

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020525\
 Data File : PL094054.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2025 09:18
 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: Feb 05 12:15:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.539	2.774	57490398	68492910	21.350	20.983
28)	SA Decachlor...	9.053	7.908	39818683	66070667	19.035	18.855
Target Compounds							
2)	A alpha-BHC	3.995	3.276	42231484	49226096	11.015	10.069
3)	MA gamma-BHC...	4.327	3.606	38782641	45986991	10.531	9.699
5)	MB Aldrin	0.000	4.239	0	122803	N.D.	0.027 #
6)	B beta-BHC	4.525	3.907	18591307	22435034	11.567	11.232
7)	B delta-BHC	0.000	4.131	0	196589	N.D.	0.041 #
8)	B Heptachlo...	0.000	4.733	0	86658	N.D.	0.021 #
9)	A Endosulfan I	0.000	5.090	0	139356	N.D.	0.036 #
10)	B gamma-Chl...	5.912f	4.984	4079108	8606877	1.463	2.031 #
11)	B alpha-Chl...	0.000	5.065f	0	969450	N.D.	0.232 #
12)	B 4,4'-DDE	0.000	5.229	0	1143040	N.D.	0.285 #
13)	MA Dieldrin	6.370f	5.369	2167848	-15939	0.781	N.D. #
14)	MA Endrin	6.573	5.636	100.5E6	179.4E6	42.861	48.593
15)	B Endosulfa...	6.812f	5.943	2591184	1783513	1.075	0.482 #
16)	A 4,4'-DDD	6.709	5.784	12838464	18260437	6.755	5.785
17)	MA 4,4'-DDT	7.023	6.034	167.4E6	319.6E6	84.895	98.217
18)	B Endrin al...	6.923	6.110	3878445	7614918	1.995	2.501 #
19)	B Endosulfa...	0.000	6.315f	0	425984	N.D.	0.119 #
20)	A Methoxychlor	7.499	6.609	207.5E6	380.7E6	198.827	212.897
21)	B Endrin ke...	7.642	6.837	9214680	15443960	3.653	3.681
22)	Mirex	0.000	7.032	0	111291	N.D.	0.033 #
23)	Chlordane-1	0.000	3.773	0	18367	N.D.	0.147 #
24)	Chlordane-2	0.000	4.360	0	297025	N.D.	2.024 #
25)	Chlordane-3	5.912f	4.984	4079108	8606877	10.399	19.794 #
26)	Chlordane-4	0.000	5.065f	0	969450	N.D.	2.288 #
27)	Chlordane-5	0.000	5.943	0	1783513	N.D.	11.645 #

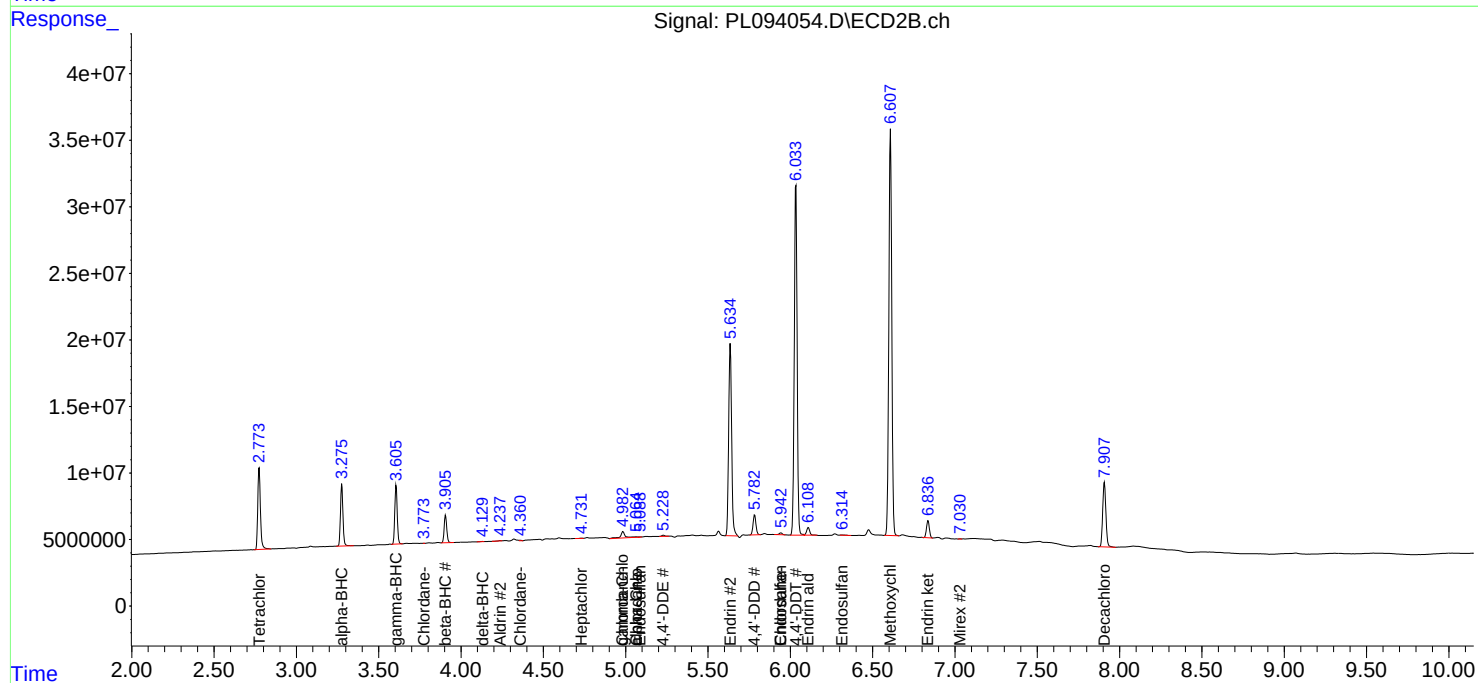
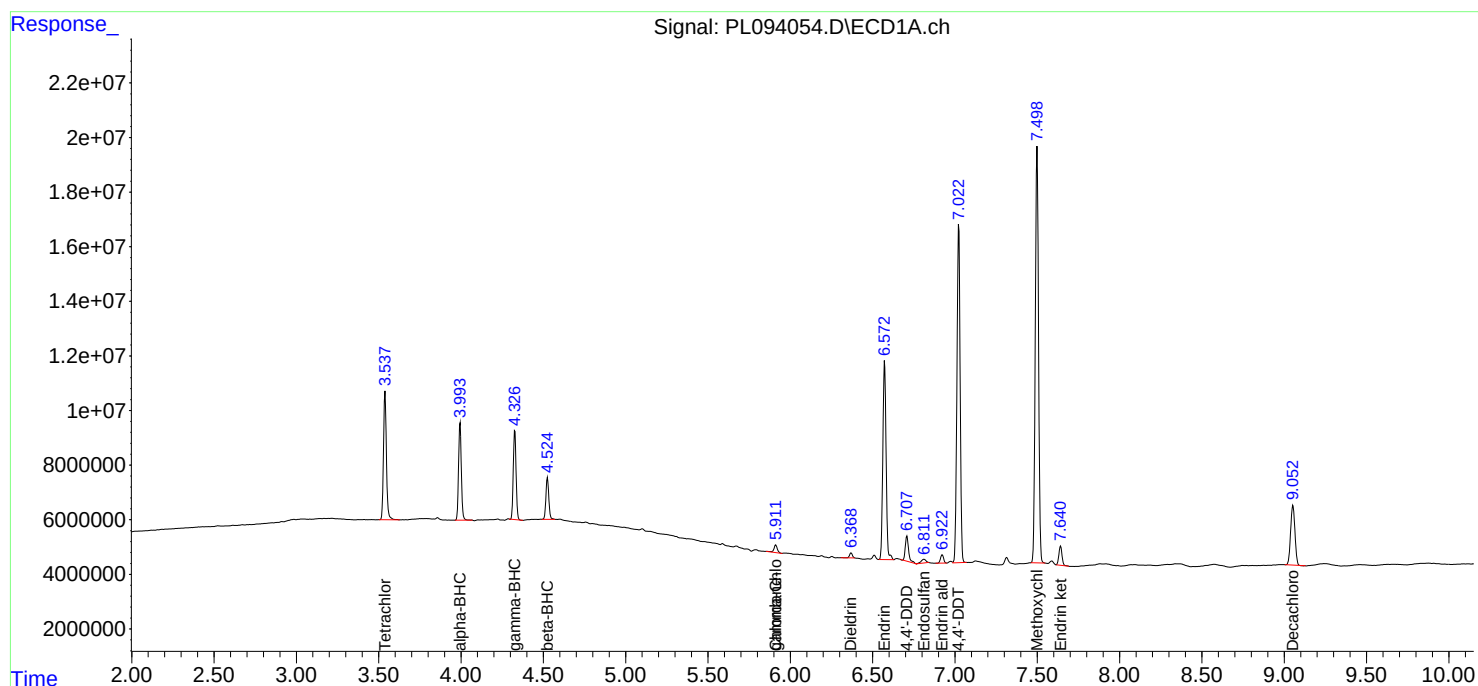
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

