

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082523\
 Data File : PL084989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Aug 2023 14:55
 Operator : AR\AJ
 Sample : 04169-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 22:23:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.476	2.684	26156366	12481282	11.257	11.478
28)	SA Decachlor...	9.027	7.864	20660716	14871799	12.698	11.928
Target Compounds							
4)	MA Heptachlor	4.843f	0.000	2604489	0	0.774	N.D. #
5)	MB Aldrin	0.000	4.136	0	433553	N.D.	0.298 #
6)	B beta-BHC	4.489f	3.830	644942	-1520	0.462	N.D. #
7)	B delta-BHC	4.716	4.056	940413	333796	0.292	0.220
8)	B Heptachlo...	5.634	4.652	1020903	55880	0.339	0.042 #
10)	B gamma-Chl...	5.893	4.886f	9422141	1291154	3.290	0.952 #
11)	B alpha-Chl...	5.978	4.960	11361332	1957264	4.024	1.437 #
13)	MA Dieldrin	6.300	5.290	435627	1306540	0.165	0.962 #
14)	MA Endrin	6.530	5.578f	580450	87121	0.266	0.071 #
16)	A 4,4'-DDD	6.680	5.719	1516282	-464	0.904	N.D. #
17)	MA 4,4'-DDT	6.984	5.967	2029443	2070332	1.083	1.784 #
18)	B Endrin al...	6.856f	6.065f	86497	202729	0.051	0.204 #
19)	B Endosulfa...	7.090f	6.268	422230	292632	0.211	0.246
21)	B Endrin ke...	7.624f	0.000	5353882	0	2.676	N.D. #
23)	Chlordane-1	0.000	3.684	0	634432	N.D.	16.552 #
25)	Chlordane-3	5.893	4.886f	9422141	1291154	23.360	9.321 #
26)	Chlordane-4	5.978	4.960	11361332	1957264	23.455	13.637 #
27)	Chlordane-5	6.800f	5.854	1044731	-404863	14.034	N.D. #

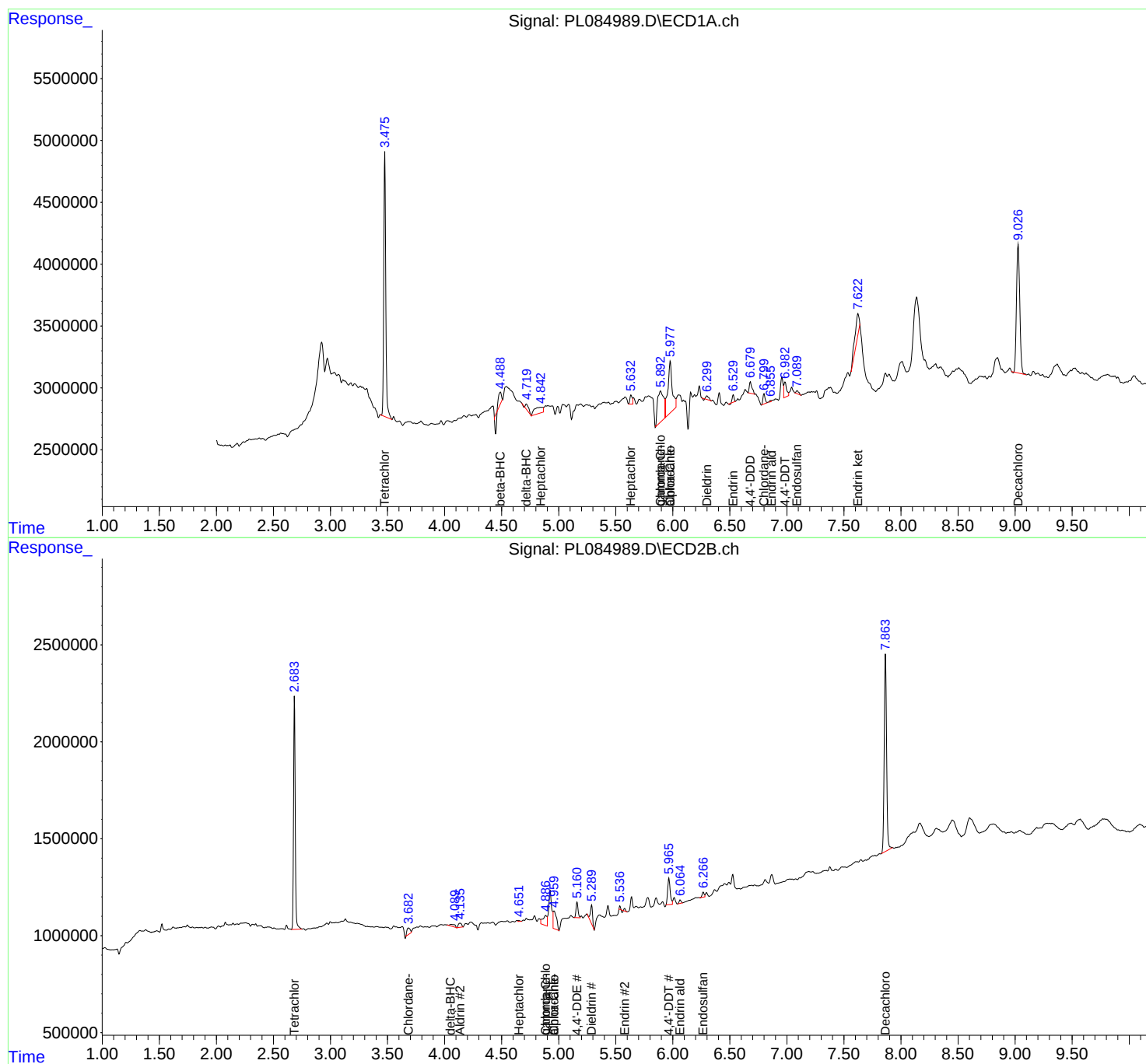
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

