Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040320\
Data File : PL057766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2020 13:09
Operator : AJ\MA
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: Apr 04 06:57:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
Quant Title : GC Extractables
QLast Update : Sat Apr 04 06:41:11 2020
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...	3.458	3.956	220.2E6	45611782	21.845	21.018	
28)	SA Decachlor...	8.209	8.981	228.7E6	49769883	22.186	22.281	
	Target Compounds							
2)	A alpha-BHC	3.895	4.344	174.6E6	31021950	10.052	9.447	
3)	MA gamma-BHC...	4.179	4.626	134.7E6	30430447	9.269	9.367	
4)	MA Heptachlor	0.000	5.137	0	367051	N.D.	0.109	#
5)	MB Aldrin	4.723	0.000	673504	0	0.046	N.D.	#
6)	B beta-BHC	4.431	4.800	66031692	15084553	10.456	10.863	
8)	B Heptachlo...	0.000	5.799f	0	4077660	N.D.	1.510	#
9)	A Endosulfan I	5.500	6.166	665719	1590740	0.054	0.533	#
10)	B gamma-Chl...	5.380f	6.035	3442816	12898035	0.253	3.981	#
11)	B alpha-Chl...	0.000	6.107	0	2154980	N.D.	0.659	#
12)	B 4,4'-DDE	5.619	6.279	2222657	1819862	0.170	0.615	#
13)	MA Dieldrin	5.747	0.000	571382	0	0.044	N.D.	#
14)	MA Endrin	6.009	6.642	622.7E6	129.0E6	53.346	51.629	
15)	B Endosulfa...	0.000	6.869f	0	1380394	N.D.	0.532	#
16)	A 4,4'-DDD	6.136	6.768	3798082	1068192	0.380	0.468	
17)	MA 4,4'-DDT	6.375	7.065	1156.4E6	237.7E6	113.934	106.733	
18)	B Endrin al...	6.446	6.975	3946357	739912	0.422	0.333	
19)	B Endosulfa...	6.637f	0.000	454000	0	0.045	N.D.	#
20)	A Methoxychlor	6.921	7.525	1387.2E6	307.9E6	251.640	242.056	
21)	B Endrin ke...	7.153	7.666	9386907	1760184	0.843	0.712	
22)	Mirex	7.332	0.000	1140196	0	0.139	N.D.	#
23)	Chlordane-1	4.354f	0.000	867592	0	2.346	N.D.	#
25)	Chlordane-3	5.380f	6.035	3442816	12898035	2.816	29.810	#
26)	Chlordane-4	0.000	6.137	0	3016876	N.D.	5.747	#
27)	Chlordane-5	0.000	6.936	0	609154	N.D.	7.145	#

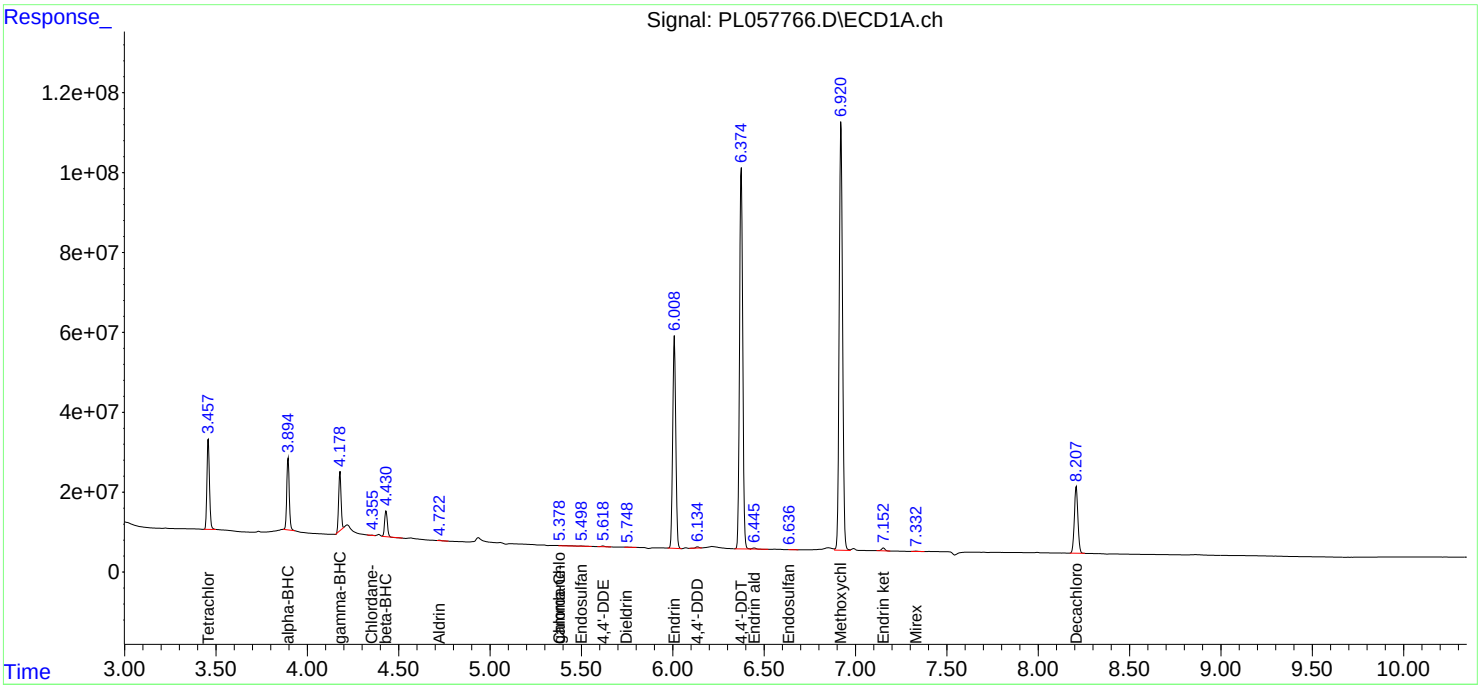
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