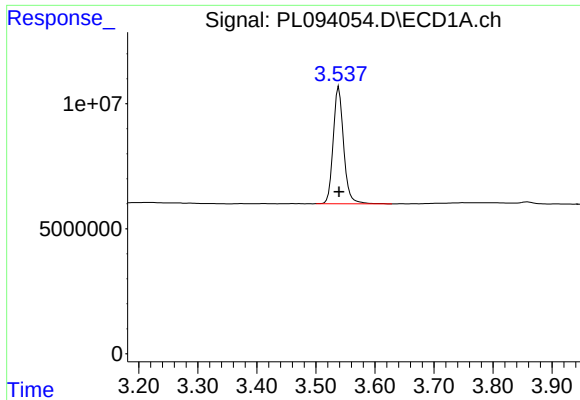
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020525\
Data File : PL094054.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2025 09:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 05 12:15:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

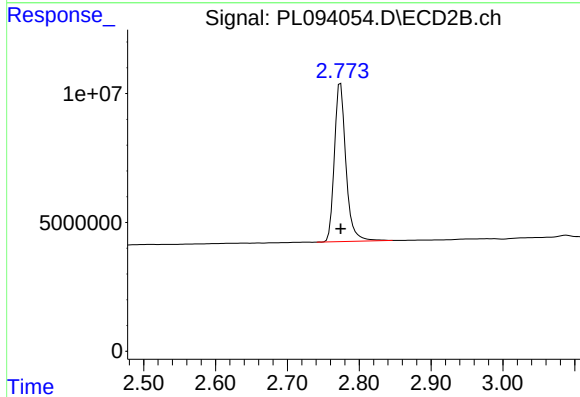




#1 Tetrachloro-m-xylene

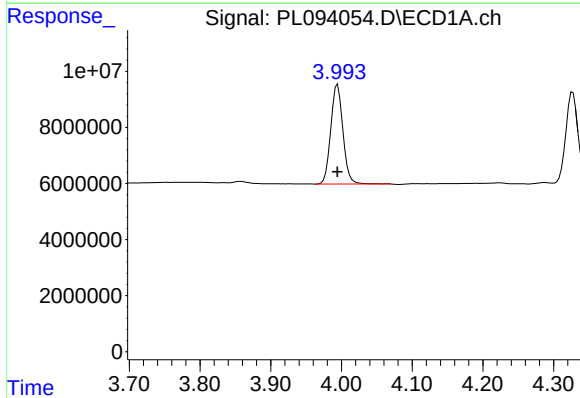
R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 57490398
Conc: 21.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



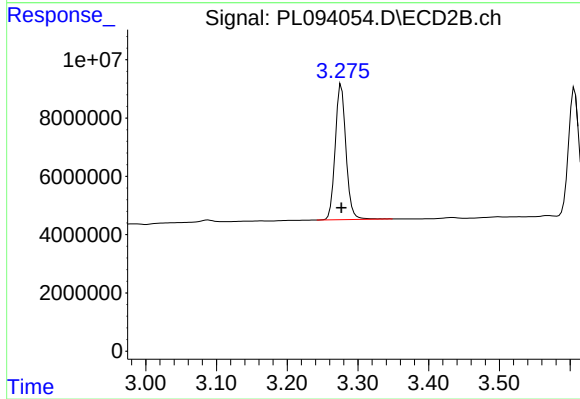
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 68492910
Conc: 20.98 ng/ml



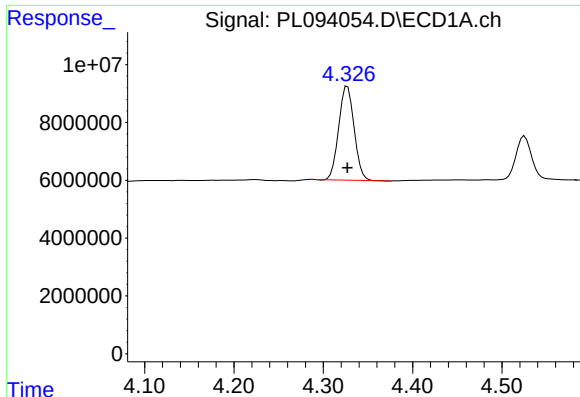
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 42231484
Conc: 11.02 ng/ml



#2 alpha-BHC

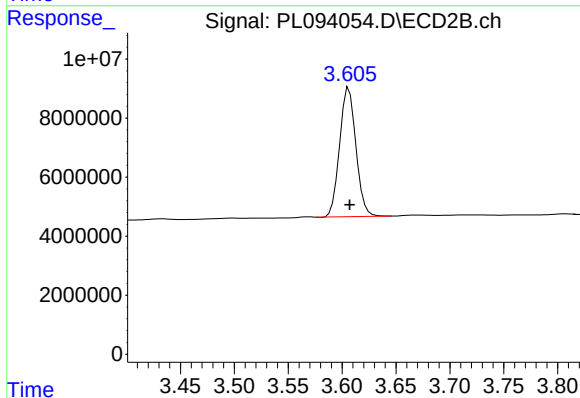
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 49226096
Conc: 10.07 ng/ml



