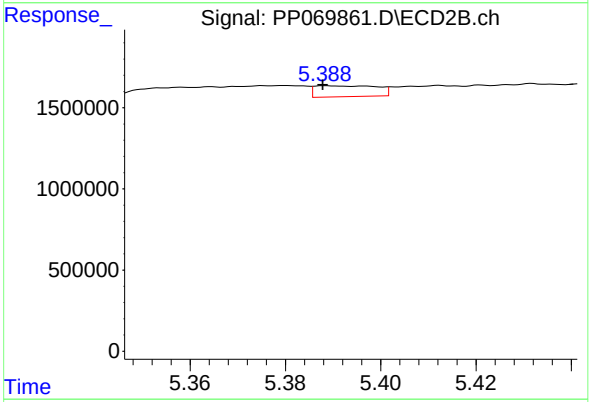
R.T.: 5.188 min
Delta R.T.: 0.016 min
Response: 825323
Conc: 40.87 ng/ml



#7 AR-1016-5

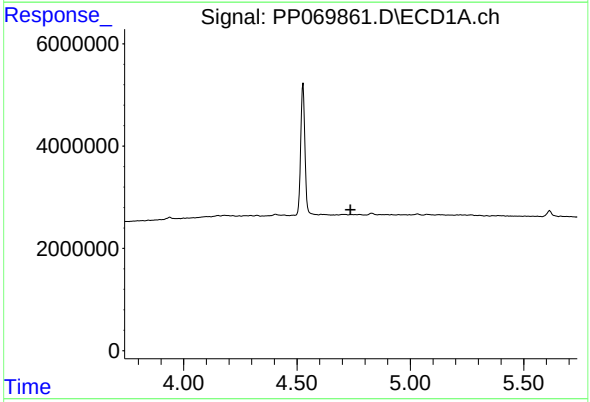
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



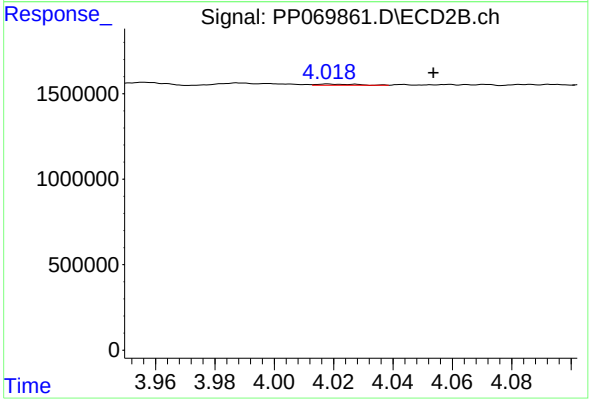
#7 AR-1016-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 606846
Conc: 22.62 ng/ml



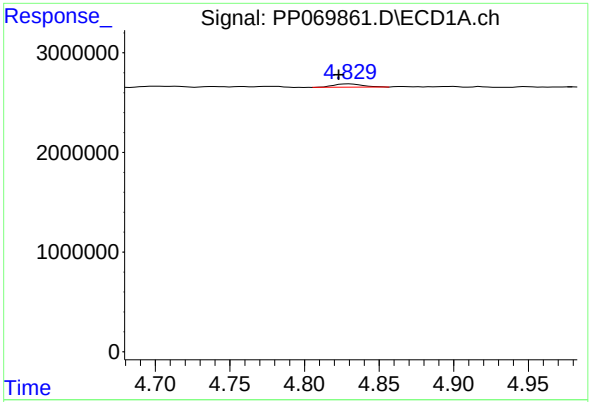
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

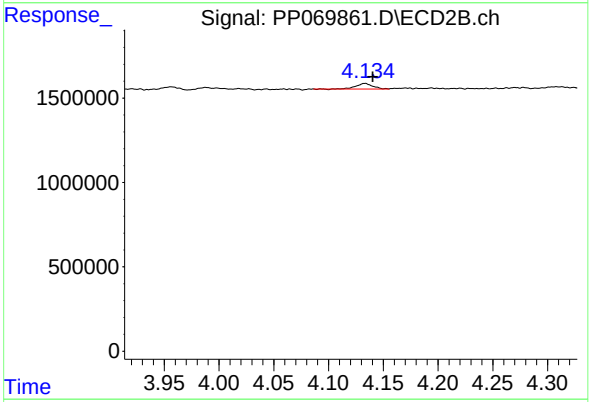
R.T.: 4.018 min
Delta R.T.: -0.035 min
Response: 61112
Conc: 4.96 ng/ml



#9 AR-1221-2

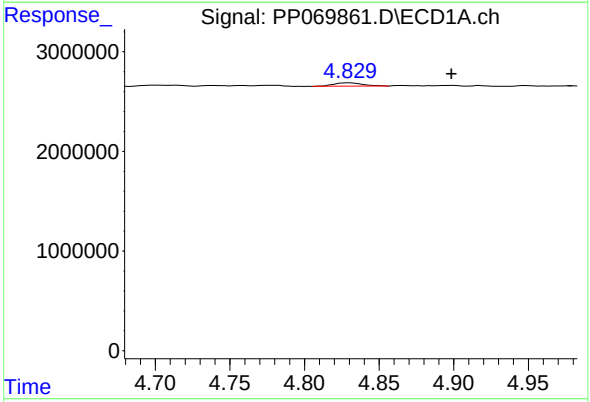
R.T.: 4.830 min
Delta R.T.: 0.007 min
Response: 446441
Conc: 32.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



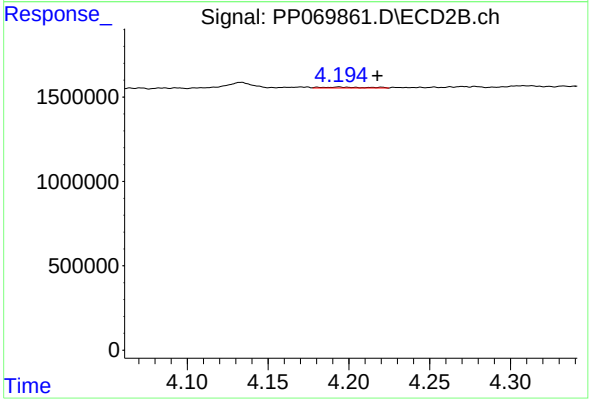
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 366235
Conc: 37.82 ng/ml



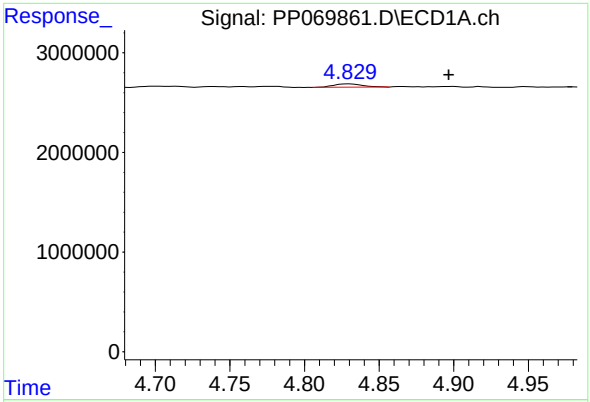
#10 AR-1221-3

R.T.: 4.830 min
Delta R.T.: -0.068 min
Response: 446441
Conc: 10.64 ng/ml



#10 AR-1221-3

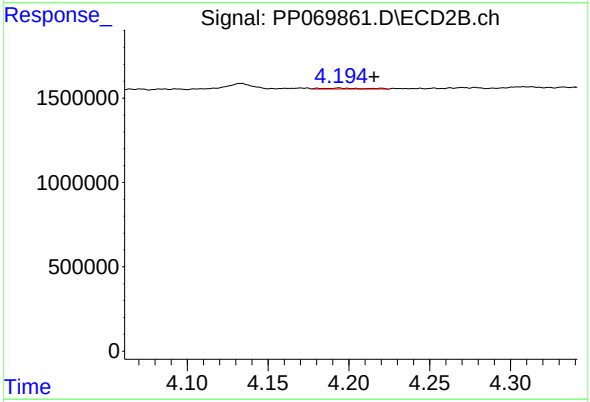
R.T.: 4.194 min
Delta R.T.: -0.024 min
Response: 108513
Conc: 3.72 ng/ml



#11 AR-1232-1

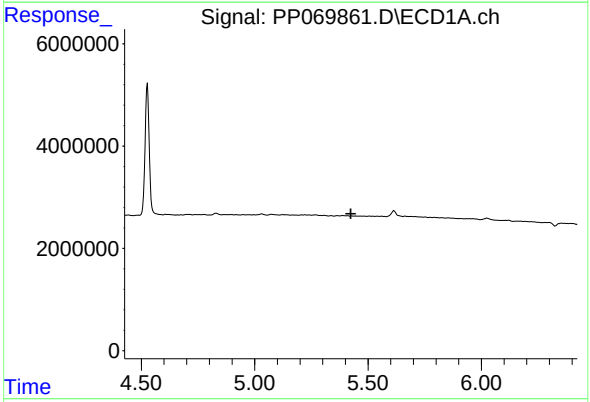
R.T.: 4.830 min
Delta R.T.: -0.067 min
Response: 446441
Conc: 13.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



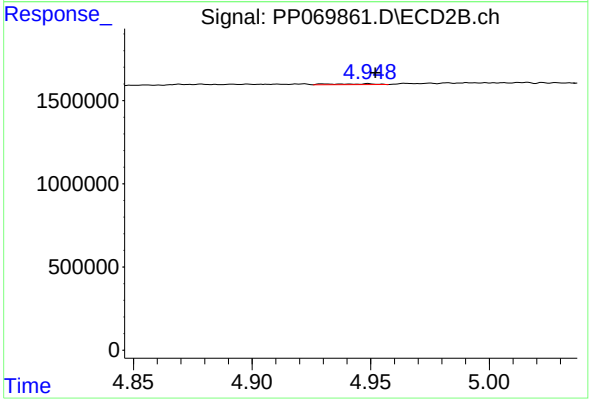
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.022 min
Response: 108513
Conc: 4.62 ng/ml



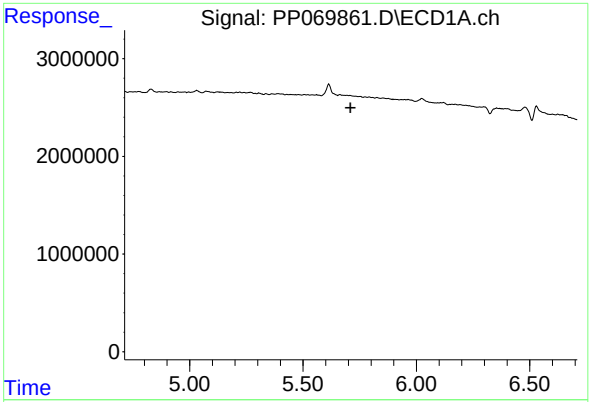
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

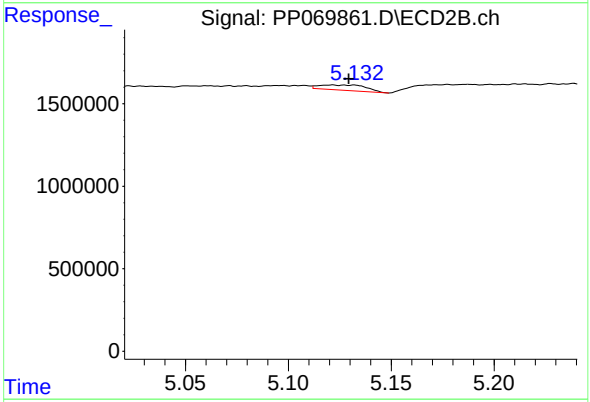
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 64241
Conc: 2.73 ng/ml



#13 AR-1232-3

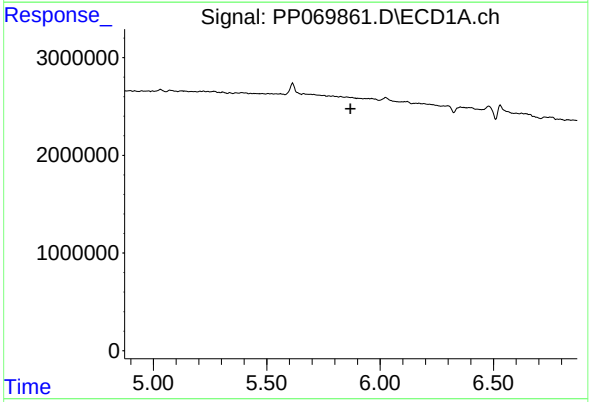
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



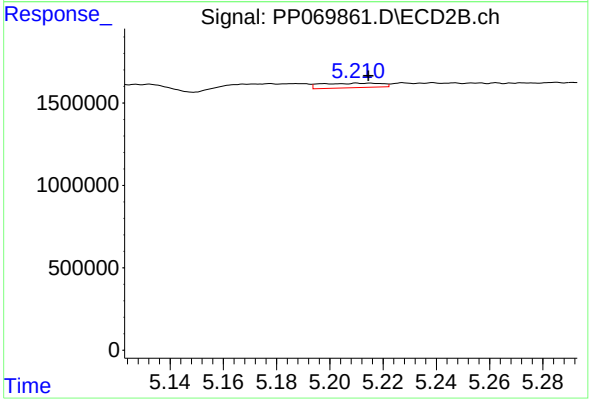
#13 AR-1232-3

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 499728
Conc: 38.60 ng/ml



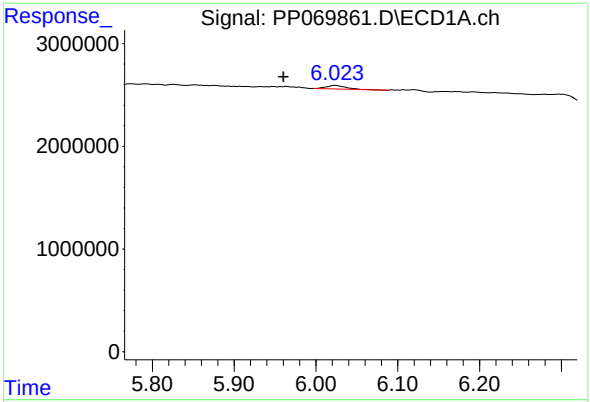
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

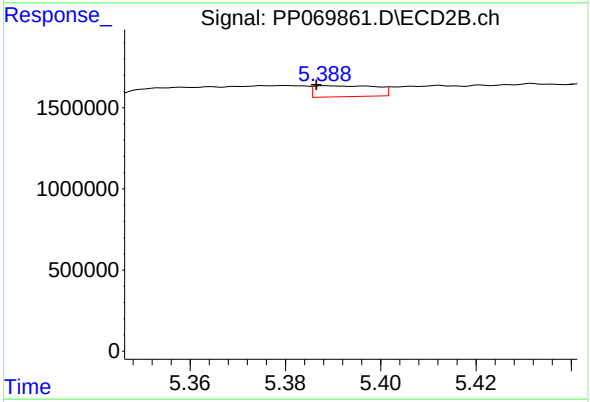
R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 428545
Conc: 38.66 ng/ml



#15 AR-1232-5

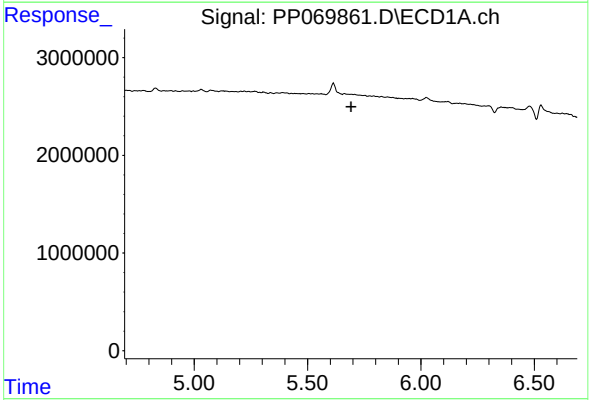
R.T.: 6.024 min
Delta R.T.: 0.064 min
Response: 591780
Conc: 51.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



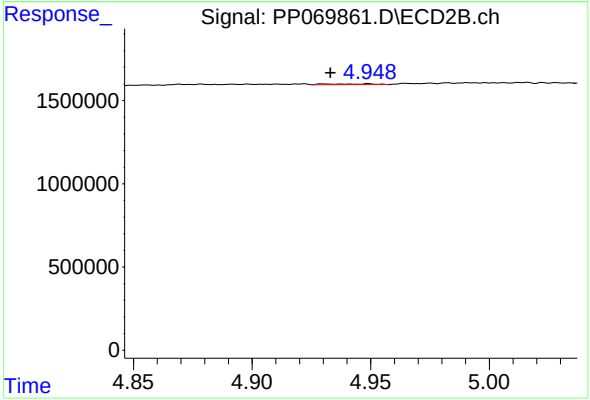
#15 AR-1232-5

R.T.: 5.389 min
Delta R.T.: 0.002 min
Response: 606846
Conc: 49.70 ng/ml



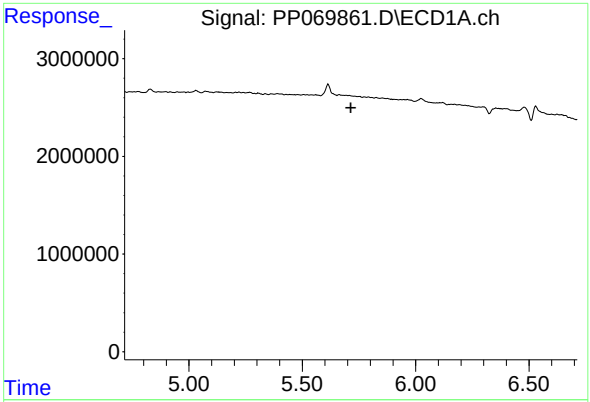
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

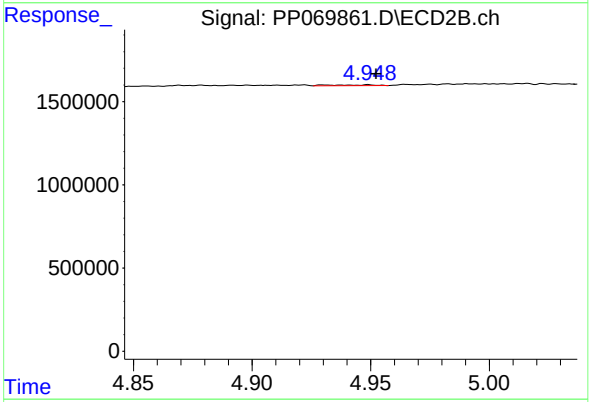
R.T.: 4.949 min
Delta R.T.: 0.016 min
Response: 64241
Conc: 2.23 ng/ml



#17 AR-1242-2

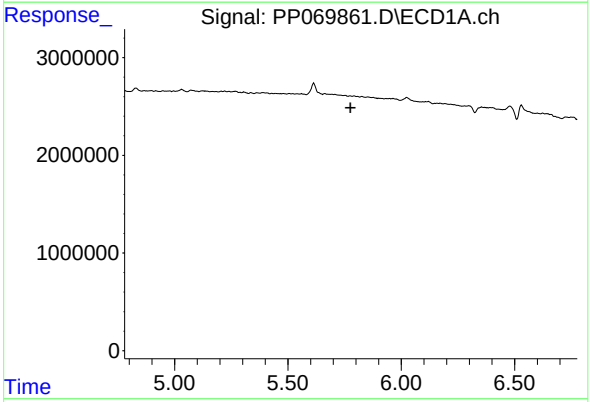
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



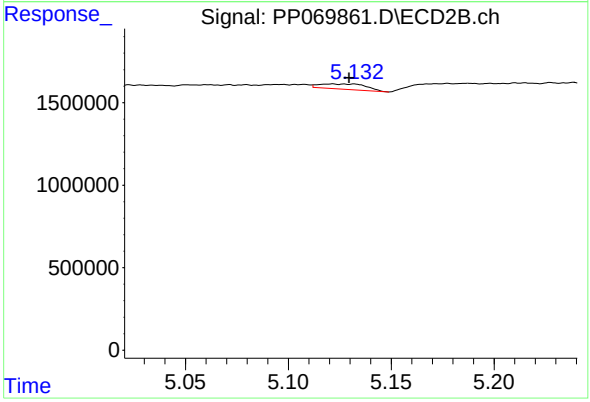
#17 AR-1242-2

R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 64241
Conc: 1.63 ng/ml



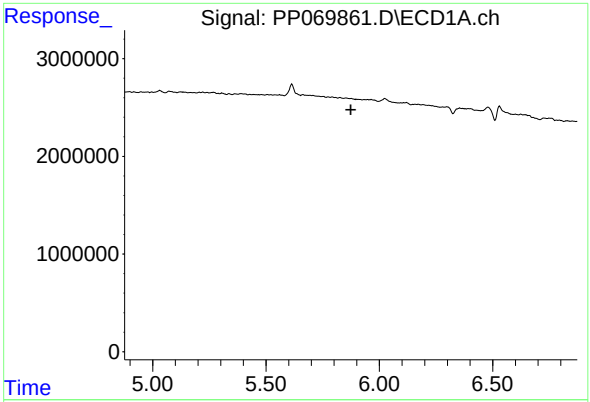
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

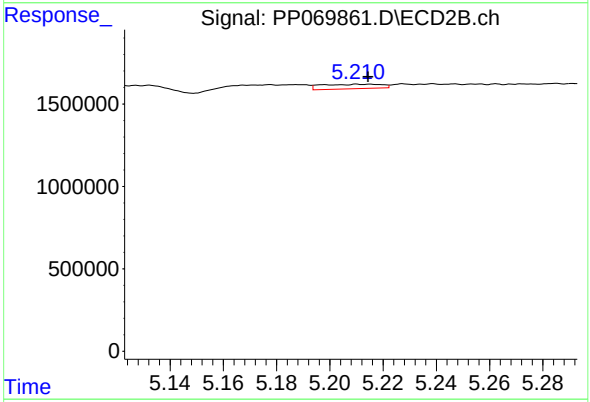
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 499728
Conc: 22.21 ng/ml



#19 AR-1242-4

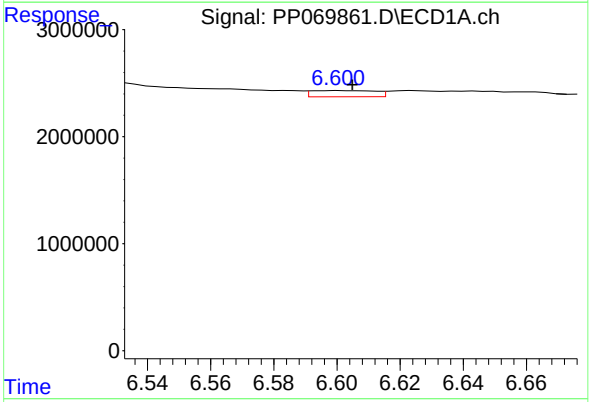
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



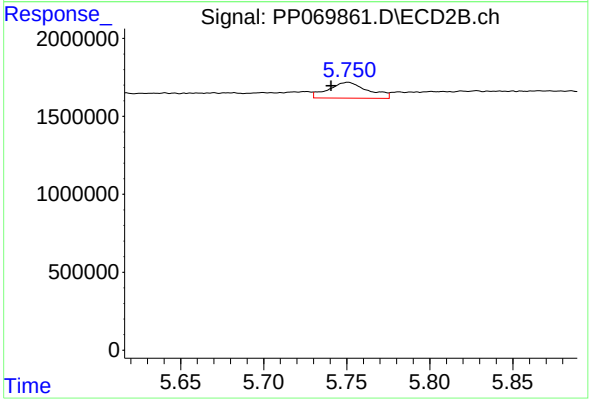
#19 AR-1242-4

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 428545
Conc: 19.86 ng/ml



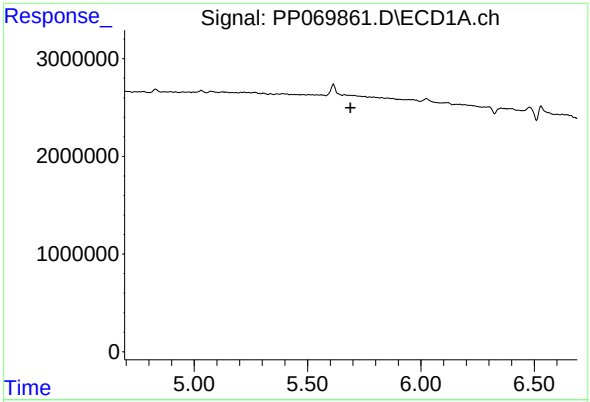
#20 AR-1242-5

R.T.: 6.601 min
Delta R.T.: -0.004 min
Response: 814273
Conc: 24.99 ng/ml



#20 AR-1242-5

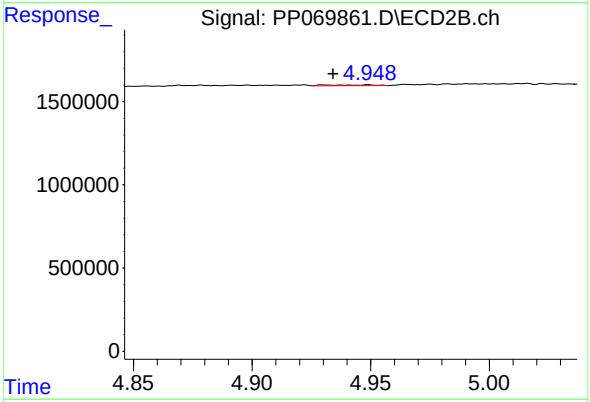
R.T.: 5.751 min
Delta R.T.: 0.010 min
Response: 1671111
Conc: 58.09 ng/ml



#21 AR-1248-1

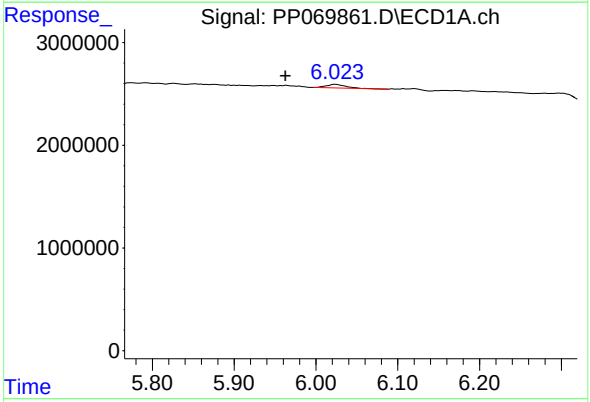
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



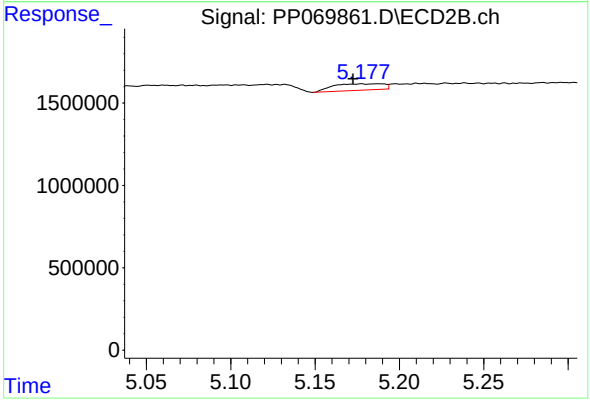
#21 AR-1248-1

R.T.: 4.949 min
Delta R.T.: 0.015 min
Response: 64241
Conc: 2.92 ng/ml



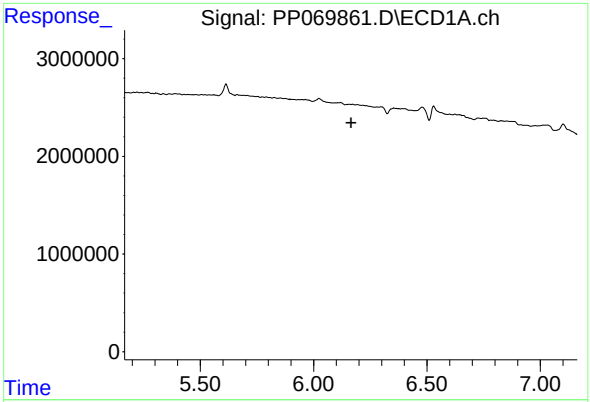
#22 AR-1248-2

R.T.: 6.024 min
Delta R.T.: 0.062 min
Response: 591780
Conc: 13.94 ng/ml



#22 AR-1248-2

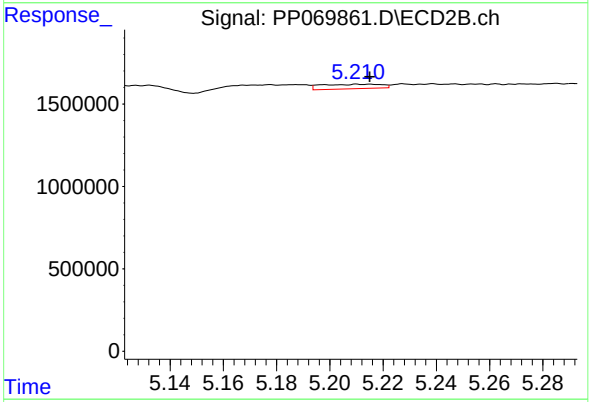
R.T.: 5.188 min
Delta R.T.: 0.015 min
Response: 825323
Conc: 27.45 ng/ml



#23 AR-1248-3

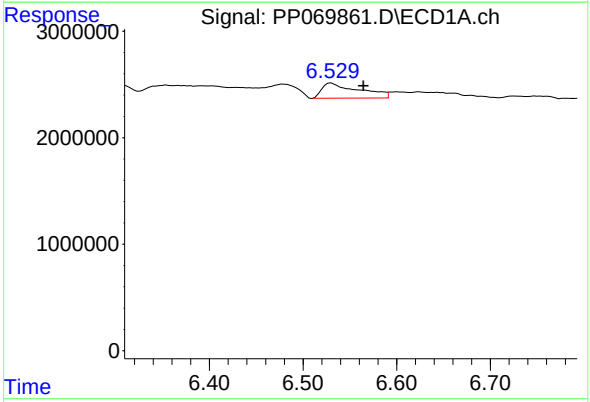
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



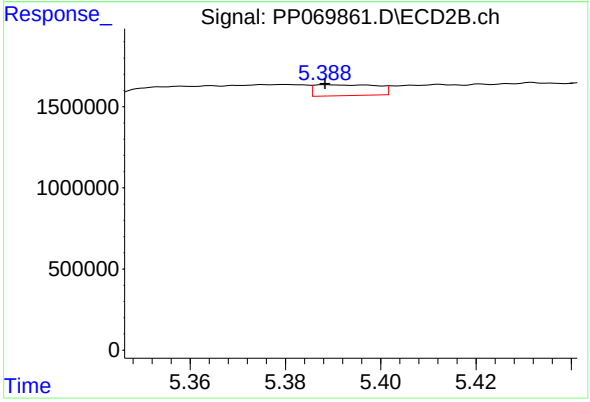
#23 AR-1248-3

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 428545
Conc: 13.83 ng/ml



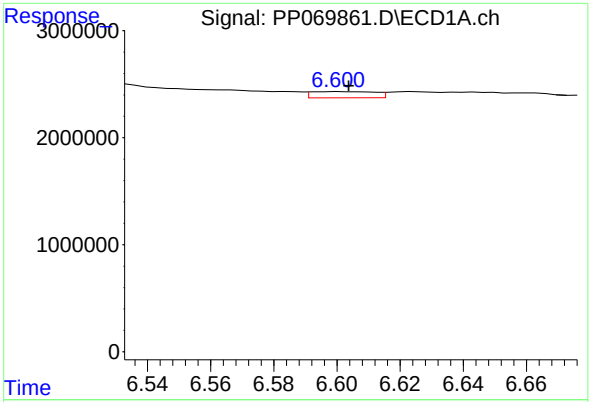
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: -0.034 min
Response: 3897985
Conc: 70.72 ng/ml



#24 AR-1248-4

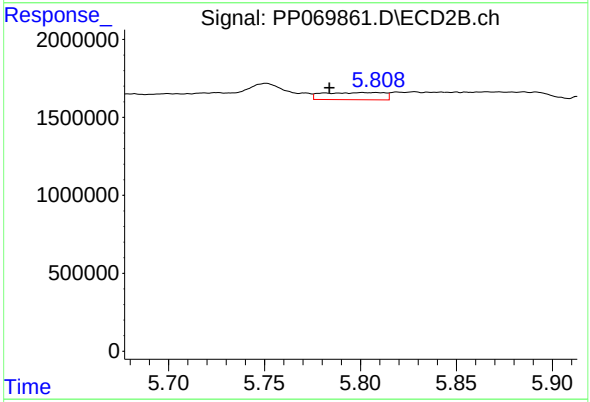
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 606846
Conc: 16.43 ng/ml



#25 AR-1248-5

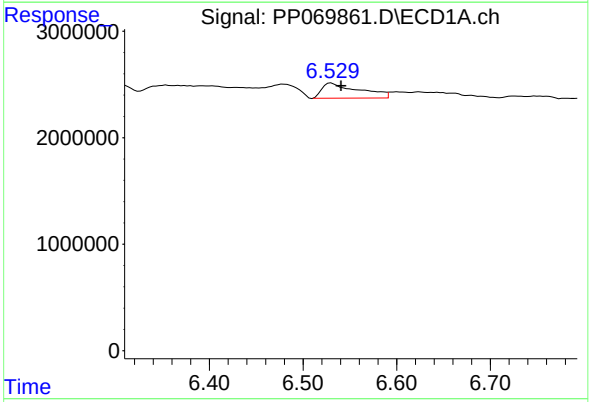
R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 814273
Conc: 15.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



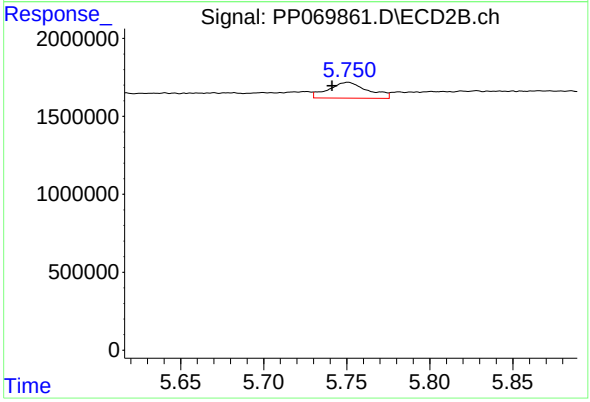
#25 AR-1248-5

R.T.: 5.801 min
Delta R.T.: 0.017 min
Response: 1016303
Conc: 27.18 ng/ml



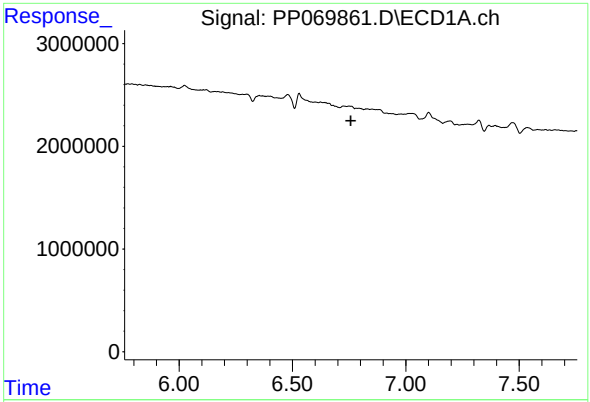
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 3897985
Conc: 67.36 ng/ml



#26 AR-1254-1

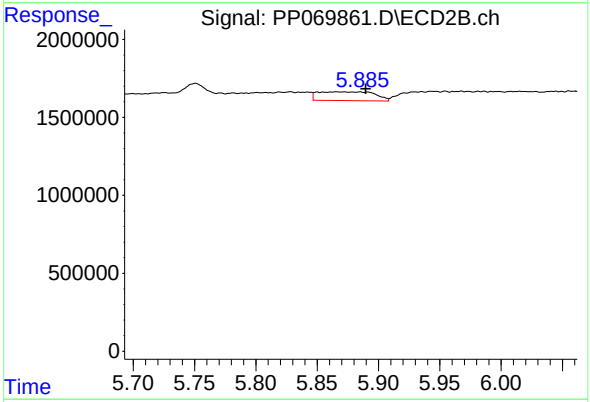
R.T.: 5.751 min
Delta R.T.: 0.009 min
Response: 1671111
Conc: 30.35 ng/ml



#27 AR-1254-2

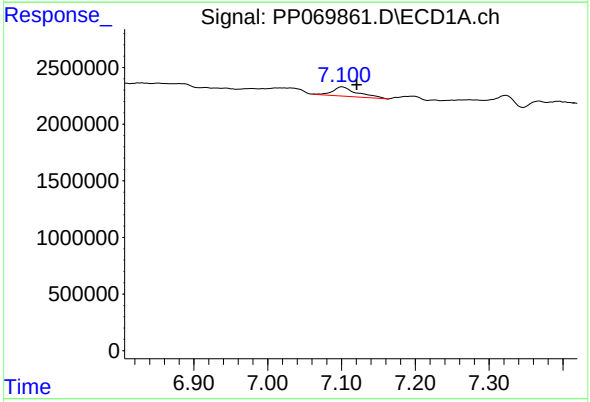
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



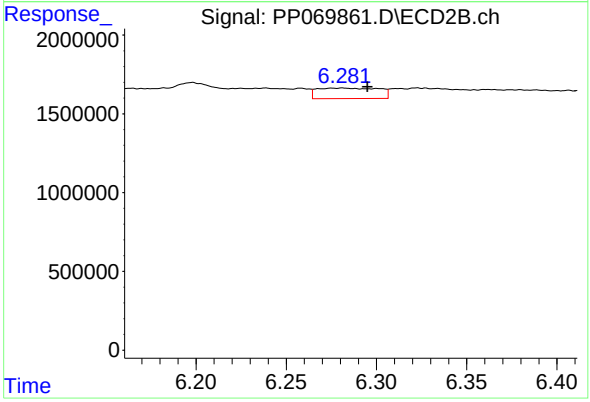
#27 AR-1254-2

R.T.: 5.866 min
Delta R.T.: -0.024 min
Response: 1820770
Conc: 37.64 ng/ml



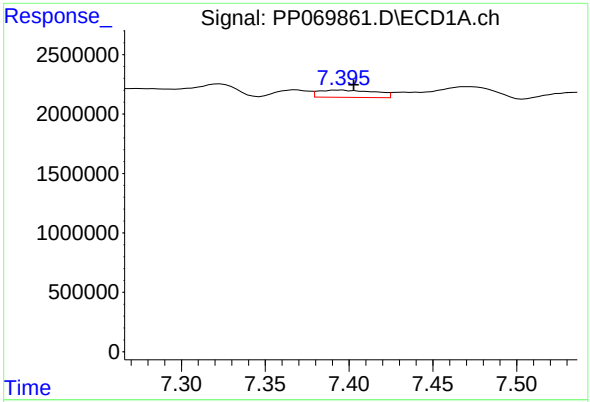
#28 AR-1254-3

R.T.: 7.101 min
Delta R.T.: -0.019 min
Response: 1936187
Conc: 22.97 ng/ml



#28 AR-1254-3

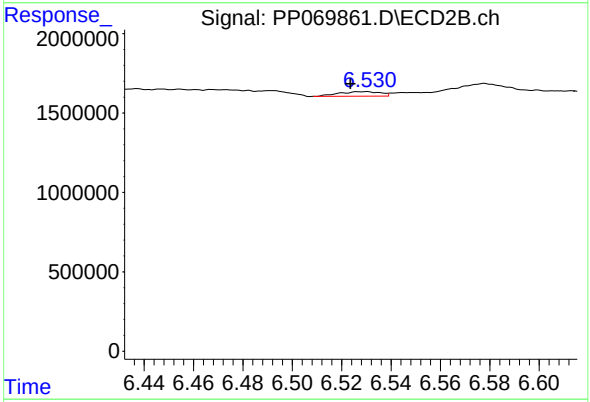
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 1590121
Conc: 20.95 ng/ml



#29 AR-1254-4

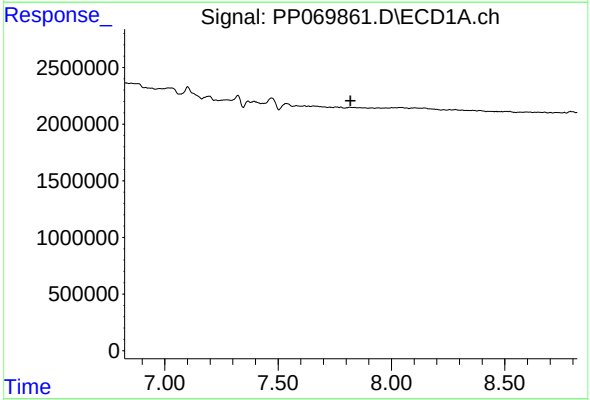
R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 1444808
Conc: 21.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



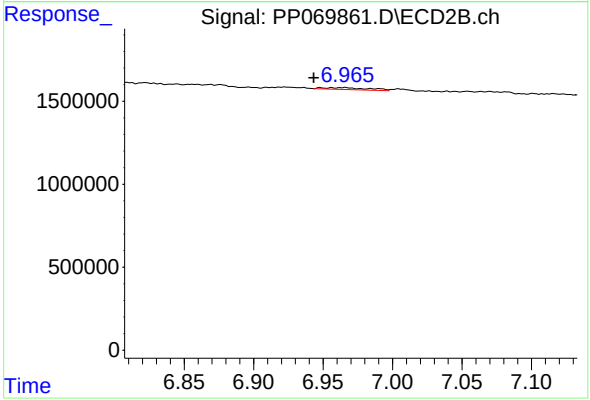
#29 AR-1254-4

R.T.: 6.529 min
Delta R.T.: 0.006 min
Response: 335073
Conc: 6.54 ng/ml



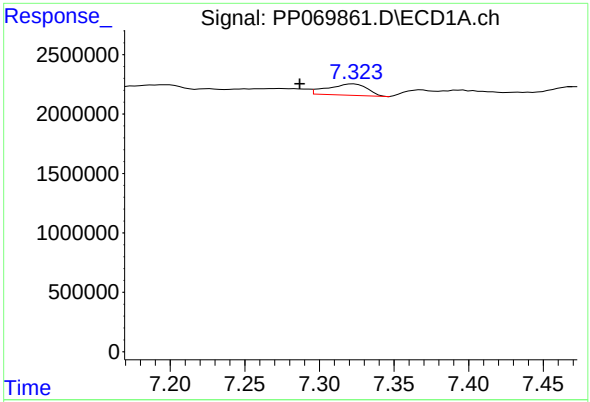
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

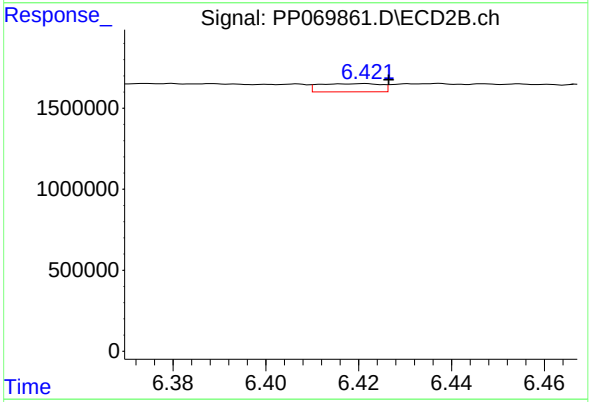
R.T.: 6.966 min
Delta R.T.: 0.023 min
Response: 259306
Conc: 3.90 ng/ml



#31 AR-1260-1

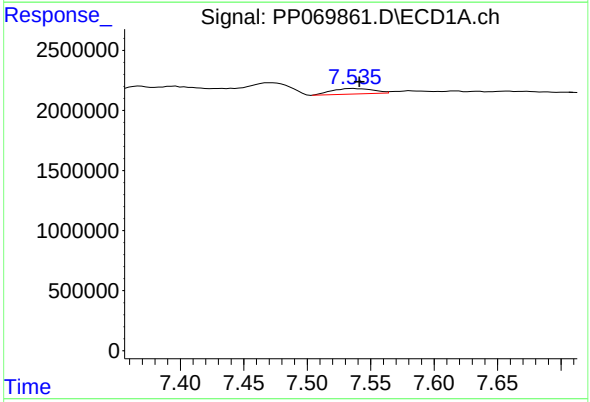
R.T.: 7.323 min
Delta R.T.: 0.036 min
Response: 1768689
Conc: 30.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



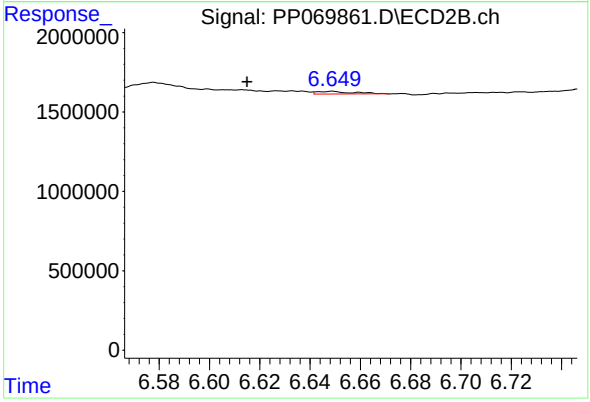
#31 AR-1260-1

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 465399
Conc: 9.65 ng/ml



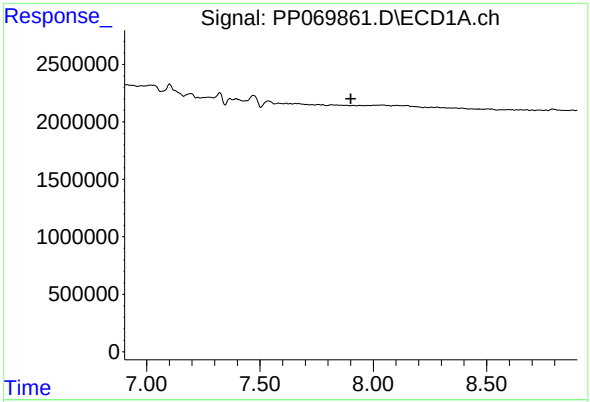
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 1035632
Conc: 13.31 ng/ml



#32 AR-1260-2

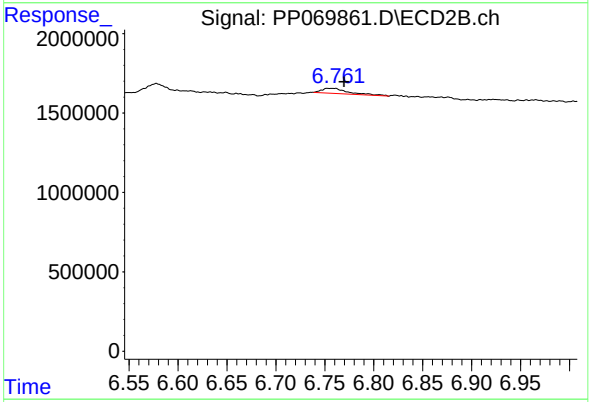
R.T.: 6.649 min
Delta R.T.: 0.034 min
Response: 156304
Conc: 2.55 ng/ml



#33 AR-1260-3

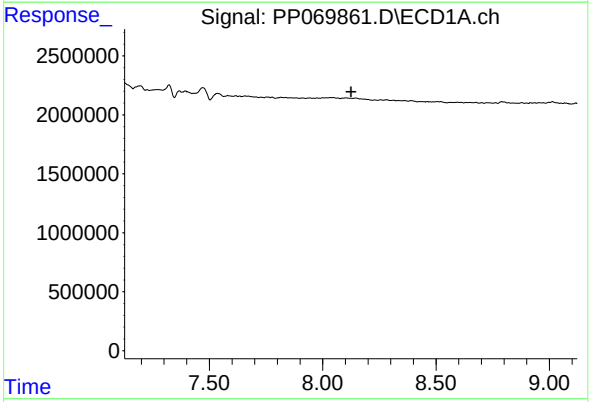
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



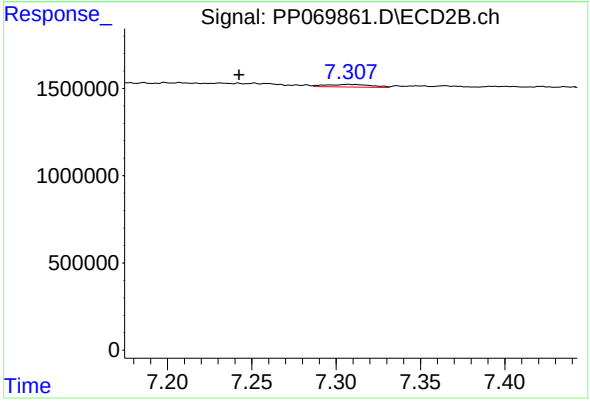
#33 AR-1260-3

R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 611669
Conc: 10.17 ng/ml



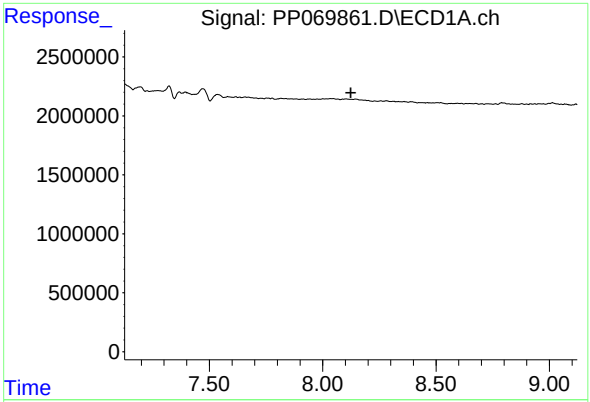
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



#34 AR-1260-4

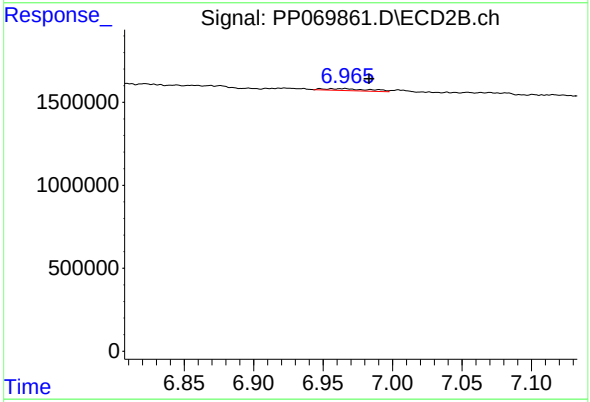
R.T.: 7.307 min
Delta R.T.: 0.065 min
Response: 281706
Conc: 6.06 ng/ml



#36 AR-1262-1

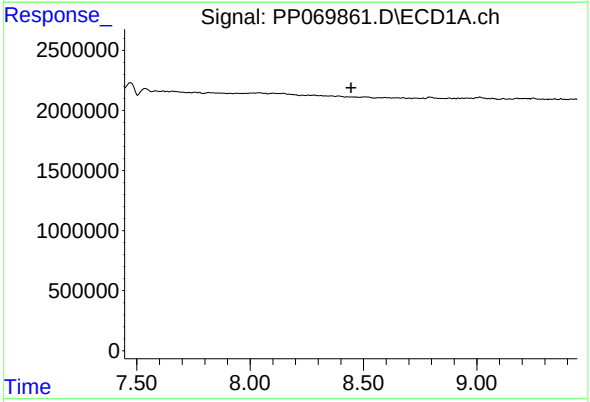
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



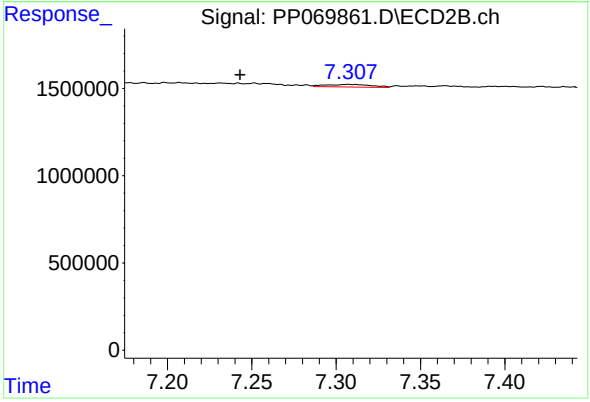
#36 AR-1262-1

R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 259306
Conc: 3.65 ng/ml



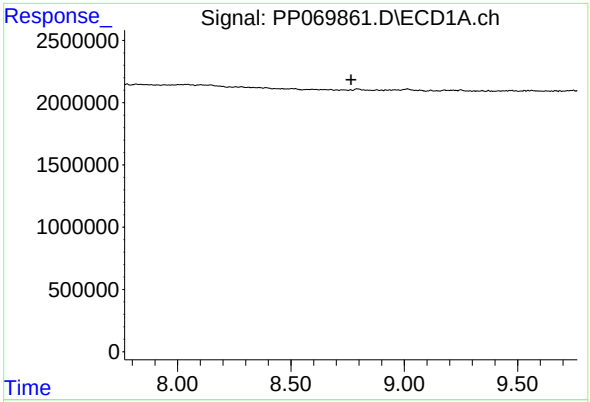
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

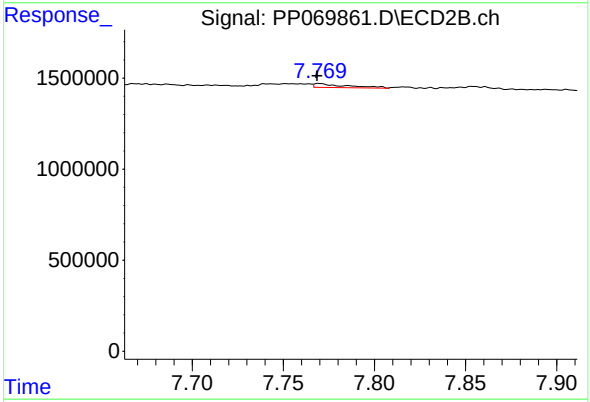
R.T.: 7.307 min
Delta R.T.: 0.064 min
Response: 281706
Conc: 4.62 ng/ml



#38 AR-1262-3

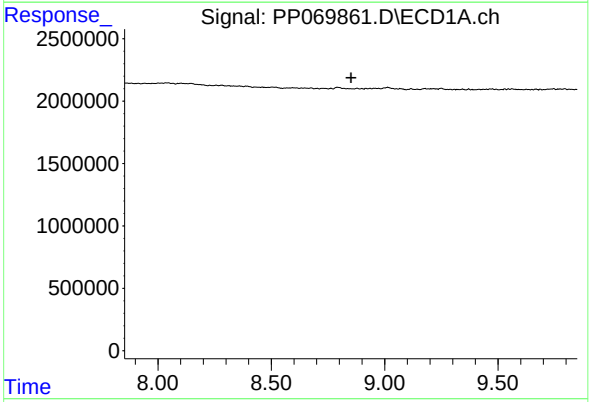
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



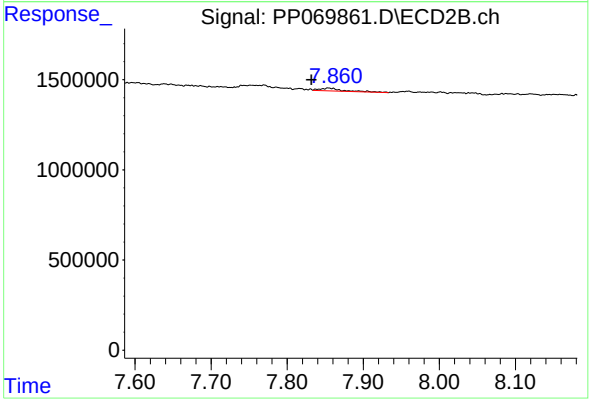
#38 AR-1262-3

R.T.: 7.770 min
Delta R.T.: 0.001 min
Response: 266244
Conc: 5.09 ng/ml



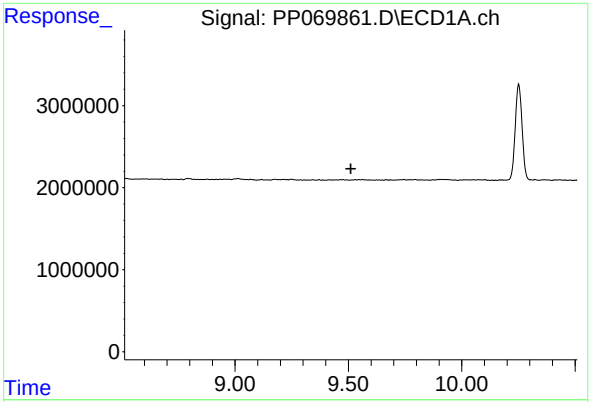
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

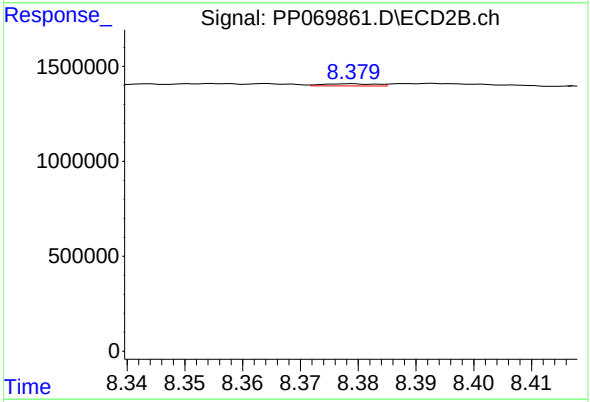
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 324931
Conc: 3.52 ng/ml



#40 AR-1262-5

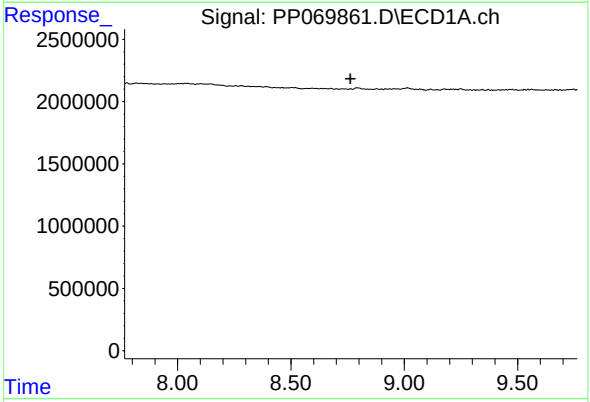
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



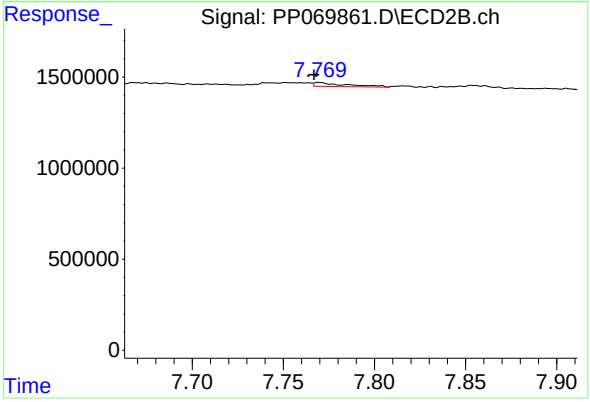
#40 AR-1262-5

R.T.: 8.378 min
Delta R.T.: 0.043 min
Response: 70940
Conc: 1.48 ng/ml



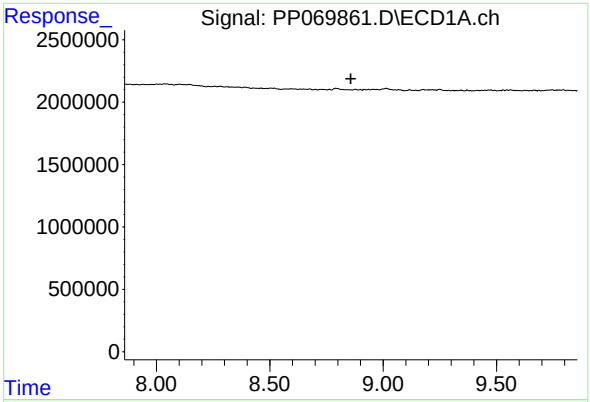
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

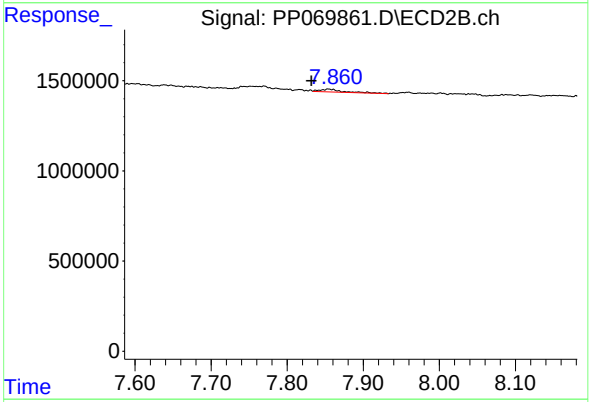
R.T.: 7.770 min
Delta R.T.: 0.003 min
Response: 266244
Conc: 1.83 ng/ml



#42 AR-1268-2

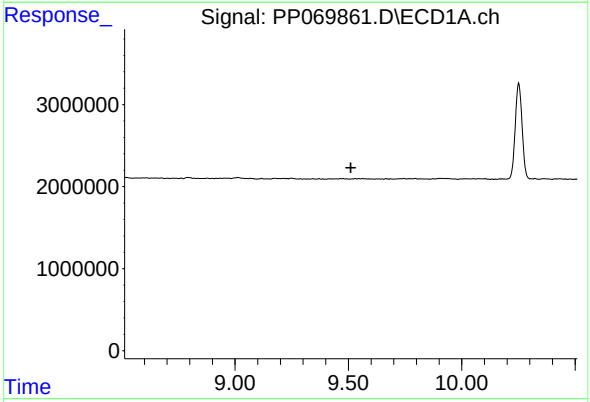
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



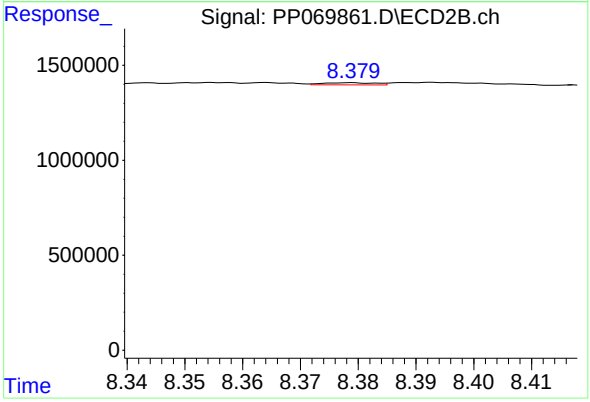
#42 AR-1268-2

R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 324931
Conc: 2.45 ng/ml



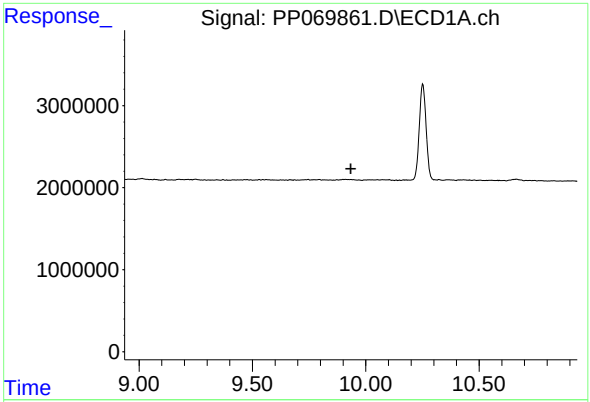
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

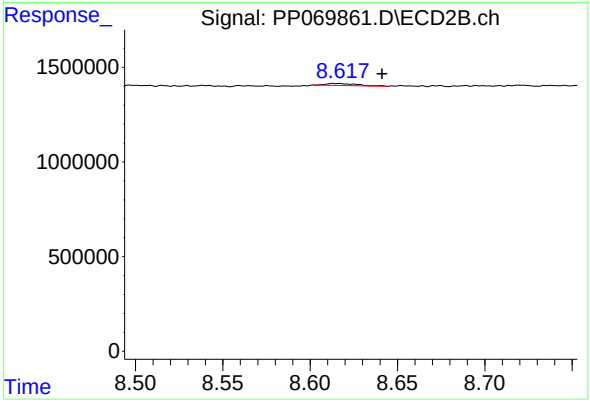
R.T.: 8.378 min
Delta R.T.: 0.044 min
Response: 70940
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.614 min
Delta R.T.: -0.027 min
Response: 127680
Conc: 0.36 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:03
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: Feb 21 23:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.830	75284701	44780623	52.592	50.172	
2)	SA Decachlor...	10.252	8.889	57225239	56542283	52.361	50.553	
	Target Compounds							
3)	L1 AR-1016-1	5.700	4.939	35628299	21901219	768.962	671.507	
4)	L1 AR-1016-2	5.700	4.939	35628299	21901219	524.894	487.144	
5)	L1 AR-1016-3	5.762	5.117	21564810	12543077	506.257	504.062	
6)	L1 AR-1016-4	5.860	5.158	17912421	9501531	511.777	470.460	
7)	L1 AR-1016-5	6.152	5.373	15689494	14841294	474.597	553.286	
8)	L2 AR-1221-1	4.721	4.040	2246848	1803468	118.134	146.409	
9)	L2 AR-1221-2	4.812	4.130	3747001	2703602	273.654	279.200	
10)	L2 AR-1221-3	4.887	4.205	13303359	9055437	317.174	310.393	
11)	L3 AR-1232-1	4.887	4.205	13303359	9055437	399.577	385.674	
12)	L3 AR-1232-2	5.413	4.939	16867817	21901219	1032.175	929.129	
13)	L3 AR-1232-3	5.700	5.117	35628299	12543077	1036.943	968.784	
14)	L3 AR-1232-4	5.860	5.201	17912421	11818022	1005.401	1066.001	
15)	L3 AR-1232-5	5.950	5.373	15391020	14841294	1342.738	1215.471	
16)	L4 AR-1242-1	5.700	4.939	35628299	21901219	854.288	759.614	
17)	L4 AR-1242-2	5.700	4.939	35628299	21901219	603.962	555.900	
18)	L4 AR-1242-3	5.762	5.117	21564810	12543077	581.283	557.369	
19)	L4 AR-1242-4	5.860	5.201	17912421	11818022	546.199	547.581	
20)	L4 AR-1242-5	6.591	5.727	8287860	13254738	254.351	460.740	#
21)	L5 AR-1248-1	5.700	4.939	35628299	21901219	1098.315	995.032	
22)	L5 AR-1248-2	5.950	5.158	15391020	9501531	362.599	316.037	
23)	L5 AR-1248-3	6.152	5.201	15689494	11818022	333.910	381.420	
24)	L5 AR-1248-4	6.591	5.373	8287860	14841294	150.357	401.727	#
25)	L5 AR-1248-5	6.591	5.768	8287860	3620532	155.250	96.833	#
26)	L6 AR-1254-1	6.528	5.727	22835145	13254738	394.637	240.751	#
27)	L6 AR-1254-2	6.744	5.876	16008058	10265534	199.498	212.235	
28)	L6 AR-1254-3	7.107	6.296	9843350	25240315	116.782	332.564	#
29)	L6 AR-1254-4	7.390	6.509	7925979	3394221	116.237	66.229	#
30)	L6 AR-1254-5	7.805	6.927	42399314	33142822	623.096	497.936	
31)	L7 AR-1260-1	7.272	6.412	30865026	26020594	528.183	539.516	
32)	L7 AR-1260-2	7.526	6.600	38801748	33637161	498.654	548.697	
33)	L7 AR-1260-3	7.885	6.754	32104881	21439653	513.520	356.398	#
34)	L7 AR-1260-4	8.109	7.227	32076030	24827098	486.172	534.287	
35)	L7 AR-1260-5	8.429	7.467	65847835	60598421	502.940	545.219	
36)	L8 AR-1262-1	8.109	6.967	32076030	29626194	405.932	417.193	
37)	L8 AR-1262-2	8.429	7.227	65847835	24827098	430.594	407.139	
38)	L8 AR-1262-3	8.753	7.751	41993105	15793067	395.118	301.975	
39)	L8 AR-1262-4	8.830	7.815	27185290	44403597	332.367	480.369	#
40)	L8 AR-1262-5	9.490	8.317	20032418	18252479	353.866	381.913	
41)	L9 AR-1268-1	8.753	7.751	41993105	15793067	237.816	108.826	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:03
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: Feb 21 23:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.830	7.815	27185290	44403597	172.746	334.325 #
43) L9	AR-1268-3	9.071	8.023	866572	833335	6.480	7.327
44) L9	AR-1268-4	9.490	8.317	20032418	18252479	341.147	350.484
45) L9	AR-1268-5	9.909	8.622	5321104	4978832	13.970	13.978

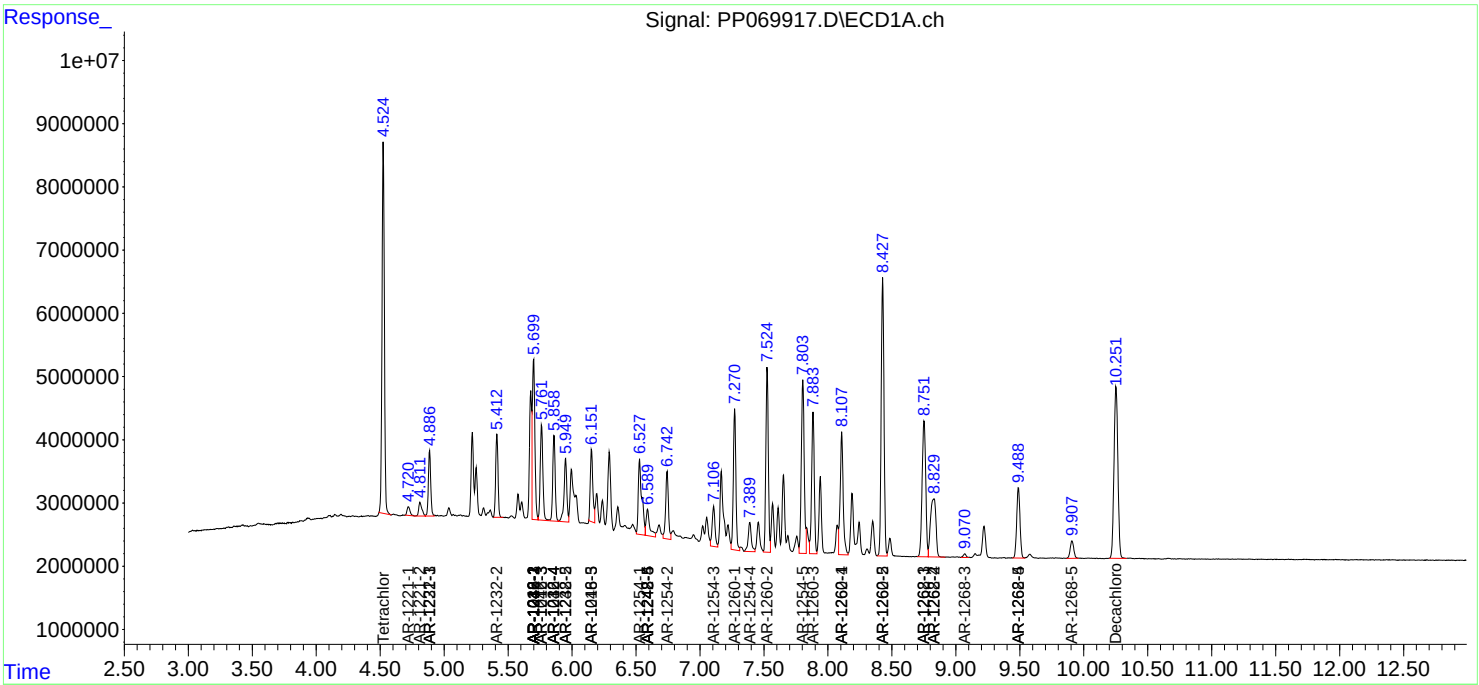
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

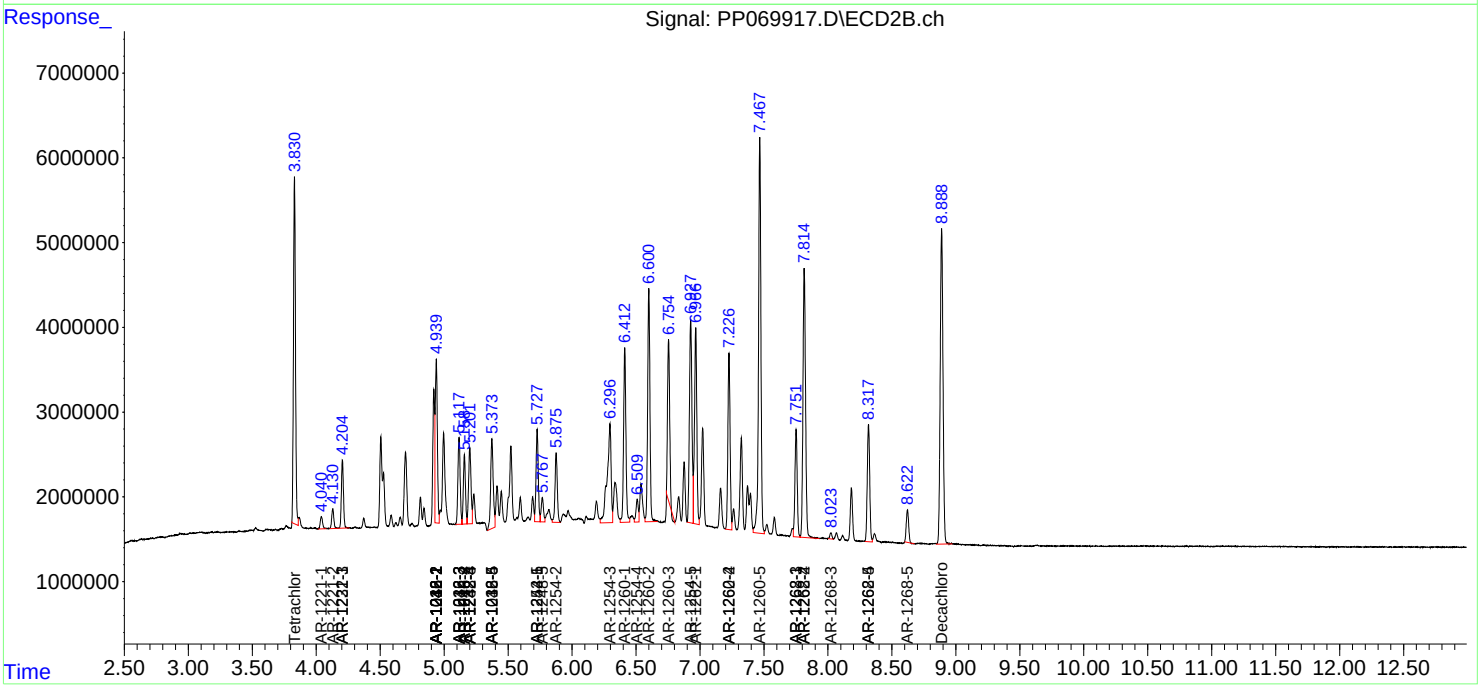
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:03
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

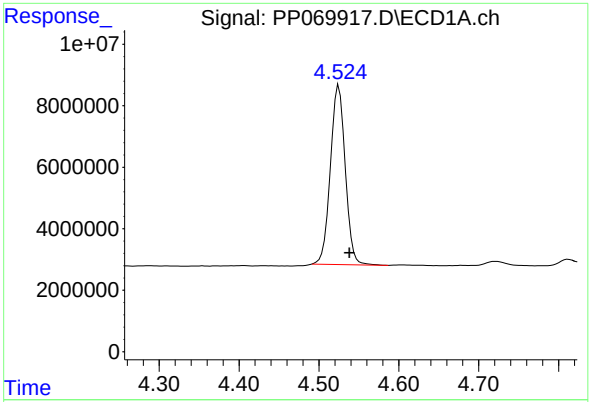
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:49:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



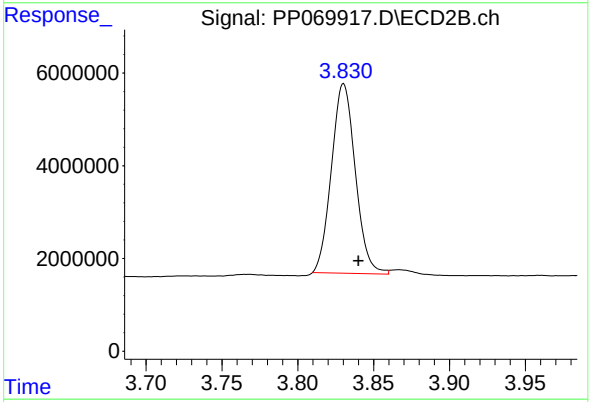




#1 Tetrachloro-m-xylene

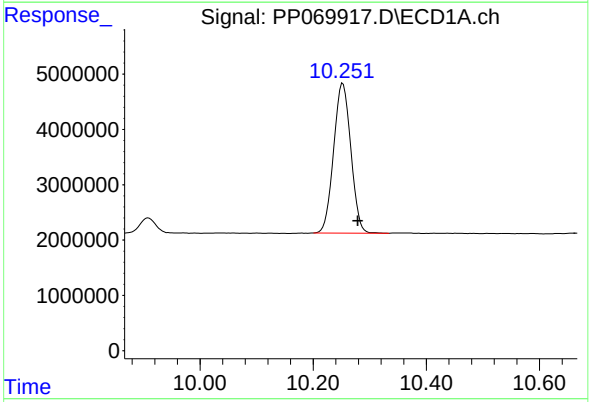
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 75284701
Conc: 52.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



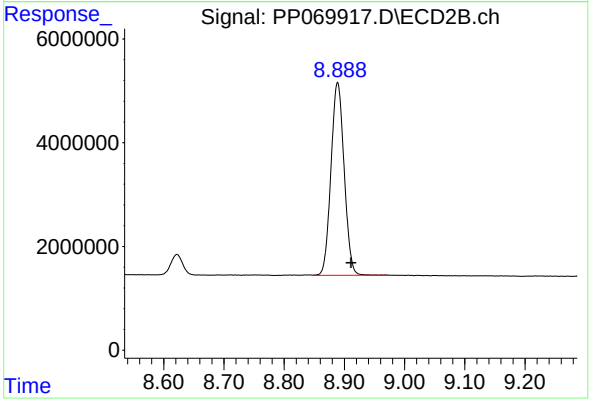
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44780623
Conc: 50.17 ng/ml



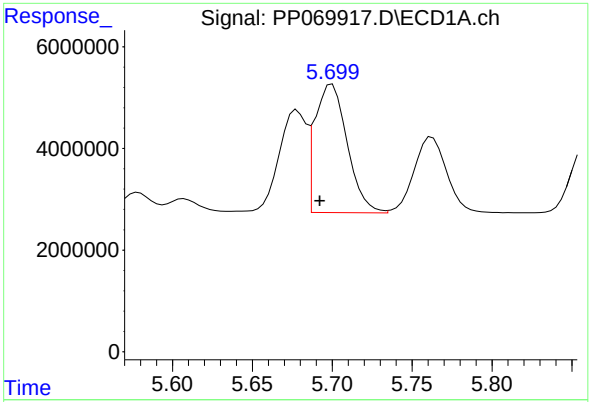
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 57225239
Conc: 52.36 ng/ml



#2 Decachlorobiphenyl

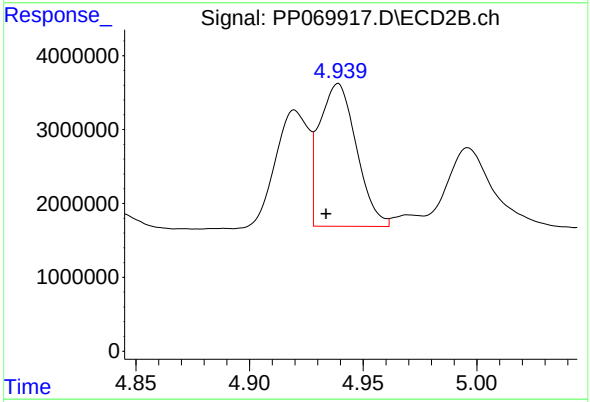
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56542283
Conc: 50.55 ng/ml



#3 AR-1016-1

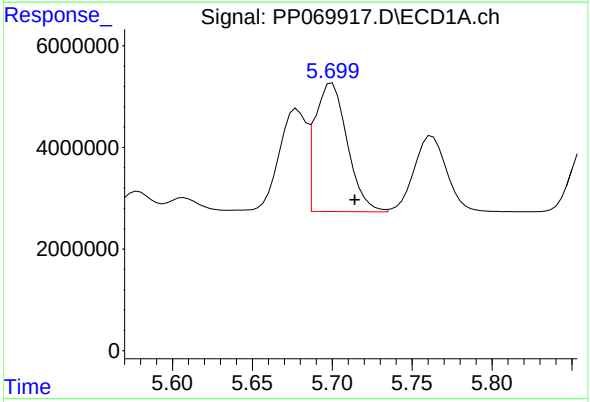
R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 35628299
Conc: 768.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



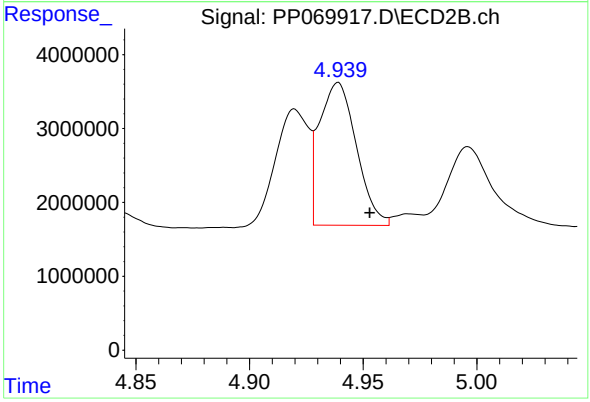
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 21901219
Conc: 671.51 ng/ml



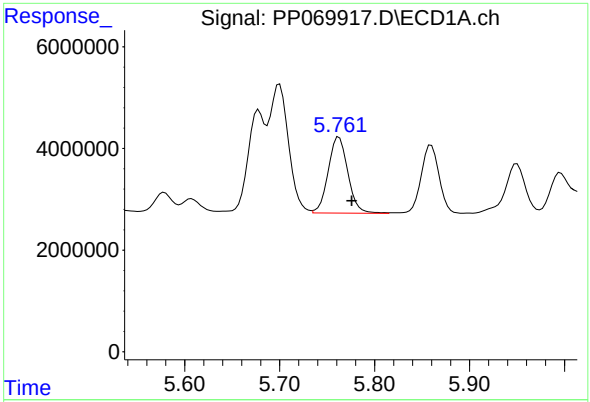
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 35628299
Conc: 524.89 ng/ml



#4 AR-1016-2

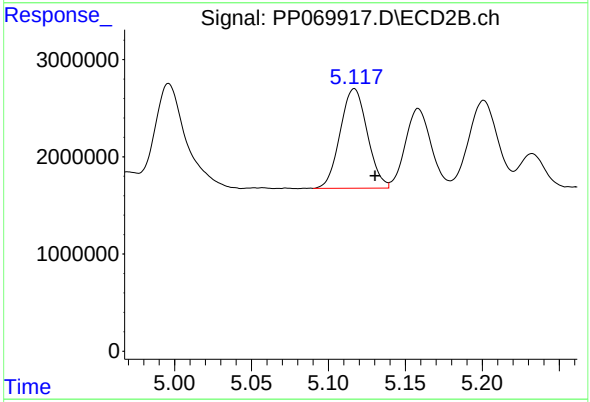
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 21901219
Conc: 487.14 ng/ml



#5 AR-1016-3

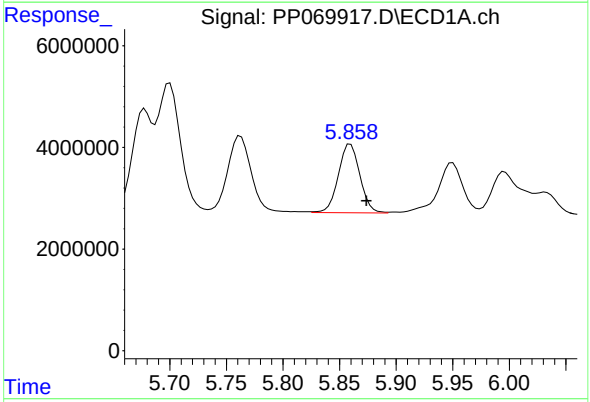
R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 21564810
Conc: 506.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



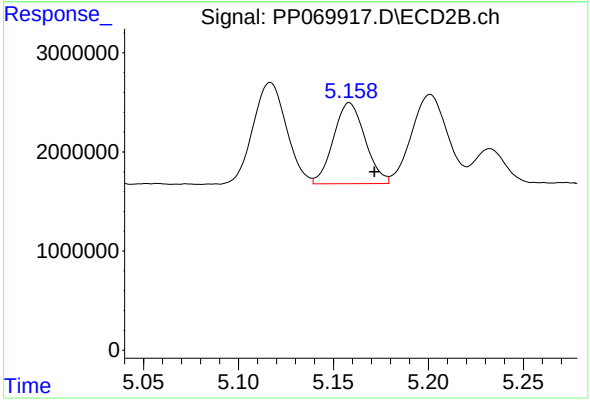
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 12543077
Conc: 504.06 ng/ml



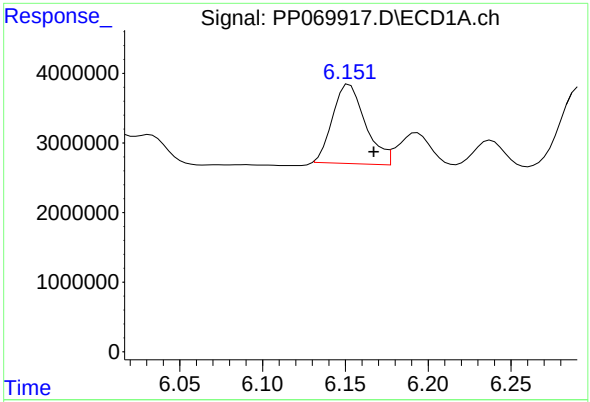
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17912421
Conc: 511.78 ng/ml



#6 AR-1016-4

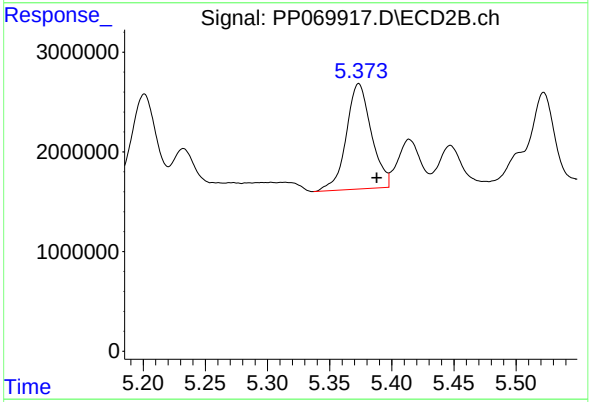
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9501531
Conc: 470.46 ng/ml



#7 AR-1016-5

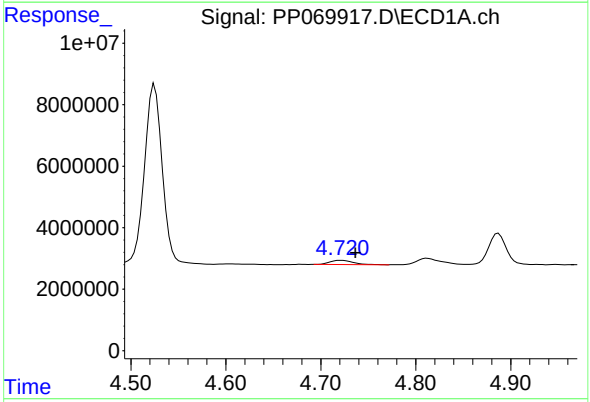
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 15689494
Conc: 474.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



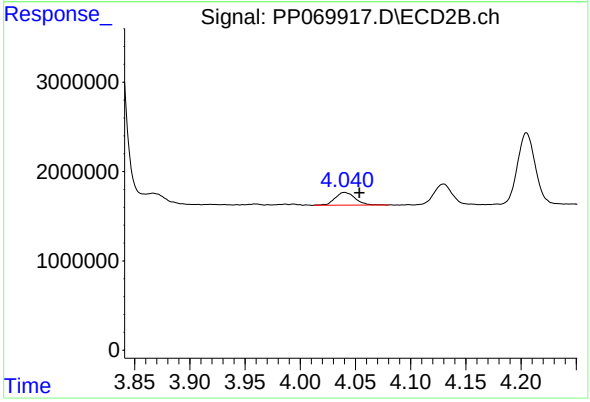
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 14841294
Conc: 553.29 ng/ml



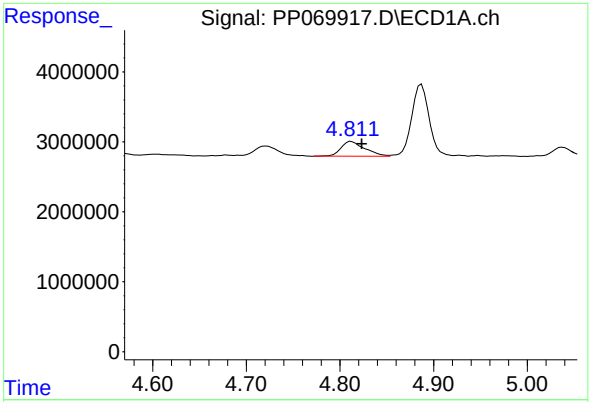
#8 AR-1221-1

R.T.: 4.721 min
Delta R.T.: -0.015 min
Response: 2246848
Conc: 118.13 ng/ml



#8 AR-1221-1

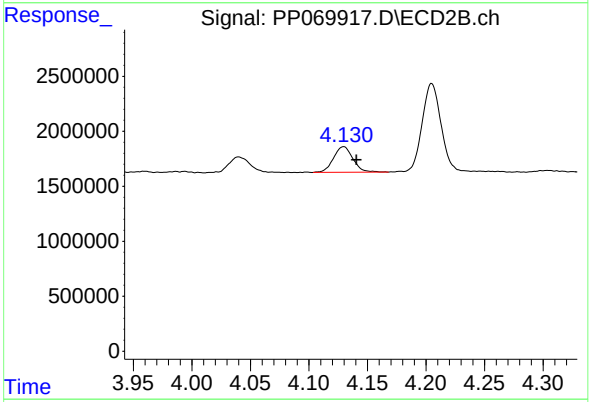
R.T.: 4.040 min
Delta R.T.: -0.014 min
Response: 1803468
Conc: 146.41 ng/ml



#9 AR-1221-2

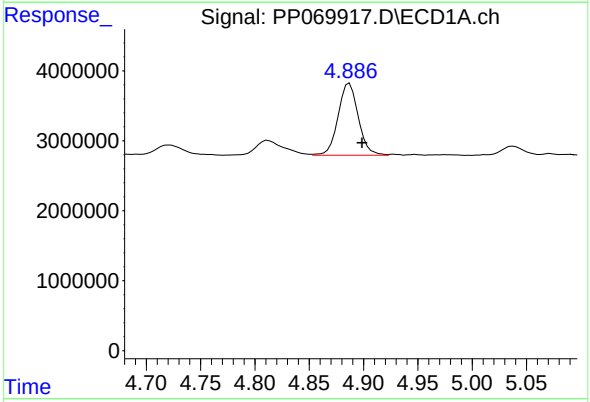
R.T.: 4.812 min
Delta R.T.: -0.011 min
Response: 3747001
Conc: 273.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



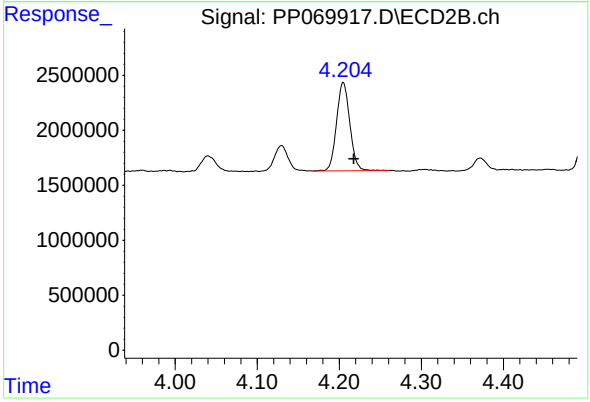
#9 AR-1221-2

R.T.: 4.130 min
Delta R.T.: -0.011 min
Response: 2703602
Conc: 279.20 ng/ml



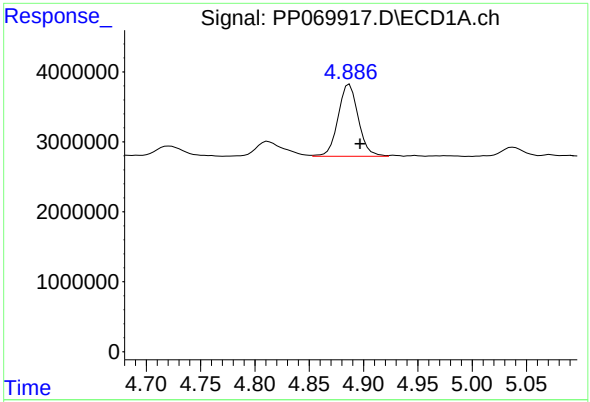
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.012 min
Response: 13303359
Conc: 317.17 ng/ml



#10 AR-1221-3

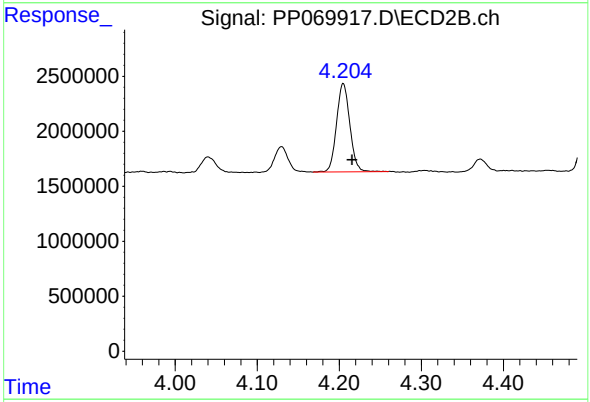
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 9055437
Conc: 310.39 ng/ml



#11 AR-1232-1

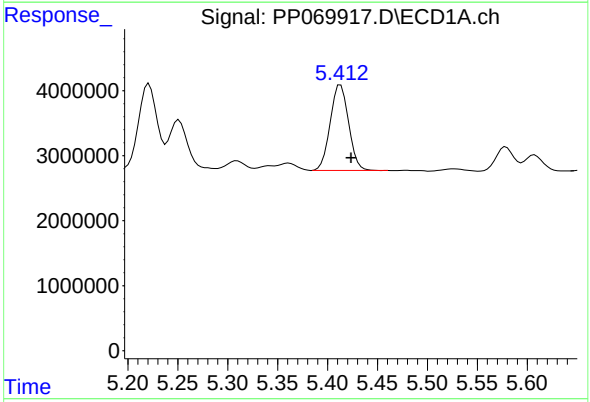
R.T.: 4.887 min
Delta R.T.: -0.010 min
Response: 13303359
Conc: 399.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



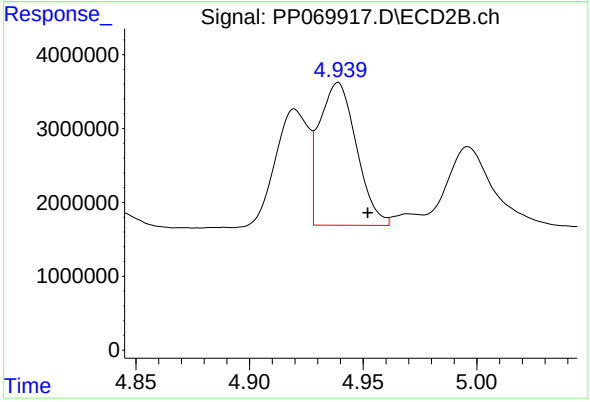
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.011 min
Response: 9055437
Conc: 385.67 ng/ml



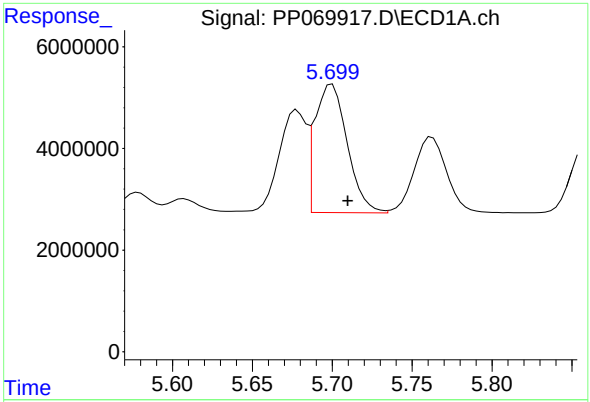
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.011 min
Response: 16867817
Conc: 1032.18 ng/ml



#12 AR-1232-2

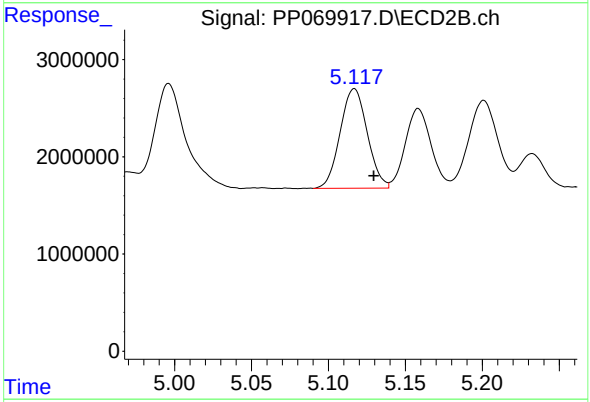
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 21901219
Conc: 929.13 ng/ml



#13 AR-1232-3

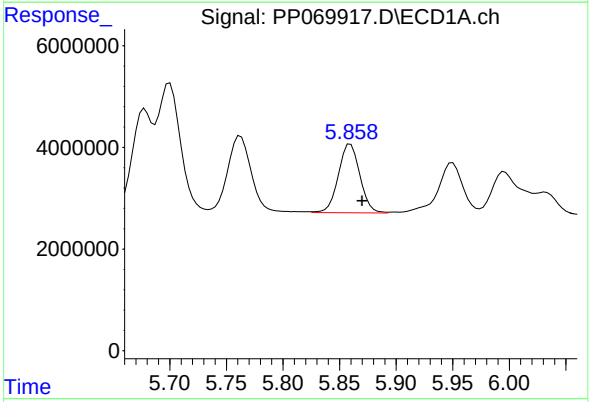
R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 35628299
Conc: 1036.94 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



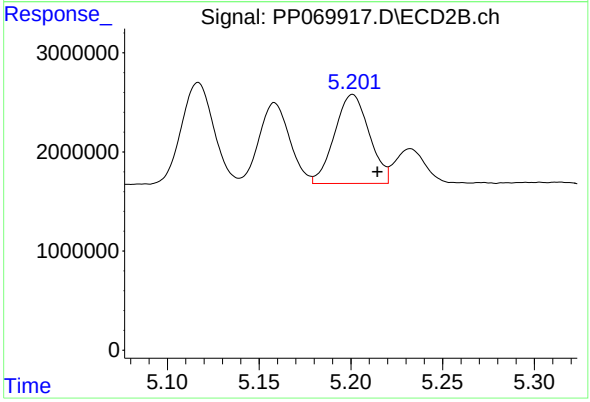
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12543077
Conc: 968.78 ng/ml



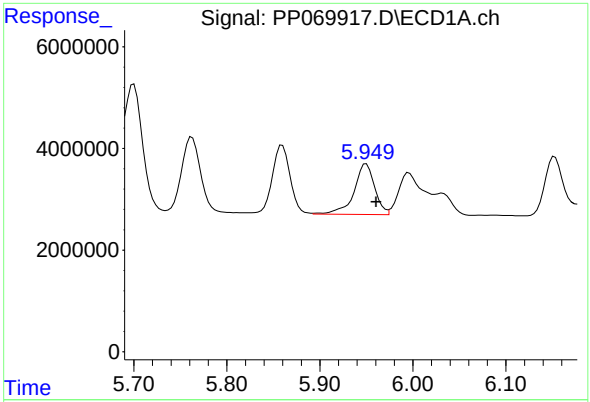
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.010 min
Response: 17912421
Conc: 1005.40 ng/ml



#14 AR-1232-4

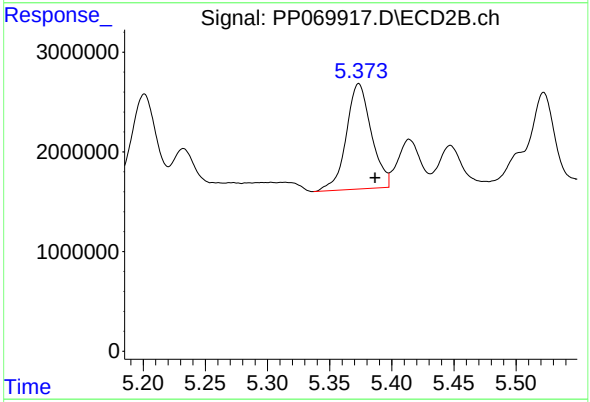
R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11818022
Conc: 1066.00 ng/ml



#15 AR-1232-5

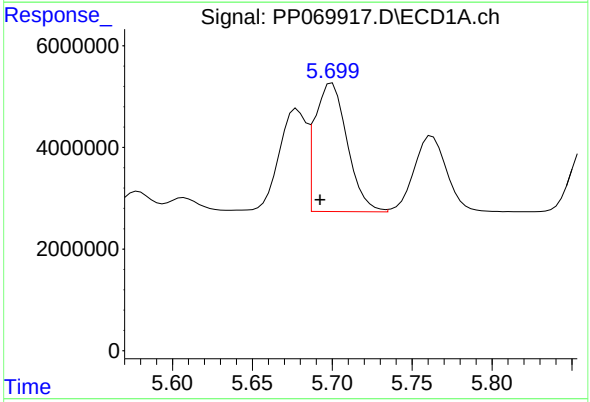
R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 15391020
Conc: 1342.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



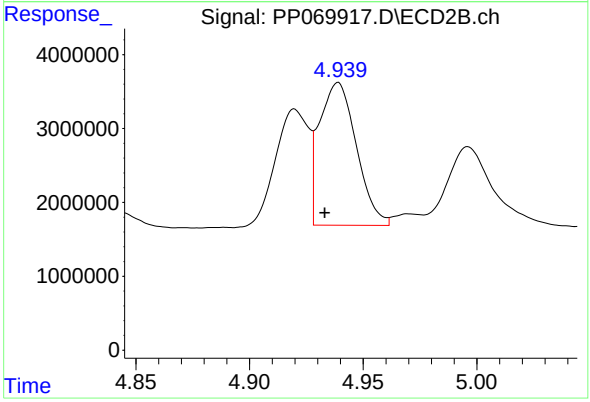
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 14841294
Conc: 1215.47 ng/ml



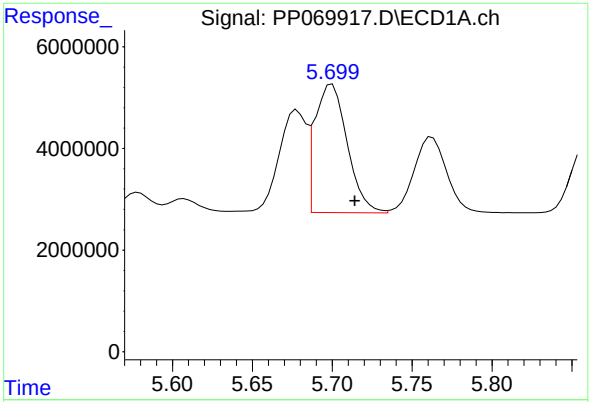
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 35628299
Conc: 854.29 ng/ml



#16 AR-1242-1

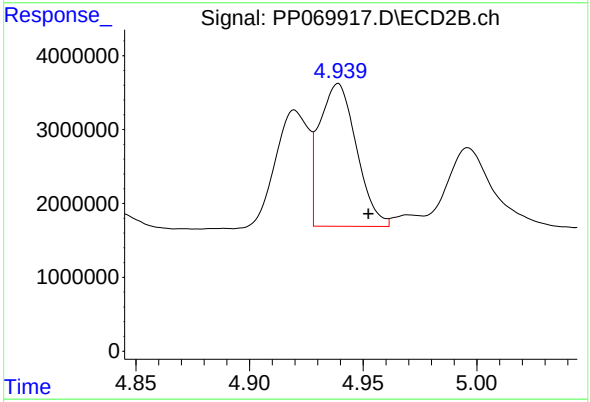
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 21901219
Conc: 759.61 ng/ml



#17 AR-1242-2

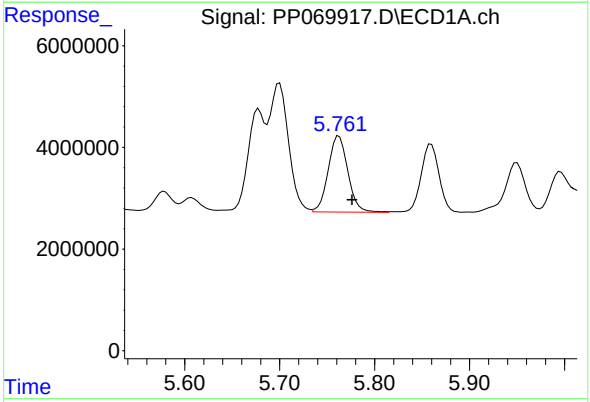
R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 35628299
Conc: 603.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



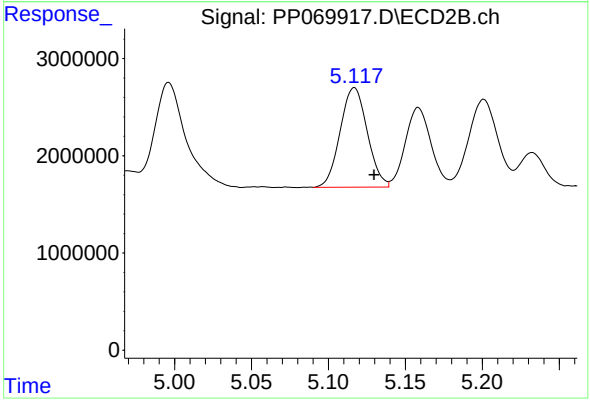
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 21901219
Conc: 555.90 ng/ml



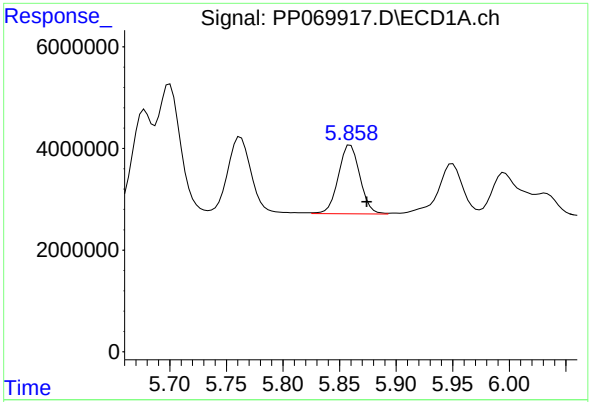
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 21564810
Conc: 581.28 ng/ml



#18 AR-1242-3

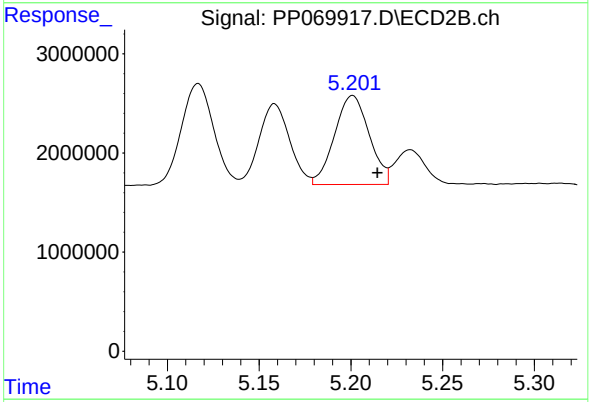
R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12543077
Conc: 557.37 ng/ml



#19 AR-1242-4

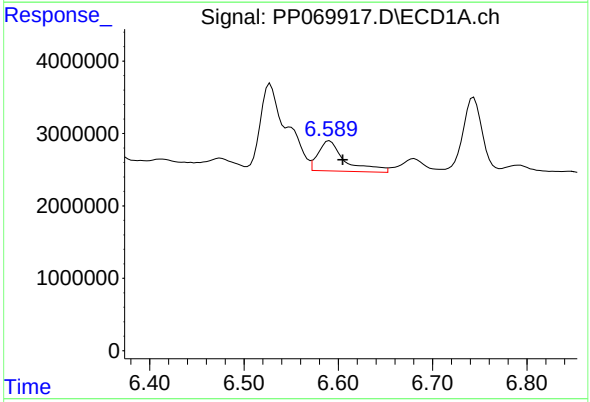
R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17912421
Conc: 546.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



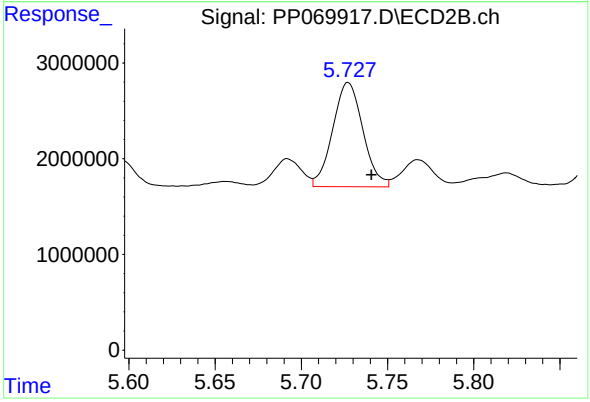
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11818022
Conc: 547.58 ng/ml



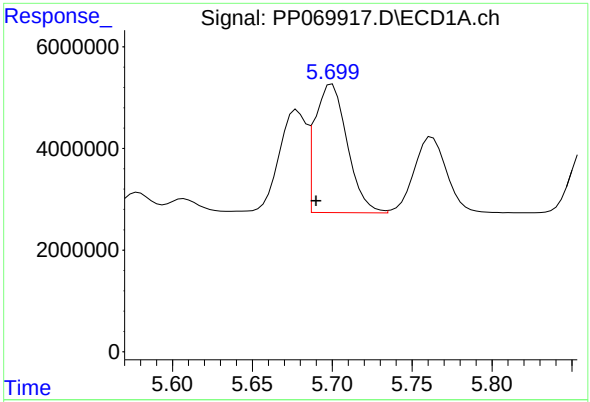
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 8287860
Conc: 254.35 ng/ml



#20 AR-1242-5

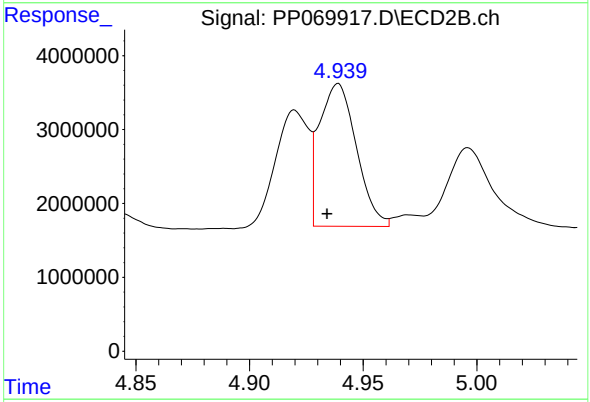
R.T.: 5.727 min
Delta R.T.: -0.013 min
Response: 13254738
Conc: 460.74 ng/ml



#21 AR-1248-1

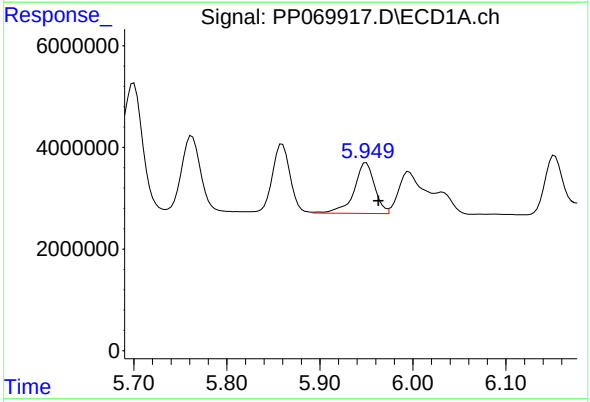
R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 35628299
Conc: 1098.31 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



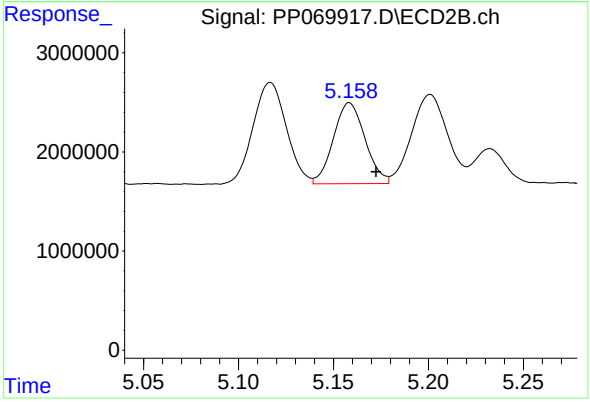
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 21901219
Conc: 995.03 ng/ml



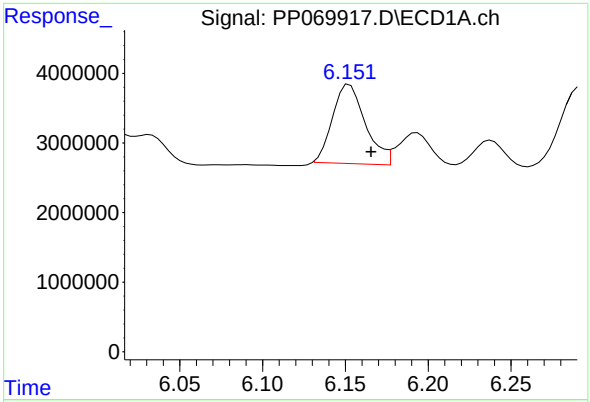
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 15391020
Conc: 362.60 ng/ml



#22 AR-1248-2

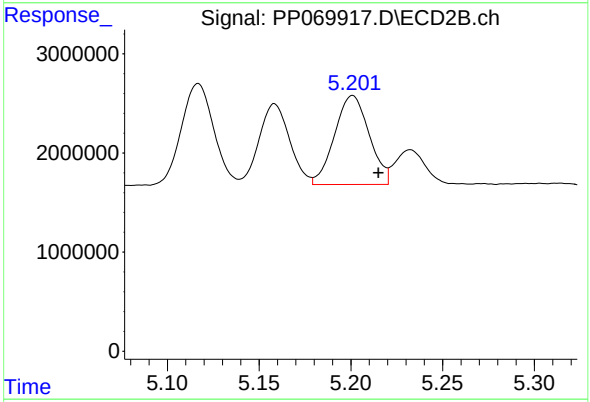
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9501531
Conc: 316.04 ng/ml



#23 AR-1248-3

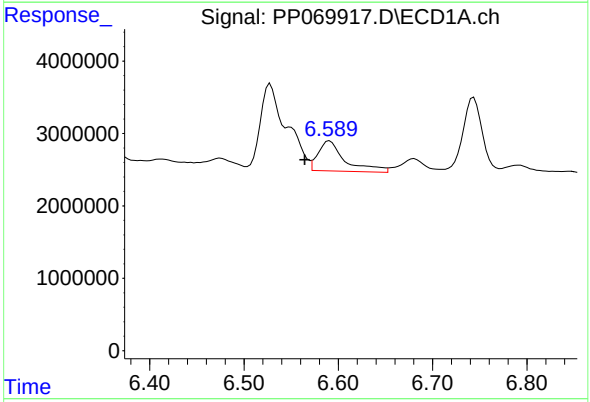
R.T.: 6.152 min
Delta R.T.: -0.013 min
Response: 15689494
Conc: 333.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



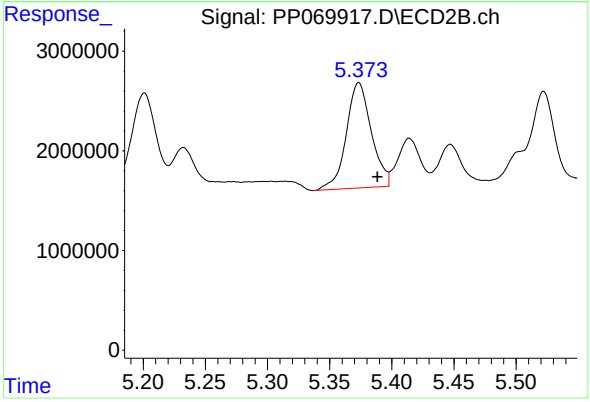
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11818022
Conc: 381.42 ng/ml



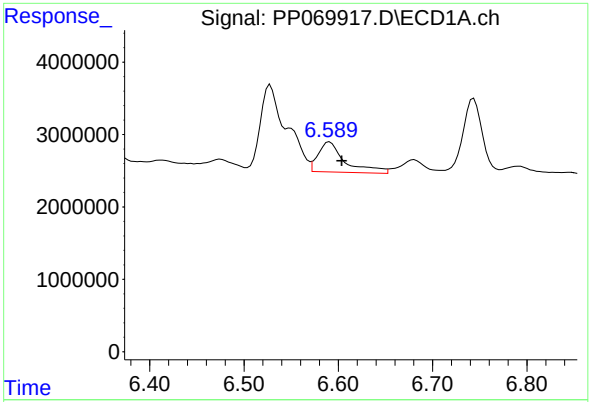
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.026 min
Response: 8287860
Conc: 150.36 ng/ml



#24 AR-1248-4

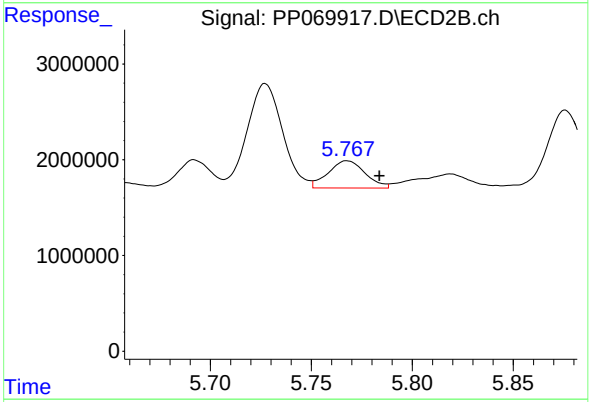
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 14841294
Conc: 401.73 ng/ml



#25 AR-1248-5

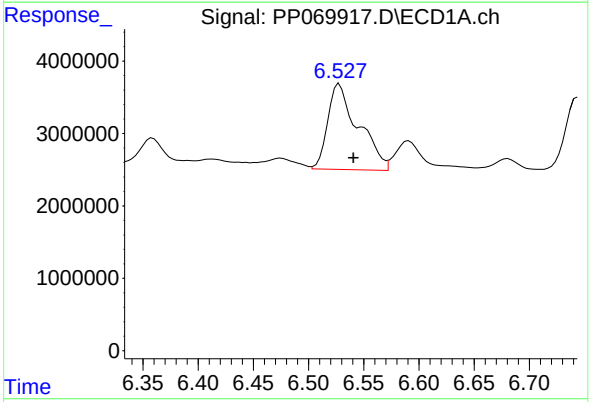
R.T.: 6.591 min
Delta R.T.: -0.013 min
Response: 8287860
Conc: 155.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



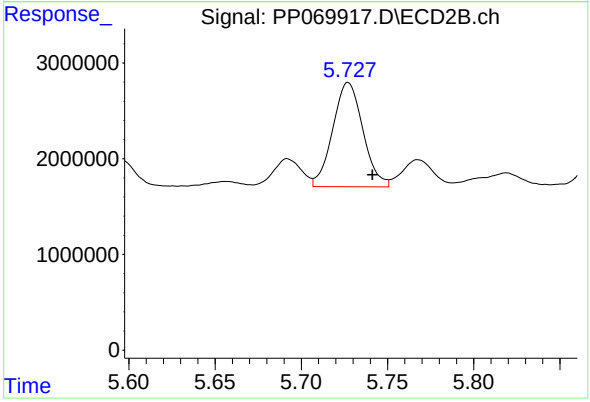
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3620532
Conc: 96.83 ng/ml



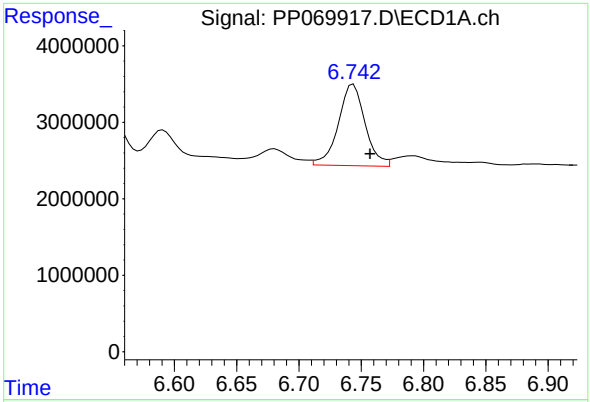
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.013 min
Response: 22835145
Conc: 394.64 ng/ml



#26 AR-1254-1

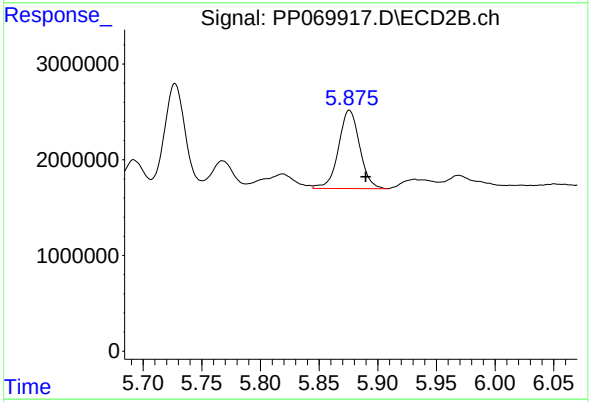
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 13254738
Conc: 240.75 ng/ml



#27 AR-1254-2

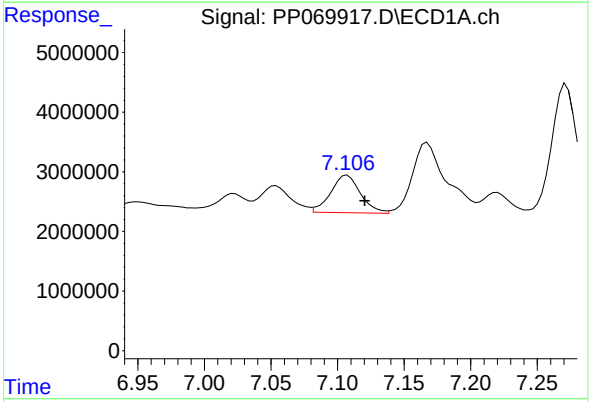
R.T.: 6.744 min
Delta R.T.: -0.014 min
Response: 16008058
Conc: 199.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



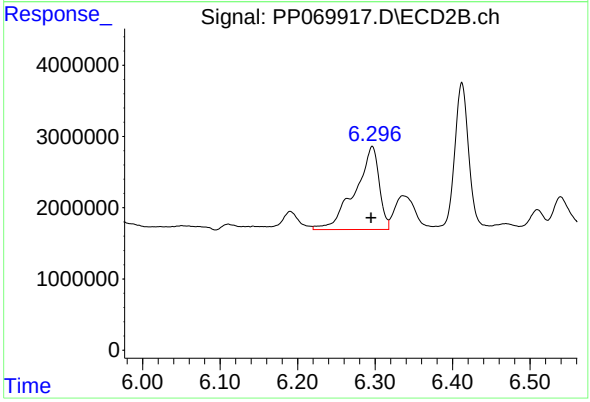
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 10265534
Conc: 212.23 ng/ml



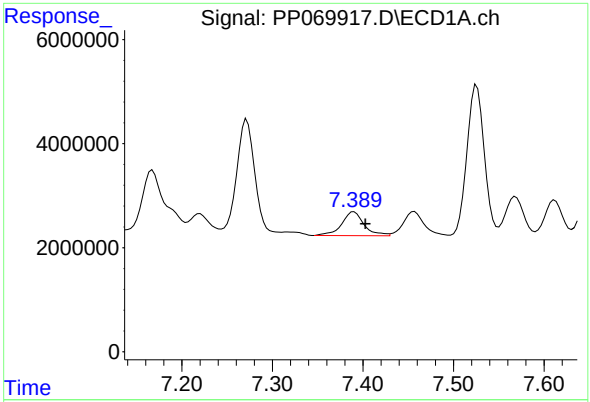
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.013 min
Response: 9843350
Conc: 116.78 ng/ml



#28 AR-1254-3

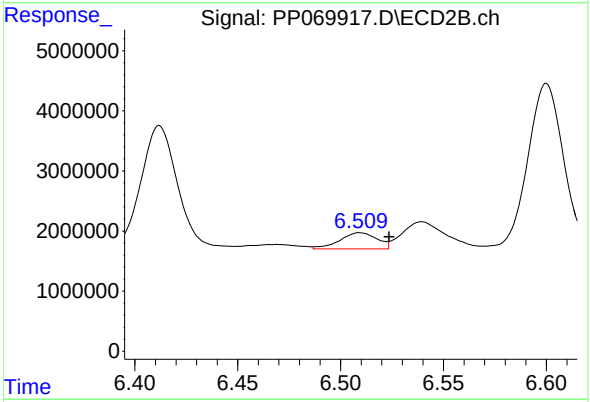
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 25240315
Conc: 332.56 ng/ml



#29 AR-1254-4

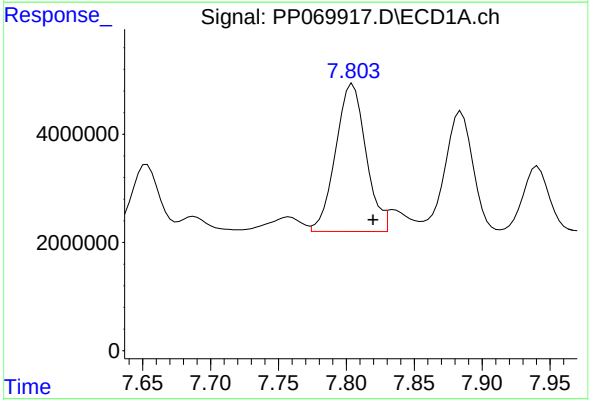
R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 7925979
Conc: 116.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



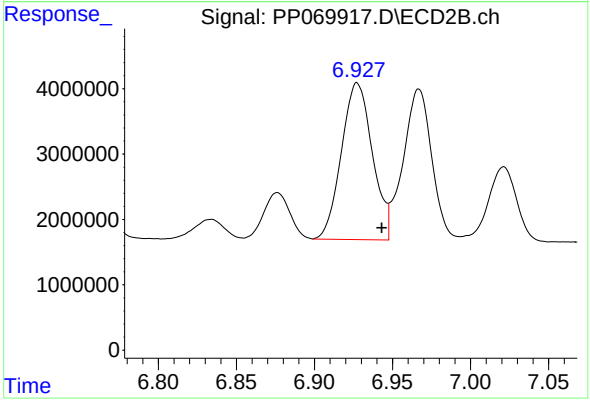
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.014 min
Response: 3394221
Conc: 66.23 ng/ml



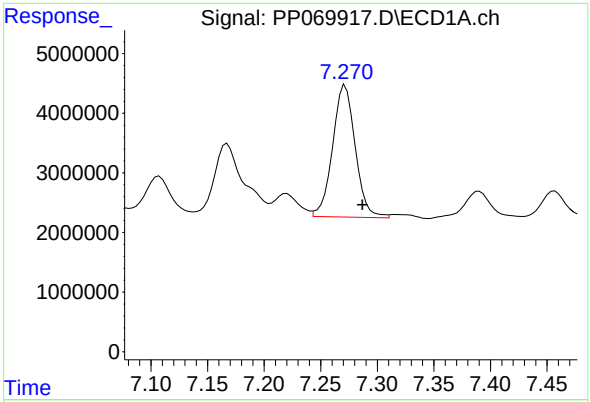
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 42399314
Conc: 623.10 ng/ml



#30 AR-1254-5

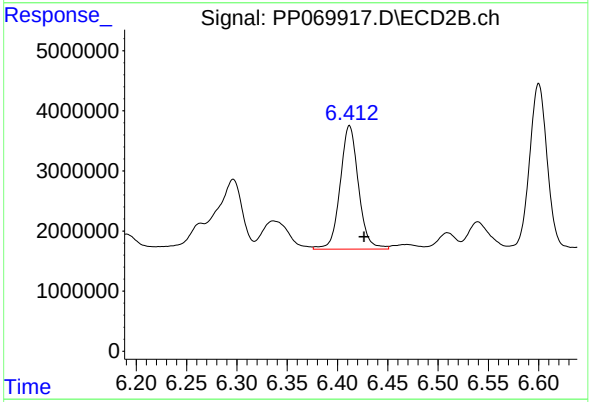
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 33142822
Conc: 497.94 ng/ml



#31 AR-1260-1

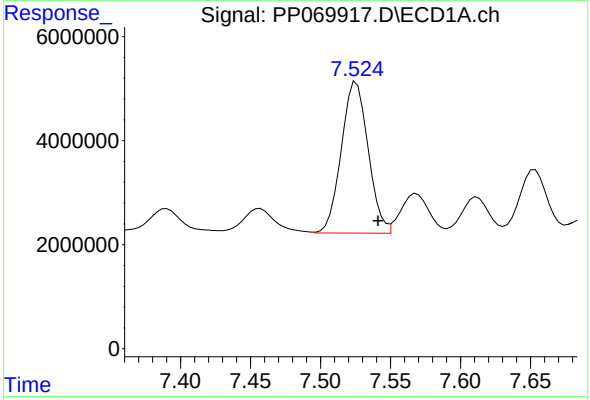
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 30865026
Conc: 528.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



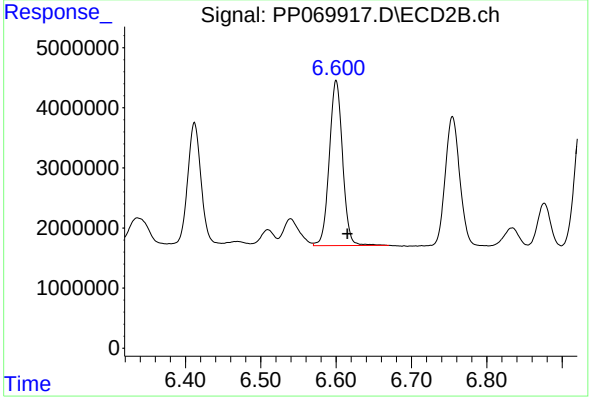
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 26020594
Conc: 539.52 ng/ml



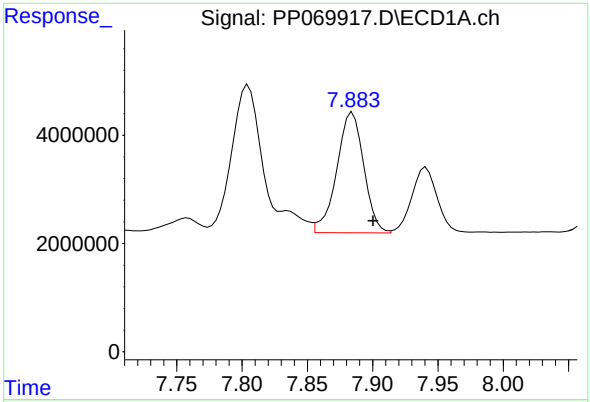
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.016 min
Response: 38801748
Conc: 498.65 ng/ml



#32 AR-1260-2

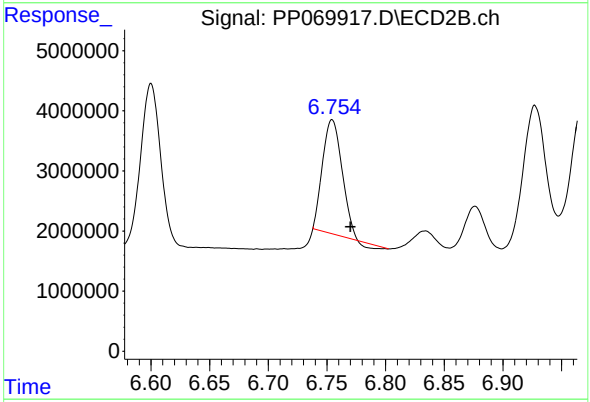
R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 33637161
Conc: 548.70 ng/ml



#33 AR-1260-3

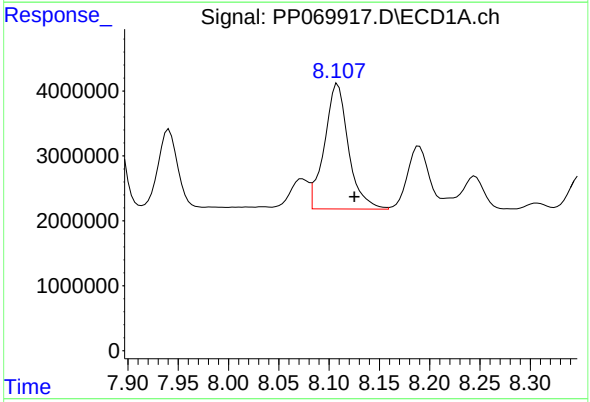
R.T.: 7.885 min
Delta R.T.: -0.016 min
Response: 32104881
Conc: 513.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



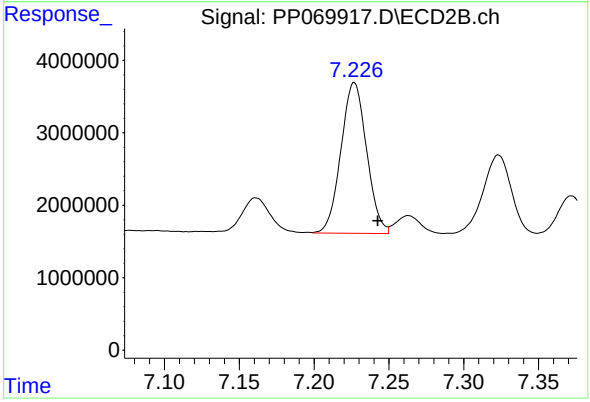
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.015 min
Response: 21439653
Conc: 356.40 ng/ml



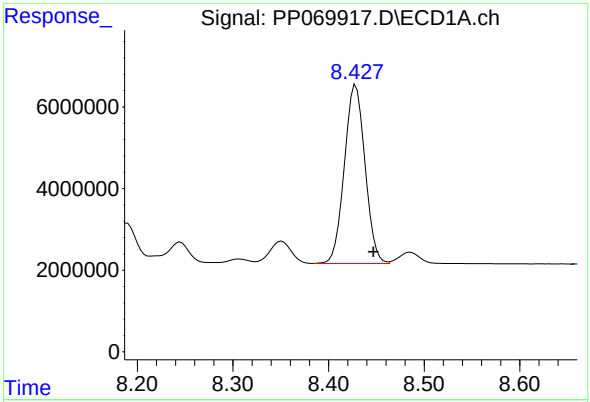
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.017 min
Response: 32076030
Conc: 486.17 ng/ml



#34 AR-1260-4

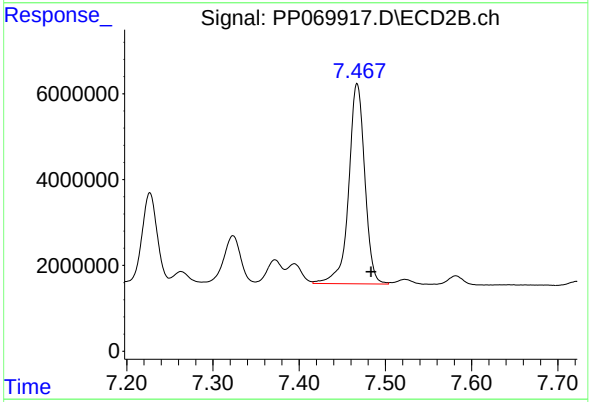
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 24827098
Conc: 534.29 ng/ml



#35 AR-1260-5

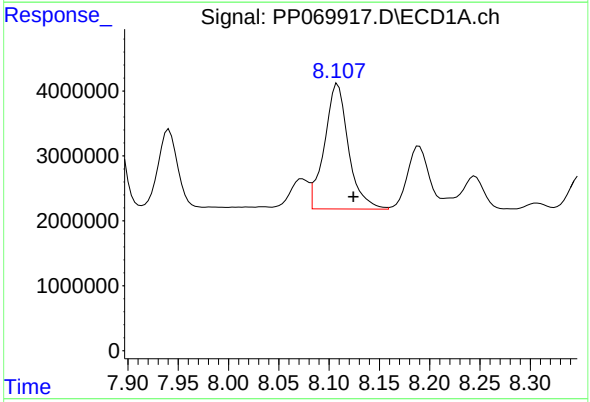
R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 65847835
Conc: 502.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



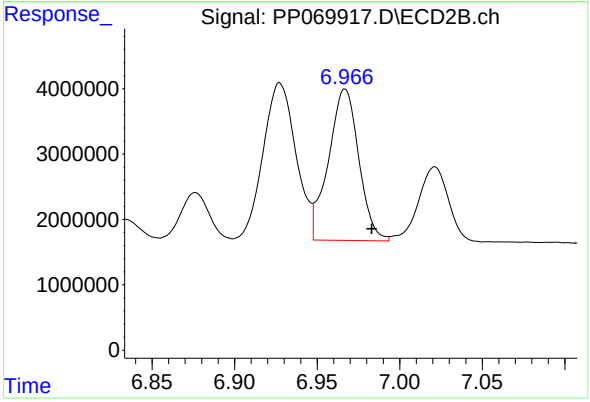
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.016 min
Response: 60598421
Conc: 545.22 ng/ml



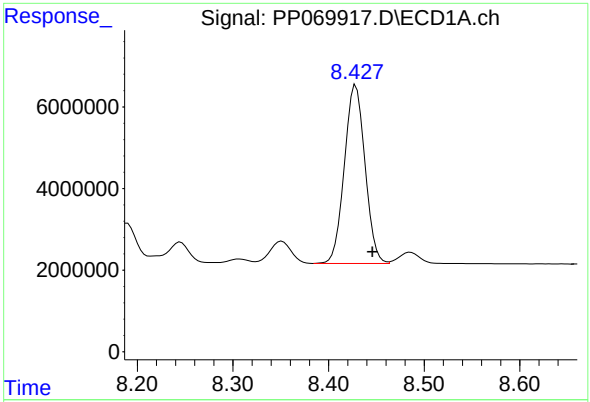
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 32076030
Conc: 405.93 ng/ml



#36 AR-1262-1

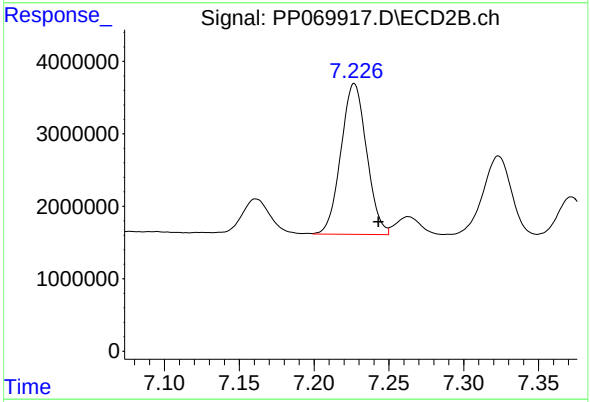
R.T.: 6.967 min
Delta R.T.: -0.016 min
Response: 29626194
Conc: 417.19 ng/ml



#37 AR-1262-2

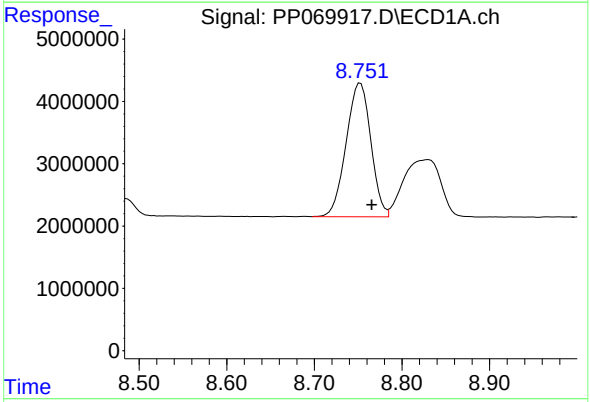
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 65847835
Conc: 430.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



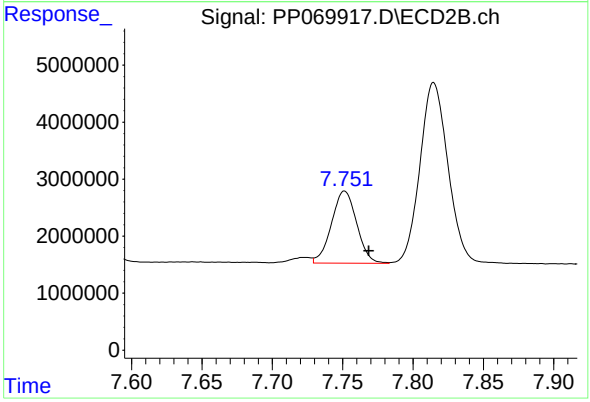
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 24827098
Conc: 407.14 ng/ml



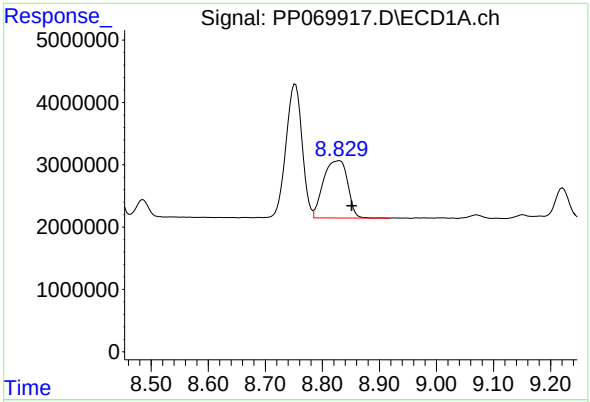
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.013 min
Response: 41993105
Conc: 395.12 ng/ml



#38 AR-1262-3

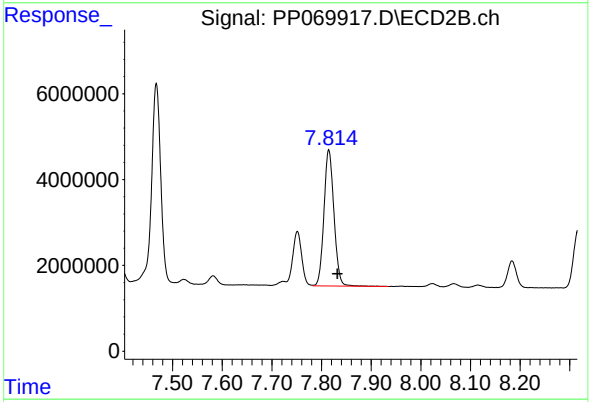
R.T.: 7.751 min
Delta R.T.: -0.017 min
Response: 15793067
Conc: 301.98 ng/ml



#39 AR-1262-4

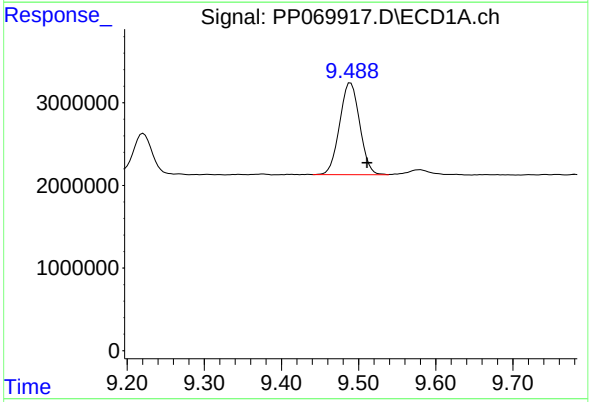
R.T.: 8.830 min
Delta R.T.: -0.021 min
Response: 27185290
Conc: 332.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



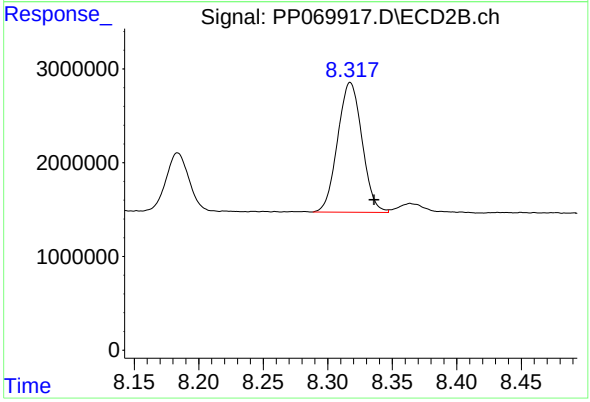
#39 AR-1262-4

R.T.: 7.815 min
Delta R.T.: -0.017 min
Response: 44403597
Conc: 480.37 ng/ml



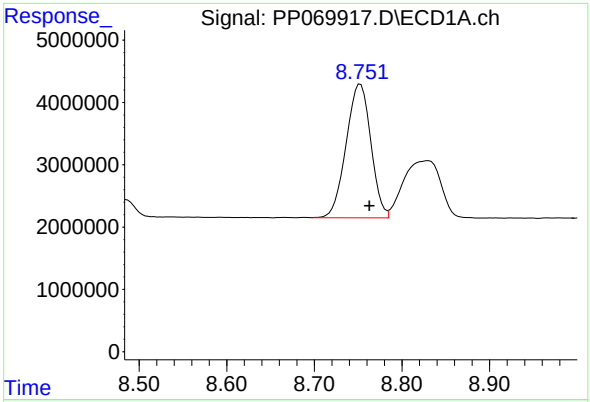
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 20032418
Conc: 353.87 ng/ml



#40 AR-1262-5

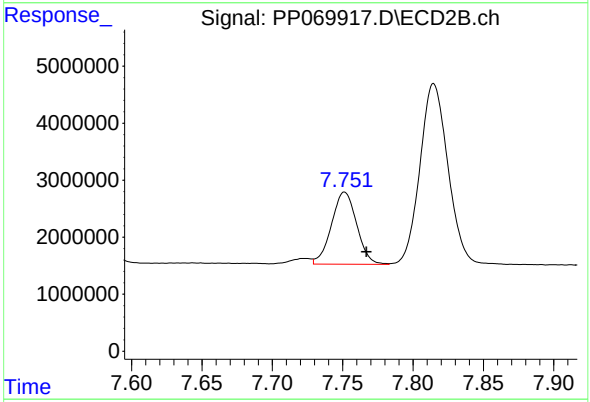
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 18252479
Conc: 381.91 ng/ml



#41 AR-1268-1

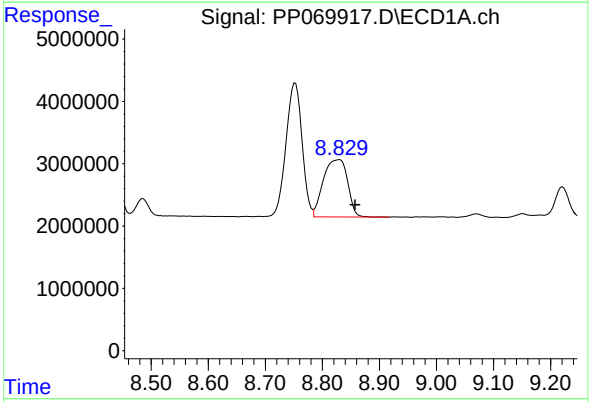
R.T.: 8.753 min
Delta R.T.: -0.010 min
Response: 41993105
Conc: 237.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



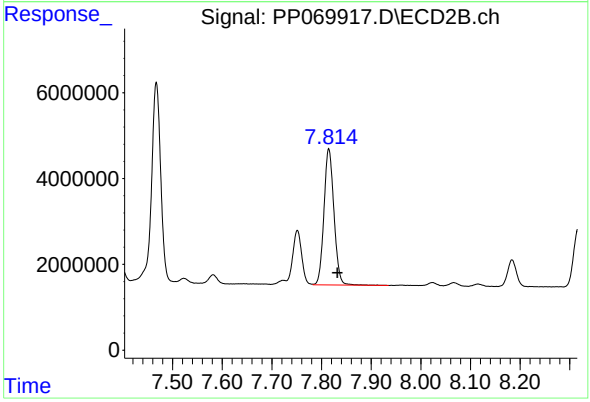
#41 AR-1268-1

R.T.: 7.751 min
Delta R.T.: -0.016 min
Response: 15793067
Conc: 108.83 ng/ml



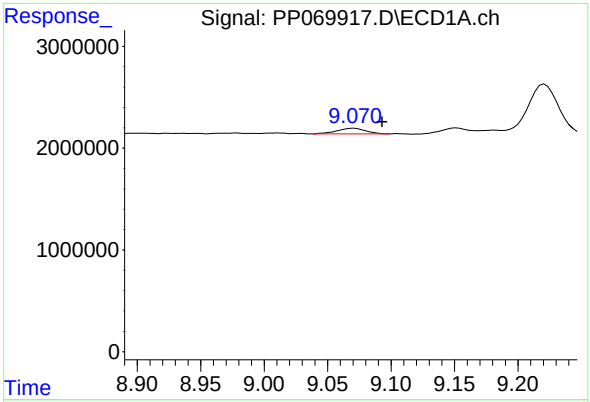
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.027 min
Response: 27185290
Conc: 172.75 ng/ml



#42 AR-1268-2

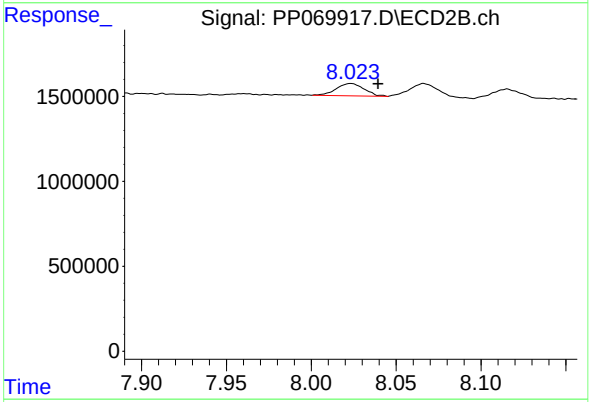
R.T.: 7.815 min
Delta R.T.: -0.017 min
Response: 44403597
Conc: 334.33 ng/ml



#43 AR-1268-3

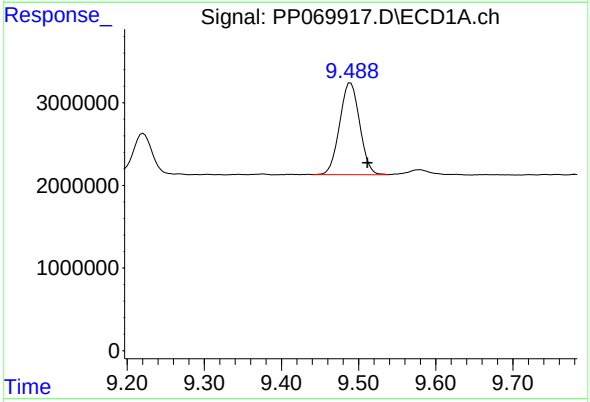
R.T.: 9.071 min
Delta R.T.: -0.022 min
Response: 866572
Conc: 6.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



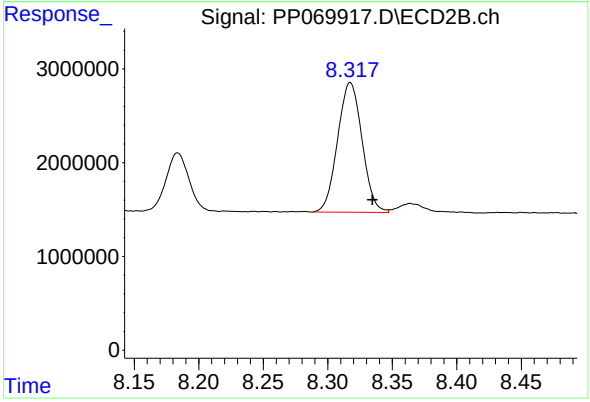
#43 AR-1268-3

R.T.: 8.023 min
Delta R.T.: -0.016 min
Response: 833335
Conc: 7.33 ng/ml



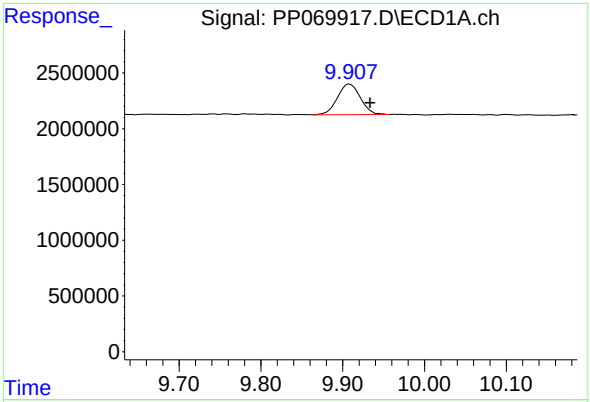
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 20032418
Conc: 341.15 ng/ml



#44 AR-1268-4

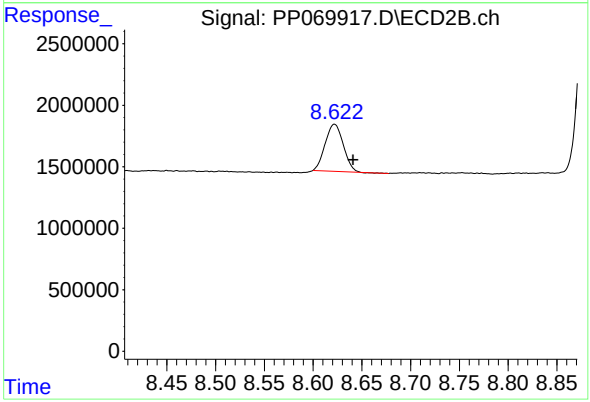
R.T.: 8.317 min
Delta R.T.: -0.017 min
Response: 18252479
Conc: 350.48 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: -0.025 min
Response: 5321104
Conc: 13.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 4978832
Conc: 13.98 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:52
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:50:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.830	78359993	44776322	54.741	50.167	
2)	SA Decachlor...	10.256	8.888	57108513	53476421	52.254	47.812	
	Target Compounds							
3)	L1 AR-1016-1	5.704	4.937	1007776	539279	21.751	16.535	
4)	L1 AR-1016-2	5.704	4.937	1007776	539279	14.847	11.995	
5)	L1 AR-1016-3	0.000	5.116	0	235679	N.D.	9.471	#
6)	L1 AR-1016-4	0.000	5.157	0	11206975	N.D.	554.903	#
7)	L1 AR-1016-5	6.154	5.373	8326143	6964245	251.861	259.628	
8)	L2 AR-1221-1	0.000	4.017f	0	51957	N.D.	4.218	#
9)	L2 AR-1221-2	4.828	4.132	1149269	917107	83.934	94.709	
10)	L2 AR-1221-3	0.000	4.205	0	278040	N.D.	9.530	#
11)	L3 AR-1232-1	4.828f	4.205	1149269	278040	34.519	11.842	#
12)	L3 AR-1232-2	0.000	4.937	0	539279	N.D.	22.878	#
13)	L3 AR-1232-3	5.704	5.116	1007776	235679	29.331	18.203	#
14)	L3 AR-1232-4	0.000	5.200	0	3437629	N.D.	310.079	#
15)	L3 AR-1232-5	5.951	5.373	14776527	6964245	1289.128	570.357	#
16)	L4 AR-1242-1	5.704	4.937	1007776	539279	24.164	18.704	
17)	L4 AR-1242-2	5.704	4.937	1007776	539279	17.084	13.688	
18)	L4 AR-1242-3	0.000	5.116	0	235679	N.D.	10.473	#
19)	L4 AR-1242-4	0.000	5.200	0	3437629	N.D.	159.280	#
20)	L4 AR-1242-5	6.595	5.726	9206387	26816755	282.540	932.161	#
21)	L5 AR-1248-1	5.678	4.937	863620	539279	26.623	24.501	
22)	L5 AR-1248-2	5.951	5.157	14776527	11206975	348.122	372.763	
23)	L5 AR-1248-3	6.154	5.200	8326143	3437629	177.200	110.947	#
24)	L5 AR-1248-4	6.552	5.373	13146038	6964245	238.493	188.510	
25)	L5 AR-1248-5	6.595	5.767	9206387	3636810	172.457	97.268	#
26)	L6 AR-1254-1	6.530	5.726	28871304	26816755	498.954	487.083	
27)	L6 AR-1254-2	6.746	5.875	42488153	23814541	529.501	492.353	
28)	L6 AR-1254-3	7.109	6.280	42989779	37924622	510.032	499.691	
29)	L6 AR-1254-4	7.391	6.509	35196918	27529604	516.176	537.166	
30)	L6 AR-1254-5	7.808	6.928	34669202	34264507	509.495	514.788	
31)	L7 AR-1260-1	7.274	6.412	17474239	19780315	299.031	410.129	#
32)	L7 AR-1260-2	7.527	6.599	21130610	17418450	271.557	284.134	
33)	L7 AR-1260-3	7.869	6.753	4459441	10674608	71.329	177.447	#
34)	L7 AR-1260-4	8.095	7.226	13756916	1865036	208.512	40.136	#
35)	L7 AR-1260-5	8.430	7.497	5286473	1428787	40.378	12.855	#
36)	L8 AR-1262-1	8.095	6.997	13756916	3871055	174.098	54.512	#
37)	L8 AR-1262-2	8.430	7.226	5286473	1865036	34.569	30.585	
38)	L8 AR-1262-3	8.759	7.752	3932042	262411	36.997	5.017	#
39)	L8 AR-1262-4	8.807f	7.811	572691	4584493	7.002	49.596	#
40)	L8 AR-1262-5	0.000	8.317	0	234208	N.D.	4.901	#
41)	L9 AR-1268-1	8.759	7.752	3932042	262411	22.268	1.808	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:52
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:50:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.807f	7.811	572691	4584493	3.639	34.518 #
43) L9	AR-1268-3	0.000	8.025	0	188879	N.D.	1.661 #
44) L9	AR-1268-4	0.000	8.317	0	234208	N.D.	4.497 #
45) L9	AR-1268-5	0.000	8.623	0	295792	N.D.	0.830 #

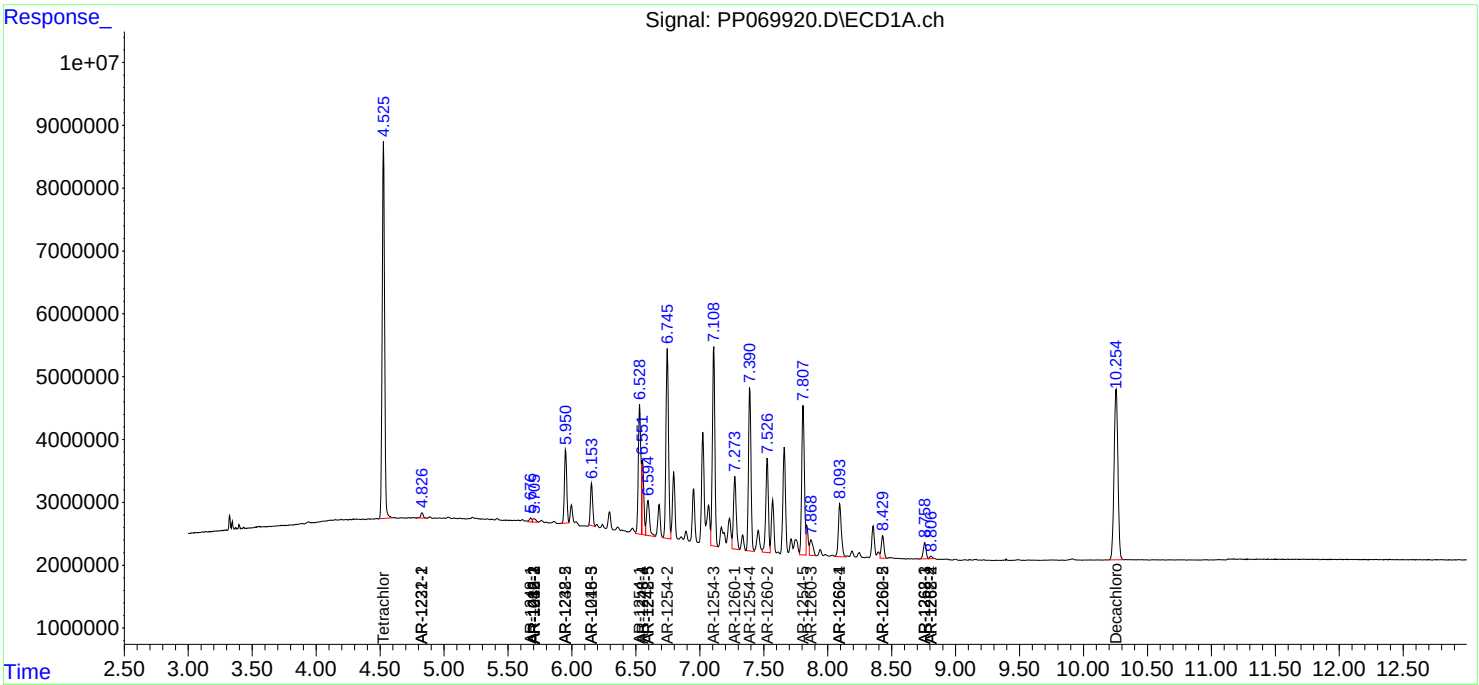
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

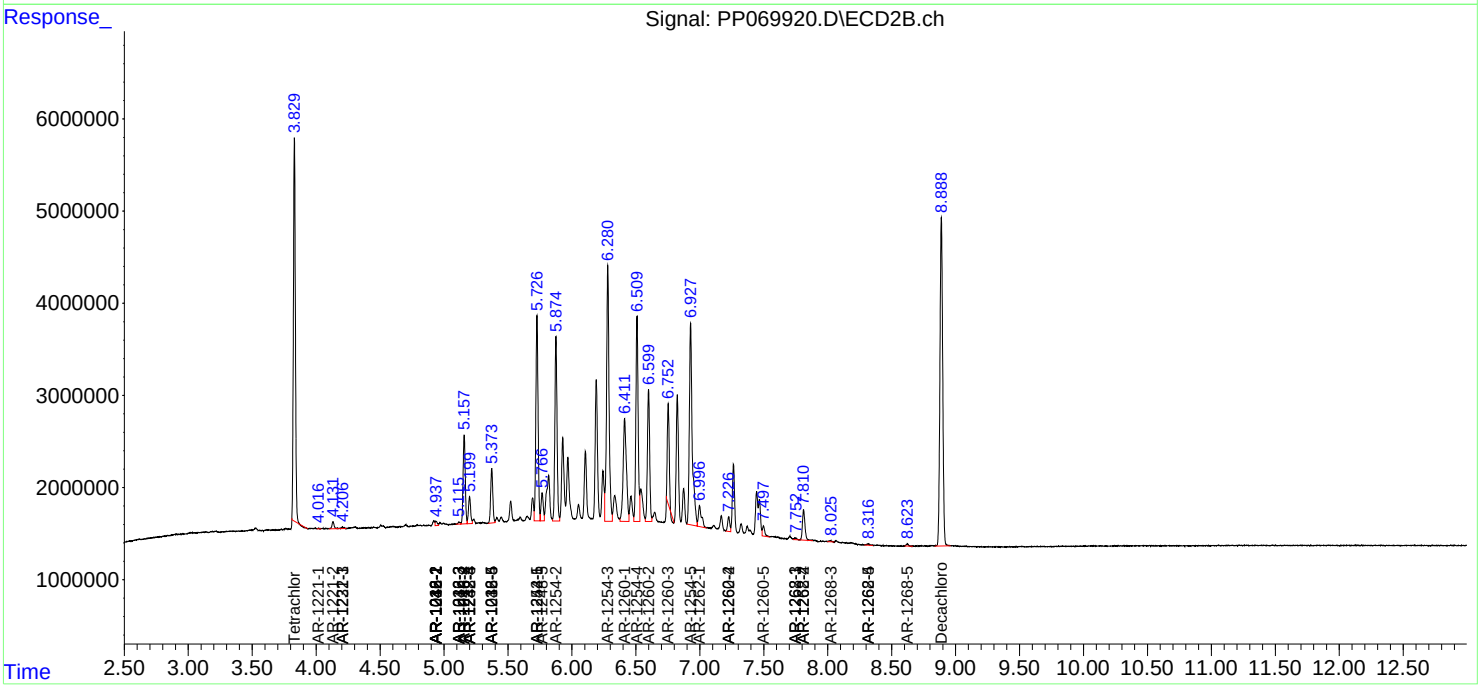
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 17:52
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

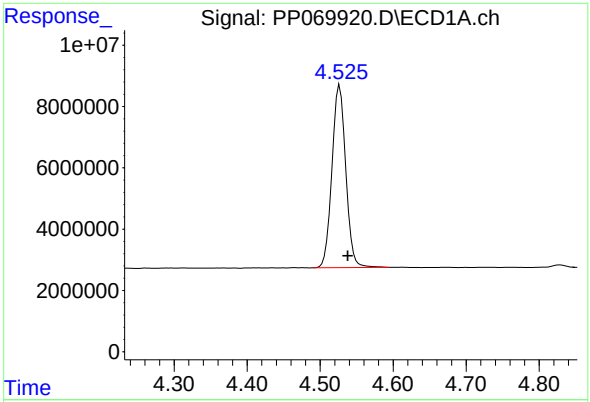
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:50:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



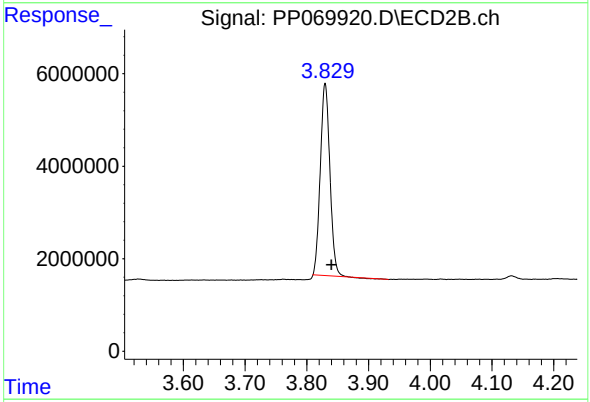




#1 Tetrachloro-m-xylene

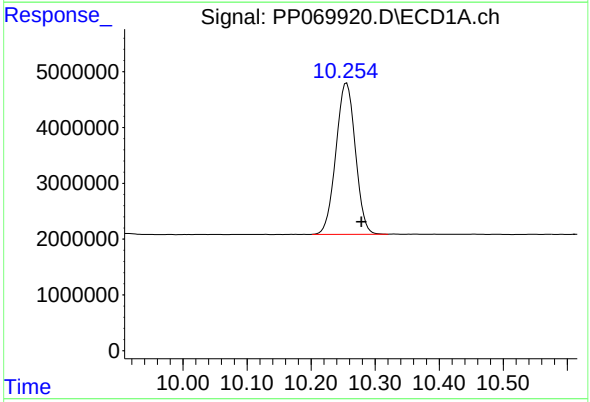
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 78359993
Conc: 54.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



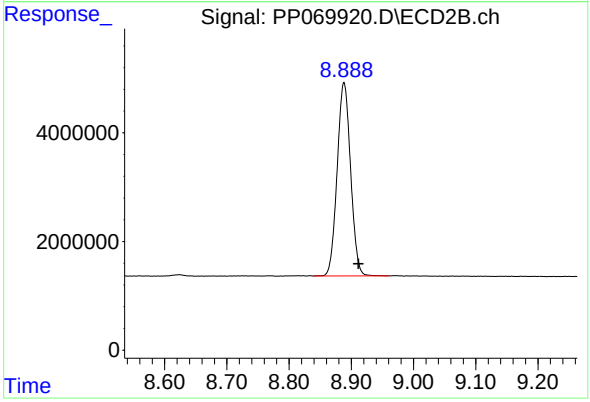
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44776322
Conc: 50.17 ng/ml



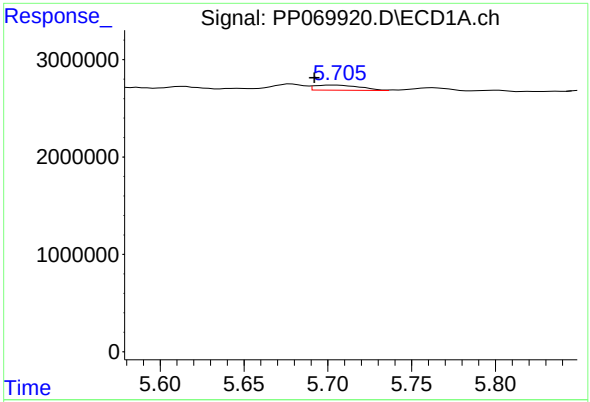
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 57108513
Conc: 52.25 ng/ml



#2 Decachlorobiphenyl

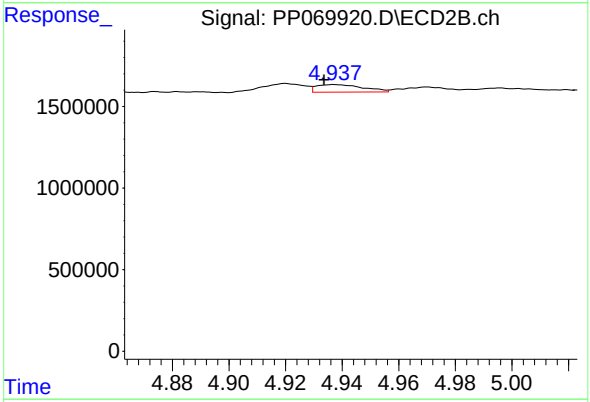
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 53476421
Conc: 47.81 ng/ml



#3 AR-1016-1

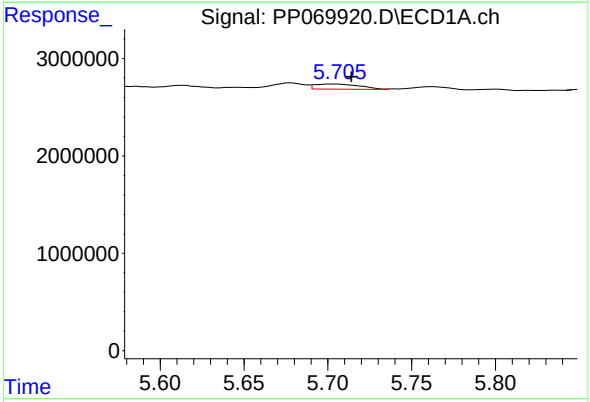
R.T.: 5.704 min
Delta R.T.: 0.012 min
Response: 1007776
Conc: 21.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



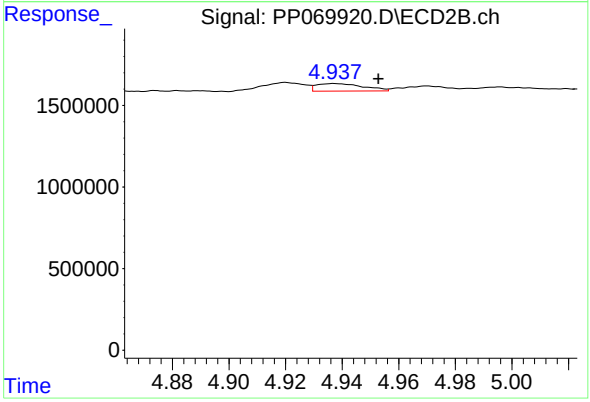
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 539279
Conc: 16.53 ng/ml



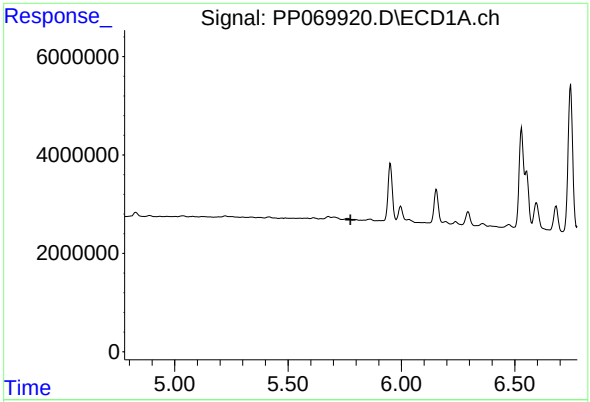
#4 AR-1016-2

R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 1007776
Conc: 14.85 ng/ml



#4 AR-1016-2

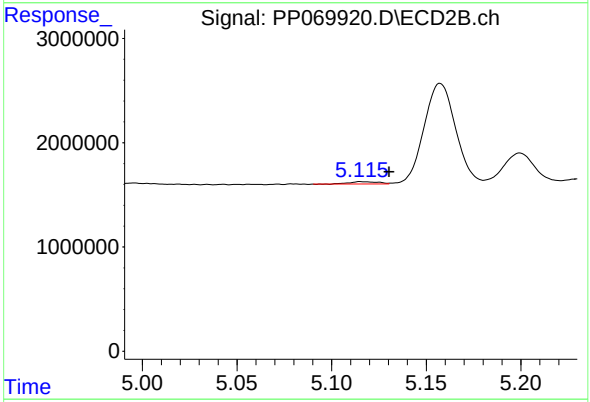
R.T.: 4.937 min
Delta R.T.: -0.016 min
Response: 539279
Conc: 12.00 ng/ml



#5 AR-1016-3

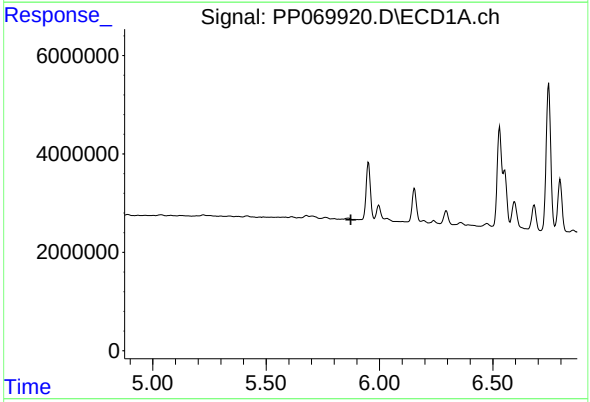
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



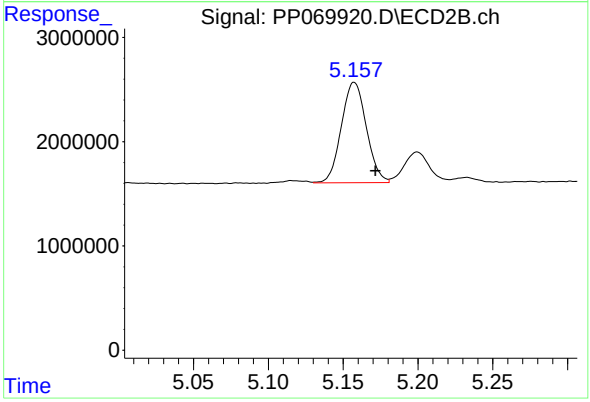
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.015 min
Response: 235679
Conc: 9.47 ng/ml



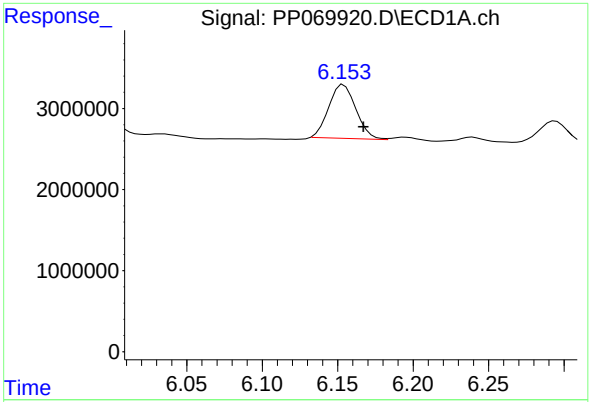
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

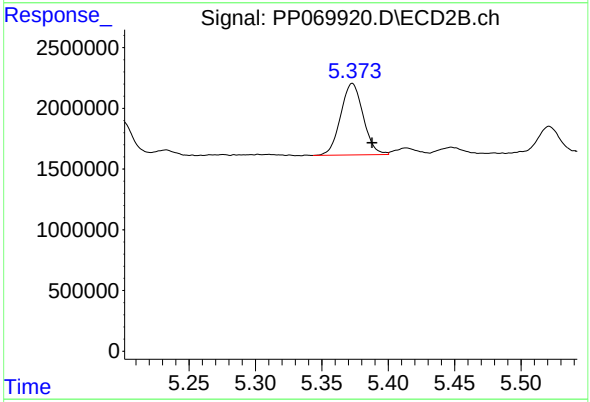
R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 11206975
Conc: 554.90 ng/ml



#7 AR-1016-5

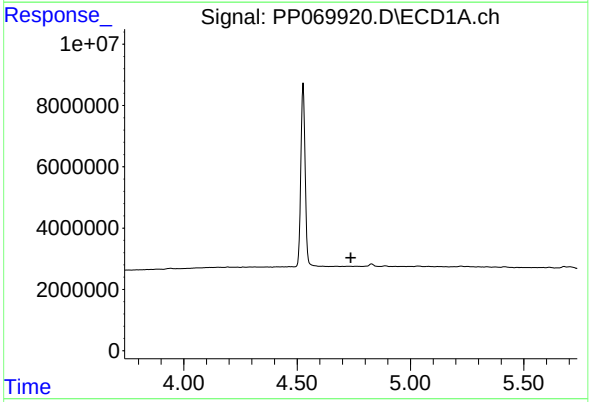
R.T.: 6.154 min
Delta R.T.: -0.013 min
Response: 8326143
Conc: 251.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



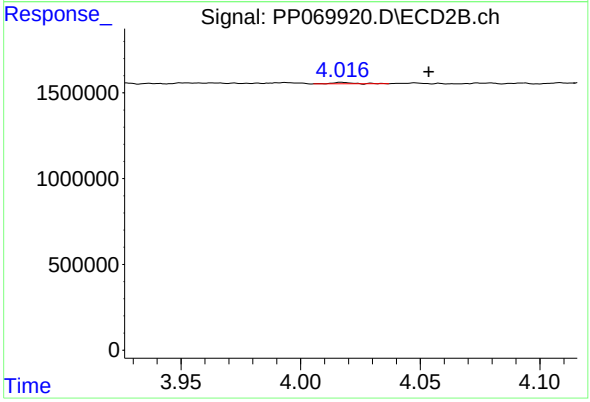
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 6964245
Conc: 259.63 ng/ml



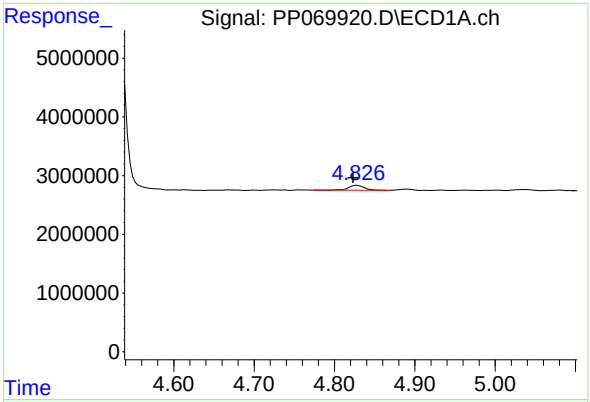
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

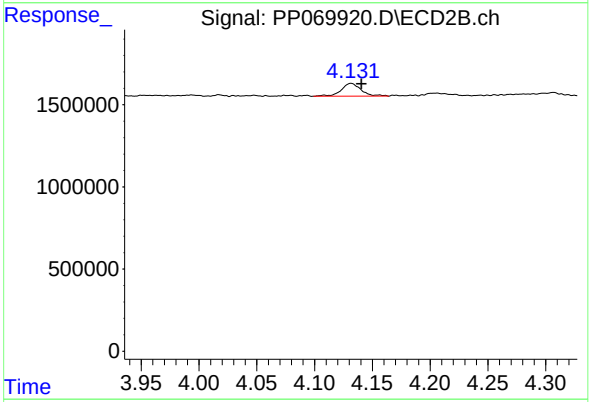
R.T.: 4.017 min
Delta R.T.: -0.036 min
Response: 51957
Conc: 4.22 ng/ml



#9 AR-1221-2

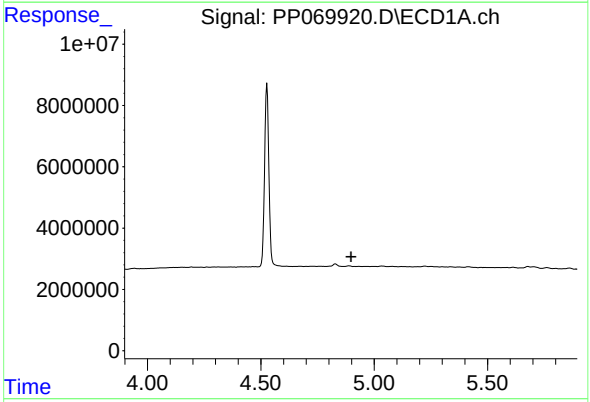
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 1149269
Conc: 83.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



