Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
Data File : PL092753.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2024 11:29
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: Nov 01 01:14:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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...	3.542	2.779	52986235	57365915	21.625	21.081	
28)	SA Decachlor...	9.059	7.917	40894018	57406805	21.249	21.034	
	Target Compounds							
2)	A alpha-BHC	3.998	3.281	38128283	40090506	11.242	10.047	
3)	MA gamma-BHC...	4.331	3.612	36368917	37396682	11.158	9.690	
4)	MA Heptachlor	0.000	3.973f	0	38123	N.D.	0.010	#
5)	MB Aldrin	0.000	4.245f	0	151425	N.D.	0.041	#
6)	B beta-BHC	4.528	3.912	16843901	18643771	11.653	11.325	
7)	B delta-BHC	0.000	4.137	0	181653	N.D.	0.047	#
8)	B Heptachlo...	0.000	4.710f	0	76693	N.D.	0.023	#
9)	A Endosulfan I	0.000	5.088	0	455865	N.D.	0.149	#
10)	B gamma-Chl...	0.000	4.991	0	3898591	N.D.	1.160	#
11)	B alpha-Chl...	0.000	5.047	0	284240	N.D.	0.085	#
12)	B 4,4'-DDE	0.000	5.238	0	849484	N.D.	0.264	#
13)	MA Dieldrin	0.000	5.366	0	139952	N.D.	0.042	#
14)	MA Endrin	6.578	5.643	100.4E6	147.5E6	44.092	51.000	
15)	B Endosulfa...	6.814f	5.951	4732793	517572	1.985	0.183	#
16)	A 4,4'-DDD	6.712	5.790	8317163	6398875	4.333	2.570	#
17)	MA 4,4'-DDT	7.027	6.041	189.0E6	292.0E6	91.315	108.867	
18)	B Endrin al...	6.926	6.117	3044238	3947376	1.621	1.711	
20)	A Methoxychlor	7.503	6.617	243.7E6	345.3E6	213.814	241.828	
21)	B Endrin ke...	7.645	6.845	7147521	8612271	2.950	2.806	
22)	Mirex	0.000	7.040f	0	276364	N.D.	0.106	#
23)	Chlordane-1	0.000	3.774	0	38030	N.D.	0.358	#
24)	Chlordane-2	0.000	4.362	0	288001	N.D.	2.325	#
25)	Chlordane-3	0.000	4.991	0	3898591	N.D.	10.749	#
26)	Chlordane-4	0.000	5.047	0	284240	N.D.	0.813	#
27)	Chlordane-5	0.000	5.951	0	517572	N.D.	4.082	#

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

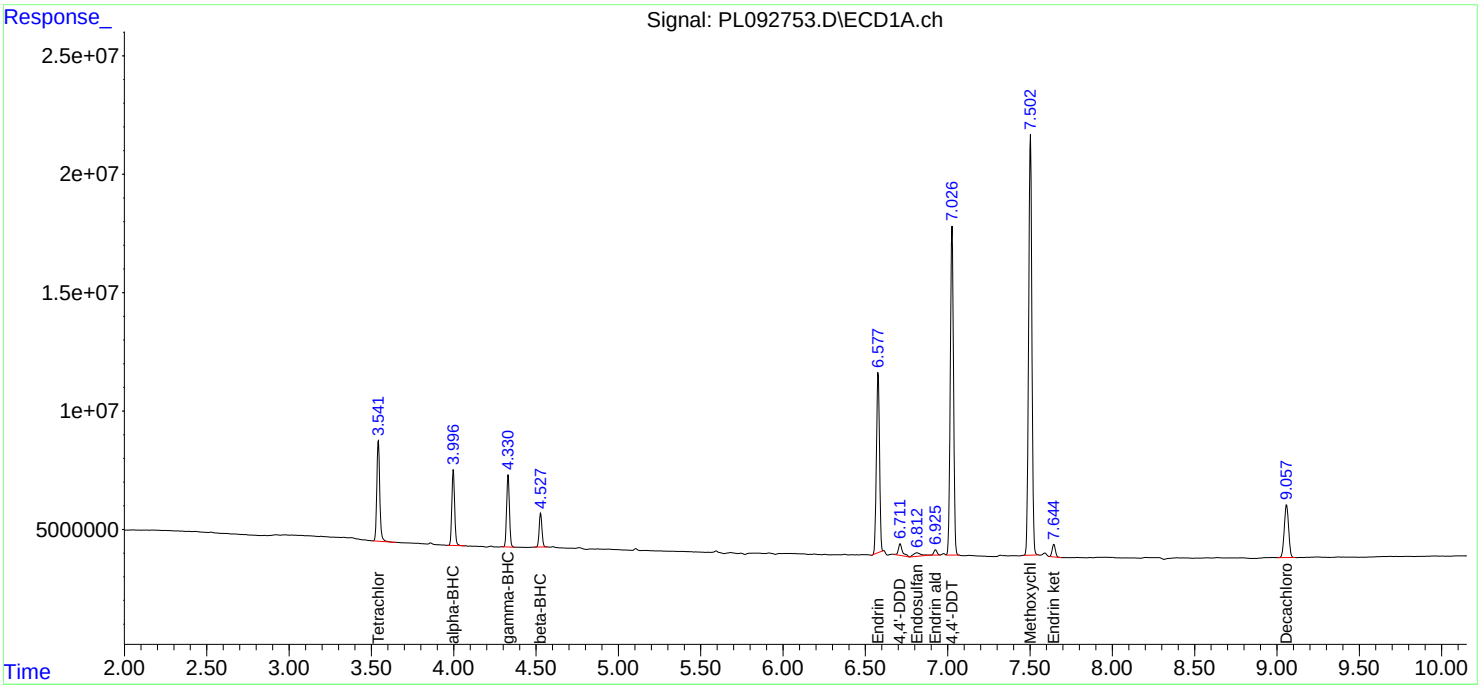
Quantitation Report (Not Reviewed)