#3 gamma-BHC (Lindane)

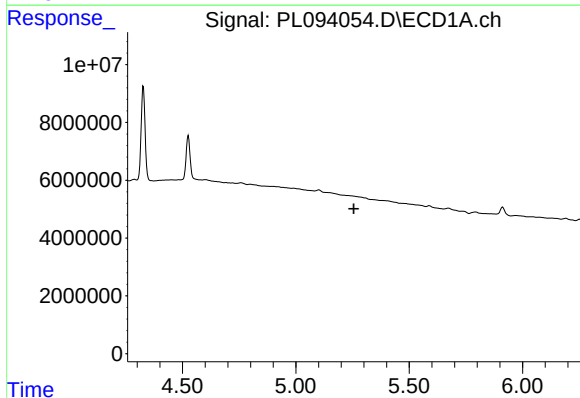
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 38782641
Conc: 10.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



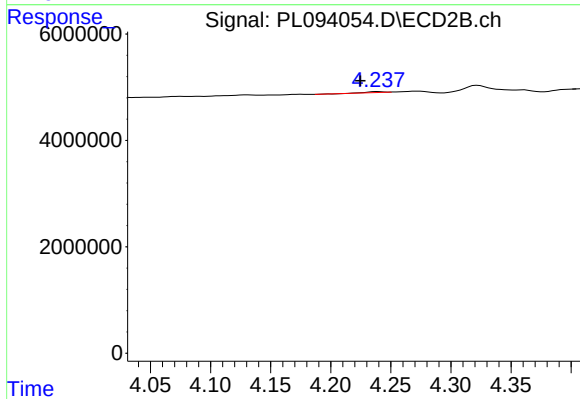
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 45986991
Conc: 9.70 ng/ml



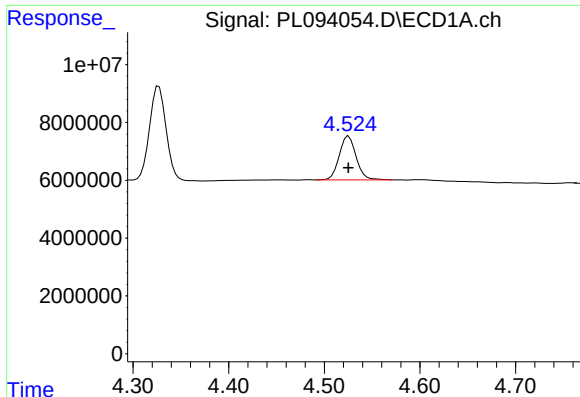
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



#5 Aldrin

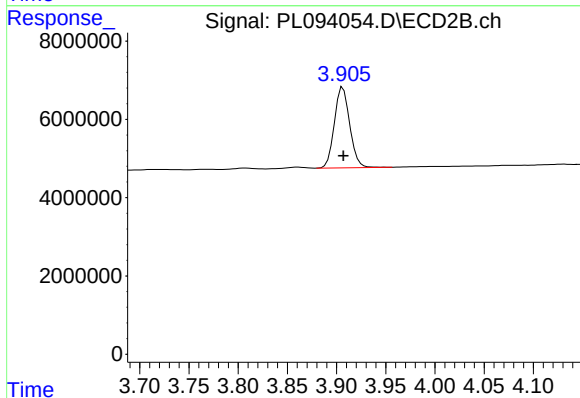
R.T.: 4.239 min
Delta R.T.: 0.014 min
Response: 122803
Conc: 0.03 ng/ml



#6 beta-BHC

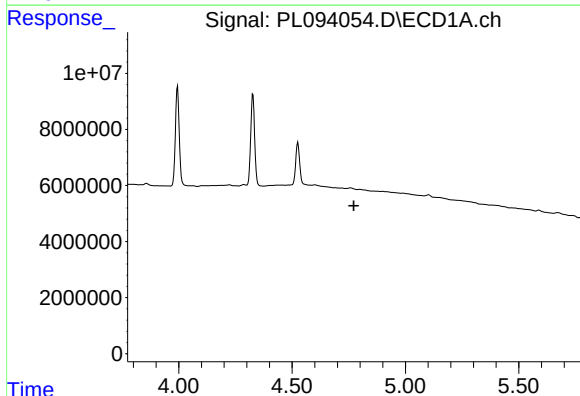
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 18591307
Conc: 11.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



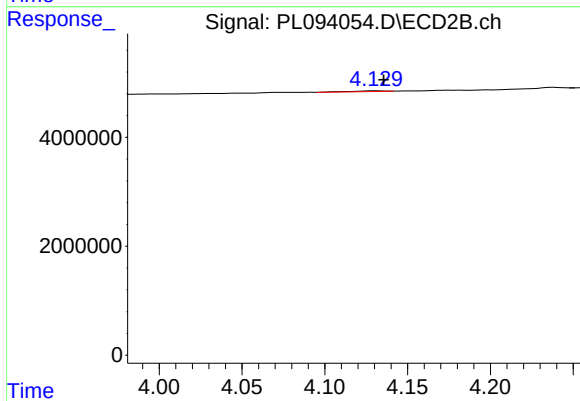
#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 22435034
Conc: 11.23 ng/ml



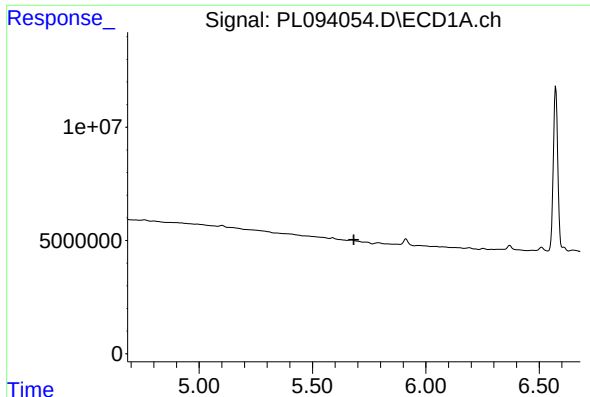
#7 delta-BHC

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



#7 delta-BHC

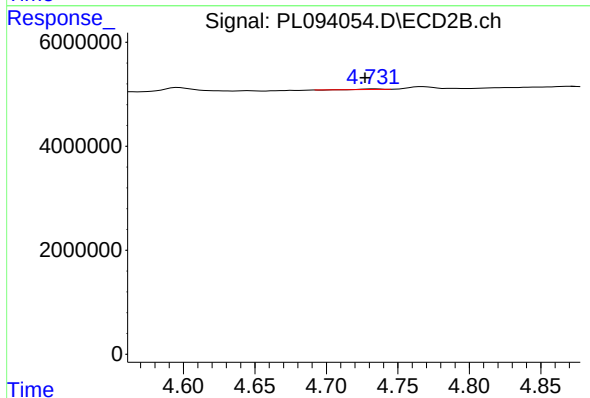
R.T.: 4.131 min
Delta R.T.: -0.005 min
Response: 196589
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