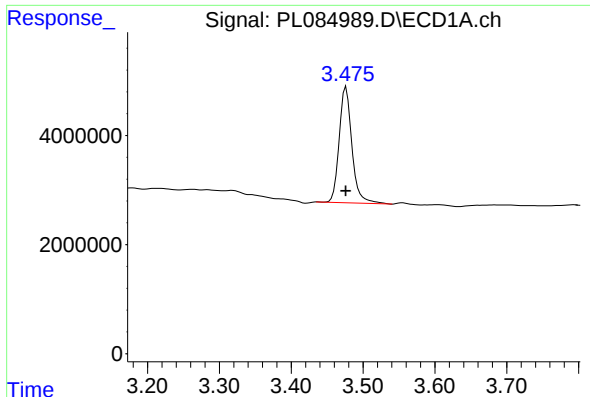
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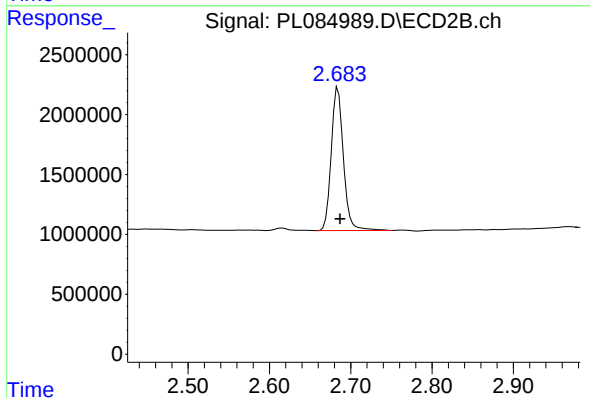




#1 Tetrachloro-m-xylene

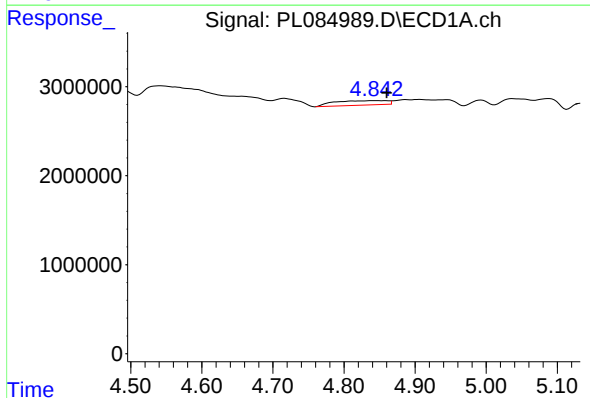
R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 26156366
Conc: 11.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



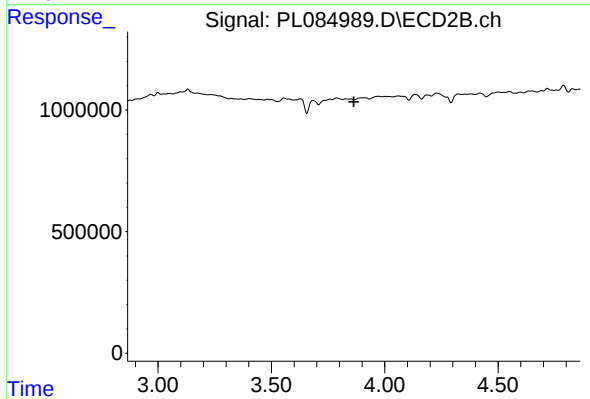
#1 Tetrachloro-m-xylene

R.T.: 2.684 min
Delta R.T.: -0.002 min
Response: 12481282
Conc: 11.48 ng/ml



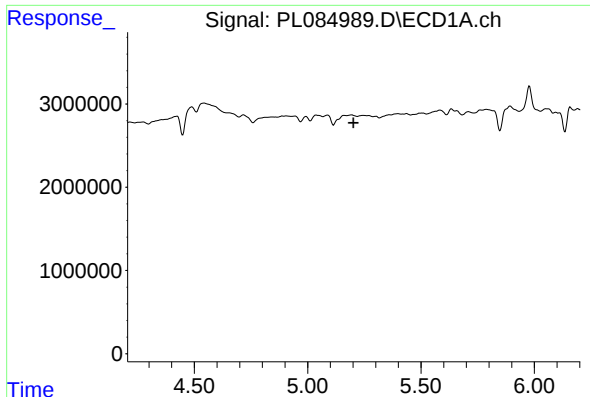
#4 Heptachlor

R.T.: 4.843 min
Delta R.T.: -0.017 min
Response: 2604489
Conc: 0.77 ng/ml



#4 Heptachlor

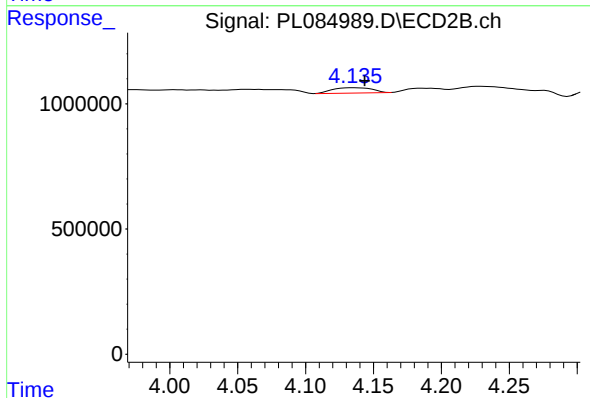
R.T.: 0.000 min
Exp R.T.: 3.863 min
Response: 0
Conc: N.D.



