

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 08:54
 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: Dec 27 20:27:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.677	61118724	25341064	16.240	15.054
28)	SA Decachlor...	8.984	7.865	60329027	26970323	17.692	15.969
Target Compounds							
2)	A alpha-BHC	3.878	3.181	41862579	15823823	7.732	6.439
3)	MA gamma-BHC...	4.212	3.511	40856081	16243733	7.774	6.706
5)	MB Aldrin	0.000	4.148	0	157928	N.D.	0.066 #
6)	B beta-BHC	4.412	3.813	20855023	8365755	9.080	8.036
7)	B delta-BHC	0.000	4.048	0	38548	N.D.	0.016 #
8)	B Heptachlo...	0.000	4.649	0	9853	N.D.	0.004 #
9)	A Endosulfan I	0.000	5.024	0	889626	N.D.	0.412 #
10)	B gamma-Chl...	5.814f	4.908	949721	690506	0.196	0.302 #
11)	B alpha-Chl...	0.000	4.992f	0	1065713	N.D.	0.462 #
12)	B 4,4'-DDE	6.097	5.158	879868	179185	0.212	0.090 #
13)	MA Dieldrin	6.281f	5.294	1015609	297709	0.219	0.134 #
14)	MA Endrin	6.474	5.556	136.6E6	67208368	35.502	33.678
15)	B Endosulfa...	0.000	5.885f	0	492370	N.D.	0.253 #
16)	A 4,4'-DDD	6.619	5.716	5119526	1956392	1.549	1.182
17)	MA 4,4'-DDT	6.936	5.969	292.1E6	134.9E6	77.693	73.156
18)	B Endrin al...	6.827	6.036	3415486	3045372	1.178	2.075 #
19)	B Endosulfa...	0.000	6.264	0	76797	N.D.	0.041 #
20)	A Methoxychlor	7.422	6.556	375.8E6	172.5E6	192.727	168.857
21)	B Endrin ke...	7.549	6.766	8284951	4575034	2.036	2.149
22)	Mirex	0.000	6.939f	0	181874	N.D.	0.102 #
23)	Chlordane-1	0.000	3.713f	0	168455	N.D.	2.716 #
24)	Chlordane-2	0.000	4.247f	0	192522	N.D.	2.508 #
25)	Chlordane-3	5.814f	4.908	949721	690506	1.362	3.124 #
26)	Chlordane-4	0.000	4.992f	0	1065713	N.D.	4.577 #
27)	Chlordane-5	0.000	5.634	0	49694	N.D.	0.768 #

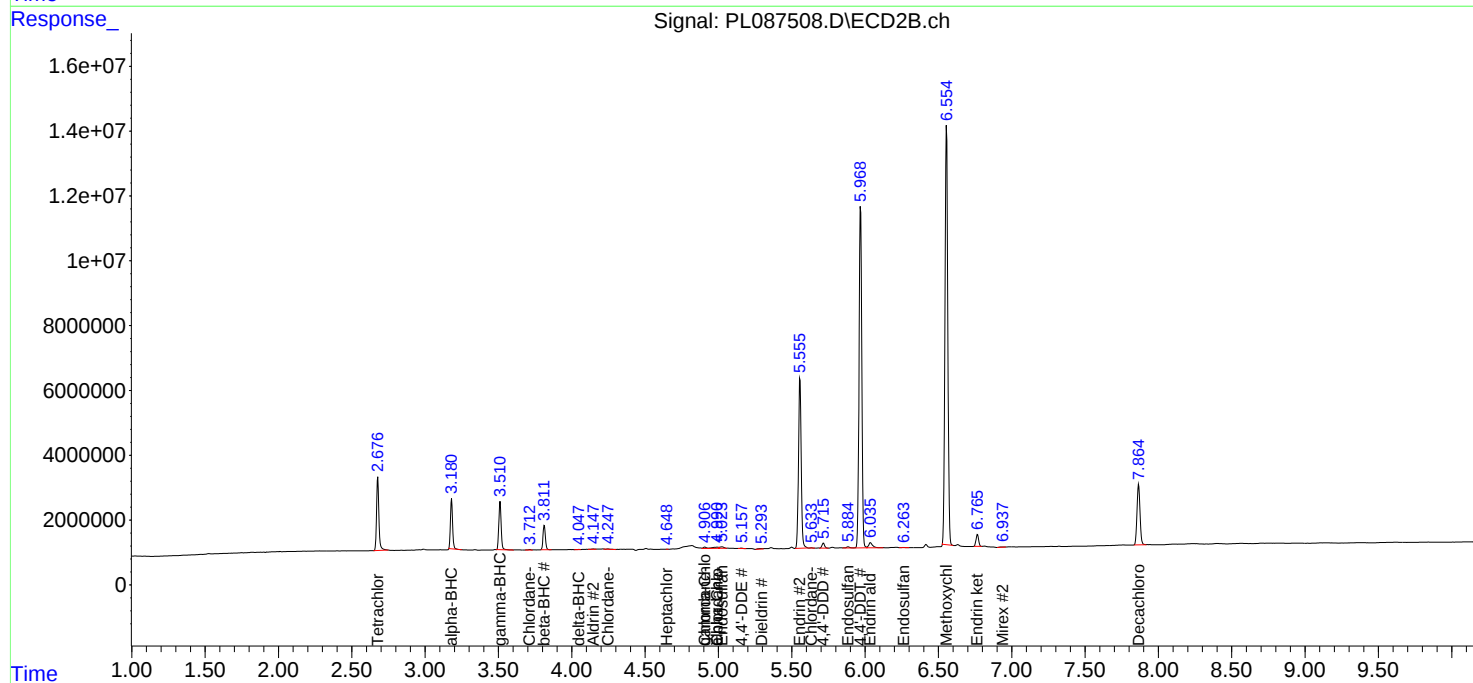
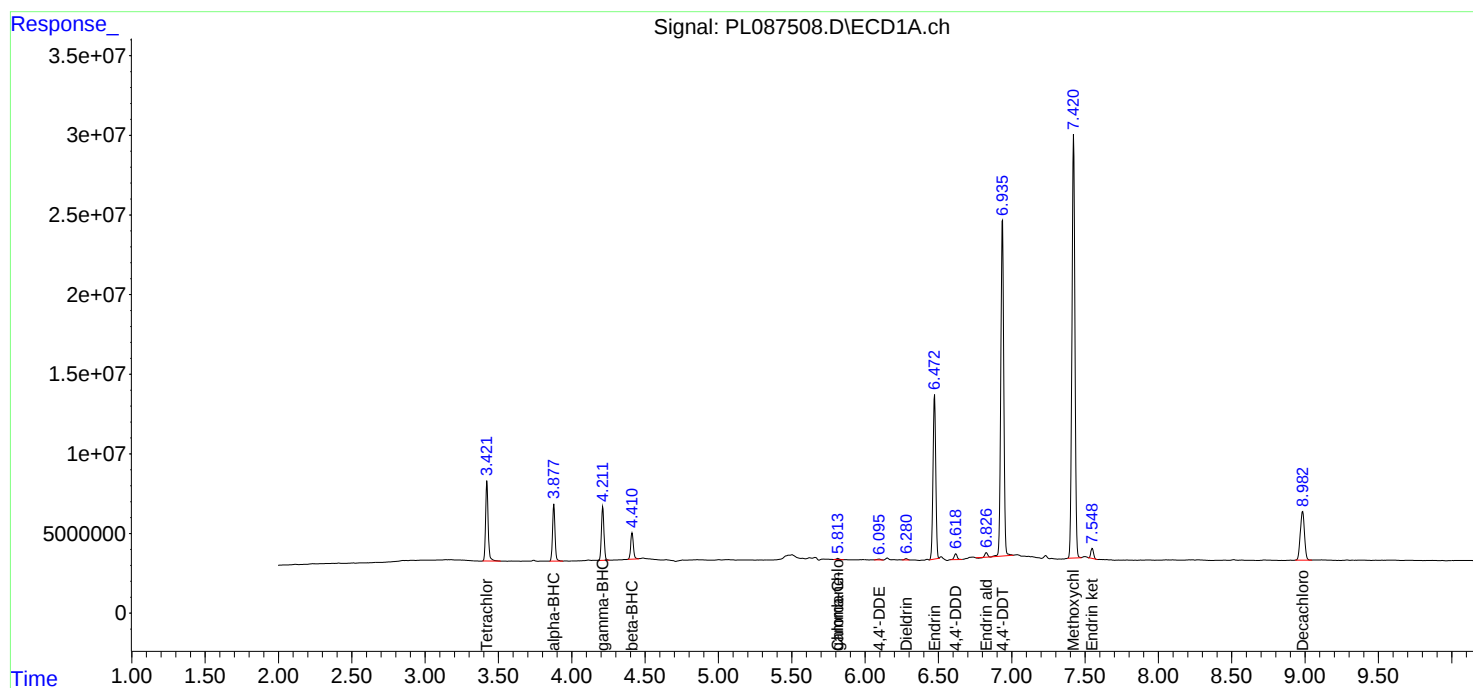
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