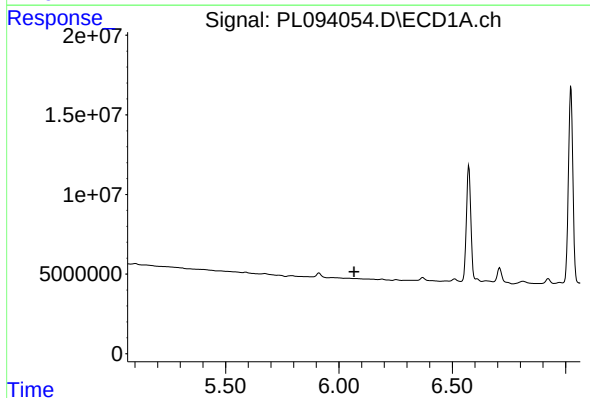
R.T.: 0.000 min
Exp R.T.: 5.682 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



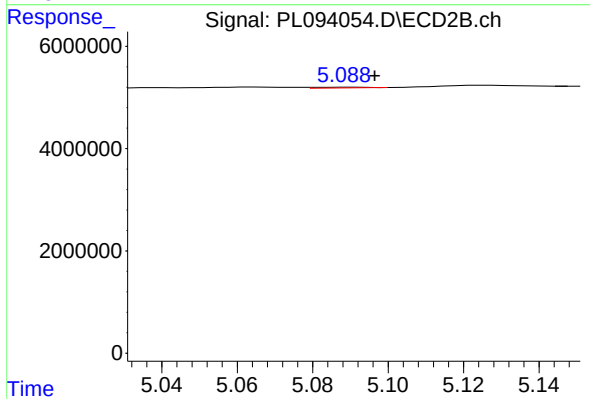
#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.006 min
Response: 86658
Conc: 0.02 ng/ml



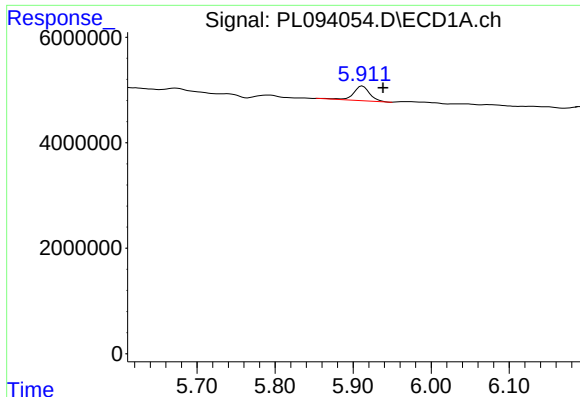
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 6.067 min
Response: 0
Conc: N.D.



#9 Endosulfan I

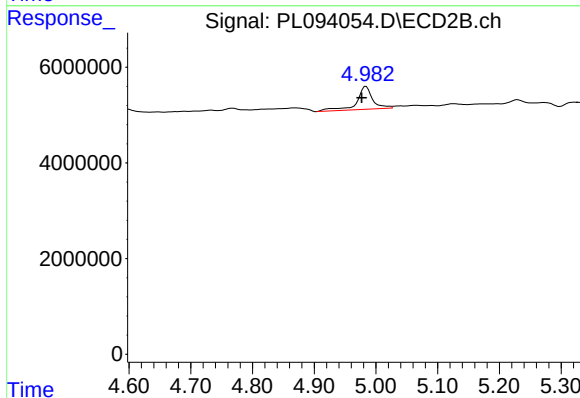
R.T.: 5.090 min
Delta R.T.: -0.006 min
Response: 139356
Conc: 0.04 ng/ml



#10 gamma-Chlordane

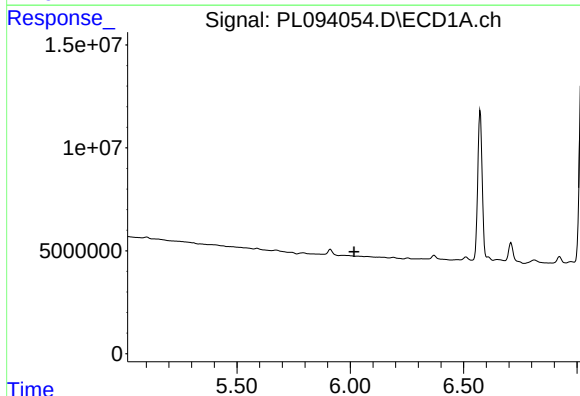
R.T.: 5.912 min
Delta R.T.: -0.026 min
Response: 4079108
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



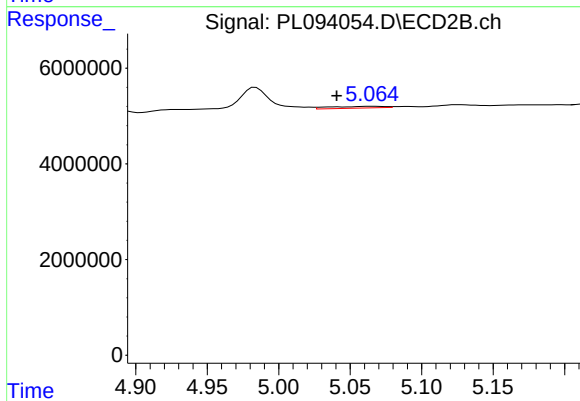
#10 gamma-Chlordane

R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 8606877
Conc: 2.03 ng/ml



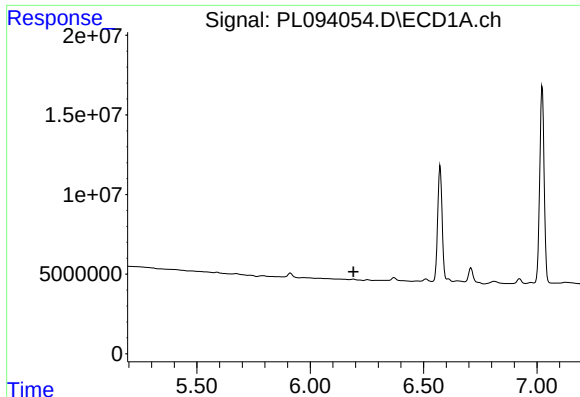
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 6.017 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

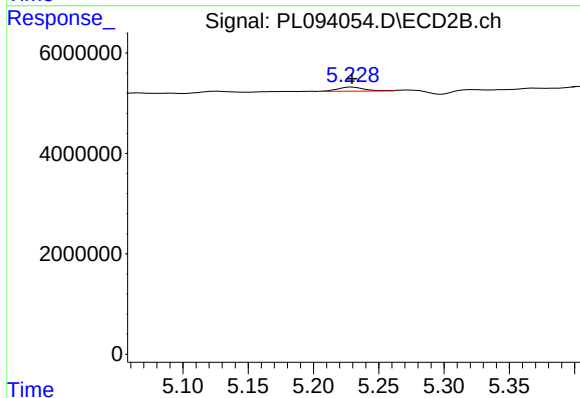
R.T.: 5.065 min
Delta R.T.: 0.024 min
Response: 969450
Conc: 0.23 ng/ml