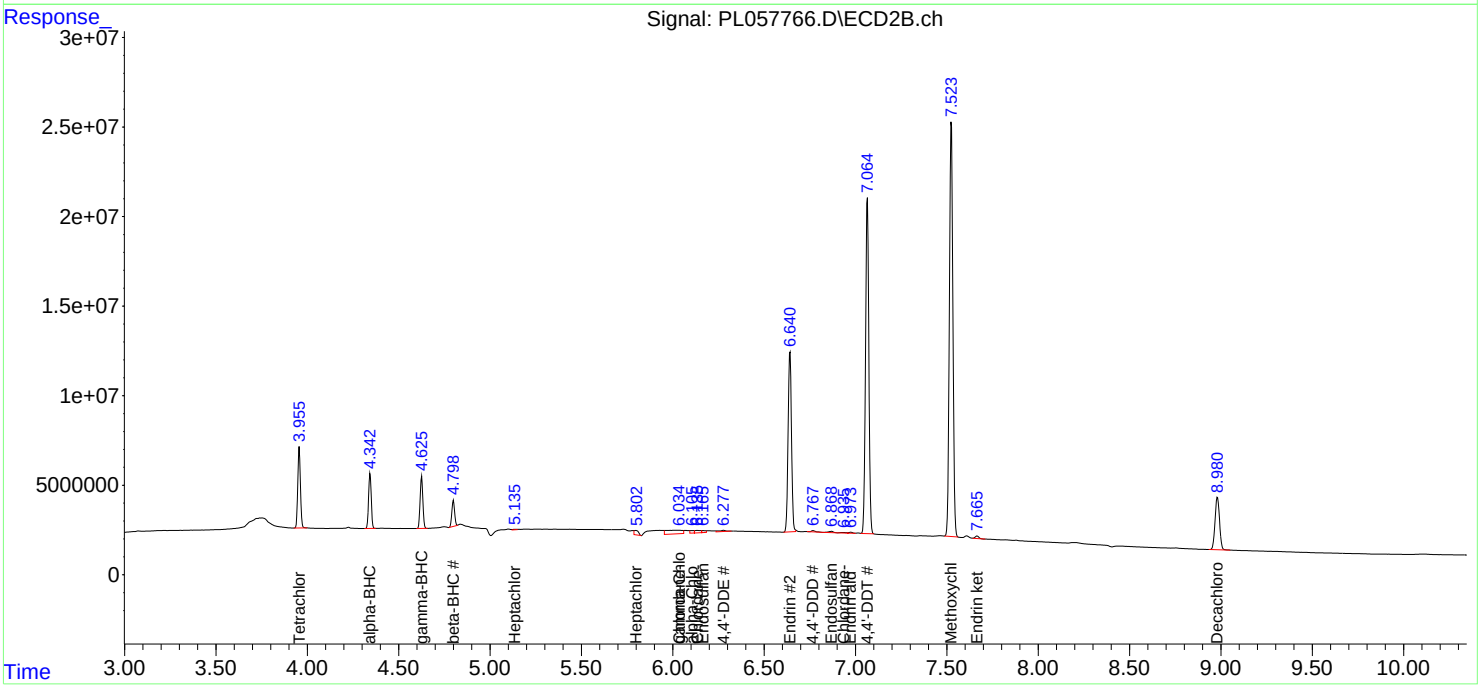
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040320\
Data File : PL057766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2020 13:09
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

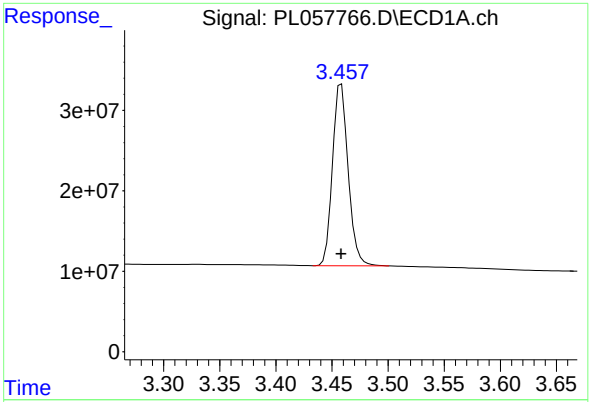
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 06:57:18 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040320.M
Quant Title : GC Extractables
QLast Update : Sat Apr 04 06:41:11 2020
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



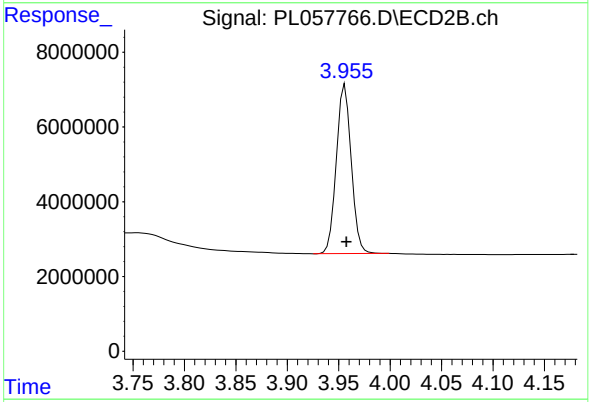




#1 Tetrachloro-m-xylene

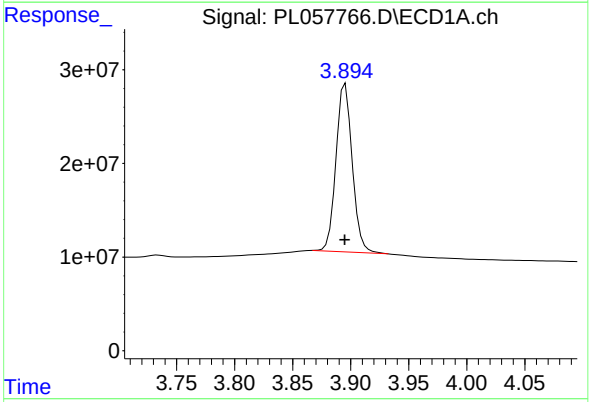
R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 220224398
Conc: 21.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



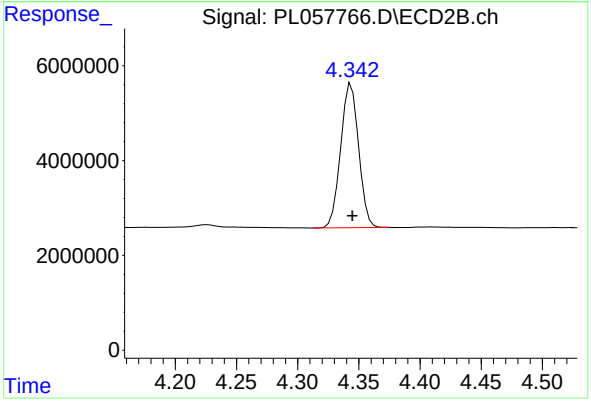
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: -0.001 min
Response: 45611782
Conc: 21.02 ng/ml



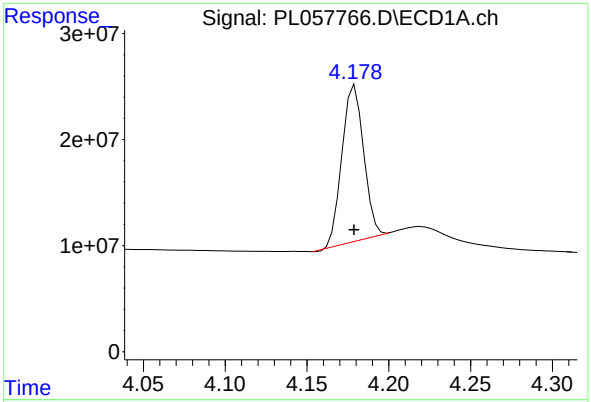
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 174623188
Conc: 10.05 ng/ml



#2 alpha-BHC

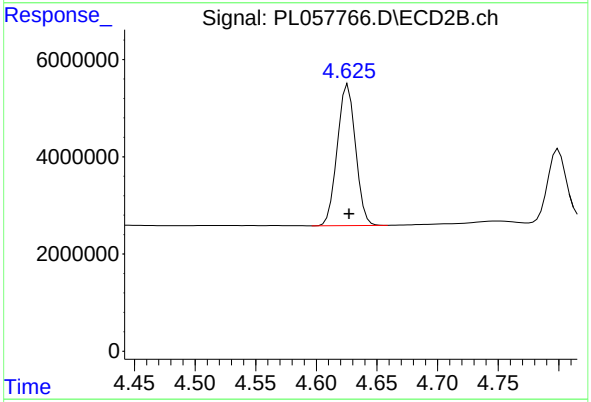
R.T.: 4.344 min
Delta R.T.: 0.000 min
Response: 31021950
Conc: 9.45 ng/ml