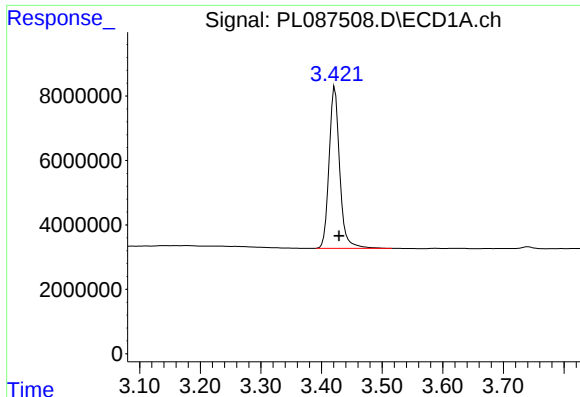
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
Data File : PL087508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2023 08:54
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 20:27:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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

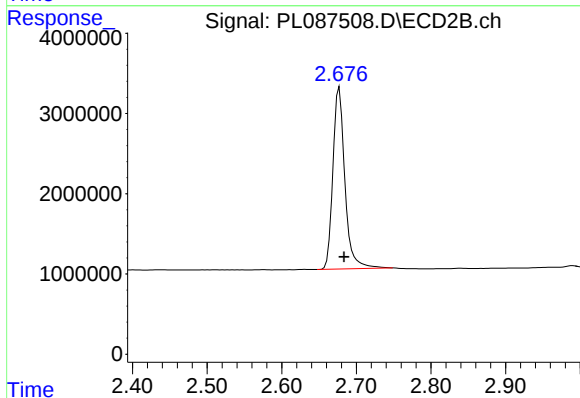




#1 Tetrachloro-m-xylene

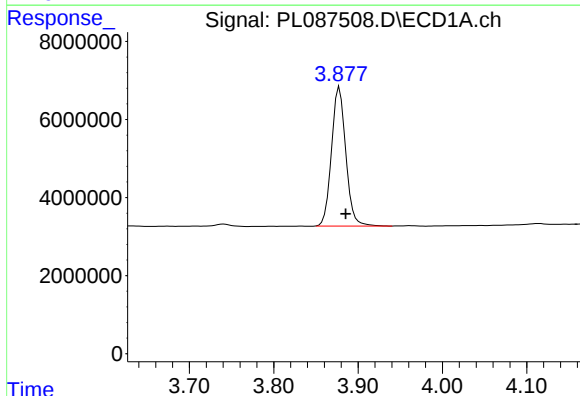
R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 61118724
Conc: 16.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



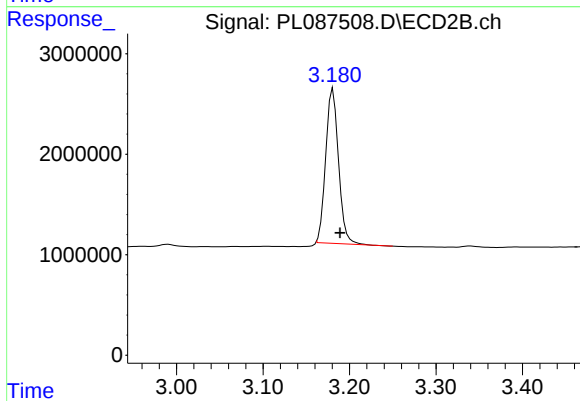
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 25341064
Conc: 15.05 ng/ml



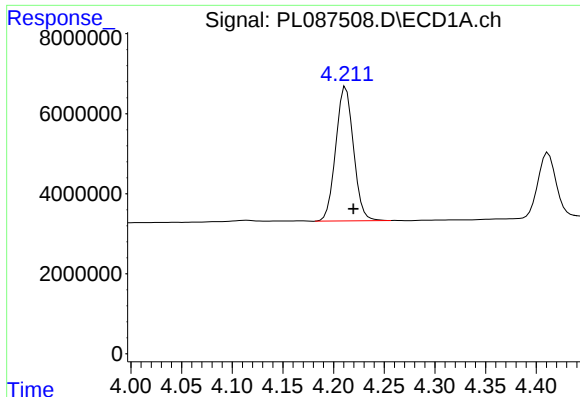
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 41862579
Conc: 7.73 ng/ml



#2 alpha-BHC

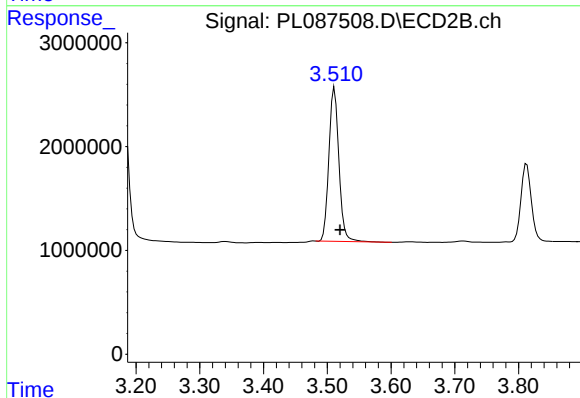
R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 15823823
Conc: 6.44 ng/ml



#3 gamma-BHC (Lindane)