#5 Aldrin

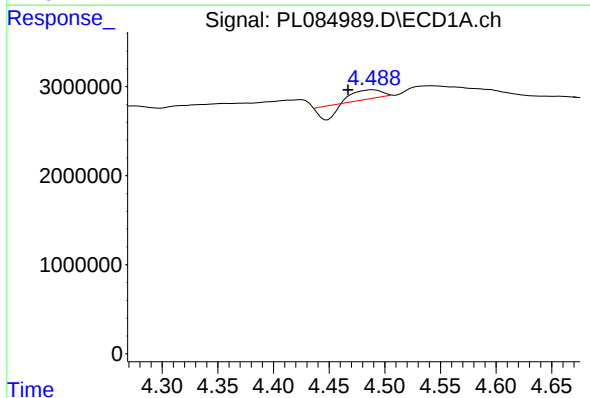
R.T.: 0.000 min
Exp R.T.: 5.203 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



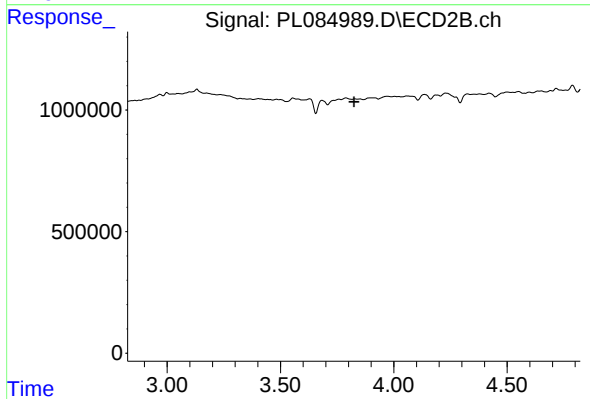
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 433553
Conc: 0.30 ng/ml



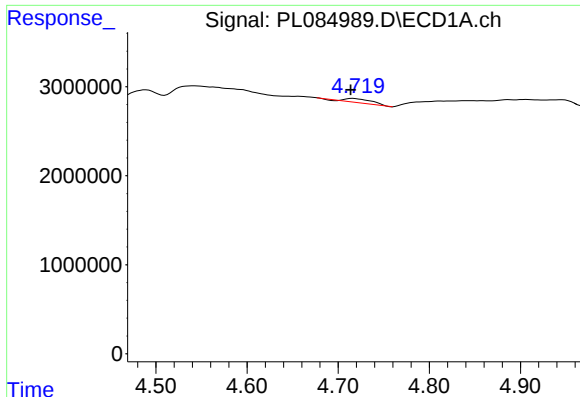
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: 0.022 min
Response: 644942
Conc: 0.46 ng/ml



#6 beta-BHC

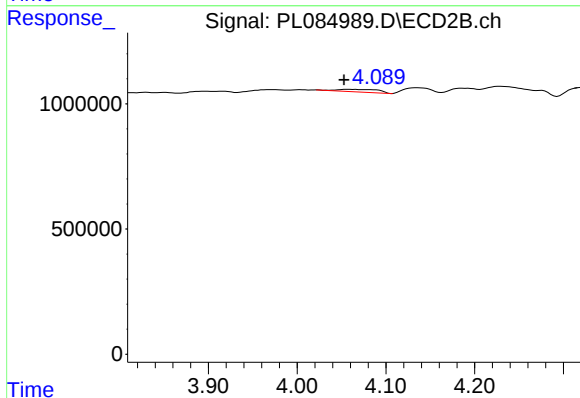
R.T.: 3.830 min
Delta R.T.: 0.005 min
Response: -1520
Conc: N.D.



#7 delta-BHC

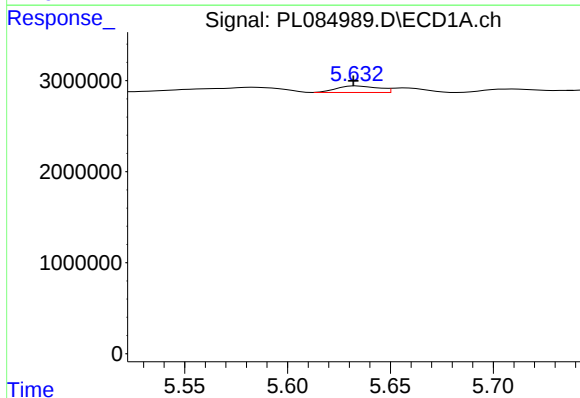
R.T.: 4.716 min
Delta R.T.: 0.002 min
Response: 940413
Conc: 0.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