#12 4,4'-DDE

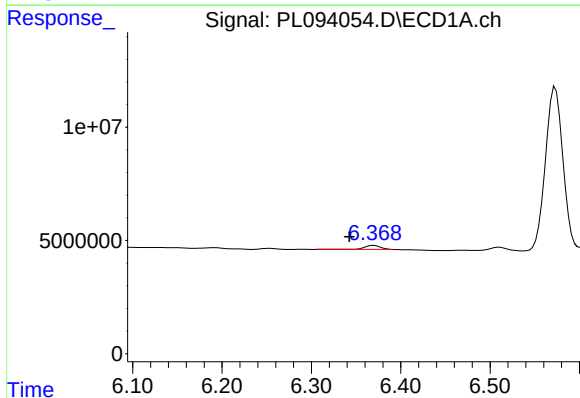
R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



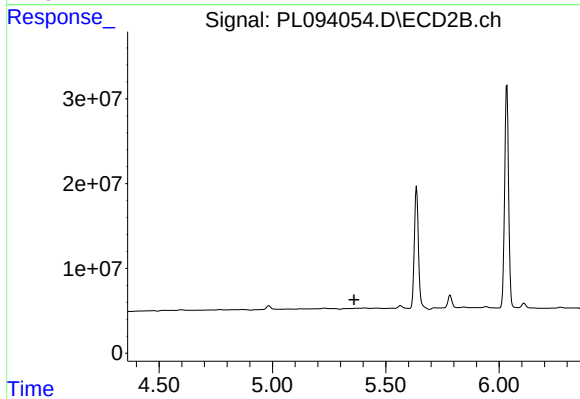
#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 1143040
Conc: 0.29 ng/ml



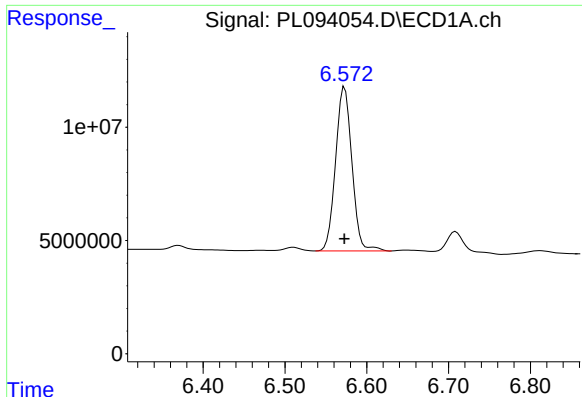
#13 Dieldrin

R.T.: 6.370 min
Delta R.T.: 0.027 min
Response: 2167848
Conc: 0.78 ng/ml



#13 Dieldrin

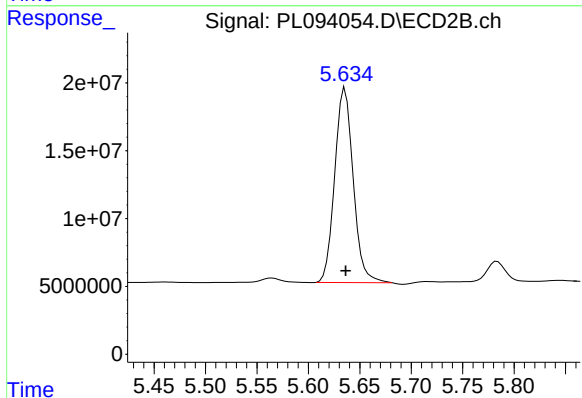
R.T.: 5.369 min
Delta R.T.: 0.008 min
Response: -15939
Conc: N.D.



#14 Endrin

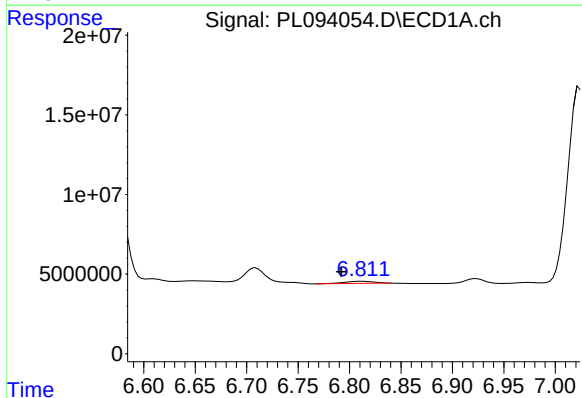
R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 100500108
Conc: 42.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



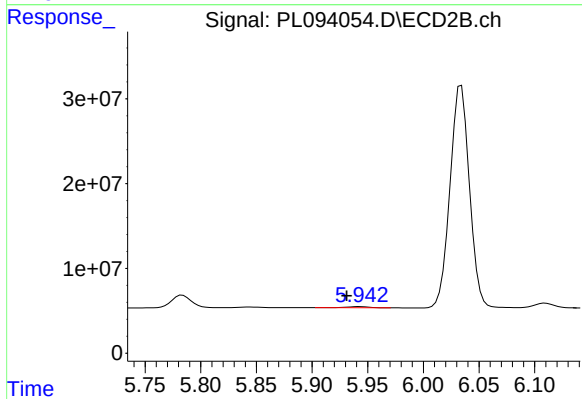
#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 179438973
Conc: 48.59 ng/ml



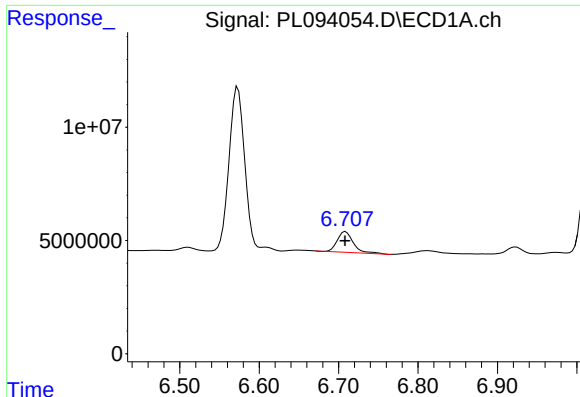
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: 0.020 min
Response: 2591184
Conc: 1.08 ng/ml



#15 Endosulfan II

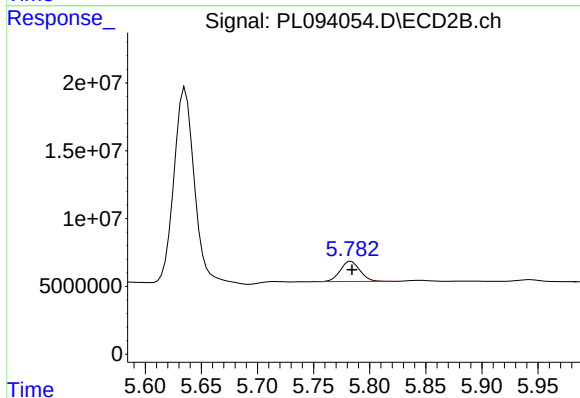
R.T.: 5.943 min
Delta R.T.: 0.012 min
Response: 1783513
Conc: 0.48 ng/ml