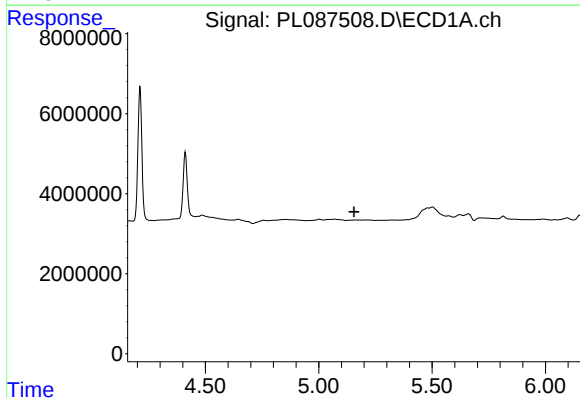
R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 40856081
Conc: 7.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



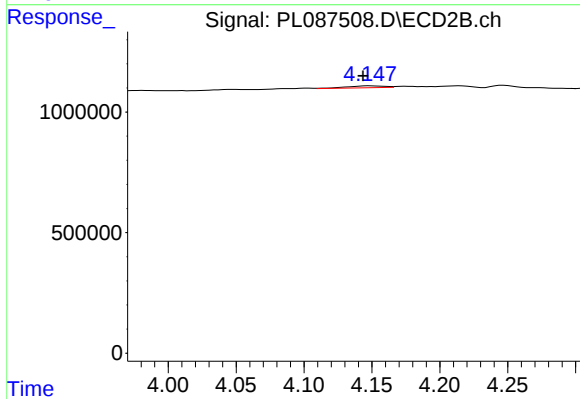
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 16243733
Conc: 6.71 ng/ml



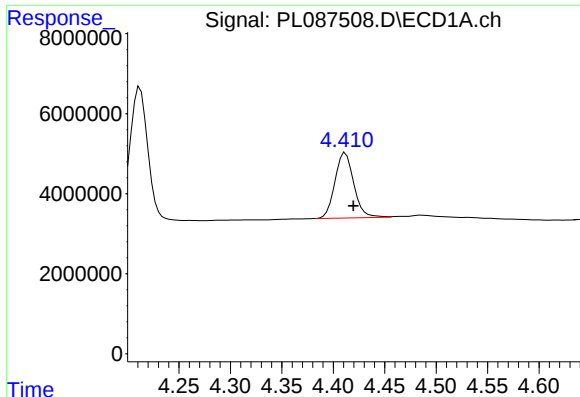
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.156 min
Response: 0
Conc: N.D.



#5 Aldrin

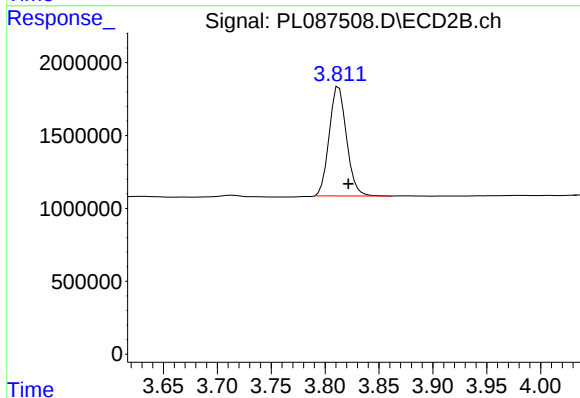
R.T.: 4.148 min
Delta R.T.: 0.005 min
Response: 157928
Conc: 0.07 ng/ml



#6 beta-BHC

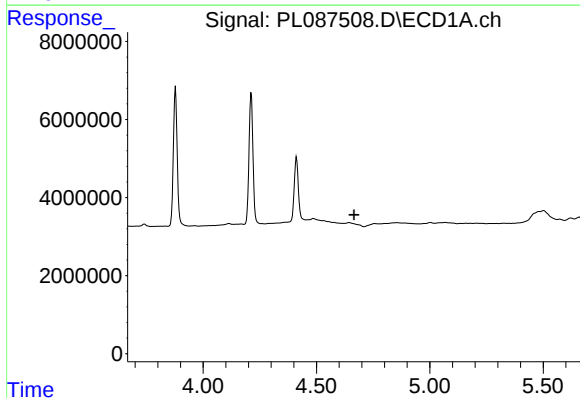
R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 20855023
Conc: 9.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



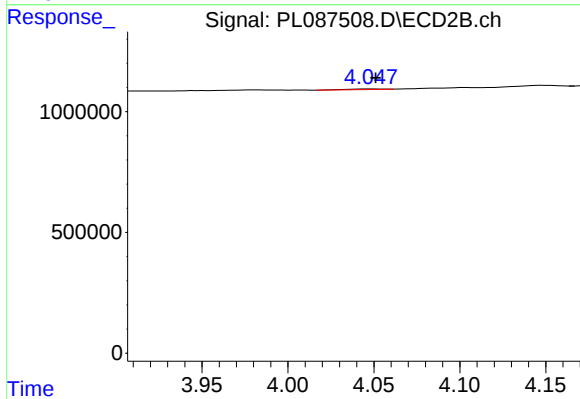
#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 8365755
Conc: 8.04 ng/ml



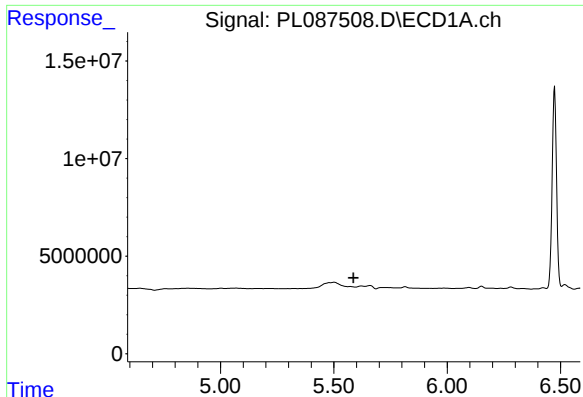
#7 delta-BHC

R.T.: 0.000 min
Exp R.T.: 4.666 min
Response: 0
Conc: N.D.



#7 delta-BHC

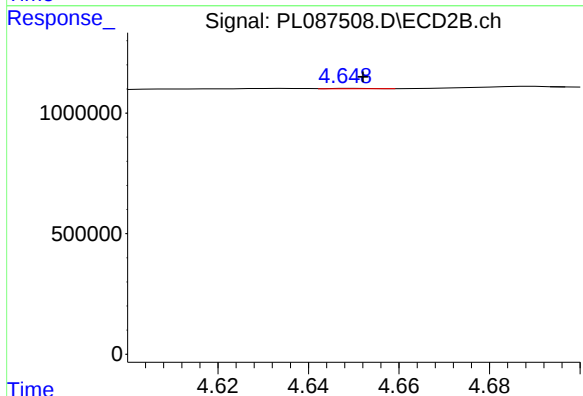
R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 38548
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