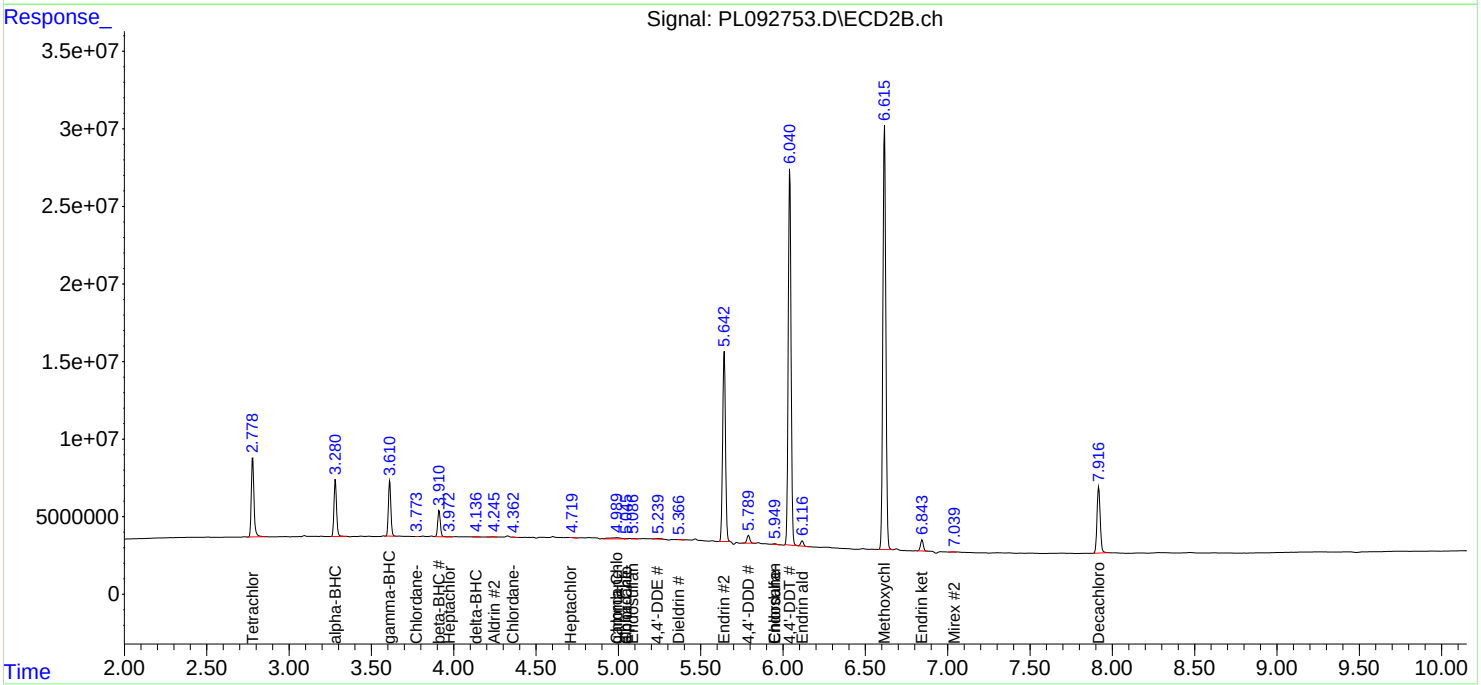
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103124\
Data File : PL092753.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2024 11:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

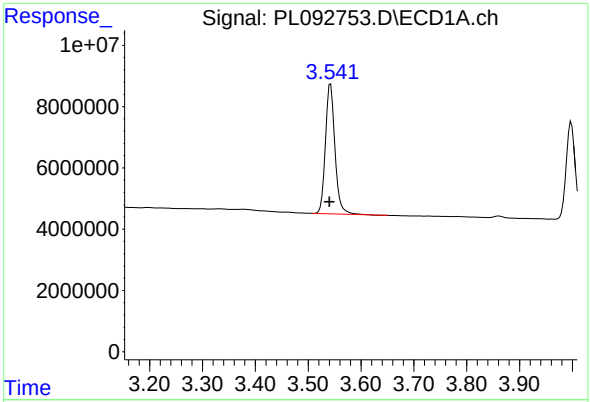
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 01:14:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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



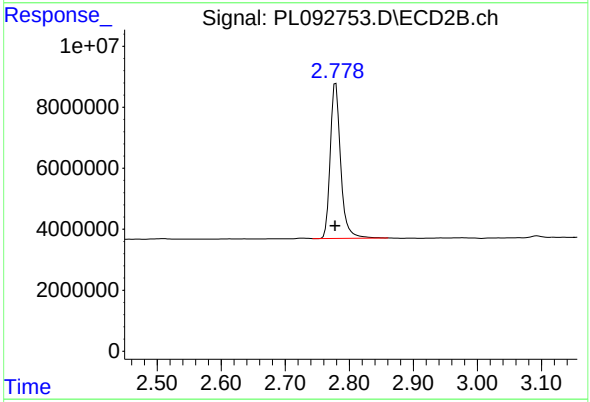




#1 Tetrachloro-m-xylene

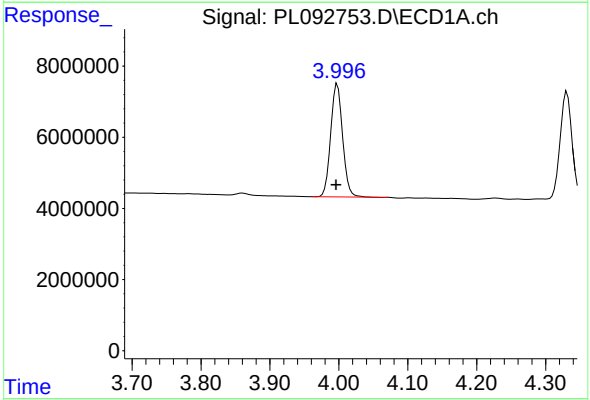
R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 52986235
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



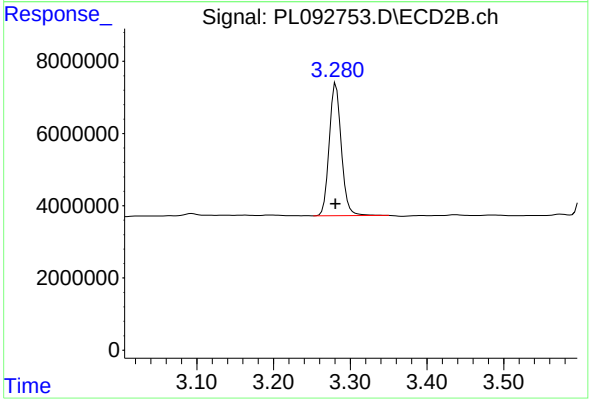
#1 Tetrachloro-m-xylene

R.T.: 2.779 min
Delta R.T.: 0.001 min
Response: 57365915
Conc: 21.08 ng/ml



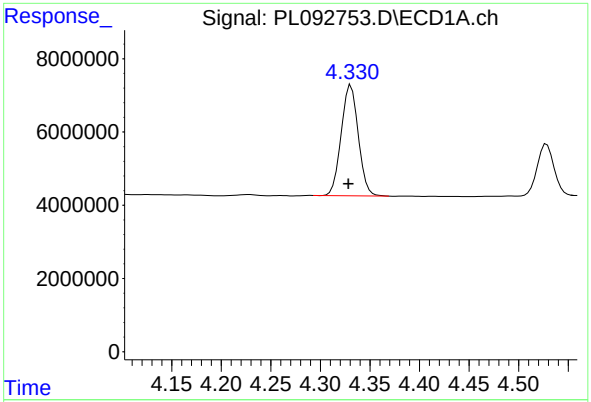
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 38128283
Conc: 11.24 ng/ml



#2 alpha-BHC

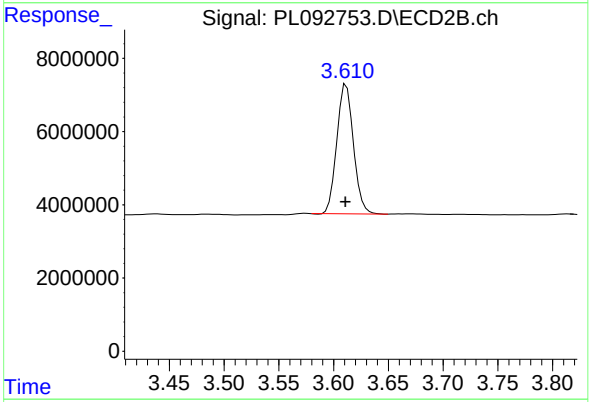
R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 40090506
Conc: 10.05 ng/ml



#3 gamma-BHC (Lindane)