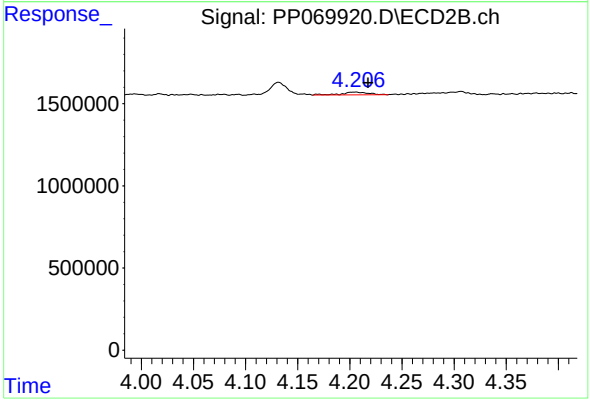
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.009 min
Response: 917107
Conc: 94.71 ng/ml



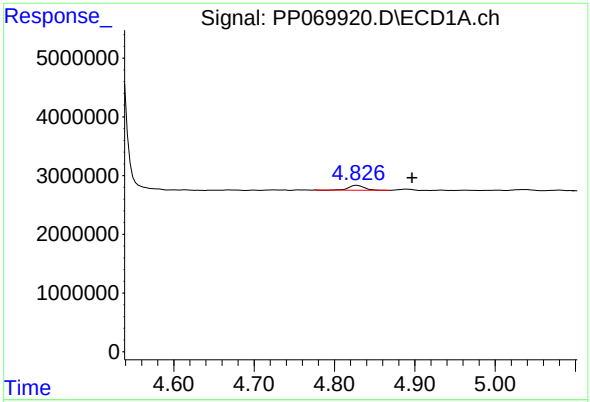
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

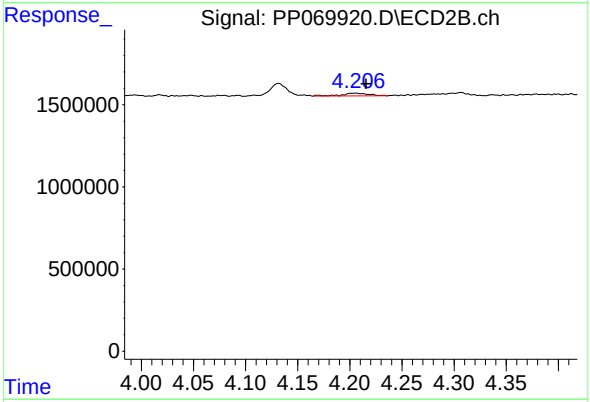
R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 278040
Conc: 9.53 ng/ml



#11 AR-1232-1

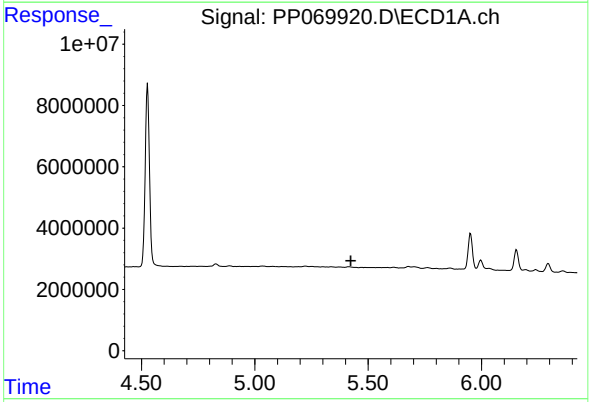
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 1149269
Conc: 34.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



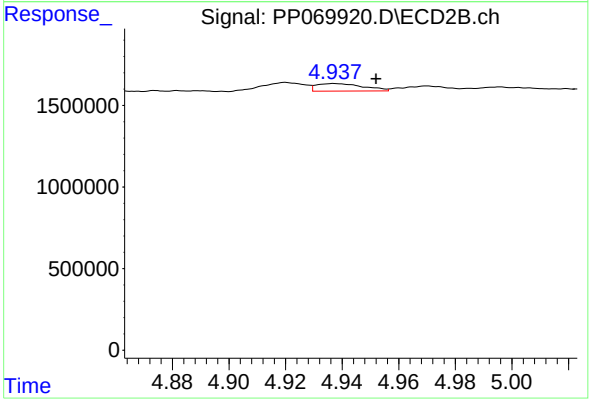
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 278040
Conc: 11.84 ng/ml



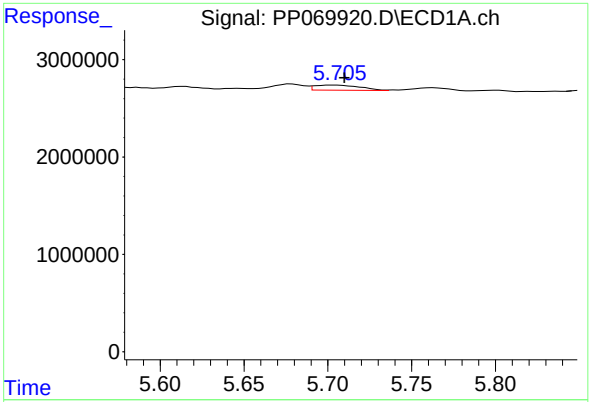
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

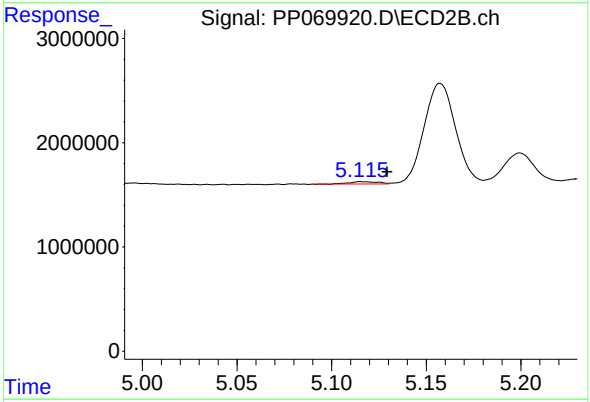
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 539279
Conc: 22.88 ng/ml



#13 AR-1232-3

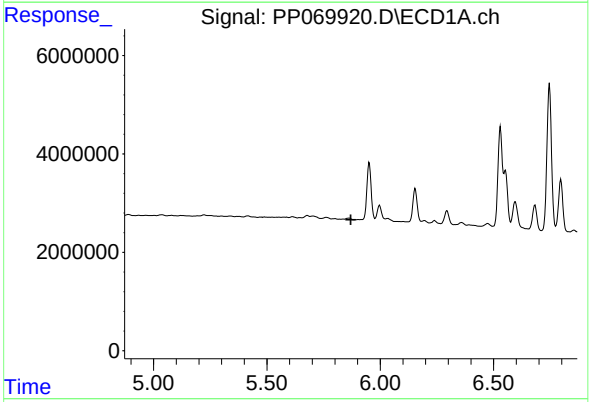
R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 1007776
Conc: 29.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



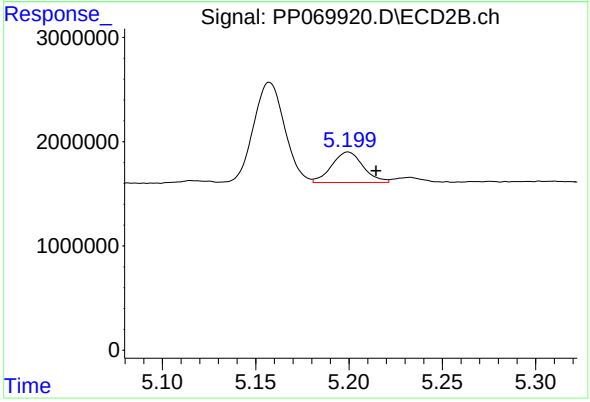
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 235679
Conc: 18.20 ng/ml



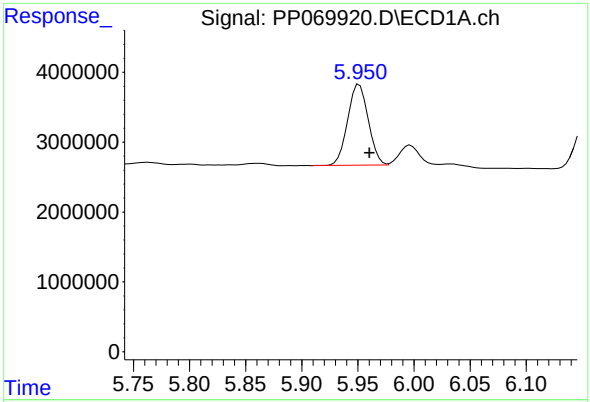
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

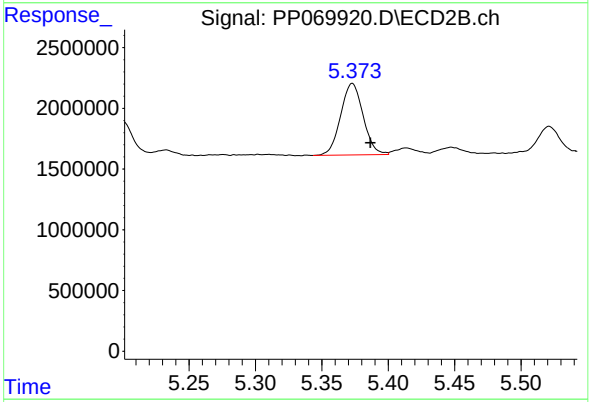
R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3437629
Conc: 310.08 ng/ml



#15 AR-1232-5

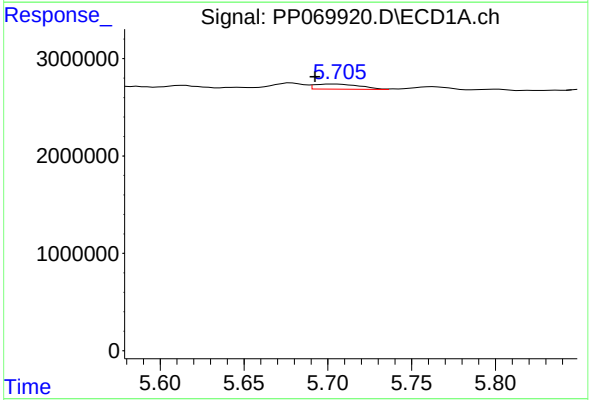
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 14776527
Conc: 1289.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



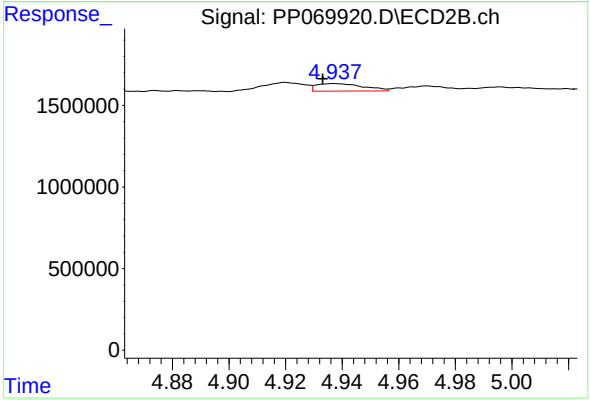
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 6964245
Conc: 570.36 ng/ml



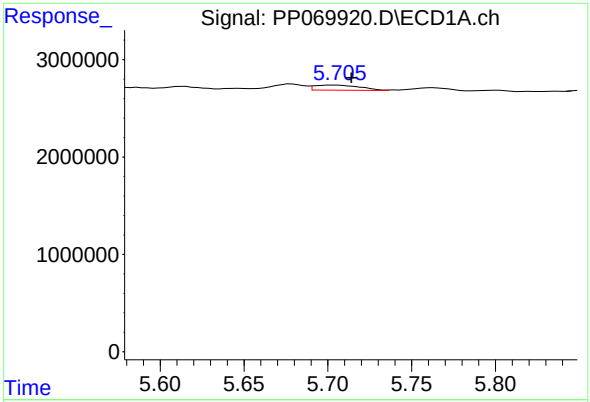
#16 AR-1242-1

R.T.: 5.704 min
Delta R.T.: 0.012 min
Response: 1007776
Conc: 24.16 ng/ml



#16 AR-1242-1

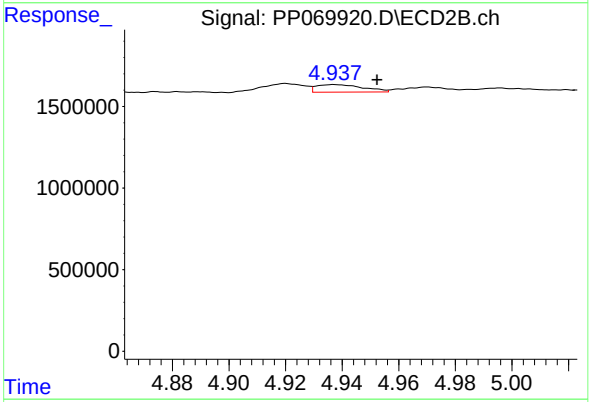
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 539279
Conc: 18.70 ng/ml



#17 AR-1242-2

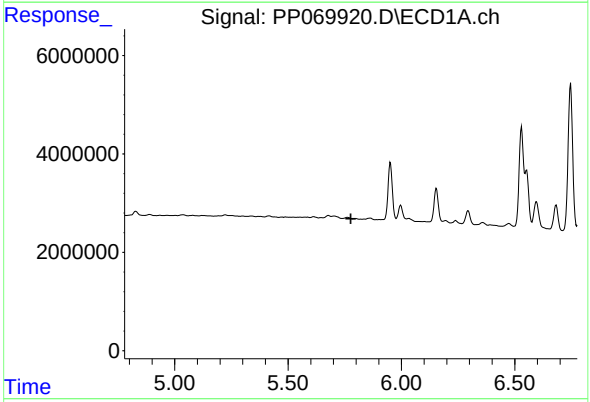
R.T.: 5.704 min
Delta R.T.: -0.010 min
Response: 1007776
Conc: 17.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



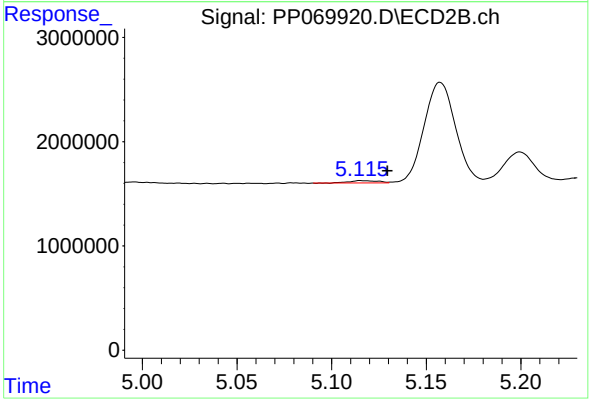
#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 539279
Conc: 13.69 ng/ml



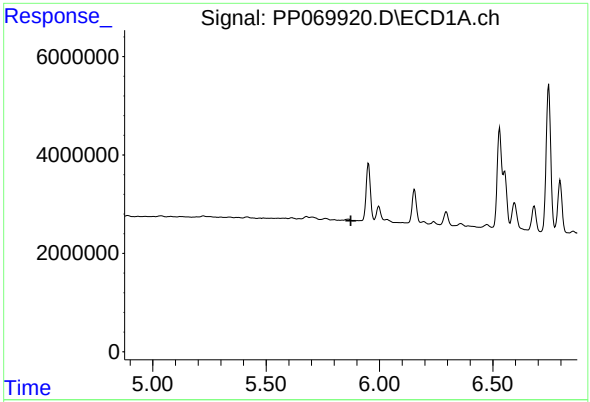
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

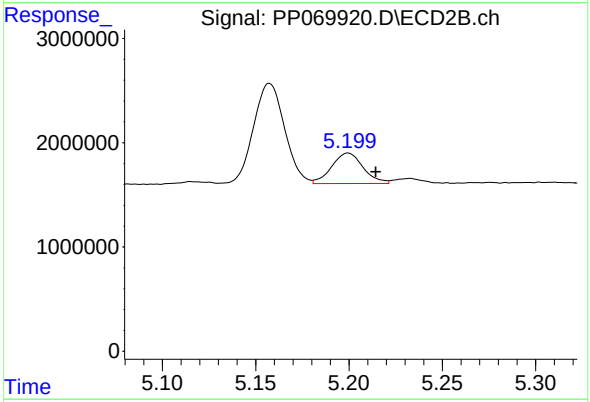
R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 235679
Conc: 10.47 ng/ml



#19 AR-1242-4

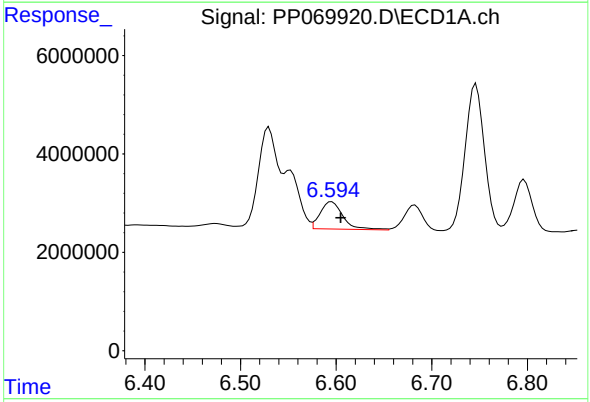
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



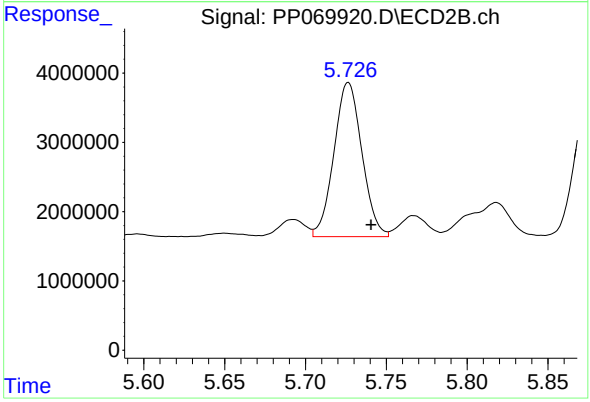
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3437629
Conc: 159.28 ng/ml



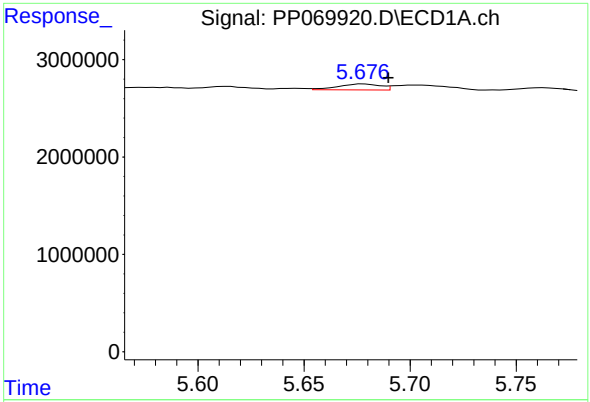
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: -0.010 min
Response: 9206387
Conc: 282.54 ng/ml



#20 AR-1242-5

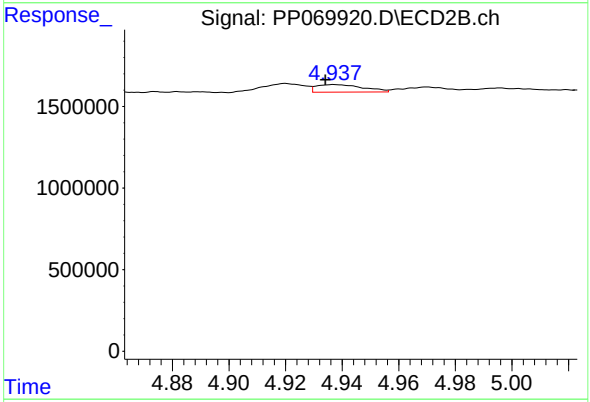
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 26816755
Conc: 932.16 ng/ml



#21 AR-1248-1

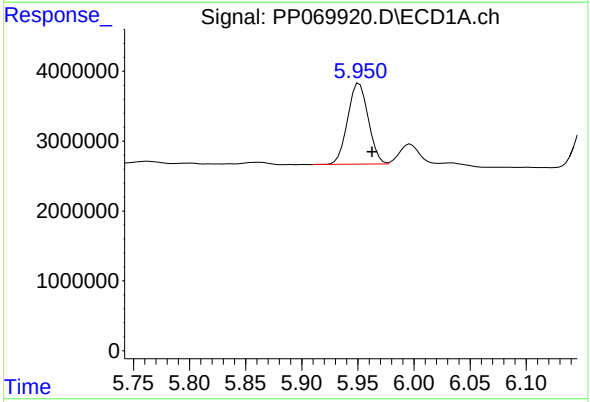
R.T.: 5.678 min
Delta R.T.: -0.012 min
Response: 863620
Conc: 26.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



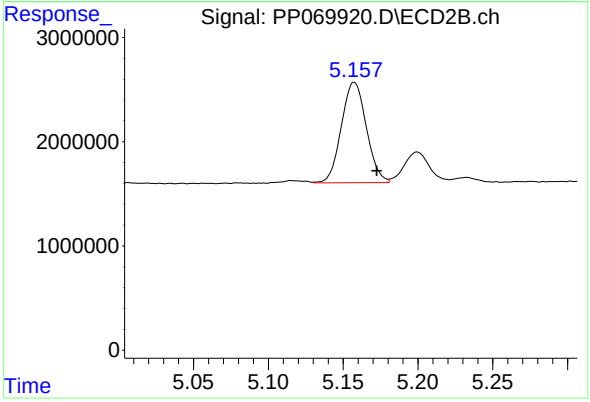
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 539279
Conc: 24.50 ng/ml



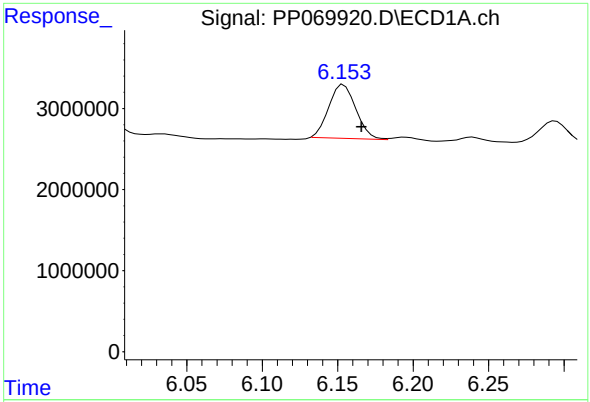
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.011 min
Response: 14776527
Conc: 348.12 ng/ml



#22 AR-1248-2

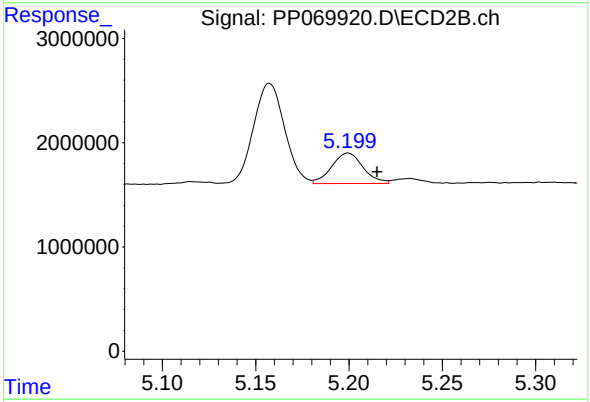
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 11206975
Conc: 372.76 ng/ml



#23 AR-1248-3

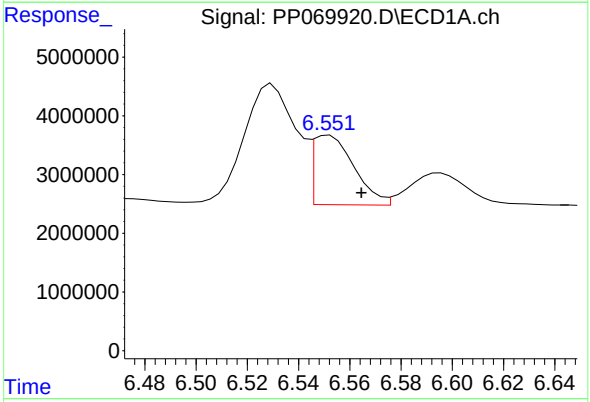
R.T.: 6.154 min
Delta R.T.: -0.012 min
Response: 8326143
Conc: 177.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



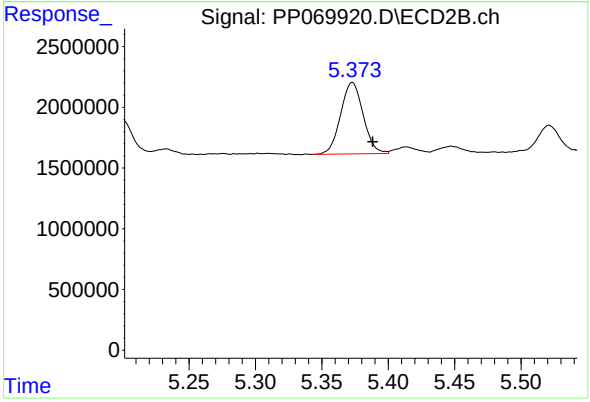
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3437629
Conc: 110.95 ng/ml



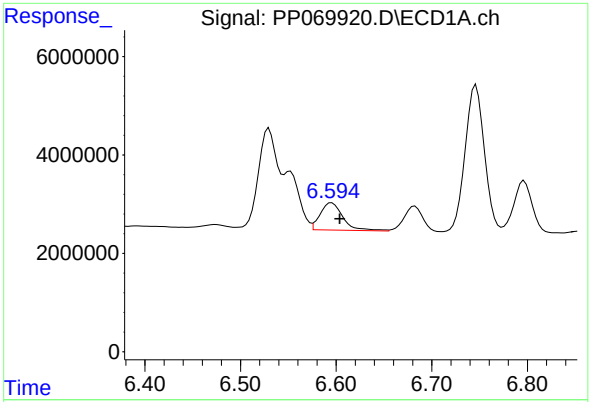
#24 AR-1248-4

R.T.: 6.552 min
Delta R.T.: -0.013 min
Response: 13146038
Conc: 238.49 ng/ml



#24 AR-1248-4

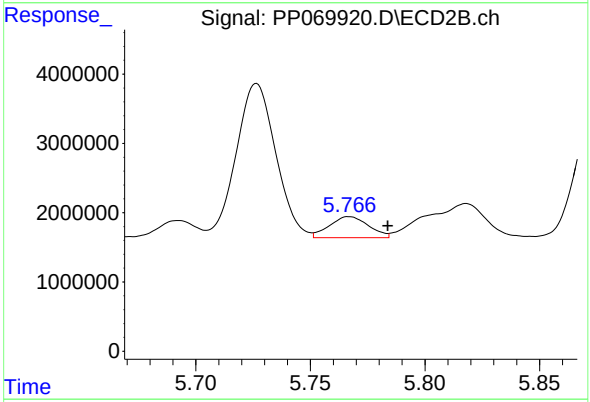
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 6964245
Conc: 188.51 ng/ml



#25 AR-1248-5

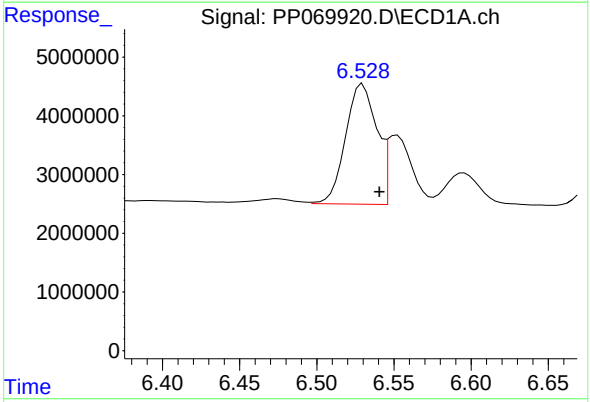
R.T.: 6.595 min
Delta R.T.: -0.008 min
Response: 9206387
Conc: 172.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



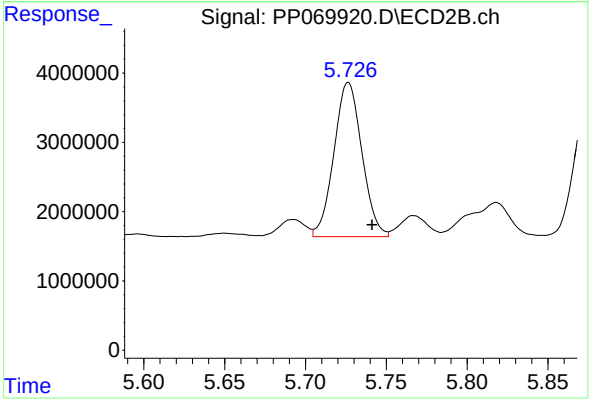
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 3636810
Conc: 97.27 ng/ml



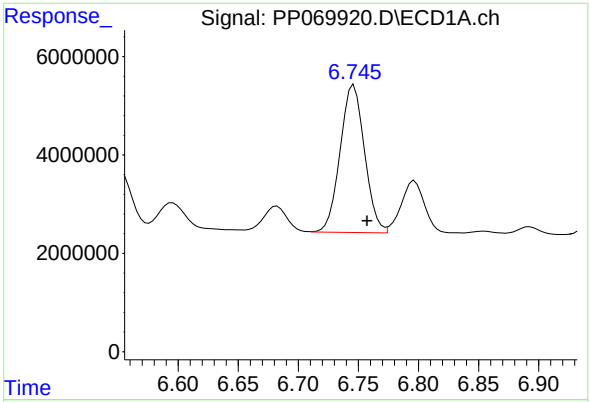
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 28871304
Conc: 498.95 ng/ml



#26 AR-1254-1

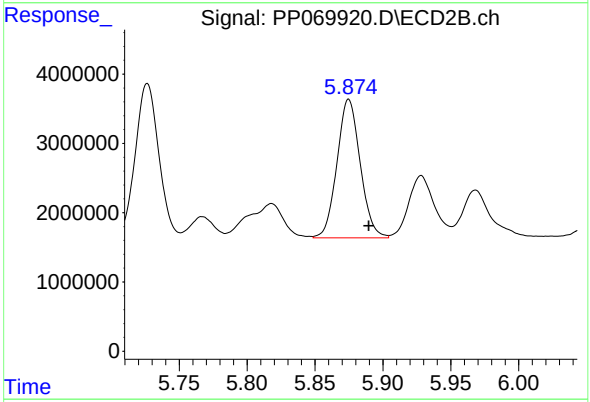
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 26816755
Conc: 487.08 ng/ml



#27 AR-1254-2

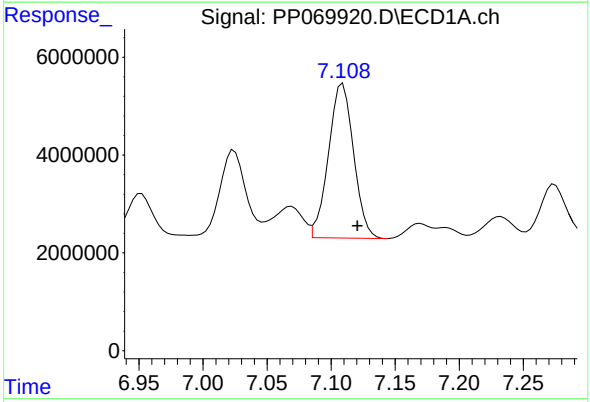
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 42488153
Conc: 529.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



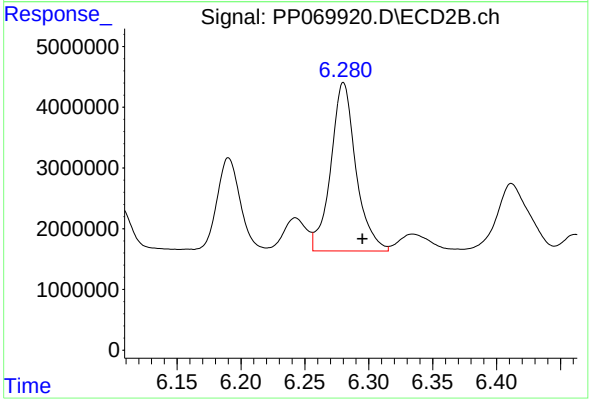
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 23814541
Conc: 492.35 ng/ml



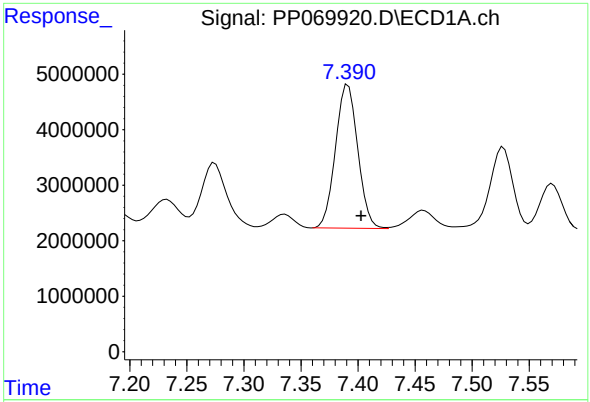
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 42989779
Conc: 510.03 ng/ml



#28 AR-1254-3

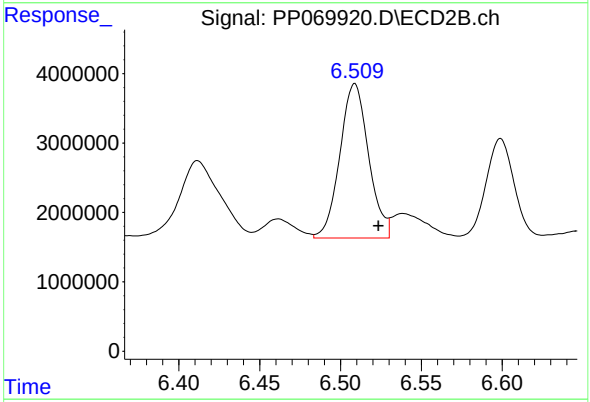
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 37924622
Conc: 499.69 ng/ml



#29 AR-1254-4

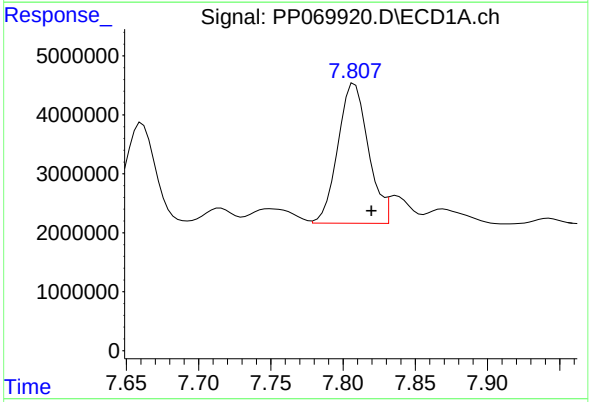
R.T.: 7.391 min
Delta R.T.: -0.011 min
Response: 35196918
Conc: 516.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



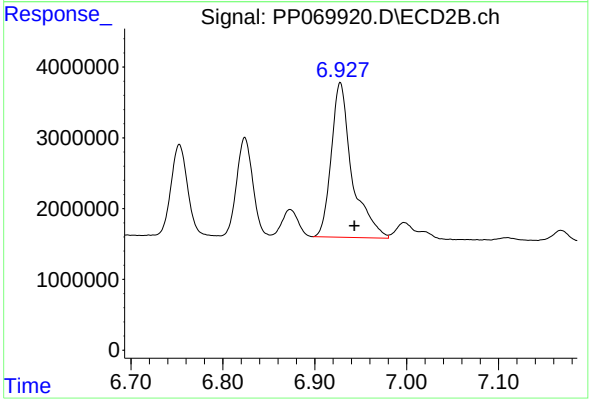
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 27529604
Conc: 537.17 ng/ml



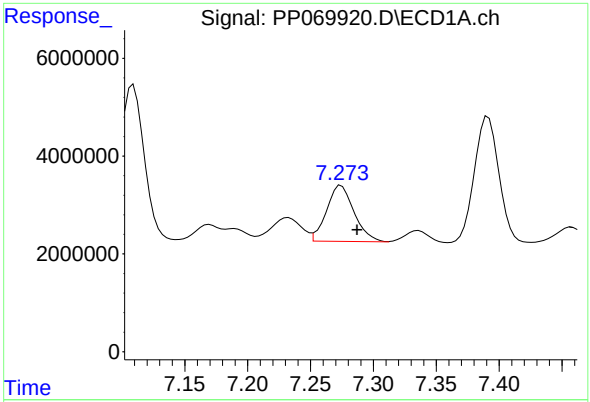
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 34669202
Conc: 509.50 ng/ml



#30 AR-1254-5

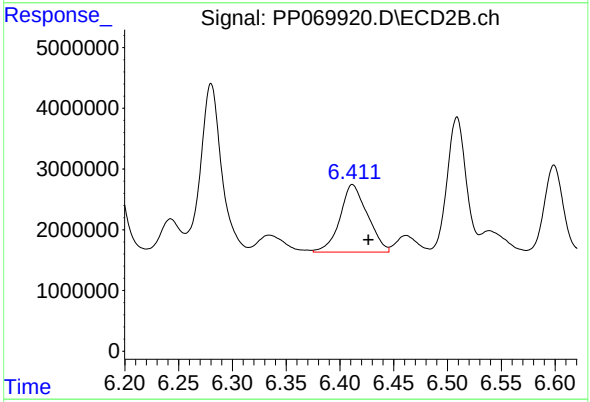
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 34264507
Conc: 514.79 ng/ml



#31 AR-1260-1

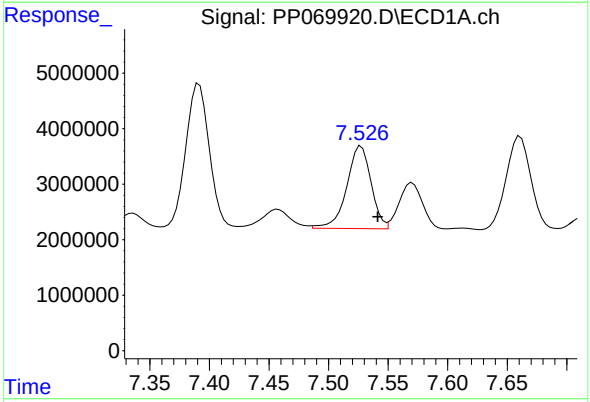
R.T.: 7.274 min
Delta R.T.: -0.012 min
Response: 17474239
Conc: 299.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



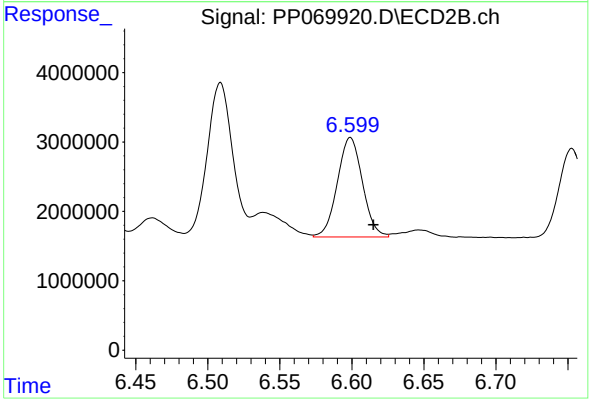
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 19780315
Conc: 410.13 ng/ml



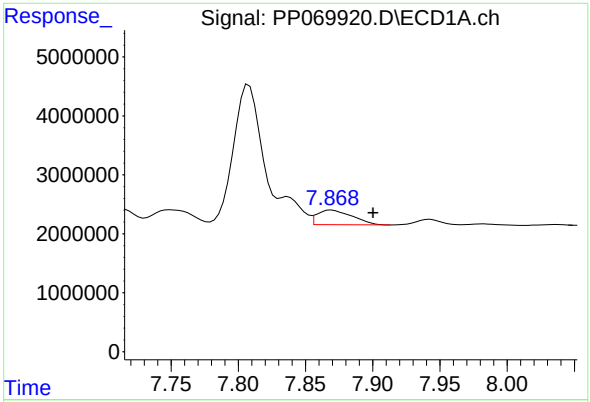
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 min
Response: 21130610
Conc: 271.56 ng/ml



#32 AR-1260-2

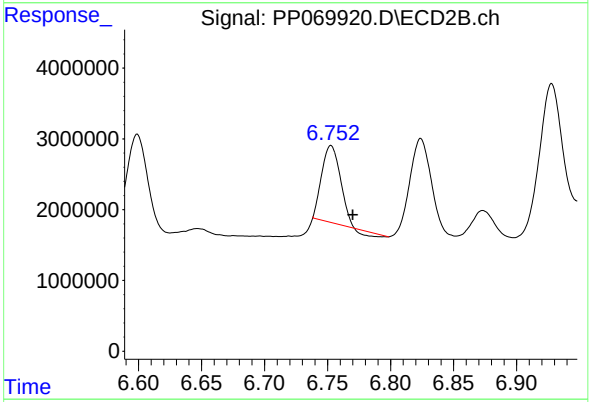
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 17418450
Conc: 284.13 ng/ml



#33 AR-1260-3

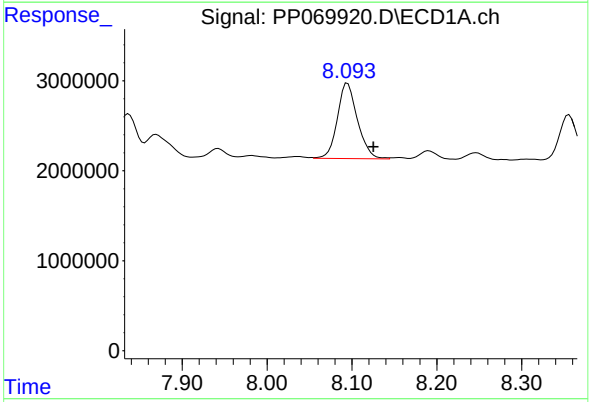
R.T.: 7.869 min
Delta R.T.: -0.031 min
Response: 4459441
Conc: 71.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



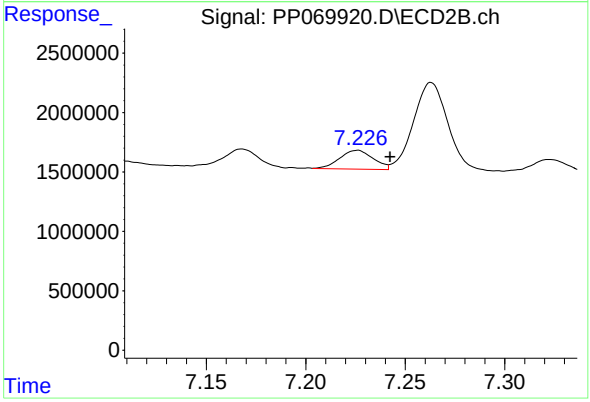
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 10674608
Conc: 177.45 ng/ml



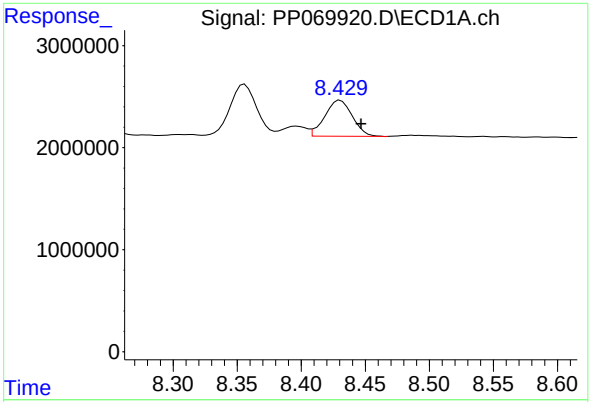
#34 AR-1260-4

R.T.: 8.095 min
Delta R.T.: -0.030 min
Response: 13756916
Conc: 208.51 ng/ml



#34 AR-1260-4

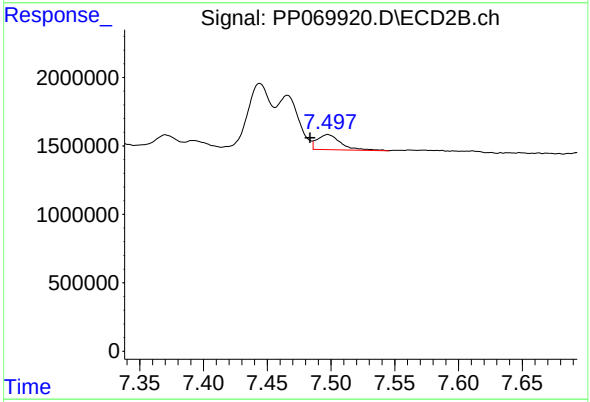
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 1865036
Conc: 40.14 ng/ml



#35 AR-1260-5

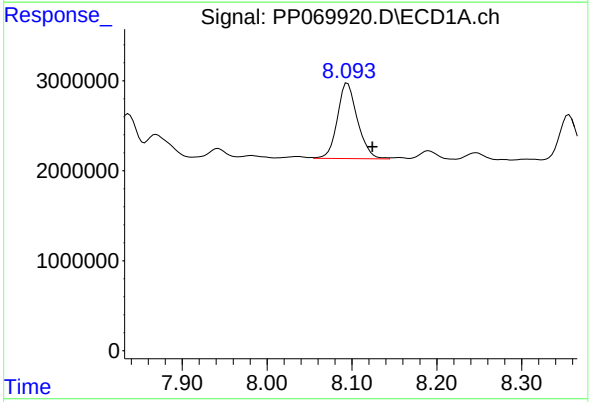
R.T.: 8.430 min
Delta R.T.: -0.016 min
Response: 5286473
Conc: 40.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



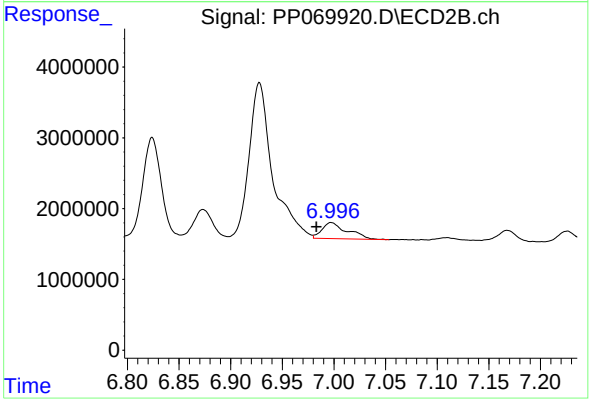
#35 AR-1260-5

R.T.: 7.497 min
Delta R.T.: 0.014 min
Response: 1428787
Conc: 12.86 ng/ml



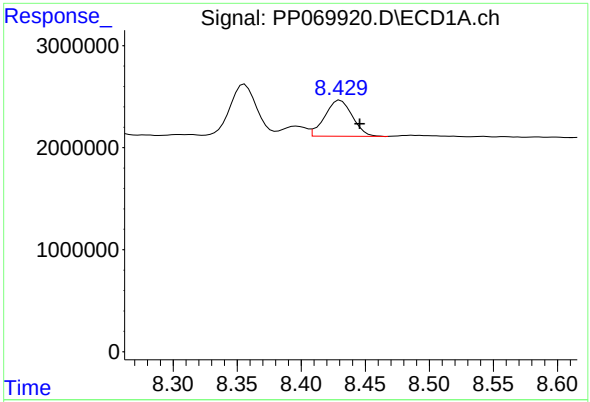
#36 AR-1262-1

R.T.: 8.095 min
Delta R.T.: -0.029 min
Response: 13756916
Conc: 174.10 ng/ml



#36 AR-1262-1

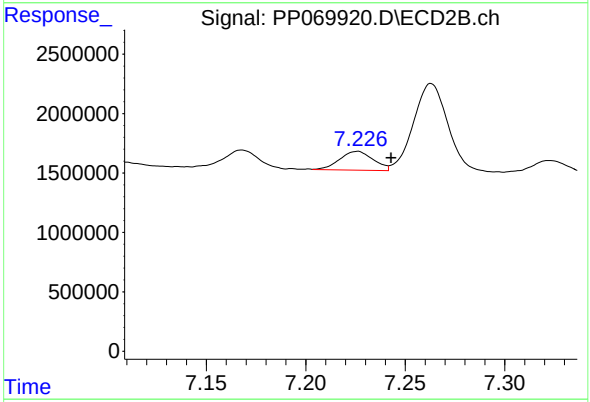
R.T.: 6.997 min
Delta R.T.: 0.014 min
Response: 3871055
Conc: 54.51 ng/ml



#37 AR-1262-2

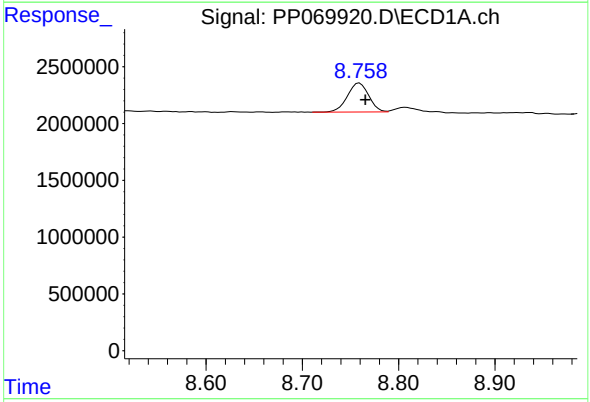
R.T.: 8.430 min
Delta R.T.: -0.015 min
Response: 5286473
Conc: 34.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



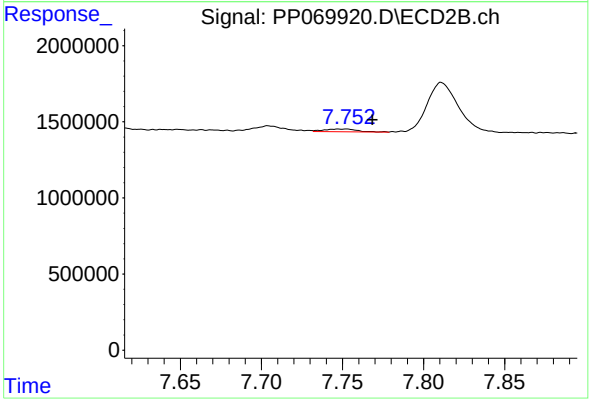
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 1865036
Conc: 30.58 ng/ml



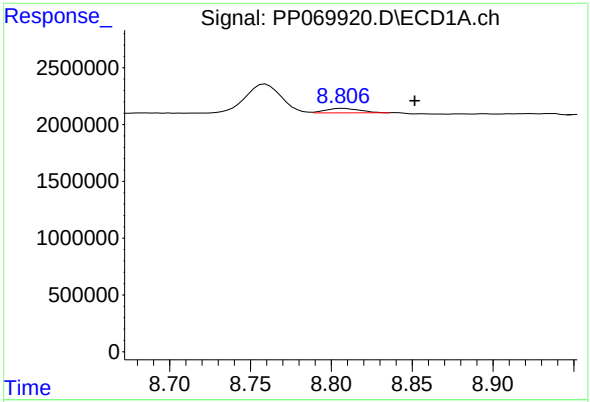
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: -0.006 min
Response: 3932042
Conc: 37.00 ng/ml



#38 AR-1262-3

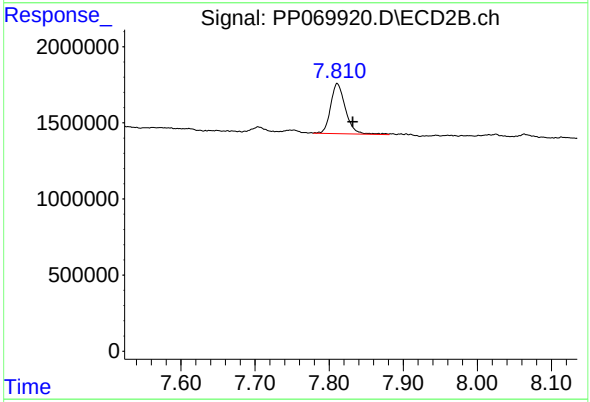
R.T.: 7.752 min
Delta R.T.: -0.016 min
Response: 262411
Conc: 5.02 ng/ml



#39 AR-1262-4

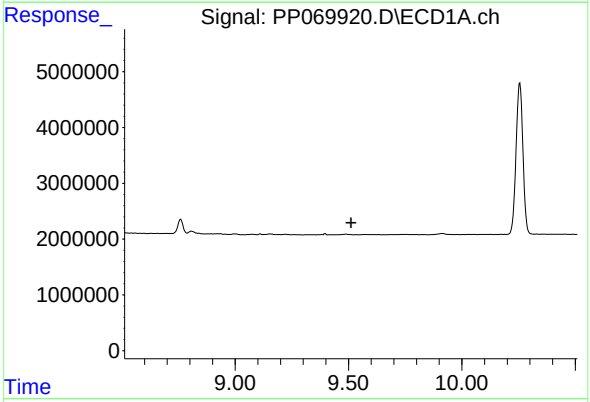
R.T.: 8.807 min
Delta R.T.: -0.044 min
Response: 572691
Conc: 7.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



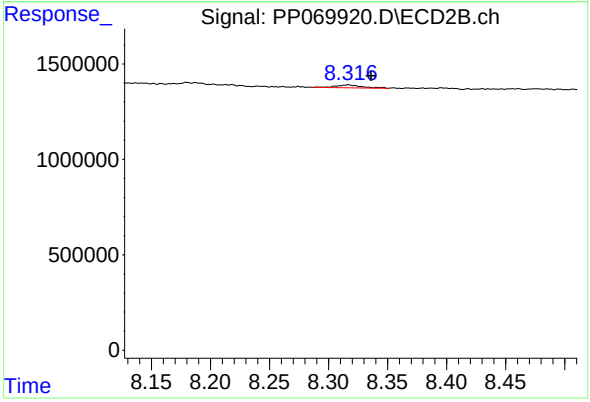
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.021 min
Response: 4584493
Conc: 49.60 ng/ml



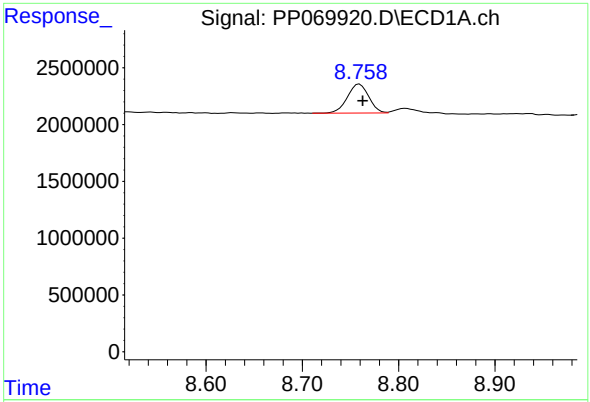
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

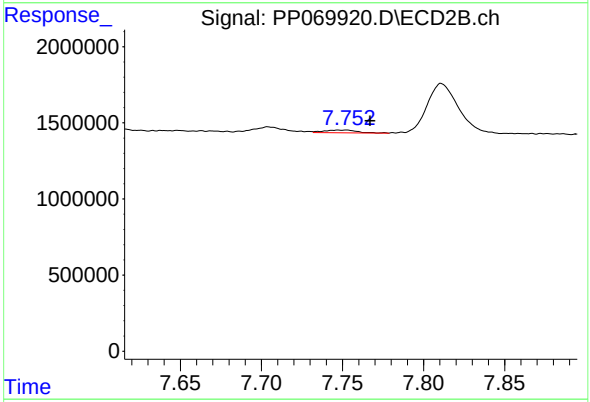
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 234208
Conc: 4.90 ng/ml



#41 AR-1268-1

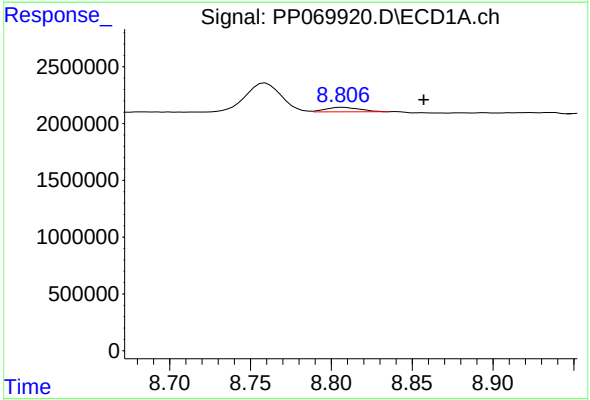
R.T.: 8.759 min
Delta R.T.: -0.004 min
Response: 3932042
Conc: 22.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



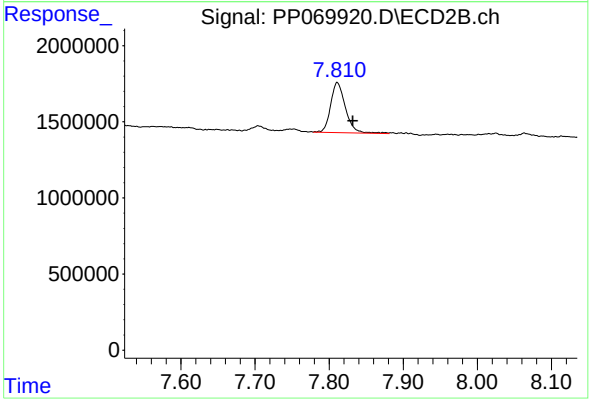
#41 AR-1268-1

R.T.: 7.752 min
Delta R.T.: -0.015 min
Response: 262411
Conc: 1.81 ng/ml



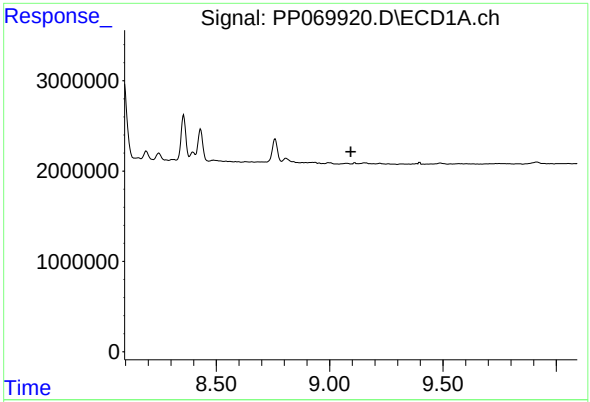
#42 AR-1268-2

R.T.: 8.807 min
Delta R.T.: -0.050 min
Response: 572691
Conc: 3.64 ng/ml



#42 AR-1268-2

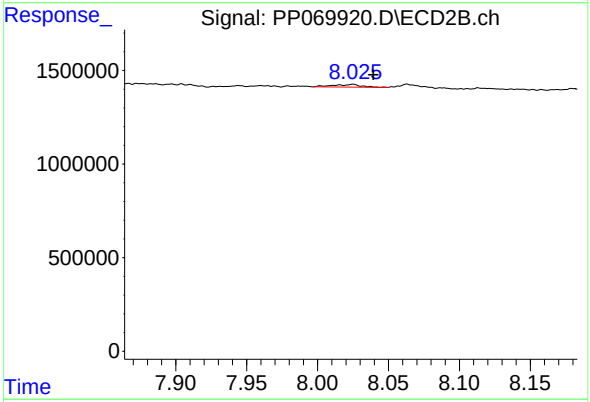
R.T.: 7.811 min
Delta R.T.: -0.021 min
Response: 4584493
Conc: 34.52 ng/ml



#43 AR-1268-3

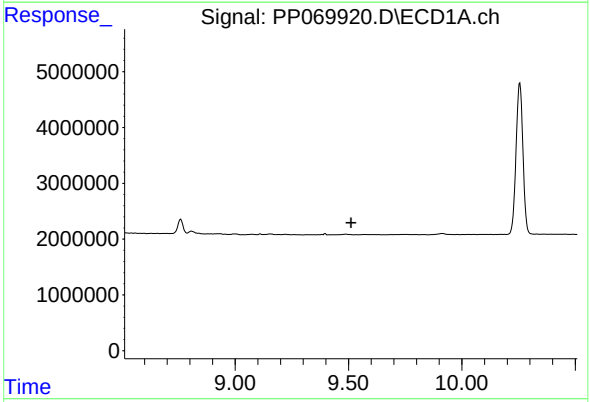
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



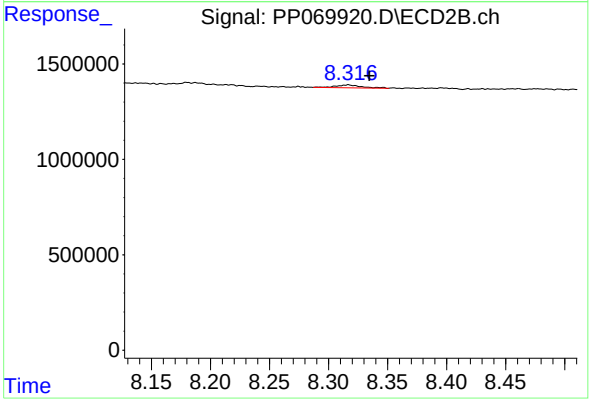
#43 AR-1268-3

R.T.: 8.025 min
Delta R.T.: -0.014 min
Response: 188879
Conc: 1.66 ng/ml



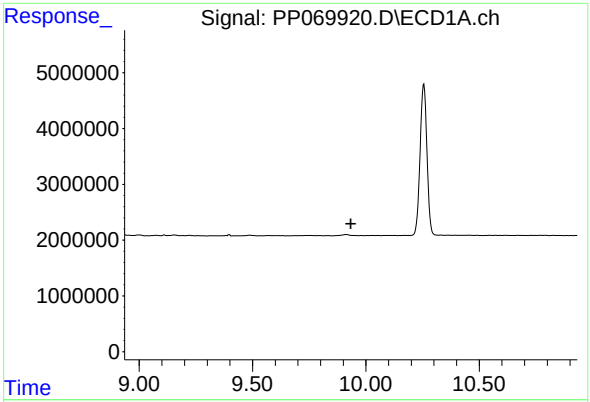
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

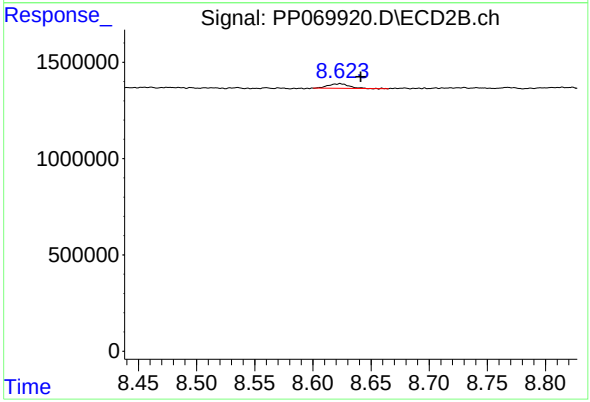
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 234208
Conc: 4.50 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.623 min
Delta R.T.: -0.018 min
Response: 295792
Conc: 0.83 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:08
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: Feb 21 23:51:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	34011393	20228512	23.760	22.664	
2)	SA Decachlor...	10.252	8.889	25815110	26557637	23.621	23.744	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.943	0	47410	N.D.	1.454	#
4)	L1 AR-1016-2	0.000	4.943	0	47410	N.D.	1.055	#
5)	L1 AR-1016-3	0.000	5.120	0	1165675	N.D.	46.844	#
6)	L1 AR-1016-4	0.000	5.180	0	1092557	N.D.	54.097	#
7)	L1 AR-1016-5	0.000	5.402	0	518704	N.D.	19.337	#
8)	L2 AR-1221-1	0.000	4.054	0	35817	N.D.	2.908	#
9)	L2 AR-1221-2	4.825	4.133	661128	395348	48.284	40.828	
10)	L2 AR-1221-3	0.000	4.214	0	45222	N.D.	1.550	#
11)	L3 AR-1232-1	0.000	4.214	0	45222	N.D.	1.926	#
12)	L3 AR-1232-2	0.000	4.943	0	47410	N.D.	2.011	#
13)	L3 AR-1232-3	0.000	5.120	0	1165675	N.D.	90.033	#
14)	L3 AR-1232-4	0.000	5.221	0	754425	N.D.	68.050	#
15)	L3 AR-1232-5	6.021f	5.374	888549	3466123	77.518	283.868	#
16)	L4 AR-1242-1	0.000	4.943	0	47410	N.D.	1.644	#
17)	L4 AR-1242-2	0.000	4.943	0	47410	N.D.	1.203	#
18)	L4 AR-1242-3	0.000	5.120	0	1165675	N.D.	51.798	#
19)	L4 AR-1242-4	0.000	5.221	0	754425	N.D.	34.956	#
20)	L4 AR-1242-5	6.599	5.750	1848965	3716193	56.744	129.176	#
21)	L5 AR-1248-1	0.000	4.943	0	47410	N.D.	2.154	#
22)	L5 AR-1248-2	6.021f	5.180	888549	1092557	20.933	36.340	#
23)	L5 AR-1248-3	0.000	5.221	0	754425	N.D.	24.349	#
24)	L5 AR-1248-4	6.568	5.402	3350356	518704	60.782	14.040	#
25)	L5 AR-1248-5	6.599	5.804	1848965	874773	34.635	23.396	#
26)	L6 AR-1254-1	6.529	5.750	5582899	3716193	96.484	67.499	#
27)	L6 AR-1254-2	0.000	5.880	0	2268222	N.D.	46.894	#
28)	L6 AR-1254-3	7.099	6.277	8442225	515701	100.159	6.795	#
29)	L6 AR-1254-4	7.377	6.527	4138200	250541	60.688	4.889	#
31)	L7 AR-1260-1	7.319	0.000	2912884	0	49.847	N.D.	#
32)	L7 AR-1260-2	7.530	6.577f	1345203	2061780	17.288	33.632	#
33)	L7 AR-1260-3	0.000	6.757	0	760002	N.D.	12.634	#
38)	L8 AR-1262-3	0.000	7.771	0	1207347	N.D.	23.085	#
39)	L8 AR-1262-4	0.000	7.856	0	257429	N.D.	2.785	#
41)	L9 AR-1268-1	0.000	7.771	0	1207347	N.D.	8.320	#
42)	L9 AR-1268-2	0.000	7.856	0	257429	N.D.	1.938	#
45)	L9 AR-1268-5	0.000	8.621	0	159172	N.D.	0.447	#

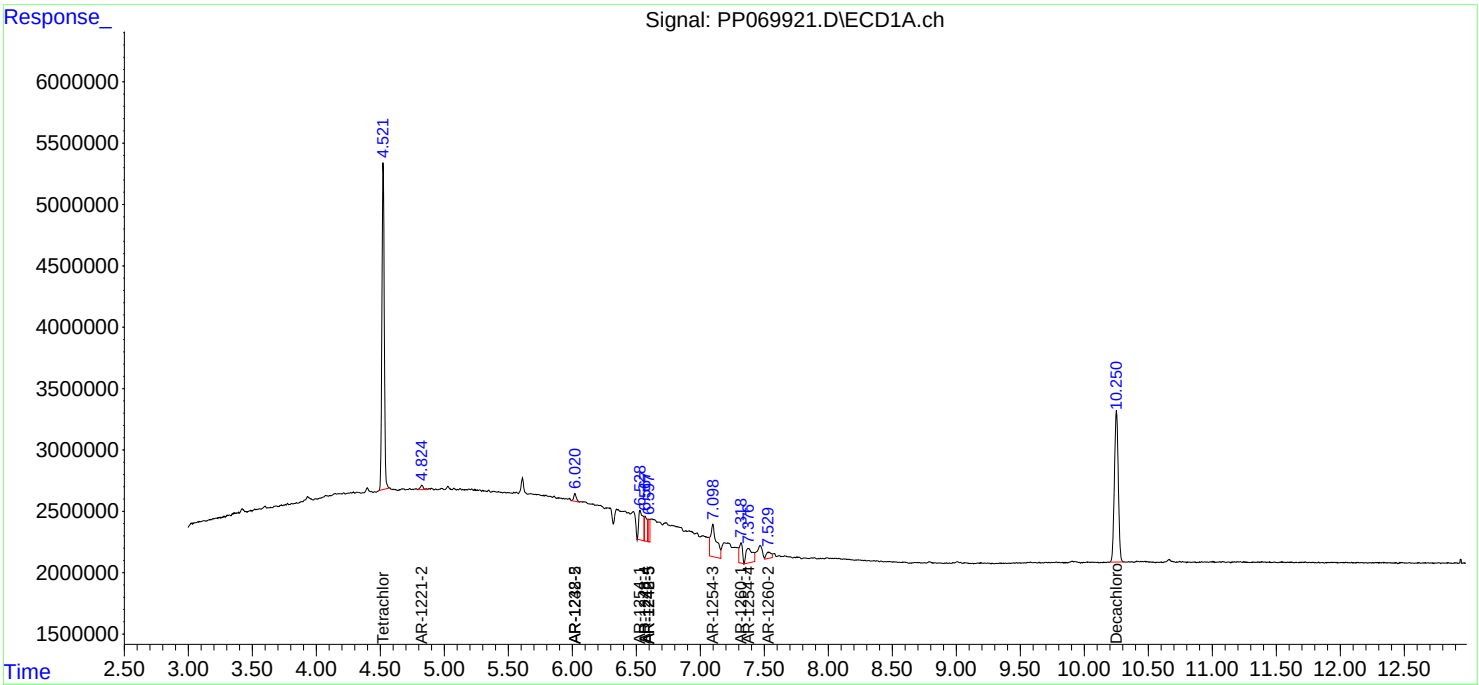
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

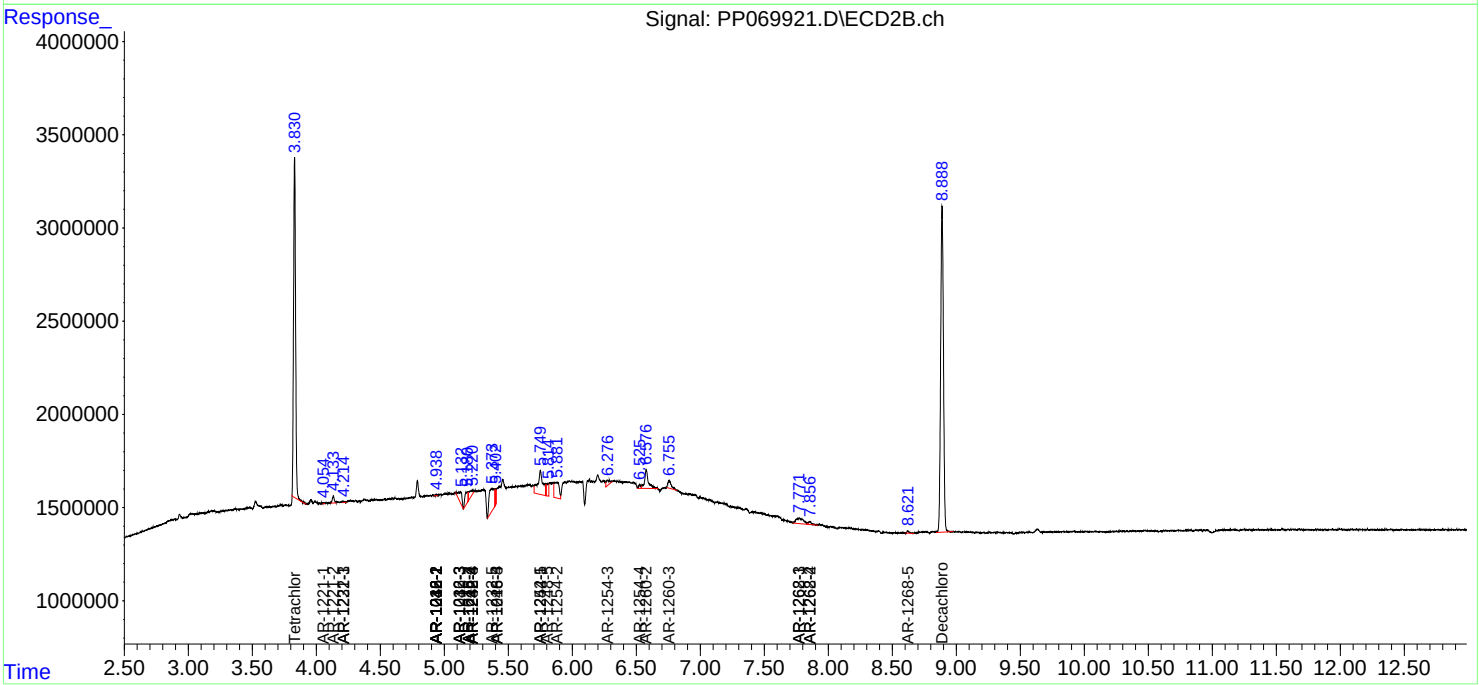
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 18:08
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

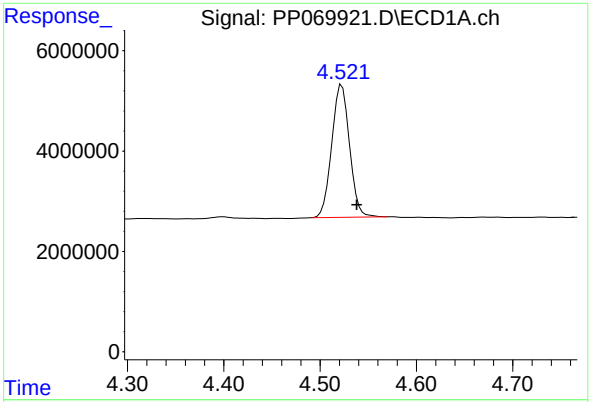
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:51:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



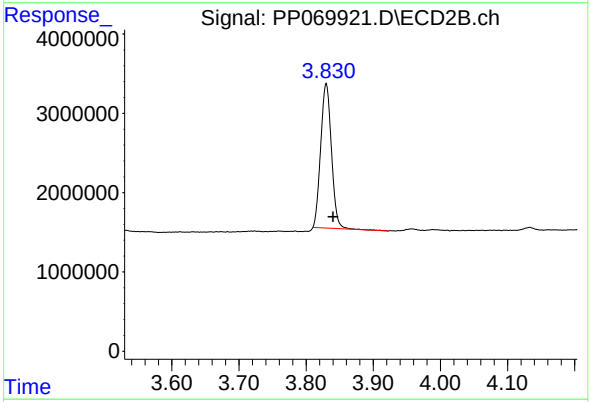




#1 Tetrachloro-m-xylene

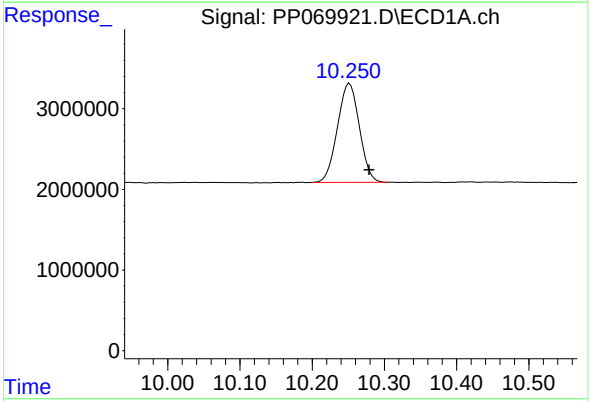
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 34011393
Conc: 23.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



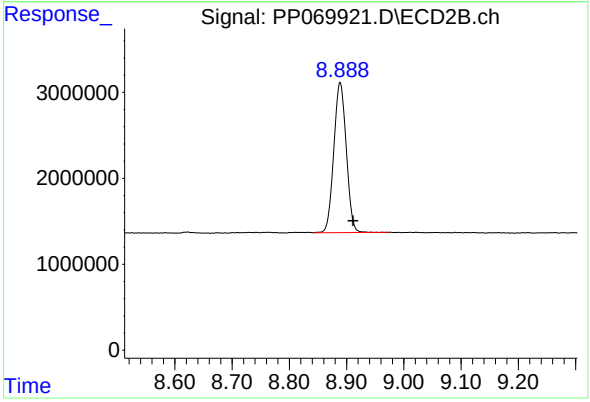
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20228512
Conc: 22.66 ng/ml



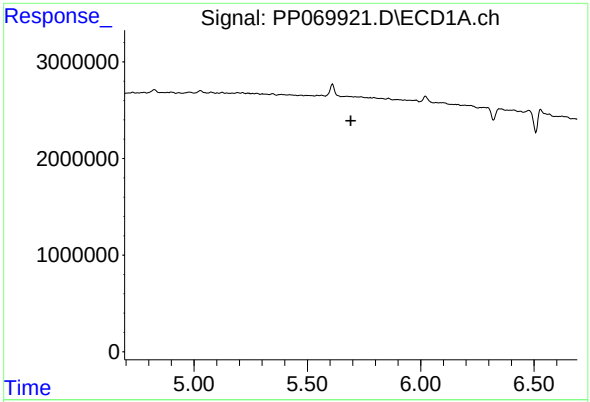
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 25815110
Conc: 23.62 ng/ml



#2 Decachlorobiphenyl

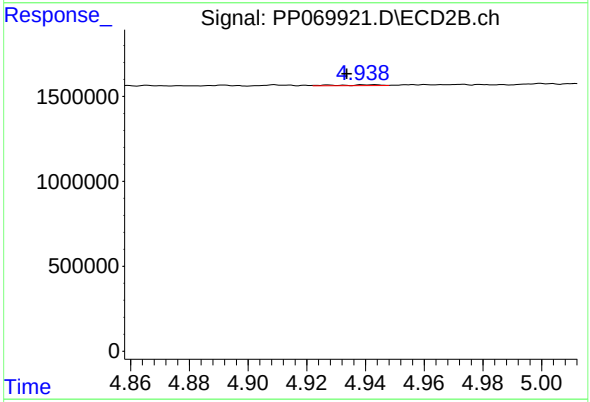
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 26557637
Conc: 23.74 ng/ml



#3 AR-1016-1

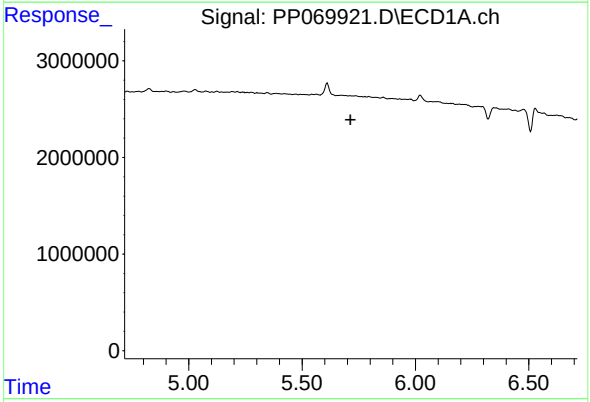
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



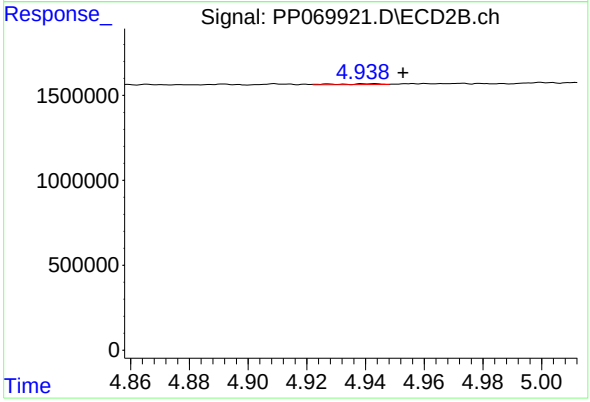
#3 AR-1016-1

R.T.: 4.943 min
Delta R.T.: 0.009 min
Response: 47410
Conc: 1.45 ng/ml



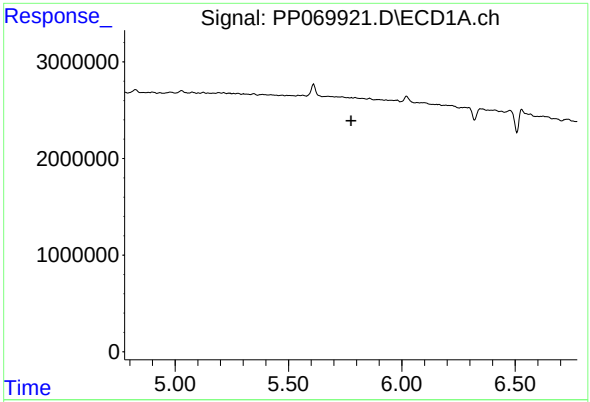
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

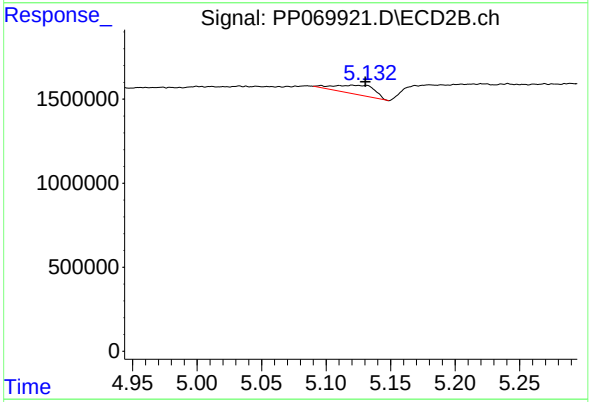
R.T.: 4.943 min
Delta R.T.: -0.010 min
Response: 47410
Conc: 1.05 ng/ml



#5 AR-1016-3

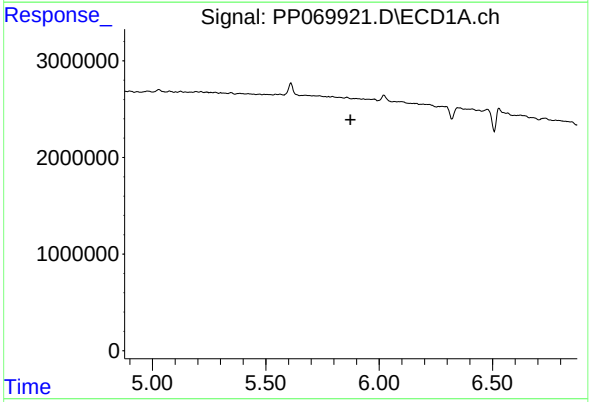
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



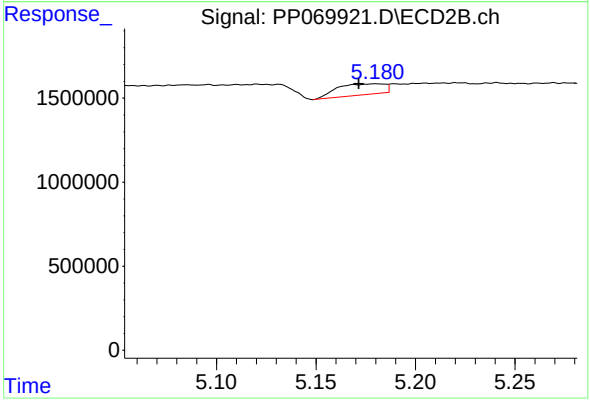
#5 AR-1016-3

R.T.: 5.120 min
Delta R.T.: -0.010 min
Response: 1165675
Conc: 46.84 ng/ml



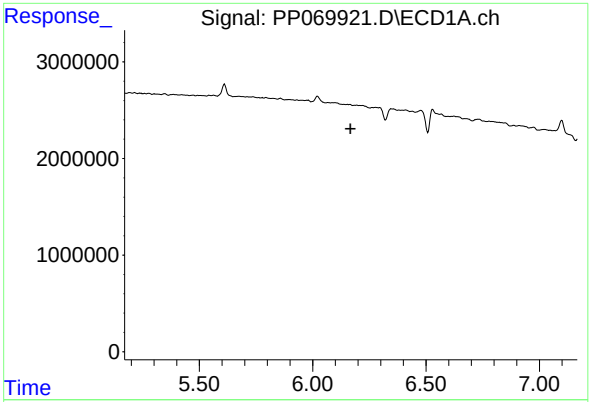
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

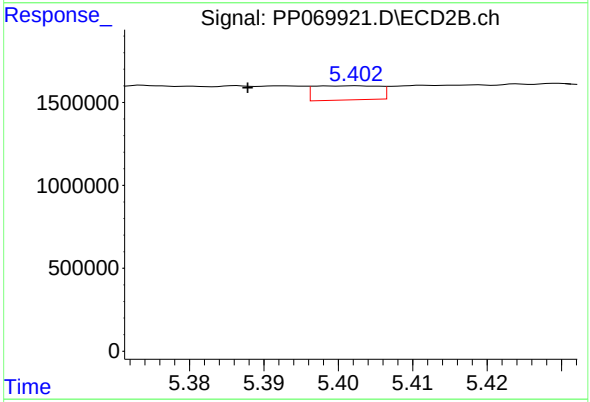
R.T.: 5.180 min
Delta R.T.: 0.009 min
Response: 1092557
Conc: 54.10 ng/ml



#7 AR-1016-5

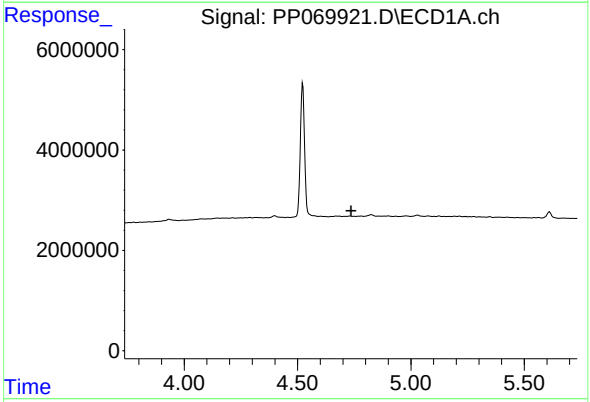
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



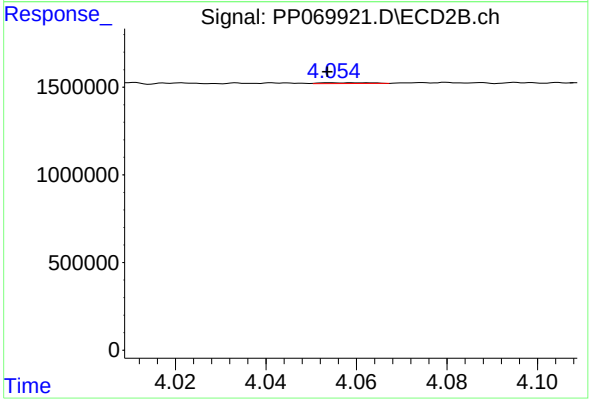
#7 AR-1016-5

R.T.: 5.402 min
Delta R.T.: 0.014 min
Response: 518704
Conc: 19.34 ng/ml



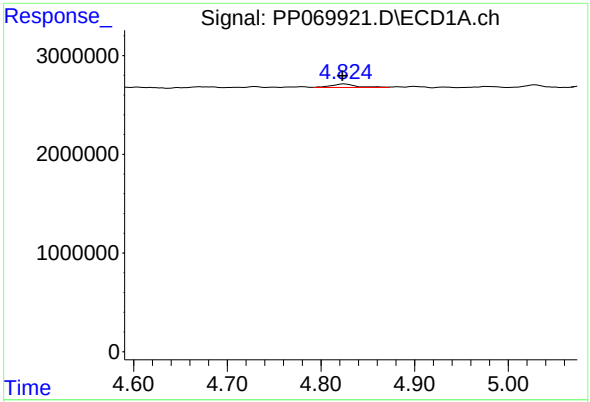
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

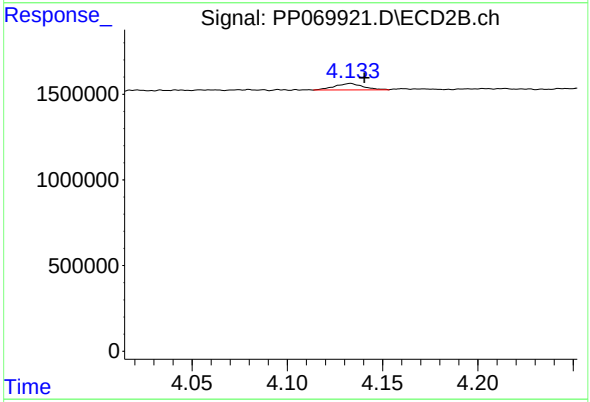
R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 35817
Conc: 2.91 ng/ml



#9 AR-1221-2

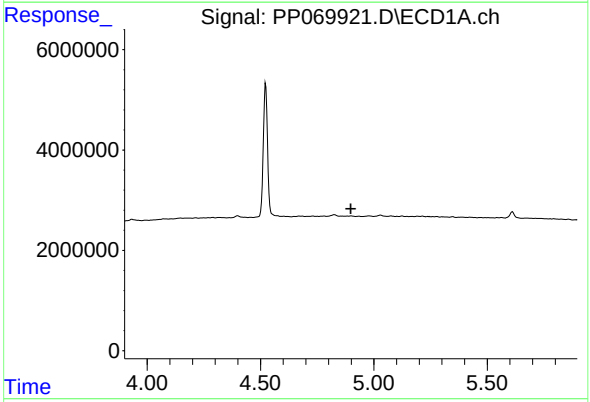
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 661128
Conc: 48.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



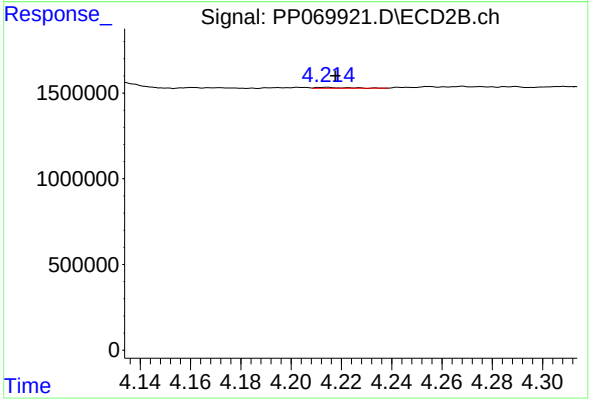
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 395348
Conc: 40.83 ng/ml



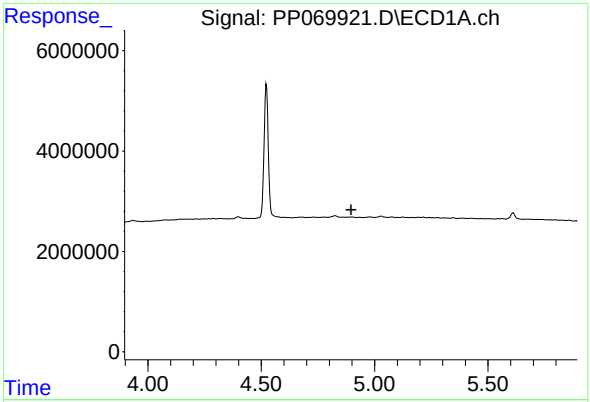
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

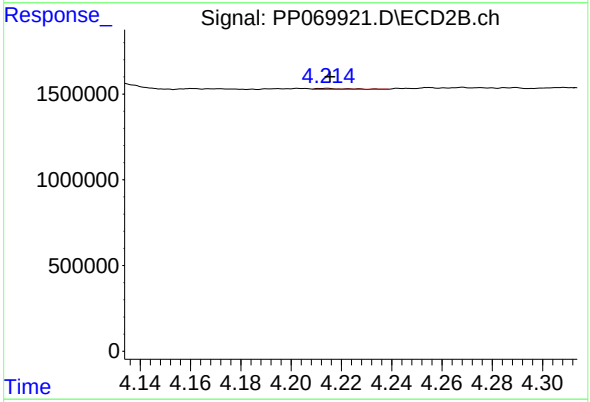
R.T.: 4.214 min
Delta R.T.: -0.004 min
Response: 45222
Conc: 1.55 ng/ml



#11 AR-1232-1

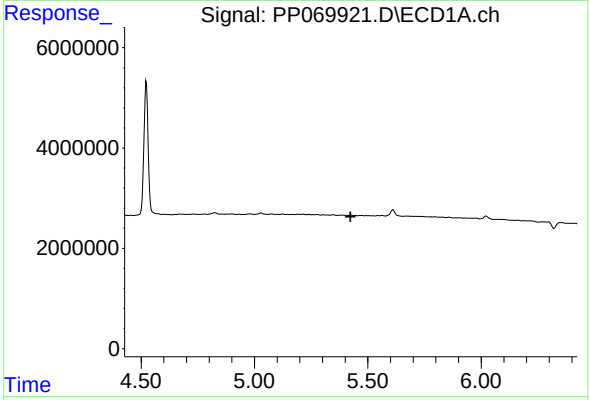
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



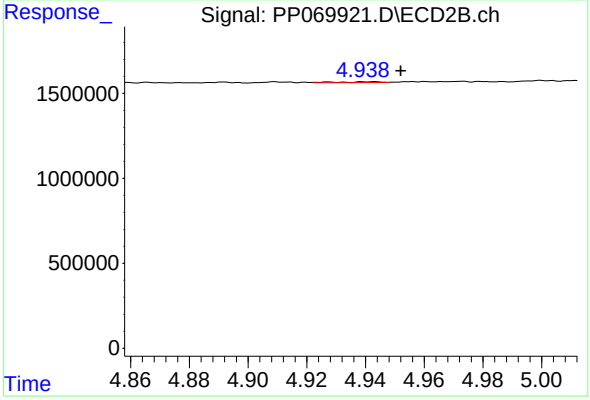
#11 AR-1232-1

R.T.: 4.214 min
Delta R.T.: -0.001 min
Response: 45222
Conc: 1.93 ng/ml



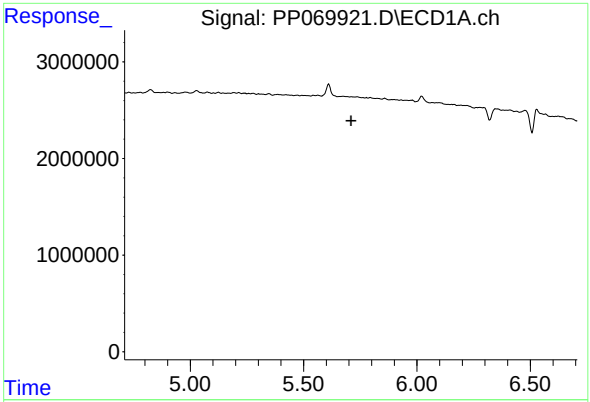
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

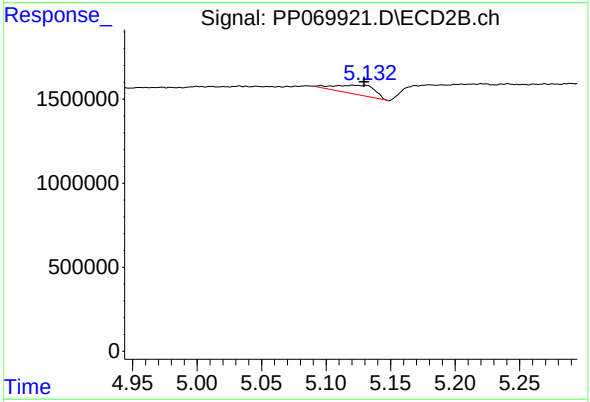
R.T.: 4.943 min
Delta R.T.: -0.009 min
Response: 47410
Conc: 2.01 ng/ml



#13 AR-1232-3

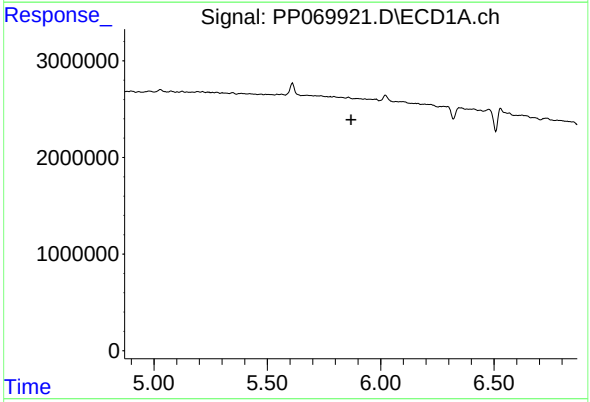
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



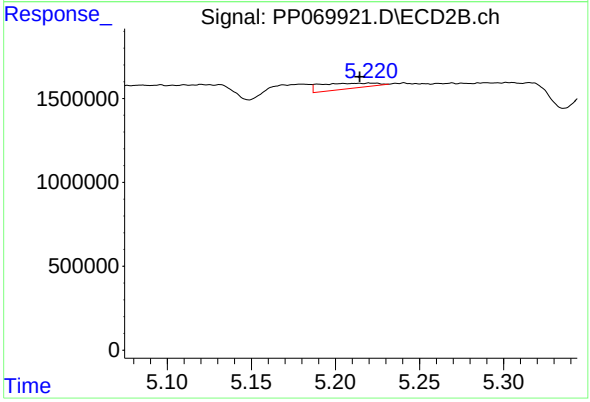
#13 AR-1232-3

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 1165675
Conc: 90.03 ng/ml



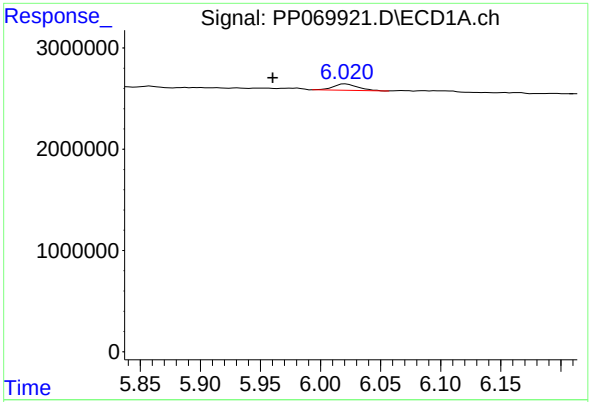
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

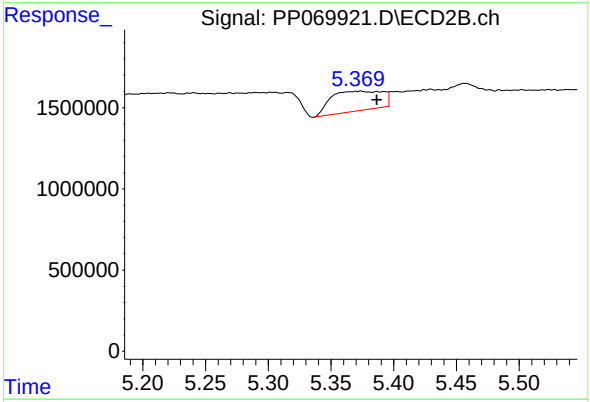
R.T.: 5.221 min
Delta R.T.: 0.006 min
Response: 754425
Conc: 68.05 ng/ml



#15 AR-1232-5

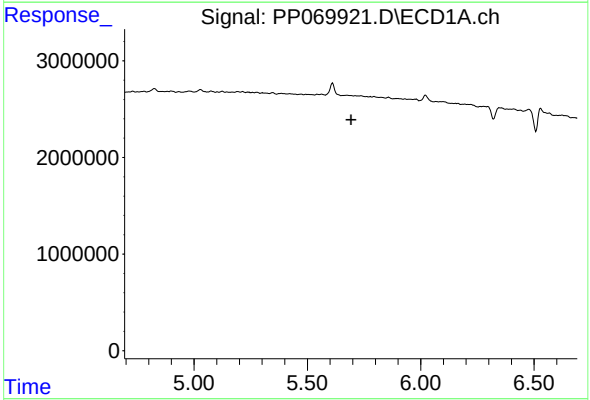
R.T.: 6.021 min
Delta R.T.: 0.061 min
Response: 888549
Conc: 77.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



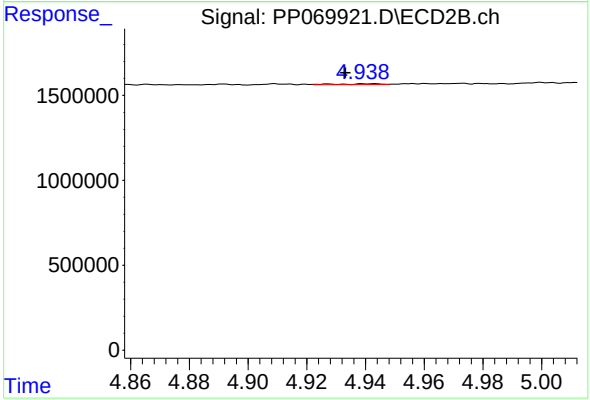
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 3466123
Conc: 283.87 ng/ml



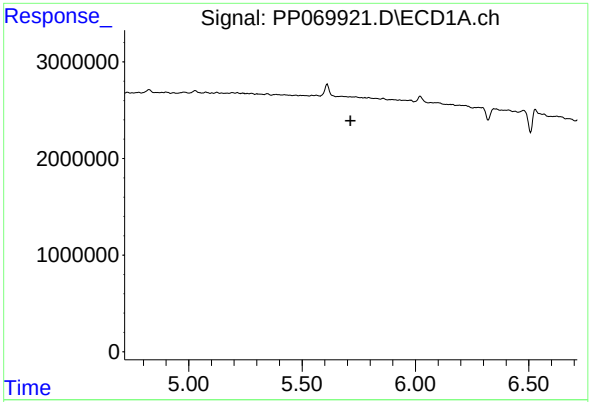
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

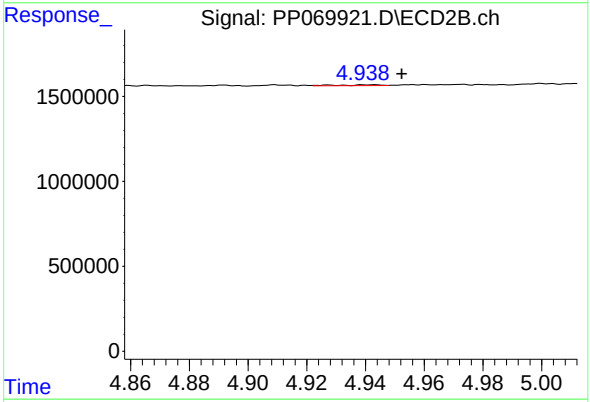
R.T.: 4.943 min
Delta R.T.: 0.010 min
Response: 47410
Conc: 1.64 ng/ml



#17 AR-1242-2

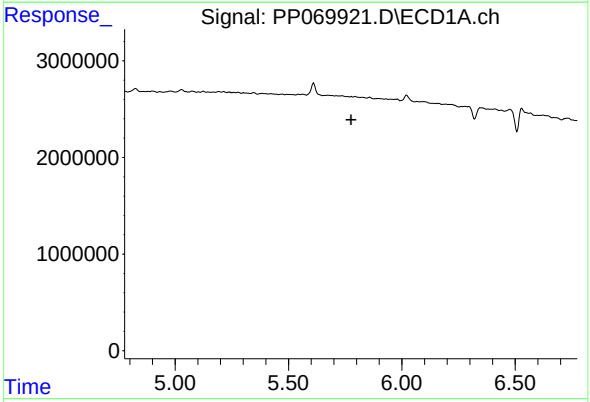
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



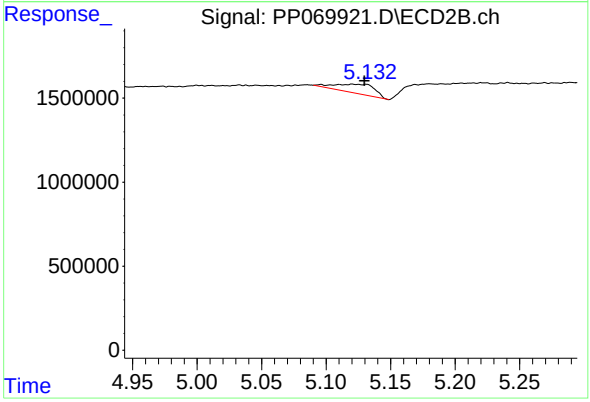
#17 AR-1242-2

R.T.: 4.943 min
Delta R.T.: -0.009 min
Response: 47410
Conc: 1.20 ng/ml



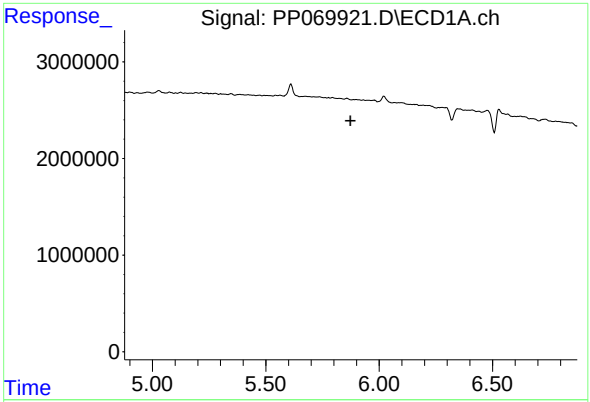
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

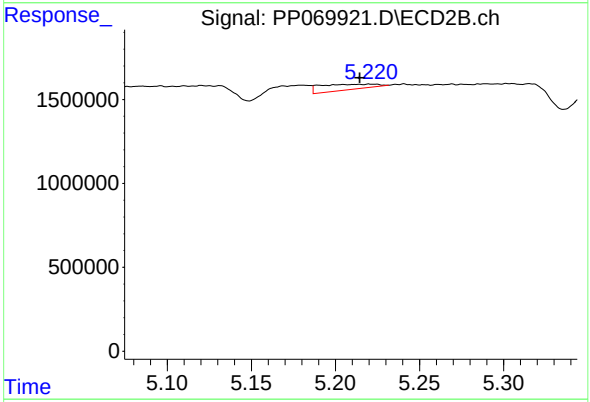
R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 1165675
Conc: 51.80 ng/ml



#19 AR-1242-4

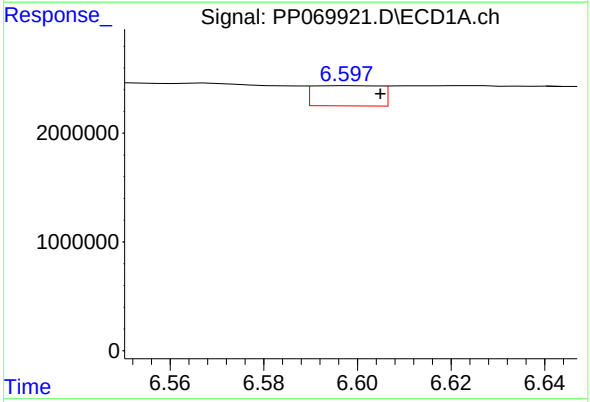
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



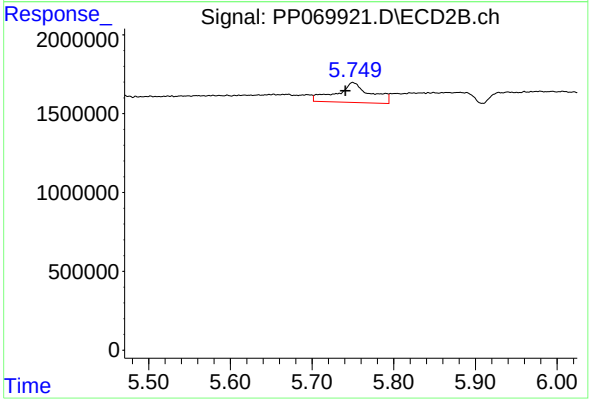
#19 AR-1242-4

R.T.: 5.221 min
Delta R.T.: 0.006 min
Response: 754425
Conc: 34.96 ng/ml



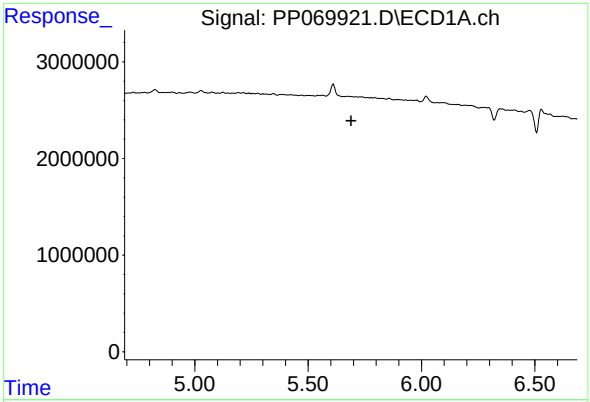
#20 AR-1242-5

R.T.: 6.599 min
Delta R.T.: -0.006 min
Response: 1848965
Conc: 56.74 ng/ml



#20 AR-1242-5

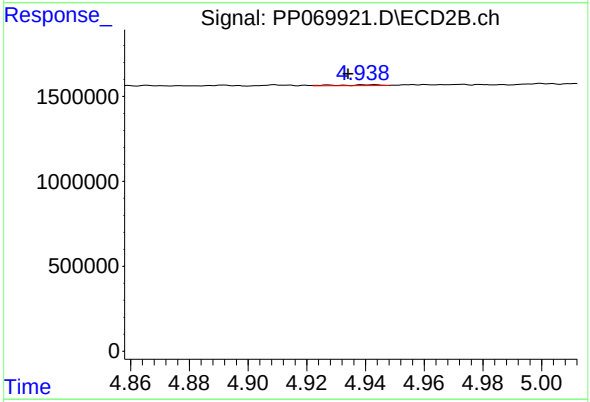
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 3716193
Conc: 129.18 ng/ml



#21 AR-1248-1

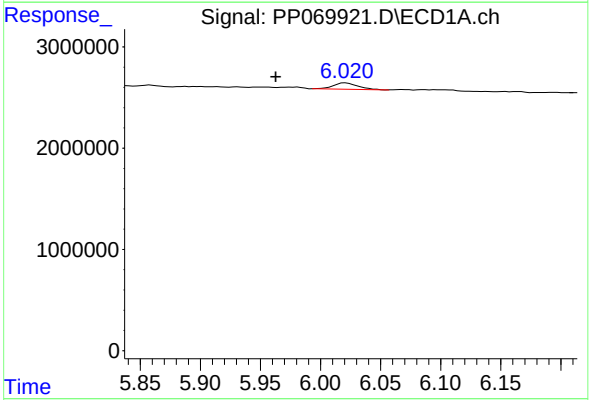
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



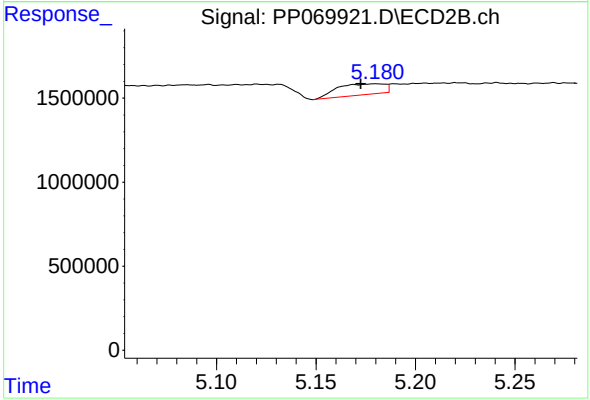
#21 AR-1248-1

R.T.: 4.943 min
Delta R.T.: 0.009 min
Response: 47410
Conc: 2.15 ng/ml



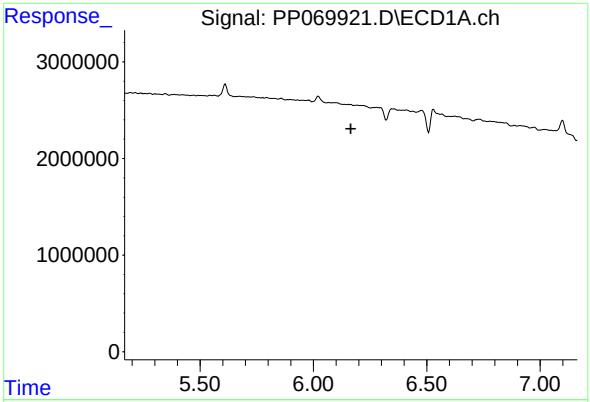
#22 AR-1248-2

R.T.: 6.021 min
Delta R.T.: 0.058 min
Response: 888549
Conc: 20.93 ng/ml



#22 AR-1248-2

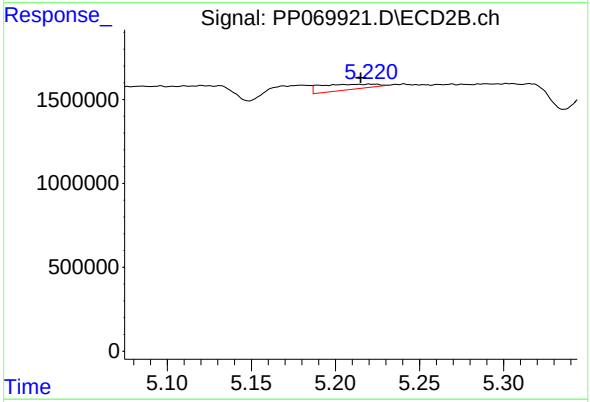
R.T.: 5.180 min
Delta R.T.: 0.008 min
Response: 1092557
Conc: 36.34 ng/ml



#23 AR-1248-3

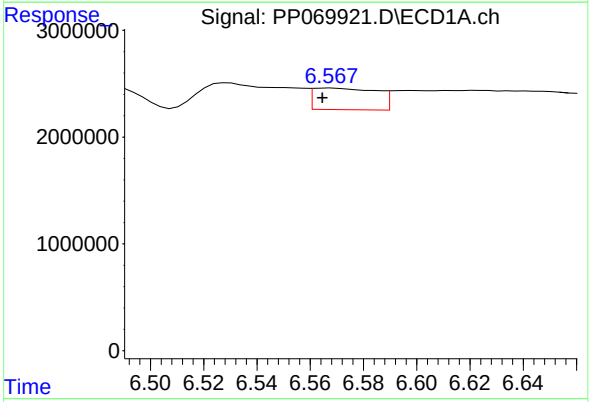
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



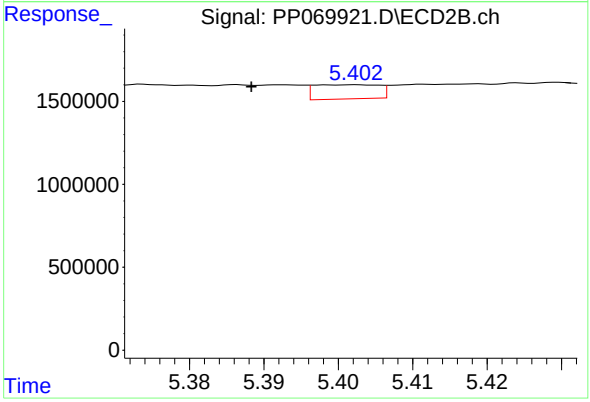
#23 AR-1248-3

R.T.: 5.221 min
Delta R.T.: 0.006 min
Response: 754425
Conc: 24.35 ng/ml



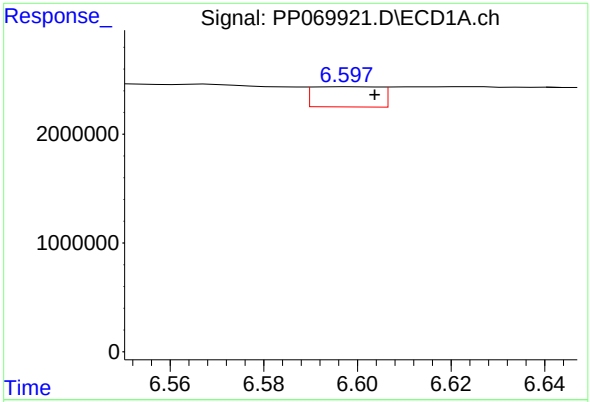
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: 0.003 min
Response: 3350356
Conc: 60.78 ng/ml



#24 AR-1248-4

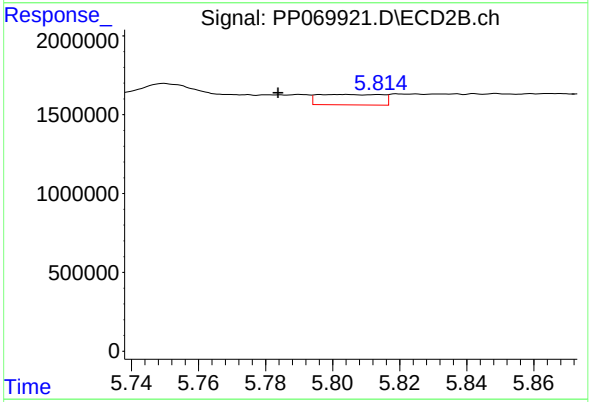
R.T.: 5.402 min
Delta R.T.: 0.014 min
Response: 518704
Conc: 14.04 ng/ml



#25 AR-1248-5

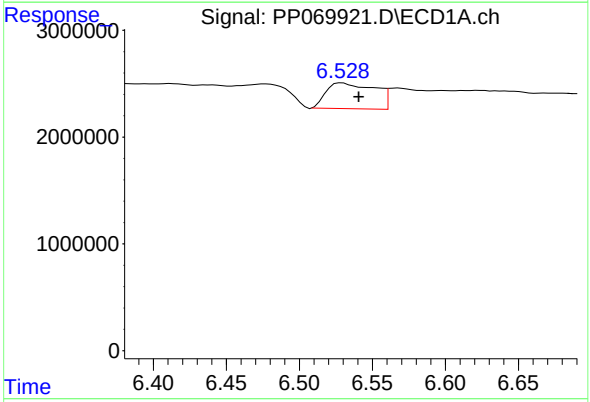
R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 1848965
Conc: 34.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



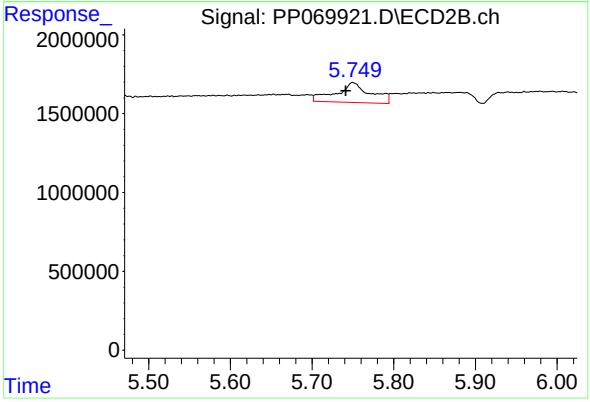
#25 AR-1248-5

R.T.: 5.804 min
Delta R.T.: 0.020 min
Response: 874773
Conc: 23.40 ng/ml



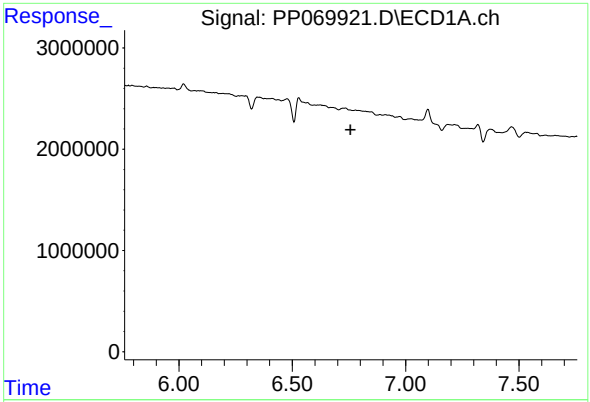
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 5582899
Conc: 96.48 ng/ml



#26 AR-1254-1

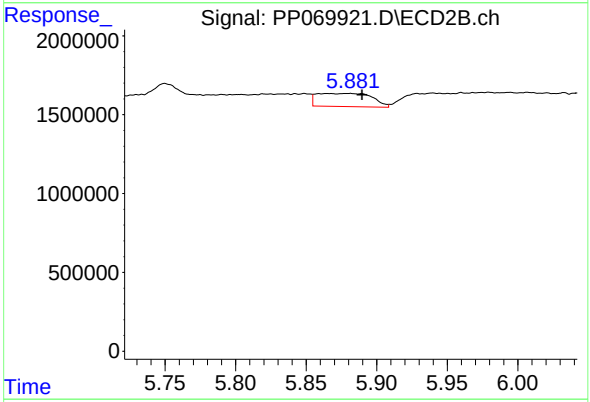
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 3716193
Conc: 67.50 ng/ml



#27 AR-1254-2

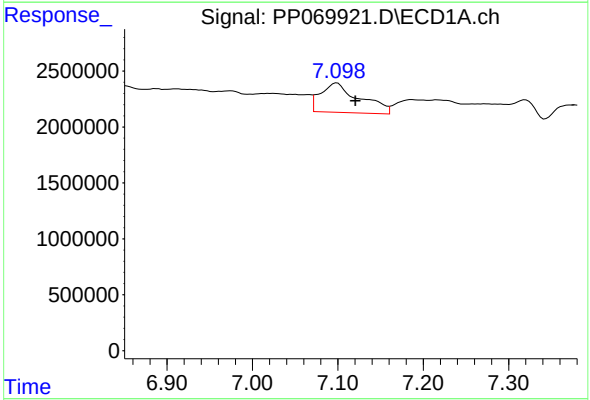
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



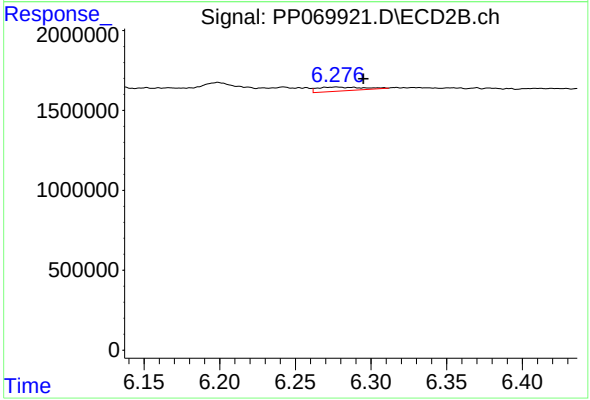
#27 AR-1254-2

R.T.: 5.880 min
Delta R.T.: -0.010 min
Response: 2268222
Conc: 46.89 ng/ml



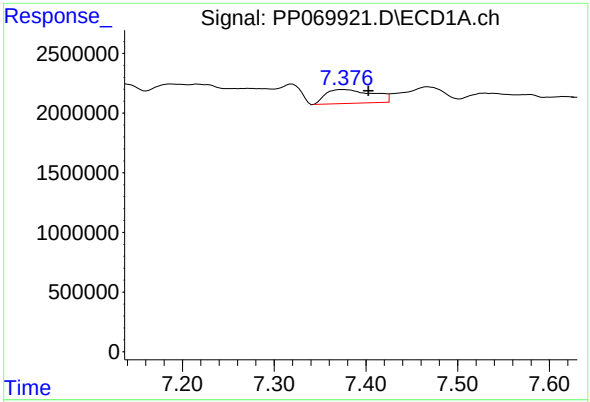
#28 AR-1254-3

R.T.: 7.099 min
Delta R.T.: -0.021 min
Response: 8442225
Conc: 100.16 ng/ml



#28 AR-1254-3

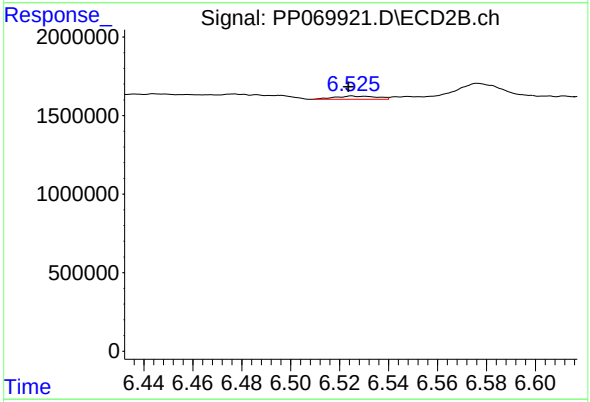
R.T.: 6.277 min
Delta R.T.: -0.018 min
Response: 515701
Conc: 6.79 ng/ml



#29 AR-1254-4

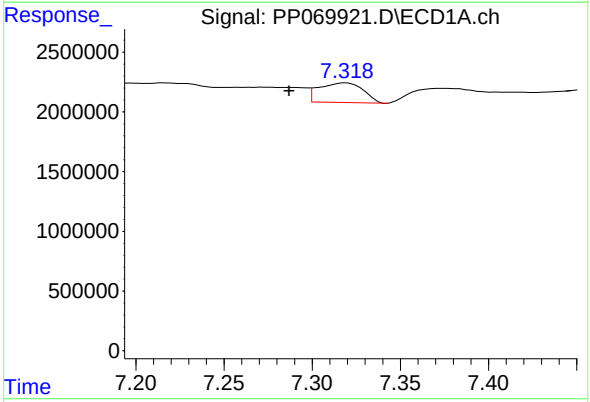
R.T.: 7.377 min
Delta R.T.: -0.026 min
Response: 4138200
Conc: 60.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



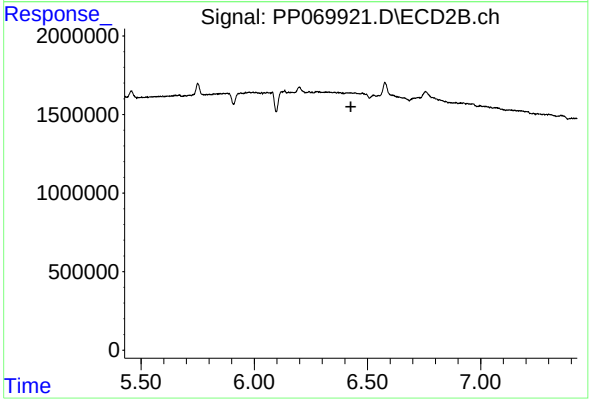
#29 AR-1254-4

R.T.: 6.527 min
Delta R.T.: 0.003 min
Response: 250541
Conc: 4.89 ng/ml



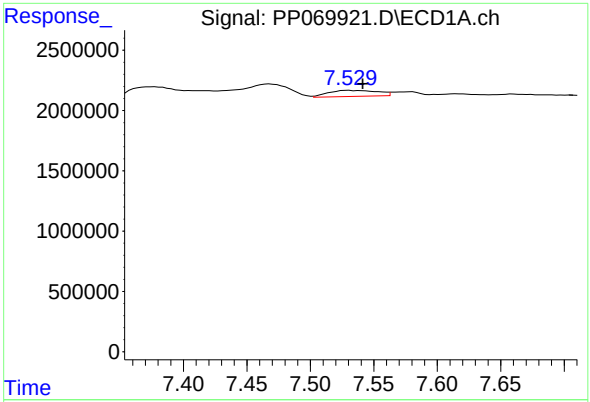
#31 AR-1260-1

R.T.: 7.319 min
Delta R.T.: 0.033 min
Response: 2912884
Conc: 49.85 ng/ml



#31 AR-1260-1

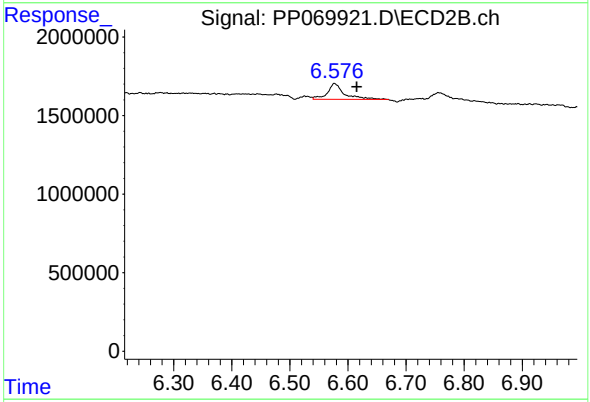
R.T.: 0.000 min
Exp R.T. : 6.426 min
Response: 0
Conc: N.D.



#32 AR-1260-2

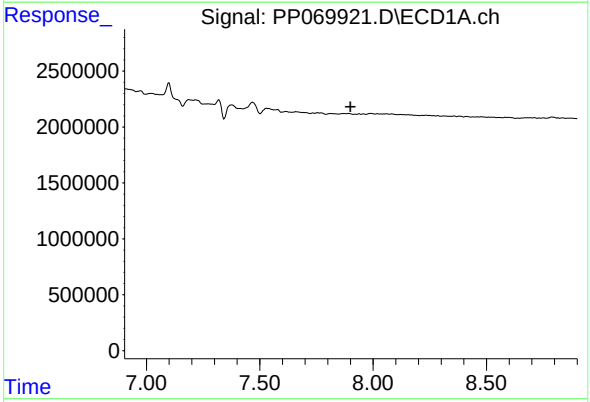
R.T.: 7.530 min
Delta R.T.: -0.011 min
Response: 1345203
Conc: 17.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



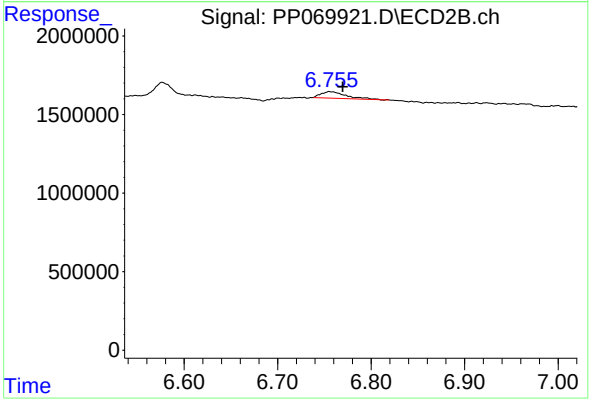
#32 AR-1260-2

R.T.: 6.577 min
Delta R.T.: -0.038 min
Response: 2061780
Conc: 33.63 ng/ml



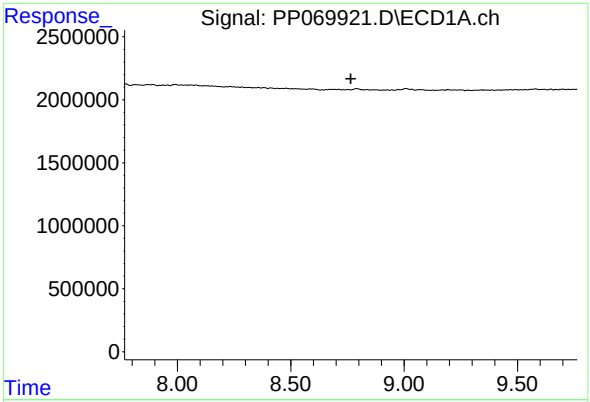
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

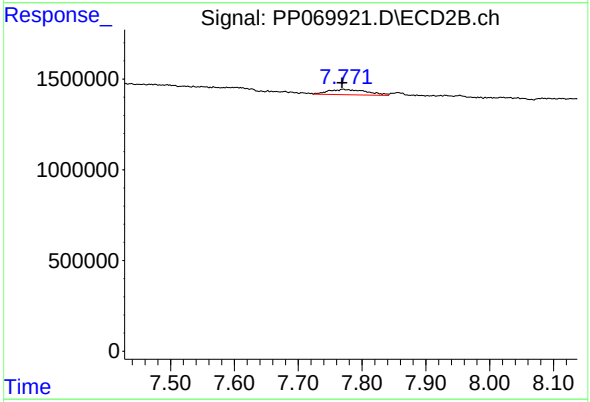
R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 760002
Conc: 12.63 ng/ml



#38 AR-1262-3

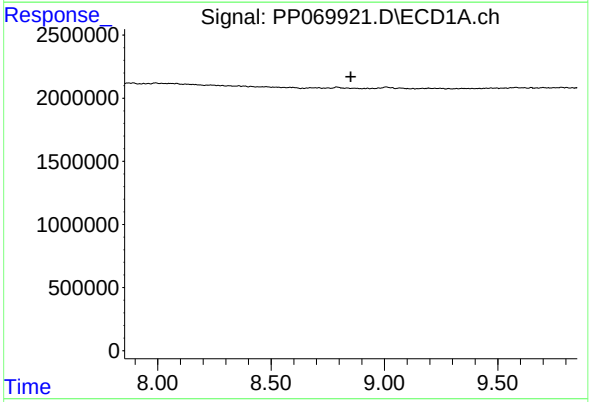
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



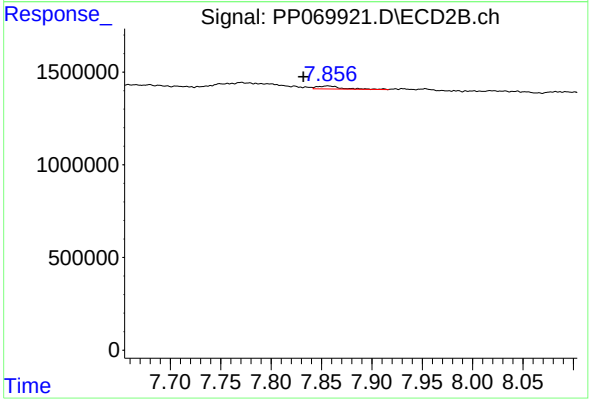
#38 AR-1262-3

R.T.: 7.771 min
Delta R.T.: 0.002 min
Response: 1207347
Conc: 23.09 ng/ml



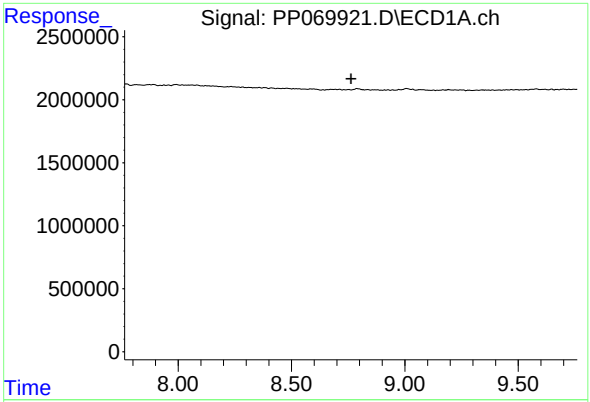
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

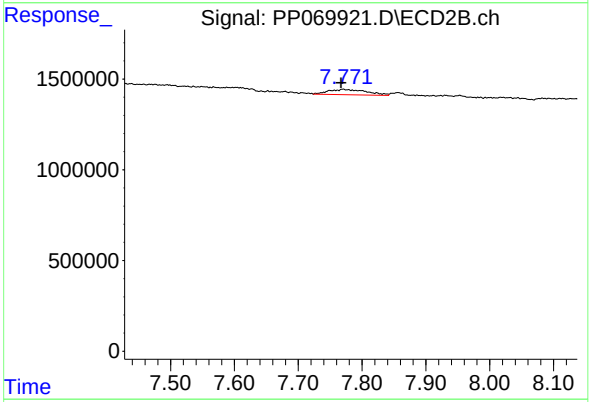
R.T.: 7.856 min
Delta R.T.: 0.024 min
Response: 257429
Conc: 2.78 ng/ml



#41 AR-1268-1

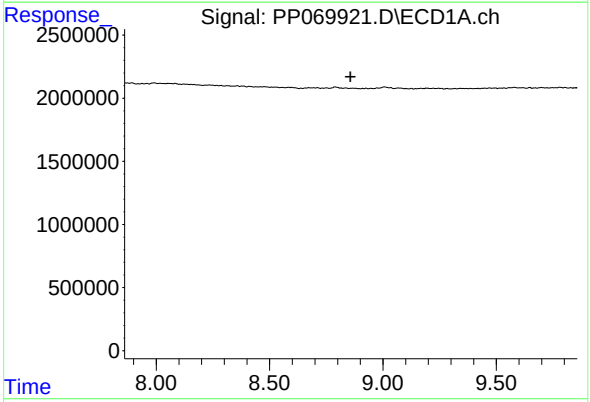
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



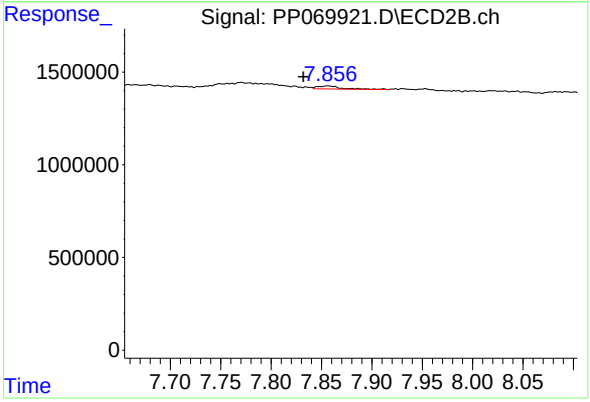
#41 AR-1268-1

R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 1207347
Conc: 8.32 ng/ml



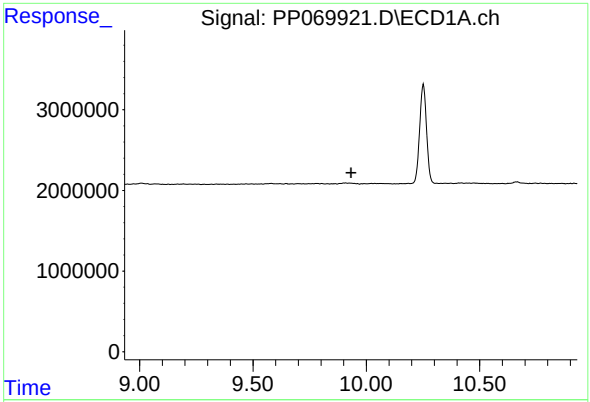
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

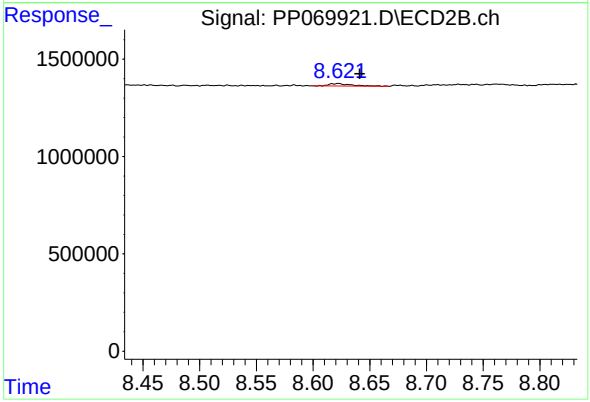
R.T.: 7.856 min
Delta R.T.: 0.024 min
Response: 257429
Conc: 1.94 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 159172
Conc: 0.45 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:29
Operator : YP\AJ
Sample : Q1382-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:53:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	32842419	19362513	22.943	21.694	
2)	SA Decachlor...	10.253	8.888	21547045	23047245	19.716	20.606	
	Target Compounds							
3)	L1 AR-1016-1	5.700	4.938	31031839	18957759	669.757	581.258	
4)	L1 AR-1016-2	5.700	4.938	31031839	18957759	457.176	421.673	
5)	L1 AR-1016-3	5.762	5.115	18501299	10714317	434.337	430.571	
6)	L1 AR-1016-4	5.859	5.157	16045459	8598289	458.436	425.736	
7)	L1 AR-1016-5	6.153	5.373	12481581	10999445	377.560	410.061	
8)	L2 AR-1221-1	4.724	4.045	2697907	2435168	141.850	197.691	#
9)	L2 AR-1221-2	4.813	4.126	2620502	2995540	191.382	309.349	#
10)	L2 AR-1221-3	4.887	4.204	11260415	7763568	268.467	266.111	
11)	L3 AR-1232-1	4.887	4.204	11260415	7763568	338.215	330.653	
12)	L3 AR-1232-2	5.413	4.938	14685113	18957759	898.611	804.257	
13)	L3 AR-1232-3	5.700	5.115	31031839	10714317	903.166	827.536	
14)	L3 AR-1232-4	5.859	5.200	16045459	10253228	900.611	924.855	
15)	L3 AR-1232-5	5.950	5.373	13183884	10999445	1150.184	900.832	
16)	L4 AR-1242-1	5.700	4.938	31031839	18957759	744.075	657.524	
17)	L4 AR-1242-2	5.700	4.938	31031839	18957759	526.044	481.189	
18)	L4 AR-1242-3	5.762	5.115	18501299	10714317	498.706	476.105	
19)	L4 AR-1242-4	5.859	5.200	16045459	10253228	489.270	475.077	
20)	L4 AR-1242-5	6.590	5.726	3572995	9532786	109.654	331.363	#
21)	L5 AR-1248-1	5.700	4.938	31031839	18957759	956.620	861.303	
22)	L5 AR-1248-2	5.950	5.157	13183884	8598289	310.601	285.994	
23)	L5 AR-1248-3	6.153	5.200	12481581	10253228	265.638	330.917	
24)	L5 AR-1248-4	6.590	5.373	3572995	10999445	64.821	297.735	#
25)	L5 AR-1248-5	6.590	5.767	3572995	1674073	66.930	44.774	#
26)	L6 AR-1254-1	6.528	5.726	15292731	9532786	264.289	173.148	#
27)	L6 AR-1254-2	6.743	5.874	13545309	9349294	168.806	193.292	
28)	L6 AR-1254-3	7.107	6.295	7175054	20847615	85.125	274.686	#
29)	L6 AR-1254-4	7.391	6.538	4665944	5848522	68.428	114.118	#
30)	L6 AR-1254-5	7.805	6.926	36478796	28516446	536.089	428.429	
31)	L7 AR-1260-1	7.272	6.410	24628615	21297328	421.461	441.583	
32)	L7 AR-1260-2	7.526	6.598	32176412	27340226	413.510	445.980	
33)	L7 AR-1260-3	7.885	6.752	21891119	15990285	350.150	265.812	
34)	L7 AR-1260-4	8.109	7.225	27544989	17720548	417.495	381.352	
35)	L7 AR-1260-5	8.429	7.466	47460590	43506199	362.500	391.436	
36)	L8 AR-1262-1	8.109	6.965	27544989	20367254	348.590	286.809	
37)	L8 AR-1262-2	8.429	7.225	47460590	17720548	310.356	290.599	
38)	L8 AR-1262-3	8.754	7.750	29982316	9728923	282.107	186.024	#
39)	L8 AR-1262-4	8.816f	7.812	16983520	30796728	207.640	333.166	#
40)	L8 AR-1262-5	9.490	8.316	11823828	10638151	208.864	222.592	
41)	L9 AR-1268-1	8.754	7.750	29982316	9728923	169.796	67.040	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:29
Operator : YP\AJ
Sample : Q1382-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:53:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.816f	7.812	16983520	30796728	107.920	231.876 #
43) L9	AR-1268-3	9.070	8.021	910645	799361	6.810	7.028
44) L9	AR-1268-4	9.490	8.316	11823828	10638151	201.357	204.273
45) L9	AR-1268-5	9.909	8.620	3708275	3317924	9.736	9.315

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

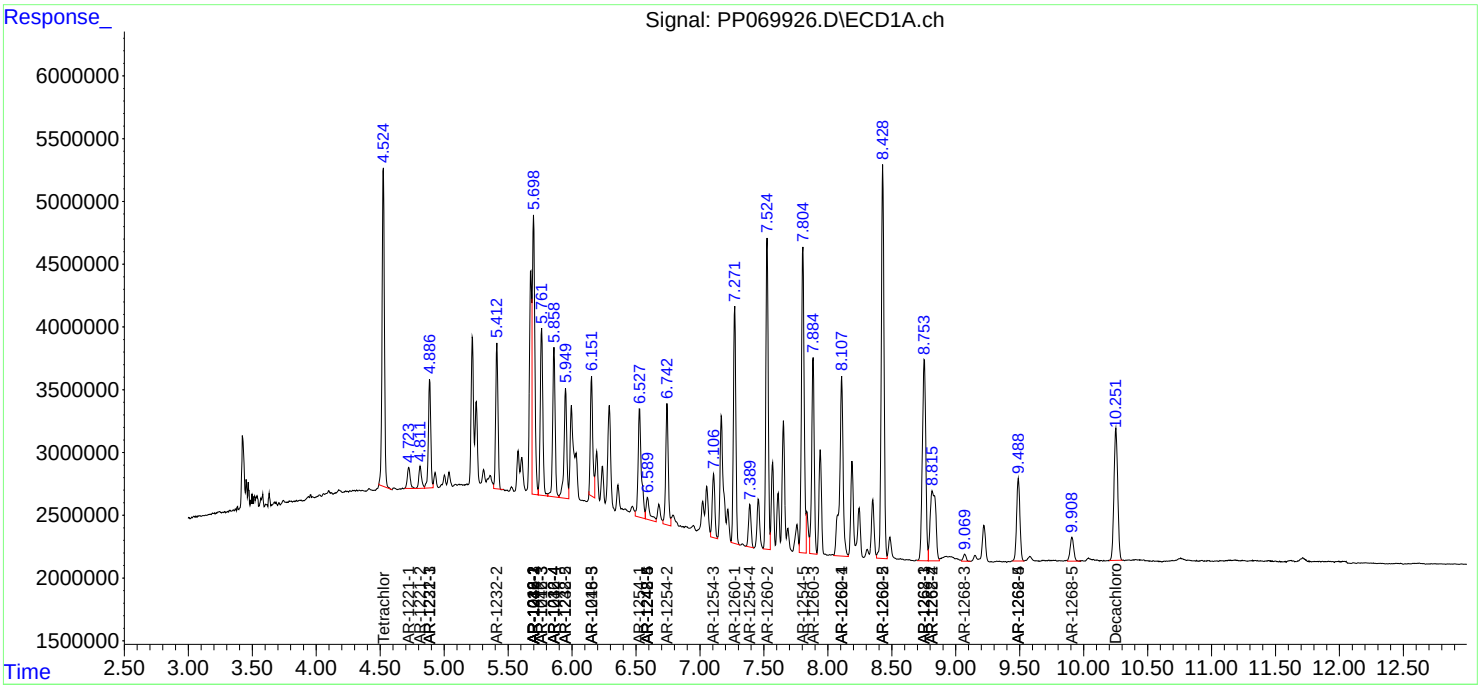
Quantitation Report (Not Reviewed)

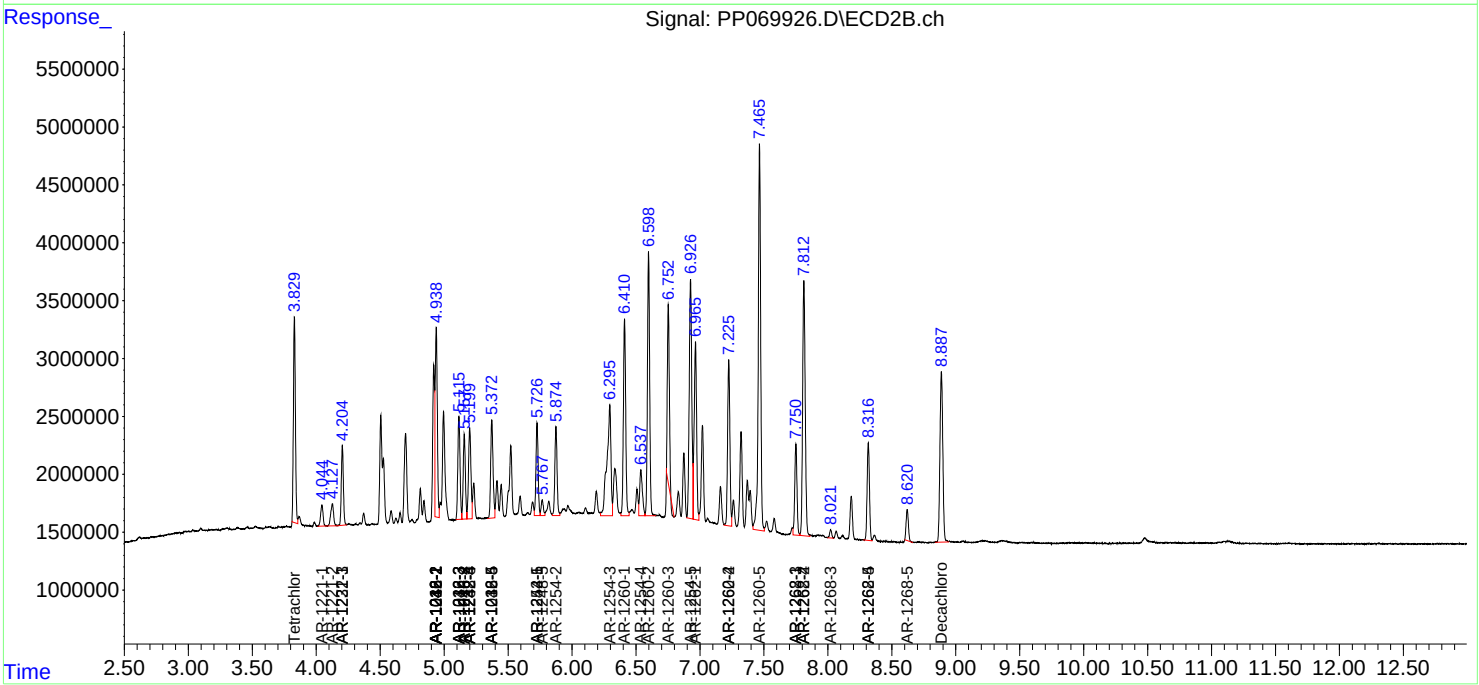
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069926.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:29
Operator : YP\AJ
Sample : Q1382-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

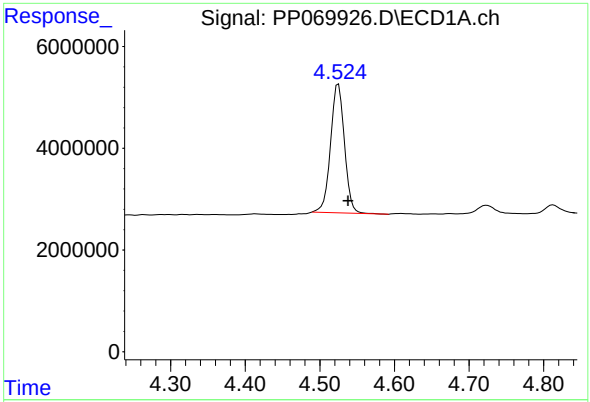
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:53:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



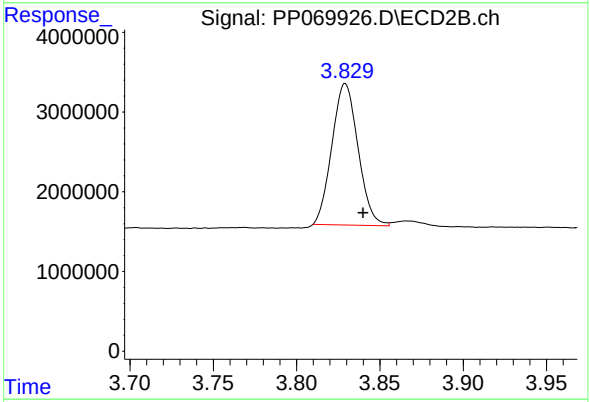




#1 Tetrachloro-m-xylene

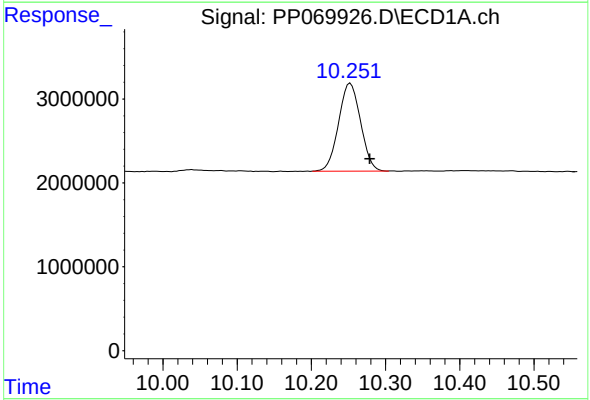
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 32842419
Conc: 22.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



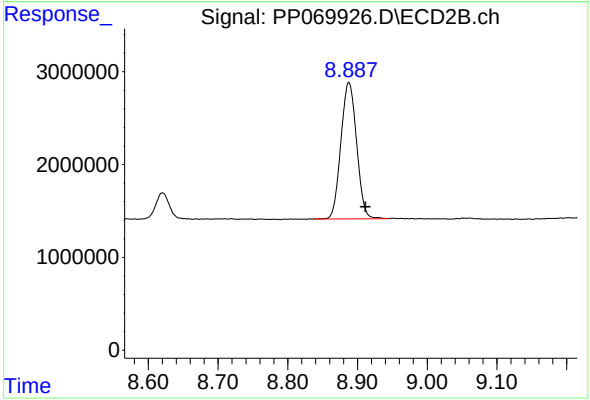
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 19362513
Conc: 21.69 ng/ml



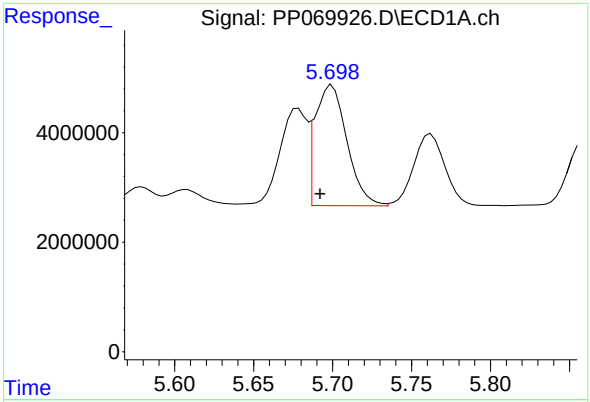
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 21547045
Conc: 19.72 ng/ml



#2 Decachlorobiphenyl

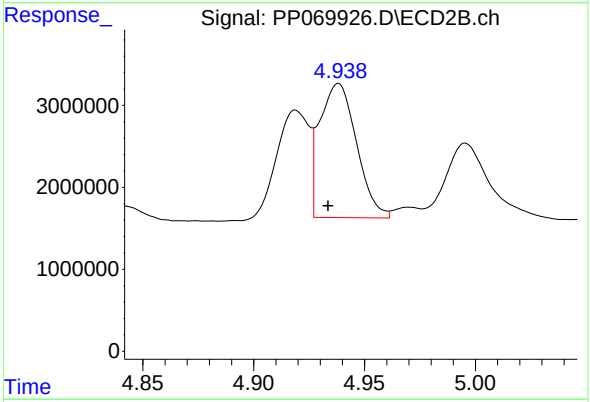
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 23047245
Conc: 20.61 ng/ml



#3 AR-1016-1

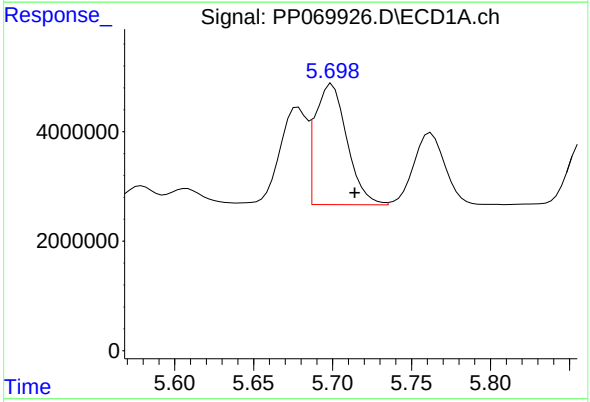
R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 31031839
Conc: 669.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



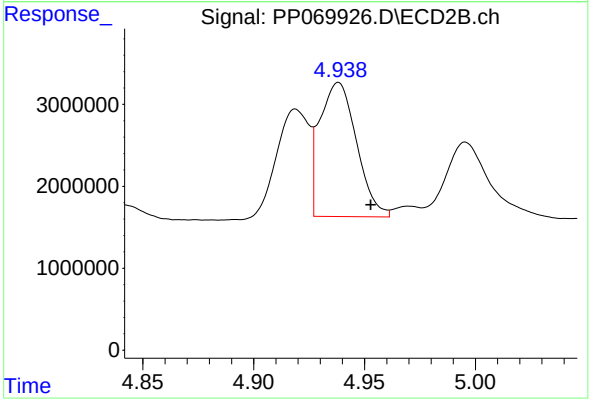
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 18957759
Conc: 581.26 ng/ml



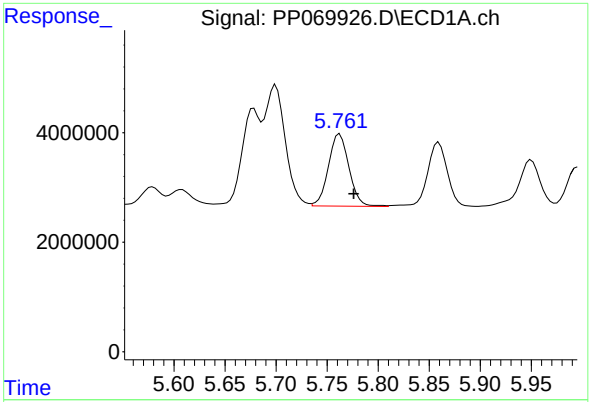
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 31031839
Conc: 457.18 ng/ml



#4 AR-1016-2

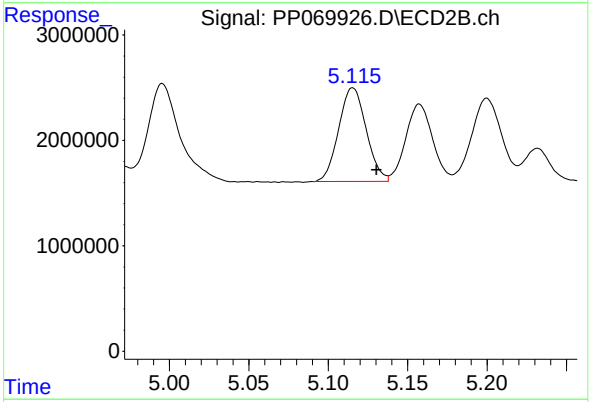
R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 18957759
Conc: 421.67 ng/ml



#5 AR-1016-3

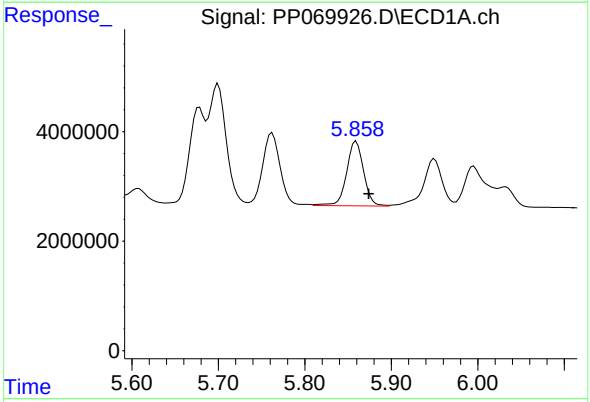
R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 18501299
Conc: 434.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



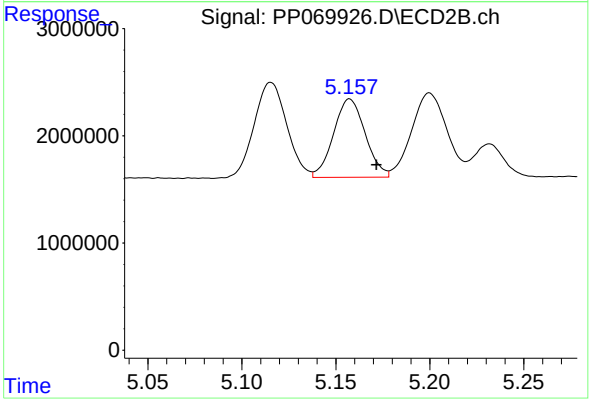
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 10714317
Conc: 430.57 ng/ml



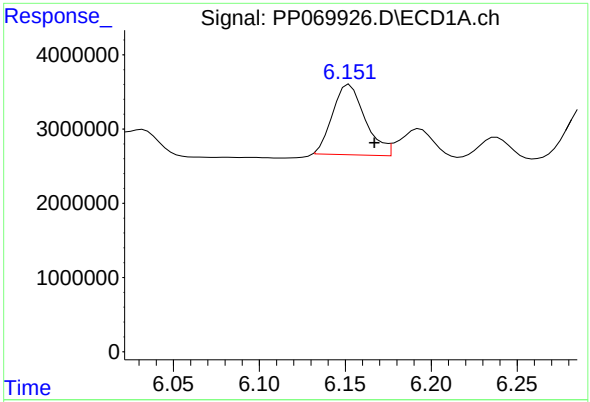
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 16045459
Conc: 458.44 ng/ml



#6 AR-1016-4

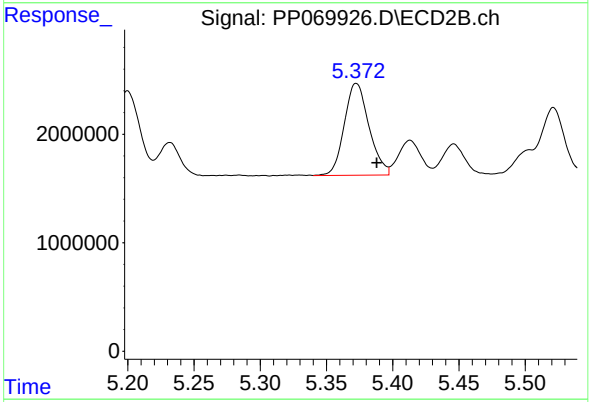
R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 8598289
Conc: 425.74 ng/ml



#7 AR-1016-5

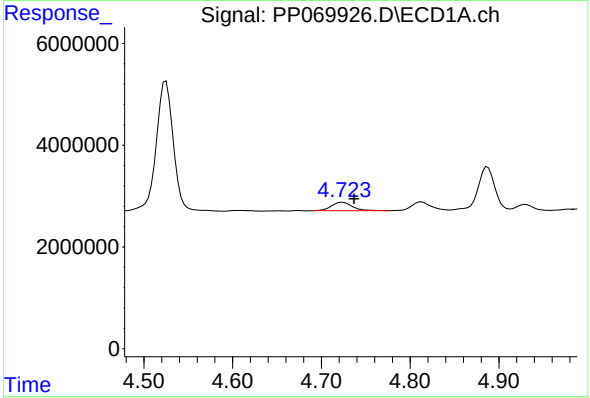
R.T.: 6.153 min
Delta R.T.: -0.015 min
Response: 12481581
Conc: 377.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



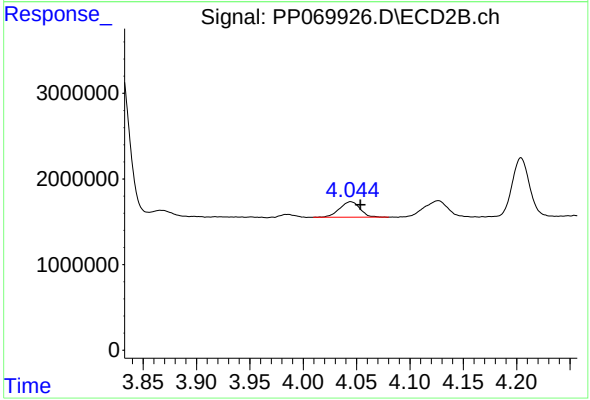
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 10999445
Conc: 410.06 ng/ml



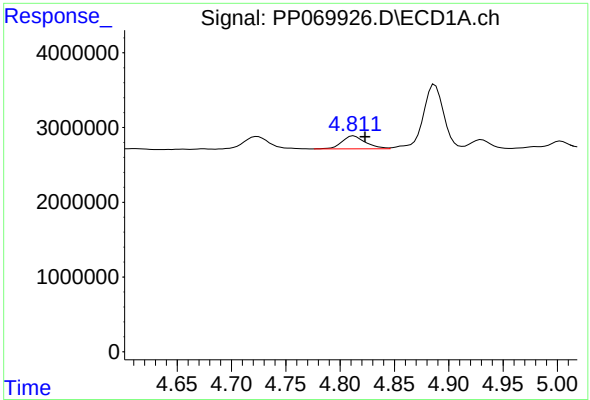
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.013 min
Response: 2697907
Conc: 141.85 ng/ml



#8 AR-1221-1

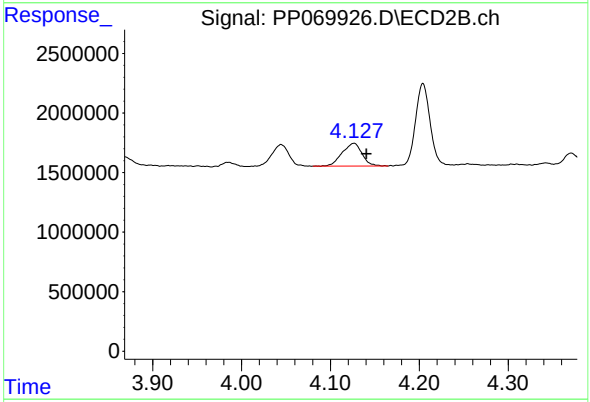
R.T.: 4.045 min
Delta R.T.: -0.009 min
Response: 2435168
Conc: 197.69 ng/ml



#9 AR-1221-2

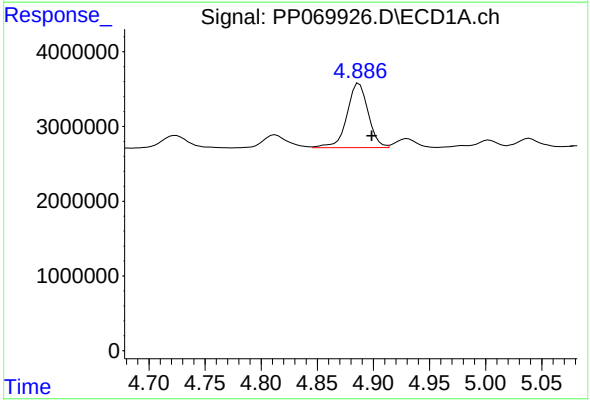
R.T.: 4.813 min
Delta R.T.: -0.010 min
Response: 2620502
Conc: 191.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



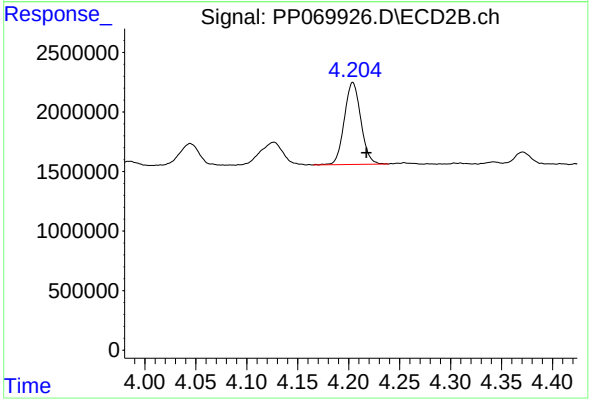
#9 AR-1221-2

R.T.: 4.126 min
Delta R.T.: -0.014 min
Response: 2995540
Conc: 309.35 ng/ml



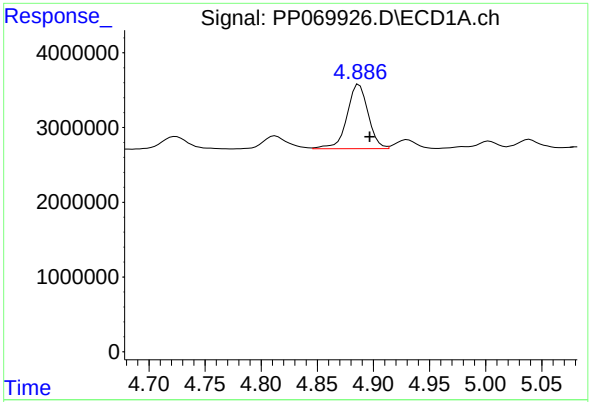
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.011 min
Response: 11260415
Conc: 268.47 ng/ml



#10 AR-1221-3

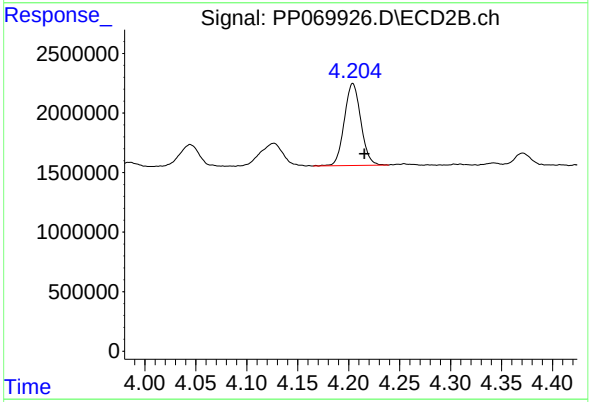
R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 7763568
Conc: 266.11 ng/ml



#11 AR-1232-1

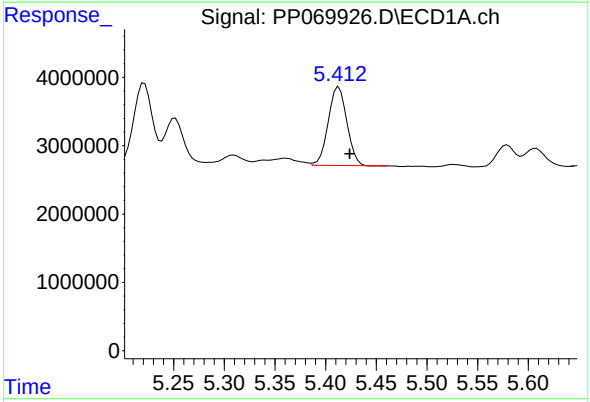
R.T.: 4.887 min
Delta R.T.: -0.009 min
Response: 11260415
Conc: 338.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



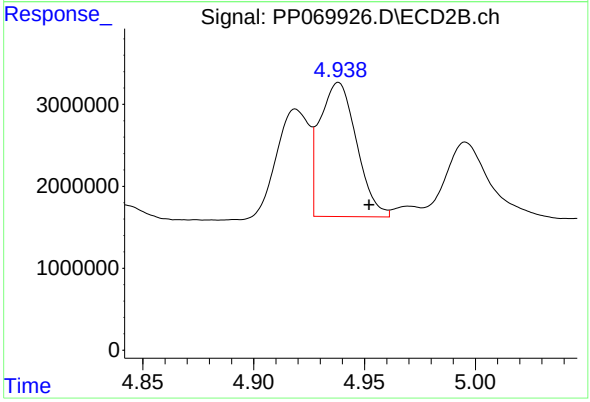
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 7763568
Conc: 330.65 ng/ml



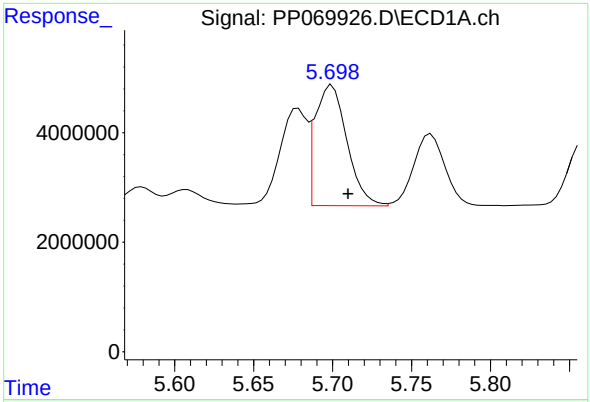
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.011 min
Response: 14685113
Conc: 898.61 ng/ml



#12 AR-1232-2

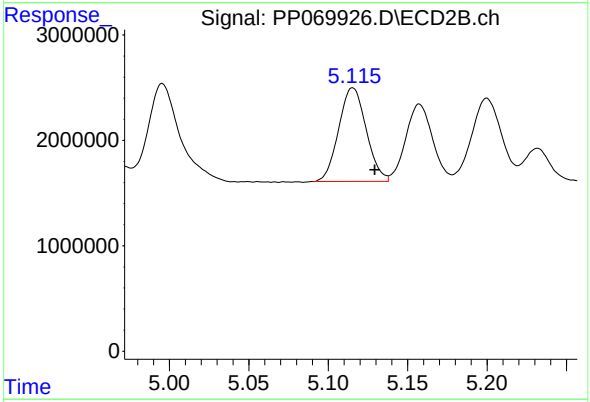
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 18957759
Conc: 804.26 ng/ml



#13 AR-1232-3

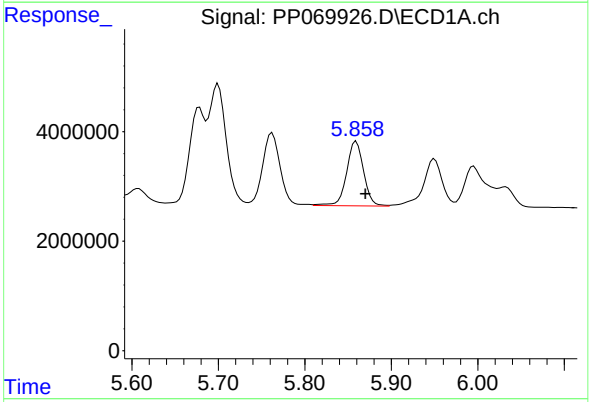
R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 31031839
Conc: 903.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



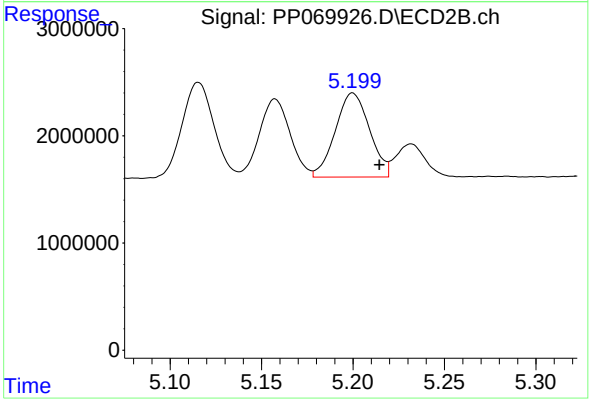
#13 AR-1232-3

R.T.: 5.115 min
Delta R.T.: -0.014 min
Response: 10714317
Conc: 827.54 ng/ml



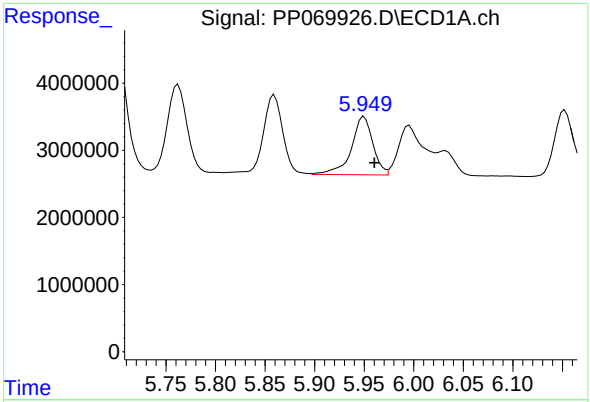
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.011 min
Response: 16045459
Conc: 900.61 ng/ml



#14 AR-1232-4

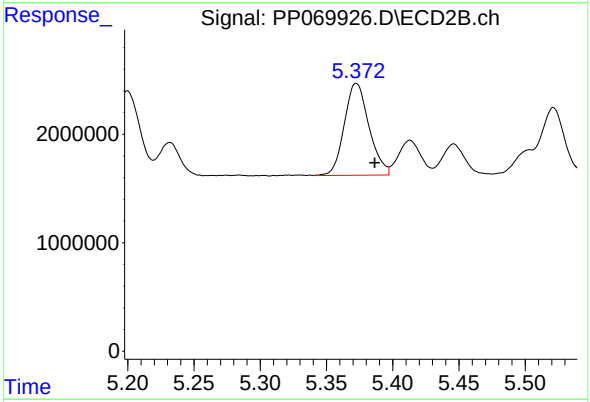
R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 10253228
Conc: 924.85 ng/ml



#15 AR-1232-5

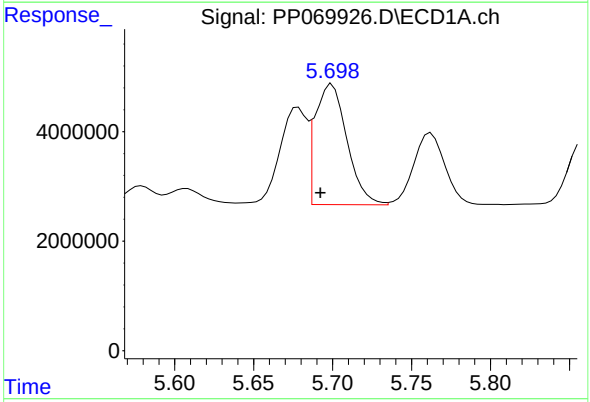
R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 13183884
Conc: 1150.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



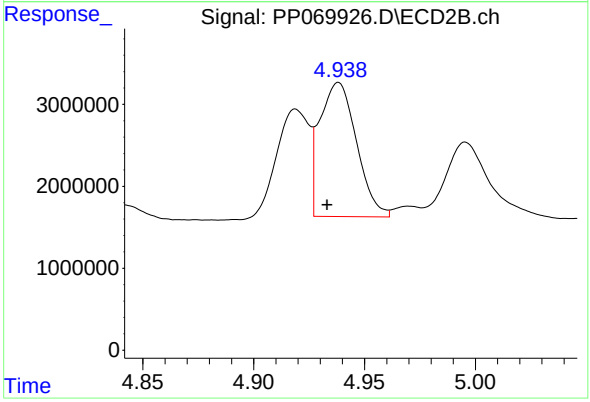
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 10999445
Conc: 900.83 ng/ml



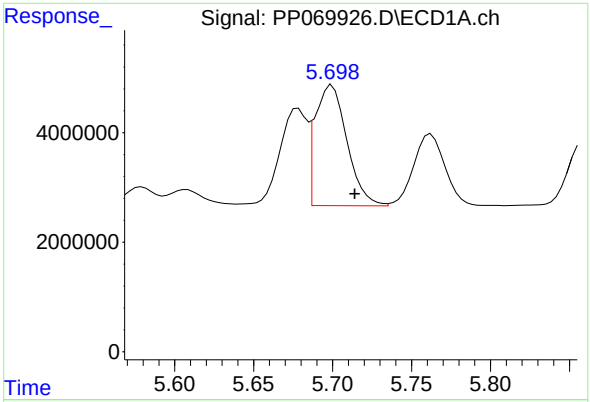
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.007 min
Response: 31031839
Conc: 744.07 ng/ml



#16 AR-1242-1

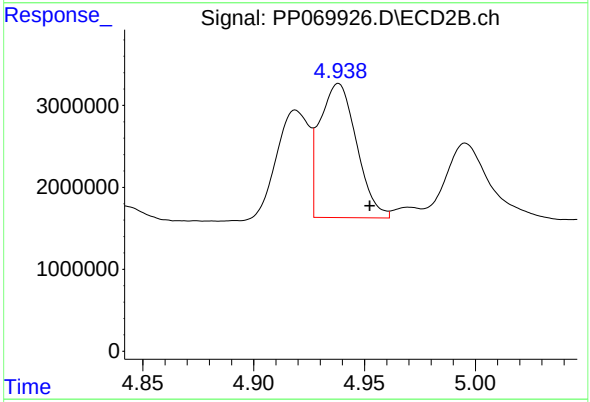
R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 18957759
Conc: 657.52 ng/ml



#17 AR-1242-2

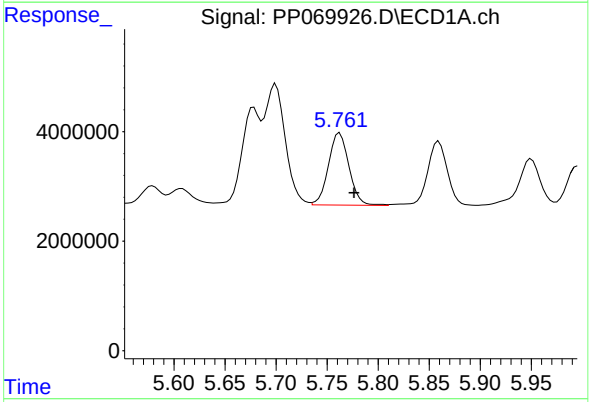
R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 31031839
Conc: 526.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



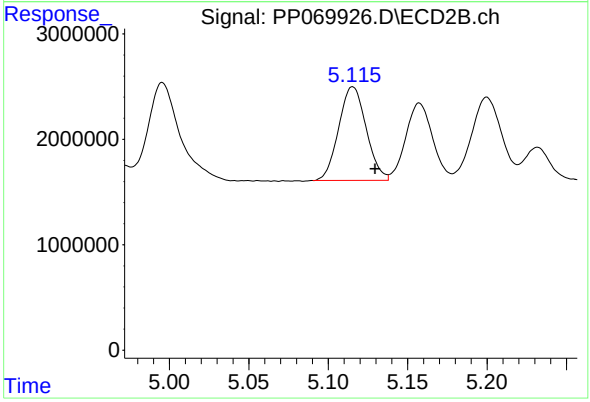
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 18957759
Conc: 481.19 ng/ml



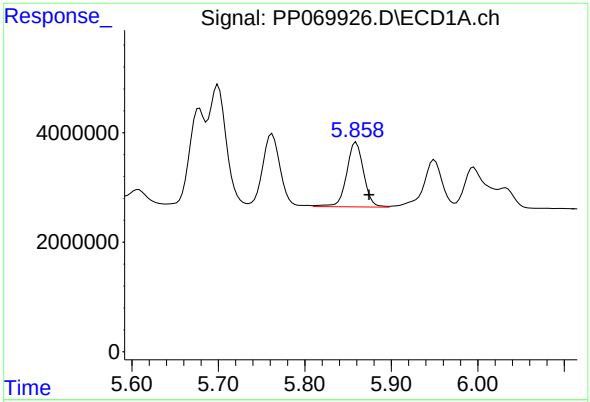
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 18501299
Conc: 498.71 ng/ml



#18 AR-1242-3

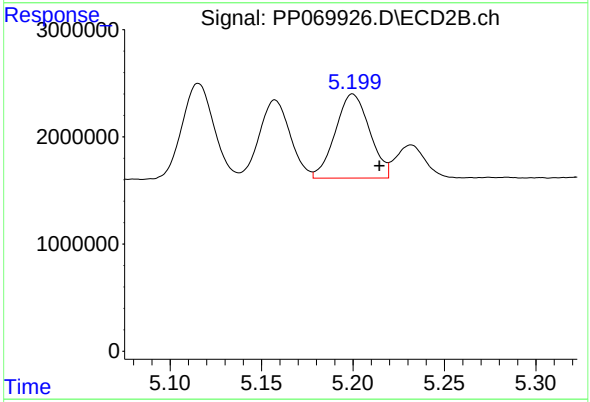
R.T.: 5.115 min
Delta R.T.: -0.014 min
Response: 10714317
Conc: 476.11 ng/ml