#3 gamma-BHC (Lindane)

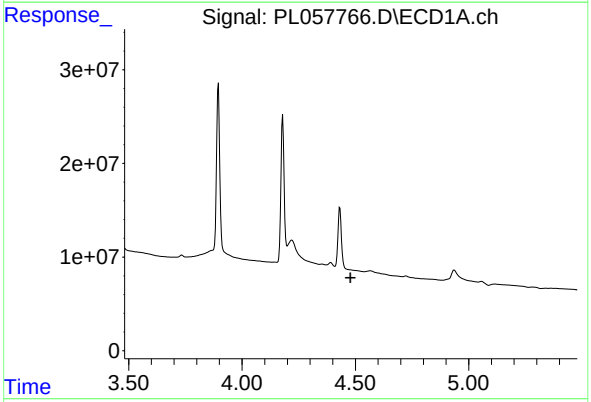
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 134734037
Conc: 9.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



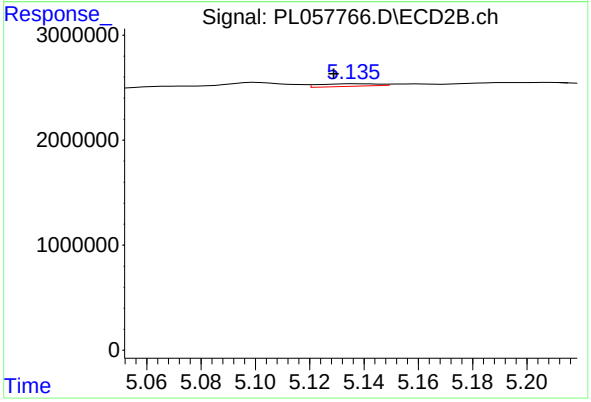
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 30430447
Conc: 9.37 ng/ml



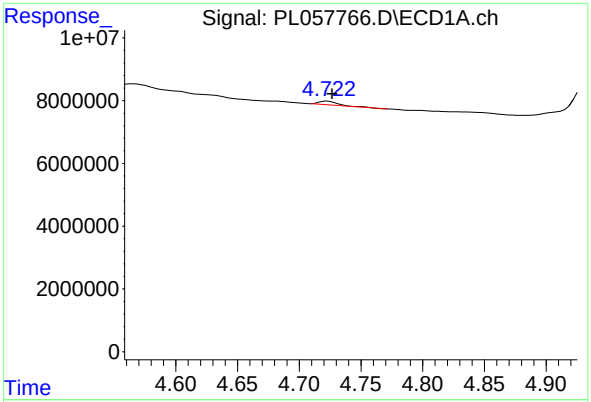
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.479 min
Response: 0
Conc: N.D.



#4 Heptachlor

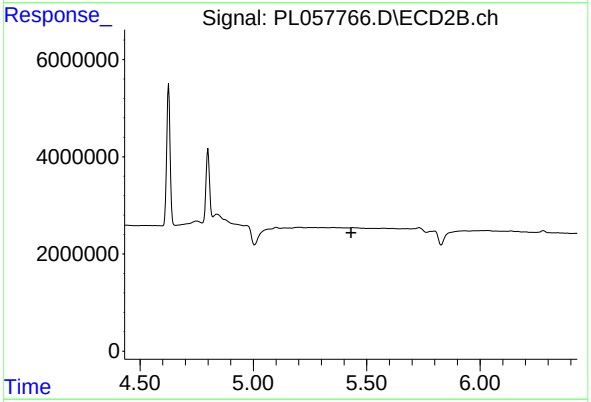
R.T.: 5.137 min
Delta R.T.: 0.008 min
Response: 367051
Conc: 0.11 ng/ml



#5 Aldrin

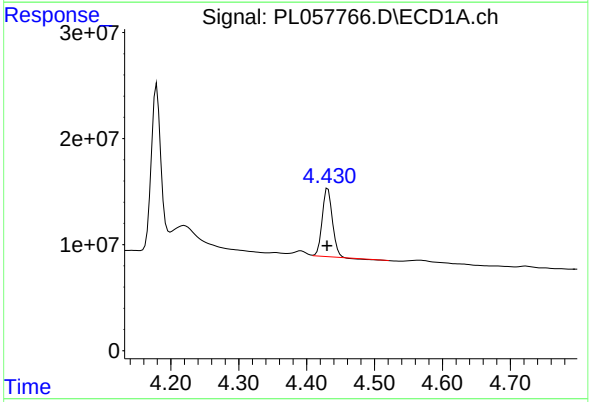
R.T.: 4.723 min
Delta R.T.: -0.004 min
Response: 673504
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



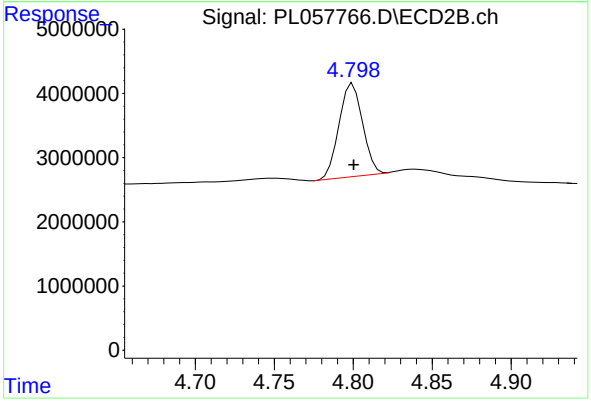
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.431 min
Response: 0
Conc: N.D.



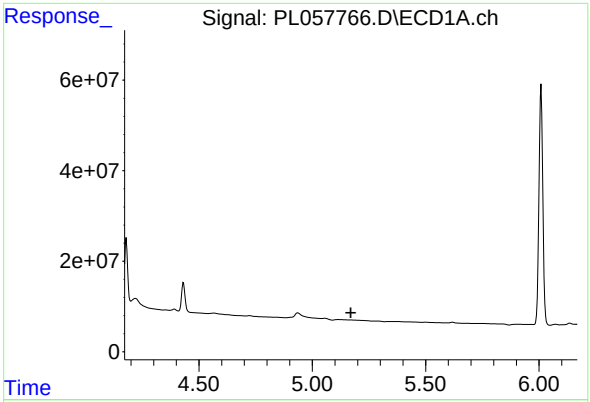
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 66031692
Conc: 10.46 ng/ml



#6 beta-BHC

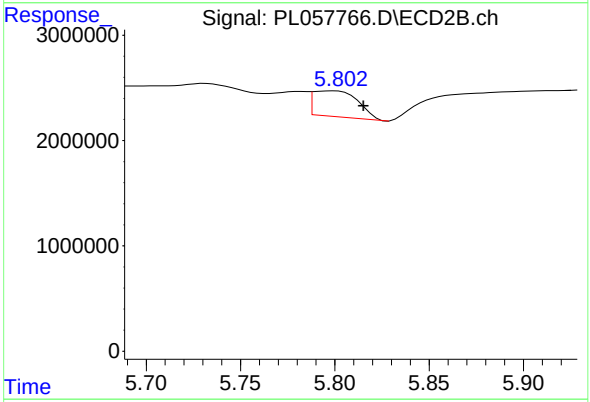
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 15084553
Conc: 10.86 ng/ml