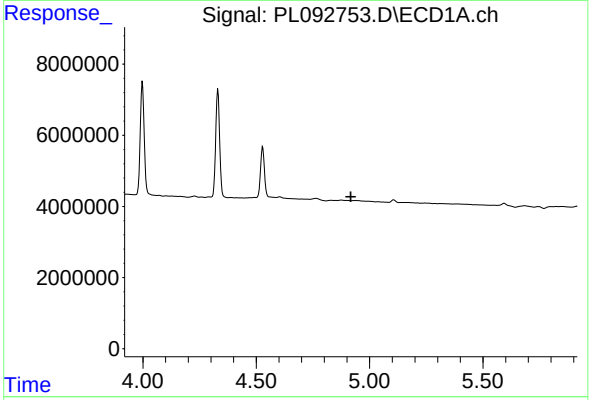
R.T.: 4.331 min
Delta R.T.: 0.003 min
Response: 36368917
Conc: 11.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



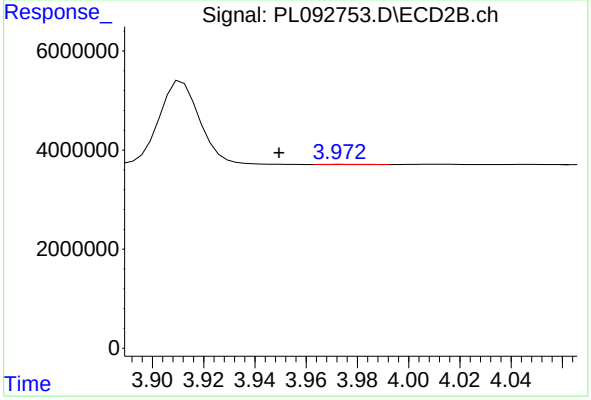
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 37396682
Conc: 9.69 ng/ml



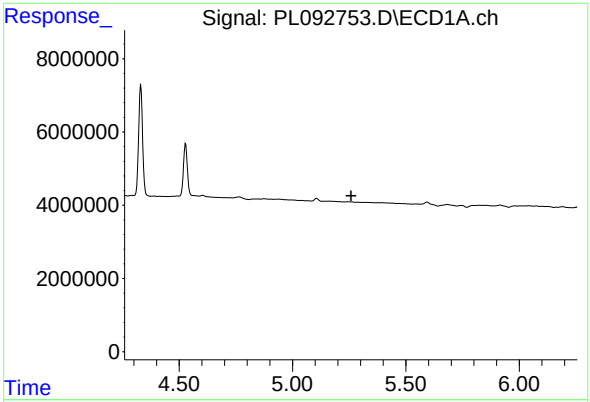
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.917 min
Response: 0
Conc: N.D.



#4 Heptachlor

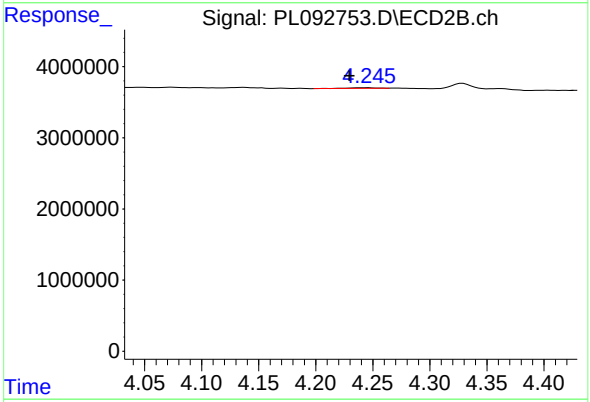
R.T.: 3.973 min
Delta R.T.: 0.024 min
Response: 38123
Conc: 0.01 ng/ml



#5 Aldrin

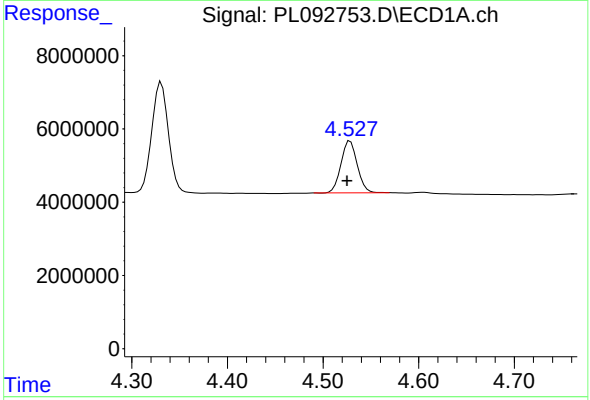
R.T.: 0.000 min
Exp R.T. : 5.258 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



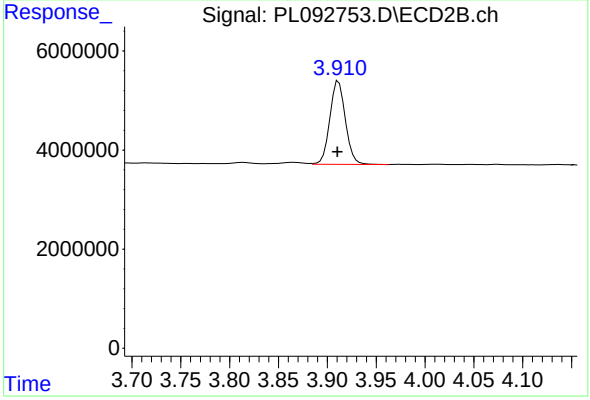
#5 Aldrin

R.T.: 4.245 min
Delta R.T.: 0.016 min
Response: 151425
Conc: 0.04 ng/ml



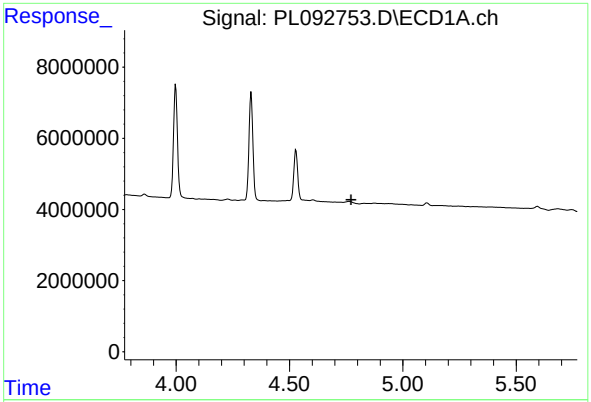
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 16843901
Conc: 11.65 ng/ml



#6 beta-BHC

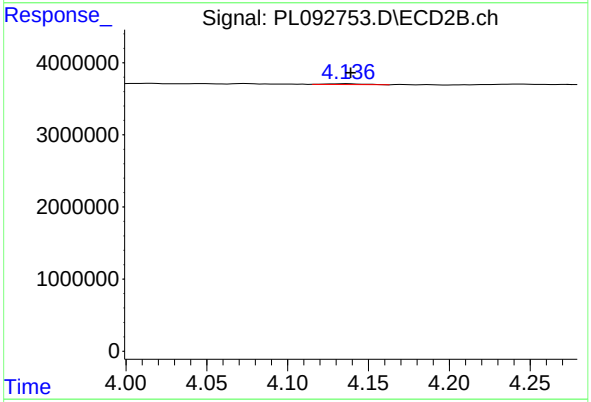
R.T.: 3.912 min
Delta R.T.: 0.001 min
Response: 18643771
Conc: 11.33 ng/ml