#16 4,4'-DDD

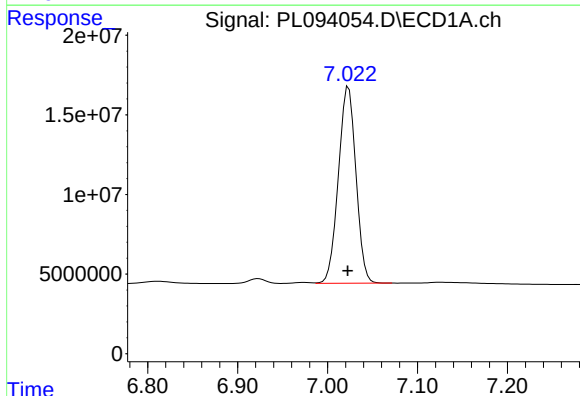
R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 12838464
Conc: 6.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



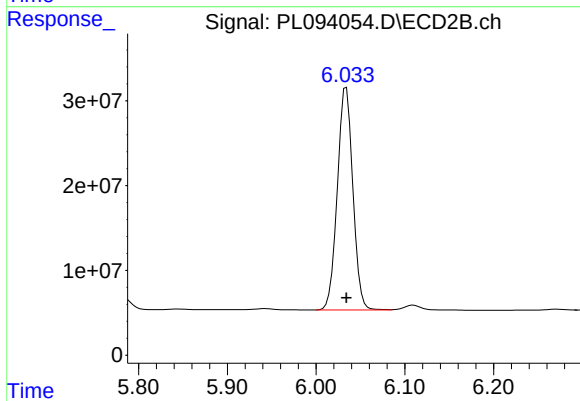
#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 18260437
Conc: 5.78 ng/ml



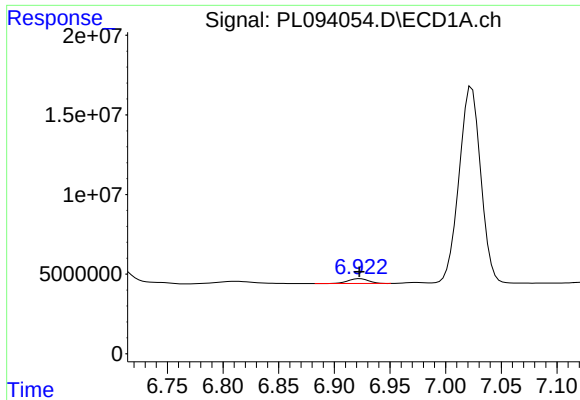
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 167418676
Conc: 84.90 ng/ml



#17 4,4'-DDT

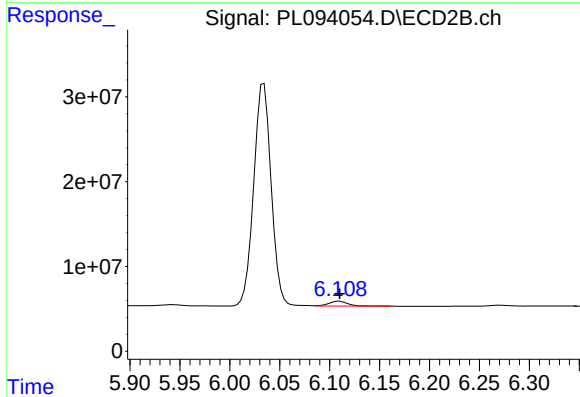
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 319601365
Conc: 98.22 ng/ml



#18 Endrin aldehyde

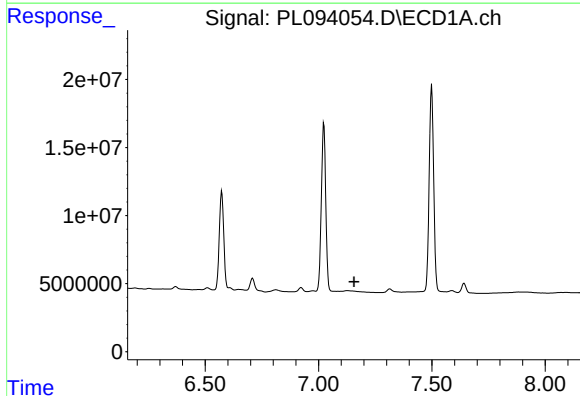
R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 3878445
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



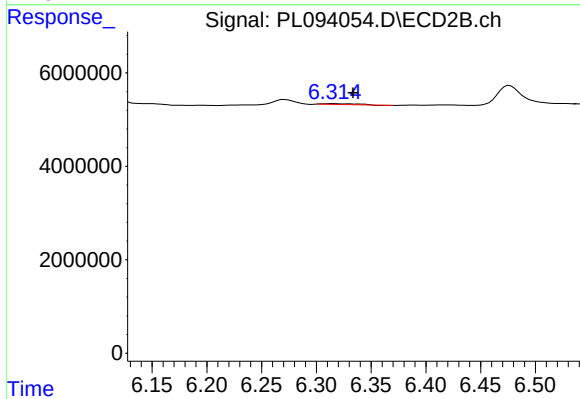
#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 7614918
Conc: 2.50 ng/ml



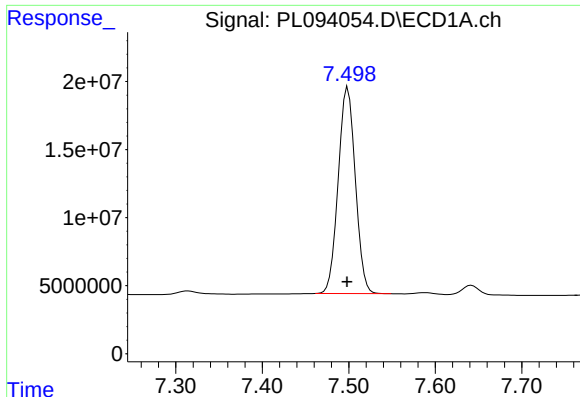
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.157 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

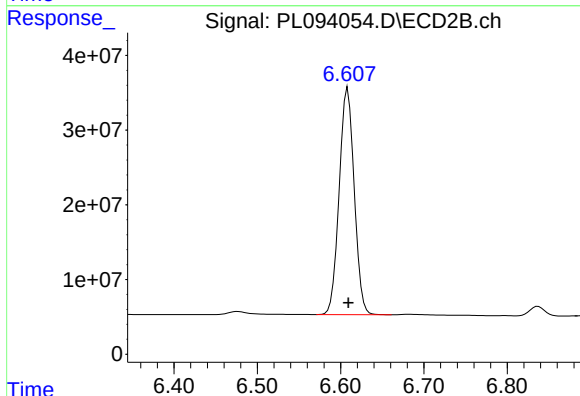
R.T.: 6.315 min
Delta R.T.: -0.019 min
Response: 425984
Conc: 0.12 ng/ml



