Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082324\
Data File : PL091270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2024 15:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 01:27:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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...	3.544	2.785	39760575	36963403	18.518	18.936	
28)	SA Decachlor...	9.055	7.924	31502594	39007039	20.664	20.594	
	Target Compounds							
2)	A alpha-BHC	3.999	3.287	28654971	25659780	9.559	9.252	
3)	MA gamma-BHC...	4.331	3.618	27269048	23186934	9.506	8.803	
4)	MA Heptachlor	0.000	3.985f	0	35144	N.D.	0.014	#
5)	MB Aldrin	0.000	4.245	0	260919	N.D.	0.106	#
6)	B beta-BHC	4.528	3.916	12990964	11758352	9.606	9.990	
7)	B delta-BHC	0.000	4.144	0	56147	N.D.	0.022	#
8)	B Heptachlo...	0.000	4.742	0	31436	N.D.	0.014	#
9)	A Endosulfan I	0.000	5.099	0	222092	N.D.	0.105	#
10)	B gamma-Chl...	0.000	5.001	0	660519	N.D.	0.279	#
11)	B alpha-Chl...	0.000	5.055	0	372284	N.D.	0.158	#
12)	B 4,4'-DDE	0.000	5.243	0	460129	N.D.	0.220	#
13)	MA Dieldrin	0.000	5.373	0	338873	N.D.	0.149	#
14)	MA Endrin	6.577	5.649	80205251	88828045	41.359	43.604	
15)	B Endosulfa...	0.000	5.958	0	150473	N.D.	0.078	#
16)	A 4,4'-DDD	6.711	5.797	12429300	10791367	8.224	6.537	
17)	MA 4,4'-DDT	7.026	6.048	139.7E6	162.1E6	78.704	91.235	
18)	B Endrin al...	6.926	6.123	2273658	2732353	1.424	1.754	
19)	B Endosulfa...	0.000	6.322f	0	208381	N.D.	0.108	#
20)	A Methoxychlor	7.501	6.623	191.5E6	216.7E6	203.697	218.250	
21)	B Endrin ke...	7.644	6.850	6215612	5666001	2.960	2.602	
22)	Mirex	0.000	7.043	0	269212	N.D.	0.144	#
23)	Chlordane-1	0.000	3.818f	0	236993	N.D.	3.251	#
24)	Chlordane-2	0.000	4.369	0	209878	N.D.	2.234	#
25)	Chlordane-3	0.000	5.001	0	660519	N.D.	2.720	#
26)	Chlordane-4	0.000	5.055	0	372284	N.D.	1.597	#
27)	Chlordane-5	0.000	5.724	0	326938	N.D.	4.722	#

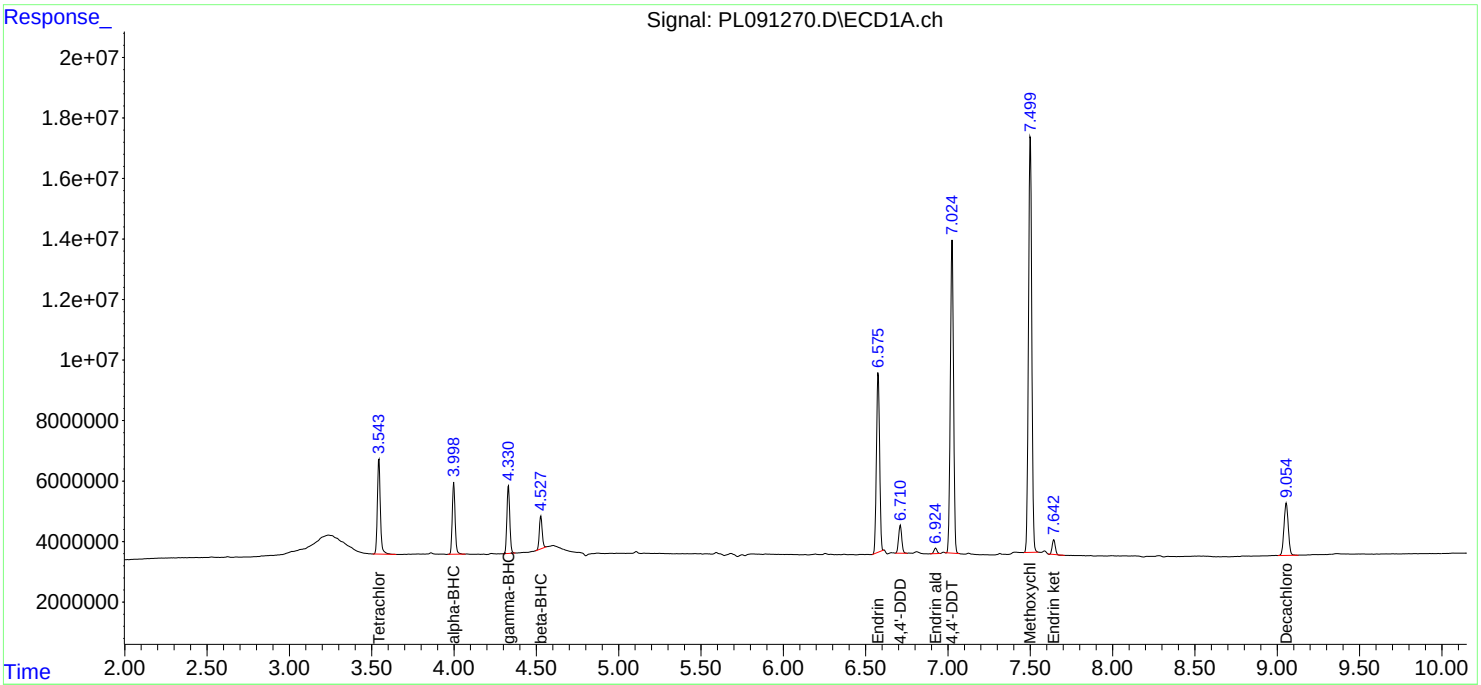
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

