

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062724\
 Data File : PL090357.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2024 10:58
 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: Jun 28 01:09:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.548	2.792	45802300	32325217	20.181	20.436
28)	SA Decachlor...	9.062	7.937	33128078	30607424	21.481	20.518
Target Compounds							
2)	A alpha-BHC	4.003	3.295	34325260	21675534	10.944	9.696
3)	MA gamma-BHC...	4.336	3.626	32822745	20499413	10.919	9.588
4)	MA Heptachlor	4.917	3.989f	269837	36719	0.097	0.018 #
5)	MB Aldrin	5.257	4.256	681384	100928	0.249	0.051 #
6)	B beta-BHC	4.531	3.924	15868332	10825443	11.781	11.214
7)	B delta-BHC	4.760f	4.154	684924	52571	0.243	0.026 #
8)	B Heptachlo...	5.680	4.755	933486	48810	0.366	0.027 #
9)	A Endosulfan I	6.089	5.121	247040	88176	0.105	0.051 #
10)	B gamma-Chl...	5.971f	5.006	165330	382085	0.065	0.199 #
11)	B alpha-Chl...	6.007f	5.061	288431	69813	0.116	0.036 #
12)	B 4,4'-DDE	6.200	5.253	757247	389771	0.347	0.235 #
13)	MA Dieldrin	6.345	5.392	53600	24491	0.022	0.013 #
14)	MA Endrin	6.582	5.660	88671784	74064901	41.821	44.791
15)	B Endosulfa...	6.821f	5.968	3112563	940652	1.408	0.573 #
16)	A 4,4'-DDD	6.716	5.807	7973565	4551688	4.352	3.321
17)	MA 4,4'-DDT	7.031	6.058	165.8E6	153.0E6	86.383	103.380
18)	B Endrin al...	6.931	6.133	4121645	3370320	2.441	2.647
19)	B Endosulfa...	0.000	6.341	0	235486	N.D.	0.151 #
20)	A Methoxychlor	7.506	6.633	213.7E6	191.6E6	207.360	229.677
21)	B Endrin ke...	7.649	6.861	9218608	7829970	4.250	4.373
22)	Mirex	8.121	7.065f	32198	116523	0.019	0.076 #
23)	Chlordane-1	4.726f	0.000	1091	0	0.011	N.D. #
24)	Chlordane-2	5.257f	4.373	681384	20830	5.744	0.295 #
25)	Chlordane-3	5.971f	5.006	165330	382085	0.450	1.892 #
26)	Chlordane-4	6.049f	5.061	469989	69813	1.054	0.366 #
27)	Chlordane-5	6.878	5.757f	88575	339882	0.983	5.627 #

