Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031723\
Data File : PL081552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2023 16:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 22:29:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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...	3.330	2.659	46795663	43167069	21.659	21.329	
28)	SA Decachlor...	8.754	7.782	33902994	43759471	22.238	22.844	
	Target Compounds							
2)	A alpha-BHC	3.779	3.159	31672750	28774661	9.956	9.819	
3)	MA gamma-BHC...	4.108	3.487	30690159	27226731	10.373	9.897	
5)	MB Aldrin	0.000	4.120	0	4284493	N.D.	1.634	#
6)	B beta-BHC	4.310	3.786	16613812	12837652	12.070	11.061	
7)	B delta-BHC	0.000	4.014	0	1065133	N.D.	0.418	#
8)	B Heptachlo...	5.450	4.602	6181871	613425	2.619	0.254	#
9)	A Endosulfan I	5.824f	0.000	4774143	0	2.260	N.D.	#
10)	B gamma-Chl...	5.715	4.859	4444832	1804537	1.948	0.737	#
11)	B alpha-Chl...	0.000	4.932	0	1651976	N.D.	0.675	#
12)	B 4,4'-DDE	0.000	5.107	0	4760525	N.D.	2.425	#
13)	MA Dieldrin	6.104	5.220f	283554	178633	0.135	0.079	#
14)	MA Endrin	6.334	5.508	93961079	102.3E6	51.699	50.902	
15)	B Endosulfa...	6.545f	5.825	1924988	-205252	1.104	N.D.	#
16)	A 4,4'-DDD	6.481	5.661	638460	527541	0.415	0.344	
17)	MA 4,4'-DDT	6.789	5.908	182.5E6	201.2E6	114.955	125.428	
18)	B Endrin al...	6.686	5.986	779077	3876824	0.544	2.559	#
19)	B Endosulfa...	0.000	6.203f	0	137696	N.D.	0.072	#
20)	A Methoxychlor	7.270	6.489	237.1E6	242.5E6	275.212	261.291	
21)	B Endrin ke...	7.399	6.713	3627072	4686873	1.999	2.177	
22)	Mirex	0.000	6.893	0	25790	N.D.	0.013	#
23)	Chlordane-1	0.000	3.644	0	22966	N.D.	0.279	#
24)	Chlordane-2	0.000	4.214f	0	13802417	N.D.	134.830	#
25)	Chlordane-3	5.715	4.859	4444832	1804537	12.152	6.677	#
26)	Chlordane-4	5.824f	4.932	4774143	1651976	10.862	5.882	#
27)	Chlordane-5	0.000	5.618f	0	605774	N.D.	8.769	#

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

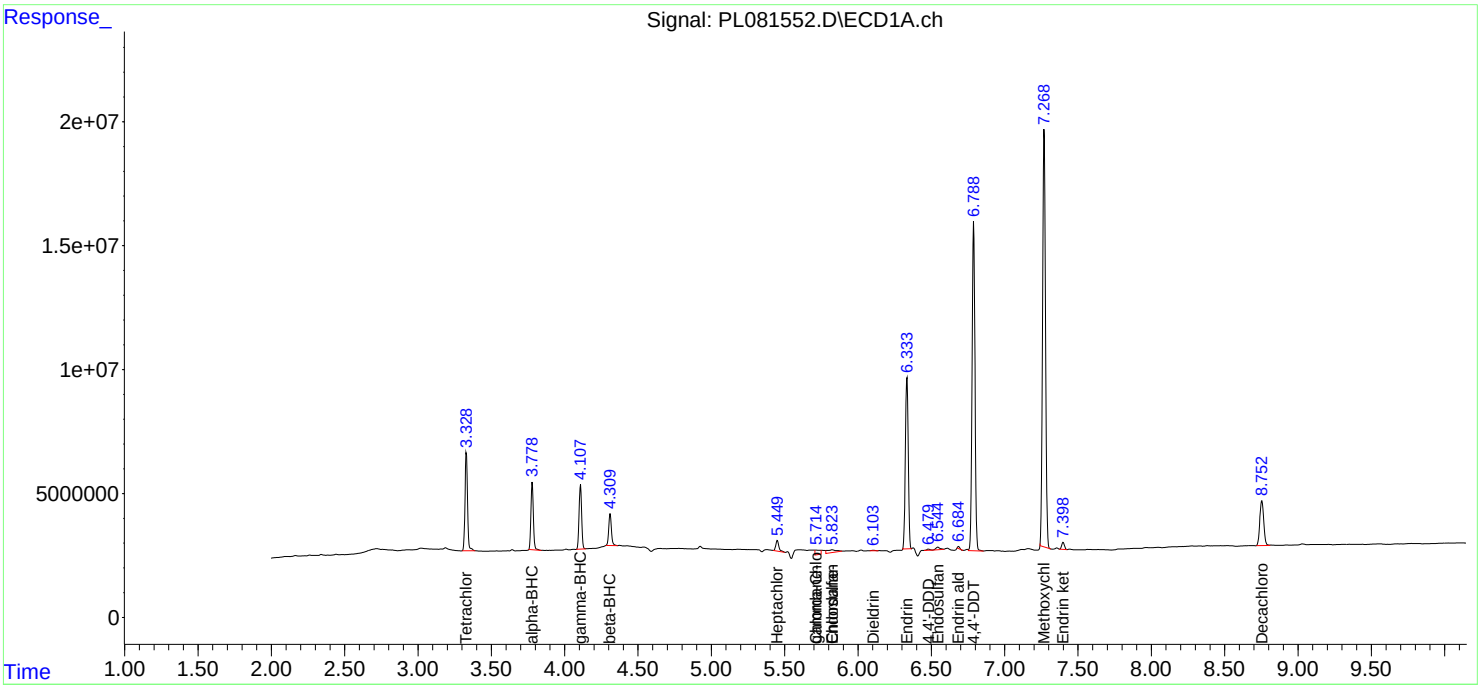
Quantitation Report (Not Reviewed)