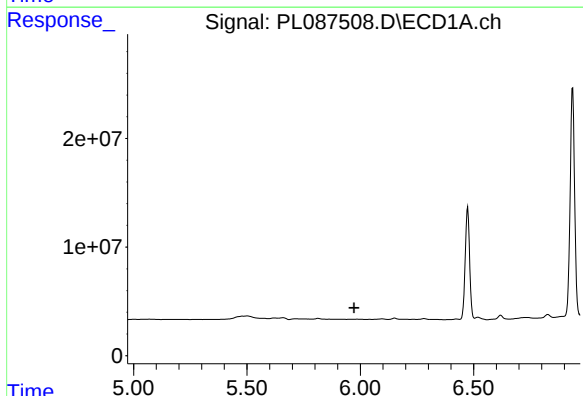
R.T.: 0.000 min
Exp R.T.: 5.587 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



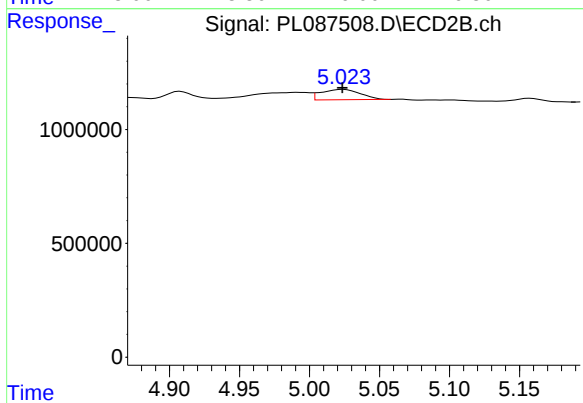
#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 9853
Conc: 0.00 ng/ml



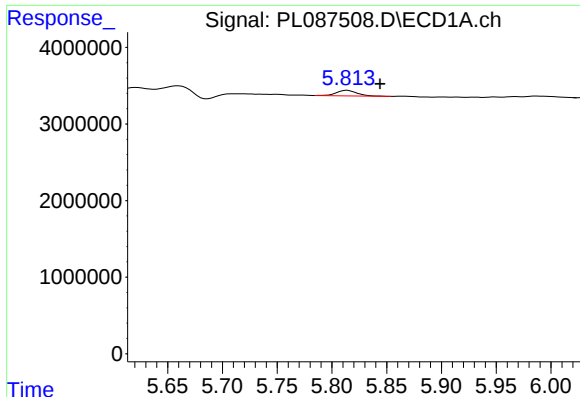
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.973 min
Response: 0
Conc: N.D.



#9 Endosulfan I

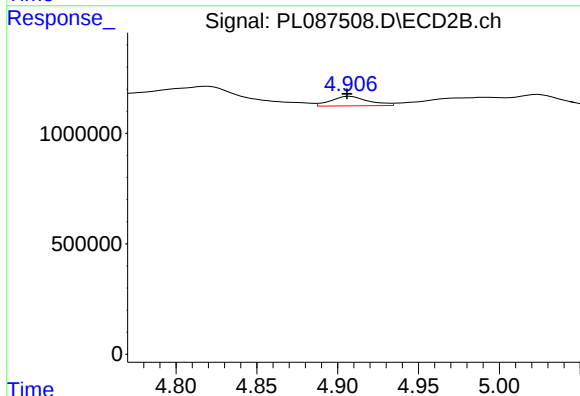
R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 889626
Conc: 0.41 ng/ml



#10 gamma-Chlordane

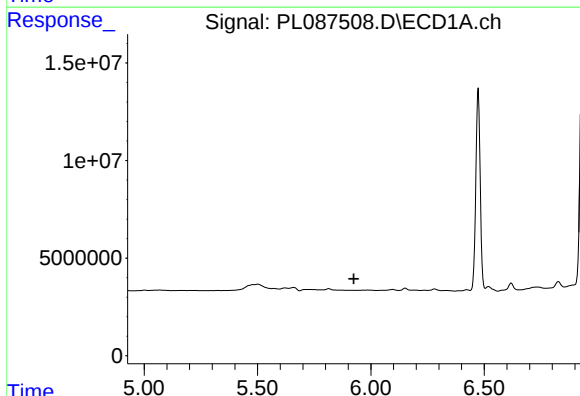
R.T.: 5.814 min
Delta R.T.: -0.030 min
Response: 949721
Conc: 0.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



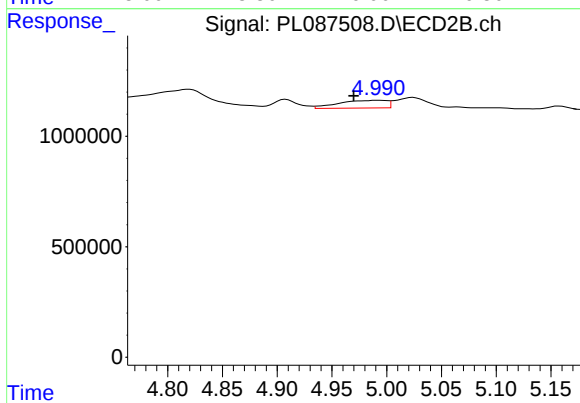
#10 gamma-Chlordane

R.T.: 4.908 min
Delta R.T.: 0.002 min
Response: 690506
Conc: 0.30 ng/ml



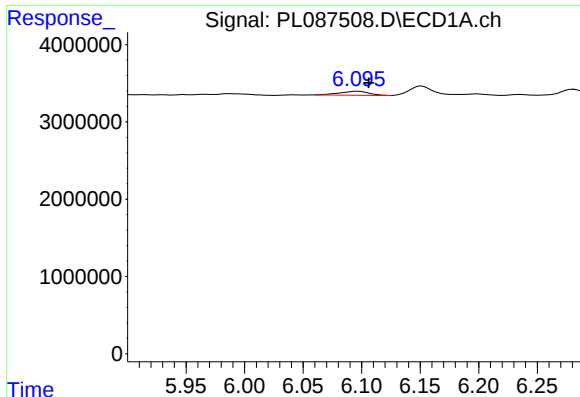
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.924 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

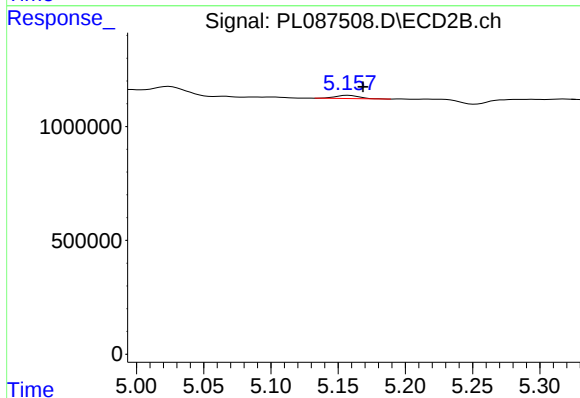
R.T.: 4.992 min
Delta R.T.: 0.022 min
Response: 1065713
Conc: 0.46 ng/ml



#12 4,4'-DDE

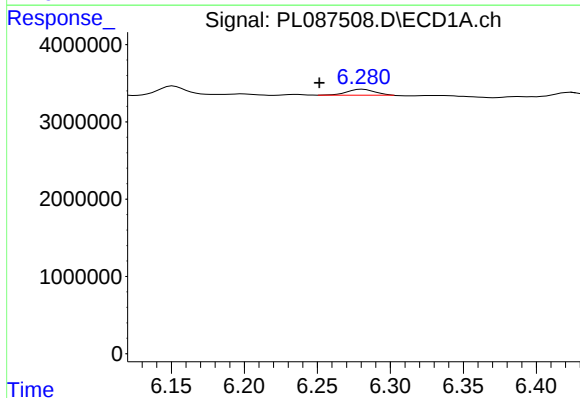
R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 879868
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