#8 Heptachlor epoxide

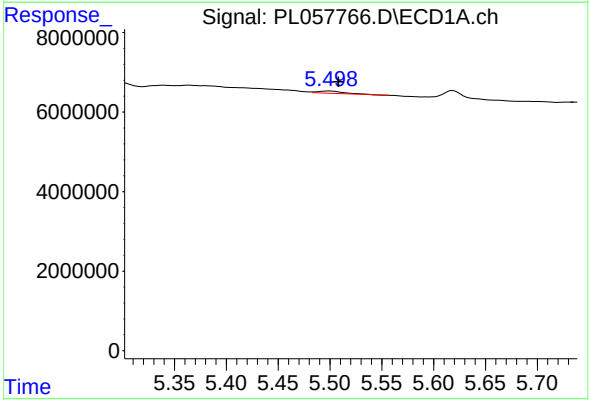
R.T.: 0.000 min
Exp R.T. : 5.169 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



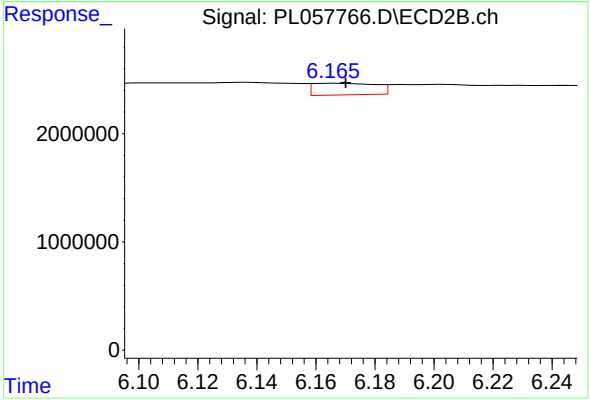
#8 Heptachlor epoxide

R.T.: 5.799 min
Delta R.T.: -0.016 min
Response: 4077660
Conc: 1.51 ng/ml



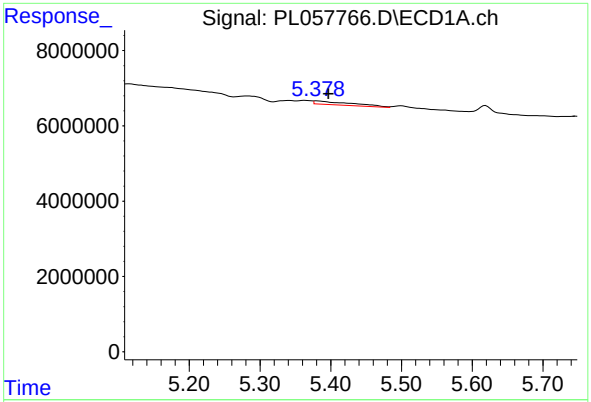
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 665719
Conc: 0.05 ng/ml



#9 Endosulfan I

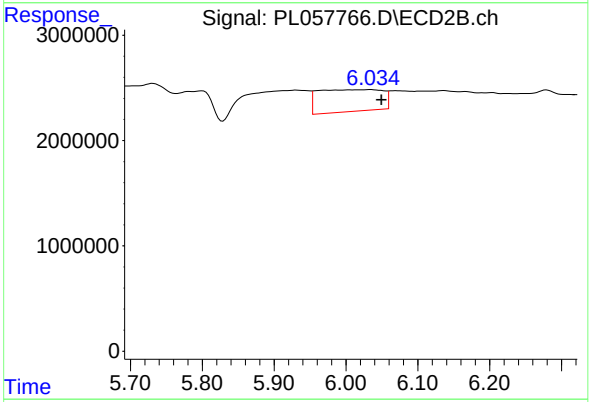
R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 1590740
Conc: 0.53 ng/ml



#10 gamma-Chlordane

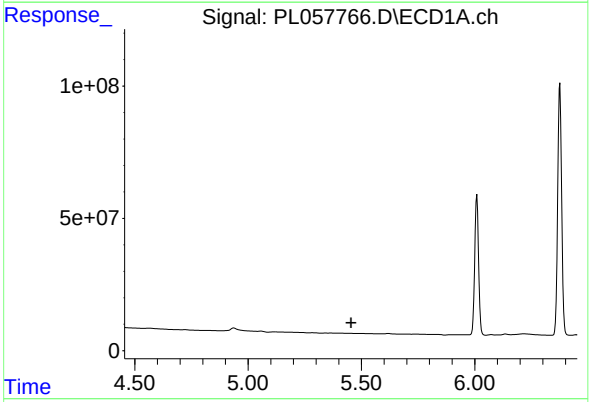
R.T.: 5.380 min
Delta R.T.: -0.017 min
Response: 3442816
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



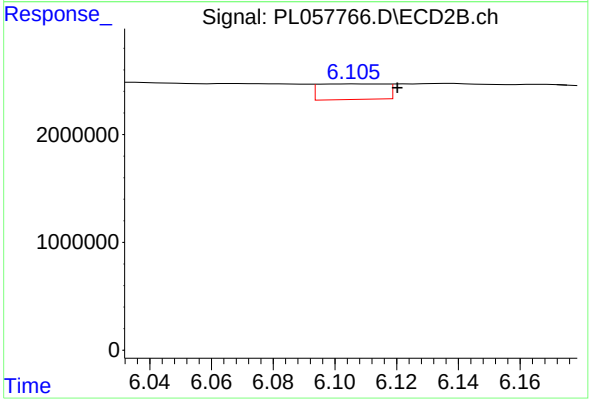
#10 gamma-Chlordane

R.T.: 6.035 min
Delta R.T.: -0.015 min
Response: 12898035
Conc: 3.98 ng/ml



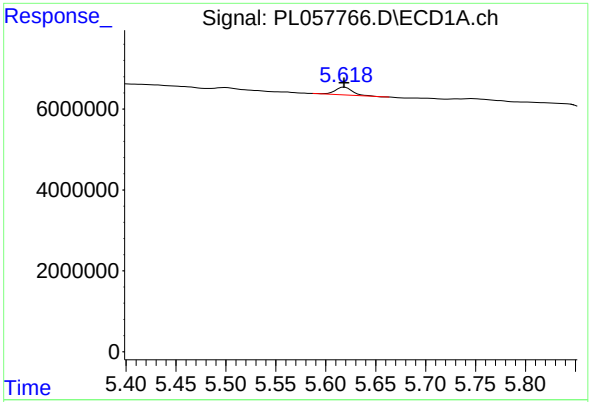
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.455 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