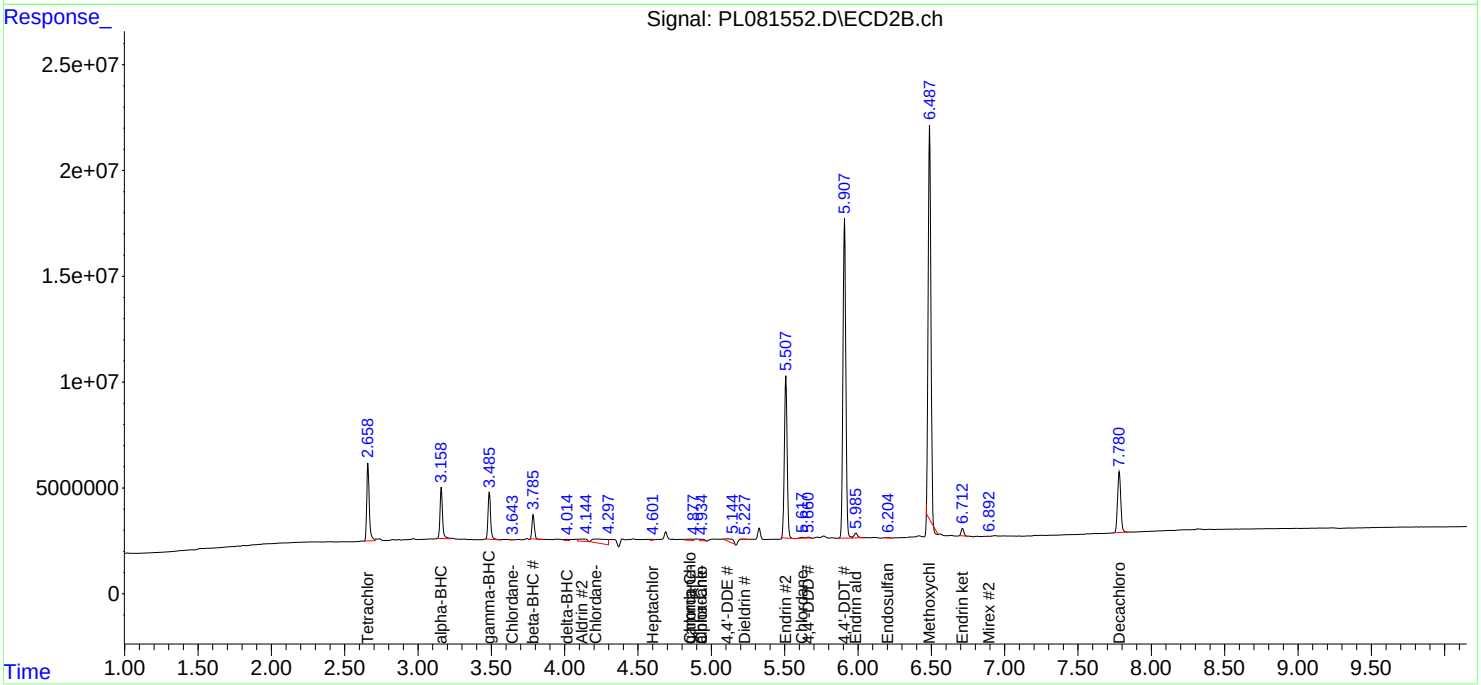
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031723\
Data File : PL081552.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2023 16:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

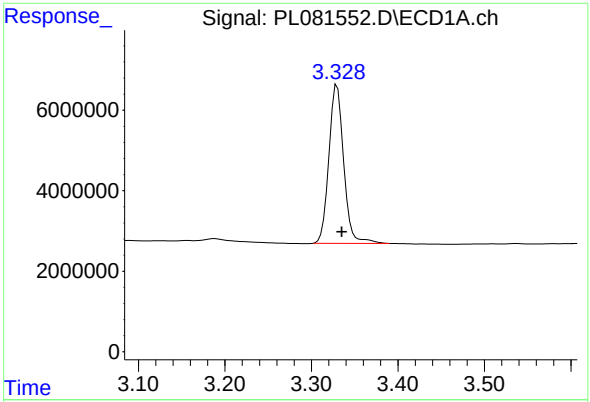
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 17 22:29:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 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



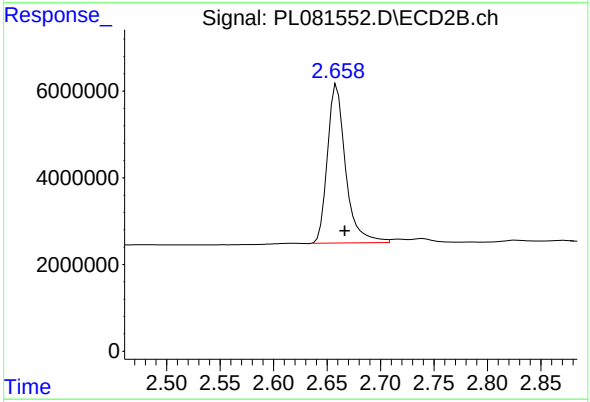




#1 Tetrachloro-m-xylene

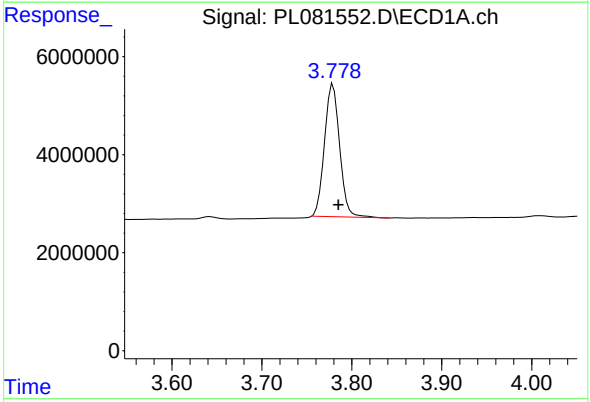
R.T.: 3.330 min
Delta R.T.: -0.005 min
Response: 46795663
Conc: 21.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



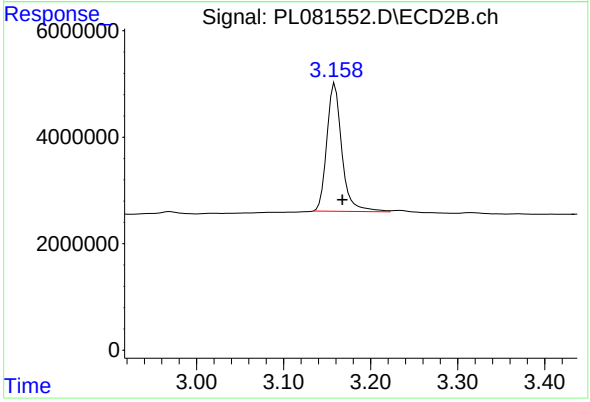
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: -0.007 min
Response: 43167069
Conc: 21.33 ng/ml



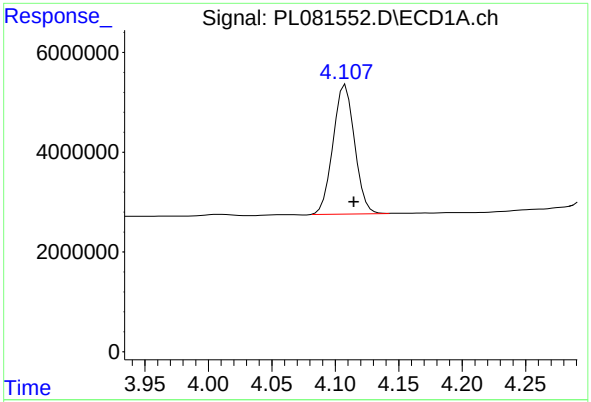
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 31672750
Conc: 9.96 ng/ml



#2 alpha-BHC

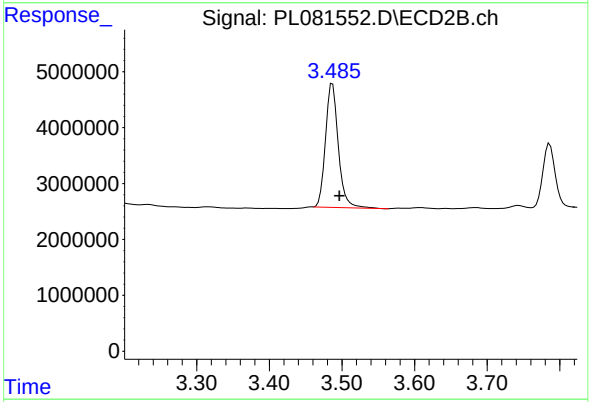
R.T.: 3.159 min
Delta R.T.: -0.009 min
Response: 28774661
Conc: 9.82 ng/ml



#3 gamma-BHC (Lindane)