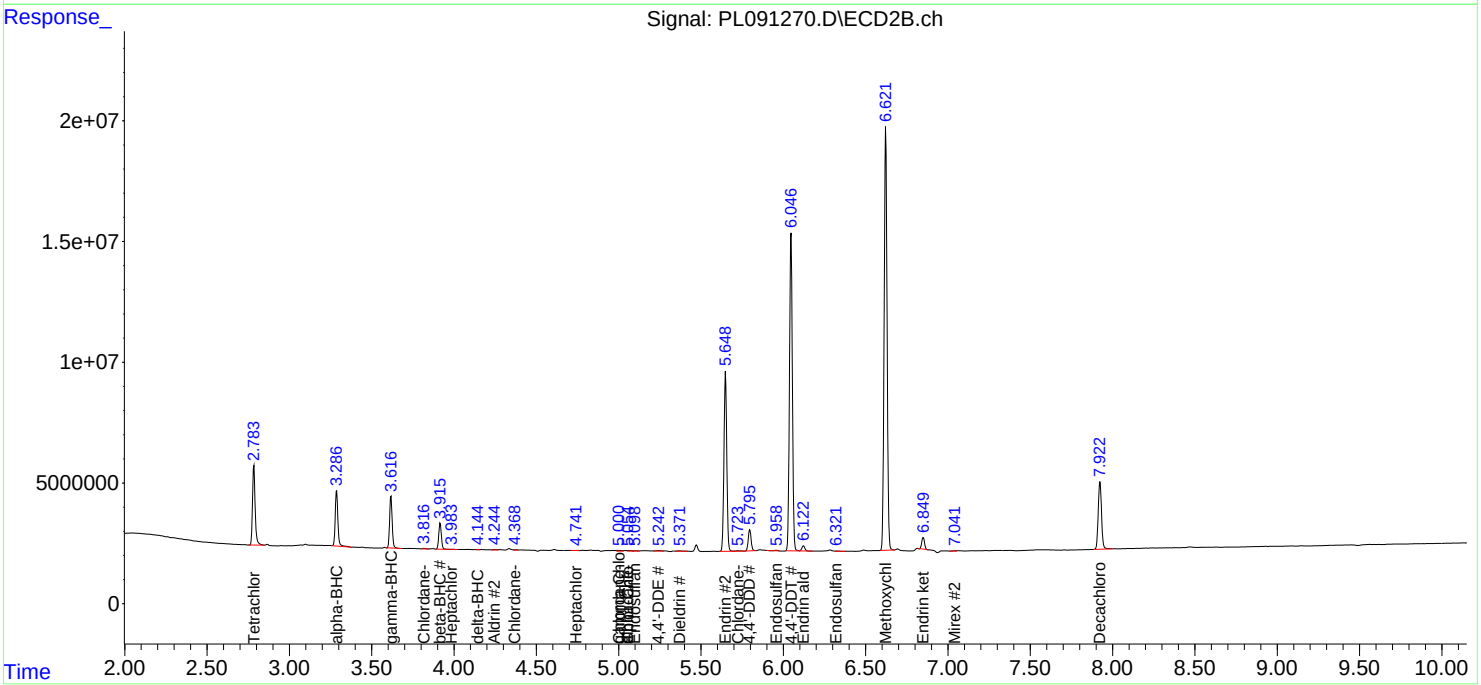
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082324\
Data File : PL091270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Aug 2024 15:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

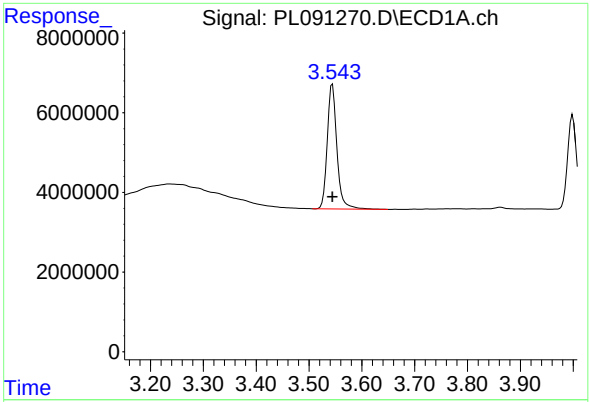
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 01:27:24 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 2024
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



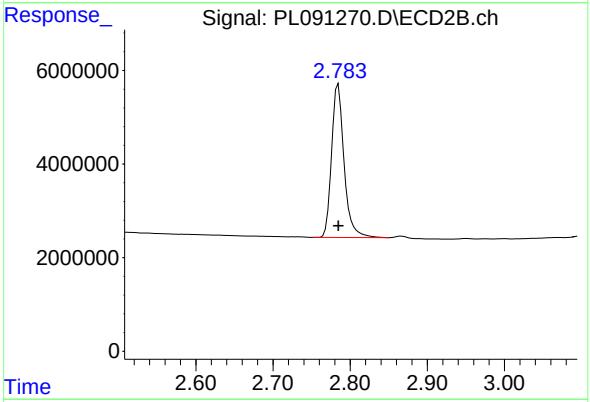




#1 Tetrachloro-m-xylene

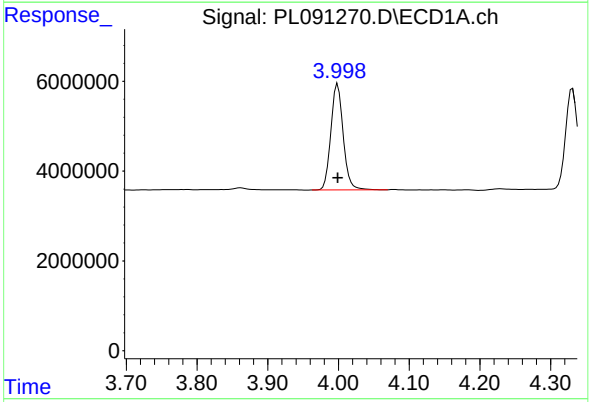
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 39760575
Conc: 18.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



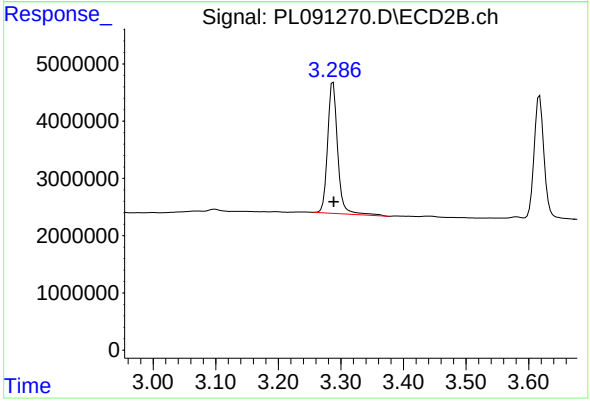
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 36963403
Conc: 18.94 ng/ml



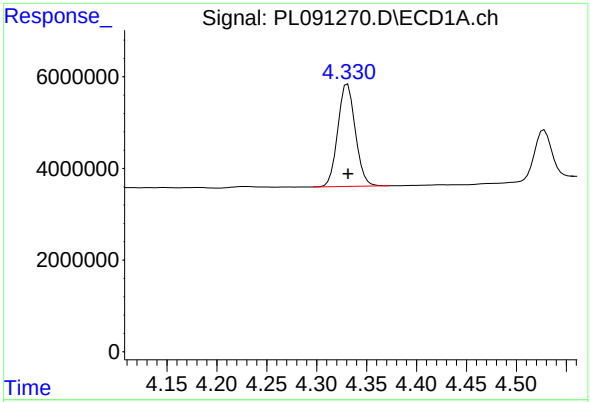
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 28654971
Conc: 9.56 ng/ml



#2 alpha-BHC

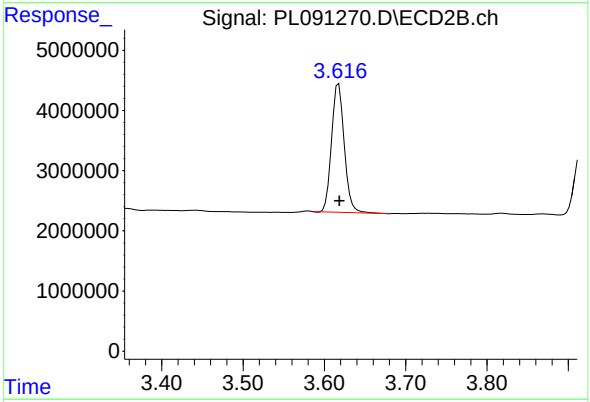
R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 25659780
Conc: 9.25 ng/ml



#3 gamma-BHC (Lindane)

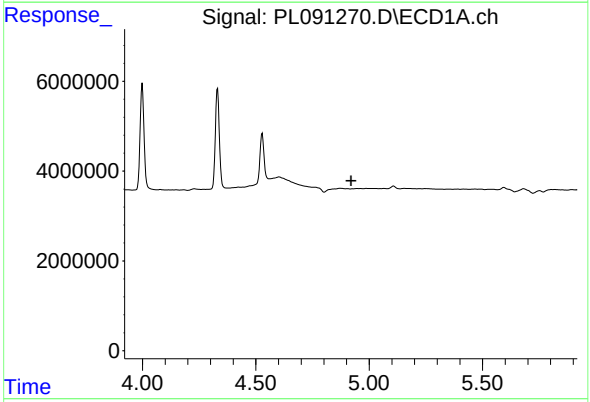
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 27269048
Conc: 9.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