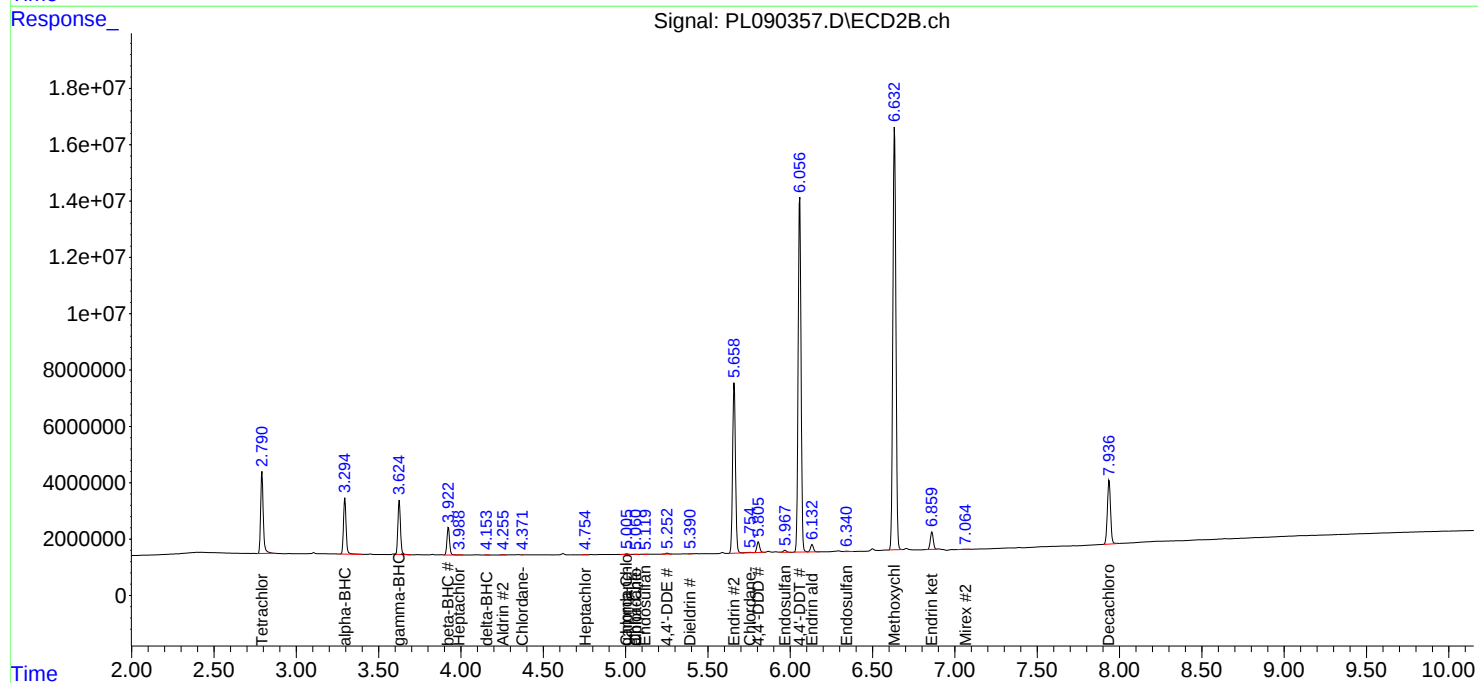
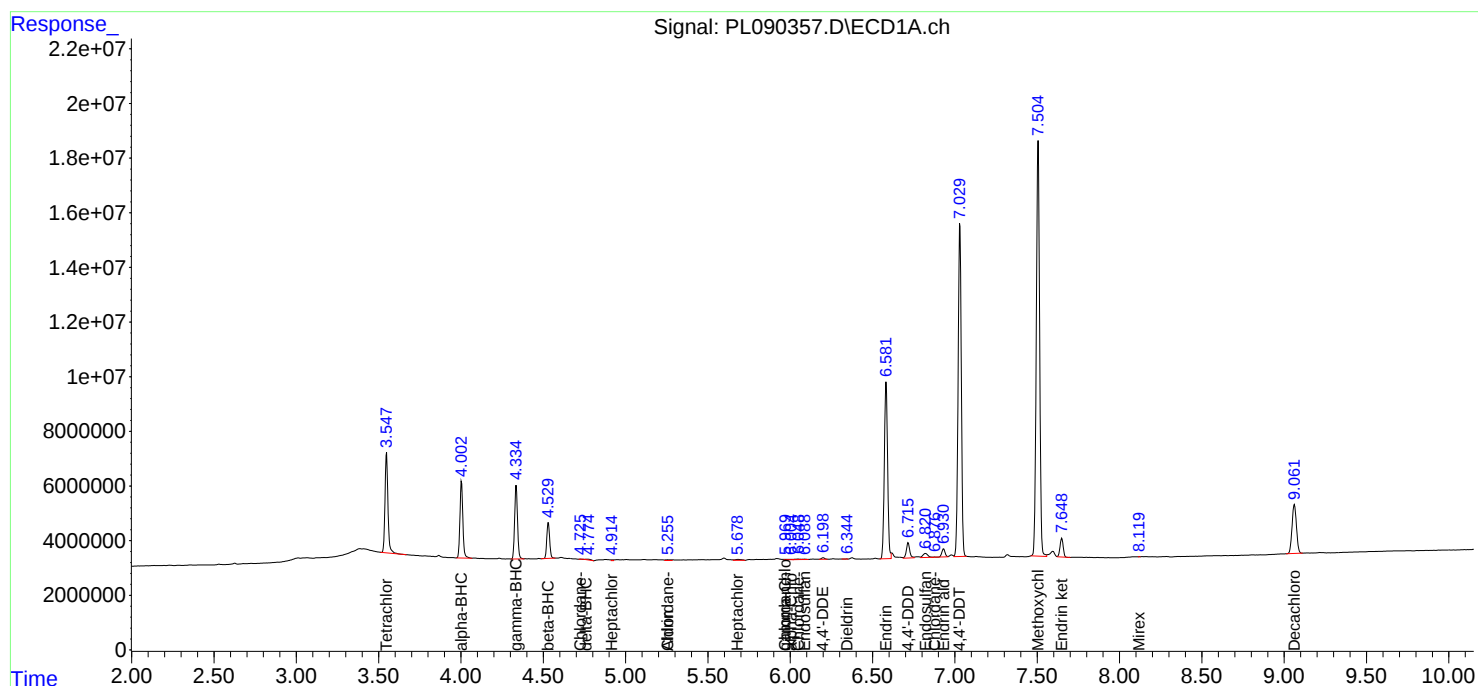
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

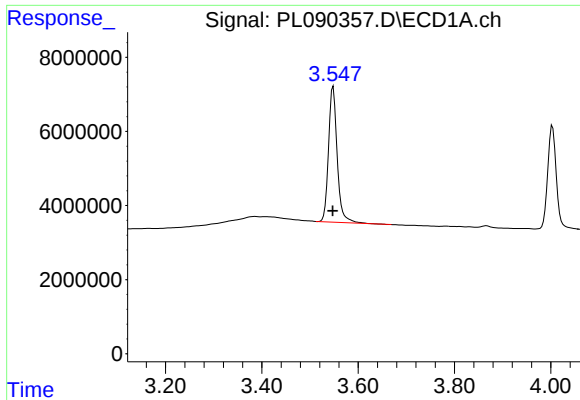
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062724\
Data File : PL090357.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2024 10:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 01:09:02 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 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