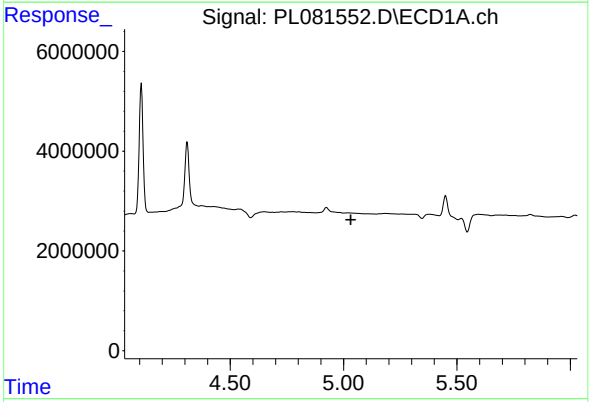
R.T.: 4.108 min
Delta R.T.: -0.006 min
Response: 30690159
Conc: 10.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



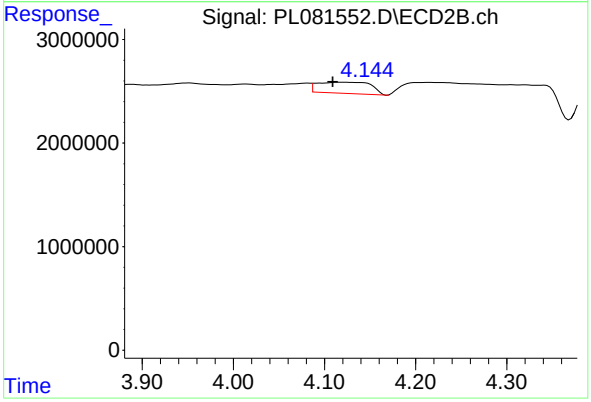
#3 gamma-BHC (Lindane)

R.T.: 3.487 min
Delta R.T.: -0.009 min
Response: 27226731
Conc: 9.90 ng/ml



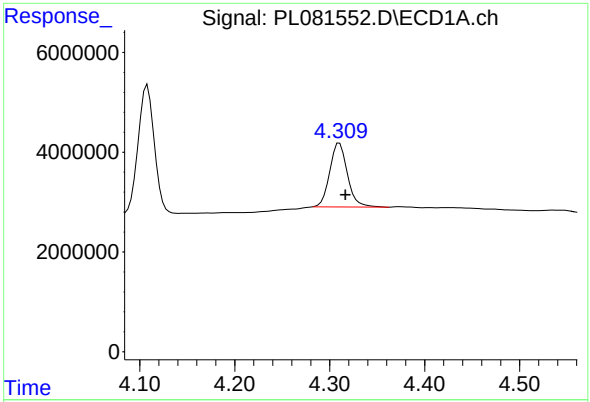
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.032 min
Response: 0
Conc: N.D.



#5 Aldrin

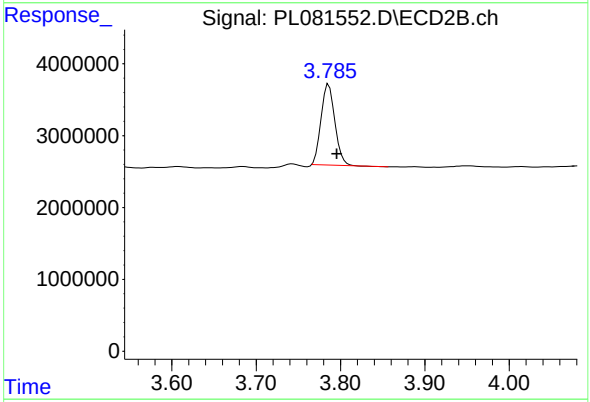
R.T.: 4.120 min
Delta R.T.: 0.011 min
Response: 4284493
Conc: 1.63 ng/ml



#6 beta-BHC

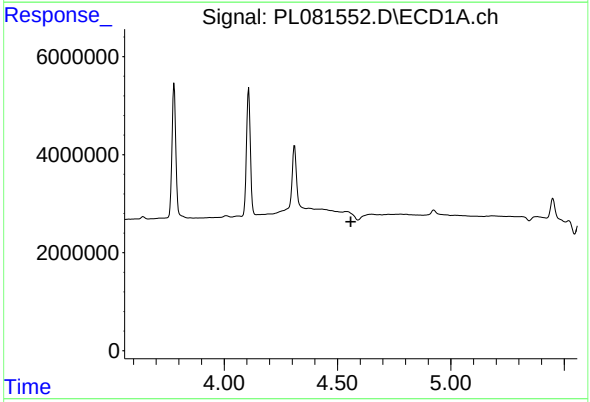
R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 16613812
Conc: 12.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



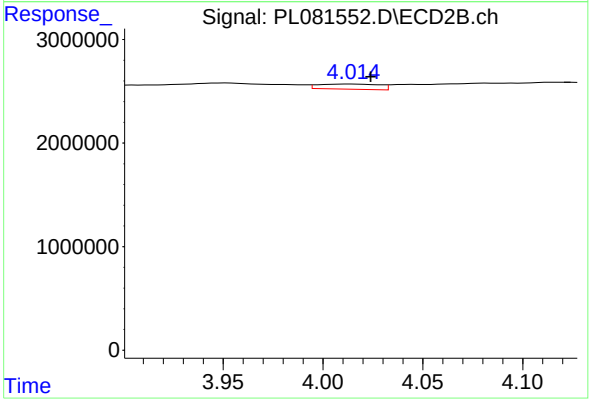
#6 beta-BHC

R.T.: 3.786 min
Delta R.T.: -0.009 min
Response: 12837652
Conc: 11.06 ng/ml



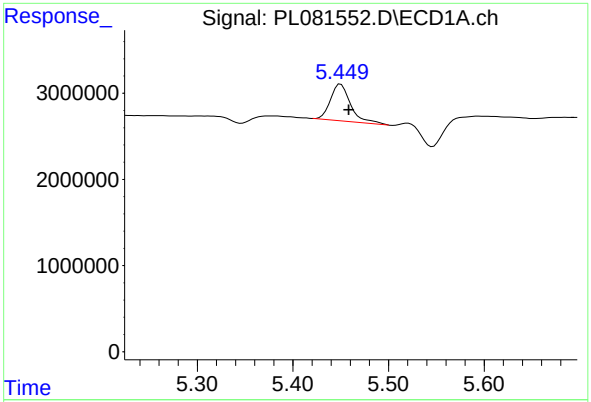
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.558 min
Response: 0
Conc: N.D.