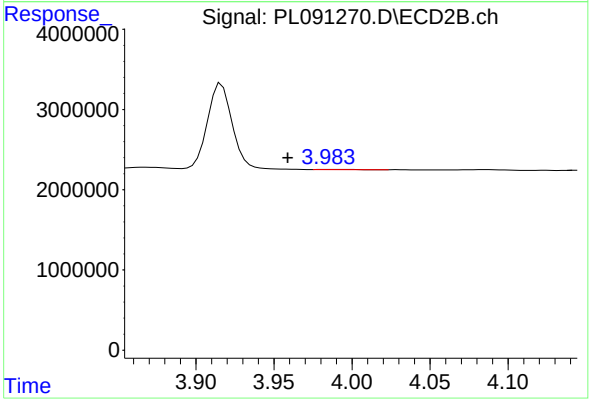
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.000 min
Response: 23186934
Conc: 8.80 ng/ml



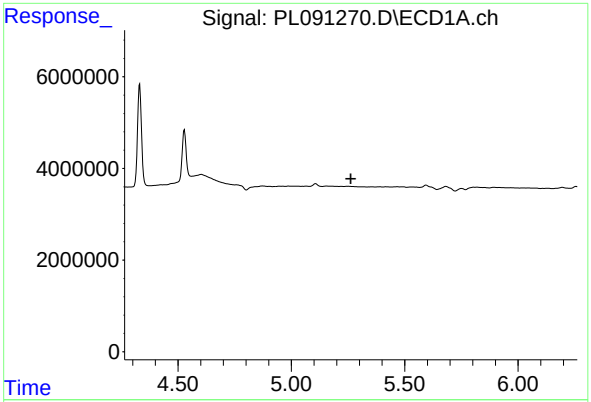
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.921 min
Response: 0
Conc: N.D.



#4 Heptachlor

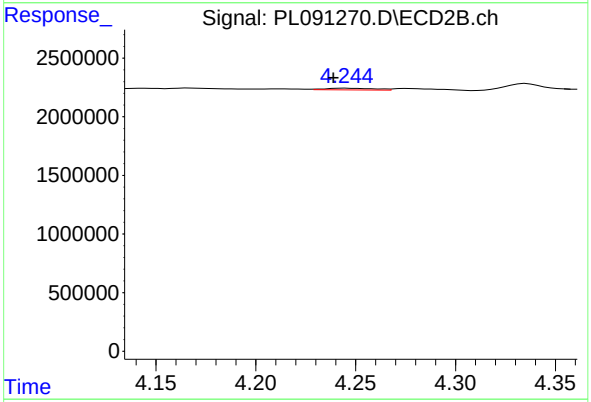
R.T.: 3.985 min
Delta R.T.: 0.026 min
Response: 35144
Conc: 0.01 ng/ml



#5 Aldrin

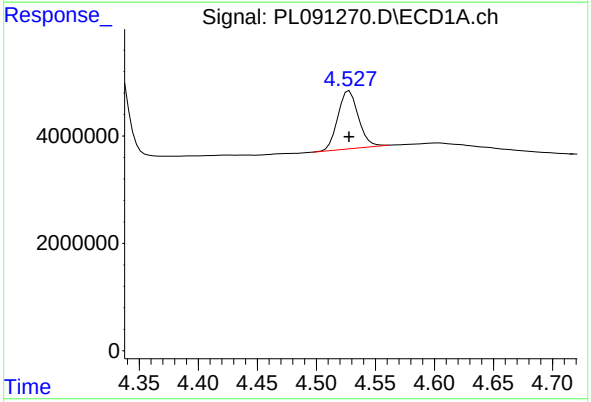
R.T.: 0.000 min
Exp R.T. : 5.262 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



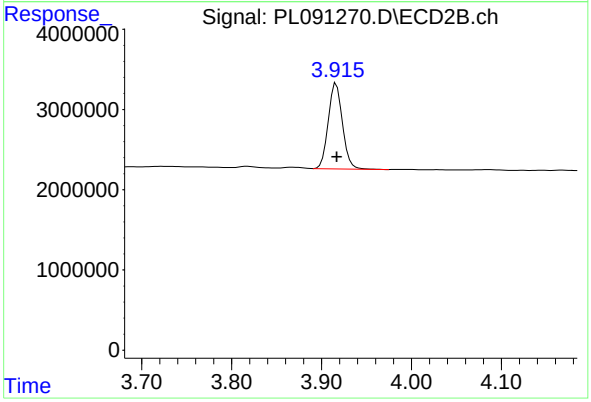
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: 0.007 min
Response: 260919
Conc: 0.11 ng/ml



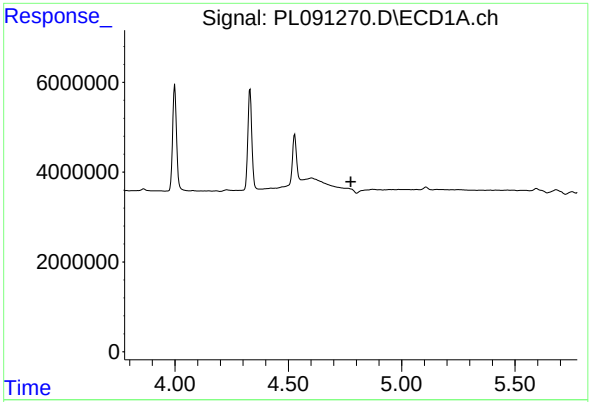
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 12990964
Conc: 9.61 ng/ml



#6 beta-BHC

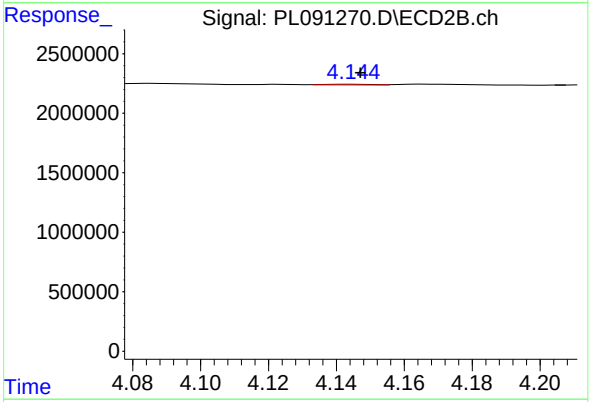
R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 11758352
Conc: 9.99 ng/ml



#7 delta-BHC

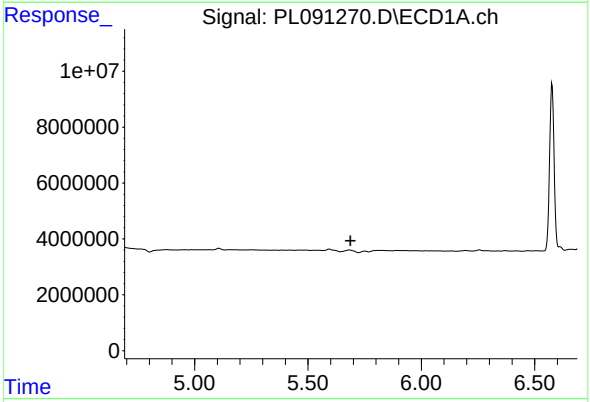
R.T.: 0.000 min
Exp R.T. : 4.775 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