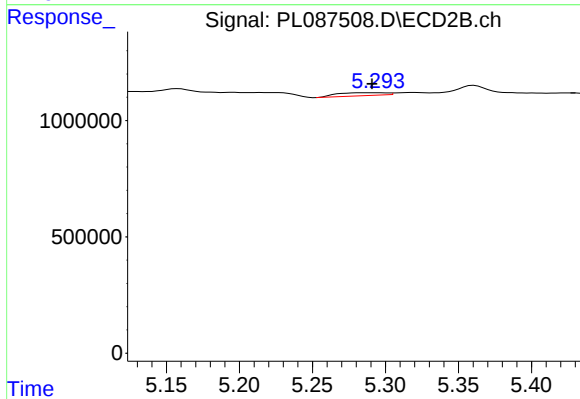
#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.011 min
Response: 179185
Conc: 0.09 ng/ml



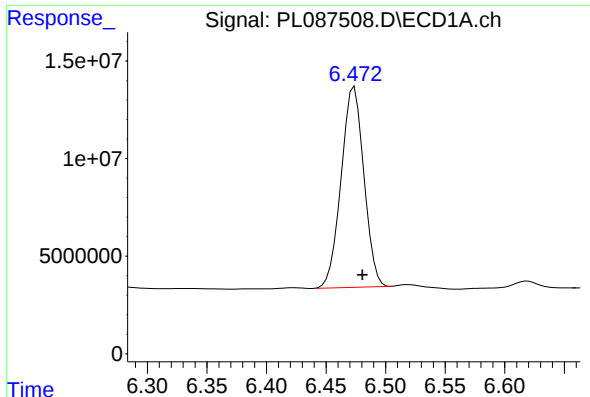
#13 Dieldrin

R.T.: 6.281 min
Delta R.T.: 0.030 min
Response: 1015609
Conc: 0.22 ng/ml



#13 Dieldrin

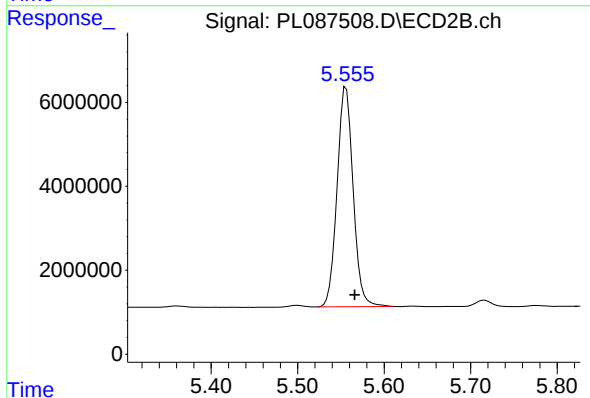
R.T.: 5.294 min
Delta R.T.: 0.003 min
Response: 297709
Conc: 0.13 ng/ml



#14 Endrin

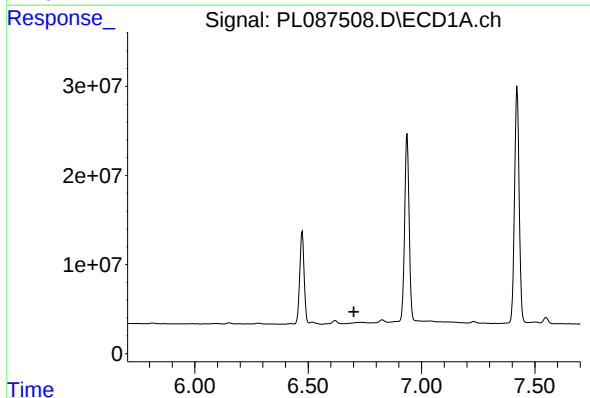
R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 136587750
Conc: 35.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



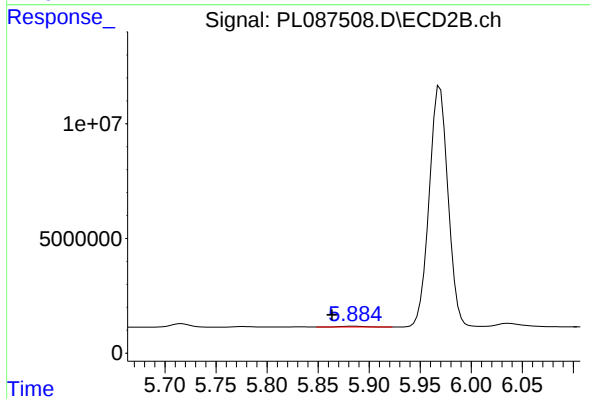
#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 67208368
Conc: 33.68 ng/ml



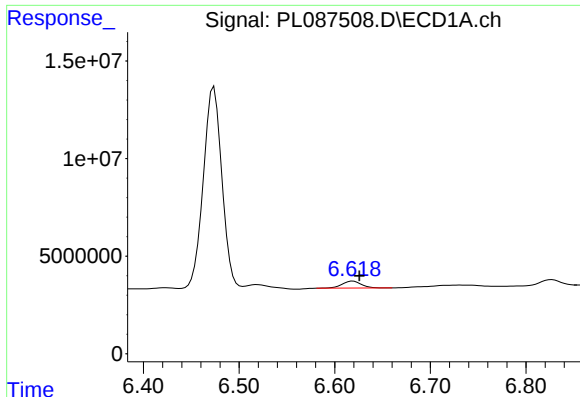
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 6.702 min
Response: 0
Conc: N.D.



#15 Endosulfan II

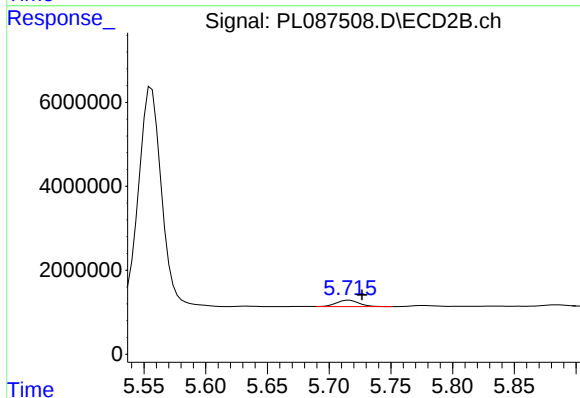
R.T.: 5.885 min
Delta R.T.: 0.021 min
Response: 492370
Conc: 0.25 ng/ml