#7 delta-BHC

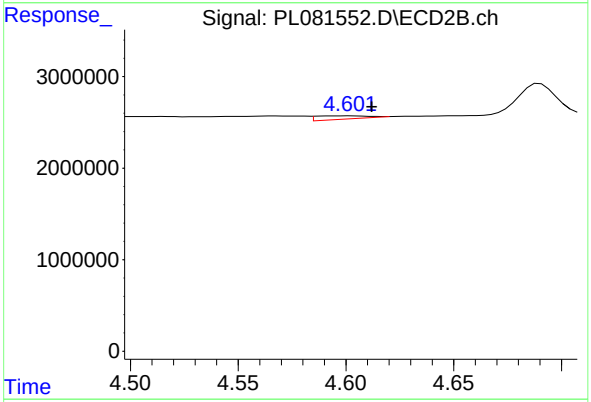
R.T.: 4.014 min
Delta R.T.: -0.010 min
Response: 1065133
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

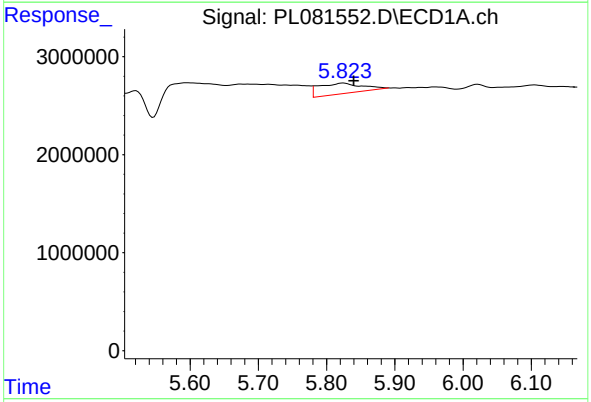
R.T.: 5.450 min
Delta R.T.: -0.008 min
Response: 6181871
Conc: 2.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



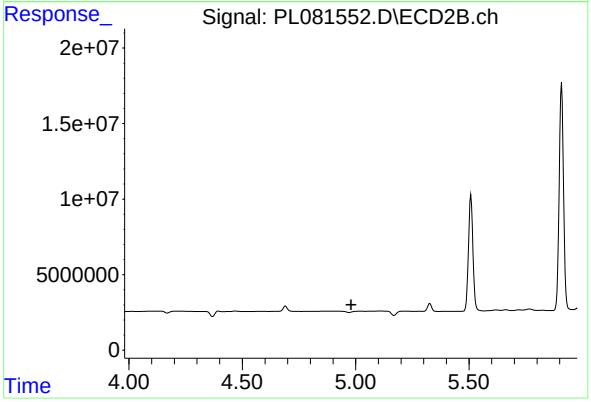
#8 Heptachlor epoxide

R.T.: 4.602 min
Delta R.T.: -0.010 min
Response: 613425
Conc: 0.25 ng/ml



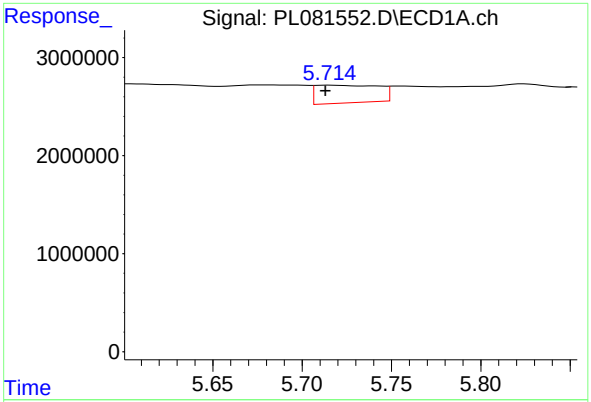
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: -0.016 min
Response: 4774143
Conc: 2.26 ng/ml



#9 Endosulfan I

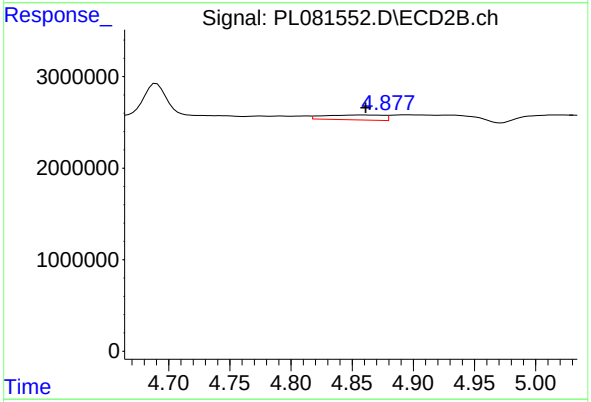
R.T.: 0.000 min
Exp R.T. : 4.980 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

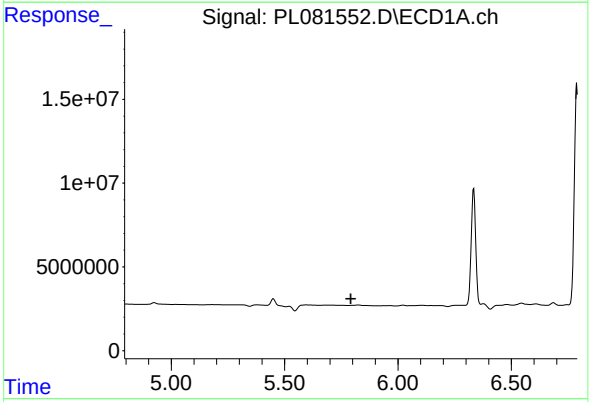
R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 4444832
Conc: 1.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



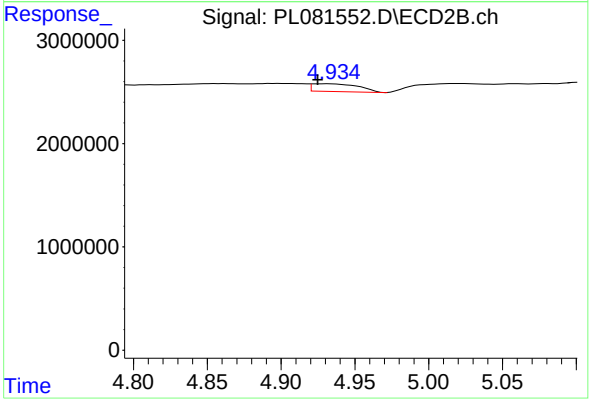
#10 gamma-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 1804537
Conc: 0.74 ng/ml



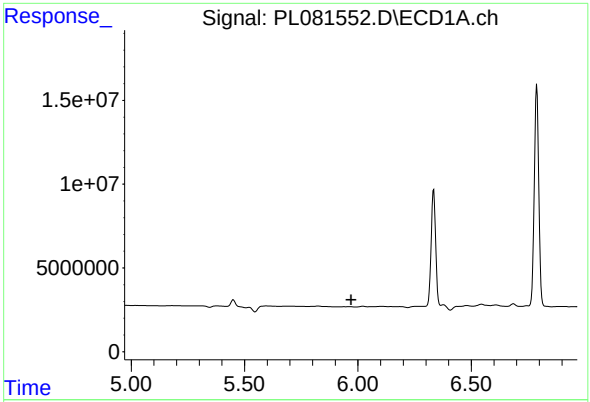
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.791 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

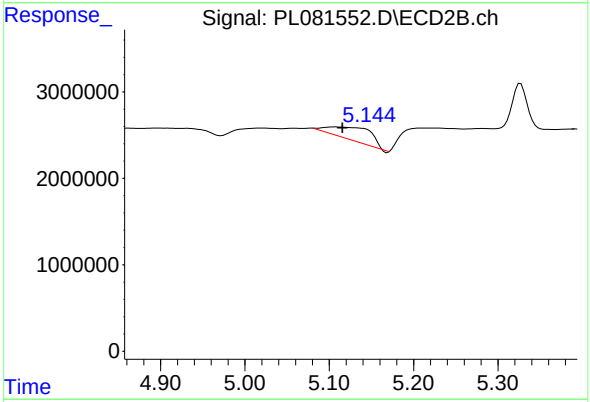
R.T.: 4.932 min
Delta R.T.: 0.007 min
Response: 1651976
Conc: 0.67 ng/ml