#7 delta-BHC

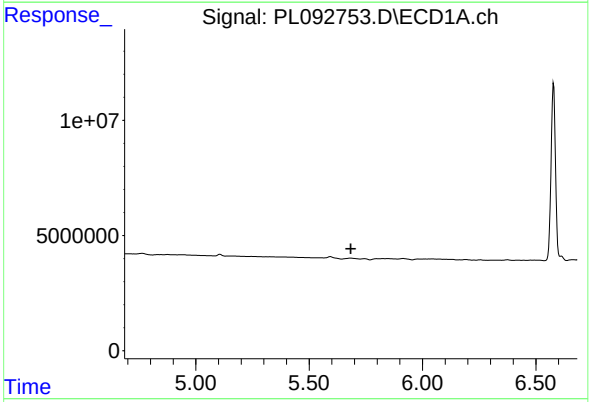
R.T.: 0.000 min
Exp R.T. : 4.772 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



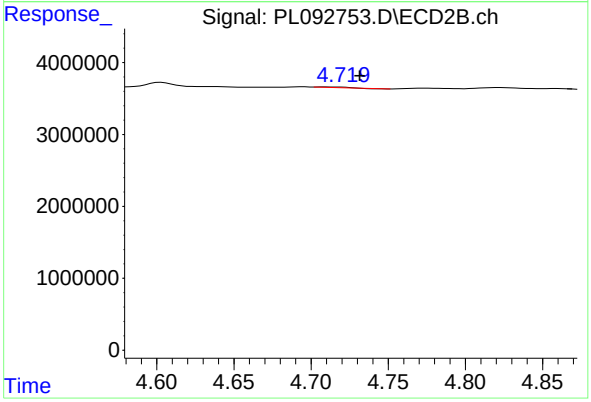
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 181653
Conc: 0.05 ng/ml



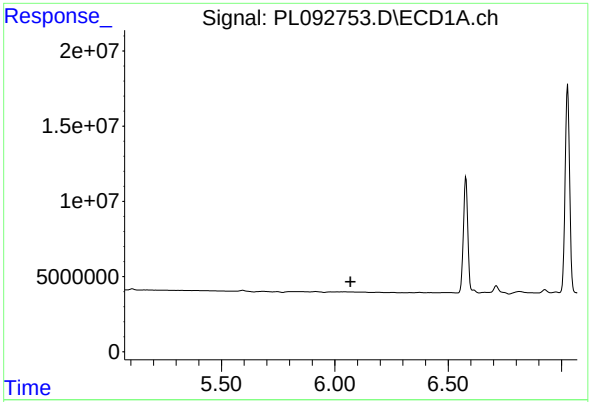
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

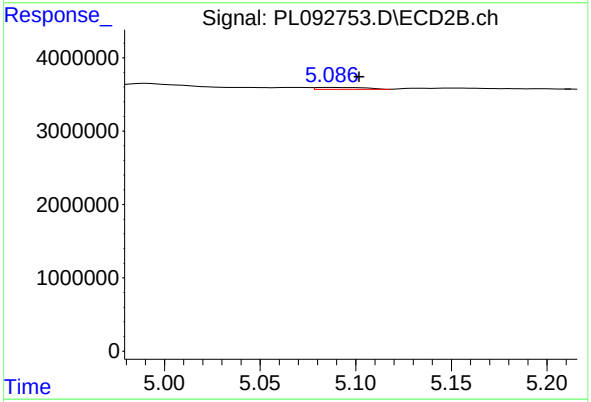
R.T.: 4.710 min
Delta R.T.: -0.022 min
Response: 76693
Conc: 0.02 ng/ml



#9 Endosulfan I

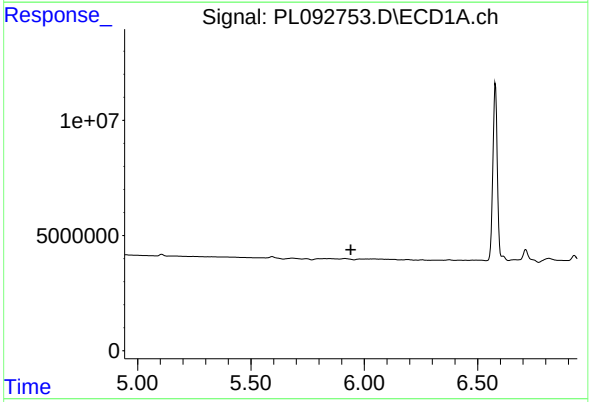
R.T.: 0.000 min
Exp R.T. : 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



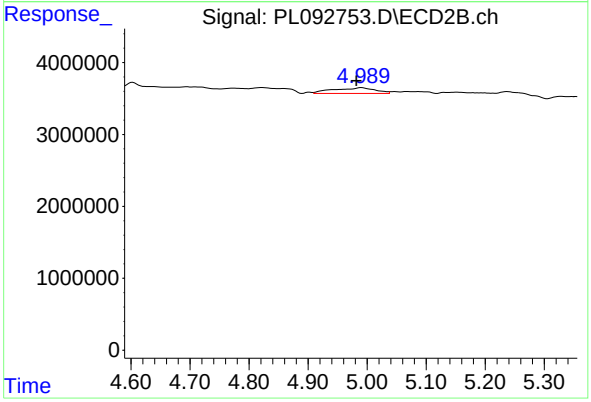
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.014 min
Response: 455865
Conc: 0.15 ng/ml



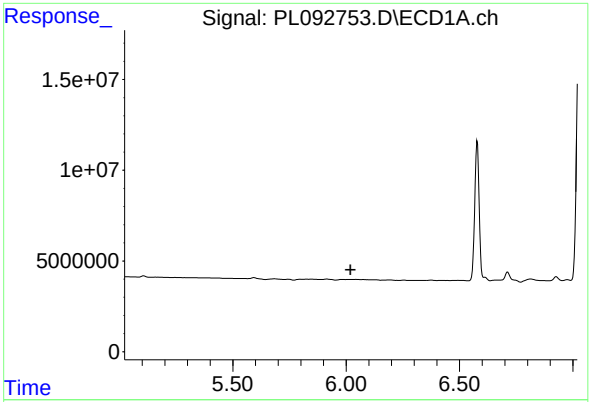
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

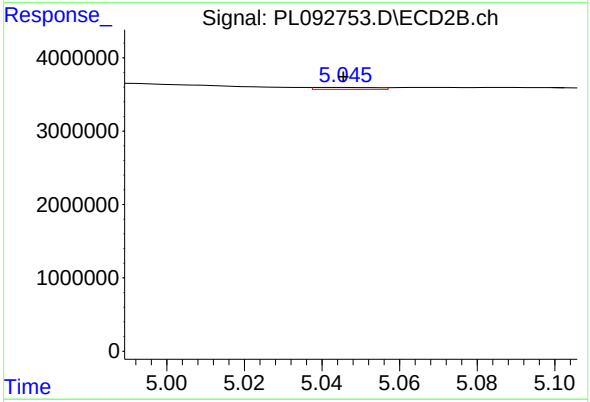
R.T.: 4.991 min
Delta R.T.: 0.009 min
Response: 3898591
Conc: 1.16 ng/ml