#19 AR-1242-4

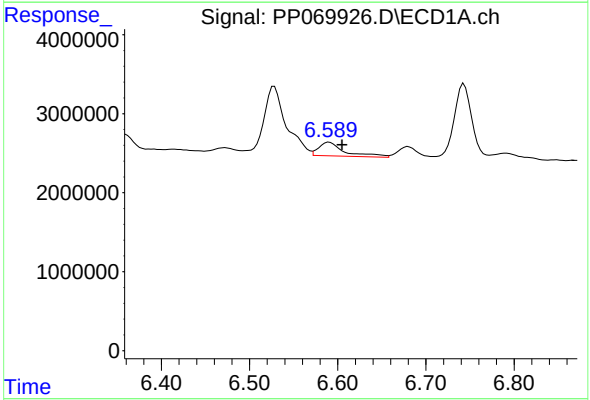
R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 16045459
Conc: 489.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



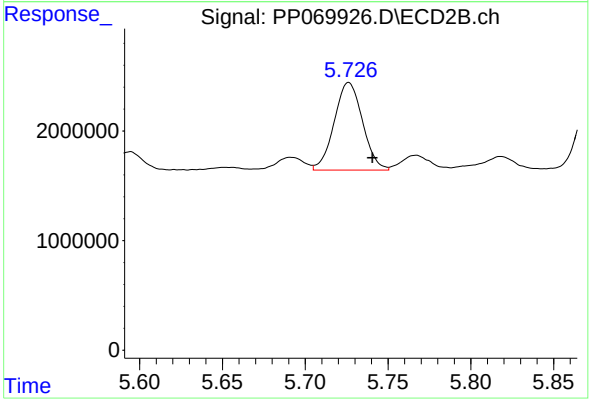
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 10253228
Conc: 475.08 ng/ml



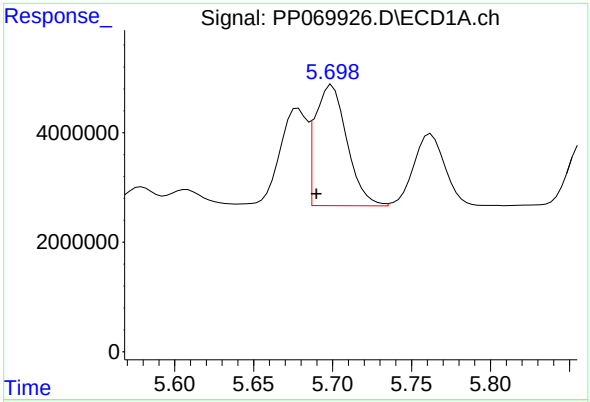
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.015 min
Response: 3572995
Conc: 109.65 ng/ml



#20 AR-1242-5

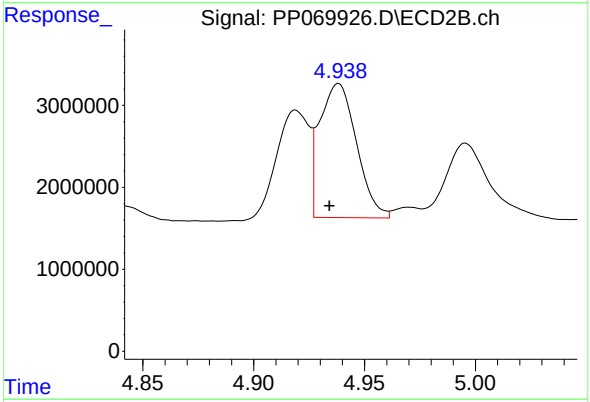
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 9532786
Conc: 331.36 ng/ml



#21 AR-1248-1

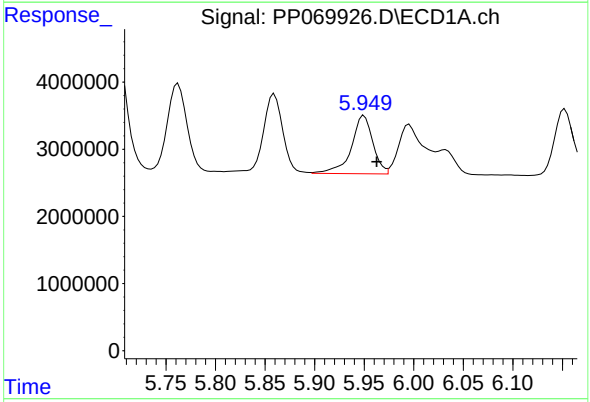
R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 31031839
Conc: 956.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



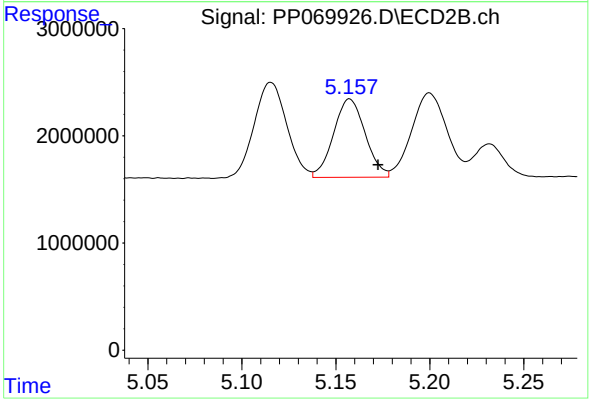
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 18957759
Conc: 861.30 ng/ml



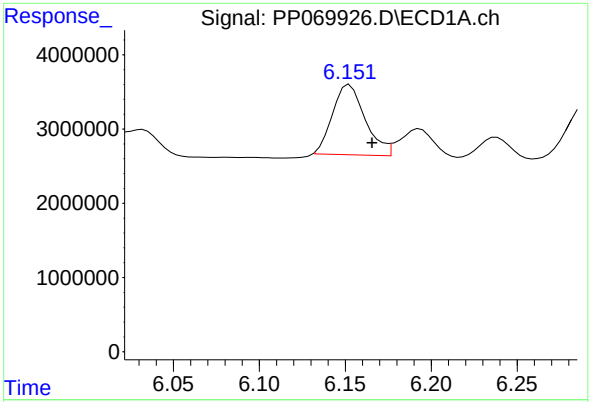
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 13183884
Conc: 310.60 ng/ml



#22 AR-1248-2

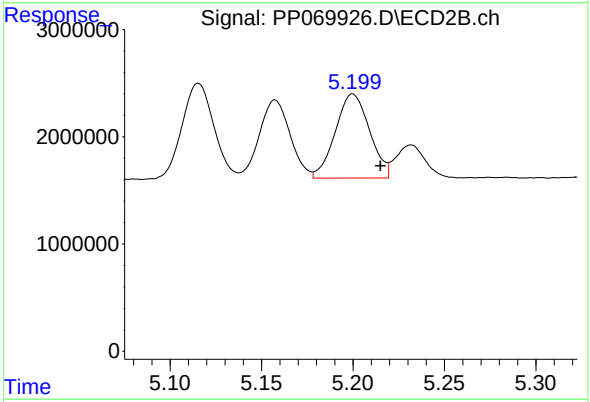
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 8598289
Conc: 285.99 ng/ml



#23 AR-1248-3

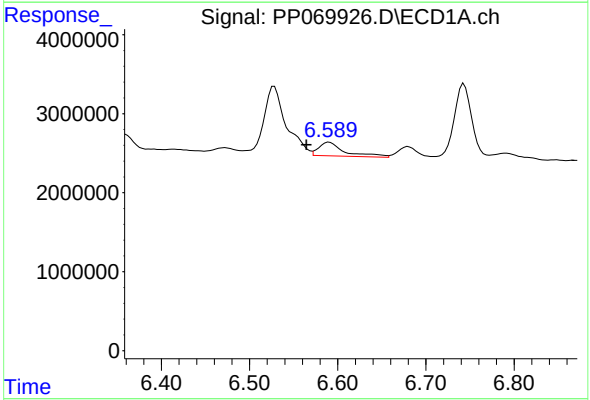
R.T.: 6.153 min
Delta R.T.: -0.013 min
Response: 12481581
Conc: 265.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



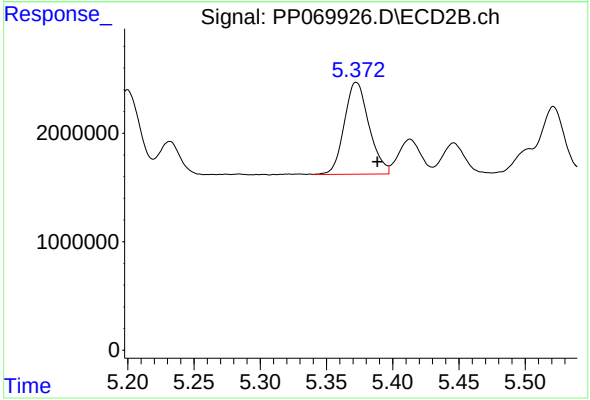
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 10253228
Conc: 330.92 ng/ml



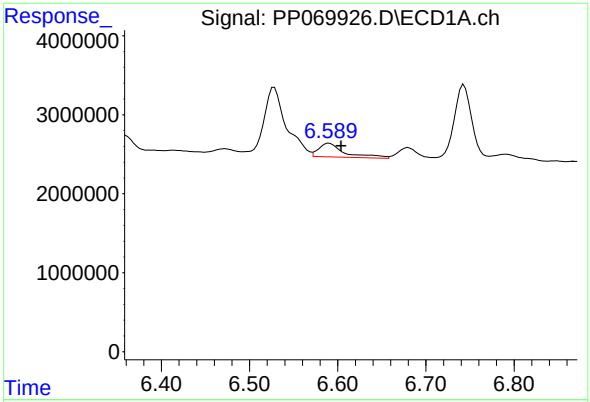
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: 0.026 min
Response: 3572995
Conc: 64.82 ng/ml



#24 AR-1248-4

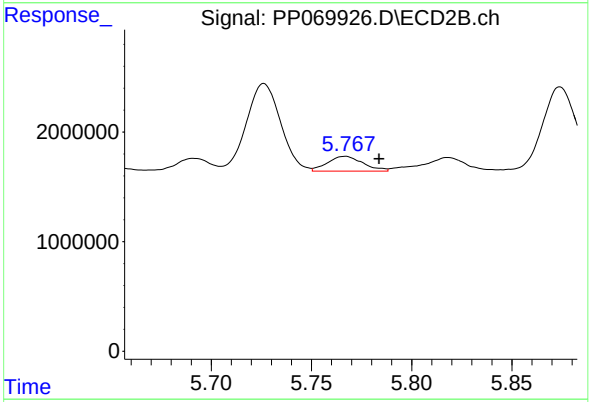
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 10999445
Conc: 297.74 ng/ml



#25 AR-1248-5

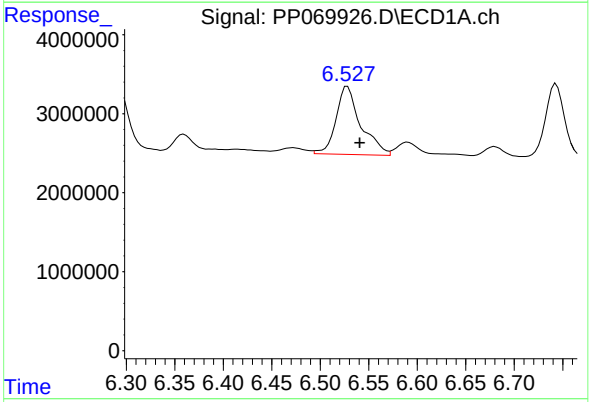
R.T.: 6.590 min
Delta R.T.: -0.013 min
Response: 3572995
Conc: 66.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



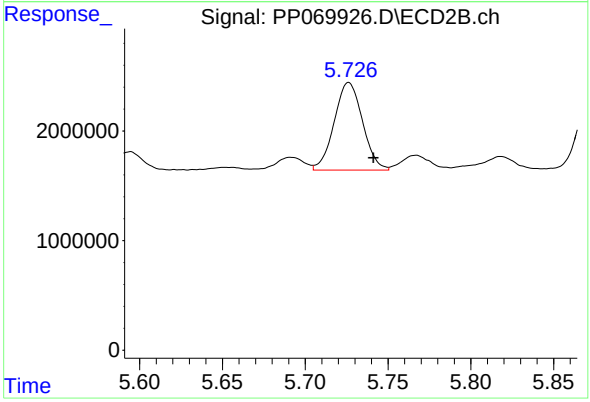
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 1674073
Conc: 44.77 ng/ml



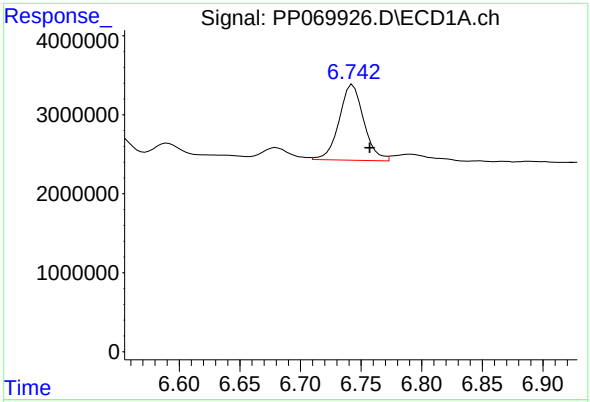
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.013 min
Response: 15292731
Conc: 264.29 ng/ml



#26 AR-1254-1

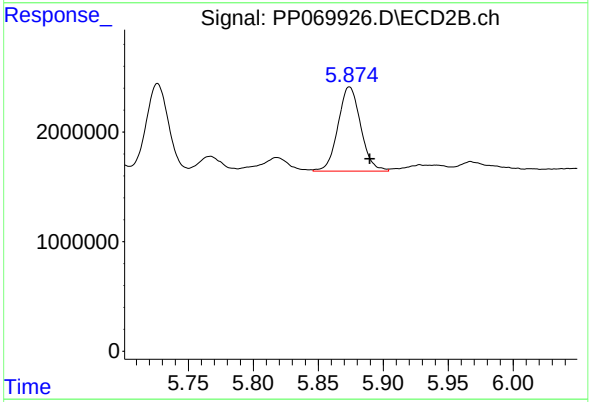
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 9532786
Conc: 173.15 ng/ml



#27 AR-1254-2

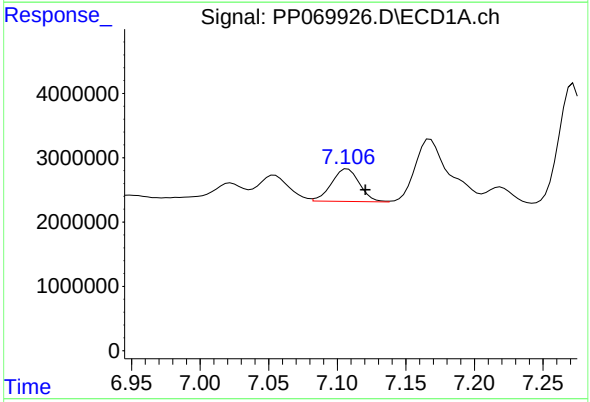
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 13545309
Conc: 168.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



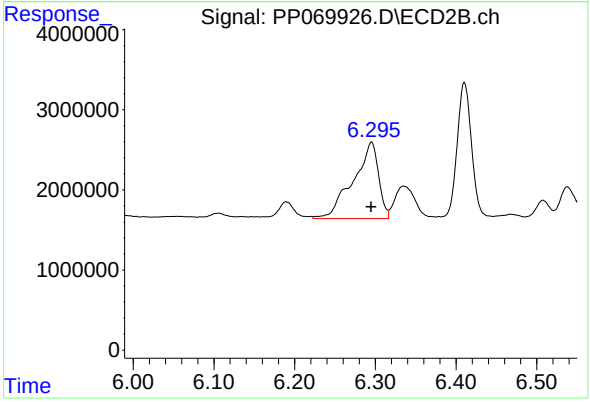
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 9349294
Conc: 193.29 ng/ml



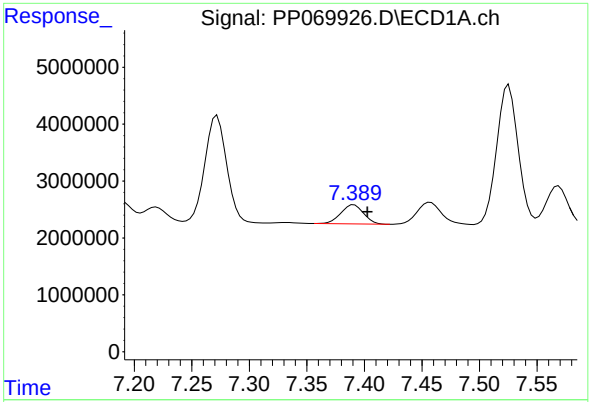
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.013 min
Response: 7175054
Conc: 85.13 ng/ml



#28 AR-1254-3

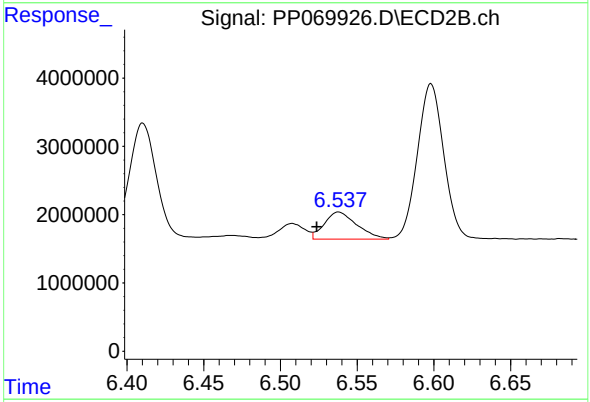
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 20847615
Conc: 274.69 ng/ml



#29 AR-1254-4

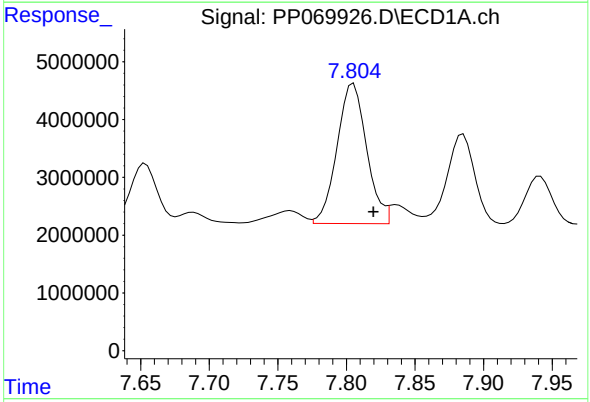
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 4665944
Conc: 68.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



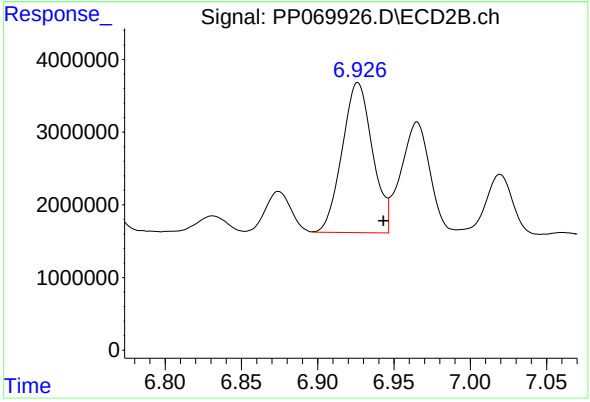
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.014 min
Response: 5848522
Conc: 114.12 ng/ml



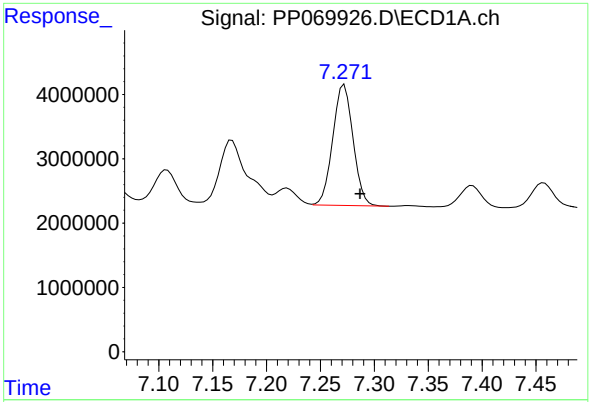
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.014 min
Response: 36478796
Conc: 536.09 ng/ml



#30 AR-1254-5

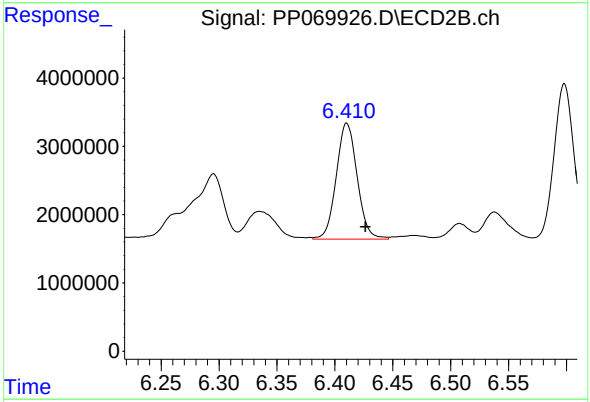
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 28516446
Conc: 428.43 ng/ml



#31 AR-1260-1

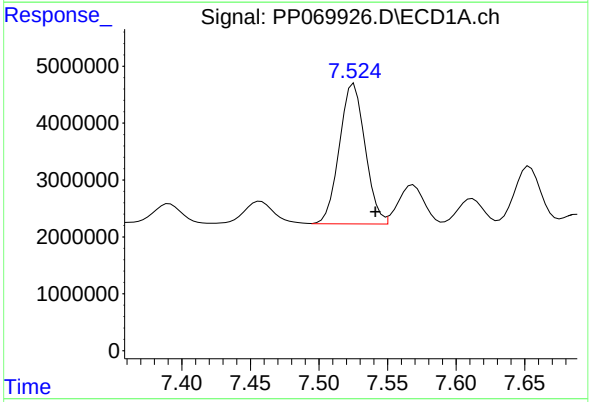
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 24628615
Conc: 421.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



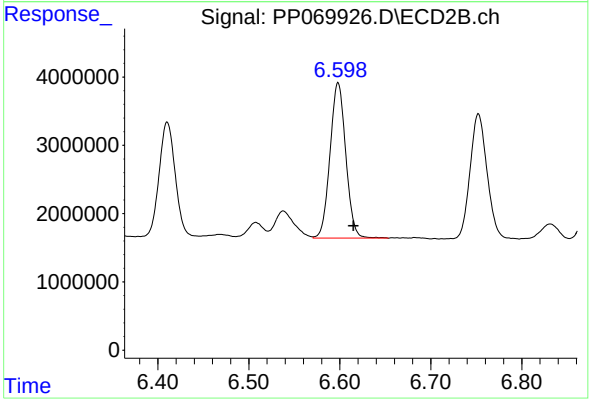
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 21297328
Conc: 441.58 ng/ml



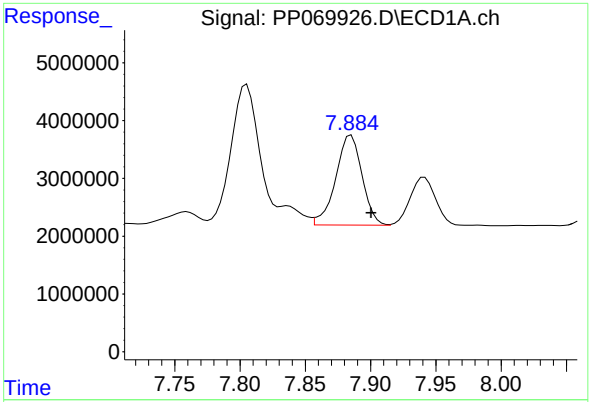
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.016 min
Response: 32176412
Conc: 413.51 ng/ml



#32 AR-1260-2

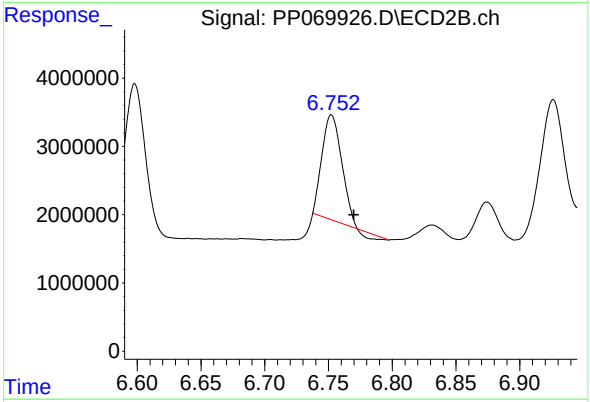
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 27340226
Conc: 445.98 ng/ml



#33 AR-1260-3

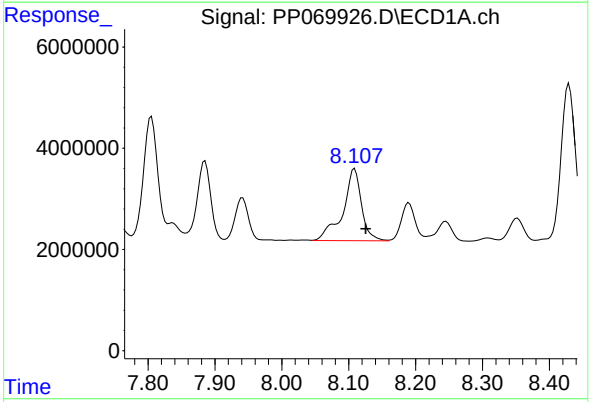
R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 21891119
Conc: 350.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



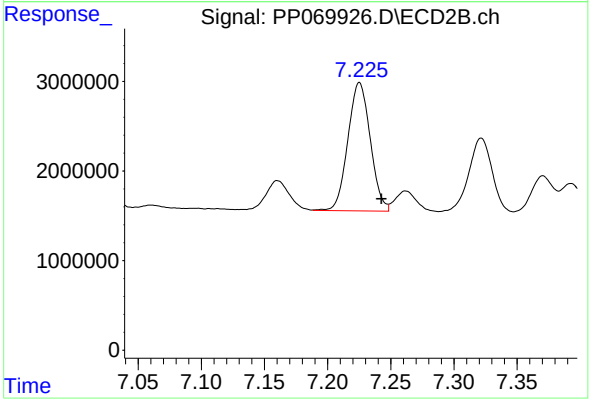
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.017 min
Response: 15990285
Conc: 265.81 ng/ml



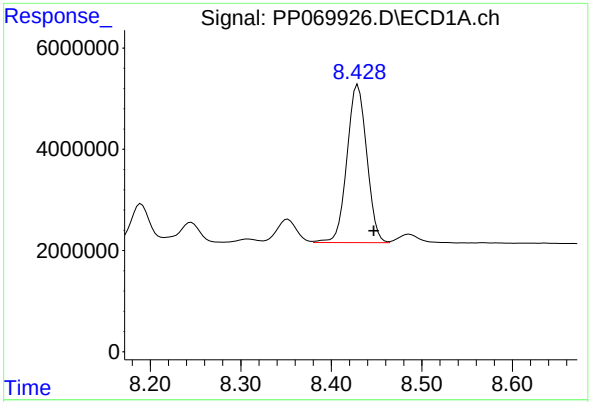
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 27544989
Conc: 417.50 ng/ml



#34 AR-1260-4

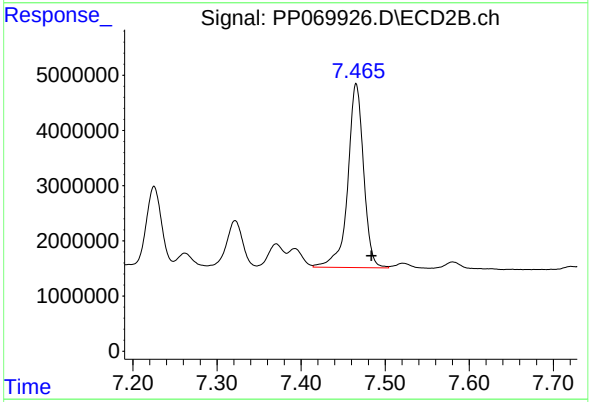
R.T.: 7.225 min
Delta R.T.: -0.017 min
Response: 17720548
Conc: 381.35 ng/ml



#35 AR-1260-5

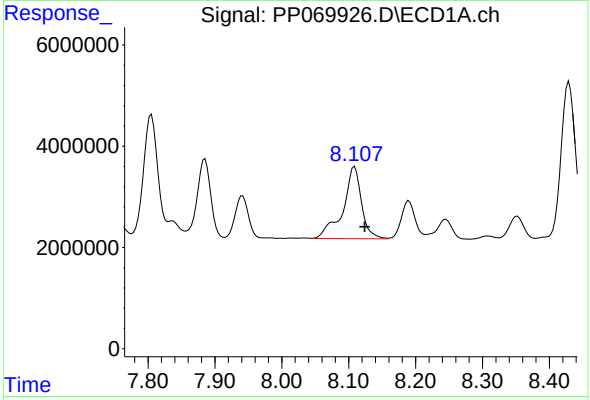
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 47460590
Conc: 362.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



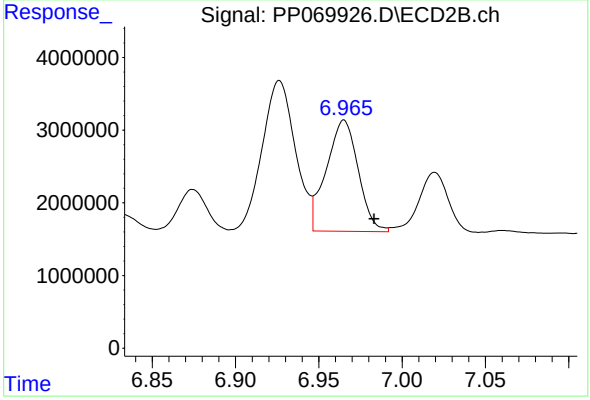
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 43506199
Conc: 391.44 ng/ml



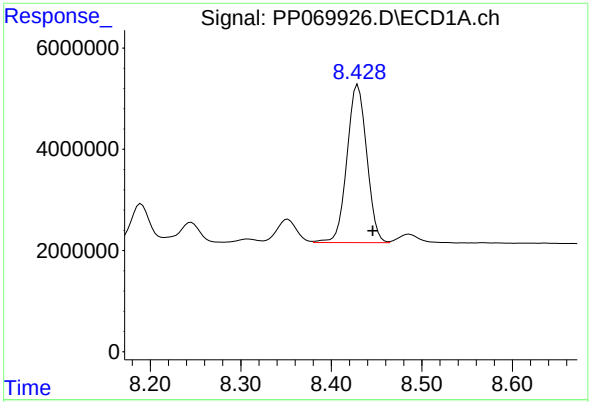
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 27544989
Conc: 348.59 ng/ml



#36 AR-1262-1

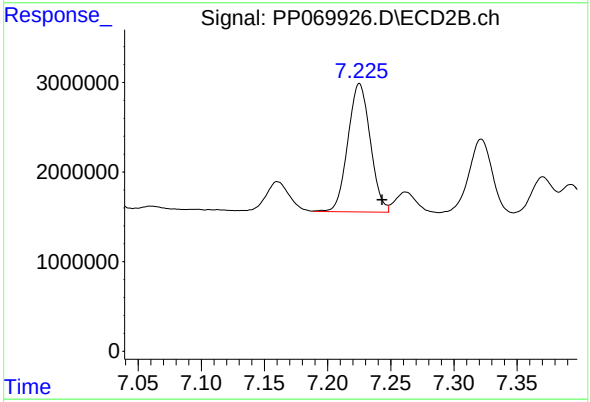
R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 20367254
Conc: 286.81 ng/ml



#37 AR-1262-2

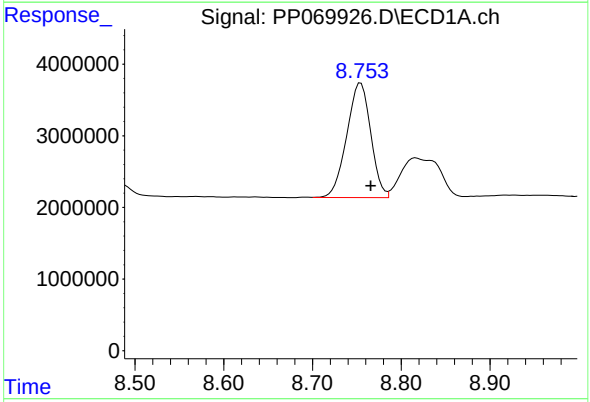
R.T.: 8.429 min
Delta R.T.: -0.016 min
Response: 47460590
Conc: 310.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



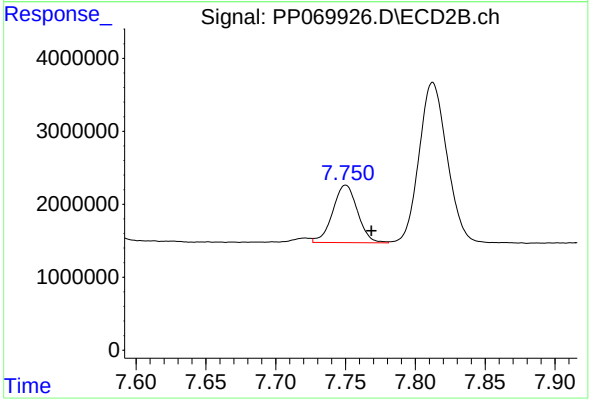
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 17720548
Conc: 290.60 ng/ml



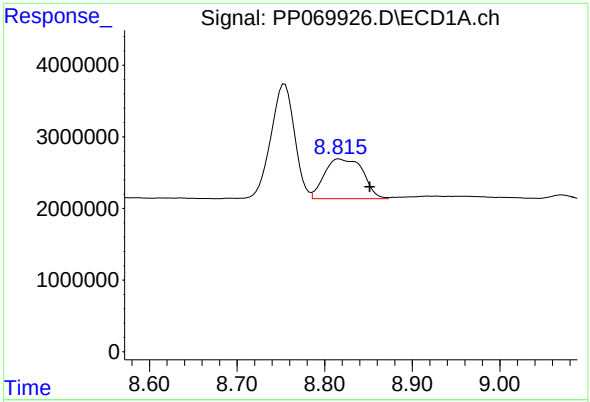
#38 AR-1262-3

R.T.: 8.754 min
Delta R.T.: -0.011 min
Response: 29982316
Conc: 282.11 ng/ml



#38 AR-1262-3

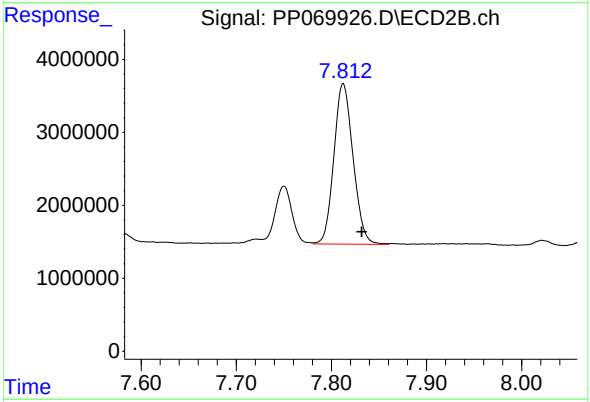
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 9728923
Conc: 186.02 ng/ml



#39 AR-1262-4

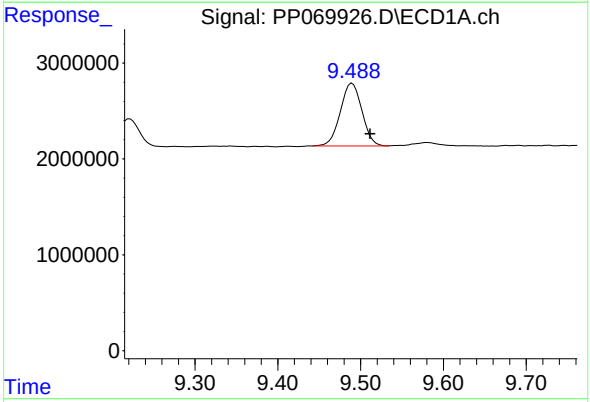
R.T.: 8.816 min
Delta R.T.: -0.035 min
Response: 16983520
Conc: 207.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



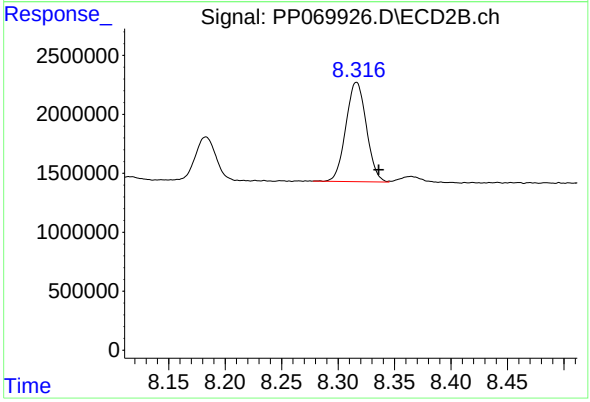
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 30796728
Conc: 333.17 ng/ml



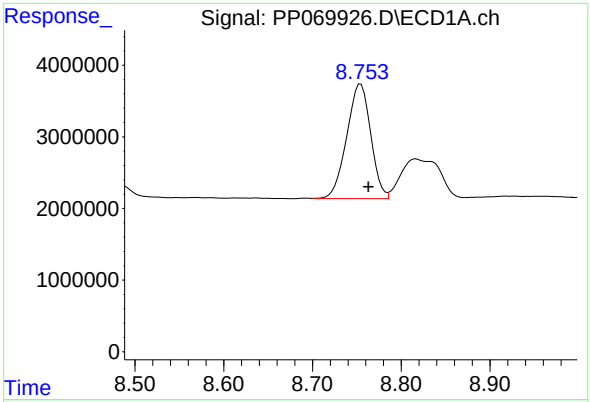
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.021 min
Response: 11823828
Conc: 208.86 ng/ml



#40 AR-1262-5

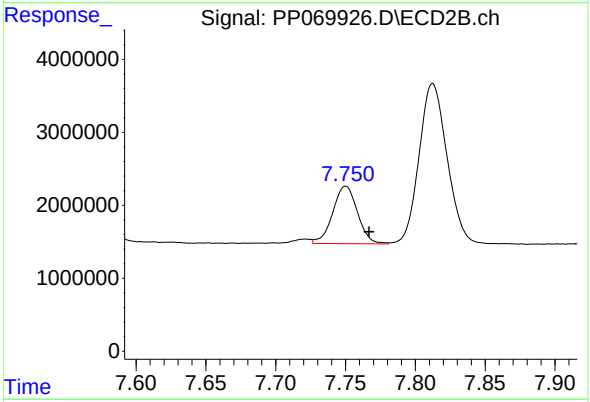
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 10638151
Conc: 222.59 ng/ml



#41 AR-1268-1

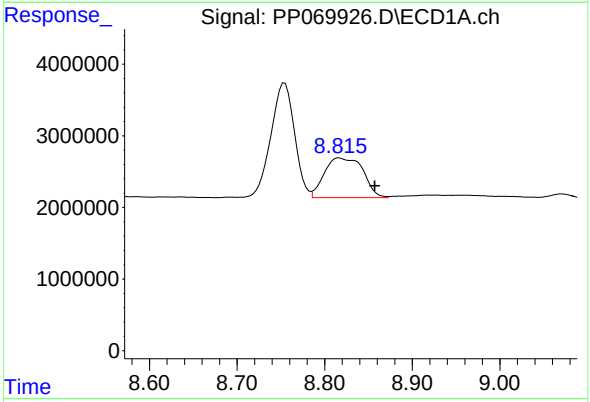
R.T.: 8.754 min
Delta R.T.: -0.008 min
Response: 29982316
Conc: 169.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



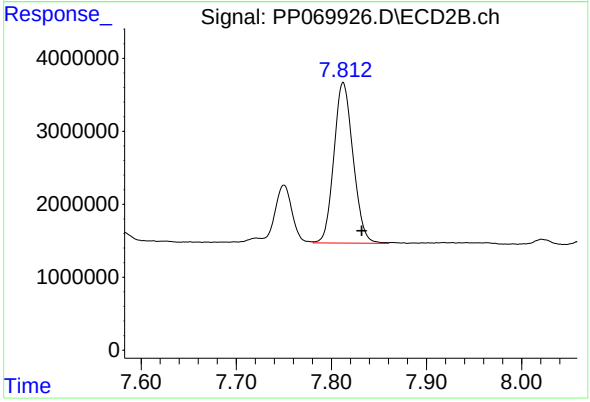
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 9728923
Conc: 67.04 ng/ml



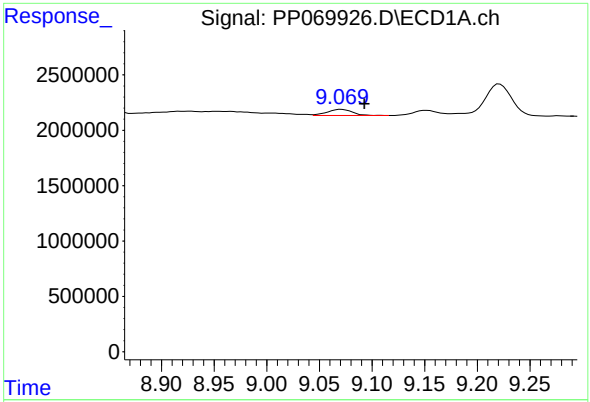
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: -0.041 min
Response: 16983520
Conc: 107.92 ng/ml



#42 AR-1268-2

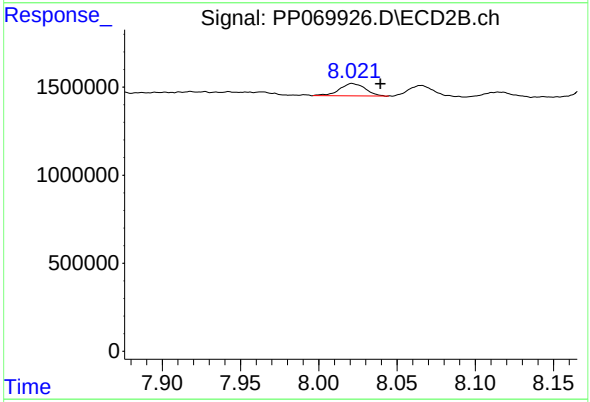
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 30796728
Conc: 231.88 ng/ml



#43 AR-1268-3

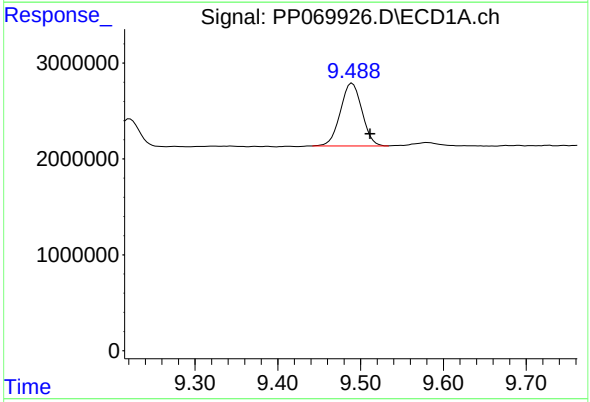
R.T.: 9.070 min
Delta R.T.: -0.022 min
Response: 910645
Conc: 6.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



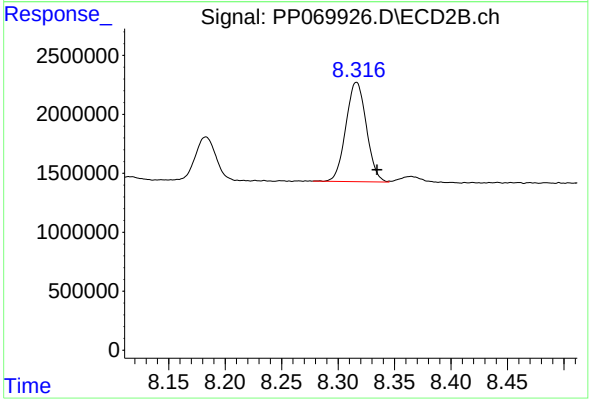
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 799361
Conc: 7.03 ng/ml



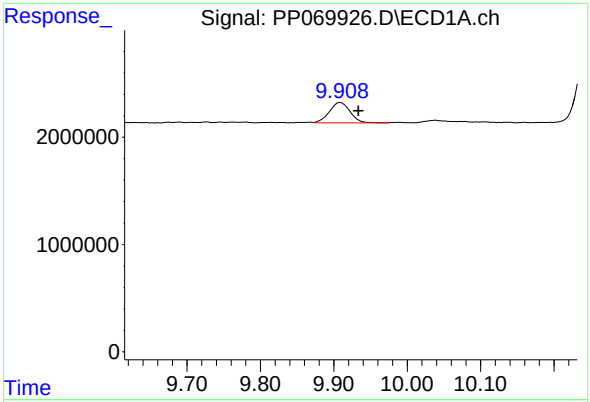
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 11823828
Conc: 201.36 ng/ml



#44 AR-1268-4

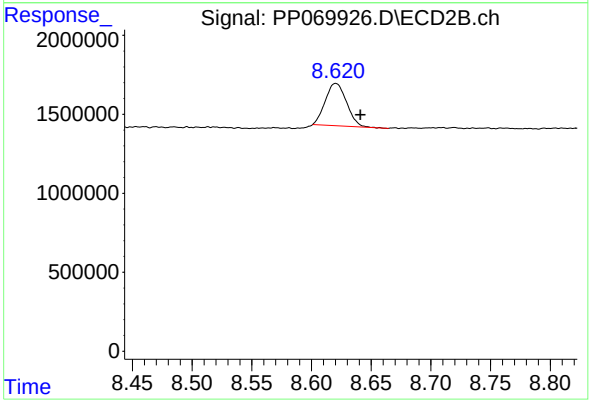
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 10638151
Conc: 204.27 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: -0.024 min
Response: 3708275
Conc: 9.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MS



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 3317924
Conc: 9.32 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:46
Operator : YP\AJ
Sample : Q1382-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:53:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	32797050	19895627	22.911	22.291	
2)	SA Decachlor...	10.251	8.889	21981994	22476473	20.113	20.095	
	Target Compounds							
3)	L1 AR-1016-1	5.698	4.939	31864648	19175326	687.731	587.929	
4)	L1 AR-1016-2	5.698	4.939	31864648	19175326	469.446	426.512	
5)	L1 AR-1016-3	5.761	5.116	19321920	10932269	453.602	439.330	
6)	L1 AR-1016-4	5.858	5.158	17118159	8812914	489.084	436.363	
7)	L1 AR-1016-5	6.151	5.373	12662843	11187609	383.043	417.076	
8)	L2 AR-1221-1	4.722	4.045	2943562	2489052	154.766	202.066	#
9)	L2 AR-1221-2	4.809	4.127	2613779	3141416	190.891	324.413	#
10)	L2 AR-1221-3	4.885	4.204	11631602	7837339	277.317	268.640	
11)	L3 AR-1232-1	4.885	4.204	11631602	7837339	349.364	333.795	
12)	L3 AR-1232-2	5.411	4.939	15384845	19175326	941.429	813.487	
13)	L3 AR-1232-3	5.698	5.116	31864648	10932269	927.404	844.370	
14)	L3 AR-1232-4	5.858	5.200	17118159	10449673	960.820	942.575	
15)	L3 AR-1232-5	5.948	5.373	13091846	11187609	1142.154	916.242	
16)	L4 AR-1242-1	5.698	4.939	31864648	19175326	764.044	665.070	
17)	L4 AR-1242-2	5.698	4.939	31864648	19175326	540.162	486.711	
18)	L4 AR-1242-3	5.761	5.116	19321920	10932269	520.826	485.790	
19)	L4 AR-1242-4	5.858	5.200	17118159	10449673	521.980	484.179	
20)	L4 AR-1242-5	6.589	5.727	2820387	9600001	86.557	333.700	#
21)	L5 AR-1248-1	5.698	4.939	31864648	19175326	982.293	871.187	
22)	L5 AR-1248-2	5.948	5.158	13091846	8812914	308.432	293.133	
23)	L5 AR-1248-3	6.151	5.200	12662843	10449673	269.496	337.257	#
24)	L5 AR-1248-4	6.589	5.373	2820387	11187609	51.167	302.829	#
25)	L5 AR-1248-5	6.589	5.768	2820387	1600689	52.832	42.811	
26)	L6 AR-1254-1	6.526	5.727	14638480	9600001	252.982	174.369	#
27)	L6 AR-1254-2	6.742	5.875	12975448	9703511	161.704	200.615	
28)	L6 AR-1254-3	7.106	6.296	7428042	21261639	88.126	280.141	#
29)	L6 AR-1254-4	7.389	6.509	5109038	2812878	74.926	54.886	#
30)	L6 AR-1254-5	7.834	6.927	3857435	28699914	56.689	431.186	#
31)	L7 AR-1260-1	7.271	6.412	26227603	21834754	448.824	452.726	
32)	L7 AR-1260-2	7.524	6.599	32832842	26848926	421.946	437.966	
33)	L7 AR-1260-3	7.883	6.754	22173479	16787968	354.666	279.072	
34)	L7 AR-1260-4	8.107	7.227	28312961	17612644	429.135	379.030	
35)	L7 AR-1260-5	8.428	7.467	48329219	44103270	369.134	396.808	
36)	L8 AR-1262-1	8.107	6.966	28312961	20076937	358.309	282.721	
37)	L8 AR-1262-2	8.428	7.227	48329219	17612644	316.036	288.829	
38)	L8 AR-1262-3	8.753	7.751	30421664	10394153	286.241	198.744	#
39)	L8 AR-1262-4	8.832	7.814	7070893	30898577	86.449	334.268	#
40)	L8 AR-1262-5	9.489	8.318	12183101	10625287	215.210	222.323	
41)	L9 AR-1268-1	8.753	7.751	30421664	10394153	172.284	71.623	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:46
Operator : YP\AJ
Sample : Q1382-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:53:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.832	7.814	7070893	30898577	44.931	232.643 #
43) L9	AR-1268-3	9.068	8.022	769954	851167	5.758	7.484 #
44) L9	AR-1268-4	9.489	8.318	12183101	10625287	207.475	204.026
45) L9	AR-1268-5	9.908	8.622	3771400	3423392	9.901	9.611

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

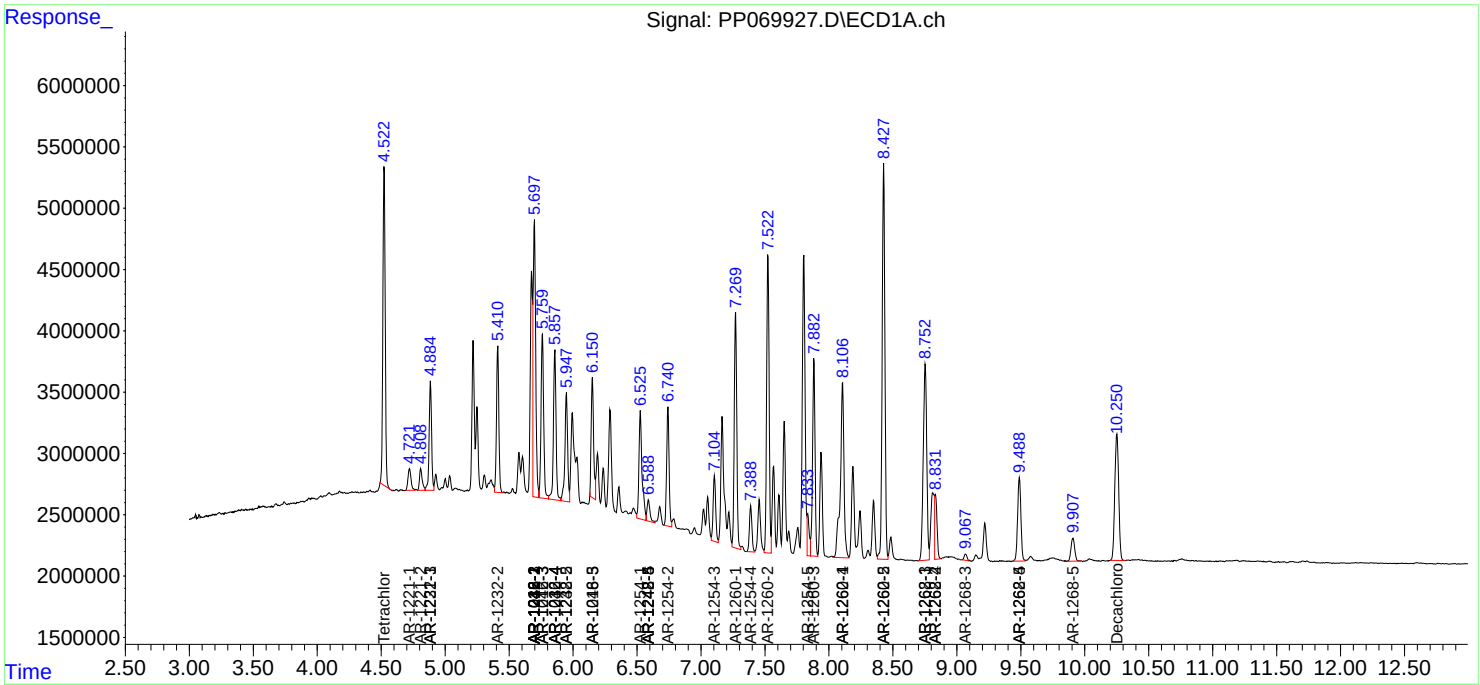
Quantitation Report (Not Reviewed)

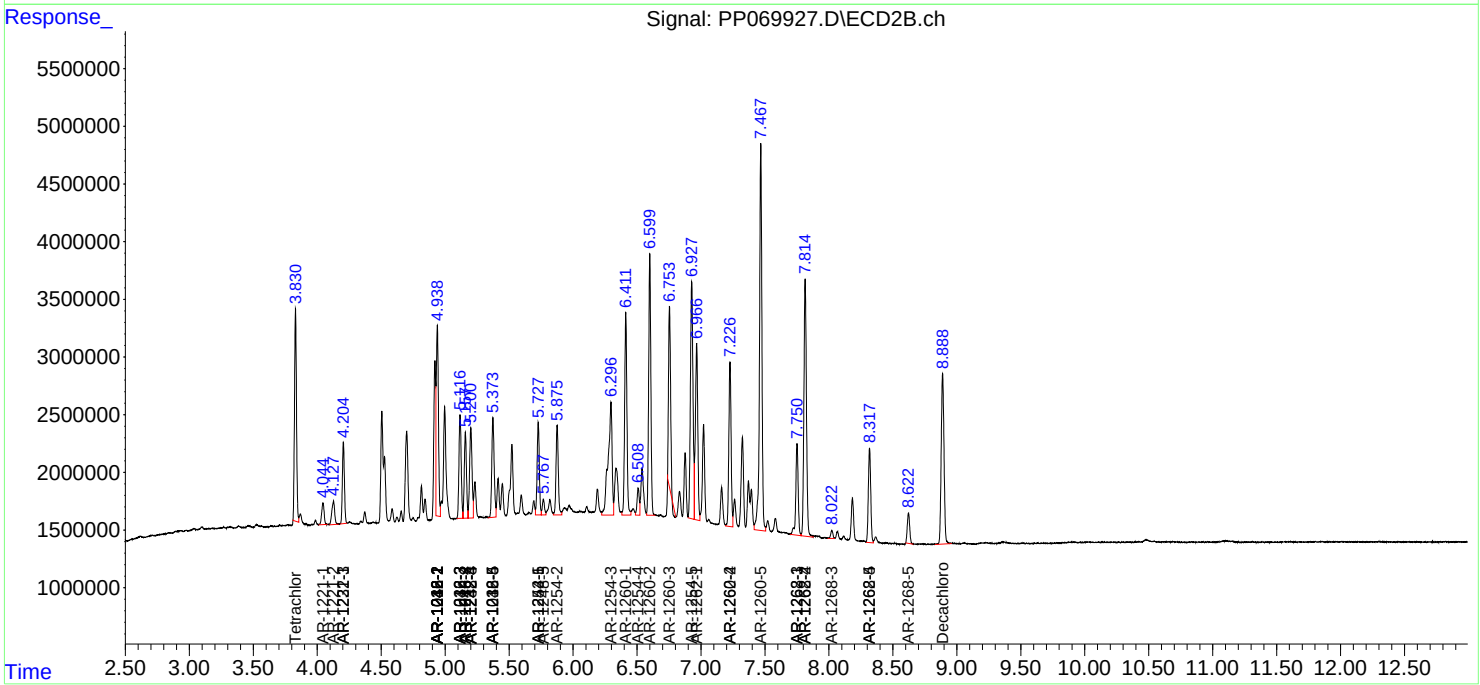
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069927.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 19:46
Operator : YP\AJ
Sample : Q1382-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

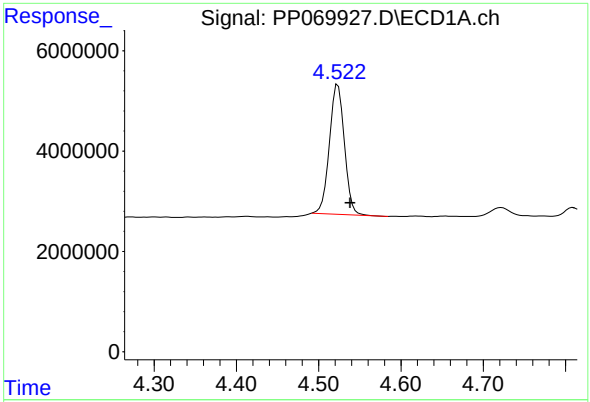
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:53:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



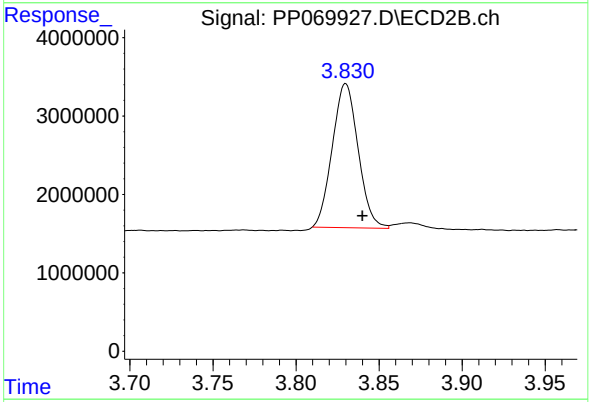




#1 Tetrachloro-m-xylene

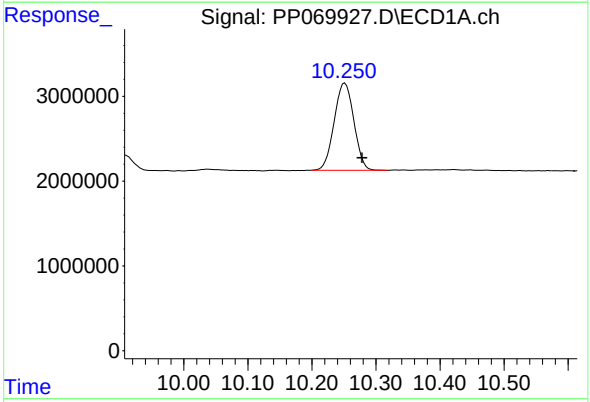
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 32797050
Conc: 22.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



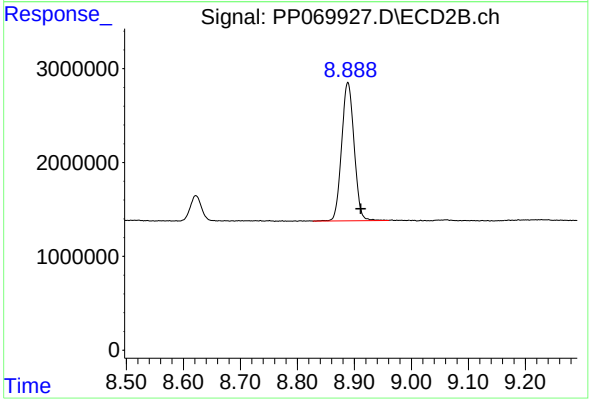
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 19895627
Conc: 22.29 ng/ml



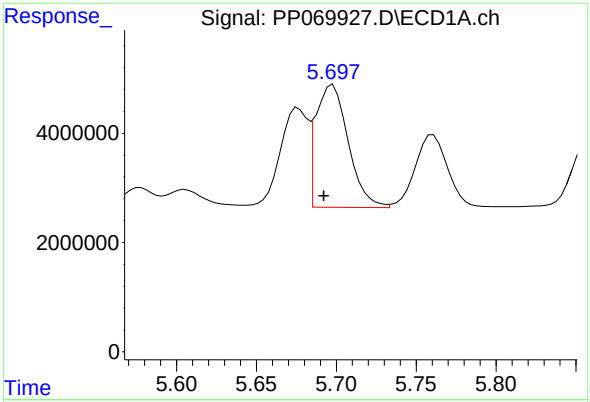
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 21981994
Conc: 20.11 ng/ml



#2 Decachlorobiphenyl

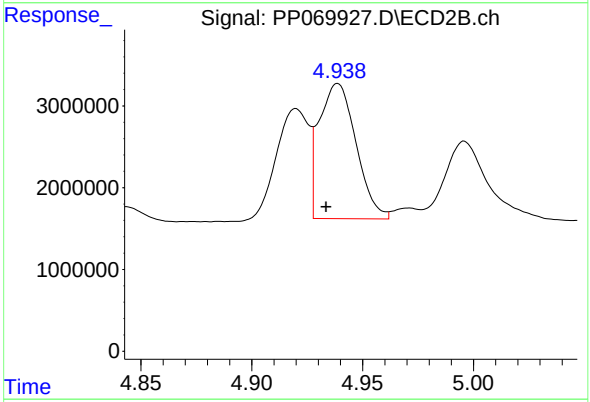
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 22476473
Conc: 20.10 ng/ml



#3 AR-1016-1

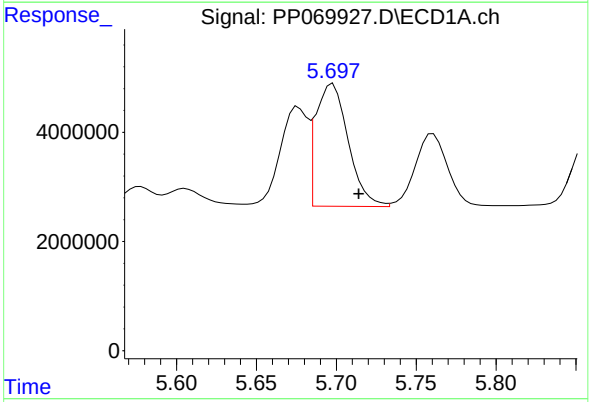
R.T.: 5.698 min
Delta R.T.: 0.006 min
Response: 31864648
Conc: 687.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



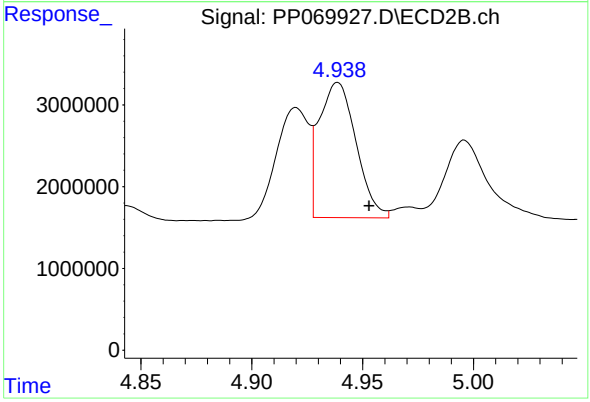
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 19175326
Conc: 587.93 ng/ml



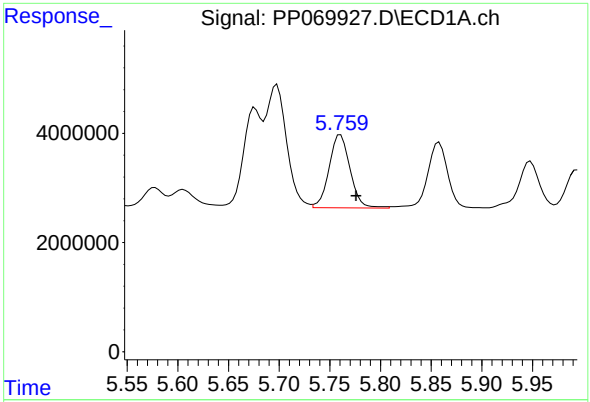
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 31864648
Conc: 469.45 ng/ml



#4 AR-1016-2

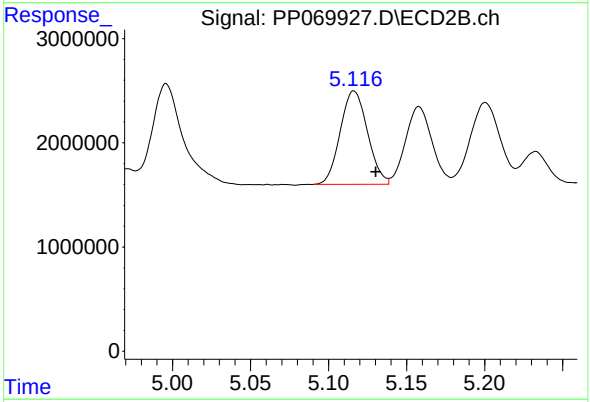
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 19175326
Conc: 426.51 ng/ml



#5 AR-1016-3

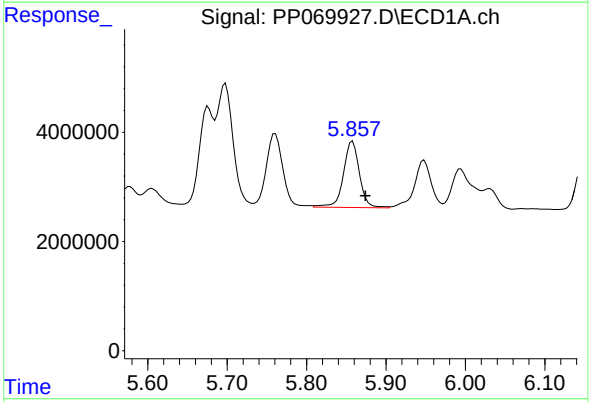
R.T.: 5.761 min
Delta R.T.: -0.015 min
Response: 19321920
Conc: 453.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



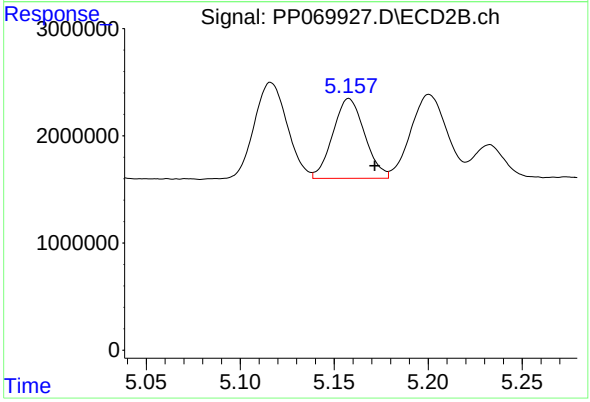
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 10932269
Conc: 439.33 ng/ml



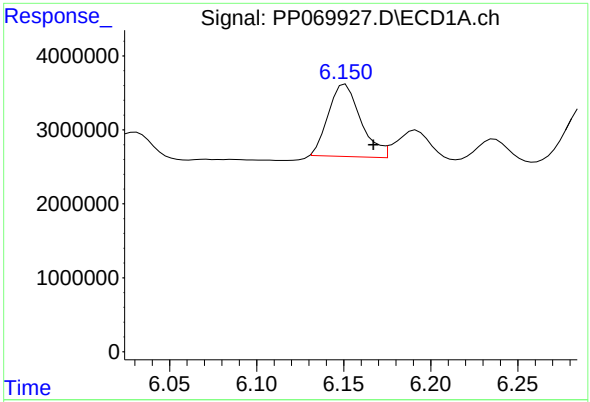
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 17118159
Conc: 489.08 ng/ml



#6 AR-1016-4

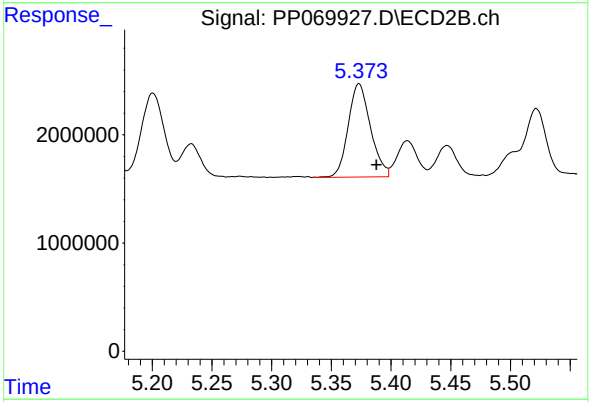
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 8812914
Conc: 436.36 ng/ml



#7 AR-1016-5

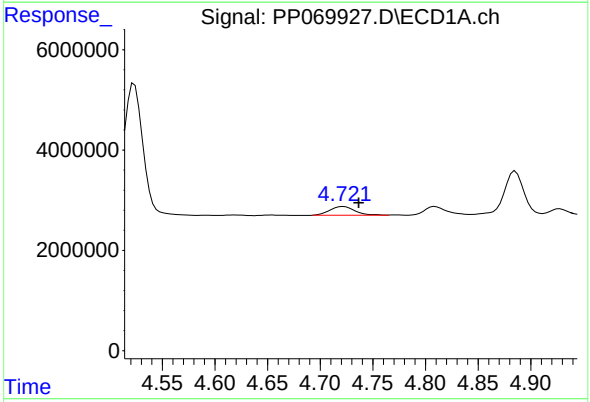
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 12662843
Conc: 383.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



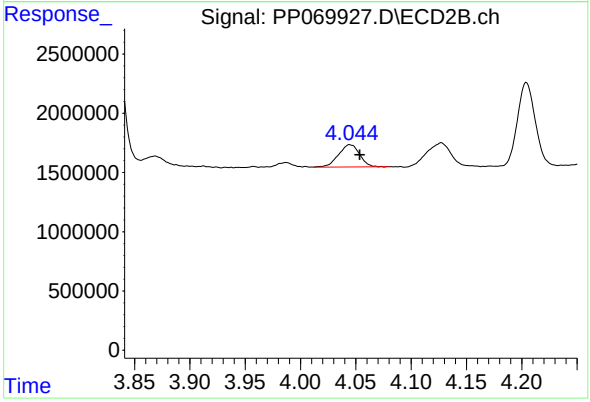
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 11187609
Conc: 417.08 ng/ml



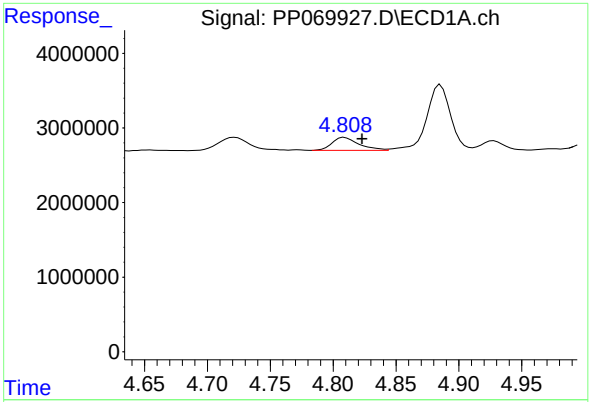
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 2943562
Conc: 154.77 ng/ml



#8 AR-1221-1

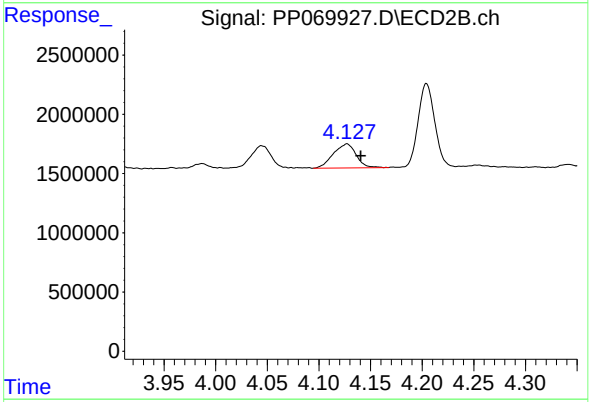
R.T.: 4.045 min
Delta R.T.: -0.009 min
Response: 2489052
Conc: 202.07 ng/ml



#9 AR-1221-2

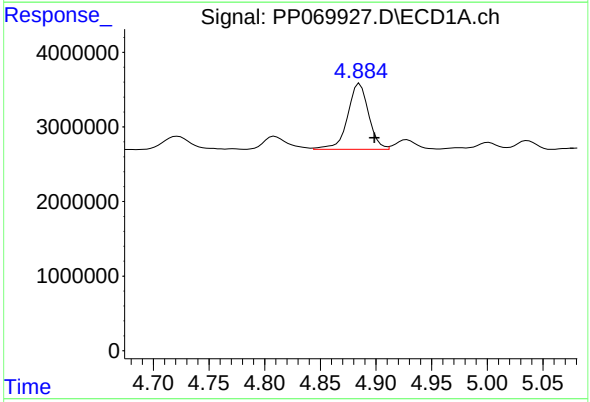
R.T.: 4.809 min
Delta R.T.: -0.014 min
Response: 2613779
Conc: 190.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



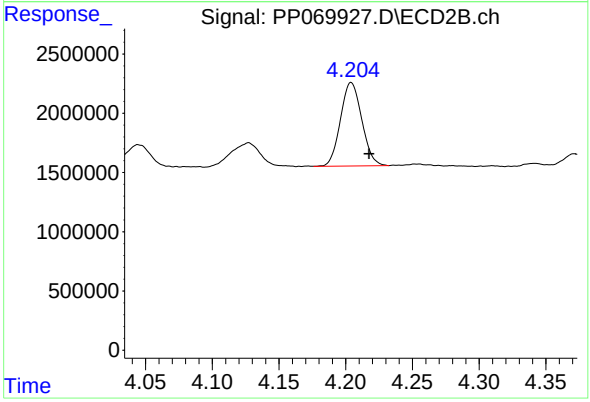
#9 AR-1221-2

R.T.: 4.127 min
Delta R.T.: -0.013 min
Response: 3141416
Conc: 324.41 ng/ml



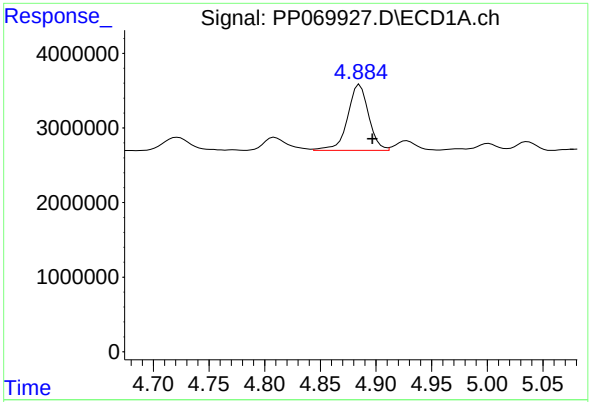
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: -0.013 min
Response: 11631602
Conc: 277.32 ng/ml



#10 AR-1221-3

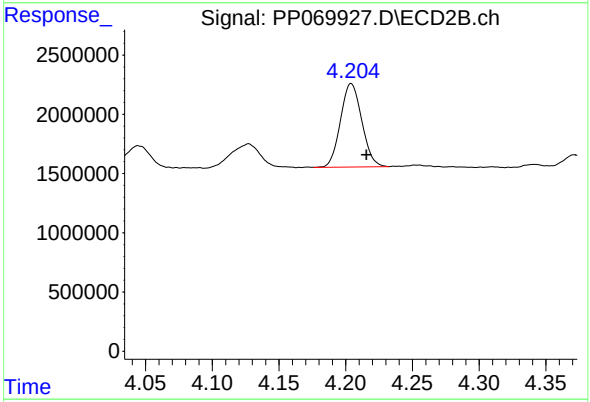
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 7837339
Conc: 268.64 ng/ml



#11 AR-1232-1

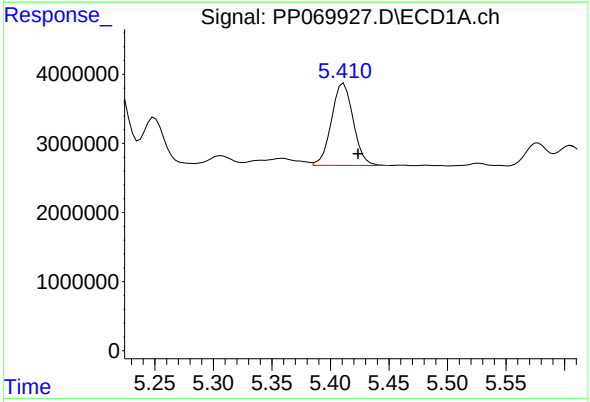
R.T.: 4.885 min
Delta R.T.: -0.011 min
Response: 11631602
Conc: 349.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



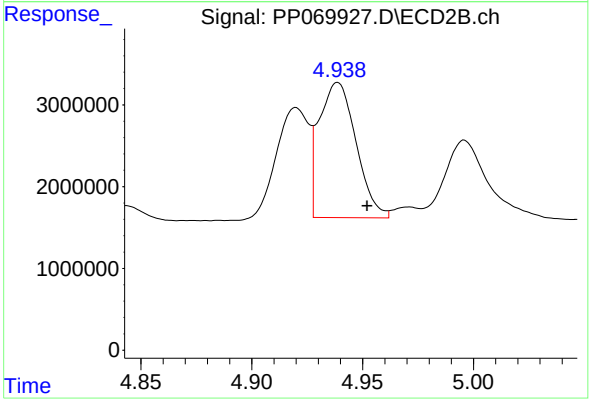
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 7837339
Conc: 333.79 ng/ml



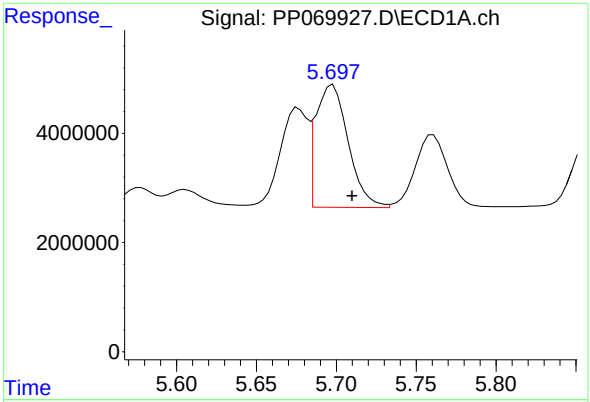
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: -0.012 min
Response: 15384845
Conc: 941.43 ng/ml



#12 AR-1232-2

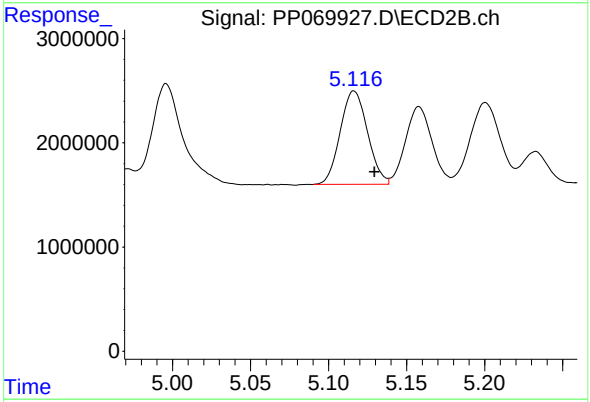
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 19175326
Conc: 813.49 ng/ml



#13 AR-1232-3

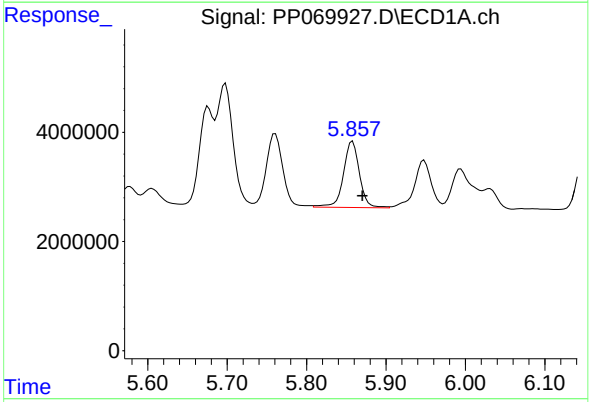
R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 31864648
Conc: 927.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



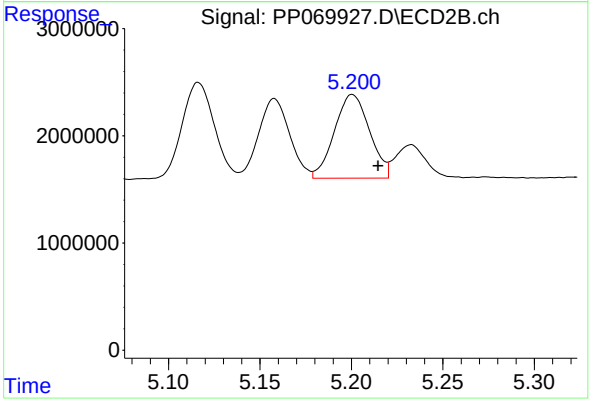
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 10932269
Conc: 844.37 ng/ml



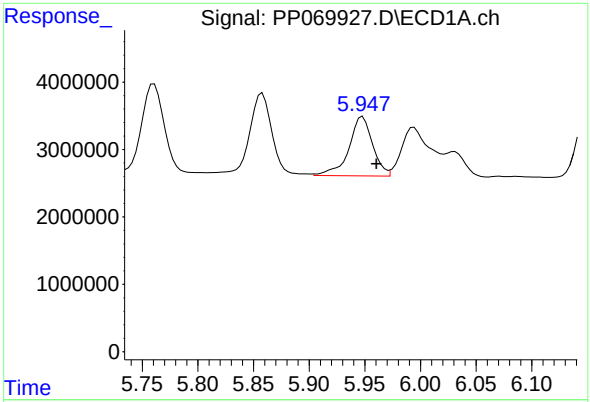
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.012 min
Response: 17118159
Conc: 960.82 ng/ml



#14 AR-1232-4

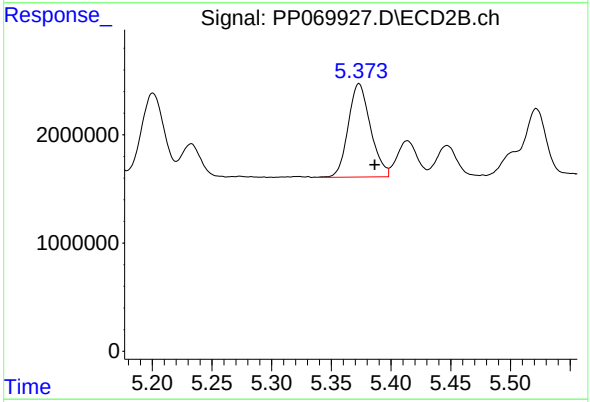
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 10449673
Conc: 942.57 ng/ml



#15 AR-1232-5

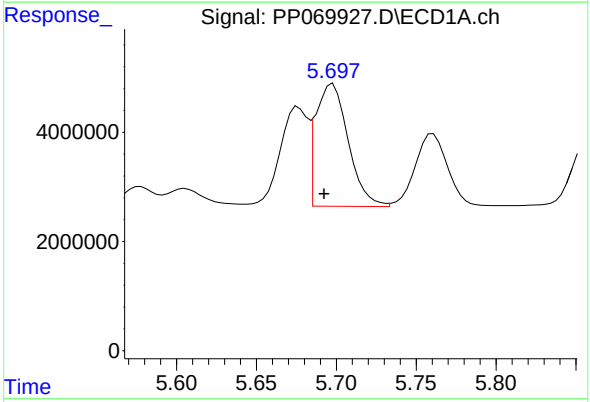
R.T.: 5.948 min
Delta R.T.: -0.012 min
Response: 13091846
Conc: 1142.15 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



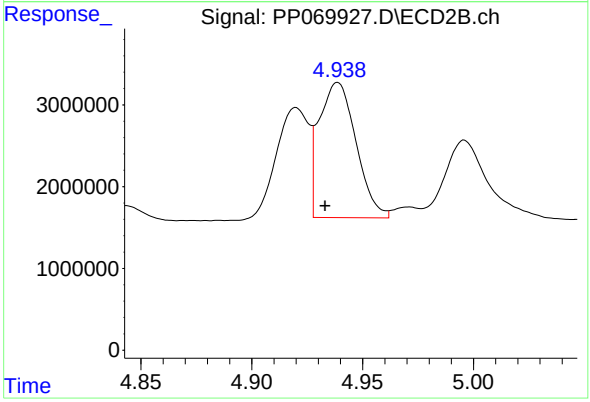
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 11187609
Conc: 916.24 ng/ml



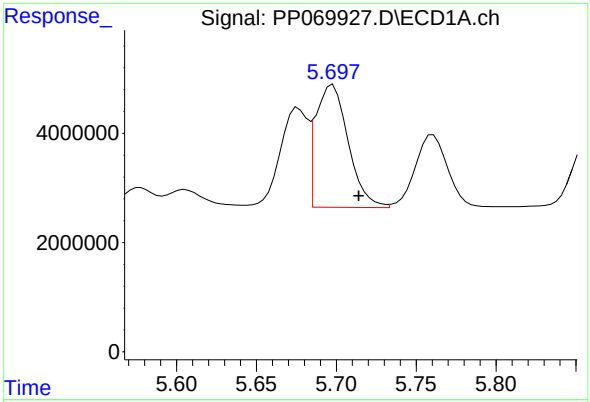
#16 AR-1242-1

R.T.: 5.698 min
Delta R.T.: 0.005 min
Response: 31864648
Conc: 764.04 ng/ml



#16 AR-1242-1

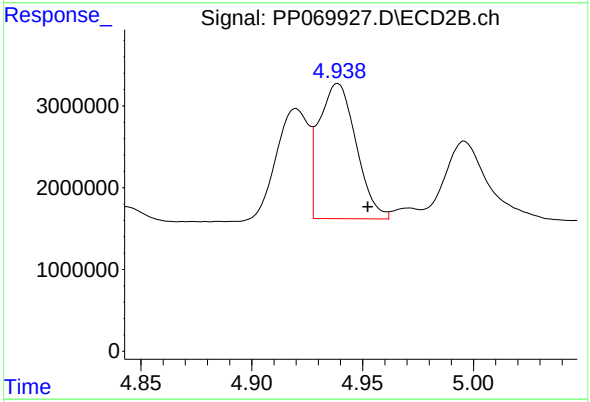
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 19175326
Conc: 665.07 ng/ml



#17 AR-1242-2

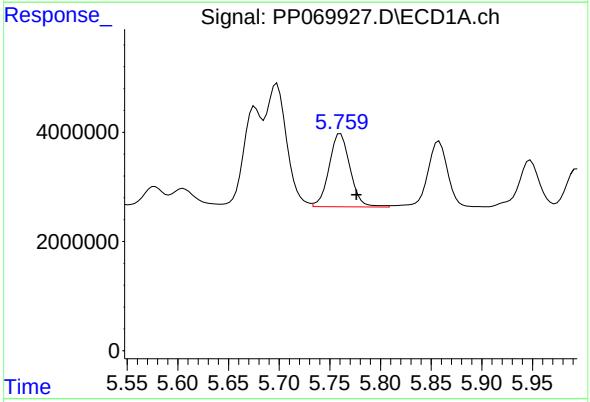
R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 31864648
Conc: 540.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



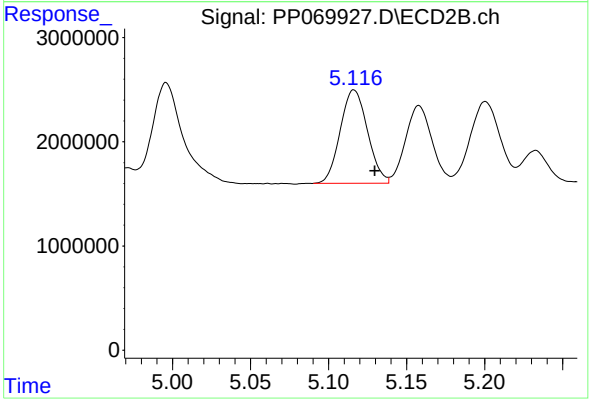
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 19175326
Conc: 486.71 ng/ml



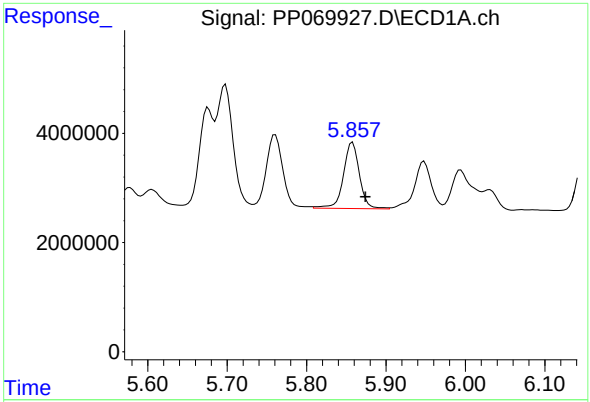
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: -0.016 min
Response: 19321920
Conc: 520.83 ng/ml



#18 AR-1242-3

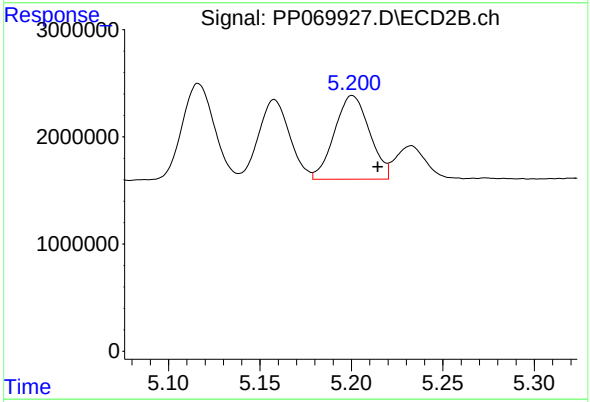
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 10932269
Conc: 485.79 ng/ml



#19 AR-1242-4

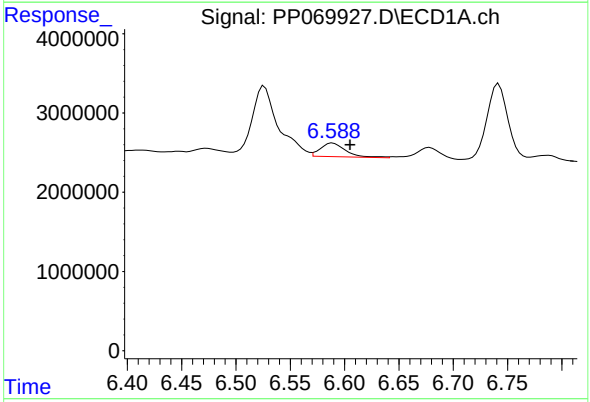
R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 17118159
Conc: 521.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



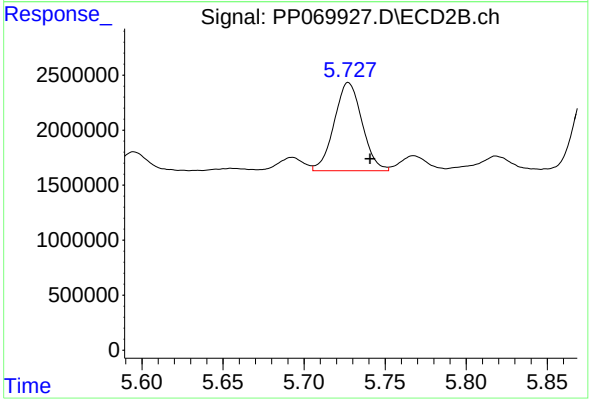
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 10449673
Conc: 484.18 ng/ml



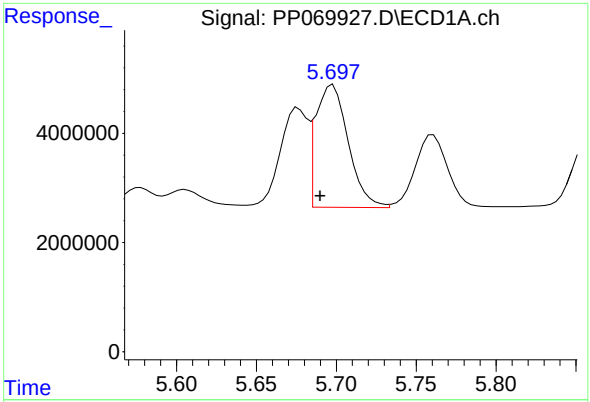
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.016 min
Response: 2820387
Conc: 86.56 ng/ml



#20 AR-1242-5

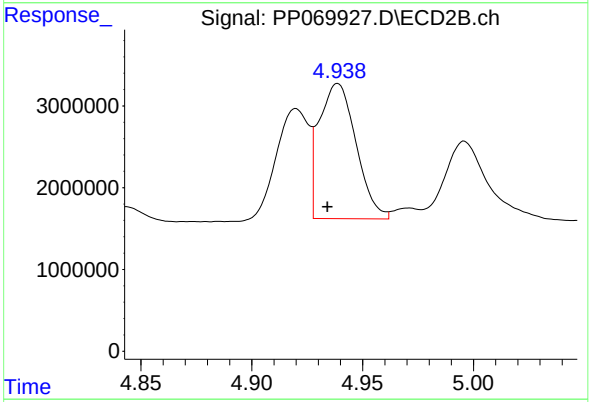
R.T.: 5.727 min
Delta R.T.: -0.013 min
Response: 9600001
Conc: 333.70 ng/ml



#21 AR-1248-1

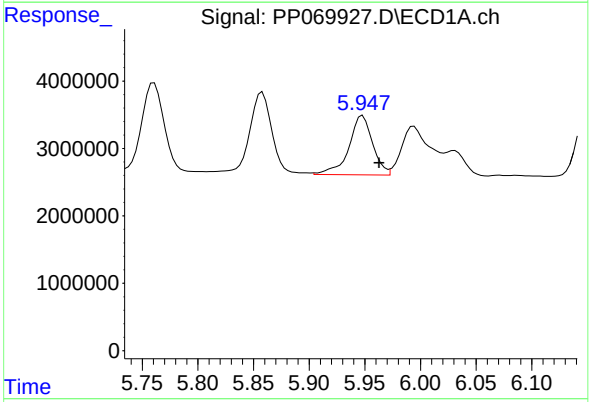
R.T.: 5.698 min
Delta R.T.: 0.008 min
Response: 31864648
Conc: 982.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



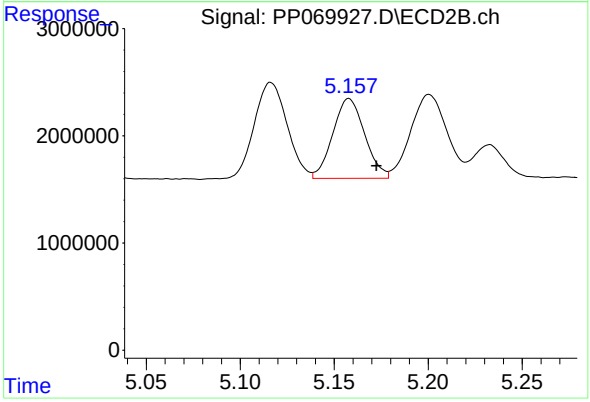
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 19175326
Conc: 871.19 ng/ml



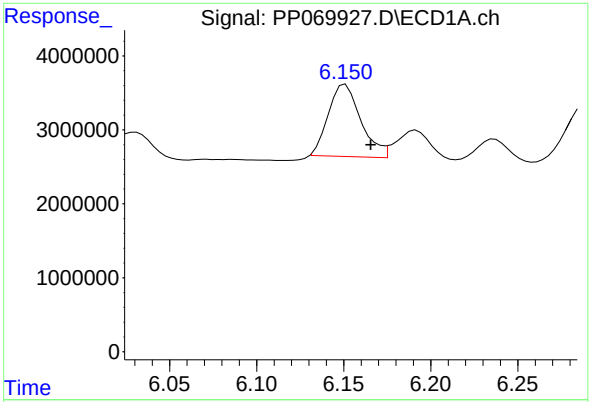
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 13091846
Conc: 308.43 ng/ml



#22 AR-1248-2

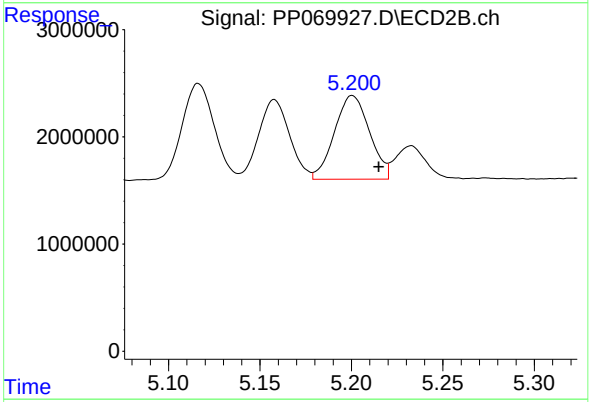
R.T.: 5.158 min
Delta R.T.: -0.015 min
Response: 8812914
Conc: 293.13 ng/ml



#23 AR-1248-3

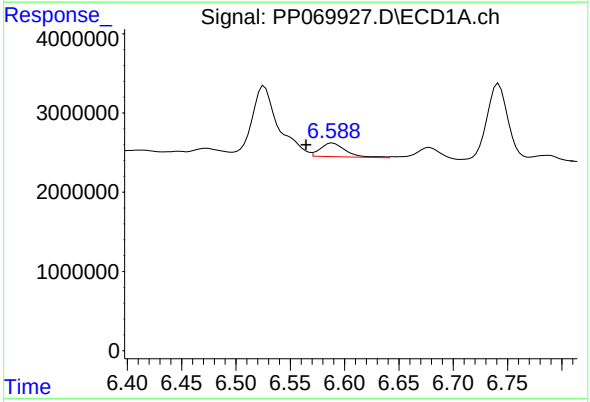
R.T.: 6.151 min
Delta R.T.: -0.015 min
Response: 12662843
Conc: 269.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



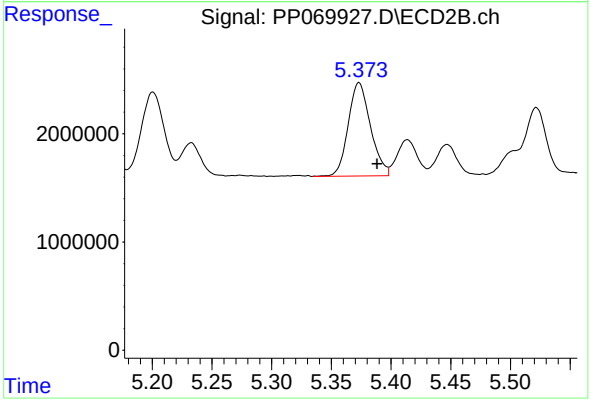
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 10449673
Conc: 337.26 ng/ml



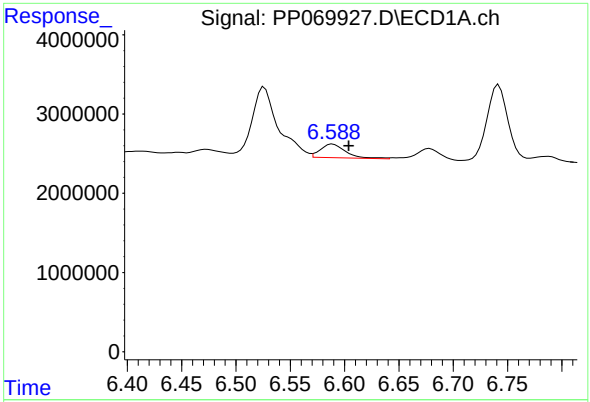
#24 AR-1248-4

R.T.: 6.589 min
Delta R.T.: 0.025 min
Response: 2820387
Conc: 51.17 ng/ml



#24 AR-1248-4

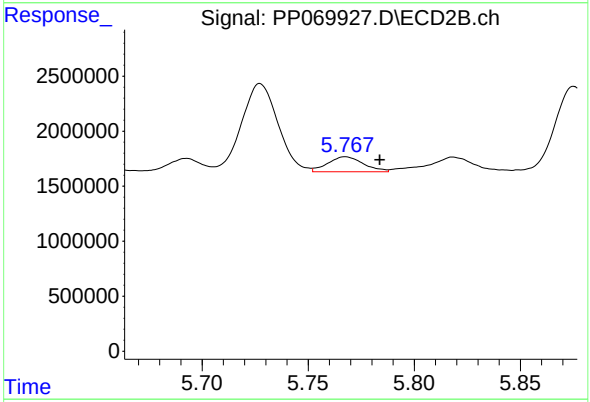
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 11187609
Conc: 302.83 ng/ml



#25 AR-1248-5

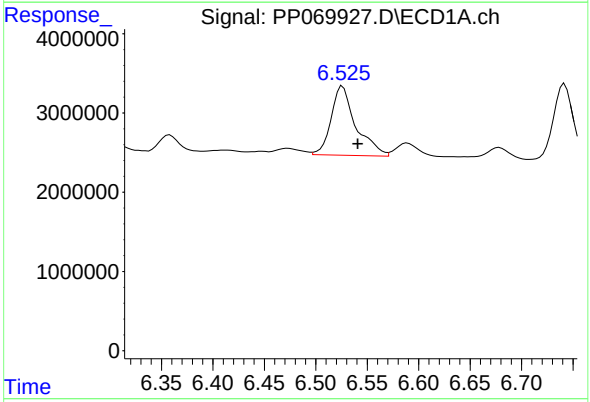
R.T.: 6.589 min
Delta R.T.: -0.015 min
Response: 2820387
Conc: 52.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



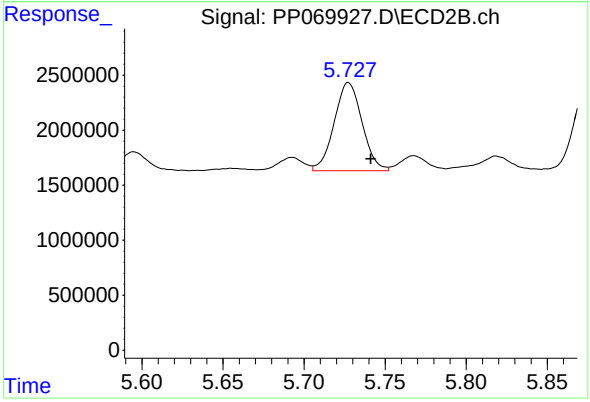
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 1600689
Conc: 42.81 ng/ml



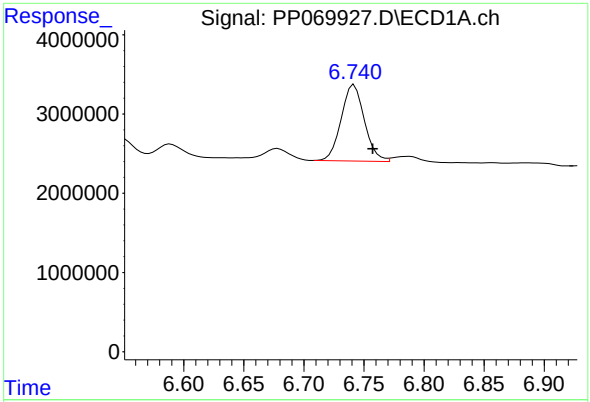
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.014 min
Response: 14638480
Conc: 252.98 ng/ml



#26 AR-1254-1

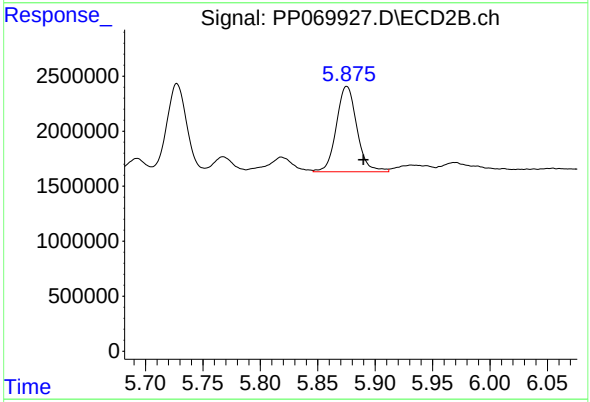
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 9600001
Conc: 174.37 ng/ml



#27 AR-1254-2

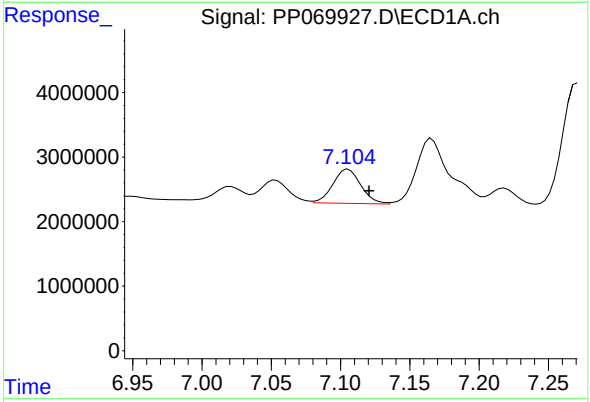
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 12975448
Conc: 161.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



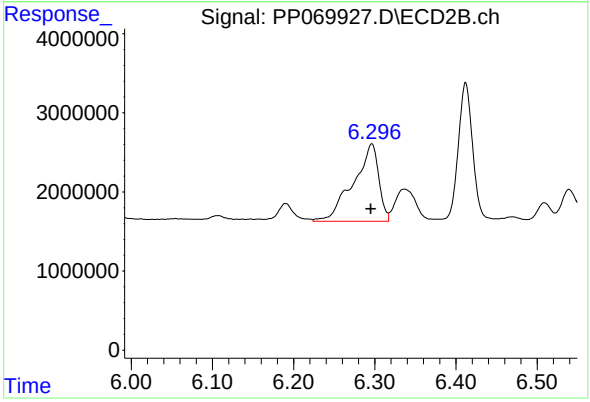
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 9703511
Conc: 200.62 ng/ml



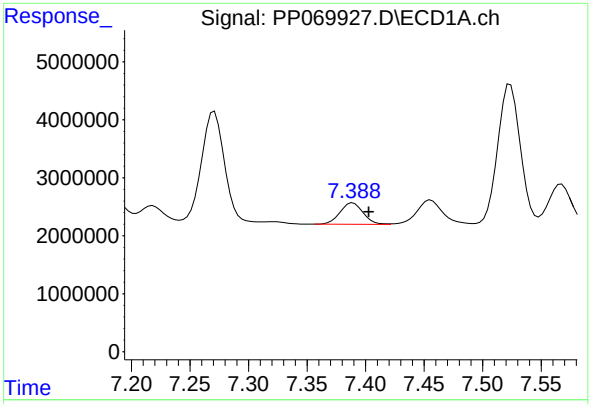
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.015 min
Response: 7428042
Conc: 88.13 ng/ml



#28 AR-1254-3

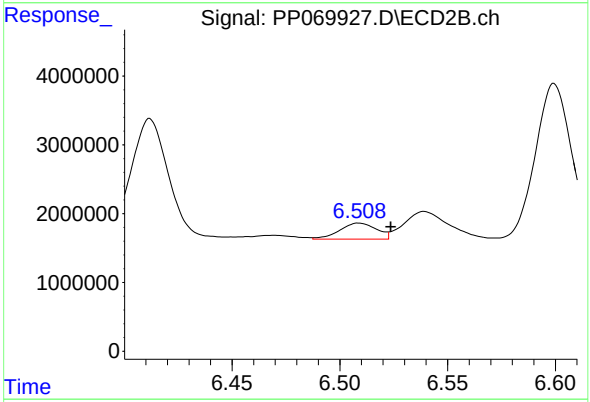
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 21261639
Conc: 280.14 ng/ml



#29 AR-1254-4

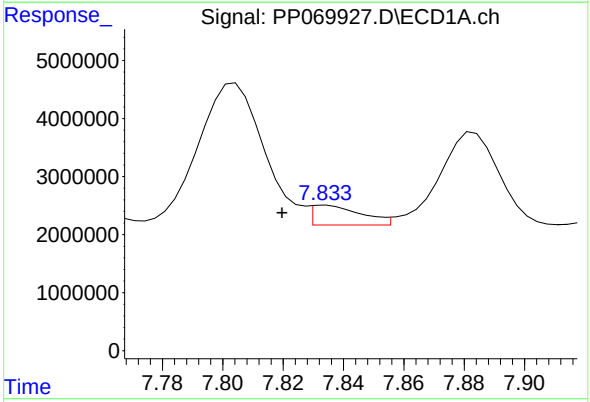
R.T.: 7.389 min
Delta R.T.: -0.013 min
Response: 5109038
Conc: 74.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



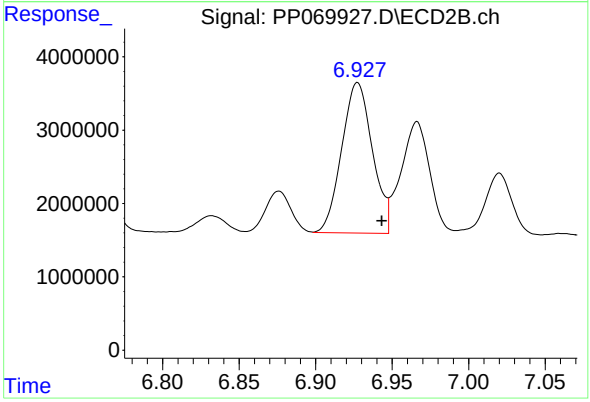
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 2812878
Conc: 54.89 ng/ml



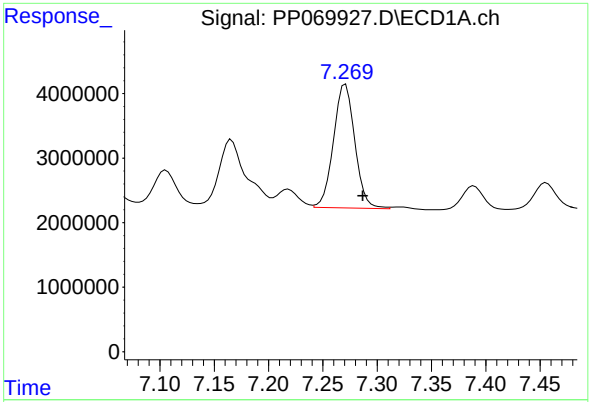
#30 AR-1254-5

R.T.: 7.834 min
Delta R.T.: 0.015 min
Response: 3857435
Conc: 56.69 ng/ml



#30 AR-1254-5

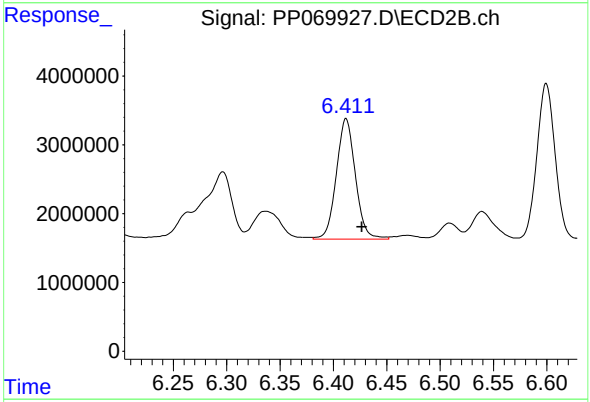
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 28699914
Conc: 431.19 ng/ml



#31 AR-1260-1

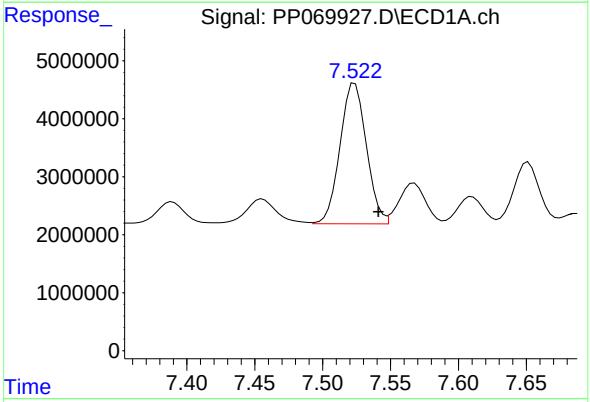
R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 26227603
Conc: 448.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



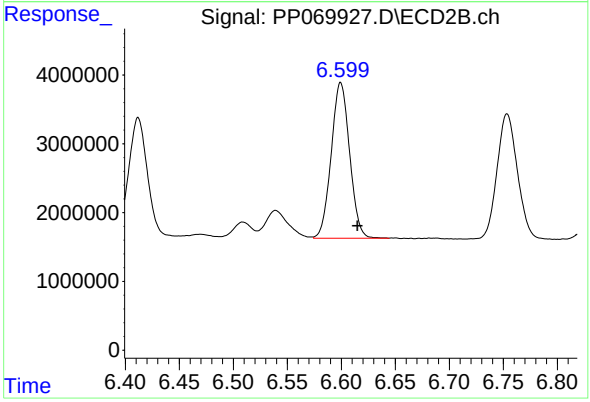
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 21834754
Conc: 452.73 ng/ml



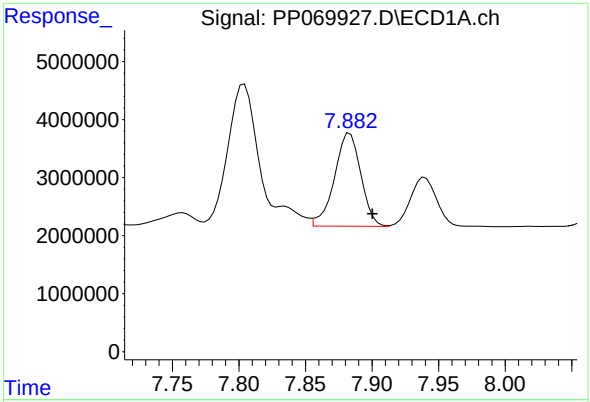
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 32832842
Conc: 421.95 ng/ml



#32 AR-1260-2

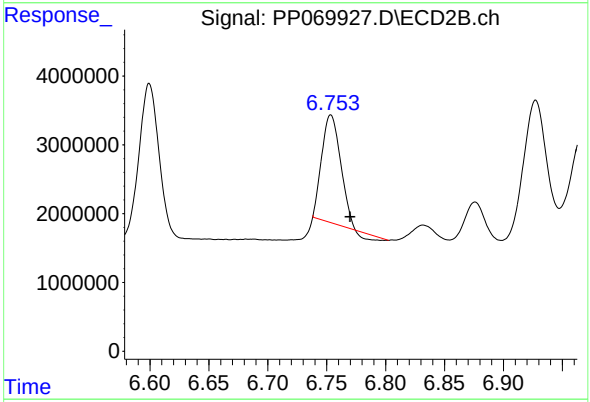
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 26848926
Conc: 437.97 ng/ml



#33 AR-1260-3

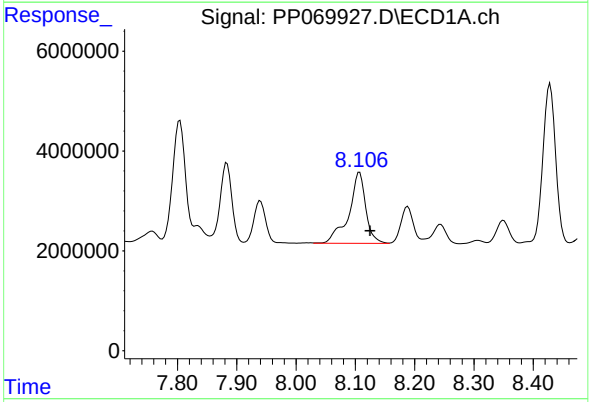
R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 22173479
Conc: 354.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



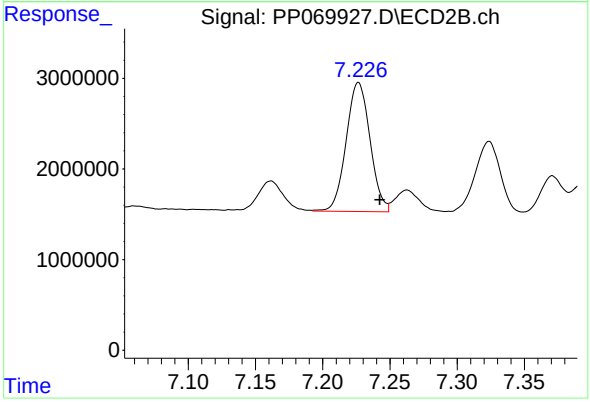
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 16787968
Conc: 279.07 ng/ml



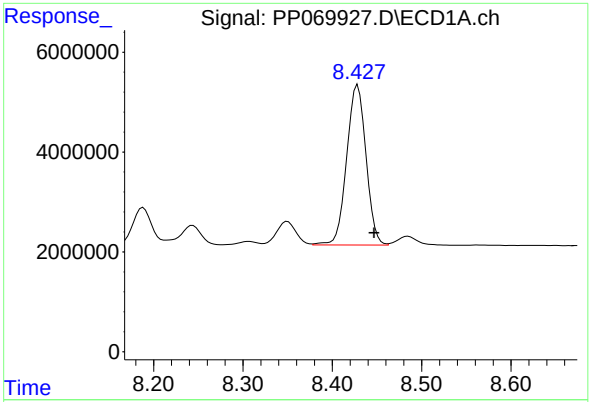
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: -0.018 min
Response: 28312961
Conc: 429.14 ng/ml



#34 AR-1260-4

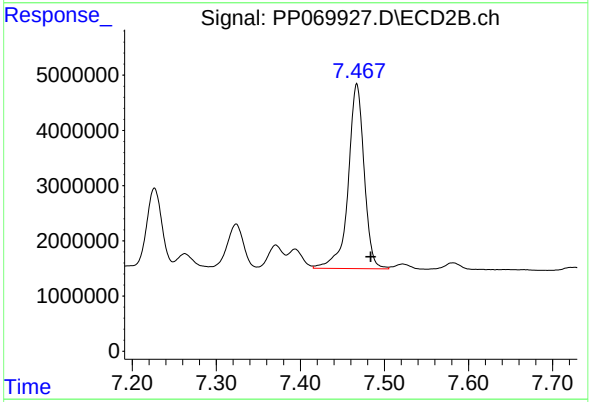
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 17612644
Conc: 379.03 ng/ml



#35 AR-1260-5

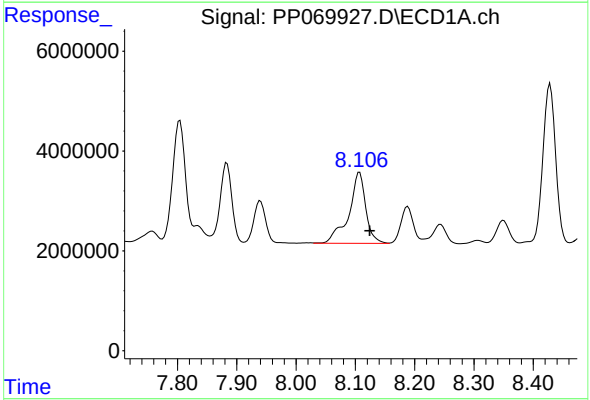
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 48329219
Conc: 369.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



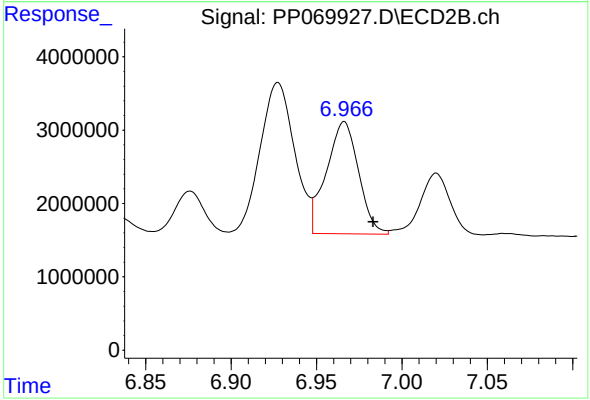
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.016 min
Response: 44103270
Conc: 396.81 ng/ml



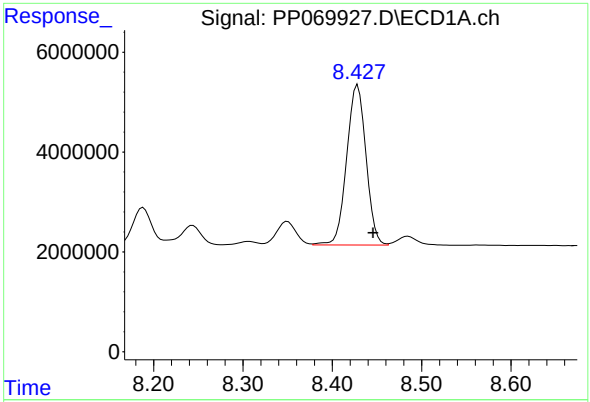
#36 AR-1262-1

R.T.: 8.107 min
Delta R.T.: -0.017 min
Response: 28312961
Conc: 358.31 ng/ml



#36 AR-1262-1

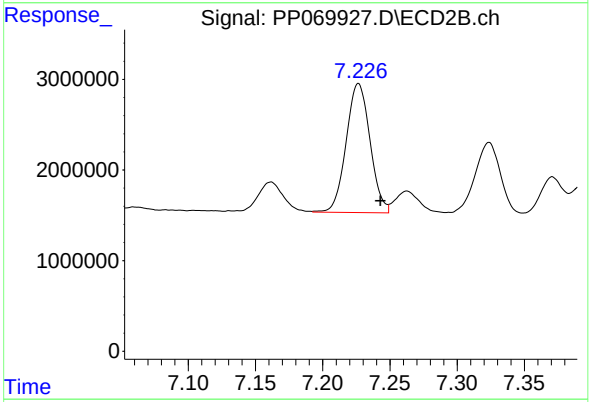
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 20076937
Conc: 282.72 ng/ml



#37 AR-1262-2

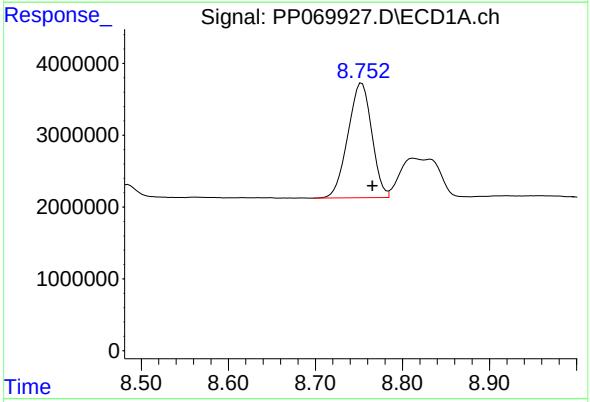
R.T.: 8.428 min
Delta R.T.: -0.017 min
Response: 48329219
Conc: 316.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



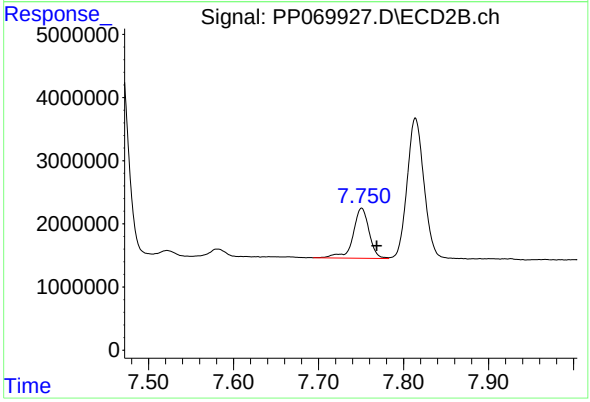
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 17612644
Conc: 288.83 ng/ml



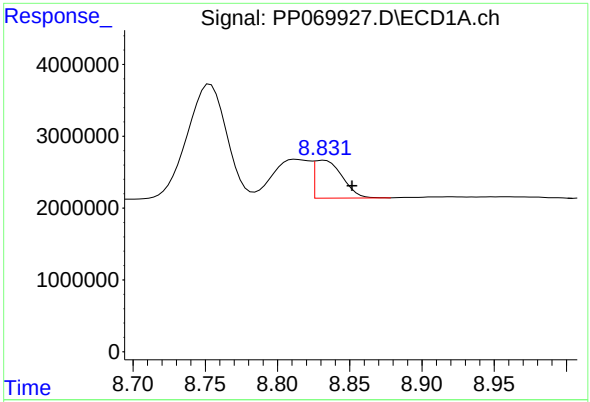
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.012 min
Response: 30421664
Conc: 286.24 ng/ml



#38 AR-1262-3

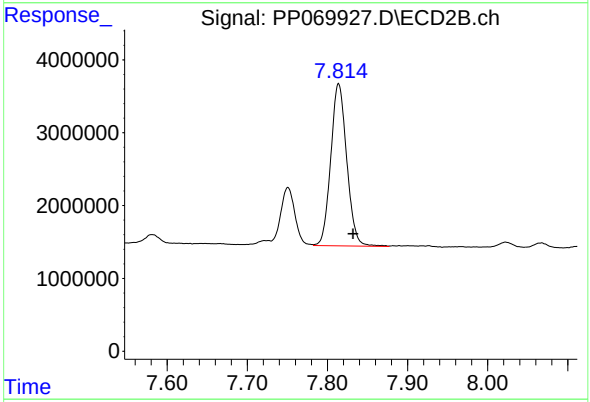
R.T.: 7.751 min
Delta R.T.: -0.018 min
Response: 10394153
Conc: 198.74 ng/ml



#39 AR-1262-4

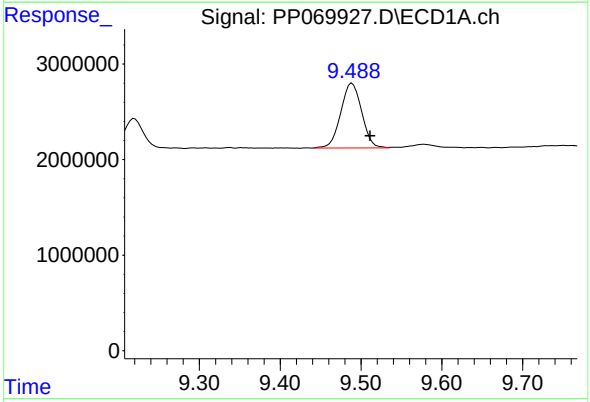
R.T.: 8.832 min
Delta R.T.: -0.019 min
Response: 7070893
Conc: 86.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



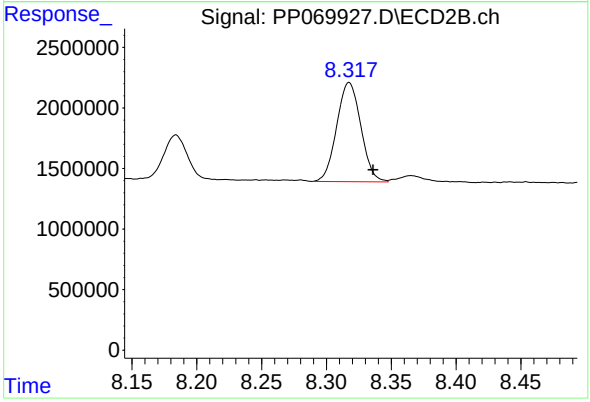
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 30898577
Conc: 334.27 ng/ml



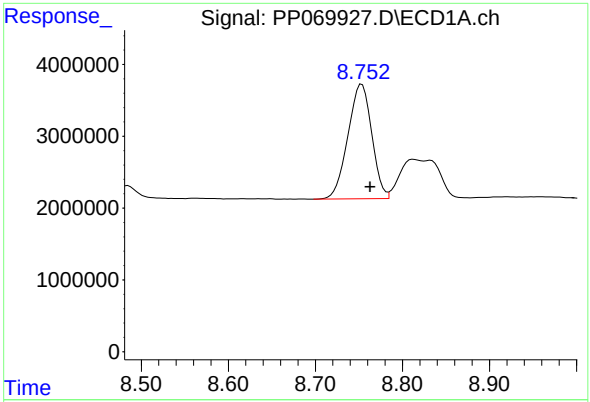
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: -0.022 min
Response: 12183101
Conc: 215.21 ng/ml



#40 AR-1262-5

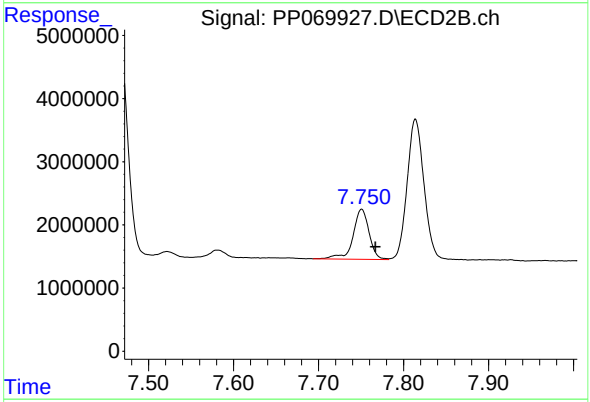
R.T.: 8.318 min
Delta R.T.: -0.018 min
Response: 10625287
Conc: 222.32 ng/ml



#41 AR-1268-1

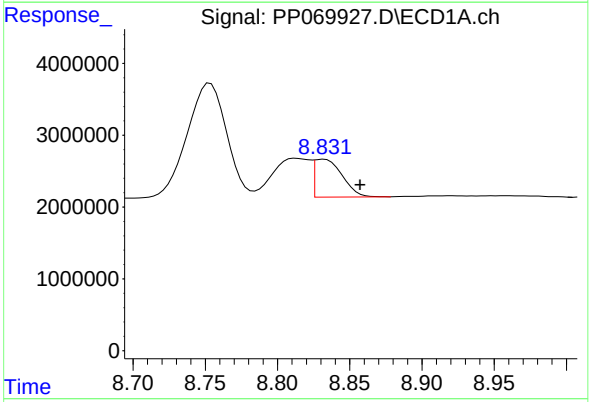
R.T.: 8.753 min
Delta R.T.: -0.009 min
Response: 30421664
Conc: 172.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



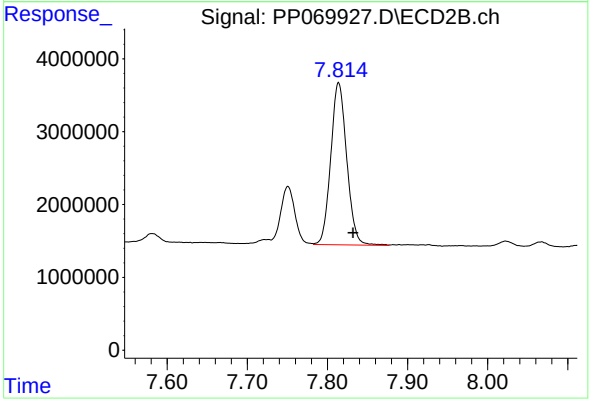
#41 AR-1268-1

R.T.: 7.751 min
Delta R.T.: -0.016 min
Response: 10394153
Conc: 71.62 ng/ml



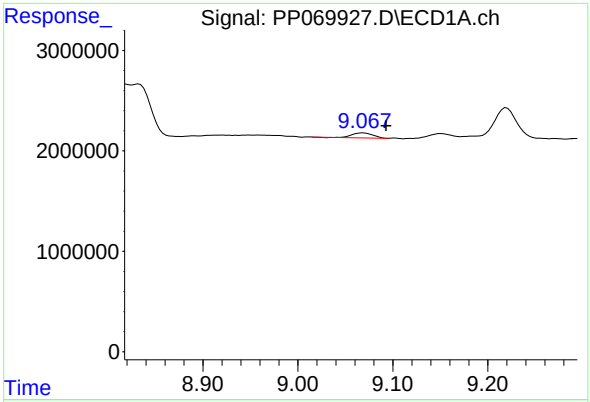
#42 AR-1268-2

R.T.: 8.832 min
Delta R.T.: -0.025 min
Response: 7070893
Conc: 44.93 ng/ml



#42 AR-1268-2

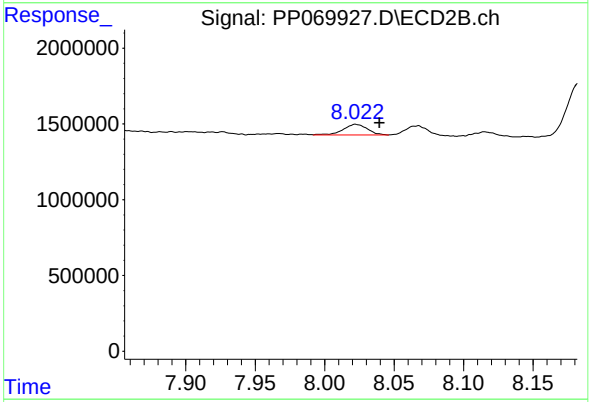
R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 30898577
Conc: 232.64 ng/ml



#43 AR-1268-3

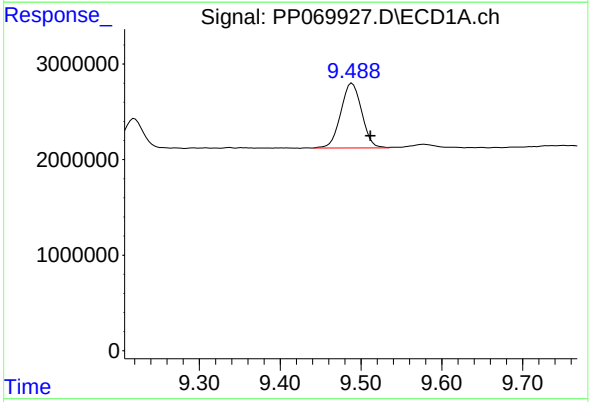
R.T.: 9.068 min
Delta R.T.: -0.024 min
Response: 769954
Conc: 5.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



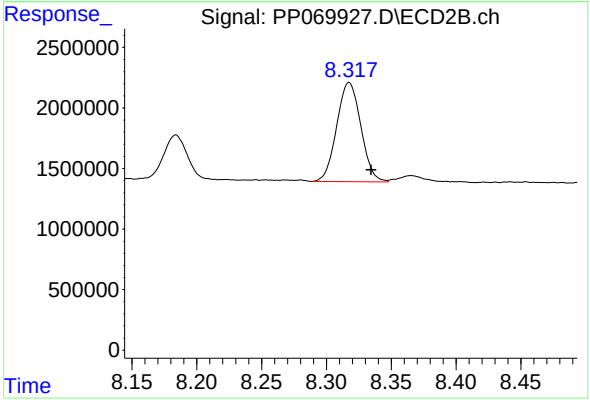
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 851167
Conc: 7.48 ng/ml



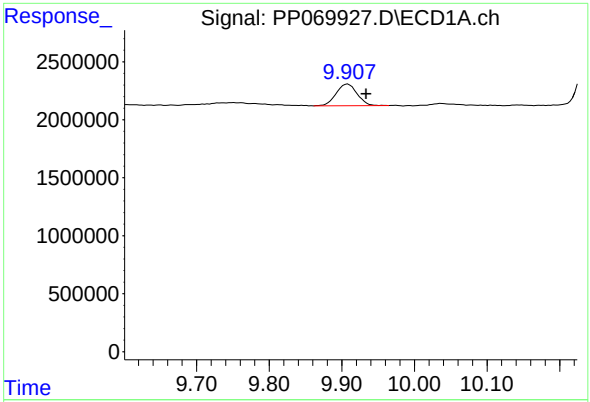
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: -0.022 min
Response: 12183101
Conc: 207.48 ng/ml



#44 AR-1268-4

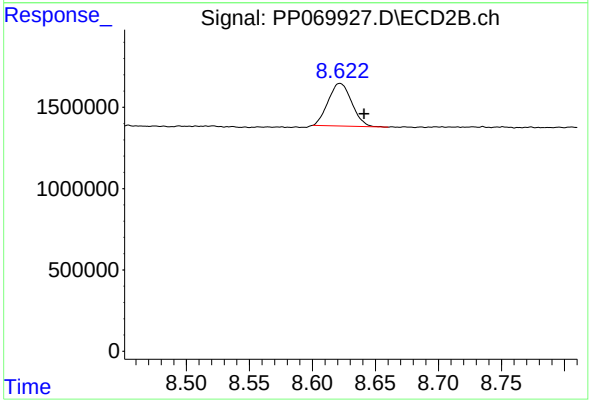
R.T.: 8.318 min
Delta R.T.: -0.017 min
Response: 10625287
Conc: 204.03 ng/ml



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: -0.025 min
Response: 3771400
Conc: 9.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-01-021725MSD



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 3423392
Conc: 9.61 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:02
Operator : YP\AJ
Sample : Q1382-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:54:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.830	38938334	22641224	27.201	25.367	
2)	SA Decachlor...	10.256	8.888	25791515	26360073	23.599	23.568	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.940	0	34773	N.D.	1.066	#
4)	L1 AR-1016-2	0.000	4.953	0	49568	N.D.	1.103	#
5)	L1 AR-1016-3	0.000	5.128	0	66389	N.D.	2.668	#
6)	L1 AR-1016-4	0.000	5.158	0	342809	N.D.	16.974	#
7)	L1 AR-1016-5	0.000	5.395	0	116011	N.D.	4.325	#
8)	L2 AR-1221-1	0.000	4.048	0	307351	N.D.	24.951	#
9)	L2 AR-1221-2	4.830	4.135	743049	691954	54.267	71.458	#
10)	L2 AR-1221-3	4.932	4.208	303318	86062	7.232	2.950	#
11)	L3 AR-1232-1	4.932f	4.208	303318	86062	9.110	3.665	#
12)	L3 AR-1232-2	5.383f	4.953	502214	49568	30.731	2.103	#
13)	L3 AR-1232-3	0.000	5.128	0	66389	N.D.	5.128	#
14)	L3 AR-1232-4	0.000	5.200	0	154381	N.D.	13.925	#
15)	L3 AR-1232-5	5.952	5.395	401099	116011	34.992	9.501	#
16)	L4 AR-1242-1	0.000	4.926	0	55237	N.D.	1.916	#
17)	L4 AR-1242-2	0.000	4.953	0	49568	N.D.	1.258	#
18)	L4 AR-1242-3	0.000	5.128	0	66389	N.D.	2.950	#
19)	L4 AR-1242-4	0.000	5.200	0	154381	N.D.	7.153	#
20)	L4 AR-1242-5	0.000	5.727	0	873024	N.D.	30.347	#
21)	L5 AR-1248-1	0.000	4.940	0	34773	N.D.	1.580	#
22)	L5 AR-1248-2	5.952	5.158	401099	342809	9.450	11.402	
23)	L5 AR-1248-3	0.000	5.200	0	154381	N.D.	4.983	#
24)	L5 AR-1248-4	6.530	5.395	1163444	116011	21.107	3.140	#
25)	L5 AR-1248-5	0.000	5.770	0	285856	N.D.	7.645	#
26)	L6 AR-1254-1	6.530	5.727	1163444	873024	20.107	15.857	
27)	L6 AR-1254-2	6.746	5.874	1403148	828256	17.486	17.124	
28)	L6 AR-1254-3	7.109	6.279	1022377	1182636	12.130	15.582	#
29)	L6 AR-1254-4	7.392	6.510	955959	851214	14.019	16.609	
30)	L6 AR-1254-5	0.000	6.926	0	367602	N.D.	5.523	#
31)	L7 AR-1260-1	0.000	6.410	0	574655	N.D.	11.915	#
32)	L7 AR-1260-2	7.531	6.598	680253	687488	8.742	11.214	#
33)	L7 AR-1260-3	0.000	6.754	0	619824	N.D.	10.304	#
34)	L7 AR-1260-4	8.092	7.256	948346	168397	14.374	3.624	#
35)	L7 AR-1260-5	8.396f	7.432f	756258	180646	5.776	1.625	#
36)	L8 AR-1262-1	8.092	6.926f	948346	367602	12.002	5.177	#
37)	L8 AR-1262-2	8.396f	7.256	756258	168397	4.945	2.762	#
38)	L8 AR-1262-3	0.000	7.725f	0	76908	N.D.	1.471	#
40)	L8 AR-1262-5	0.000	8.271f	0	97610	N.D.	2.042	#
41)	L9 AR-1268-1	0.000	7.725f	0	76908	N.D.	0.530	#
43)	L9 AR-1268-3	0.000	8.021	0	109293	N.D.	0.961	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:02
Operator : YP\AJ
Sample : Q1382-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:54:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.271f	0	97610	N.D.	1.874 #
45) L9	AR-1268-5	0.000	8.620	0	102261	N.D.	0.287 #

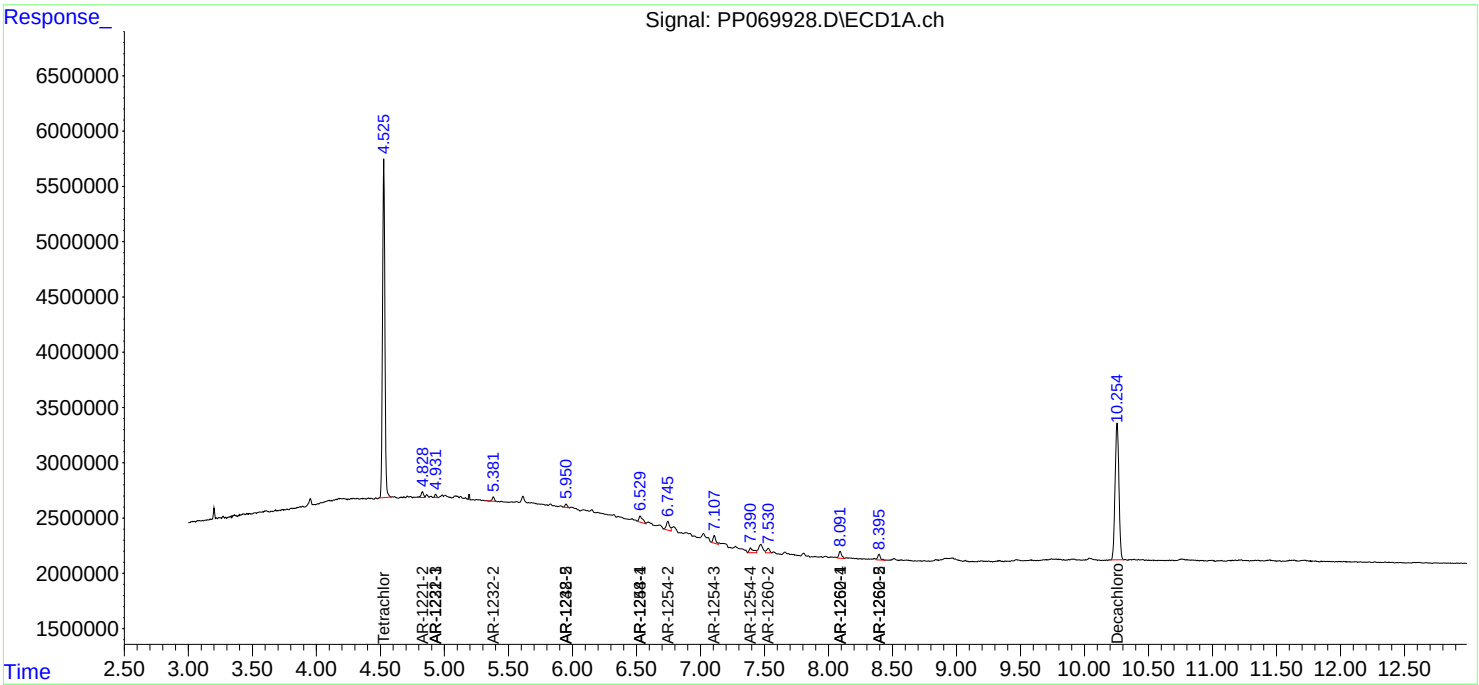
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

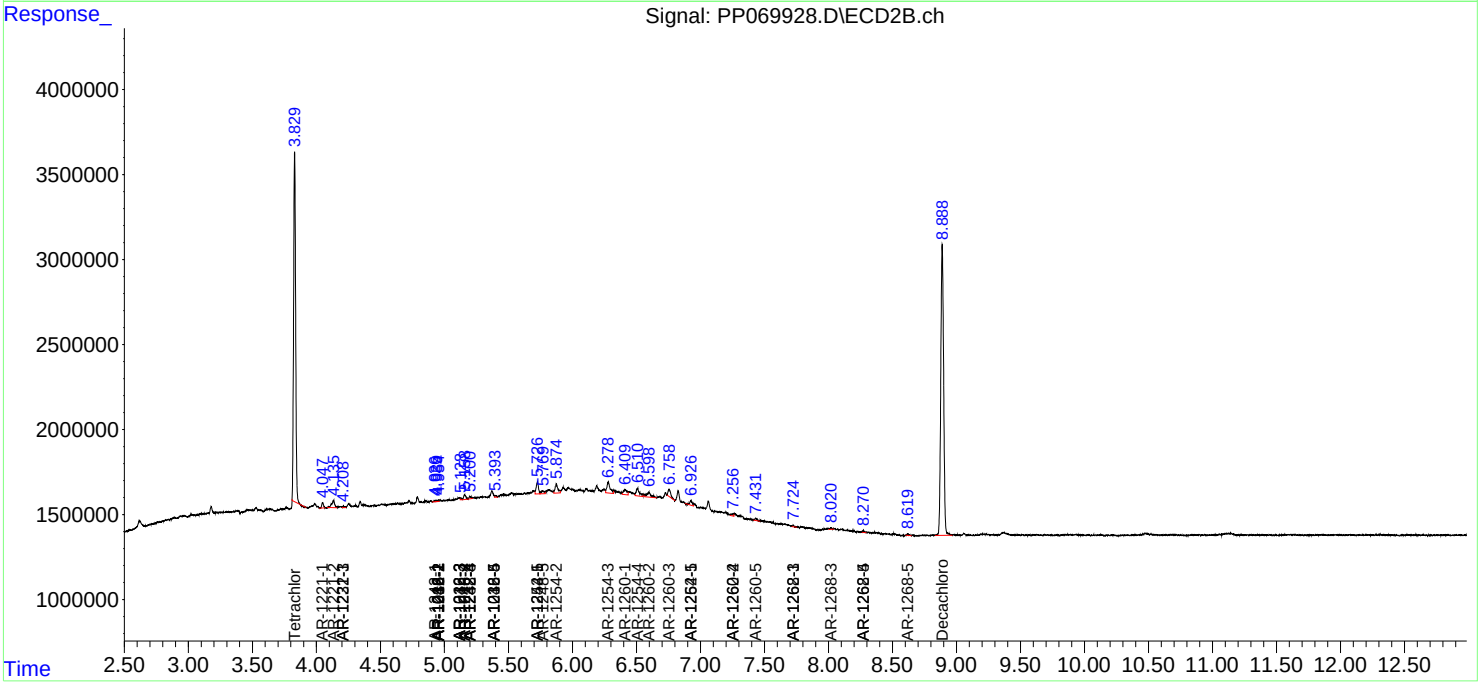
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:02
Operator : YP\AJ
Sample : Q1382-03RE
Misc :
ALS Vial : 23 Sample Multiplier: 1

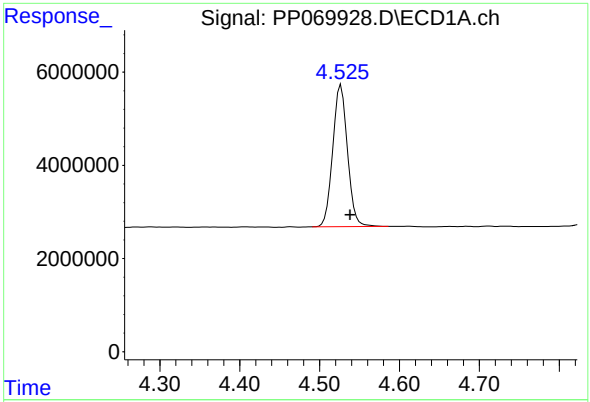
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:54:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



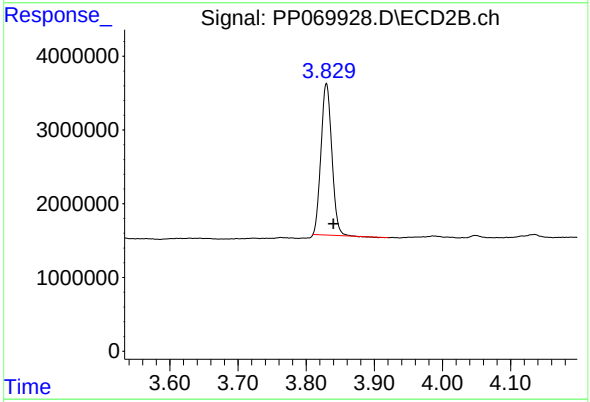




#1 Tetrachloro-m-xylene

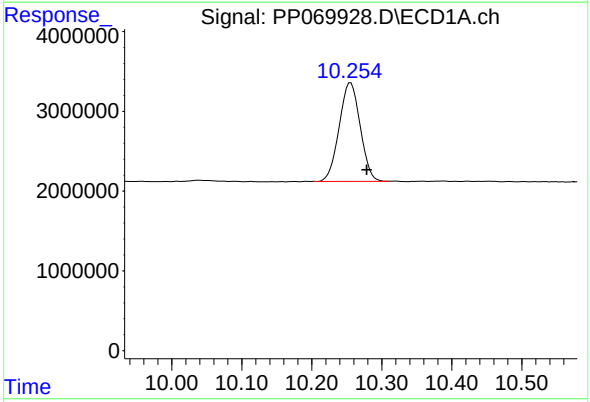
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 38938334
Conc: 27.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



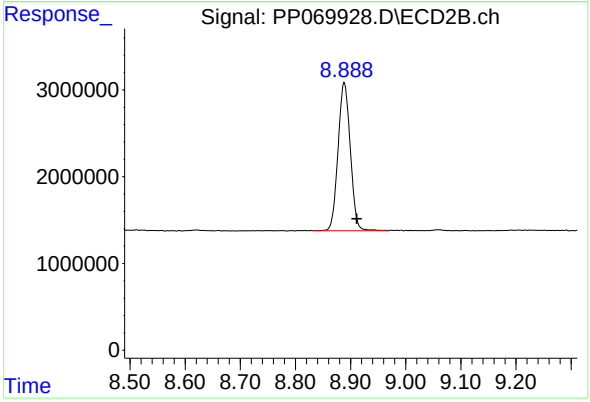
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22641224
Conc: 25.37 ng/ml



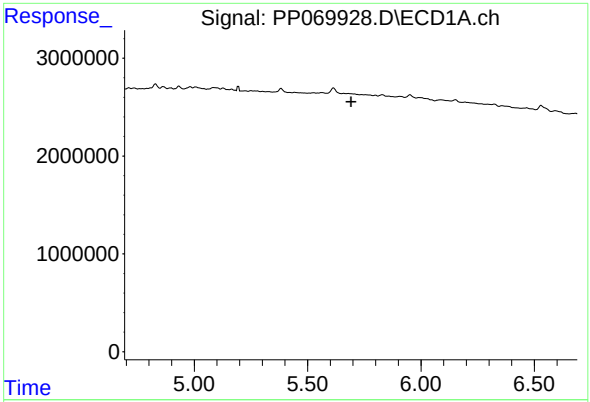
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 25791515
Conc: 23.60 ng/ml



#2 Decachlorobiphenyl

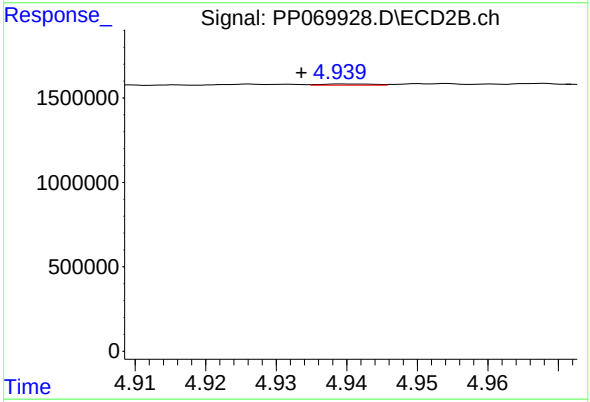
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26360073
Conc: 23.57 ng/ml



#3 AR-1016-1

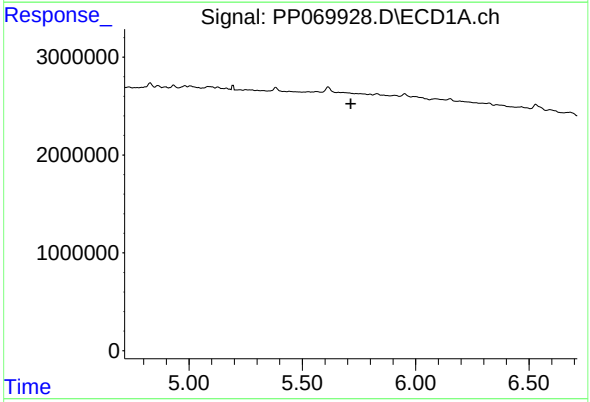
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



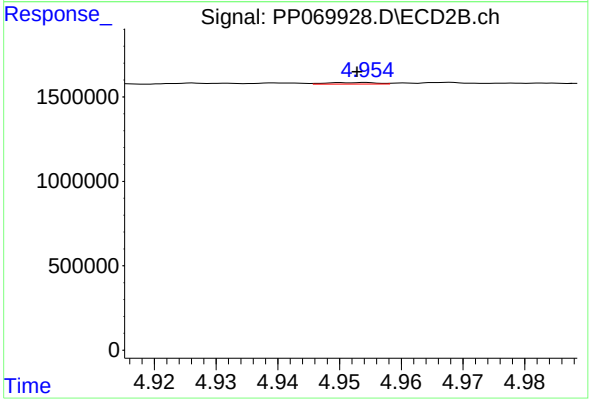
#3 AR-1016-1

R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 34773
Conc: 1.07 ng/ml



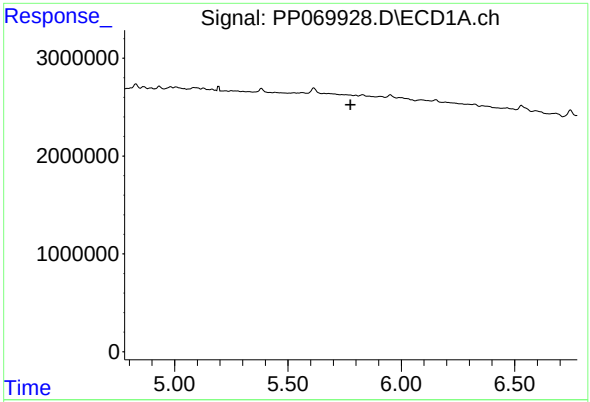
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

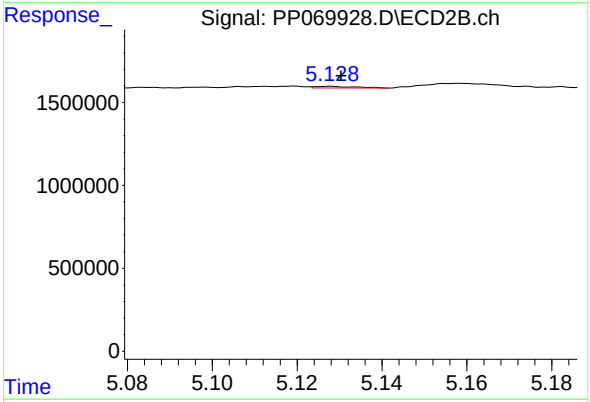
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 49568
Conc: 1.10 ng/ml



#5 AR-1016-3

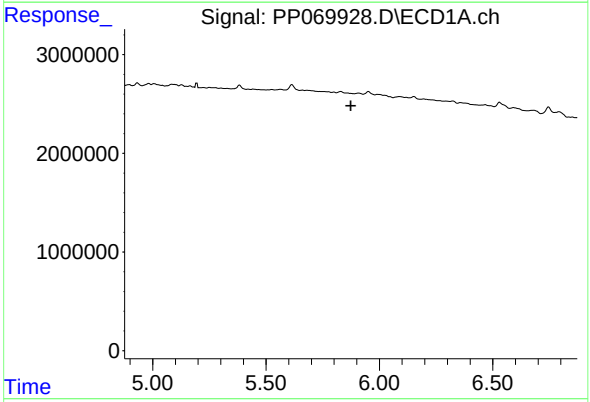
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



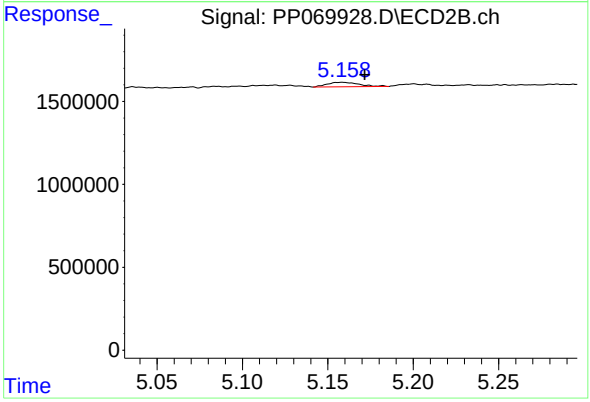
#5 AR-1016-3

R.T.: 5.128 min
Delta R.T.: -0.003 min
Response: 66389
Conc: 2.67 ng/ml



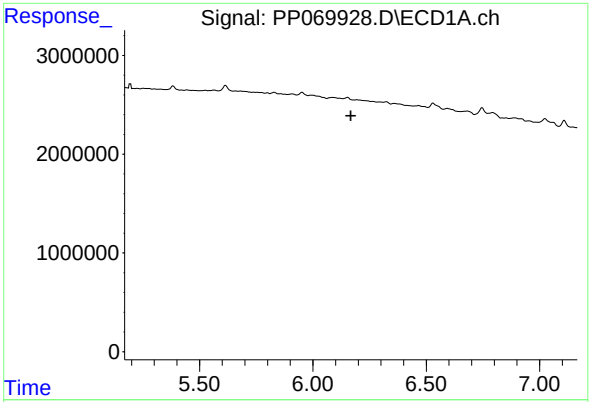
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

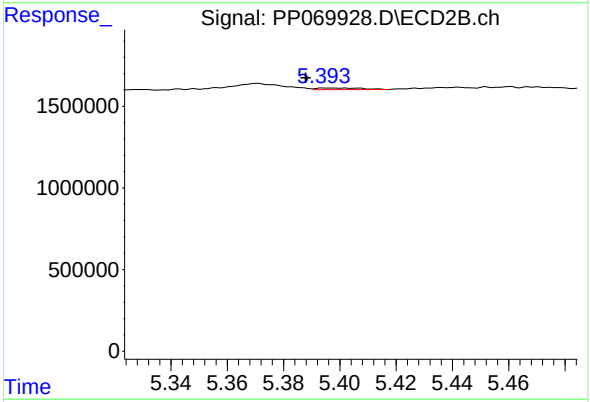
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 342809
Conc: 16.97 ng/ml



#7 AR-1016-5

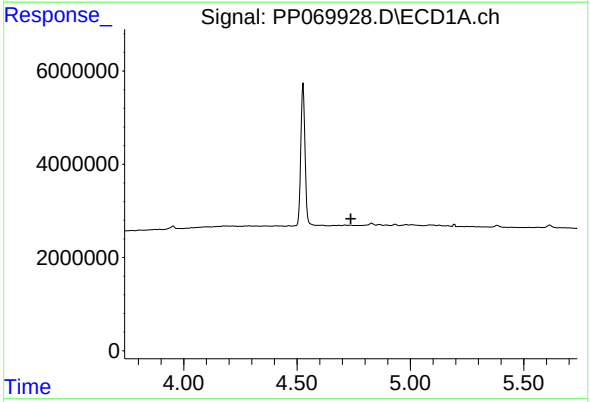
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



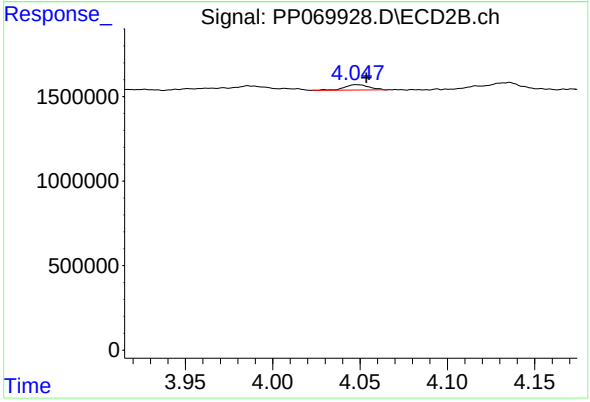
#7 AR-1016-5

R.T.: 5.395 min
Delta R.T.: 0.008 min
Response: 116011
Conc: 4.32 ng/ml



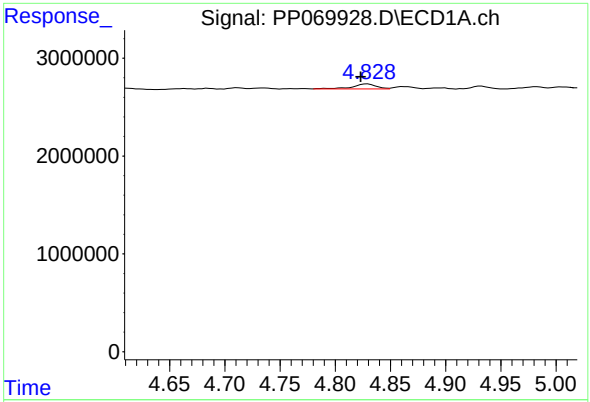
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

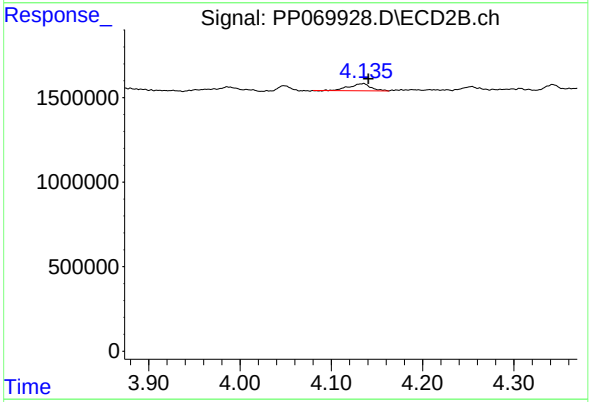
R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 307351
Conc: 24.95 ng/ml



#9 AR-1221-2

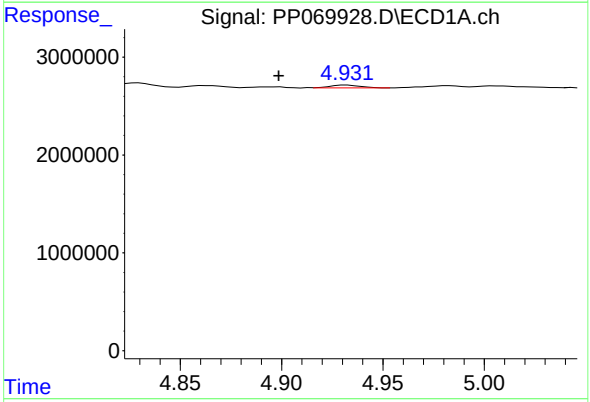
R.T.: 4.830 min
Delta R.T.: 0.006 min
Response: 743049
Conc: 54.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



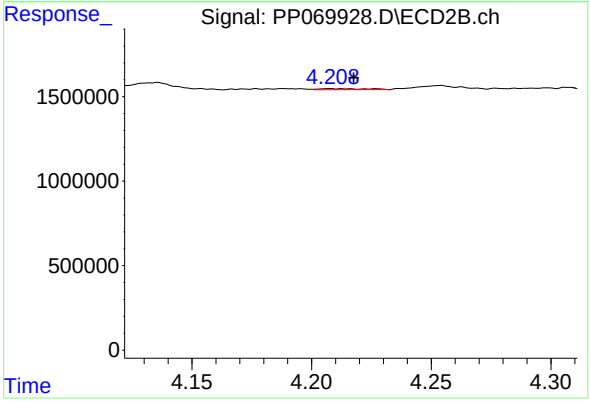
#9 AR-1221-2

R.T.: 4.135 min
Delta R.T.: -0.005 min
Response: 691954
Conc: 71.46 ng/ml



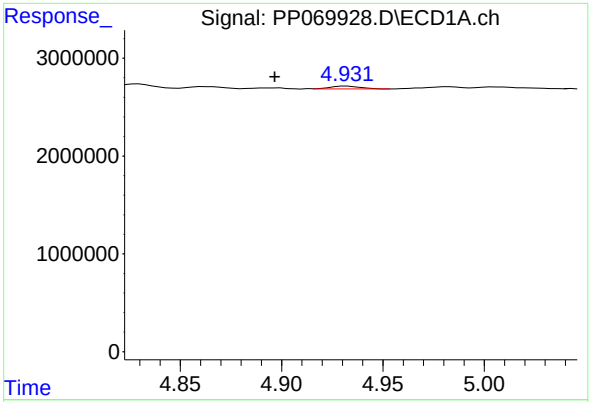
#10 AR-1221-3

R.T.: 4.932 min
Delta R.T.: 0.034 min
Response: 303318
Conc: 7.23 ng/ml



#10 AR-1221-3

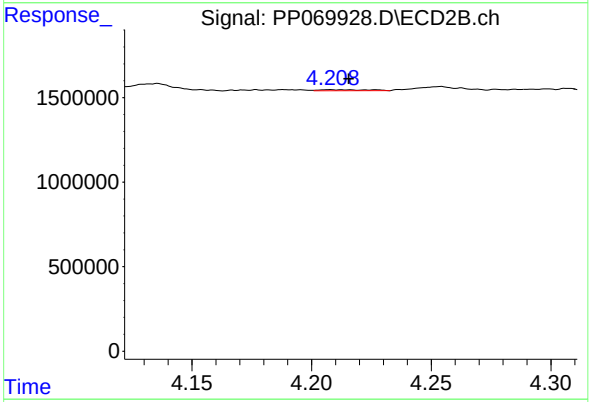
R.T.: 4.208 min
Delta R.T.: -0.010 min
Response: 86062
Conc: 2.95 ng/ml



#11 AR-1232-1

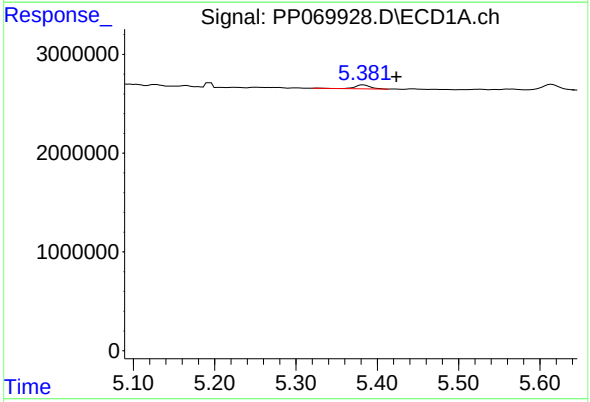
R.T.: 4.932 min
Delta R.T.: 0.036 min
Response: 303318
Conc: 9.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



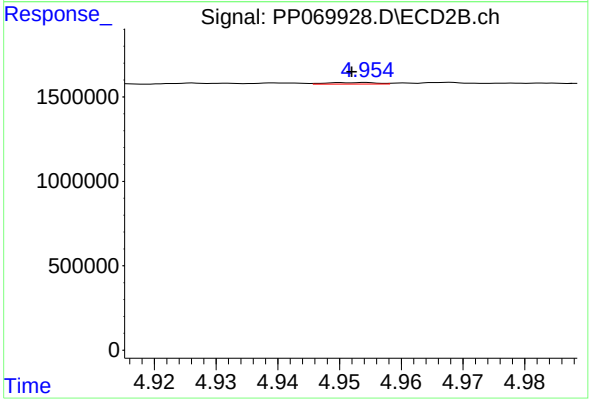
#11 AR-1232-1

R.T.: 4.208 min
Delta R.T.: -0.008 min
Response: 86062
Conc: 3.67 ng/ml



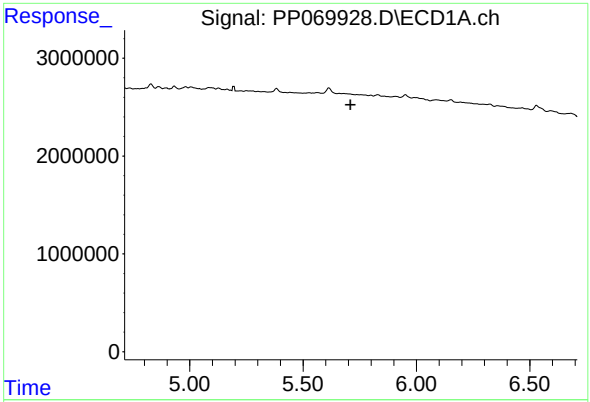
#12 AR-1232-2

R.T.: 5.383 min
Delta R.T.: -0.041 min
Response: 502214
Conc: 30.73 ng/ml



#12 AR-1232-2

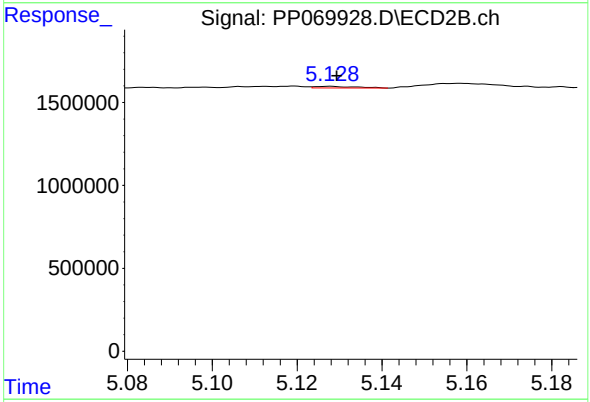
R.T.: 4.953 min
Delta R.T.: 0.001 min
Response: 49568
Conc: 2.10 ng/ml



#13 AR-1232-3

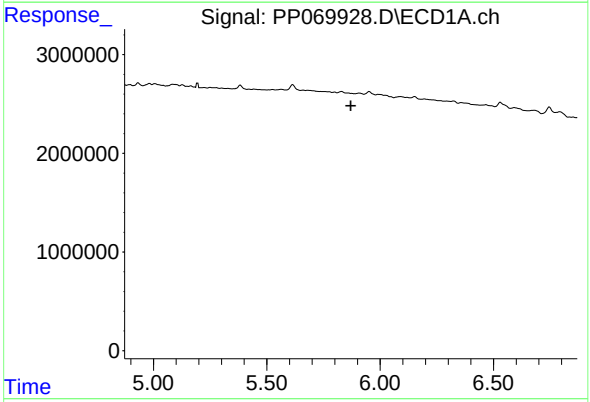
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



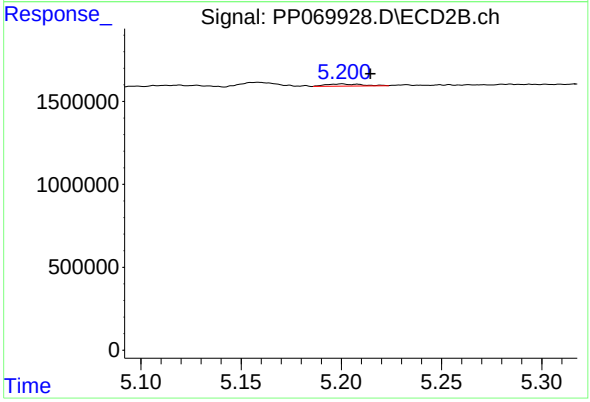
#13 AR-1232-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 66389
Conc: 5.13 ng/ml



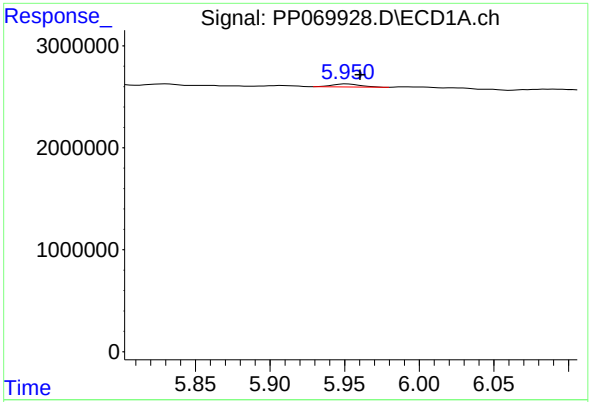
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

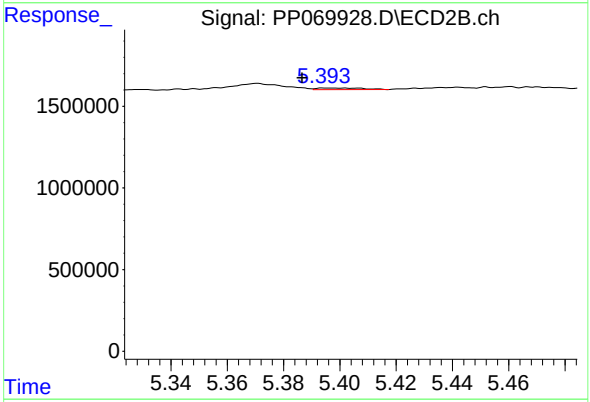
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 154381
Conc: 13.93 ng/ml



#15 AR-1232-5

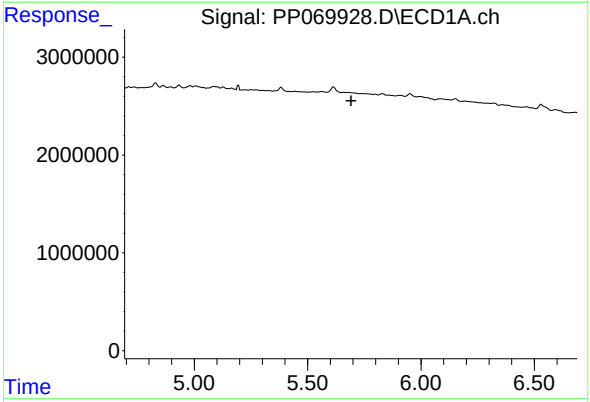
R.T.: 5.952 min
Delta R.T.: -0.009 min
Response: 401099
Conc: 34.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



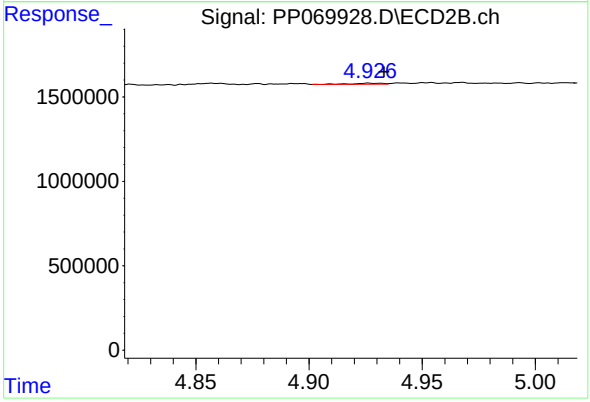
#15 AR-1232-5

R.T.: 5.395 min
Delta R.T.: 0.009 min
Response: 116011
Conc: 9.50 ng/ml



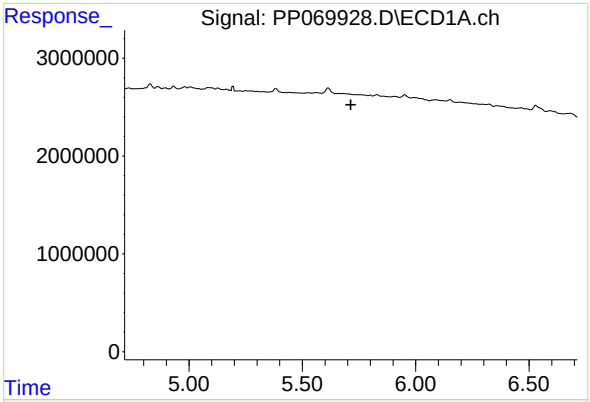
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

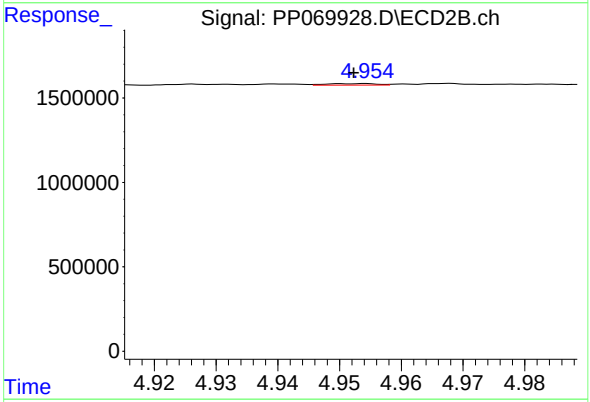
R.T.: 4.926 min
Delta R.T.: -0.007 min
Response: 55237
Conc: 1.92 ng/ml



#17 AR-1242-2

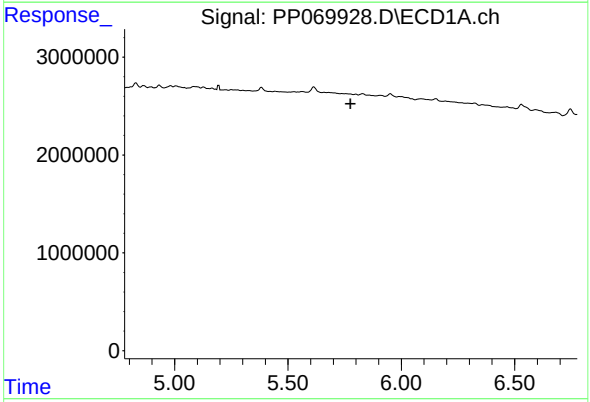
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



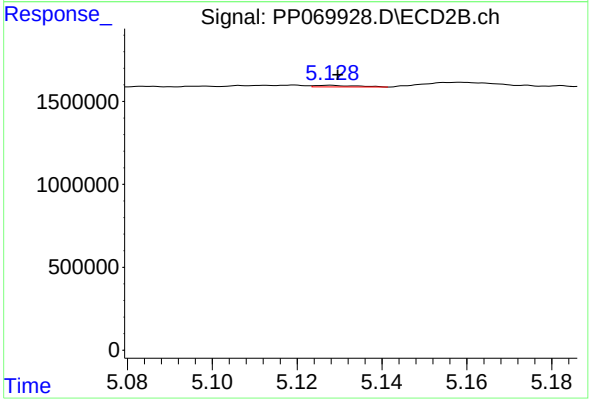
#17 AR-1242-2

R.T.: 4.953 min
Delta R.T.: 0.001 min
Response: 49568
Conc: 1.26 ng/ml



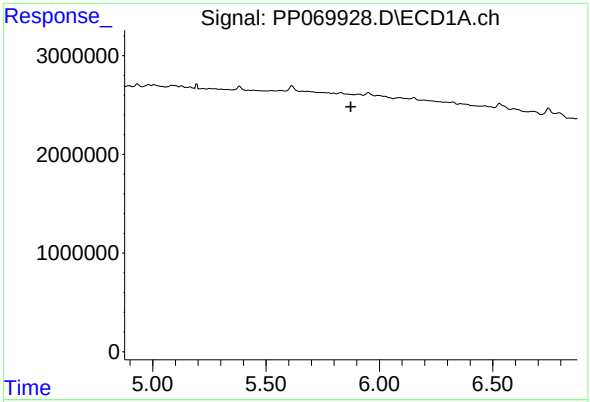
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

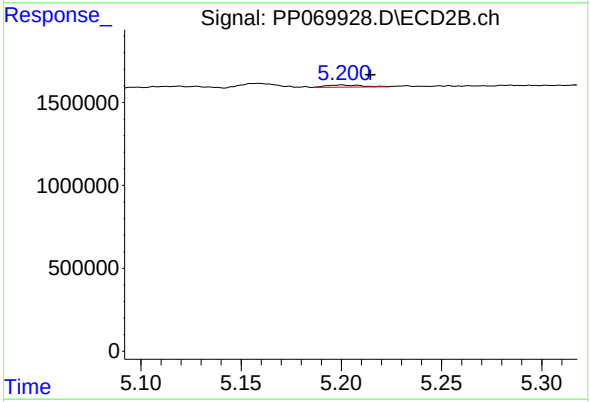
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 66389
Conc: 2.95 ng/ml



#19 AR-1242-4

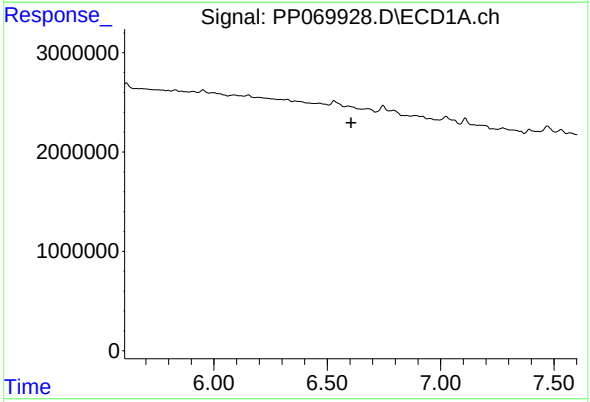
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



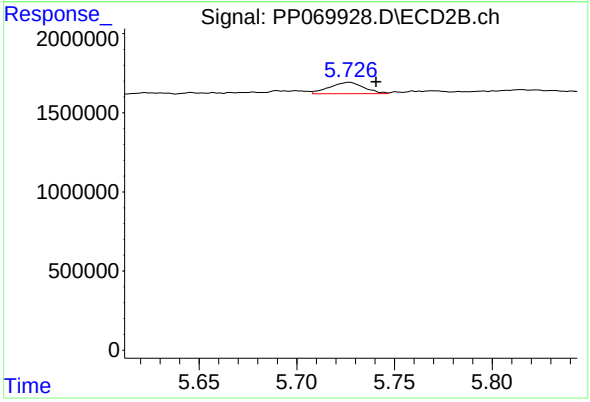
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 154381
Conc: 7.15 ng/ml