#12 4,4'-DDE

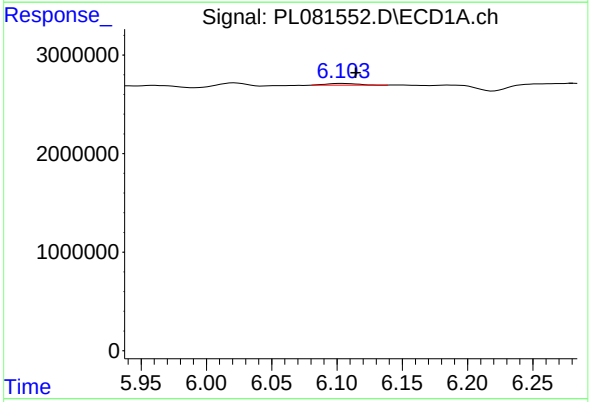
R.T.: 0.000 min
Exp R.T. : 5.970 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



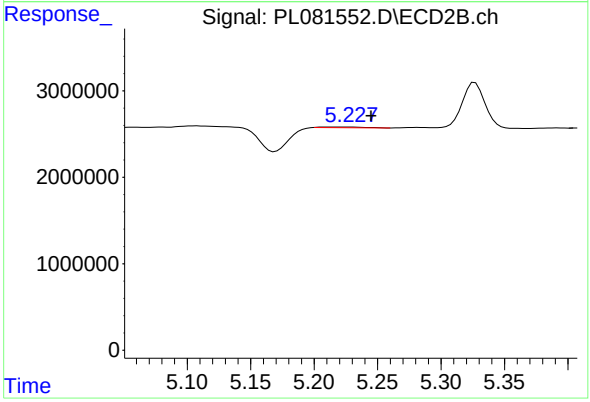
#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 4760525
Conc: 2.43 ng/ml



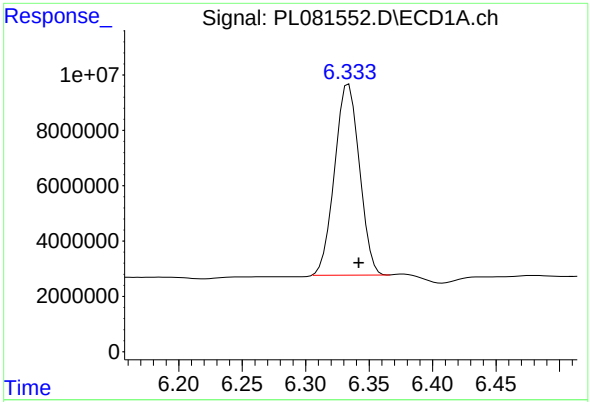
#13 Dieldrin

R.T.: 6.104 min
Delta R.T.: -0.010 min
Response: 283554
Conc: 0.14 ng/ml



#13 Dieldrin

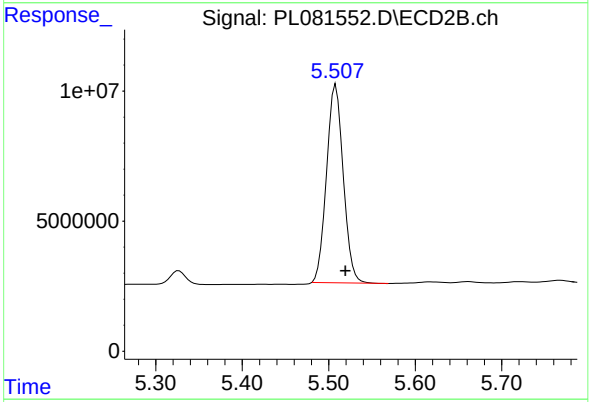
R.T.: 5.220 min
Delta R.T.: -0.024 min
Response: 178633
Conc: 0.08 ng/ml



#14 Endrin

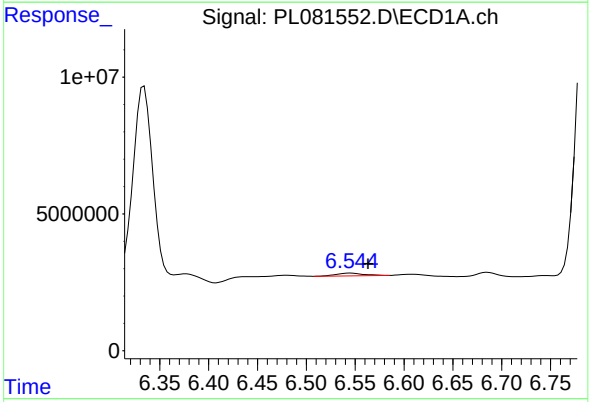
R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 93961079
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



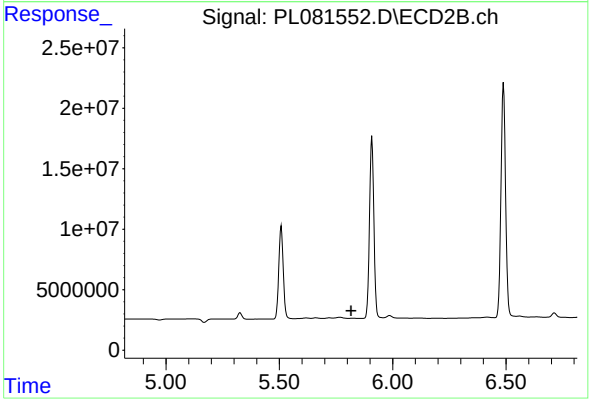
#14 Endrin

R.T.: 5.508 min
Delta R.T.: -0.011 min
Response: 102294613
Conc: 50.90 ng/ml



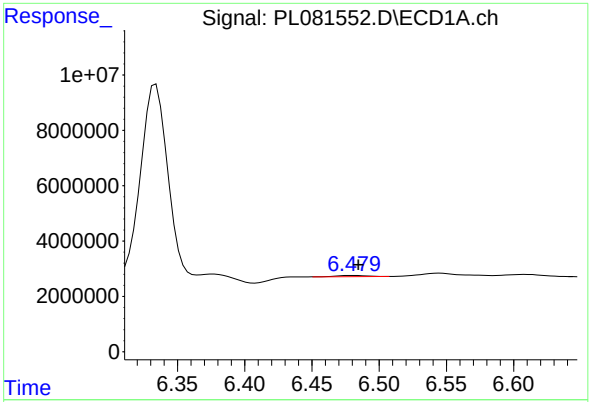
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: -0.018 min
Response: 1924988
Conc: 1.10 ng/ml



#15 Endosulfan II

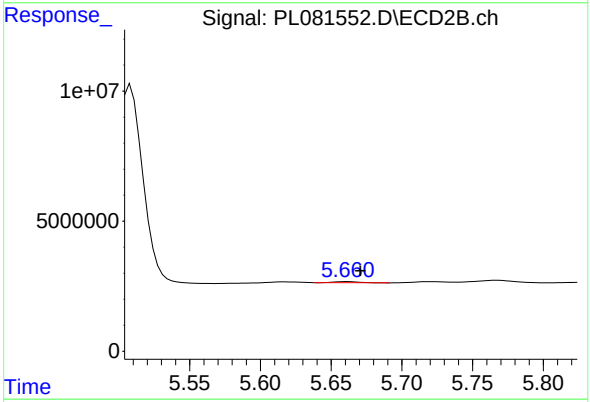
R.T.: 5.825 min
Delta R.T.: 0.009 min
Response: -205252
Conc: N.D.