#11 alpha-Chlordane

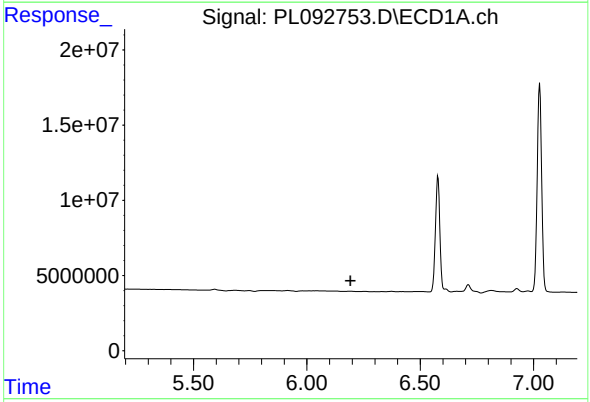
R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



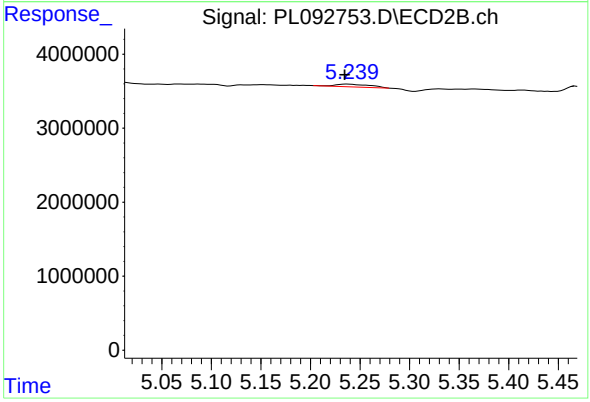
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.001 min
Response: 284240
Conc: 0.09 ng/ml



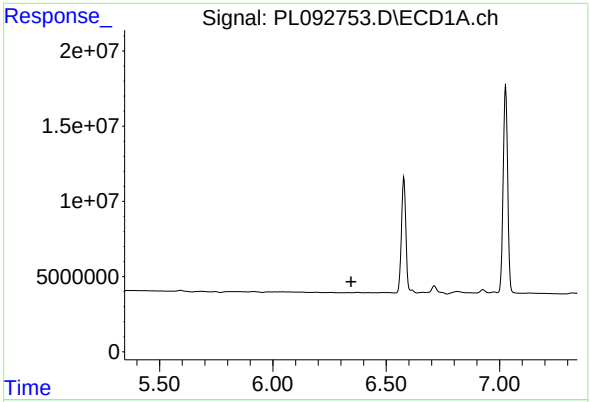
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.193 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

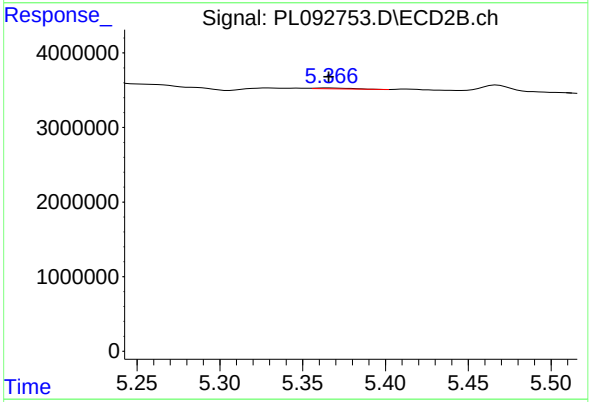
R.T.: 5.238 min
Delta R.T.: 0.004 min
Response: 849484
Conc: 0.26 ng/ml



#13 Dieldrin

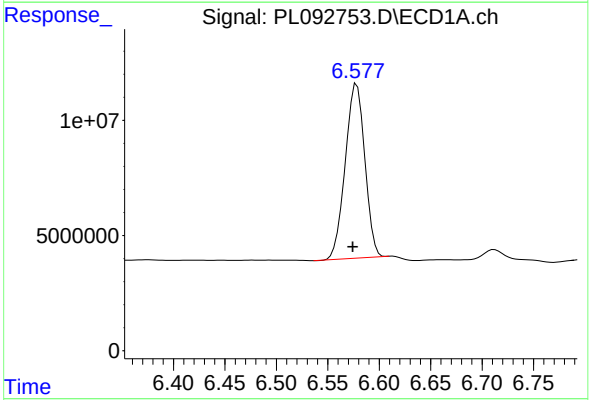
R.T.: 0.000 min
Exp R.T. : 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



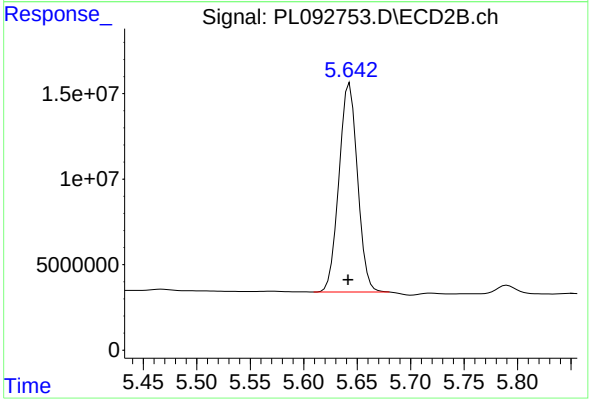
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 139952
Conc: 0.04 ng/ml



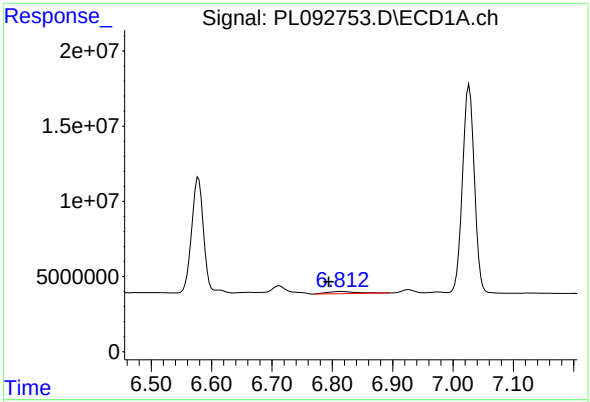
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.004 min
Response: 100382277
Conc: 44.09 ng/ml



#14 Endrin

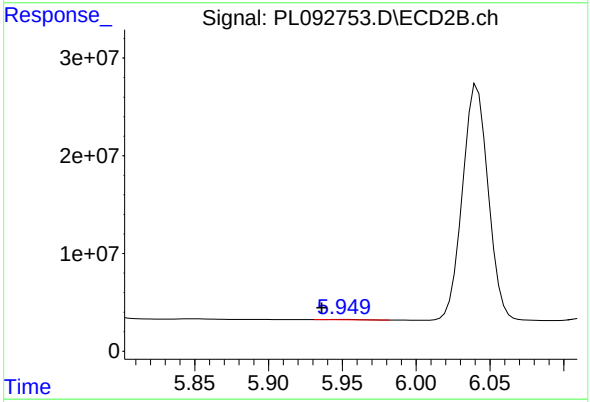
R.T.: 5.643 min
Delta R.T.: 0.002 min
Response: 147544457
Conc: 51.00 ng/ml