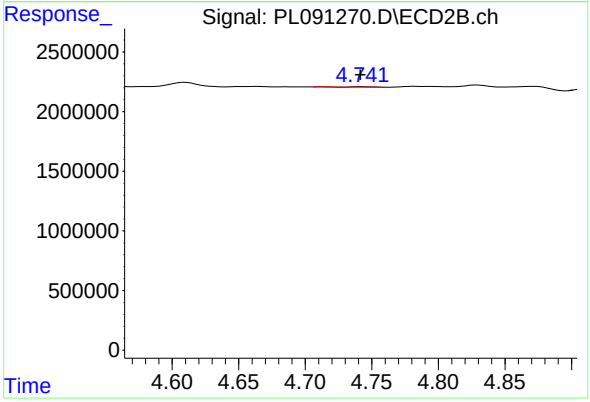
#7 delta-BHC

R.T.: 4.144 min
Delta R.T.: -0.003 min
Response: 56147
Conc: 0.02 ng/ml



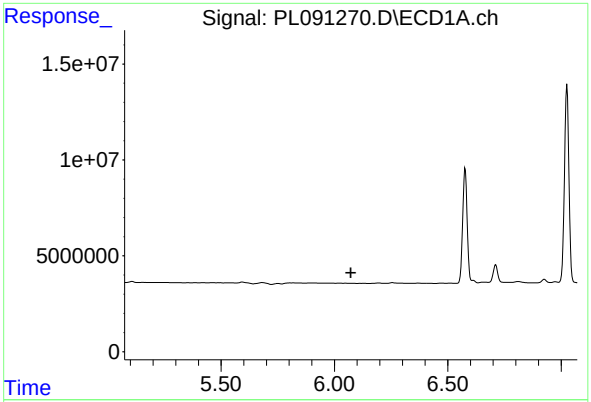
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.688 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

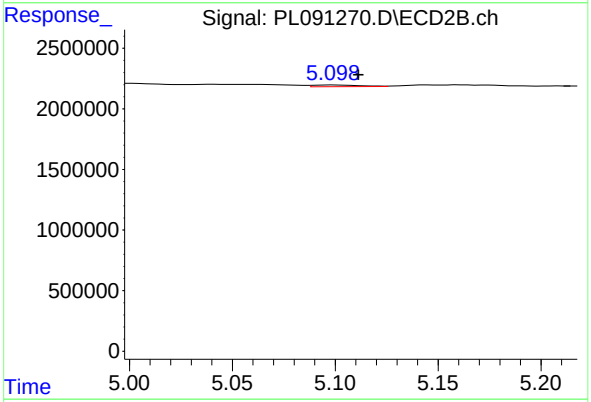
R.T.: 4.742 min
Delta R.T.: 0.000 min
Response: 31436
Conc: 0.01 ng/ml



#9 Endosulfan I

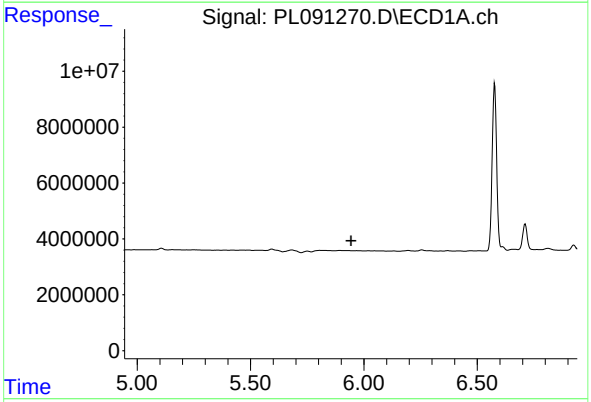
R.T.: 0.000 min
Exp R.T. : 6.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



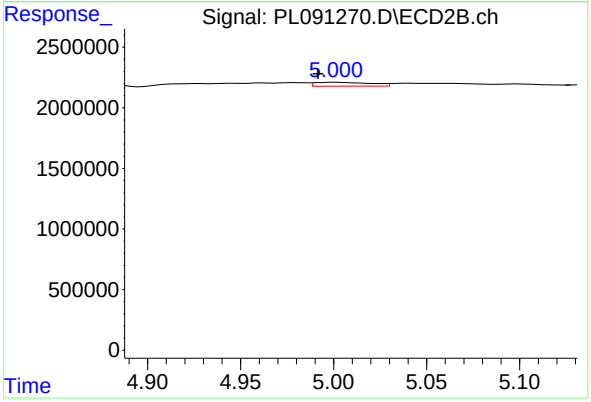
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.012 min
Response: 222092
Conc: 0.11 ng/ml



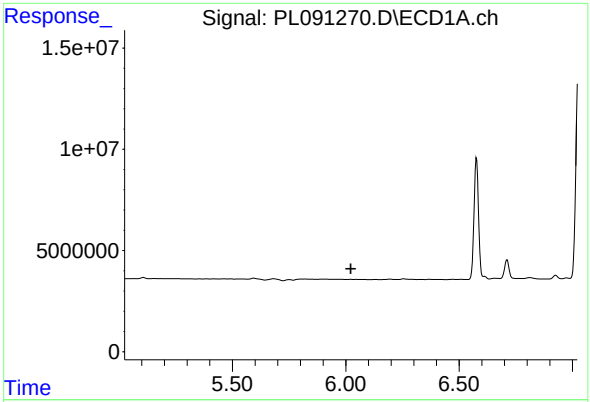
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.943 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

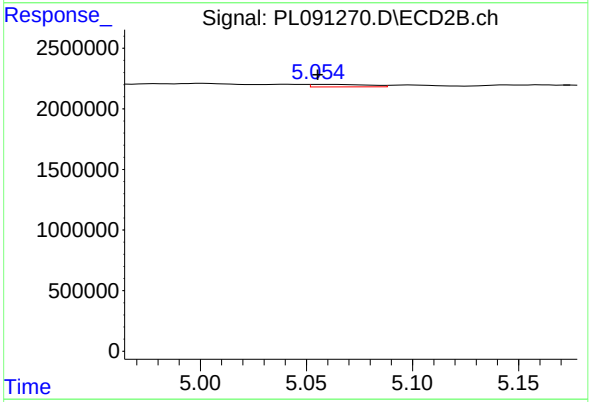
R.T.: 5.001 min
Delta R.T.: 0.010 min
Response: 660519
Conc: 0.28 ng/ml



#11 alpha-Chlordane

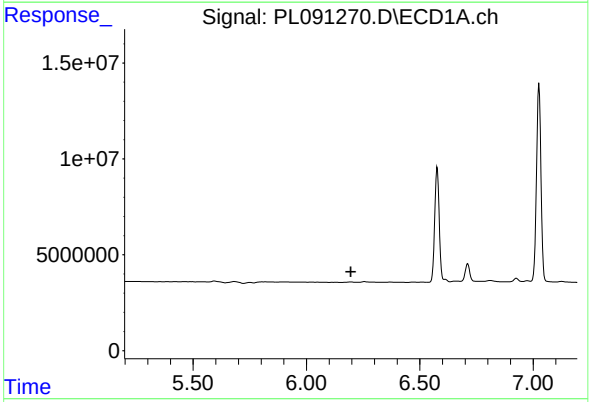
R.T.: 0.000 min
Exp R.T. : 6.022 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