#16 4,4'-DDD

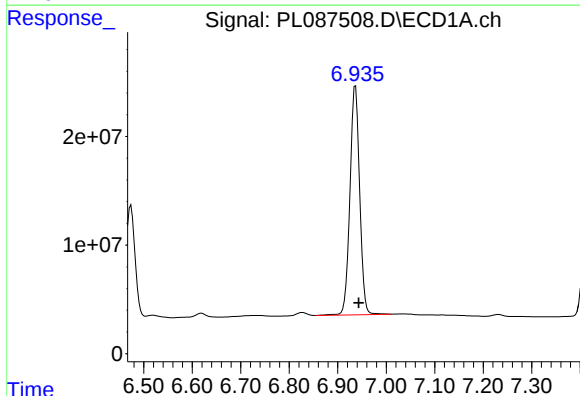
R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 5119526
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



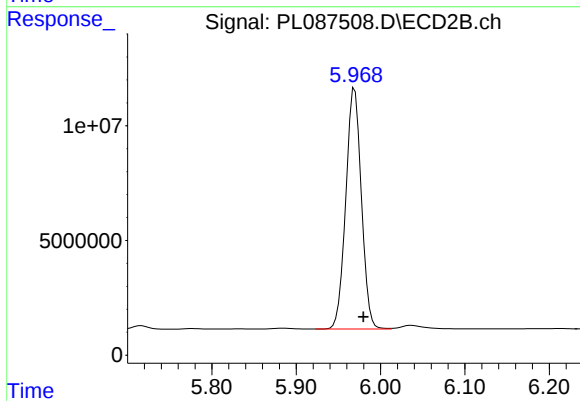
#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.010 min
Response: 1956392
Conc: 1.18 ng/ml



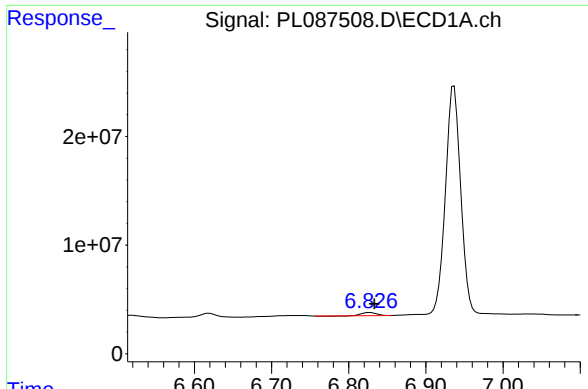
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.007 min
Response: 292142114
Conc: 77.69 ng/ml



#17 4,4'-DDT

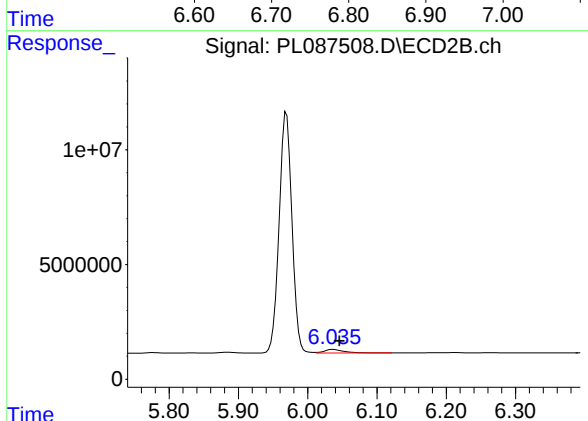
R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 134923008
Conc: 73.16 ng/ml



#18 Endrin aldehyde

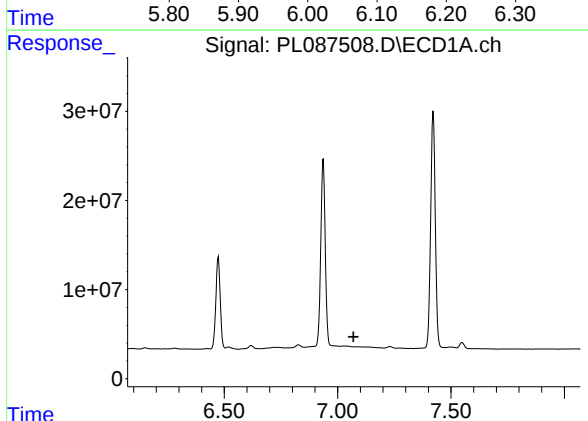
R.T.: 6.827 min
Delta R.T.: -0.006 min
Response: 3415486
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



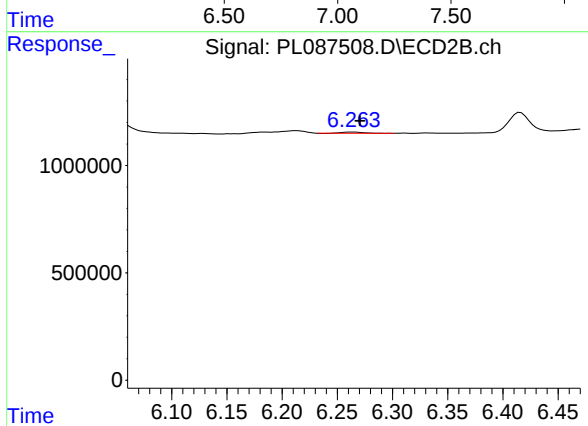
#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.009 min
Response: 3045372
Conc: 2.08 ng/ml



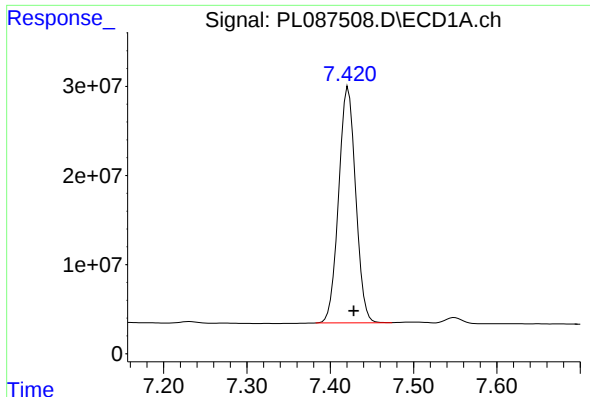
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.070 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

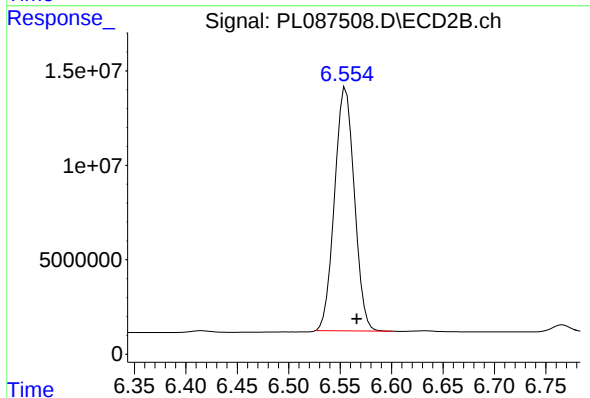
R.T.: 6.264 min
Delta R.T.: -0.007 min
Response: 76797
Conc: 0.04 ng/ml