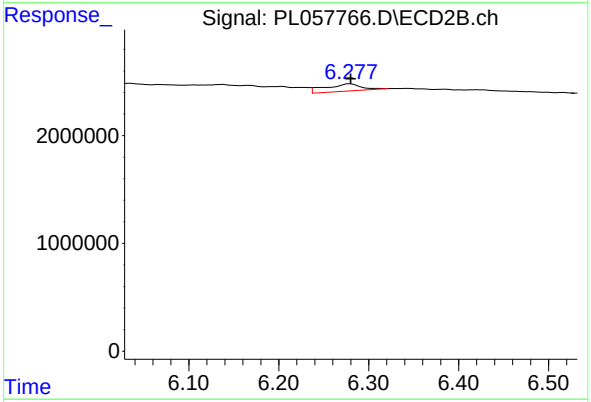
R.T.: 6.107 min
Delta R.T.: -0.013 min
Response: 2154980
Conc: 0.66 ng/ml



#12 4,4'-DDE

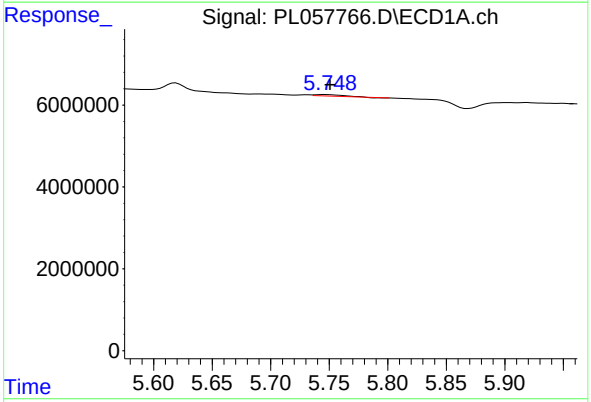
R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 2222657
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



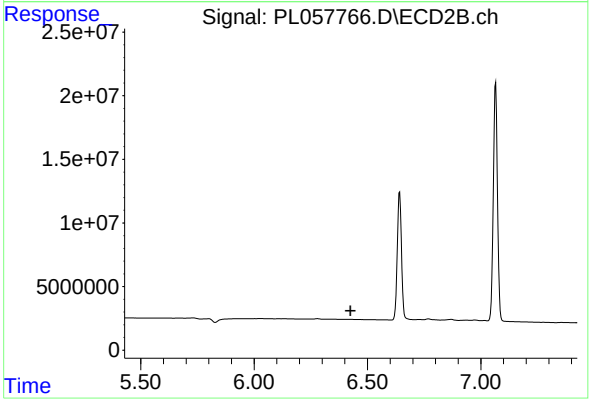
#12 4,4'-DDE

R.T.: 6.279 min
Delta R.T.: -0.001 min
Response: 1819862
Conc: 0.61 ng/ml



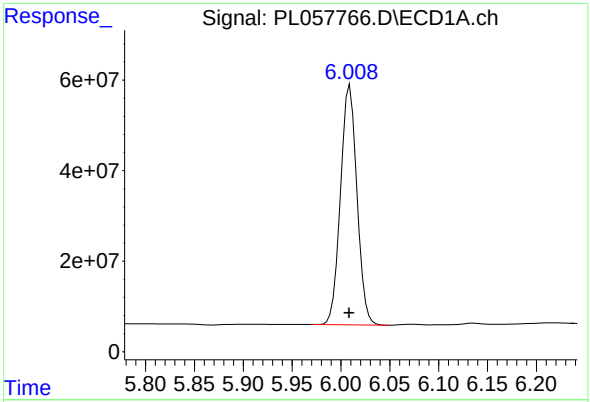
#13 Dieldrin

R.T.: 5.747 min
Delta R.T.: -0.004 min
Response: 571382
Conc: 0.04 ng/ml



#13 Dieldrin

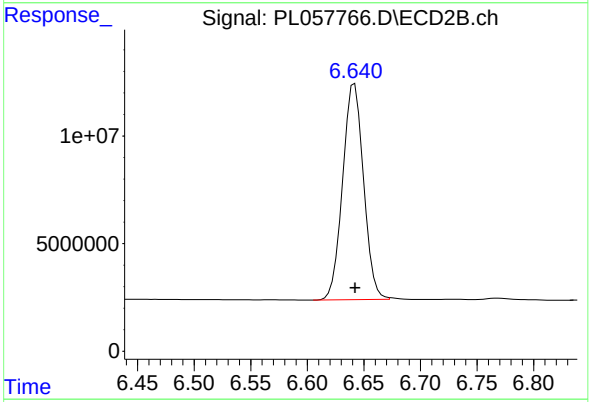
R.T.: 0.000 min
Exp R.T. : 6.425 min
Response: 0
Conc: N.D.



#14 Endrin

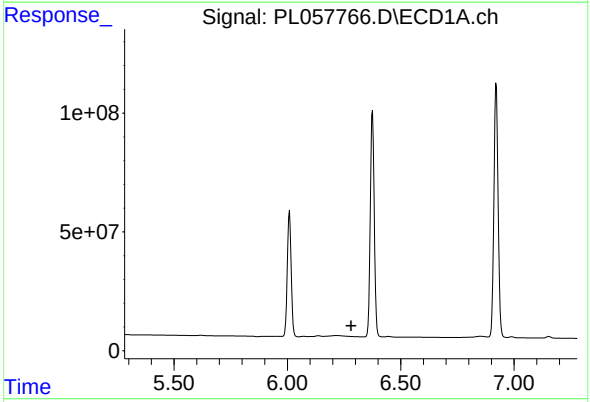
R.T.: 6.009 min
Delta R.T.: 0.000 min
Response: 622693507
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



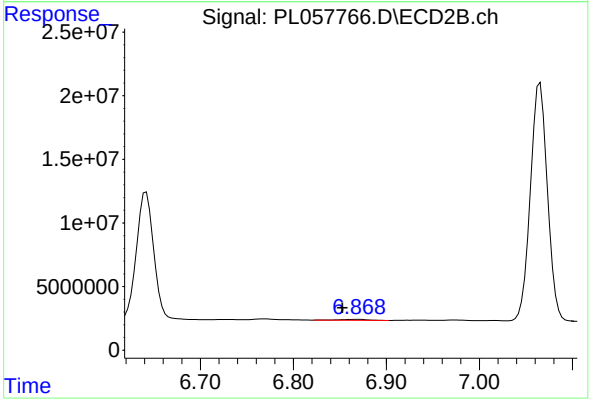
#14 Endrin

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 128997975
Conc: 51.63 ng/ml



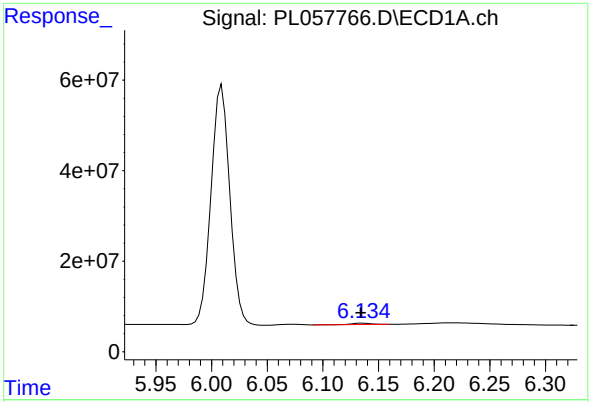
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.282 min
Response: 0
Conc: N.D.