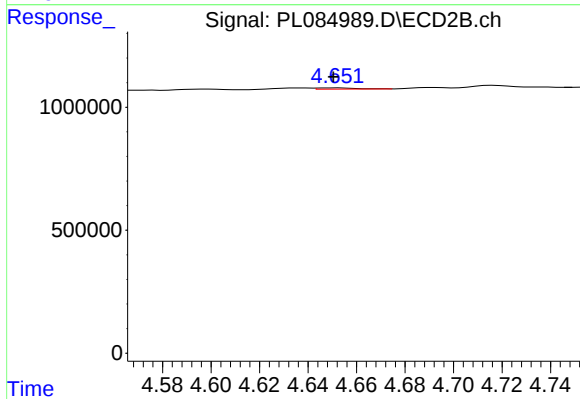
#7 delta-BHC

R.T.: 4.056 min
Delta R.T.: 0.003 min
Response: 333796
Conc: 0.22 ng/ml



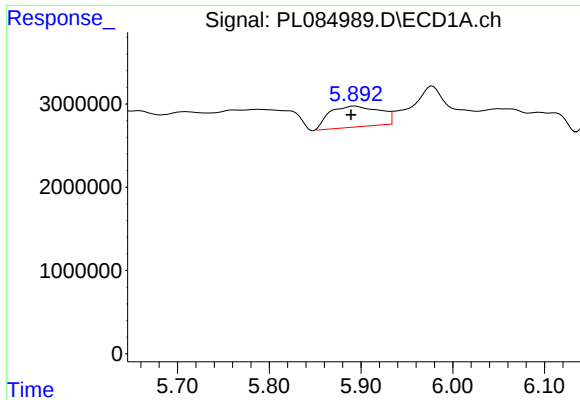
#8 Heptachlor epoxide

R.T.: 5.634 min
Delta R.T.: 0.002 min
Response: 1020903
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

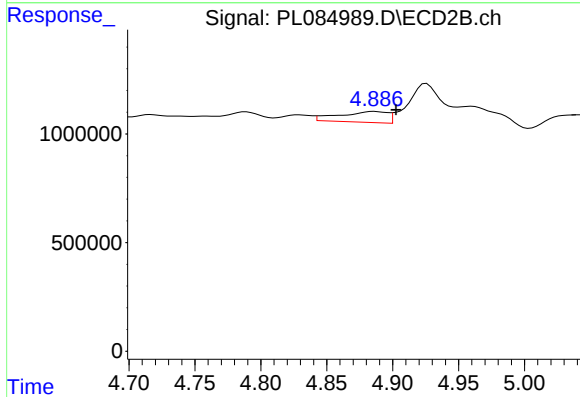
R.T.: 4.652 min
Delta R.T.: 0.002 min
Response: 55880
Conc: 0.04 ng/ml



#10 gamma-Chlordane

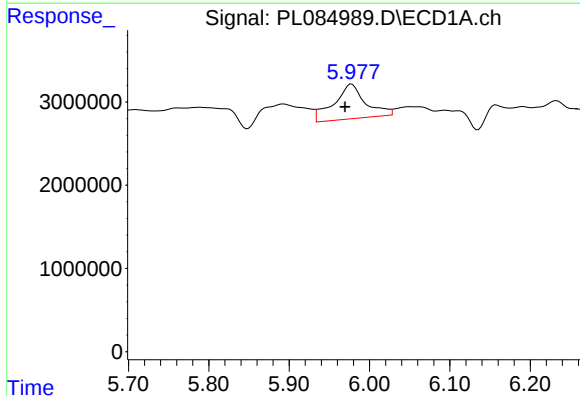
R.T.: 5.893 min
Delta R.T.: 0.004 min
Response: 9422141
Conc: 3.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



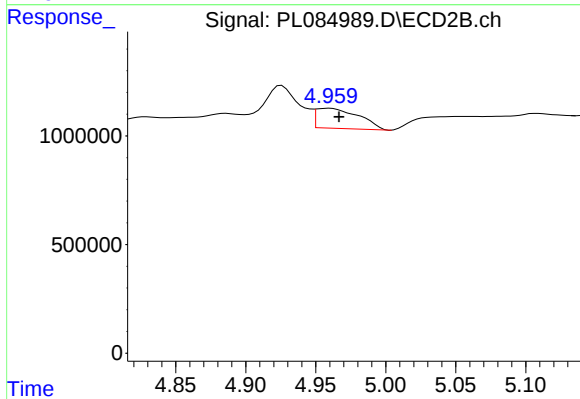
#10 gamma-Chlordane

R.T.: 4.886 min
Delta R.T.: -0.017 min
Response: 1291154
Conc: 0.95 ng/ml



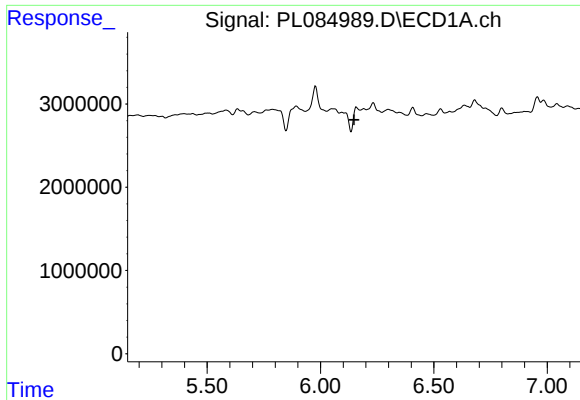
#11 alpha-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.008 min
Response: 11361332
Conc: 4.02 ng/ml



#11 alpha-Chlordane

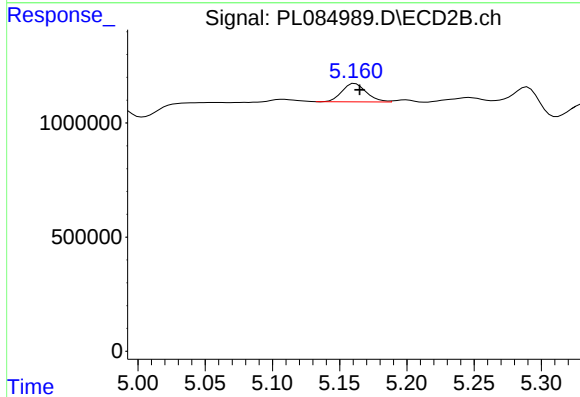
R.T.: 4.960 min
Delta R.T.: -0.007 min
Response: 1957264
Conc: 1.44 ng/ml