#15 Endosulfan II

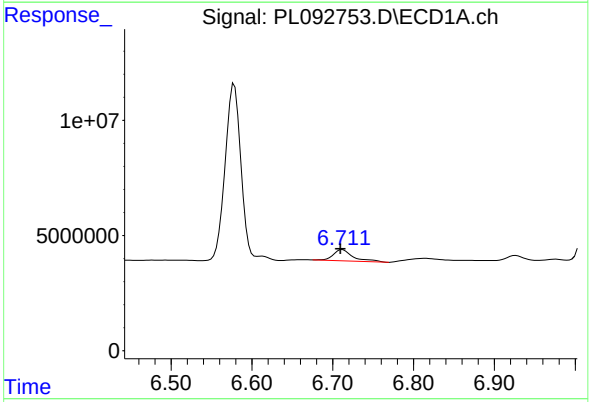
R.T.: 6.814 min
Delta R.T.: 0.020 min
Response: 4732793
Conc: 1.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



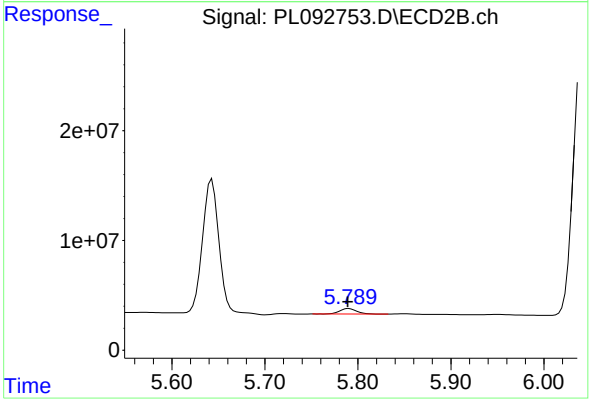
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.015 min
Response: 517572
Conc: 0.18 ng/ml



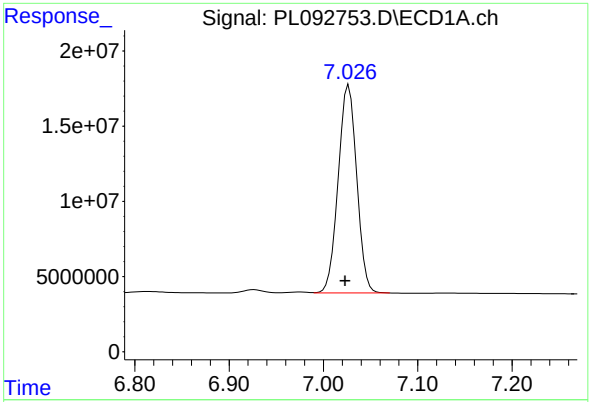
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 8317163
Conc: 4.33 ng/ml



#16 4,4'-DDD

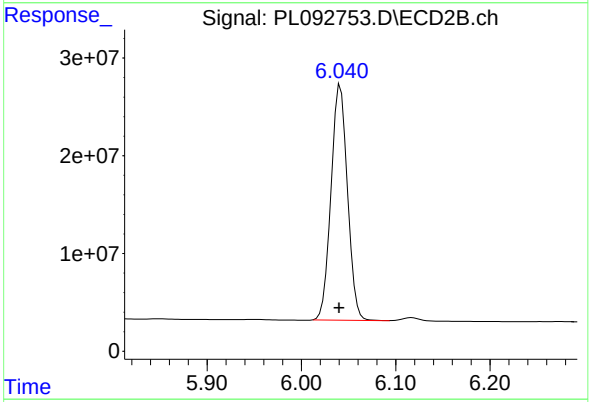
R.T.: 5.790 min
Delta R.T.: 0.001 min
Response: 6398875
Conc: 2.57 ng/ml



#17 4,4'-DDT

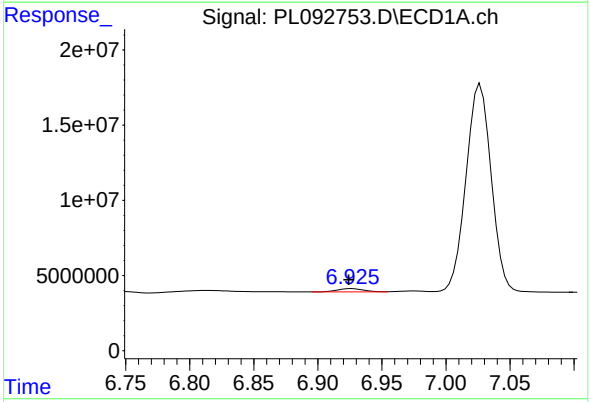
R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 188999822
Conc: 91.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



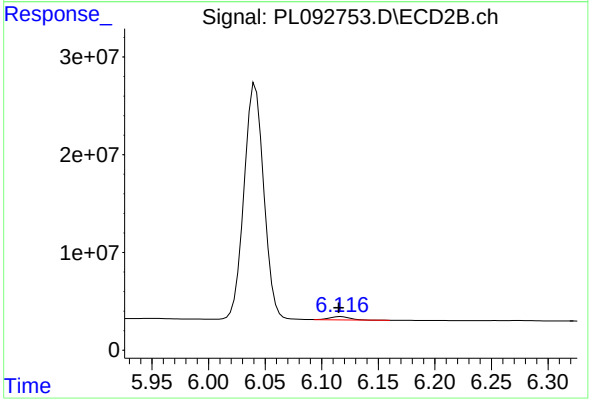
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.002 min
Response: 292009136
Conc: 108.87 ng/ml



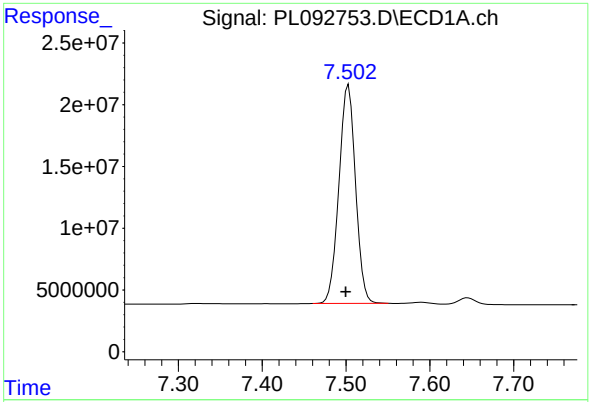
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 3044238
Conc: 1.62 ng/ml



#18 Endrin aldehyde

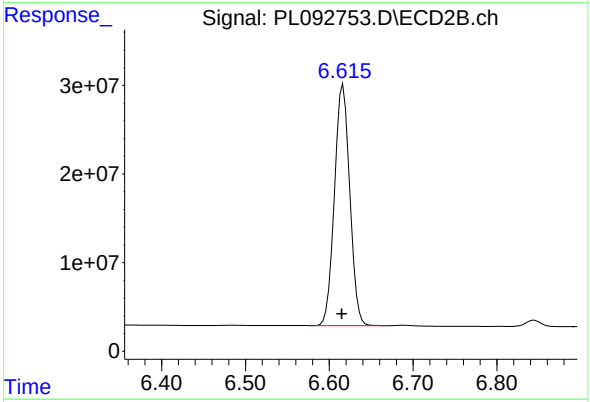
R.T.: 6.117 min
Delta R.T.: 0.002 min
Response: 3947376
Conc: 1.71 ng/ml