#20 Methoxychlor

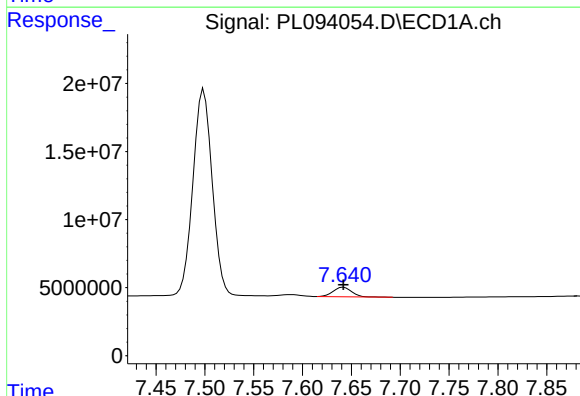
R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 207455932
Conc: 198.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



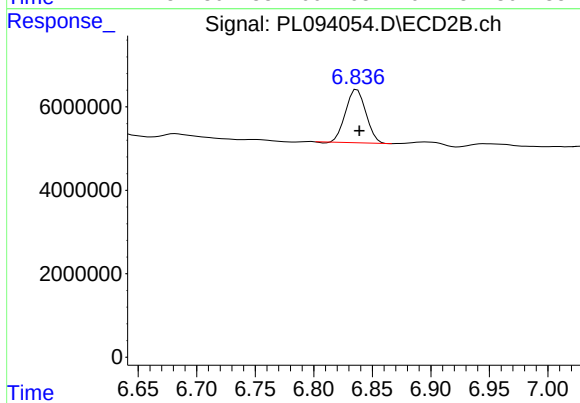
#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 380689395
Conc: 212.90 ng/ml



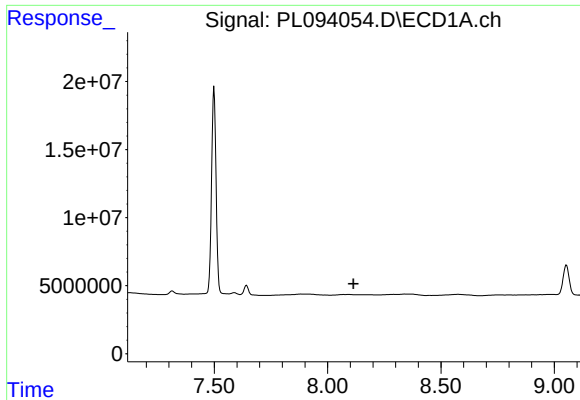
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 9214680
Conc: 3.65 ng/ml



#21 Endrin ketone

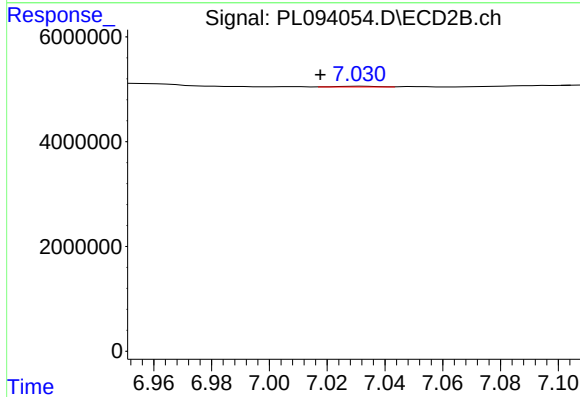
R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 15443960
Conc: 3.68 ng/ml



#22 Mirex

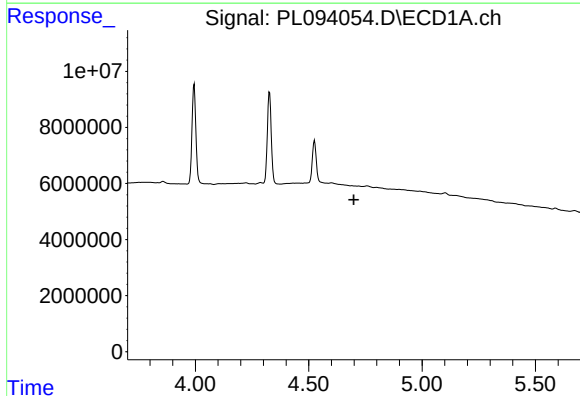
R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



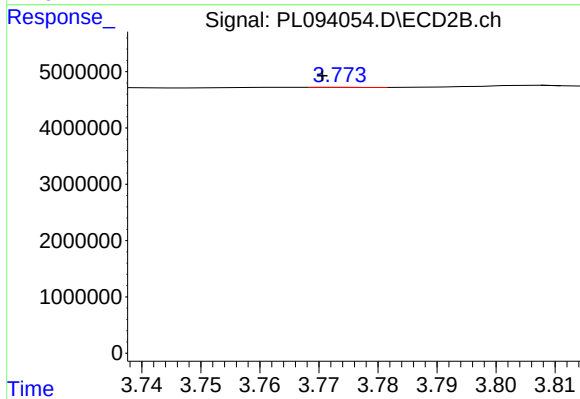
#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.014 min
Response: 111291
Conc: 0.03 ng/ml



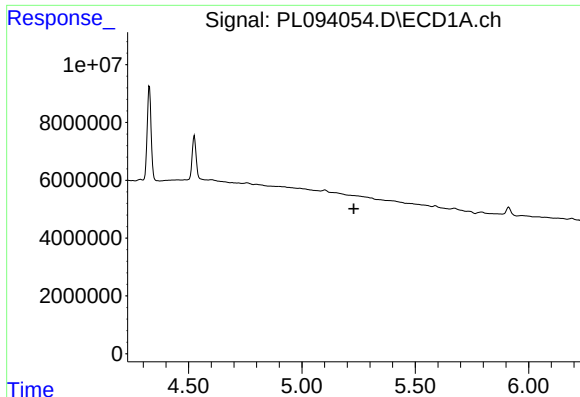
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.700 min
Response: 0
Conc: N.D.



#23 Chlordane-1

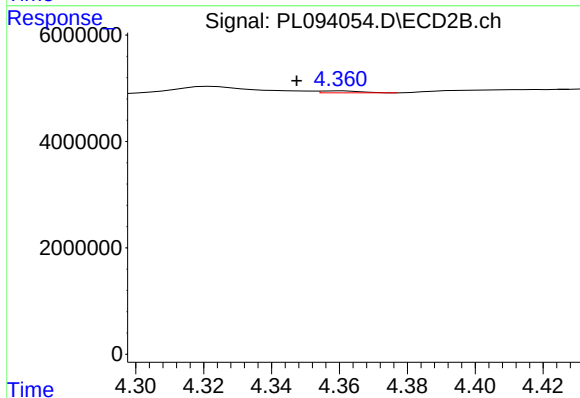
R.T.: 3.773 min
Delta R.T.: 0.003 min
Response: 18367
Conc: 0.15 ng/ml