#15 Endosulfan II

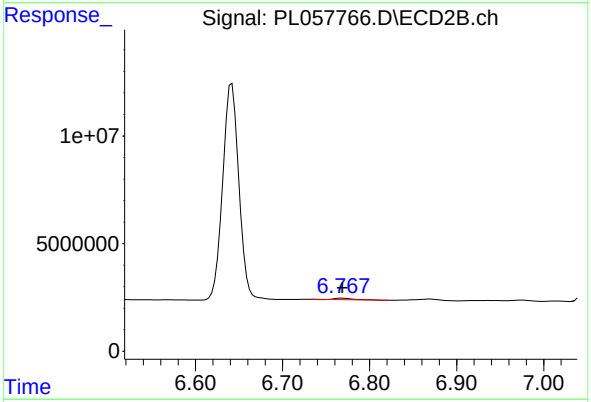
R.T.: 6.869 min
Delta R.T.: 0.017 min
Response: 1380394
Conc: 0.53 ng/ml



#16 4,4'-DDD

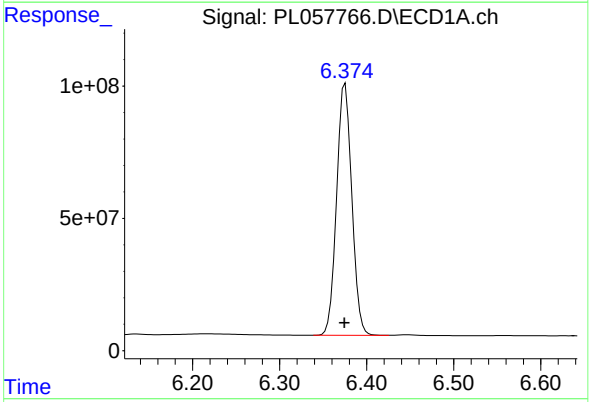
R.T.: 6.136 min
Delta R.T.: 0.002 min
Response: 3798082
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



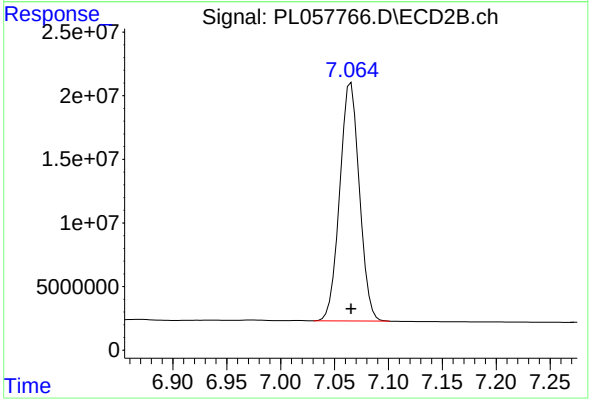
#16 4,4'-DDD

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1068192
Conc: 0.47 ng/ml



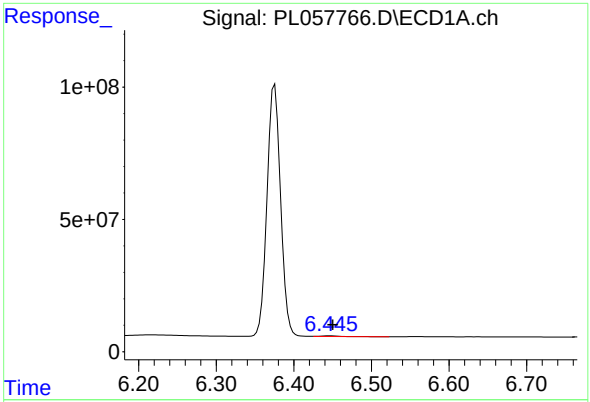
#17 4,4'-DDT

R.T.: 6.375 min
Delta R.T.: 0.001 min
Response: 1156369013
Conc: 113.93 ng/ml



#17 4,4'-DDT

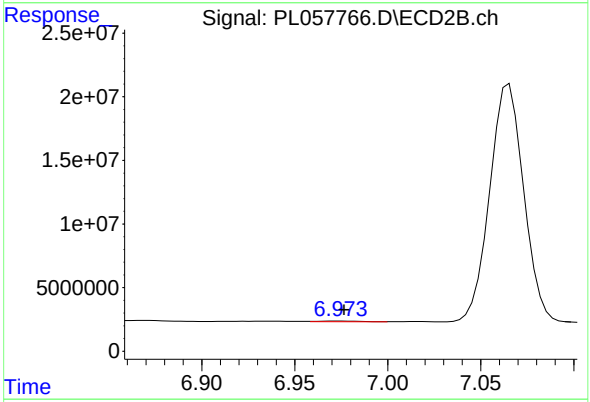
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 237735014
Conc: 106.73 ng/ml



#18 Endrin aldehyde

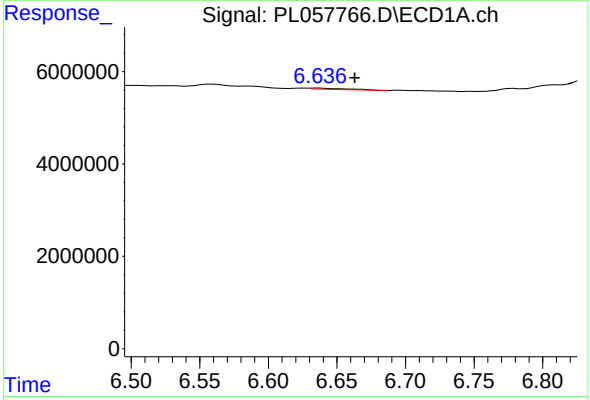
R.T.: 6.446 min
Delta R.T.: -0.004 min
Response: 3946357
Conc: 0.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