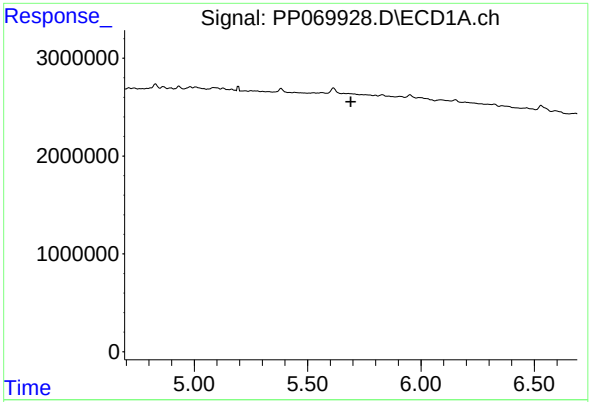
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

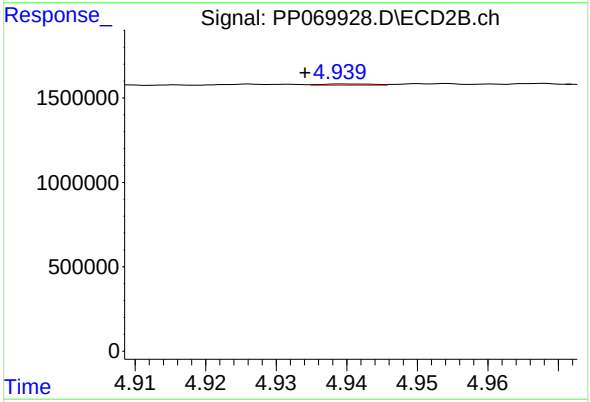
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 873024
Conc: 30.35 ng/ml



#21 AR-1248-1

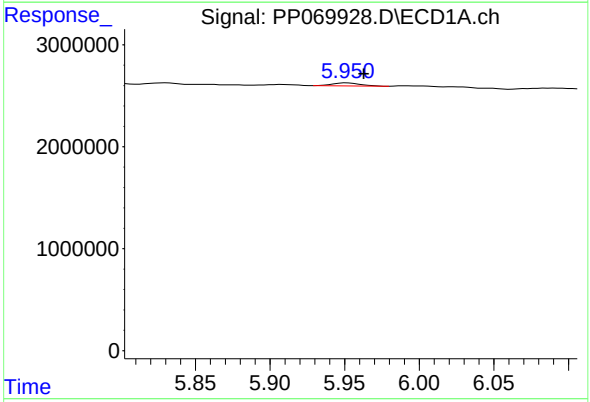
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



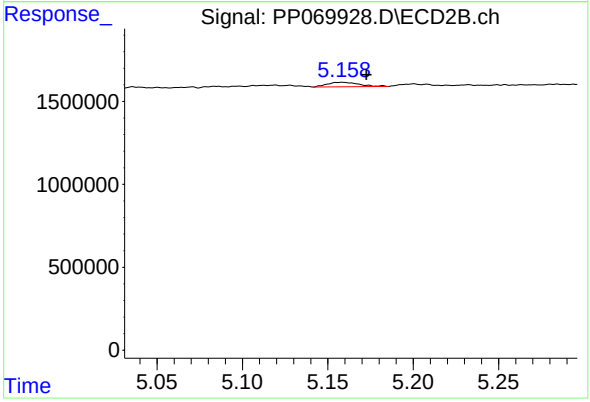
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 34773
Conc: 1.58 ng/ml



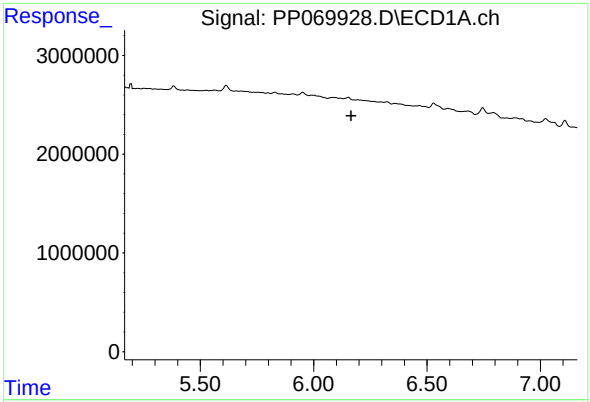
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.011 min
Response: 401099
Conc: 9.45 ng/ml



#22 AR-1248-2

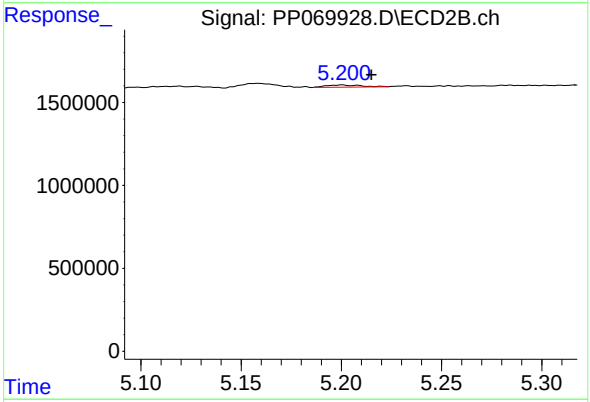
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 342809
Conc: 11.40 ng/ml



#23 AR-1248-3

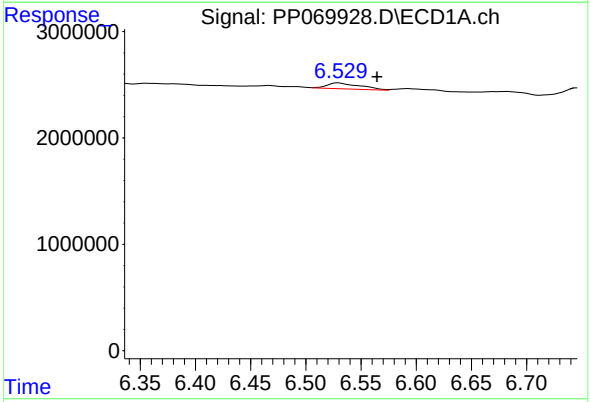
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



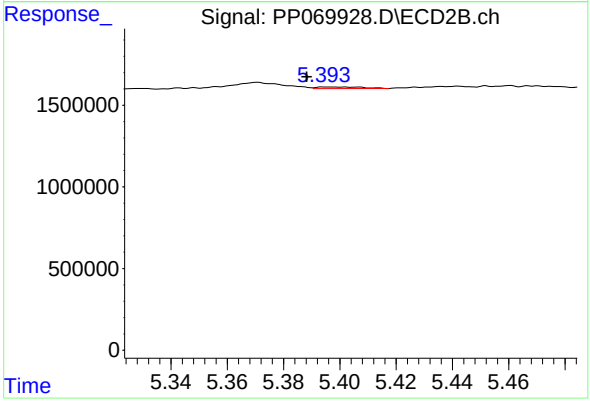
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 154381
Conc: 4.98 ng/ml



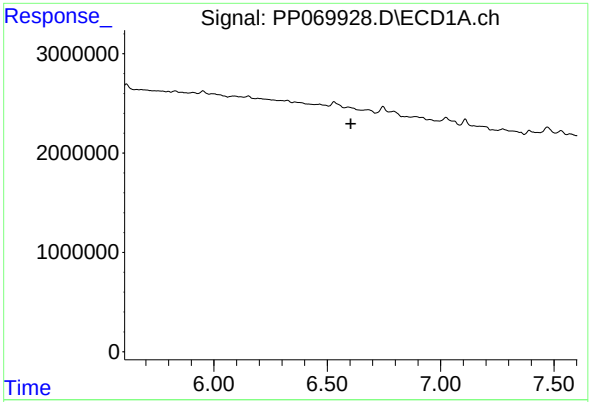
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: -0.035 min
Response: 1163444
Conc: 21.11 ng/ml



#24 AR-1248-4

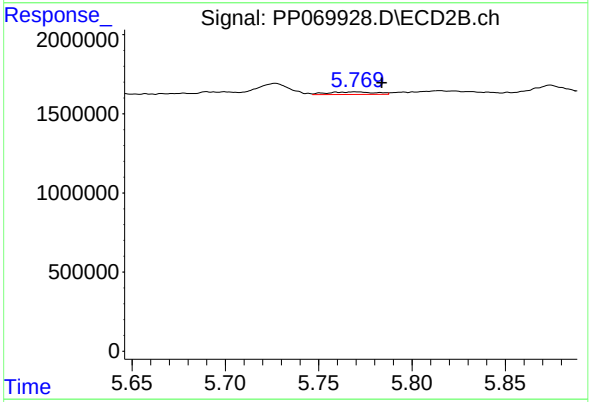
R.T.: 5.395 min
Delta R.T.: 0.007 min
Response: 116011
Conc: 3.14 ng/ml



#25 AR-1248-5

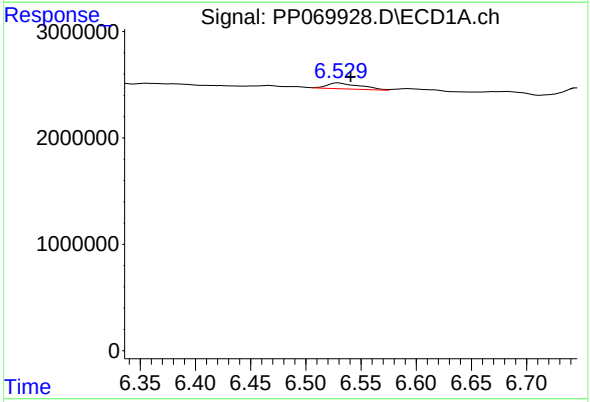
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



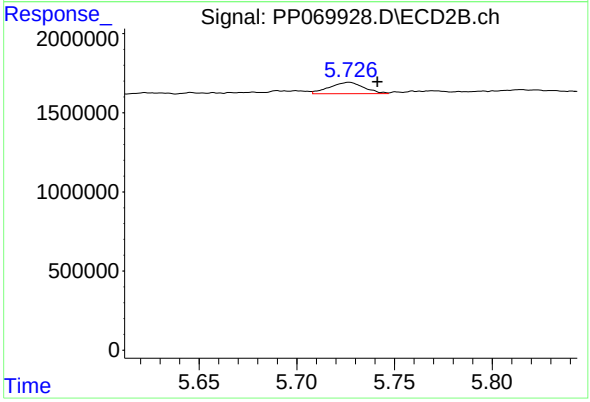
#25 AR-1248-5

R.T.: 5.770 min
Delta R.T.: -0.014 min
Response: 285856
Conc: 7.65 ng/ml



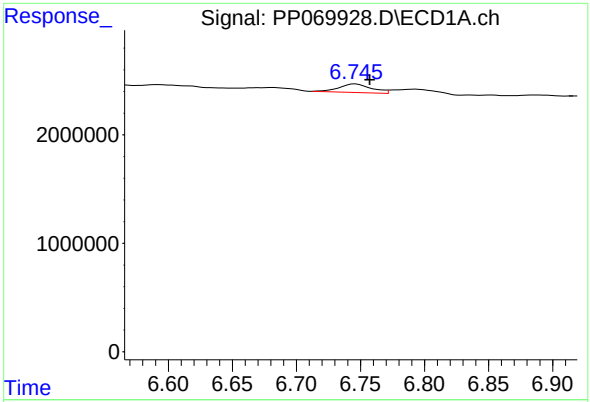
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 1163444
Conc: 20.11 ng/ml



#26 AR-1254-1

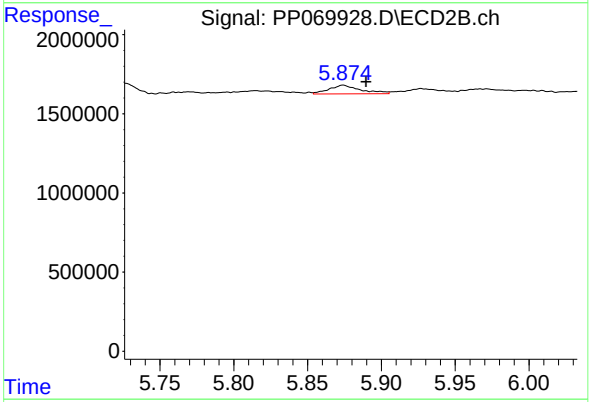
R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 873024
Conc: 15.86 ng/ml



#27 AR-1254-2

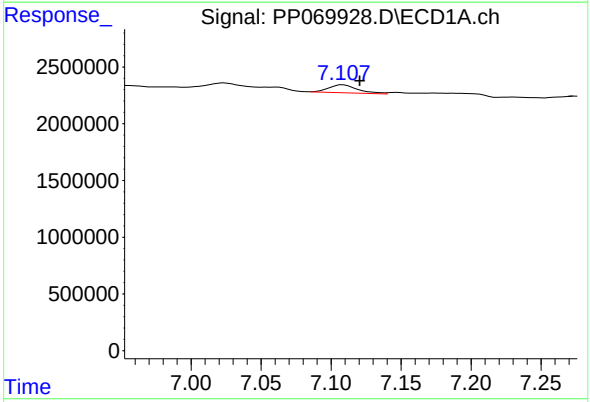
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 1403148
Conc: 17.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



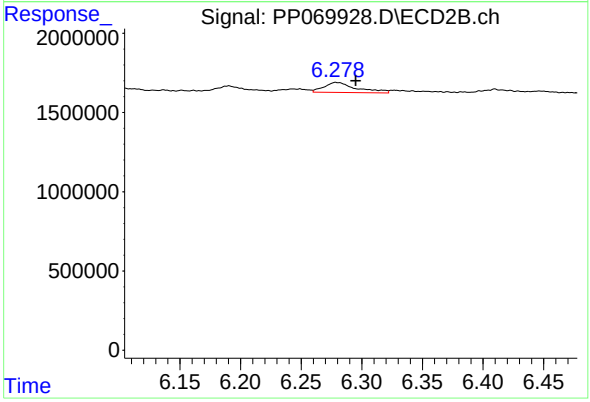
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 828256
Conc: 17.12 ng/ml



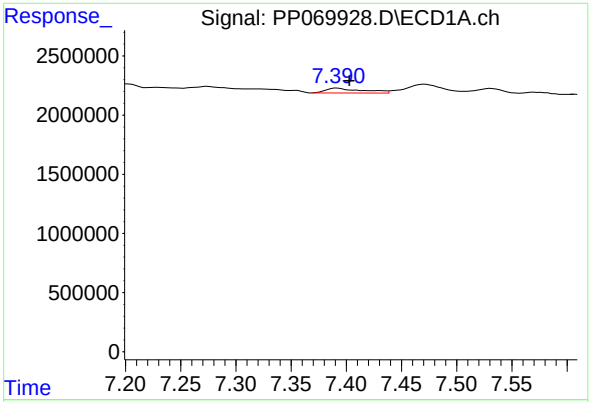
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.012 min
Response: 1022377
Conc: 12.13 ng/ml



#28 AR-1254-3

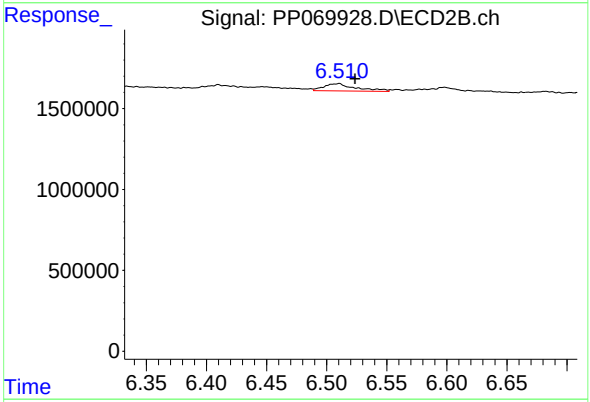
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 1182636
Conc: 15.58 ng/ml



#29 AR-1254-4

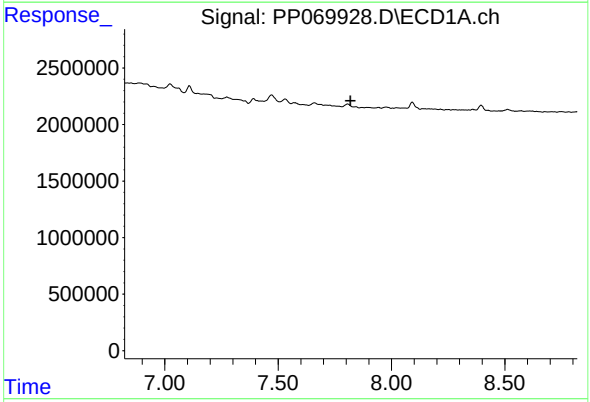
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 955959
Conc: 14.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



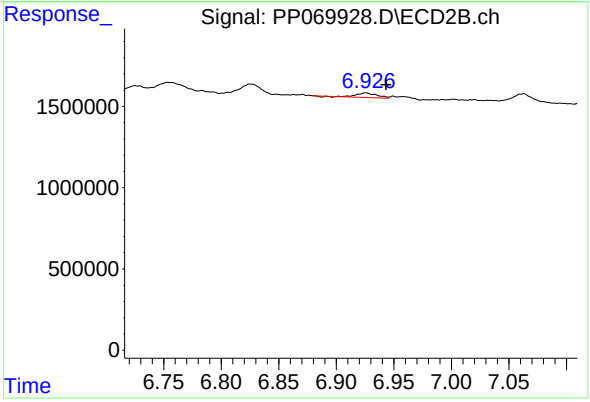
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 851214
Conc: 16.61 ng/ml



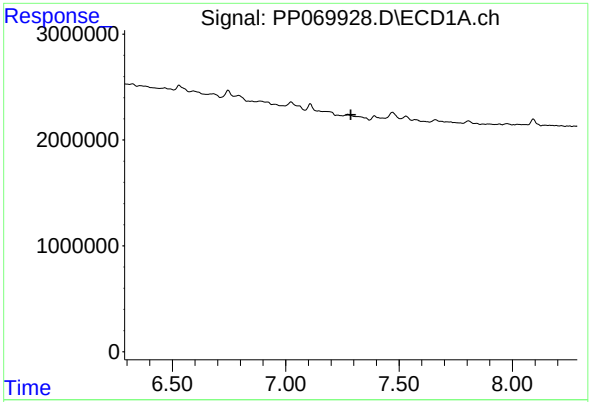
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

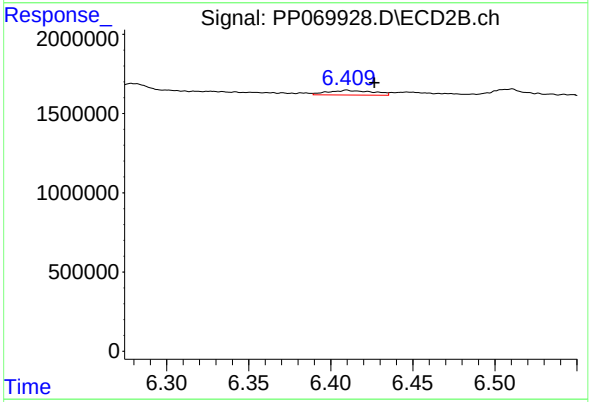
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 367602
Conc: 5.52 ng/ml



#31 AR-1260-1

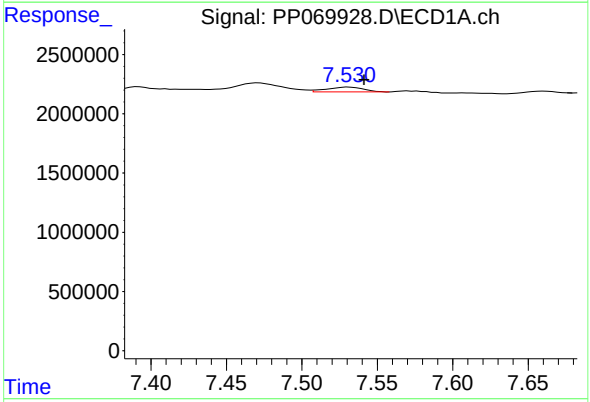
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



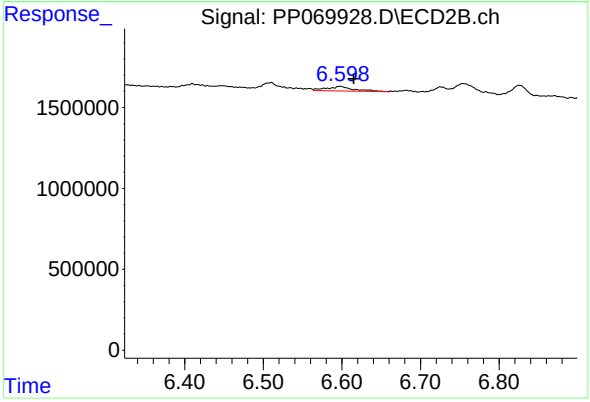
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 574655
Conc: 11.92 ng/ml



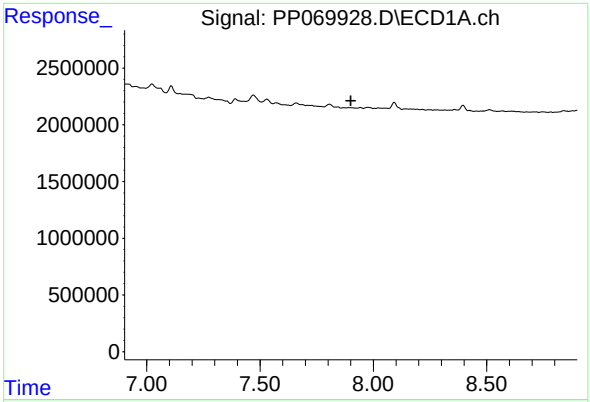
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 680253
Conc: 8.74 ng/ml



#32 AR-1260-2

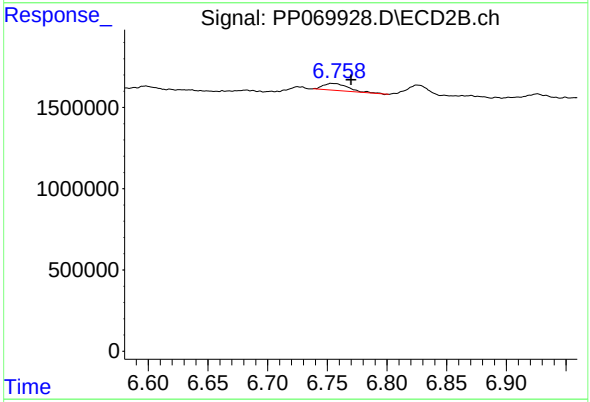
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 687488
Conc: 11.21 ng/ml



#33 AR-1260-3

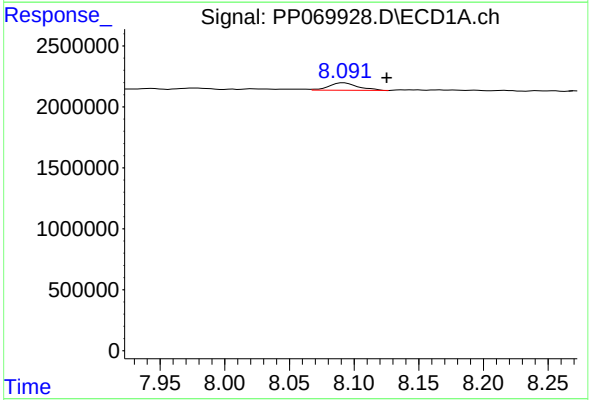
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



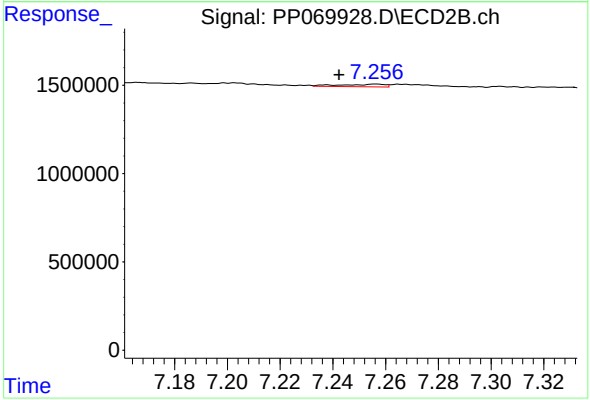
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 619824
Conc: 10.30 ng/ml



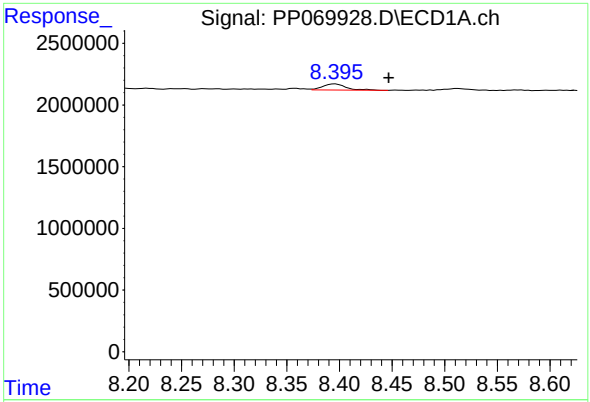
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 948346
Conc: 14.37 ng/ml



#34 AR-1260-4

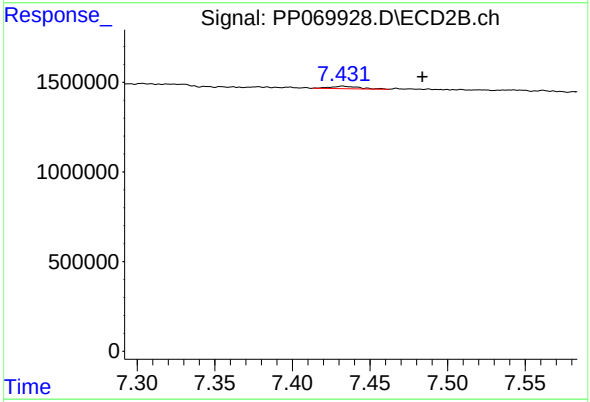
R.T.: 7.256 min
Delta R.T.: 0.014 min
Response: 168397
Conc: 3.62 ng/ml



#35 AR-1260-5

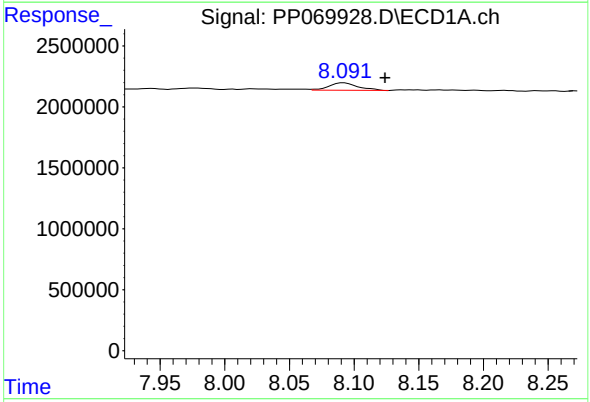
R.T.: 8.396 min
Delta R.T.: -0.051 min
Response: 756258
Conc: 5.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



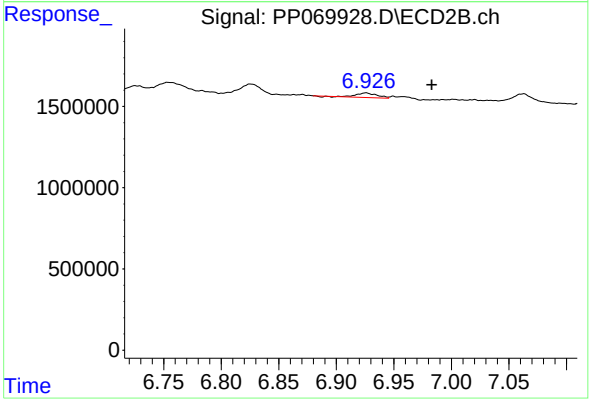
#35 AR-1260-5

R.T.: 7.432 min
Delta R.T.: -0.051 min
Response: 180646
Conc: 1.63 ng/ml



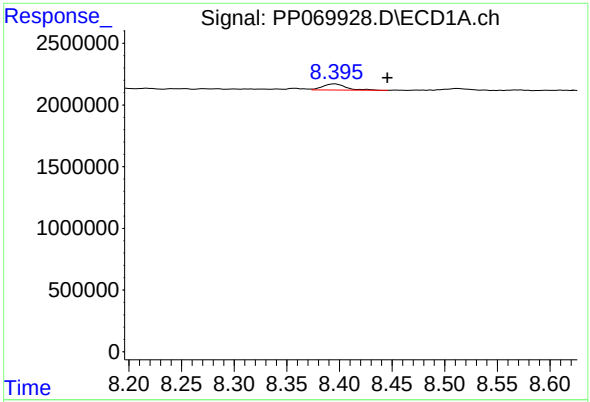
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 948346
Conc: 12.00 ng/ml



#36 AR-1262-1

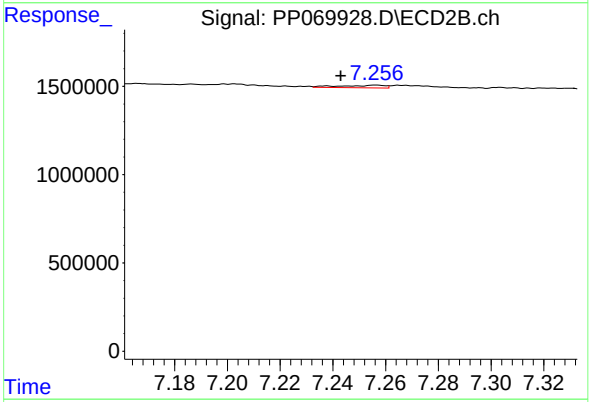
R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 367602
Conc: 5.18 ng/ml



#37 AR-1262-2

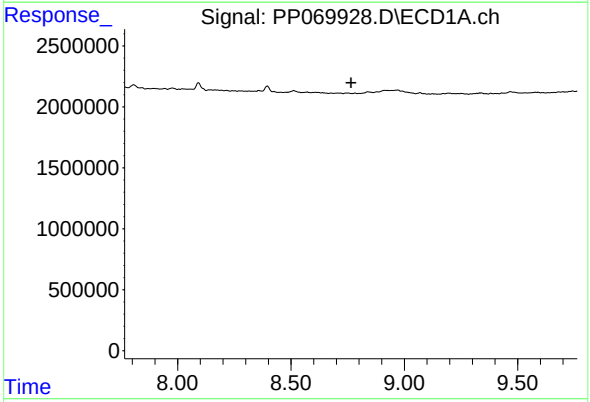
R.T.: 8.396 min
Delta R.T.: -0.050 min
Response: 756258
Conc: 4.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



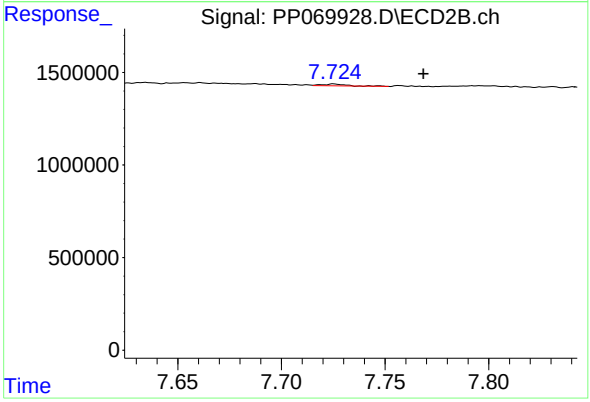
#37 AR-1262-2

R.T.: 7.256 min
Delta R.T.: 0.013 min
Response: 168397
Conc: 2.76 ng/ml



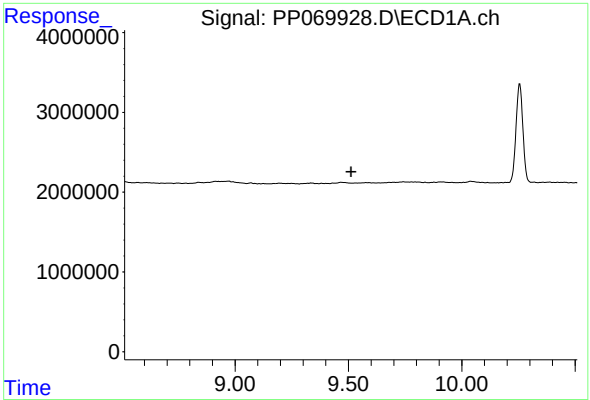
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

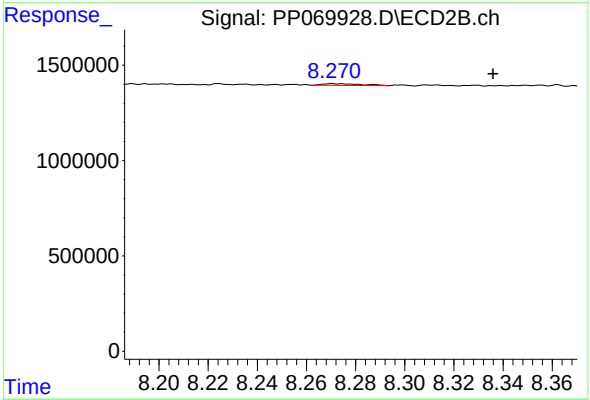
R.T.: 7.725 min
Delta R.T.: -0.043 min
Response: 76908
Conc: 1.47 ng/ml



#40 AR-1262-5

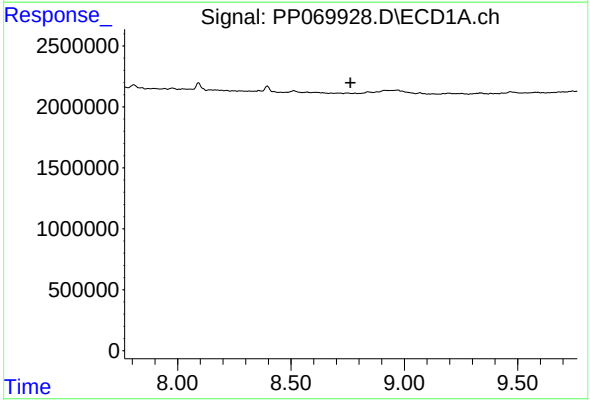
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



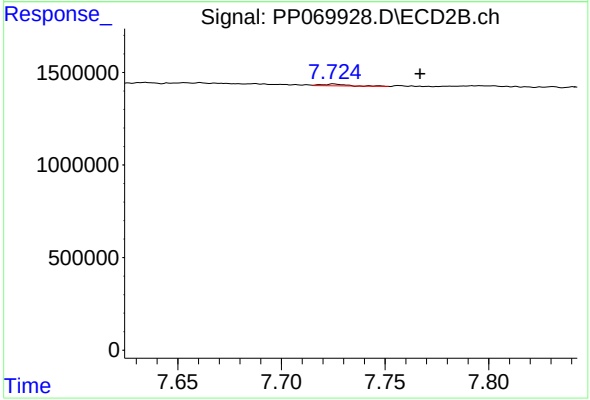
#40 AR-1262-5

R.T.: 8.271 min
Delta R.T.: -0.065 min
Response: 97610
Conc: 2.04 ng/ml



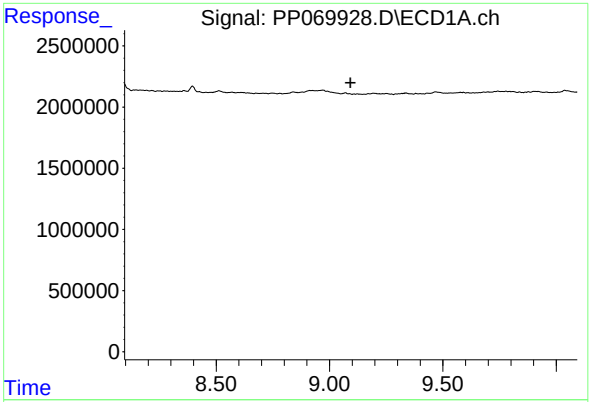
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

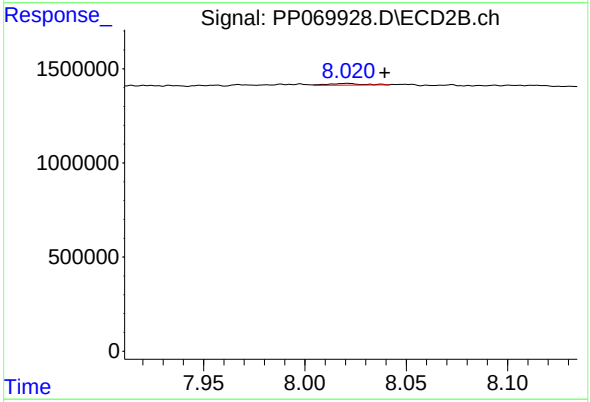
R.T.: 7.725 min
Delta R.T.: -0.042 min
Response: 76908
Conc: 0.53 ng/ml



#43 AR-1268-3

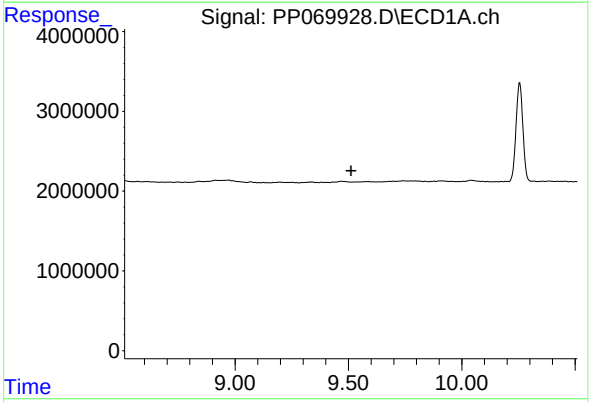
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



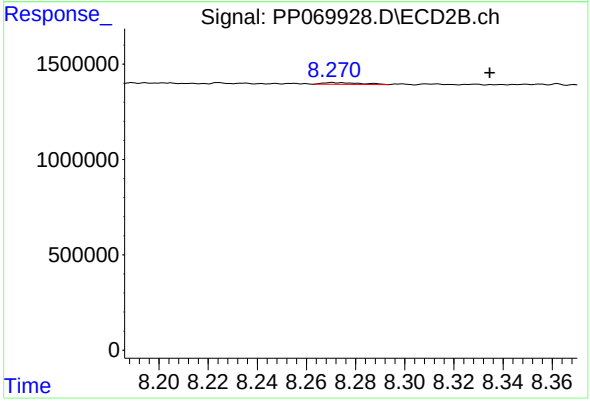
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 109293
Conc: 0.96 ng/ml



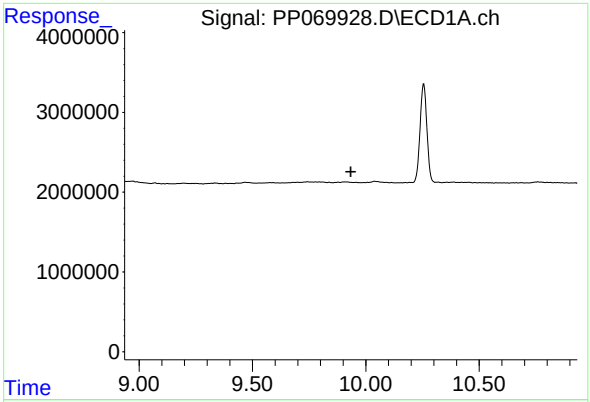
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

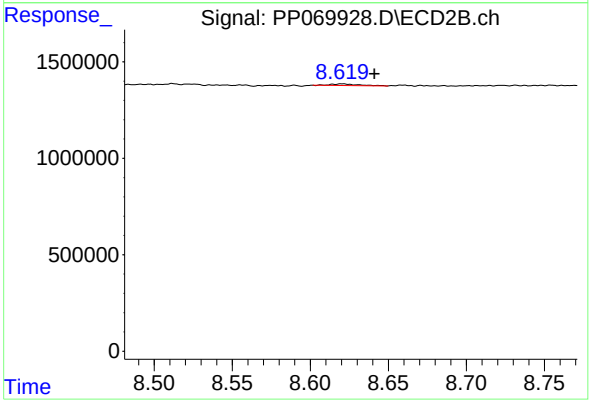
R.T.: 8.271 min
Delta R.T.: -0.064 min
Response: 97610
Conc: 1.87 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-02-021725RE



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 102261
Conc: 0.29 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:18
Operator : YP\AJ
Sample : Q1382-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:54:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	39326934	22635426	27.473	25.361	
2)	SA Decachlor...	10.256	8.889	25673763	25547943	23.491	22.842	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.939	0	79605	N.D.	2.441	#
4)	L1 AR-1016-2	0.000	4.956	0	104750	N.D.	2.330	#
5)	L1 AR-1016-3	0.000	5.114	0	494526	N.D.	19.873	#
6)	L1 AR-1016-4	0.000	5.163	0	1758061	N.D.	87.049	#
7)	L1 AR-1016-5	6.153	5.372	880512	6090166	26.635	227.043	#
8)	L2 AR-1221-1	0.000	4.052	0	14356	N.D.	1.165	#
9)	L2 AR-1221-2	4.827	4.134	665525	661560	48.605	68.319	#
10)	L2 AR-1221-3	4.903	4.202	373993	100820	8.917	3.456	#
11)	L3 AR-1232-1	4.903	4.202	373993	100820	11.233	4.294	#
12)	L3 AR-1232-2	5.381f	4.956	453178	104750	27.731	4.444	#
13)	L3 AR-1232-3	0.000	5.114	0	494526	N.D.	38.195	#
14)	L3 AR-1232-4	0.000	5.229	0	332432	N.D.	29.986	#
15)	L3 AR-1232-5	5.951	5.372	1318331	6090166	115.013	498.772	#
16)	L4 AR-1242-1	0.000	4.939	0	79605	N.D.	2.761	#
17)	L4 AR-1242-2	0.000	4.956	0	104750	N.D.	2.659	#
18)	L4 AR-1242-3	0.000	5.114	0	494526	N.D.	21.975	#
19)	L4 AR-1242-4	0.000	5.229	0	332432	N.D.	15.403	#
20)	L4 AR-1242-5	6.593	5.749	7045438	2418217	216.222	84.058	#
21)	L5 AR-1248-1	0.000	4.939	0	79605	N.D.	3.617	#
22)	L5 AR-1248-2	5.951	5.163	1318331	1758061	31.059	58.476	#
23)	L5 AR-1248-3	6.153	5.229	880512	332432	18.739	10.729	#
24)	L5 AR-1248-4	6.551	5.372	5721116	6090166	103.791	164.850	#
25)	L5 AR-1248-5	6.593	5.749	7045438	2418217	131.977	64.677	#
26)	L6 AR-1254-1	6.532	5.749	5589304	2418217	96.594	43.923	#
27)	L6 AR-1254-2	6.745	5.874	11767032	4716845	146.645	97.518	#
28)	L6 AR-1254-3	7.106	6.279	13394622	6783434	158.914	89.378	#
29)	L6 AR-1254-4	7.391	6.509	9567572	3923204	140.312	76.551	#
30)	L6 AR-1254-5	7.809	6.927	5290936	1192795	77.755	17.920	#
31)	L7 AR-1260-1	7.274	6.412	7414254	3937861	126.878	81.648	#
32)	L7 AR-1260-2	7.529	6.598	5117303	1780975	65.764	29.052	#
33)	L7 AR-1260-3	0.000	6.753	0	820108	N.D.	13.633	#
34)	L7 AR-1260-4	8.091	7.264	3333787	409811	50.530	8.819	#
35)	L7 AR-1260-5	8.394f	7.466	1070835	254786	8.179	2.292	#
36)	L8 AR-1262-1	8.091	6.988	3333787	68432	42.190	0.964	#
37)	L8 AR-1262-2	8.394f	7.264	1070835	409811	7.002	6.720	
38)	L8 AR-1262-3	0.000	7.765	0	333686	N.D.	6.380	#
39)	L8 AR-1262-4	0.000	7.831	0	158335	N.D.	1.713	#
41)	L9 AR-1268-1	0.000	7.765	0	333686	N.D.	2.299	#
42)	L9 AR-1268-2	0.000	7.831	0	158335	N.D.	1.192	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:18
Operator : YP\AJ
Sample : Q1382-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:54:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.019	0	33320	N.D.	0.293 #
45) L9	AR-1268-5	0.000	8.621	0	225120	N.D.	0.632 #

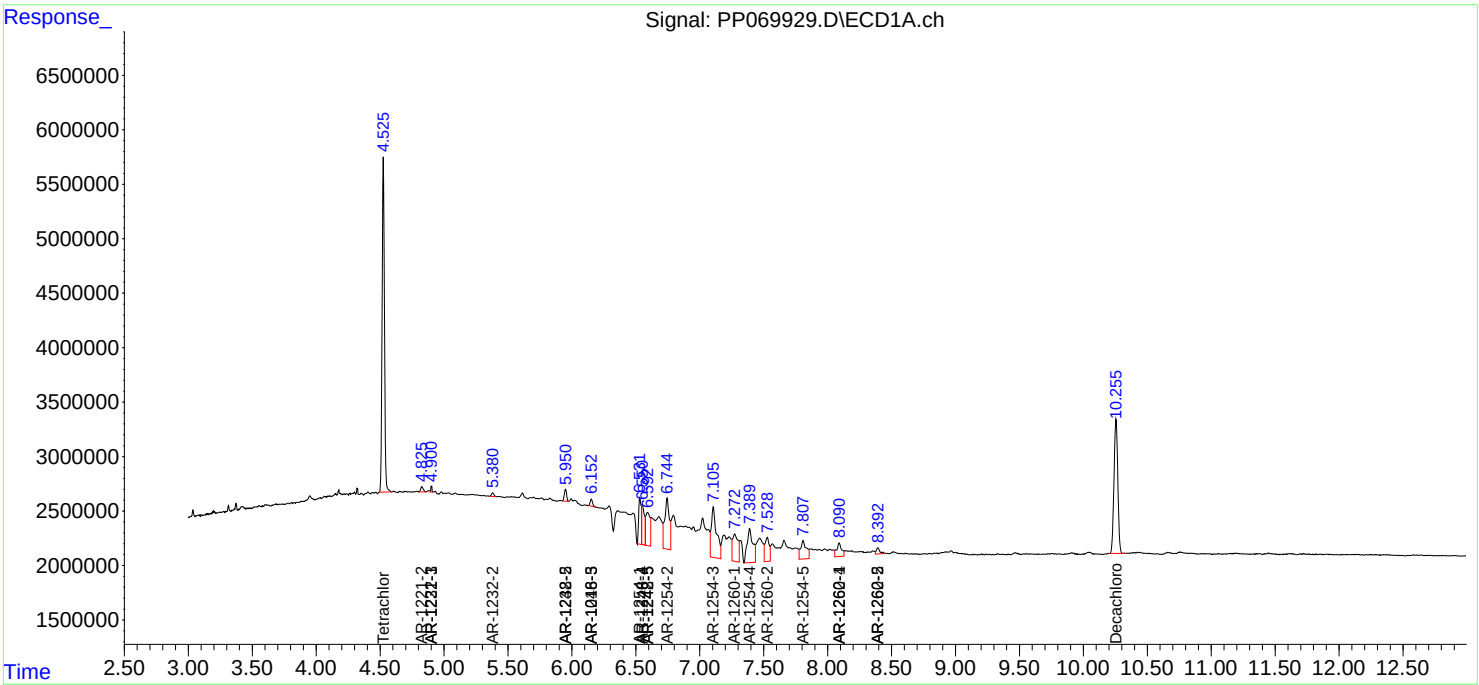
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

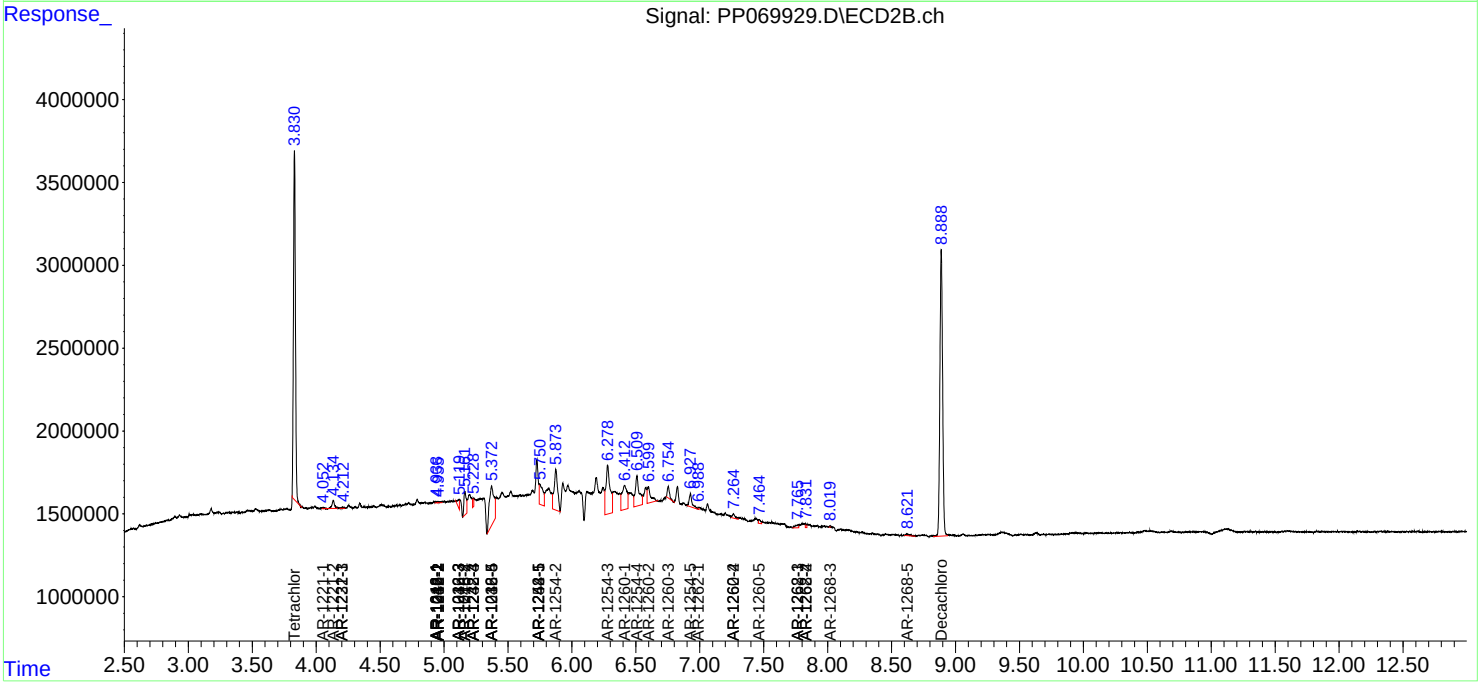
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:18
Operator : YP\AJ
Sample : Q1382-05RE
Misc :
ALS Vial : 24 Sample Multiplier: 1

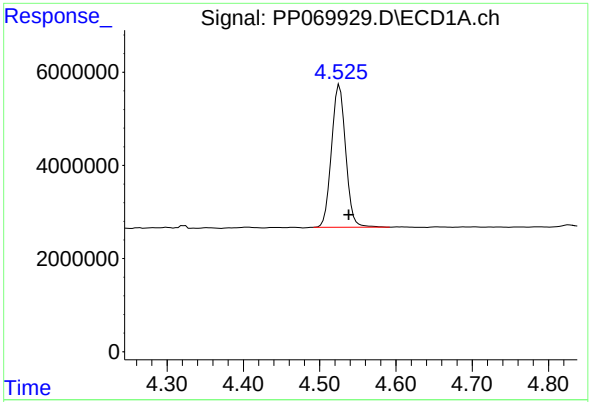
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:54:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



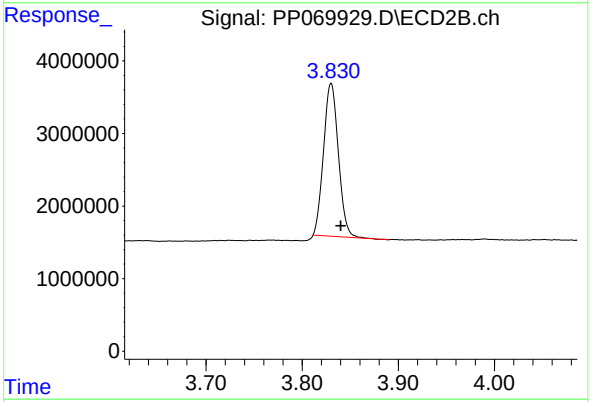




#1 Tetrachloro-m-xylene

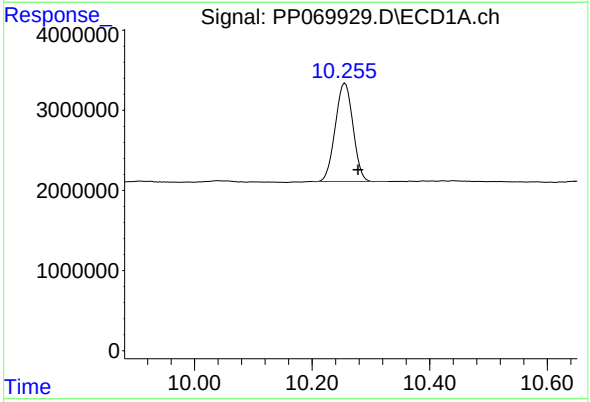
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39326934
Conc: 27.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



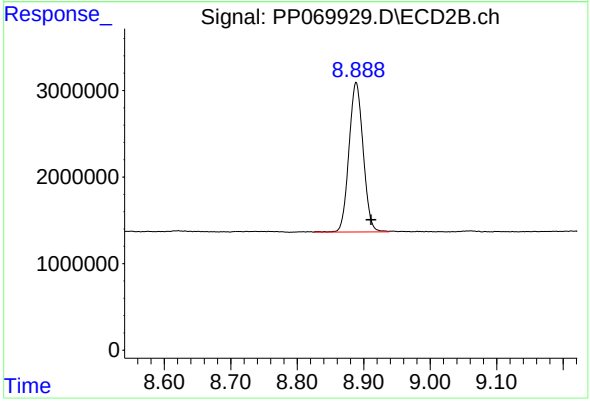
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22635426
Conc: 25.36 ng/ml



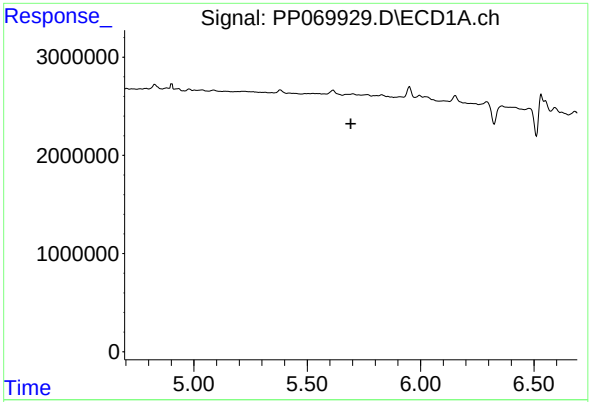
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.022 min
Response: 25673763
Conc: 23.49 ng/ml



#2 Decachlorobiphenyl

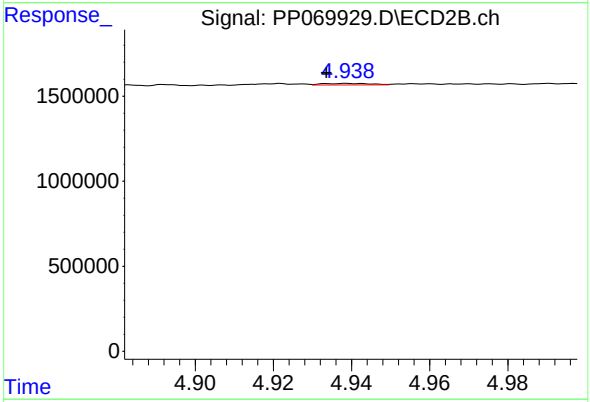
R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 25547943
Conc: 22.84 ng/ml



#3 AR-1016-1

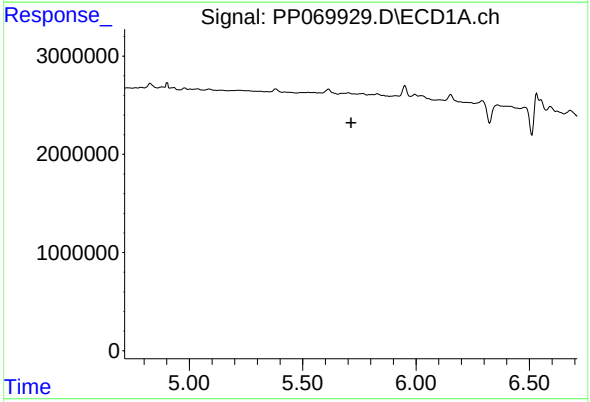
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



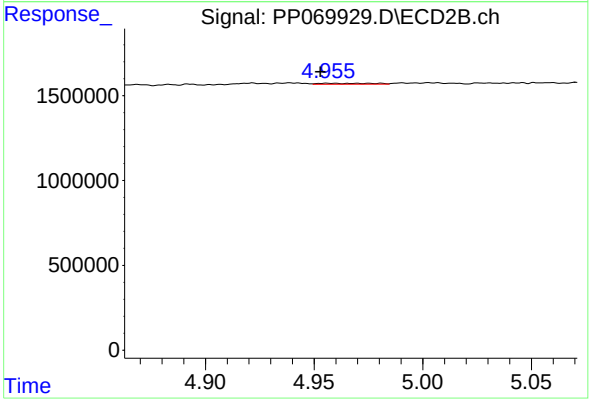
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 79605
Conc: 2.44 ng/ml



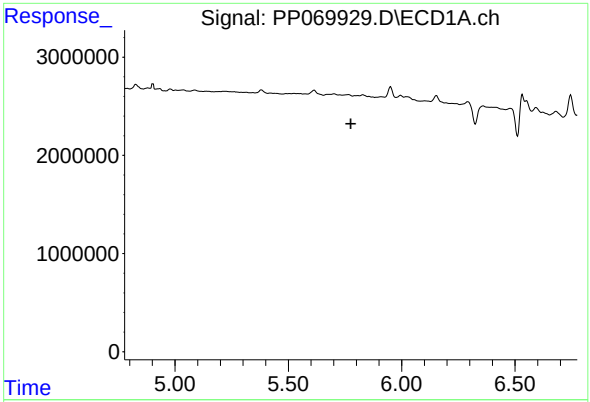
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

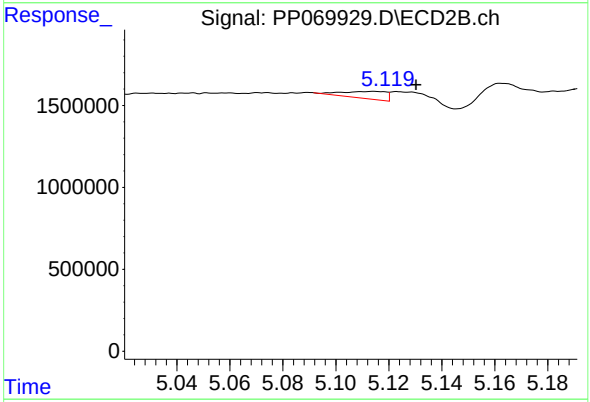
R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 104750
Conc: 2.33 ng/ml



#5 AR-1016-3

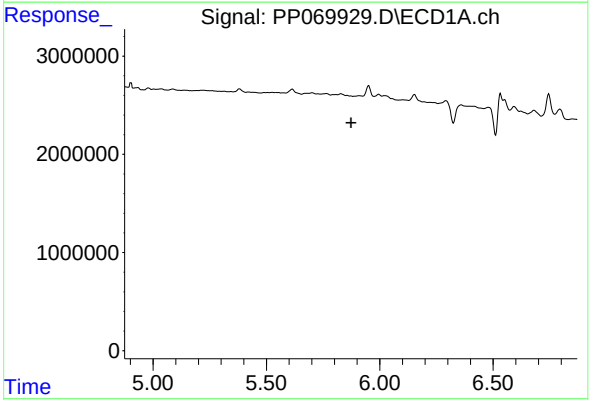
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



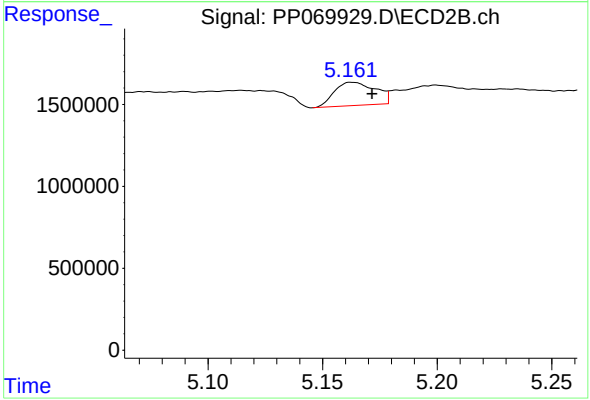
#5 AR-1016-3

R.T.: 5.114 min
Delta R.T.: -0.016 min
Response: 494526
Conc: 19.87 ng/ml



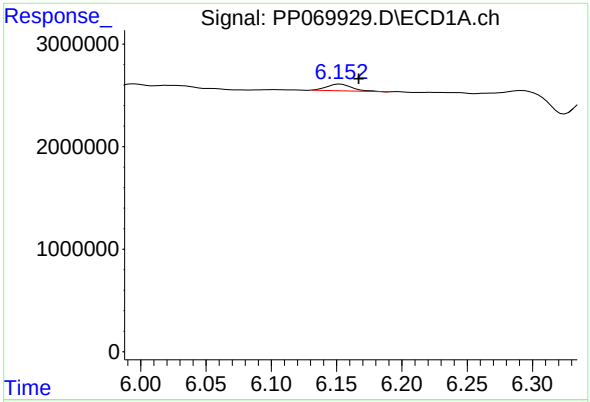
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

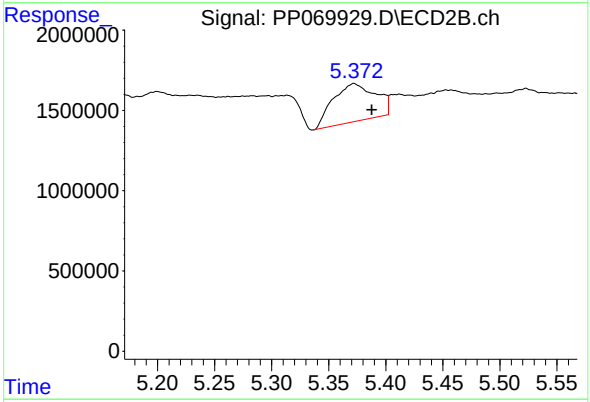
R.T.: 5.163 min
Delta R.T.: -0.008 min
Response: 1758061
Conc: 87.05 ng/ml



#7 AR-1016-5

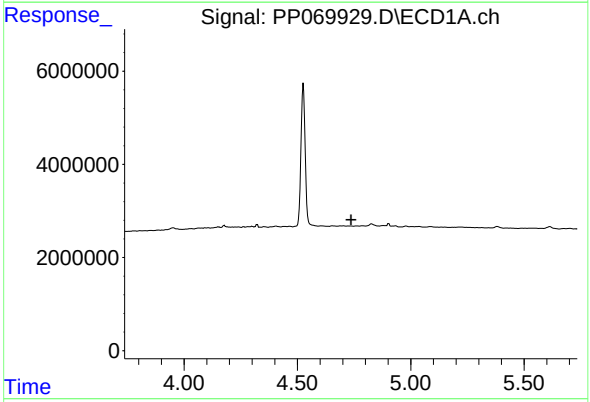
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 880512
Conc: 26.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



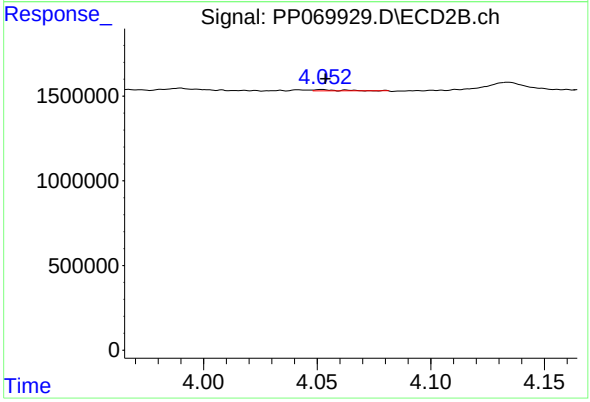
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 6090166
Conc: 227.04 ng/ml



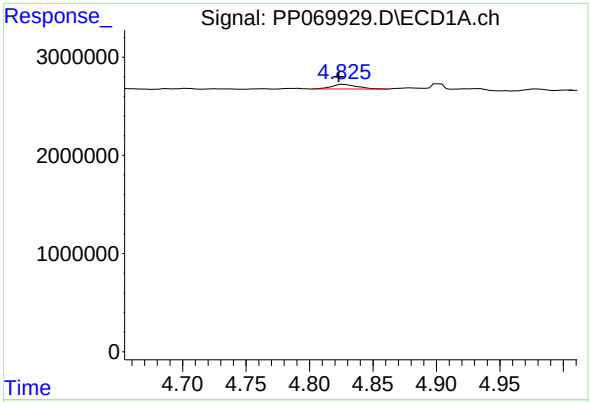
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

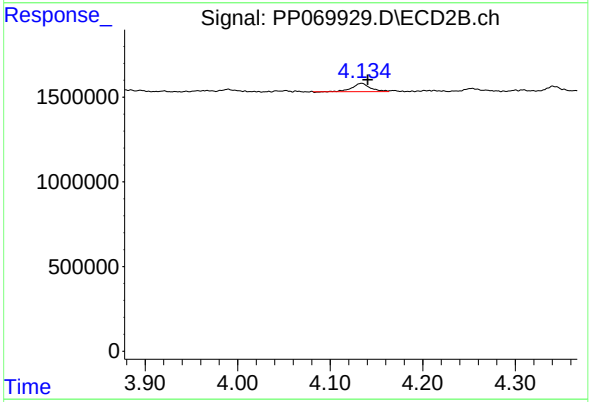
R.T.: 4.052 min
Delta R.T.: -0.002 min
Response: 14356
Conc: 1.17 ng/ml



#9 AR-1221-2

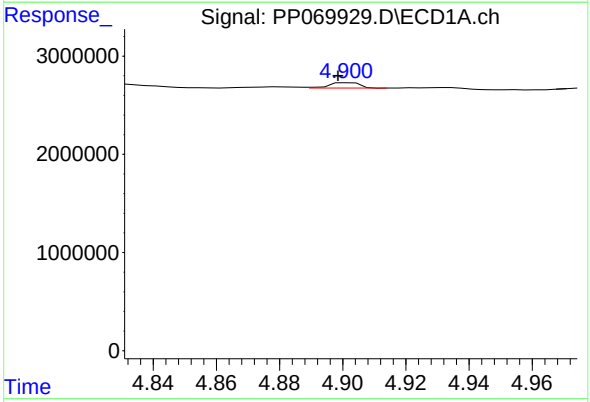
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 665525
Conc: 48.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



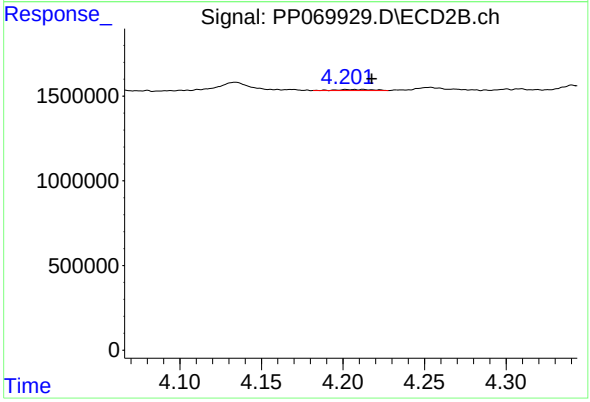
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 661560
Conc: 68.32 ng/ml



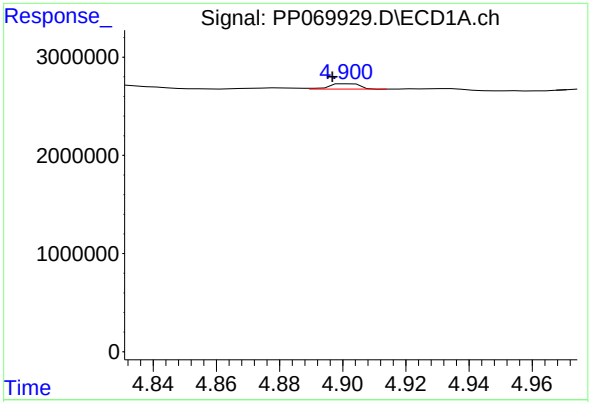
#10 AR-1221-3

R.T.: 4.903 min
Delta R.T.: 0.004 min
Response: 373993
Conc: 8.92 ng/ml



#10 AR-1221-3

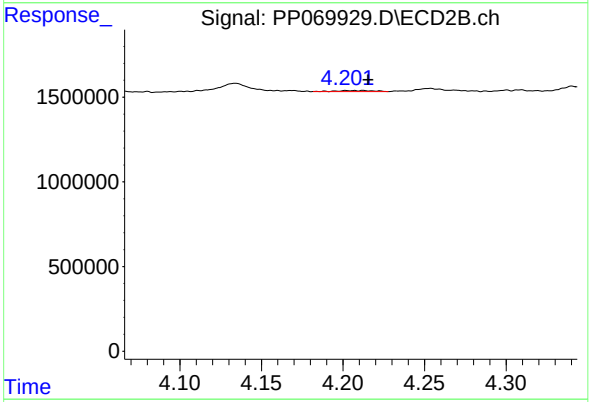
R.T.: 4.202 min
Delta R.T.: -0.016 min
Response: 100820
Conc: 3.46 ng/ml



#11 AR-1232-1

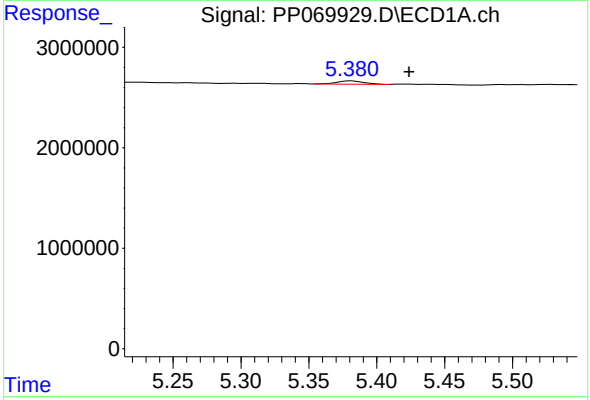
R.T.: 4.903 min
Delta R.T.: 0.006 min
Response: 373993
Conc: 11.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



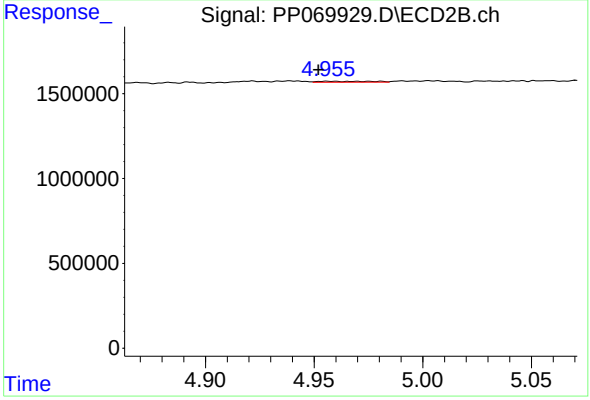
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: -0.013 min
Response: 100820
Conc: 4.29 ng/ml



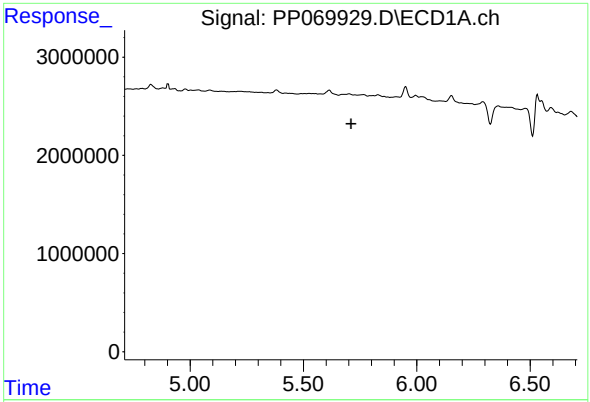
#12 AR-1232-2

R.T.: 5.381 min
Delta R.T.: -0.042 min
Response: 453178
Conc: 27.73 ng/ml



#12 AR-1232-2

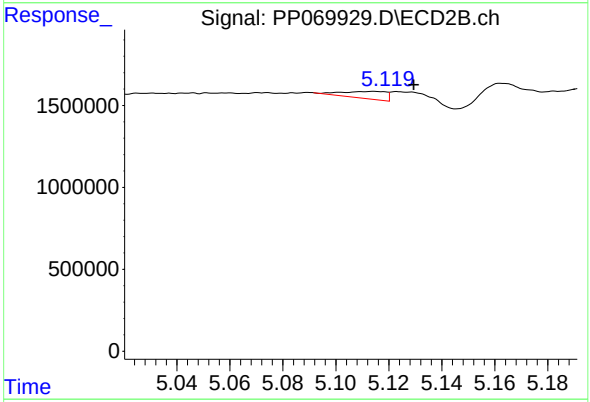
R.T.: 4.956 min
Delta R.T.: 0.004 min
Response: 104750
Conc: 4.44 ng/ml



#13 AR-1232-3

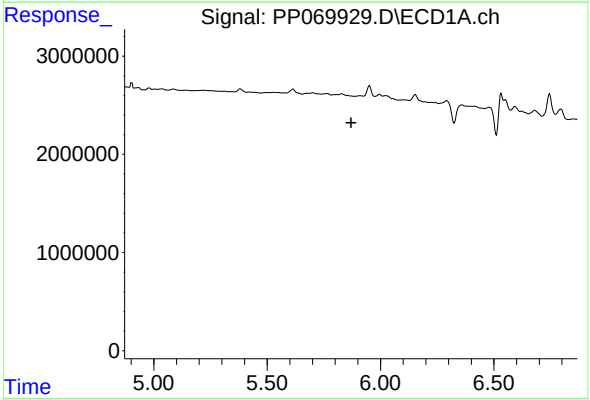
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



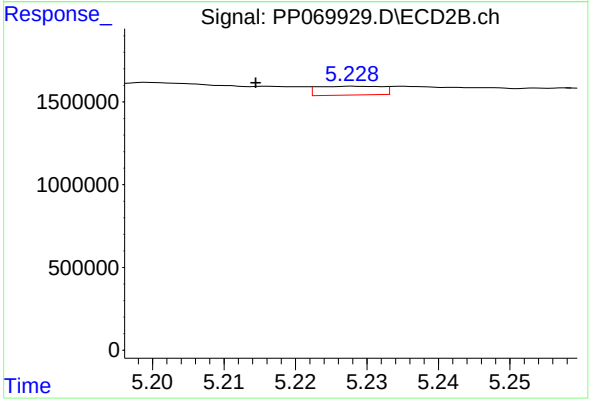
#13 AR-1232-3

R.T.: 5.114 min
Delta R.T.: -0.015 min
Response: 494526
Conc: 38.20 ng/ml



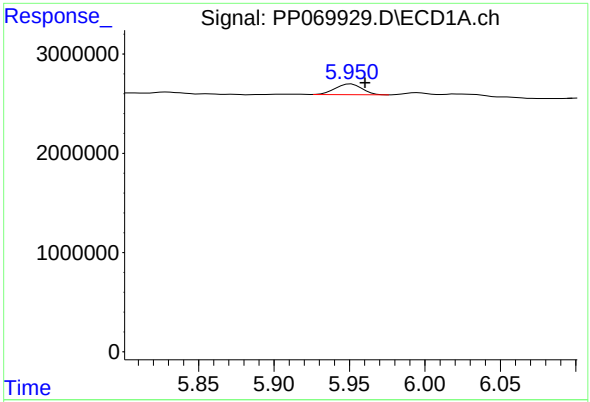
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

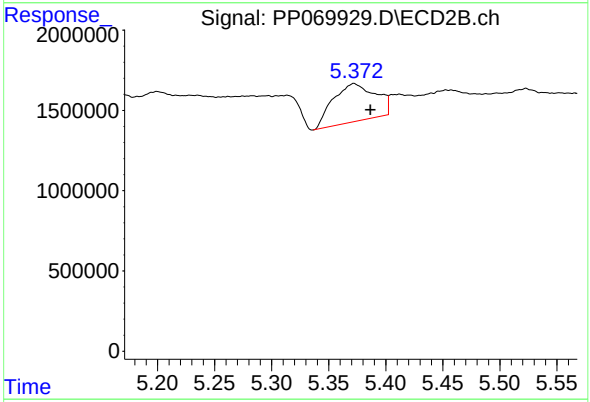
R.T.: 5.229 min
Delta R.T.: 0.014 min
Response: 332432
Conc: 29.99 ng/ml



#15 AR-1232-5

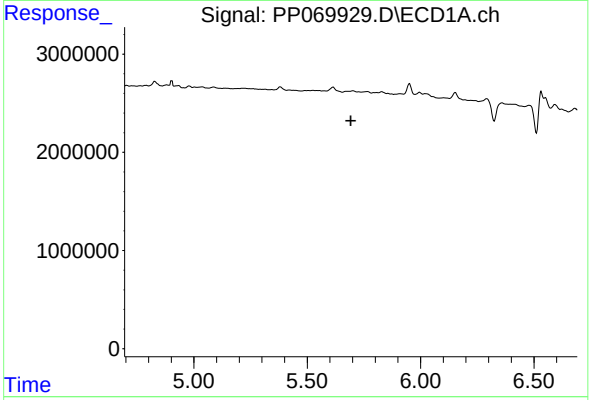
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 1318331
Conc: 115.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



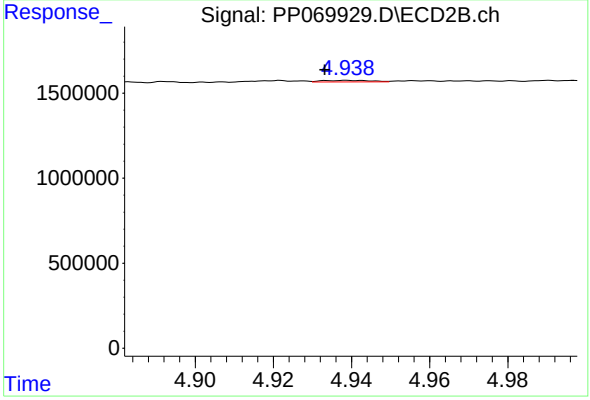
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.014 min
Response: 6090166
Conc: 498.77 ng/ml



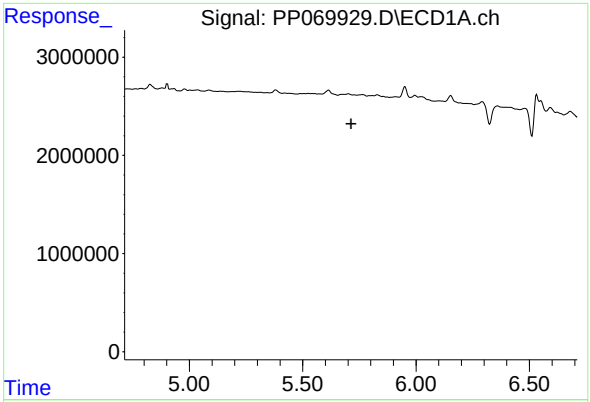
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

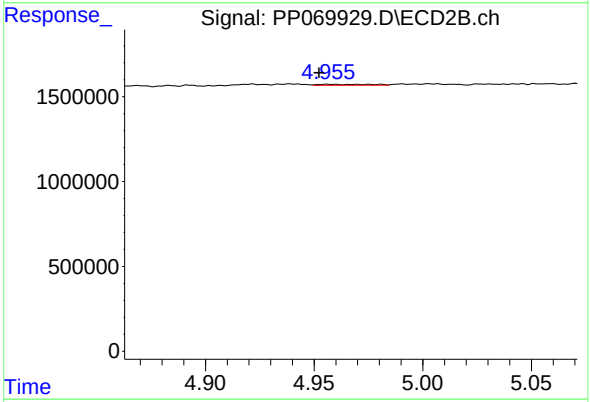
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 79605
Conc: 2.76 ng/ml



#17 AR-1242-2

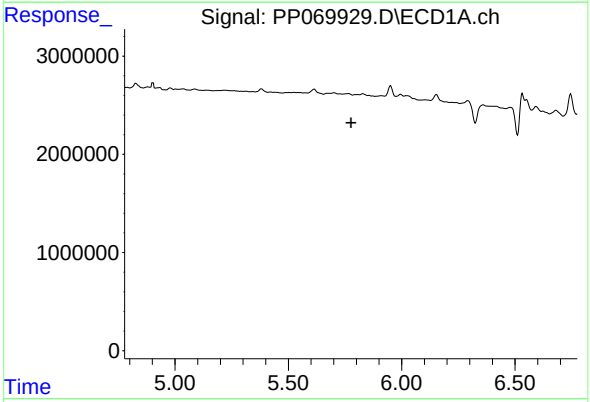
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



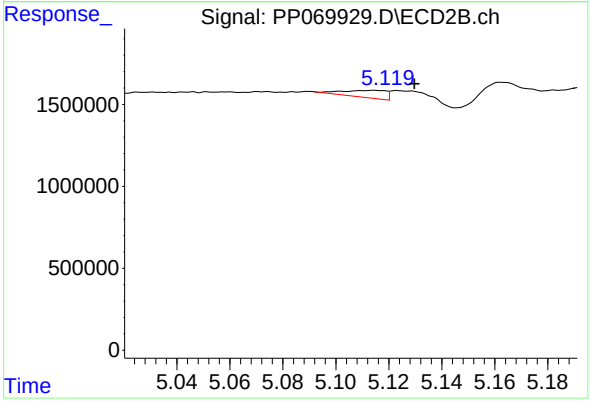
#17 AR-1242-2

R.T.: 4.956 min
Delta R.T.: 0.004 min
Response: 104750
Conc: 2.66 ng/ml



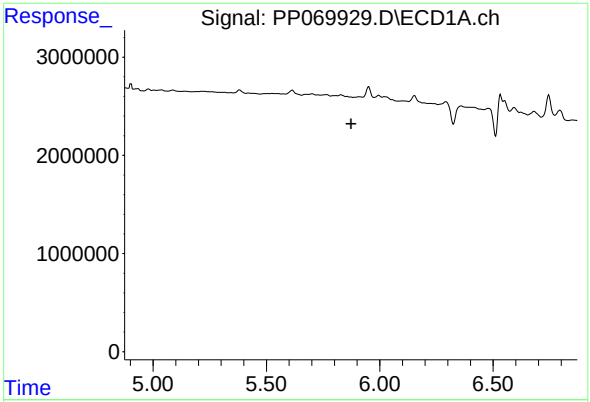
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

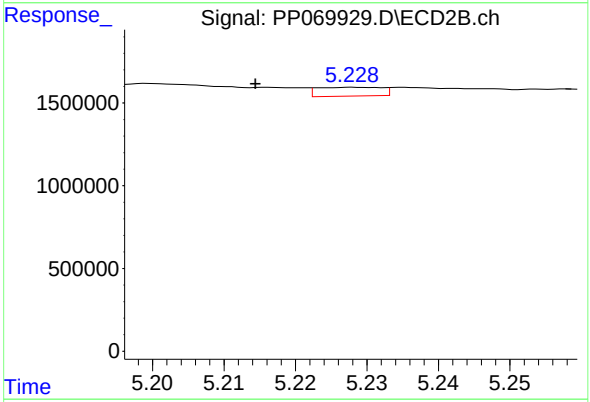
R.T.: 5.114 min
Delta R.T.: -0.015 min
Response: 494526
Conc: 21.97 ng/ml



#19 AR-1242-4

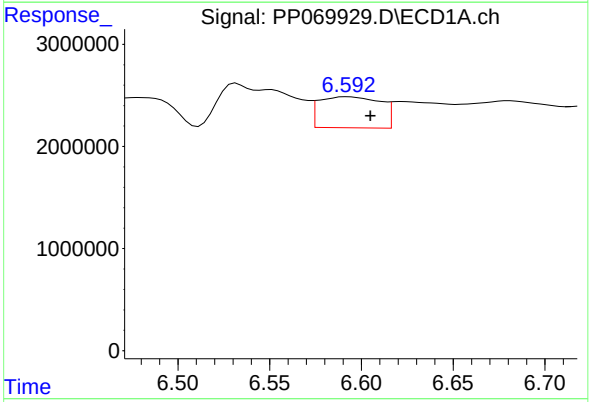
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



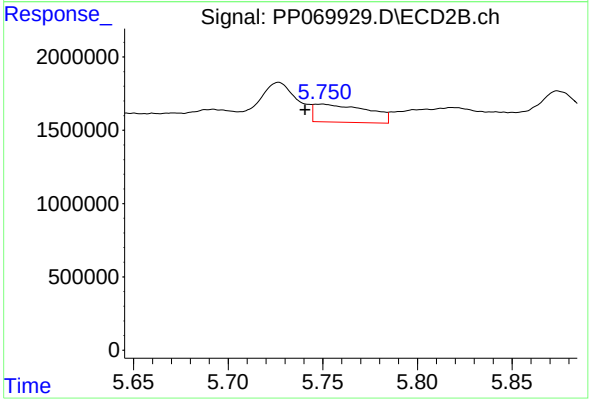
#19 AR-1242-4

R.T.: 5.229 min
Delta R.T.: 0.014 min
Response: 332432
Conc: 15.40 ng/ml



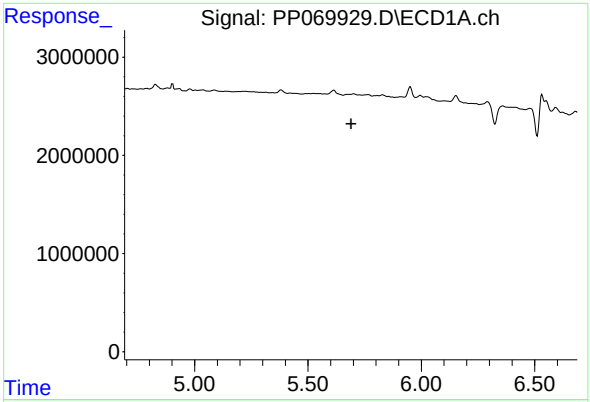
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.012 min
Response: 7045438
Conc: 216.22 ng/ml



#20 AR-1242-5

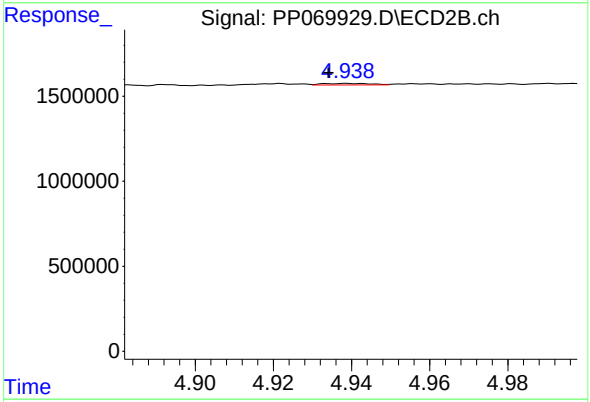
R.T.: 5.749 min
Delta R.T.: 0.009 min
Response: 2418217
Conc: 84.06 ng/ml



#21 AR-1248-1

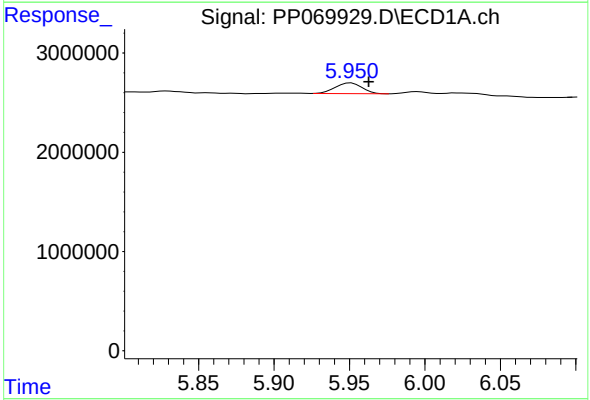
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



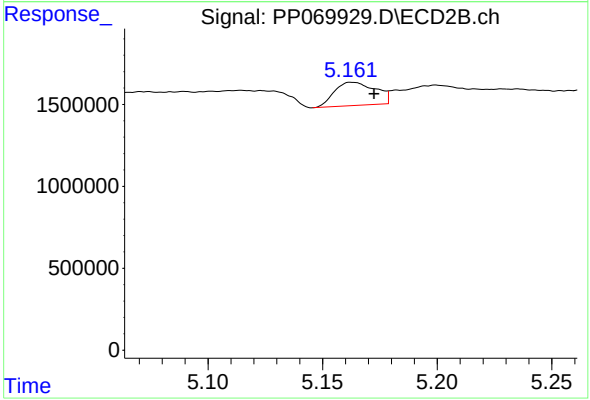
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 79605
Conc: 3.62 ng/ml



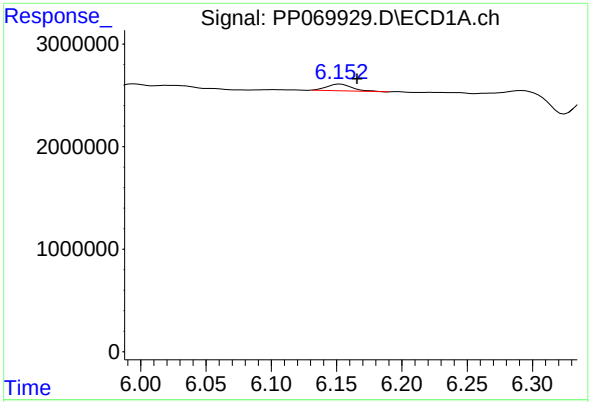
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 1318331
Conc: 31.06 ng/ml



#22 AR-1248-2

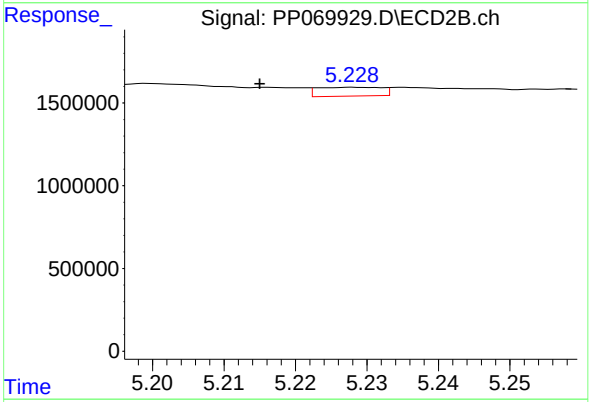
R.T.: 5.163 min
Delta R.T.: -0.009 min
Response: 1758061
Conc: 58.48 ng/ml



#23 AR-1248-3

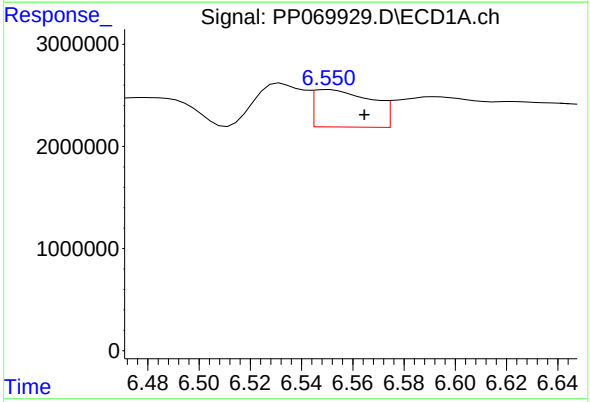
R.T.: 6.153 min
Delta R.T.: -0.013 min
Response: 880512
Conc: 18.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



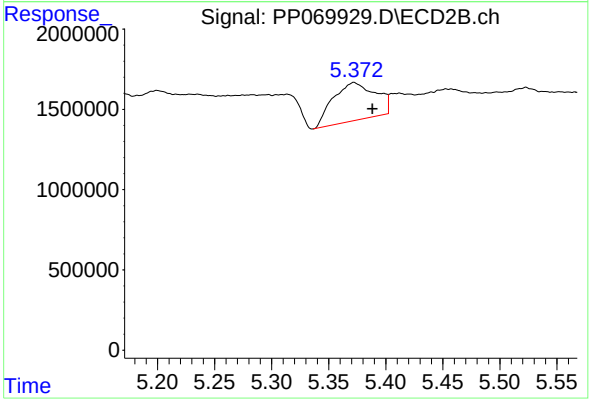
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: 0.013 min
Response: 332432
Conc: 10.73 ng/ml



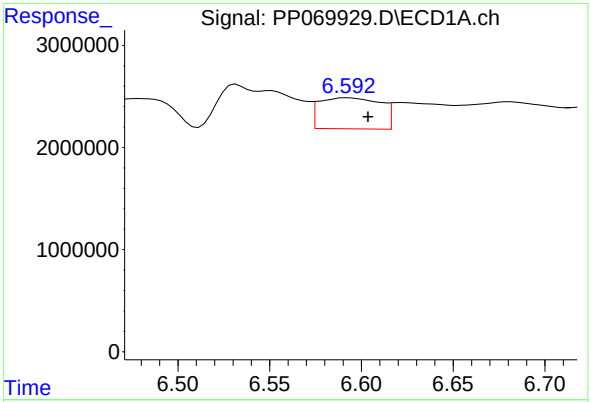
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: -0.014 min
Response: 5721116
Conc: 103.79 ng/ml



#24 AR-1248-4

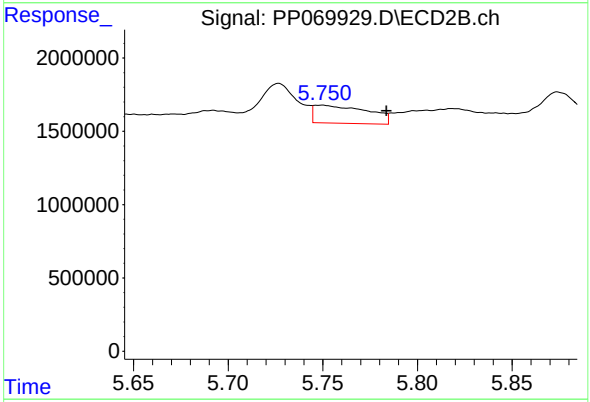
R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 6090166
Conc: 164.85 ng/ml



#25 AR-1248-5

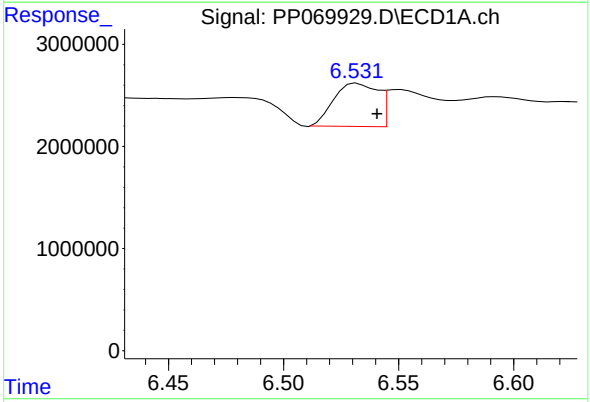
R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 7045438
Conc: 131.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



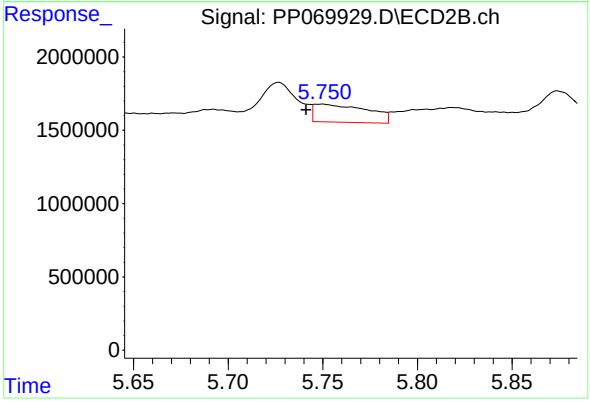
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: -0.034 min
Response: 2418217
Conc: 64.68 ng/ml



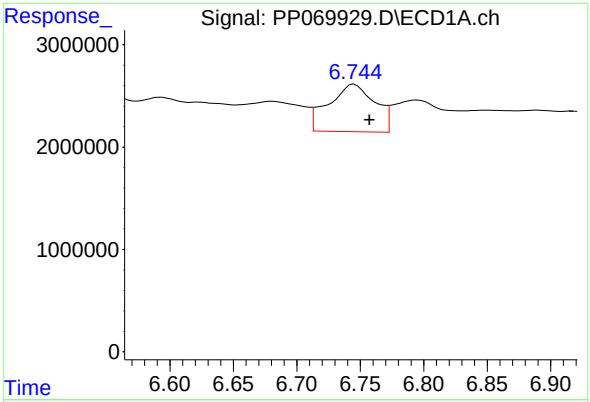
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: -0.009 min
Response: 5589304
Conc: 96.59 ng/ml



#26 AR-1254-1

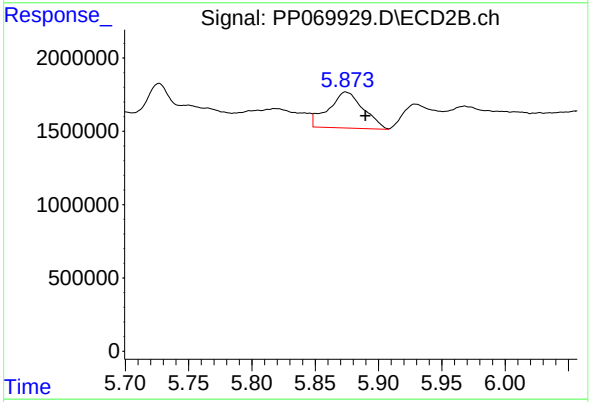
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 2418217
Conc: 43.92 ng/ml



#27 AR-1254-2

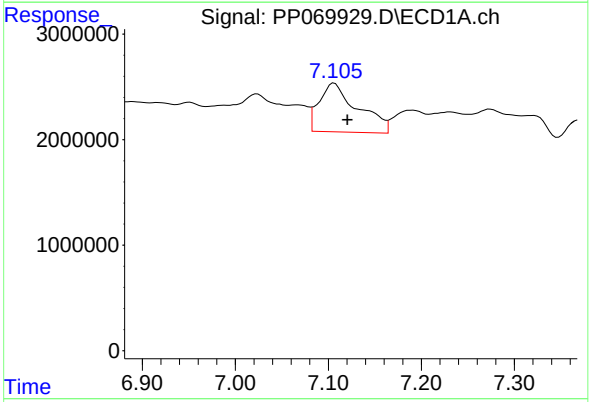
R.T.: 6.745 min
Delta R.T.: -0.012 min
Response: 11767032
Conc: 146.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



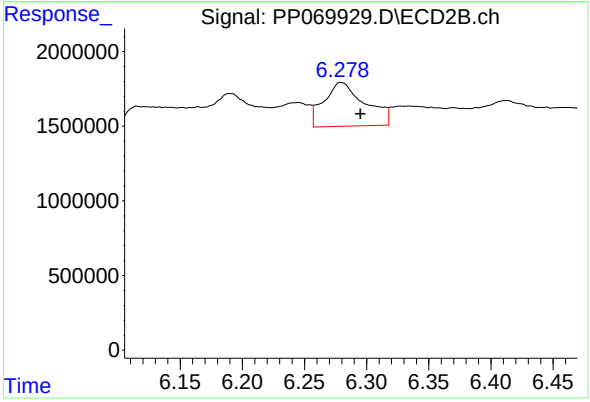
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 4716845
Conc: 97.52 ng/ml



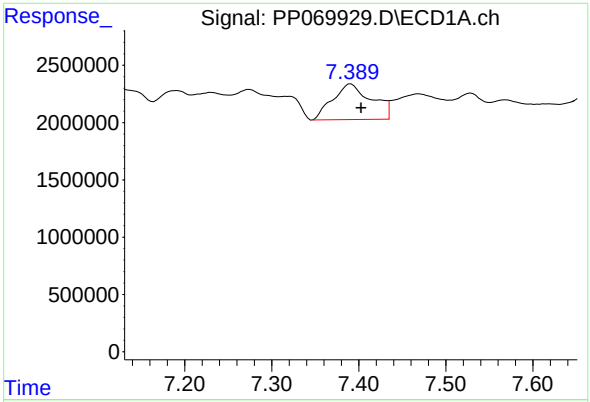
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 13394622
Conc: 158.91 ng/ml



#28 AR-1254-3

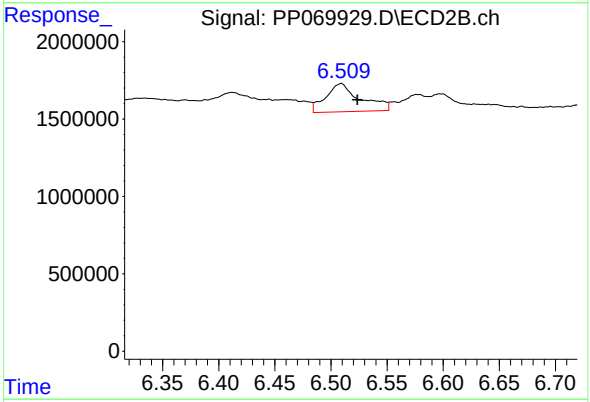
R.T.: 6.279 min
Delta R.T.: -0.015 min
Response: 6783434
Conc: 89.38 ng/ml



#29 AR-1254-4

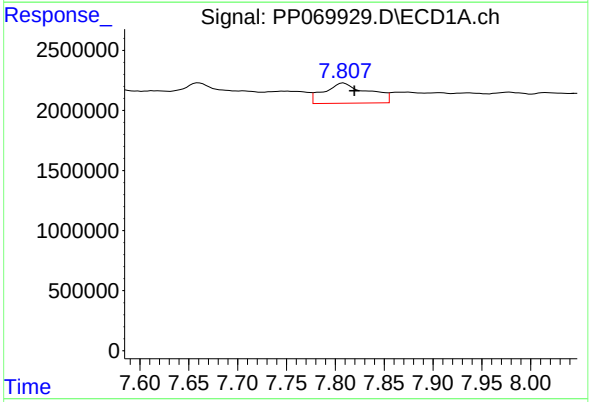
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 9567572
Conc: 140.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



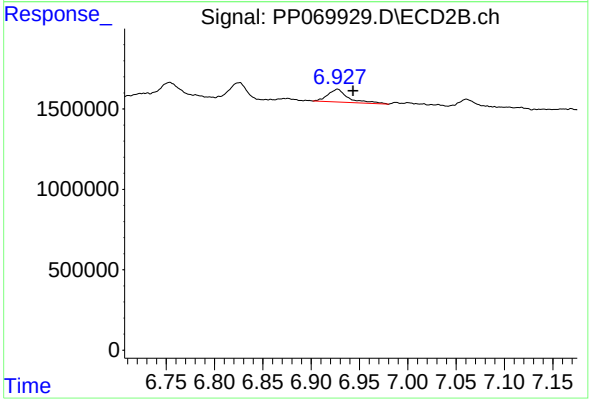
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.014 min
Response: 3923204
Conc: 76.55 ng/ml



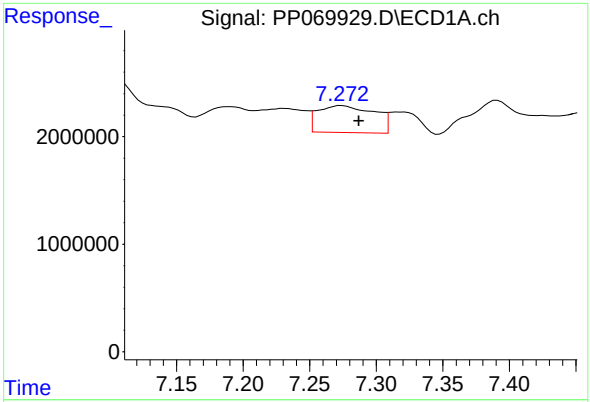
#30 AR-1254-5

R.T.: 7.809 min
Delta R.T.: -0.011 min
Response: 5290936
Conc: 77.76 ng/ml



#30 AR-1254-5

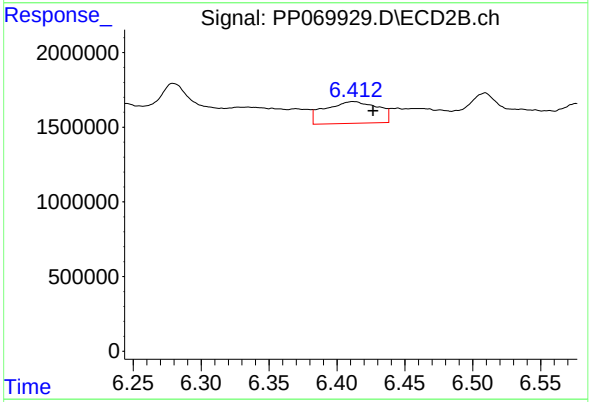
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 1192795
Conc: 17.92 ng/ml



#31 AR-1260-1

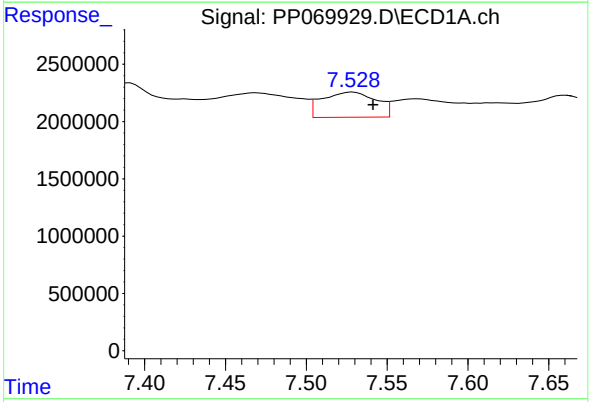
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 7414254
Conc: 126.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



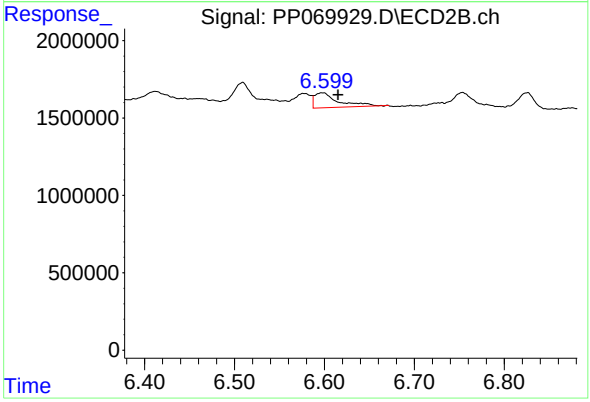
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 3937861
Conc: 81.65 ng/ml



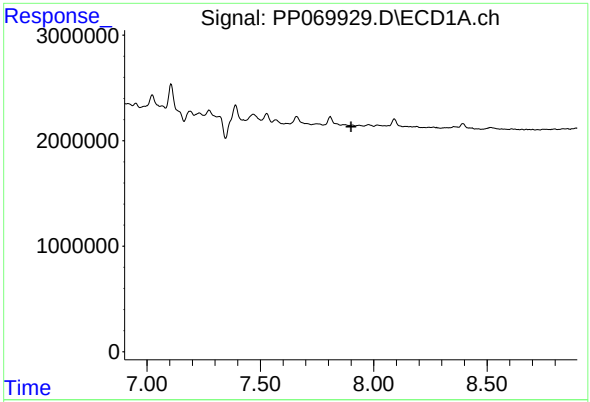
#32 AR-1260-2

R.T.: 7.529 min
Delta R.T.: -0.012 min
Response: 5117303
Conc: 65.76 ng/ml



#32 AR-1260-2

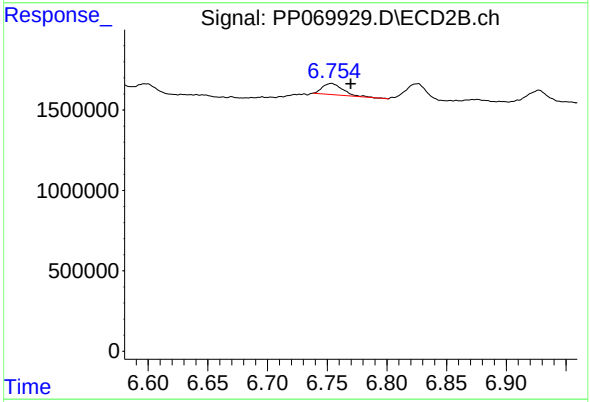
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 1780975
Conc: 29.05 ng/ml



#33 AR-1260-3

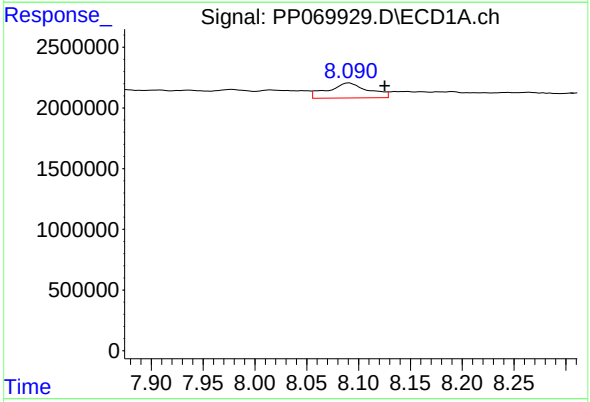
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



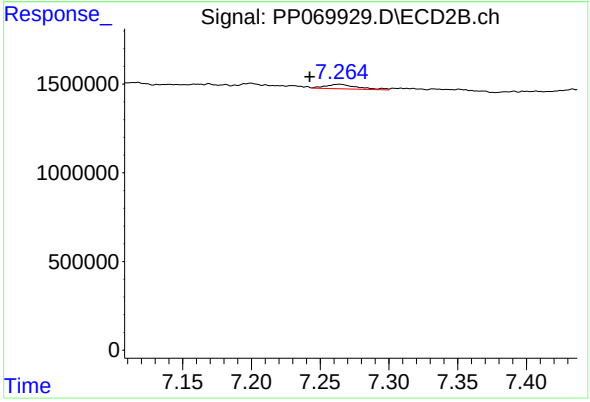
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.016 min
Response: 820108
Conc: 13.63 ng/ml



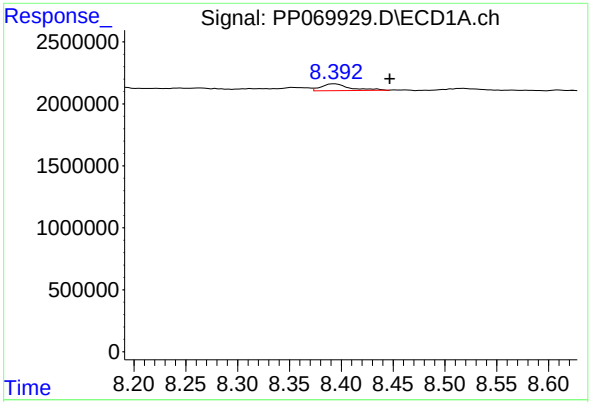
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.034 min
Response: 3333787
Conc: 50.53 ng/ml



#34 AR-1260-4

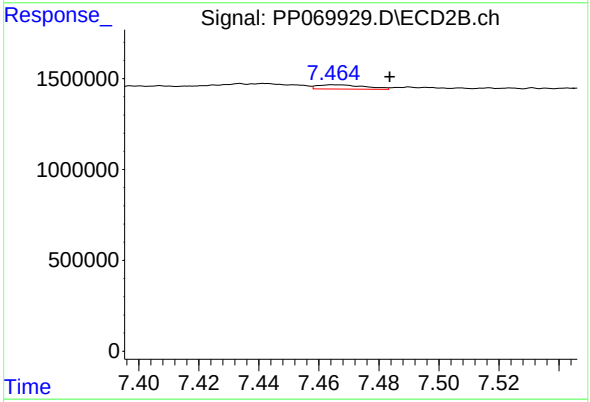
R.T.: 7.264 min
Delta R.T.: 0.022 min
Response: 409811
Conc: 8.82 ng/ml



#35 AR-1260-5

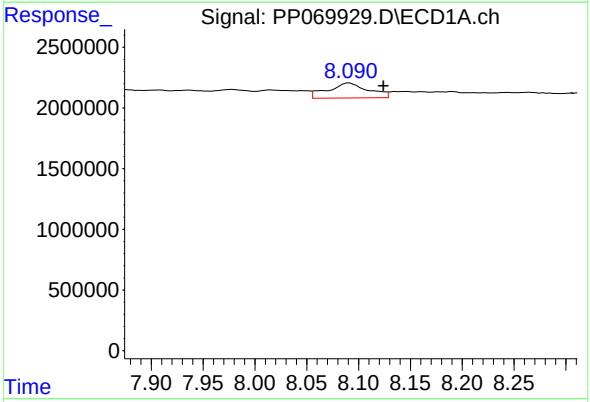
R.T.: 8.394 min
Delta R.T.: -0.053 min
Response: 1070835
Conc: 8.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



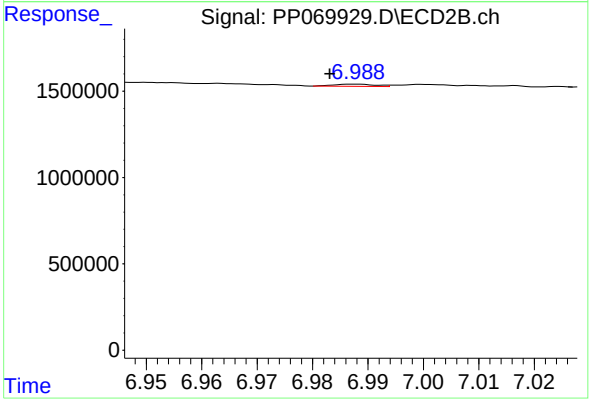
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 254786
Conc: 2.29 ng/ml



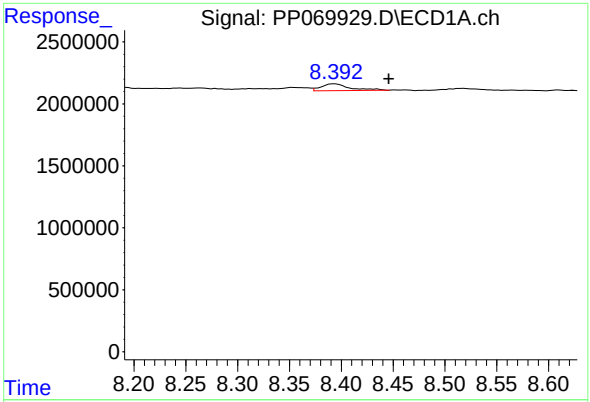
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: -0.033 min
Response: 3333787
Conc: 42.19 ng/ml



#36 AR-1262-1

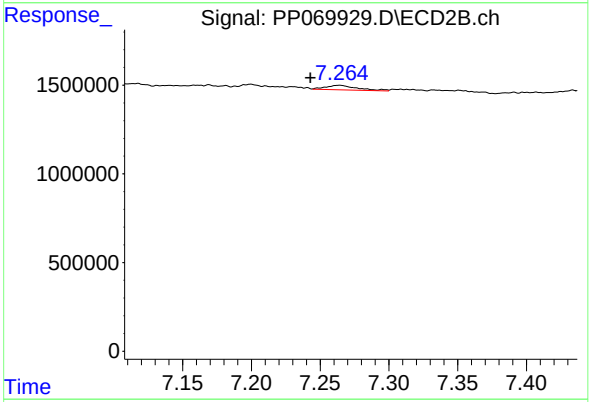
R.T.: 6.988 min
Delta R.T.: 0.005 min
Response: 68432
Conc: 0.96 ng/ml



#37 AR-1262-2

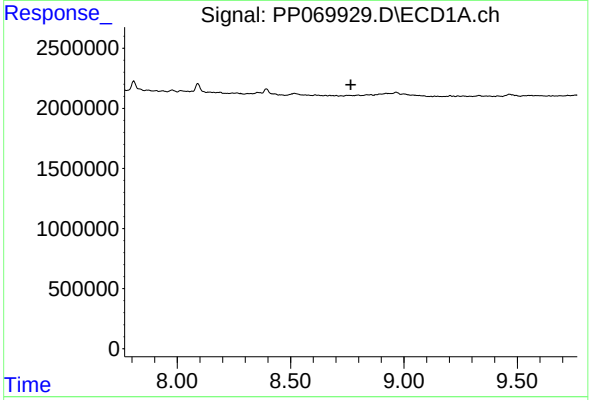
R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 1070835
Conc: 7.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



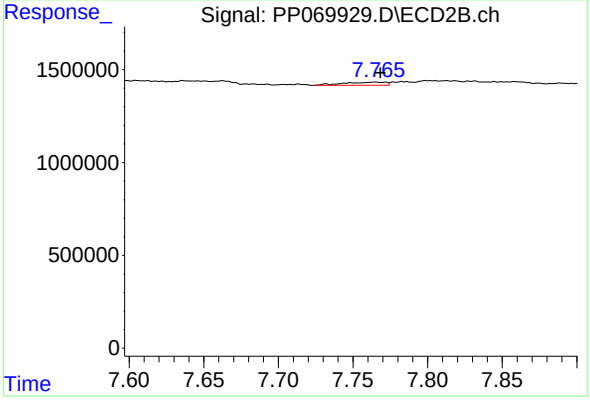
#37 AR-1262-2

R.T.: 7.264 min
Delta R.T.: 0.021 min
Response: 409811
Conc: 6.72 ng/ml



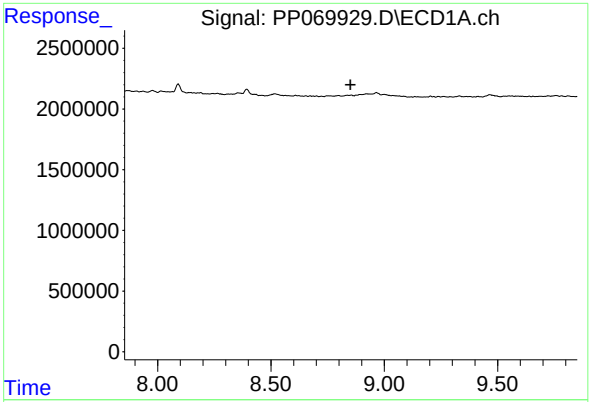
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

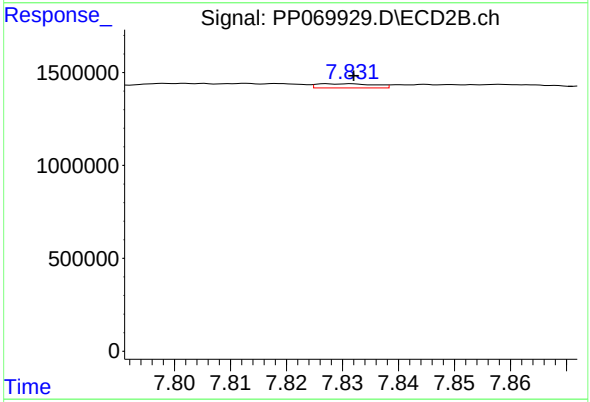
R.T.: 7.765 min
Delta R.T.: -0.004 min
Response: 333686
Conc: 6.38 ng/ml



#39 AR-1262-4

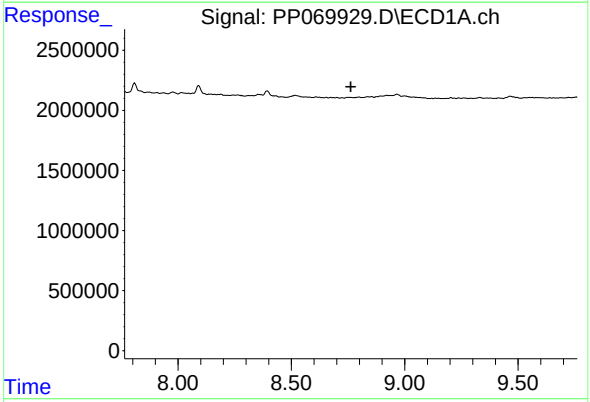
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



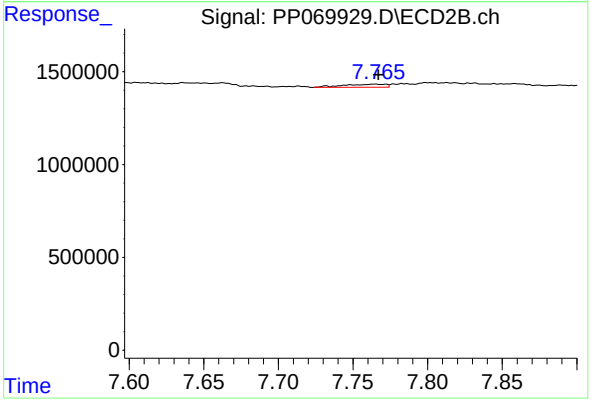
#39 AR-1262-4

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 158335
Conc: 1.71 ng/ml



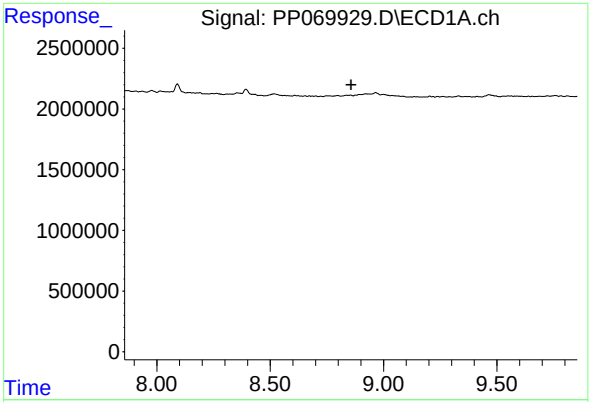
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

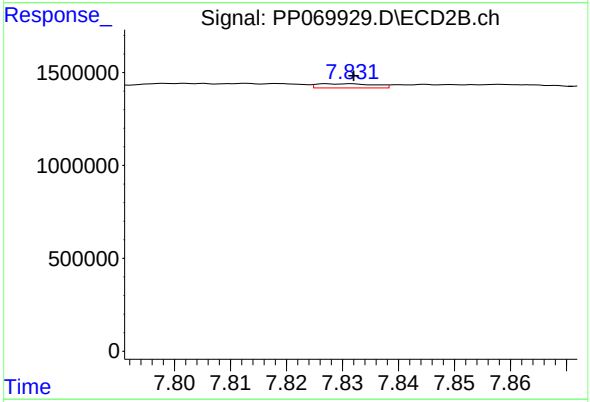
R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 333686
Conc: 2.30 ng/ml



#42 AR-1268-2

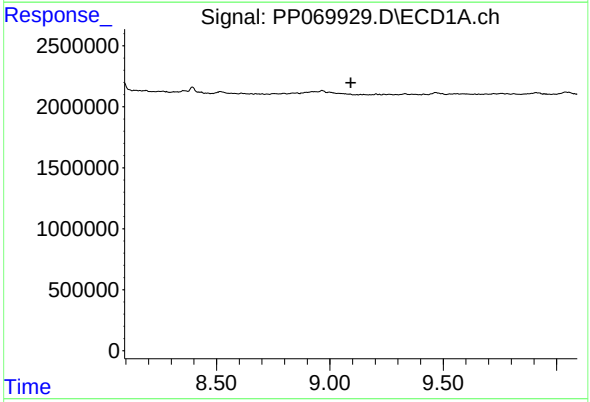
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



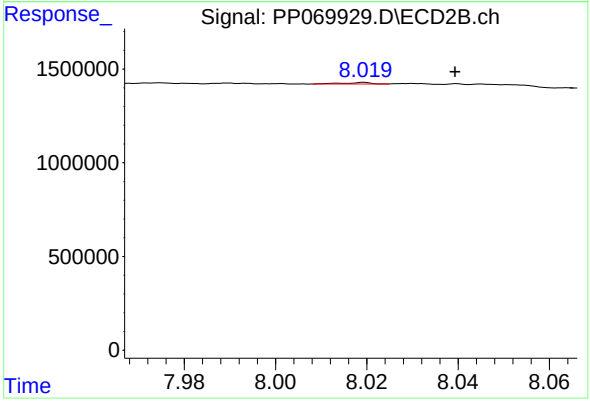
#42 AR-1268-2

R.T.: 7.831 min
Delta R.T.: 0.000 min
Response: 158335
Conc: 1.19 ng/ml



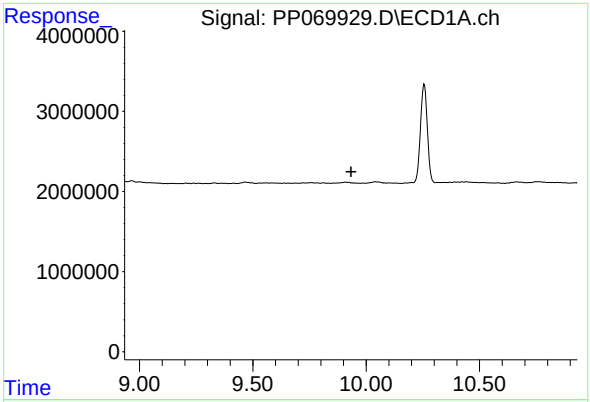
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

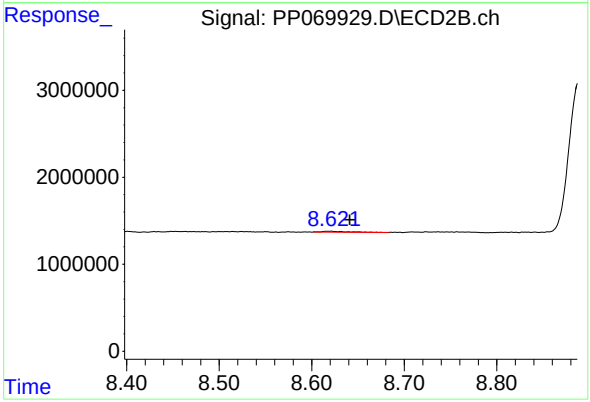
R.T.: 8.019 min
Delta R.T.: -0.020 min
Response: 33320
Conc: 0.29 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-03-021725RE



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 225120
Conc: 0.63 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:34
Operator : YP\AJ
Sample : Q1382-07RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.522	3.830	40598309	23551904	28.361	26.388	
2)	SA Decachlor...	10.252	8.888	26213438	26681553	23.985	23.855	
	Target Compounds							
3)	L1 AR-1016-1	5.667	4.940	1244227	37339	26.854	1.145	#
4)	L1 AR-1016-2	5.731	4.962	1105203	122012	16.282	2.714	#
5)	L1 AR-1016-3	5.731f	5.124	1105203	204327	25.946	8.211	#
6)	L1 AR-1016-4	0.000	5.161	0	406870	N.D.	20.146	#
7)	L1 AR-1016-5	0.000	5.372	0	1492286	N.D.	55.633	#
8)	L2 AR-1221-1	0.000	4.049	0	52906	N.D.	4.295	#
9)	L2 AR-1221-2	4.822	4.132	526427	557248	38.446	57.547	#
10)	L2 AR-1221-3	0.000	4.219	0	29312	N.D.	1.005	#
11)	L3 AR-1232-1	0.000	4.219	0	29312	N.D.	1.248	#
12)	L3 AR-1232-2	5.378f	4.962	584803	122012	35.785	5.176	#
13)	L3 AR-1232-3	5.731	5.124	1105203	204327	32.166	15.782	#
14)	L3 AR-1232-4	0.000	5.198	0	234177	N.D.	21.123	#
15)	L3 AR-1232-5	5.947	5.372	474012	1492286	41.354	122.215	#
16)	L4 AR-1242-1	5.667	4.940	1244227	37339	29.834	1.295	#
17)	L4 AR-1242-2	5.731	4.962	1105203	122012	18.735	3.097	#
18)	L4 AR-1242-3	5.731f	5.124	1105203	204327	29.791	9.080	#
19)	L4 AR-1242-4	0.000	5.198	0	234177	N.D.	10.850	#
20)	L4 AR-1242-5	6.588	5.727	2507481	1066352	76.954	37.067	#
21)	L5 AR-1248-1	5.667	4.940	1244227	37339	38.356	1.696	#
22)	L5 AR-1248-2	5.947	5.161	474012	406870	11.167	13.533	
23)	L5 AR-1248-3	0.000	5.198	0	234177	N.D.	7.558	#
24)	L5 AR-1248-4	6.588	5.372	2507481	1492286	45.490	40.394	
25)	L5 AR-1248-5	6.588	5.772	2507481	524136	46.971	14.018	#
26)	L6 AR-1254-1	6.528	5.727	2160735	1066352	37.342	19.369	#
27)	L6 AR-1254-2	6.741	5.876	2398254	1412358	29.888	29.200	
28)	L6 AR-1254-3	7.103	6.280	1826899	1734427	21.674	22.853	
29)	L6 AR-1254-4	7.384	6.511	1137479	897337	16.682	17.509	
30)	L6 AR-1254-5	0.000	6.926	0	595132	N.D.	8.941	#
31)	L7 AR-1260-1	0.000	6.432	0	188346	N.D.	3.905	#
32)	L7 AR-1260-2	0.000	6.579f	0	1328160	N.D.	21.665	#
33)	L7 AR-1260-3	0.000	6.755	0	696664	N.D.	11.581	#
34)	L7 AR-1260-4	8.086f	7.261	1043015	696860	15.809	14.997	
35)	L7 AR-1260-5	8.390f	7.434f	673073	253677	5.141	2.282	#
36)	L8 AR-1262-1	8.086f	6.926f	1043015	595132	13.200	8.381	#
37)	L8 AR-1262-2	8.390f	7.261	673073	696860	4.401	11.428	#
39)	L8 AR-1262-4	8.913f	0.000	819491	0	10.019	N.D.	#
40)	L8 AR-1262-5	0.000	8.349	0	45052	N.D.	0.943	#
42)	L9 AR-1268-2	8.913f	0.000	819491	0	5.207	N.D.	#
43)	L9 AR-1268-3	0.000	8.009	0	17112	N.D.	0.150	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:34
Operator : YP\AJ
Sample : Q1382-07RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.349	0	45052	N.D.	0.865 #
45) L9	AR-1268-5	0.000	8.616	0	165960	N.D.	0.466 #

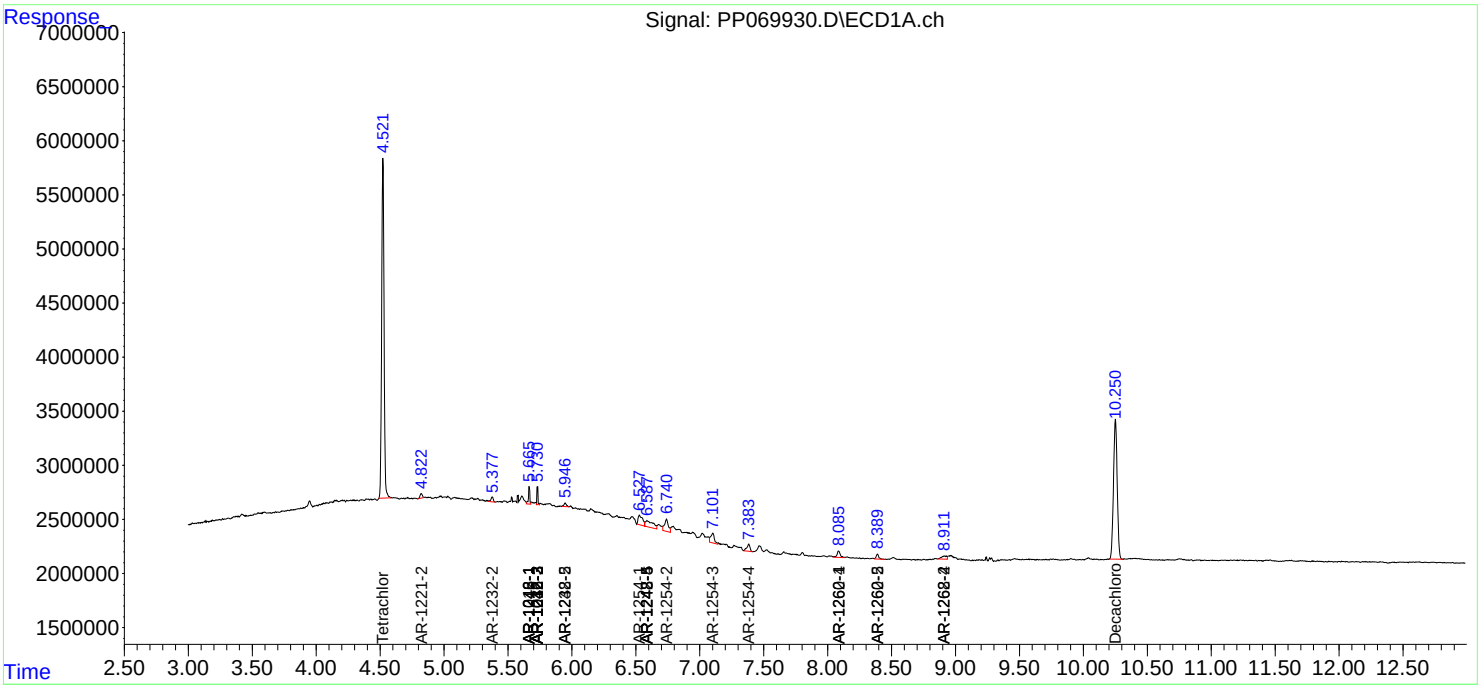
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

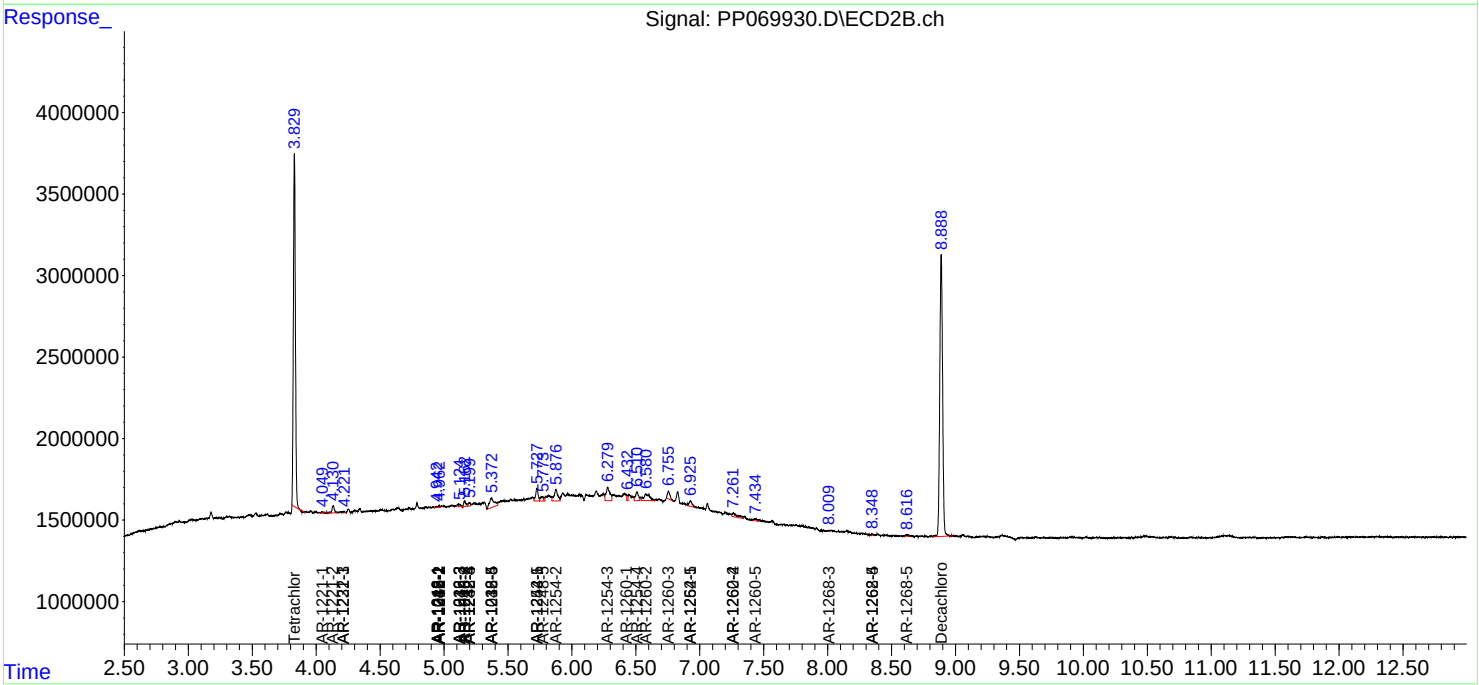
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069930.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:34
Operator : YP\AJ
Sample : Q1382-07RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

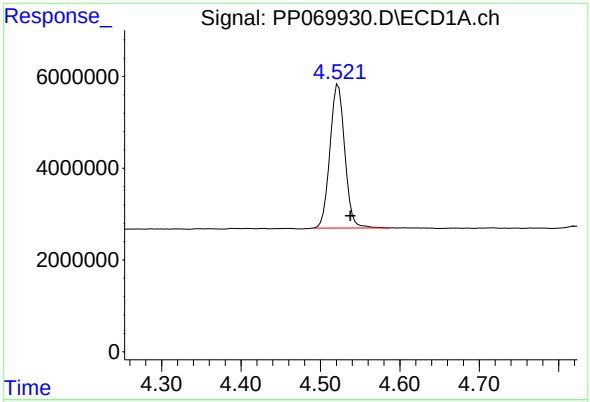
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



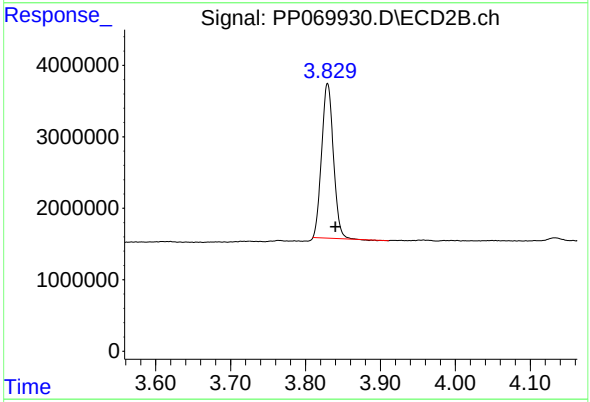




#1 Tetrachloro-m-xylene

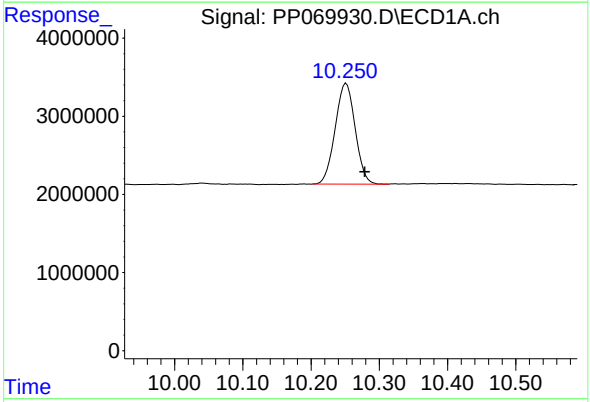
R.T.: 4.522 min
Delta R.T.: -0.016 min
Response: 40598309
Conc: 28.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



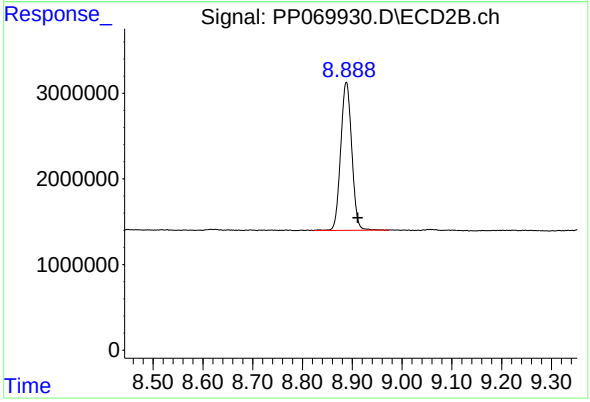
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23551904
Conc: 26.39 ng/ml



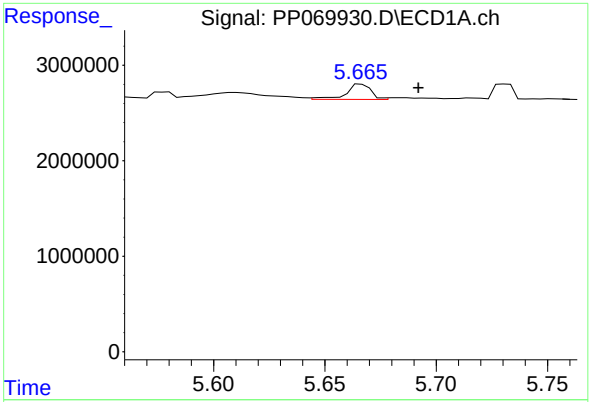
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 26213438
Conc: 23.99 ng/ml



#2 Decachlorobiphenyl

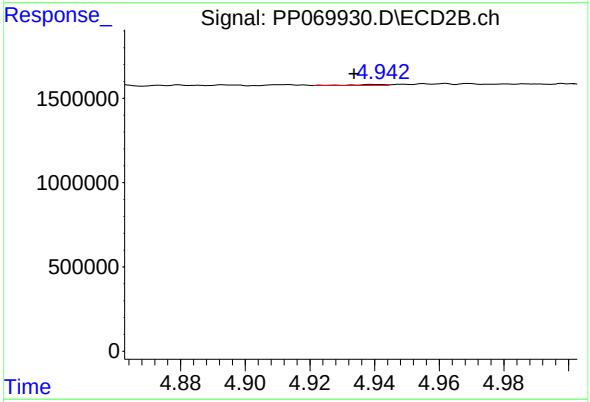
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26681553
Conc: 23.86 ng/ml



#3 AR-1016-1

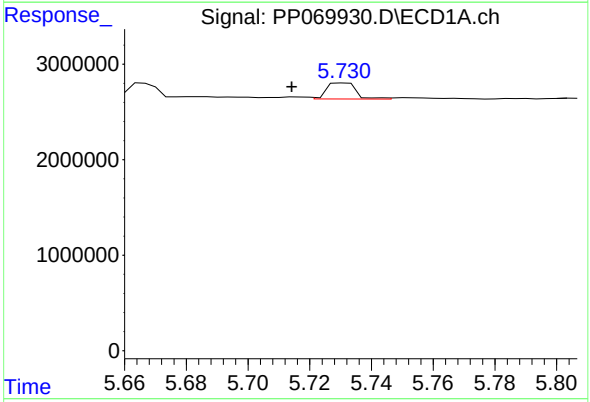
R.T.: 5.667 min
Delta R.T.: -0.025 min
Response: 1244227
Conc: 26.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



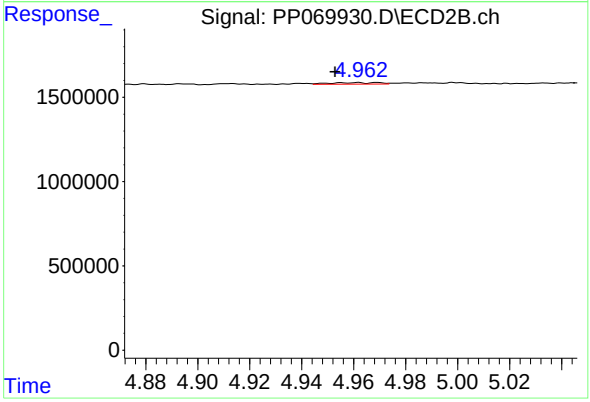
#3 AR-1016-1

R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 37339
Conc: 1.14 ng/ml



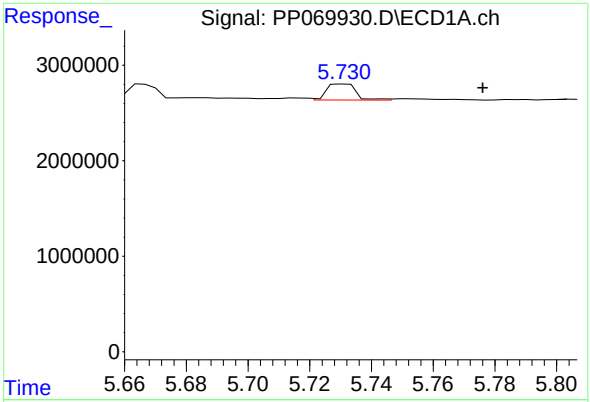
#4 AR-1016-2

R.T.: 5.731 min
Delta R.T.: 0.017 min
Response: 1105203
Conc: 16.28 ng/ml



#4 AR-1016-2

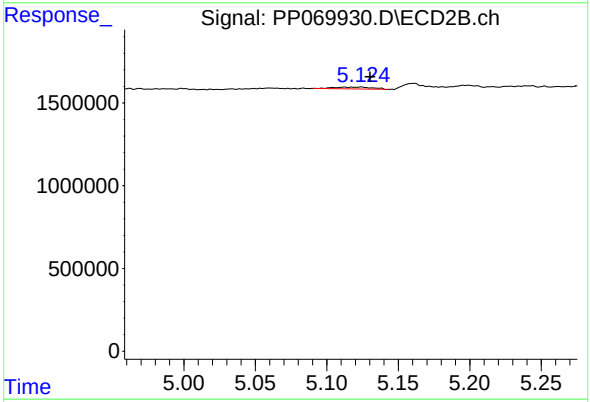
R.T.: 4.962 min
Delta R.T.: 0.009 min
Response: 122012
Conc: 2.71 ng/ml



#5 AR-1016-3

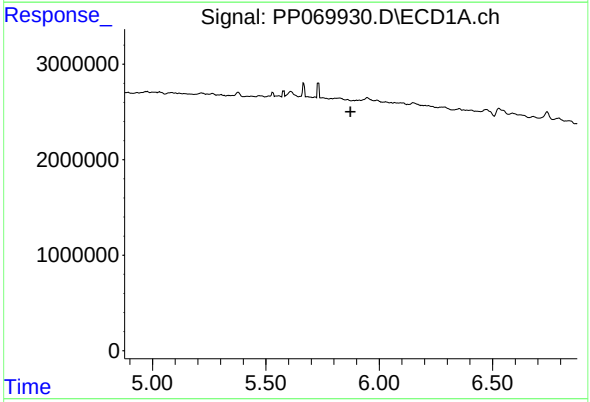
R.T.: 5.731 min
Delta R.T.: -0.045 min
Response: 1105203
Conc: 25.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



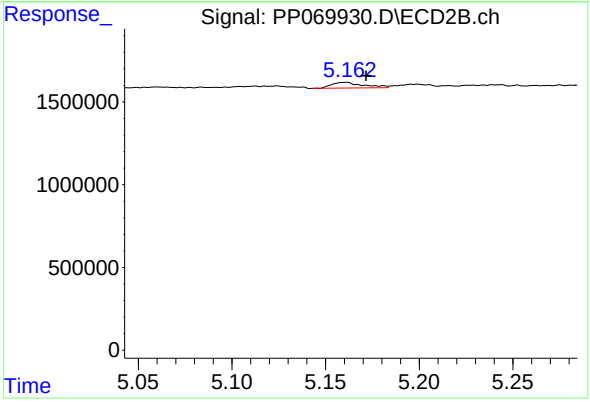
#5 AR-1016-3

R.T.: 5.124 min
Delta R.T.: -0.006 min
Response: 204327
Conc: 8.21 ng/ml



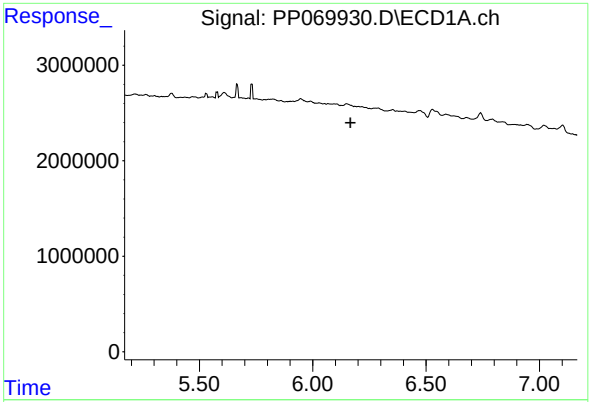
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

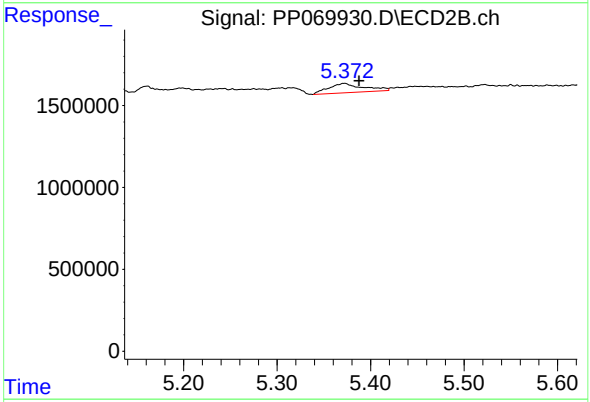
R.T.: 5.161 min
Delta R.T.: -0.011 min
Response: 406870
Conc: 20.15 ng/ml



#7 AR-1016-5

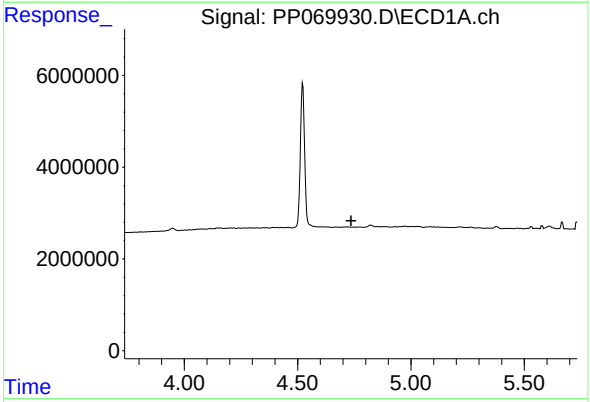
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



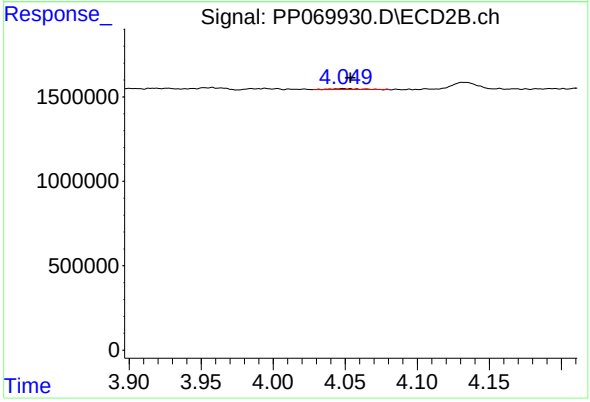
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 1492286
Conc: 55.63 ng/ml



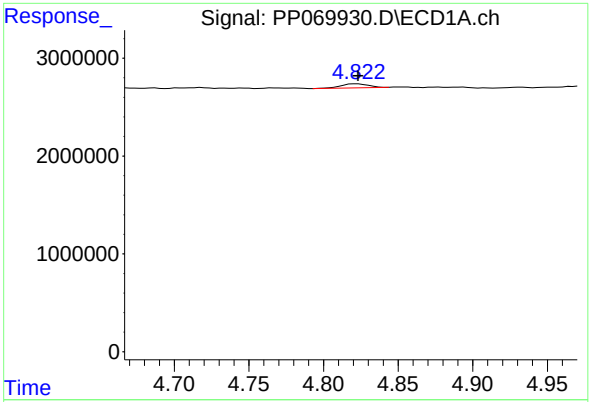
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

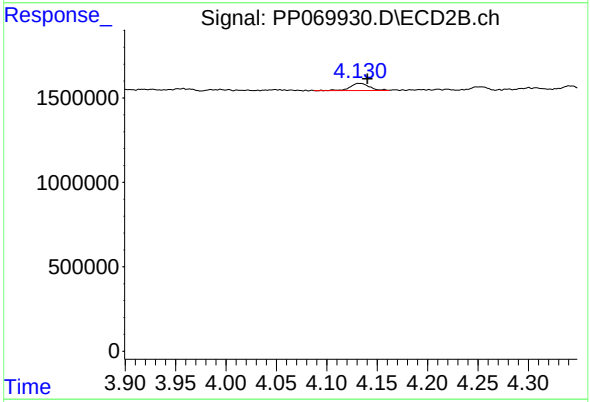
R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 52906
Conc: 4.29 ng/ml



#9 AR-1221-2

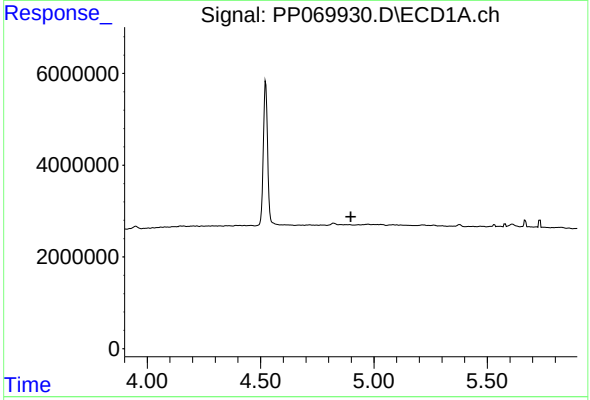
R.T.: 4.822 min
Delta R.T.: -0.001 min
Response: 526427
Conc: 38.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



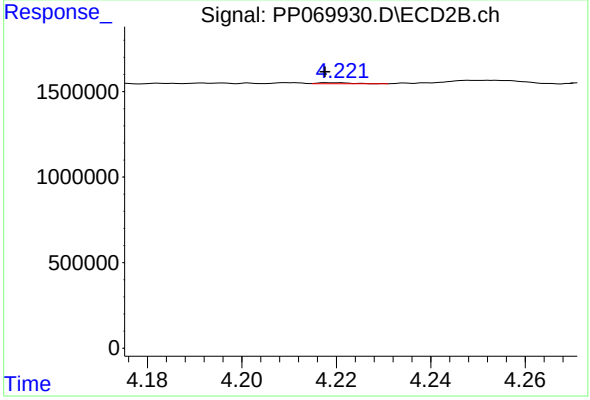
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.008 min
Response: 557248
Conc: 57.55 ng/ml



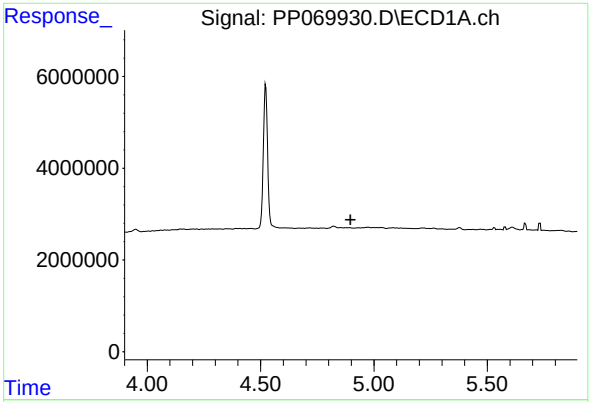
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

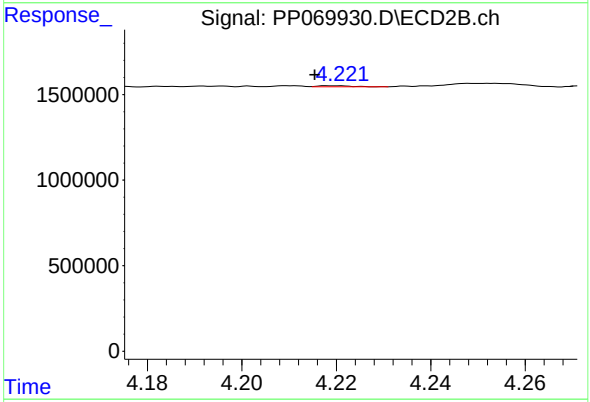
R.T.: 4.219 min
Delta R.T.: 0.002 min
Response: 29312
Conc: 1.00 ng/ml



#11 AR-1232-1

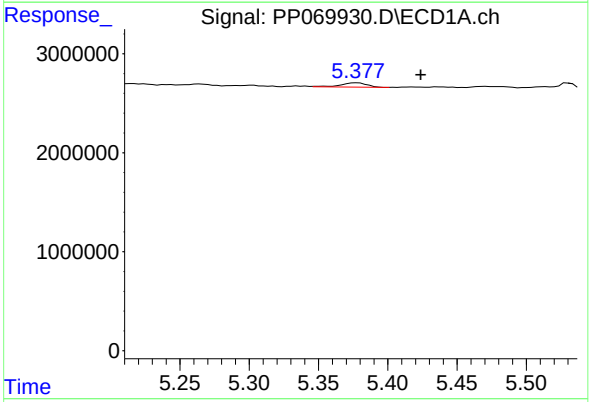
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



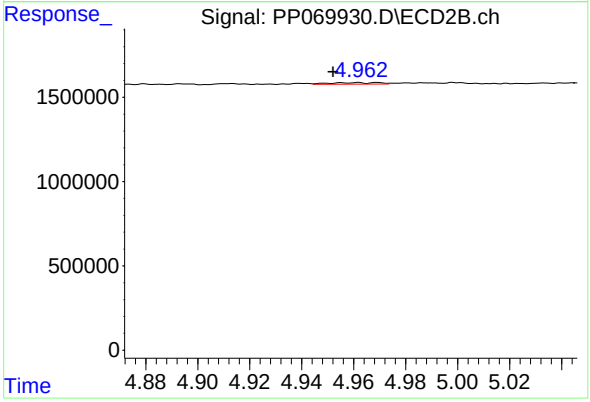
#11 AR-1232-1

R.T.: 4.219 min
Delta R.T.: 0.004 min
Response: 29312
Conc: 1.25 ng/ml



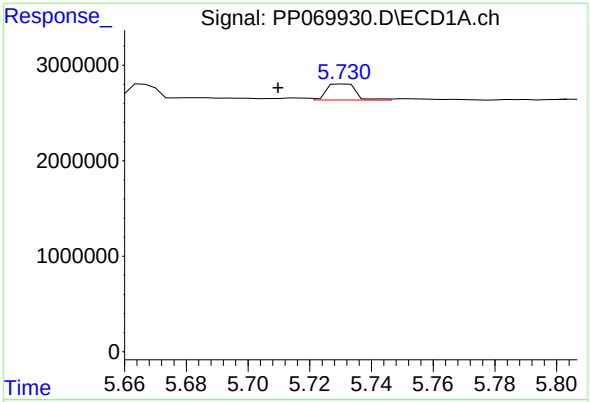
#12 AR-1232-2

R.T.: 5.378 min
Delta R.T.: -0.046 min
Response: 584803
Conc: 35.79 ng/ml



#12 AR-1232-2

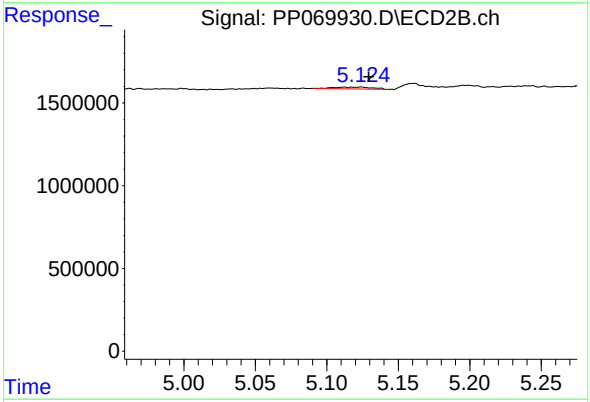
R.T.: 4.962 min
Delta R.T.: 0.010 min
Response: 122012
Conc: 5.18 ng/ml



#13 AR-1232-3

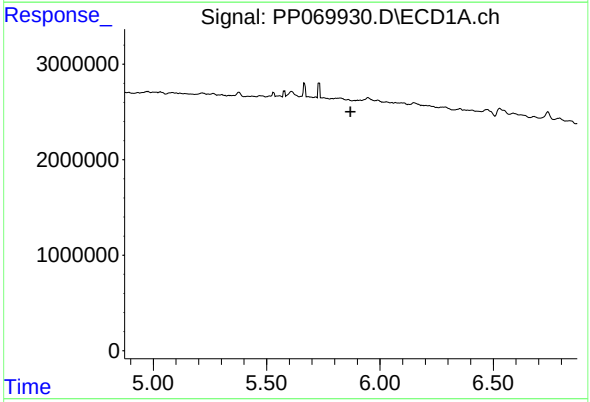
R.T.: 5.731 min
Delta R.T.: 0.022 min
Response: 1105203
Conc: 32.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



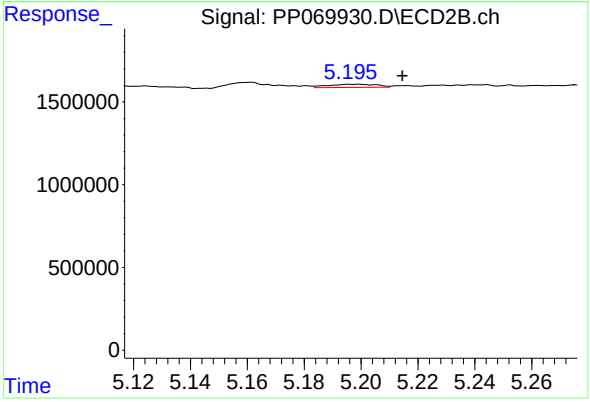
#13 AR-1232-3

R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 204327
Conc: 15.78 ng/ml



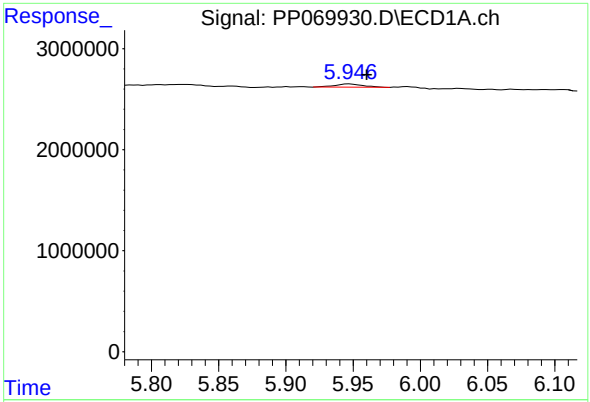
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

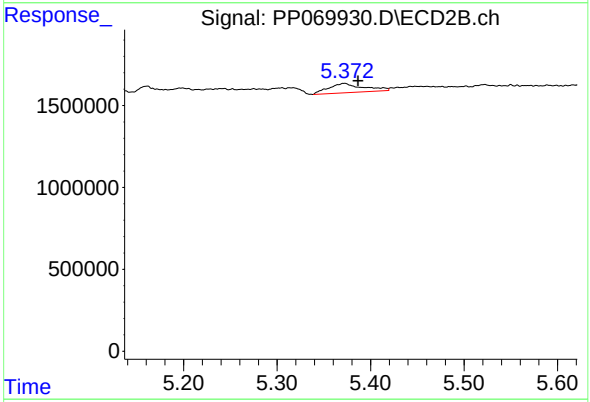
R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 234177
Conc: 21.12 ng/ml



#15 AR-1232-5

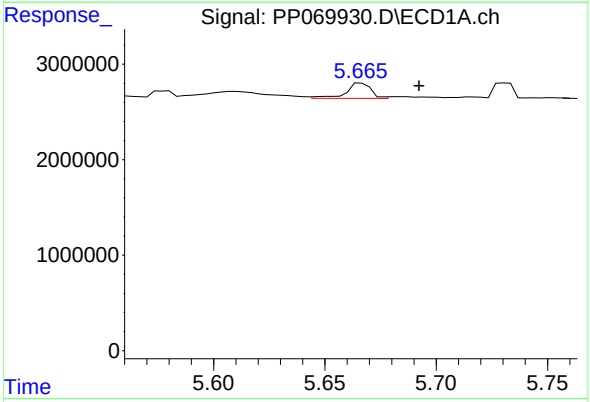
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 474012
Conc: 41.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



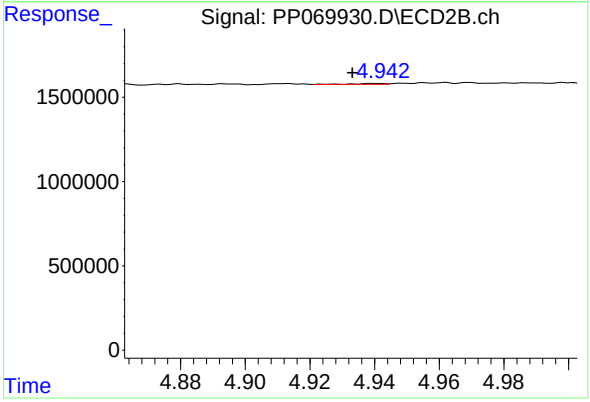
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 1492286
Conc: 122.22 ng/ml



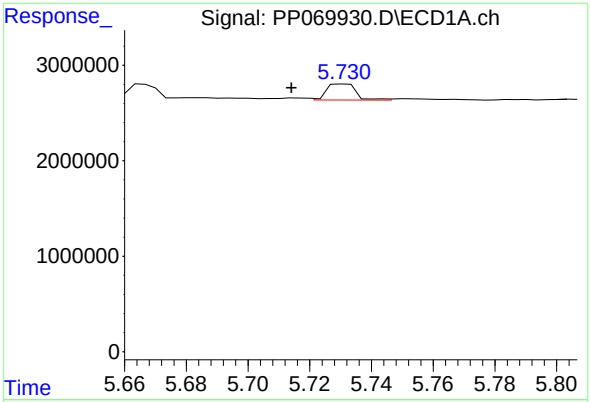
#16 AR-1242-1

R.T.: 5.667 min
Delta R.T.: -0.026 min
Response: 1244227
Conc: 29.83 ng/ml



#16 AR-1242-1

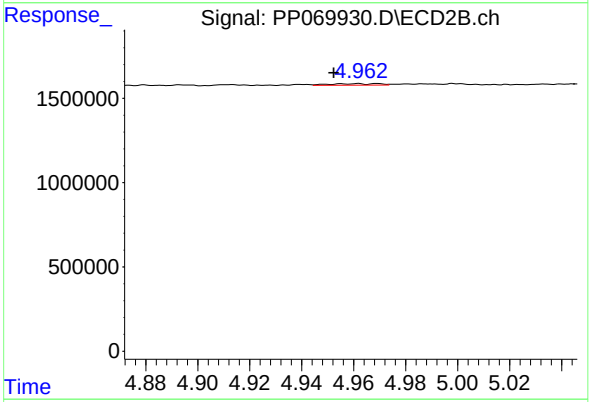
R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 37339
Conc: 1.30 ng/ml



#17 AR-1242-2

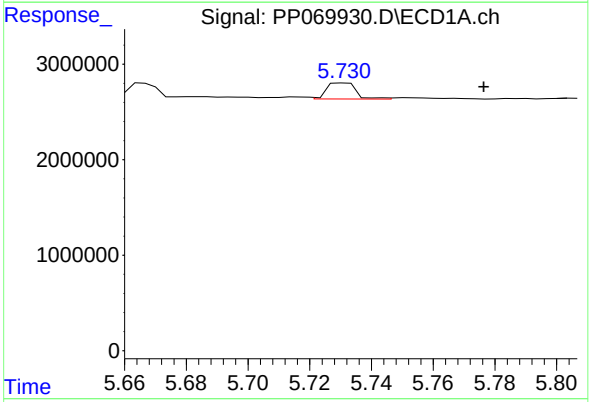
R.T.: 5.731 min
Delta R.T.: 0.017 min
Response: 1105203
Conc: 18.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



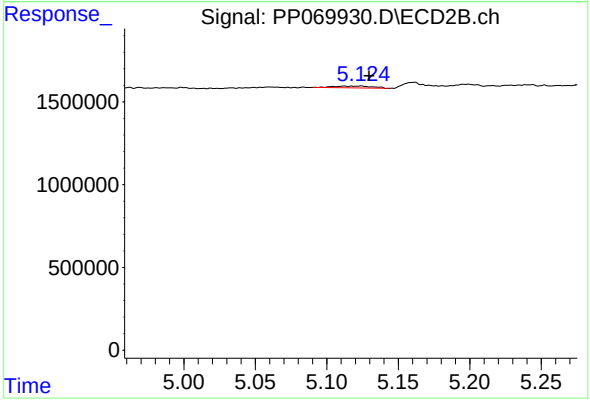
#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.009 min
Response: 122012
Conc: 3.10 ng/ml



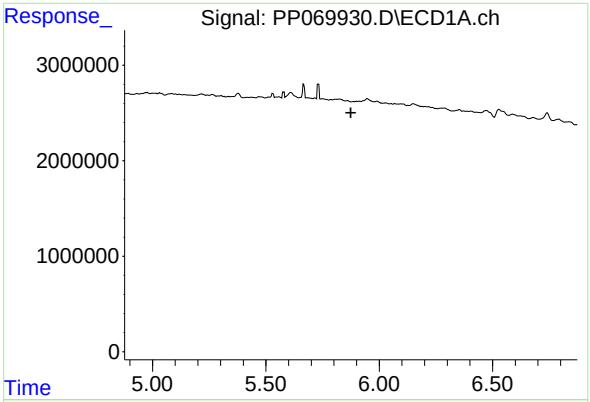
#18 AR-1242-3

R.T.: 5.731 min
Delta R.T.: -0.045 min
Response: 1105203
Conc: 29.79 ng/ml



#18 AR-1242-3

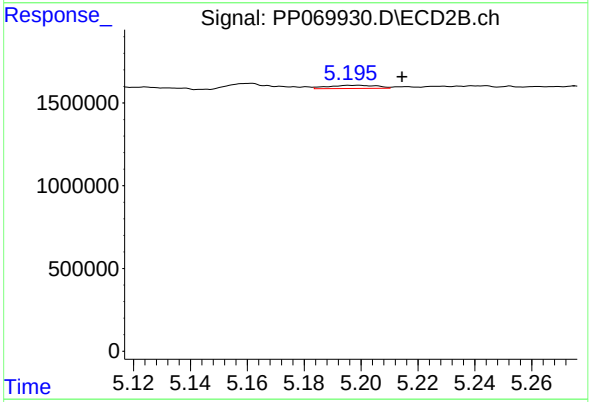
R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 204327
Conc: 9.08 ng/ml



#19 AR-1242-4

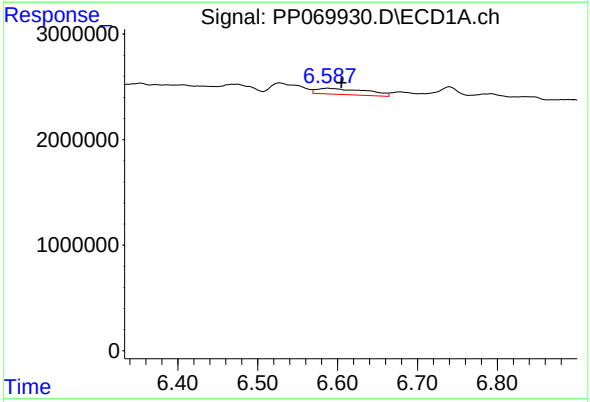
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



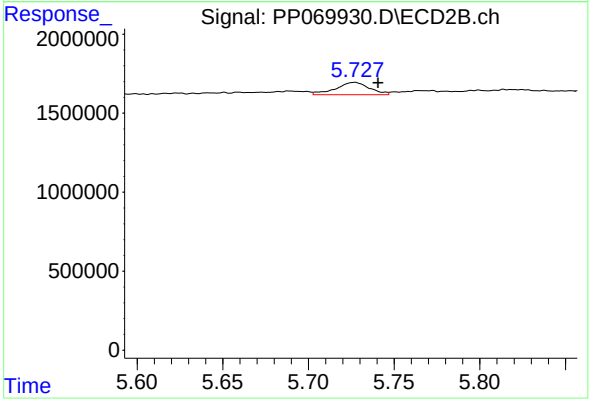
#19 AR-1242-4

R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 234177
Conc: 10.85 ng/ml



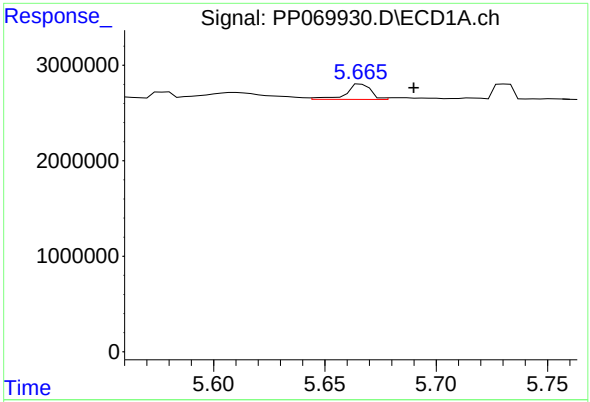
#20 AR-1242-5

R.T.: 6.588 min
Delta R.T.: -0.017 min
Response: 2507481
Conc: 76.95 ng/ml



#20 AR-1242-5

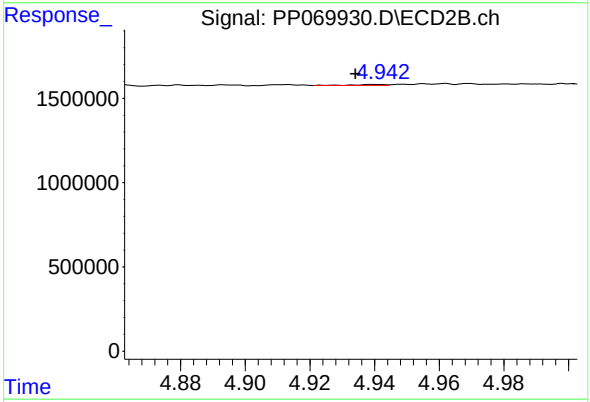
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 1066352
Conc: 37.07 ng/ml



#21 AR-1248-1

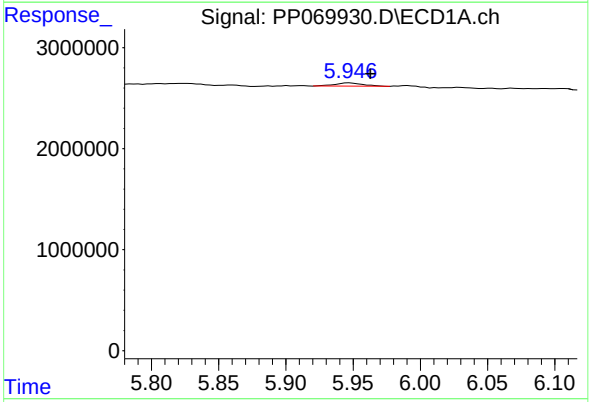
R.T.: 5.667 min
Delta R.T.: -0.023 min
Response: 1244227
Conc: 38.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



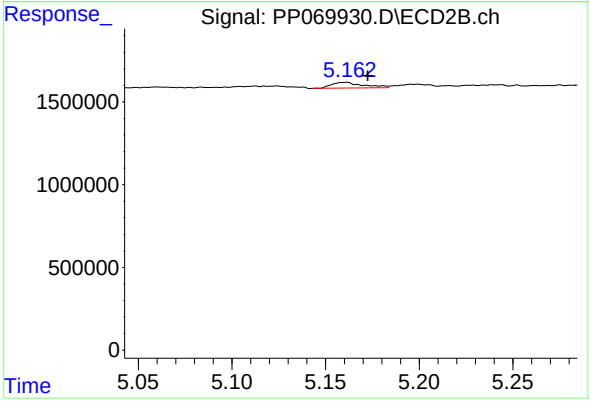
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 37339
Conc: 1.70 ng/ml



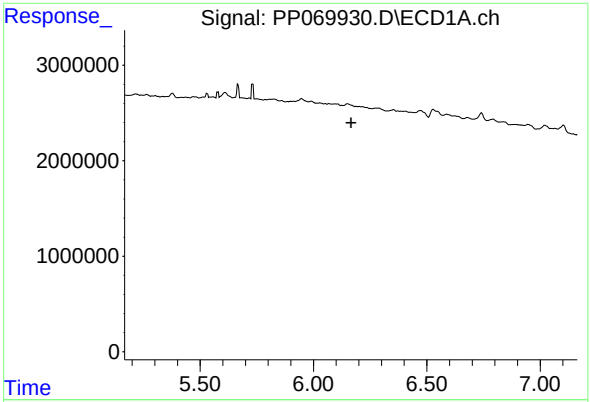
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.015 min
Response: 474012
Conc: 11.17 ng/ml



#22 AR-1248-2

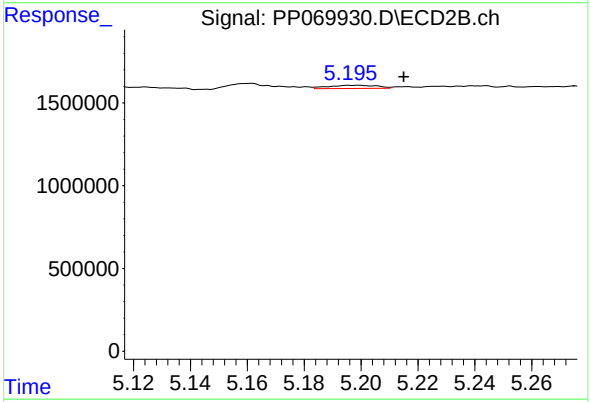
R.T.: 5.161 min
Delta R.T.: -0.012 min
Response: 406870
Conc: 13.53 ng/ml



#23 AR-1248-3

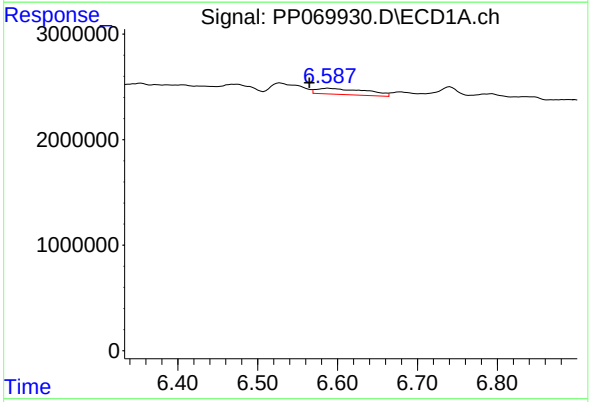
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



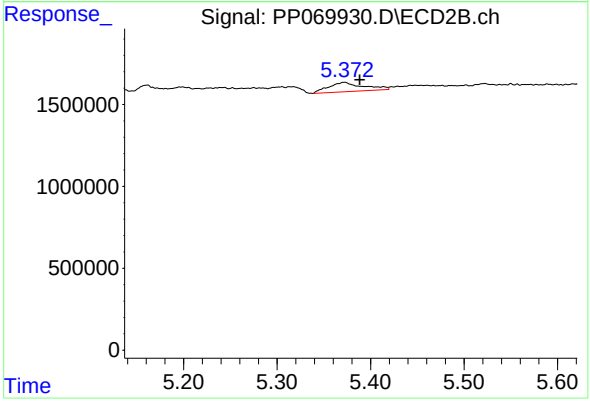
#23 AR-1248-3

R.T.: 5.198 min
Delta R.T.: -0.017 min
Response: 234177
Conc: 7.56 ng/ml



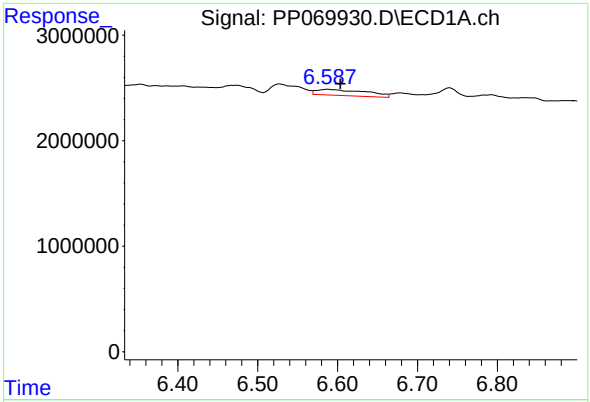
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: 0.023 min
Response: 2507481
Conc: 45.49 ng/ml



#24 AR-1248-4

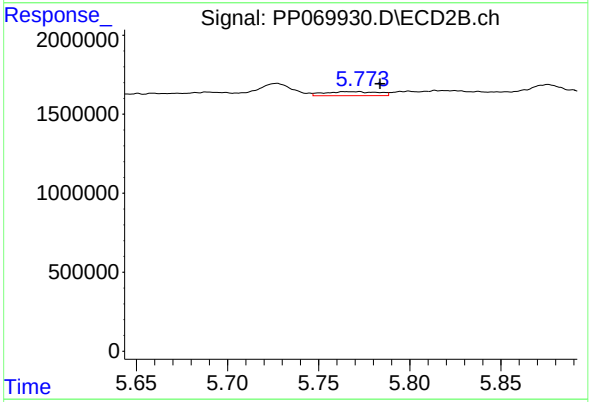
R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 1492286
Conc: 40.39 ng/ml



#25 AR-1248-5

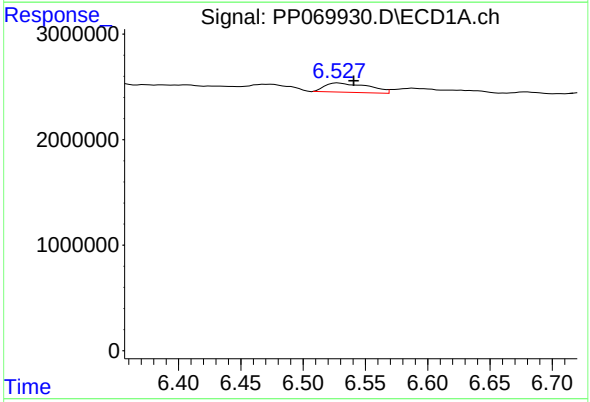
R.T.: 6.588 min
Delta R.T.: -0.016 min
Response: 2507481
Conc: 46.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



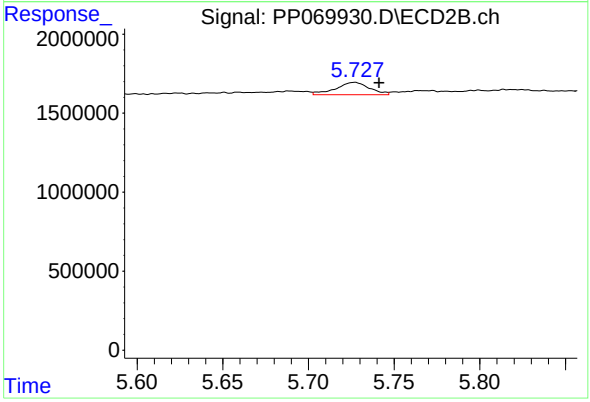
#25 AR-1248-5

R.T.: 5.772 min
Delta R.T.: -0.012 min
Response: 524136
Conc: 14.02 ng/ml



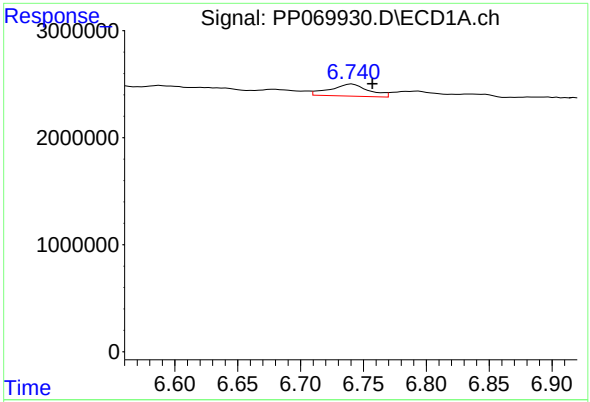
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.012 min
Response: 2160735
Conc: 37.34 ng/ml



#26 AR-1254-1

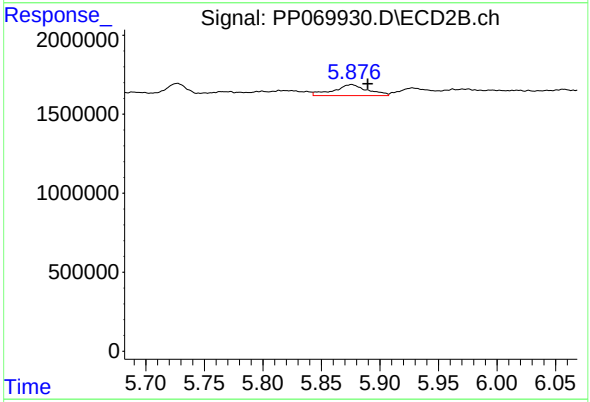
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 1066352
Conc: 19.37 ng/ml



#27 AR-1254-2

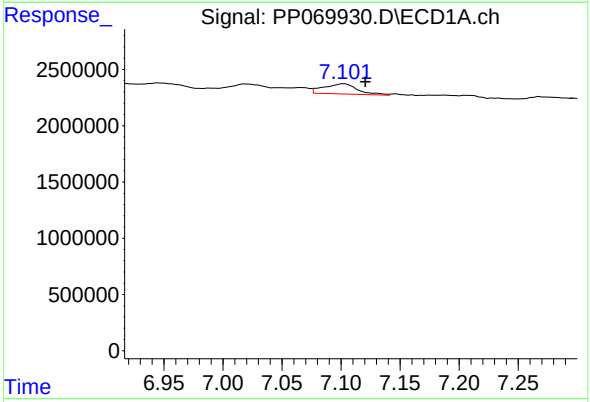
R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 2398254
Conc: 29.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



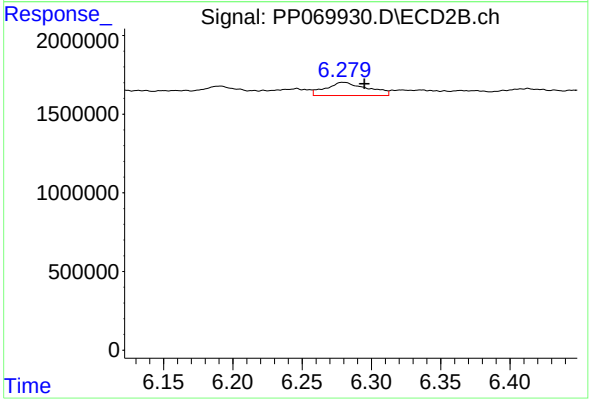
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 1412358
Conc: 29.20 ng/ml



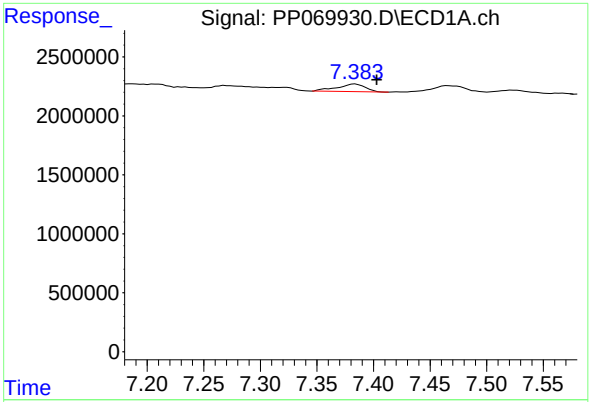
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.018 min
Response: 1826899
Conc: 21.67 ng/ml



#28 AR-1254-3

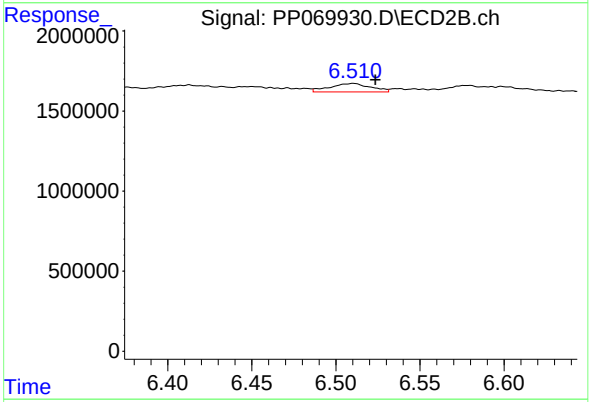
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 1734427
Conc: 22.85 ng/ml



#29 AR-1254-4

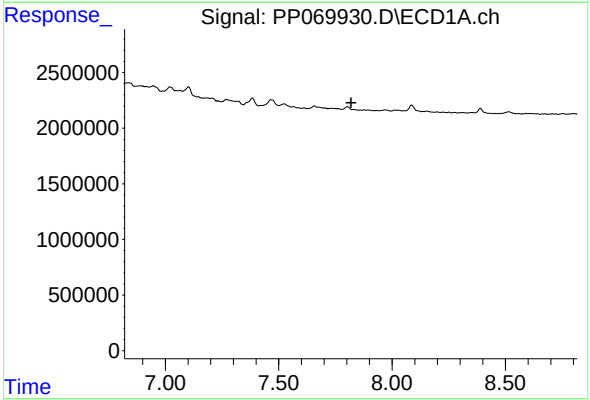
R.T.: 7.384 min
Delta R.T.: -0.019 min
Response: 1137479
Conc: 16.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



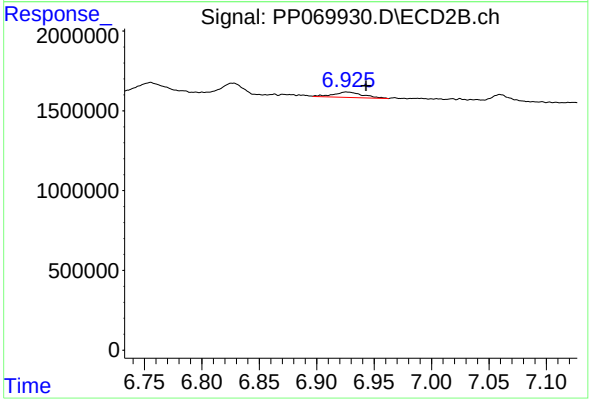
#29 AR-1254-4

R.T.: 6.511 min
Delta R.T.: -0.013 min
Response: 897337
Conc: 17.51 ng/ml



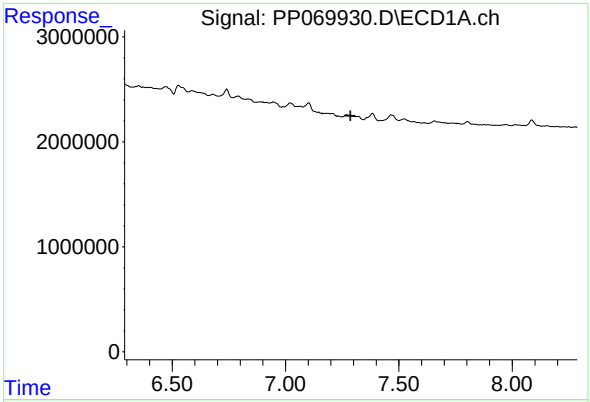
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

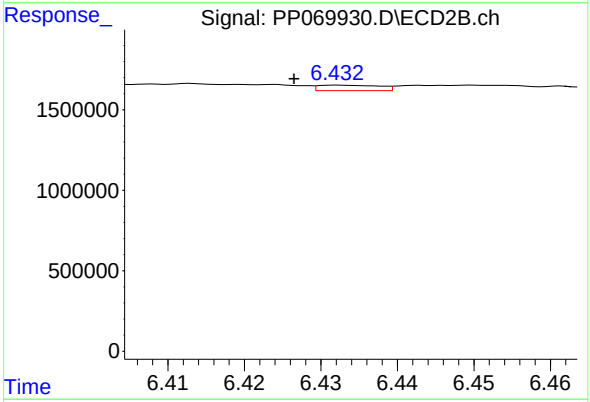
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 595132
Conc: 8.94 ng/ml



#31 AR-1260-1

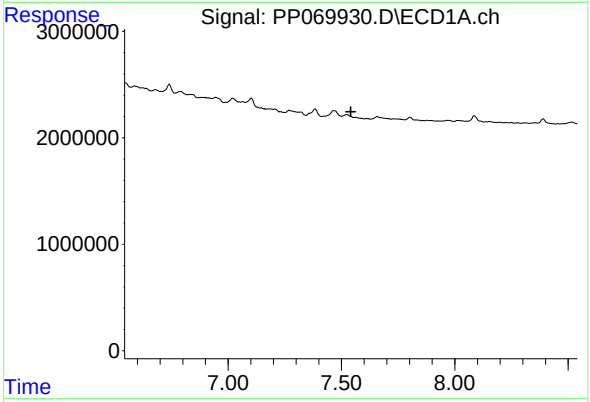
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



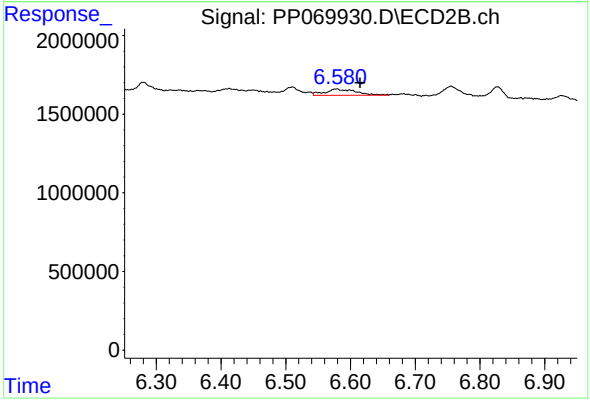
#31 AR-1260-1

R.T.: 6.432 min
Delta R.T.: 0.006 min
Response: 188346
Conc: 3.91 ng/ml



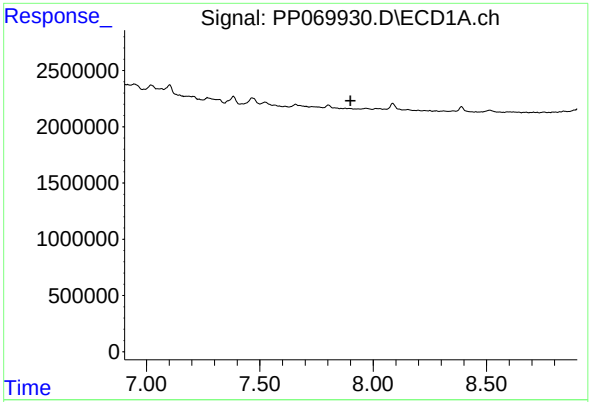
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

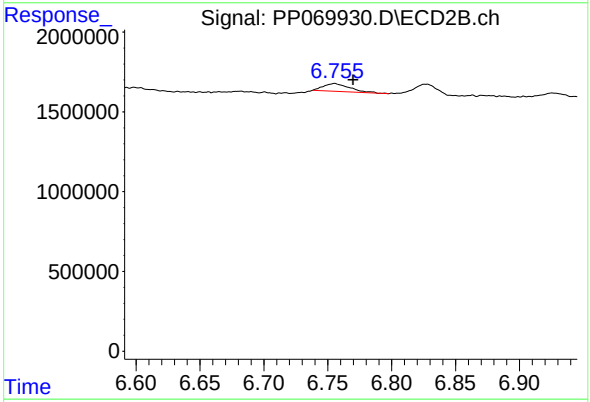
R.T.: 6.579 min
Delta R.T.: -0.036 min
Response: 1328160
Conc: 21.67 ng/ml



#33 AR-1260-3

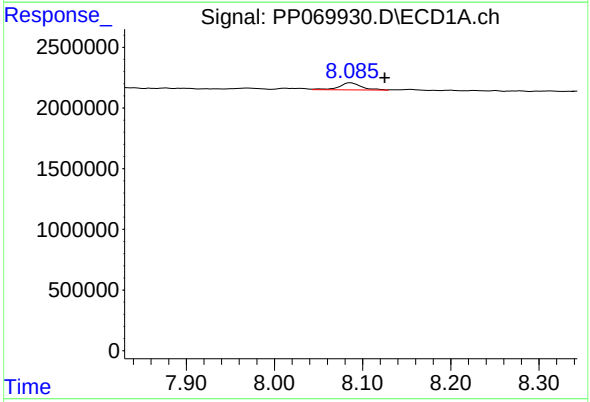
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



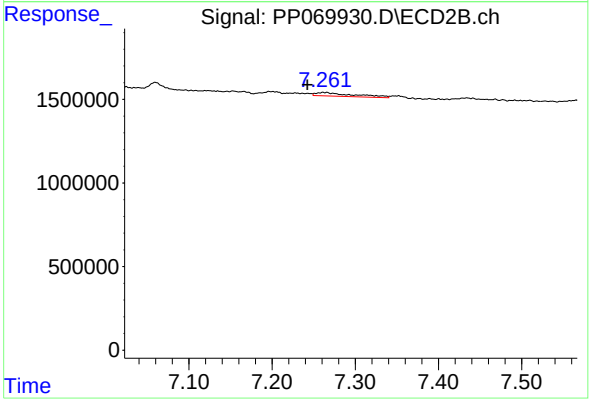
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.014 min
Response: 696664
Conc: 11.58 ng/ml



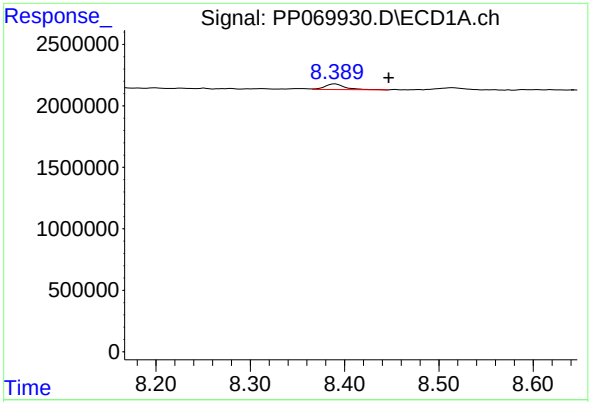
#34 AR-1260-4

R.T.: 8.086 min
Delta R.T.: -0.039 min
Response: 1043015
Conc: 15.81 ng/ml



#34 AR-1260-4

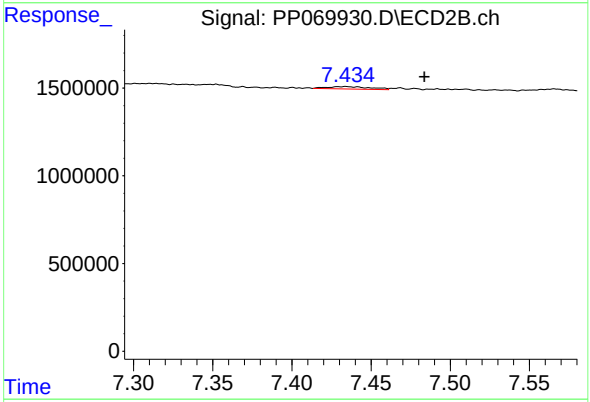
R.T.: 7.261 min
Delta R.T.: 0.019 min
Response: 696860
Conc: 15.00 ng/ml



#35 AR-1260-5

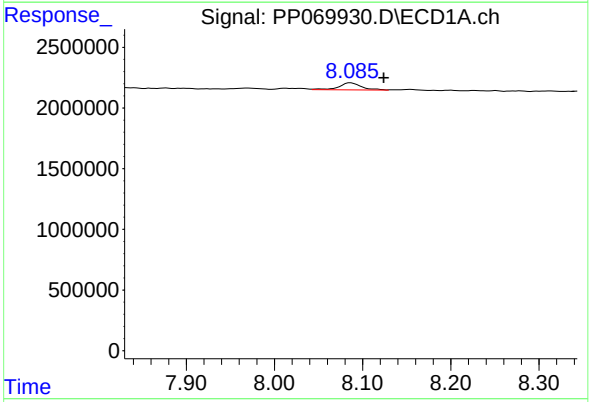
R.T.: 8.390 min
Delta R.T.: -0.057 min
Response: 673073
Conc: 5.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



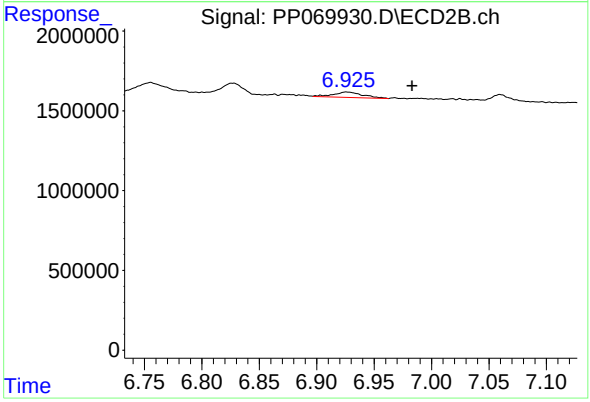
#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.049 min
Response: 253677
Conc: 2.28 ng/ml



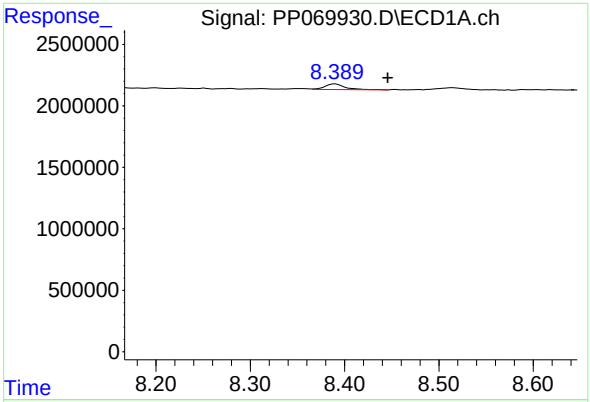
#36 AR-1262-1

R.T.: 8.086 min
Delta R.T.: -0.038 min
Response: 1043015
Conc: 13.20 ng/ml



#36 AR-1262-1

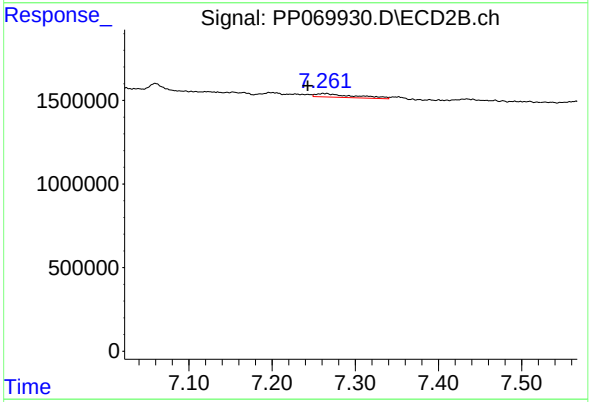
R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 595132
Conc: 8.38 ng/ml



#37 AR-1262-2

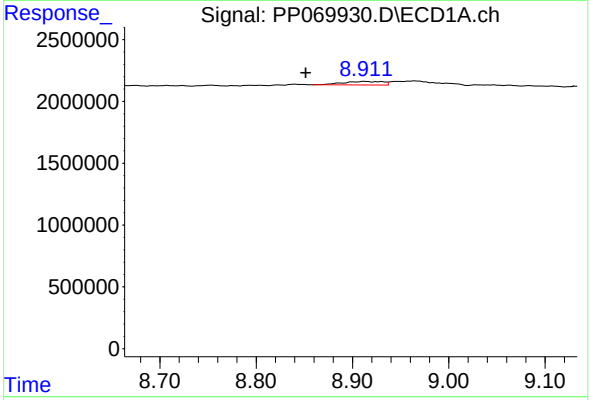
R.T.: 8.390 min
Delta R.T.: -0.055 min
Response: 673073
Conc: 4.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



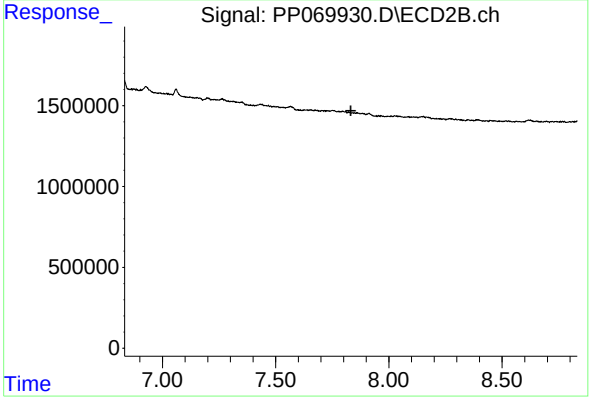
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 696860
Conc: 11.43 ng/ml



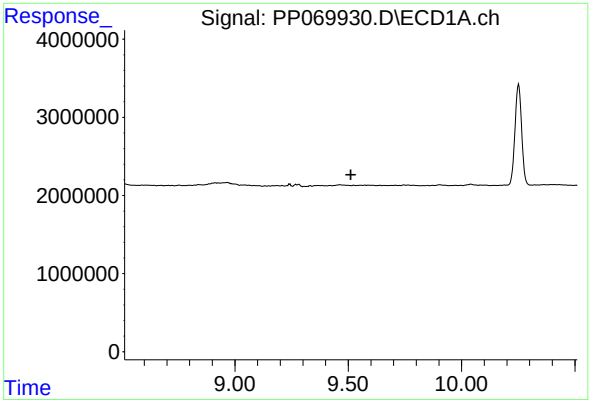
#39 AR-1262-4

R.T.: 8.913 min
Delta R.T.: 0.061 min
Response: 819491
Conc: 10.02 ng/ml



#39 AR-1262-4

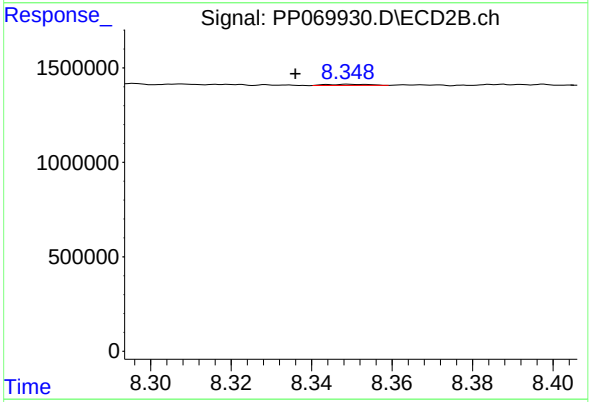
R.T.: 0.000 min
Exp R.T. : 7.832 min
Response: 0
Conc: N.D.