#24 Chlordane-2

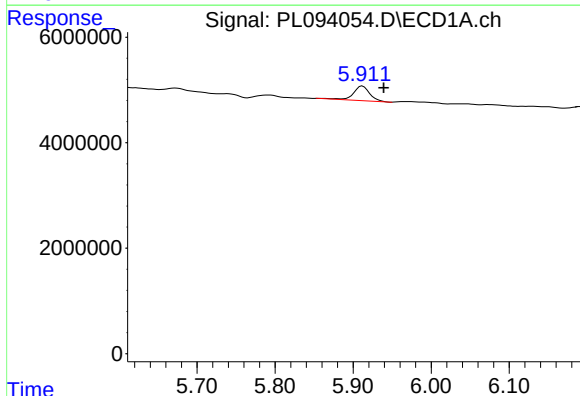
R.T.: 0.000 min
Exp R.T.: 5.229 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



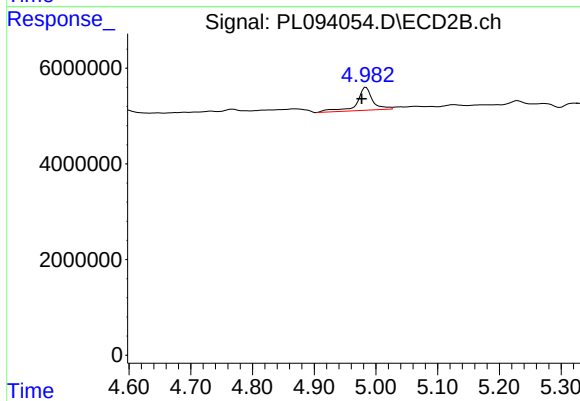
#24 Chlordane-2

R.T.: 4.360 min
Delta R.T.: 0.013 min
Response: 297025
Conc: 2.02 ng/ml



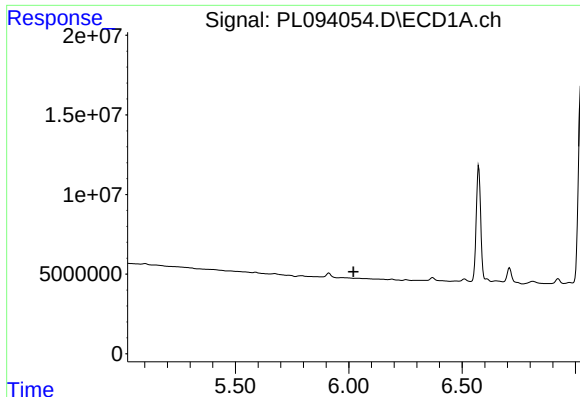
#25 Chlordane-3

R.T.: 5.912 min
Delta R.T.: -0.027 min
Response: 4079108
Conc: 10.40 ng/ml



#25 Chlordane-3

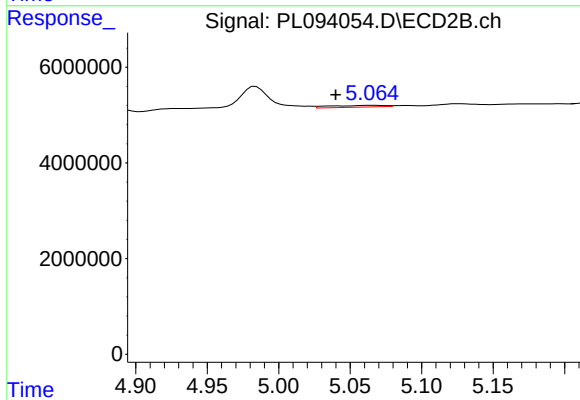
R.T.: 4.984 min
Delta R.T.: 0.007 min
Response: 8606877
Conc: 19.79 ng/ml



#26 Chlordane-4

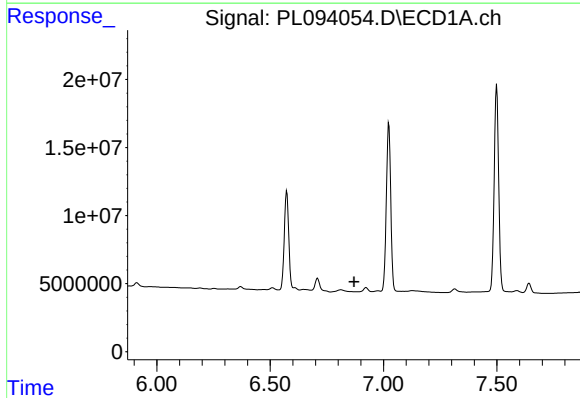
R.T.: 0.000 min
Exp R.T.: 6.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



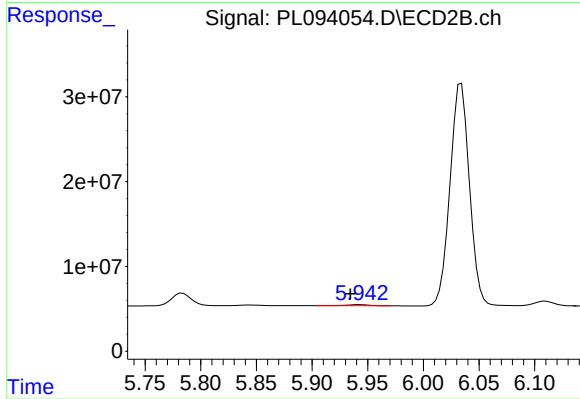
#26 Chlordane-4

R.T.: 5.065 min
Delta R.T.: 0.025 min
Response: 969450
Conc: 2.29 ng/ml



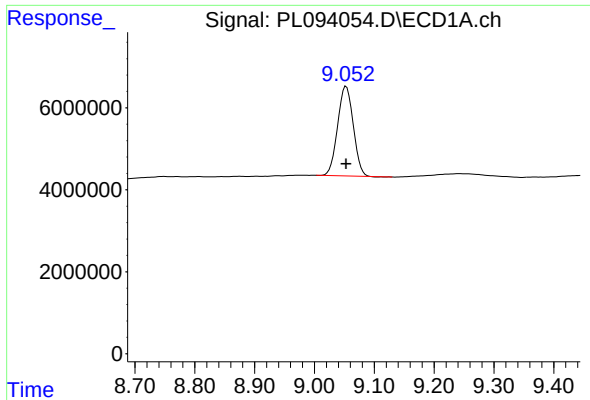
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.870 min
Response: 0
Conc: N.D.



#27 Chlordane-5

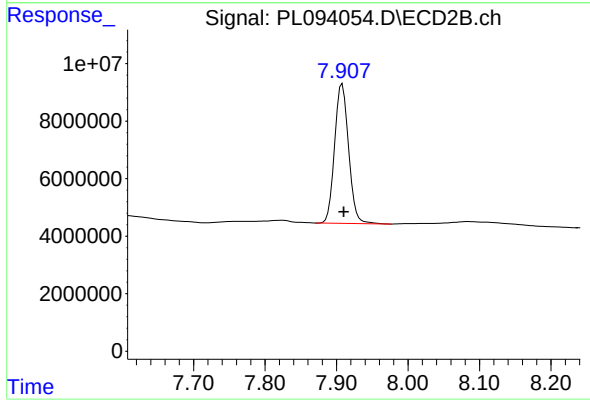
R.T.: 5.943 min
Delta R.T.: 0.009 min
Response: 1783513
Conc: 11.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 39818683
Conc: 19.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 66070667
Conc: 18.86 ng/ml