#20 Methoxychlor

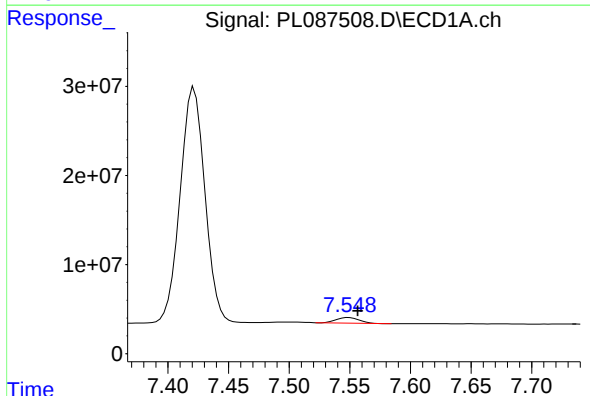
R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 375803038
Conc: 192.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



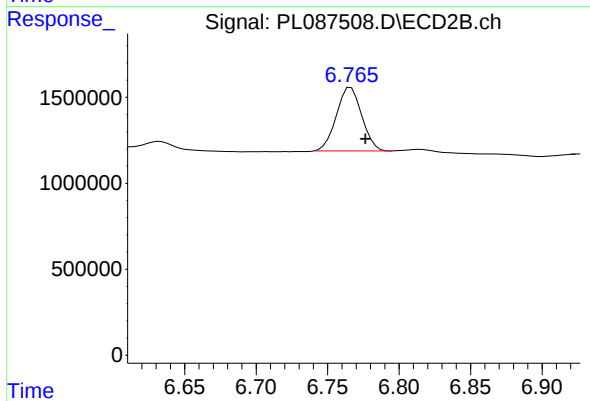
#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.011 min
Response: 172469387
Conc: 168.86 ng/ml



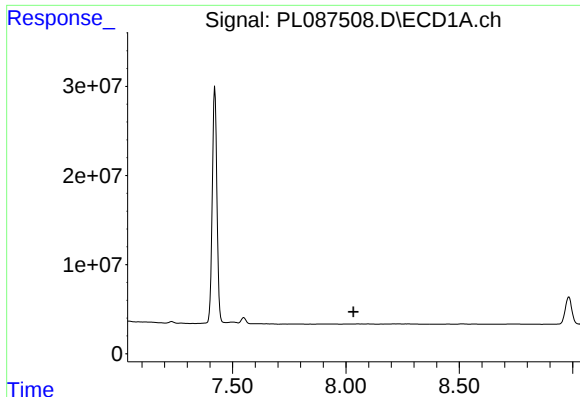
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: -0.008 min
Response: 8284951
Conc: 2.04 ng/ml



#21 Endrin ketone

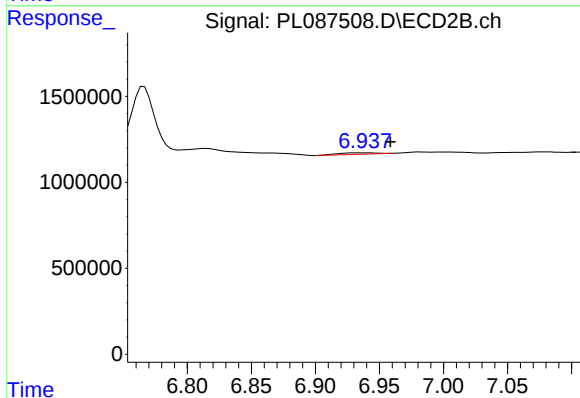
R.T.: 6.766 min
Delta R.T.: -0.010 min
Response: 4575034
Conc: 2.15 ng/ml



#22 Mirex

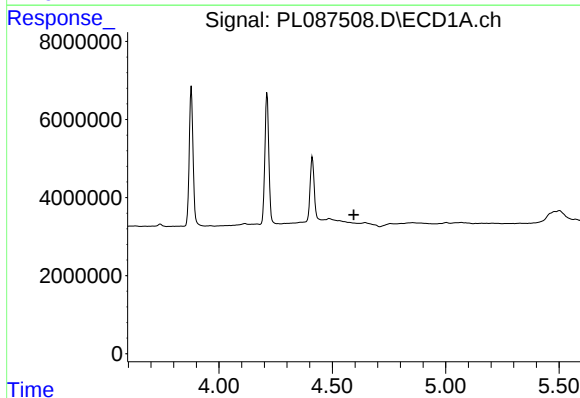
R.T.: 0.000 min
Exp R.T.: 8.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



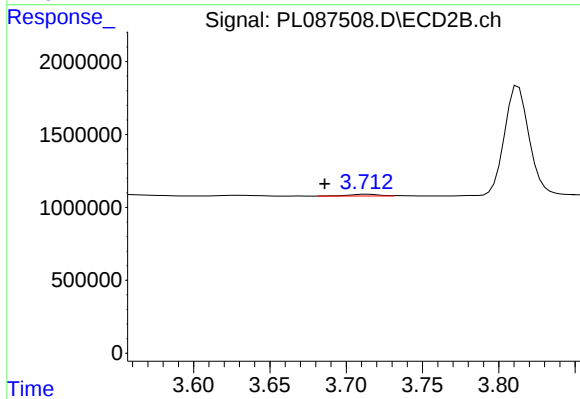
#22 Mirex

R.T.: 6.939 min
Delta R.T.: -0.019 min
Response: 181874
Conc: 0.10 ng/ml



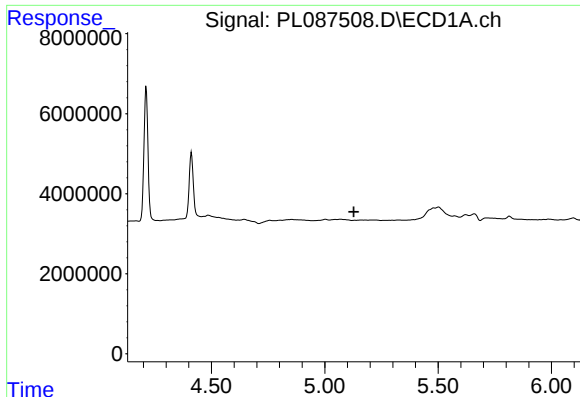
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.594 min
Response: 0
Conc: N.D.



#23 Chlordane-1

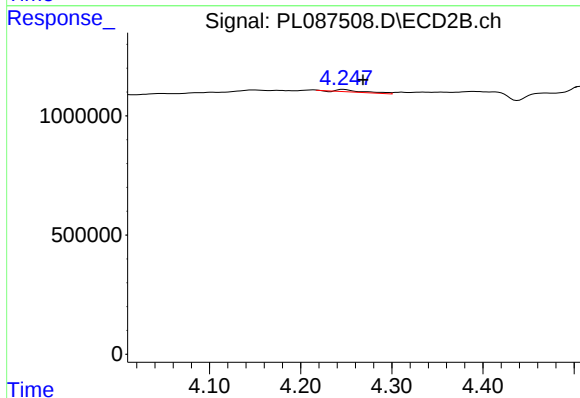
R.T.: 3.713 min
Delta R.T.: 0.027 min
Response: 168455
Conc: 2.72 ng/ml