#40 AR-1262-5

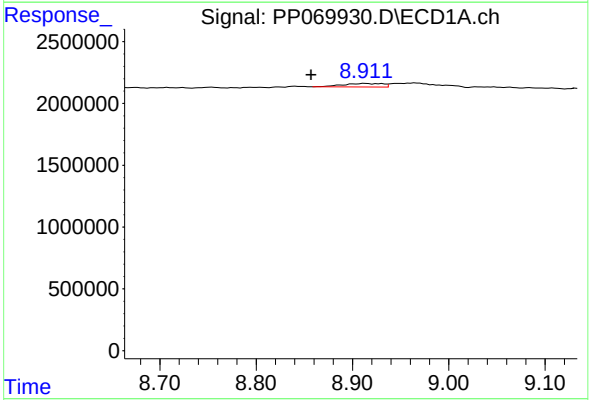
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



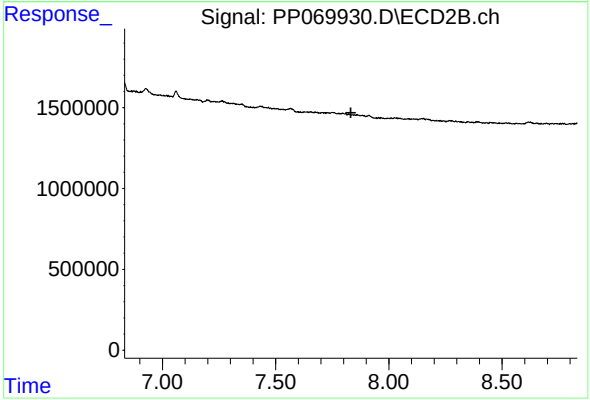
#40 AR-1262-5

R.T.: 8.349 min
Delta R.T.: 0.013 min
Response: 45052
Conc: 0.94 ng/ml



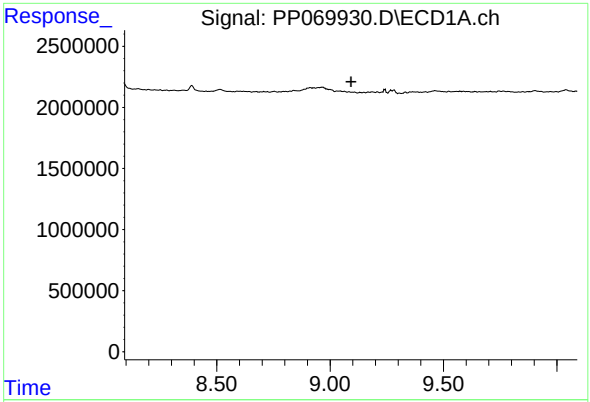
#42 AR-1268-2

R.T.: 8.913 min
Delta R.T.: 0.056 min
Response: 819491
Conc: 5.21 ng/ml



#42 AR-1268-2

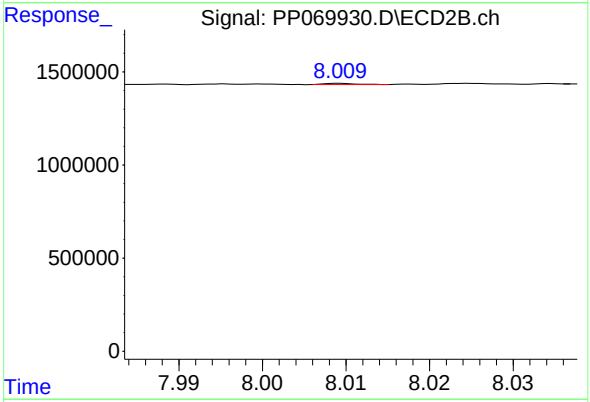
R.T.: 0.000 min
Exp R.T. : 7.832 min
Response: 0
Conc: N.D.



#43 AR-1268-3

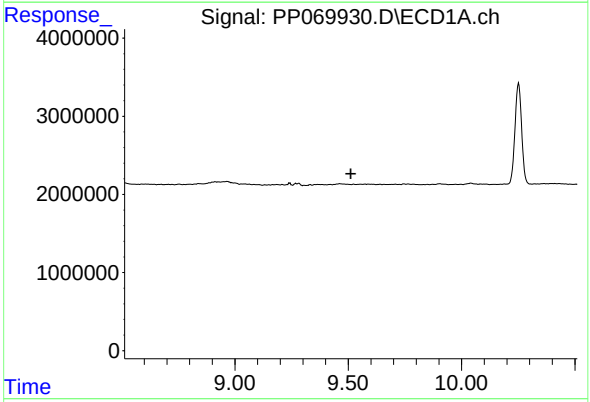
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



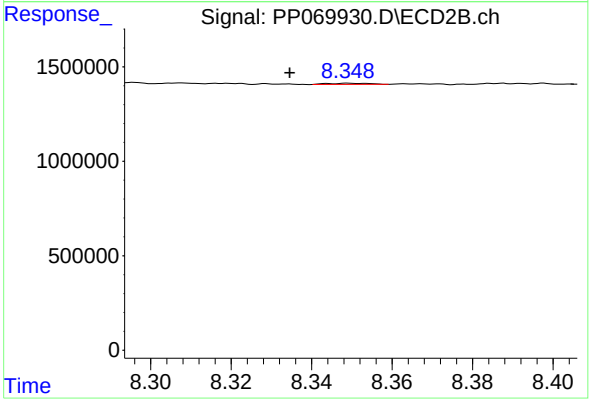
#43 AR-1268-3

R.T.: 8.009 min
Delta R.T.: -0.030 min
Response: 17112
Conc: 0.15 ng/ml



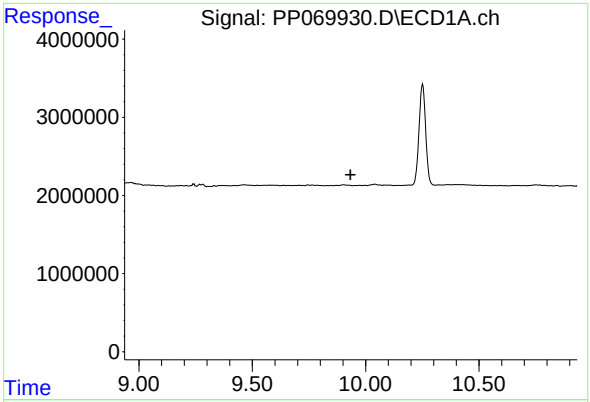
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

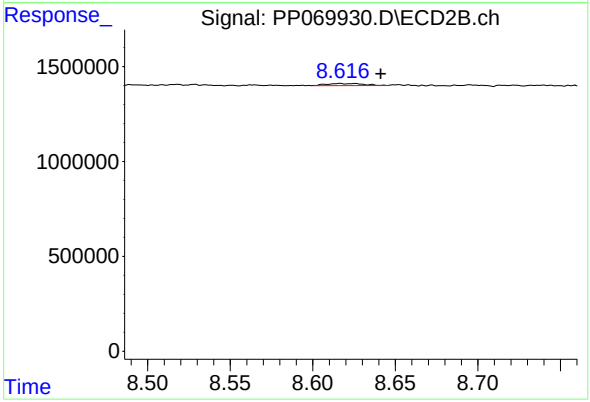
R.T.: 8.349 min
Delta R.T.: 0.015 min
Response: 45052
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-04-021725RE



#45 AR-1268-5

R.T.: 8.616 min
Delta R.T.: -0.025 min
Response: 165960
Conc: 0.47 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:50
Operator : YP\AJ
Sample : Q1382-11RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	41249656	23381792	28.816	26.197	
2)	SA Decachlor...	10.255	8.888	26098974	26665620	23.881	23.841	
	Target Compounds							
3)	L1 AR-1016-1	5.711	4.923	1265083	45068	27.304	1.382	#
4)	L1 AR-1016-2	5.711	4.954	1265083	79636	18.638	1.771	#
5)	L1 AR-1016-3	5.711f	5.164	1265083	2135283	29.699	85.810	#
6)	L1 AR-1016-4	0.000	5.164	0	2135283	N.D.	105.727	#
7)	L1 AR-1016-5	6.152	5.373	3377706	8239781	102.173	307.181	#
8)	L2 AR-1221-1	0.000	4.053	0	145905	N.D.	11.845	#
9)	L2 AR-1221-2	4.829	4.134	656125	479554	47.919	49.523	
10)	L2 AR-1221-3	4.829f	4.220	656125	18355	15.643	0.629	#
11)	L3 AR-1232-1	4.829f	4.220	656125	18355	19.707	0.782	#
12)	L3 AR-1232-2	5.379f	4.954	475587	79636	29.102	3.378	#
13)	L3 AR-1232-3	5.711	5.164	1265083	2135283	36.820	164.922	#
14)	L3 AR-1232-4	0.000	5.198	0	2168976	N.D.	195.645	#
15)	L3 AR-1232-5	5.950	5.373	2179346	8239781	190.130	674.821	#
16)	L4 AR-1242-1	5.711	4.923	1265083	45068	30.334	1.563	#
17)	L4 AR-1242-2	5.711	4.954	1265083	79636	21.445	2.021	#
18)	L4 AR-1242-3	5.711f	5.164	1265083	2135283	34.101	94.884	#
19)	L4 AR-1242-4	0.000	5.198	0	2168976	N.D.	100.498	#
20)	L4 AR-1242-5	6.595	5.749	8619159	4032942	264.519	140.187	#
21)	L5 AR-1248-1	5.711	4.923	1265083	45068	38.999	2.048	#
22)	L5 AR-1248-2	5.950	5.164	2179346	2135283	51.343	71.023	#
23)	L5 AR-1248-3	6.152	5.198	3377706	2168976	71.886	70.002	
24)	L5 AR-1248-4	6.550	5.373	6569948	8239781	119.191	223.036	#
25)	L5 AR-1248-5	6.595	5.815	8619159	4478191	161.456	119.772	#
26)	L6 AR-1254-1	6.532	5.749	7303773	4032942	126.224	73.252	#
27)	L6 AR-1254-2	6.745	5.874	16739417	6221847	208.612	128.633	#
28)	L6 AR-1254-3	7.107	6.280	17737174	9136051	210.434	120.376	#
29)	L6 AR-1254-4	7.390	6.508	12678856	4664408	185.940	91.013	#
30)	L6 AR-1254-5	7.808	6.927	5406820	3646813	79.458	54.789	#
31)	L7 AR-1260-1	7.273	6.411	10957976	6556958	187.520	135.953	#
32)	L7 AR-1260-2	7.526	6.598	7264828	3328352	93.363	54.293	#
33)	L7 AR-1260-3	7.836f	6.752	1486452	1545376	23.776	25.689	
34)	L7 AR-1260-4	8.093	7.224	2444751	194413	37.055	4.184	#
35)	L7 AR-1260-5	8.394f	7.466	699085	789917	5.340	7.107	#
36)	L8 AR-1262-1	8.093	6.998	2444751	511546	30.939	7.204	#
37)	L8 AR-1262-2	8.394f	7.262	699085	858115	4.571	14.072	#
38)	L8 AR-1262-3	8.759	7.758	332885	359155	3.132	6.867	#
39)	L8 AR-1262-4	0.000	7.810	0	724859	N.D.	7.842	#
40)	L8 AR-1262-5	0.000	8.270f	0	264875	N.D.	5.542	#
41)	L9 AR-1268-1	8.759	7.758	332885	359155	1.885	2.475	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:50
Operator : YP\AJ
Sample : Q1382-11RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.810	0	724859	N.D.	5.458 #
43) L9	AR-1268-3	0.000	8.018	0	95943	N.D.	0.844 #
44) L9	AR-1268-4	0.000	8.270f	0	264875	N.D.	5.086 #
45) L9	AR-1268-5	0.000	8.619	0	215404	N.D.	0.605 #

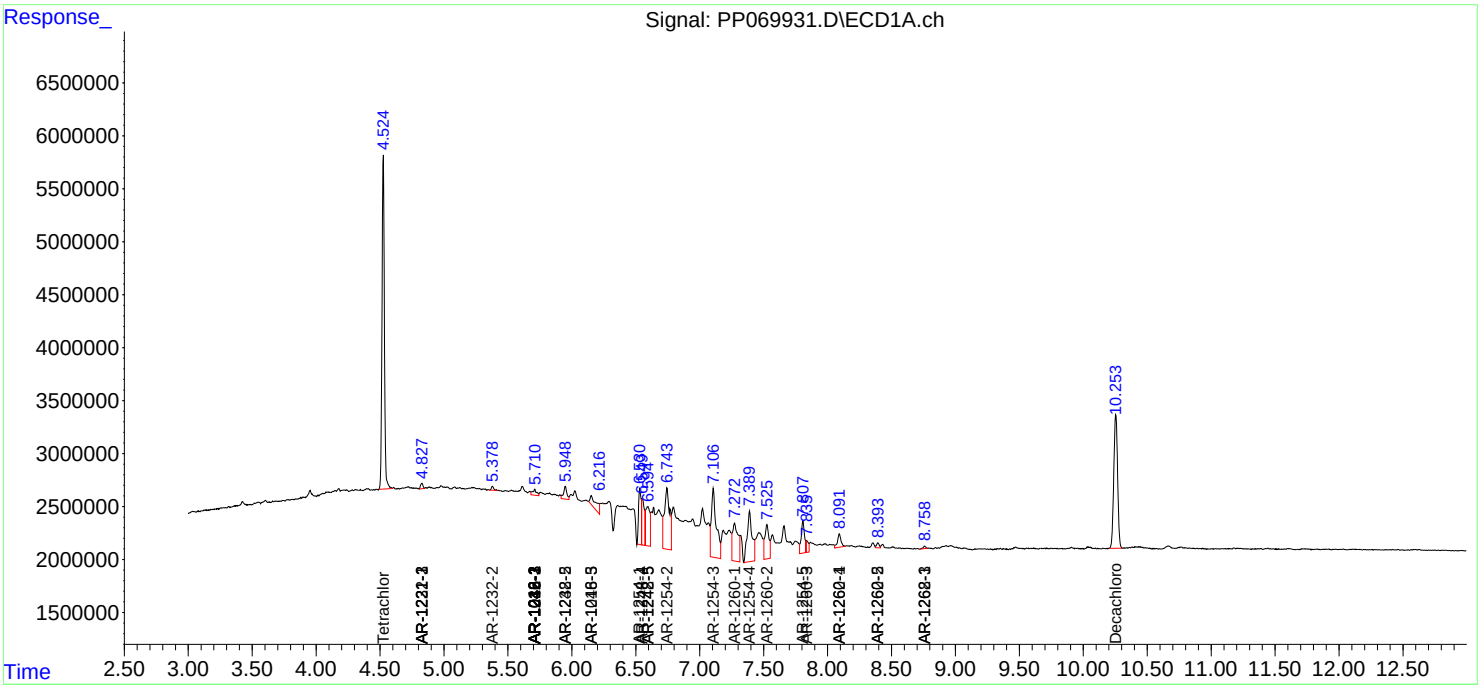
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

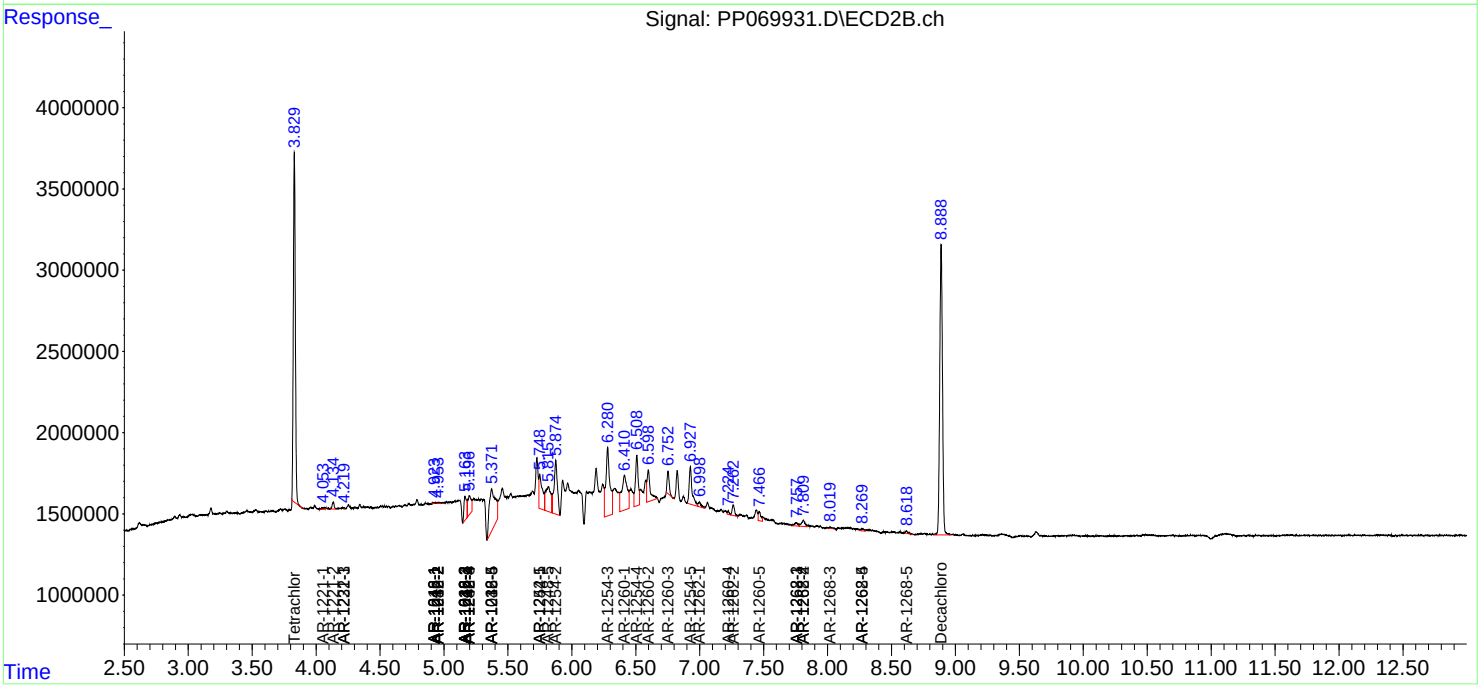
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069931.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 20:50
Operator : YP\AJ
Sample : Q1382-11RE
Misc :
ALS Vial : 26 Sample Multiplier: 1

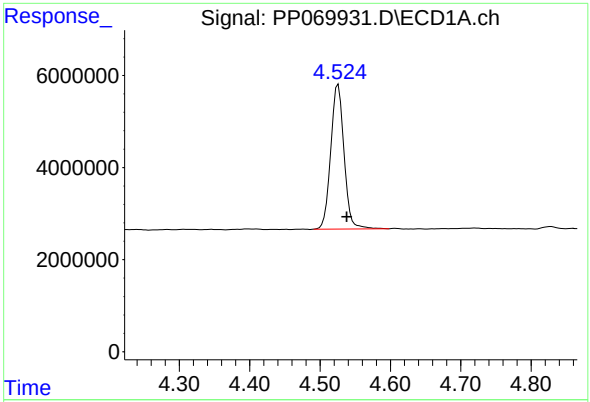
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



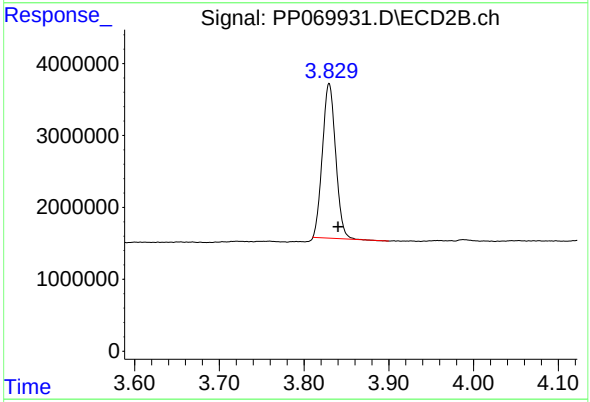




#1 Tetrachloro-m-xylene

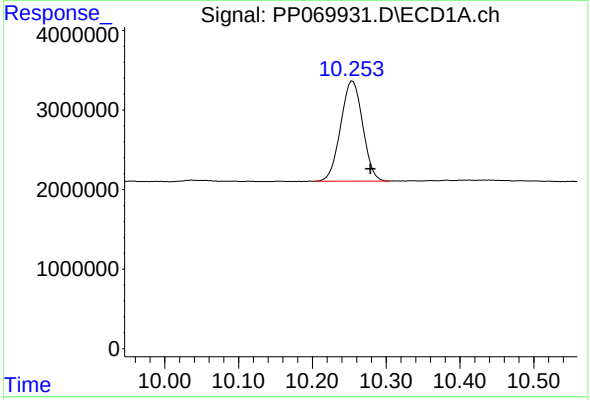
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 41249656
Conc: 28.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



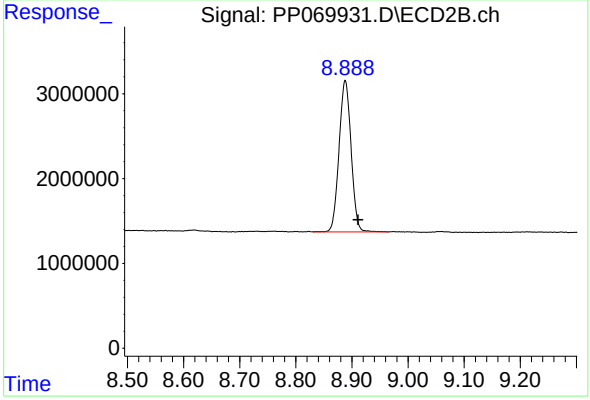
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23381792
Conc: 26.20 ng/ml



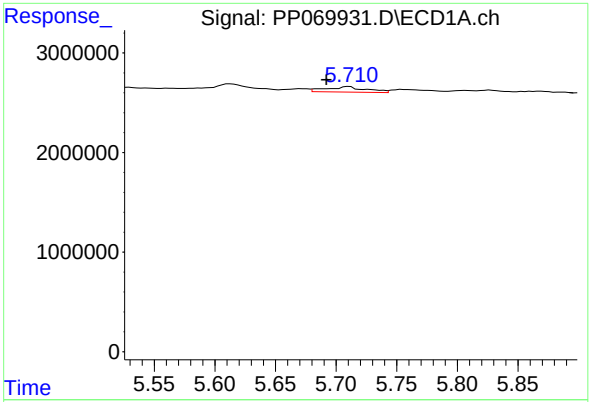
#2 Decachlorobiphenyl

R.T.: 10.255 min
Delta R.T.: -0.024 min
Response: 26098974
Conc: 23.88 ng/ml



#2 Decachlorobiphenyl

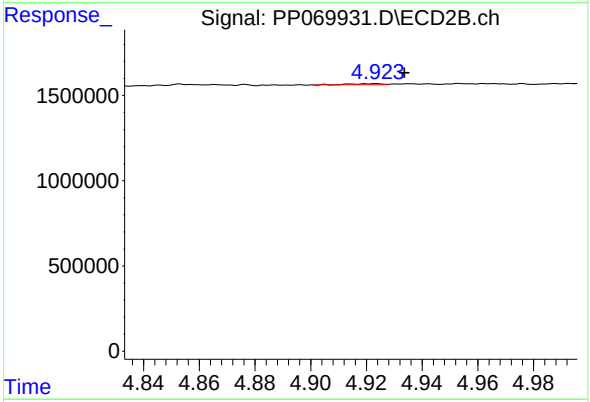
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26665620
Conc: 23.84 ng/ml



#3 AR-1016-1

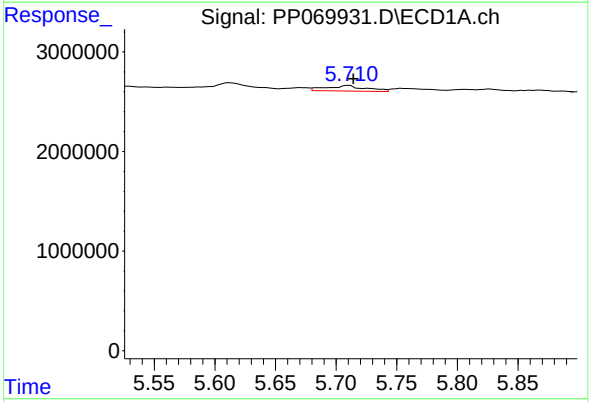
R.T.: 5.711 min
Delta R.T.: 0.019 min
Response: 1265083
Conc: 27.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



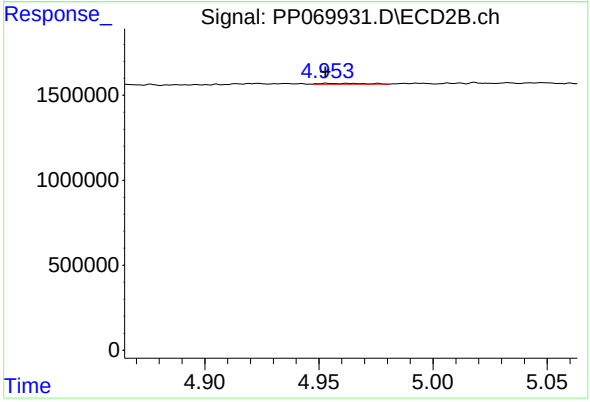
#3 AR-1016-1

R.T.: 4.923 min
Delta R.T.: -0.011 min
Response: 45068
Conc: 1.38 ng/ml



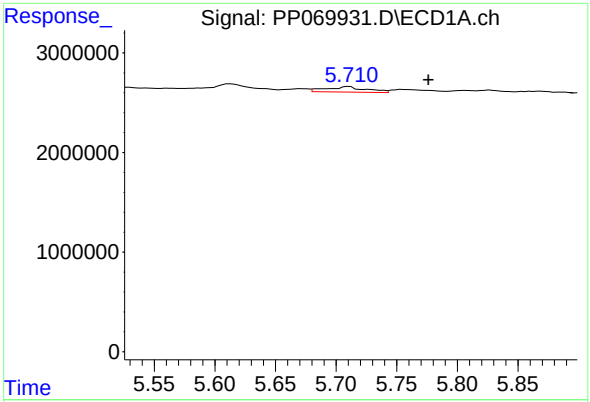
#4 AR-1016-2

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1265083
Conc: 18.64 ng/ml



#4 AR-1016-2

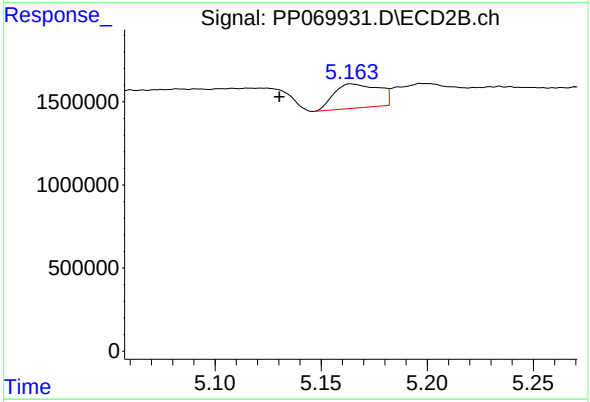
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 79636
Conc: 1.77 ng/ml



#5 AR-1016-3

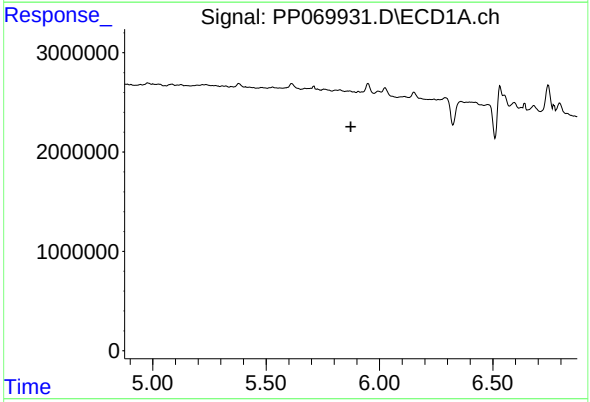
R.T.: 5.711 min
Delta R.T.: -0.065 min
Response: 1265083
Conc: 29.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



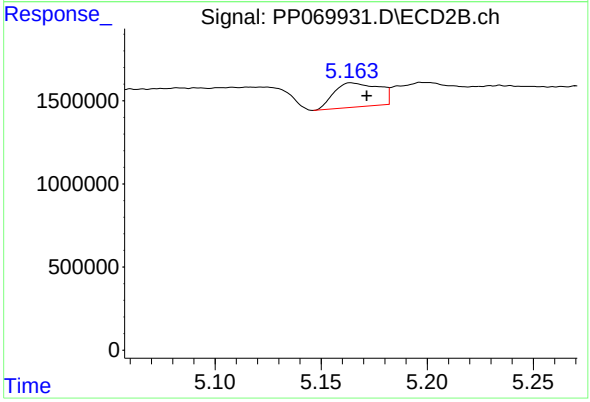
#5 AR-1016-3

R.T.: 5.164 min
Delta R.T.: 0.034 min
Response: 2135283
Conc: 85.81 ng/ml



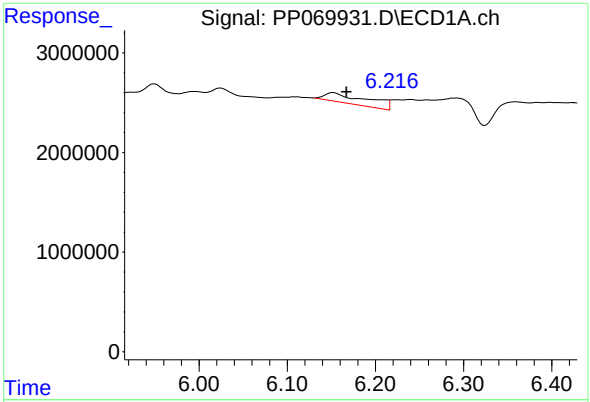
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

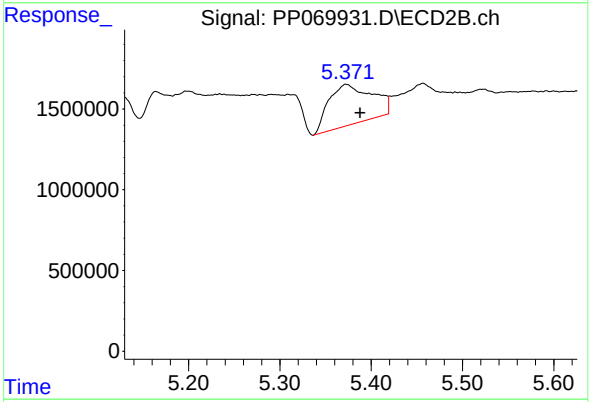
R.T.: 5.164 min
Delta R.T.: -0.007 min
Response: 2135283
Conc: 105.73 ng/ml



#7 AR-1016-5

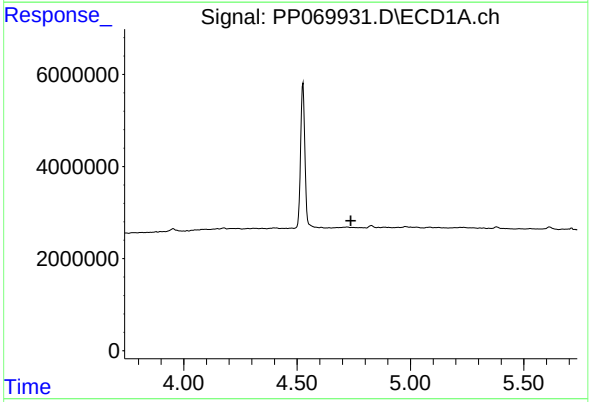
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 3377706
Conc: 102.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



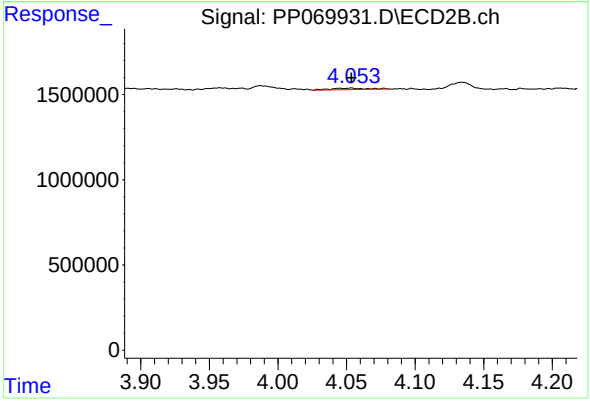
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 8239781
Conc: 307.18 ng/ml



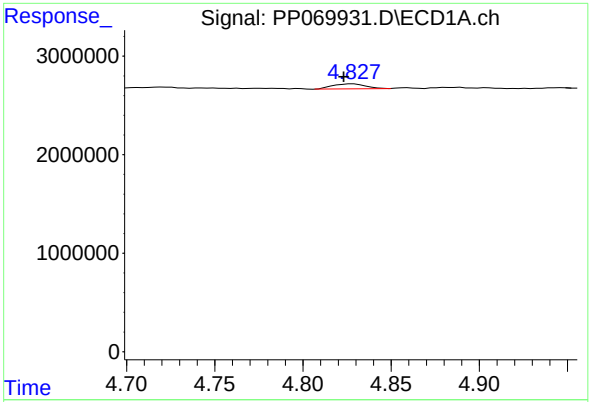
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

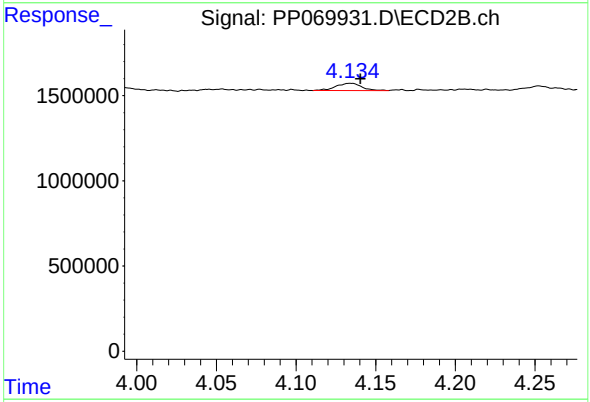
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 145905
Conc: 11.84 ng/ml



#9 AR-1221-2

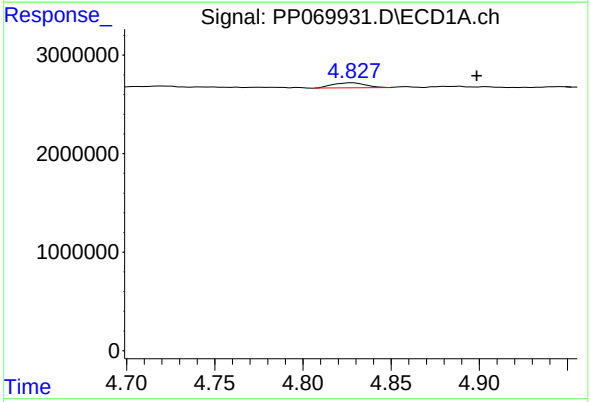
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 656125
Conc: 47.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



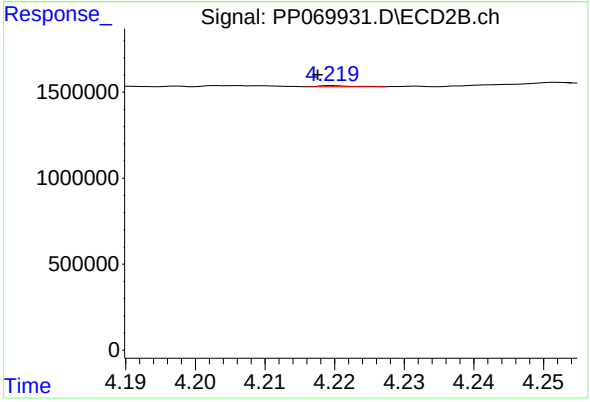
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 479554
Conc: 49.52 ng/ml



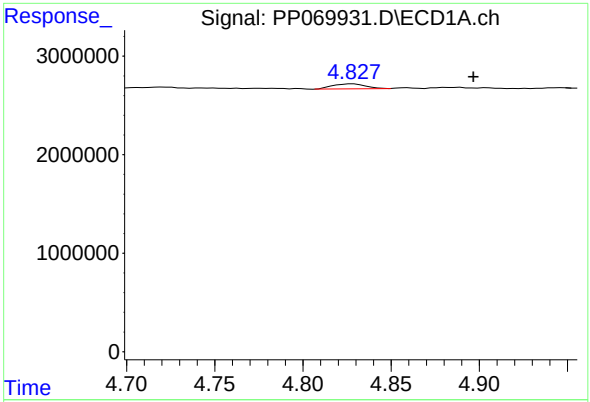
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.070 min
Response: 656125
Conc: 15.64 ng/ml



#10 AR-1221-3

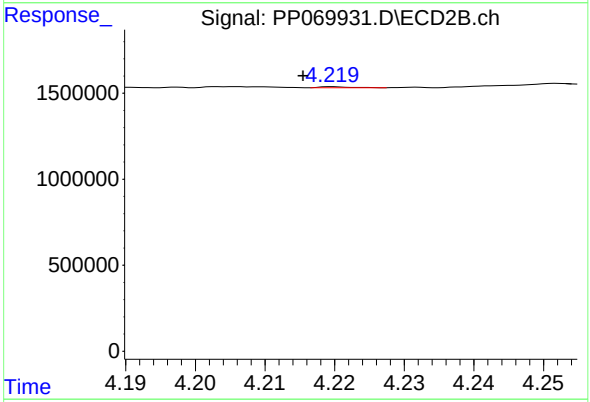
R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 18355
Conc: 0.63 ng/ml



#11 AR-1232-1

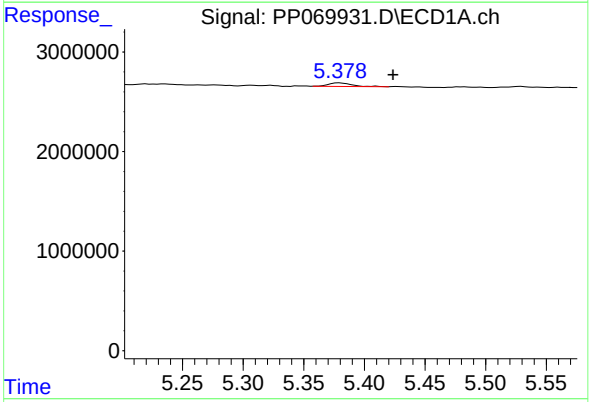
R.T.: 4.829 min
Delta R.T.: -0.068 min
Response: 656125
Conc: 19.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



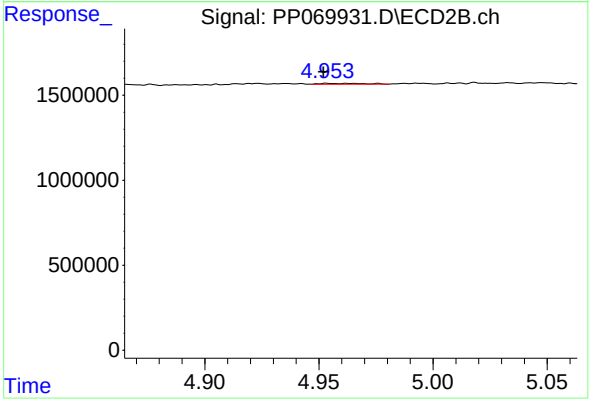
#11 AR-1232-1

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 18355
Conc: 0.78 ng/ml



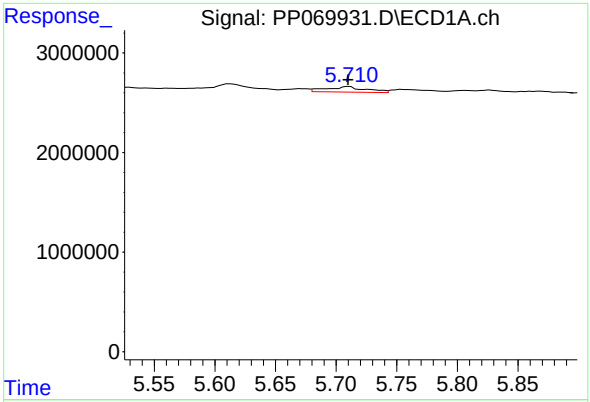
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: -0.044 min
Response: 475587
Conc: 29.10 ng/ml



#12 AR-1232-2

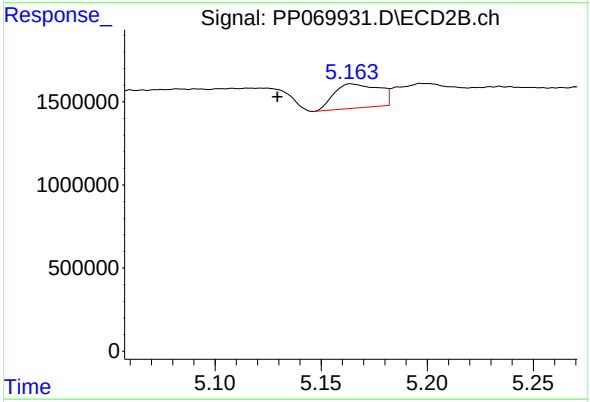
R.T.: 4.954 min
Delta R.T.: 0.002 min
Response: 79636
Conc: 3.38 ng/ml



#13 AR-1232-3

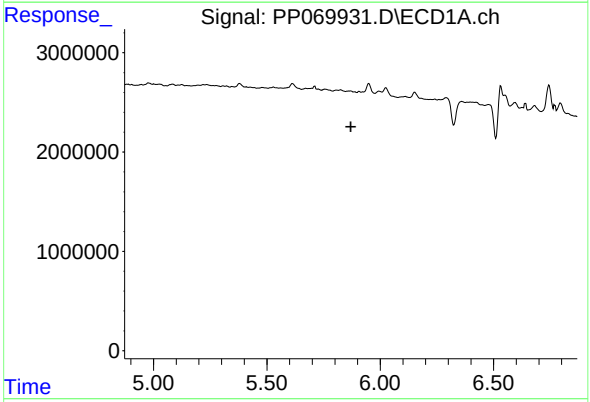
R.T.: 5.711 min
Delta R.T.: 0.001 min
Response: 1265083
Conc: 36.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



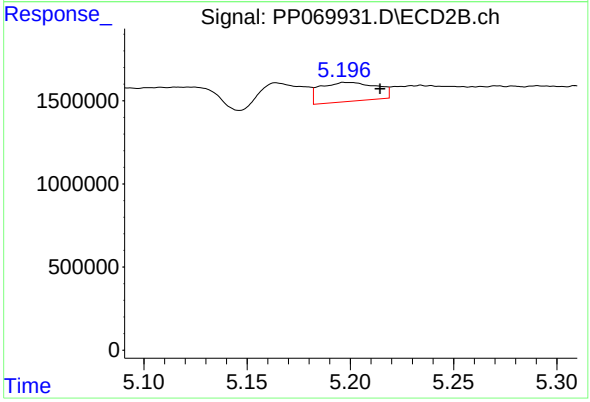
#13 AR-1232-3

R.T.: 5.164 min
Delta R.T.: 0.035 min
Response: 2135283
Conc: 164.92 ng/ml



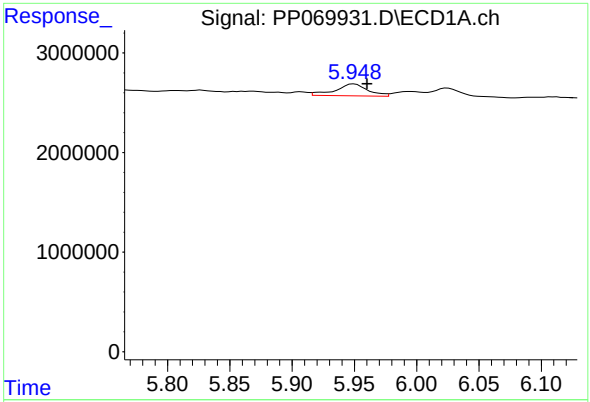
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

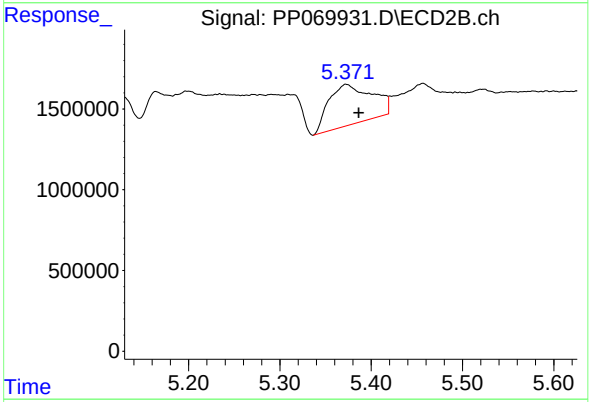
R.T.: 5.198 min
Delta R.T.: -0.017 min
Response: 2168976
Conc: 195.64 ng/ml



#15 AR-1232-5

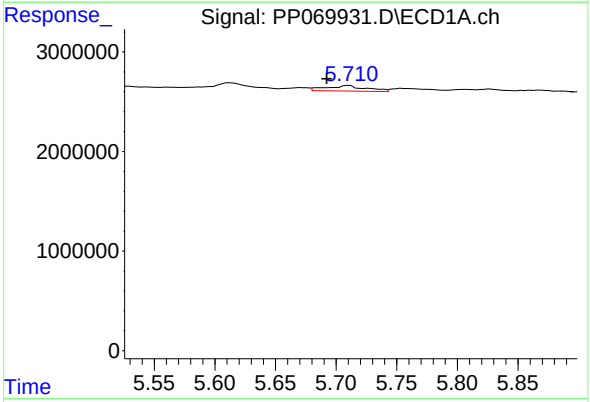
R.T.: 5.950 min
Delta R.T.: -0.011 min
Response: 2179346
Conc: 190.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



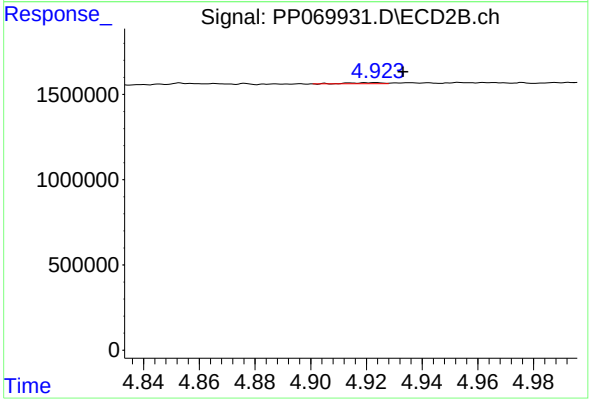
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 8239781
Conc: 674.82 ng/ml



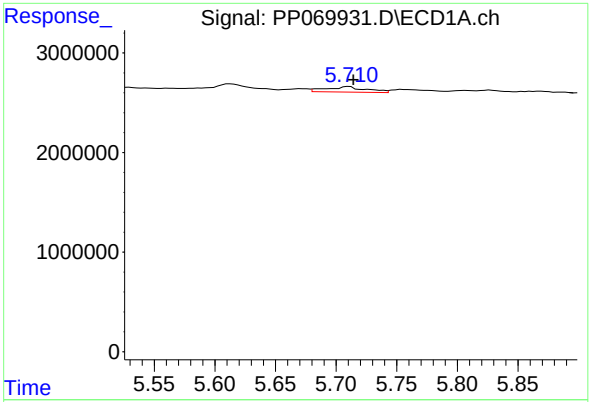
#16 AR-1242-1

R.T.: 5.711 min
Delta R.T.: 0.019 min
Response: 1265083
Conc: 30.33 ng/ml



#16 AR-1242-1

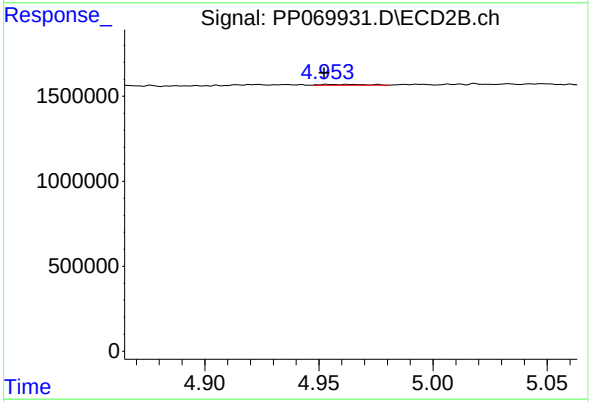
R.T.: 4.923 min
Delta R.T.: -0.010 min
Response: 45068
Conc: 1.56 ng/ml



#17 AR-1242-2

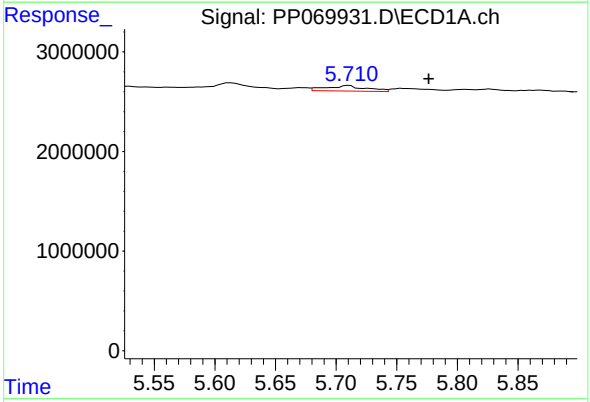
R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 1265083
Conc: 21.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



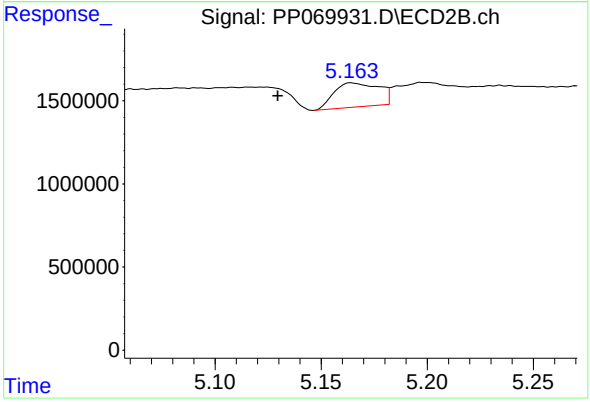
#17 AR-1242-2

R.T.: 4.954 min
Delta R.T.: 0.001 min
Response: 79636
Conc: 2.02 ng/ml



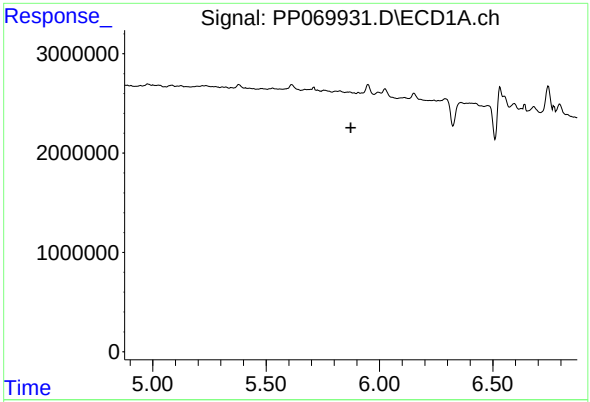
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: -0.065 min
Response: 1265083
Conc: 34.10 ng/ml



#18 AR-1242-3

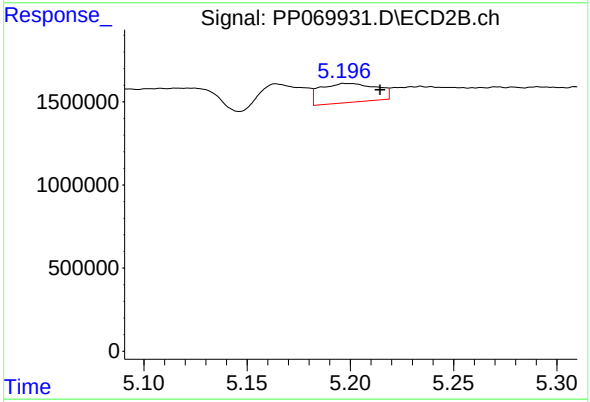
R.T.: 5.164 min
Delta R.T.: 0.035 min
Response: 2135283
Conc: 94.88 ng/ml



#19 AR-1242-4

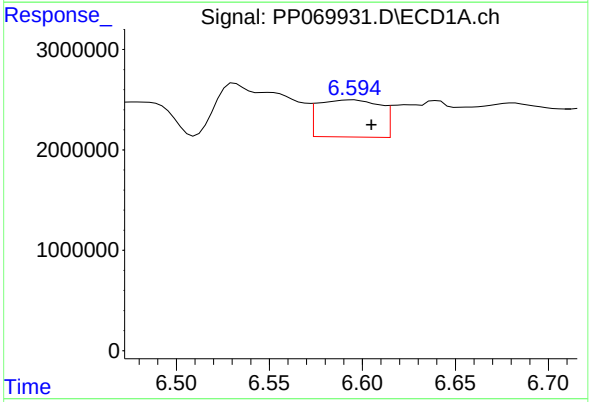
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



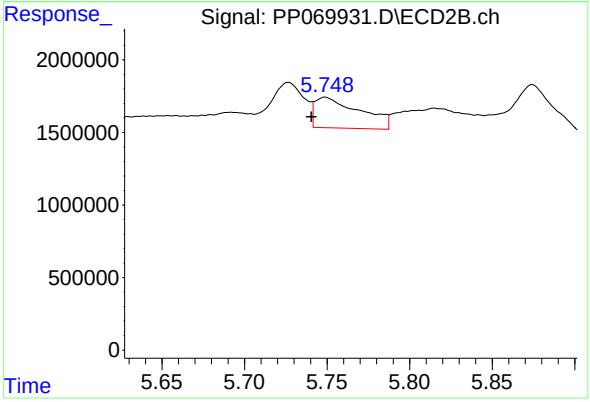
#19 AR-1242-4

R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 2168976
Conc: 100.50 ng/ml



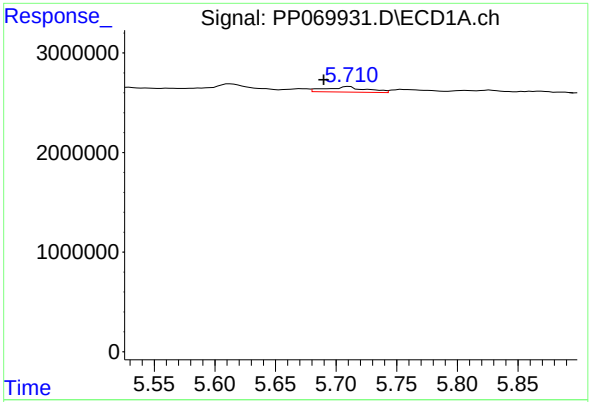
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: -0.010 min
Response: 8619159
Conc: 264.52 ng/ml



#20 AR-1242-5

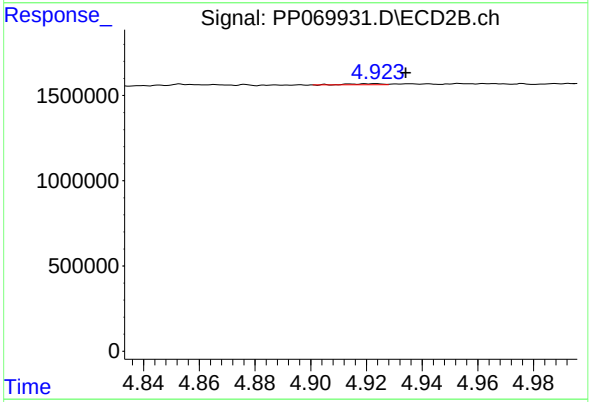
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 4032942
Conc: 140.19 ng/ml



#21 AR-1248-1

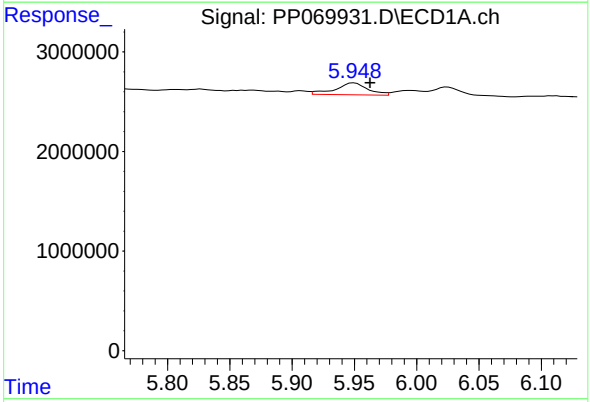
R.T.: 5.711 min
Delta R.T.: 0.021 min
Response: 1265083
Conc: 39.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



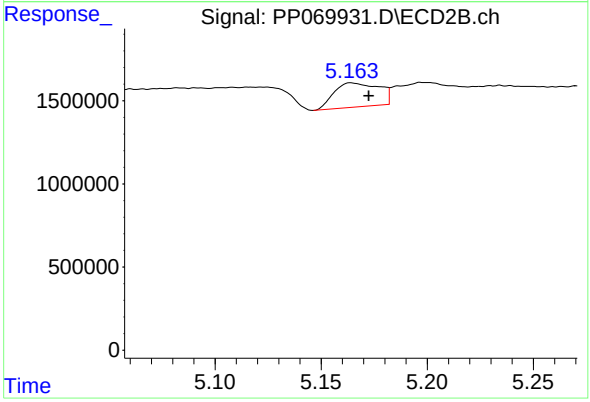
#21 AR-1248-1

R.T.: 4.923 min
Delta R.T.: -0.011 min
Response: 45068
Conc: 2.05 ng/ml



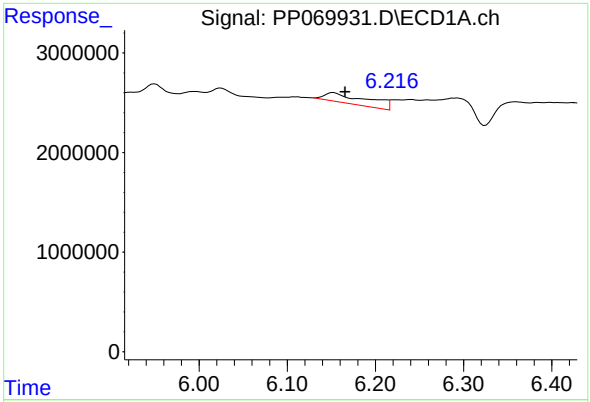
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 2179346
Conc: 51.34 ng/ml



#22 AR-1248-2

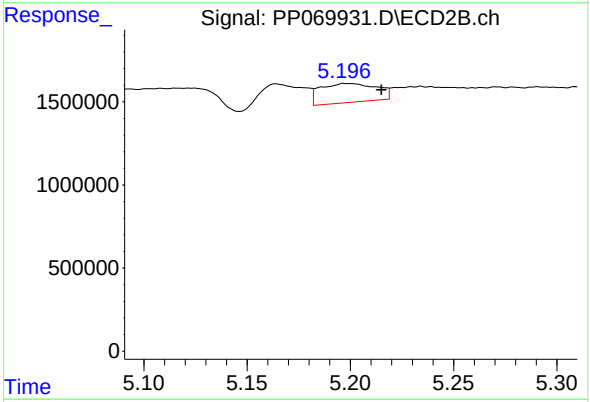
R.T.: 5.164 min
Delta R.T.: -0.008 min
Response: 2135283
Conc: 71.02 ng/ml



#23 AR-1248-3

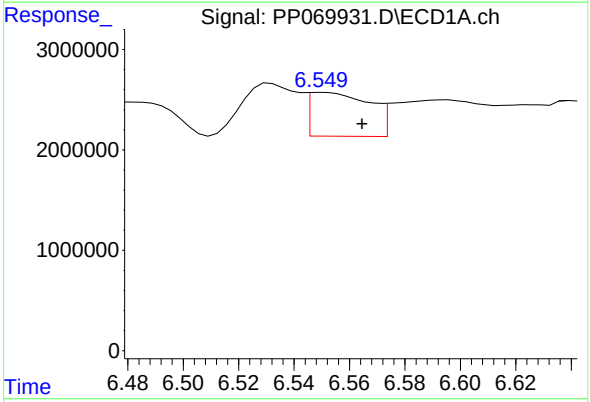
R.T.: 6.152 min
Delta R.T.: -0.013 min
Response: 3377706
Conc: 71.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



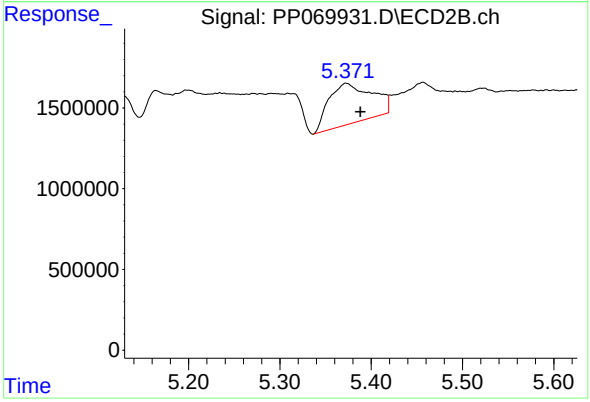
#23 AR-1248-3

R.T.: 5.198 min
Delta R.T.: -0.017 min
Response: 2168976
Conc: 70.00 ng/ml



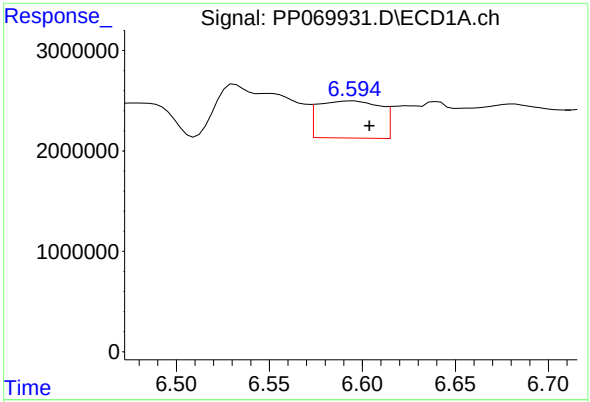
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: -0.014 min
Response: 6569948
Conc: 119.19 ng/ml



#24 AR-1248-4

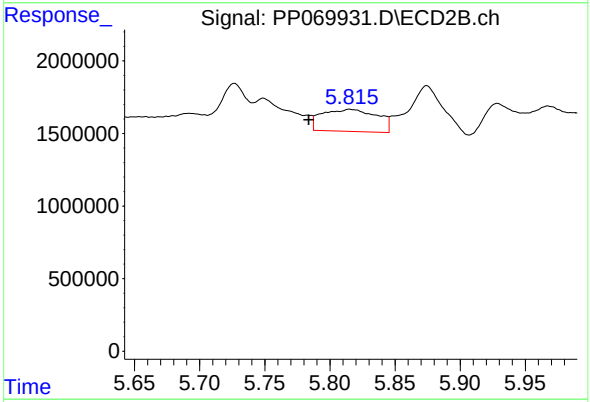
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 8239781
Conc: 223.04 ng/ml



#25 AR-1248-5

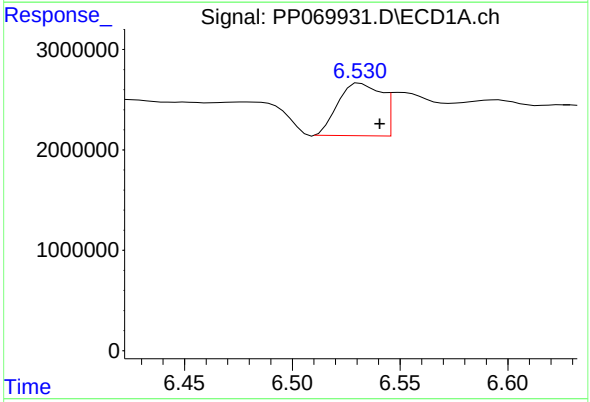
R.T.: 6.595 min
Delta R.T.: -0.009 min
Response: 8619159
Conc: 161.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



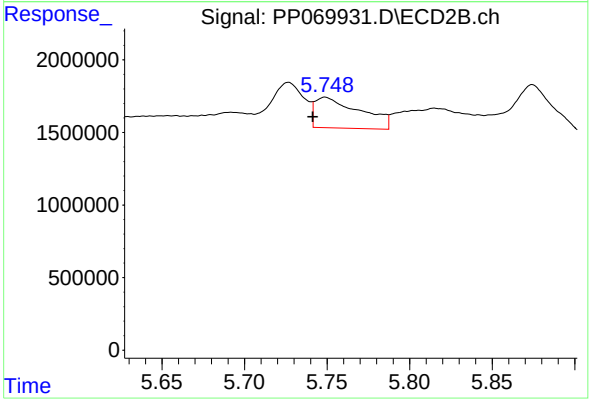
#25 AR-1248-5

R.T.: 5.815 min
Delta R.T.: 0.031 min
Response: 4478191
Conc: 119.77 ng/ml



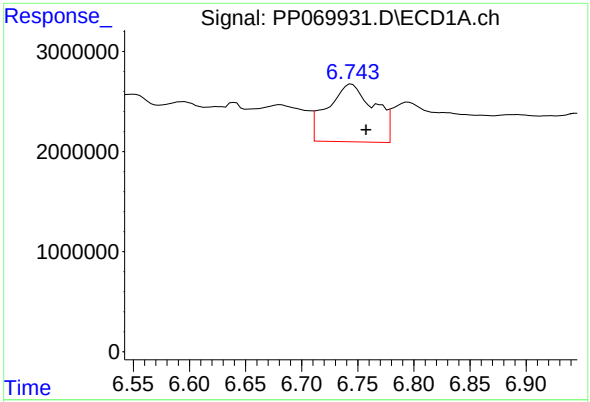
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: -0.009 min
Response: 7303773
Conc: 126.22 ng/ml



#26 AR-1254-1

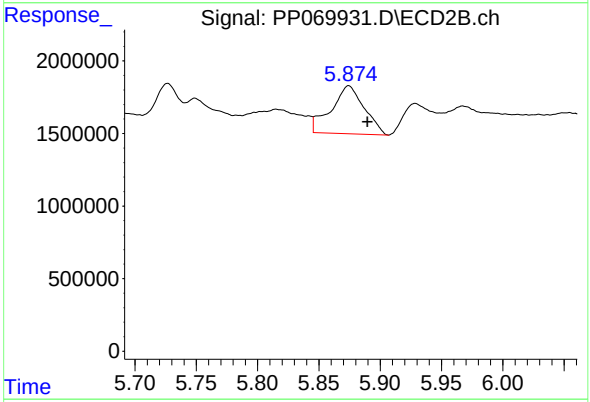
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 4032942
Conc: 73.25 ng/ml



#27 AR-1254-2

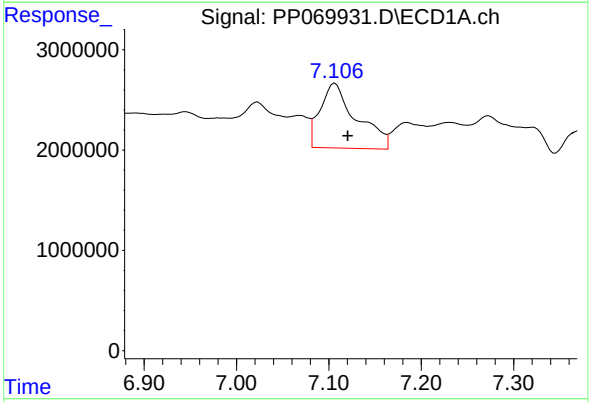
R.T.: 6.745 min
Delta R.T.: -0.013 min
Response: 16739417
Conc: 208.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



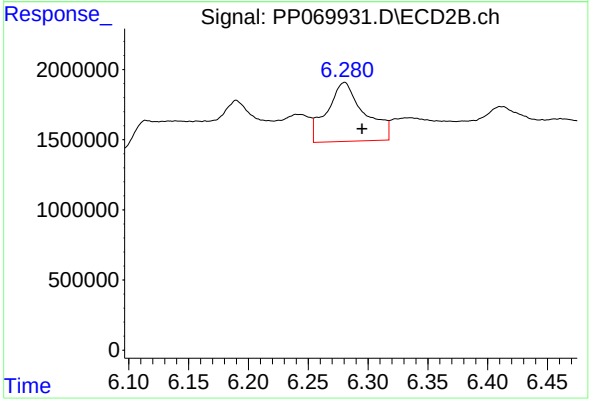
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 6221847
Conc: 128.63 ng/ml



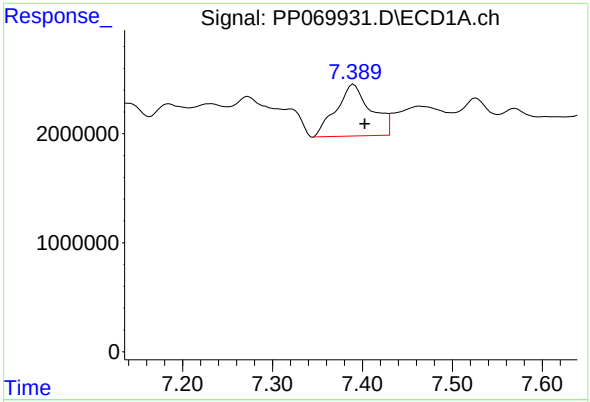
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.014 min
Response: 17737174
Conc: 210.43 ng/ml



#28 AR-1254-3

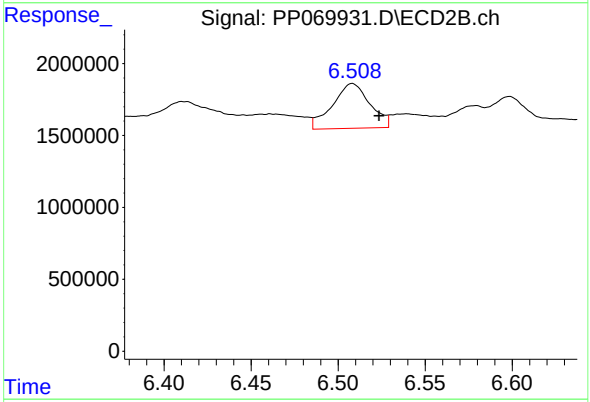
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 9136051
Conc: 120.38 ng/ml



#29 AR-1254-4

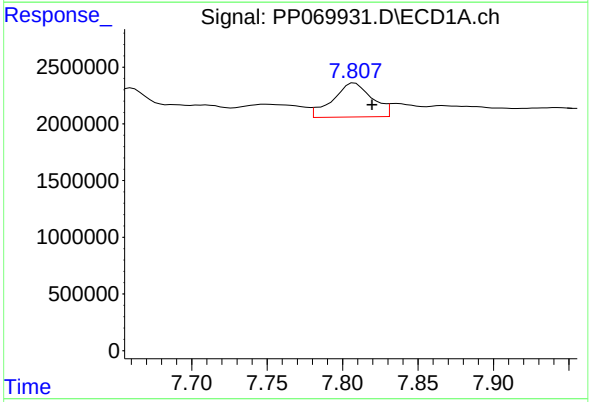
R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 12678856
Conc: 185.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



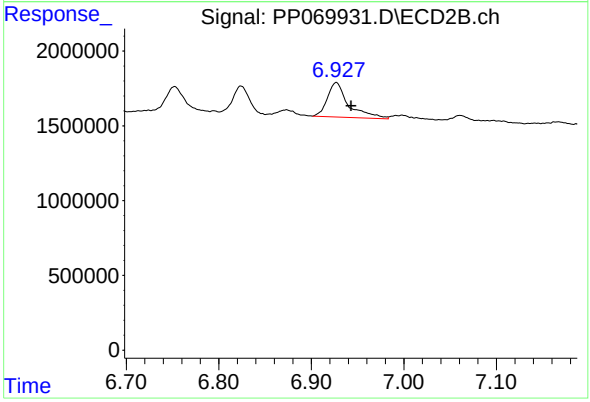
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 4664408
Conc: 91.01 ng/ml



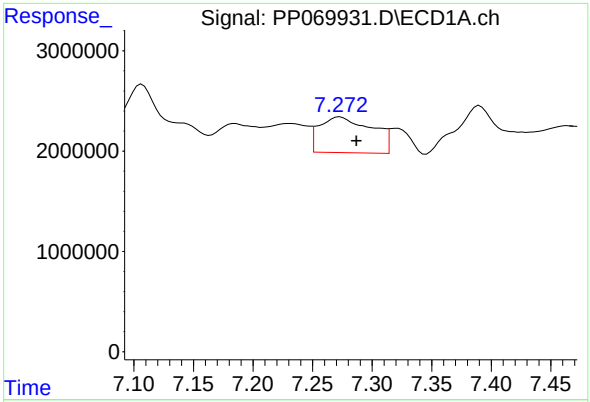
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 5406820
Conc: 79.46 ng/ml



#30 AR-1254-5

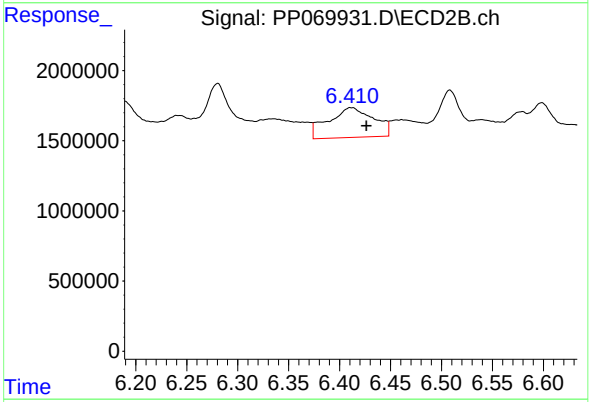
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 3646813
Conc: 54.79 ng/ml



#31 AR-1260-1

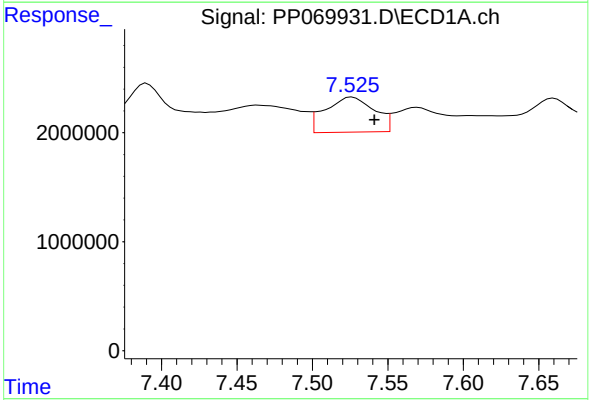
R.T.: 7.273 min
Delta R.T.: -0.014 min
Response: 10957976
Conc: 187.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



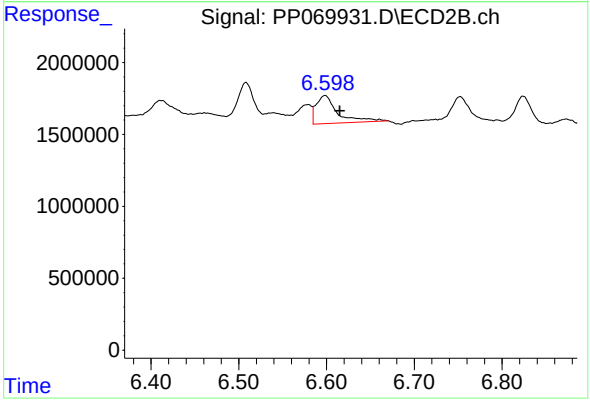
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 6556958
Conc: 135.95 ng/ml



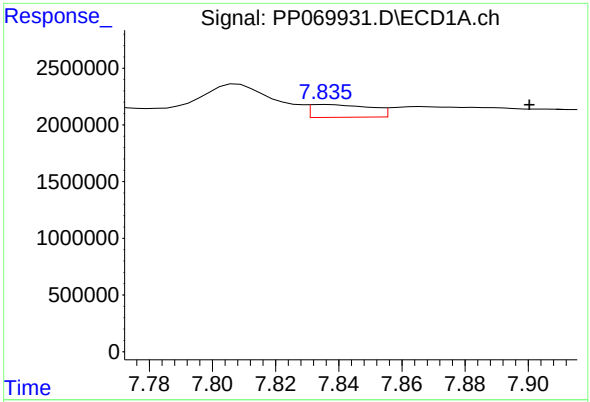
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 7264828
Conc: 93.36 ng/ml



#32 AR-1260-2

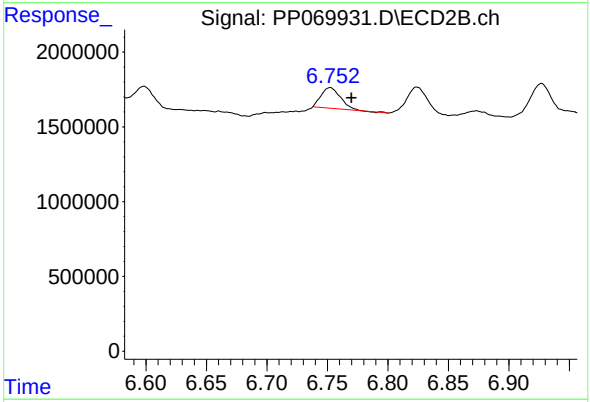
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 3328352
Conc: 54.29 ng/ml



#33 AR-1260-3

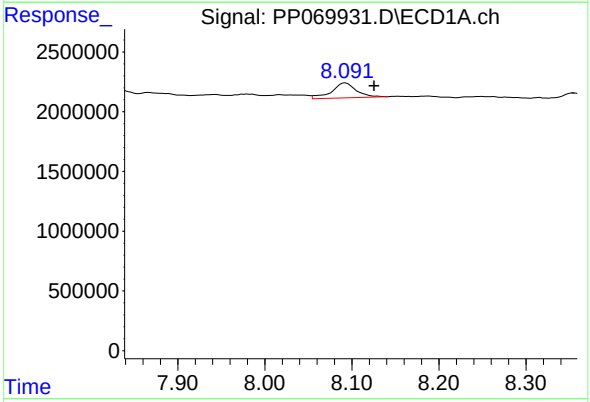
R.T.: 7.836 min
Delta R.T.: -0.064 min
Response: 1486452
Conc: 23.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



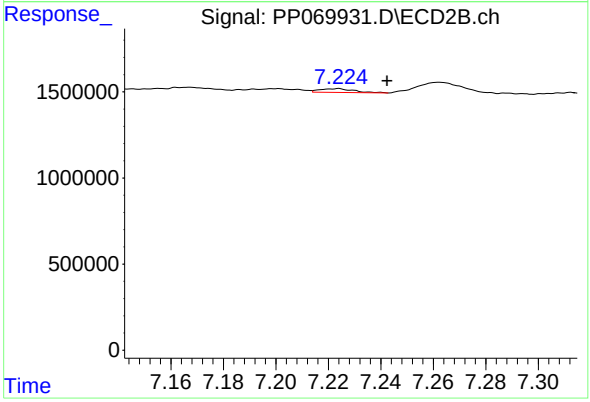
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 1545376
Conc: 25.69 ng/ml



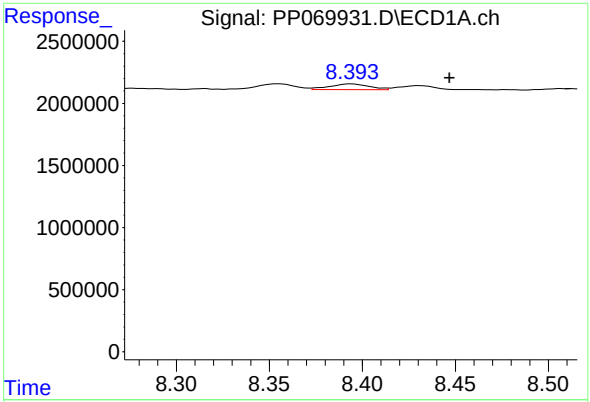
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.033 min
Response: 2444751
Conc: 37.05 ng/ml



#34 AR-1260-4

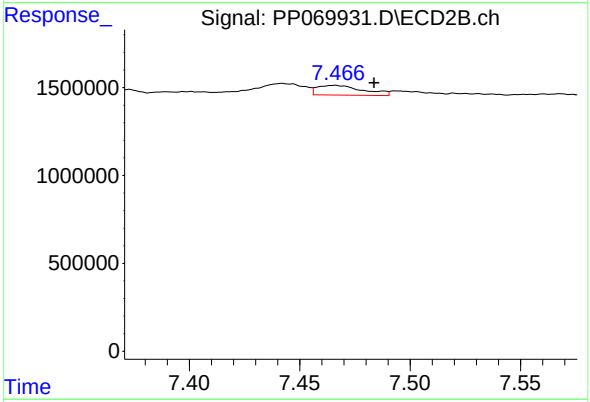
R.T.: 7.224 min
Delta R.T.: -0.019 min
Response: 194413
Conc: 4.18 ng/ml



#35 AR-1260-5

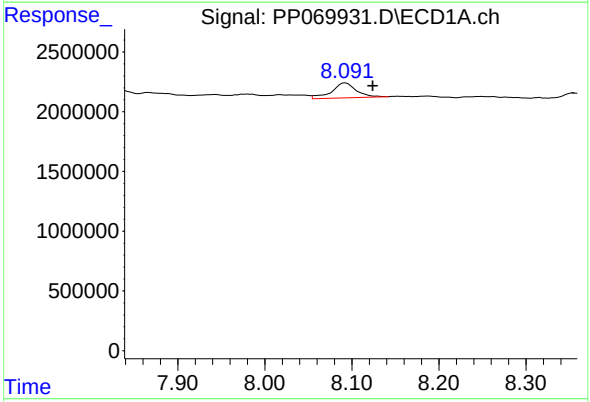
R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 699085
Conc: 5.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



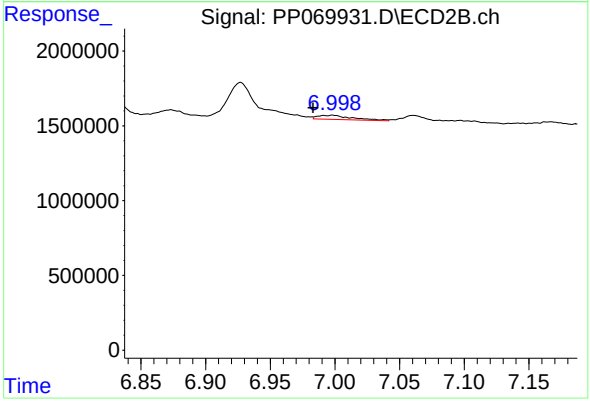
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 789917
Conc: 7.11 ng/ml



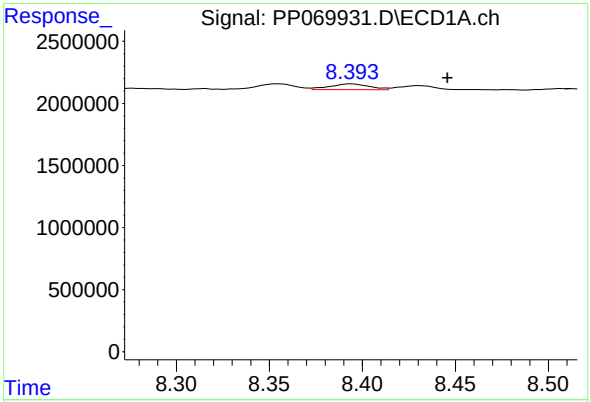
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: -0.031 min
Response: 2444751
Conc: 30.94 ng/ml



#36 AR-1262-1

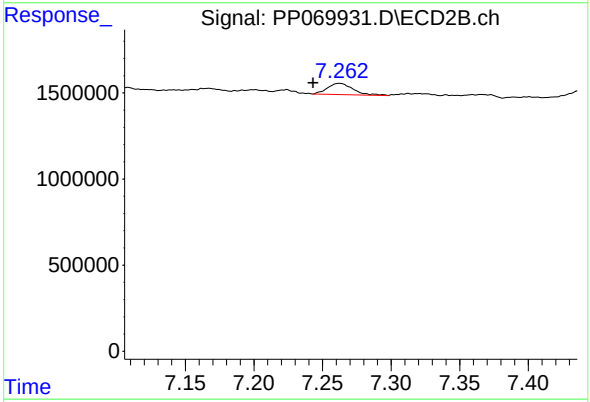
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 511546
Conc: 7.20 ng/ml



#37 AR-1262-2

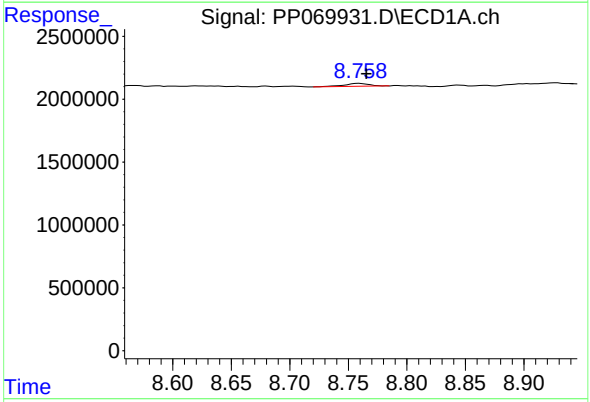
R.T.: 8.394 min
Delta R.T.: -0.051 min
Response: 699085
Conc: 4.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



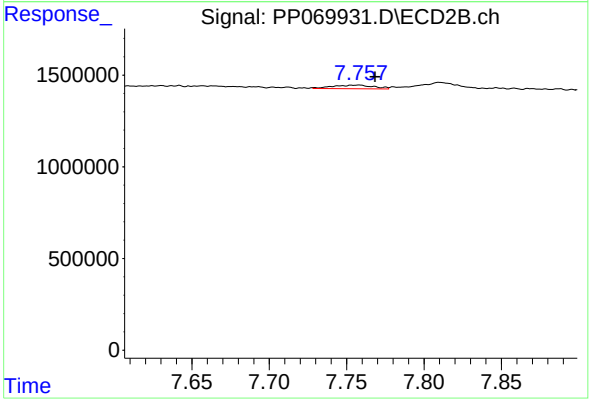
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: 0.019 min
Response: 858115
Conc: 14.07 ng/ml



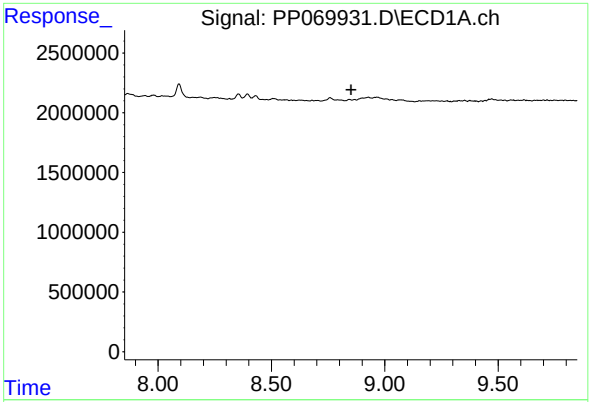
#38 AR-1262-3

R.T.: 8.759 min
Delta R.T.: -0.006 min
Response: 332885
Conc: 3.13 ng/ml



#38 AR-1262-3

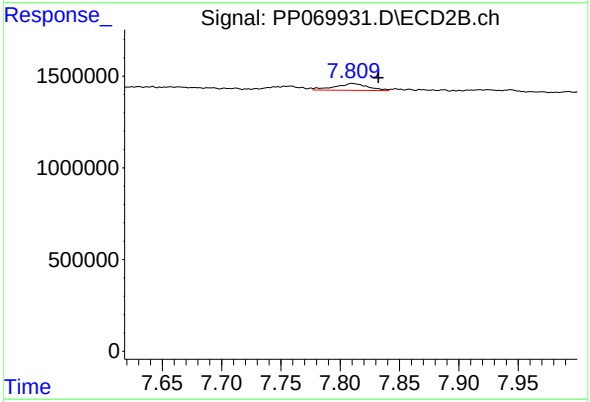
R.T.: 7.758 min
Delta R.T.: -0.010 min
Response: 359155
Conc: 6.87 ng/ml



#39 AR-1262-4

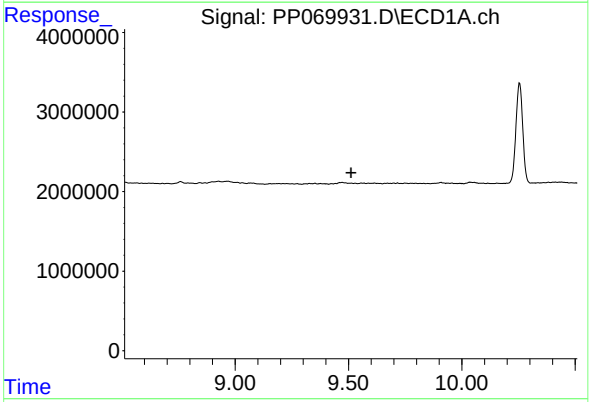
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



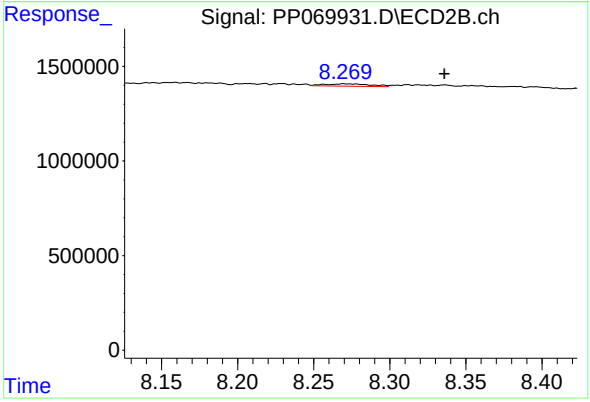
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 724859
Conc: 7.84 ng/ml



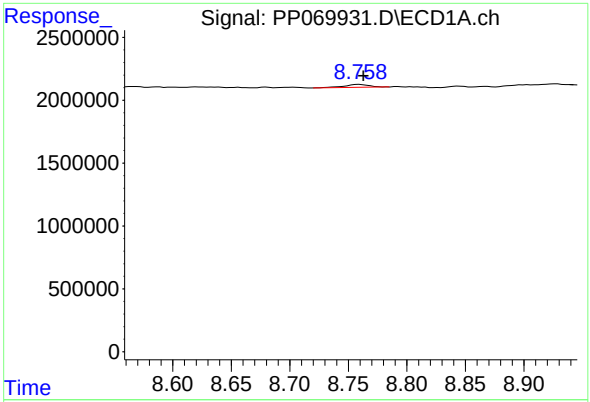
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

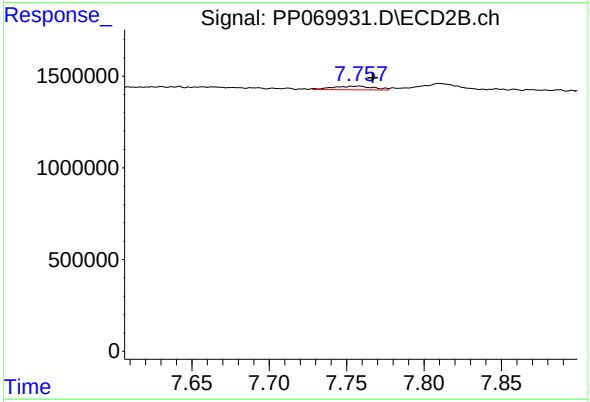
R.T.: 8.270 min
Delta R.T.: -0.066 min
Response: 264875
Conc: 5.54 ng/ml



#41 AR-1268-1

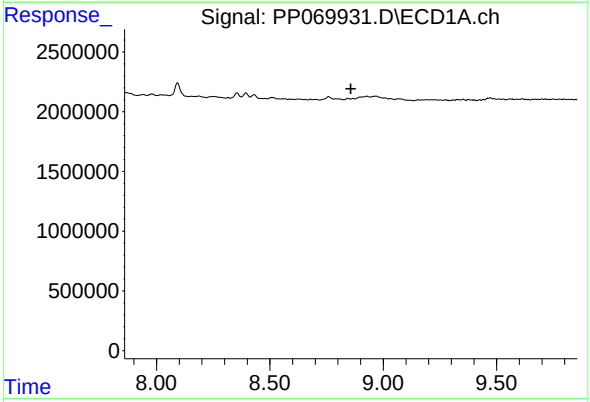
R.T.: 8.759 min
Delta R.T.: -0.003 min
Response: 332885
Conc: 1.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



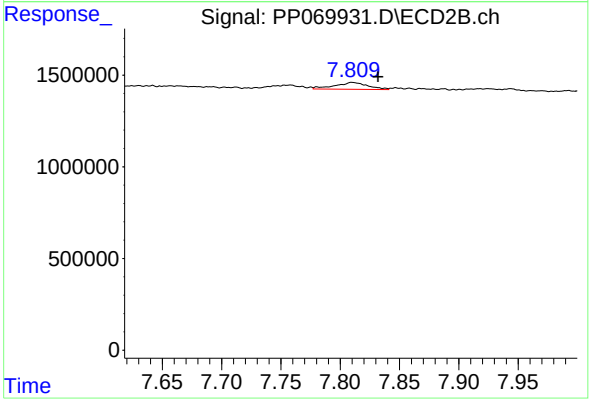
#41 AR-1268-1

R.T.: 7.758 min
Delta R.T.: -0.009 min
Response: 359155
Conc: 2.47 ng/ml



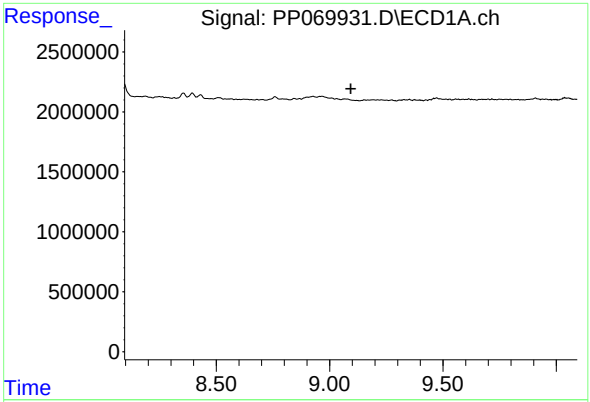
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

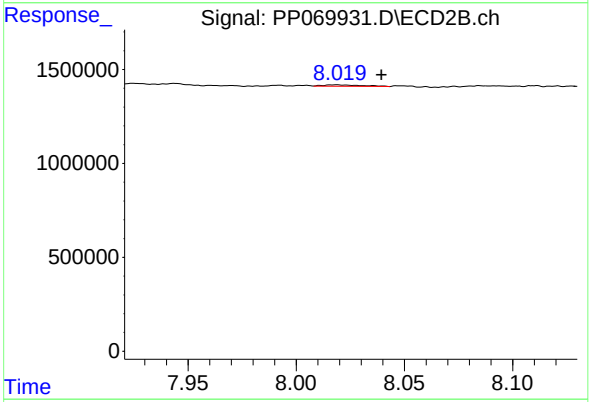
R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 724859
Conc: 5.46 ng/ml



#43 AR-1268-3

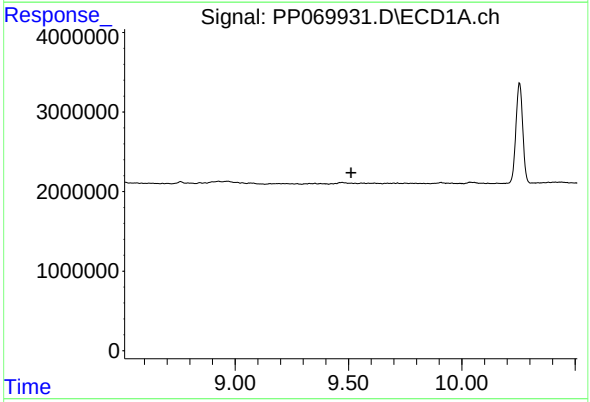
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



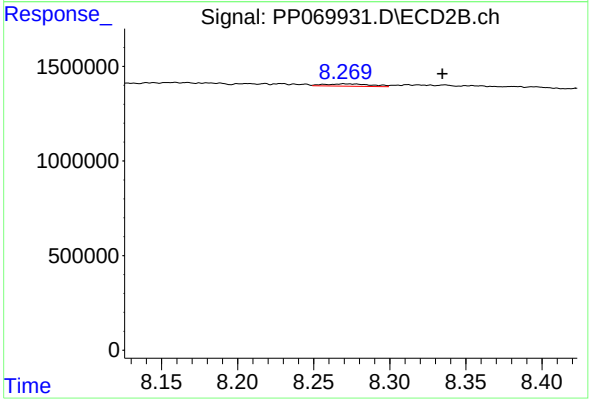
#43 AR-1268-3

R.T.: 8.018 min
Delta R.T.: -0.021 min
Response: 95943
Conc: 0.84 ng/ml



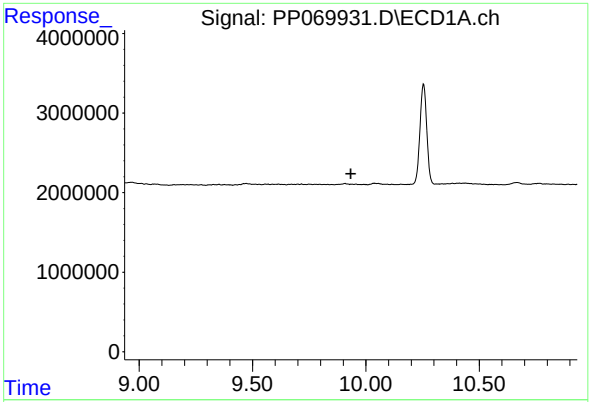
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

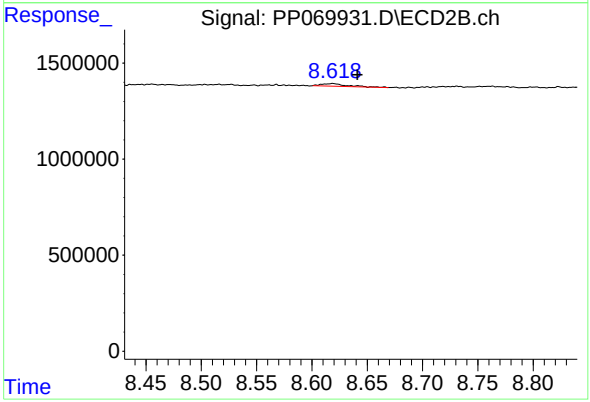
R.T.: 8.270 min
Delta R.T.: -0.065 min
Response: 264875
Conc: 5.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-06-021725RE



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 215404
Conc: 0.60 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
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: Feb 21 23:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.830	76838004	44256284	53.677	49.585	
2)	SA Decachlor...	10.252	8.887	58339347	55062269	53.380	49.229	
	Target Compounds							
3)	L1 AR-1016-1	5.700	4.938	36383290	22152367	785.257	679.207	
4)	L1 AR-1016-2	5.700	4.938	36383290	22152367	536.016	492.730	
5)	L1 AR-1016-3	5.763	5.116	22096220	12537457	518.732	503.836	
6)	L1 AR-1016-4	5.860	5.158	18575160	9326173	530.712	461.777	
7)	L1 AR-1016-5	6.153	5.373	16164285	15655765	488.959	583.650	
8)	L2 AR-1221-1	4.722	4.040	2310578	1784008	121.485	144.829	
9)	L2 AR-1221-2	4.813	4.129	4019129	2700696	293.528	278.900	
10)	L2 AR-1221-3	4.887	4.204	14015138	9430512	334.144	323.249	
11)	L3 AR-1232-1	4.887	4.204	14015138	9430512	420.956	401.649	
12)	L3 AR-1232-2	5.413	4.938	17339818	22152367	1061.058	939.784	
13)	L3 AR-1232-3	5.700	5.116	36383290	12537457	1058.917	968.349	
14)	L3 AR-1232-4	5.860	5.200	18575160	11999735	1042.600	1082.392	
15)	L3 AR-1232-5	5.950	5.373	15797488	15655765	1378.199	1282.175	
16)	L4 AR-1242-1	5.700	4.938	36383290	22152367	872.391	768.325	
17)	L4 AR-1242-2	5.700	4.938	36383290	22152367	616.761	562.275	
18)	L4 AR-1242-3	5.763	5.116	22096220	12537457	595.608	557.119	
19)	L4 AR-1242-4	5.860	5.200	18575160	11999735	566.408	556.000	
20)	L4 AR-1242-5	6.591	5.726	8867931	13812524	272.153	480.129	#
21)	L5 AR-1248-1	5.700	4.938	36383290	22152367	1121.589	1006.443	
22)	L5 AR-1248-2	5.950	5.158	15797488	9326173	372.175	310.205	
23)	L5 AR-1248-3	6.153	5.200	16164285	11999735	344.015	387.284	
24)	L5 AR-1248-4	6.591	5.373	8867931	15655765	160.880	423.774	#
25)	L5 AR-1248-5	6.591	5.768	8867931	3841568	166.117	102.745	#
26)	L6 AR-1254-1	6.528	5.726	23290760	13812524	402.511	250.882	#
27)	L6 AR-1254-2	6.744	5.874	17079942	10619054	212.856	219.543	
28)	L6 AR-1254-3	7.107	6.296	10446441	25828580	123.937	340.315	#
29)	L6 AR-1254-4	7.390	6.538	8678937	6923692	127.280	135.097	
30)	L6 AR-1254-5	7.805	6.926	43760850	32425347	643.105	487.156	
31)	L7 AR-1260-1	7.272	6.410	32506173	26192249	556.267	543.075	
32)	L7 AR-1260-2	7.526	6.599	40795883	33361092	524.282	544.194	
33)	L7 AR-1260-3	7.884	6.753	33344400	18433816	533.346	306.431	#
34)	L7 AR-1260-4	8.109	7.225	33116156	24459480	501.937	526.376	
35)	L7 AR-1260-5	8.429	7.466	67316487	59692122	514.157	537.065	
36)	L8 AR-1262-1	8.109	6.965	33116156	29026730	419.095	408.751	
37)	L8 AR-1262-2	8.429	7.225	67316487	24459480	440.198	401.110	
38)	L8 AR-1262-3	8.753	7.750	43306887	15466451	407.480	295.730	#
39)	L8 AR-1262-4	8.831	7.813	28124456	42461465	343.849	459.358	#
40)	L8 AR-1262-5	9.490	8.316	20692982	17819582	365.535	372.855	
41)	L9 AR-1268-1	8.753	7.750	43306887	15466451	245.256	106.575	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
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: Feb 21 23:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.813	28124456	42461465	178.714	319.702 #
43) L9	AR-1268-3	9.070	8.022	1001104	797164	7.486	7.009
44) L9	AR-1268-4	9.490	8.316	20692982	17819582	352.396	342.171
45) L9	AR-1268-5	9.908	8.619	5513904	4664908	14.476	13.097

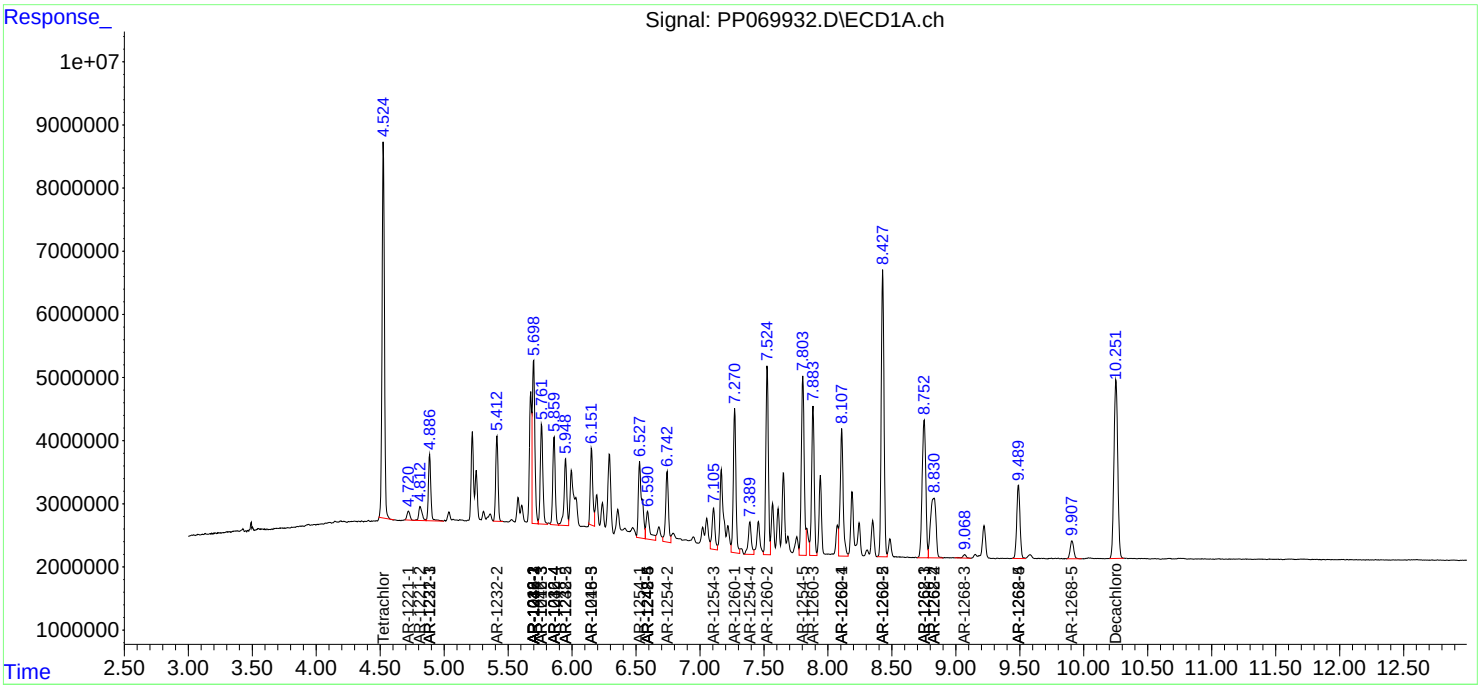
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

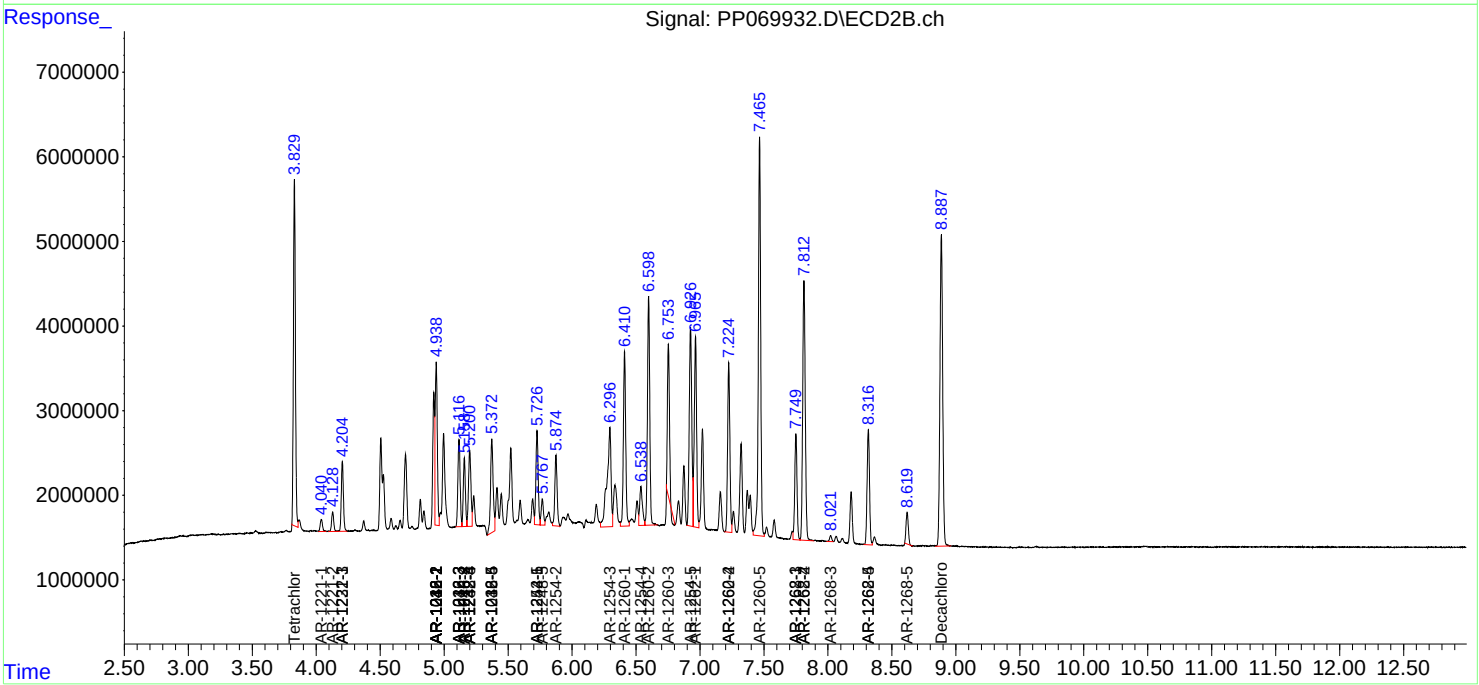
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

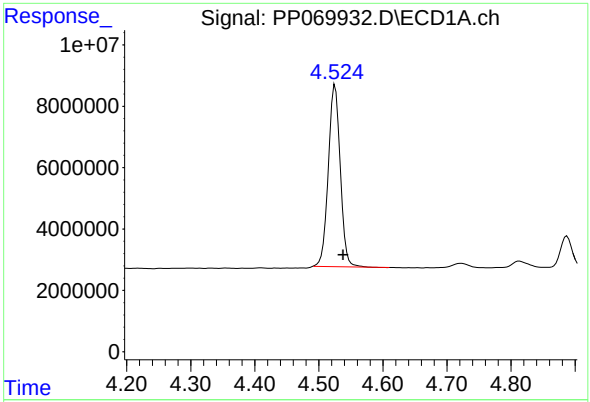
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



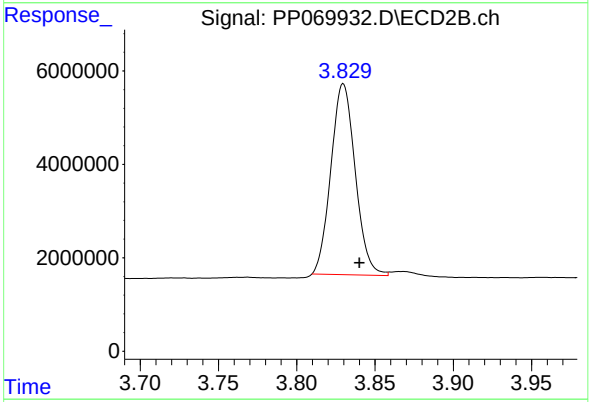




#1 Tetrachloro-m-xylene

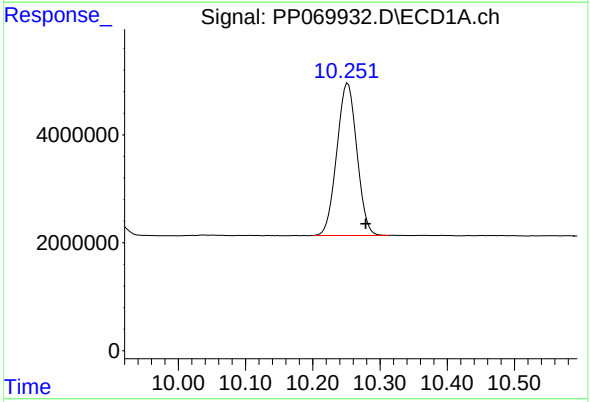
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 76838004
Conc: 53.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



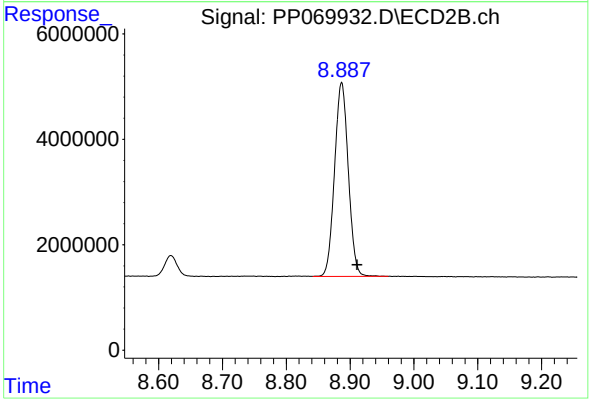
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44256284
Conc: 49.58 ng/ml



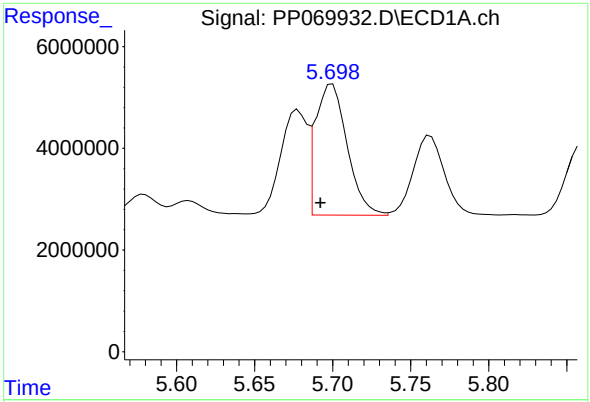
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 58339347
Conc: 53.38 ng/ml



#2 Decachlorobiphenyl

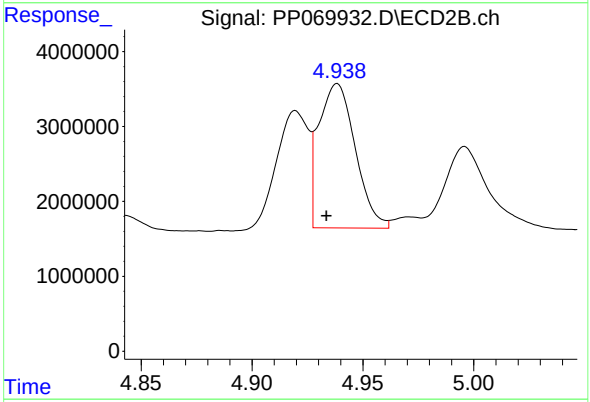
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 55062269
Conc: 49.23 ng/ml



#3 AR-1016-1

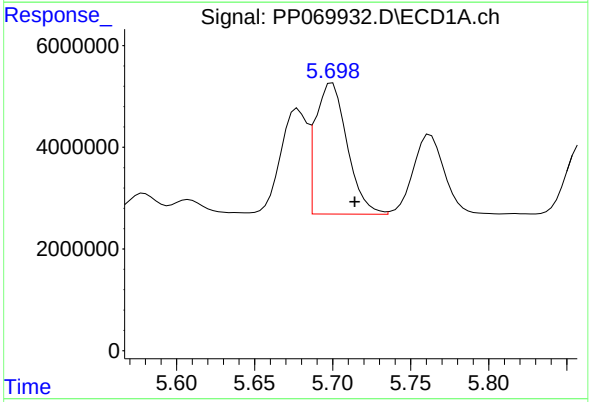
R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 36383290
Conc: 785.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



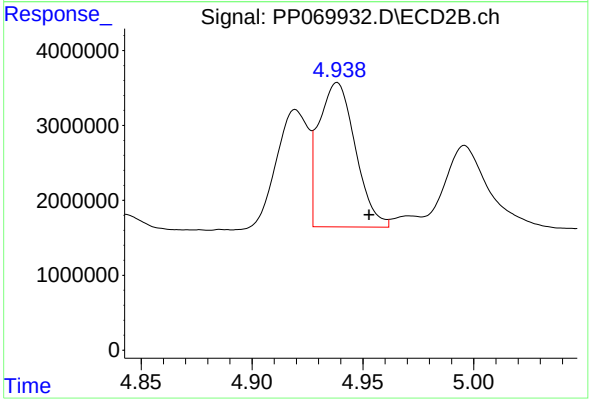
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 22152367
Conc: 679.21 ng/ml



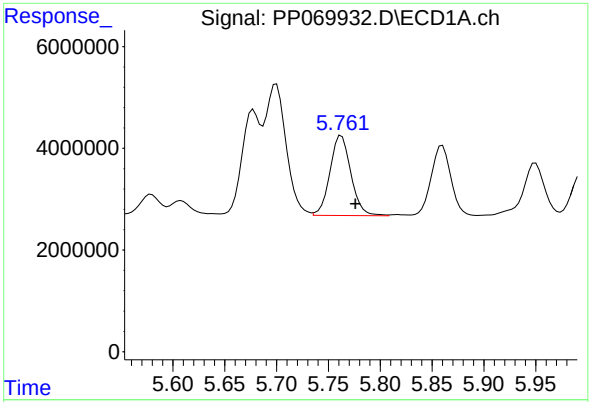
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36383290
Conc: 536.02 ng/ml



#4 AR-1016-2

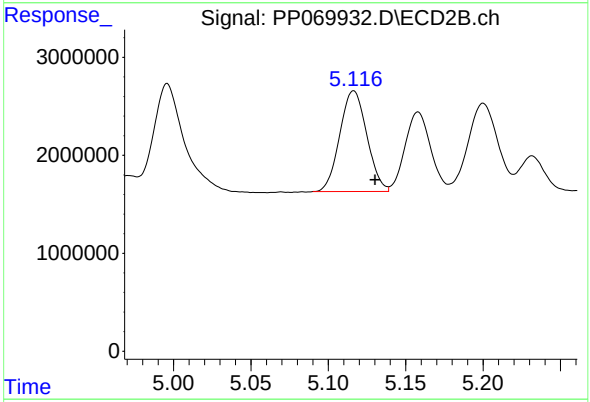
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 492.73 ng/ml



#5 AR-1016-3

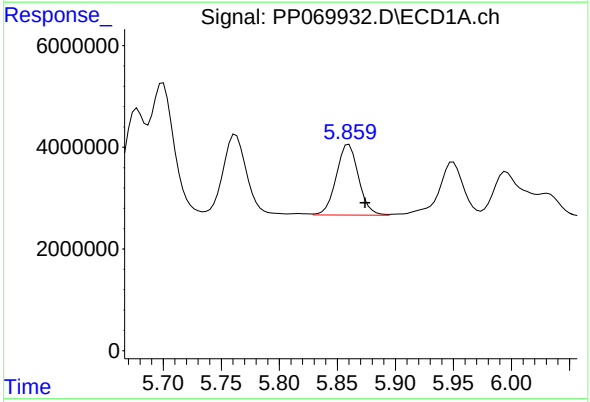
R.T.: 5.763 min
Delta R.T.: -0.014 min
Response: 22096220
Conc: 518.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



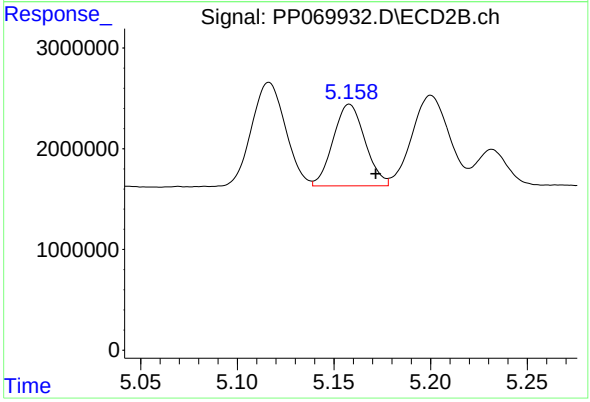
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 12537457
Conc: 503.84 ng/ml



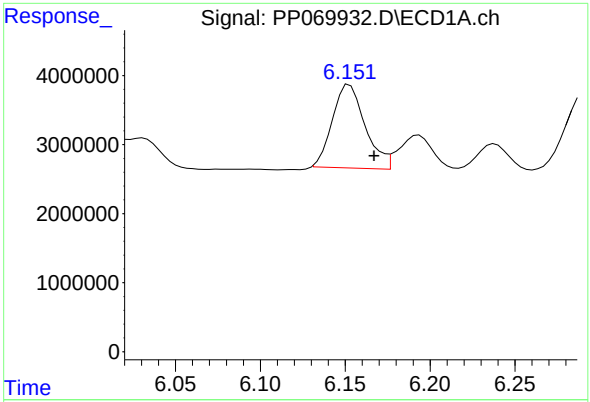
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 18575160
Conc: 530.71 ng/ml



#6 AR-1016-4

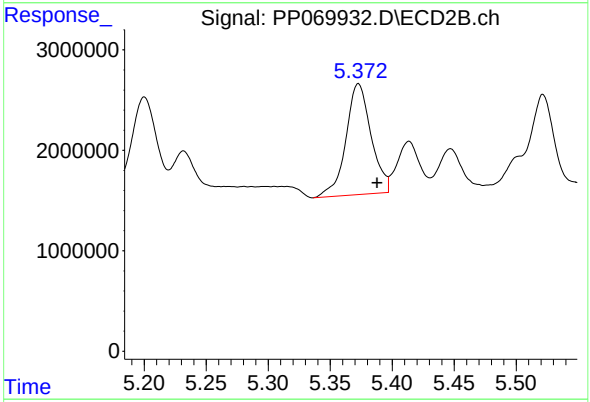
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9326173
Conc: 461.78 ng/ml



#7 AR-1016-5

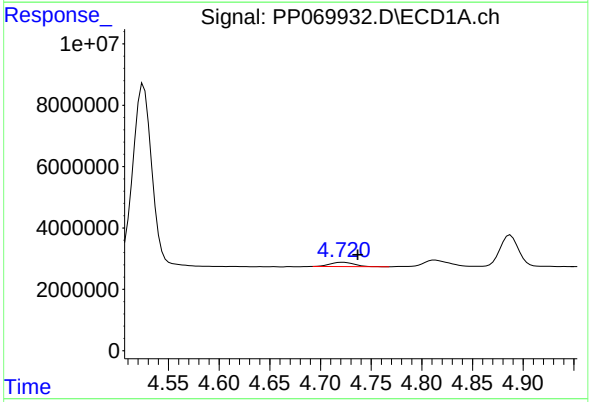
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 16164285
Conc: 488.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



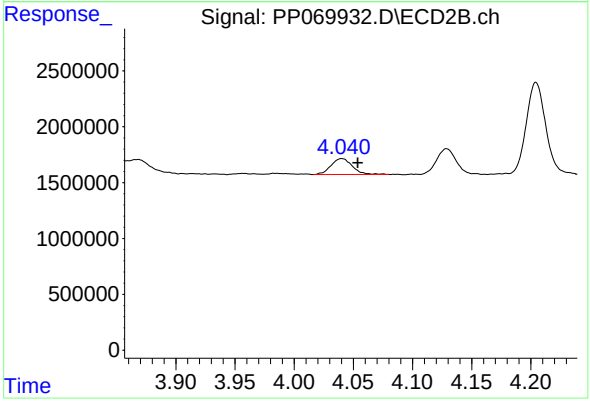
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 15655765
Conc: 583.65 ng/ml



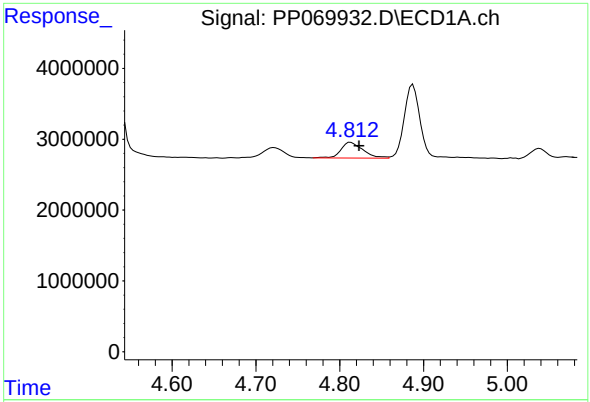
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 2310578
Conc: 121.48 ng/ml



#8 AR-1221-1

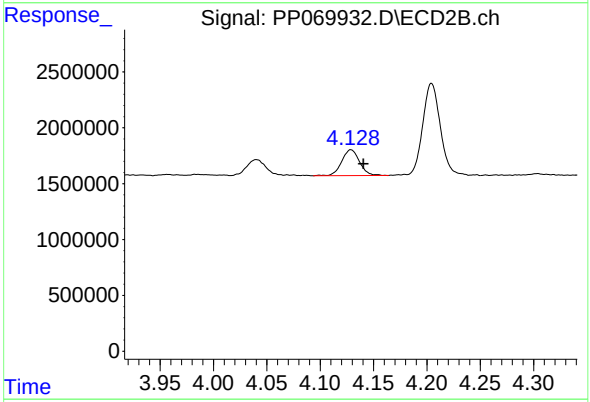
R.T.: 4.040 min
Delta R.T.: -0.013 min
Response: 1784008
Conc: 144.83 ng/ml



#9 AR-1221-2

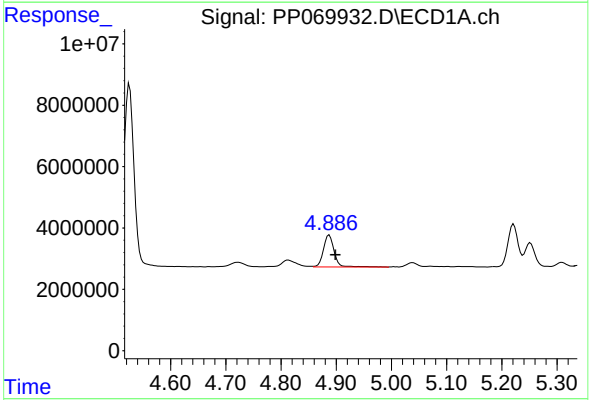
R.T.: 4.813 min
Delta R.T.: -0.010 min
Response: 4019129
Conc: 293.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



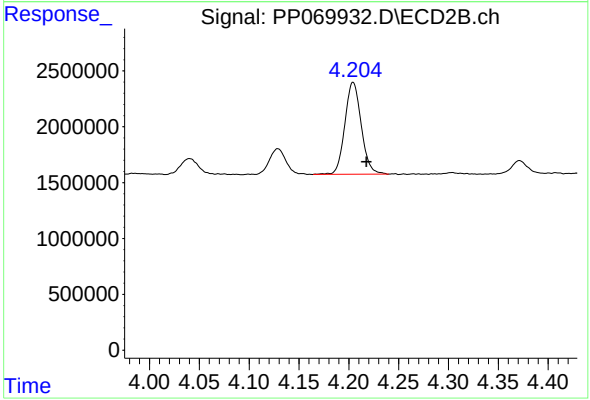
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2700696
Conc: 278.90 ng/ml



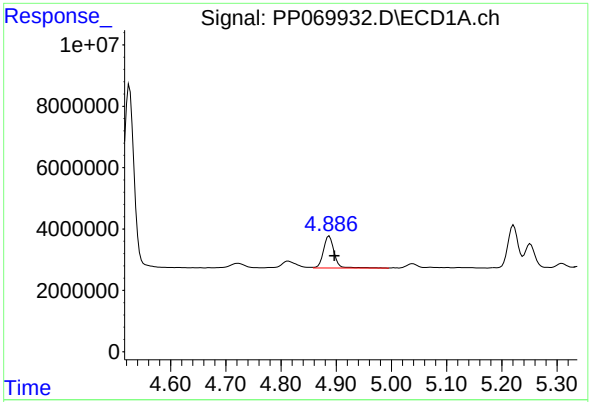
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.011 min
Response: 14015138
Conc: 334.14 ng/ml



#10 AR-1221-3

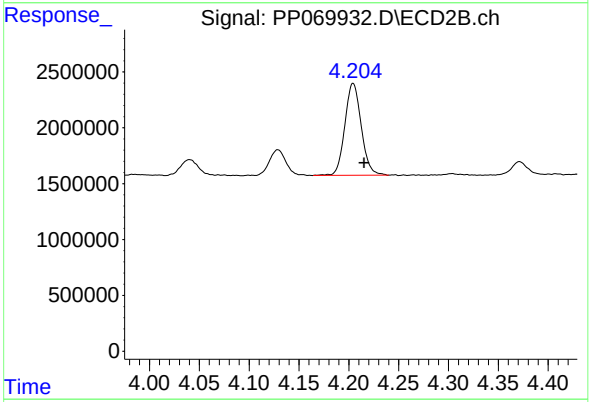
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 9430512
Conc: 323.25 ng/ml



#11 AR-1232-1

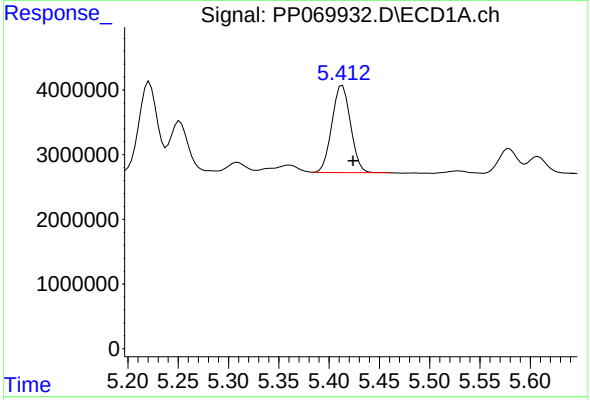
R.T.: 4.887 min
Delta R.T.: -0.009 min
Response: 14015138
Conc: 420.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



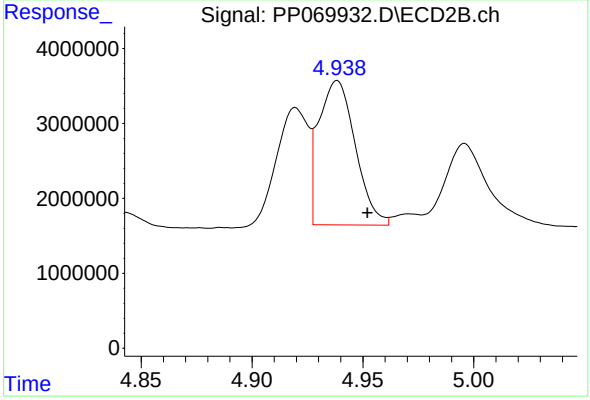
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 9430512
Conc: 401.65 ng/ml



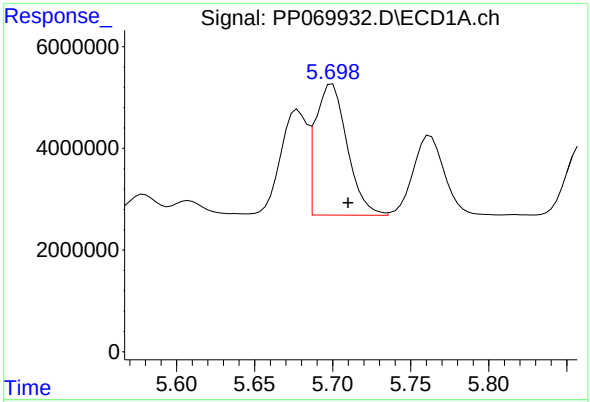
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.010 min
Response: 17339818
Conc: 1061.06 ng/ml



#12 AR-1232-2

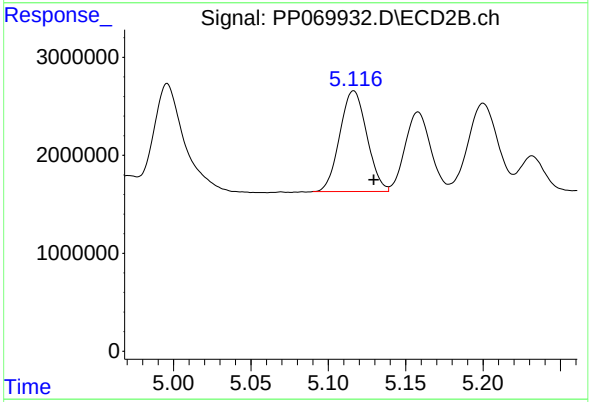
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 939.78 ng/ml



#13 AR-1232-3

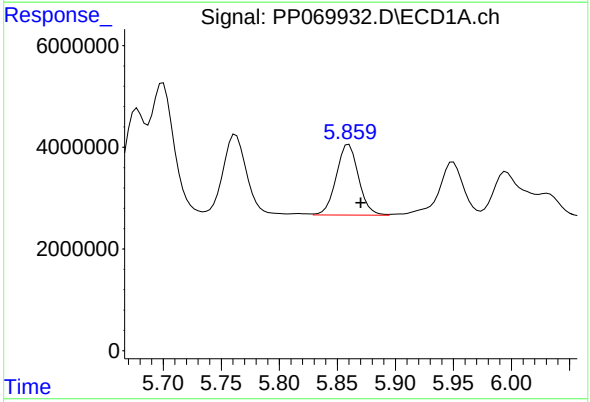
R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 36383290
Conc: 1058.92 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



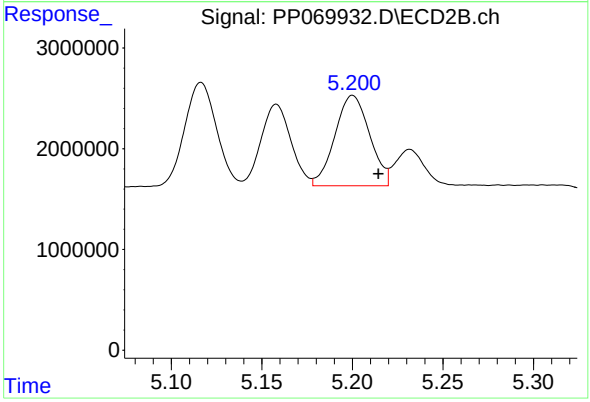
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 12537457
Conc: 968.35 ng/ml



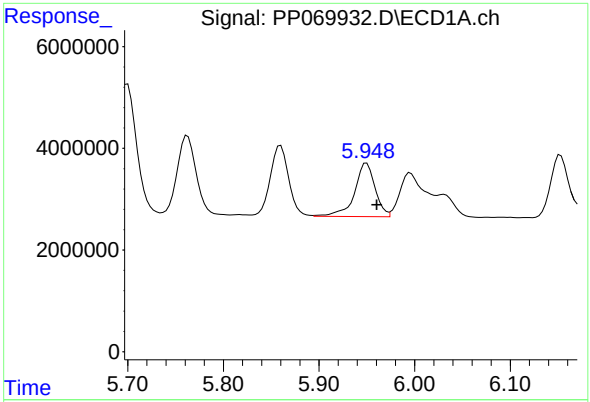
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.010 min
Response: 18575160
Conc: 1042.60 ng/ml



#14 AR-1232-4

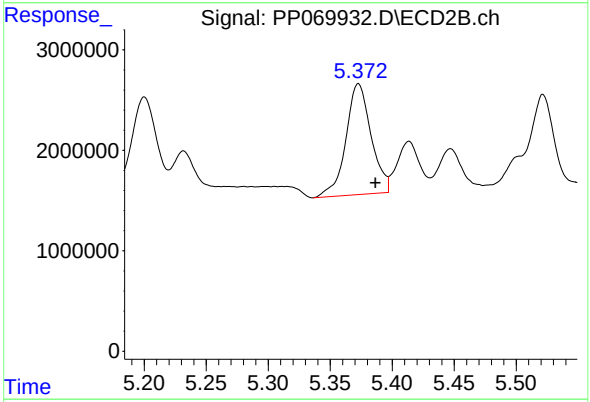
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11999735
Conc: 1082.39 ng/ml



#15 AR-1232-5

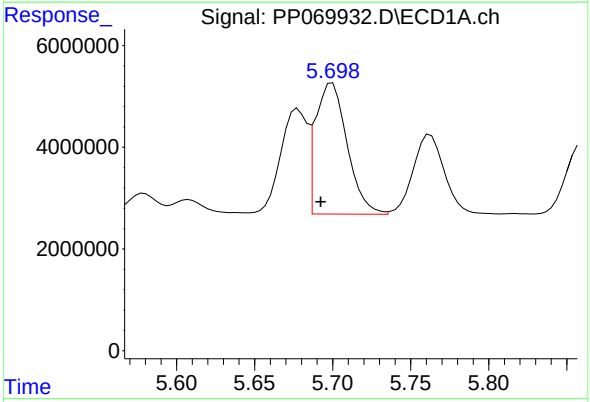
R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 15797488
Conc: 1378.20 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



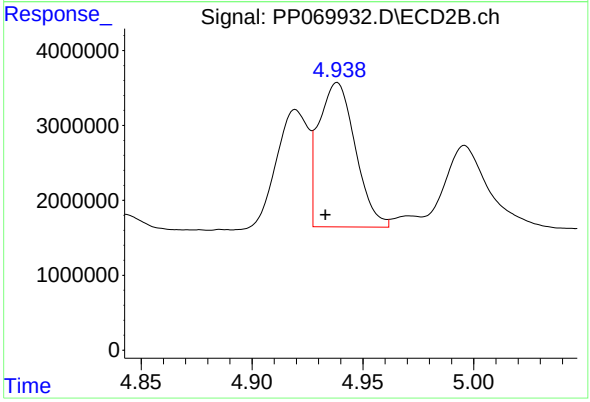
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 15655765
Conc: 1282.17 ng/ml



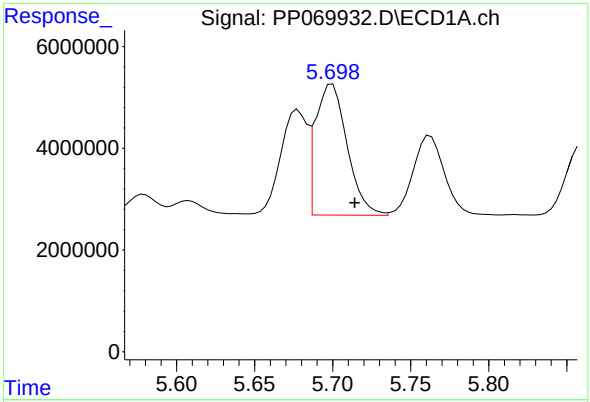
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.007 min
Response: 36383290
Conc: 872.39 ng/ml



#16 AR-1242-1

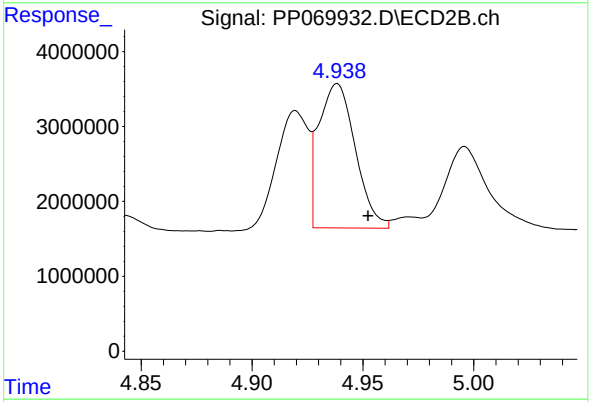
R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 22152367
Conc: 768.33 ng/ml



#17 AR-1242-2

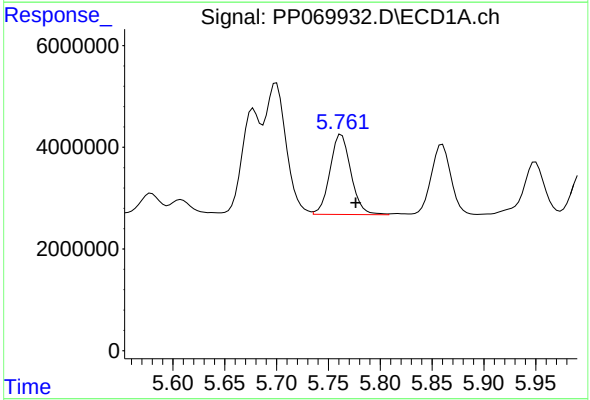
R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36383290
Conc: 616.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



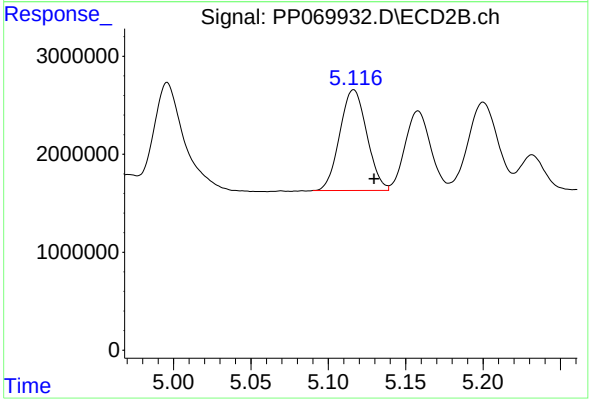
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 562.28 ng/ml



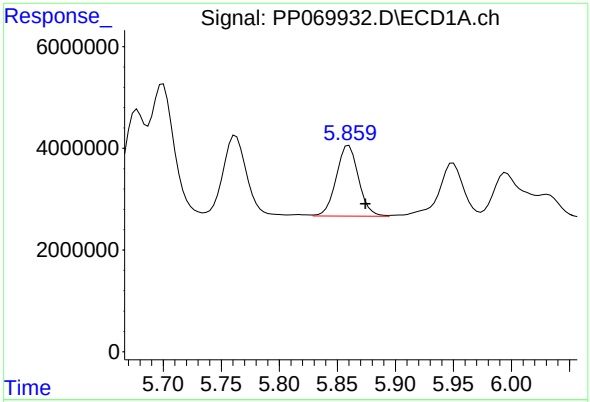
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: -0.014 min
Response: 22096220
Conc: 595.61 ng/ml



#18 AR-1242-3

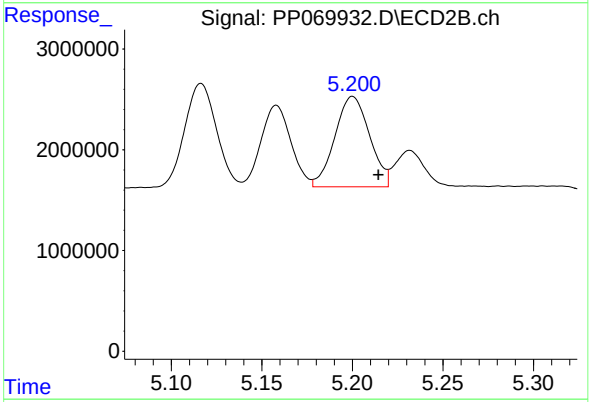
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 12537457
Conc: 557.12 ng/ml



#19 AR-1242-4

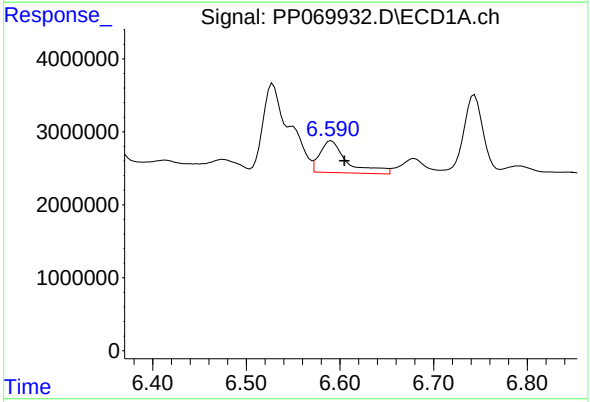
R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 18575160
Conc: 566.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



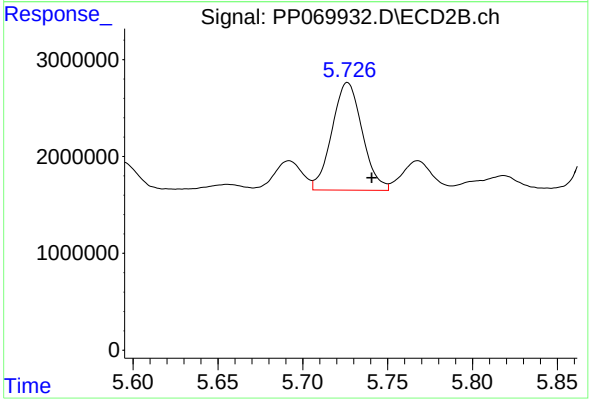
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11999735
Conc: 556.00 ng/ml



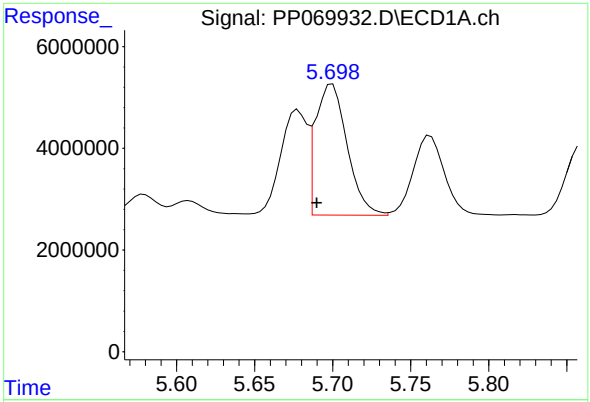
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 8867931
Conc: 272.15 ng/ml



#20 AR-1242-5

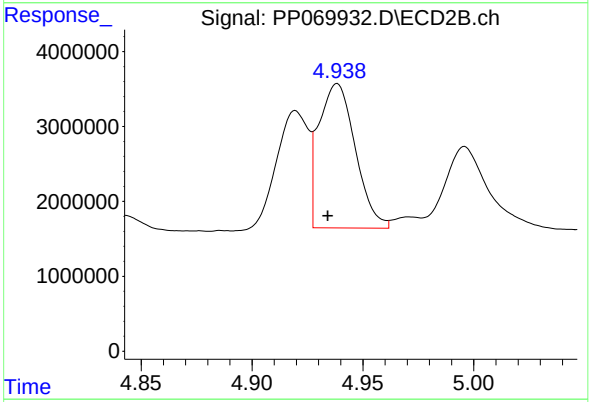
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 13812524
Conc: 480.13 ng/ml



#21 AR-1248-1

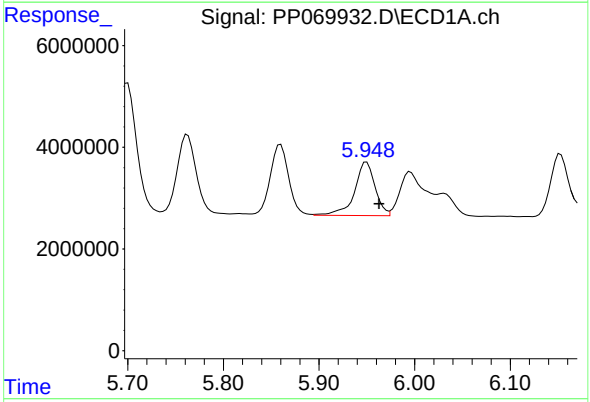
R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 36383290
Conc: 1121.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



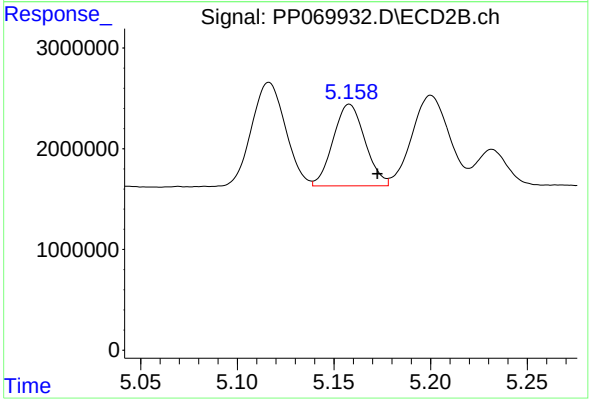
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 22152367
Conc: 1006.44 ng/ml



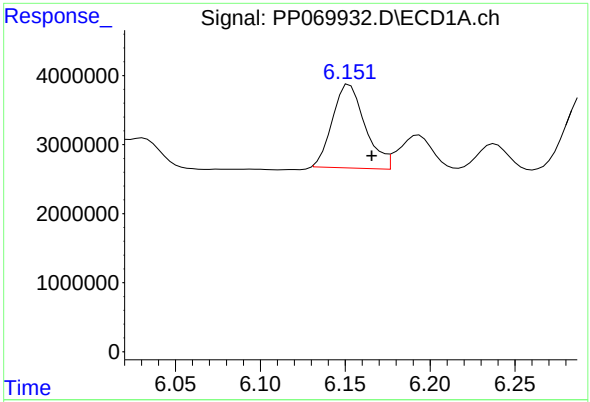
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 15797488
Conc: 372.17 ng/ml



#22 AR-1248-2

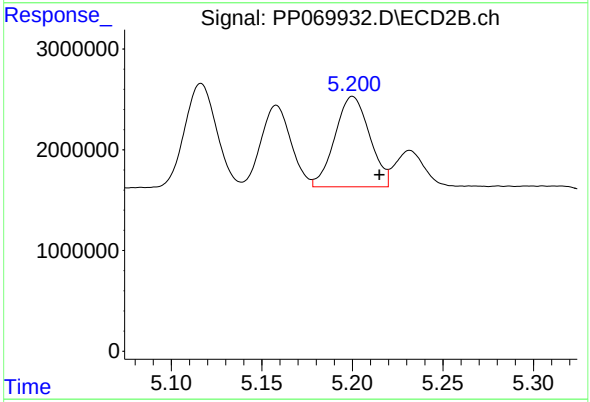
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9326173
Conc: 310.20 ng/ml



#23 AR-1248-3

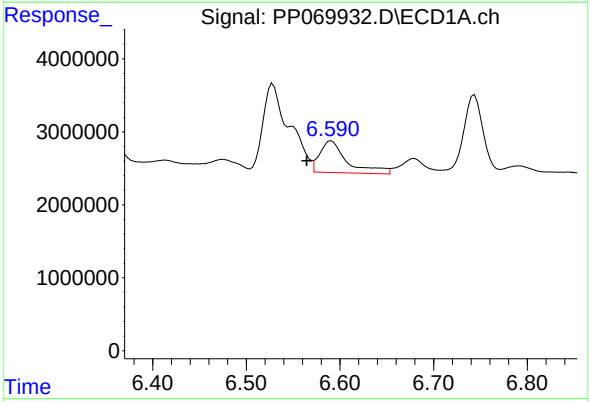
R.T.: 6.153 min
Delta R.T.: -0.013 min
Response: 16164285
Conc: 344.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



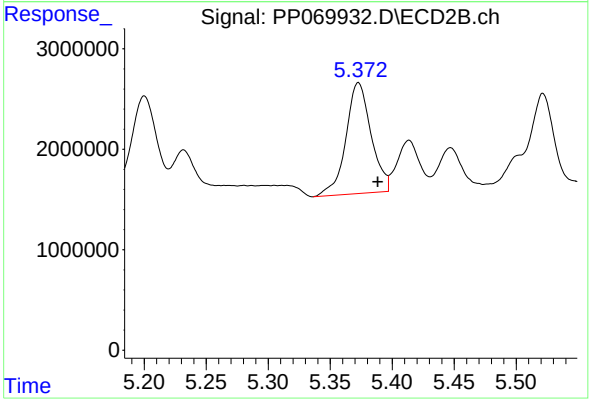
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 11999735
Conc: 387.28 ng/ml



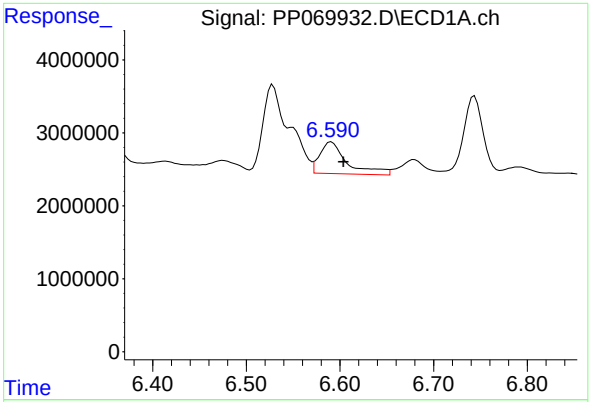
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.026 min
Response: 8867931
Conc: 160.88 ng/ml



#24 AR-1248-4

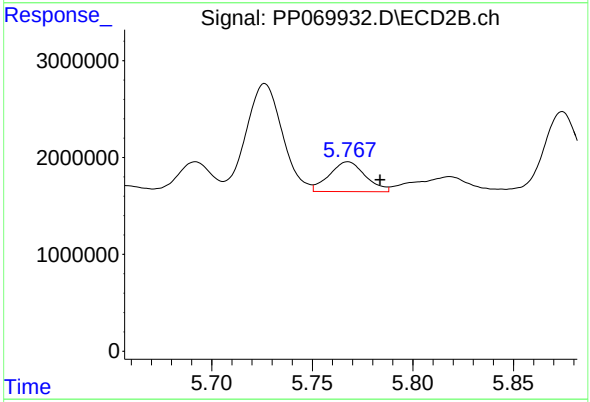
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 15655765
Conc: 423.77 ng/ml



#25 AR-1248-5

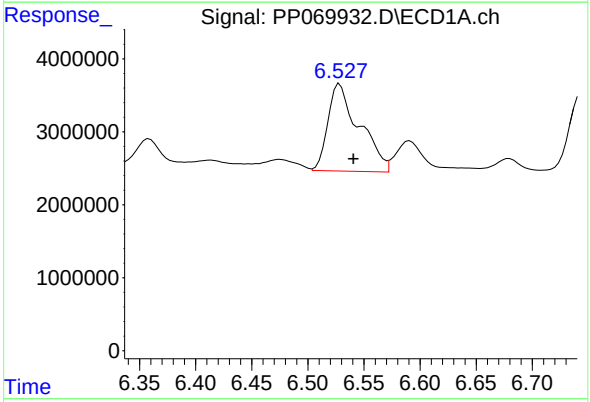
R.T.: 6.591 min
Delta R.T.: -0.013 min
Response: 8867931
Conc: 166.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



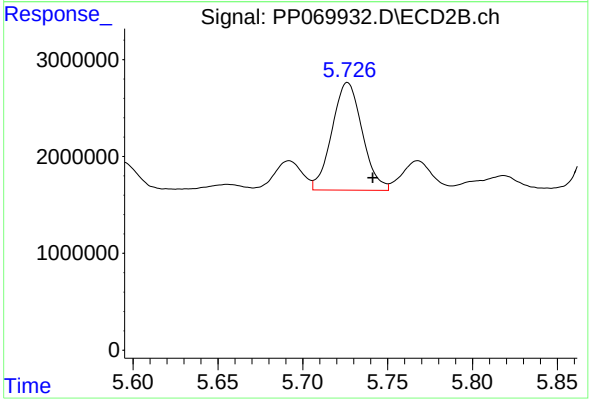
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3841568
Conc: 102.74 ng/ml



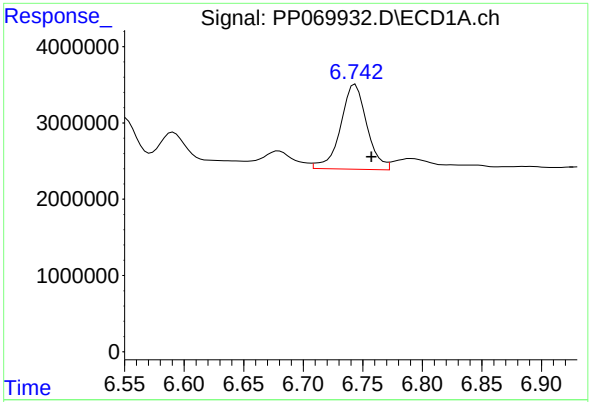
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.012 min
Response: 23290760
Conc: 402.51 ng/ml



#26 AR-1254-1

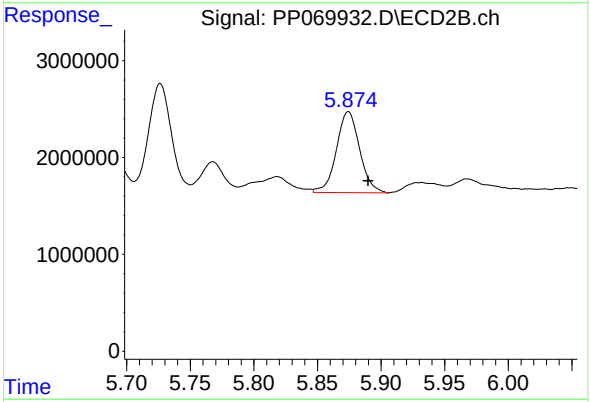
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 13812524
Conc: 250.88 ng/ml



#27 AR-1254-2

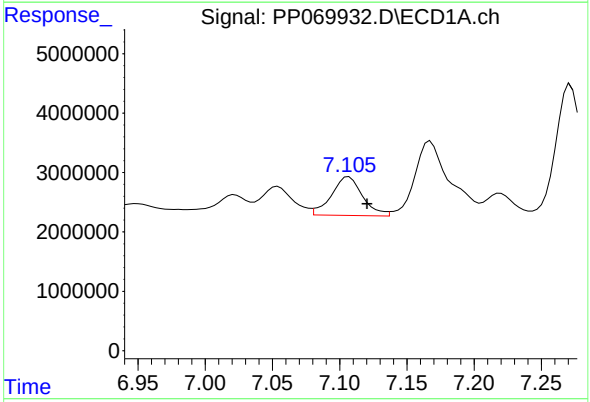
R.T.: 6.744 min
Delta R.T.: -0.014 min
Response: 17079942
Conc: 212.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



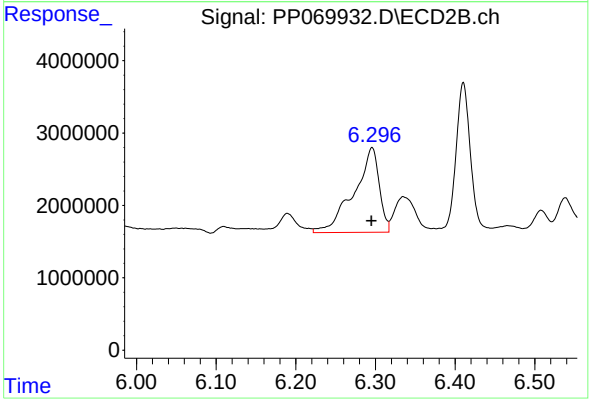
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 10619054
Conc: 219.54 ng/ml