#12 4,4'-DDE

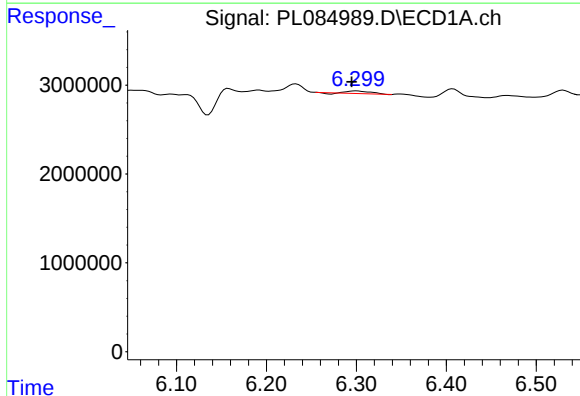
R.T.: 6.158 min
Delta R.T.: 0.010 min
Response: -2024995
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



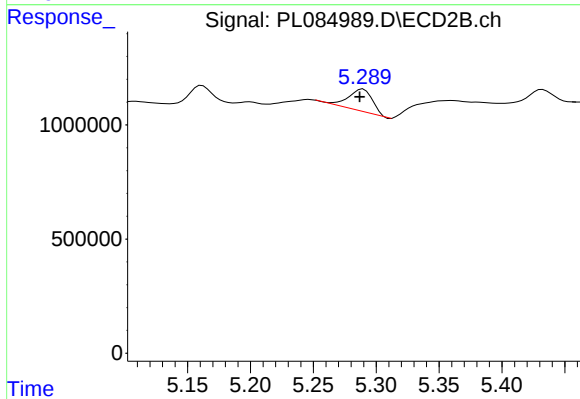
#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 1007146
Conc: 0.82 ng/ml



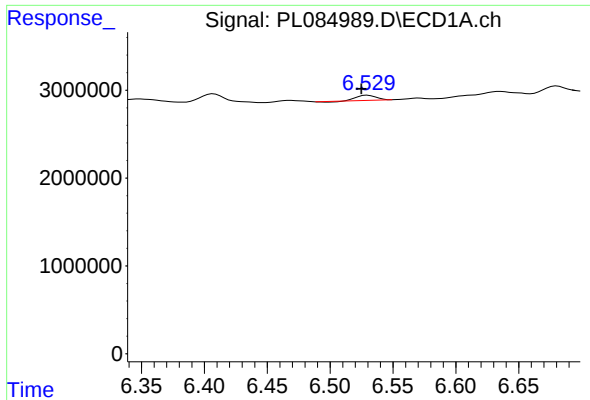
#13 Dieldrin

R.T.: 6.300 min
Delta R.T.: 0.005 min
Response: 435627
Conc: 0.16 ng/ml



#13 Dieldrin

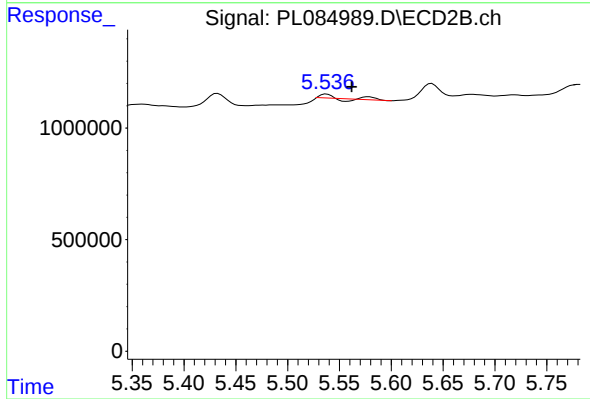
R.T.: 5.290 min
Delta R.T.: 0.003 min
Response: 1306540
Conc: 0.96 ng/ml



#14 Endrin

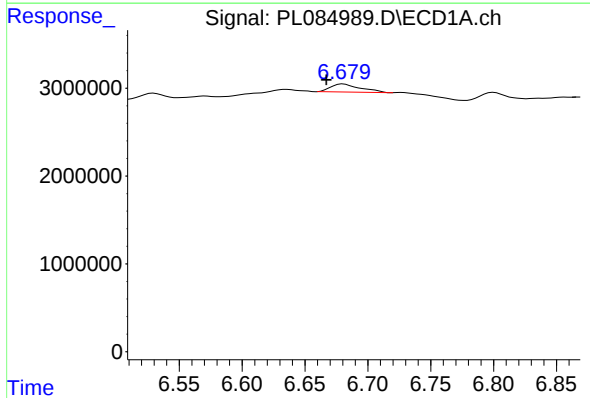
R.T.: 6.530 min
Delta R.T.: 0.005 min
Response: 580450
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