#16 4,4'-DDD

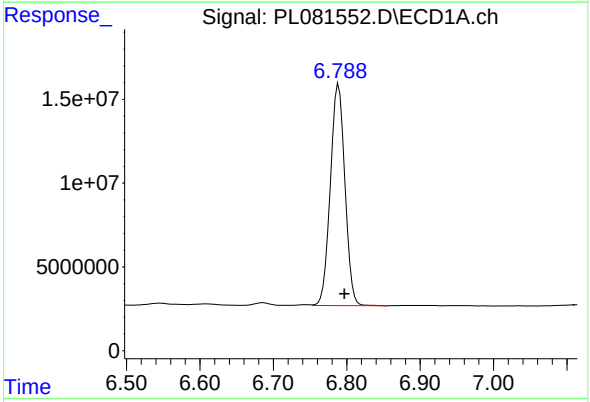
R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 638460
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



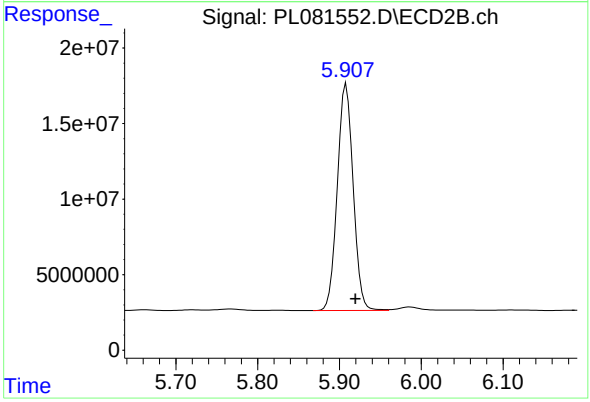
#16 4,4'-DDD

R.T.: 5.661 min
Delta R.T.: -0.009 min
Response: 527541
Conc: 0.34 ng/ml



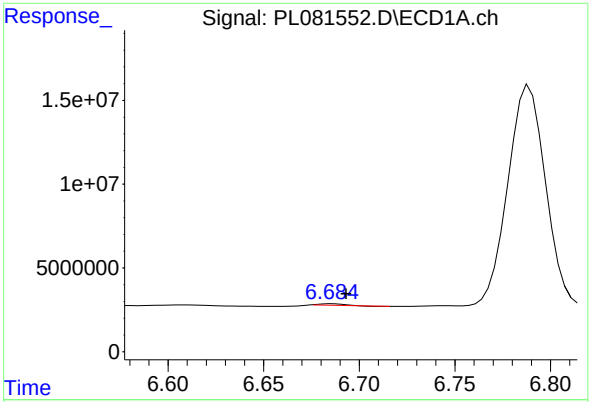
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 182469257
Conc: 114.96 ng/ml



#17 4,4'-DDT

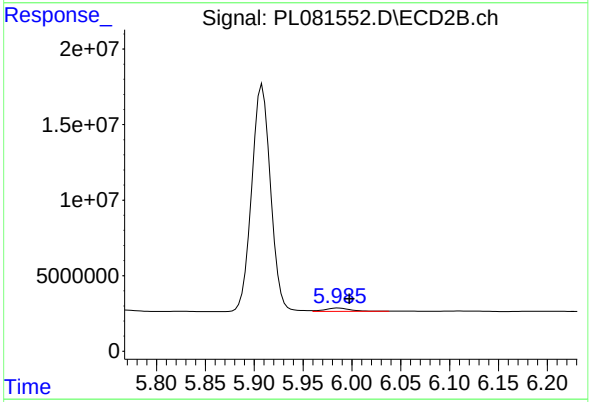
R.T.: 5.908 min
Delta R.T.: -0.011 min
Response: 201225067
Conc: 125.43 ng/ml



#18 Endrin aldehyde

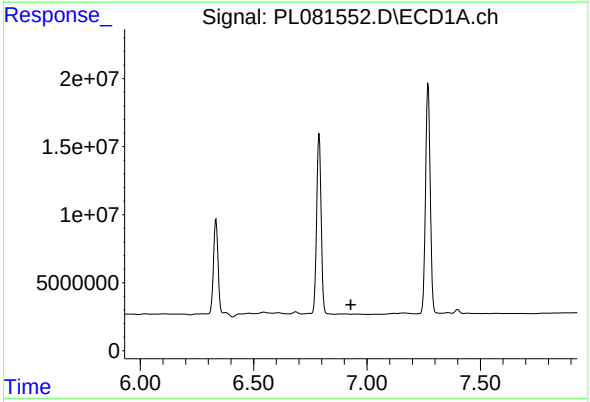
R.T.: 6.686 min
Delta R.T.: -0.008 min
Response: 779077
Conc: 0.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



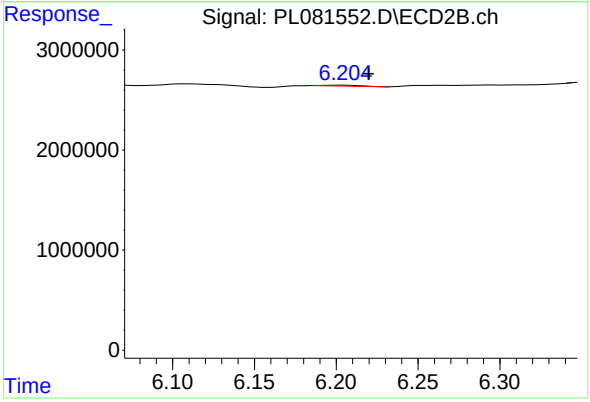
#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.011 min
Response: 3876824
Conc: 2.56 ng/ml



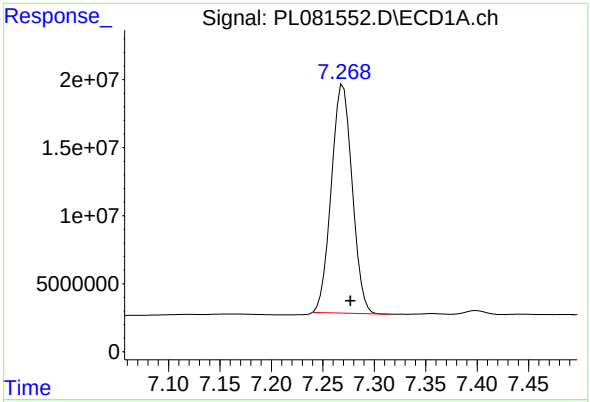
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.928 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

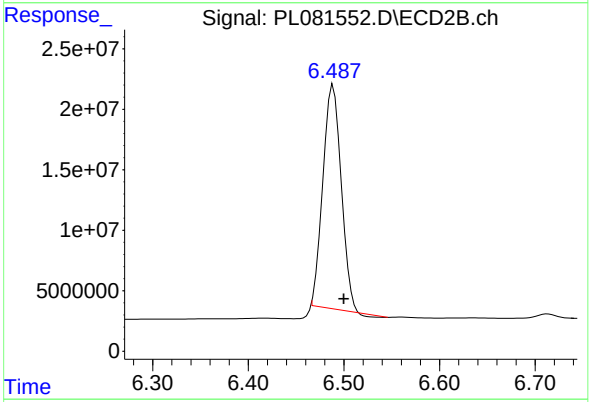
R.T.: 6.203 min
Delta R.T.: -0.017 min
Response: 137696
Conc: 0.07 ng/ml