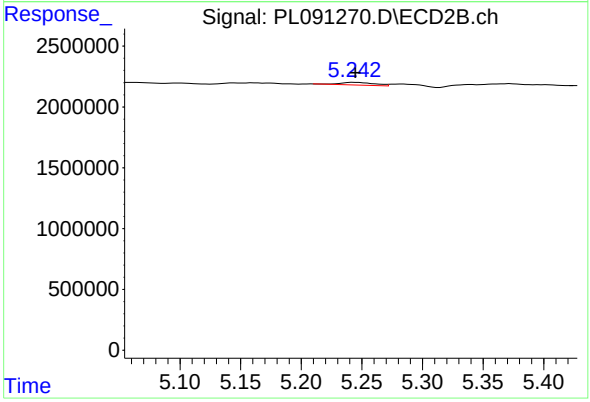
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 372284
Conc: 0.16 ng/ml



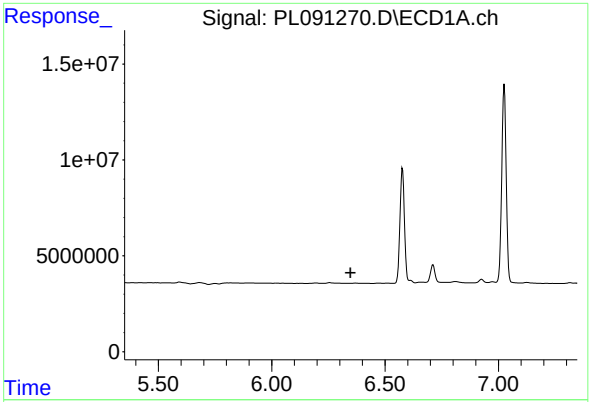
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.195 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

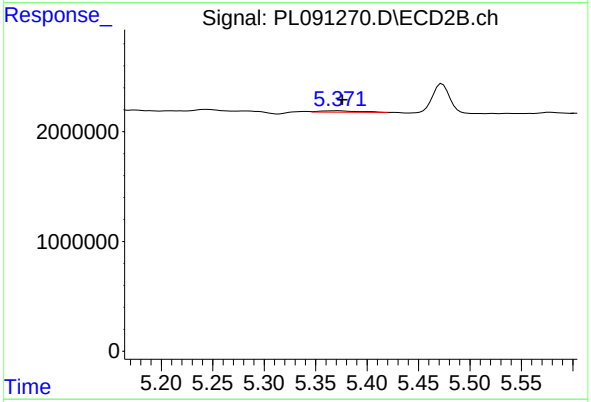
R.T.: 5.243 min
Delta R.T.: -0.001 min
Response: 460129
Conc: 0.22 ng/ml



#13 Dieldrin

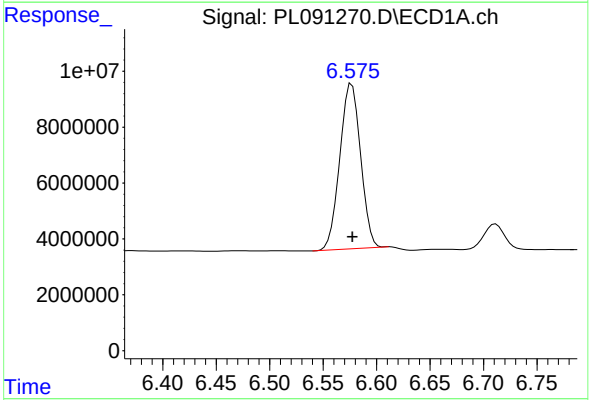
R.T.: 0.000 min
Exp R.T. : 6.348 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



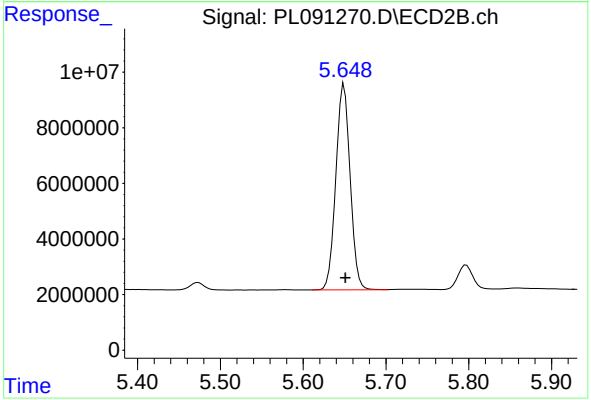
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: -0.003 min
Response: 338873
Conc: 0.15 ng/ml



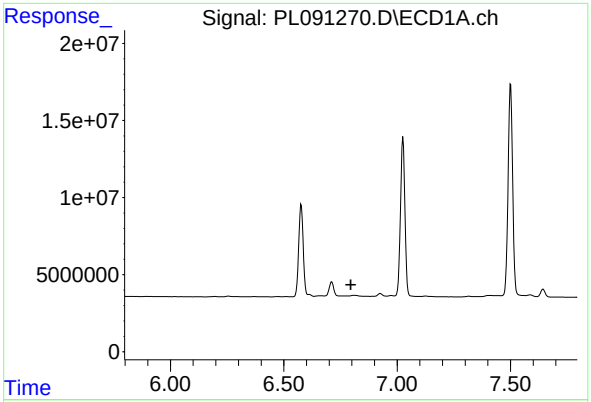
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 80205251
Conc: 41.36 ng/ml



#14 Endrin

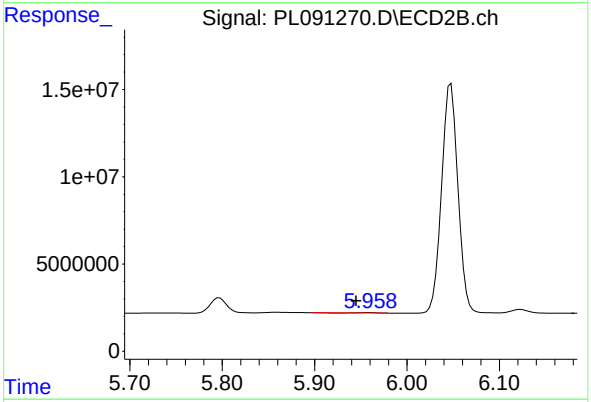
R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 88828045
Conc: 43.60 ng/ml



#15 Endosulfan II

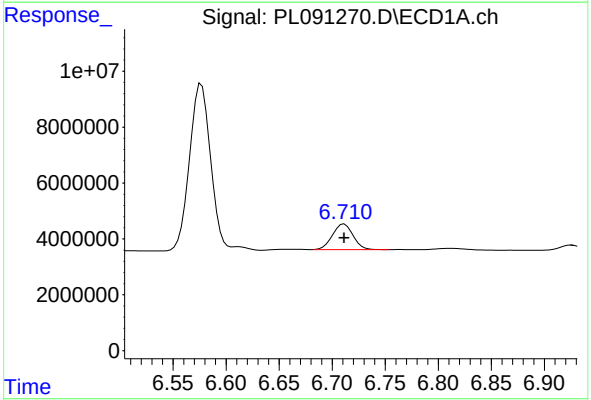
R.T.: 0.000 min
Exp R.T. : 6.796 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



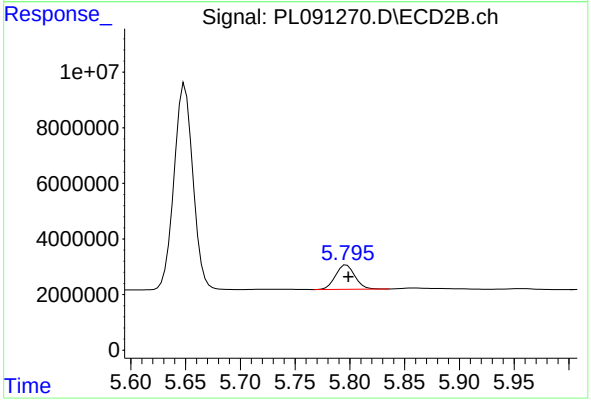
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: 0.013 min
Response: 150473
Conc: 0.08 ng/ml