#24 Chlordane-2

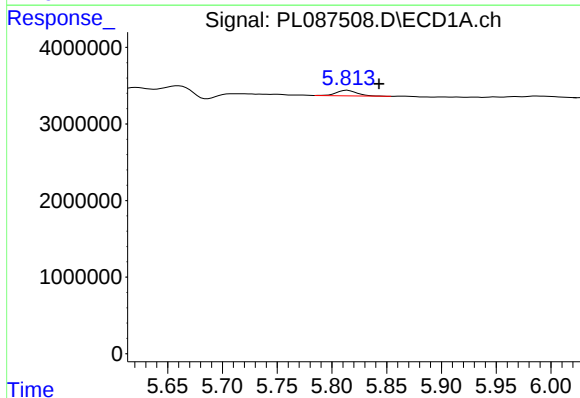
R.T.: 0.000 min
Exp R.T.: 5.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



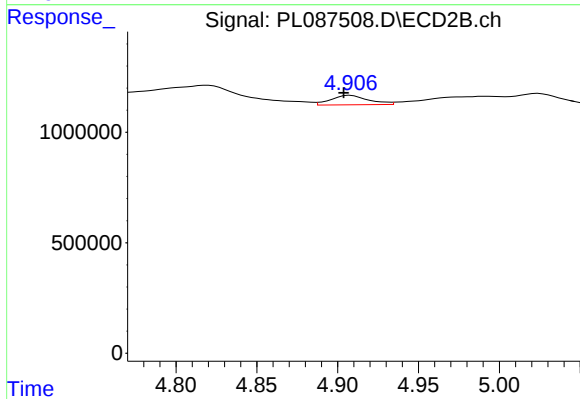
#24 Chlordane-2

R.T.: 4.247 min
Delta R.T.: -0.021 min
Response: 192522
Conc: 2.51 ng/ml



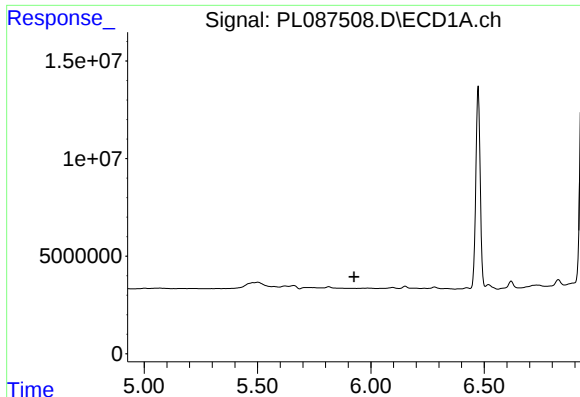
#25 Chlordane-3

R.T.: 5.814 min
Delta R.T.: -0.029 min
Response: 949721
Conc: 1.36 ng/ml



#25 Chlordane-3

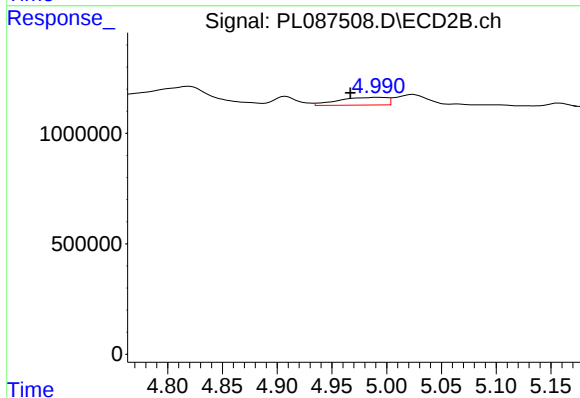
R.T.: 4.908 min
Delta R.T.: 0.004 min
Response: 690506
Conc: 3.12 ng/ml



#26 Chlordane-4

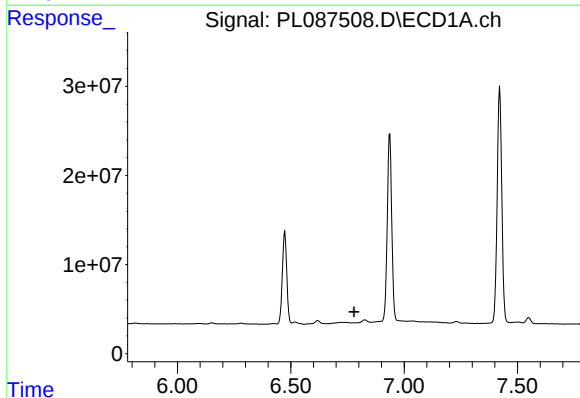
R.T.: 0.000 min
Exp R.T.: 5.927 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



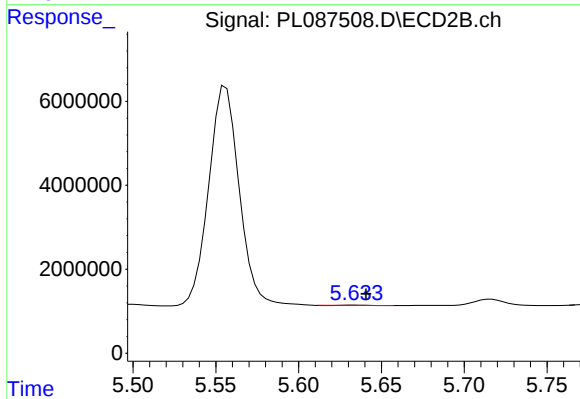
#26 Chlordane-4

R.T.: 4.992 min
Delta R.T.: 0.025 min
Response: 1065713
Conc: 4.58 ng/ml



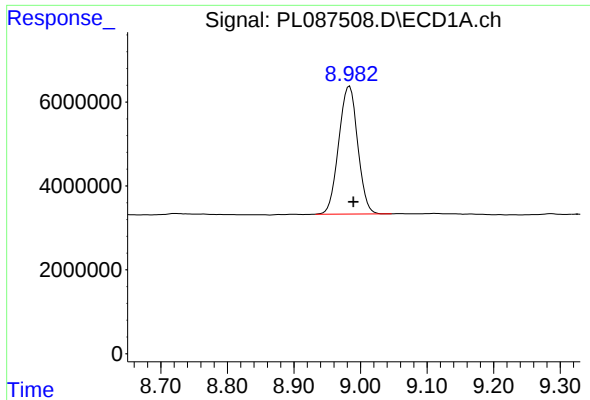
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.779 min
Response: 0
Conc: N.D.



#27 Chlordane-5

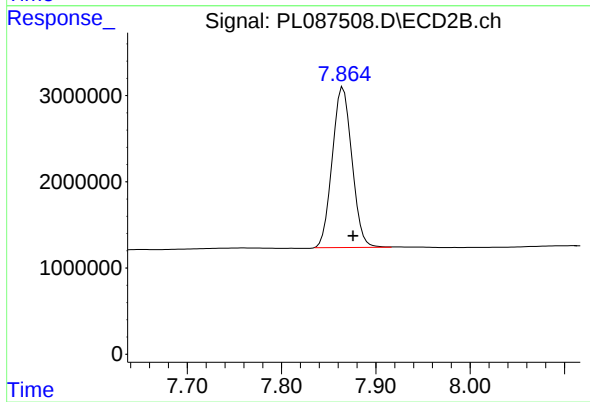
R.T.: 5.634 min
Delta R.T.: -0.007 min
Response: 49694
Conc: 0.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: -0.006 min
Response: 60329027
Conc: 17.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: -0.010 min
Response: 26970323
Conc: 15.97 ng/ml