#20 Methoxychlor

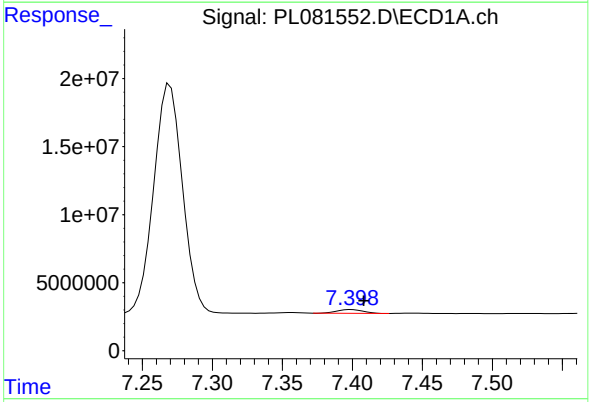
R.T.: 7.270 min
Delta R.T.: -0.007 min
Response: 237057624
Conc: 275.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



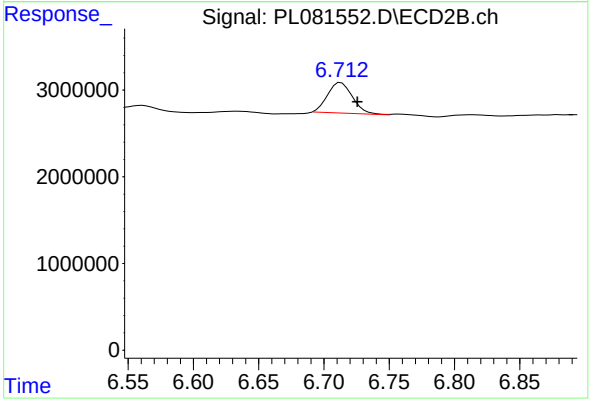
#20 Methoxychlor

R.T.: 6.489 min
Delta R.T.: -0.011 min
Response: 242502741
Conc: 261.29 ng/ml



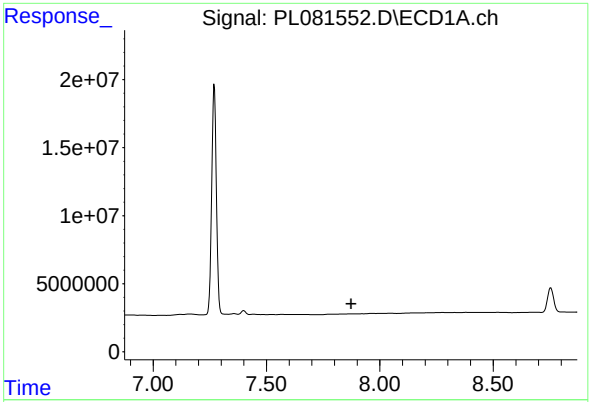
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: -0.009 min
Response: 3627072
Conc: 2.00 ng/ml



#21 Endrin ketone

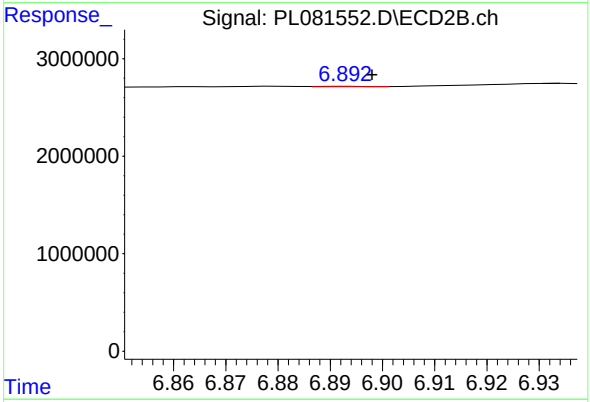
R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 4686873
Conc: 2.18 ng/ml



#22 Mirex

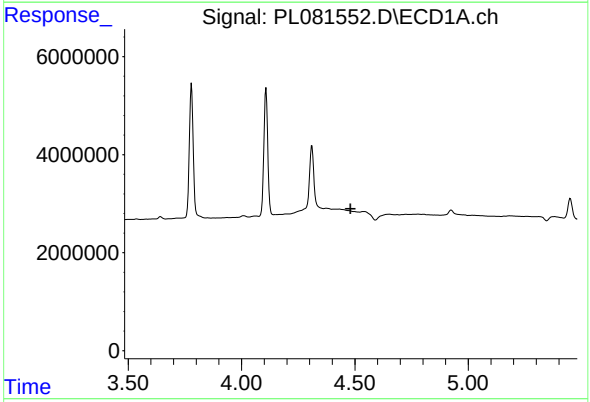
R.T.: 0.000 min
Exp R.T. : 7.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



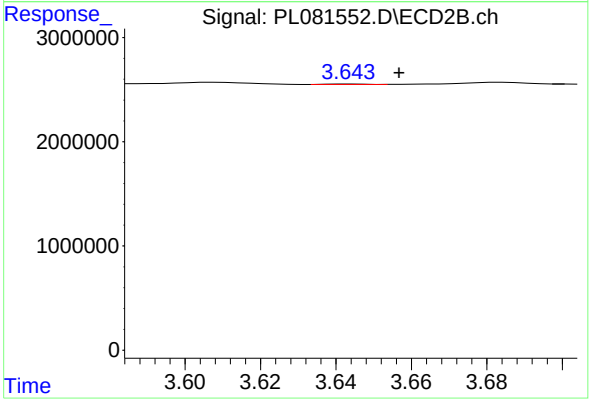
#22 Mirex

R.T.: 6.893 min
Delta R.T.: -0.005 min
Response: 25790
Conc: 0.01 ng/ml



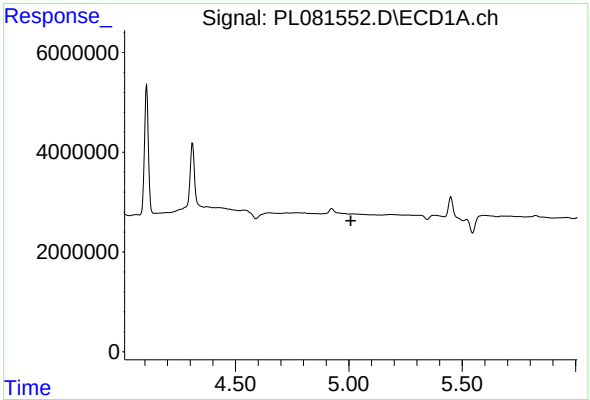
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.481 min
Response: 0
Conc: N.D.



#23 Chlordane-1

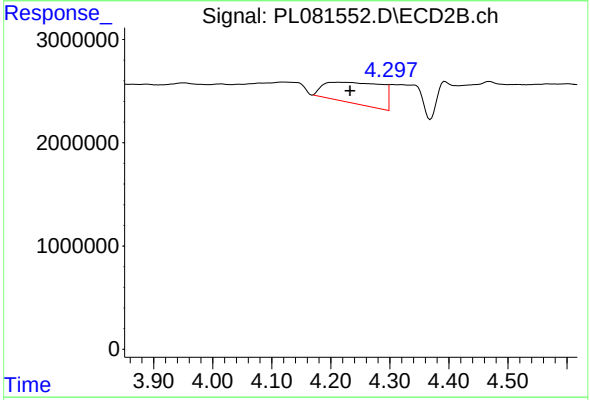
R.T.: 3.644 min
Delta R.T.: -0.013 min
Response: 22966
Conc: 0.28 ng/ml