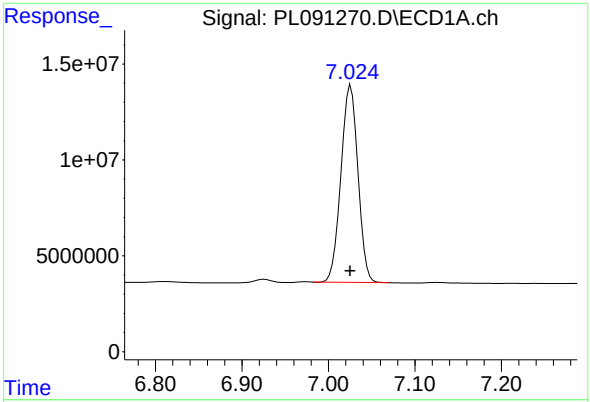
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 12429300
Conc: 8.22 ng/ml



#16 4,4'-DDD

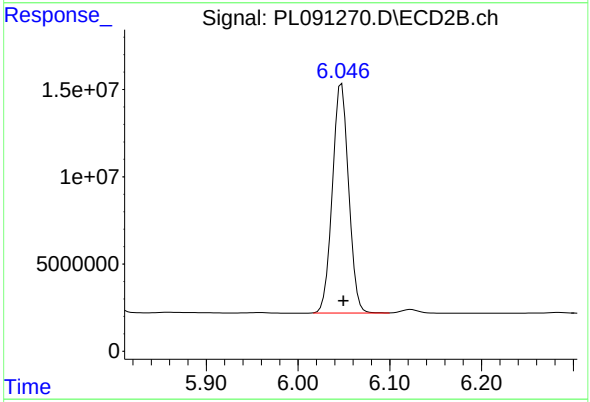
R.T.: 5.797 min
Delta R.T.: -0.002 min
Response: 10791367
Conc: 6.54 ng/ml



#17 4,4'-DDT

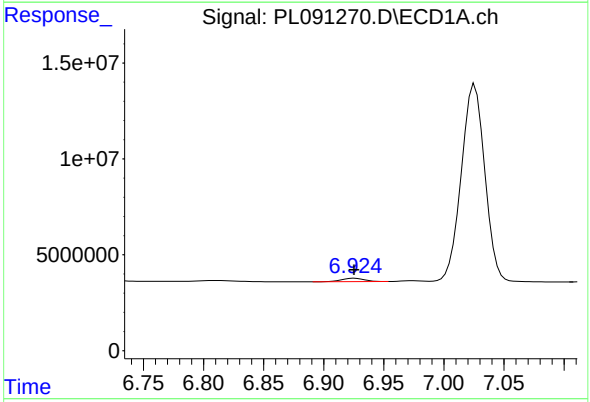
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 139706421
Conc: 78.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



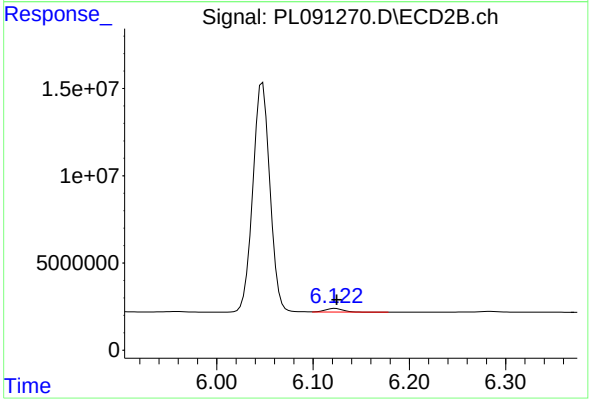
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 162069797
Conc: 91.23 ng/ml



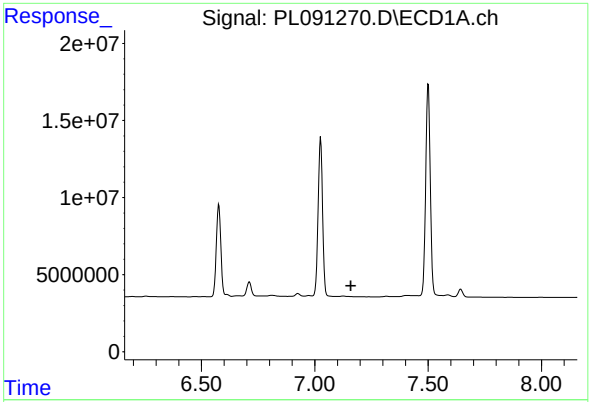
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 2273658
Conc: 1.42 ng/ml



#18 Endrin aldehyde

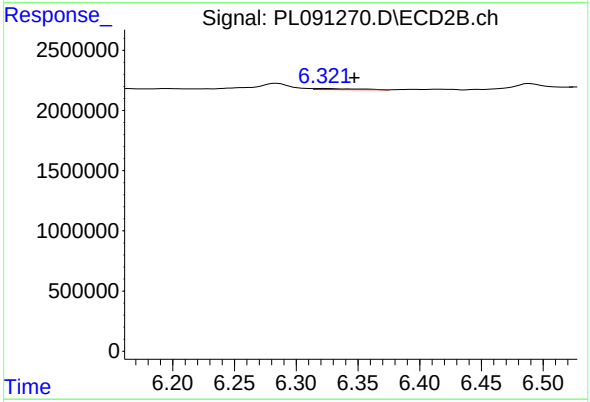
R.T.: 6.123 min
Delta R.T.: -0.002 min
Response: 2732353
Conc: 1.75 ng/ml



#19 Endosulfan Sulfate

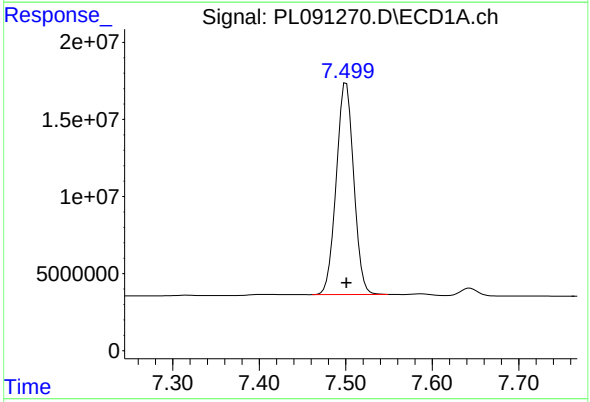
R.T.: 0.000 min
Exp R.T. : 7.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