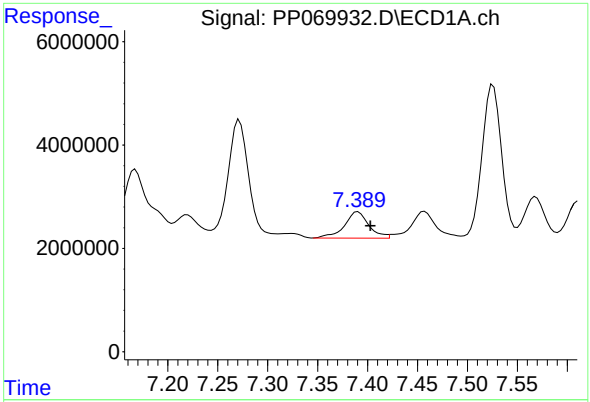
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.014 min
Response: 10446441
Conc: 123.94 ng/ml



#28 AR-1254-3

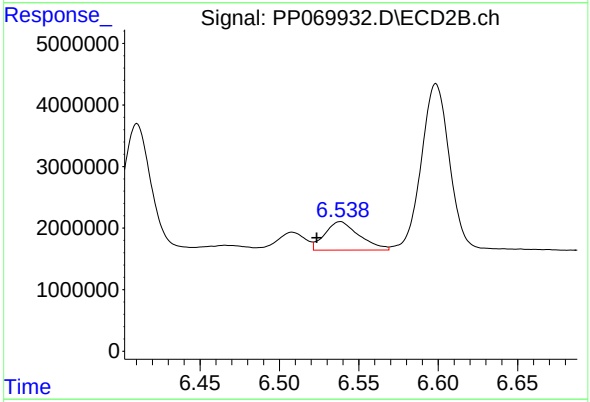
R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 25828580
Conc: 340.32 ng/ml



#29 AR-1254-4

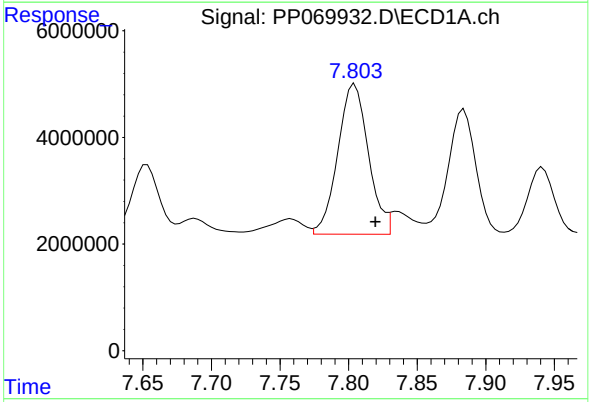
R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 8678937
Conc: 127.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



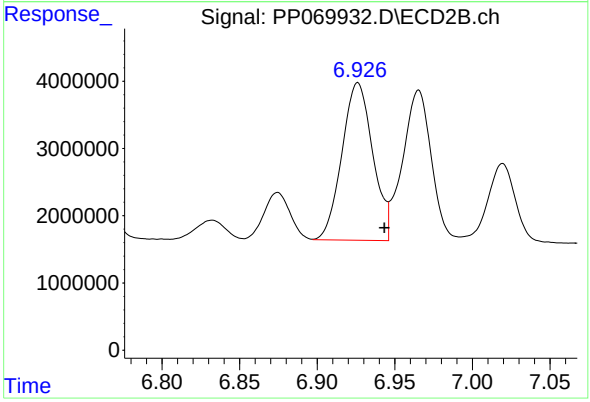
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.015 min
Response: 6923692
Conc: 135.10 ng/ml



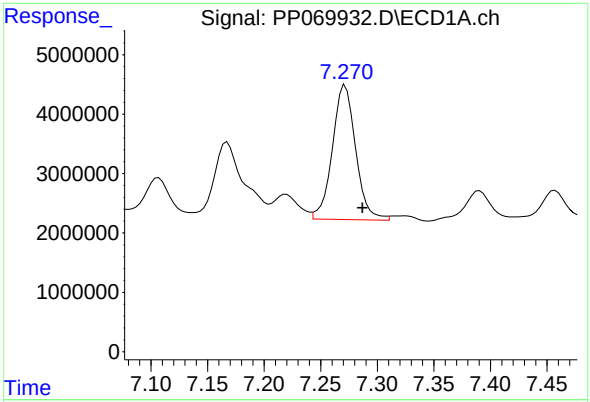
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 43760850
Conc: 643.11 ng/ml



#30 AR-1254-5

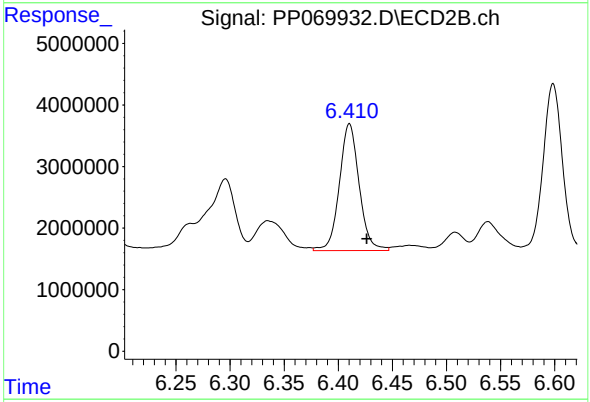
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 32425347
Conc: 487.16 ng/ml



#31 AR-1260-1

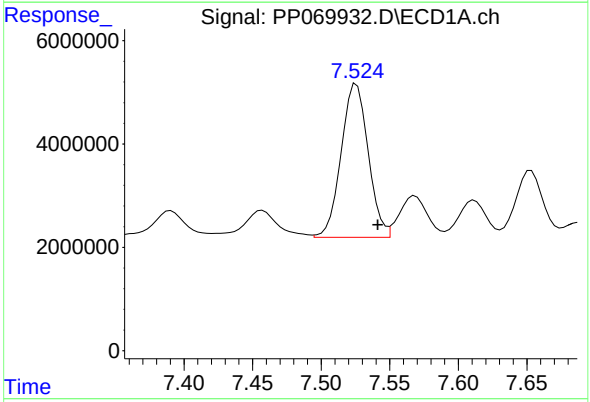
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 32506173
Conc: 556.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



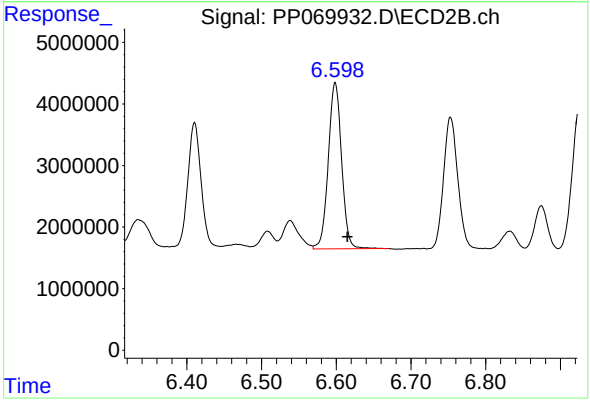
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 26192249
Conc: 543.08 ng/ml



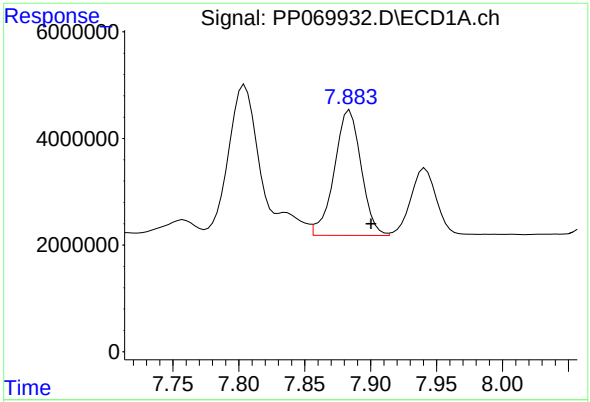
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 40795883
Conc: 524.28 ng/ml



#32 AR-1260-2

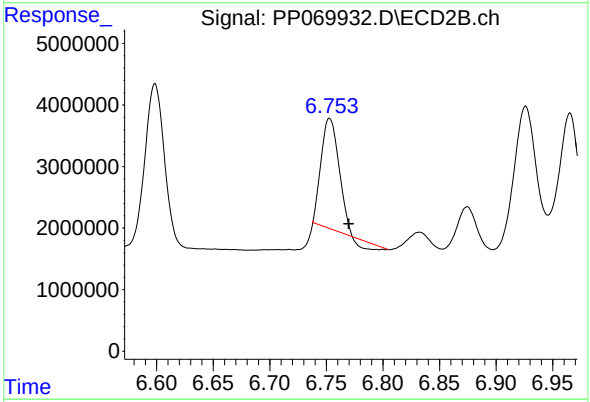
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 33361092
Conc: 544.19 ng/ml



#33 AR-1260-3

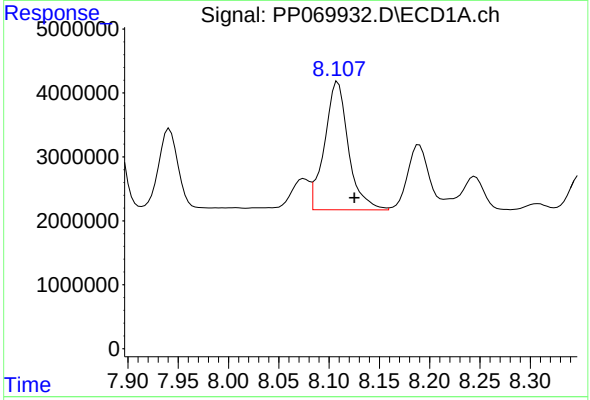
R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 33344400
Conc: 533.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



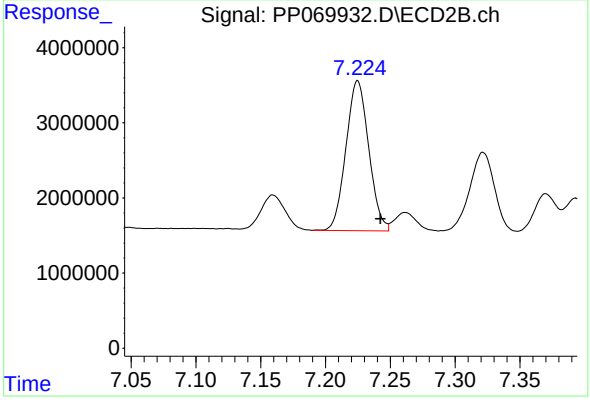
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 18433816
Conc: 306.43 ng/ml



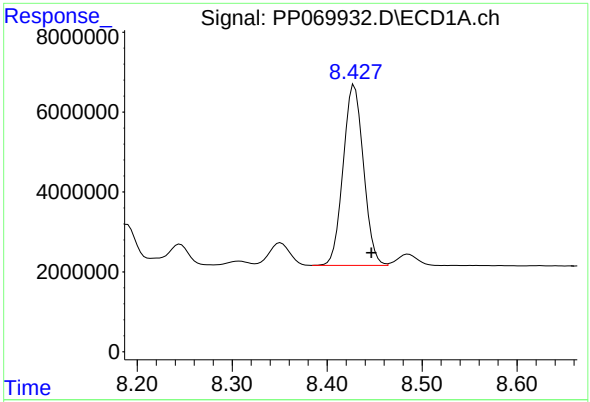
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 33116156
Conc: 501.94 ng/ml



#34 AR-1260-4

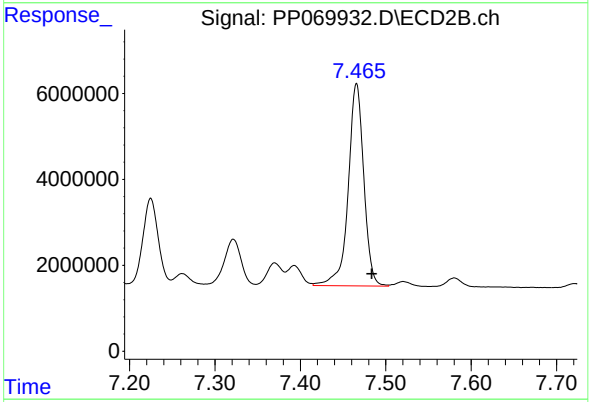
R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 24459480
Conc: 526.38 ng/ml



#35 AR-1260-5

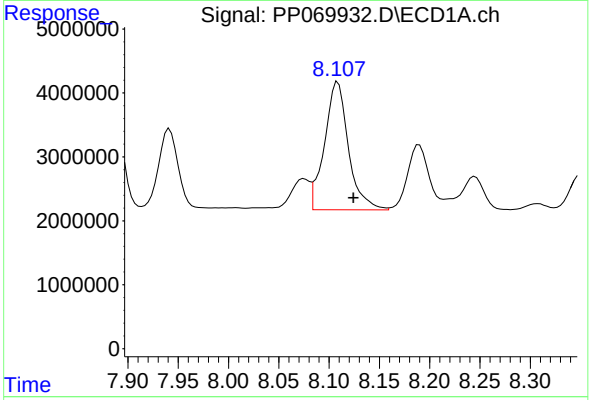
R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 67316487
Conc: 514.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



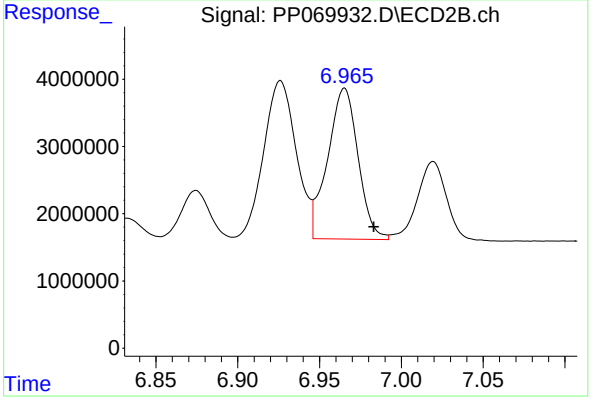
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 59692122
Conc: 537.06 ng/ml



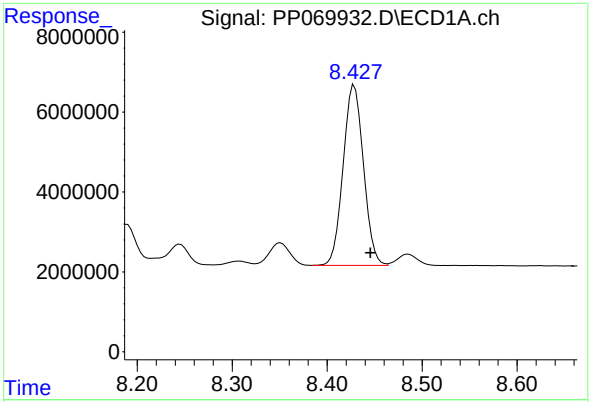
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 33116156
Conc: 419.09 ng/ml



#36 AR-1262-1

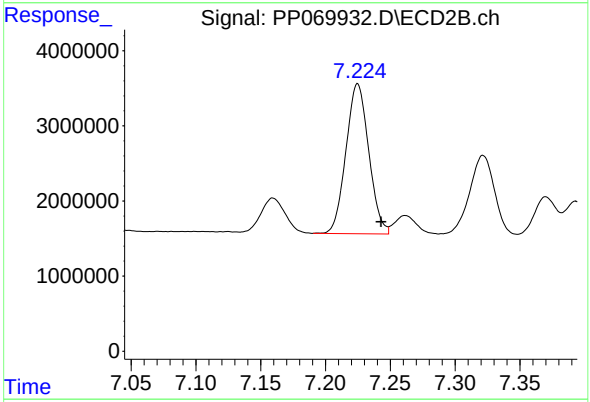
R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 29026730
Conc: 408.75 ng/ml



#37 AR-1262-2

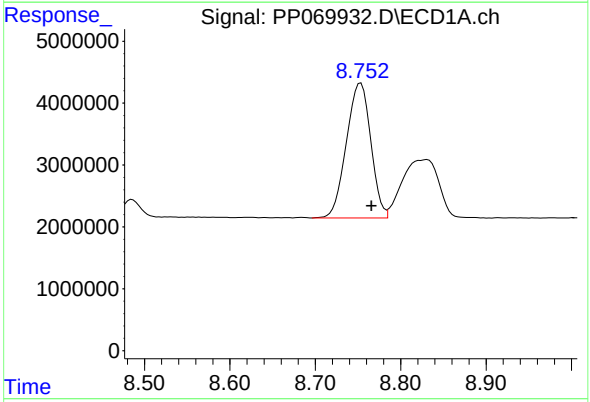
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 67316487
Conc: 440.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



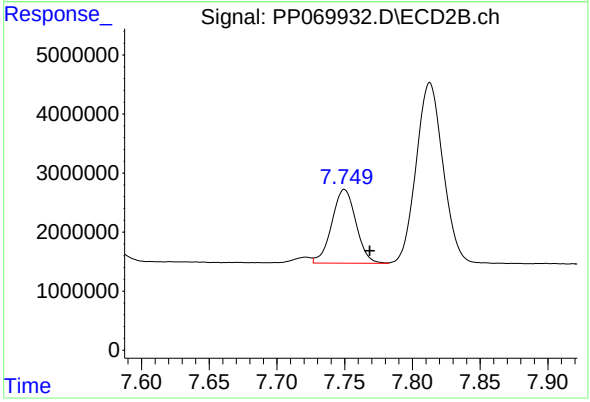
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 24459480
Conc: 401.11 ng/ml



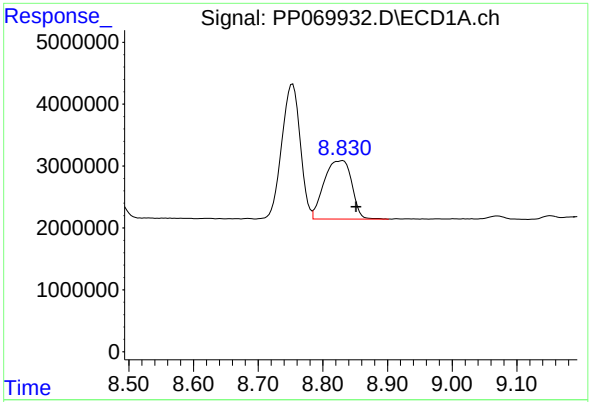
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.012 min
Response: 43306887
Conc: 407.48 ng/ml



#38 AR-1262-3

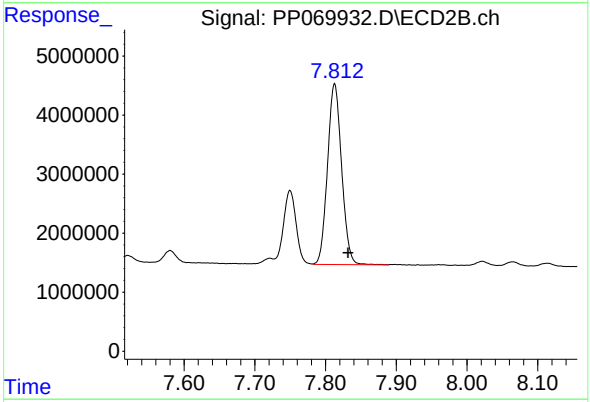
R.T.: 7.750 min
Delta R.T.: -0.019 min
Response: 15466451
Conc: 295.73 ng/ml



#39 AR-1262-4

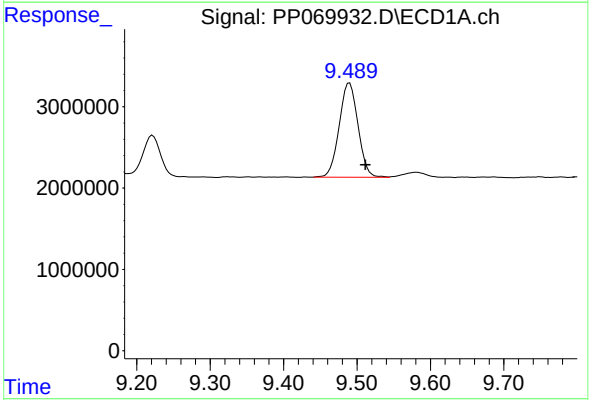
R.T.: 8.831 min
Delta R.T.: -0.021 min
Response: 28124456
Conc: 343.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



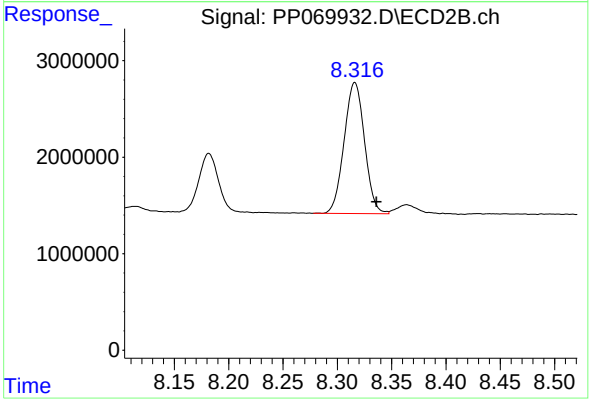
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 42461465
Conc: 459.36 ng/ml



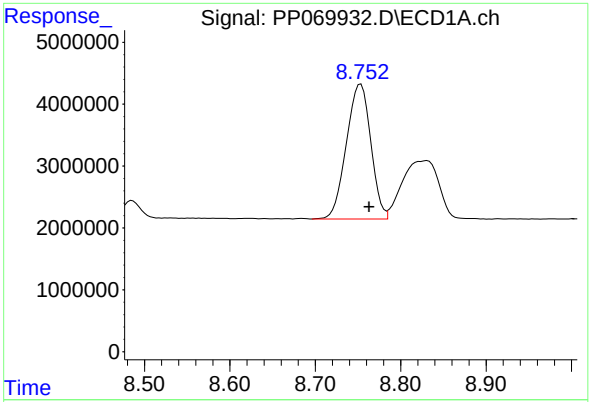
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.021 min
Response: 20692982
Conc: 365.53 ng/ml



#40 AR-1262-5

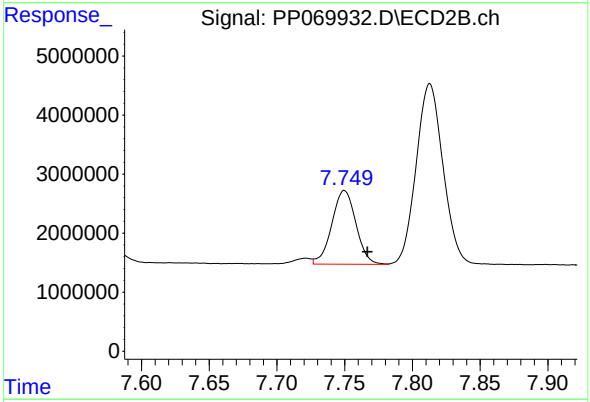
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 17819582
Conc: 372.86 ng/ml



#41 AR-1268-1

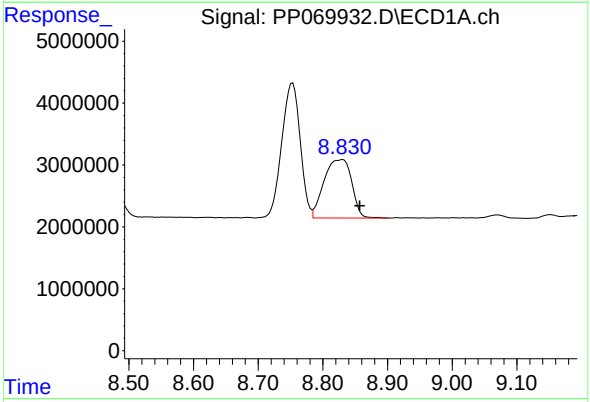
R.T.: 8.753 min
Delta R.T.: -0.010 min
Response: 43306887
Conc: 245.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



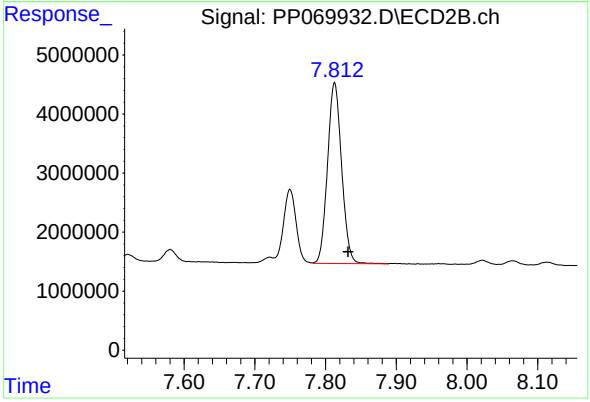
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 15466451
Conc: 106.58 ng/ml



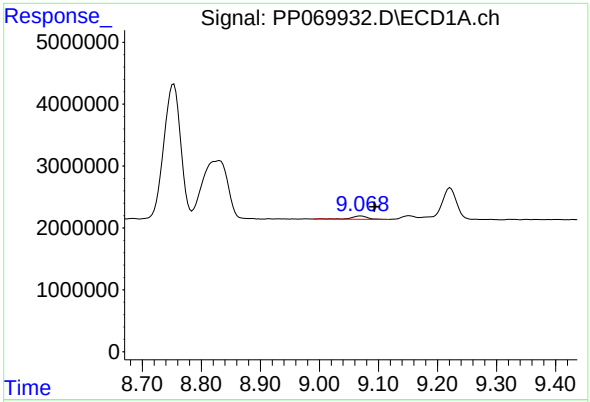
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.026 min
Response: 28124456
Conc: 178.71 ng/ml



#42 AR-1268-2

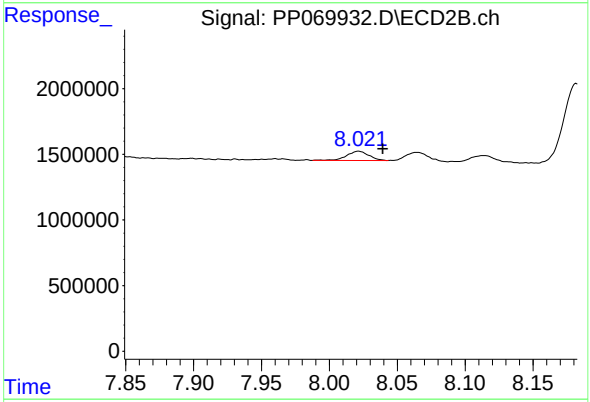
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 42461465
Conc: 319.70 ng/ml



#43 AR-1268-3

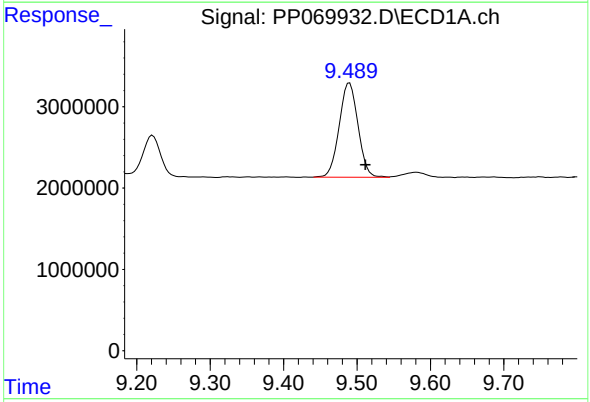
R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 1001104
Conc: 7.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



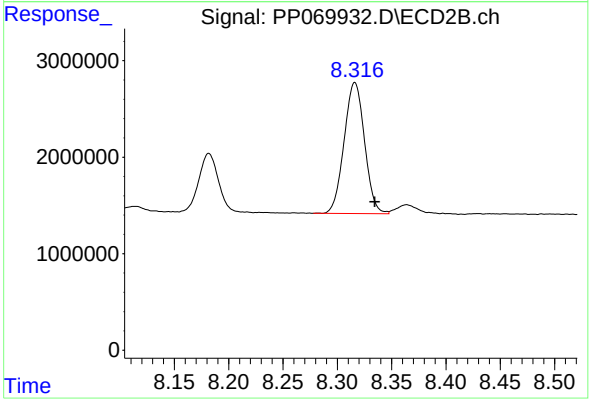
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.018 min
Response: 797164
Conc: 7.01 ng/ml



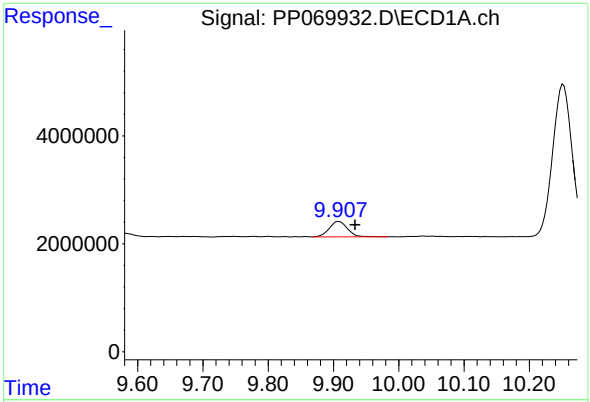
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 20692982
Conc: 352.40 ng/ml



#44 AR-1268-4

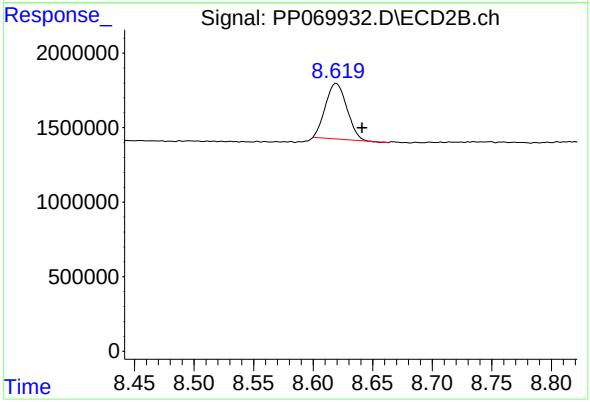
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 17819582
Conc: 342.17 ng/ml



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: -0.025 min
Response: 5513904
Conc: 14.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 4664908
Conc: 13.10 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.830	78641512	45859932	54.937	51.381	
2)	SA Decachlor...	10.253	8.889	57345974	56081078	52.471	50.140	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.937	1088160	288566	23.486	8.848	#
4)	L1 AR-1016-2	5.699	4.937	1088160	288566	16.031	6.419	#
5)	L1 AR-1016-3	0.000	5.119	0	261133	N.D.	10.494	#
6)	L1 AR-1016-4	5.857	5.158	445644	11092591	12.733	549.240	#
7)	L1 AR-1016-5	6.151	5.373	8212856	7528163	248.434	280.651	
8)	L2 AR-1221-1	0.000	4.038	0	103713	N.D.	8.420	#
9)	L2 AR-1221-2	4.826	4.133	1079701	982941	78.853	101.508	#
10)	L2 AR-1221-3	0.000	4.221	0	52660	N.D.	1.805	#
11)	L3 AR-1232-1	0.000	4.221	0	52660	N.D.	2.243	#
12)	L3 AR-1232-2	0.000	4.937	0	288566	N.D.	12.242	#
13)	L3 AR-1232-3	5.699	5.119	1088160	261133	31.670	20.169	#
14)	L3 AR-1232-4	5.857	5.199	445644	3433893	25.013	309.742	#
15)	L3 AR-1232-5	5.949	5.373	15159962	7528163	1322.580	616.541	#
16)	L4 AR-1242-1	5.699	4.937	1088160	288566	26.092	10.009	#
17)	L4 AR-1242-2	5.699	4.937	1088160	288566	18.446	7.324	#
18)	L4 AR-1242-3	0.000	5.119	0	261133	N.D.	11.604	#
19)	L4 AR-1242-4	5.857	5.199	445644	3433893	13.589	159.107	#
20)	L4 AR-1242-5	6.593	5.727	9934605	27353708	304.889	950.826	#
21)	L5 AR-1248-1	5.699	4.937	1088160	288566	33.545	13.110	#
22)	L5 AR-1248-2	5.949	5.158	15159962	11092591	357.155	368.959	
23)	L5 AR-1248-3	6.151	5.199	8212856	3433893	174.789	110.827	#
24)	L5 AR-1248-4	6.548	5.373	12999792	7528163	235.840	203.774	
25)	L5 AR-1248-5	6.593	5.768	9934605	3688329	186.098	98.646	#
26)	L6 AR-1254-1	6.548	5.727	12999792	27353708	224.662	496.836	#
27)	L6 AR-1254-2	6.743	5.875	43100155	24389172	537.128	504.234	
28)	L6 AR-1254-3	7.106	6.281	43662235	38496228	518.010	507.223	
29)	L6 AR-1254-4	7.389	6.509	35598965	27426302	522.072	535.150	
30)	L6 AR-1254-5	7.806	6.928	35094938	34638919	515.752	520.413	
31)	L7 AR-1260-1	7.271	6.412	17916440	20124103	306.598	417.257	#
32)	L7 AR-1260-2	7.524	6.600	21431962	17362007	275.429	283.213	
33)	L7 AR-1260-3	7.867	6.753	4588501	11236384	73.393	186.786	#
34)	L7 AR-1260-4	8.092	7.227	13934576	1878914	211.204	40.435	#
35)	L7 AR-1260-5	8.428	7.498	5430452	1438268	41.477	12.940	#
36)	L8 AR-1262-1	8.092	6.998	13934576	3900189	176.346	54.922	#
37)	L8 AR-1262-2	8.428	7.227	5430452	1878914	35.511	30.812	
38)	L8 AR-1262-3	8.757	7.753	4096396	213828	38.544	4.089	#
39)	L8 AR-1262-4	8.805f	7.813	633398	5031911	7.744	54.436	#
40)	L8 AR-1262-5	0.000	8.317	0	251162	N.D.	5.255	#
41)	L9 AR-1268-1	8.757	7.753	4096396	213828	23.199	1.473	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.805f	7.813	633398	5031911	4.025	37.886 #
43) L9	AR-1268-3	0.000	8.019	0	209850	N.D.	1.845 #
44) L9	AR-1268-4	0.000	8.317	0	251162	N.D.	4.823 #
45) L9	AR-1268-5	0.000	8.622	0	368486	N.D.	1.035 #

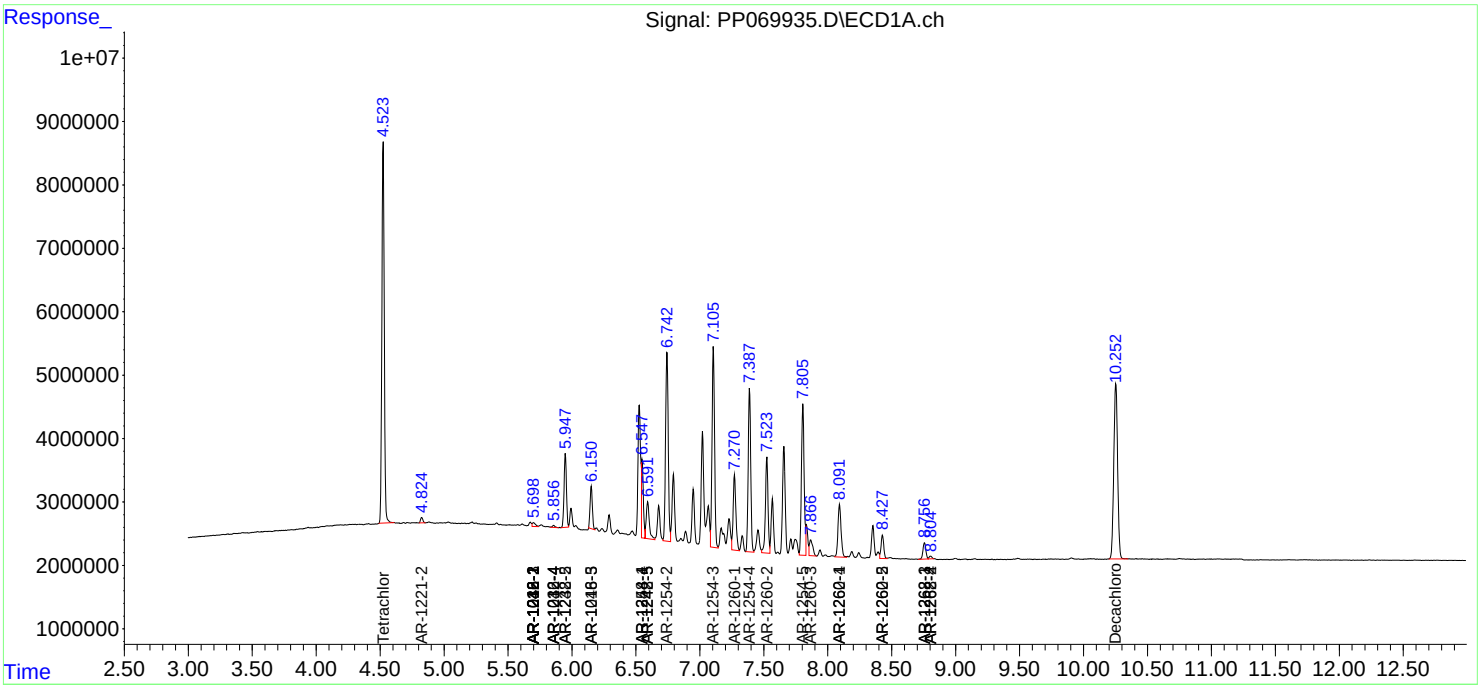
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

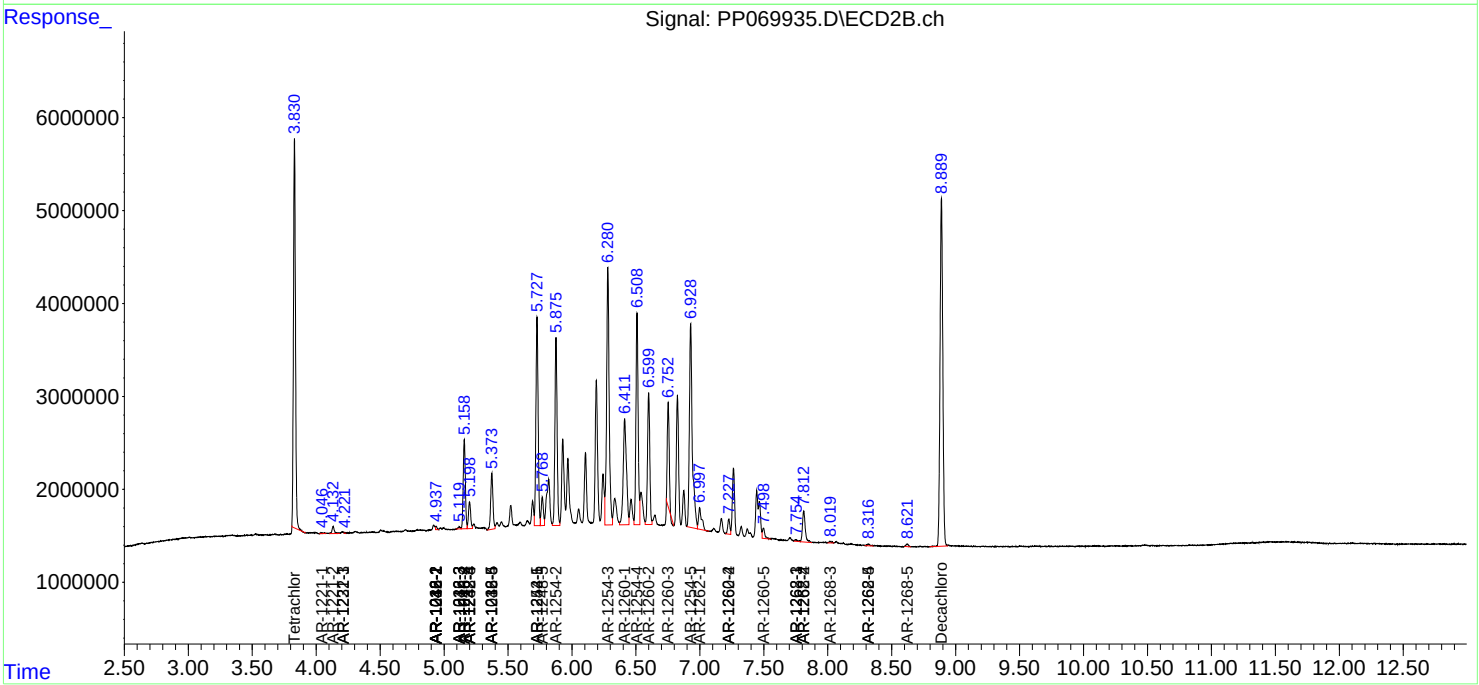
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

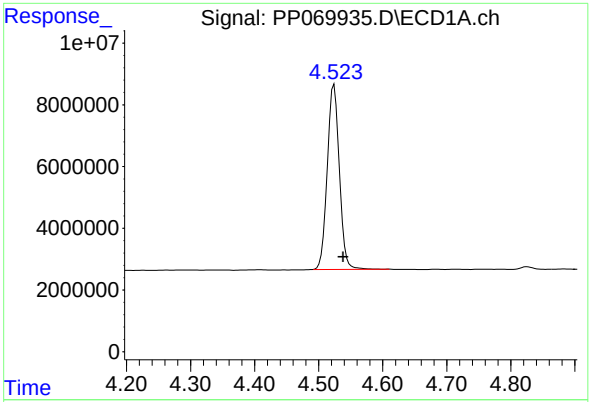
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



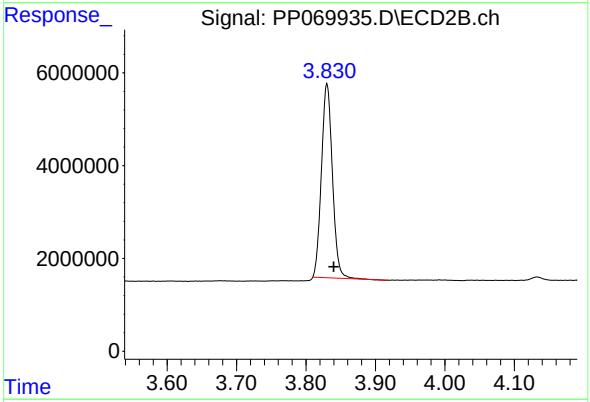




#1 Tetrachloro-m-xylene

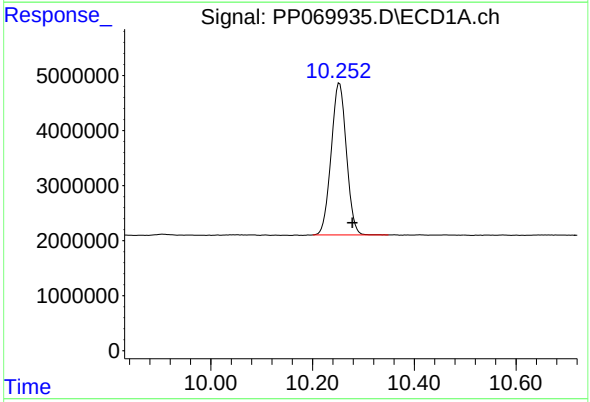
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 78641512
Conc: 54.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



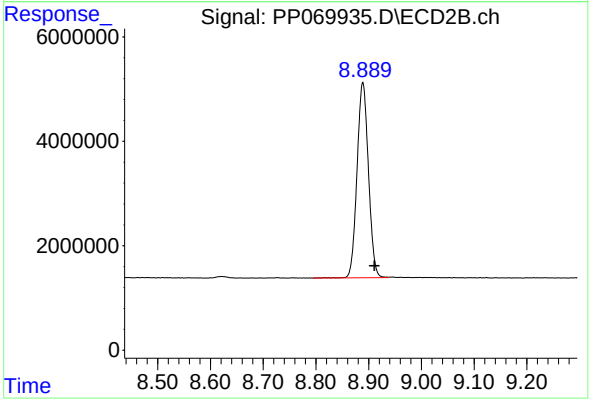
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 45859932
Conc: 51.38 ng/ml



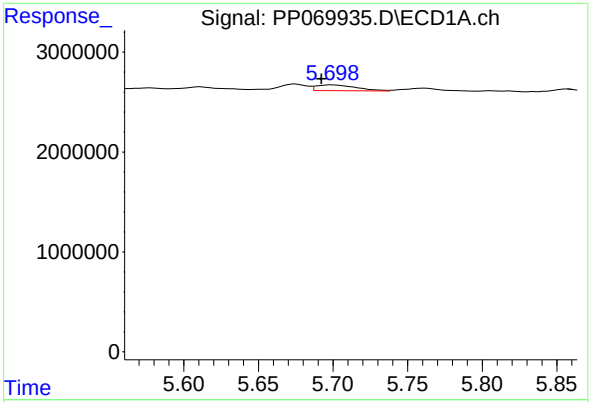
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 57345974
Conc: 52.47 ng/ml



#2 Decachlorobiphenyl

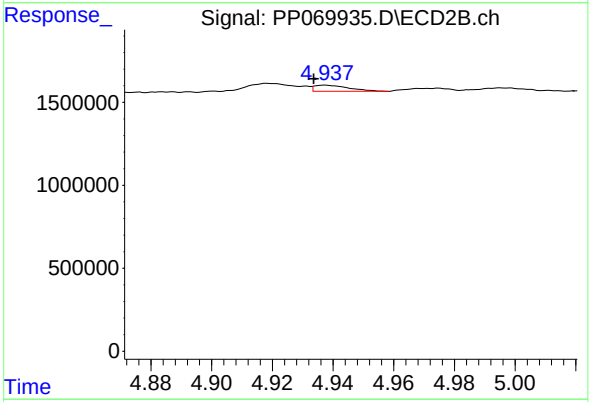
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56081078
Conc: 50.14 ng/ml



#3 AR-1016-1

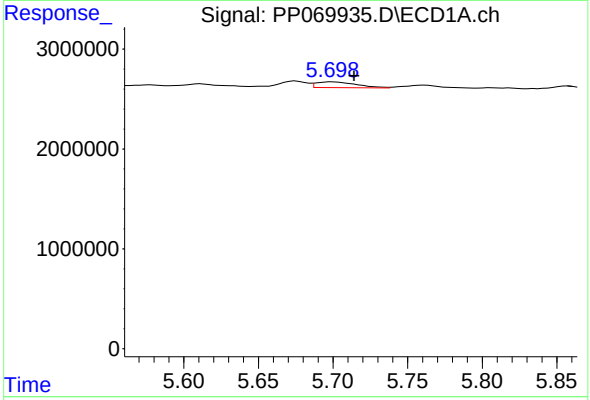
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 1088160
Conc: 23.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



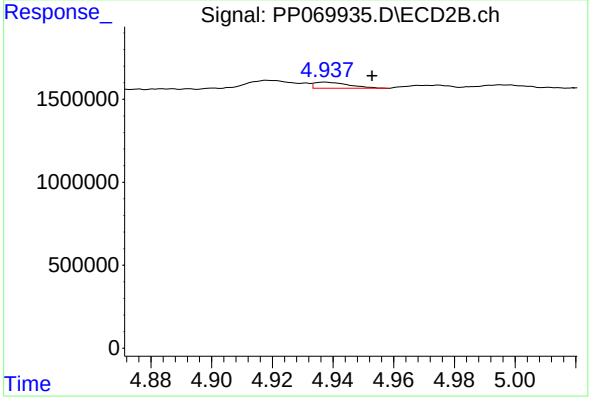
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 288566
Conc: 8.85 ng/ml



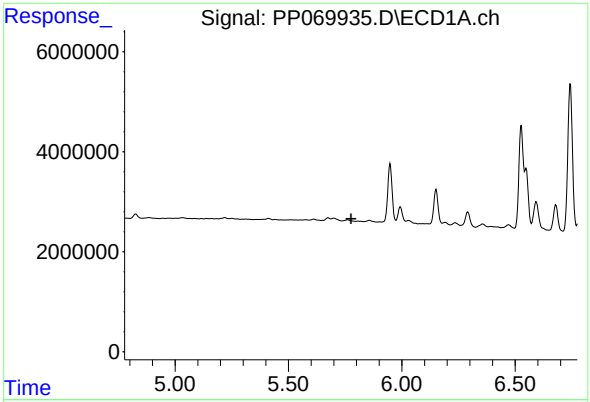
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 1088160
Conc: 16.03 ng/ml



#4 AR-1016-2

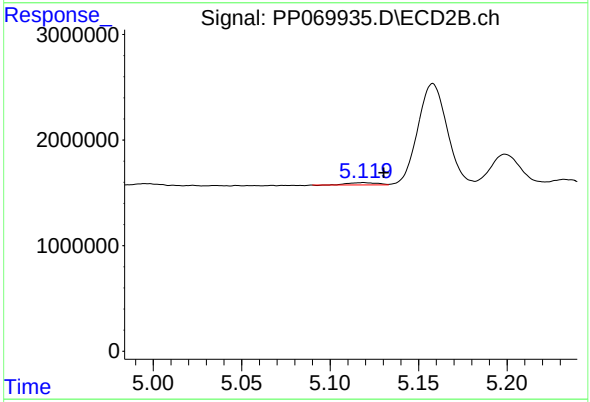
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 288566
Conc: 6.42 ng/ml



#5 AR-1016-3

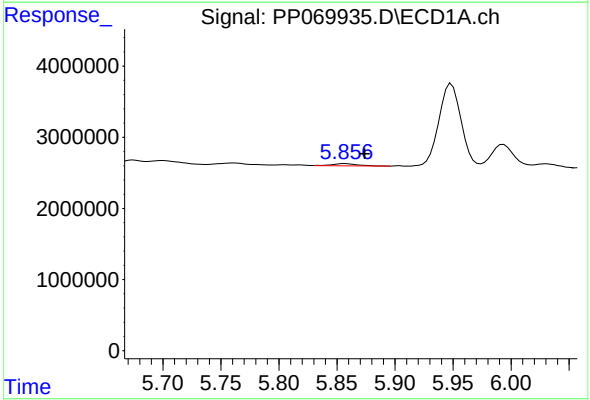
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



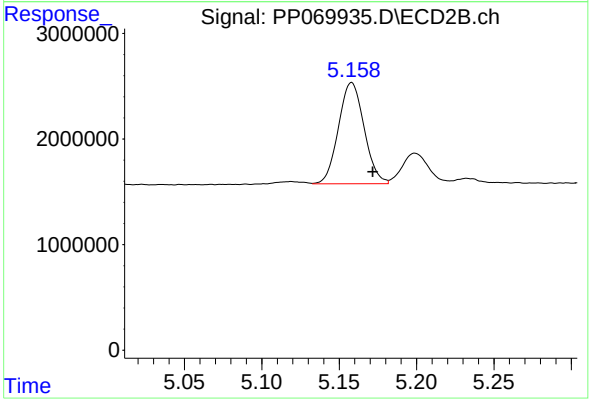
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 261133
Conc: 10.49 ng/ml



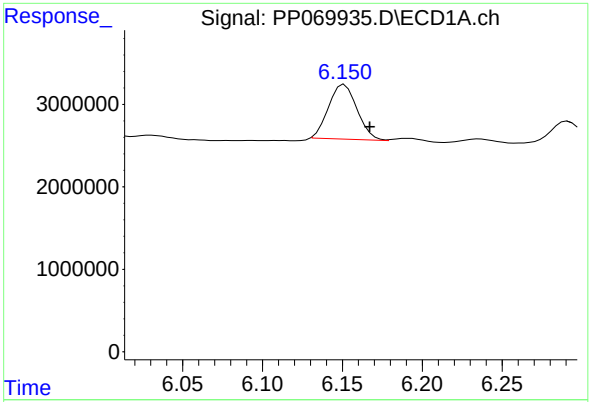
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 445644
Conc: 12.73 ng/ml



#6 AR-1016-4

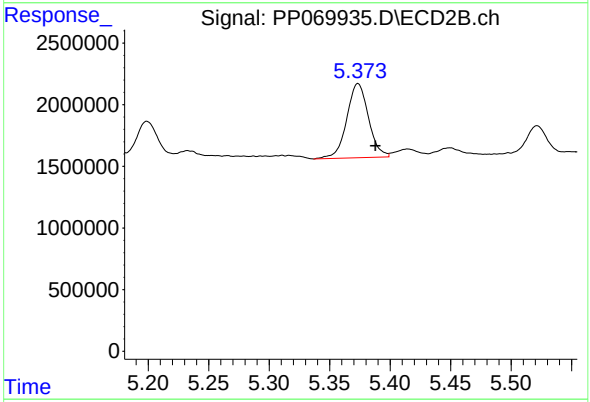
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 11092591
Conc: 549.24 ng/ml



#7 AR-1016-5

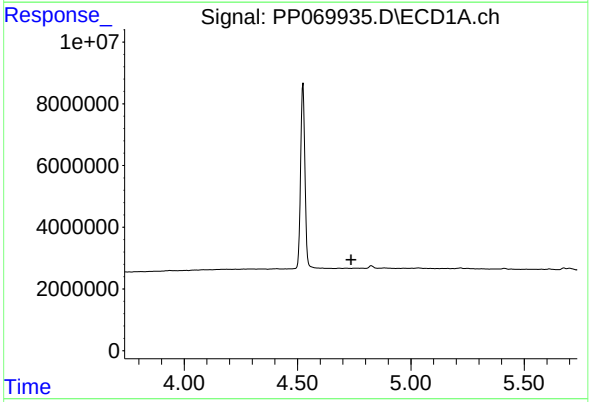
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 8212856
Conc: 248.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



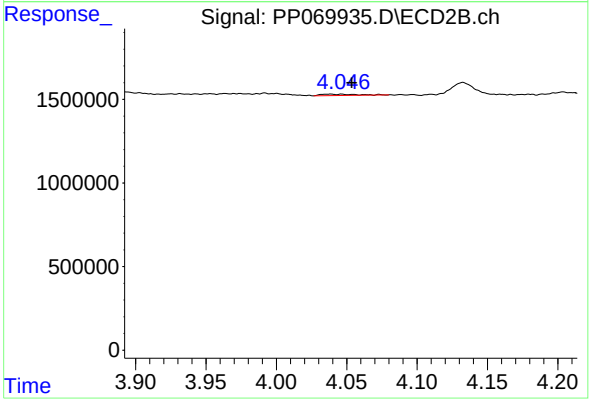
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 7528163
Conc: 280.65 ng/ml



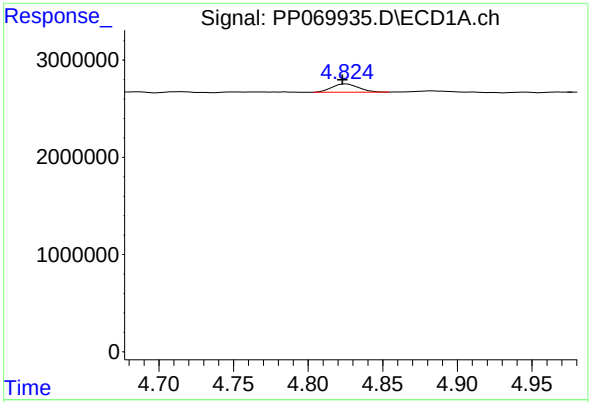
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

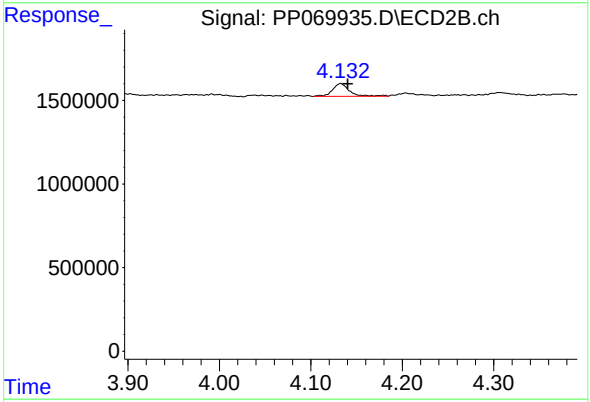
R.T.: 4.038 min
Delta R.T.: -0.016 min
Response: 103713
Conc: 8.42 ng/ml



#9 AR-1221-2

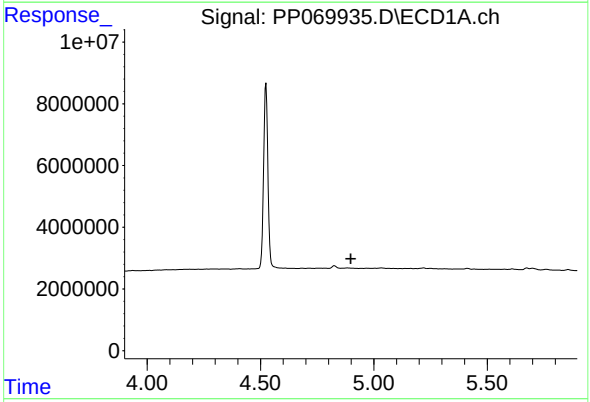
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 1079701
Conc: 78.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



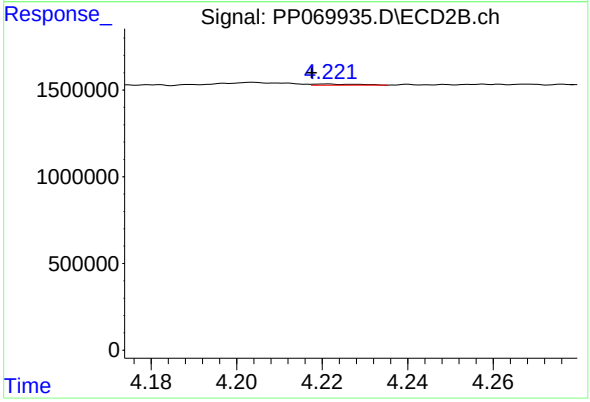
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 982941
Conc: 101.51 ng/ml



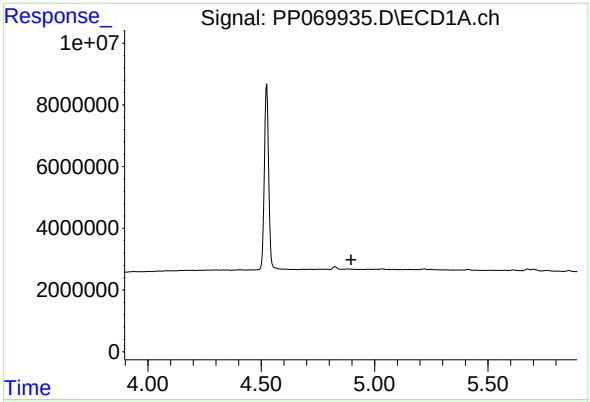
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

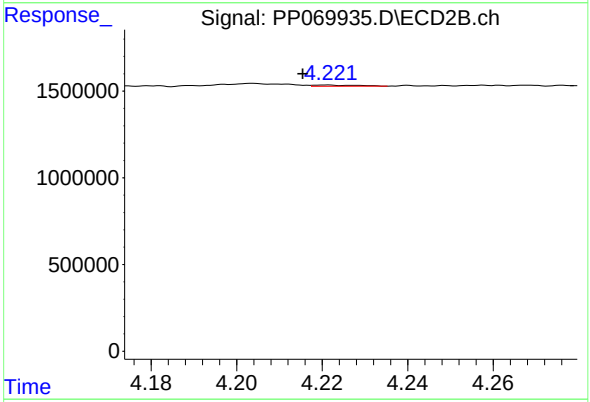
R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 52660
Conc: 1.81 ng/ml



#11 AR-1232-1

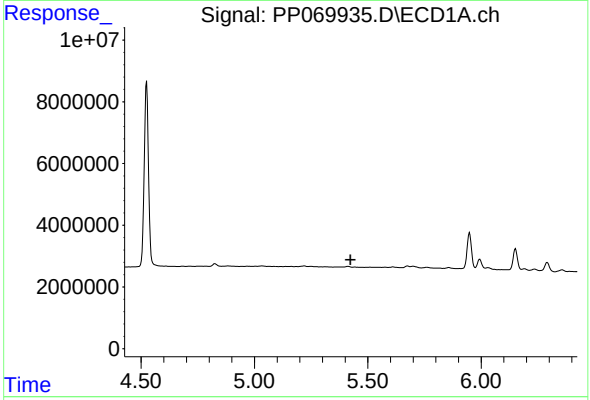
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



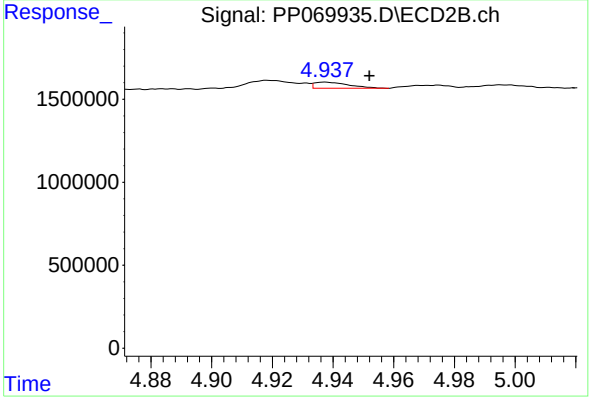
#11 AR-1232-1

R.T.: 4.221 min
Delta R.T.: 0.006 min
Response: 52660
Conc: 2.24 ng/ml



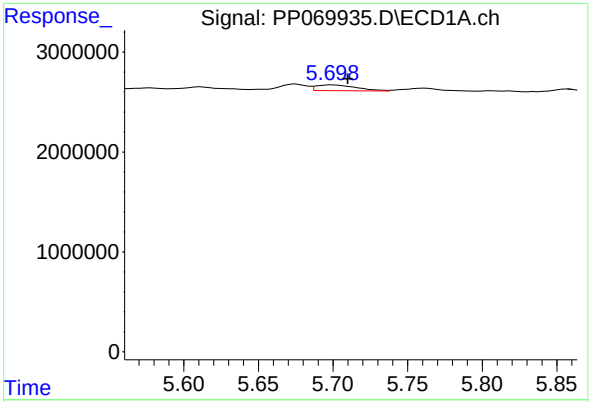
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

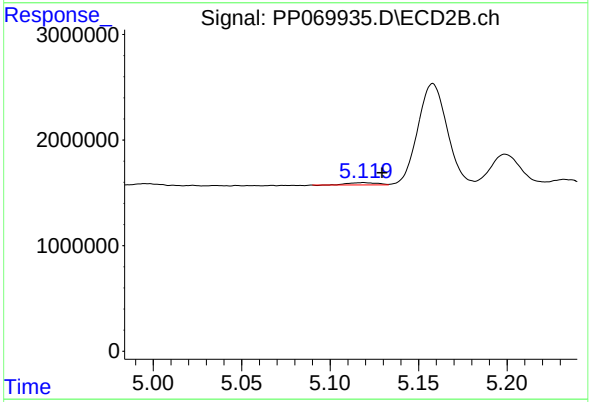
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 288566
Conc: 12.24 ng/ml



#13 AR-1232-3

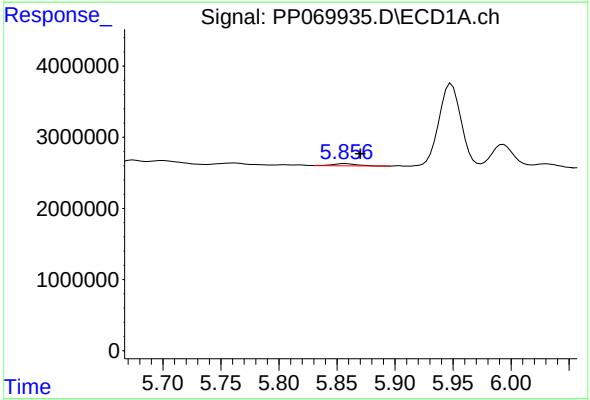
R.T.: 5.699 min
Delta R.T.: -0.010 min
Response: 1088160
Conc: 31.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



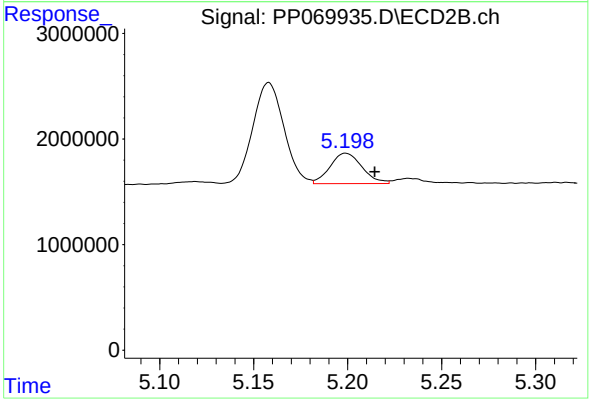
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 261133
Conc: 20.17 ng/ml



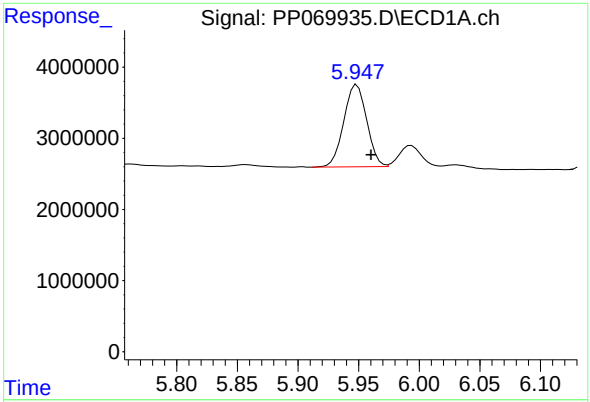
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.013 min
Response: 445644
Conc: 25.01 ng/ml



#14 AR-1232-4

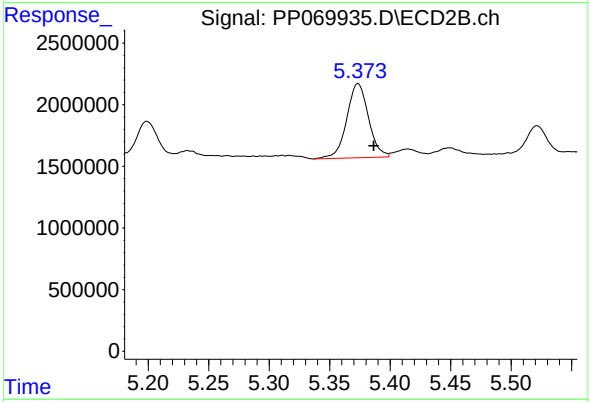
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 3433893
Conc: 309.74 ng/ml



#15 AR-1232-5

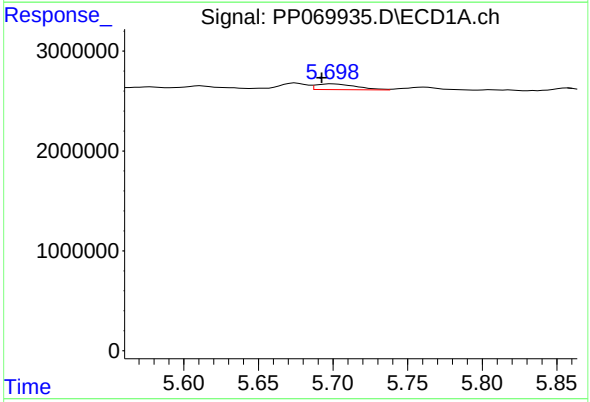
R.T.: 5.949 min
Delta R.T.: -0.012 min
Response: 15159962
Conc: 1322.58 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



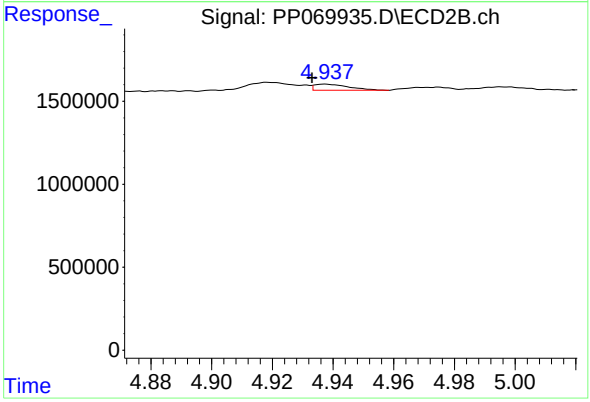
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 7528163
Conc: 616.54 ng/ml



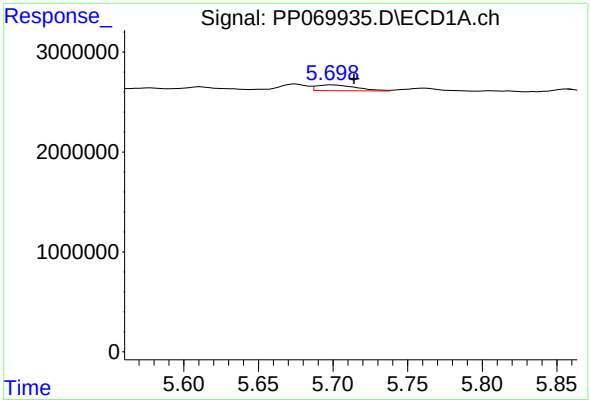
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 1088160
Conc: 26.09 ng/ml



#16 AR-1242-1

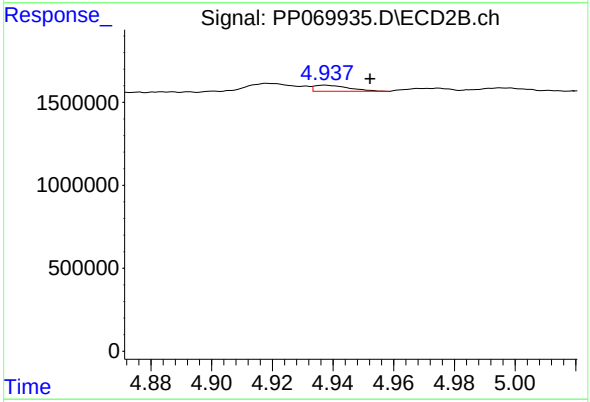
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 288566
Conc: 10.01 ng/ml



#17 AR-1242-2

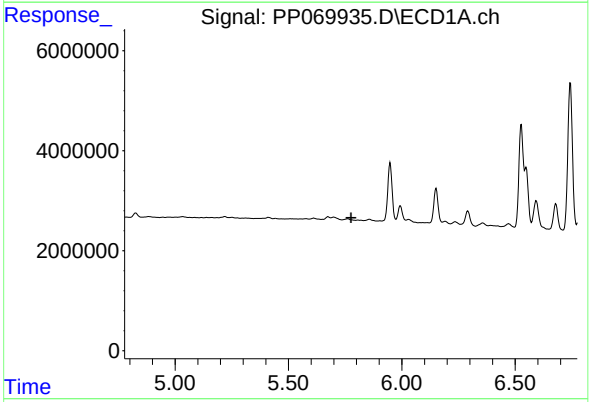
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 1088160
Conc: 18.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



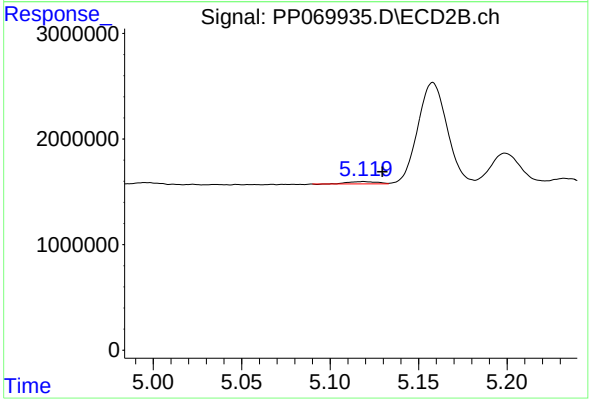
#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 288566
Conc: 7.32 ng/ml



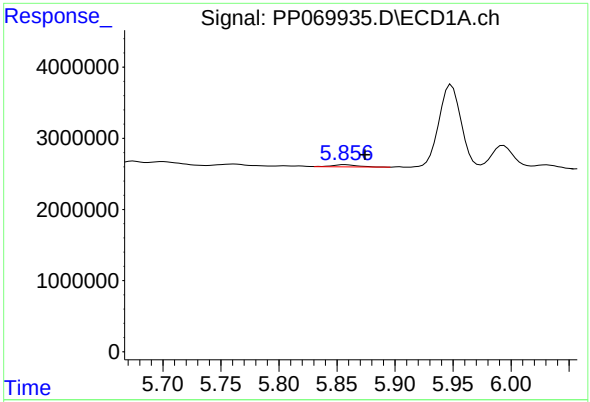
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

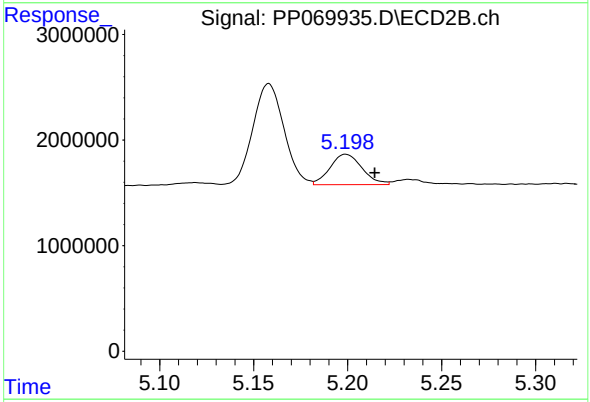
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 261133
Conc: 11.60 ng/ml



#19 AR-1242-4

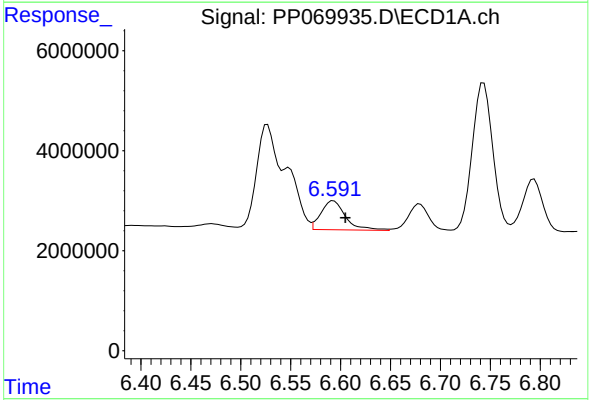
R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 445644
Conc: 13.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



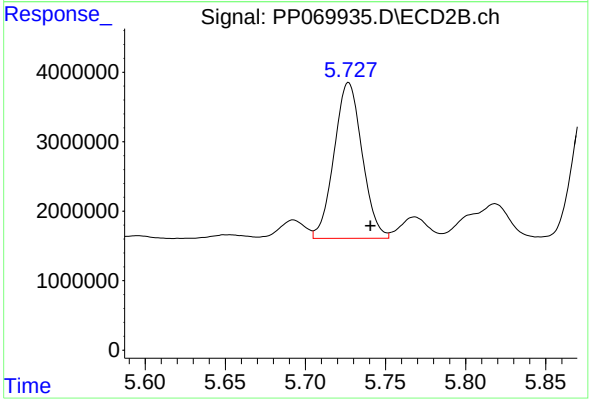
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 3433893
Conc: 159.11 ng/ml



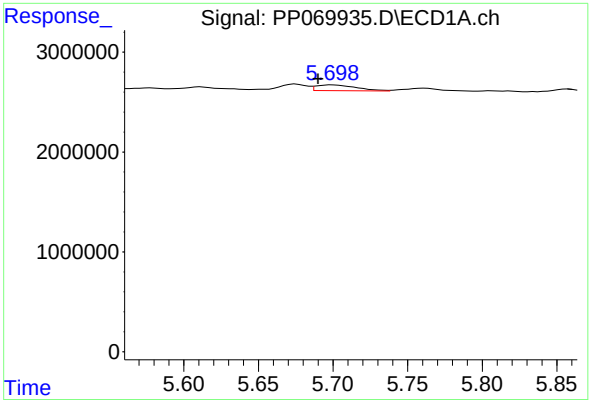
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.012 min
Response: 9934605
Conc: 304.89 ng/ml



#20 AR-1242-5

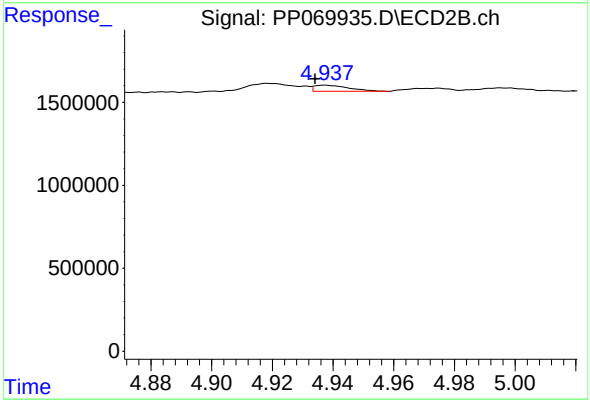
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27353708
Conc: 950.83 ng/ml



#21 AR-1248-1

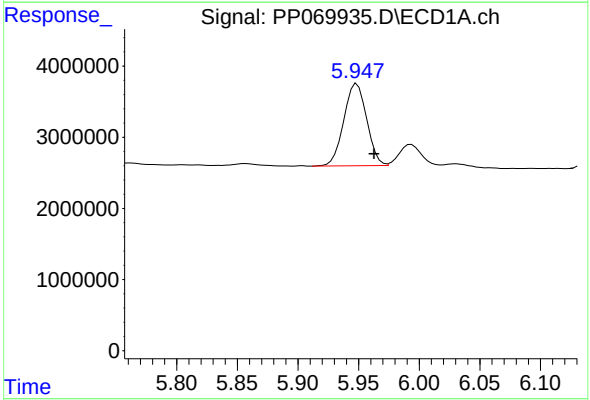
R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 1088160
Conc: 33.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



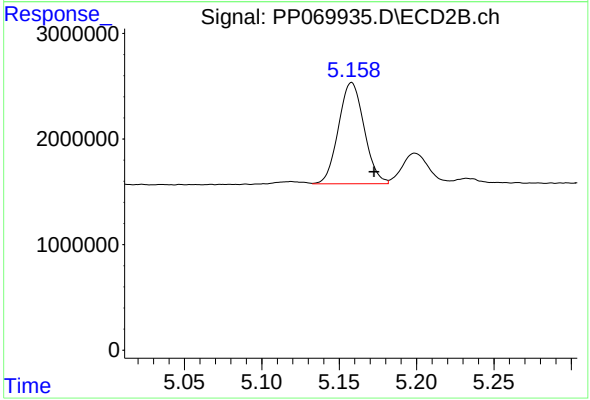
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 288566
Conc: 13.11 ng/ml



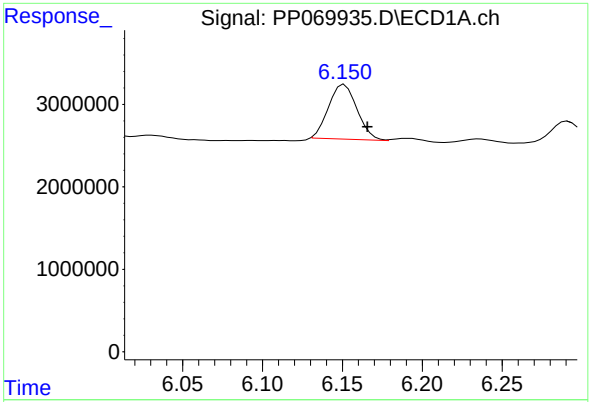
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 15159962
Conc: 357.16 ng/ml



#22 AR-1248-2

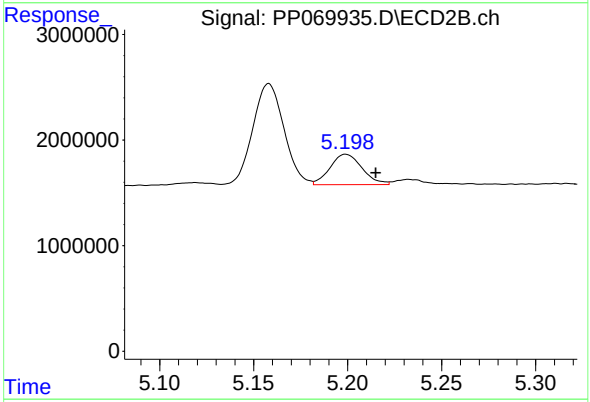
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 11092591
Conc: 368.96 ng/ml



#23 AR-1248-3

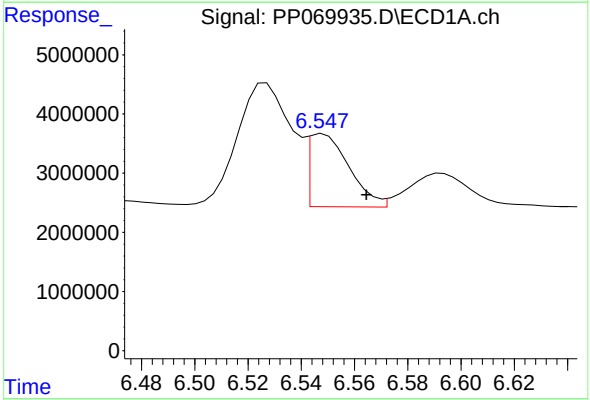
R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 8212856
Conc: 174.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



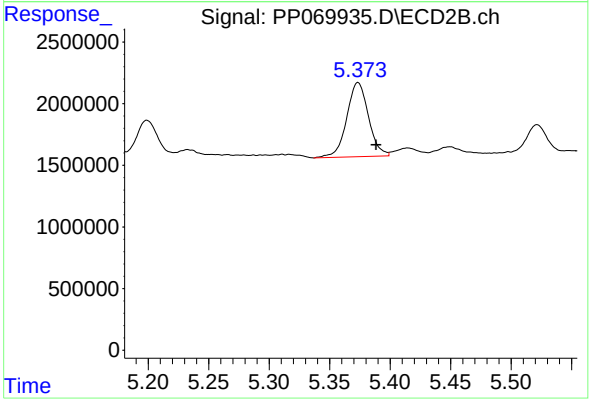
#23 AR-1248-3

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 3433893
Conc: 110.83 ng/ml



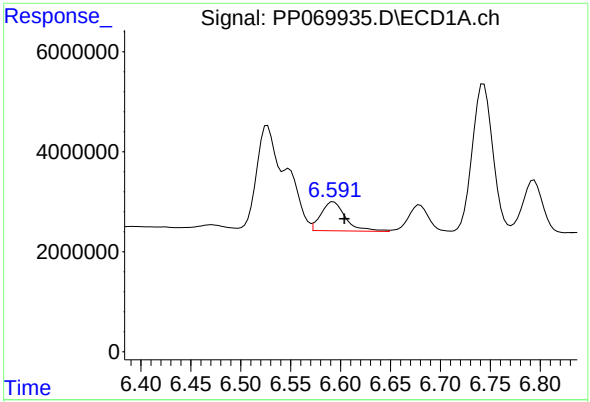
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.016 min
Response: 12999792
Conc: 235.84 ng/ml



#24 AR-1248-4

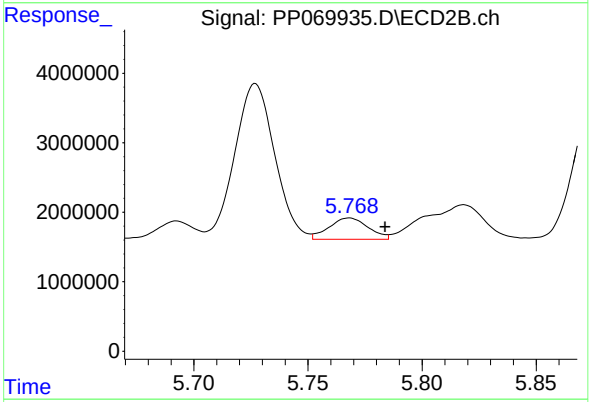
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 7528163
Conc: 203.77 ng/ml



#25 AR-1248-5

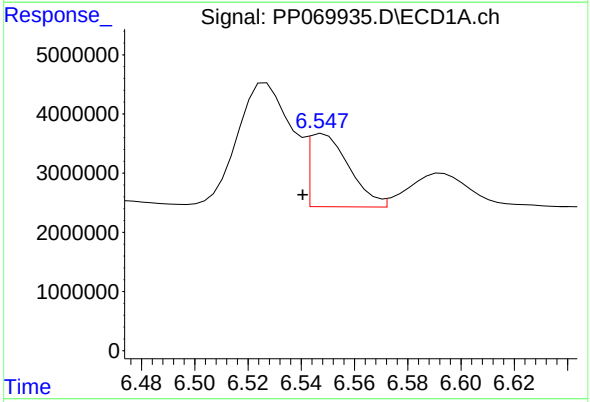
R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 9934605
Conc: 186.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



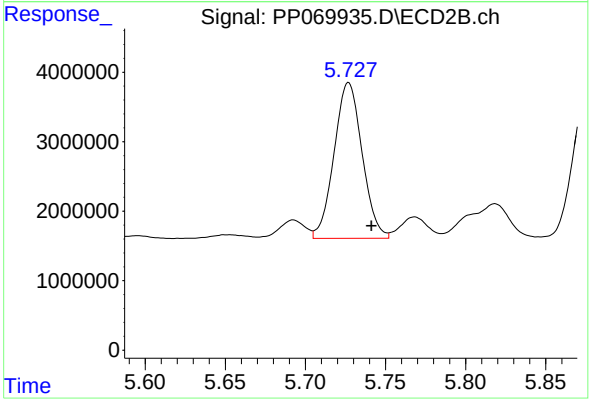
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3688329
Conc: 98.65 ng/ml



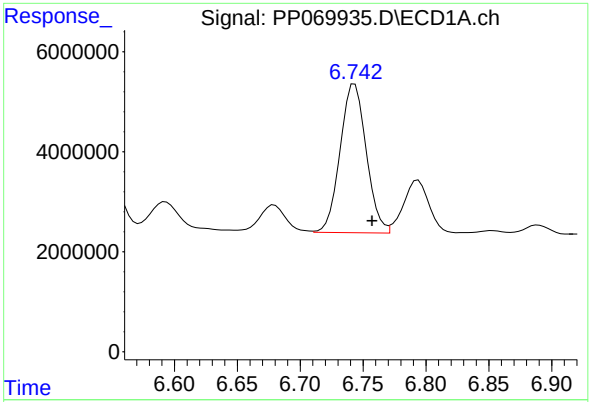
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 12999792
Conc: 224.66 ng/ml



#26 AR-1254-1

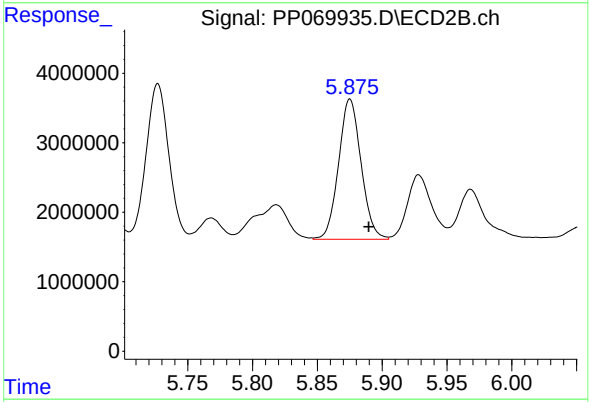
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27353708
Conc: 496.84 ng/ml



#27 AR-1254-2

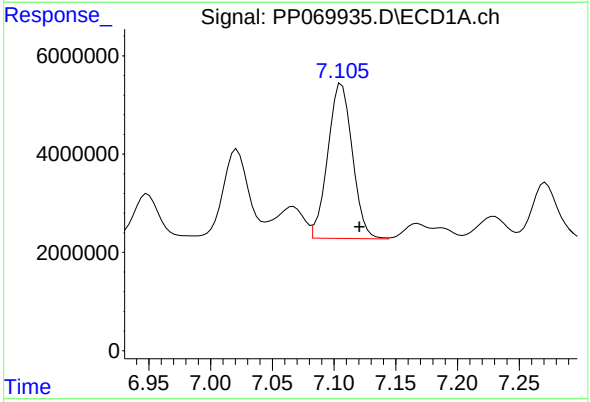
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 43100155
Conc: 537.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



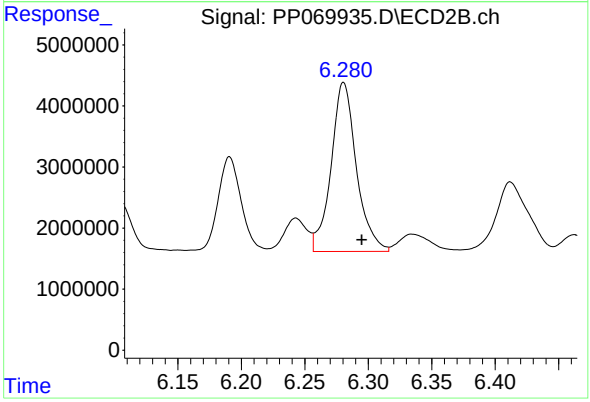
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24389172
Conc: 504.23 ng/ml



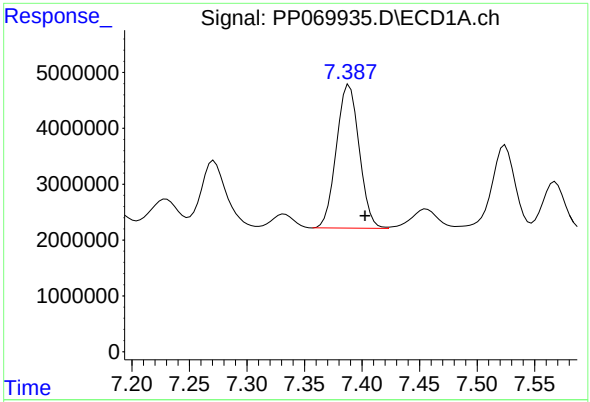
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 43662235
Conc: 518.01 ng/ml



#28 AR-1254-3

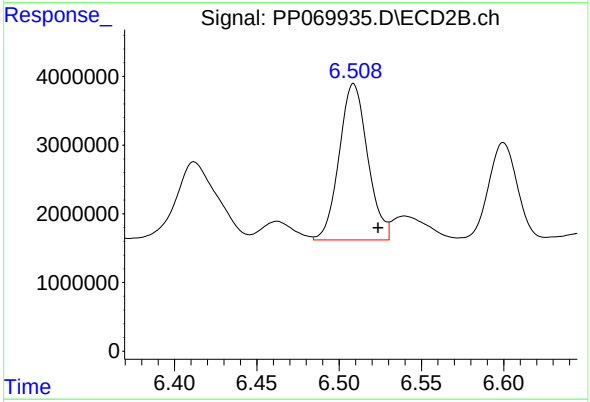
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 38496228
Conc: 507.22 ng/ml



#29 AR-1254-4

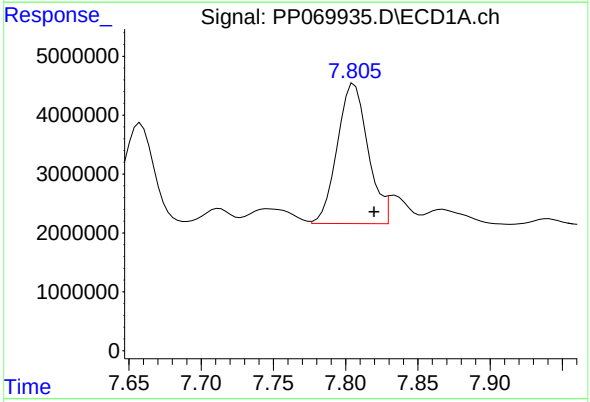
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 35598965
Conc: 522.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



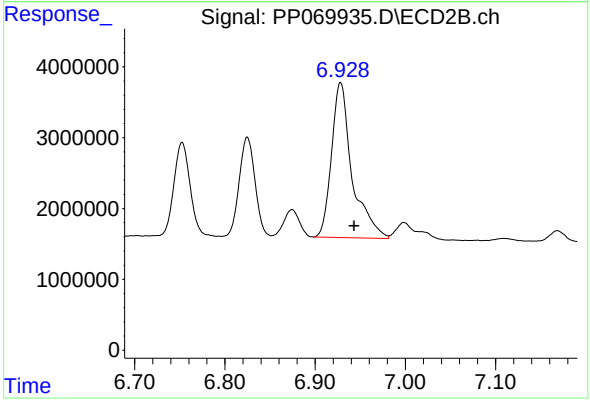
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 27426302
Conc: 535.15 ng/ml



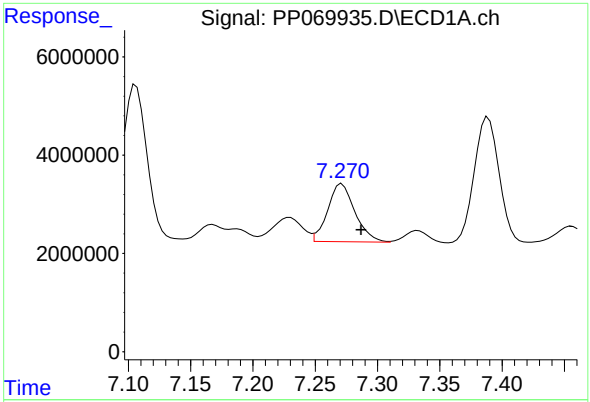
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 35094938
Conc: 515.75 ng/ml



#30 AR-1254-5

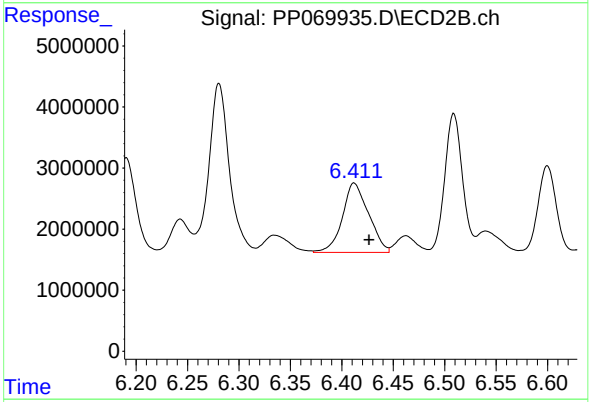
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 34638919
Conc: 520.41 ng/ml



#31 AR-1260-1

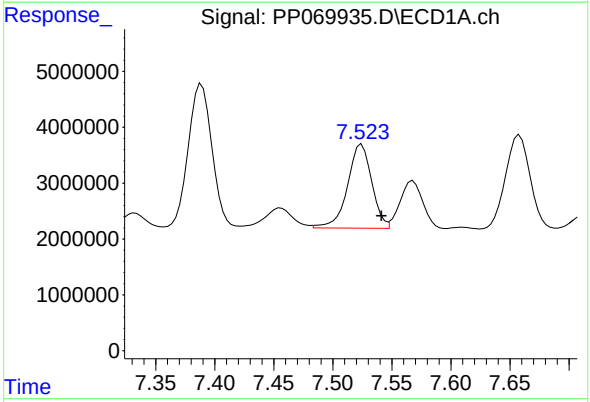
R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 17916440
Conc: 306.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



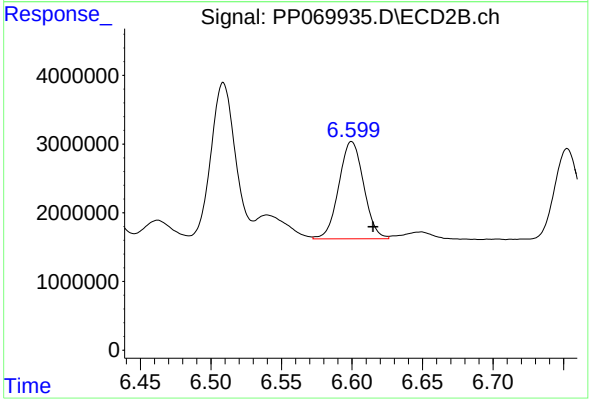
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 20124103
Conc: 417.26 ng/ml



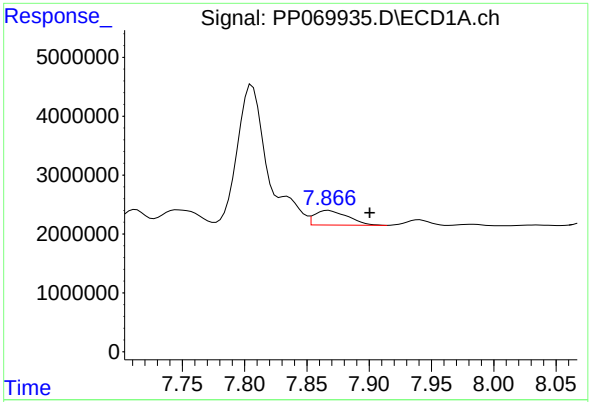
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 21431962
Conc: 275.43 ng/ml



#32 AR-1260-2

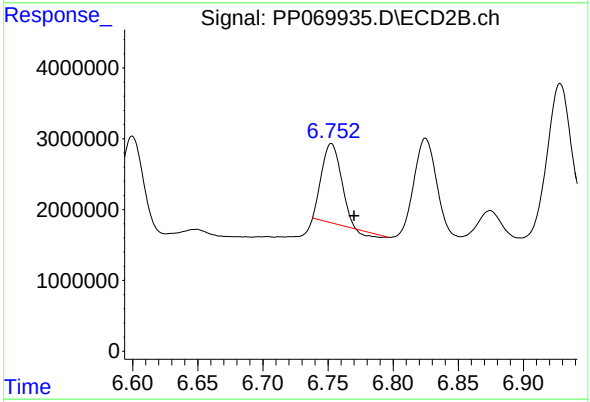
R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 17362007
Conc: 283.21 ng/ml



#33 AR-1260-3

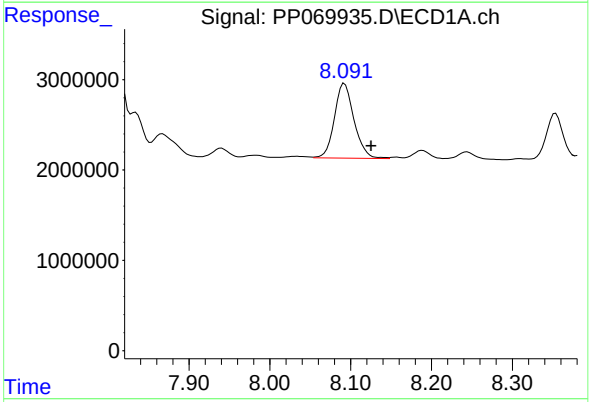
R.T.: 7.867 min
Delta R.T.: -0.033 min
Response: 4588501
Conc: 73.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



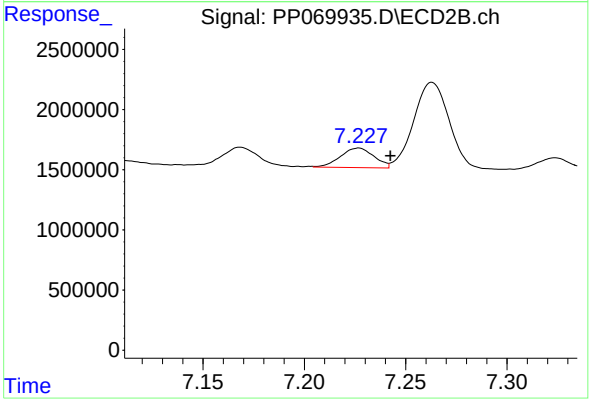
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 11236384
Conc: 186.79 ng/ml



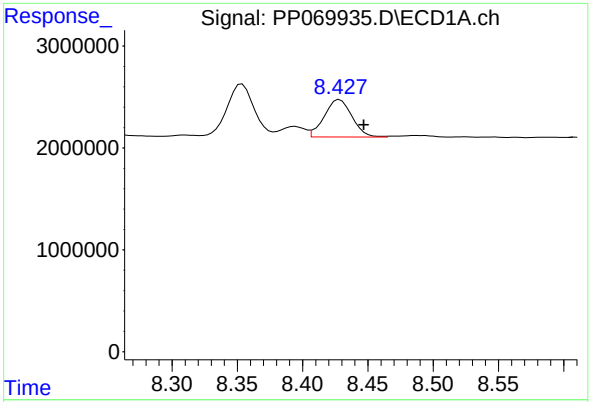
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 13934576
Conc: 211.20 ng/ml



#34 AR-1260-4

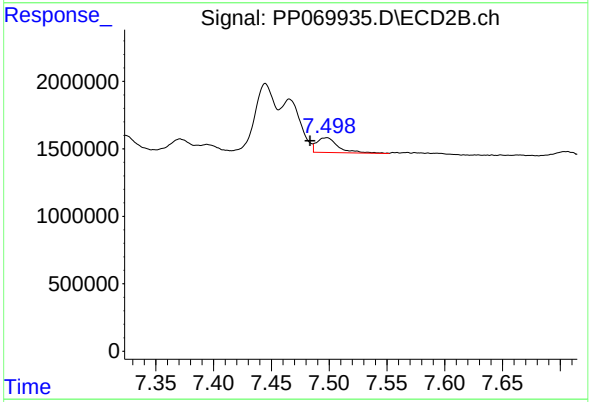
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1878914
Conc: 40.43 ng/ml



#35 AR-1260-5

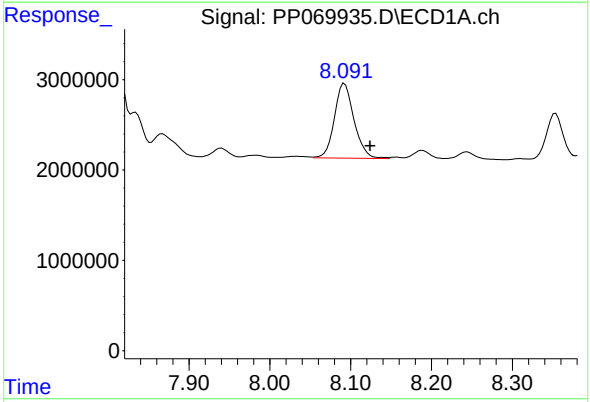
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 5430452
Conc: 41.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



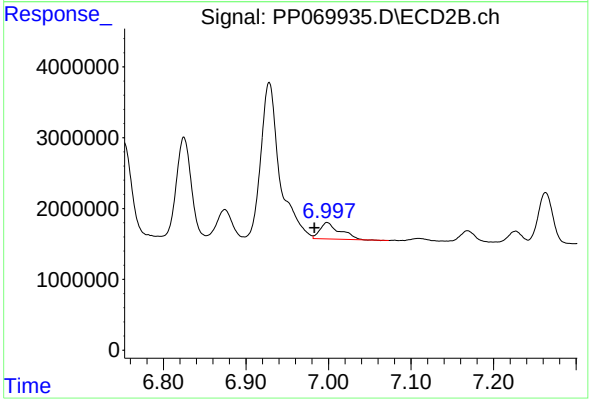
#35 AR-1260-5

R.T.: 7.498 min
Delta R.T.: 0.014 min
Response: 1438268
Conc: 12.94 ng/ml



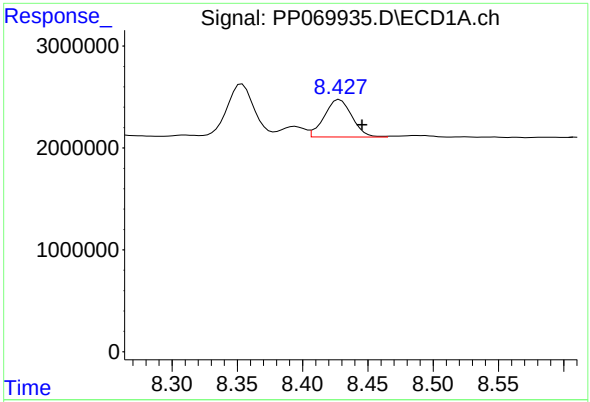
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 13934576
Conc: 176.35 ng/ml



#36 AR-1262-1

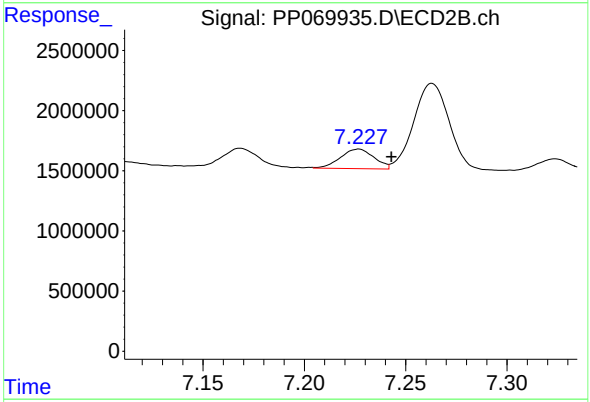
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 3900189
Conc: 54.92 ng/ml



#37 AR-1262-2

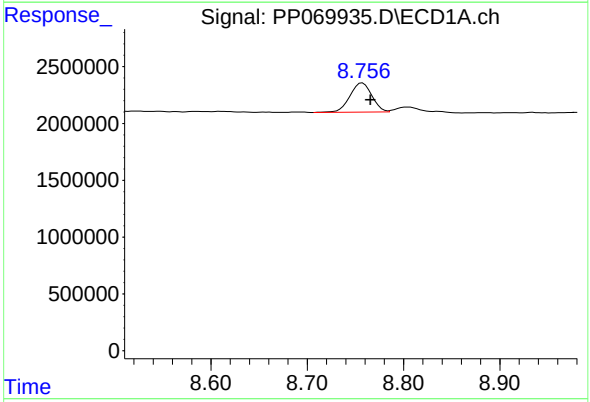
R.T.: 8.428 min
Delta R.T.: -0.017 min
Response: 5430452
Conc: 35.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



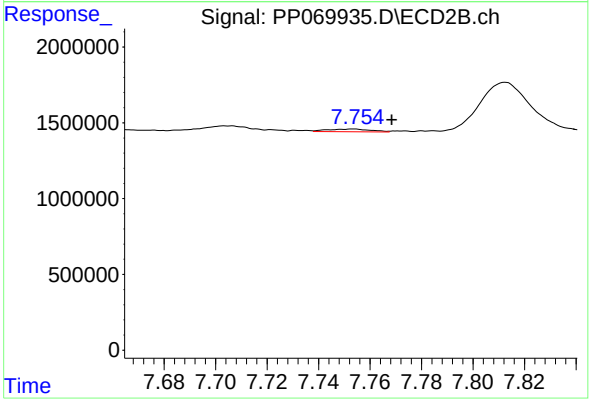
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1878914
Conc: 30.81 ng/ml



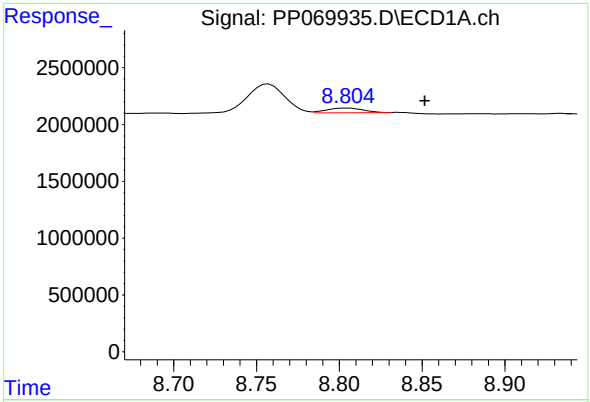
#38 AR-1262-3

R.T.: 8.757 min
Delta R.T.: -0.008 min
Response: 4096396
Conc: 38.54 ng/ml



#38 AR-1262-3

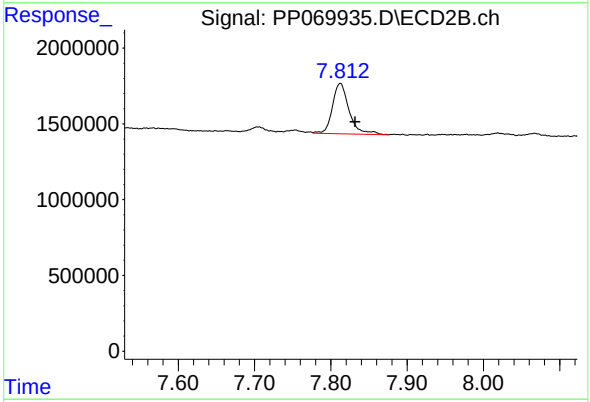
R.T.: 7.753 min
Delta R.T.: -0.015 min
Response: 213828
Conc: 4.09 ng/ml



#39 AR-1262-4

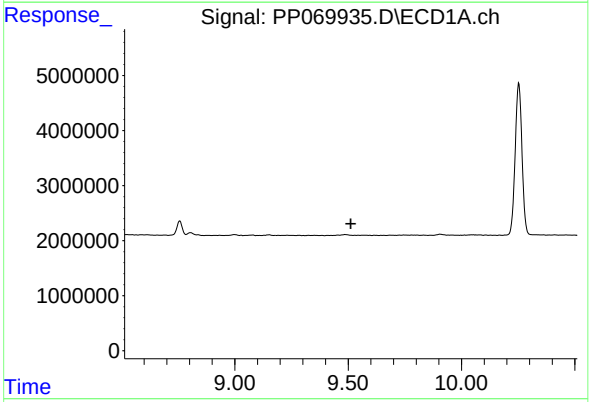
R.T.: 8.805 min
Delta R.T.: -0.047 min
Response: 633398
Conc: 7.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



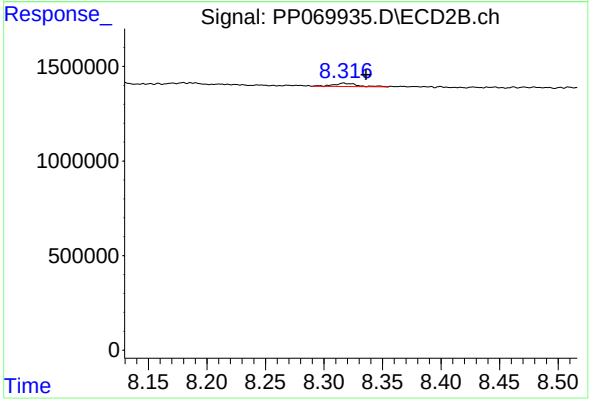
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.020 min
Response: 5031911
Conc: 54.44 ng/ml



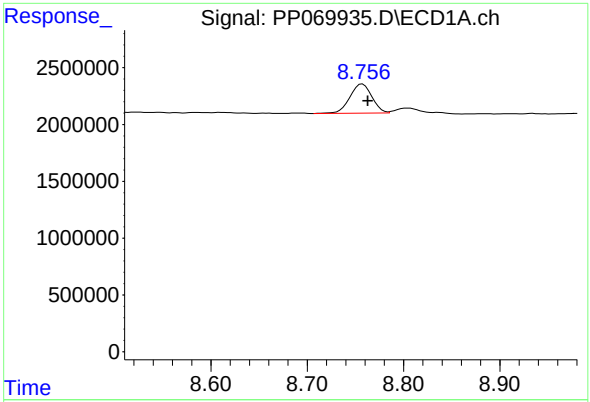
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

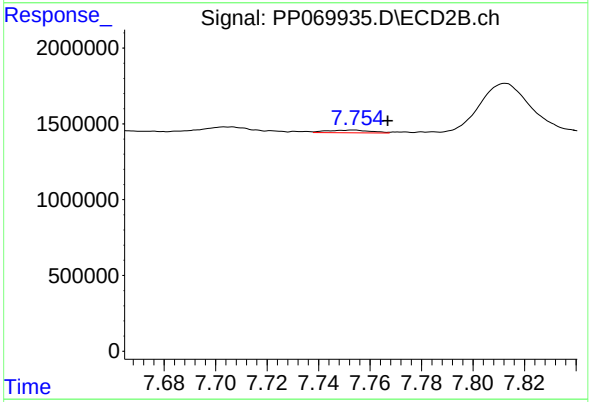
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 251162
Conc: 5.26 ng/ml



#41 AR-1268-1

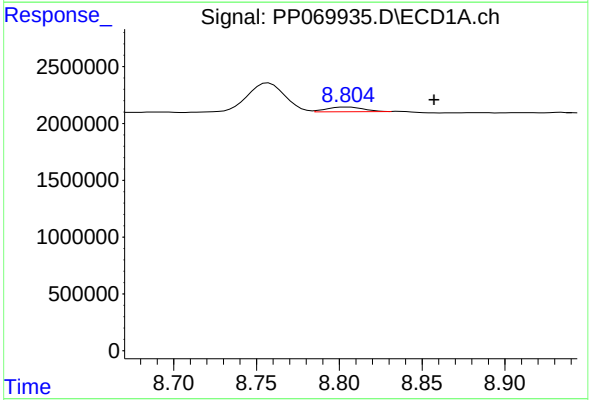
R.T.: 8.757 min
Delta R.T.: -0.006 min
Response: 4096396
Conc: 23.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



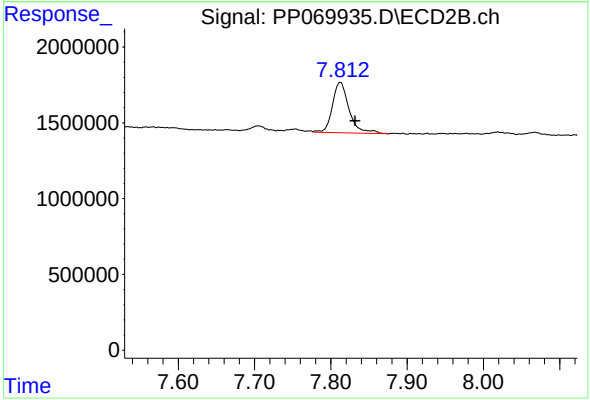
#41 AR-1268-1

R.T.: 7.753 min
Delta R.T.: -0.013 min
Response: 213828
Conc: 1.47 ng/ml



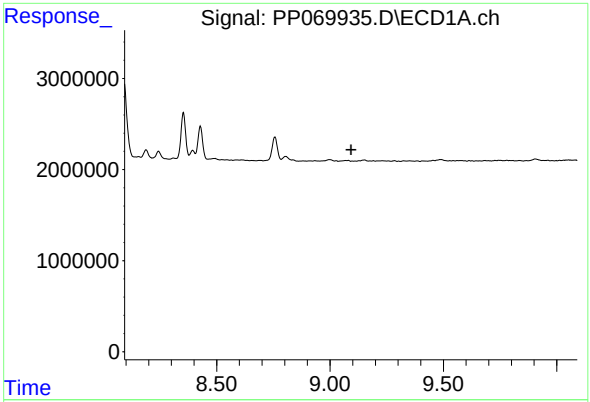
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.052 min
Response: 633398
Conc: 4.02 ng/ml



#42 AR-1268-2

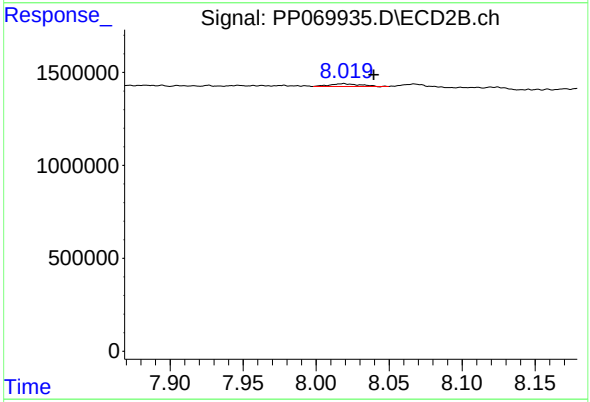
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 5031911
Conc: 37.89 ng/ml



#43 AR-1268-3

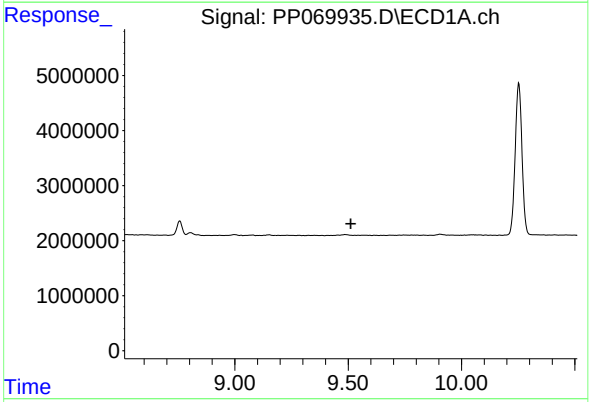
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



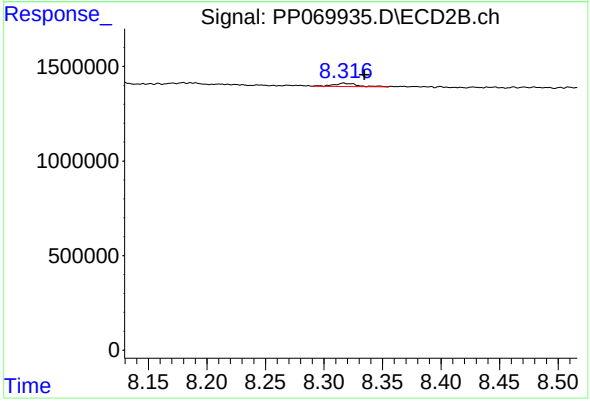
#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.021 min
Response: 209850
Conc: 1.85 ng/ml



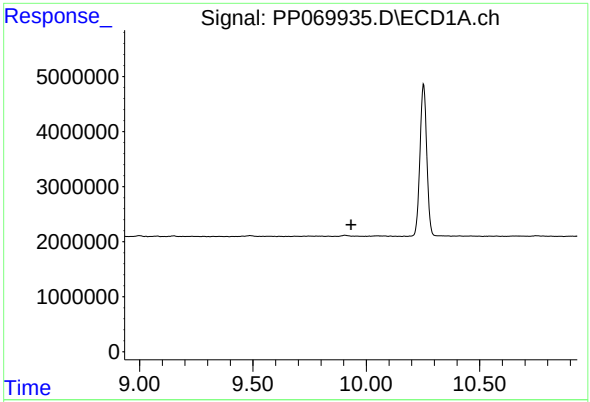
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

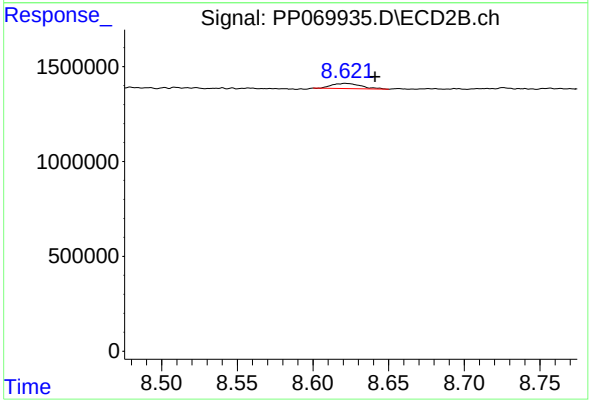
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 251162
Conc: 4.82 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 368486
Conc: 1.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
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: Feb 21 23:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	34997045	18942560	24.448	21.223	
2)	SA Decachlor...	10.253	8.887	26181347	25973403	23.956	23.222	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.935	0	34606	N.D.	1.061	#
4)	L1 AR-1016-2	0.000	4.970	0	163871	N.D.	3.645	#
5)	L1 AR-1016-3	0.000	5.187f	0	1577832	N.D.	63.408	#
6)	L1 AR-1016-4	0.000	5.187	0	1577832	N.D.	78.125	#
7)	L1 AR-1016-5	0.000	5.394	0	4072707	N.D.	151.831	#
8)	L2 AR-1221-1	0.000	4.047	0	136332	N.D.	11.068	#
9)	L2 AR-1221-2	4.827	4.133	494907	461042	36.144	47.612	#
10)	L2 AR-1221-3	0.000	4.233	0	12178	N.D.	0.417	#
11)	L3 AR-1232-1	4.827f	4.233	494907	12178	14.865	0.519	#
12)	L3 AR-1232-2	0.000	4.935	0	34606	N.D.	1.468	#
13)	L3 AR-1232-3	0.000	5.187f	0	1577832	N.D.	121.866	#
14)	L3 AR-1232-4	0.000	5.234	0	1525909	N.D.	137.639	#
15)	L3 AR-1232-5	6.024f	5.394	741630	4072707	64.701	333.546	#
16)	L4 AR-1242-1	0.000	4.935	0	34606	N.D.	1.200	#
17)	L4 AR-1242-2	0.000	4.935	0	34606	N.D.	0.878	#
18)	L4 AR-1242-3	0.000	5.187f	0	1577832	N.D.	70.113	#
19)	L4 AR-1242-4	0.000	5.234	0	1525909	N.D.	70.702	#
20)	L4 AR-1242-5	6.620	5.750	2413219	1471473	74.061	51.149	#
21)	L5 AR-1248-1	0.000	4.935	0	34606	N.D.	1.572	#
22)	L5 AR-1248-2	6.024f	5.187	741630	1577832	17.472	52.481	#
23)	L5 AR-1248-3	0.000	5.234	0	1525909	N.D.	49.248	#
24)	L5 AR-1248-4	6.575	5.394	3401131	4072707	61.703	110.241	#
25)	L5 AR-1248-5	6.620	5.795	2413219	3044957	45.205	81.439	#
26)	L6 AR-1254-1	6.533	5.750	5319406	1471473	91.930	26.727	#
27)	L6 AR-1254-2	6.752	5.875	407175	3098811	5.074	64.066	#
28)	L6 AR-1254-3	7.101	6.286	6026625	6492941	71.500	85.550	
29)	L6 AR-1254-4	7.398	6.532	7228863	584806	106.014	11.411	#
31)	L7 AR-1260-1	7.221f	6.432	11587828	2225394	198.299	46.142	#
32)	L7 AR-1260-2	7.538	6.579f	1864351	3884275	23.959	63.361	#
33)	L7 AR-1260-3	7.902	6.756	813122	642408	13.006	10.679	
34)	L7 AR-1260-4	0.000	7.308f	0	279936	N.D.	6.024	#
35)	L7 AR-1260-5	0.000	7.525f	0	188023	N.D.	1.692	#
37)	L8 AR-1262-2	0.000	7.308f	0	279936	N.D.	4.591	#
38)	L8 AR-1262-3	0.000	7.771	0	1037197	N.D.	19.832	#
39)	L8 AR-1262-4	0.000	7.852	0	313808	N.D.	3.395	#
41)	L9 AR-1268-1	0.000	7.771	0	1037197	N.D.	7.147	#
42)	L9 AR-1268-2	0.000	7.852	0	313808	N.D.	2.363	#
43)	L9 AR-1268-3	0.000	8.025	0	418741	N.D.	3.682	#
45)	L9 AR-1268-5	0.000	8.621	0	240788	N.D.	0.676	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
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: Feb 21 23:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

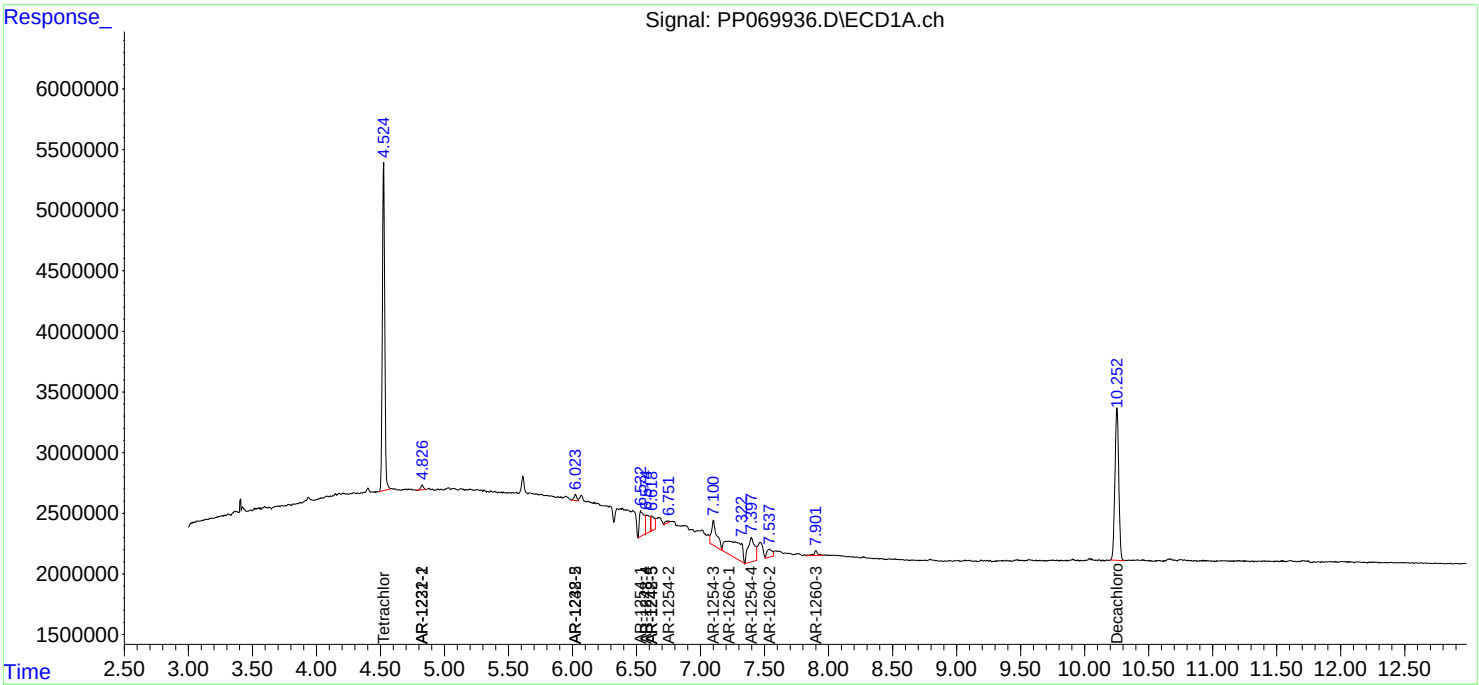
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

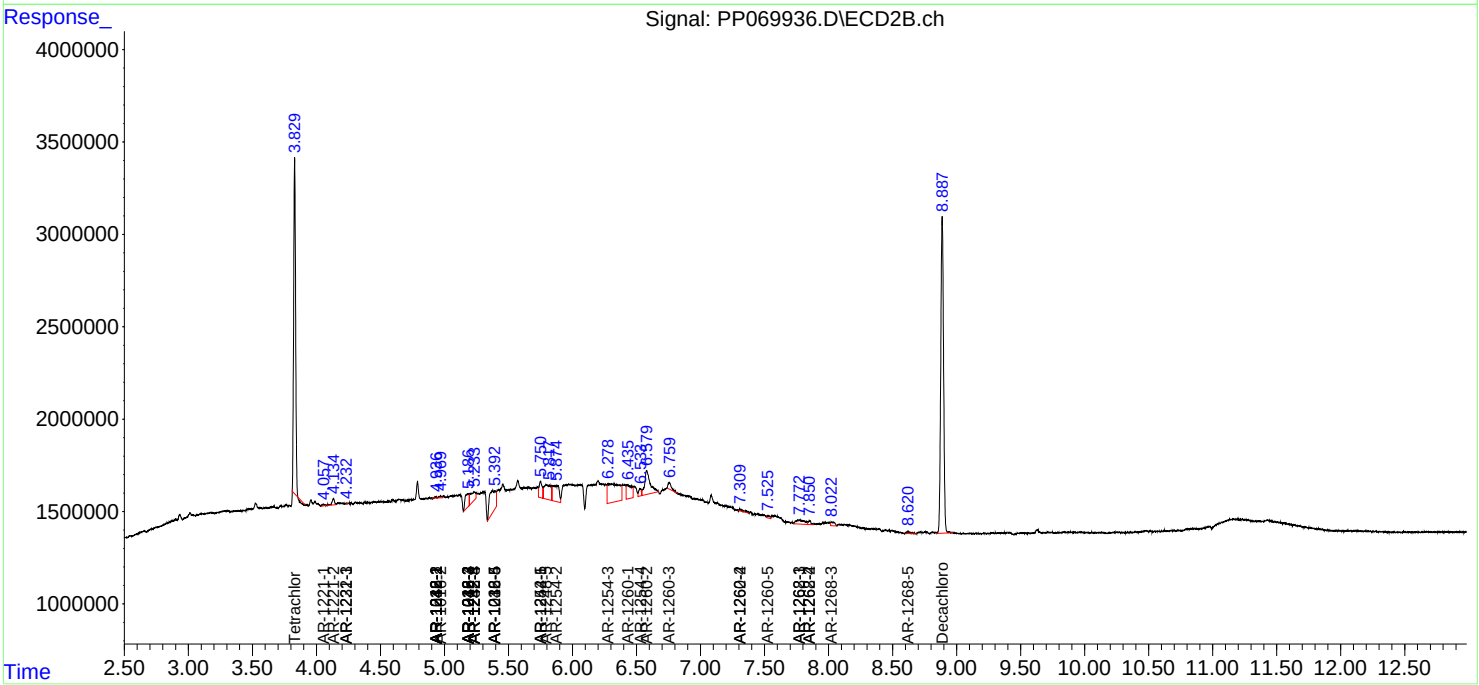
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

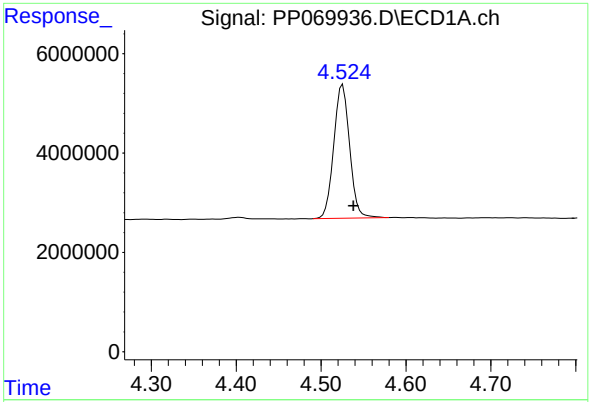
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



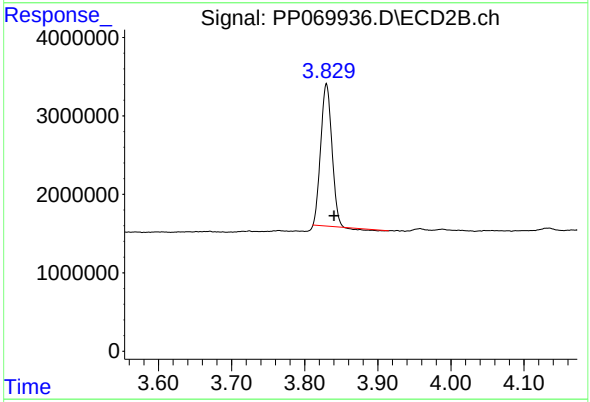




#1 Tetrachloro-m-xylene

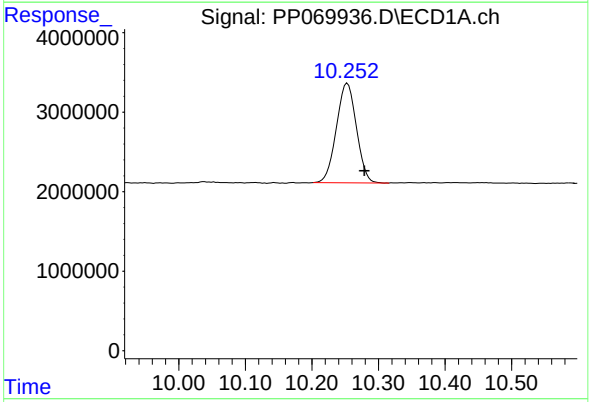
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 34997045
Conc: 24.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



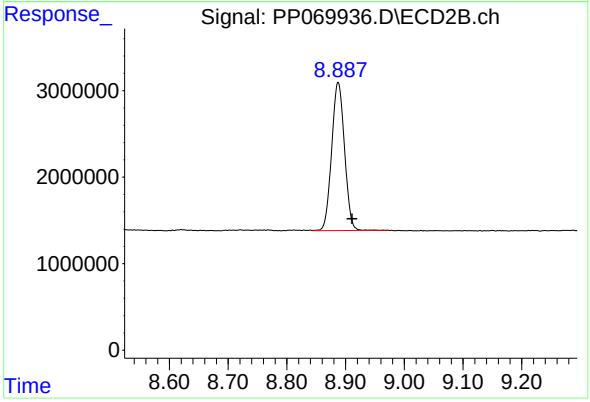
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 18942560
Conc: 21.22 ng/ml



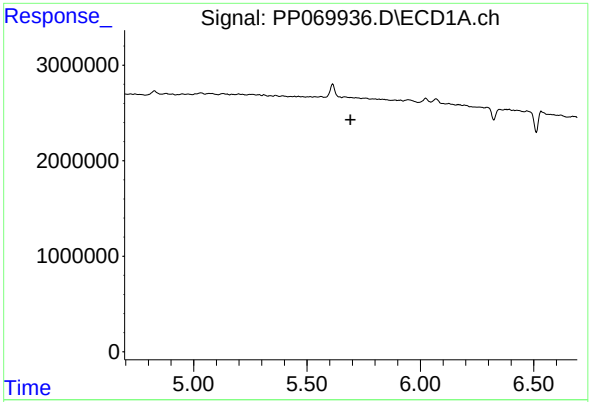
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 26181347
Conc: 23.96 ng/ml



#2 Decachlorobiphenyl

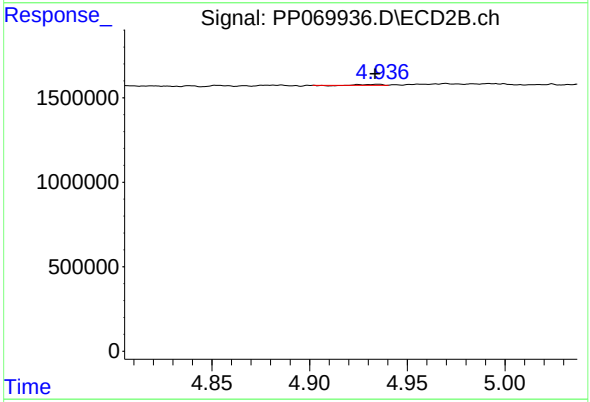
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25973403
Conc: 23.22 ng/ml



#3 AR-1016-1

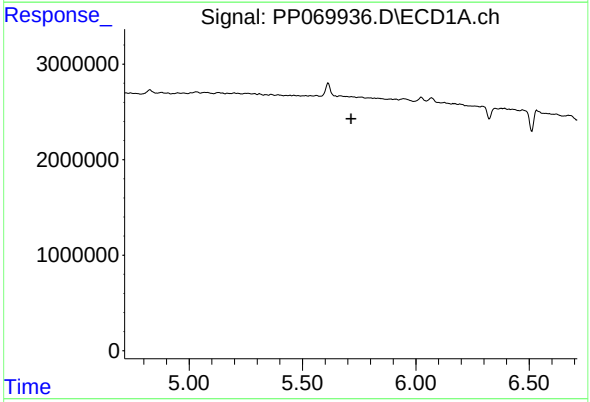
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



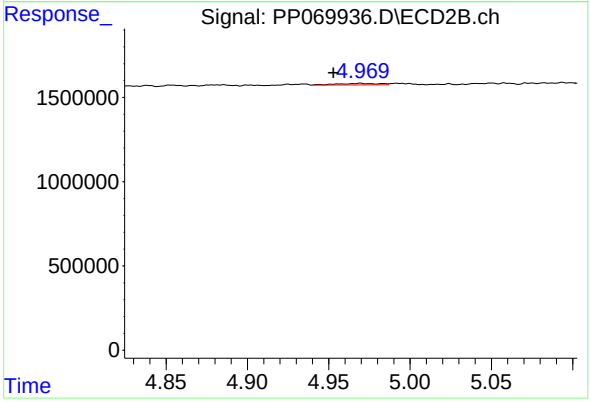
#3 AR-1016-1

R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 34606
Conc: 1.06 ng/ml



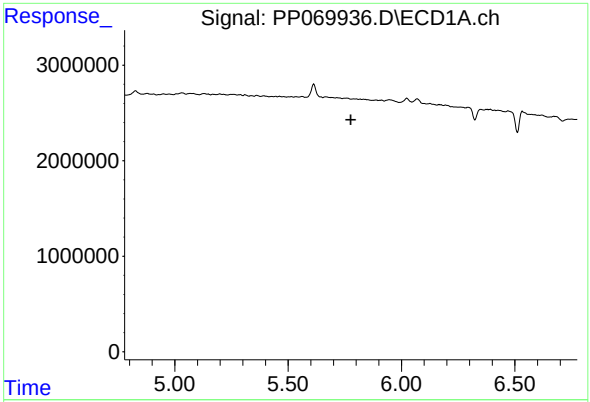
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

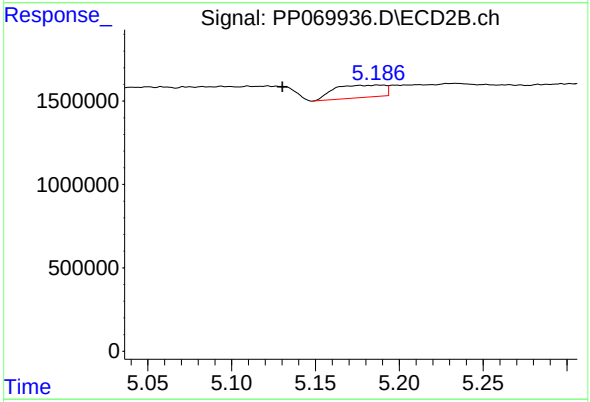
R.T.: 4.970 min
Delta R.T.: 0.017 min
Response: 163871
Conc: 3.64 ng/ml



#5 AR-1016-3

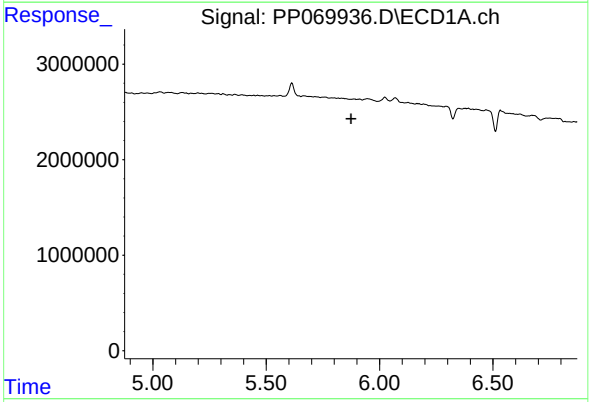
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



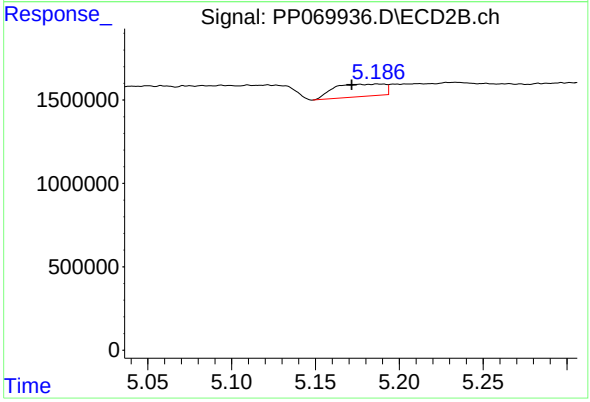
#5 AR-1016-3

R.T.: 5.187 min
Delta R.T.: 0.057 min
Response: 1577832
Conc: 63.41 ng/ml



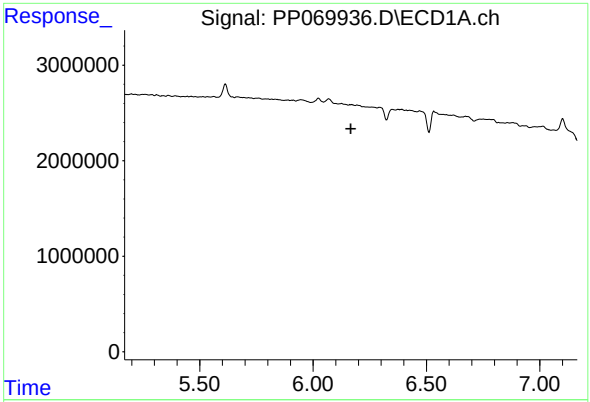
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

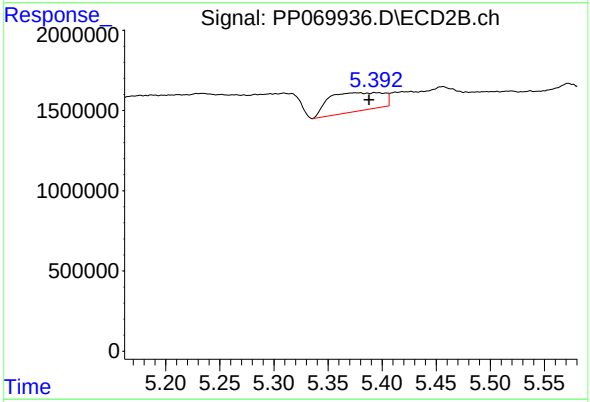
R.T.: 5.187 min
Delta R.T.: 0.016 min
Response: 1577832
Conc: 78.12 ng/ml



#7 AR-1016-5

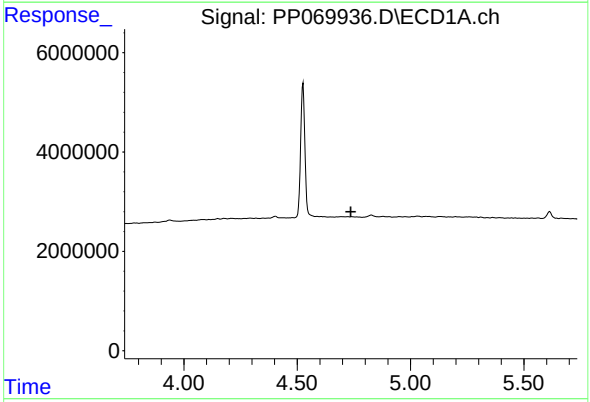
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



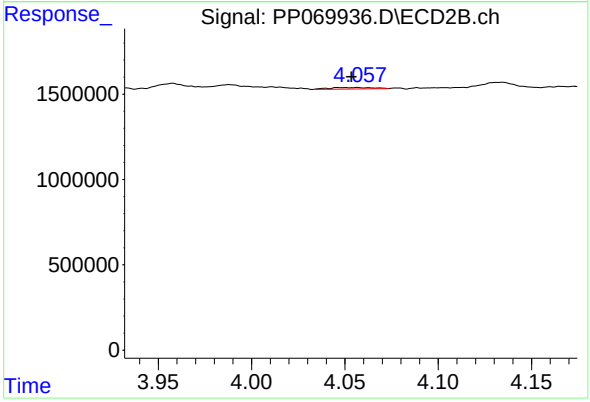
#7 AR-1016-5

R.T.: 5.394 min
Delta R.T.: 0.006 min
Response: 4072707
Conc: 151.83 ng/ml



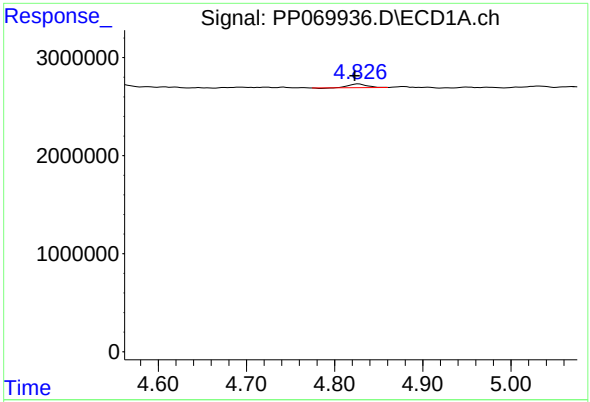
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

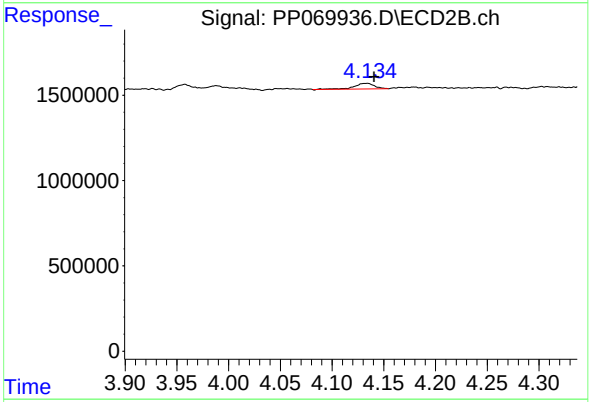
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 136332
Conc: 11.07 ng/ml



#9 AR-1221-2

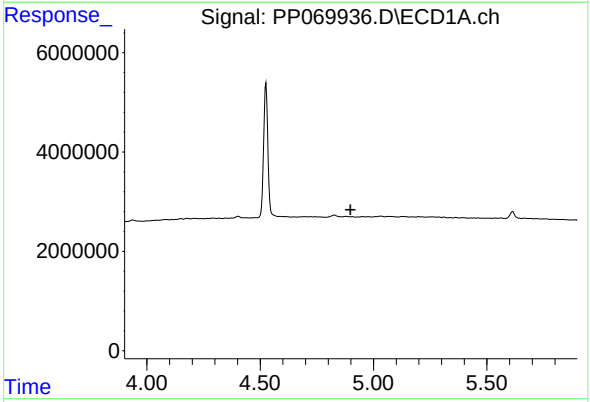
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 494907
Conc: 36.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



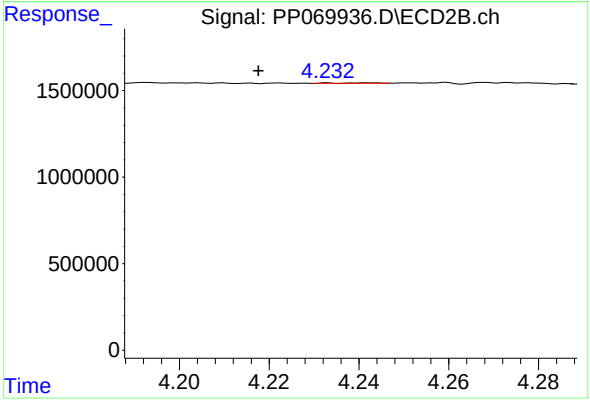
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 461042
Conc: 47.61 ng/ml



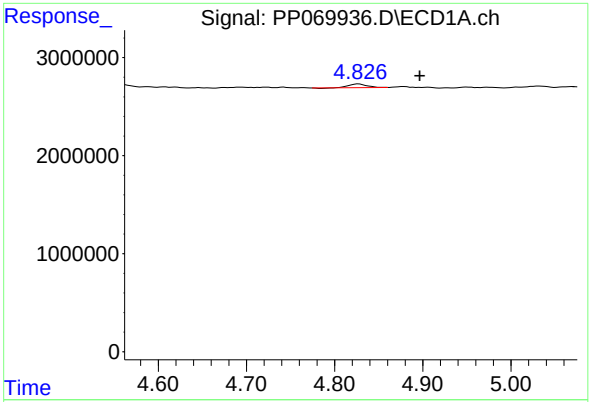
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

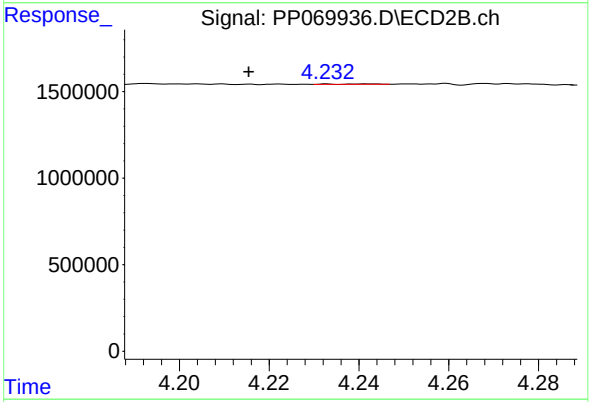
R.T.: 4.233 min
Delta R.T.: 0.015 min
Response: 12178
Conc: 0.42 ng/ml



#11 AR-1232-1

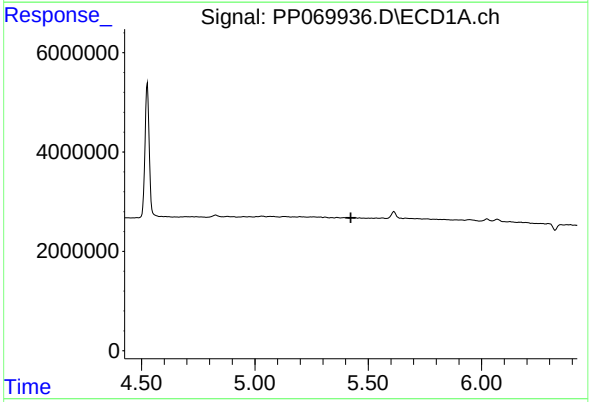
R.T.: 4.827 min
Delta R.T.: -0.069 min
Response: 494907
Conc: 14.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



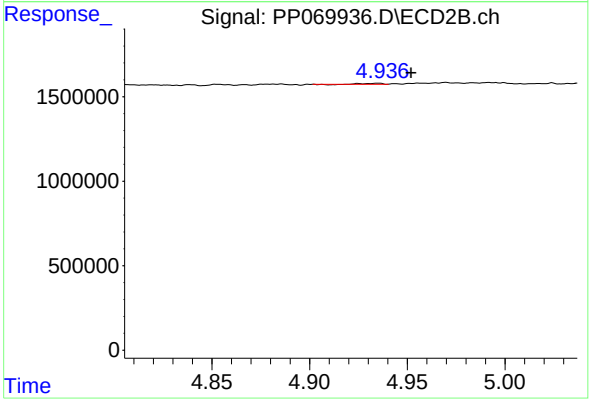
#11 AR-1232-1

R.T.: 4.233 min
Delta R.T.: 0.017 min
Response: 12178
Conc: 0.52 ng/ml



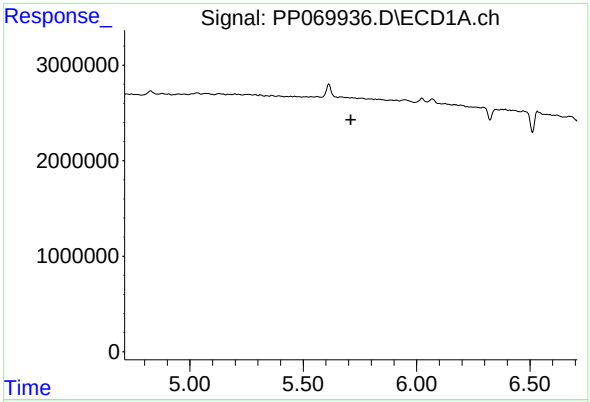
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

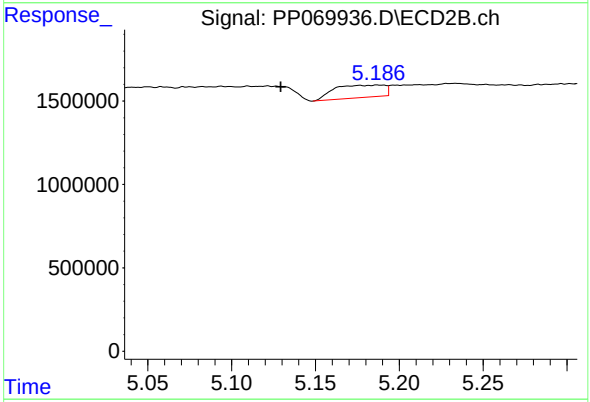
R.T.: 4.935 min
Delta R.T.: -0.017 min
Response: 34606
Conc: 1.47 ng/ml



#13 AR-1232-3

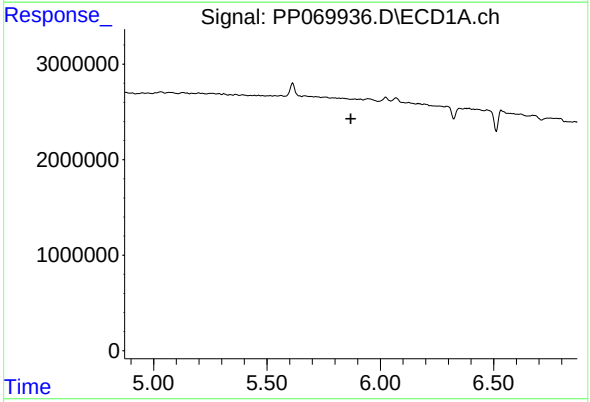
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



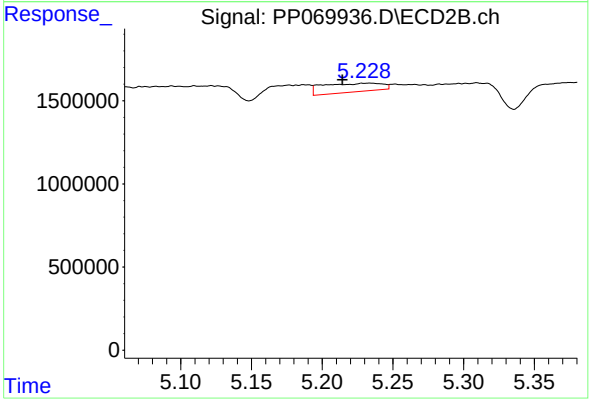
#13 AR-1232-3

R.T.: 5.187 min
Delta R.T.: 0.058 min
Response: 1577832
Conc: 121.87 ng/ml



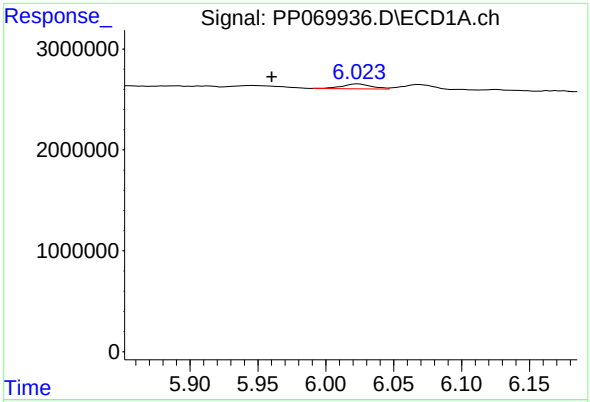
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

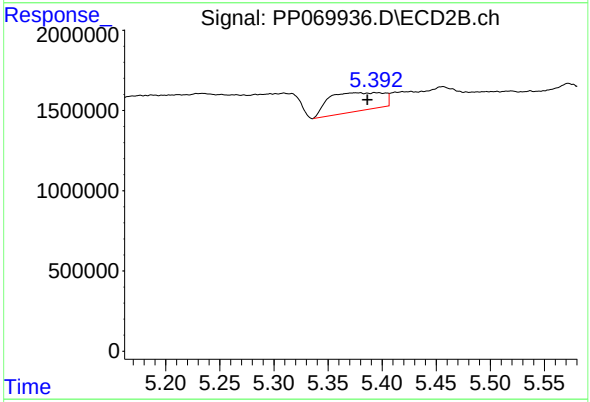
R.T.: 5.234 min
Delta R.T.: 0.020 min
Response: 1525909
Conc: 137.64 ng/ml



#15 AR-1232-5

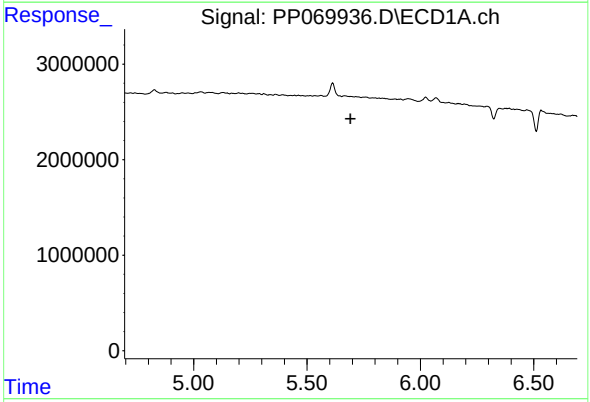
R.T.: 6.024 min
Delta R.T.: 0.064 min
Response: 741630
Conc: 64.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



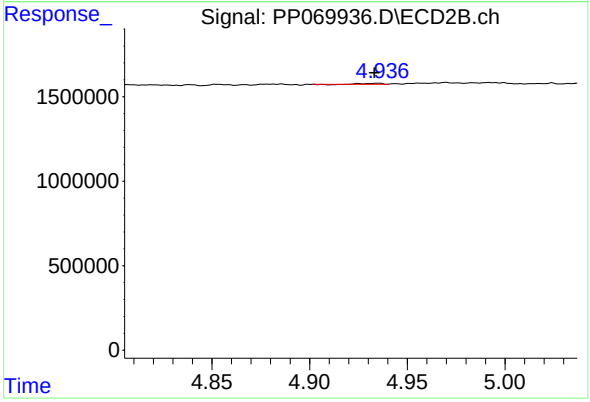
#15 AR-1232-5

R.T.: 5.394 min
Delta R.T.: 0.007 min
Response: 4072707
Conc: 333.55 ng/ml



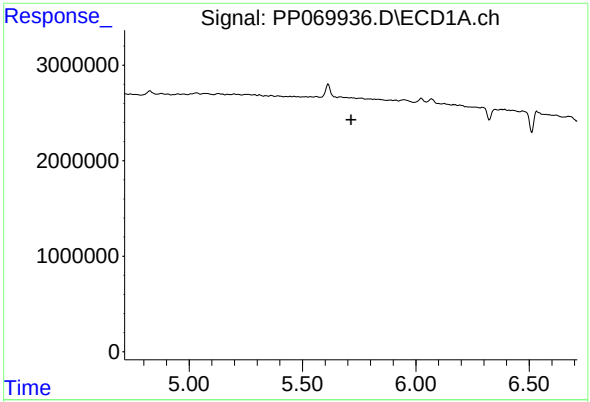
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

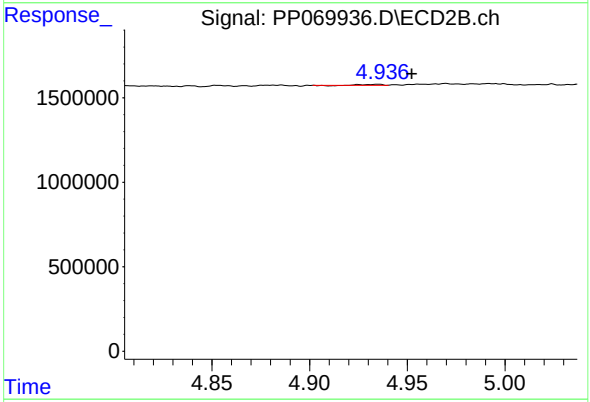
R.T.: 4.935 min
Delta R.T.: 0.002 min
Response: 34606
Conc: 1.20 ng/ml



#17 AR-1242-2

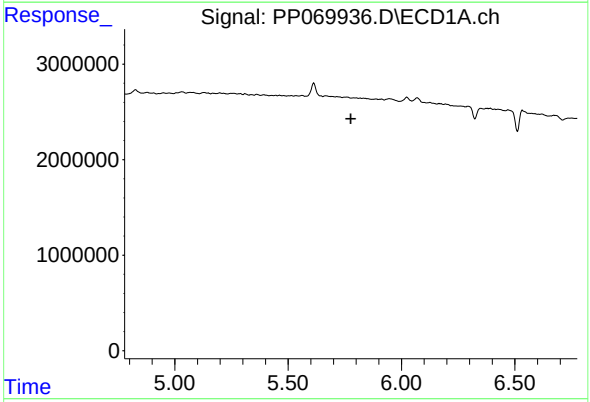
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



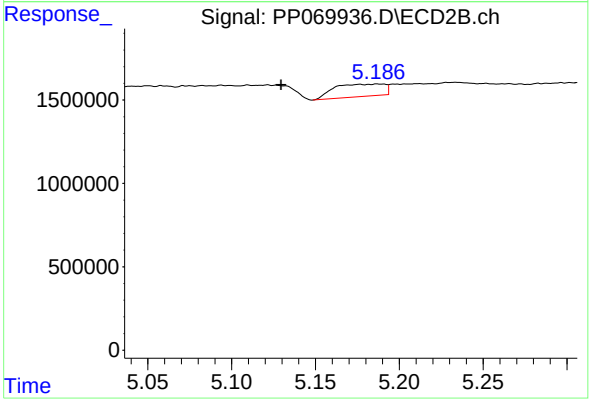
#17 AR-1242-2

R.T.: 4.935 min
Delta R.T.: -0.017 min
Response: 34606
Conc: 0.88 ng/ml



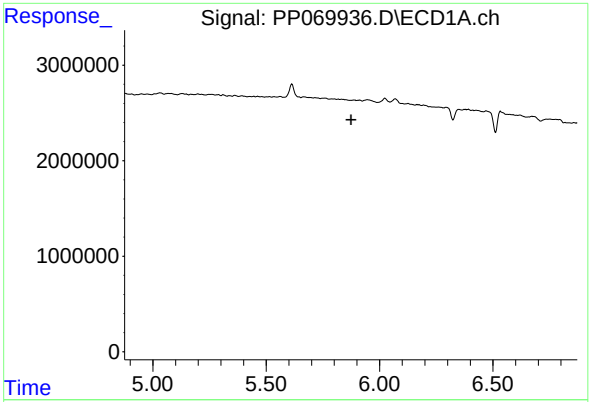
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

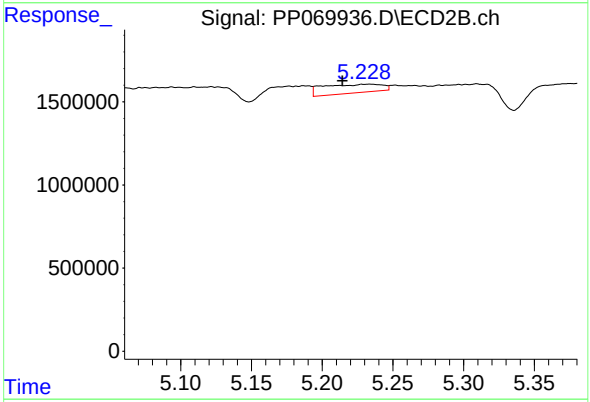
R.T.: 5.187 min
Delta R.T.: 0.058 min
Response: 1577832
Conc: 70.11 ng/ml



#19 AR-1242-4

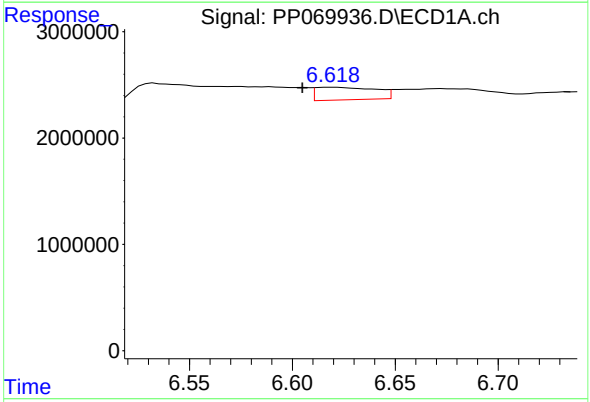
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



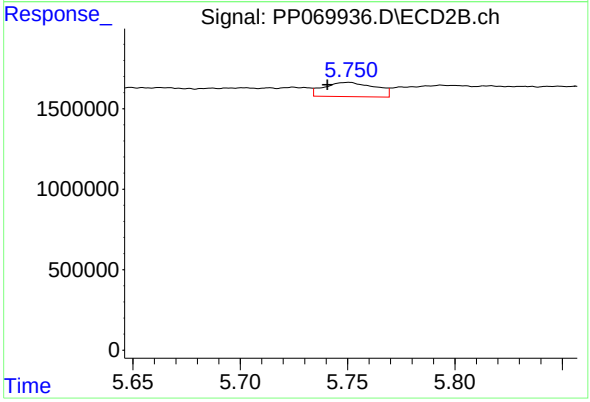
#19 AR-1242-4

R.T.: 5.234 min
Delta R.T.: 0.020 min
Response: 1525909
Conc: 70.70 ng/ml



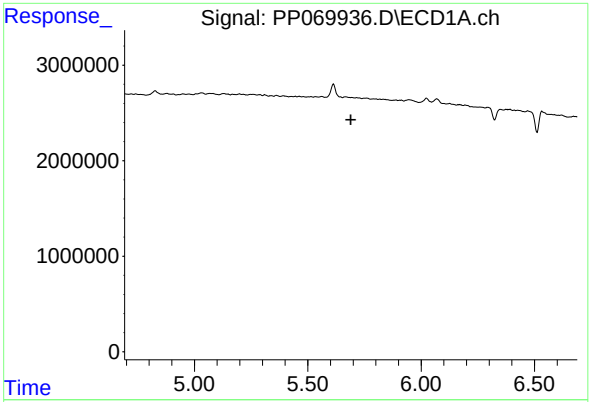
#20 AR-1242-5

R.T.: 6.620 min
Delta R.T.: 0.015 min
Response: 2413219
Conc: 74.06 ng/ml



#20 AR-1242-5

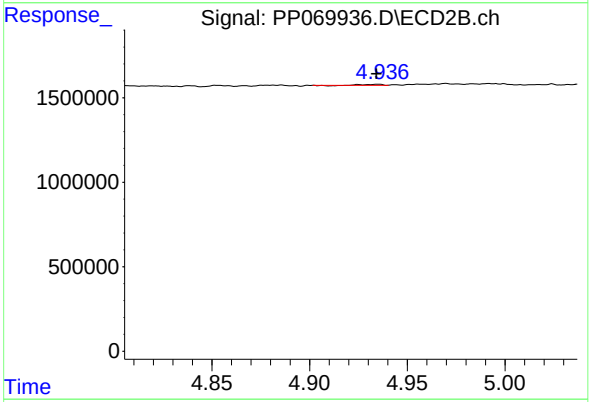
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1471473
Conc: 51.15 ng/ml



#21 AR-1248-1

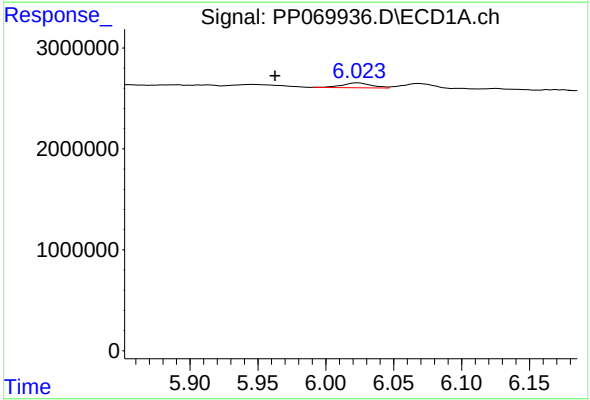
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



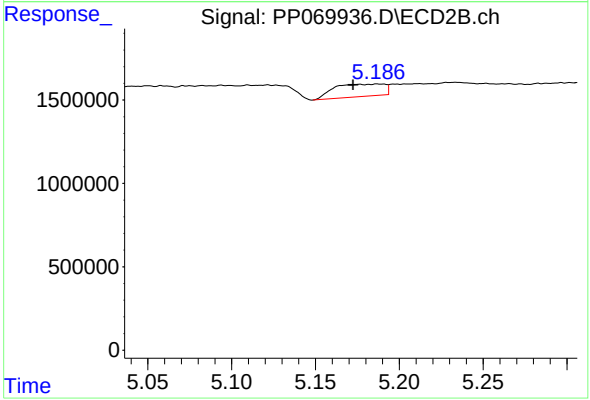
#21 AR-1248-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 34606
Conc: 1.57 ng/ml



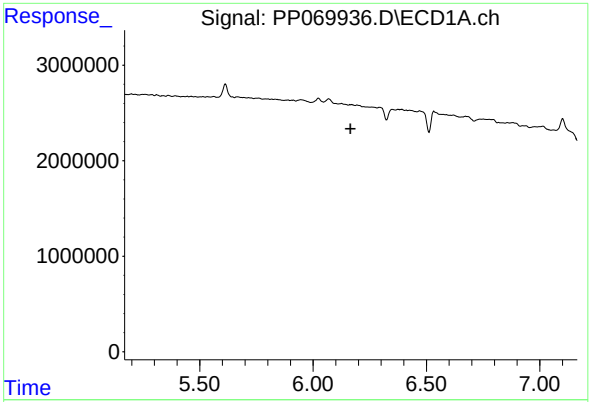
#22 AR-1248-2

R.T.: 6.024 min
Delta R.T.: 0.061 min
Response: 741630
Conc: 17.47 ng/ml



#22 AR-1248-2

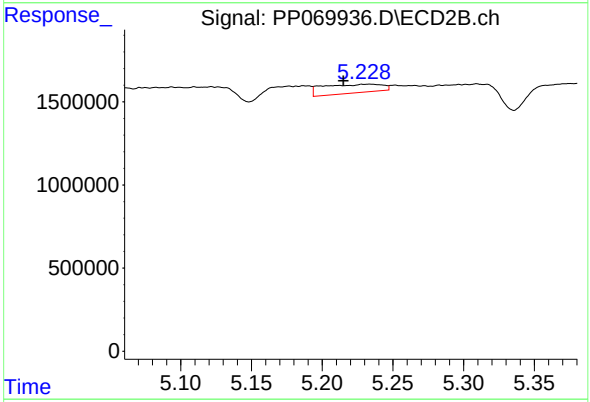
R.T.: 5.187 min
Delta R.T.: 0.015 min
Response: 1577832
Conc: 52.48 ng/ml



#23 AR-1248-3

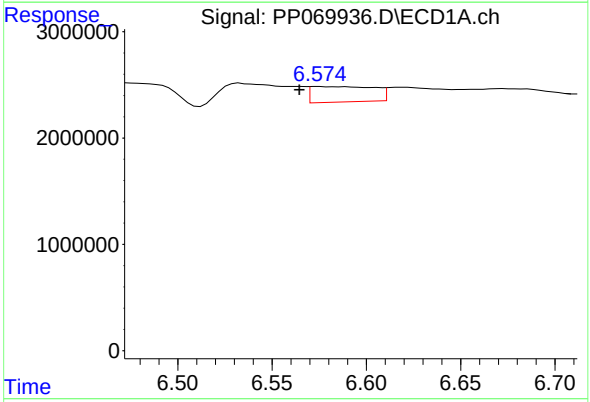
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



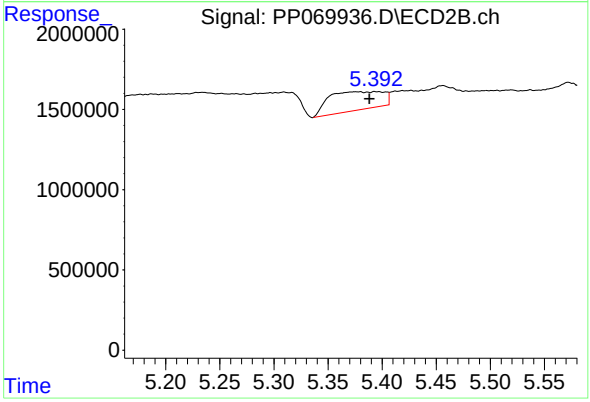
#23 AR-1248-3

R.T.: 5.234 min
Delta R.T.: 0.019 min
Response: 1525909
Conc: 49.25 ng/ml



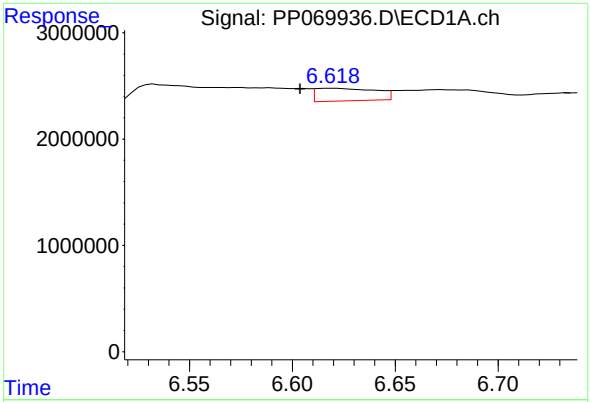
#24 AR-1248-4

R.T.: 6.575 min
Delta R.T.: 0.010 min
Response: 3401131
Conc: 61.70 ng/ml



#24 AR-1248-4

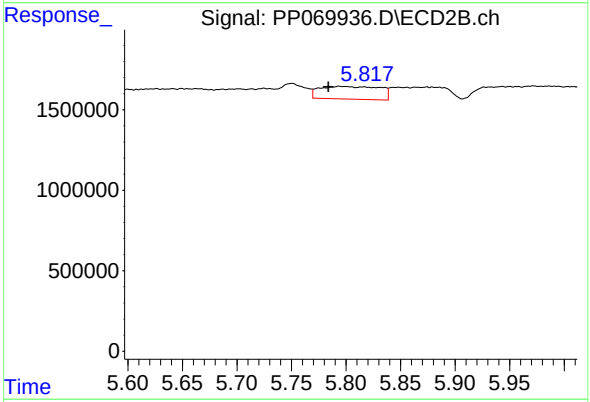
R.T.: 5.394 min
Delta R.T.: 0.005 min
Response: 4072707
Conc: 110.24 ng/ml



#25 AR-1248-5

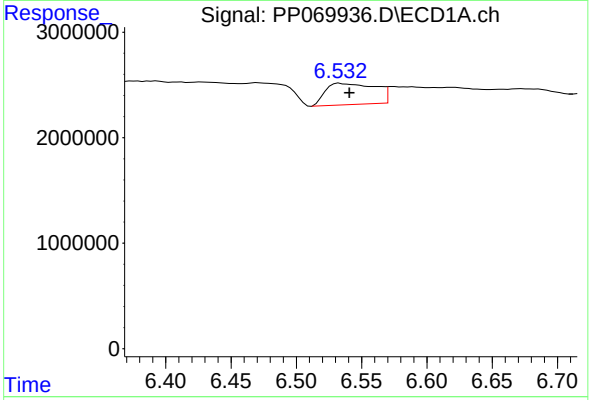
R.T.: 6.620 min
Delta R.T.: 0.016 min
Response: 2413219
Conc: 45.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



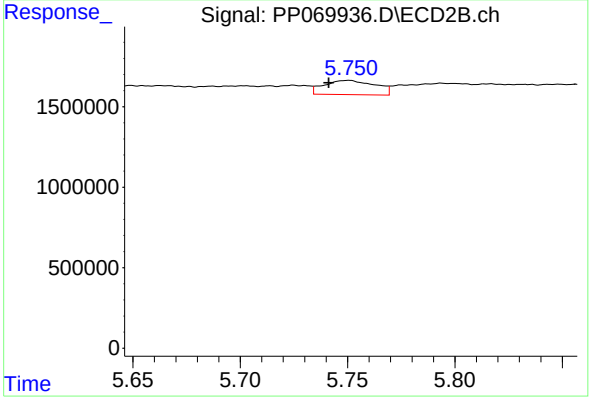
#25 AR-1248-5

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3044957
Conc: 81.44 ng/ml



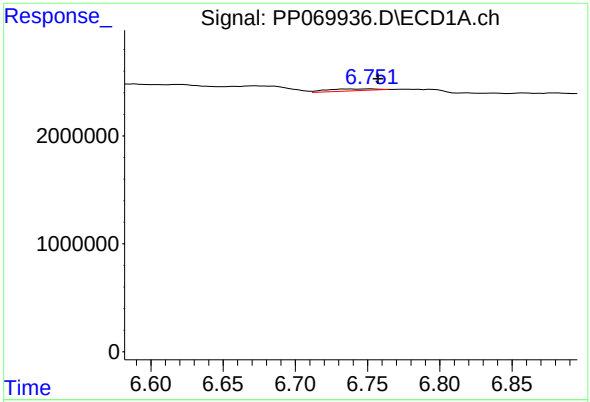
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: -0.007 min
Response: 5319406
Conc: 91.93 ng/ml



#26 AR-1254-1

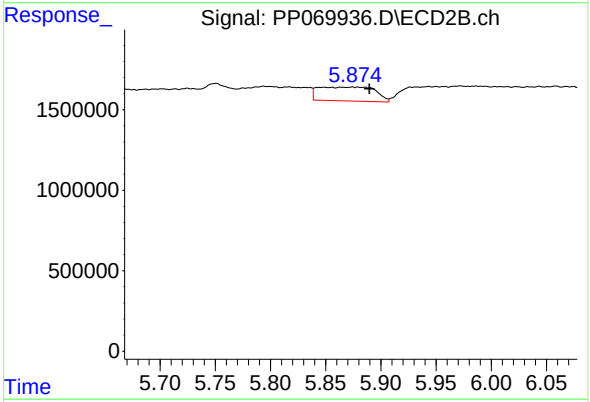
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1471473
Conc: 26.73 ng/ml



#27 AR-1254-2

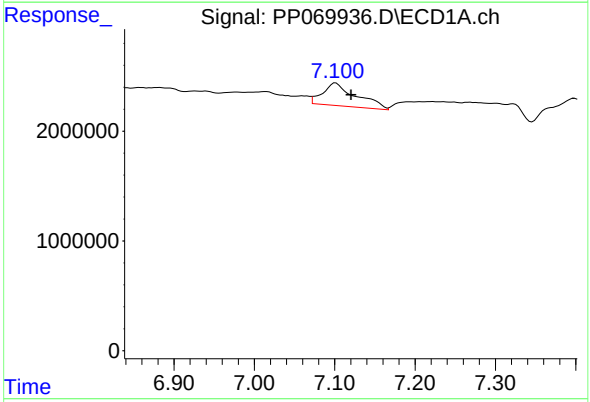
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 407175
Conc: 5.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



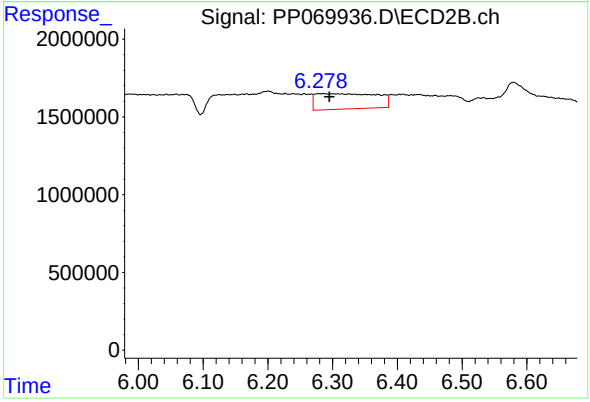
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 3098811
Conc: 64.07 ng/ml



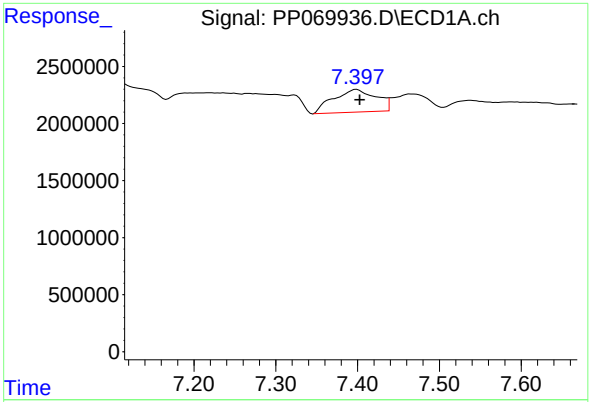
#28 AR-1254-3

R.T.: 7.101 min
Delta R.T.: -0.019 min
Response: 6026625
Conc: 71.50 ng/ml



#28 AR-1254-3

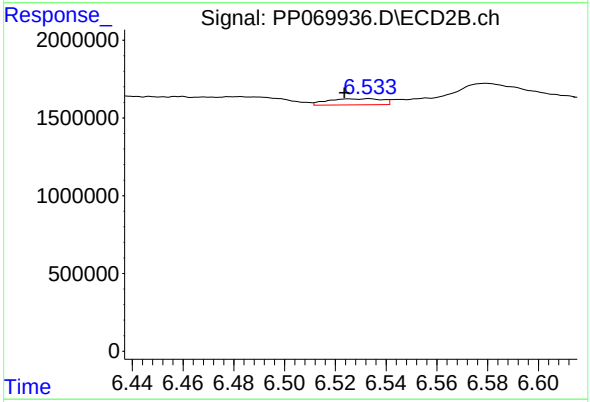
R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 6492941
Conc: 85.55 ng/ml



#29 AR-1254-4

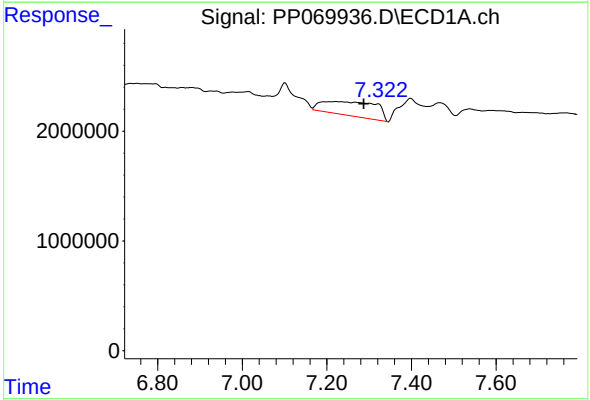
R.T.: 7.398 min
Delta R.T.: -0.004 min
Response: 7228863
Conc: 106.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



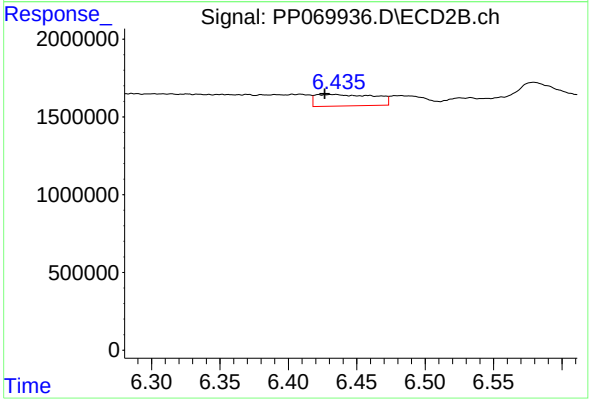
#29 AR-1254-4

R.T.: 6.532 min
Delta R.T.: 0.008 min
Response: 584806
Conc: 11.41 ng/ml



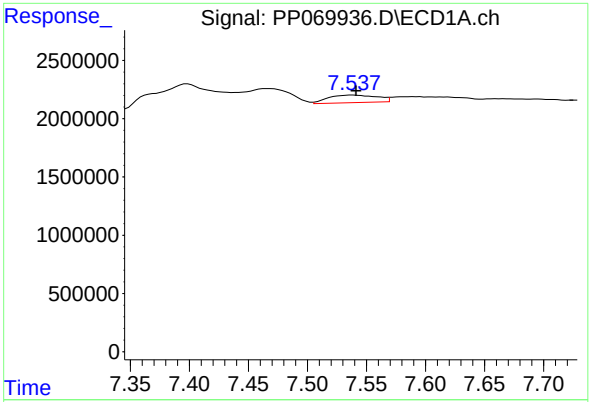
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: -0.066 min
Response: 11587828
Conc: 198.30 ng/ml