#20 Methoxychlor

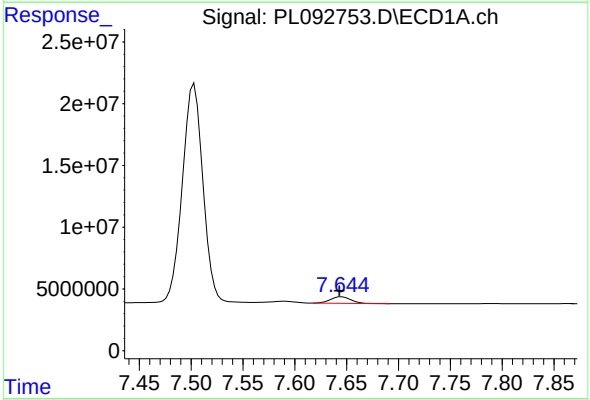
R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 243747565
Conc: 213.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



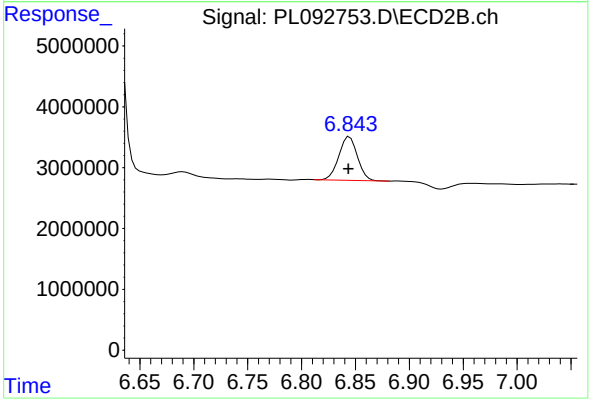
#20 Methoxychlor

R.T.: 6.617 min
Delta R.T.: 0.002 min
Response: 345337687
Conc: 241.83 ng/ml



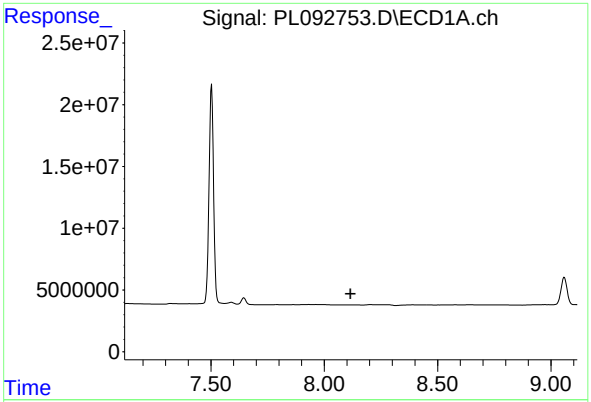
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 7147521
Conc: 2.95 ng/ml



#21 Endrin ketone

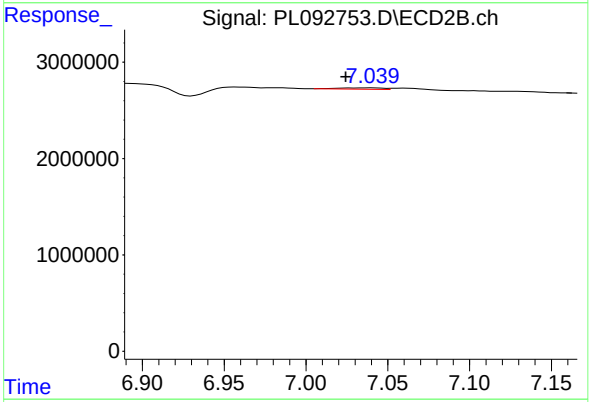
R.T.: 6.845 min
Delta R.T.: 0.001 min
Response: 8612271
Conc: 2.81 ng/ml



#22 Mirex

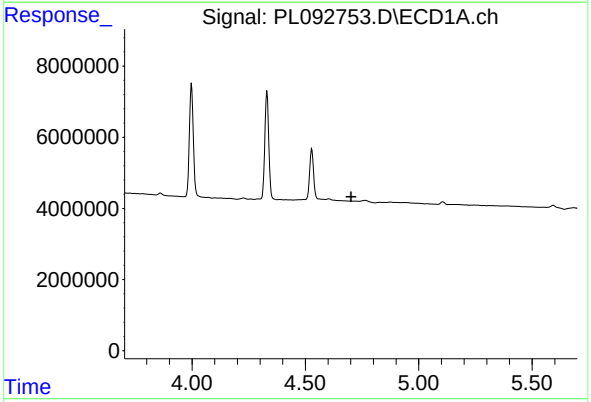
R.T.: 0.000 min
Exp R.T. : 8.116 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



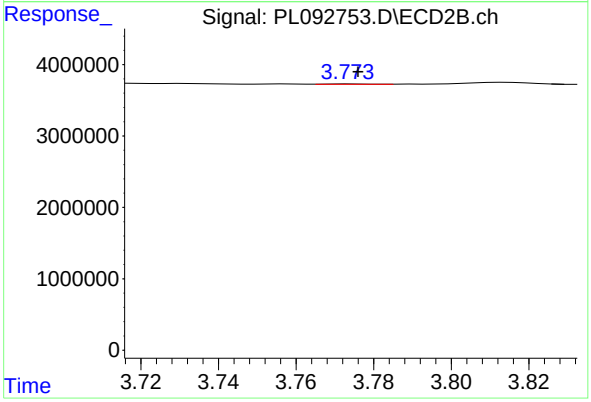
#22 Mirex

R.T.: 7.040 min
Delta R.T.: 0.015 min
Response: 276364
Conc: 0.11 ng/ml



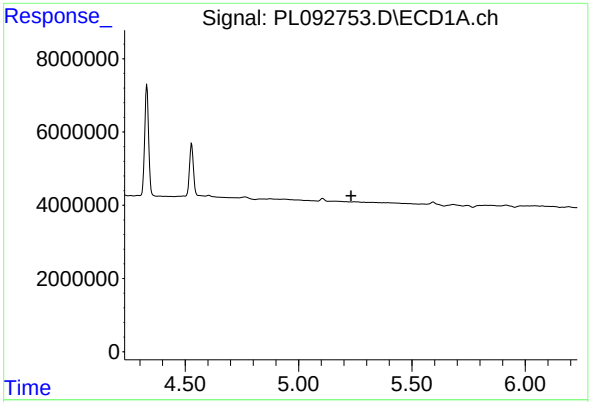
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.702 min
Response: 0
Conc: N.D.



#23 Chlordane-1

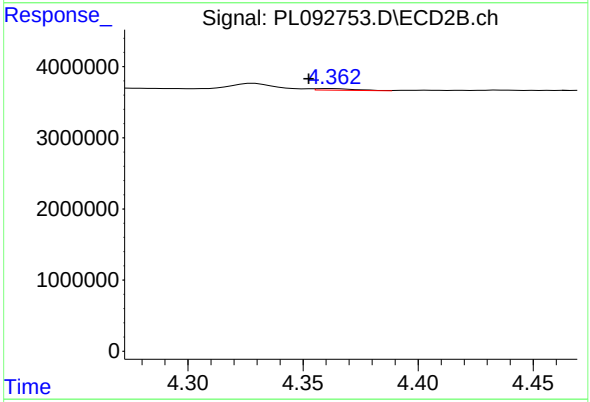
R.T.: 3.774 min
Delta R.T.: -0.002 min
Response: 38030
Conc: 0.36 ng/ml