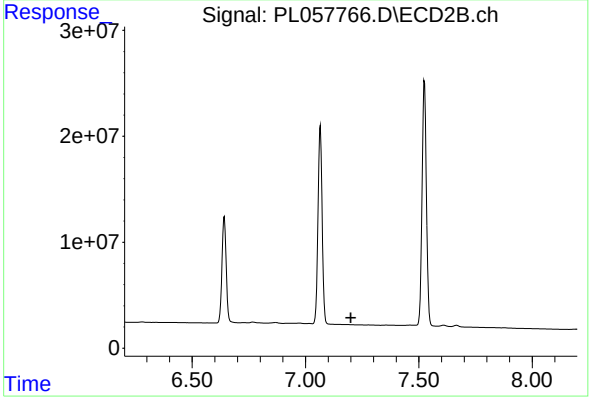
#18 Endrin aldehyde

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 739912
Conc: 0.33 ng/ml



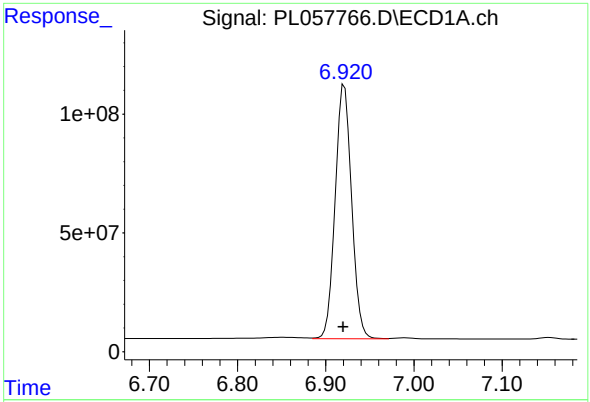
#19 Endosulfan Sulfate

R.T.: 6.637 min
Delta R.T.: -0.026 min
Response: 454000
Conc: 0.04 ng/ml



#19 Endosulfan Sulfate

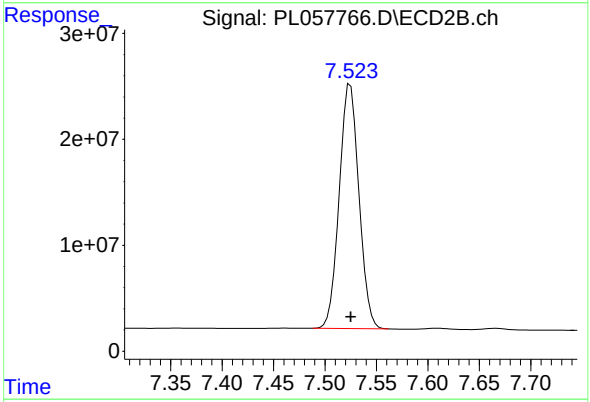
R.T.: 0.000 min
Exp R.T. : 7.199 min
Response: 0
Conc: N.D.



#20 Methoxychlor

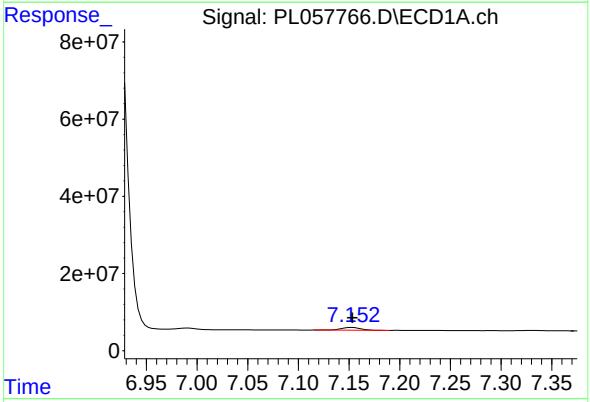
R.T.: 6.921 min
Delta R.T.: 0.001 min
Response: 1387194756
Conc: 251.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



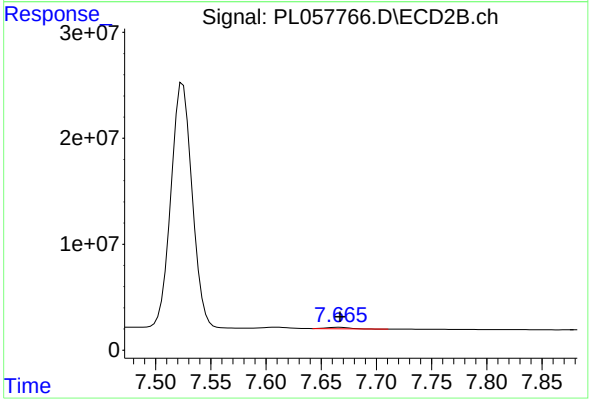
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 307899288
Conc: 242.06 ng/ml



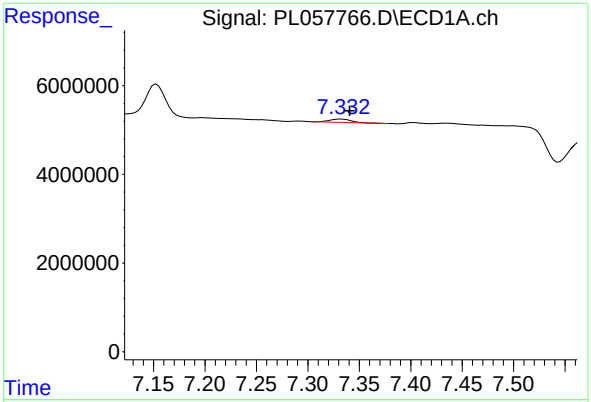
#21 Endrin ketone

R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 9386907
Conc: 0.84 ng/ml



#21 Endrin ketone

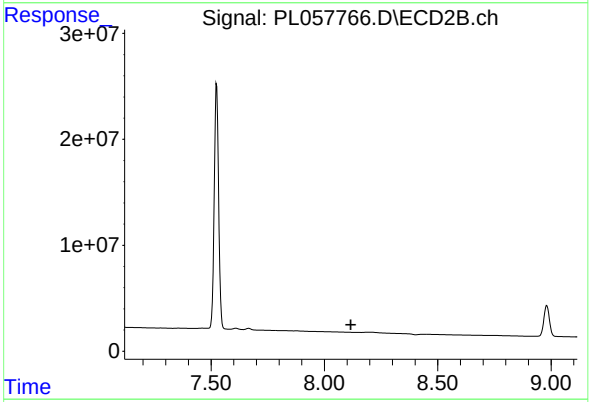
R.T.: 7.666 min
Delta R.T.: -0.001 min
Response: 1760184
Conc: 0.71 ng/ml



#22 Mirex

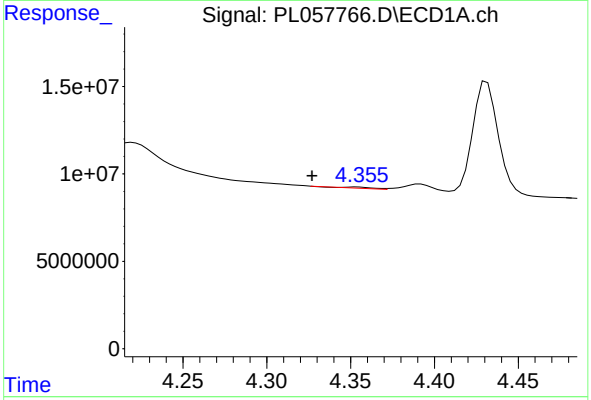
R.T.: 7.332 min
Delta R.T.: -0.008 min
Response: 1140196
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



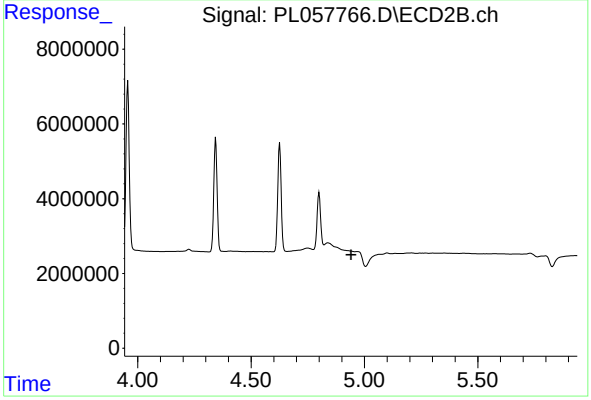
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