#24 Chlordane-2

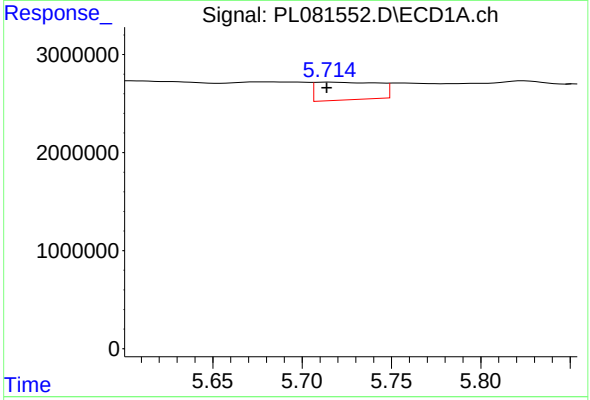
R.T.: 0.000 min
Exp R.T. : 5.008 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



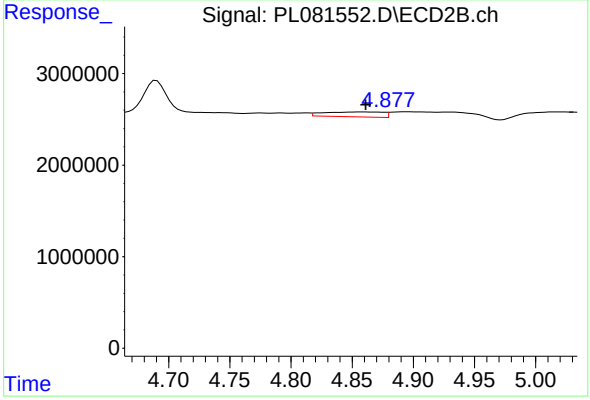
#24 Chlordane-2

R.T.: 4.214 min
Delta R.T.: -0.019 min
Response: 13802417
Conc: 134.83 ng/ml



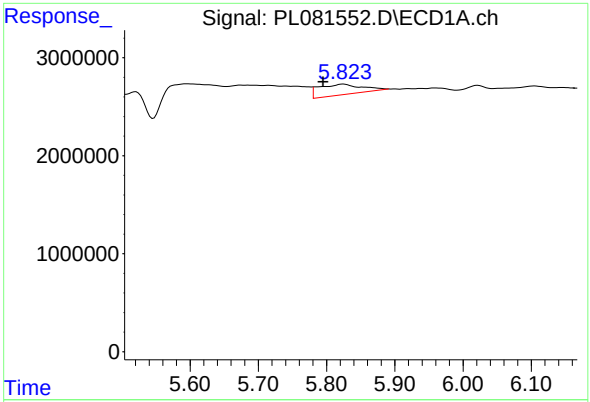
#25 Chlordane-3

R.T.: 5.715 min
Delta R.T.: 0.001 min
Response: 4444832
Conc: 12.15 ng/ml



#25 Chlordane-3

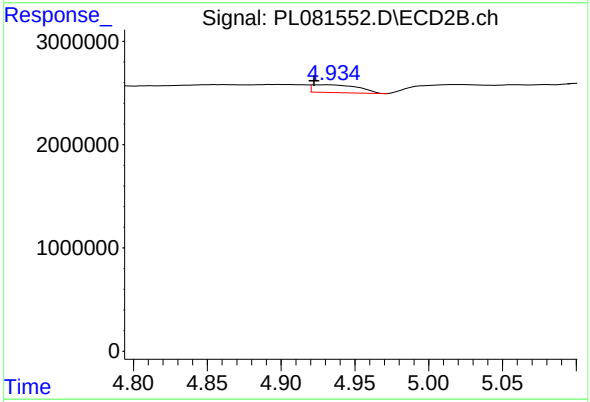
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 1804537
Conc: 6.68 ng/ml



#26 Chlordane-4

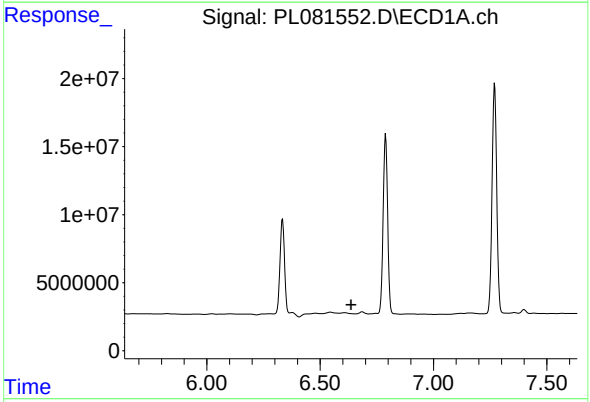
R.T.: 5.824 min
Delta R.T.: 0.029 min
Response: 4774143
Conc: 10.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



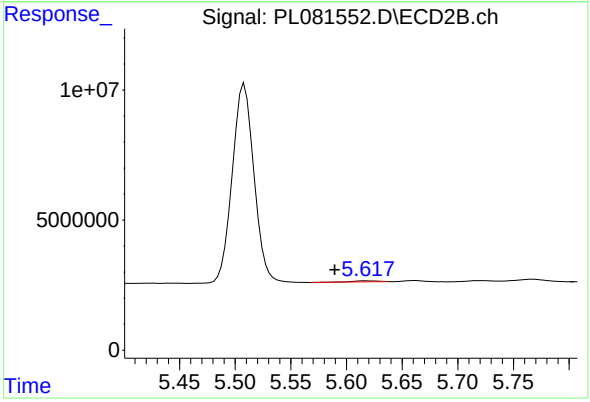
#26 Chlordane-4

R.T.: 4.932 min
Delta R.T.: 0.010 min
Response: 1651976
Conc: 5.88 ng/ml



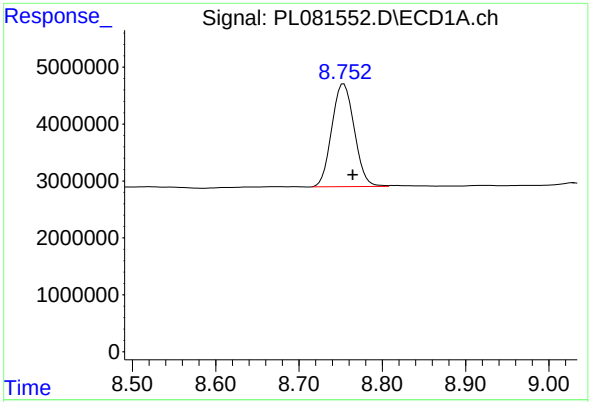
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.636 min
Response: 0
Conc: N.D.



#27 Chlordane-5

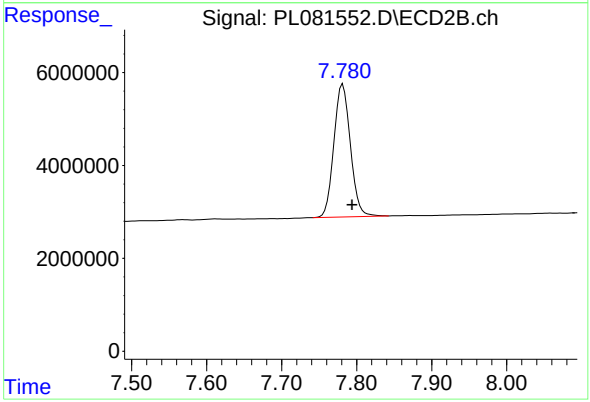
R.T.: 5.618 min
Delta R.T.: 0.029 min
Response: 605774
Conc: 8.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.754 min
Delta R.T.: -0.011 min
Response: 33902994
Conc: 22.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 43759471
Conc: 22.84 ng/ml