#31 AR-1260-1

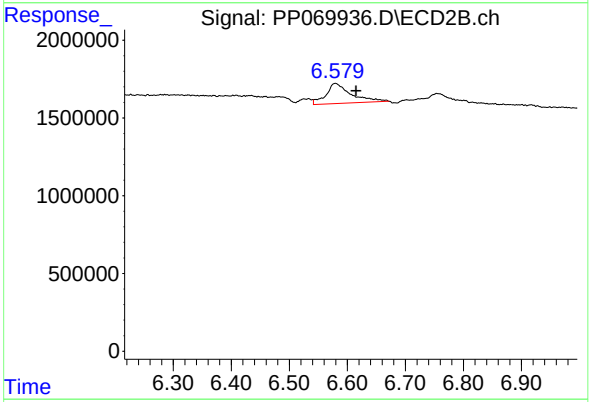
R.T.: 6.432 min
Delta R.T.: 0.006 min
Response: 2225394
Conc: 46.14 ng/ml



#32 AR-1260-2

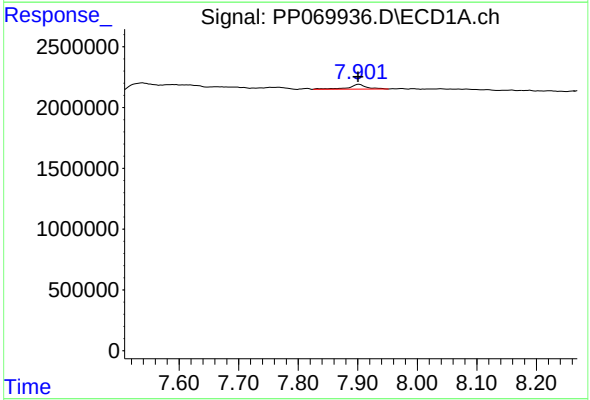
R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 1864351
Conc: 23.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



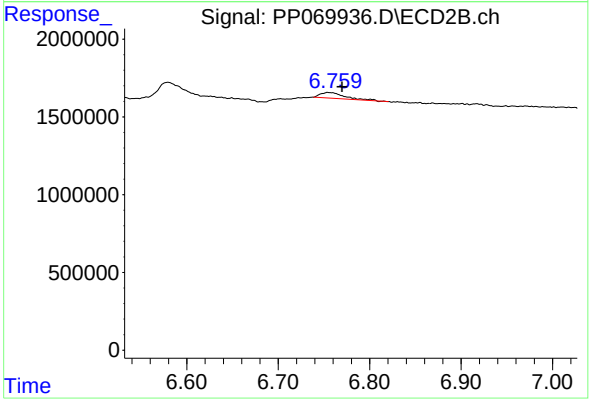
#32 AR-1260-2

R.T.: 6.579 min
Delta R.T.: -0.036 min
Response: 3884275
Conc: 63.36 ng/ml



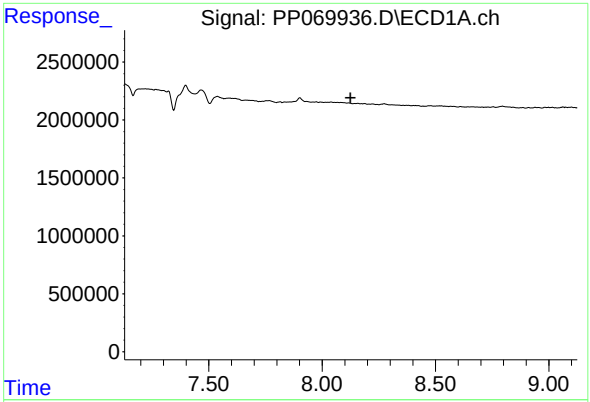
#33 AR-1260-3

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 813122
Conc: 13.01 ng/ml



#33 AR-1260-3

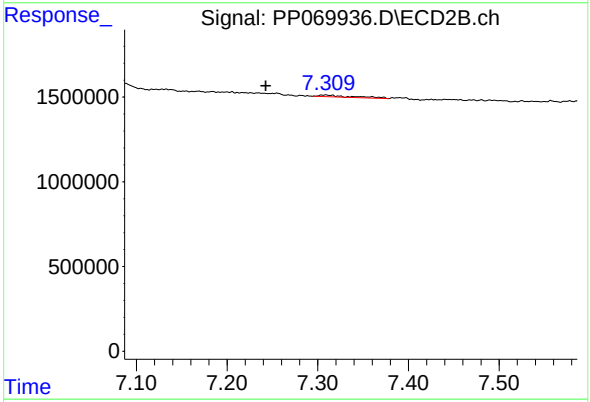
R.T.: 6.756 min
Delta R.T.: -0.014 min
Response: 642408
Conc: 10.68 ng/ml



#34 AR-1260-4

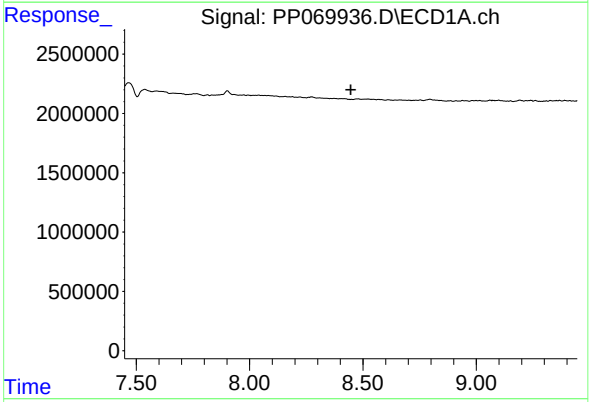
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



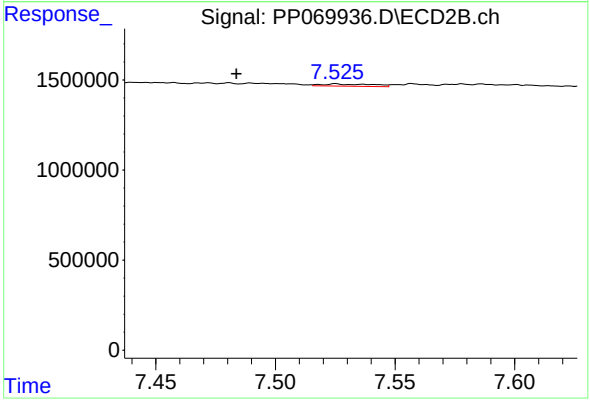
#34 AR-1260-4

R.T.: 7.308 min
Delta R.T.: 0.066 min
Response: 279936
Conc: 6.02 ng/ml



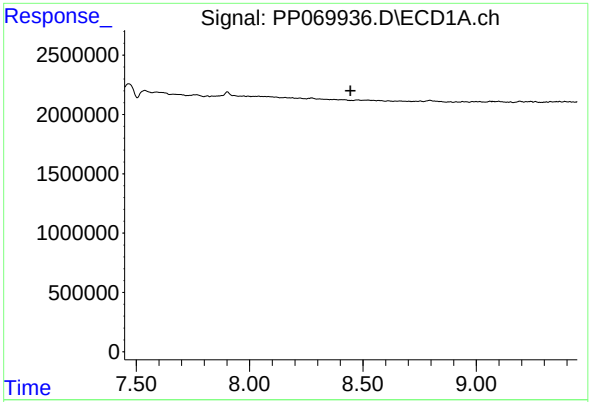
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#35 AR-1260-5

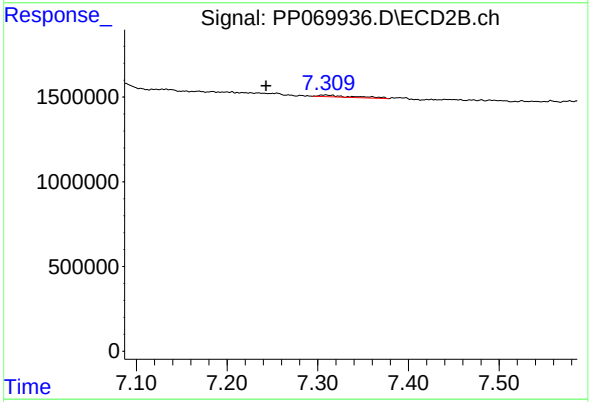
R.T.: 7.525 min
Delta R.T.: 0.042 min
Response: 188023
Conc: 1.69 ng/ml



#37 AR-1262-2

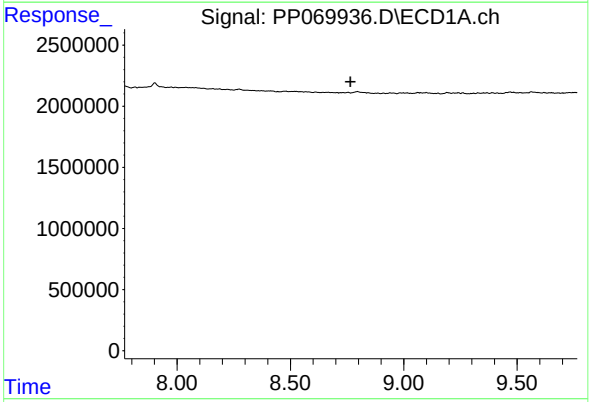
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



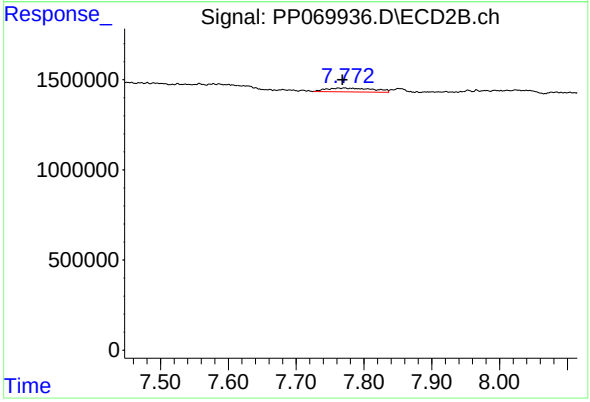
#37 AR-1262-2

R.T.: 7.308 min
Delta R.T.: 0.065 min
Response: 279936
Conc: 4.59 ng/ml



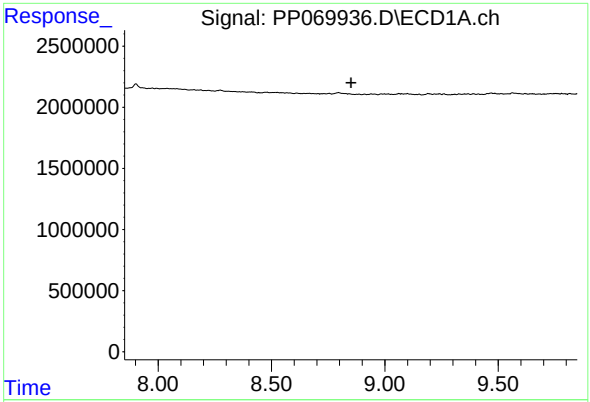
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

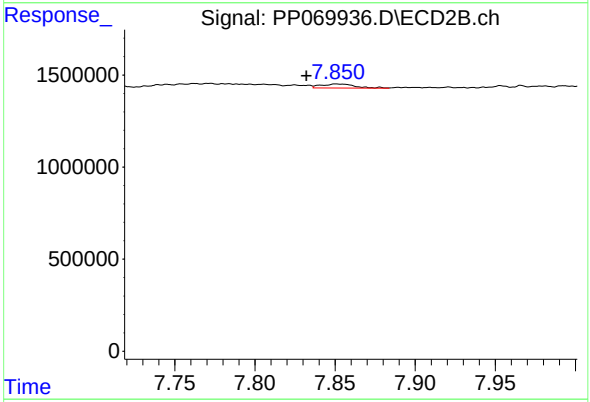
R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 1037197
Conc: 19.83 ng/ml



#39 AR-1262-4

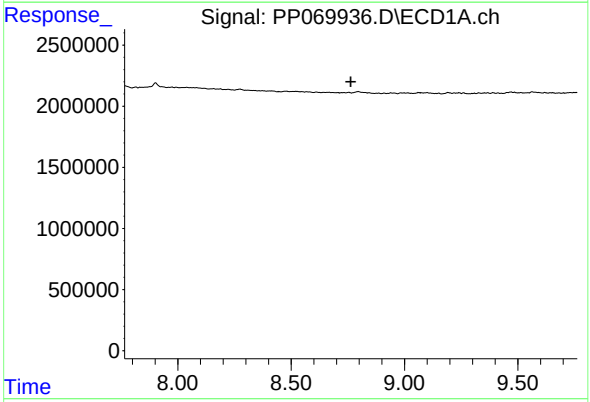
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



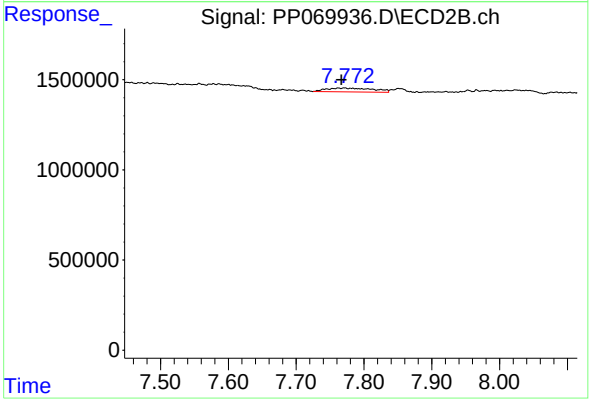
#39 AR-1262-4

R.T.: 7.852 min
Delta R.T.: 0.020 min
Response: 313808
Conc: 3.39 ng/ml



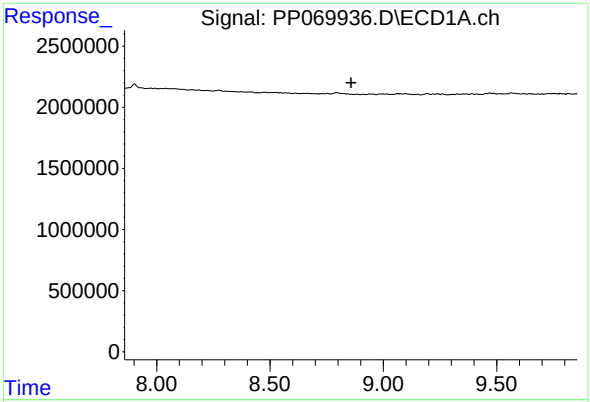
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

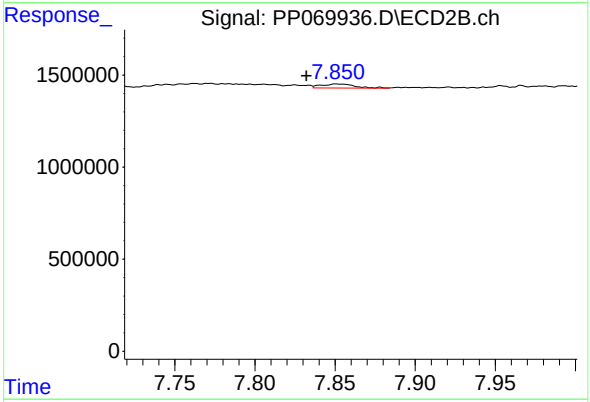
R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 1037197
Conc: 7.15 ng/ml



#42 AR-1268-2

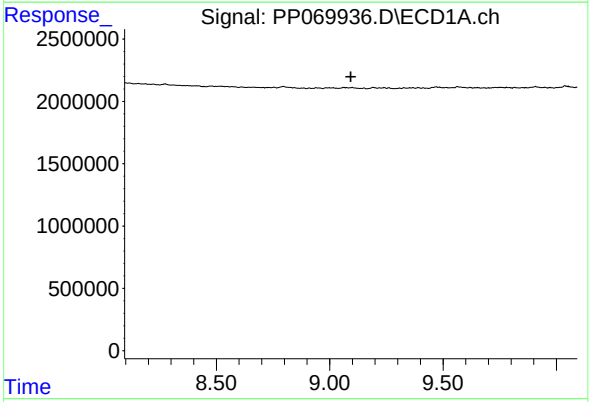
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



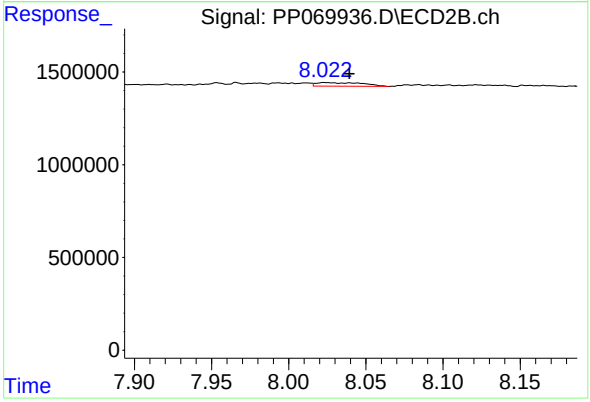
#42 AR-1268-2

R.T.: 7.852 min
Delta R.T.: 0.020 min
Response: 313808
Conc: 2.36 ng/ml



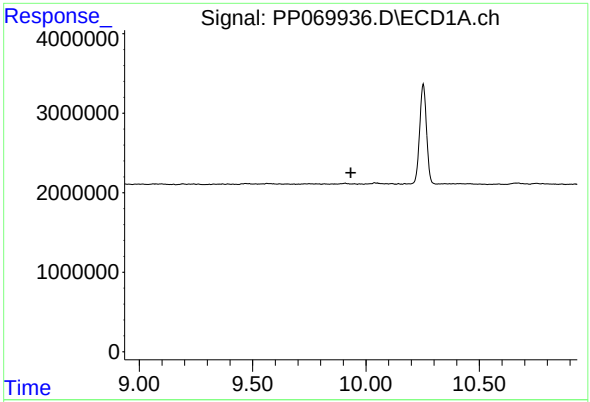
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

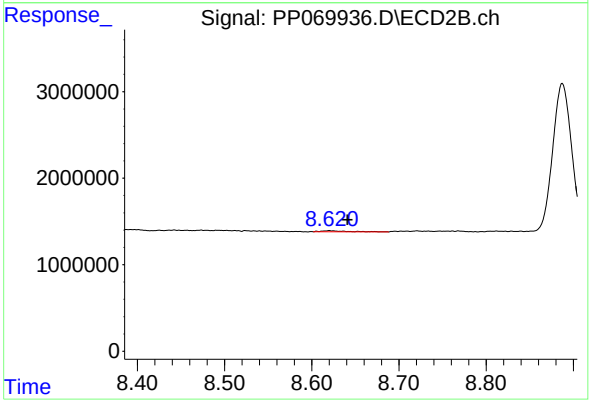
R.T.: 8.025 min
Delta R.T.: -0.015 min
Response: 418741
Conc: 3.68 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 240788
Conc: 0.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:49
Operator : YP\AJ
Sample : Q1382-19RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	39937883	22808177	27.900	25.554	
2)	SA Decachlor...	10.252	8.887	27146681	27216683	24.839	24.334	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.988f	0	139085	N.D.	4.264	#
4)	L1 AR-1016-2	0.000	4.988	0	139085	N.D.	3.094	#
5)	L1 AR-1016-3	0.000	5.190f	0	3030460	N.D.	121.784	#
6)	L1 AR-1016-4	0.000	5.190	0	3030460	N.D.	150.050	#
7)	L1 AR-1016-5	0.000	5.370	0	8349993	N.D.	311.289	#
8)	L2 AR-1221-1	4.725	4.047	1640458	127187	86.251	10.325	#
9)	L2 AR-1221-2	4.828	4.133	687856	728293	50.236	75.211	#
10)	L2 AR-1221-3	0.000	4.211	0	53758	N.D.	1.843	#
11)	L3 AR-1232-1	4.828f	4.211	687856	53758	20.660	2.290	#
12)	L3 AR-1232-2	5.381f	4.988f	652450	139085	39.925	5.901	#
13)	L3 AR-1232-3	0.000	5.190f	0	3030460	N.D.	234.062	#
14)	L3 AR-1232-4	0.000	5.203	0	1539263	N.D.	138.844	#
15)	L3 AR-1232-5	6.025f	5.370	1093475	8349993	95.397	683.847	#
16)	L4 AR-1242-1	0.000	4.988f	0	139085	N.D.	4.824	#
17)	L4 AR-1242-2	0.000	4.988f	0	139085	N.D.	3.530	#
18)	L4 AR-1242-3	0.000	5.190f	0	3030460	N.D.	134.663	#
19)	L4 AR-1242-4	0.000	5.203	0	1539263	N.D.	71.321	#
20)	L4 AR-1242-5	6.587	5.748	14462686	4071817	443.854	141.538	#
21)	L5 AR-1248-1	0.000	4.988f	0	139085	N.D.	6.319	#
22)	L5 AR-1248-2	6.025f	5.190	1093475	3030460	25.761	100.798	#
23)	L5 AR-1248-3	0.000	5.203	0	1539263	N.D.	49.679	#
24)	L5 AR-1248-4	6.587	5.370	14462686	8349993	262.379	226.019	
25)	L5 AR-1248-5	6.587	5.748f	14462686	4071817	270.919	108.903	#
26)	L6 AR-1254-1	6.536	5.748	13749309	4071817	237.615	73.958	#
27)	L6 AR-1254-2	6.743	5.874	9426388	3761111	117.475	77.759	#
28)	L6 AR-1254-3	7.102	6.279	12021257	6043930	142.621	79.634	#
29)	L6 AR-1254-4	7.391	6.508	9022982	3942237	132.325	76.922	#
30)	L6 AR-1254-5	7.811	6.926	547481	188708	8.046	2.835	#
31)	L7 AR-1260-1	7.265	6.417	10610194	6998429	181.569	145.107	
32)	L7 AR-1260-2	7.529	6.577f	3677846	4299706	47.265	70.138	#
33)	L7 AR-1260-3	0.000	6.754	0	639371	N.D.	10.628	#
34)	L7 AR-1260-4	8.090f	7.262	965861	296232	14.639	6.375	#
35)	L7 AR-1260-5	8.392f	7.433f	689999	755893	5.270	6.801	#
36)	L8 AR-1262-1	8.090	6.926f	965861	188708	12.223	2.657	#
37)	L8 AR-1262-2	8.392f	7.262	689999	296232	4.512	4.858	
38)	L8 AR-1262-3	0.000	7.795	0	1155909	N.D.	22.102	#
39)	L8 AR-1262-4	0.000	7.795f	0	1155909	N.D.	12.505	#
41)	L9 AR-1268-1	0.000	7.795	0	1155909	N.D.	7.965	#
42)	L9 AR-1268-2	0.000	7.795f	0	1155909	N.D.	8.703	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:49
Operator : YP\AJ
Sample : Q1382-19RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.617	0	239600	N.D.	0.673 #

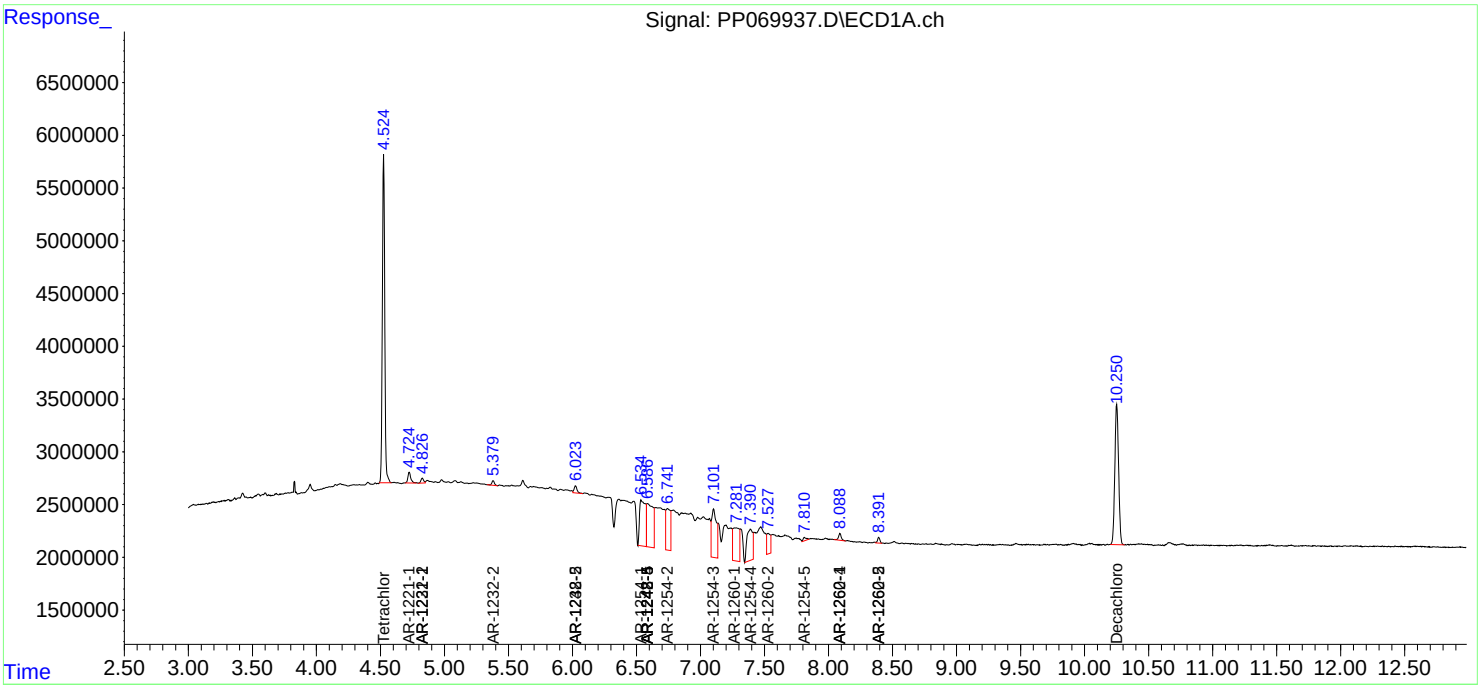
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

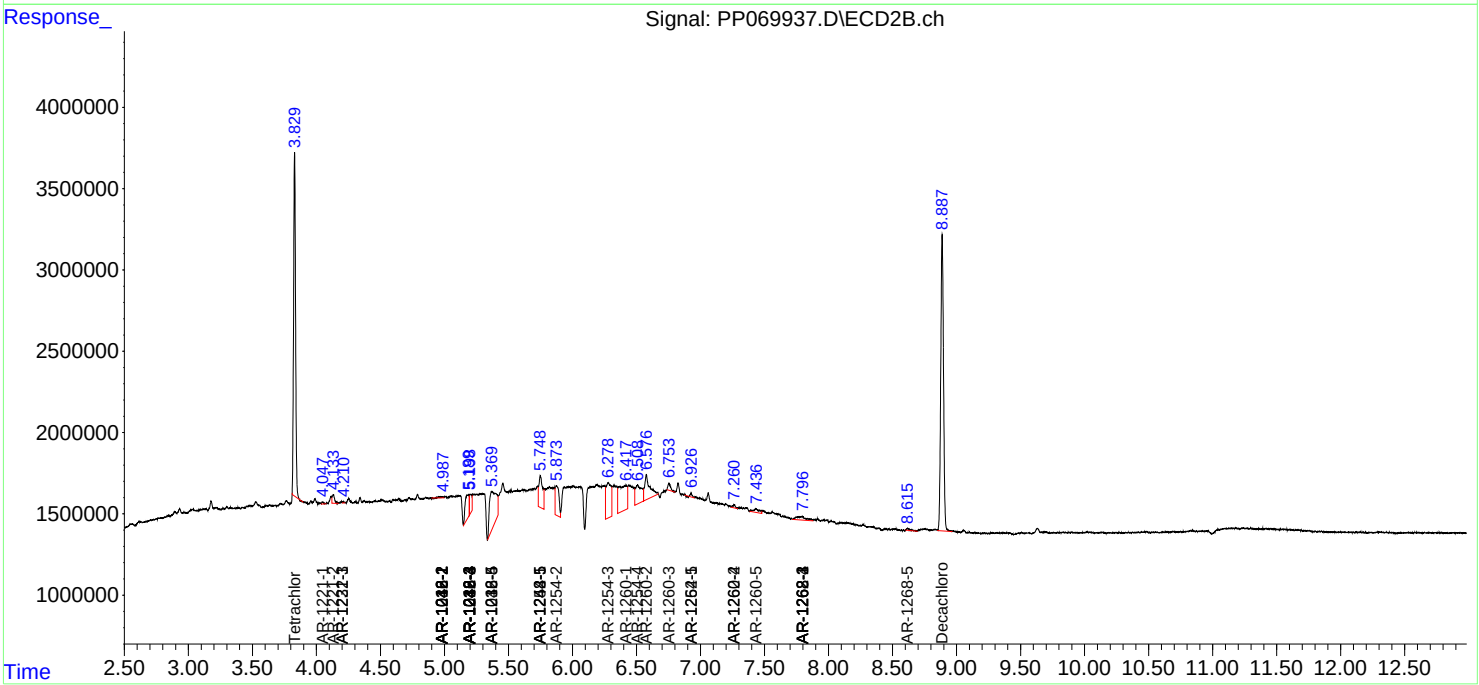
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:49
Operator : YP\AJ
Sample : Q1382-19RE
Misc :
ALS Vial : 27 Sample Multiplier: 1

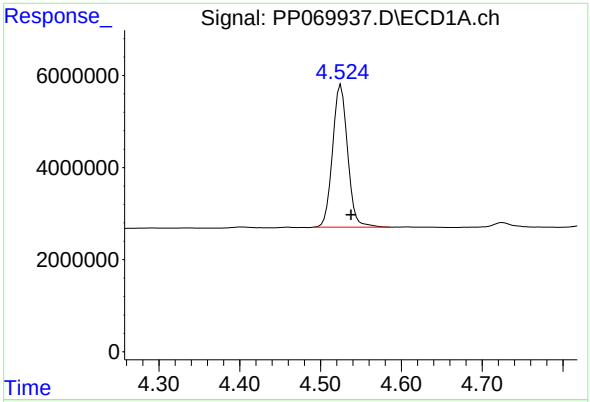
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



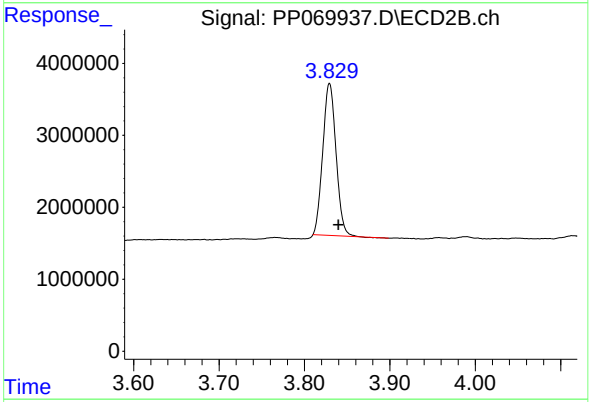




#1 Tetrachloro-m-xylene

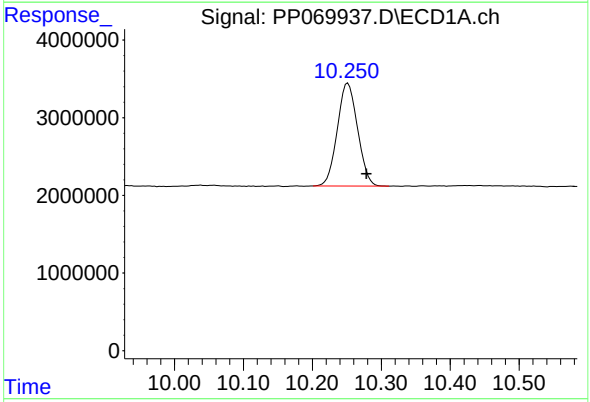
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 39937883
Conc: 27.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



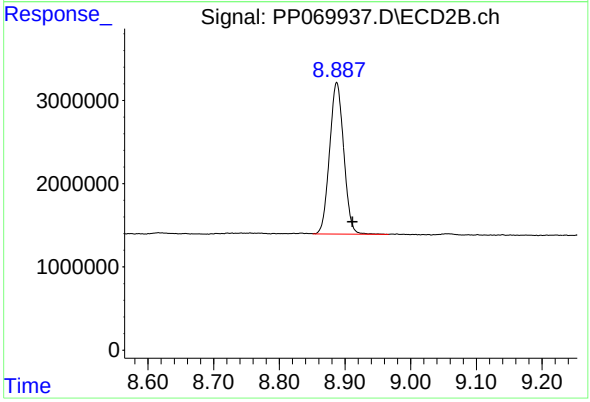
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22808177
Conc: 25.55 ng/ml



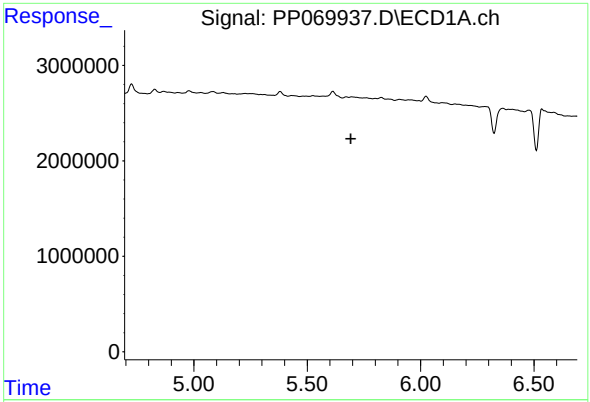
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 27146681
Conc: 24.84 ng/ml



#2 Decachlorobiphenyl

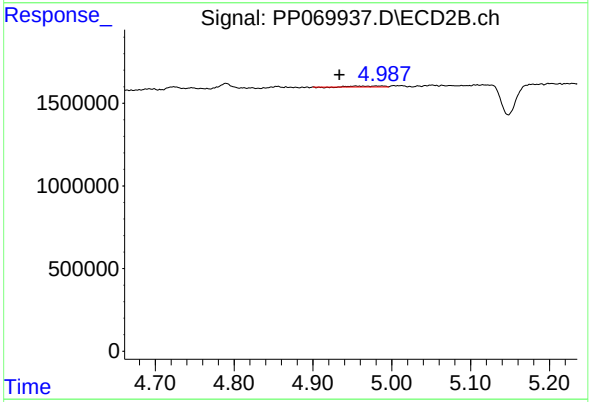
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 27216683
Conc: 24.33 ng/ml



#3 AR-1016-1

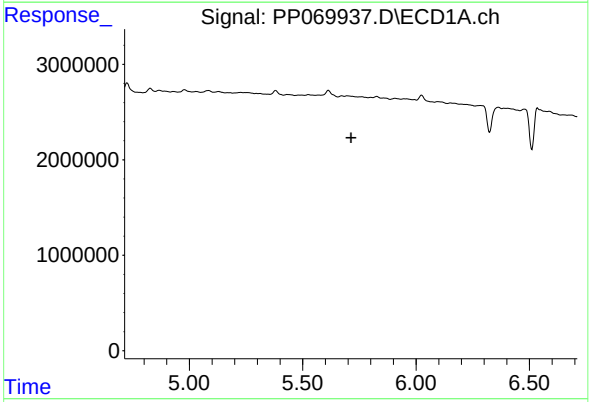
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



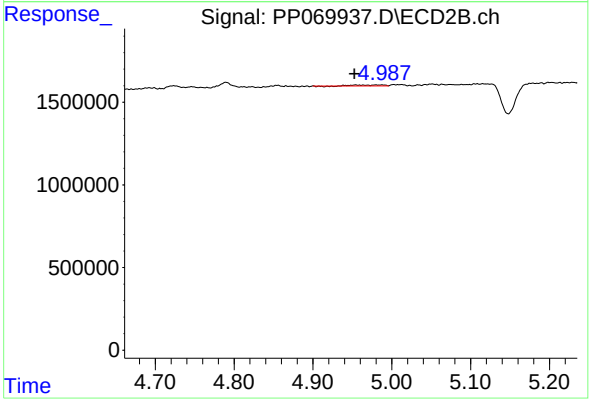
#3 AR-1016-1

R.T.: 4.988 min
Delta R.T.: 0.054 min
Response: 139085
Conc: 4.26 ng/ml



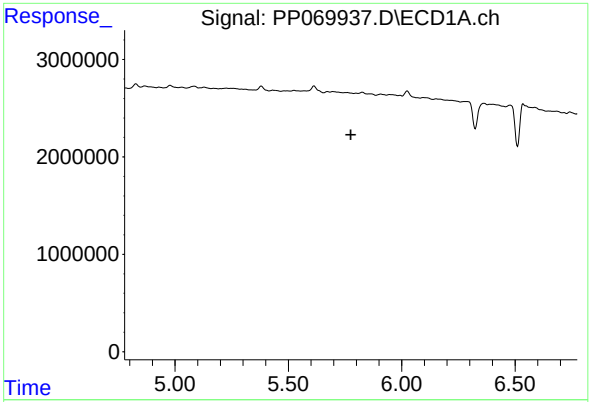
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

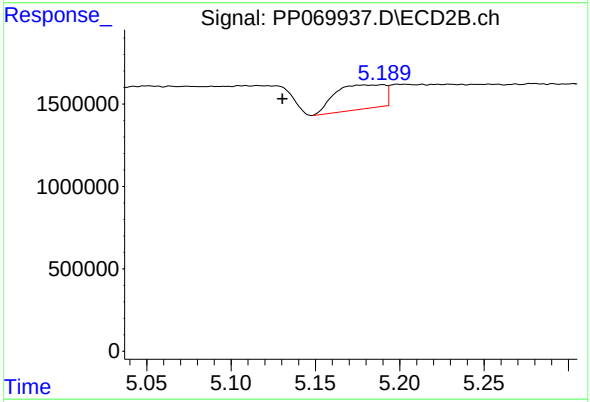
R.T.: 4.988 min
Delta R.T.: 0.035 min
Response: 139085
Conc: 3.09 ng/ml



#5 AR-1016-3

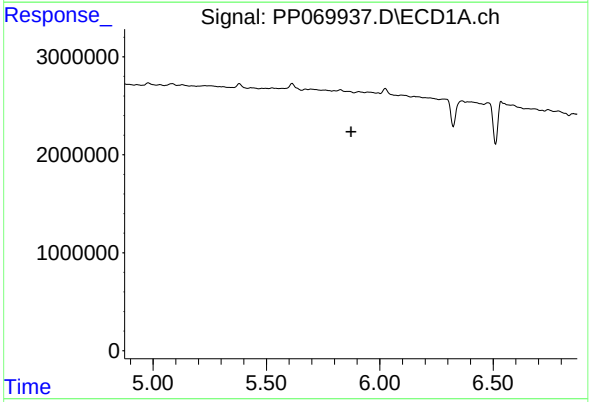
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



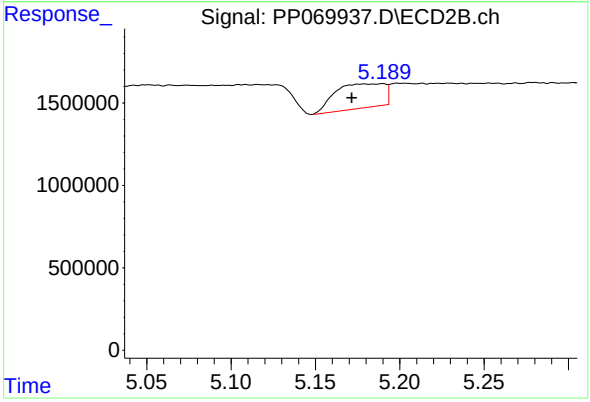
#5 AR-1016-3

R.T.: 5.190 min
Delta R.T.: 0.059 min
Response: 3030460
Conc: 121.78 ng/ml



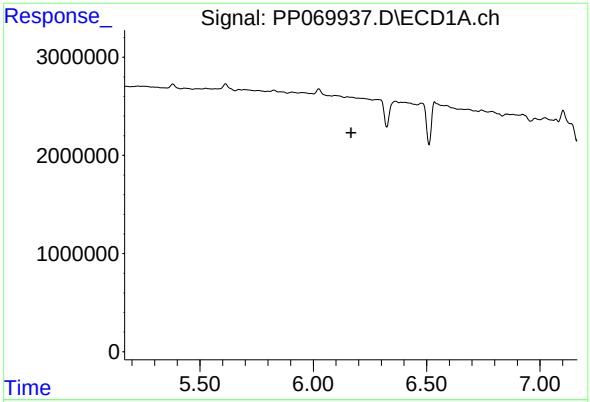
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

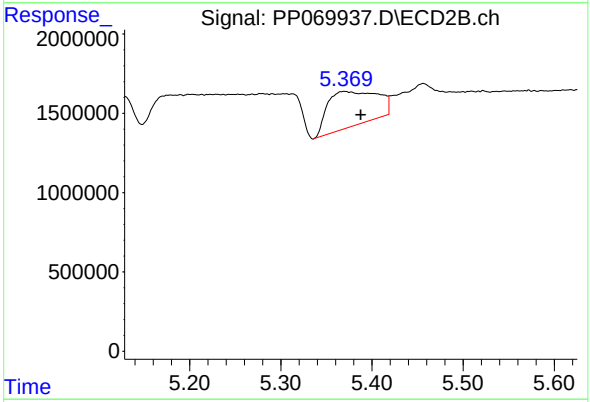
R.T.: 5.190 min
Delta R.T.: 0.018 min
Response: 3030460
Conc: 150.05 ng/ml



#7 AR-1016-5

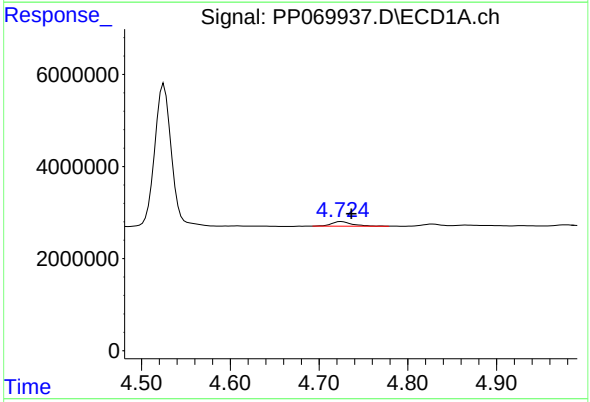
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



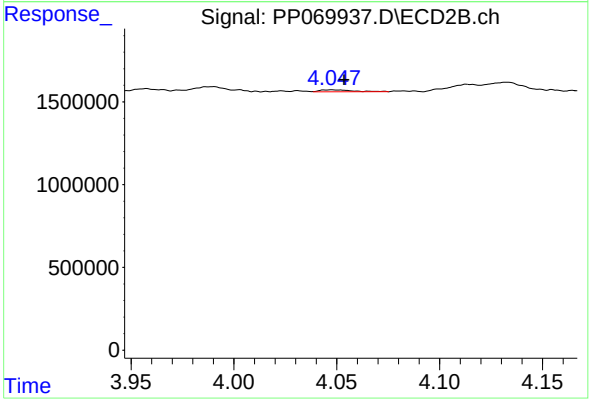
#7 AR-1016-5

R.T.: 5.370 min
Delta R.T.: -0.018 min
Response: 8349993
Conc: 311.29 ng/ml



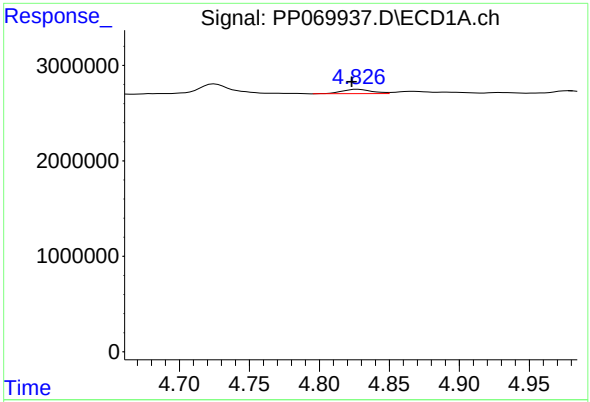
#8 AR-1221-1

R.T.: 4.725 min
Delta R.T.: -0.011 min
Response: 1640458
Conc: 86.25 ng/ml



#8 AR-1221-1

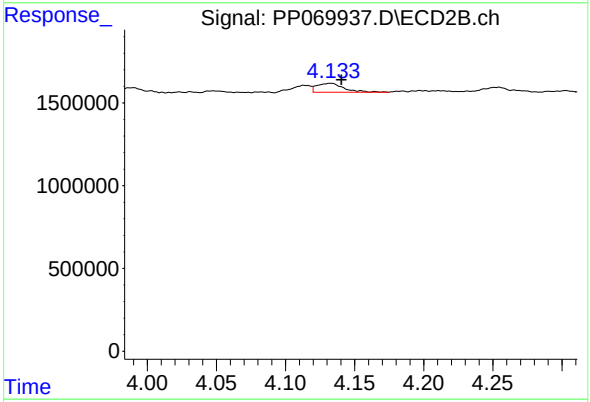
R.T.: 4.047 min
Delta R.T.: -0.006 min
Response: 127187
Conc: 10.33 ng/ml



#9 AR-1221-2

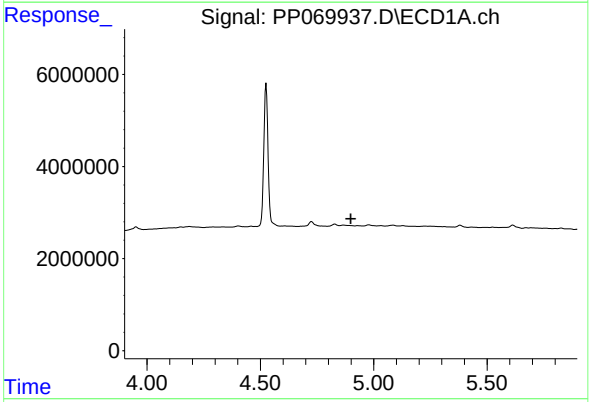
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 687856
Conc: 50.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



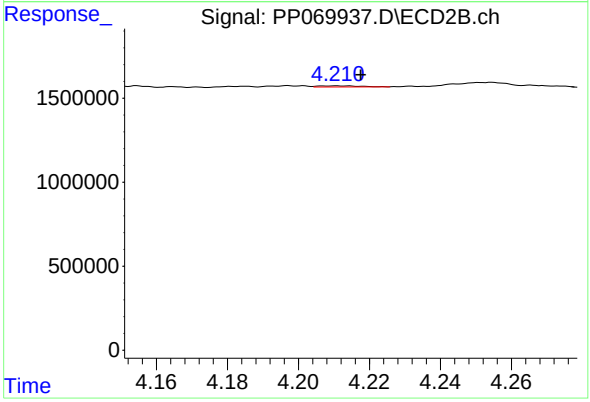
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 728293
Conc: 75.21 ng/ml



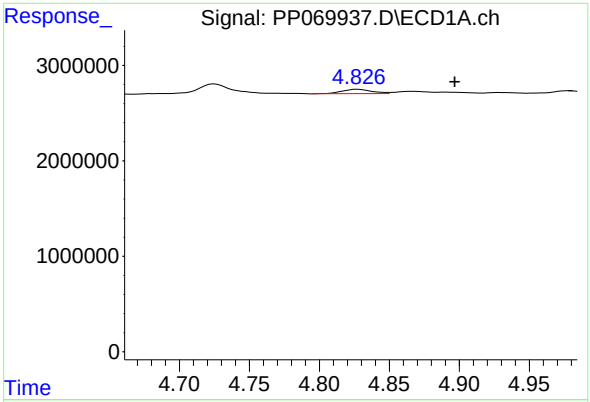
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

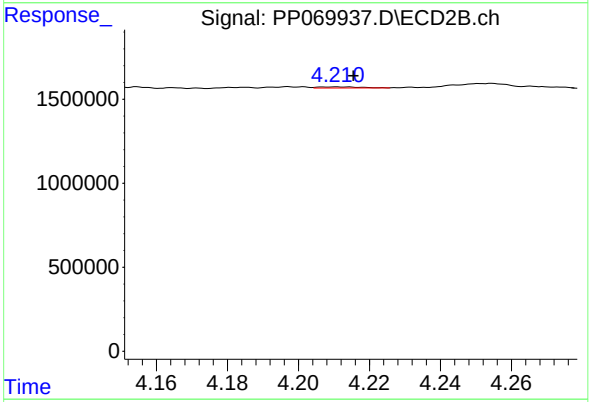
R.T.: 4.211 min
Delta R.T.: -0.007 min
Response: 53758
Conc: 1.84 ng/ml



#11 AR-1232-1

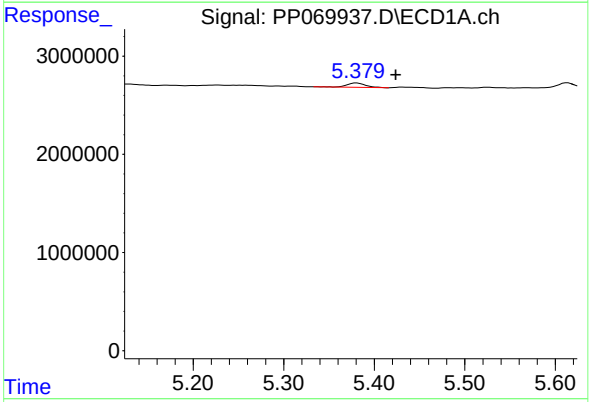
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 687856
Conc: 20.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



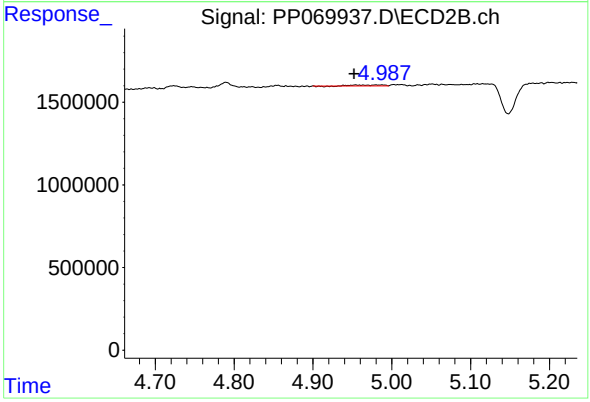
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 53758
Conc: 2.29 ng/ml



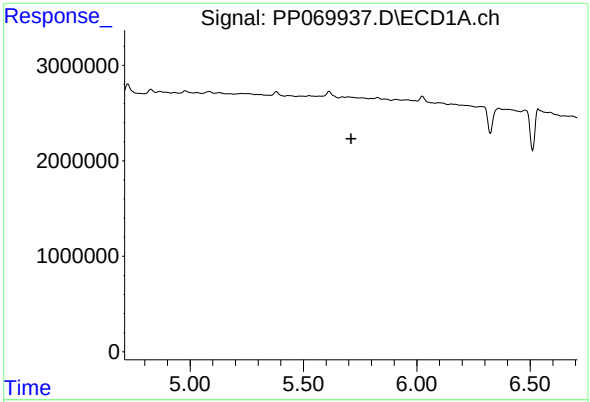
#12 AR-1232-2

R.T.: 5.381 min
Delta R.T.: -0.043 min
Response: 652450
Conc: 39.92 ng/ml



#12 AR-1232-2

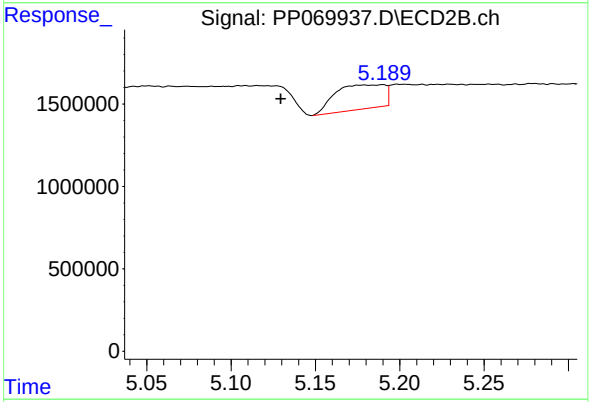
R.T.: 4.988 min
Delta R.T.: 0.036 min
Response: 139085
Conc: 5.90 ng/ml



#13 AR-1232-3

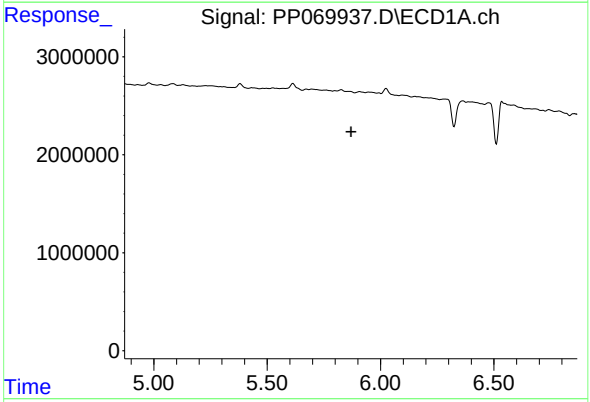
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



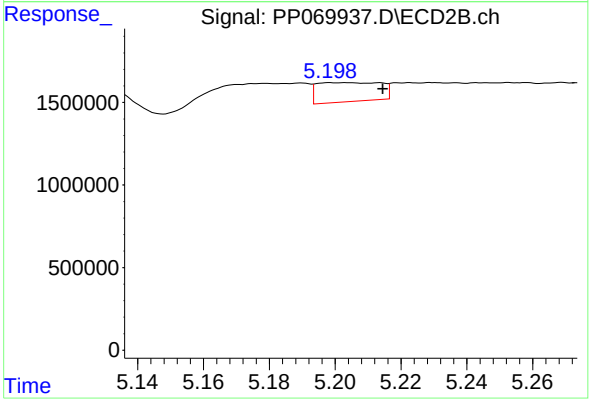
#13 AR-1232-3

R.T.: 5.190 min
Delta R.T.: 0.060 min
Response: 3030460
Conc: 234.06 ng/ml



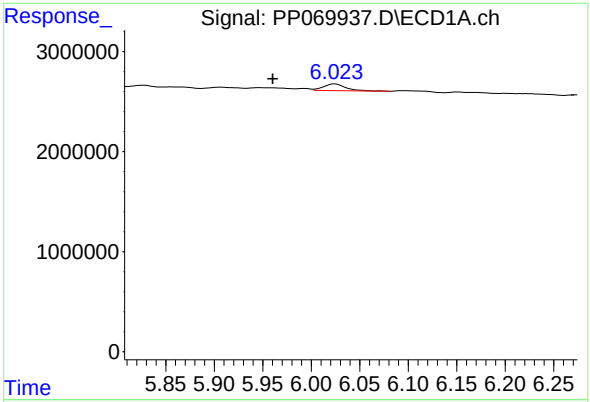
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

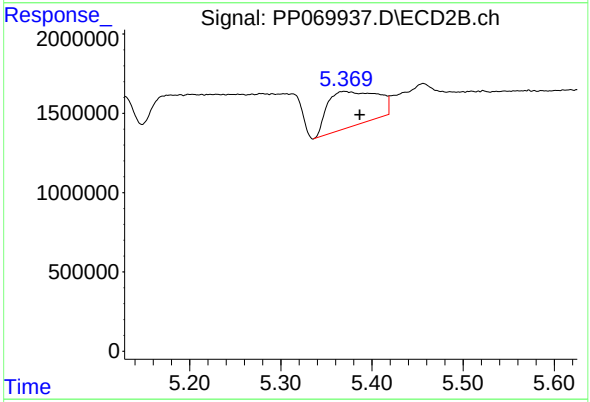
R.T.: 5.203 min
Delta R.T.: -0.011 min
Response: 1539263
Conc: 138.84 ng/ml



#15 AR-1232-5

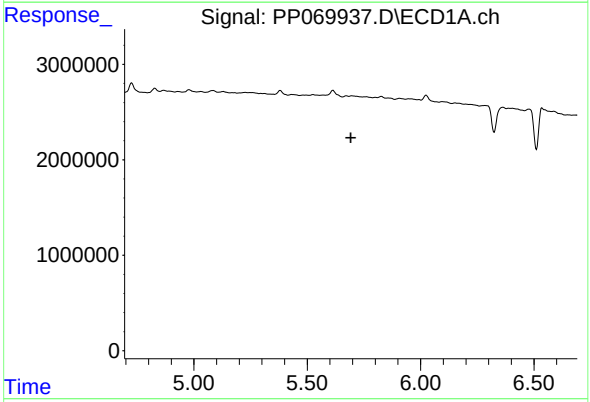
R.T.: 6.025 min
Delta R.T.: 0.064 min
Response: 1093475
Conc: 95.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



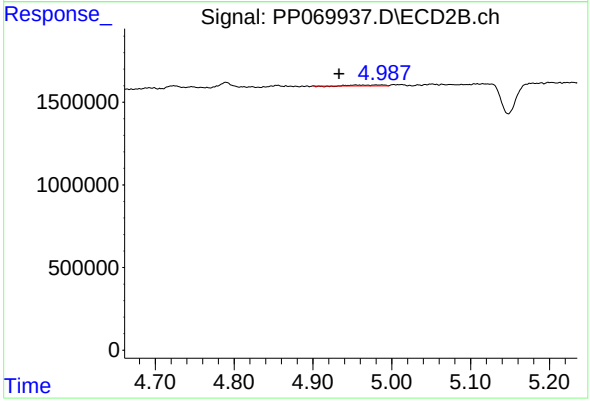
#15 AR-1232-5

R.T.: 5.370 min
Delta R.T.: -0.017 min
Response: 8349993
Conc: 683.85 ng/ml



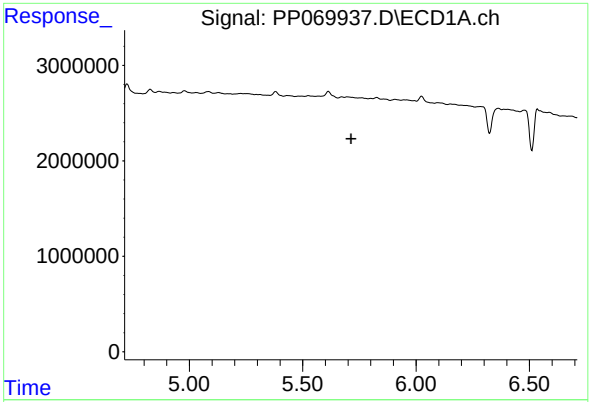
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

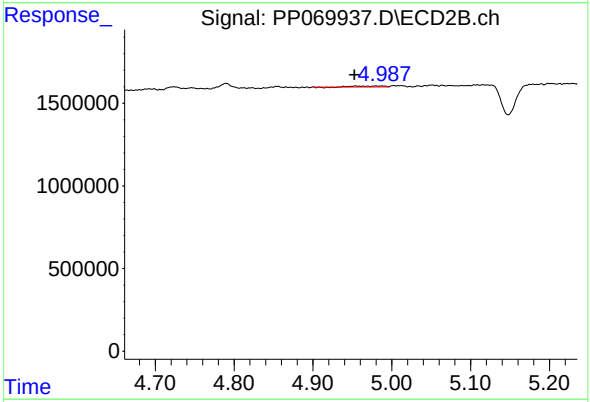
R.T.: 4.988 min
Delta R.T.: 0.054 min
Response: 139085
Conc: 4.82 ng/ml



#17 AR-1242-2

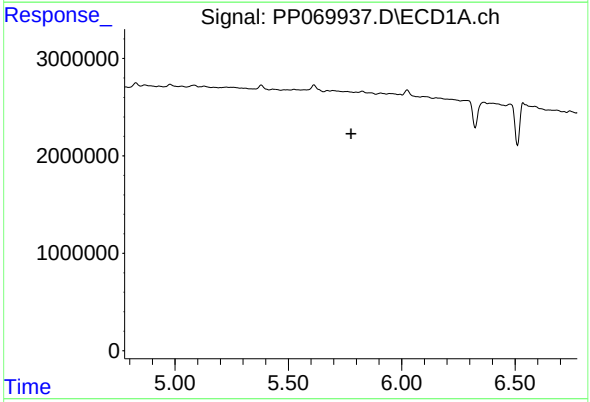
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



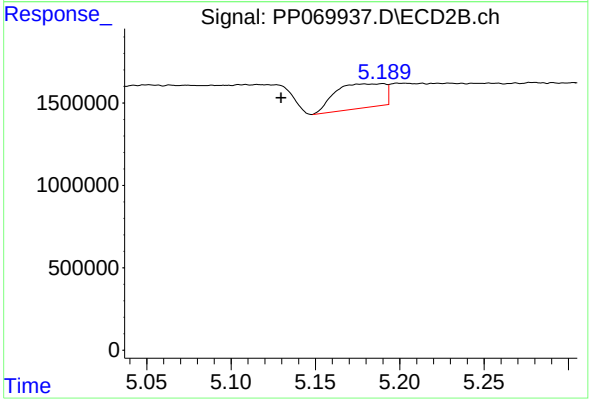
#17 AR-1242-2

R.T.: 4.988 min
Delta R.T.: 0.035 min
Response: 139085
Conc: 3.53 ng/ml



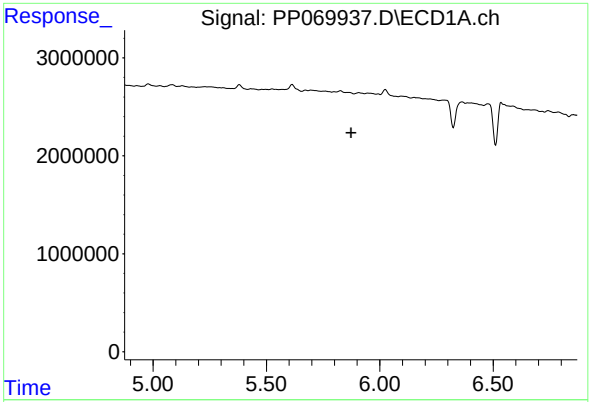
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

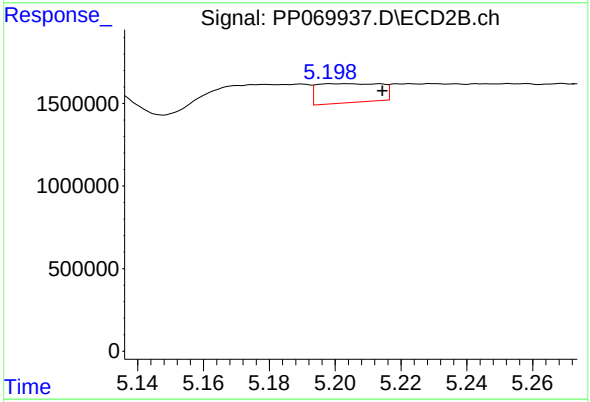
R.T.: 5.190 min
Delta R.T.: 0.060 min
Response: 3030460
Conc: 134.66 ng/ml



#19 AR-1242-4

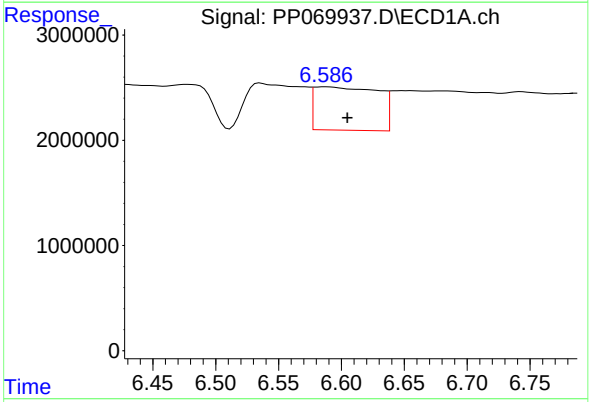
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



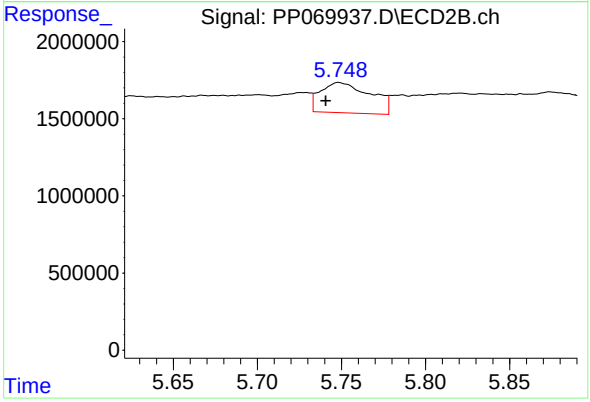
#19 AR-1242-4

R.T.: 5.203 min
Delta R.T.: -0.011 min
Response: 1539263
Conc: 71.32 ng/ml



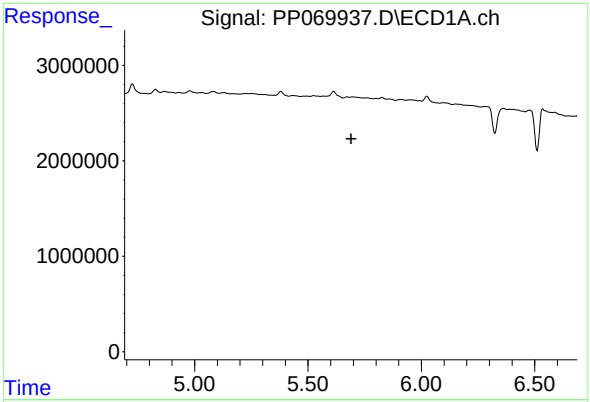
#20 AR-1242-5

R.T.: 6.587 min
Delta R.T.: -0.018 min
Response: 14462686
Conc: 443.85 ng/ml



#20 AR-1242-5

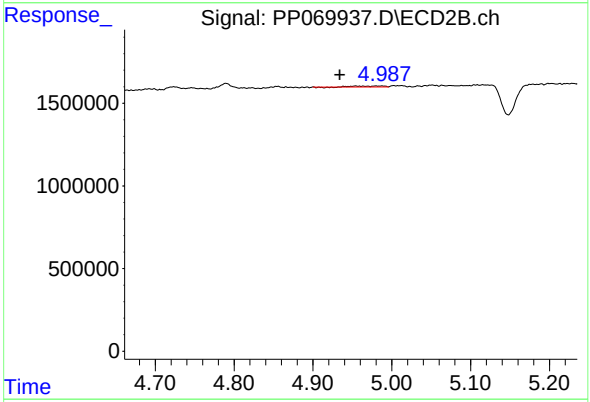
R.T.: 5.748 min
Delta R.T.: 0.008 min
Response: 4071817
Conc: 141.54 ng/ml



#21 AR-1248-1

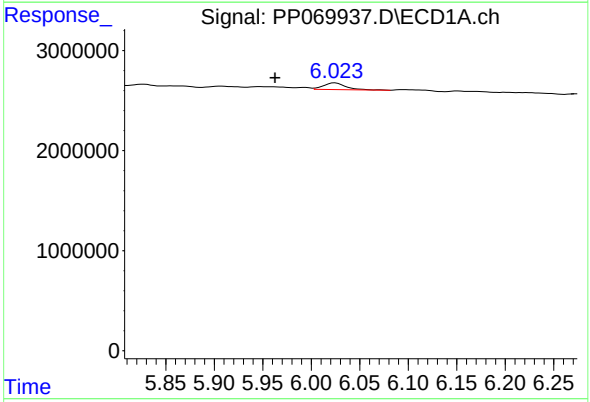
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



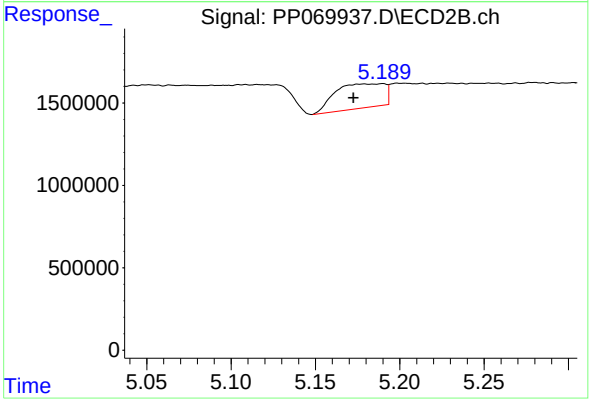
#21 AR-1248-1

R.T.: 4.988 min
Delta R.T.: 0.054 min
Response: 139085
Conc: 6.32 ng/ml



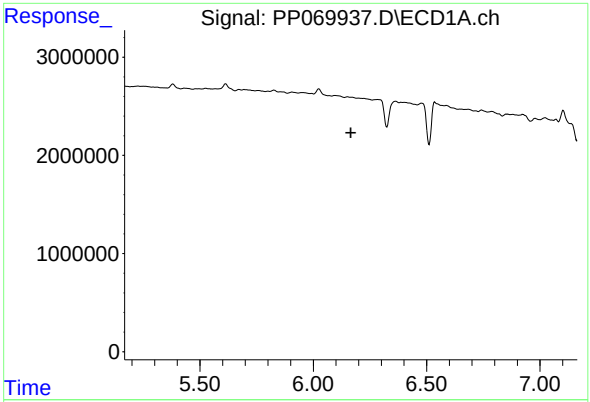
#22 AR-1248-2

R.T.: 6.025 min
Delta R.T.: 0.062 min
Response: 1093475
Conc: 25.76 ng/ml



#22 AR-1248-2

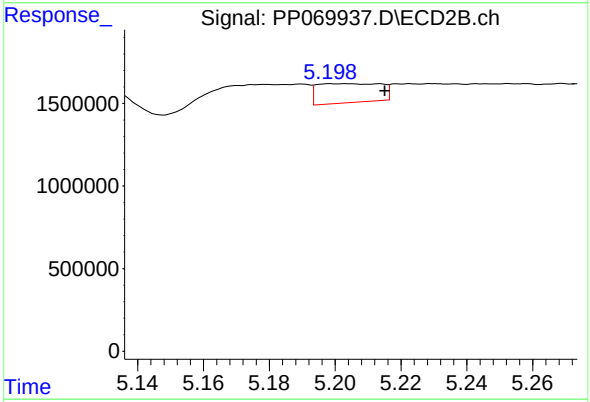
R.T.: 5.190 min
Delta R.T.: 0.017 min
Response: 3030460
Conc: 100.80 ng/ml



#23 AR-1248-3

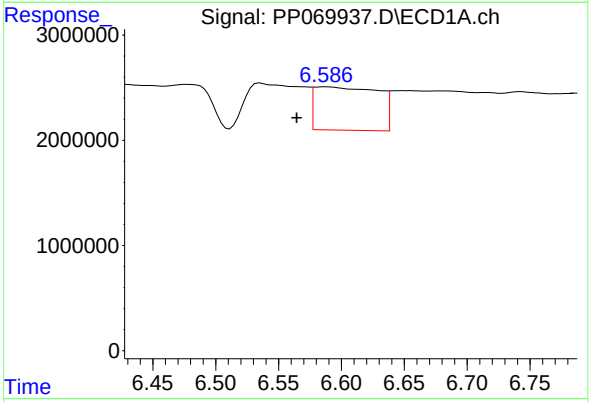
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



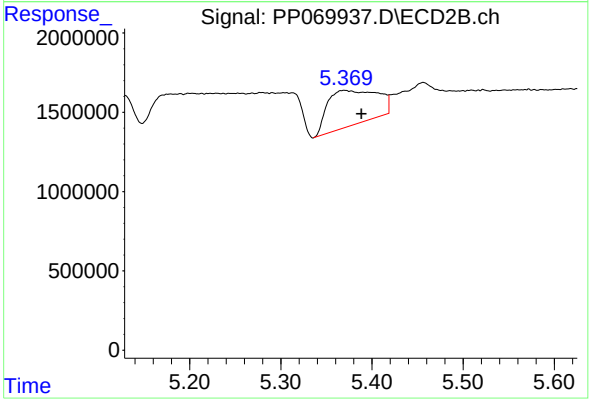
#23 AR-1248-3

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 1539263
Conc: 49.68 ng/ml



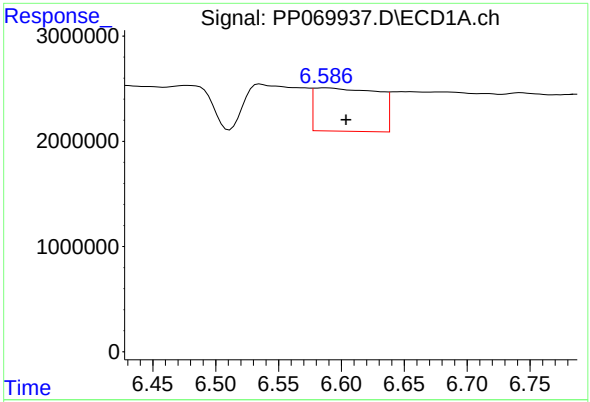
#24 AR-1248-4

R.T.: 6.587 min
Delta R.T.: 0.023 min
Response: 14462686
Conc: 262.38 ng/ml



#24 AR-1248-4

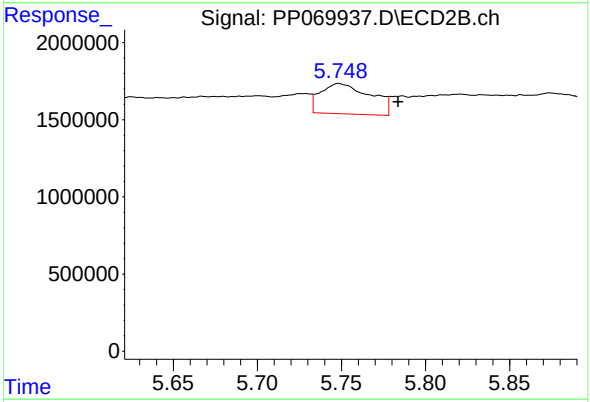
R.T.: 5.370 min
Delta R.T.: -0.019 min
Response: 8349993
Conc: 226.02 ng/ml



#25 AR-1248-5

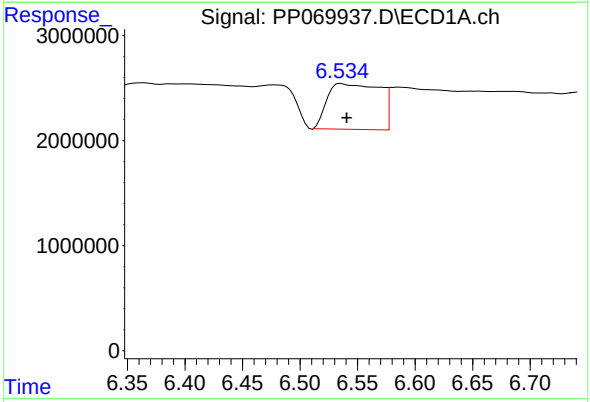
R.T.: 6.587 min
Delta R.T.: -0.017 min
Response: 14462686
Conc: 270.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



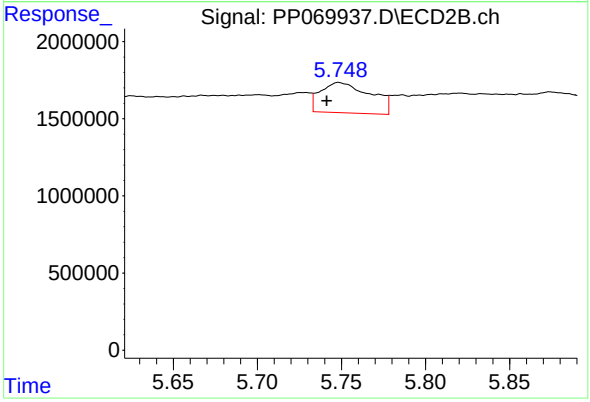
#25 AR-1248-5

R.T.: 5.748 min
Delta R.T.: -0.035 min
Response: 4071817
Conc: 108.90 ng/ml



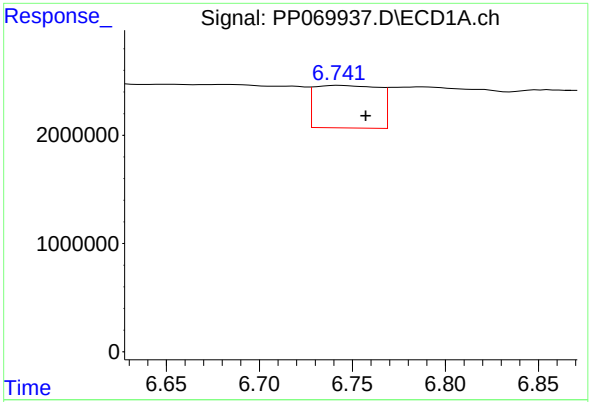
#26 AR-1254-1

R.T.: 6.536 min
Delta R.T.: -0.005 min
Response: 13749309
Conc: 237.62 ng/ml



#26 AR-1254-1

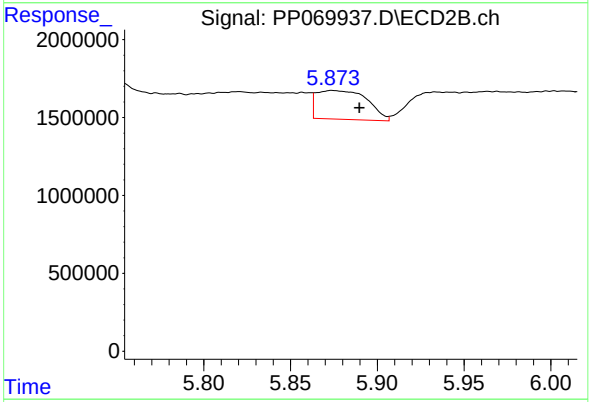
R.T.: 5.748 min
Delta R.T.: 0.007 min
Response: 4071817
Conc: 73.96 ng/ml



#27 AR-1254-2

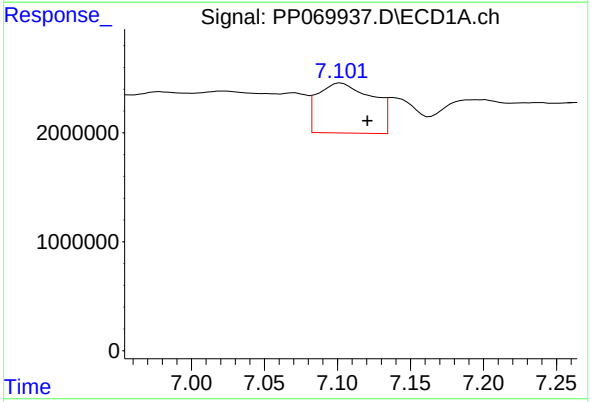
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 9426388
Conc: 117.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



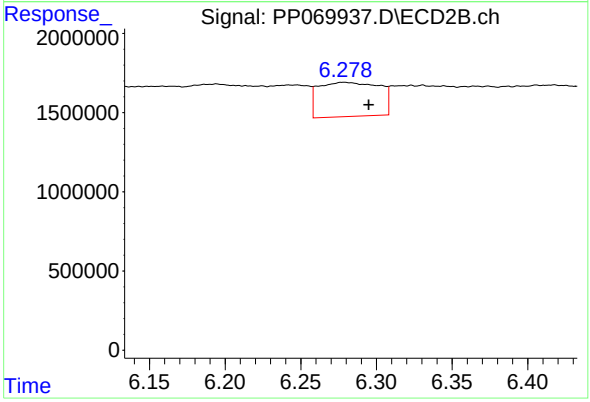
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 3761111
Conc: 77.76 ng/ml



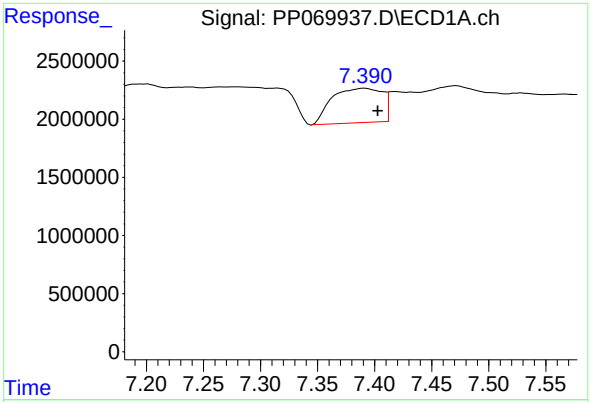
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.018 min
Response: 12021257
Conc: 142.62 ng/ml



#28 AR-1254-3

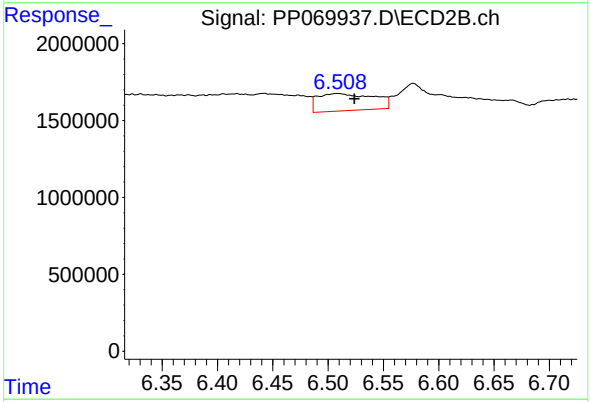
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 6043930
Conc: 79.63 ng/ml



#29 AR-1254-4

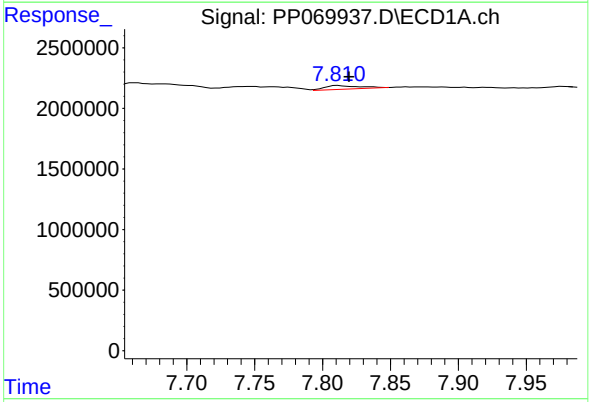
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 9022982
Conc: 132.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



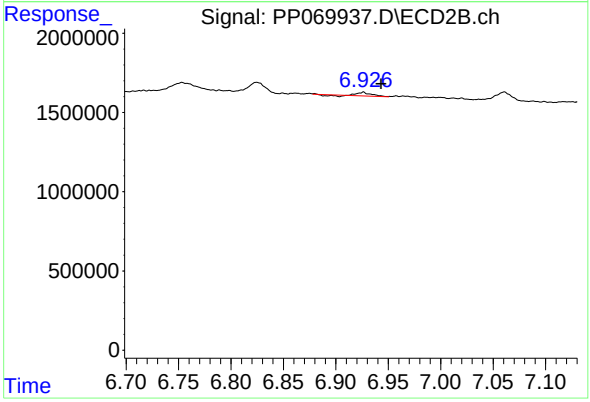
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 3942237
Conc: 76.92 ng/ml



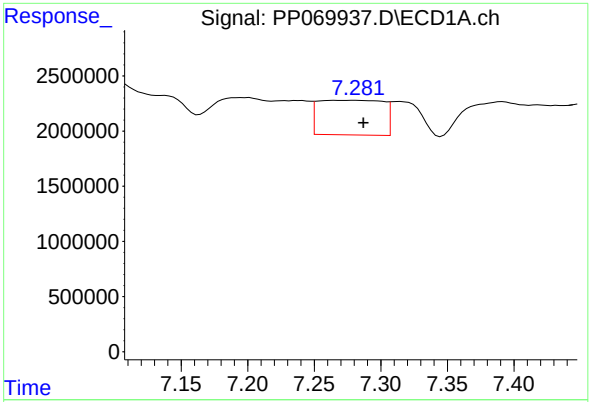
#30 AR-1254-5

R.T.: 7.811 min
Delta R.T.: -0.008 min
Response: 547481
Conc: 8.05 ng/ml



#30 AR-1254-5

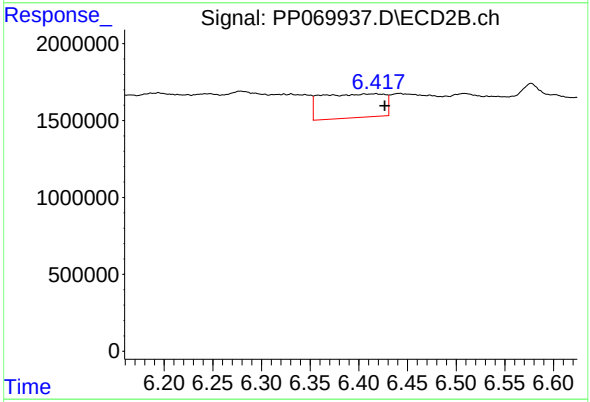
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 188708
Conc: 2.84 ng/ml



#31 AR-1260-1

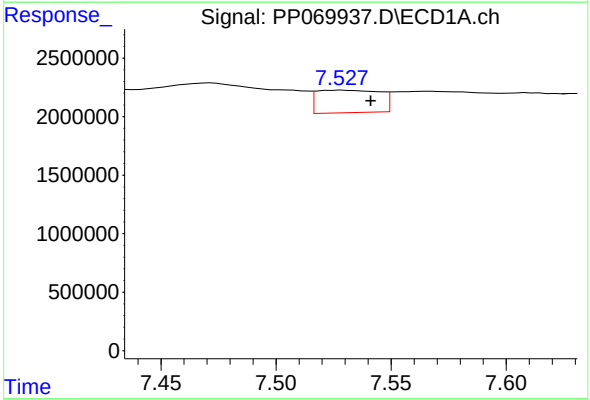
R.T.: 7.265 min
Delta R.T.: -0.021 min
Response: 10610194
Conc: 181.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



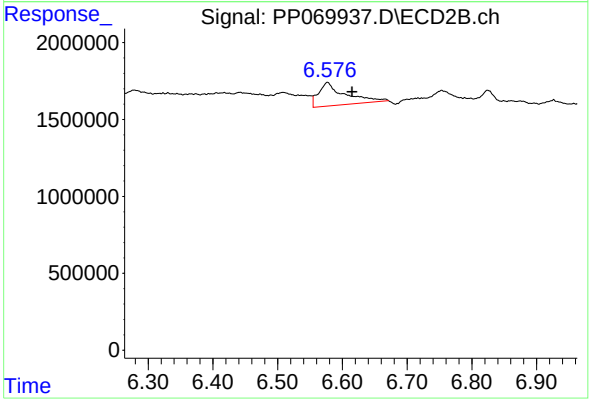
#31 AR-1260-1

R.T.: 6.417 min
Delta R.T.: -0.010 min
Response: 6998429
Conc: 145.11 ng/ml



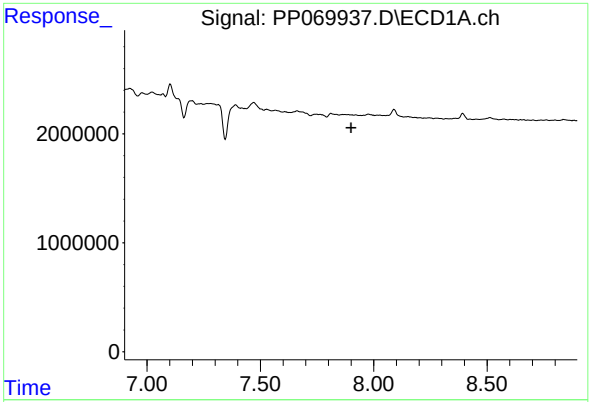
#32 AR-1260-2

R.T.: 7.529 min
Delta R.T.: -0.012 min
Response: 3677846
Conc: 47.27 ng/ml



#32 AR-1260-2

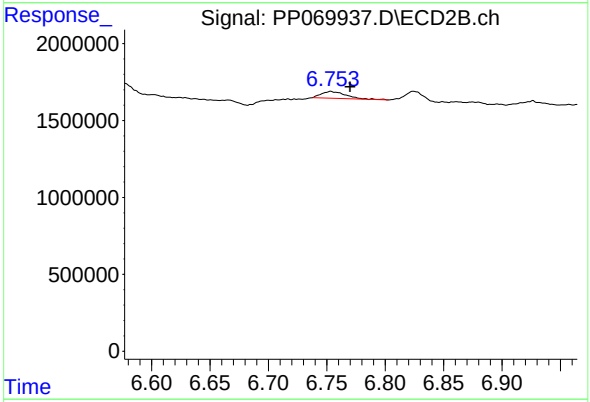
R.T.: 6.577 min
Delta R.T.: -0.038 min
Response: 4299706
Conc: 70.14 ng/ml



#33 AR-1260-3

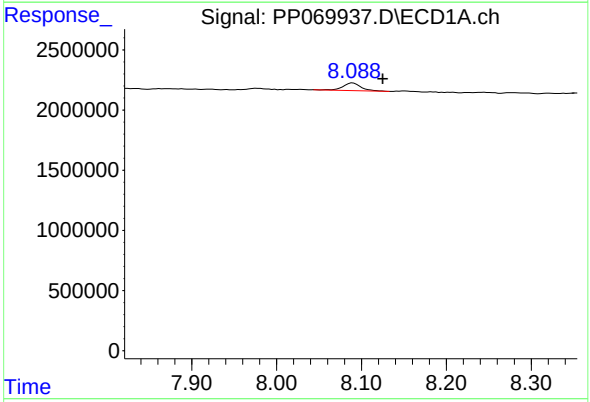
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



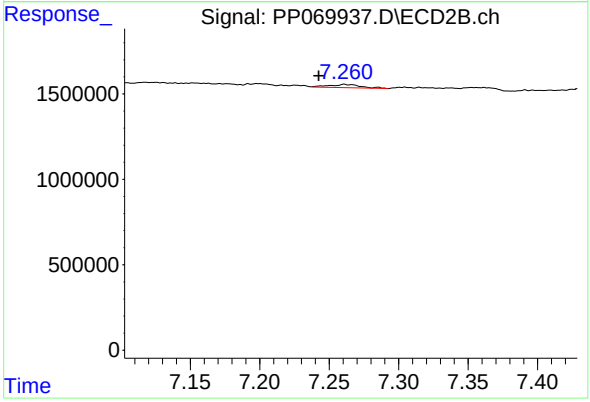
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 639371
Conc: 10.63 ng/ml



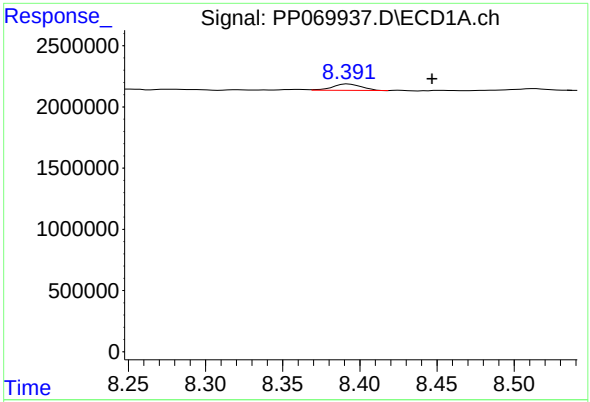
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.036 min
Response: 965861
Conc: 14.64 ng/ml



#34 AR-1260-4

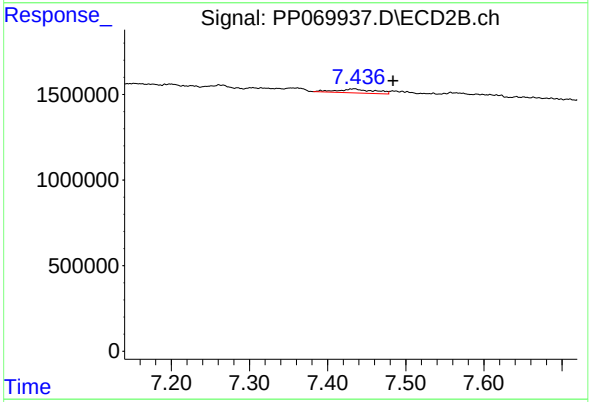
R.T.: 7.262 min
Delta R.T.: 0.020 min
Response: 296232
Conc: 6.37 ng/ml



#35 AR-1260-5

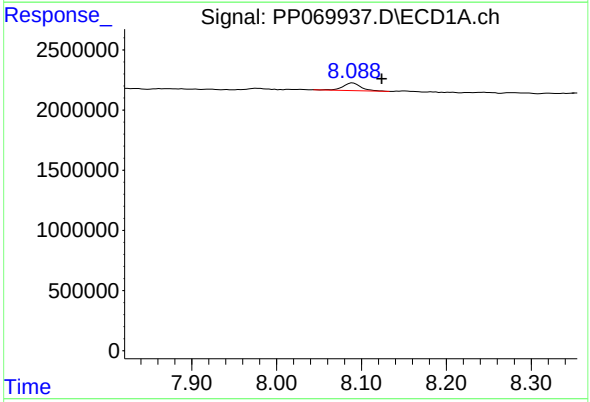
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 689999
Conc: 5.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



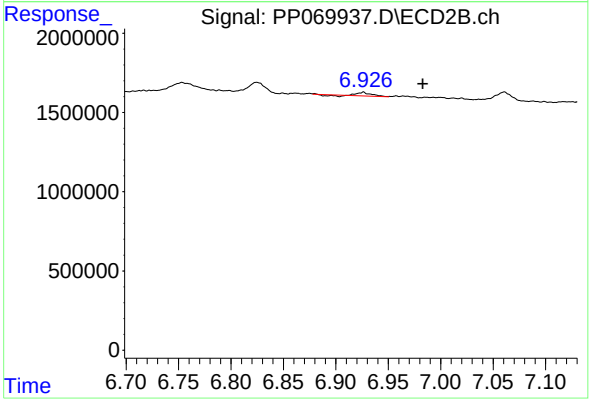
#35 AR-1260-5

R.T.: 7.433 min
Delta R.T.: -0.050 min
Response: 755893
Conc: 6.80 ng/ml



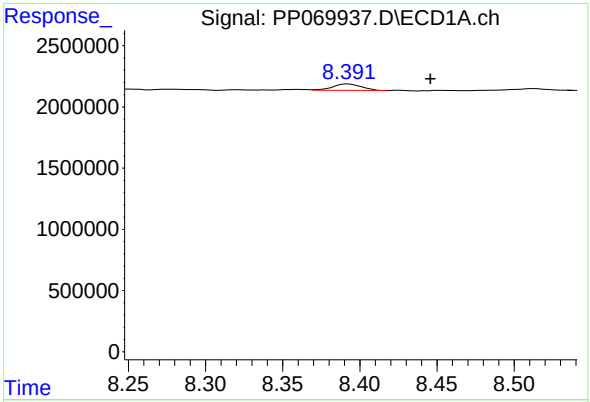
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 965861
Conc: 12.22 ng/ml



#36 AR-1262-1

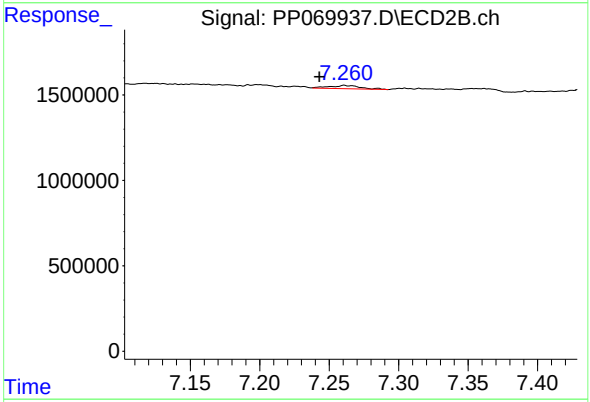
R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 188708
Conc: 2.66 ng/ml



#37 AR-1262-2

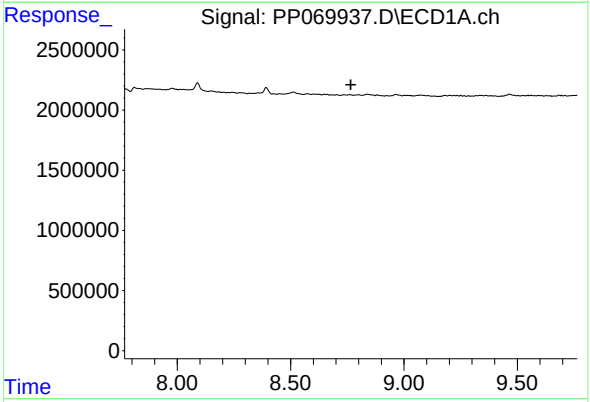
R.T.: 8.392 min
Delta R.T.: -0.053 min
Response: 689999
Conc: 4.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



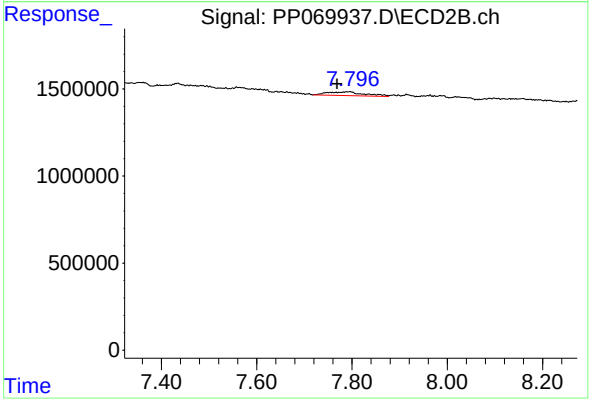
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: 0.019 min
Response: 296232
Conc: 4.86 ng/ml



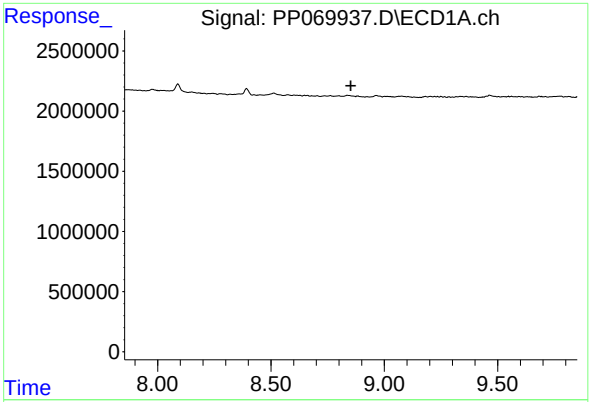
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

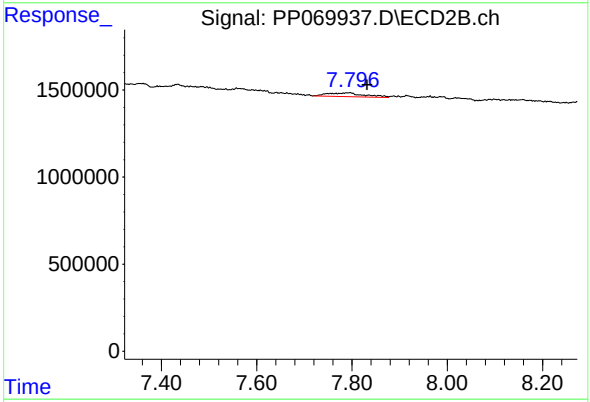
R.T.: 7.795 min
Delta R.T.: 0.026 min
Response: 1155909
Conc: 22.10 ng/ml



#39 AR-1262-4

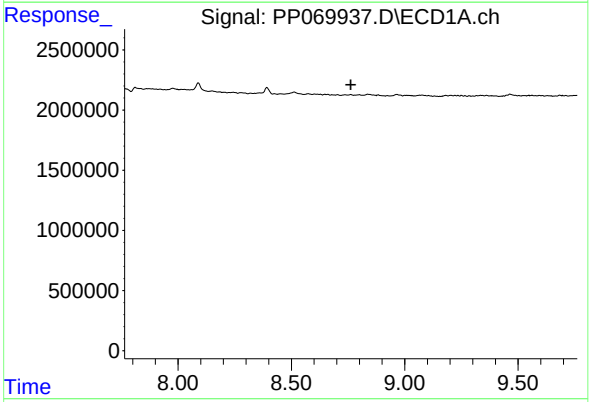
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



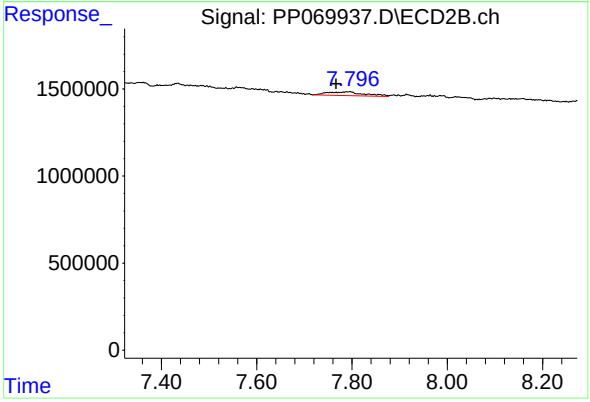
#39 AR-1262-4

R.T.: 7.795 min
Delta R.T.: -0.037 min
Response: 1155909
Conc: 12.50 ng/ml



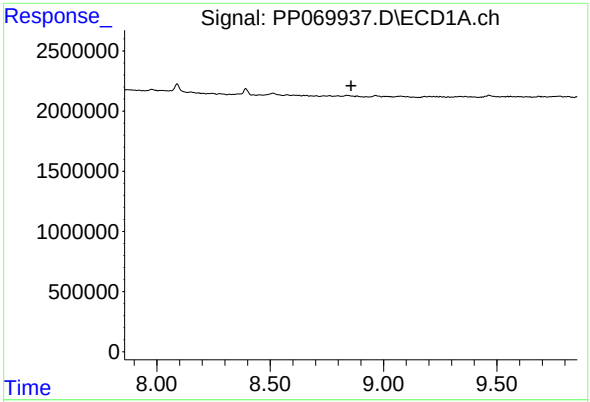
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

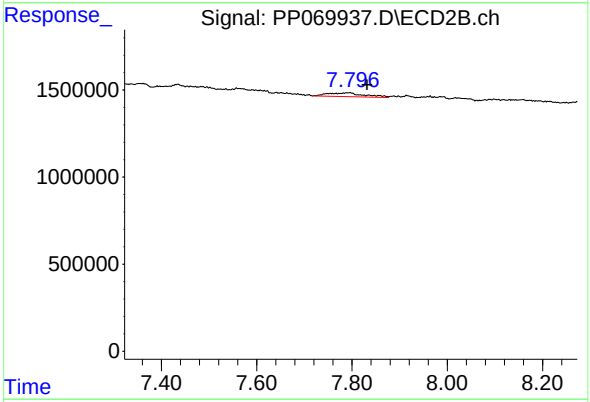
R.T.: 7.795 min
Delta R.T.: 0.028 min
Response: 1155909
Conc: 7.97 ng/ml



#42 AR-1268-2

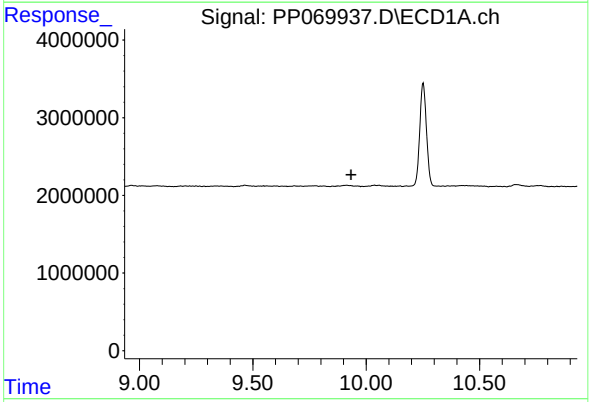
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-10-021725RE



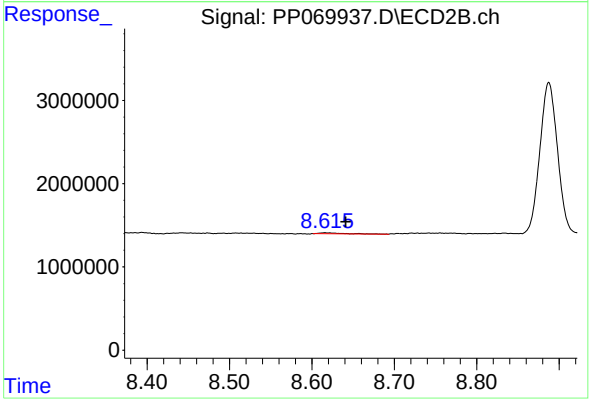
#42 AR-1268-2

R.T.: 7.795 min
Delta R.T.: -0.037 min
Response: 1155909
Conc: 8.70 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.024 min
Response: 239600
Conc: 0.67 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:59
Operator : YP\AJ
Sample : Q1382-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	36898216	20600820	25.776	23.081	
2)	SA Decachlor...	10.253	8.888	25546765	25430992	23.375	22.737	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.935	0	20687	N.D.	0.634	#
4)	L1 AR-1016-2	0.000	4.944	0	27722	N.D.	0.617	#
5)	L1 AR-1016-3	0.000	5.172f	0	953740	N.D.	38.327	#
6)	L1 AR-1016-4	0.000	5.172	0	953740	N.D.	47.224	#
7)	L1 AR-1016-5	0.000	5.372	0	4147262	N.D.	154.611	#
8)	L2 AR-1221-1	0.000	4.056	0	57271	N.D.	4.649	#
9)	L2 AR-1221-2	4.827	4.134	533476	556555	38.961	57.475	#
10)	L2 AR-1221-3	0.000	4.250	0	75060	N.D.	2.573	#
11)	L3 AR-1232-1	4.827f	4.250f	533476	75060	16.023	3.197	#
12)	L3 AR-1232-2	5.382f	4.944	417415	27722	25.542	1.176	#
13)	L3 AR-1232-3	0.000	5.172f	0	953740	N.D.	73.664	#
14)	L3 AR-1232-4	0.000	5.218	0	593250	N.D.	53.512	#
15)	L3 AR-1232-5	0.000	5.372	0	4147262	N.D.	339.652	#
16)	L4 AR-1242-1	0.000	4.935	0	20687	N.D.	0.717	#
17)	L4 AR-1242-2	0.000	4.944	0	27722	N.D.	0.704	#
18)	L4 AR-1242-3	0.000	5.172f	0	953740	N.D.	42.381	#
19)	L4 AR-1242-4	0.000	5.218	0	593250	N.D.	27.488	#
20)	L4 AR-1242-5	6.586	5.750	4314141	1701388	132.399	59.141	#
21)	L5 AR-1248-1	0.000	4.935	0	20687	N.D.	0.940	#
22)	L5 AR-1248-2	0.000	5.172	0	953740	N.D.	31.723	#
23)	L5 AR-1248-3	0.000	5.218	0	593250	N.D.	19.147	#
24)	L5 AR-1248-4	6.586	5.372	4314141	4147262	78.266	112.259	#
25)	L5 AR-1248-5	6.586	5.798	4314141	656669	80.814	17.563	#
26)	L6 AR-1254-1	6.536	5.750	6171783	1701388	106.661	30.903	#
27)	L6 AR-1254-2	6.746	5.871	8432137	2458459	105.084	50.827	#
28)	L6 AR-1254-3	7.104	6.279	7645358	3085229	90.705	40.651	#
29)	L6 AR-1254-4	7.391	6.508	6024262	1499147	88.348	29.252	#
30)	L6 AR-1254-5	0.000	6.927	0	487831	N.D.	7.329	#
31)	L7 AR-1260-1	0.000	6.433	0	308365	N.D.	6.394	#
32)	L7 AR-1260-2	7.531	6.595	2805333	748524	36.052	12.210	#
33)	L7 AR-1260-3	0.000	6.754	0	578524	N.D.	9.617	#
34)	L7 AR-1260-4	8.090f	7.265	2564113	482300	38.864	10.379	#
35)	L7 AR-1260-5	8.392f	7.502	790356	41119	6.037	0.370	#
36)	L8 AR-1262-1	8.090	6.927f	2564113	487831	32.450	6.870	#
37)	L8 AR-1262-2	8.392f	7.265	790356	482300	5.168	7.909	#
38)	L8 AR-1262-3	0.000	7.763	0	278481	N.D.	5.325	#
39)	L8 AR-1262-4	0.000	7.857	0	615259	N.D.	6.656	#
41)	L9 AR-1268-1	0.000	7.763	0	278481	N.D.	1.919	#
42)	L9 AR-1268-2	0.000	7.857	0	615259	N.D.	4.632	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:59
Operator : YP\AJ
Sample : Q1382-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.021	0	69985	N.D.	0.615 #
45) L9	AR-1268-5	0.000	8.621	0	72156	N.D.	0.203 #

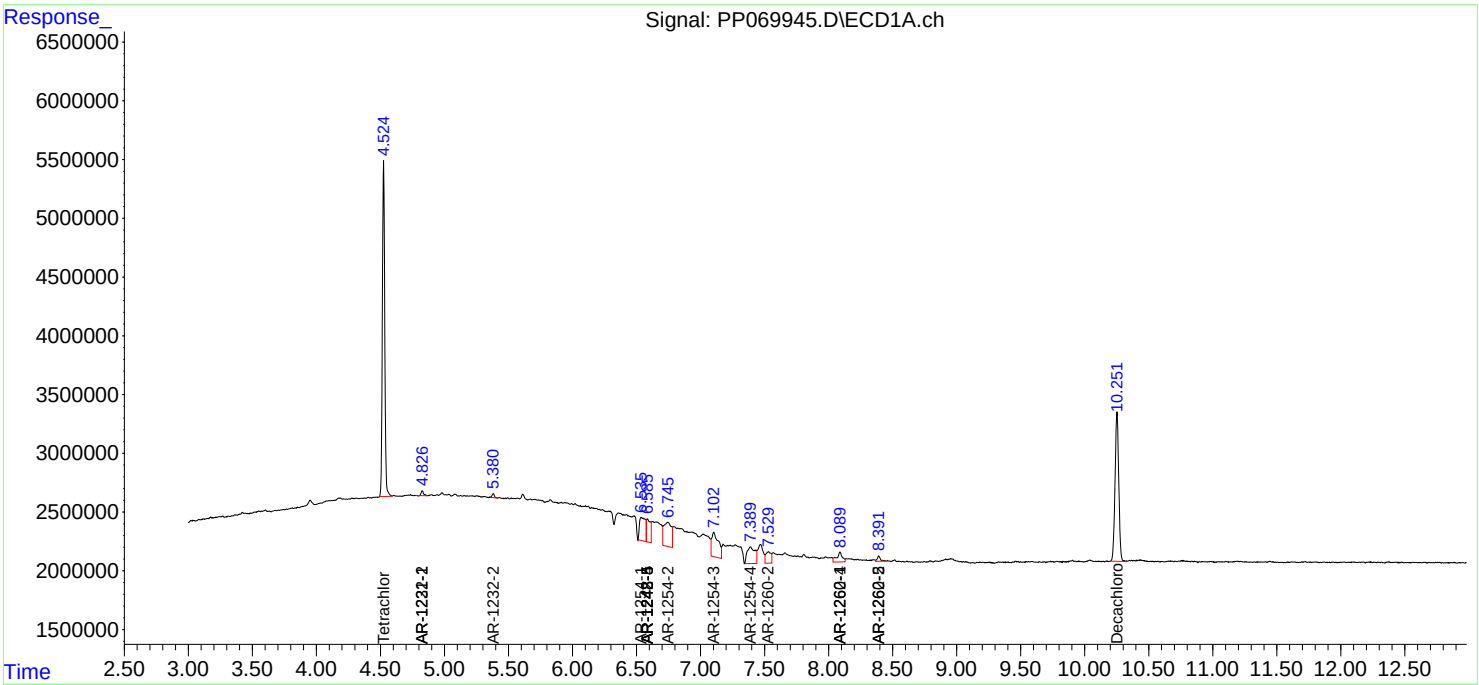
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

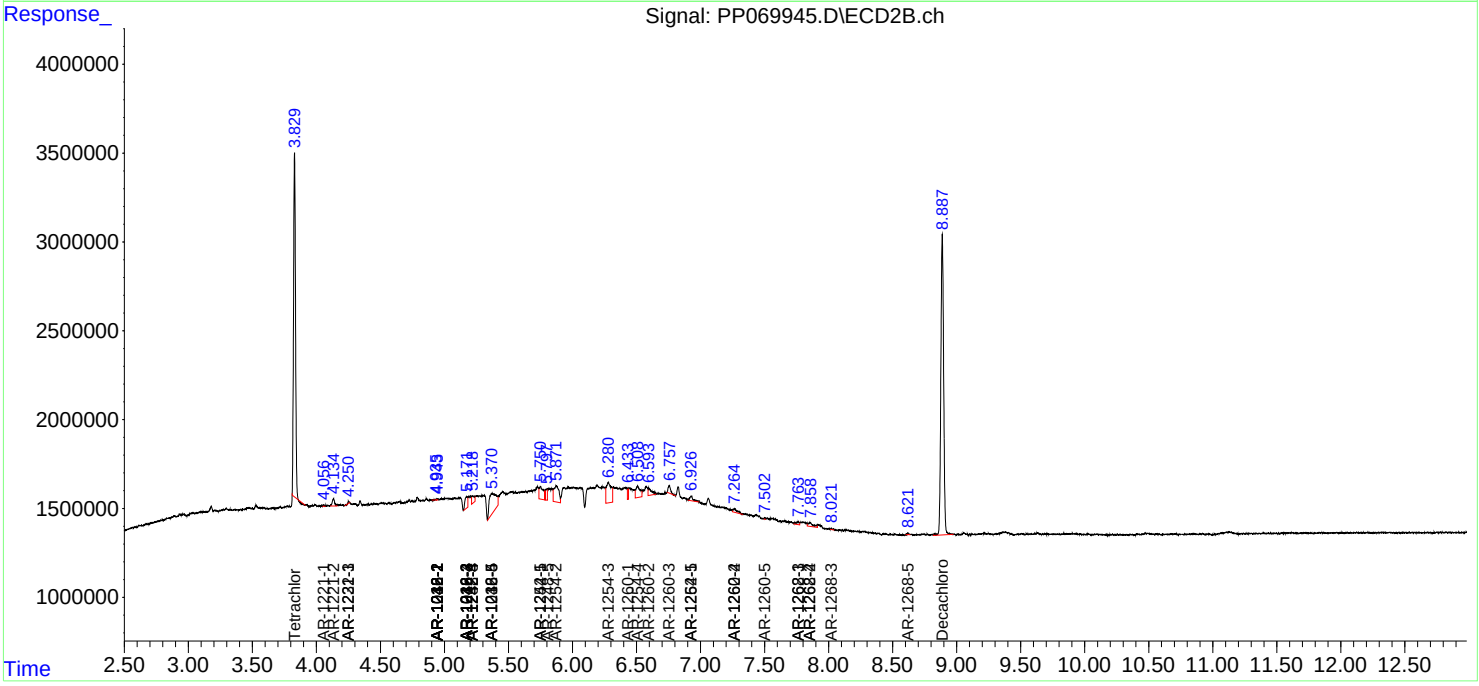
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:59
Operator : YP\AJ
Sample : Q1382-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

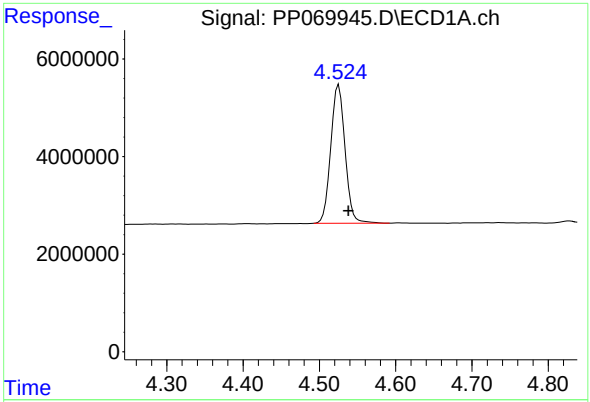
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



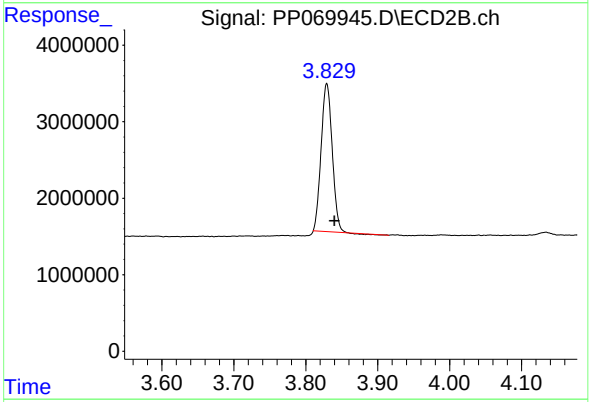




#1 Tetrachloro-m-xylene

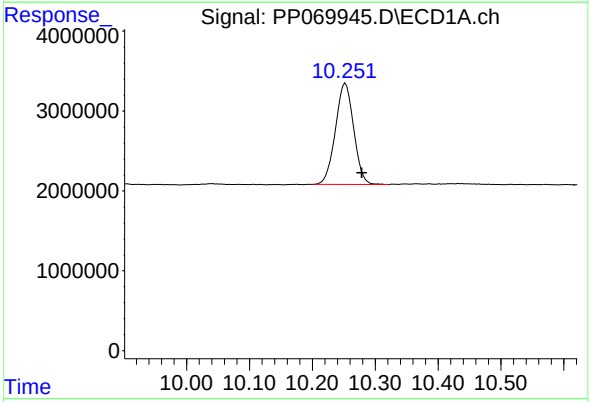
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 36898216
Conc: 25.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



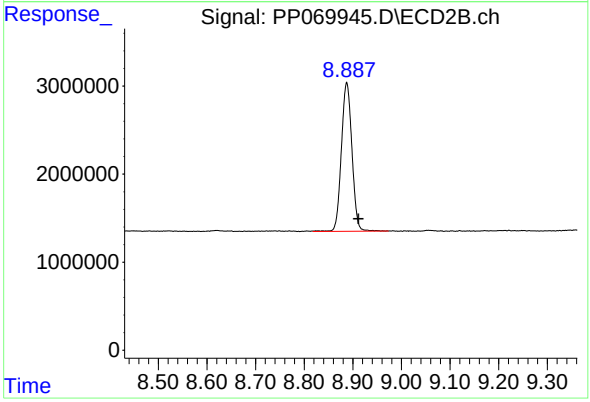
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20600820
Conc: 23.08 ng/ml



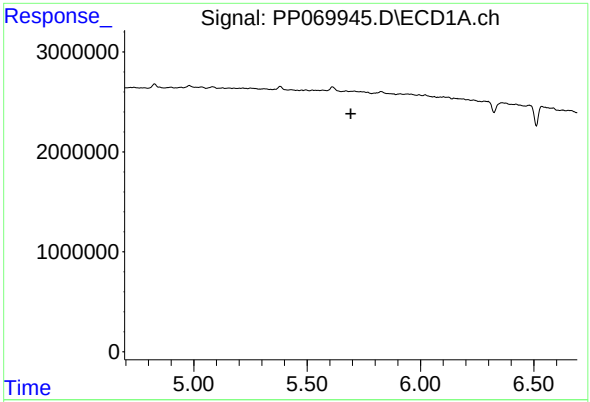
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 25546765
Conc: 23.38 ng/ml



#2 Decachlorobiphenyl

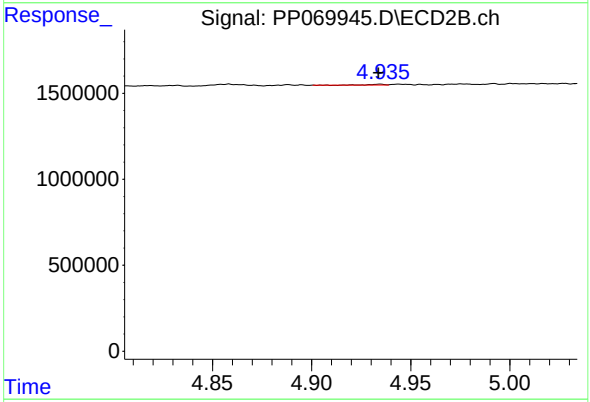
R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 25430992
Conc: 22.74 ng/ml



#3 AR-1016-1

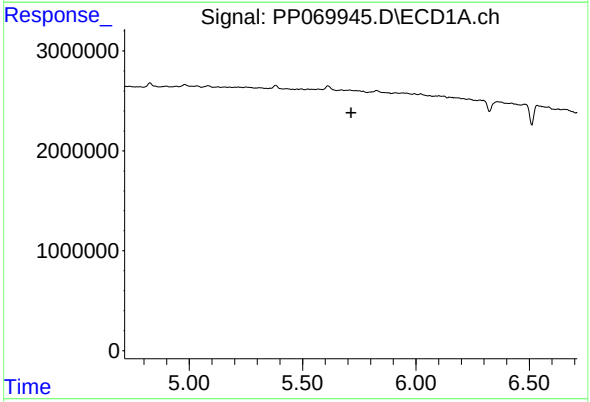
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



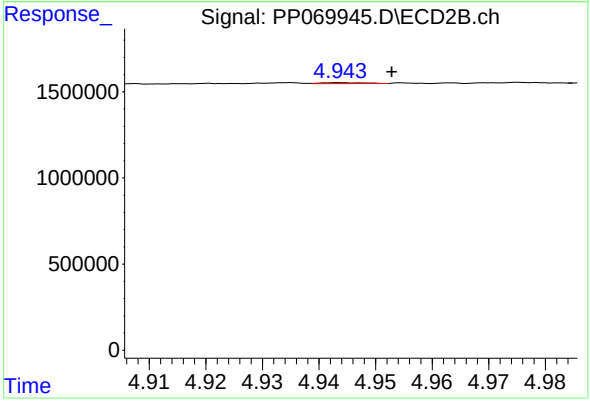
#3 AR-1016-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 20687
Conc: 0.63 ng/ml



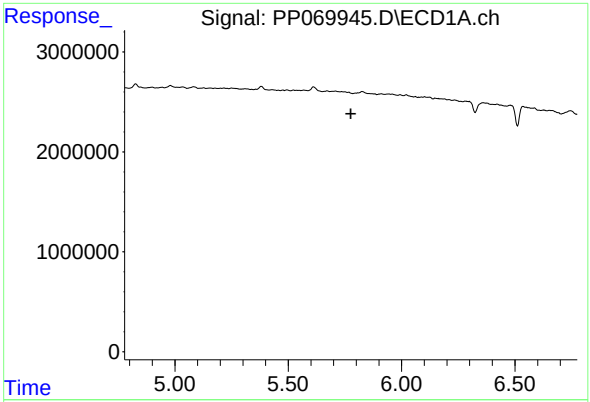
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

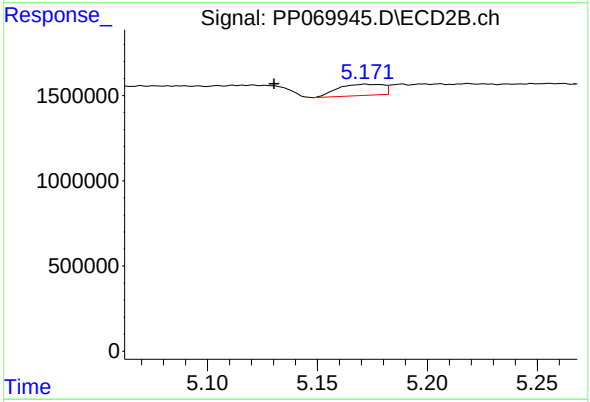
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 27722
Conc: 0.62 ng/ml



#5 AR-1016-3

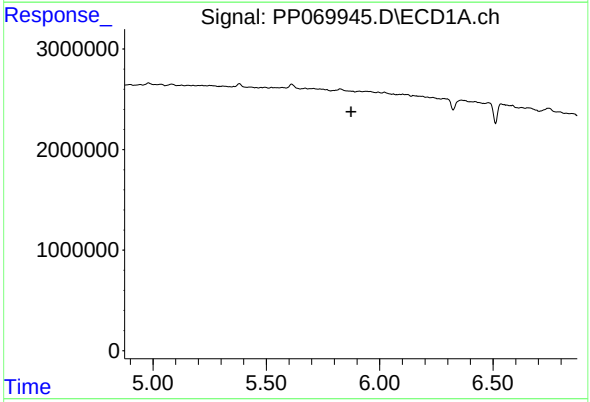
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



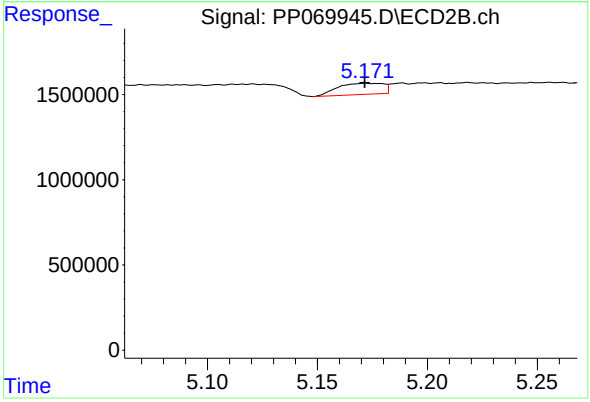
#5 AR-1016-3

R.T.: 5.172 min
Delta R.T.: 0.042 min
Response: 953740
Conc: 38.33 ng/ml



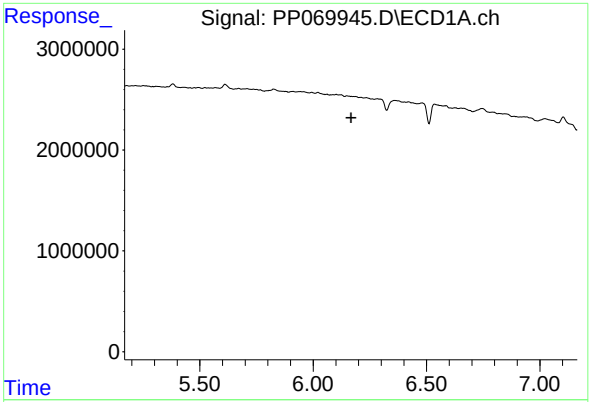
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

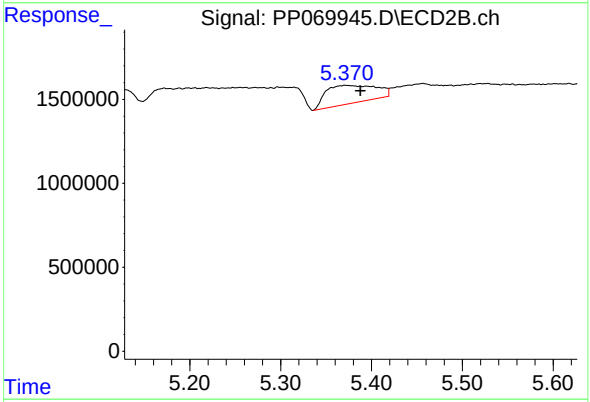
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 953740
Conc: 47.22 ng/ml



#7 AR-1016-5

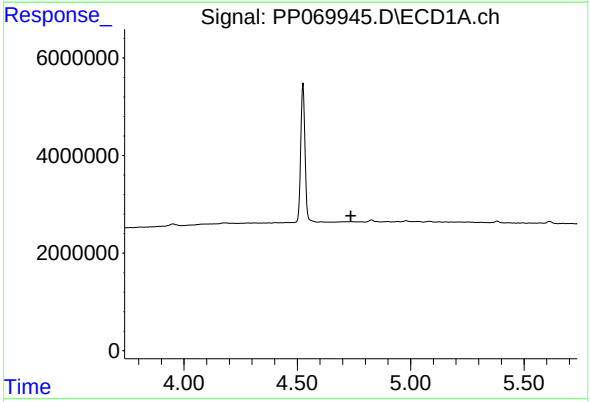
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



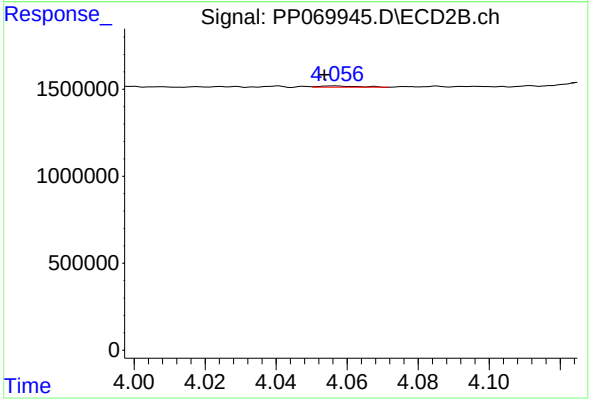
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 4147262
Conc: 154.61 ng/ml



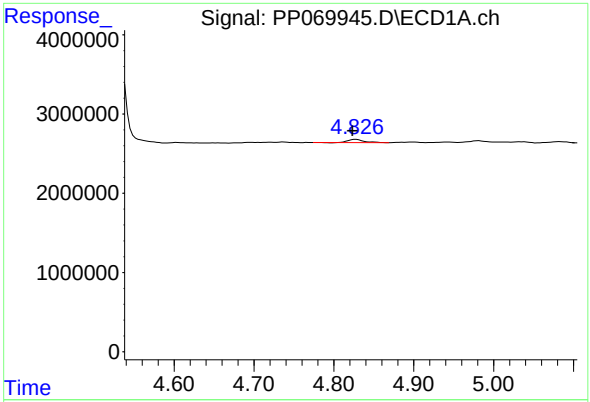
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

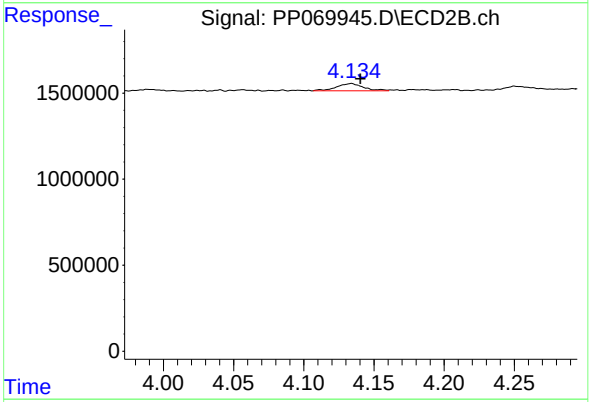
R.T.: 4.056 min
Delta R.T.: 0.003 min
Response: 57271
Conc: 4.65 ng/ml



#9 AR-1221-2

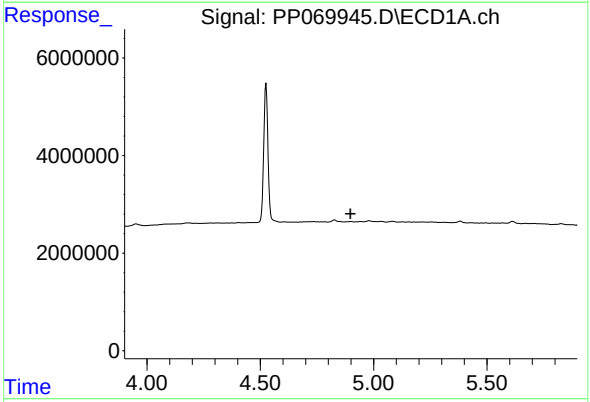
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 533476
Conc: 38.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



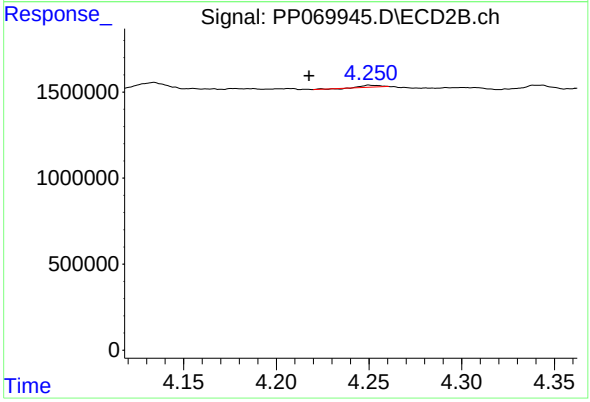
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.007 min
Response: 556555
Conc: 57.48 ng/ml



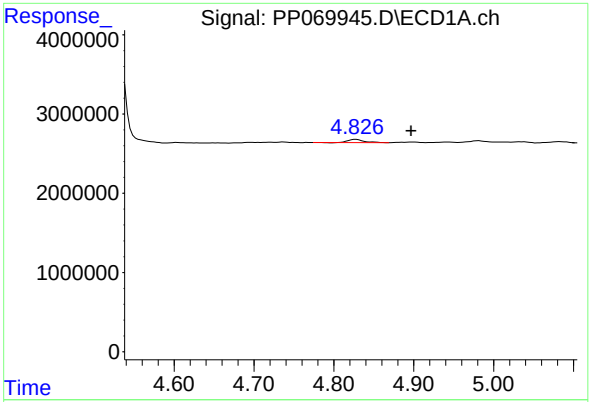
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

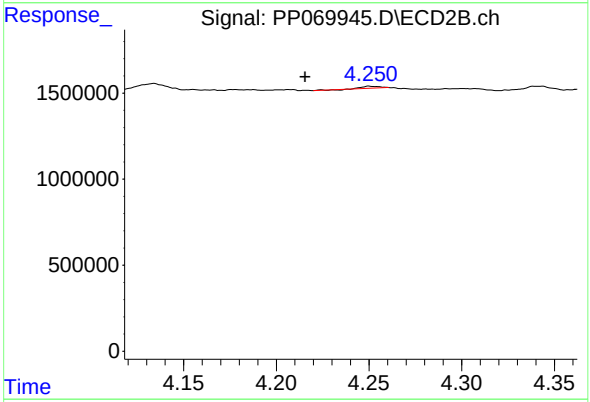
R.T.: 4.250 min
Delta R.T.: 0.033 min
Response: 75060
Conc: 2.57 ng/ml



#11 AR-1232-1

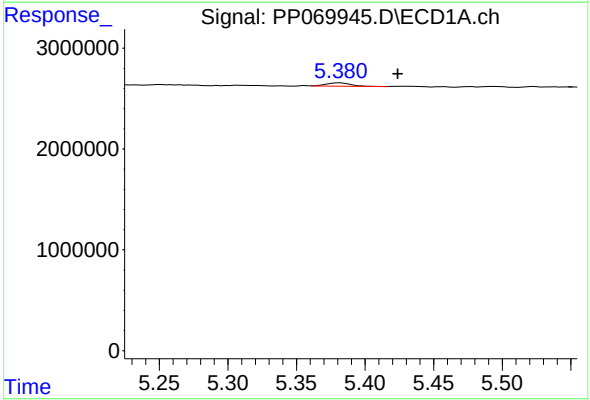
R.T.: 4.827 min
Delta R.T.: -0.069 min
Response: 533476
Conc: 16.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



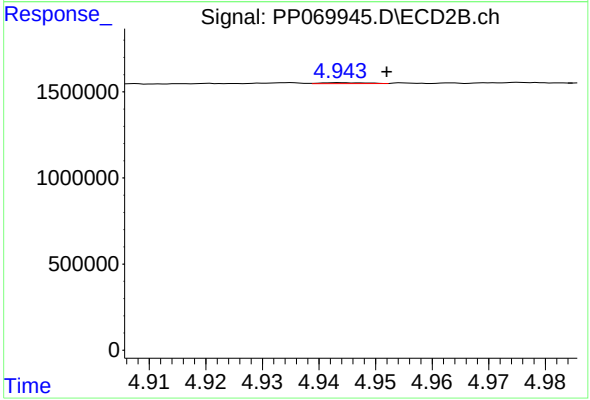
#11 AR-1232-1

R.T.: 4.250 min
Delta R.T.: 0.035 min
Response: 75060
Conc: 3.20 ng/ml



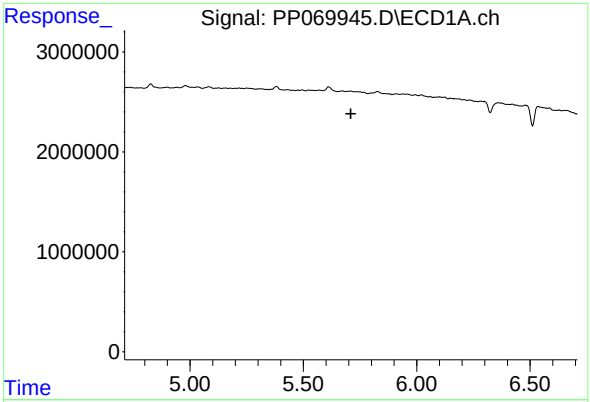
#12 AR-1232-2

R.T.: 5.382 min
Delta R.T.: -0.042 min
Response: 417415
Conc: 25.54 ng/ml



#12 AR-1232-2

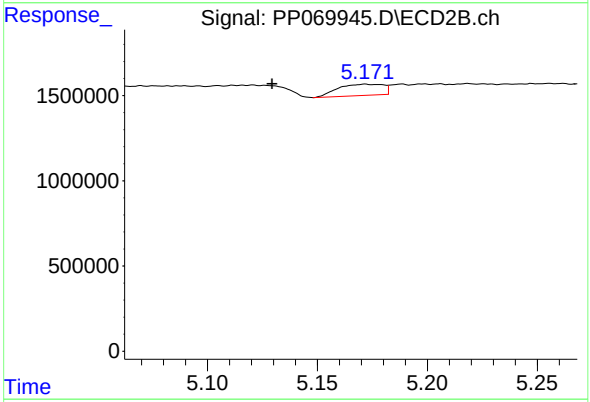
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 27722
Conc: 1.18 ng/ml



#13 AR-1232-3

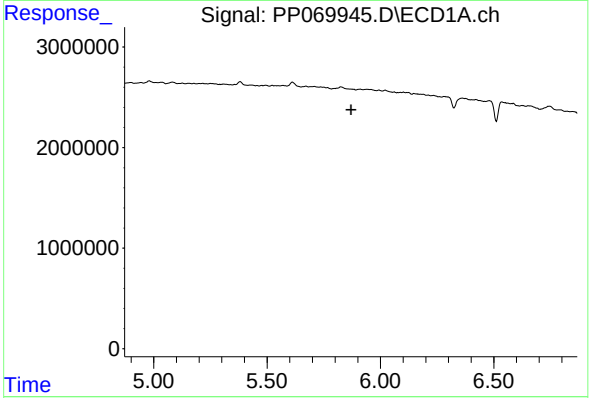
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



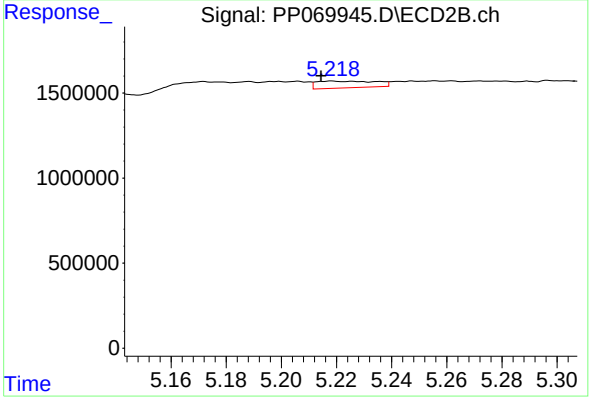
#13 AR-1232-3

R.T.: 5.172 min
Delta R.T.: 0.042 min
Response: 953740
Conc: 73.66 ng/ml



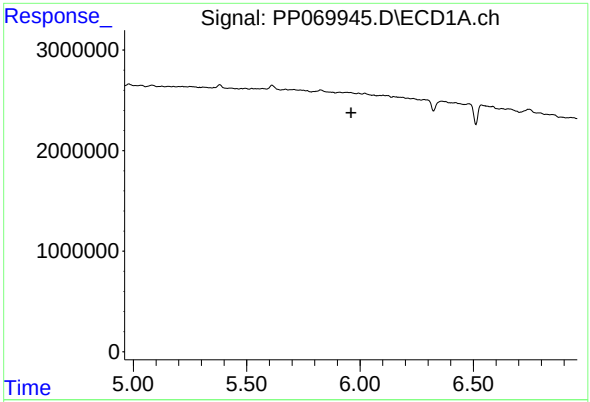
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

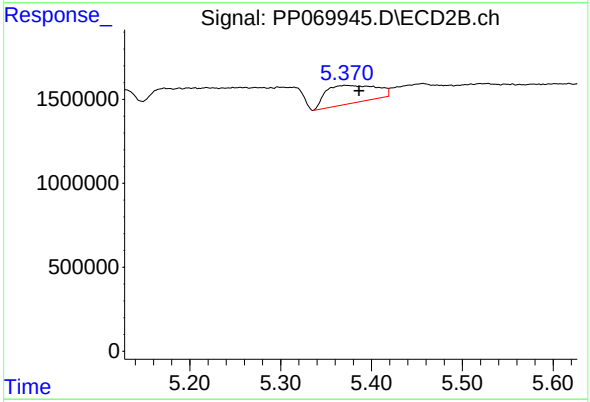
R.T.: 5.218 min
Delta R.T.: 0.004 min
Response: 593250
Conc: 53.51 ng/ml



#15 AR-1232-5

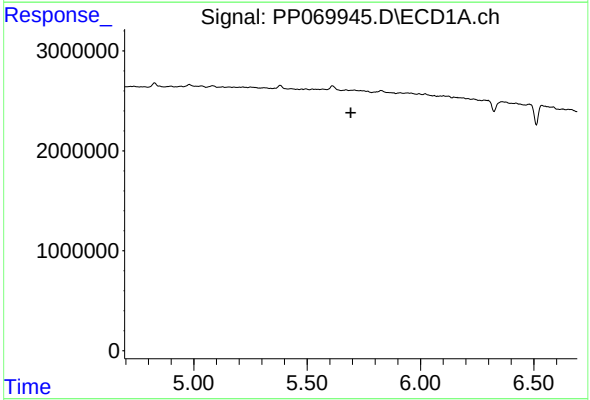
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



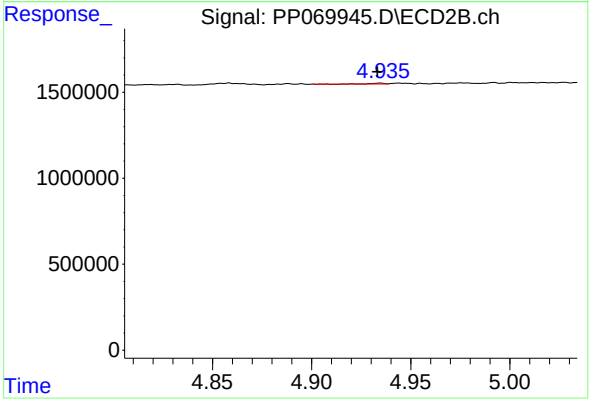
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 4147262
Conc: 339.65 ng/ml



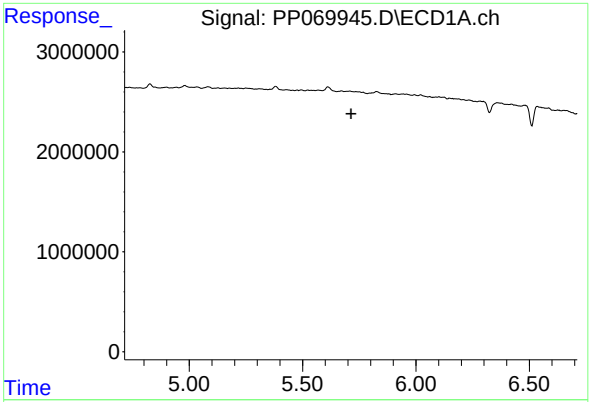
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

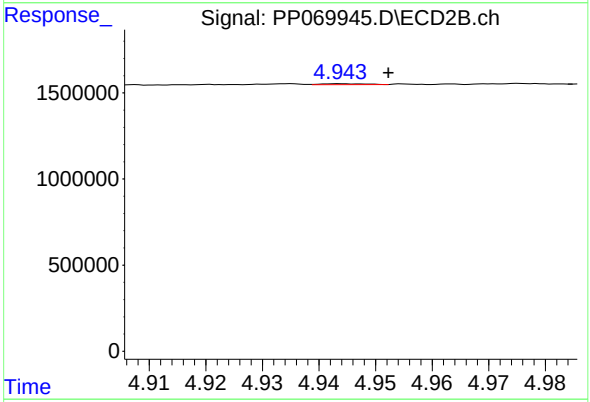
R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 20687
Conc: 0.72 ng/ml



#17 AR-1242-2

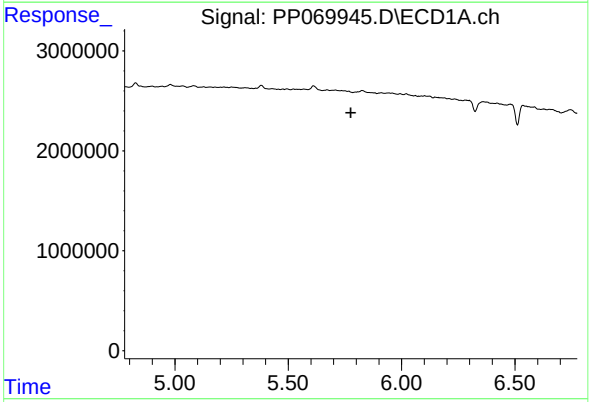
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



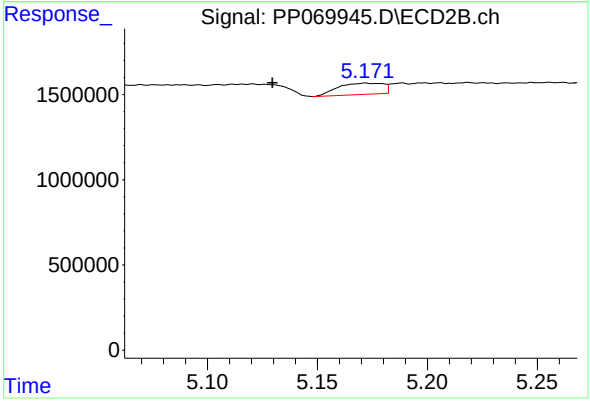
#17 AR-1242-2

R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 27722
Conc: 0.70 ng/ml



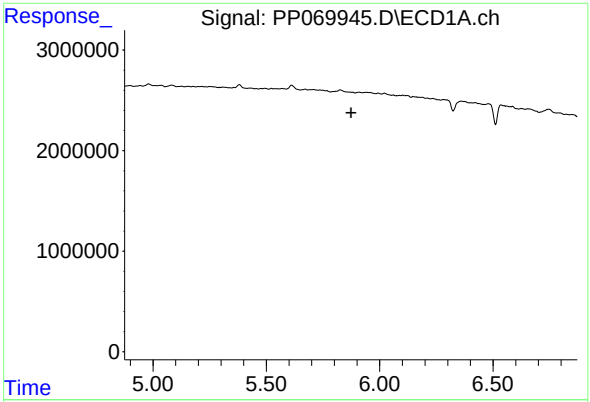
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

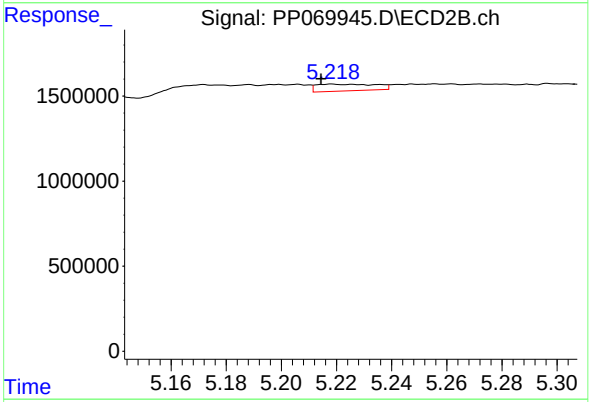
R.T.: 5.172 min
Delta R.T.: 0.042 min
Response: 953740
Conc: 42.38 ng/ml



#19 AR-1242-4

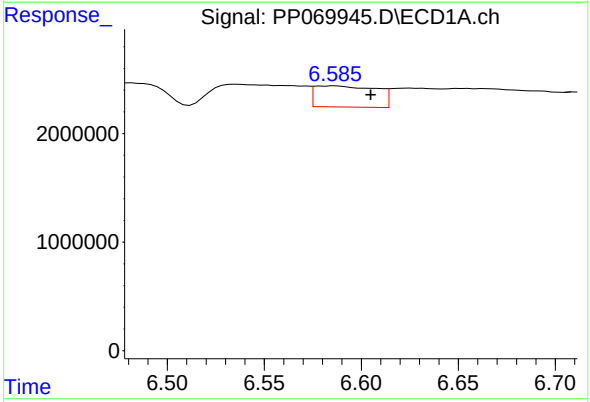
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



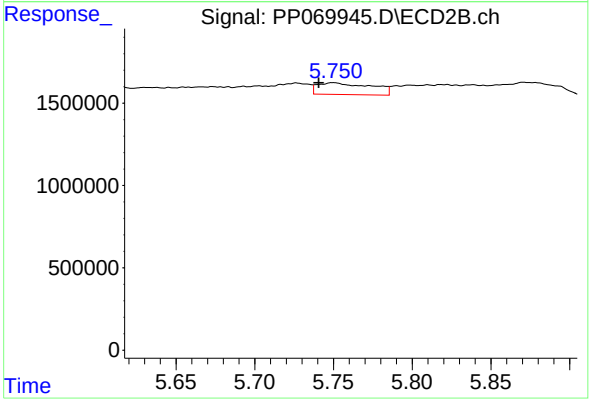
#19 AR-1242-4

R.T.: 5.218 min
Delta R.T.: 0.004 min
Response: 593250
Conc: 27.49 ng/ml



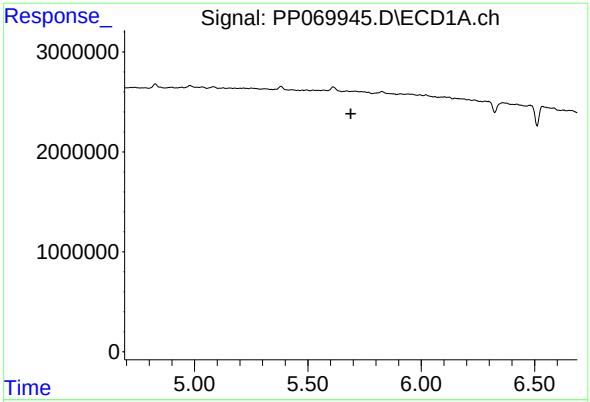
#20 AR-1242-5

R.T.: 6.586 min
Delta R.T.: -0.018 min
Response: 4314141
Conc: 132.40 ng/ml



#20 AR-1242-5

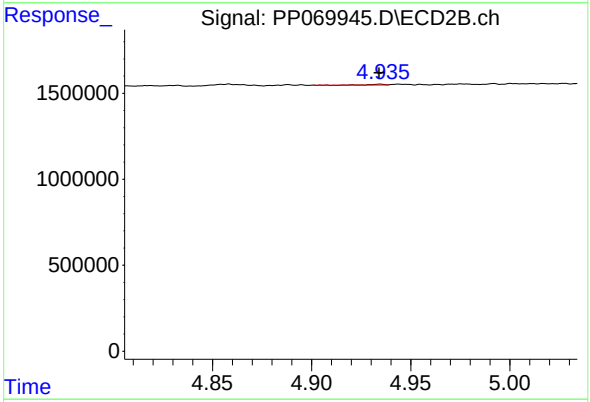
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1701388
Conc: 59.14 ng/ml



#21 AR-1248-1

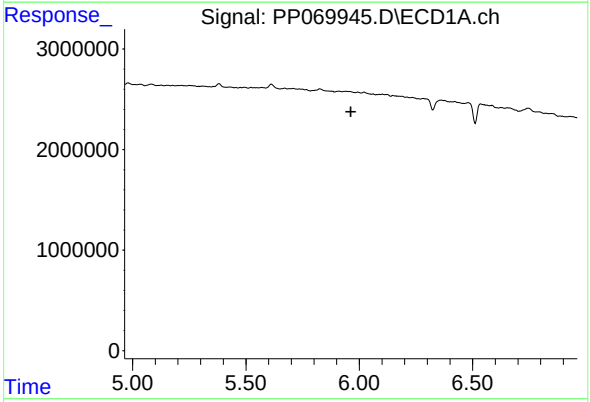
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



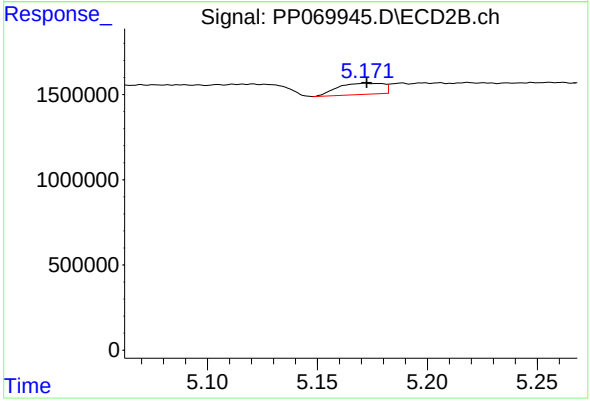
#21 AR-1248-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 20687
Conc: 0.94 ng/ml



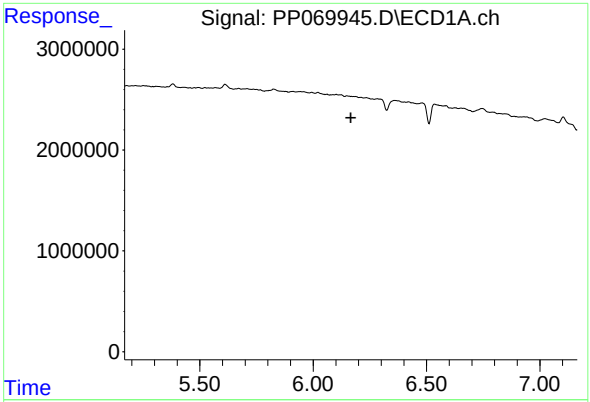
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

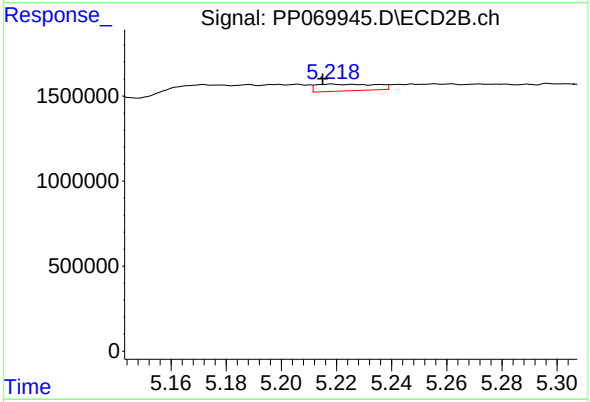
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 953740
Conc: 31.72 ng/ml



#23 AR-1248-3

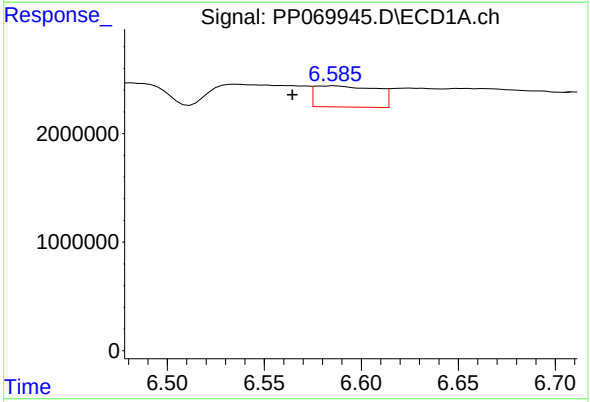
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



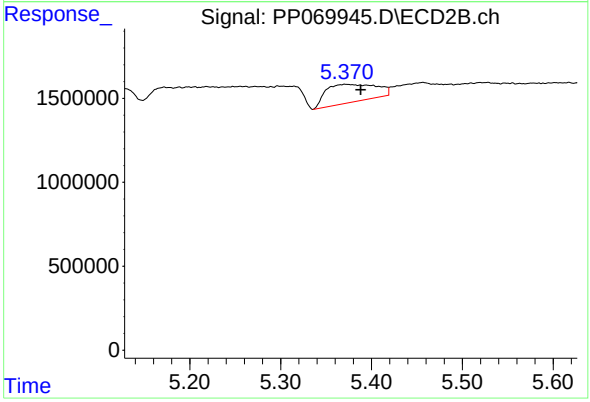
#23 AR-1248-3

R.T.: 5.218 min
Delta R.T.: 0.003 min
Response: 593250
Conc: 19.15 ng/ml



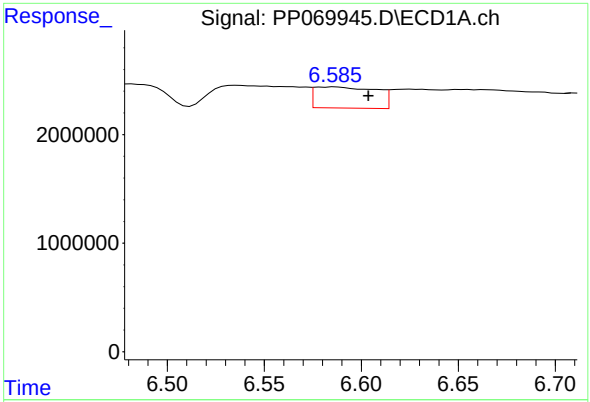
#24 AR-1248-4

R.T.: 6.586 min
Delta R.T.: 0.022 min
Response: 4314141
Conc: 78.27 ng/ml



#24 AR-1248-4

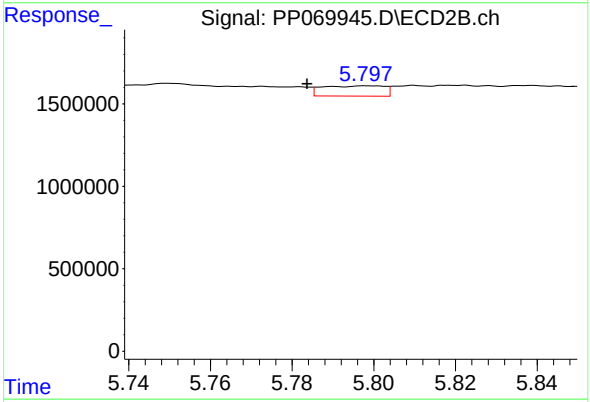
R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 4147262
Conc: 112.26 ng/ml



#25 AR-1248-5

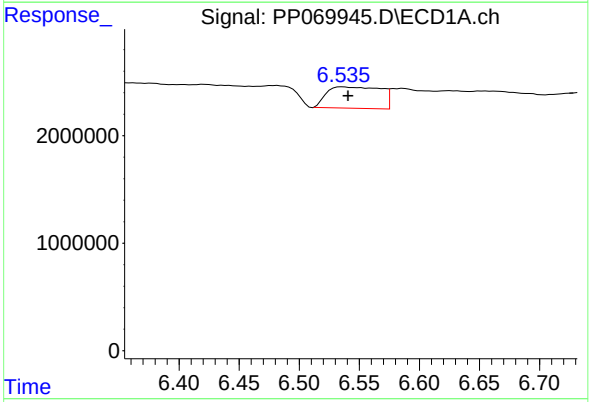
R.T.: 6.586 min
Delta R.T.: -0.017 min
Response: 4314141
Conc: 80.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



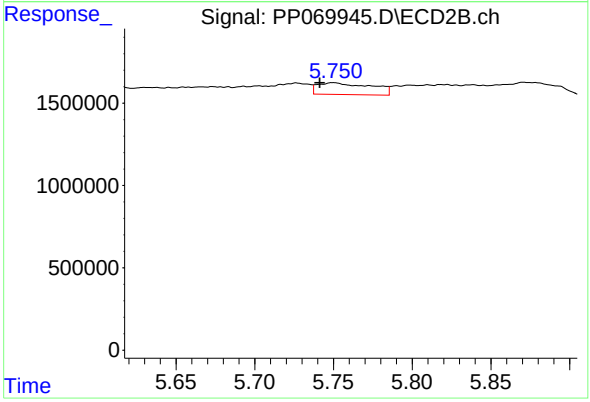
#25 AR-1248-5

R.T.: 5.798 min
Delta R.T.: 0.015 min
Response: 656669
Conc: 17.56 ng/ml



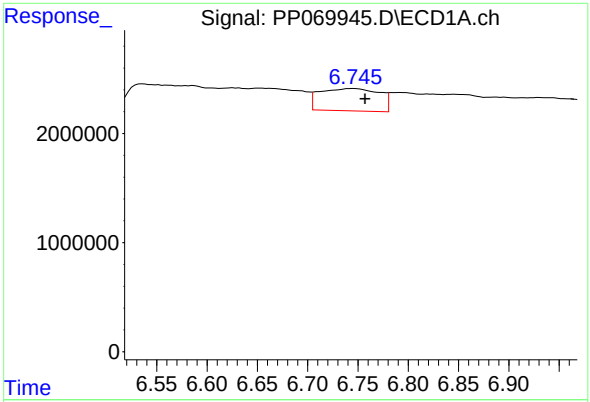
#26 AR-1254-1

R.T.: 6.536 min
Delta R.T.: -0.005 min
Response: 6171783
Conc: 106.66 ng/ml



#26 AR-1254-1

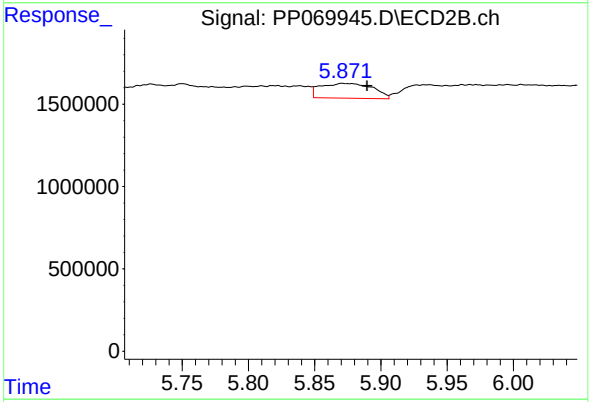
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1701388
Conc: 30.90 ng/ml



#27 AR-1254-2

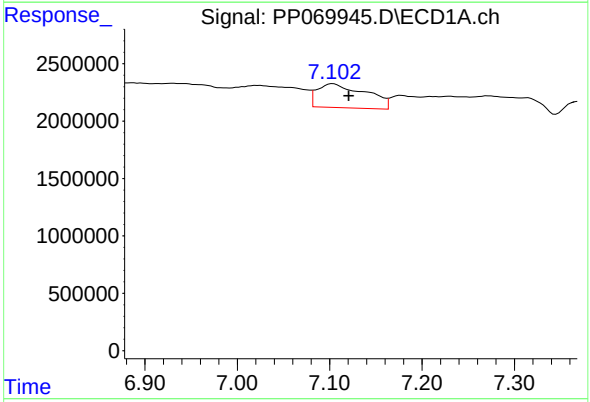
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 8432137
Conc: 105.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



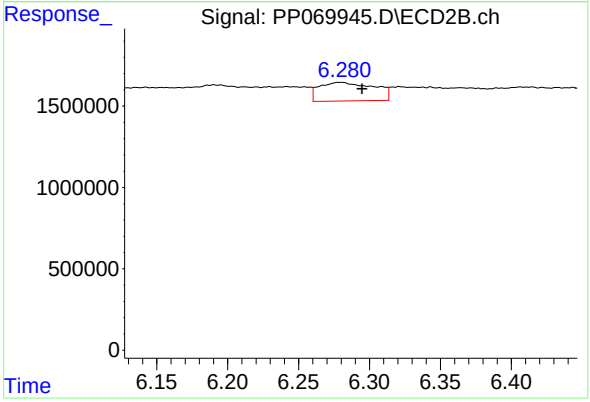
#27 AR-1254-2

R.T.: 5.871 min
Delta R.T.: -0.019 min
Response: 2458459
Conc: 50.83 ng/ml



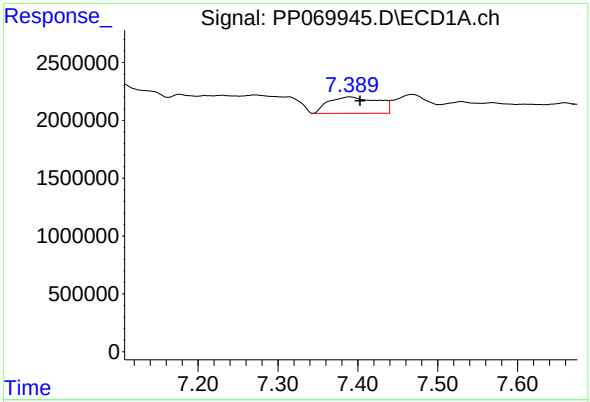
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.017 min
Response: 7645358
Conc: 90.70 ng/ml



#28 AR-1254-3

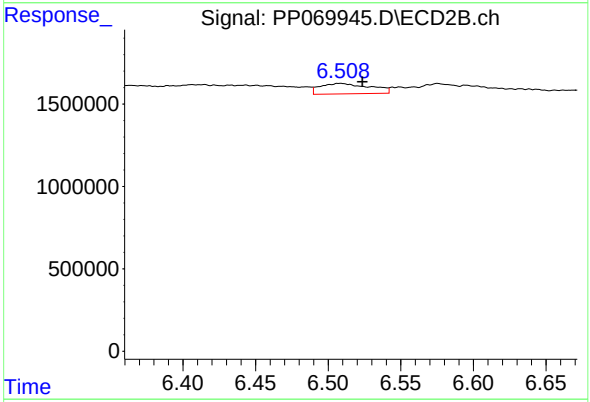
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 3085229
Conc: 40.65 ng/ml



#29 AR-1254-4

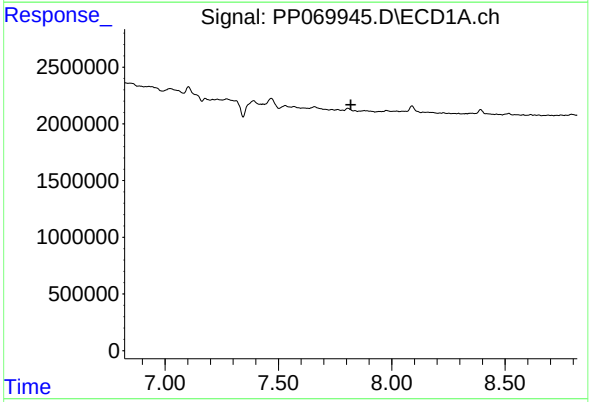
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 6024262
Conc: 88.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



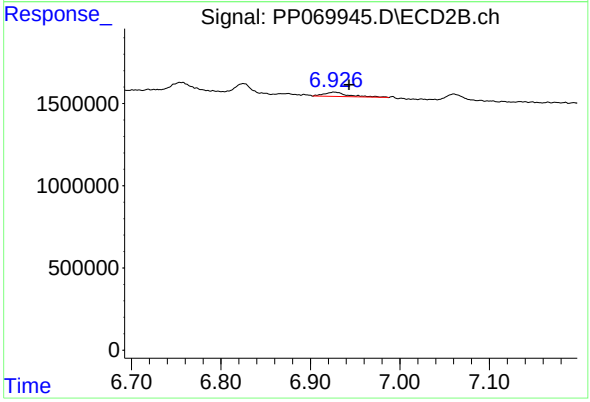
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 1499147
Conc: 29.25 ng/ml



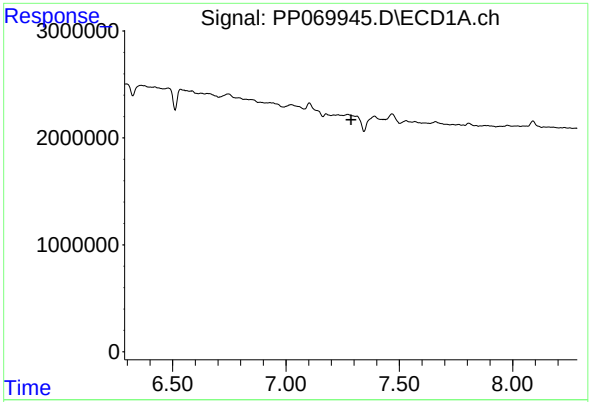
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

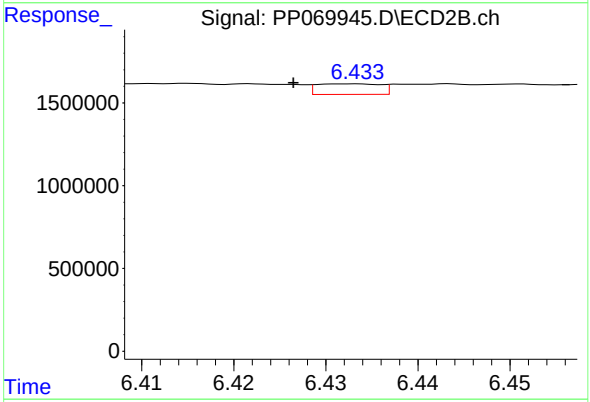
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 487831
Conc: 7.33 ng/ml



#31 AR-1260-1

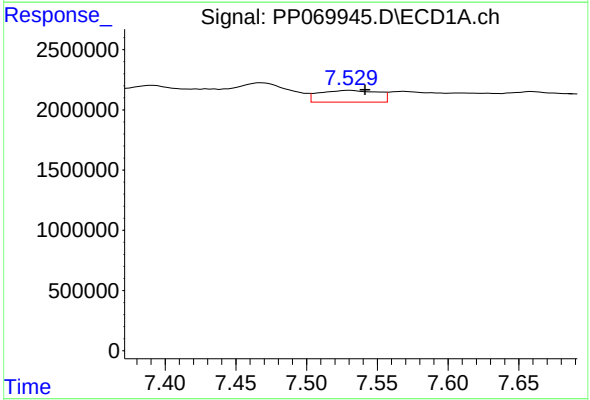
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



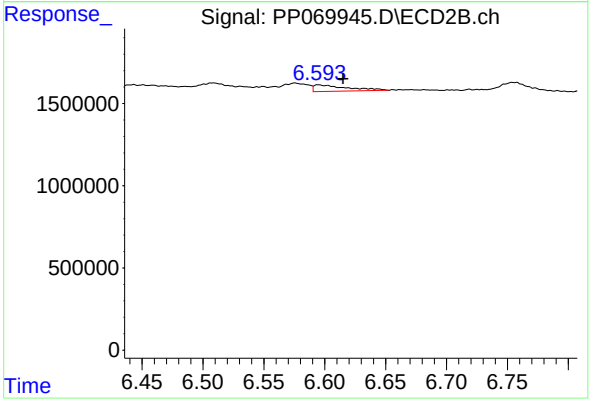
#31 AR-1260-1

R.T.: 6.433 min
Delta R.T.: 0.006 min
Response: 308365
Conc: 6.39 ng/ml



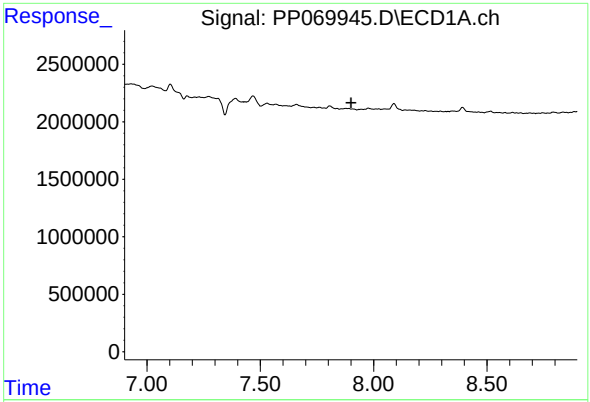
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 2805333
Conc: 36.05 ng/ml



#32 AR-1260-2

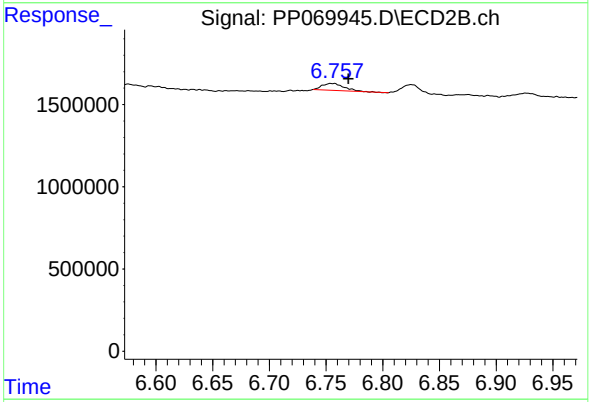
R.T.: 6.595 min
Delta R.T.: -0.020 min
Response: 748524
Conc: 12.21 ng/ml



#33 AR-1260-3

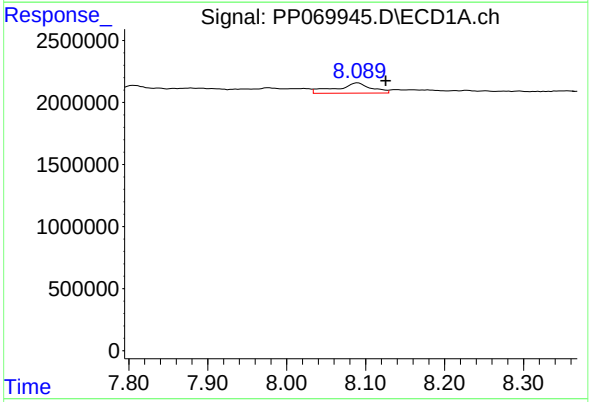
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



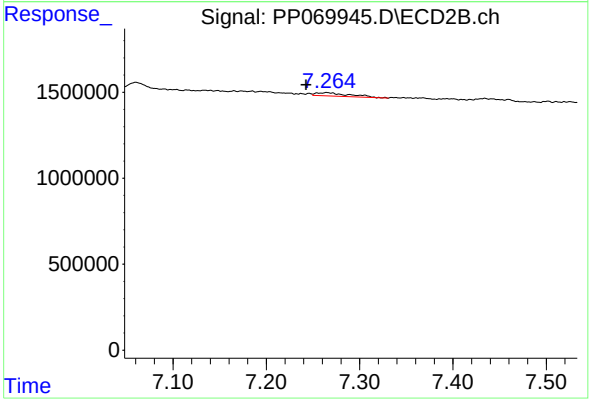
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.015 min
Response: 578524
Conc: 9.62 ng/ml



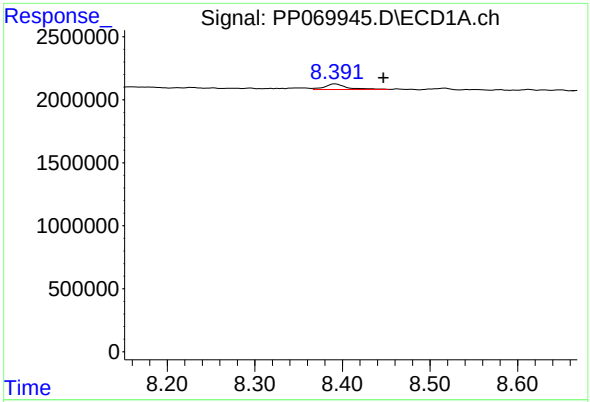
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.035 min
Response: 2564113
Conc: 38.86 ng/ml



#34 AR-1260-4

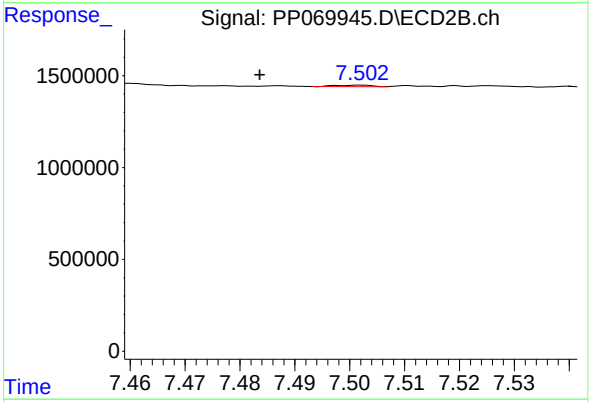
R.T.: 7.265 min
Delta R.T.: 0.022 min
Response: 482300
Conc: 10.38 ng/ml



#35 AR-1260-5

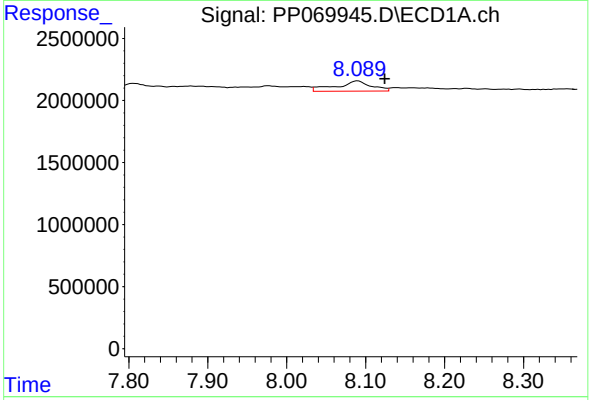
R.T.: 8.392 min
Delta R.T.: -0.055 min
Response: 790356
Conc: 6.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



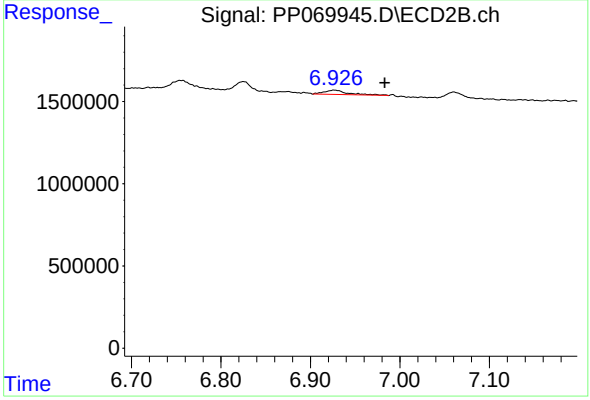
#35 AR-1260-5

R.T.: 7.502 min
Delta R.T.: 0.018 min
Response: 41119
Conc: 0.37 ng/ml



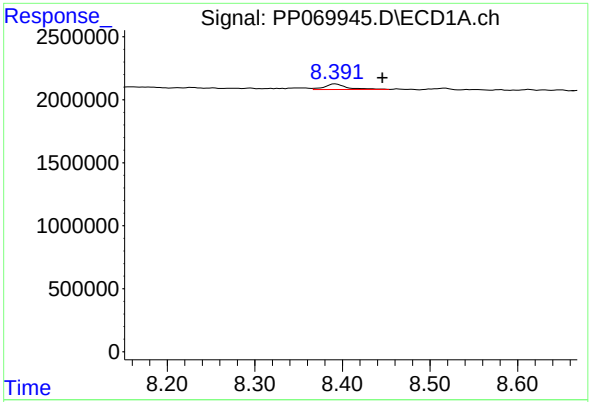
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 2564113
Conc: 32.45 ng/ml



#36 AR-1262-1

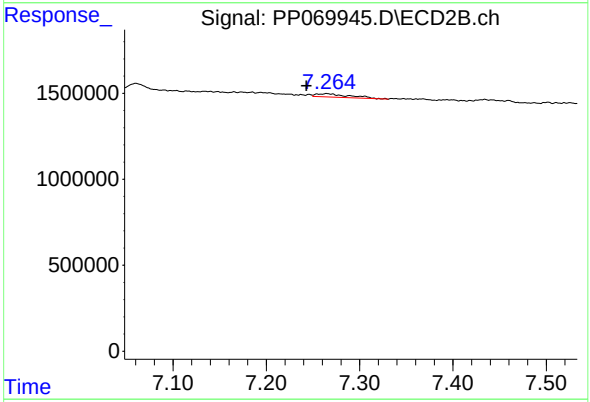
R.T.: 6.927 min
Delta R.T.: -0.056 min
Response: 487831
Conc: 6.87 ng/ml



#37 AR-1262-2

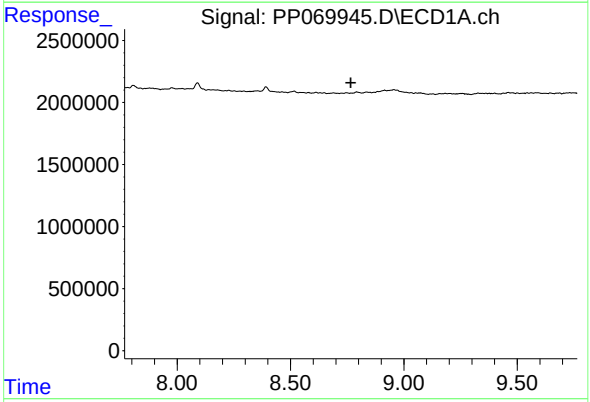
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 790356
Conc: 5.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



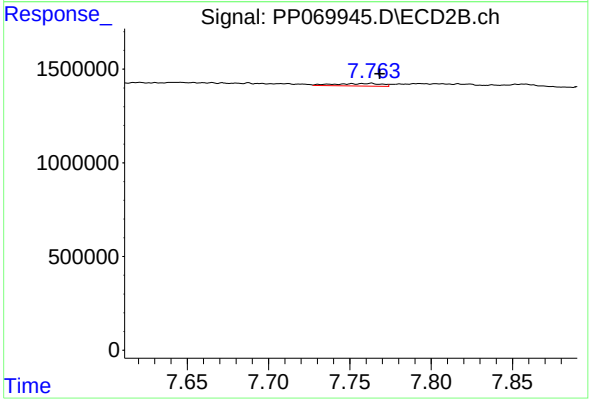
#37 AR-1262-2

R.T.: 7.265 min
Delta R.T.: 0.022 min
Response: 482300
Conc: 7.91 ng/ml



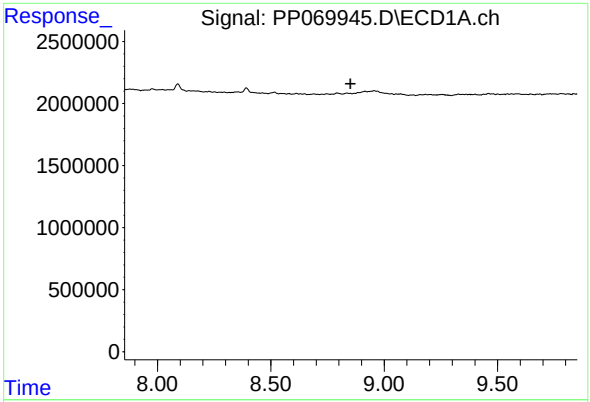
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