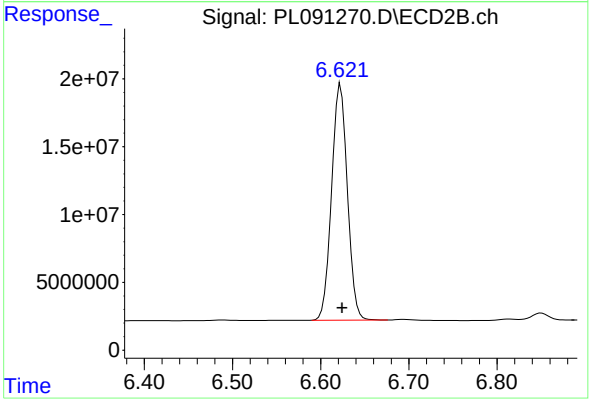
#19 Endosulfan Sulfate

R.T.: 6.322 min
Delta R.T.: -0.025 min
Response: 208381
Conc: 0.11 ng/ml



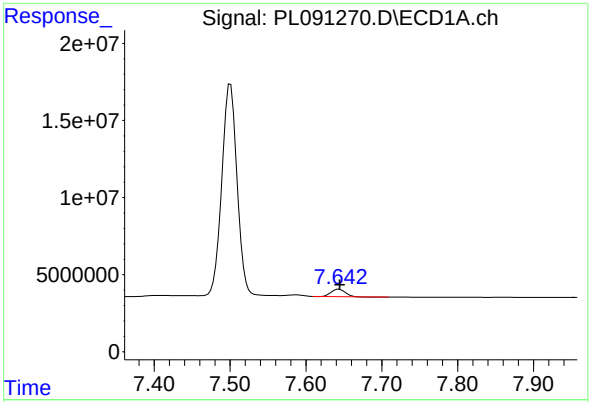
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 191528522
Conc: 203.70 ng/ml



#20 Methoxychlor

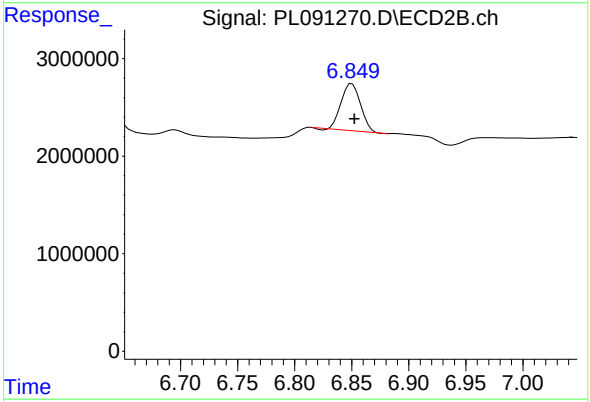
R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 216718452
Conc: 218.25 ng/ml



#21 Endrin ketone

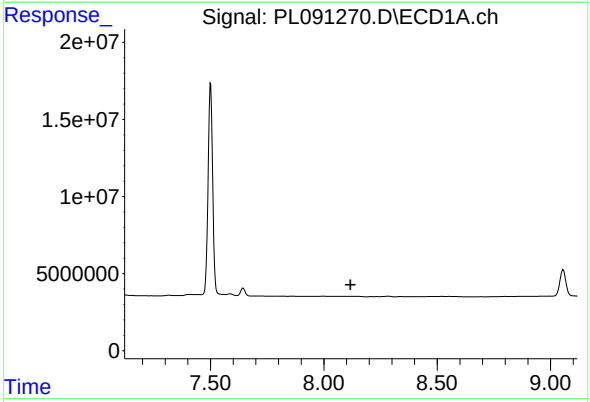
R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 6215612
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



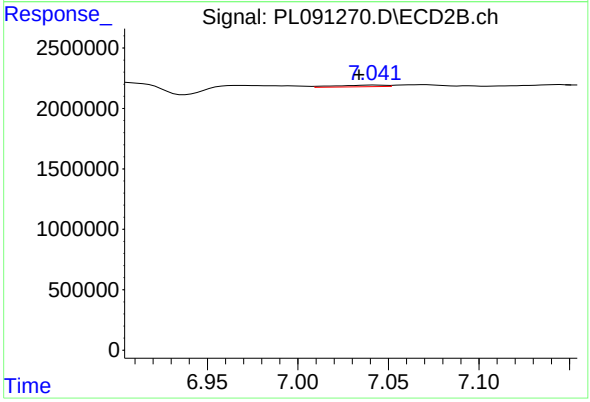
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 5666001
Conc: 2.60 ng/ml



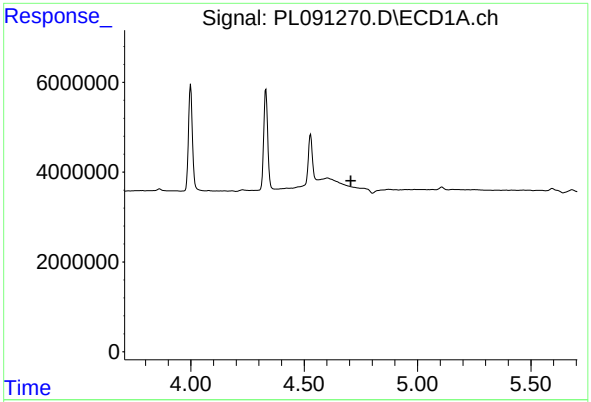
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#22 Mirex

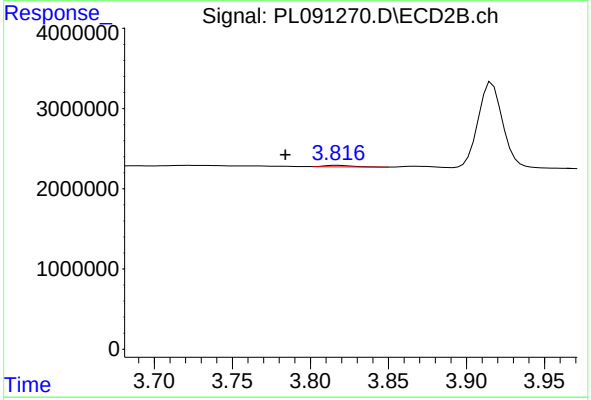
R.T.: 7.043 min
Delta R.T.: 0.009 min
Response: 269212
Conc: 0.14 ng/ml



#23 Chlordane-1

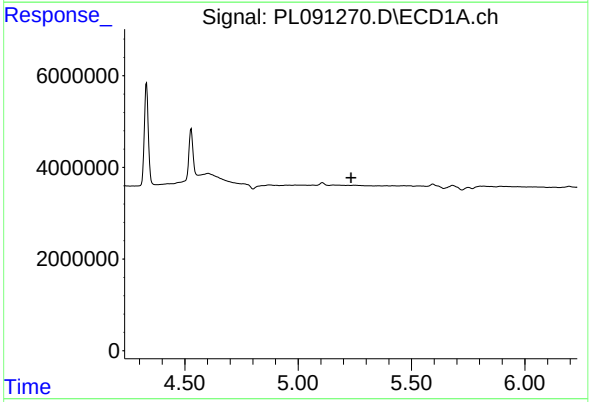
R.T.: 0.000 min
Exp R.T. : 4.706 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



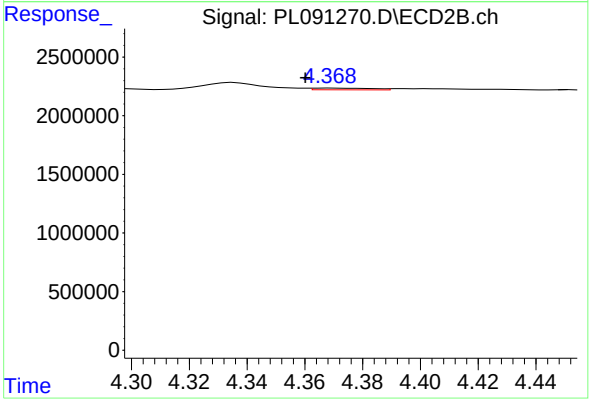
#23 Chlordane-1

R.T.: 3.818 min
Delta R.T.: 0.033 min
Response: 236993
Conc: 3.25 ng/ml



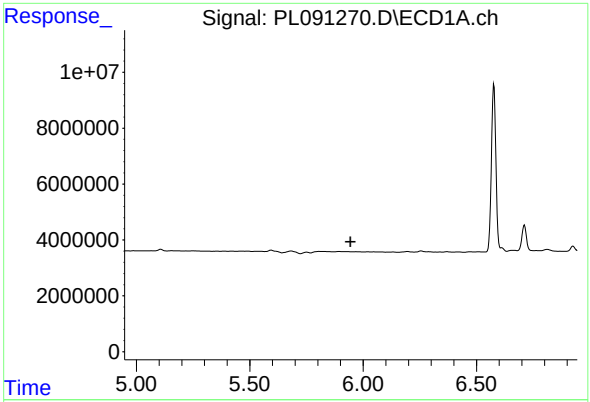
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.234 min
Response: 0
Conc: N.D.