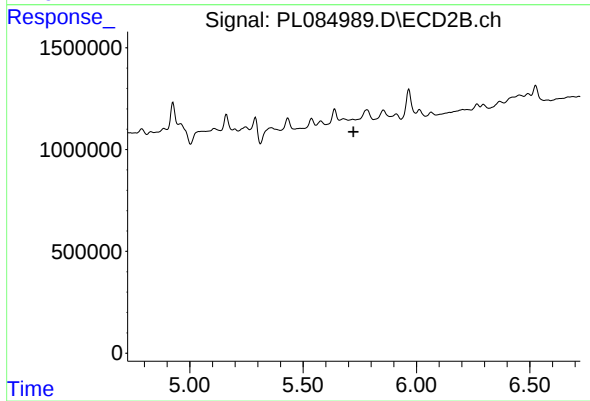
#14 Endrin

R.T.: 5.578 min
Delta R.T.: 0.016 min
Response: 87121
Conc: 0.07 ng/ml



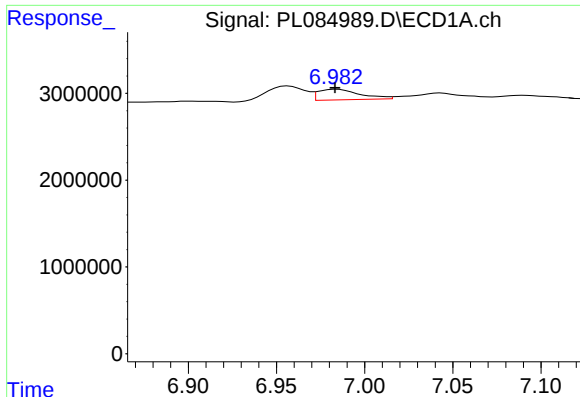
#16 4,4'-DDD

R.T.: 6.680 min
Delta R.T.: 0.013 min
Response: 1516282
Conc: 0.90 ng/ml



#16 4,4'-DDD

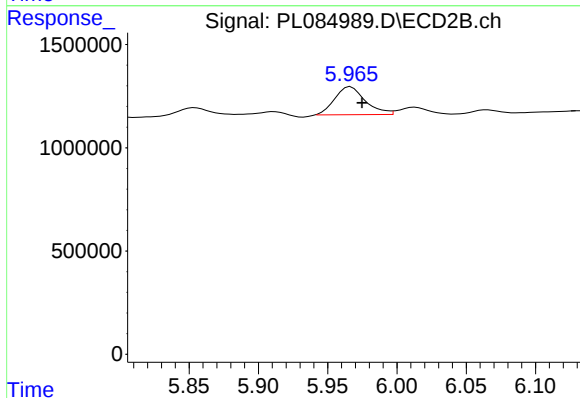
R.T.: 5.719 min
Delta R.T.: -0.003 min
Response: -464
Conc: N.D.



#17 4,4'-DDT

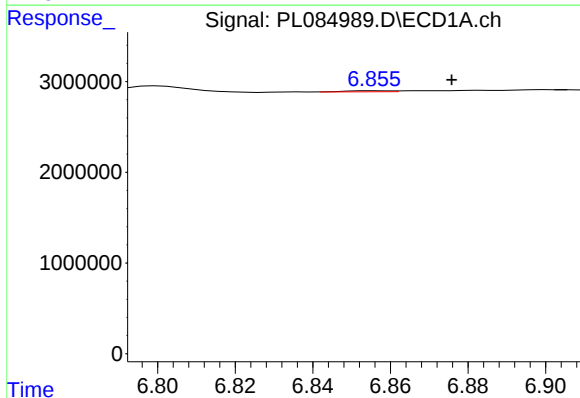
R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 2029443
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



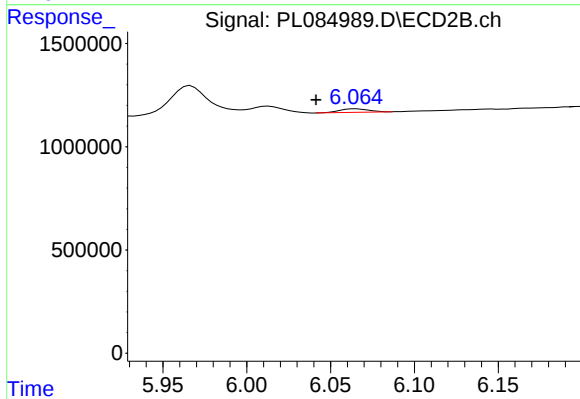
#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: -0.008 min
Response: 2070332
Conc: 1.78 ng/ml



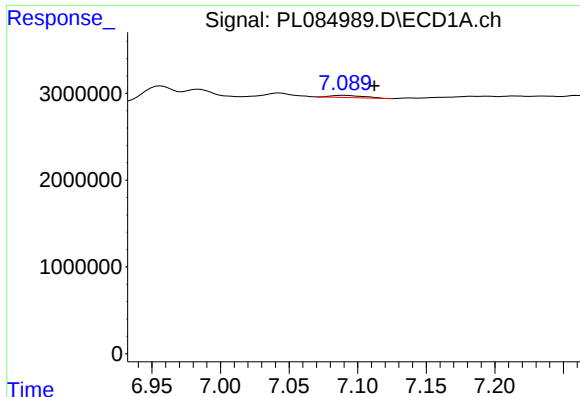
#18 Endrin aldehyde

R.T.: 6.856 min
Delta R.T.: -0.019 min
Response: 86497
Conc: 0.05 ng/ml



#18 Endrin aldehyde

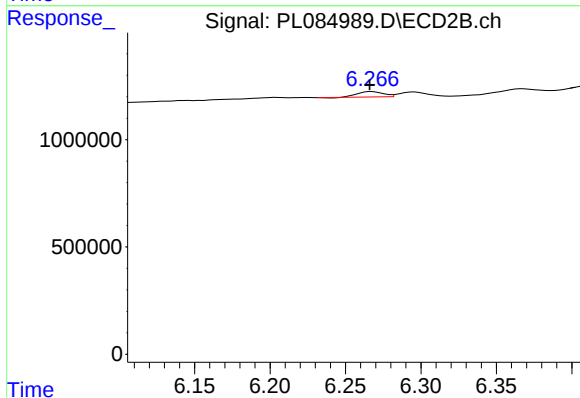
R.T.: 6.065 min
Delta R.T.: 0.024 min
Response: 202729
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