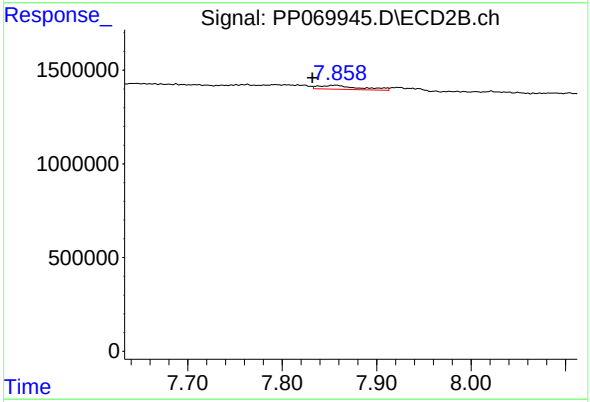
R.T.: 7.763 min
Delta R.T.: -0.005 min
Response: 278481
Conc: 5.32 ng/ml



#39 AR-1262-4

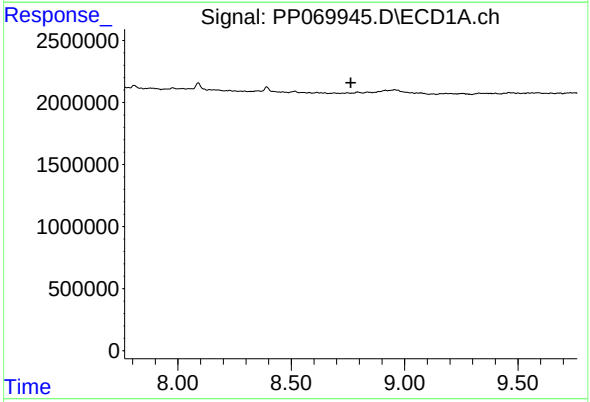
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



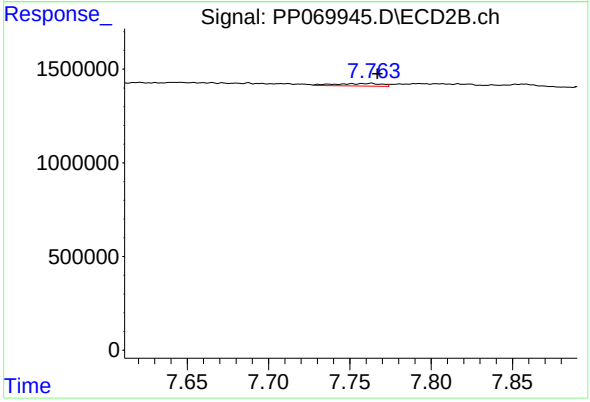
#39 AR-1262-4

R.T.: 7.857 min
Delta R.T.: 0.025 min
Response: 615259
Conc: 6.66 ng/ml



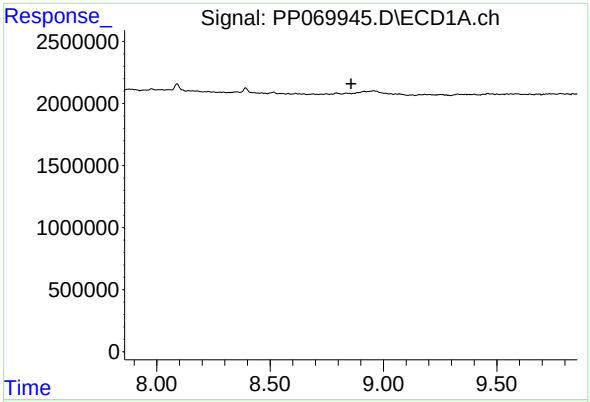
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

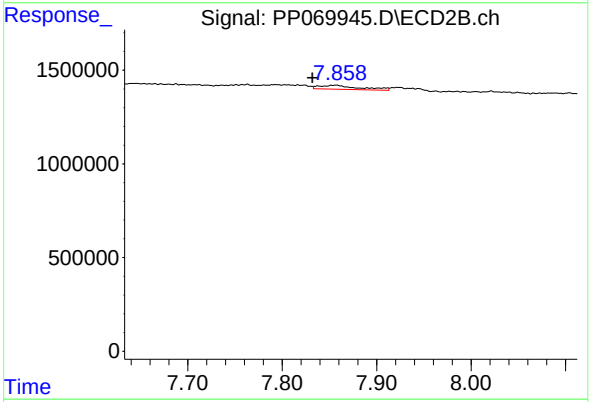
R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 278481
Conc: 1.92 ng/ml



#42 AR-1268-2

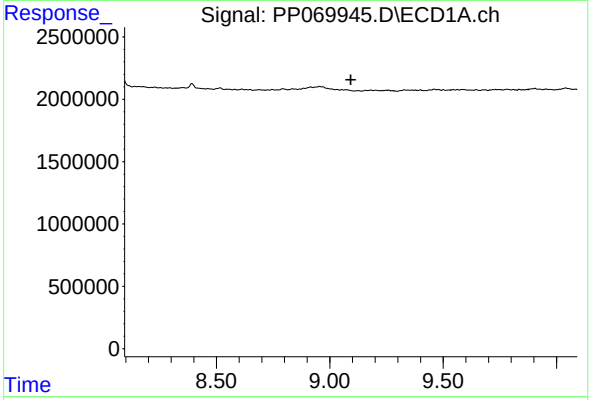
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



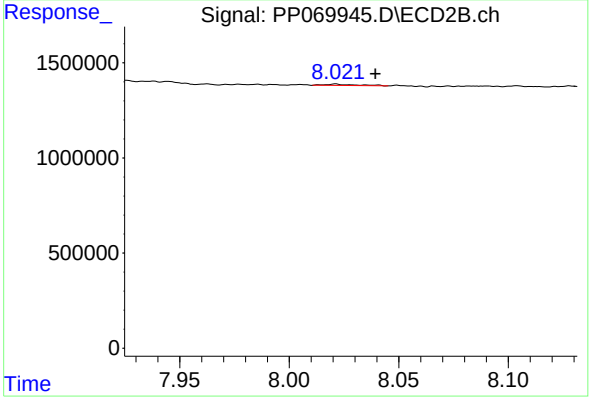
#42 AR-1268-2

R.T.: 7.857 min
Delta R.T.: 0.025 min
Response: 615259
Conc: 4.63 ng/ml



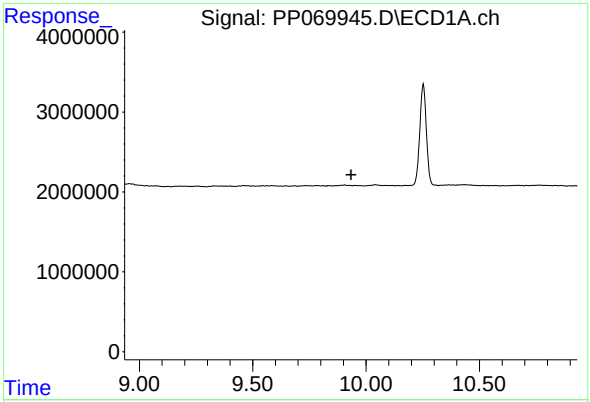
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

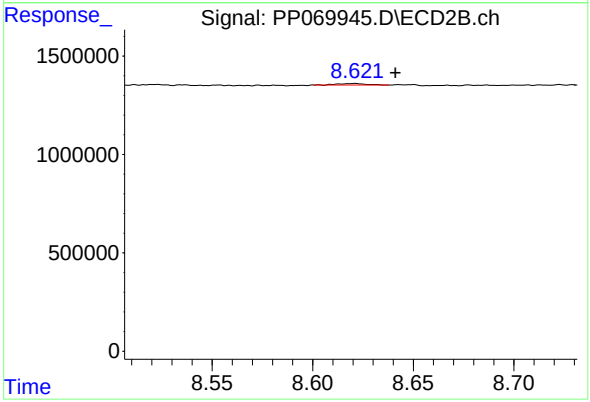
R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 69985
Conc: 0.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-05-021725



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 72156
Conc: 0.20 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
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: Feb 22 00:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	79005342	44959112	55.191	50.372	
2)	SA Decachlor...	10.250	8.886	59944075	56215659	54.849	50.261	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.938	37437147	21641423	808.002	663.541	
4)	L1 AR-1016-2	5.699	4.938	37437147	21641423	551.542	481.365	
5)	L1 AR-1016-3	5.762	5.115	22802224	12909023	535.306	518.768	
6)	L1 AR-1016-4	5.859	5.157	19281965	9497952	550.906	470.282	
7)	L1 AR-1016-5	6.152	5.372	16141594	16084008	488.273	599.615	
8)	L2 AR-1221-1	4.723	4.039	2487637	1830002	130.794	148.563	
9)	L2 AR-1221-2	4.812	4.127	3976404	2726914	290.407	281.608	
10)	L2 AR-1221-3	4.887	4.204	13478893	9734452	321.359	333.667	
11)	L3 AR-1232-1	4.887	4.204	13478893	9734452	404.849	414.594	
12)	L3 AR-1232-2	5.413	4.938	18076404	21641423	1106.131	918.108	
13)	L3 AR-1232-3	5.699	5.115	37437147	12909023	1089.589	997.048	
14)	L3 AR-1232-4	5.859	5.199	19281965	12382974	1082.272	1116.961	
15)	L3 AR-1232-5	5.949	5.372	16193745	16084008	1412.769	1317.247	
16)	L4 AR-1242-1	5.699	4.938	37437147	21641423	897.660	750.604	
17)	L4 AR-1242-2	5.699	4.938	37437147	21641423	634.625	549.306	
18)	L4 AR-1242-3	5.762	5.115	22802224	12909023	614.638	573.630	
19)	L4 AR-1242-4	5.859	5.199	19281965	12382974	587.960	573.758	
20)	L4 AR-1242-5	6.590	5.725	9843954	13964145	302.107	485.399	#
21)	L5 AR-1248-1	5.699	4.938	37437147	21641423	1154.076	983.229	
22)	L5 AR-1248-2	5.949	5.157	16193745	9497952	381.510	315.918	
23)	L5 AR-1248-3	6.152	5.231	16141594	4297947	343.532	138.714	#
24)	L5 AR-1248-4	6.549	5.372	7300692	16084008	132.448	435.365	#
25)	L5 AR-1248-5	6.590	5.766	9843954	3925985	184.400	105.003	#
26)	L6 AR-1254-1	6.549	5.725	7300692	13964145	126.170	253.636	#
27)	L6 AR-1254-2	6.743	5.873	18496470	10858938	230.509	224.503	
28)	L6 AR-1254-3	7.105	6.294	11769519	26238796	139.634	345.720	#
29)	L6 AR-1254-4	7.390	6.537	9642351	6925622	141.409	135.135	
30)	L6 AR-1254-5	7.835	6.925	5530261	33179053	81.272	498.480	#
31)	L7 AR-1260-1	7.271	6.410	35076653	26307573	600.255	545.466	
32)	L7 AR-1260-2	7.525	6.598	42714191	33435044	548.935	545.400	
33)	L7 AR-1260-3	7.883	6.752	34879740	16451088	557.904	273.472	#
34)	L7 AR-1260-4	8.108	7.225	34238610	25100406	518.950	540.169	
35)	L7 AR-1260-5	8.428	7.465	69053683	61593431	527.426	554.171	
36)	L8 AR-1262-1	8.108	6.964	34238610	30015981	433.300	422.682	
37)	L8 AR-1262-2	8.428	7.225	69053683	25100406	451.558	411.621	
38)	L8 AR-1262-3	8.752	7.749	44460851	16210038	418.338	309.948	#
39)	L8 AR-1262-4	8.831	7.812	28921730	43810489	353.597	473.952	#
40)	L8 AR-1262-5	9.488	8.315	21132985	18106006	373.307	378.848	
41)	L9 AR-1268-1	8.752	7.749	44460851	16210038	251.791	111.699	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
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: Feb 22 00:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.812	28921730	43810489	183.780	329.860 #
43) L9	AR-1268-3	9.070	8.021	1133138	956731	8.473	8.412
44) L9	AR-1268-4	9.488	8.315	21132985	18106006	359.889	347.671
45) L9	AR-1268-5	9.907	8.619	5785192	4389683	15.188	12.324

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

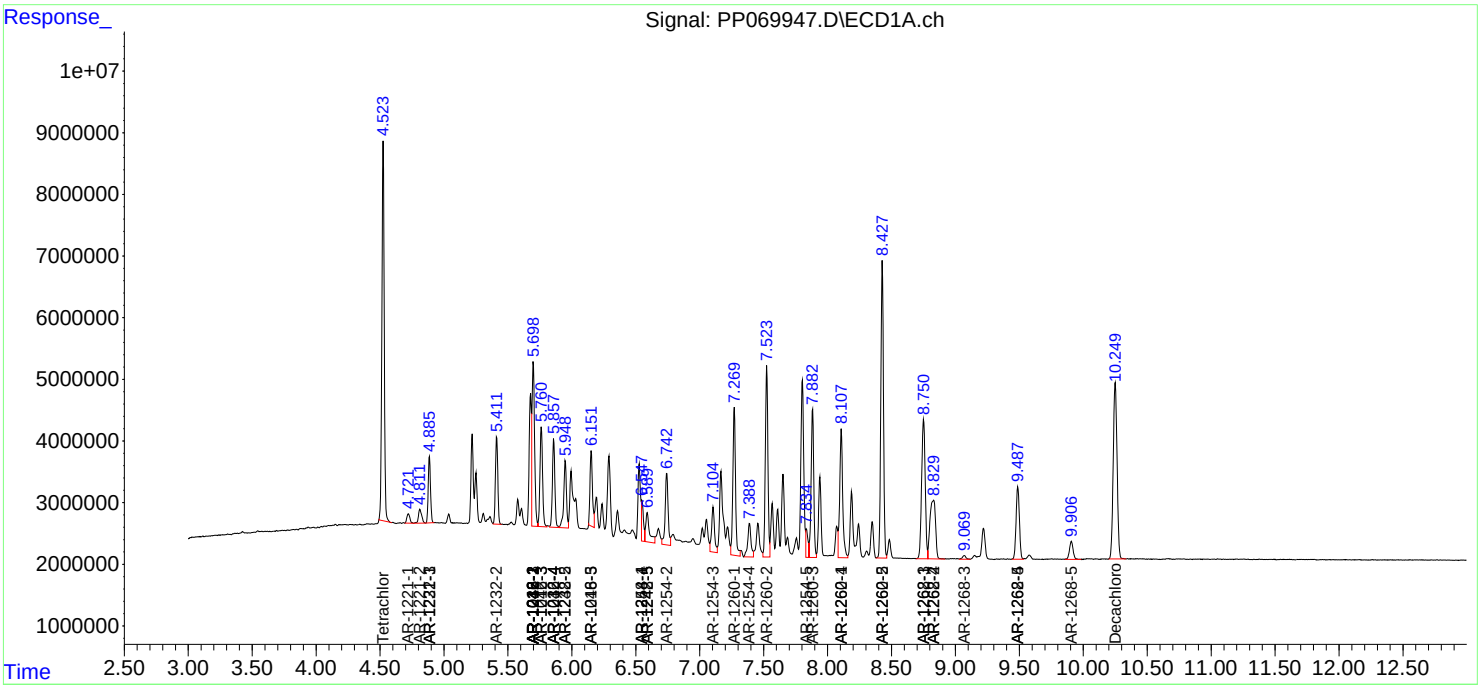
Quantitation Report (Not Reviewed)

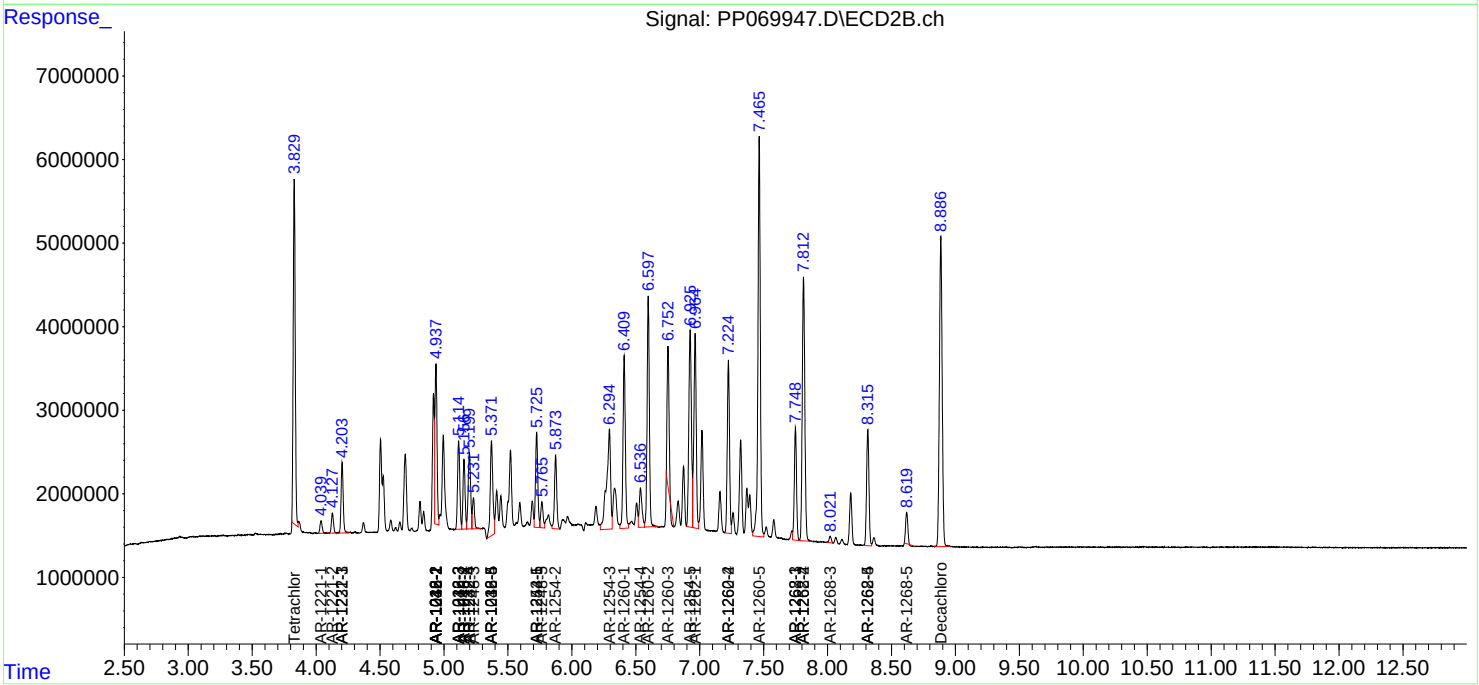
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

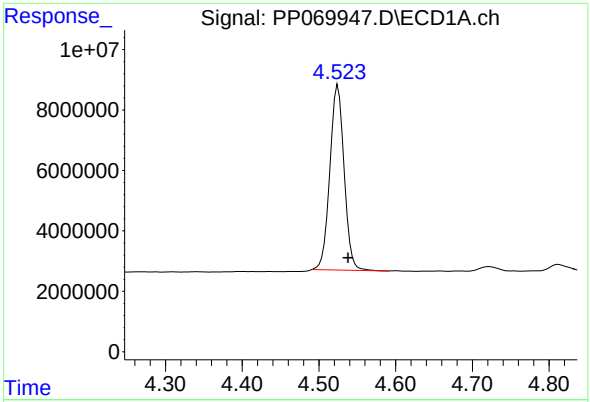
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



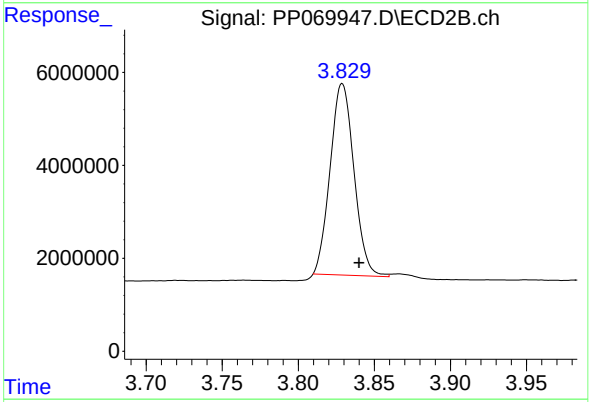




#1 Tetrachloro-m-xylene

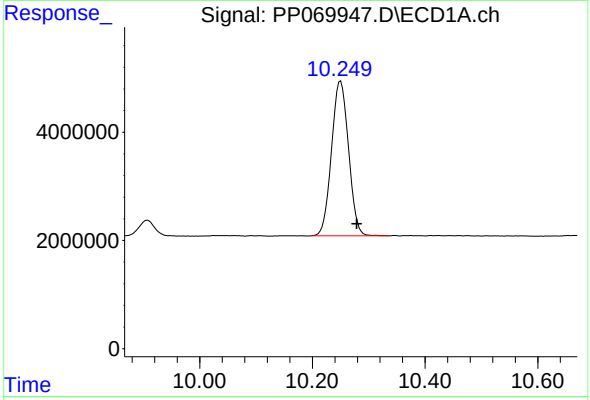
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 79005342
Conc: 55.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



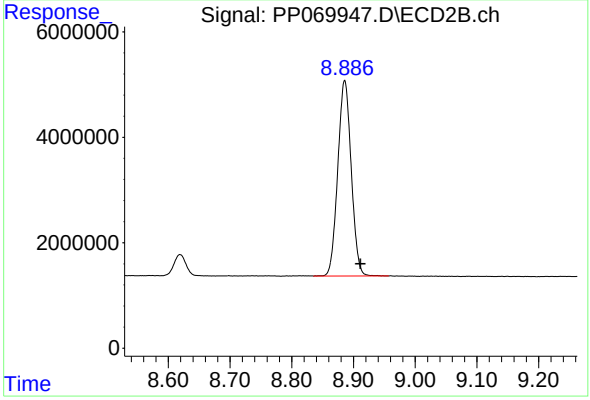
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 44959112
Conc: 50.37 ng/ml



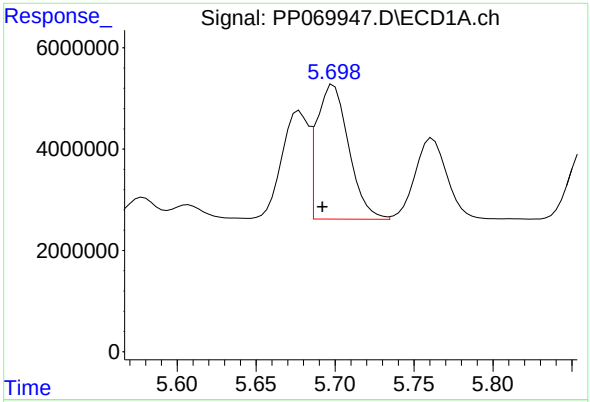
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 59944075
Conc: 54.85 ng/ml



#2 Decachlorobiphenyl

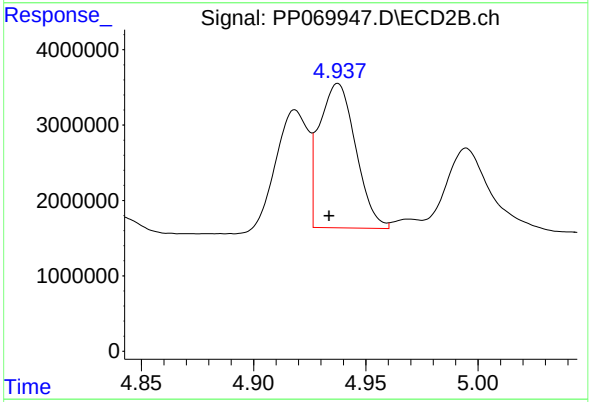
R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 56215659
Conc: 50.26 ng/ml



#3 AR-1016-1

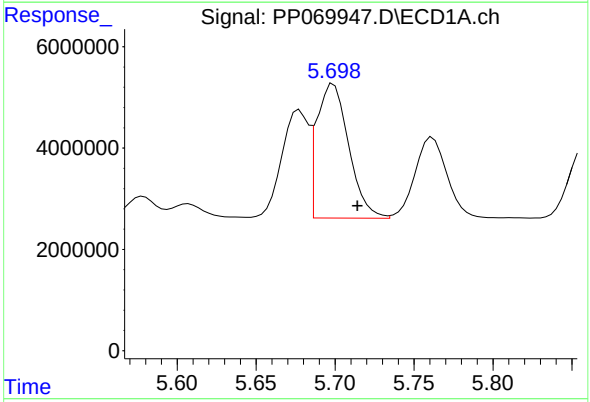
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 37437147
Conc: 808.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



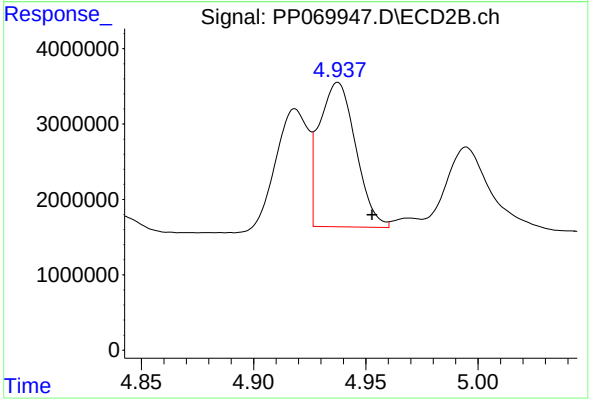
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 21641423
Conc: 663.54 ng/ml



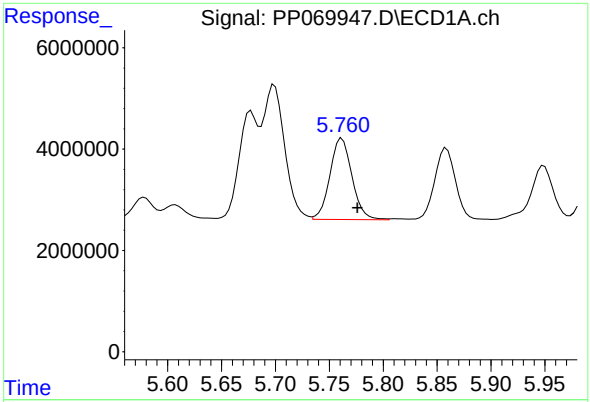
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 37437147
Conc: 551.54 ng/ml



#4 AR-1016-2

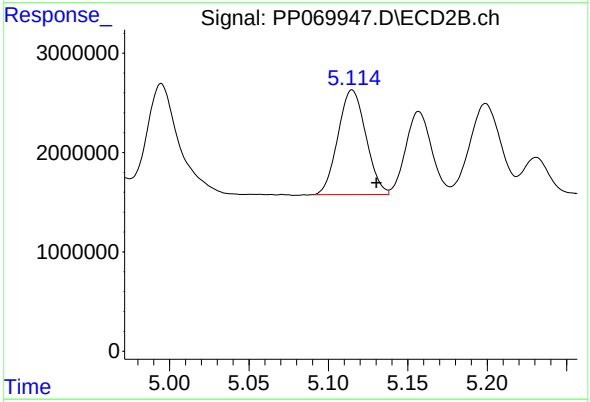
R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 21641423
Conc: 481.37 ng/ml



#5 AR-1016-3

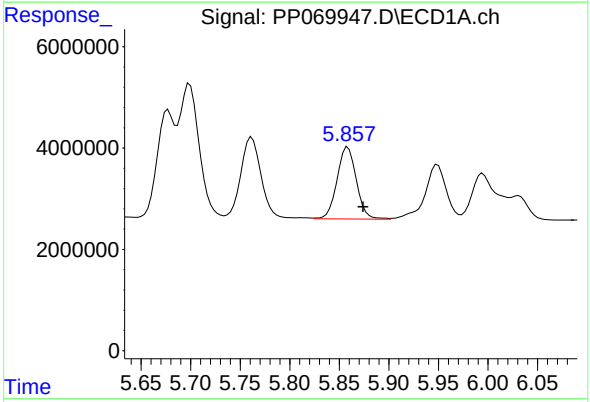
R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 22802224
Conc: 535.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



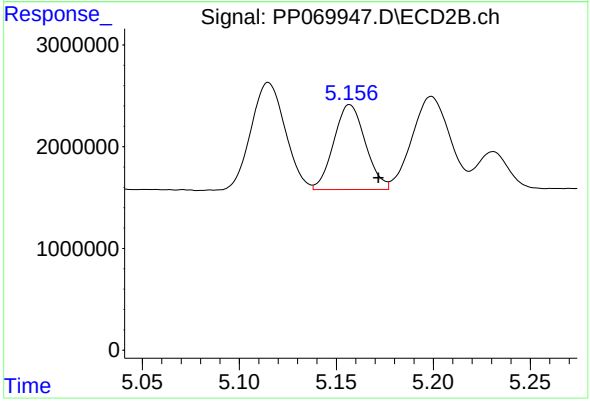
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 12909023
Conc: 518.77 ng/ml



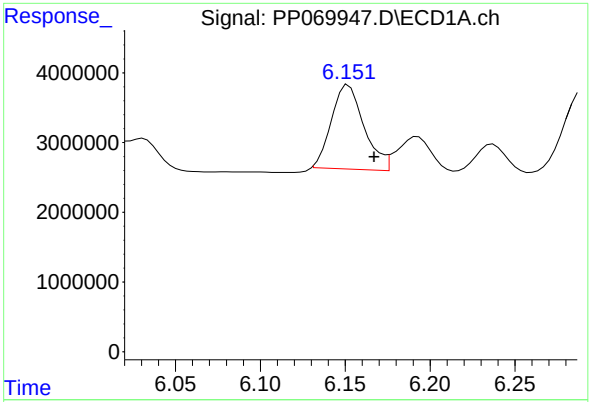
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 19281965
Conc: 550.91 ng/ml



#6 AR-1016-4

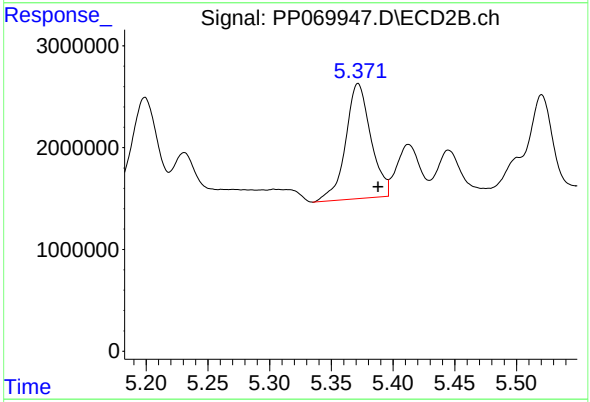
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 9497952
Conc: 470.28 ng/ml



#7 AR-1016-5

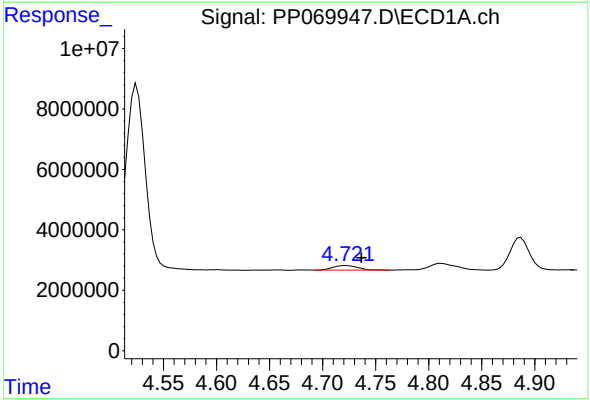
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 16141594
Conc: 488.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



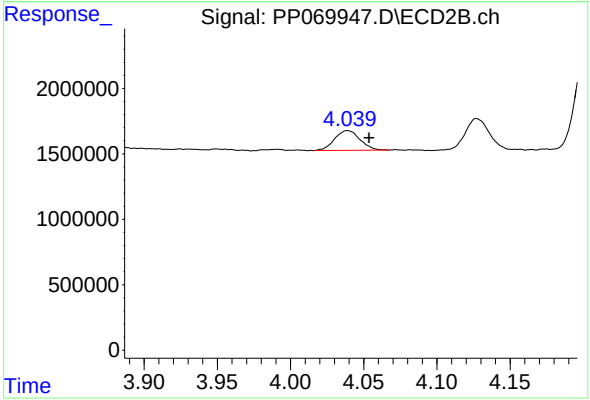
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 16084008
Conc: 599.61 ng/ml



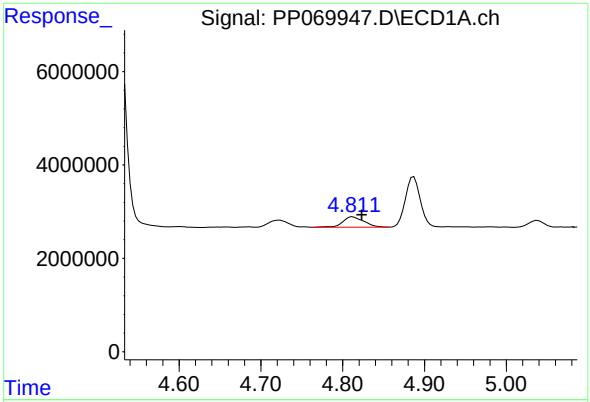
#8 AR-1221-1

R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 2487637
Conc: 130.79 ng/ml



#8 AR-1221-1

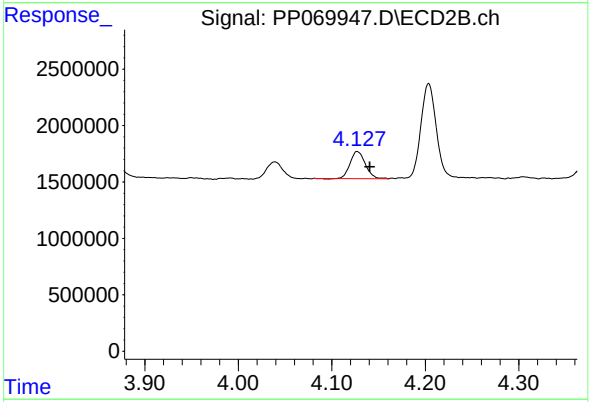
R.T.: 4.039 min
Delta R.T.: -0.014 min
Response: 1830002
Conc: 148.56 ng/ml



#9 AR-1221-2

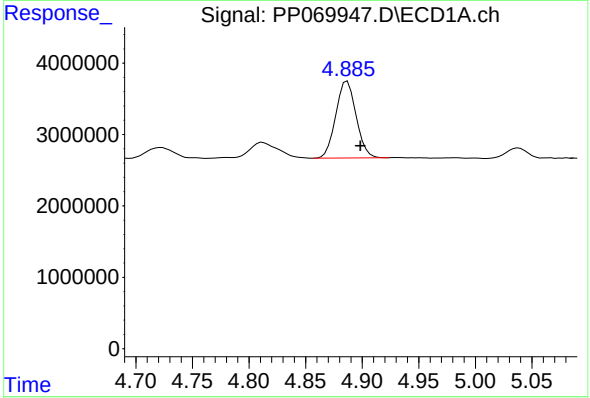
R.T.: 4.812 min
Delta R.T.: -0.011 min
Response: 3976404
Conc: 290.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



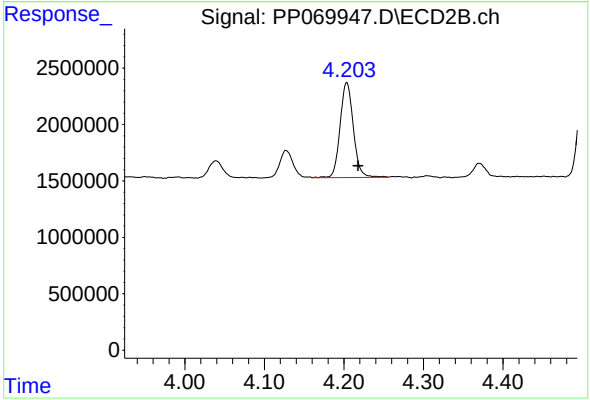
#9 AR-1221-2

R.T.: 4.127 min
Delta R.T.: -0.013 min
Response: 2726914
Conc: 281.61 ng/ml



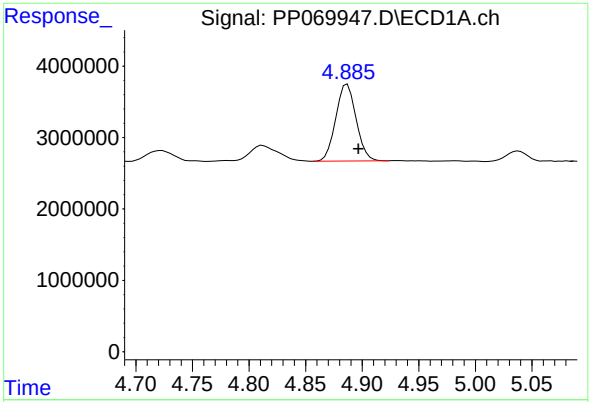
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.012 min
Response: 13478893
Conc: 321.36 ng/ml



#10 AR-1221-3

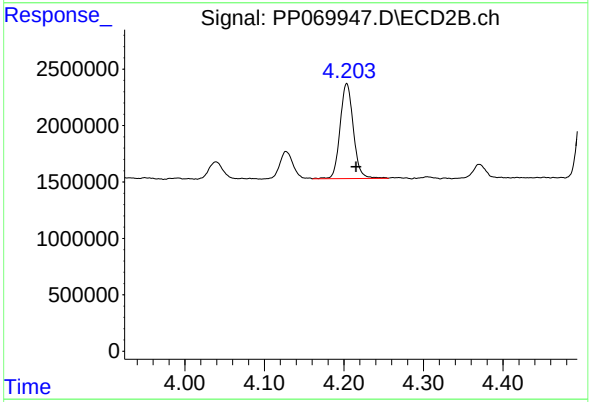
R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 9734452
Conc: 333.67 ng/ml



#11 AR-1232-1

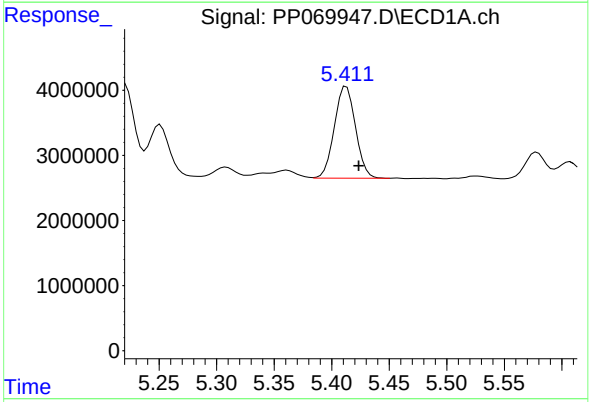
R.T.: 4.887 min
Delta R.T.: -0.010 min
Response: 13478893
Conc: 404.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



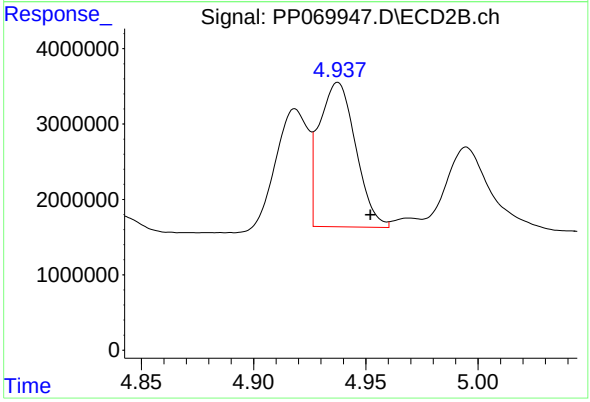
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.012 min
Response: 9734452
Conc: 414.59 ng/ml



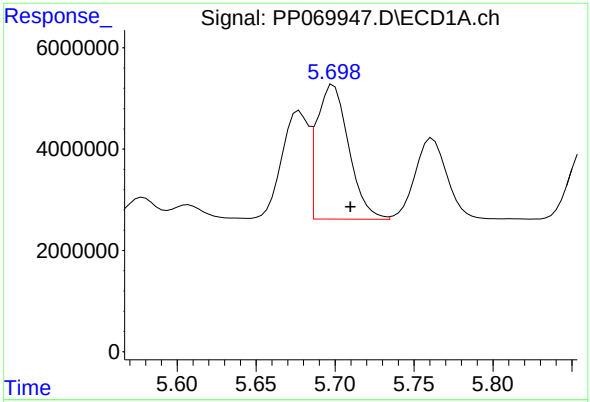
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.011 min
Response: 18076404
Conc: 1106.13 ng/ml



#12 AR-1232-2

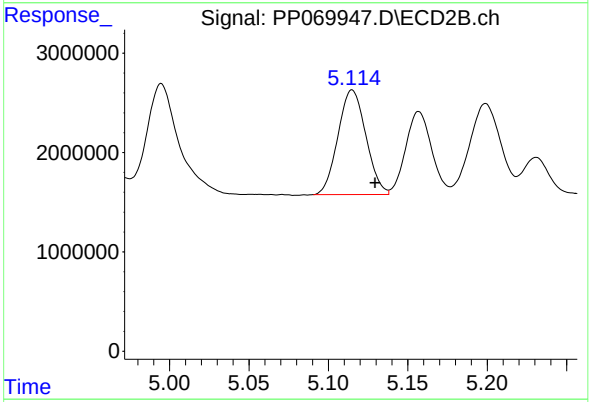
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 21641423
Conc: 918.11 ng/ml



#13 AR-1232-3

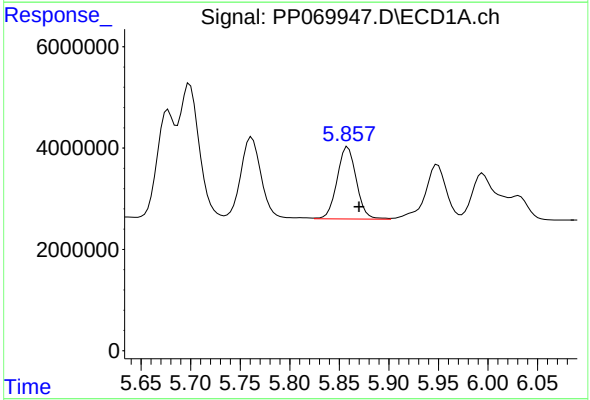
R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 37437147
Conc: 1089.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



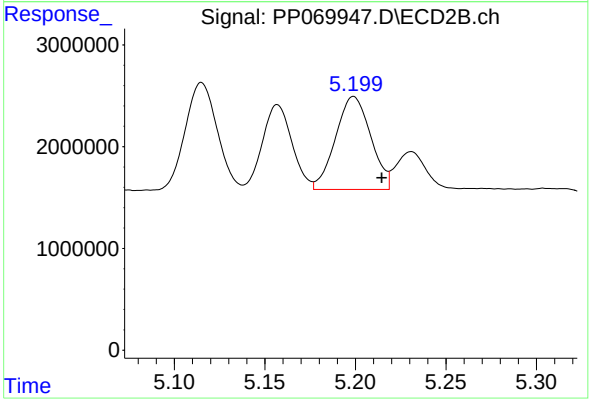
#13 AR-1232-3

R.T.: 5.115 min
Delta R.T.: -0.014 min
Response: 12909023
Conc: 997.05 ng/ml



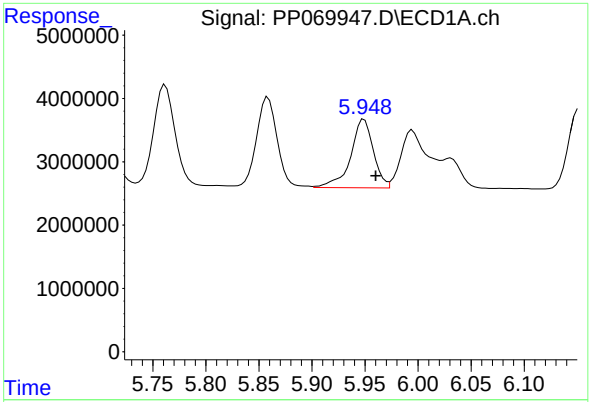
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.011 min
Response: 19281965
Conc: 1082.27 ng/ml



#14 AR-1232-4

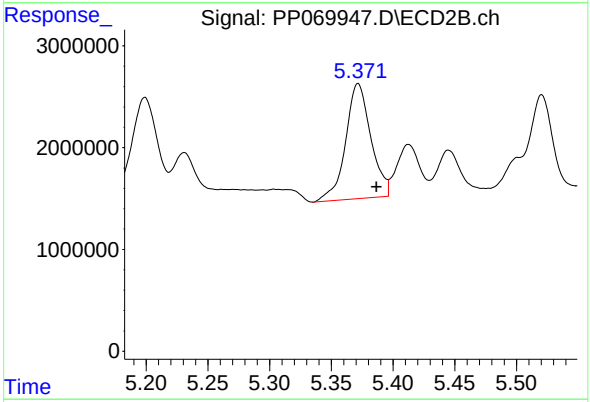
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 12382974
Conc: 1116.96 ng/ml



#15 AR-1232-5

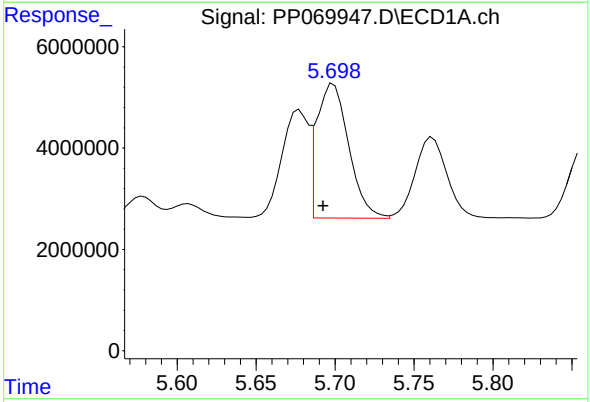
R.T.: 5.949 min
Delta R.T.: -0.011 min
Response: 16193745
Conc: 1412.77 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



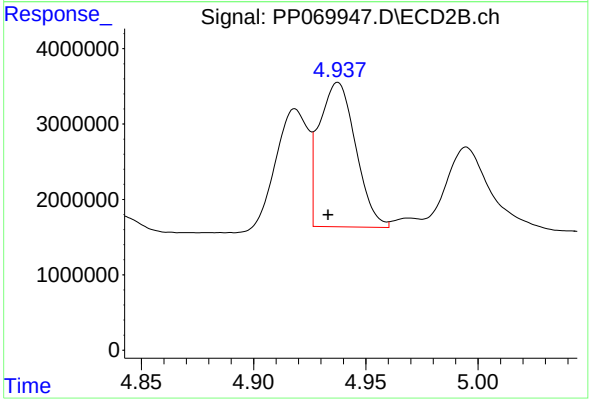
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 16084008
Conc: 1317.25 ng/ml



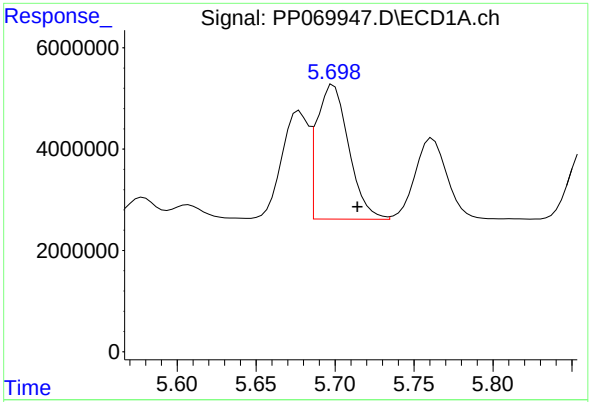
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 37437147
Conc: 897.66 ng/ml



#16 AR-1242-1

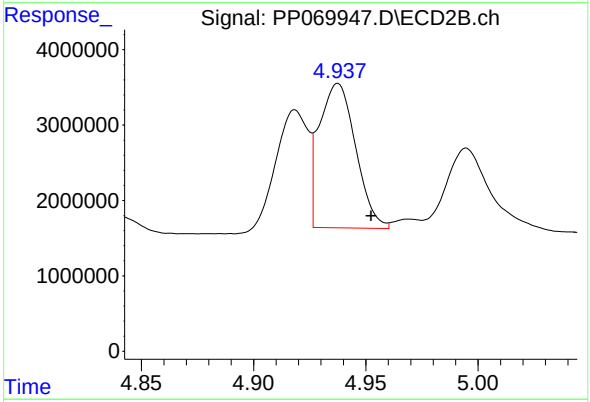
R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 21641423
Conc: 750.60 ng/ml



#17 AR-1242-2

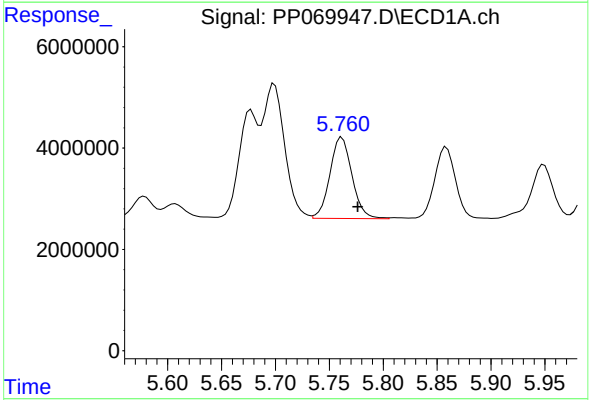
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 37437147
Conc: 634.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



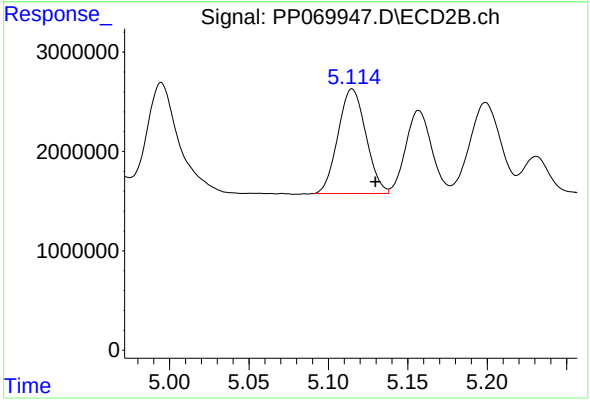
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 21641423
Conc: 549.31 ng/ml



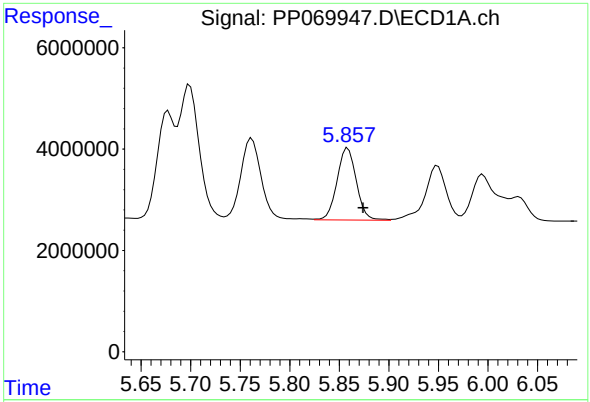
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.015 min
Response: 22802224
Conc: 614.64 ng/ml



#18 AR-1242-3

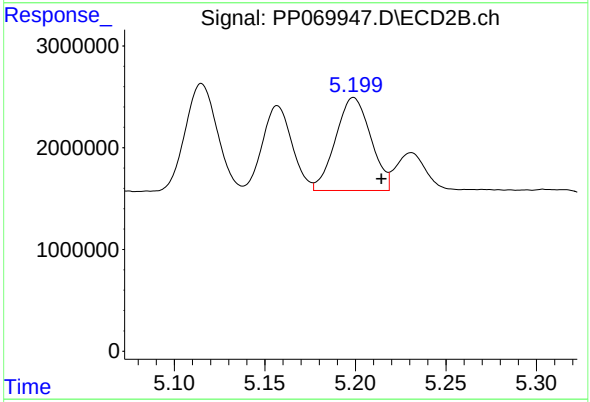
R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 12909023
Conc: 573.63 ng/ml



#19 AR-1242-4

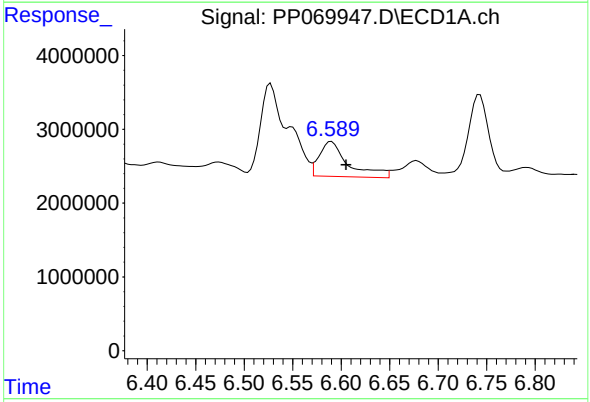
R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 19281965
Conc: 587.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



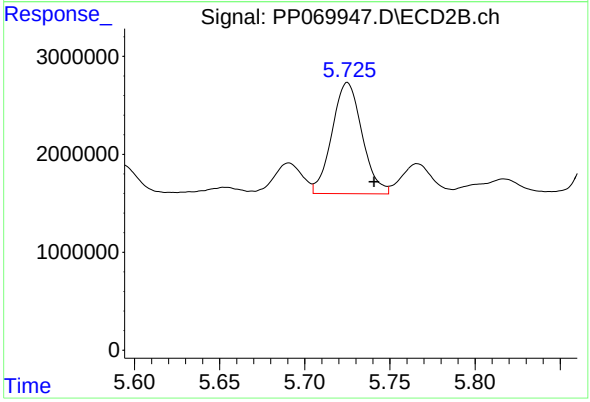
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 12382974
Conc: 573.76 ng/ml



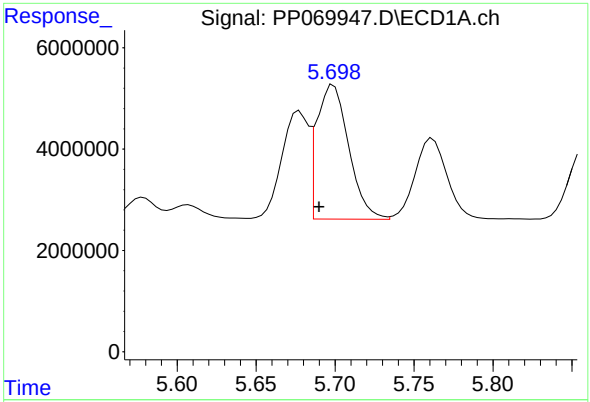
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.015 min
Response: 9843954
Conc: 302.11 ng/ml



#20 AR-1242-5

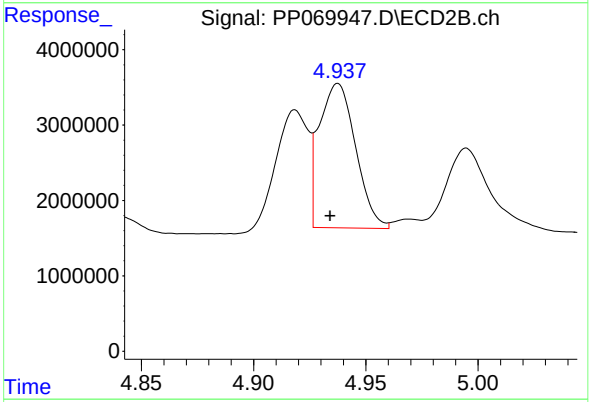
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 13964145
Conc: 485.40 ng/ml



#21 AR-1248-1

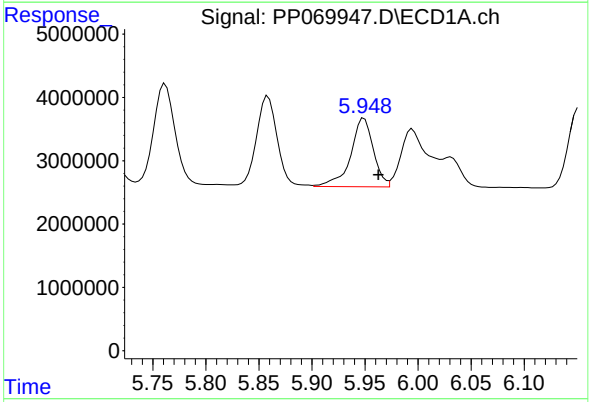
R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 37437147
Conc: 1154.08 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



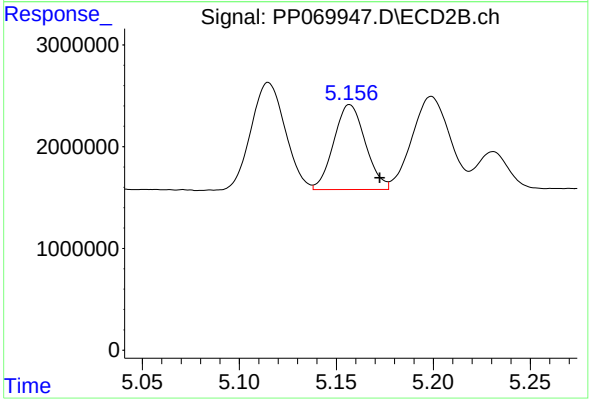
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.003 min
Response: 21641423
Conc: 983.23 ng/ml



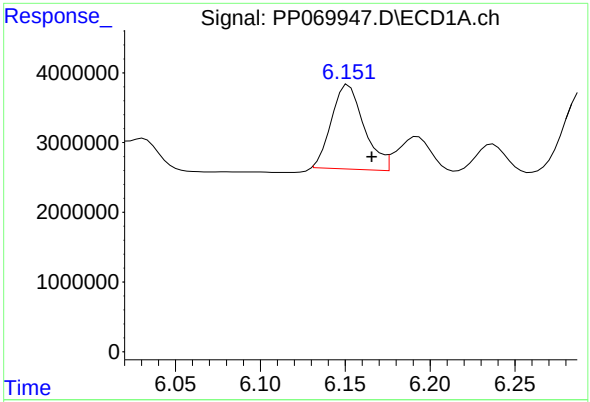
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 16193745
Conc: 381.51 ng/ml



#22 AR-1248-2

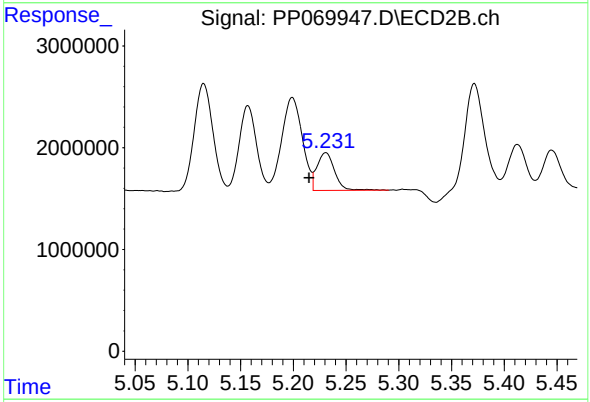
R.T.: 5.157 min
Delta R.T.: -0.016 min
Response: 9497952
Conc: 315.92 ng/ml



#23 AR-1248-3

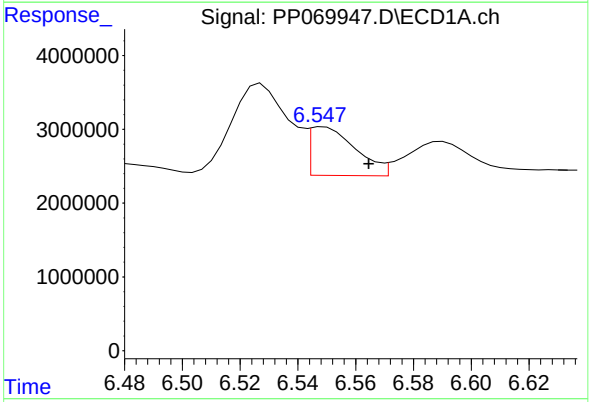
R.T.: 6.152 min
Delta R.T.: -0.014 min
Response: 16141594
Conc: 343.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



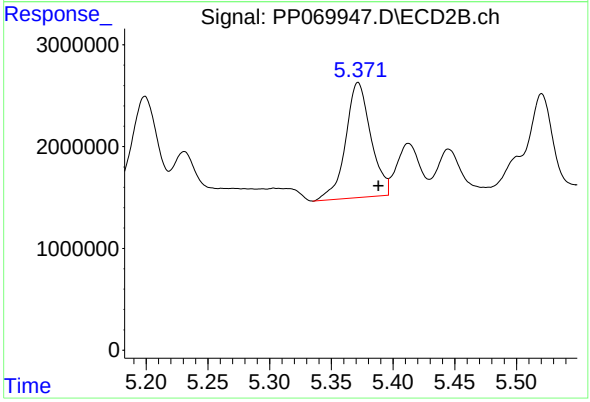
#23 AR-1248-3

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 4297947
Conc: 138.71 ng/ml



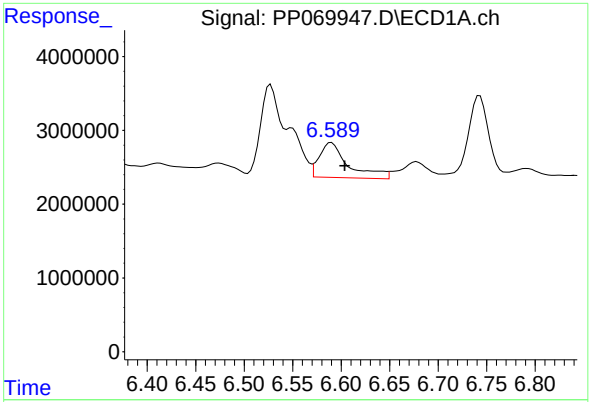
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: -0.016 min
Response: 7300692
Conc: 132.45 ng/ml



#24 AR-1248-4

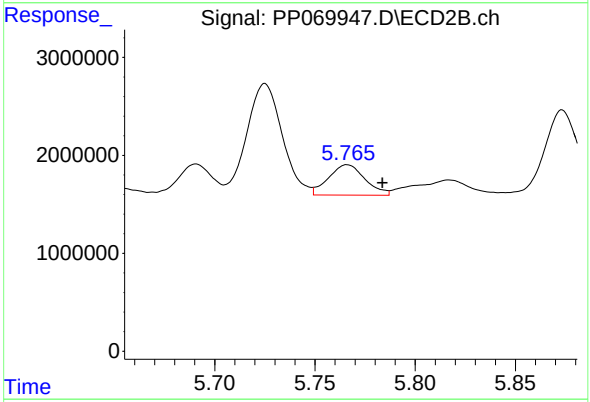
R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 16084008
Conc: 435.37 ng/ml



#25 AR-1248-5

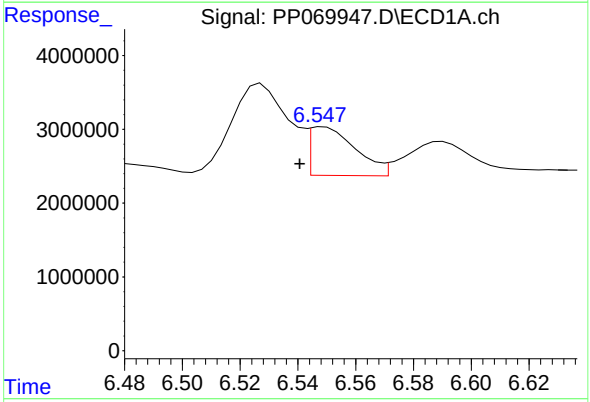
R.T.: 6.590 min
Delta R.T.: -0.014 min
Response: 9843954
Conc: 184.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



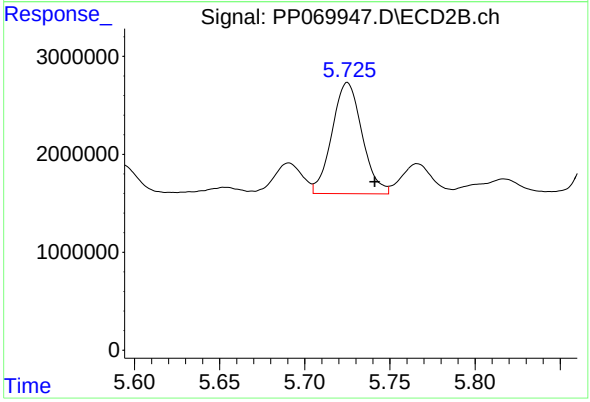
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: -0.018 min
Response: 3925985
Conc: 105.00 ng/ml



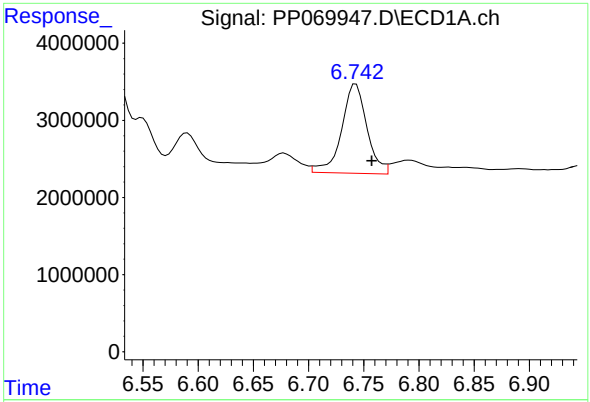
#26 AR-1254-1

R.T.: 6.549 min
Delta R.T.: 0.008 min
Response: 7300692
Conc: 126.17 ng/ml



#26 AR-1254-1

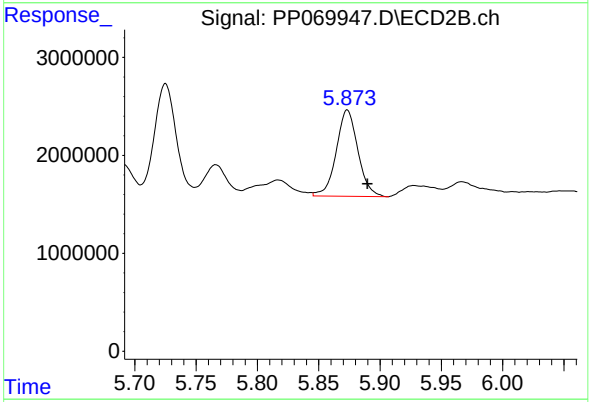
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 13964145
Conc: 253.64 ng/ml



#27 AR-1254-2

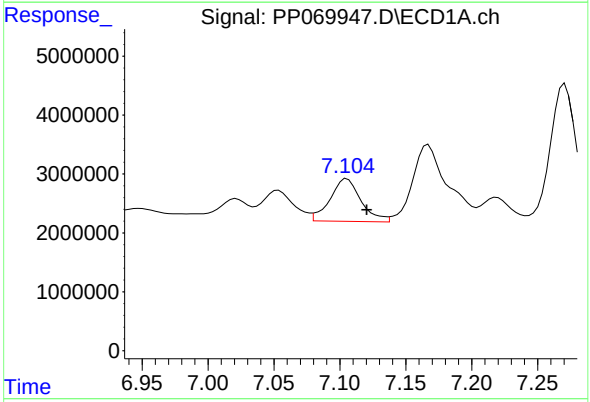
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 18496470
Conc: 230.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



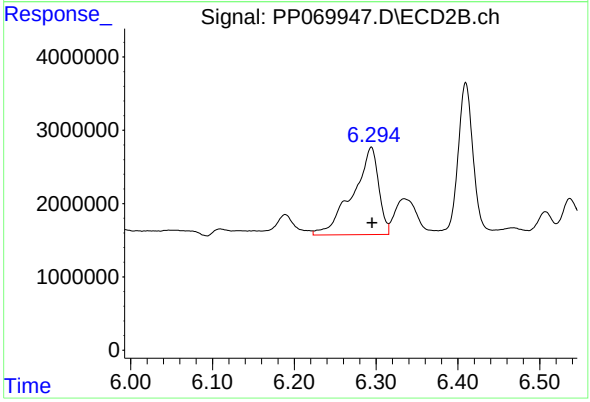
#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 10858938
Conc: 224.50 ng/ml



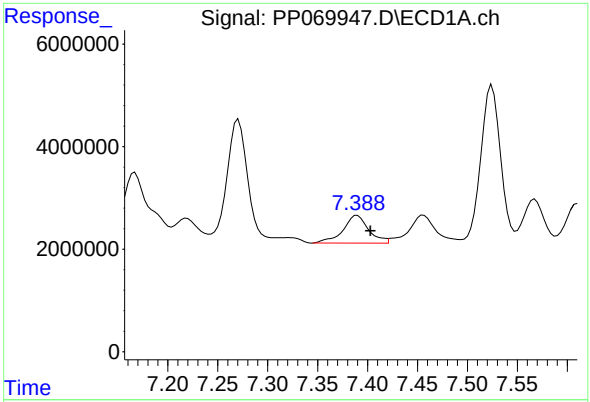
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 11769519
Conc: 139.63 ng/ml



#28 AR-1254-3

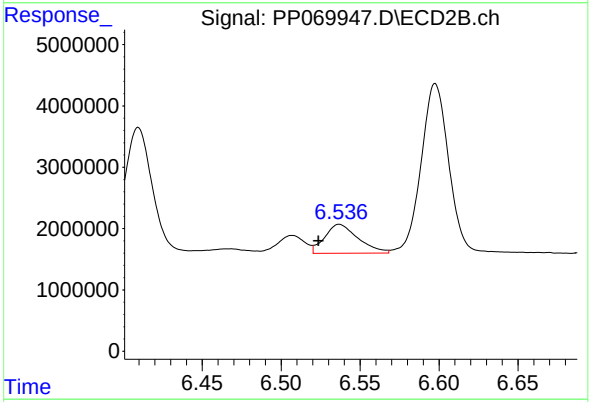
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 26238796
Conc: 345.72 ng/ml



#29 AR-1254-4

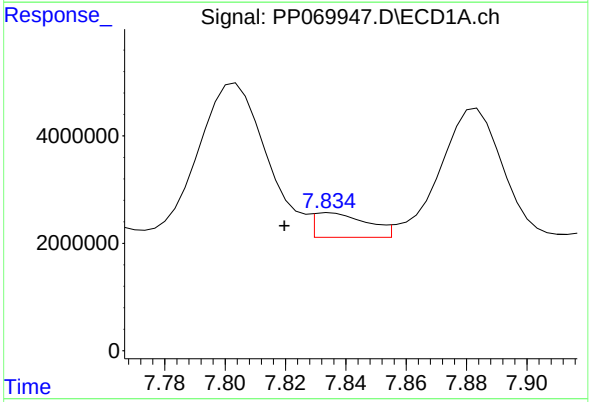
R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 9642351
Conc: 141.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



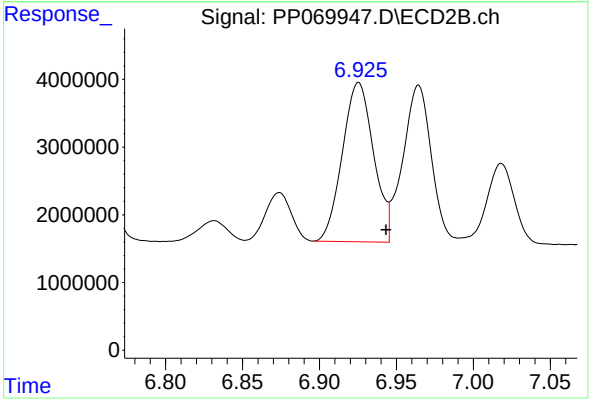
#29 AR-1254-4

R.T.: 6.537 min
Delta R.T.: 0.013 min
Response: 6925622
Conc: 135.13 ng/ml



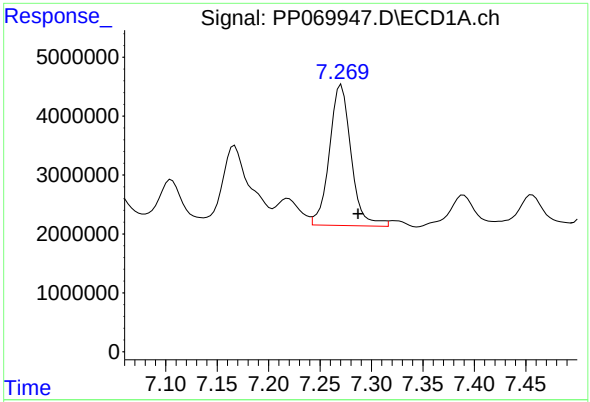
#30 AR-1254-5

R.T.: 7.835 min
Delta R.T.: 0.015 min
Response: 5530261
Conc: 81.27 ng/ml



#30 AR-1254-5

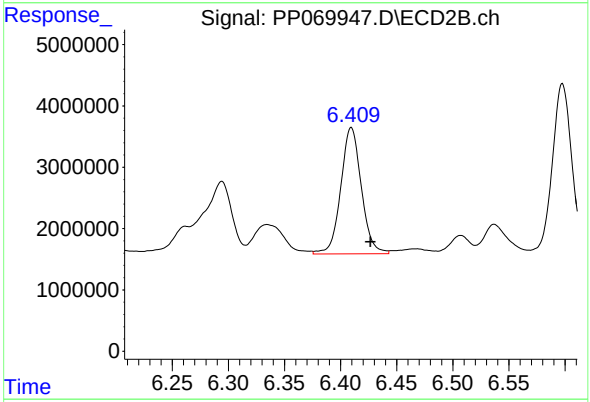
R.T.: 6.925 min
Delta R.T.: -0.018 min
Response: 33179053
Conc: 498.48 ng/ml



#31 AR-1260-1

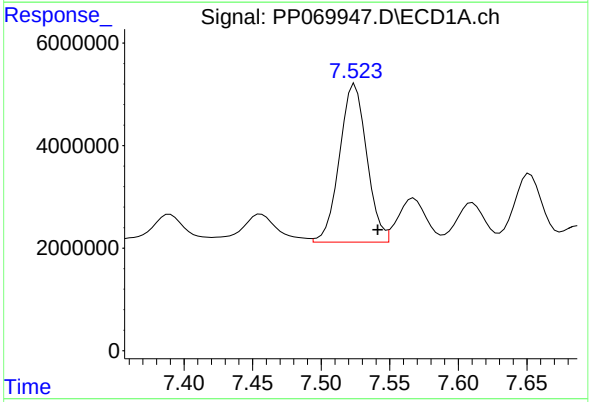
R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 35076653
Conc: 600.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



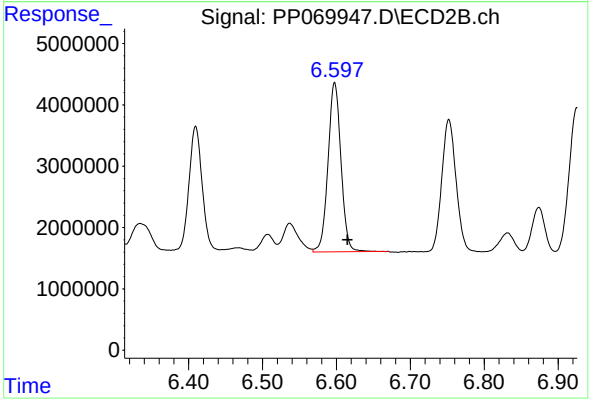
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 26307573
Conc: 545.47 ng/ml



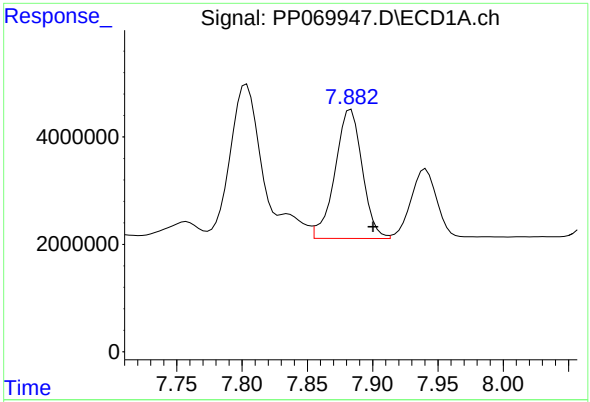
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 min
Response: 42714191
Conc: 548.93 ng/ml



#32 AR-1260-2

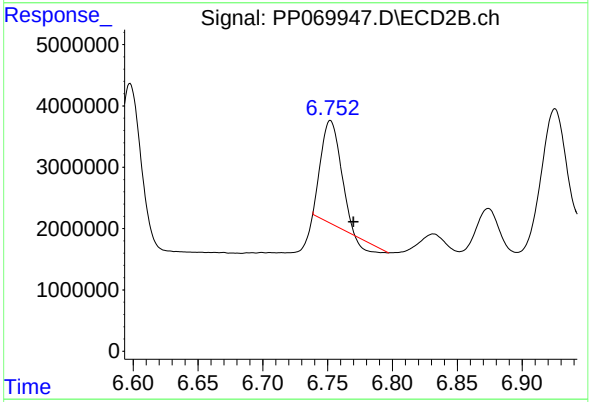
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 33435044
Conc: 545.40 ng/ml



#33 AR-1260-3

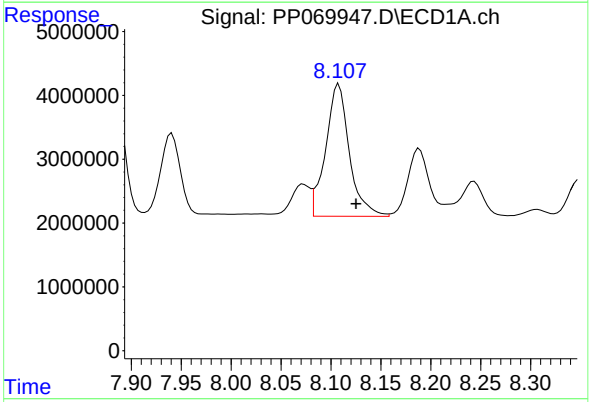
R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 34879740
Conc: 557.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



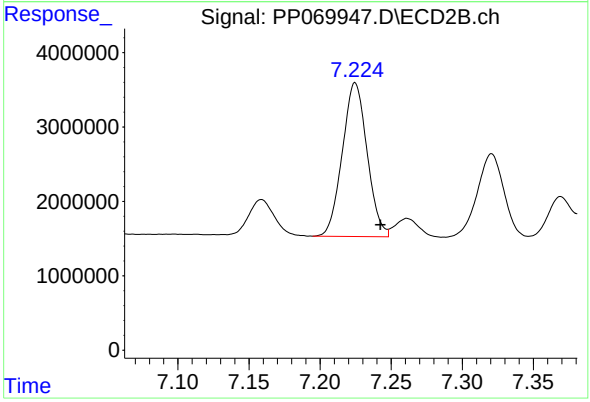
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 16451088
Conc: 273.47 ng/ml



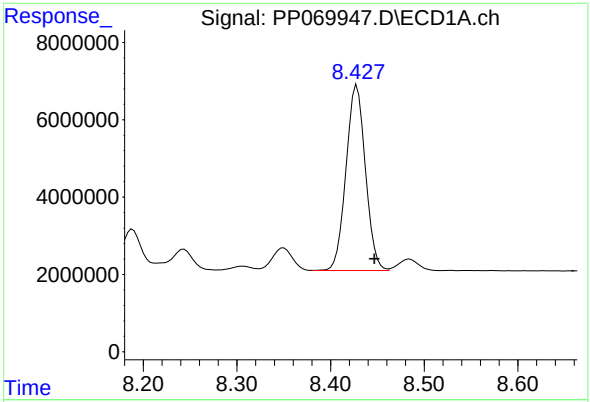
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 34238610
Conc: 518.95 ng/ml



#34 AR-1260-4

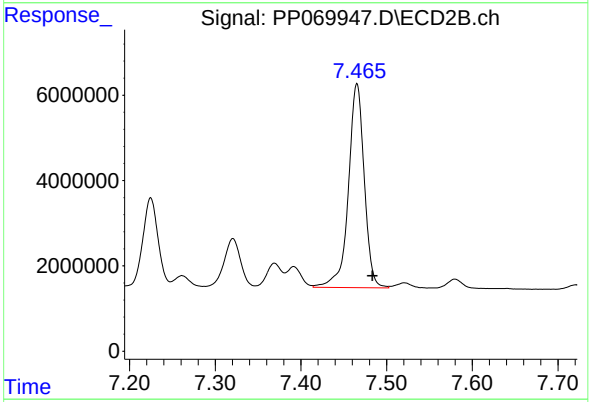
R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 25100406
Conc: 540.17 ng/ml



#35 AR-1260-5

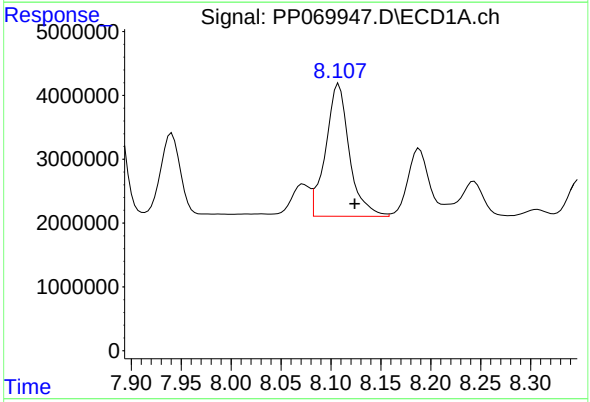
R.T.: 8.428 min
Delta R.T.: -0.019 min
Response: 69053683
Conc: 527.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



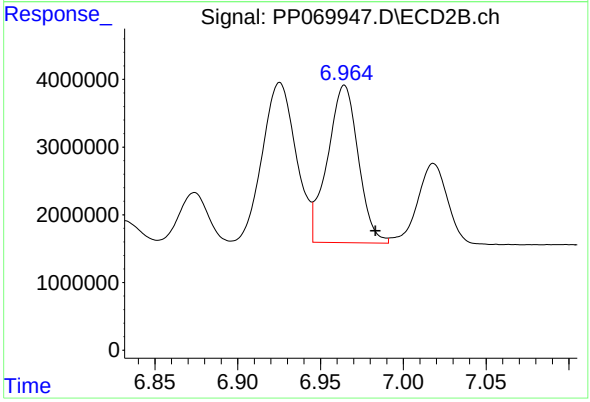
#35 AR-1260-5

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 61593431
Conc: 554.17 ng/ml



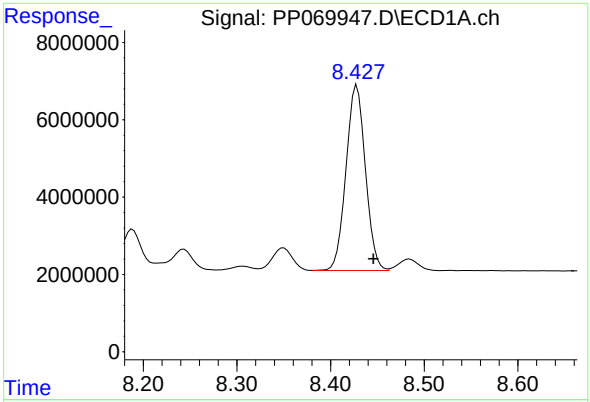
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.016 min
Response: 34238610
Conc: 433.30 ng/ml



#36 AR-1262-1

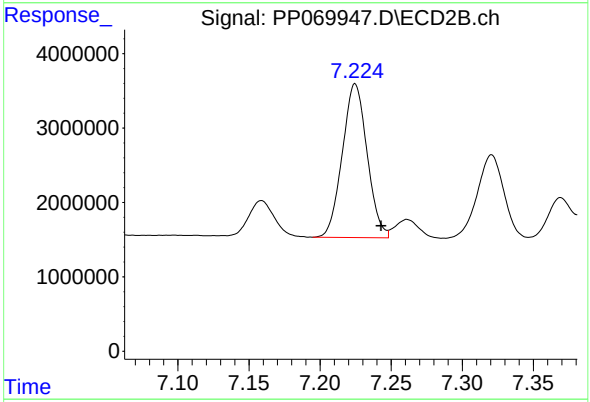
R.T.: 6.964 min
Delta R.T.: -0.019 min
Response: 30015981
Conc: 422.68 ng/ml



#37 AR-1262-2

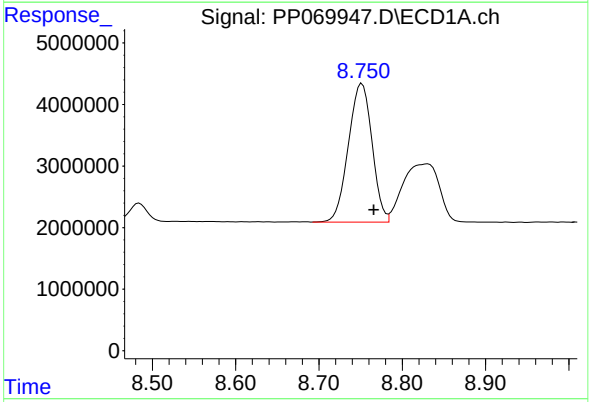
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 69053683
Conc: 451.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



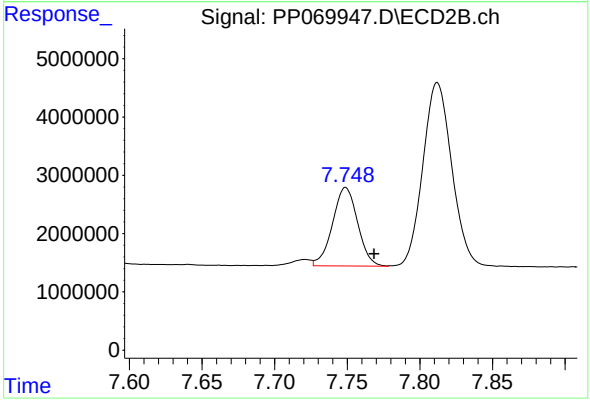
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 25100406
Conc: 411.62 ng/ml



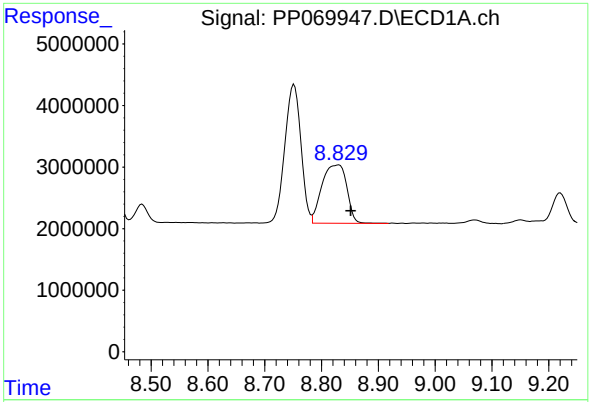
#38 AR-1262-3

R.T.: 8.752 min
Delta R.T.: -0.014 min
Response: 44460851
Conc: 418.34 ng/ml



#38 AR-1262-3

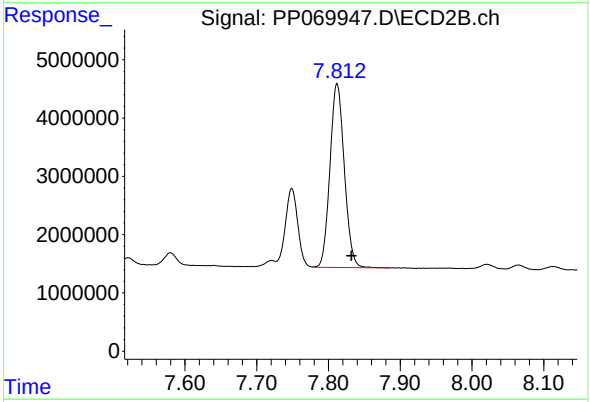
R.T.: 7.749 min
Delta R.T.: -0.020 min
Response: 16210038
Conc: 309.95 ng/ml



#39 AR-1262-4

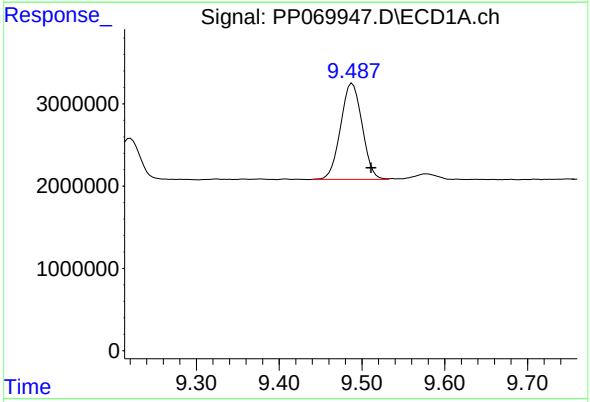
R.T.: 8.831 min
Delta R.T.: -0.021 min
Response: 28921730
Conc: 353.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



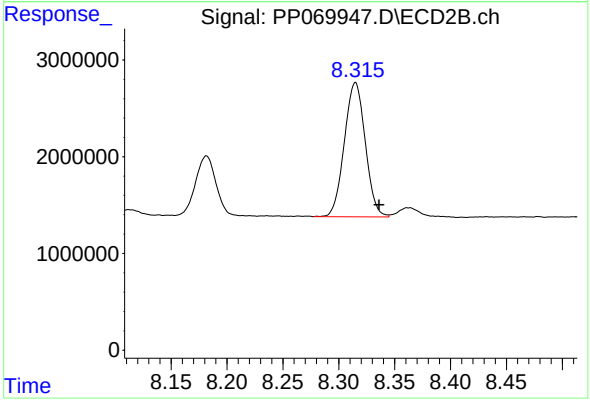
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 43810489
Conc: 473.95 ng/ml



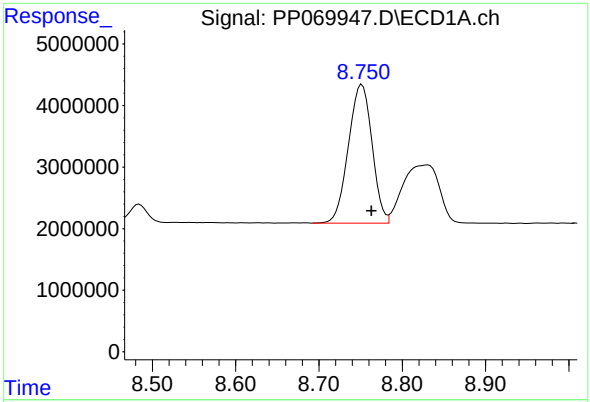
#40 AR-1262-5

R.T.: 9.488 min
Delta R.T.: -0.023 min
Response: 21132985
Conc: 373.31 ng/ml



#40 AR-1262-5

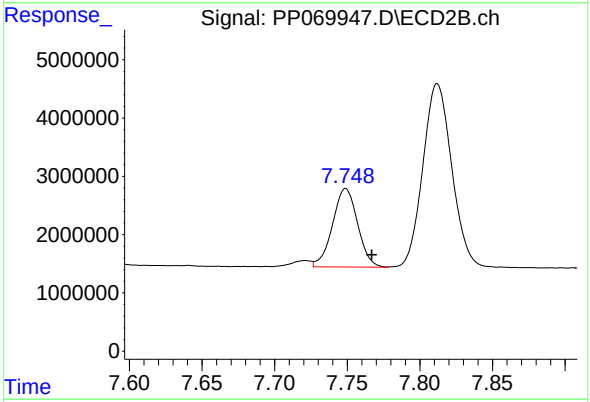
R.T.: 8.315 min
Delta R.T.: -0.021 min
Response: 18106006
Conc: 378.85 ng/ml



#41 AR-1268-1

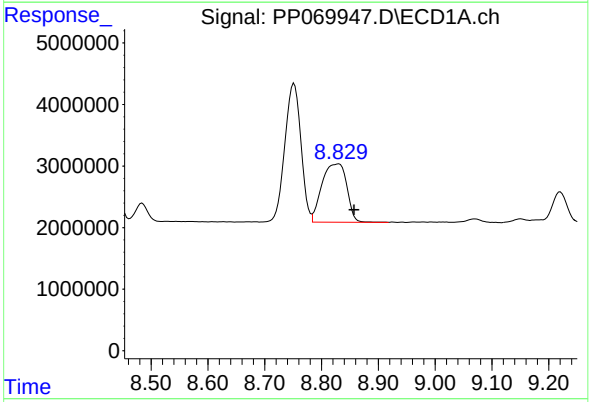
R.T.: 8.752 min
Delta R.T.: -0.011 min
Response: 44460851
Conc: 251.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



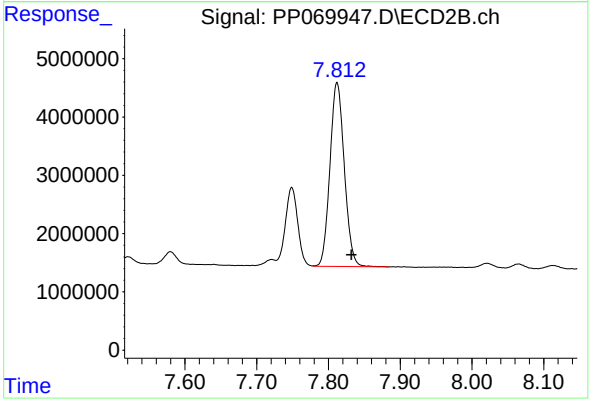
#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: -0.018 min
Response: 16210038
Conc: 111.70 ng/ml



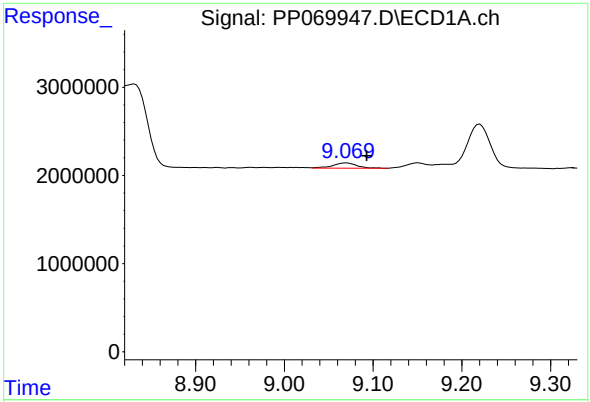
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.027 min
Response: 28921730
Conc: 183.78 ng/ml



#42 AR-1268-2

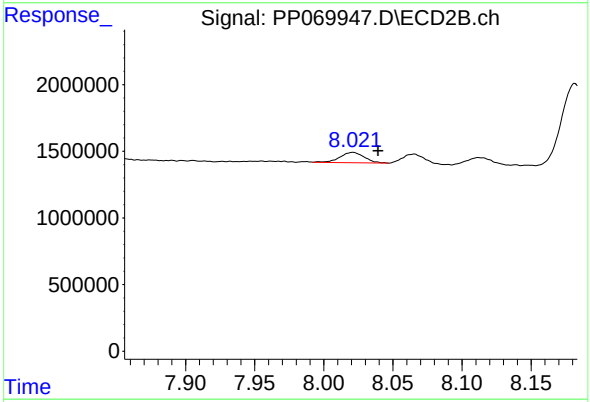
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 43810489
Conc: 329.86 ng/ml



#43 AR-1268-3

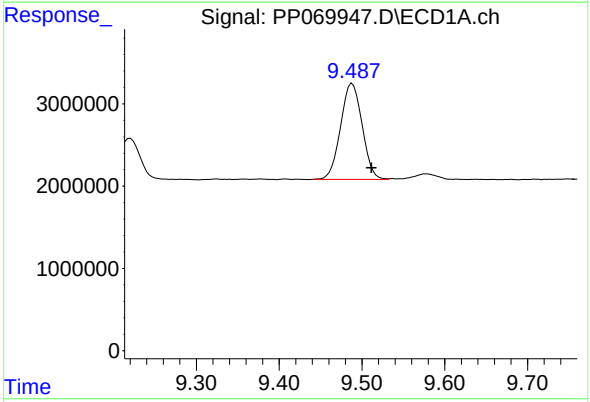
R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 1133138
Conc: 8.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



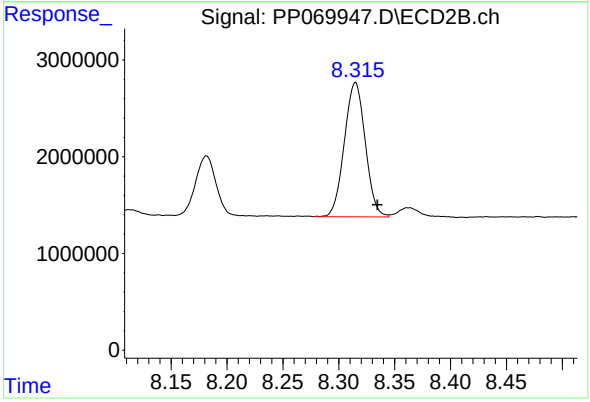
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 956731
Conc: 8.41 ng/ml



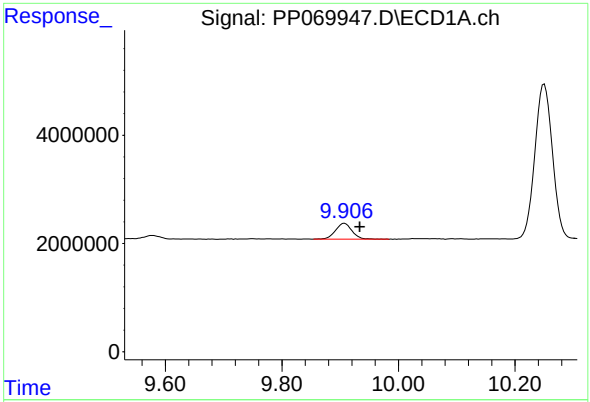
#44 AR-1268-4

R.T.: 9.488 min
Delta R.T.: -0.023 min
Response: 21132985
Conc: 359.89 ng/ml



#44 AR-1268-4

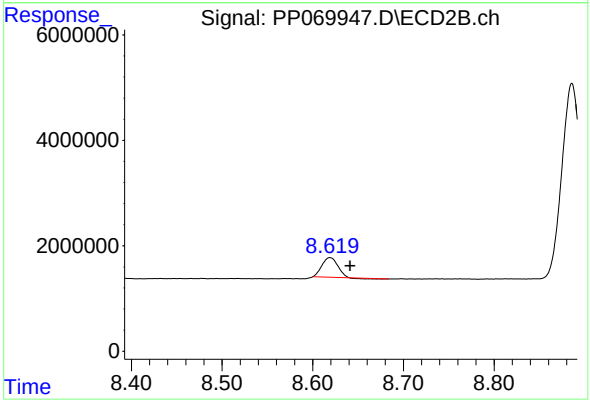
R.T.: 8.315 min
Delta R.T.: -0.020 min
Response: 18106006
Conc: 347.67 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.026 min
Response: 5785192
Conc: 15.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 4389683
Conc: 12.32 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
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: Feb 22 00:05:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.829	36714114	21017720	25.648	23.548	
2)	SA Decachlor...	10.253	8.887	26925500	26589192	24.637	23.773	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.975f	0	82283	N.D.	2.523	#
4)	L1 AR-1016-2	0.000	4.975	0	82283	N.D.	1.830	#
5)	L1 AR-1016-3	5.823f	5.178f	423605	1166171	9.945	46.864	#
6)	L1 AR-1016-4	5.874	5.178	556651	1166171	15.904	57.742	#
7)	L1 AR-1016-5	0.000	5.366	0	1968454	N.D.	73.384	#
8)	L2 AR-1221-1	0.000	3.989f	0	278240	N.D.	22.588	#
9)	L2 AR-1221-2	4.829	4.133	676400	429883	49.399	44.394	
10)	L2 AR-1221-3	4.829f	4.219	676400	58697	16.126	2.012	#
11)	L3 AR-1232-1	4.829f	4.219	676400	58697	20.316	2.500	#
12)	L3 AR-1232-2	0.000	4.975	0	82283	N.D.	3.491	#
13)	L3 AR-1232-3	0.000	5.178f	0	1166171	N.D.	90.071	#
14)	L3 AR-1232-4	5.874	5.204	556651	559724	31.244	50.488	#
15)	L3 AR-1232-5	5.967	5.366	994825	1968454	86.790	161.212	#
16)	L4 AR-1242-1	0.000	4.975f	0	82283	N.D.	2.854	#
17)	L4 AR-1242-2	0.000	4.975	0	82283	N.D.	2.089	#
18)	L4 AR-1242-3	5.823f	5.178f	423605	1166171	11.418	51.820	#
19)	L4 AR-1242-4	5.874	5.204	556651	559724	16.974	25.934	#
20)	L4 AR-1242-5	6.615	5.749	3522710	2380556	108.111	82.749	
21)	L5 AR-1248-1	0.000	4.975f	0	82283	N.D.	3.738	#
22)	L5 AR-1248-2	5.967	5.178	994825	1166171	23.437	38.789	#
23)	L5 AR-1248-3	0.000	5.204	0	559724	N.D.	18.065	#
24)	L5 AR-1248-4	6.559	5.366	4279207	1968454	77.633	53.283	#
25)	L5 AR-1248-5	6.615	5.749	3522710	2380556	65.988	63.669	
26)	L6 AR-1254-1	6.534	5.749	3764560	2380556	65.059	43.239	#
27)	L6 AR-1254-2	6.749	5.881	10463549	3371624	130.400	69.707	#
28)	L6 AR-1254-3	7.102	6.292	10469726	1744766	124.213	22.989	#
29)	L6 AR-1254-4	7.375	6.528	4790561	480151	70.255	9.369	#
30)	L6 AR-1254-5	0.000	6.965	0	92961	N.D.	1.397	#
31)	L7 AR-1260-1	7.323f	6.420	3774272	1971041	64.588	40.868	#
32)	L7 AR-1260-2	7.535	6.577f	2475639	2960515	31.815	48.293	#
33)	L7 AR-1260-3	0.000	6.755	0	511517	N.D.	8.503	#
34)	L7 AR-1260-4	0.000	7.197f	0	53911	N.D.	1.160	#
36)	L8 AR-1262-1	0.000	6.965	0	92961	N.D.	1.309	#
37)	L8 AR-1262-2	0.000	7.197f	0	53911	N.D.	0.884	#
38)	L8 AR-1262-3	0.000	7.780	0	1450774	N.D.	27.740	#
39)	L8 AR-1262-4	0.000	7.854	0	694254	N.D.	7.511	#
41)	L9 AR-1268-1	0.000	7.780	0	1450774	N.D.	9.997	#
42)	L9 AR-1268-2	0.000	7.854	0	694254	N.D.	5.227	#
45)	L9 AR-1268-5	0.000	8.620	0	107152	N.D.	0.301	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
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: Feb 22 00:05:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

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

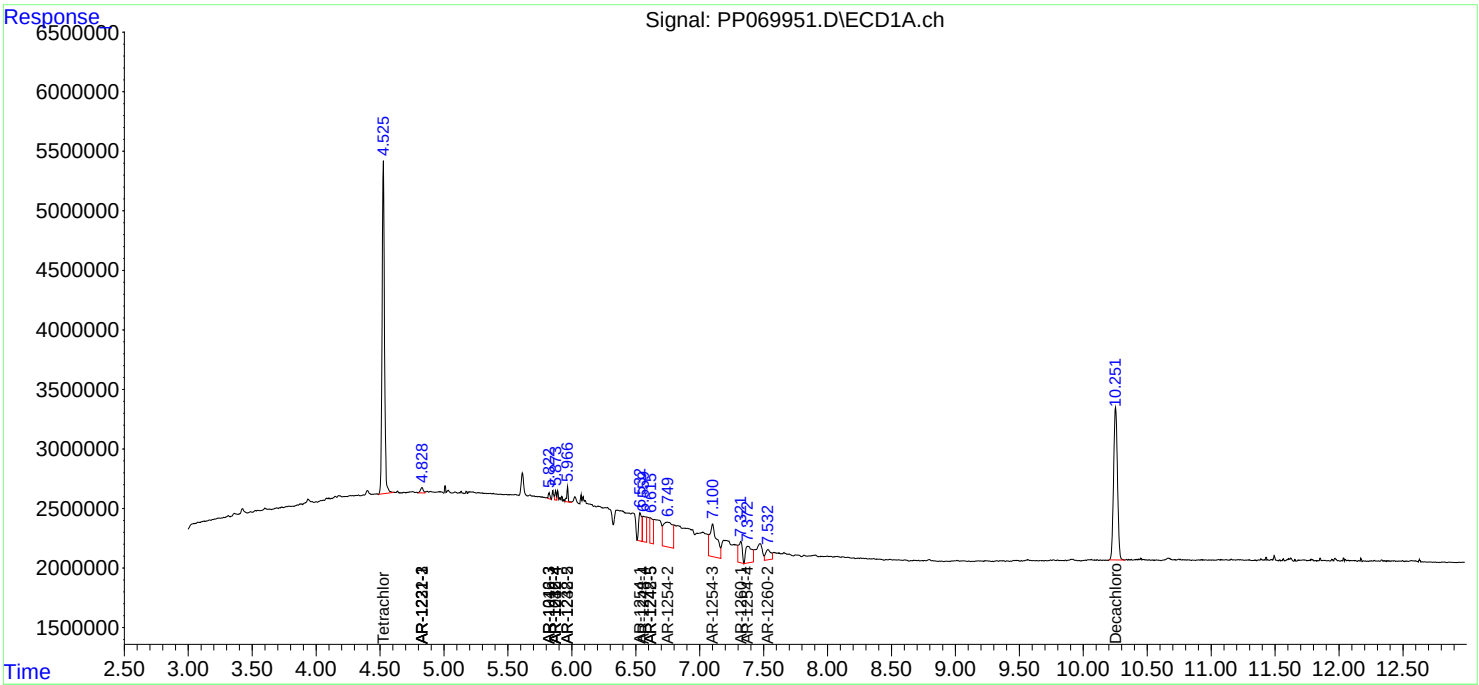
Quantitation Report (Not Reviewed)

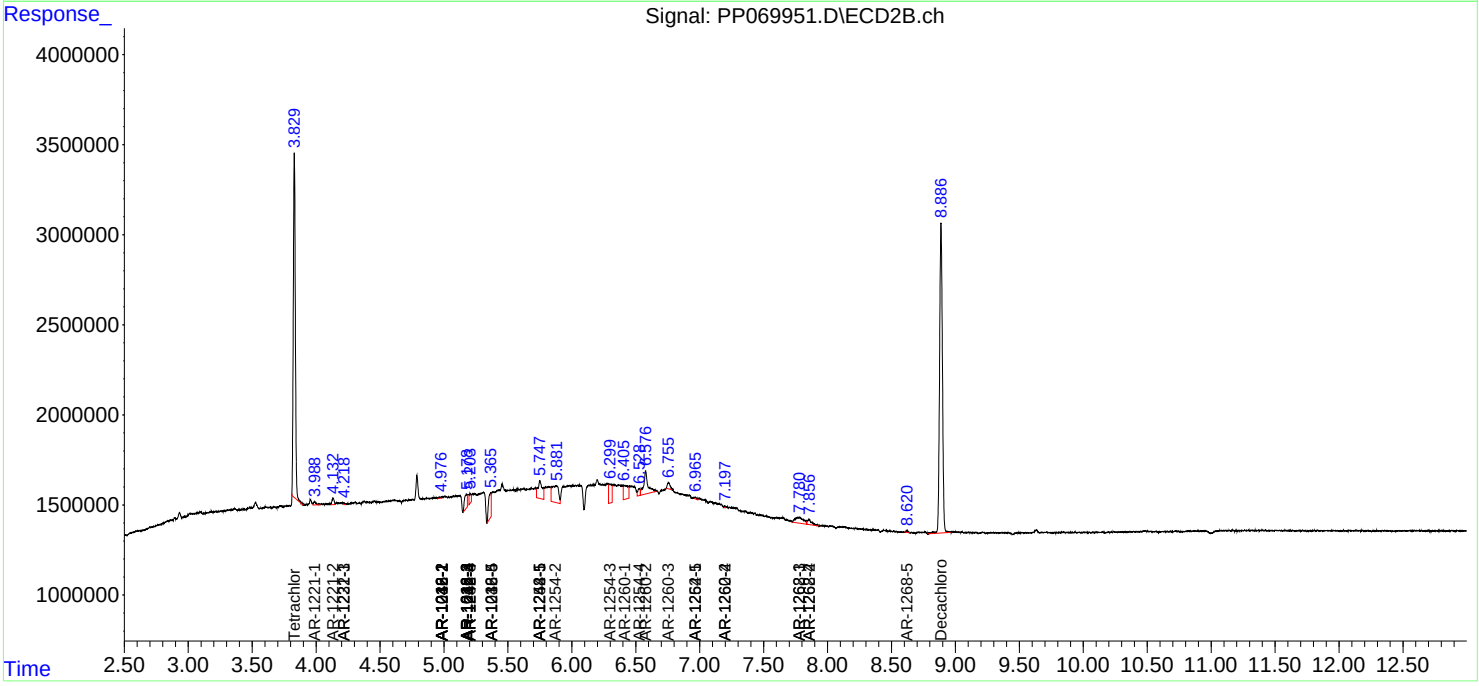
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

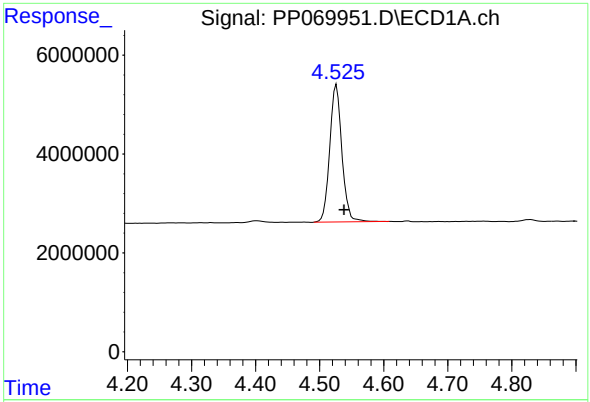
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:05:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



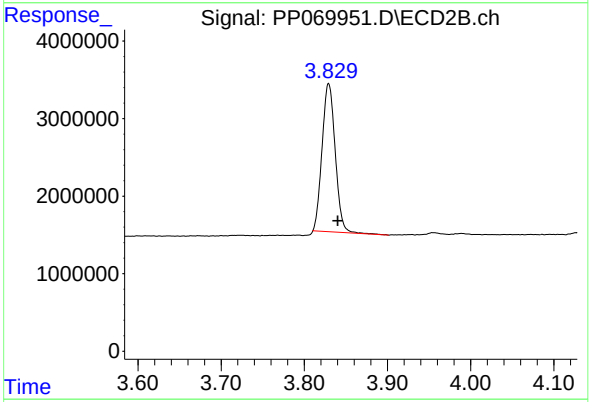




#1 Tetrachloro-m-xylene

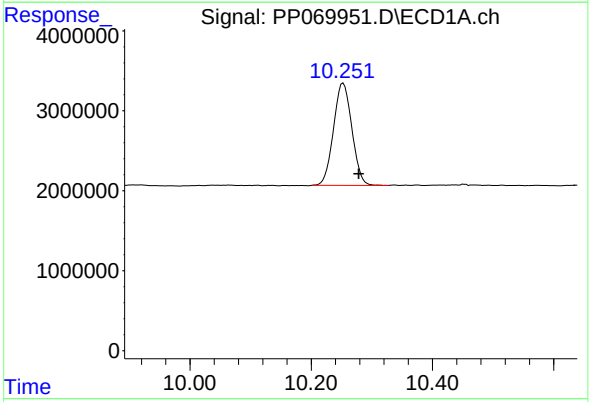
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 36714114
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



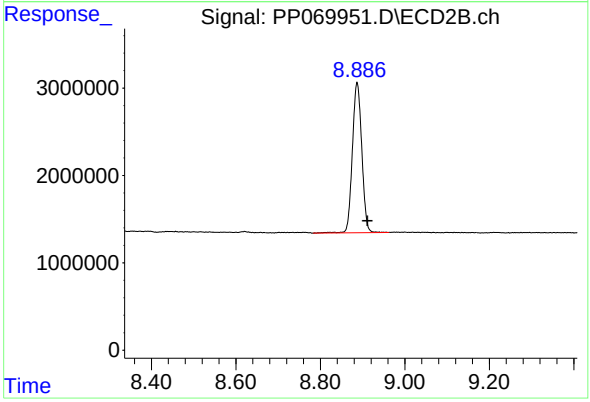
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21017720
Conc: 23.55 ng/ml



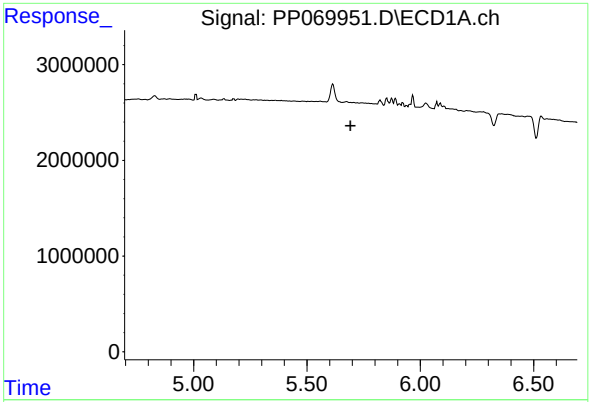
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 26925500
Conc: 24.64 ng/ml



#2 Decachlorobiphenyl

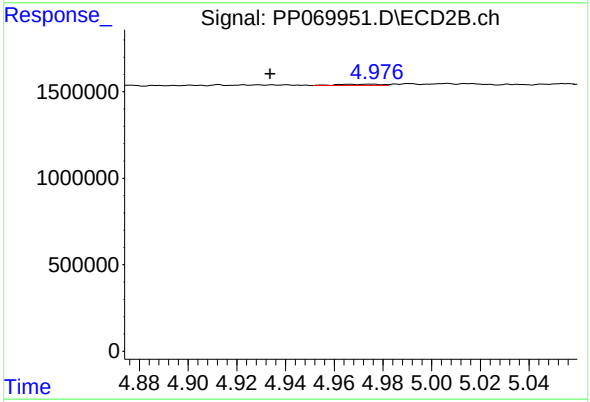
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26589192
Conc: 23.77 ng/ml



#3 AR-1016-1

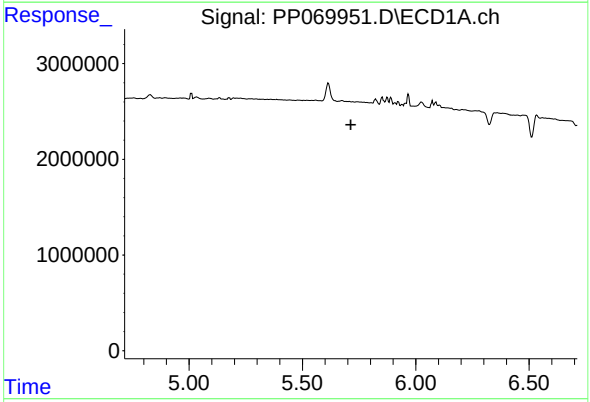
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



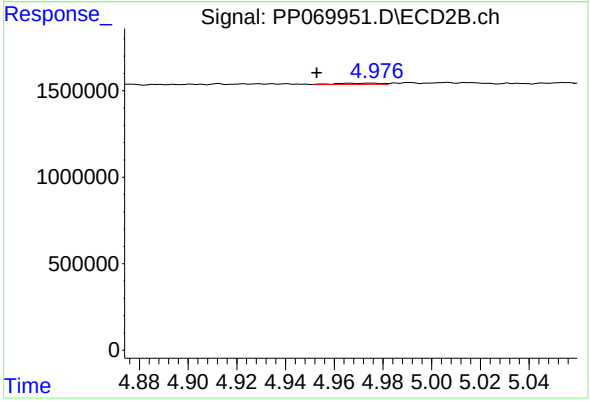
#3 AR-1016-1

R.T.: 4.975 min
Delta R.T.: 0.041 min
Response: 82283
Conc: 2.52 ng/ml



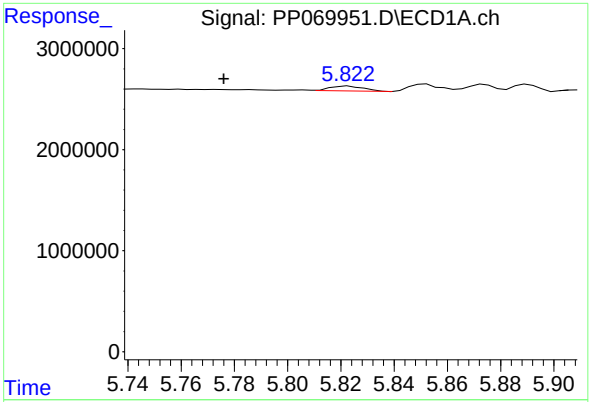
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

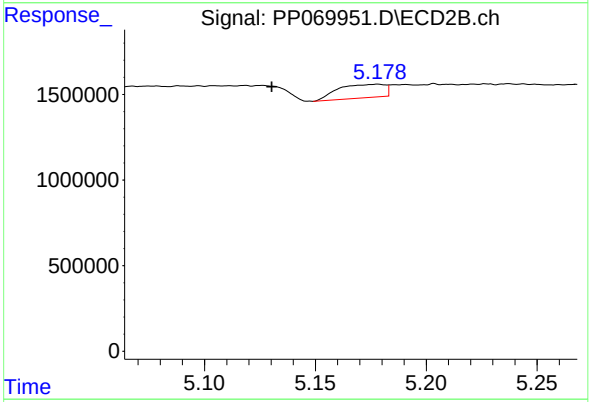
R.T.: 4.975 min
Delta R.T.: 0.022 min
Response: 82283
Conc: 1.83 ng/ml



#5 AR-1016-3

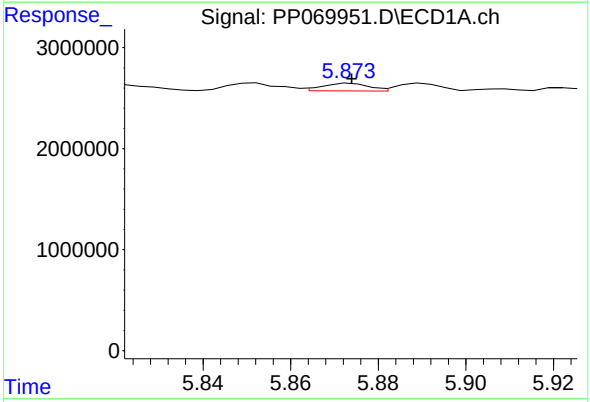
R.T.: 5.823 min
Delta R.T.: 0.047 min
Response: 423605
Conc: 9.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



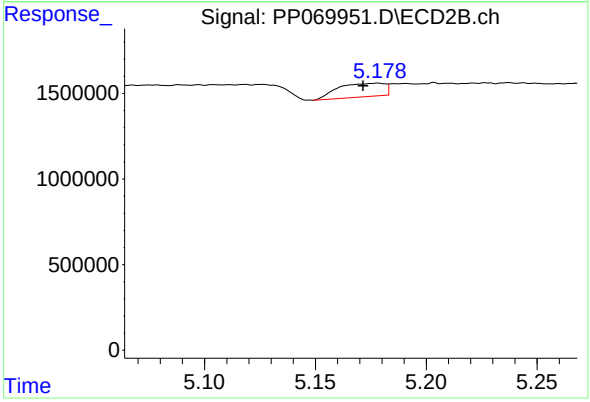
#5 AR-1016-3

R.T.: 5.178 min
Delta R.T.: 0.048 min
Response: 1166171
Conc: 46.86 ng/ml



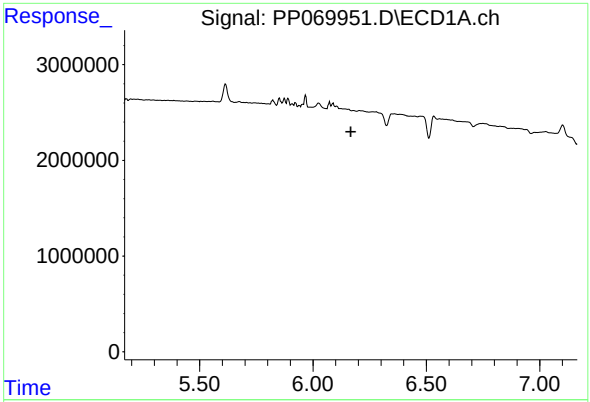
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 556651
Conc: 15.90 ng/ml



#6 AR-1016-4

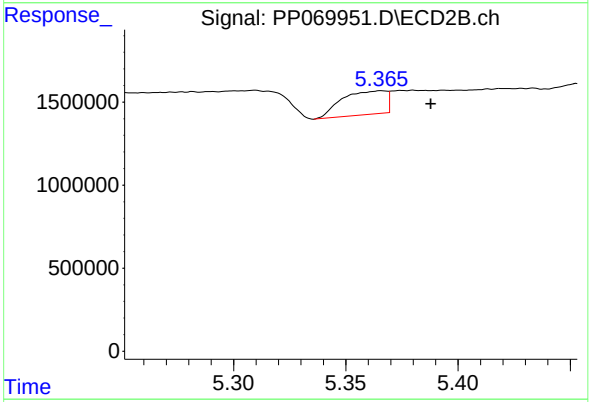
R.T.: 5.178 min
Delta R.T.: 0.006 min
Response: 1166171
Conc: 57.74 ng/ml



#7 AR-1016-5

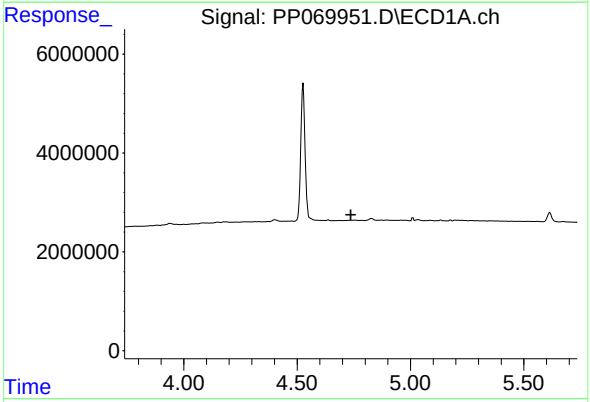
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



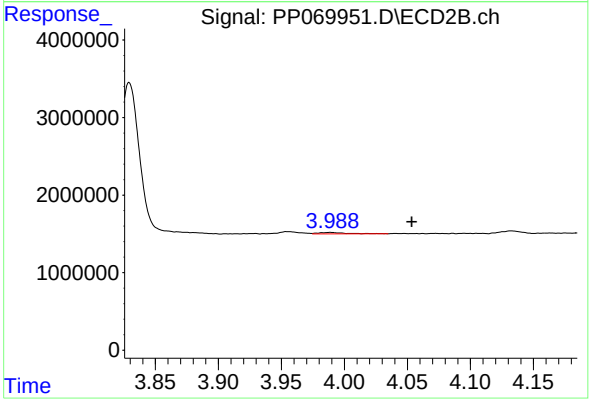
#7 AR-1016-5

R.T.: 5.366 min
Delta R.T.: -0.022 min
Response: 1968454
Conc: 73.38 ng/ml



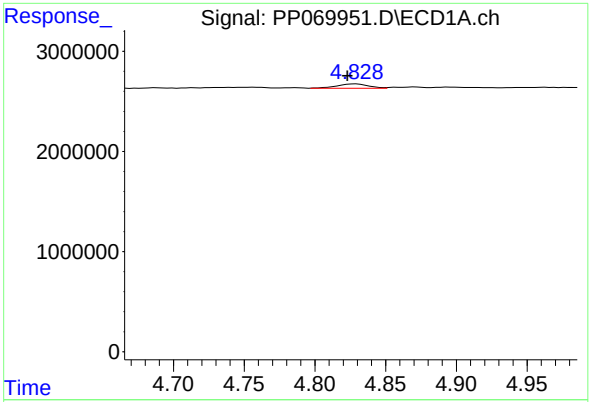
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

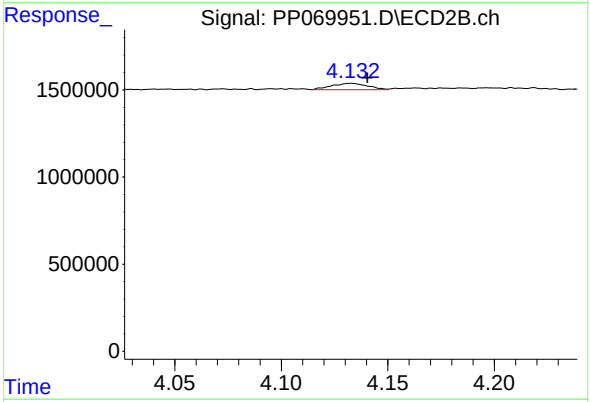
R.T.: 3.989 min
Delta R.T.: -0.065 min
Response: 278240
Conc: 22.59 ng/ml



#9 AR-1221-2

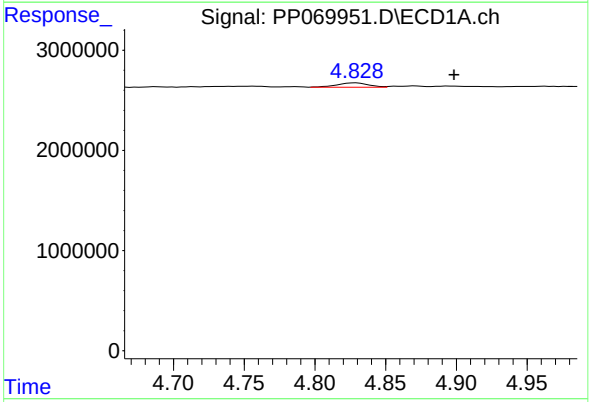
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 676400
Conc: 49.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



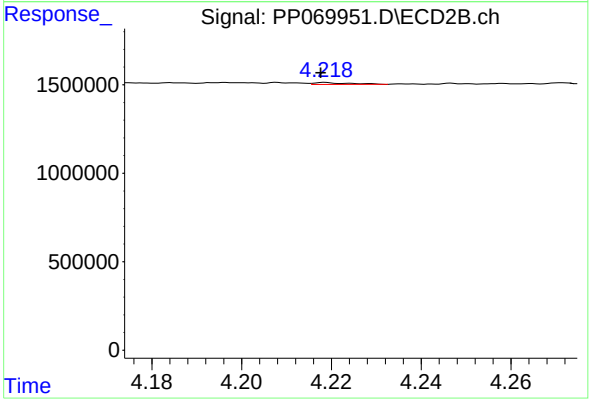
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 429883
Conc: 44.39 ng/ml



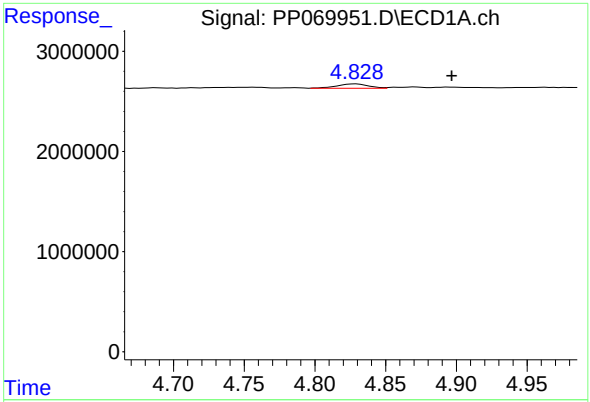
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.070 min
Response: 676400
Conc: 16.13 ng/ml



#10 AR-1221-3

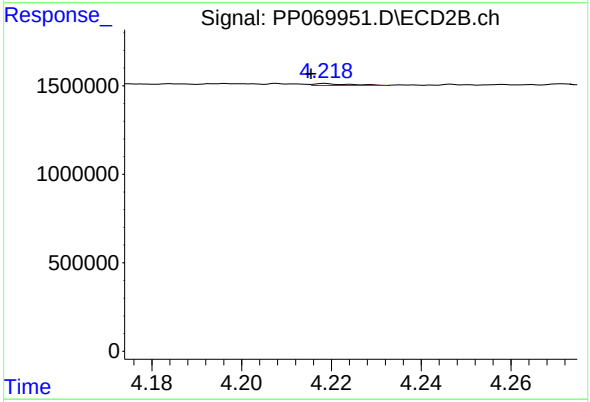
R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 58697
Conc: 2.01 ng/ml



#11 AR-1232-1

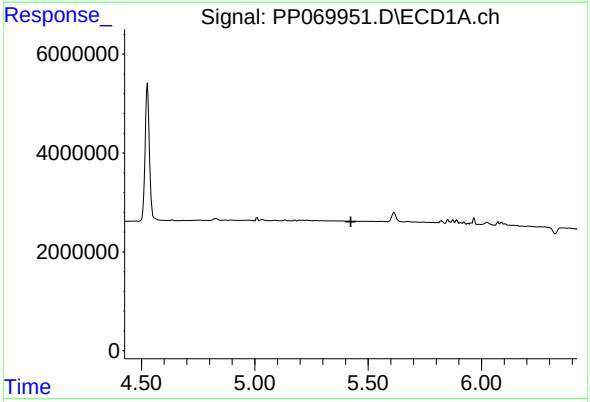
R.T.: 4.829 min
Delta R.T.: -0.068 min
Response: 676400
Conc: 20.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



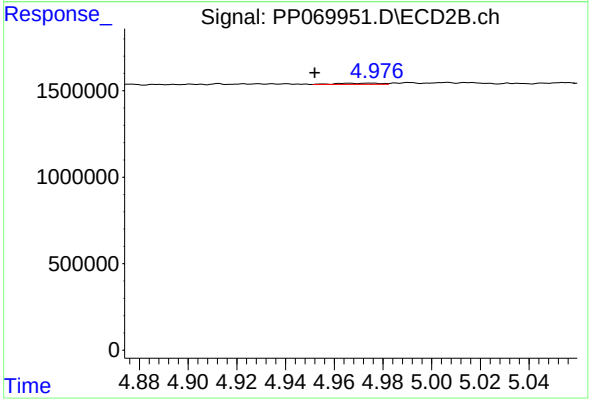
#11 AR-1232-1

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 58697
Conc: 2.50 ng/ml



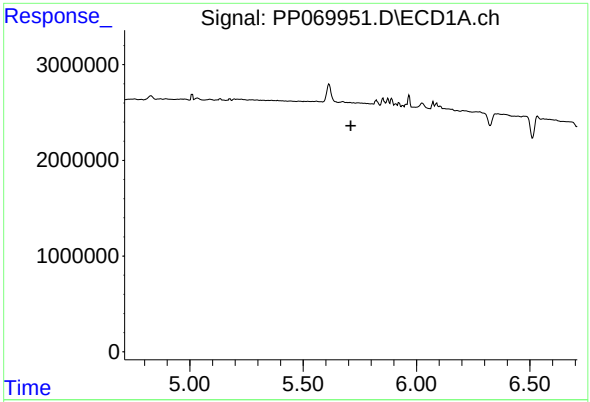
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

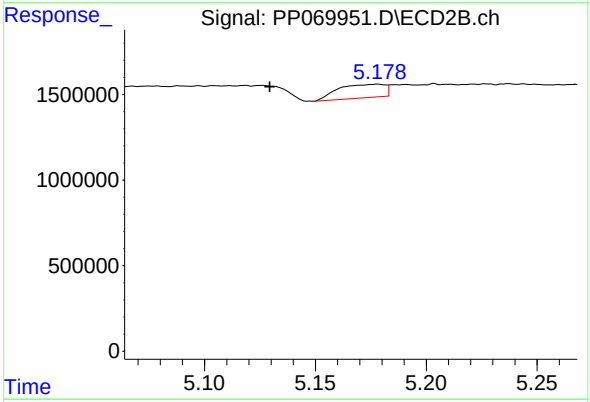
R.T.: 4.975 min
Delta R.T.: 0.023 min
Response: 82283
Conc: 3.49 ng/ml



#13 AR-1232-3

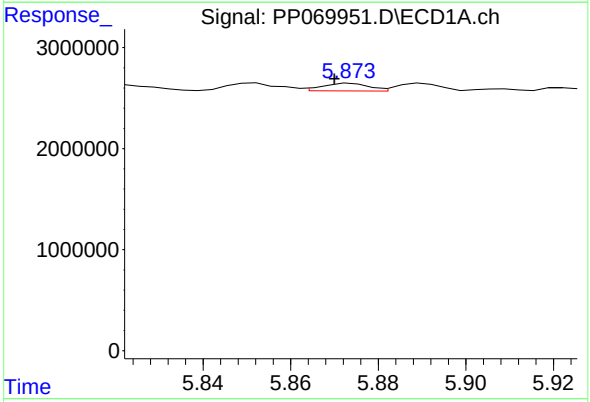
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



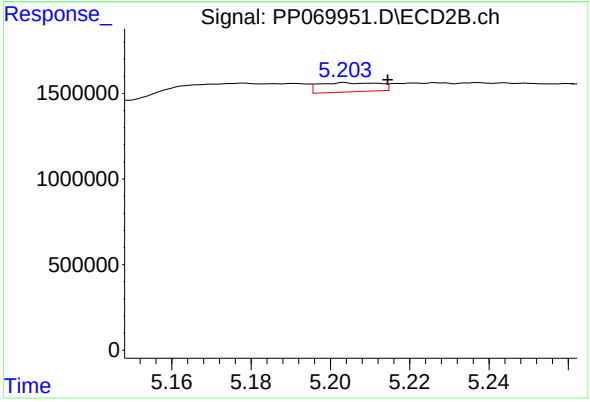
#13 AR-1232-3

R.T.: 5.178 min
Delta R.T.: 0.049 min
Response: 1166171
Conc: 90.07 ng/ml



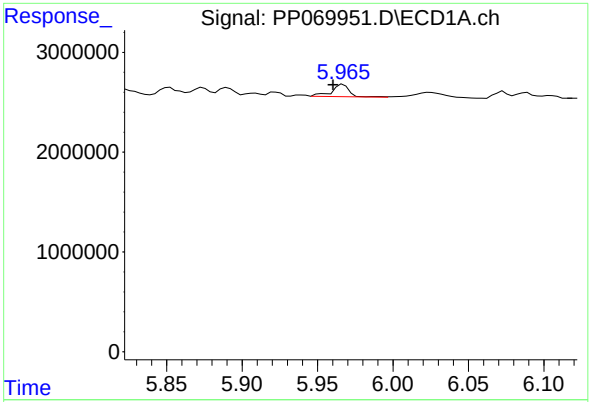
#14 AR-1232-4

R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 556651
Conc: 31.24 ng/ml



#14 AR-1232-4

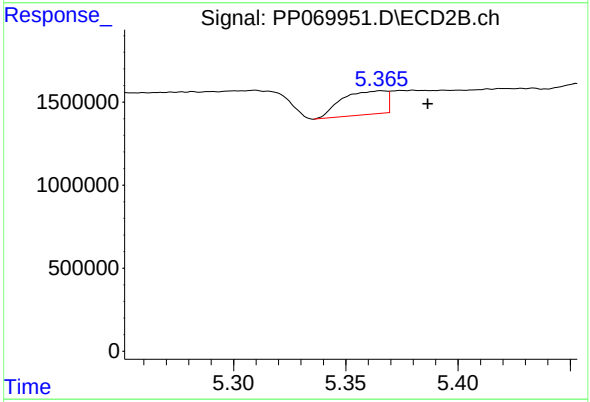
R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 559724
Conc: 50.49 ng/ml



#15 AR-1232-5

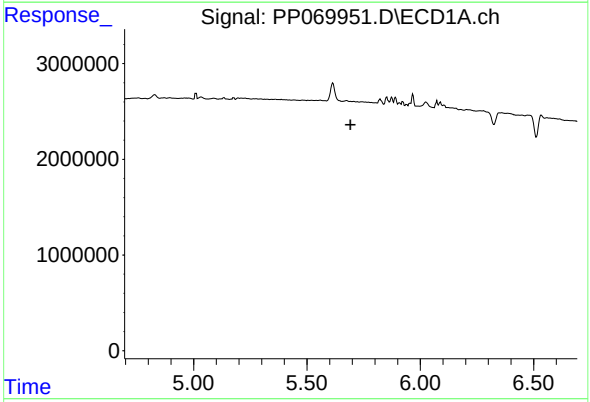
R.T.: 5.967 min
Delta R.T.: 0.007 min
Response: 994825
Conc: 86.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



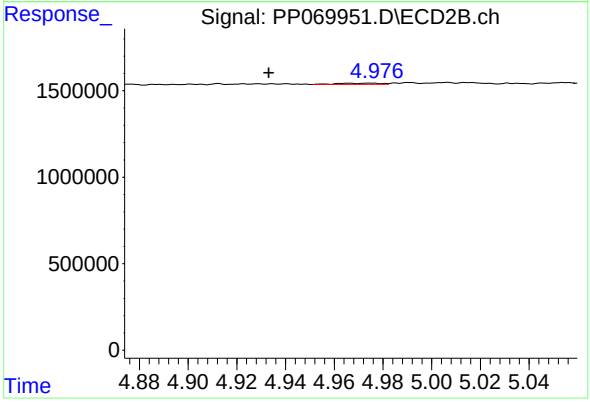
#15 AR-1232-5

R.T.: 5.366 min
Delta R.T.: -0.021 min
Response: 1968454
Conc: 161.21 ng/ml



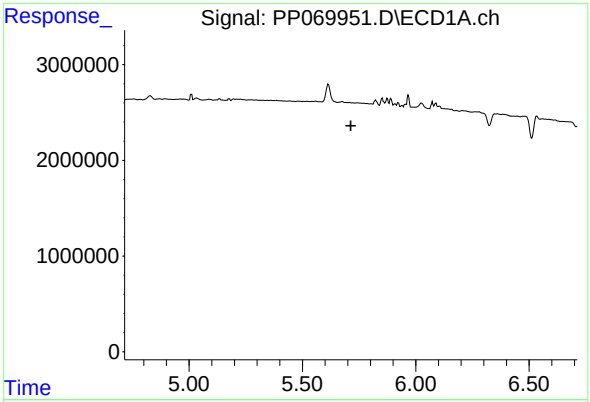
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

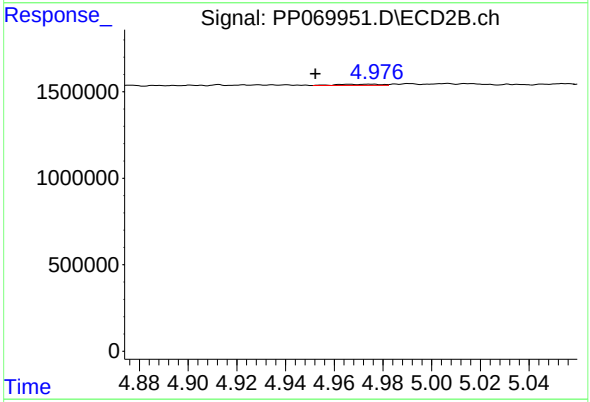
R.T.: 4.975 min
Delta R.T.: 0.042 min
Response: 82283
Conc: 2.85 ng/ml



#17 AR-1242-2

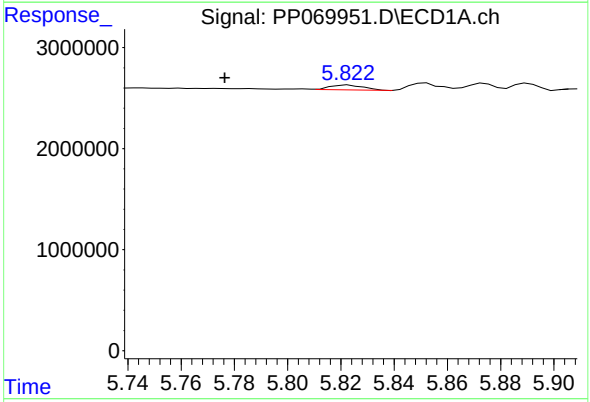
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



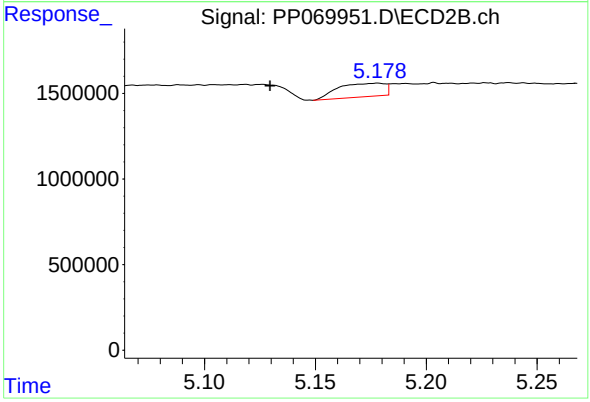
#17 AR-1242-2

R.T.: 4.975 min
Delta R.T.: 0.023 min
Response: 82283
Conc: 2.09 ng/ml



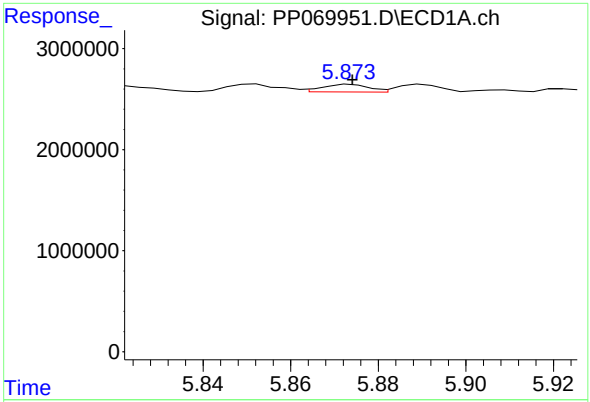
#18 AR-1242-3

R.T.: 5.823 min
Delta R.T.: 0.047 min
Response: 423605
Conc: 11.42 ng/ml



#18 AR-1242-3

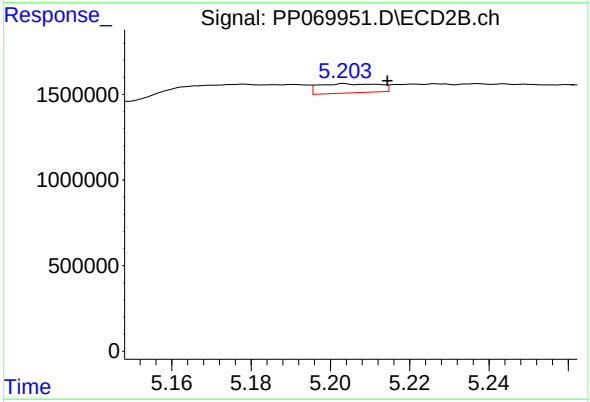
R.T.: 5.178 min
Delta R.T.: 0.048 min
Response: 1166171
Conc: 51.82 ng/ml



#19 AR-1242-4

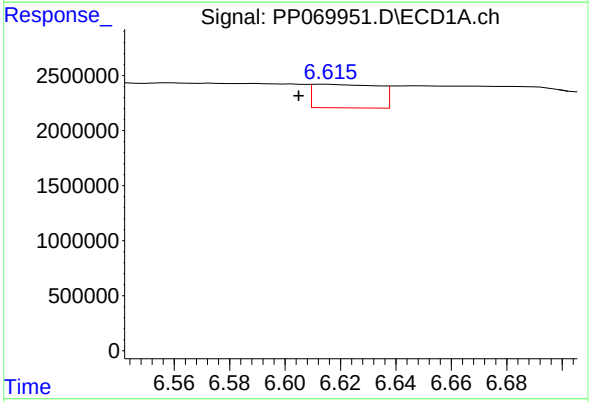
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 556651
Conc: 16.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



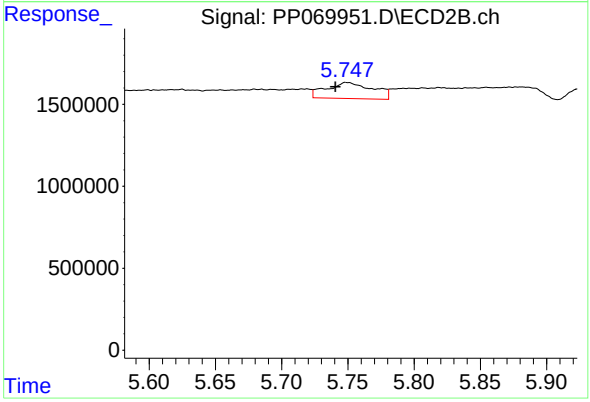
#19 AR-1242-4

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 559724
Conc: 25.93 ng/ml



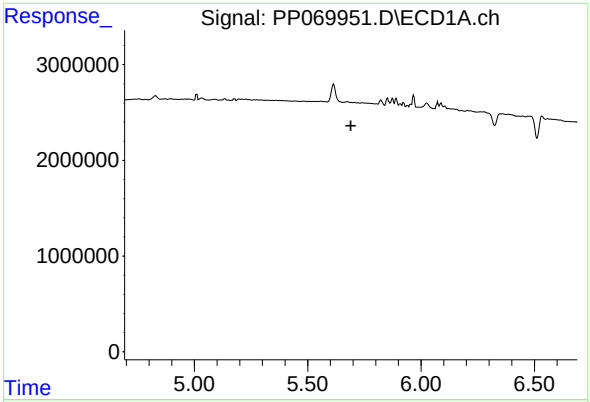
#20 AR-1242-5

R.T.: 6.615 min
Delta R.T.: 0.011 min
Response: 3522710
Conc: 108.11 ng/ml



#20 AR-1242-5

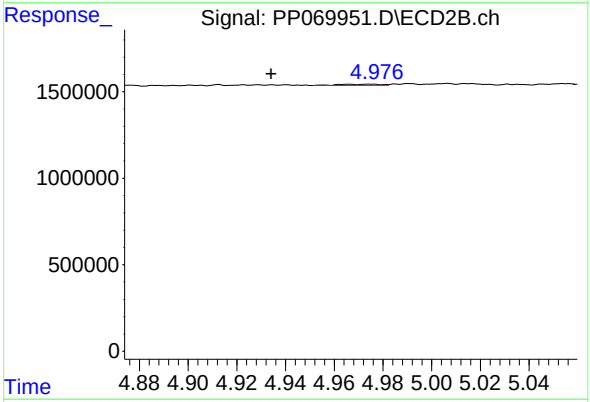
R.T.: 5.749 min
Delta R.T.: 0.009 min
Response: 2380556
Conc: 82.75 ng/ml



#21 AR-1248-1

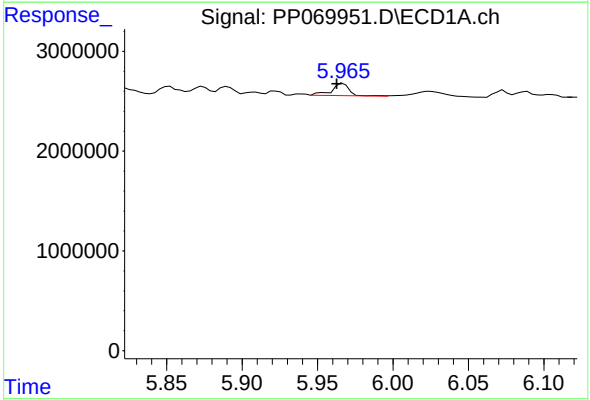
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



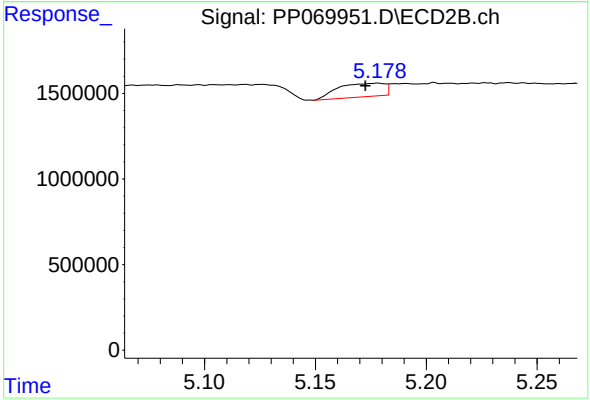
#21 AR-1248-1

R.T.: 4.975 min
Delta R.T.: 0.041 min
Response: 82283
Conc: 3.74 ng/ml



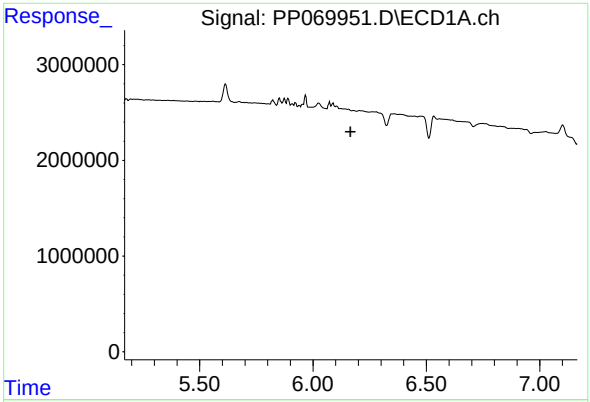
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 994825
Conc: 23.44 ng/ml



#22 AR-1248-2

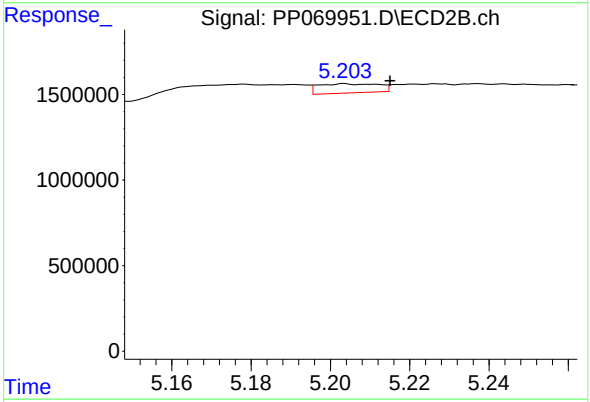
R.T.: 5.178 min
Delta R.T.: 0.005 min
Response: 1166171
Conc: 38.79 ng/ml



#23 AR-1248-3

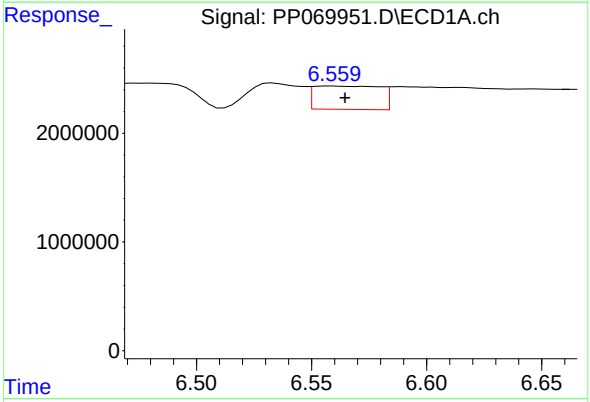
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



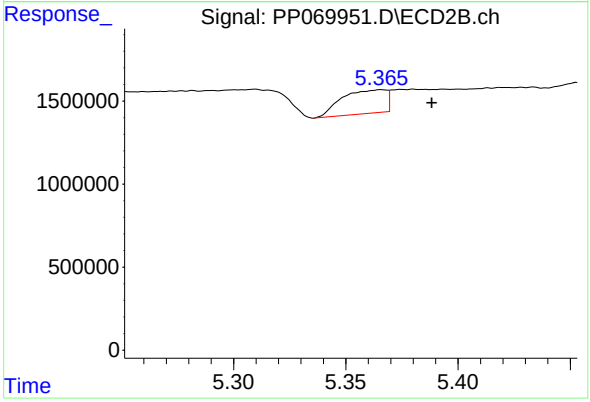
#23 AR-1248-3

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 559724
Conc: 18.06 ng/ml



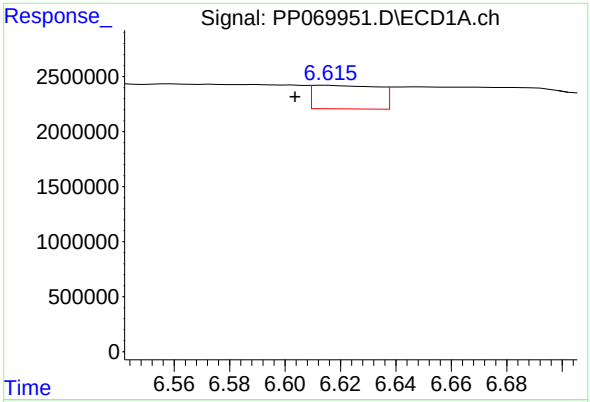
#24 AR-1248-4

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 4279207
Conc: 77.63 ng/ml



#24 AR-1248-4

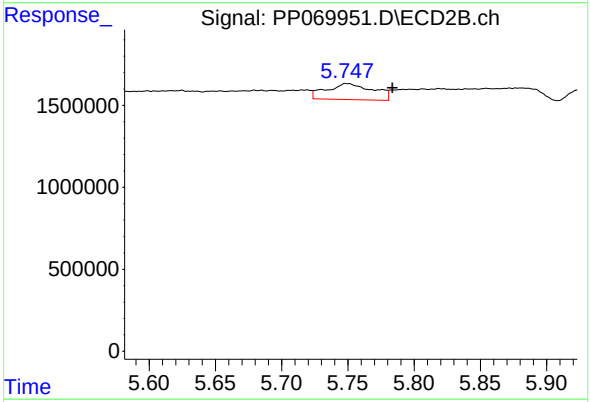
R.T.: 5.366 min
Delta R.T.: -0.022 min
Response: 1968454
Conc: 53.28 ng/ml



#25 AR-1248-5

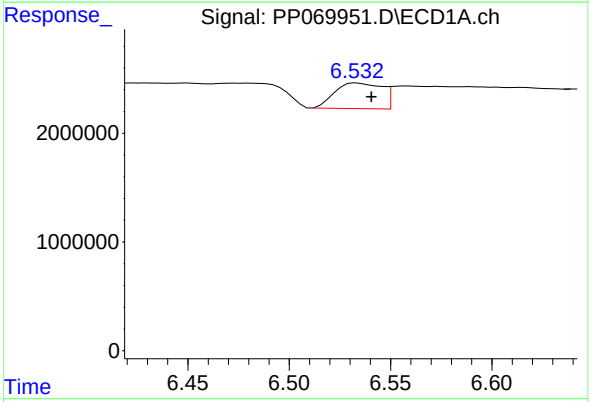
R.T.: 6.615 min
Delta R.T.: 0.012 min
Response: 3522710
Conc: 65.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



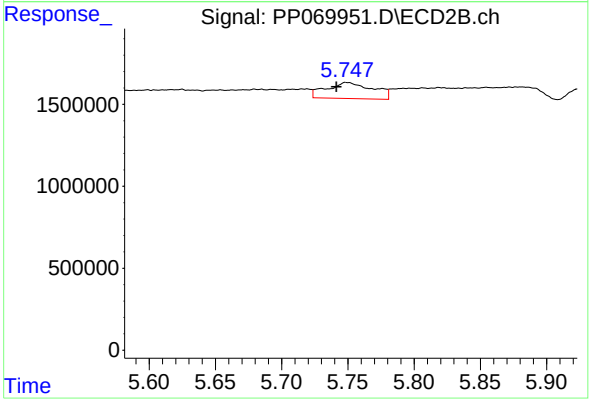
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: -0.035 min
Response: 2380556
Conc: 63.67 ng/ml



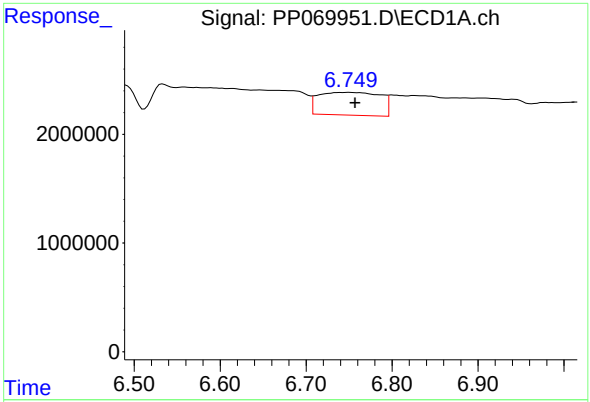
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: -0.007 min
Response: 3764560
Conc: 65.06 ng/ml



#26 AR-1254-1

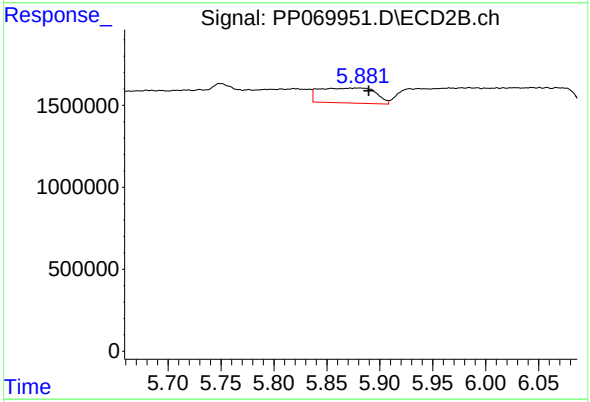
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 2380556
Conc: 43.24 ng/ml



#27 AR-1254-2

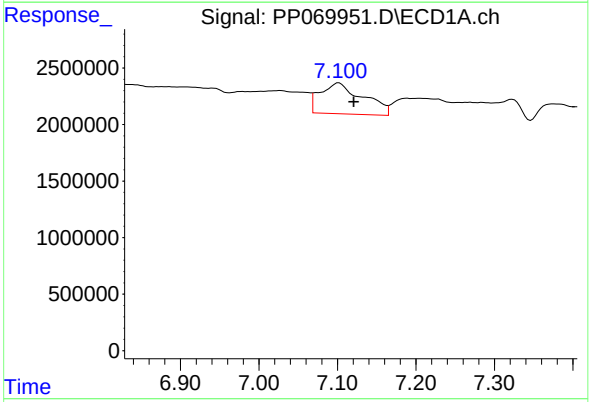
R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 10463549
Conc: 130.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



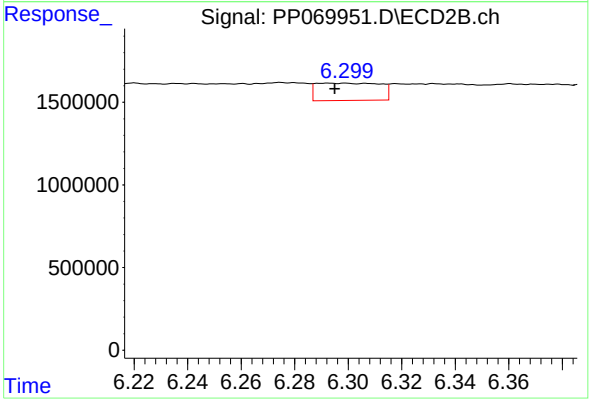
#27 AR-1254-2

R.T.: 5.881 min
Delta R.T.: -0.009 min
Response: 3371624
Conc: 69.71 ng/ml



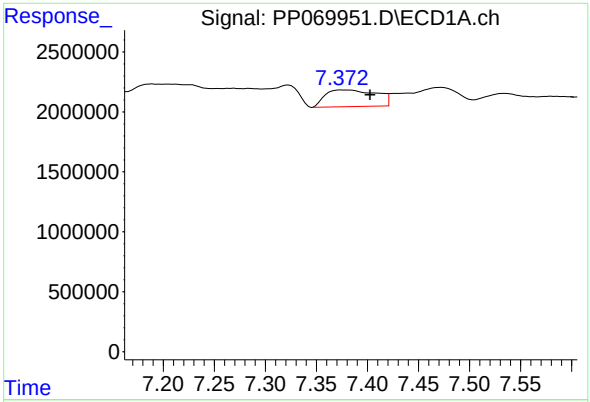
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.019 min
Response: 10469726
Conc: 124.21 ng/ml



#28 AR-1254-3

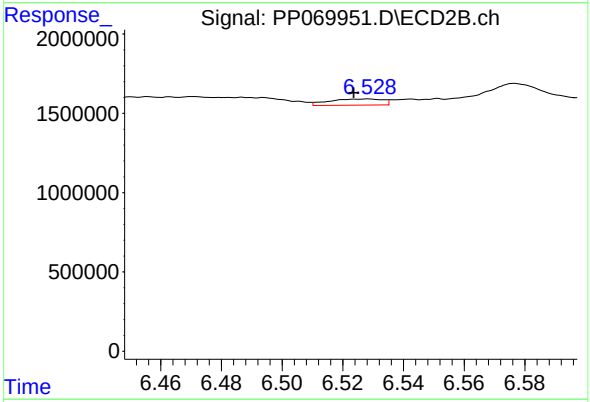
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1744766
Conc: 22.99 ng/ml



#29 AR-1254-4

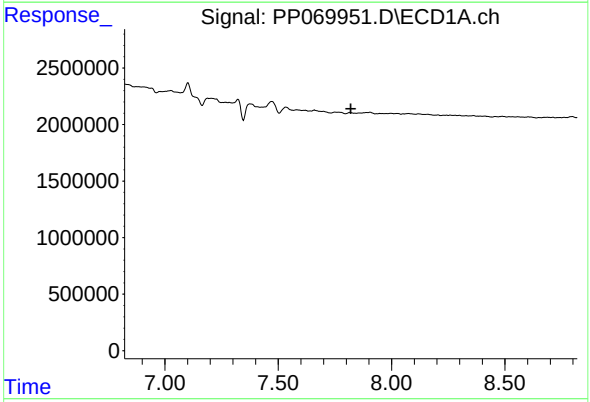
R.T.: 7.375 min
Delta R.T.: -0.028 min
Response: 4790561
Conc: 70.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



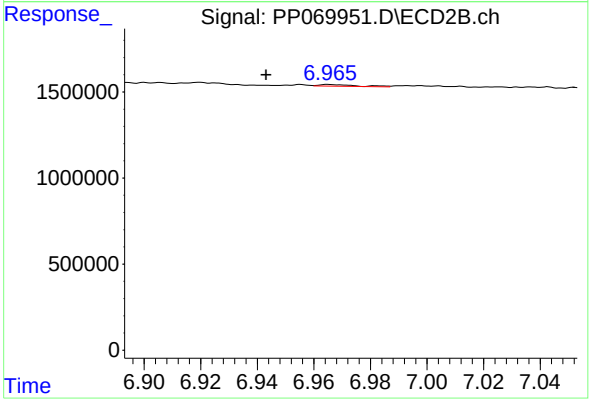
#29 AR-1254-4

R.T.: 6.528 min
Delta R.T.: 0.004 min
Response: 480151
Conc: 9.37 ng/ml



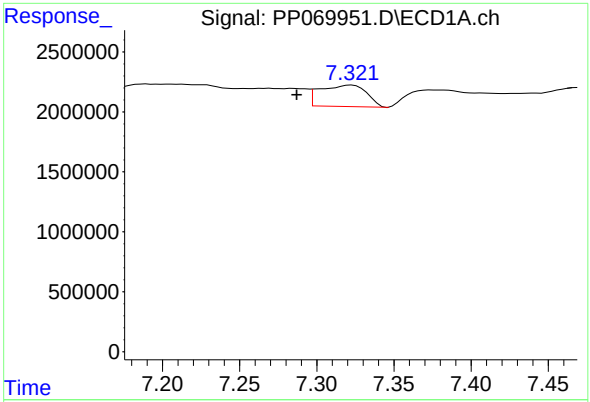
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

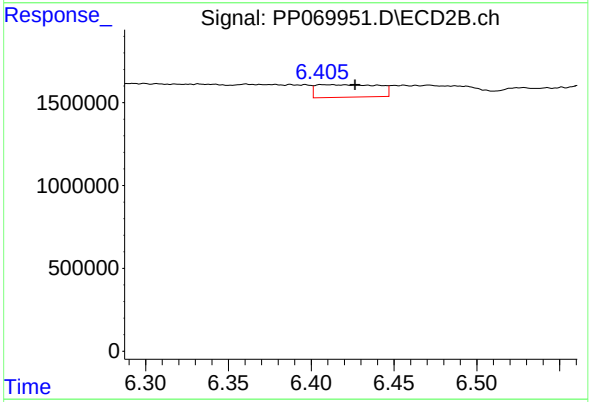
R.T.: 6.965 min
Delta R.T.: 0.022 min
Response: 92961
Conc: 1.40 ng/ml



#31 AR-1260-1

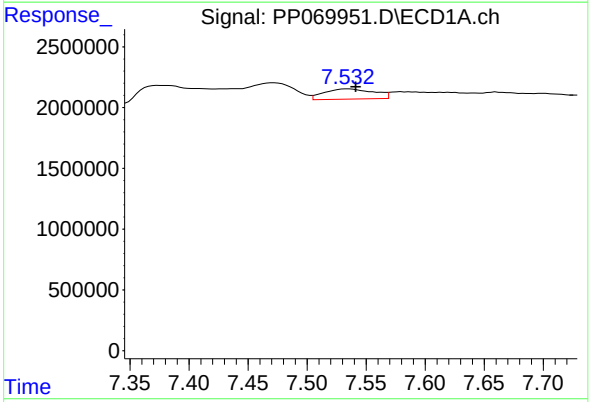
R.T.: 7.323 min
Delta R.T.: 0.036 min
Response: 3774272
Conc: 64.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



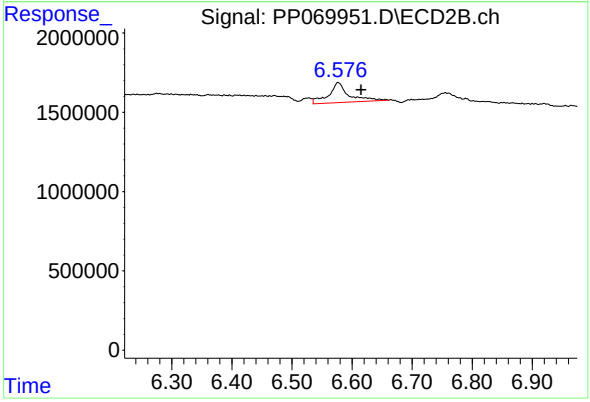
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: -0.006 min
Response: 1971041
Conc: 40.87 ng/ml



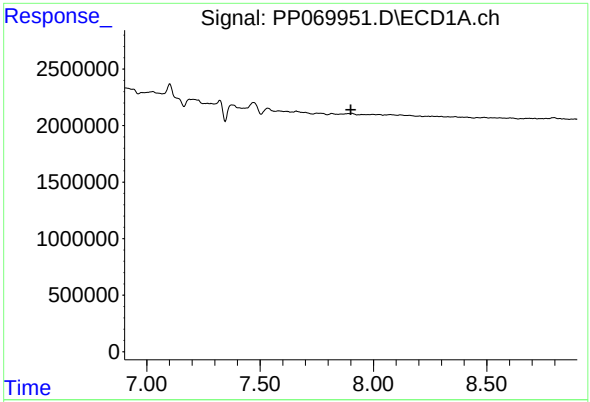
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 2475639
Conc: 31.82 ng/ml



#32 AR-1260-2

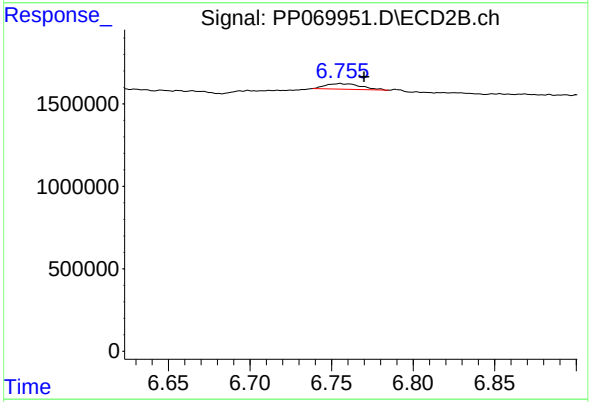
R.T.: 6.577 min
Delta R.T.: -0.038 min
Response: 2960515
Conc: 48.29 ng/ml



#33 AR-1260-3

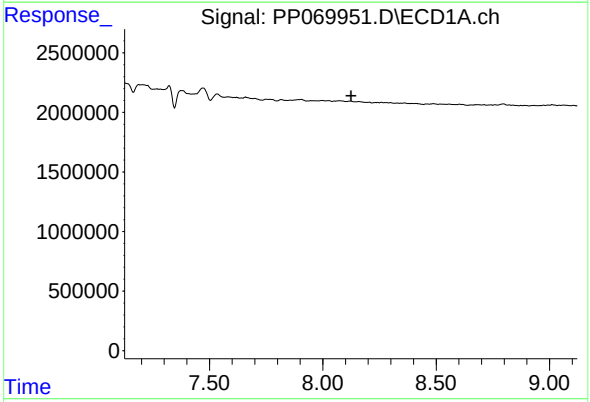
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



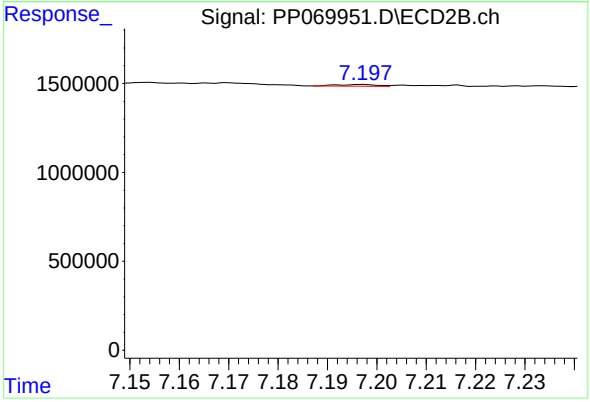
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 511517
Conc: 8.50 ng/ml



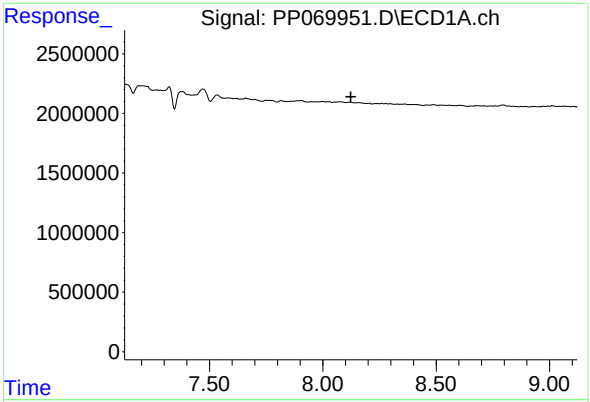
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



#34 AR-1260-4

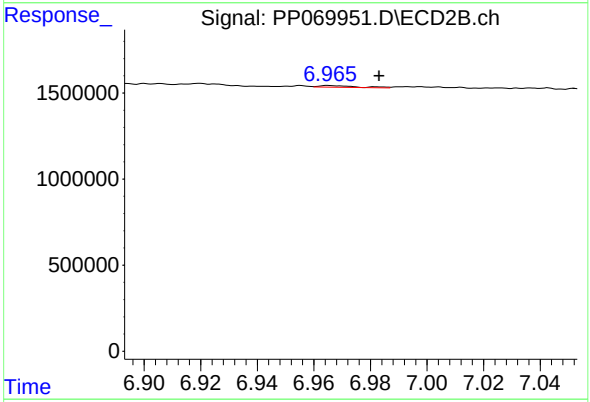
R.T.: 7.197 min
Delta R.T.: -0.045 min
Response: 53911
Conc: 1.16 ng/ml



#36 AR-1262-1

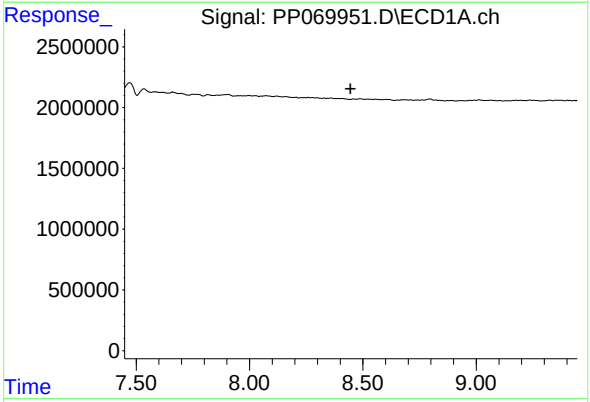
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



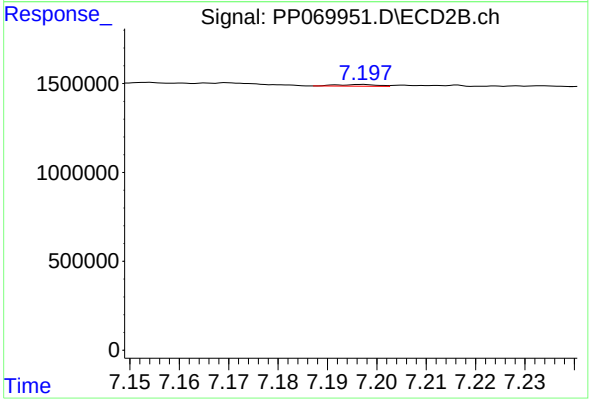
#36 AR-1262-1

R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 92961
Conc: 1.31 ng/ml



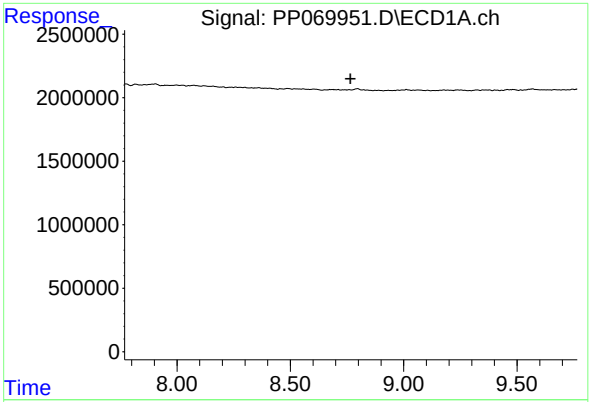
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

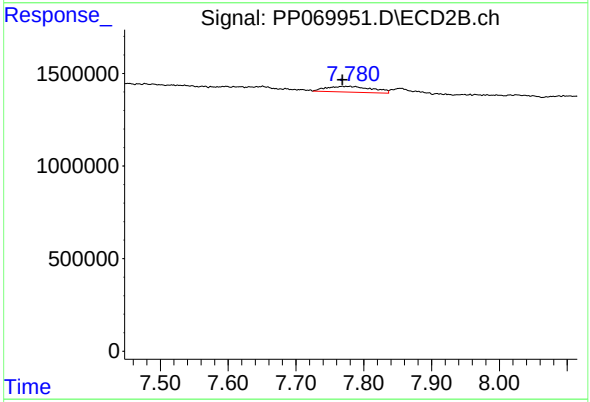
R.T.: 7.197 min
Delta R.T.: -0.046 min
Response: 53911
Conc: 0.88 ng/ml



#38 AR-1262-3

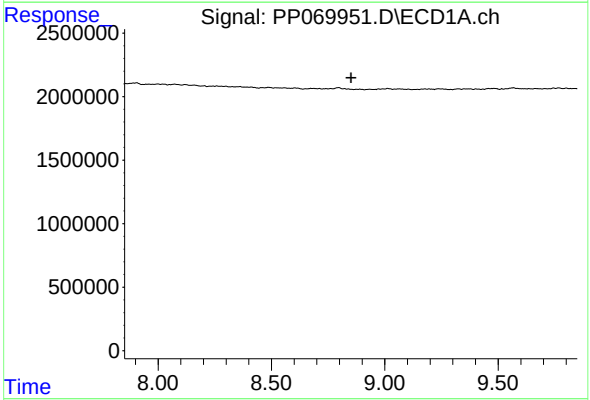
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



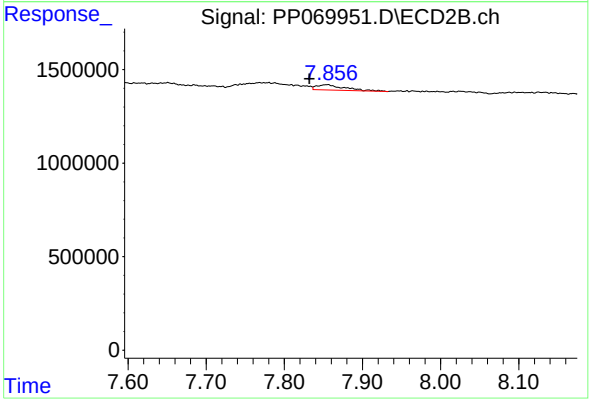
#38 AR-1262-3

R.T.: 7.780 min
Delta R.T.: 0.011 min
Response: 1450774
Conc: 27.74 ng/ml



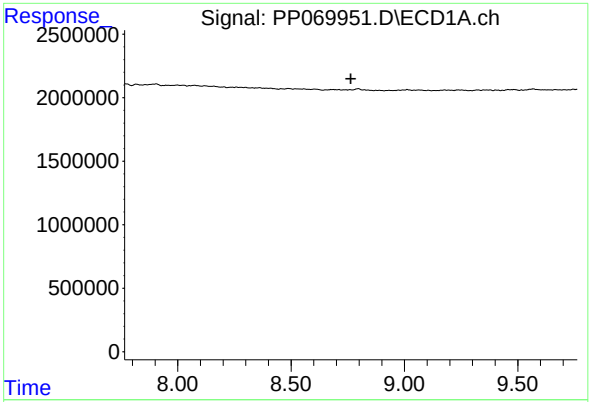
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

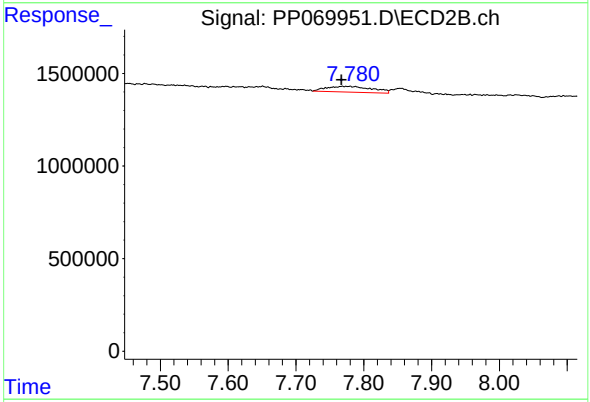
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 694254
Conc: 7.51 ng/ml



#41 AR-1268-1

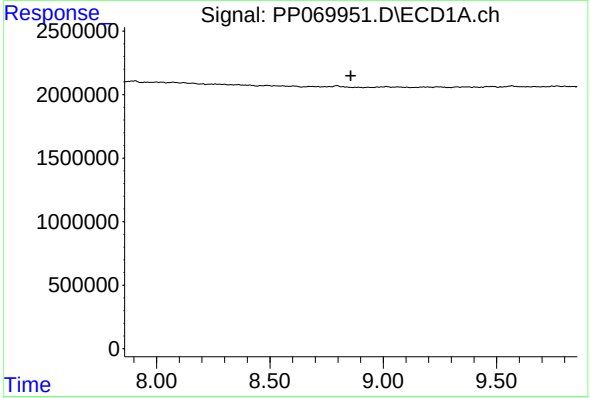
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



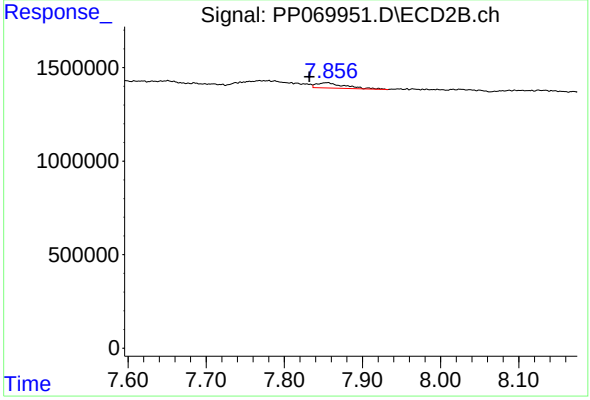
#41 AR-1268-1

R.T.: 7.780 min
Delta R.T.: 0.013 min
Response: 1450774
Conc: 10.00 ng/ml



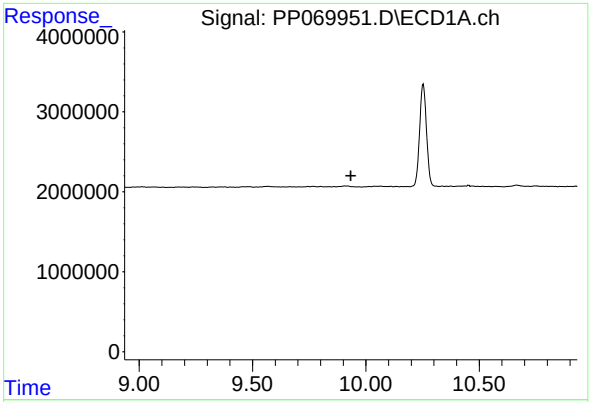
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

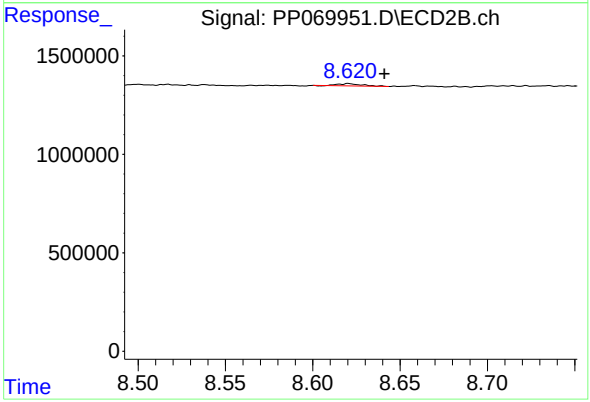
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 694254
Conc: 5.23 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 107152
Conc: 0.30 ng/ml