#24 Chlordane-2

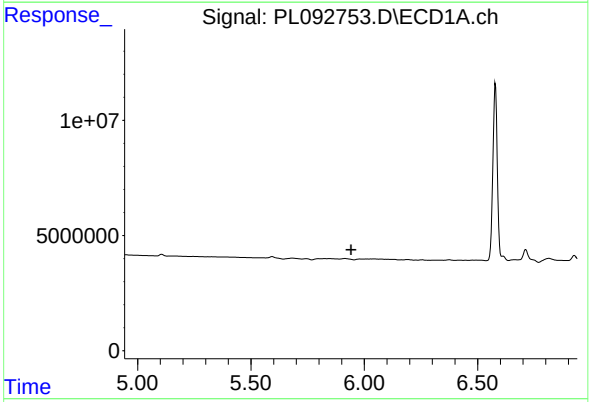
R.T.: 0.000 min
Exp R.T. : 5.231 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



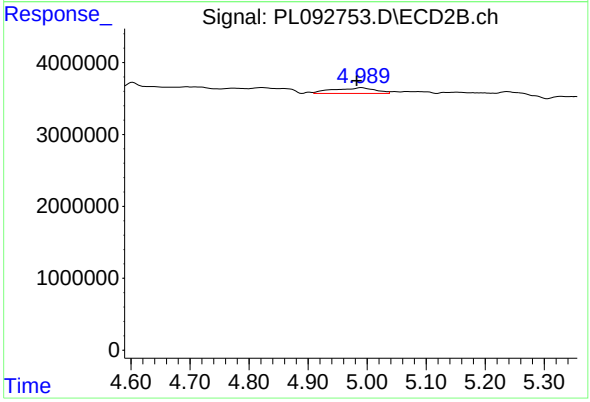
#24 Chlordane-2

R.T.: 4.362 min
Delta R.T.: 0.010 min
Response: 288001
Conc: 2.33 ng/ml



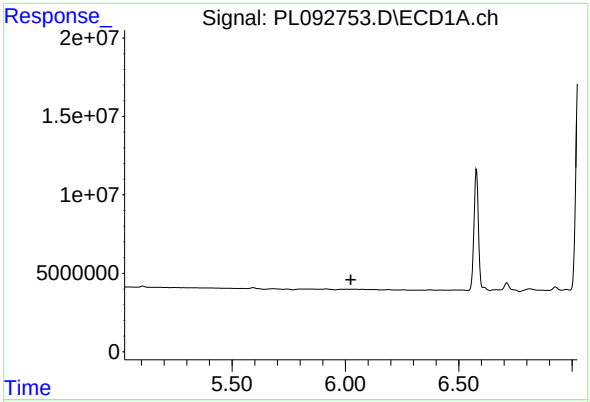
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 5.941 min
Response: 0
Conc: N.D.



#25 Chlordane-3

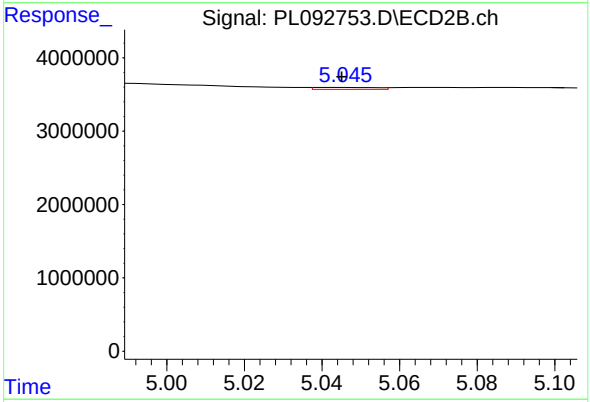
R.T.: 4.991 min
Delta R.T.: 0.008 min
Response: 3898591
Conc: 10.75 ng/ml



#26 Chlordane-4

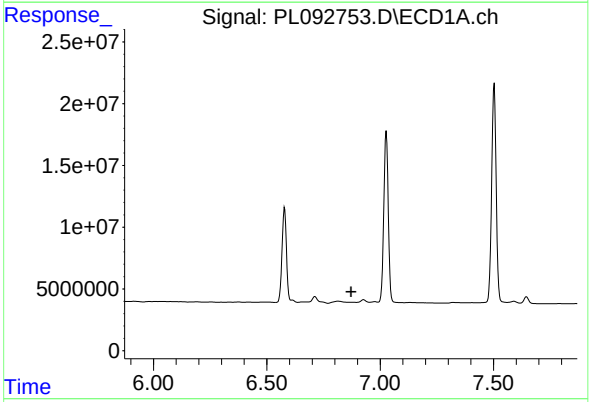
R.T.: 0.000 min
Exp R.T. : 6.023 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



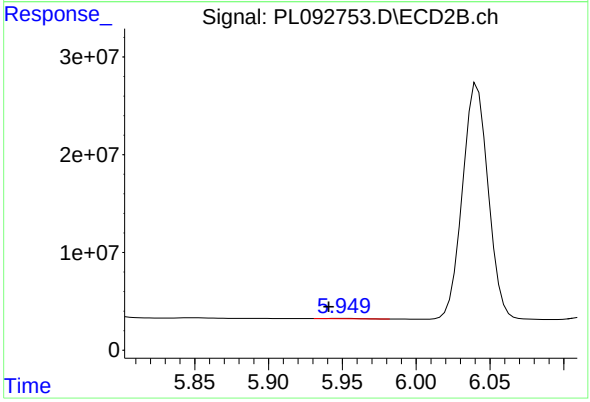
#26 Chlordane-4

R.T.: 5.047 min
Delta R.T.: 0.002 min
Response: 284240
Conc: 0.81 ng/ml



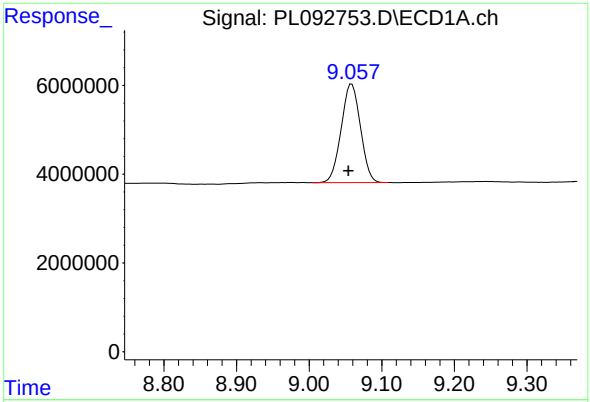
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.872 min
Response: 0
Conc: N.D.



#27 Chlordane-5

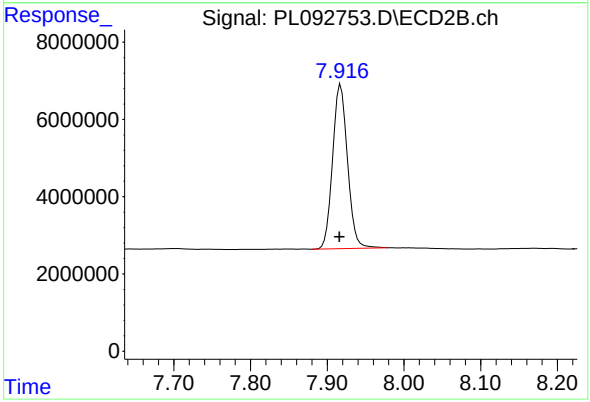
R.T.: 5.951 min
Delta R.T.: 0.010 min
Response: 517572
Conc: 4.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.005 min
Response: 40894018
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 57406805
Conc: 21.03 ng/ml