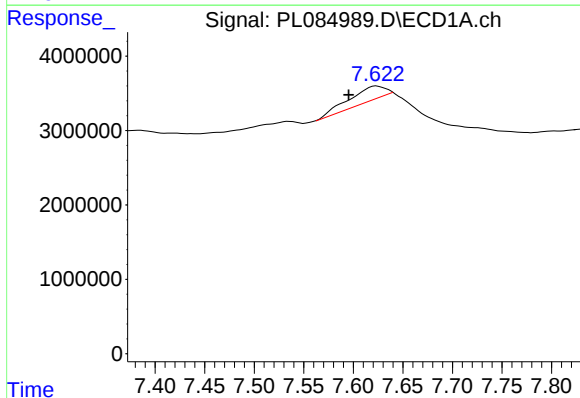
R.T.: 7.090 min
Delta R.T.: -0.022 min
Response: 422230
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



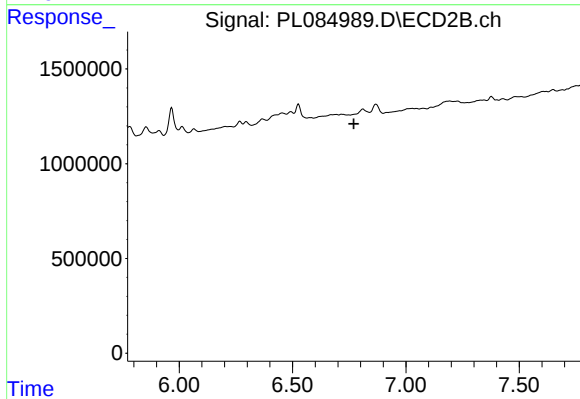
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: 0.002 min
Response: 292632
Conc: 0.25 ng/ml



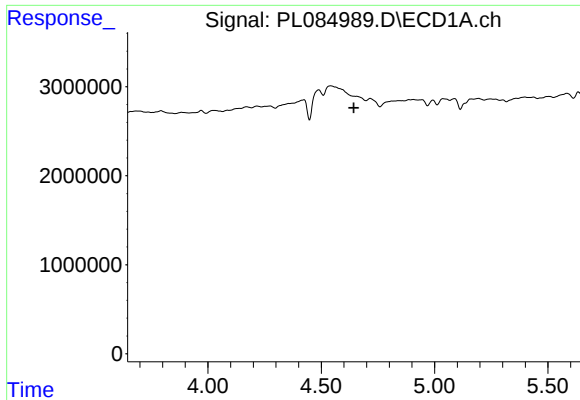
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: 0.028 min
Response: 5353882
Conc: 2.68 ng/ml



#21 Endrin ketone

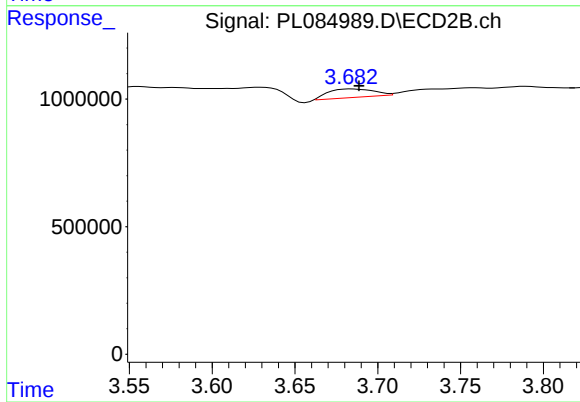
R.T.: 0.000 min
Exp R.T.: 6.771 min
Response: 0
Conc: N.D.



#23 Chlordane-1

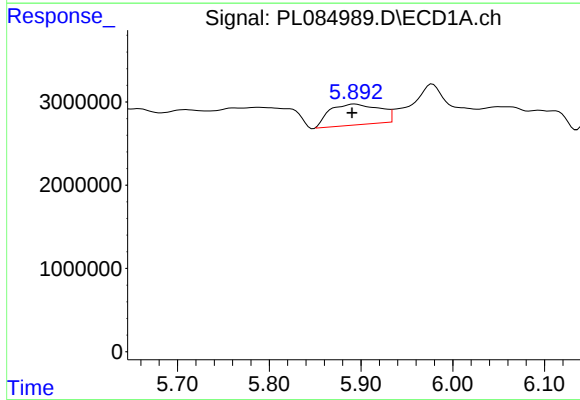
R.T.: 0.000 min
Exp R.T.: 4.644 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