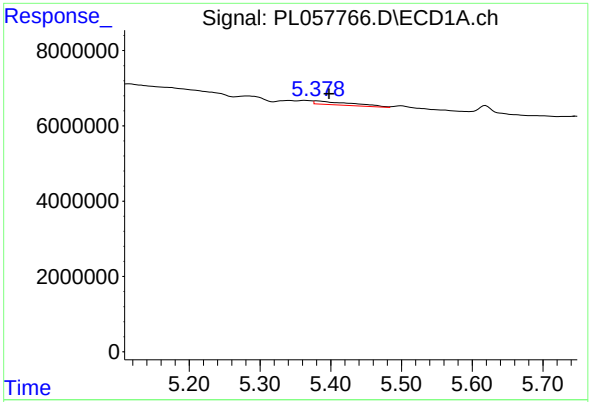
#23 Chlordane-1

R.T.: 4.354 min
Delta R.T.: 0.027 min
Response: 867592
Conc: 2.35 ng/ml



#23 Chlordane-1

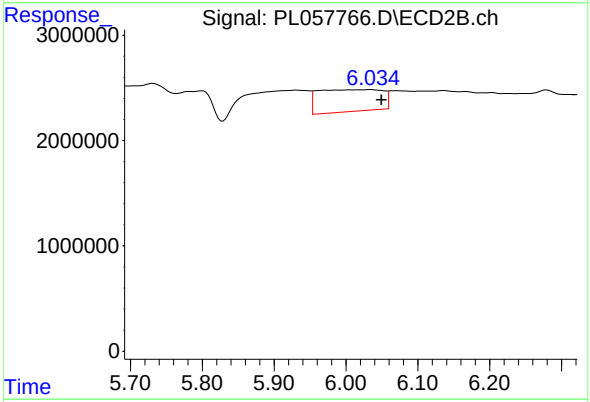
R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#25 Chlordane-3

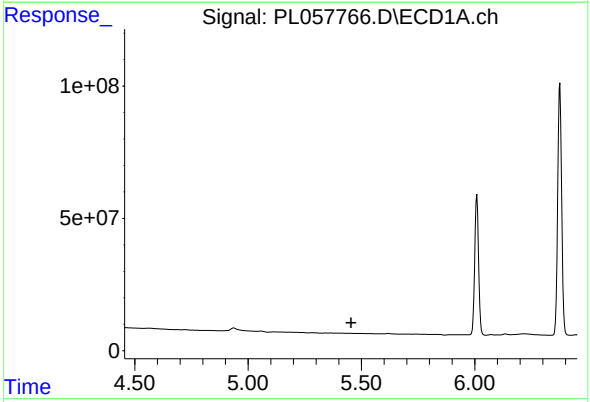
R.T.: 5.380 min
Delta R.T.: -0.018 min
Response: 3442816
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



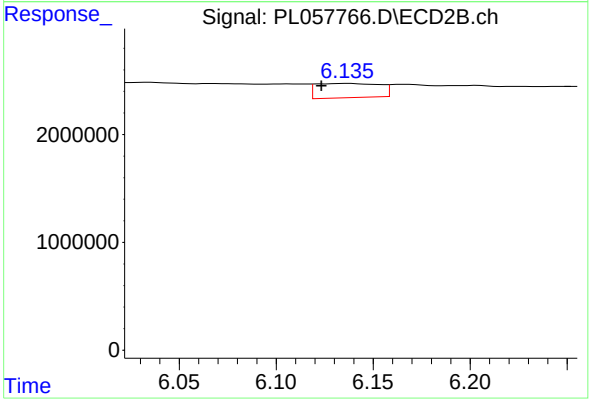
#25 Chlordane-3

R.T.: 6.035 min
Delta R.T.: -0.015 min
Response: 12898035
Conc: 29.81 ng/ml



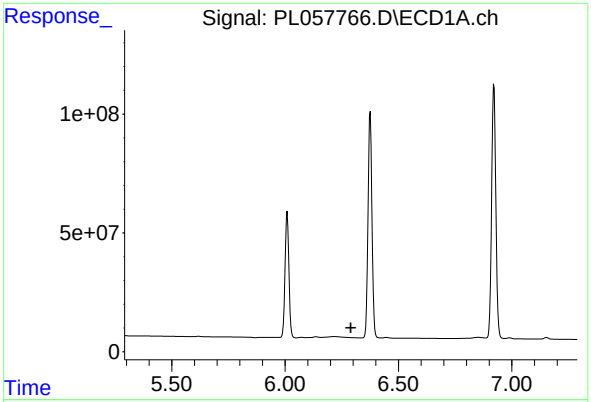
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.454 min
Response: 0
Conc: N.D.



#26 Chlordane-4

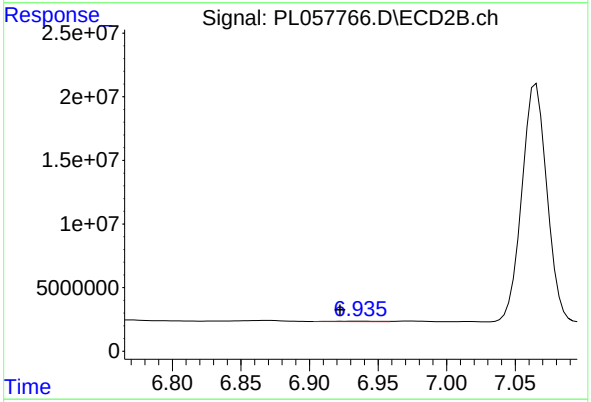
R.T.: 6.137 min
Delta R.T.: 0.014 min
Response: 3016876
Conc: 5.75 ng/ml



#27 Chlordane-5

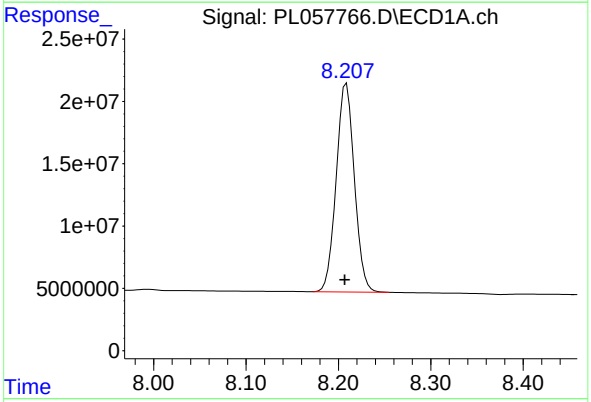
R.T.: 0.000 min
Exp R.T. : 6.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



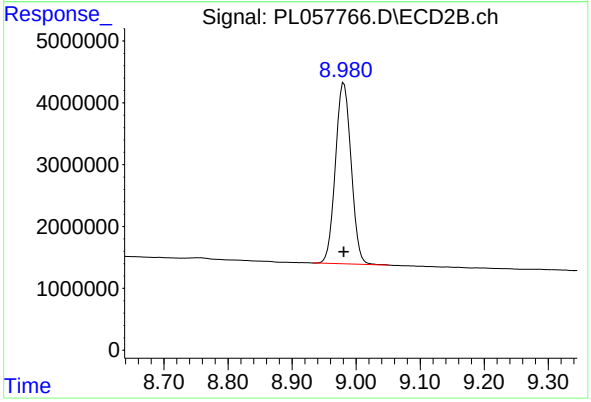
#27 Chlordane-5

R.T.: 6.936 min
Delta R.T.: 0.014 min
Response: 609154
Conc: 7.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.209 min
Delta R.T.: 0.002 min
Response: 228702353
Conc: 22.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: 0.000 min
Response: 49769883
Conc: 22.28 ng/ml