#24 Chlordane-2

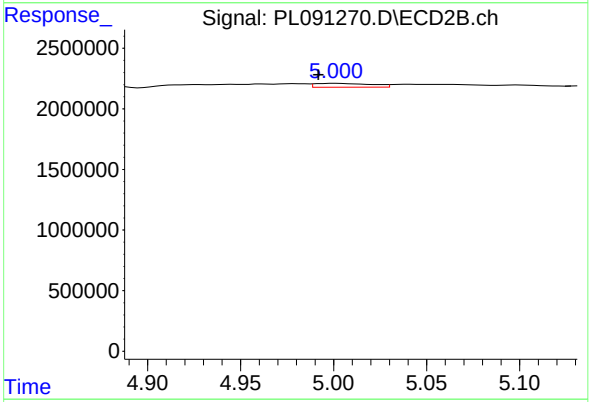
R.T.: 4.369 min
Delta R.T.: 0.009 min
Response: 209878
Conc: 2.23 ng/ml



#25 Chlordane-3

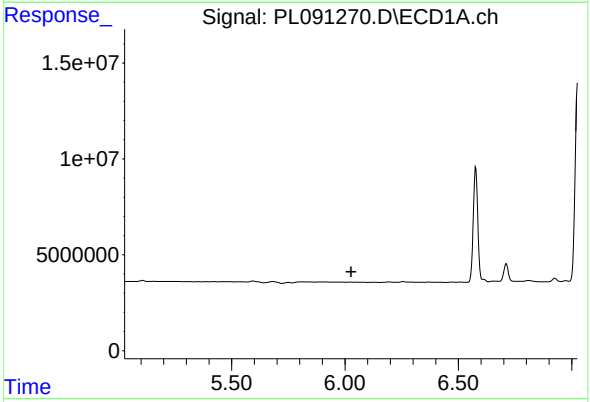
R.T.: 0.000 min
Exp R.T. : 5.944 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



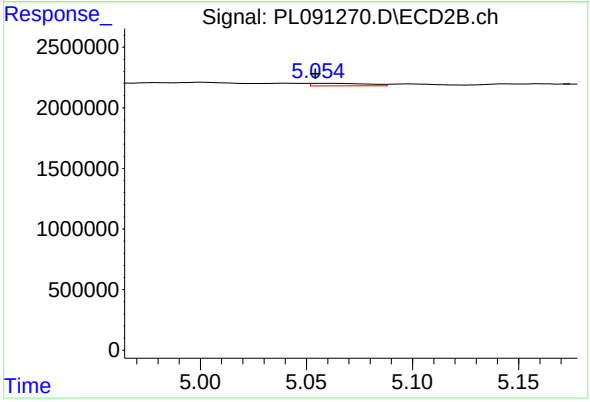
#25 Chlordane-3

R.T.: 5.001 min
Delta R.T.: 0.009 min
Response: 660519
Conc: 2.72 ng/ml



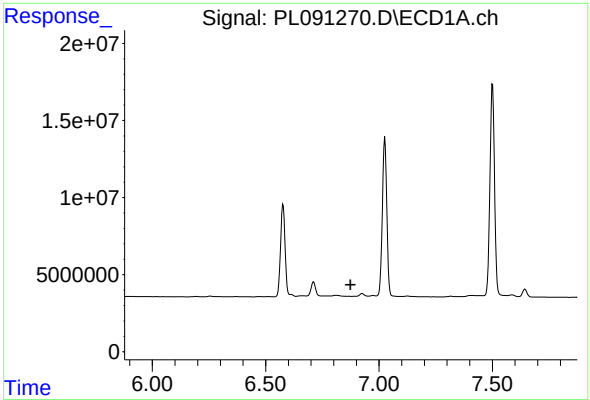
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.026 min
Response: 0
Conc: N.D.



#26 Chlordane-4

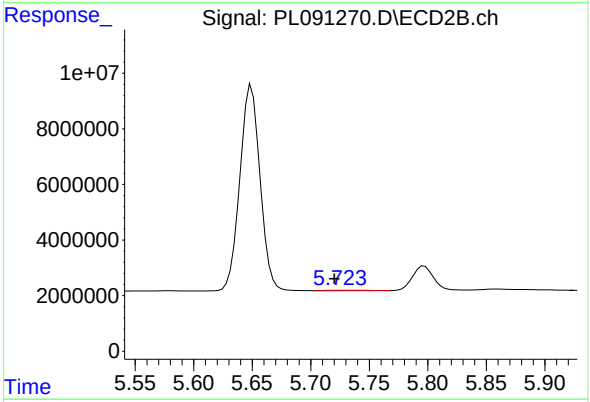
R.T.: 5.055 min
Delta R.T.: 0.001 min
Response: 372284
Conc: 1.60 ng/ml



#27 Chlordane-5

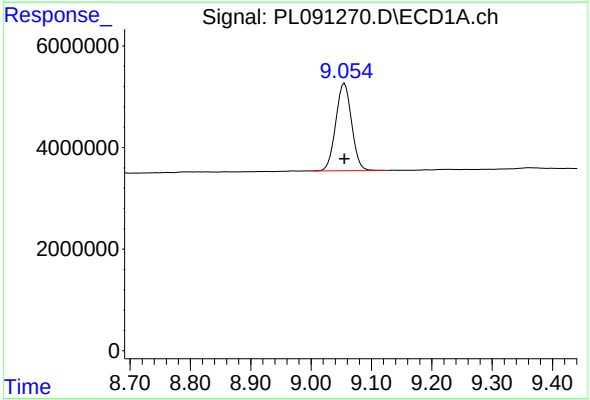
R.T.: 0.000 min
Exp R.T. : 6.875 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



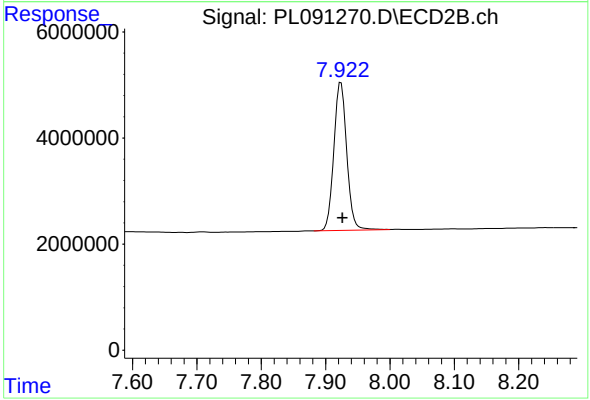
#27 Chlordane-5

R.T.: 5.724 min
Delta R.T.: 0.003 min
Response: 326938
Conc: 4.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 31502594
Conc: 20.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 39007039
Conc: 20.59 ng/ml