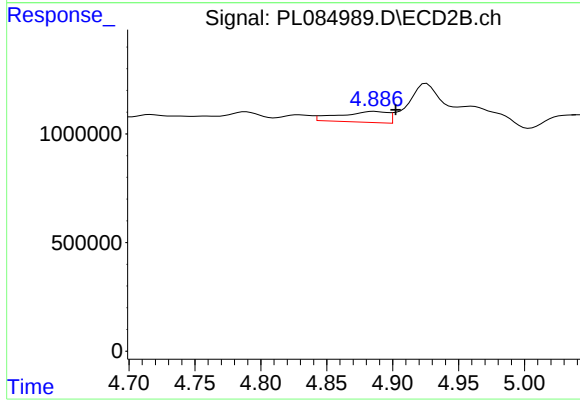
#23 Chlordane-1

R.T.: 3.684 min
Delta R.T.: -0.005 min
Response: 634432
Conc: 16.55 ng/ml



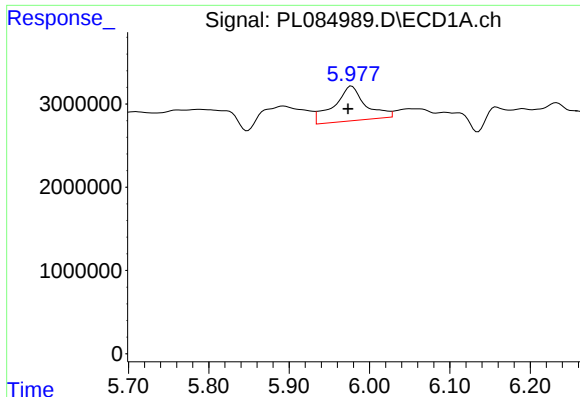
#25 Chlordane-3

R.T.: 5.893 min
Delta R.T.: 0.003 min
Response: 9422141
Conc: 23.36 ng/ml



#25 Chlordane-3

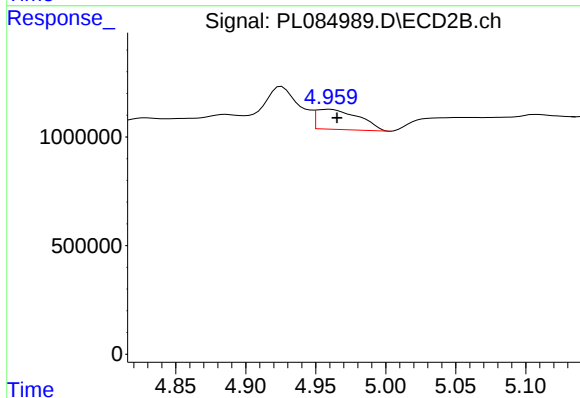
R.T.: 4.886 min
Delta R.T.: -0.016 min
Response: 1291154
Conc: 9.32 ng/ml



#26 Chlordane-4

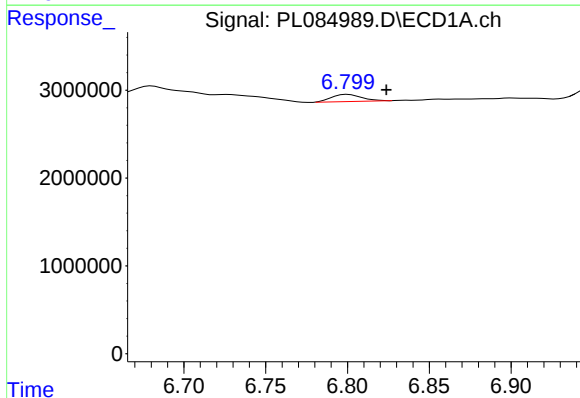
R.T.: 5.978 min
Delta R.T.: 0.004 min
Response: 11361332
Conc: 23.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



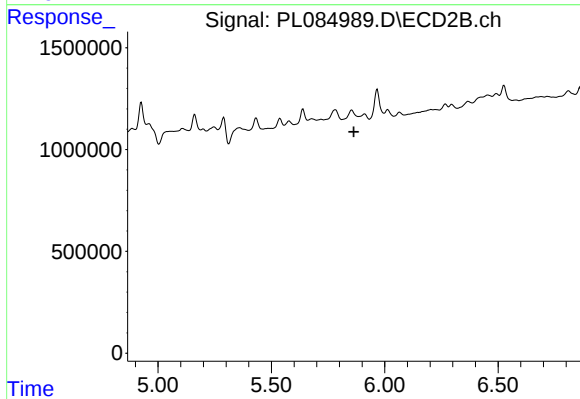
#26 Chlordane-4

R.T.: 4.960 min
Delta R.T.: -0.005 min
Response: 1957264
Conc: 13.64 ng/ml



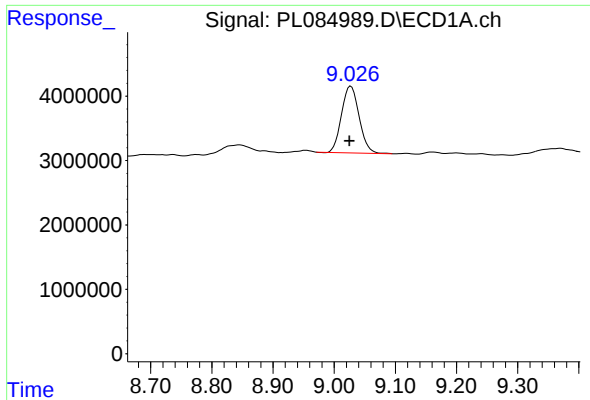
#27 Chlordane-5

R.T.: 6.800 min
Delta R.T.: -0.024 min
Response: 1044731
Conc: 14.03 ng/ml



#27 Chlordane-5

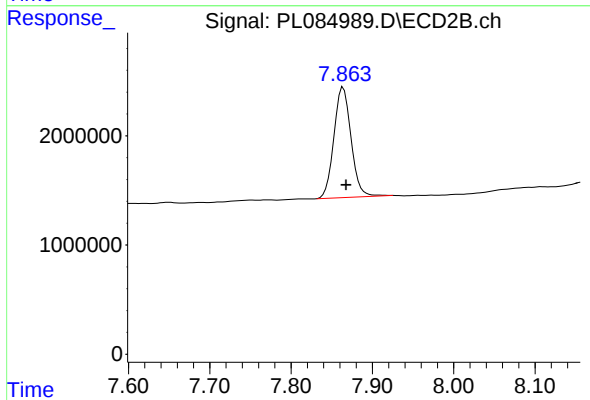
R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: -404863
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 20660716
Conc: 12.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.003 min
Response: 14871799
Conc: 11.93 ng/ml