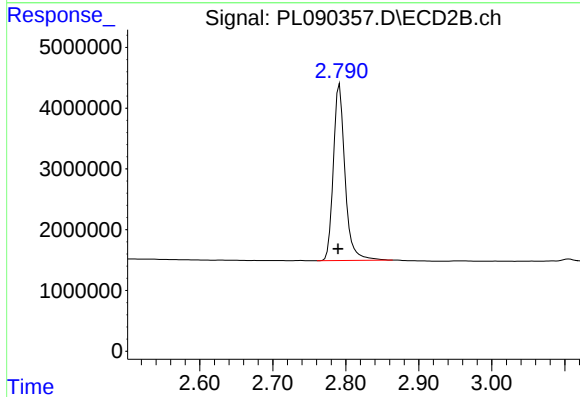




#1 Tetrachloro-m-xylene

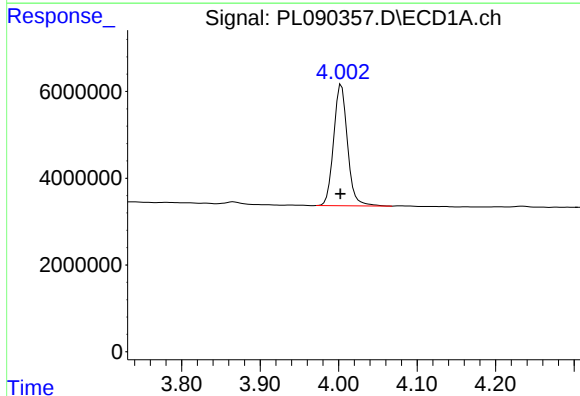
R.T.: 3.548 min
Delta R.T.: 0.001 min
Response: 45802300
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



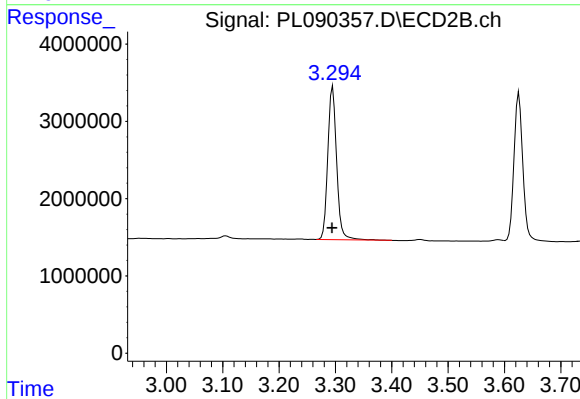
#1 Tetrachloro-m-xylene

R.T.: 2.792 min
Delta R.T.: 0.002 min
Response: 32325217
Conc: 20.44 ng/ml



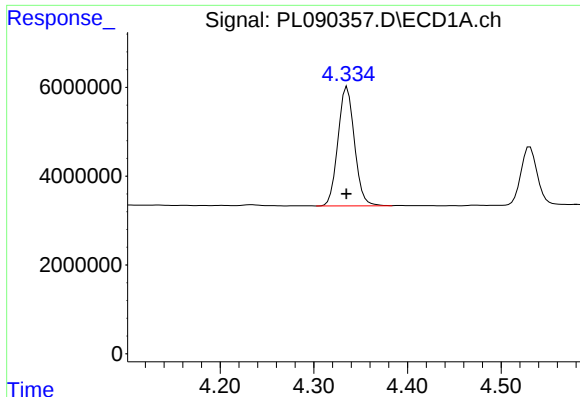
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.001 min
Response: 34325260
Conc: 10.94 ng/ml



#2 alpha-BHC

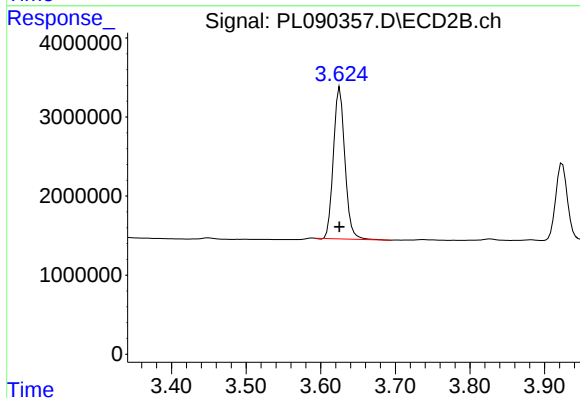
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 21675534
Conc: 9.70 ng/ml



#3 gamma-BHC (Lindane)

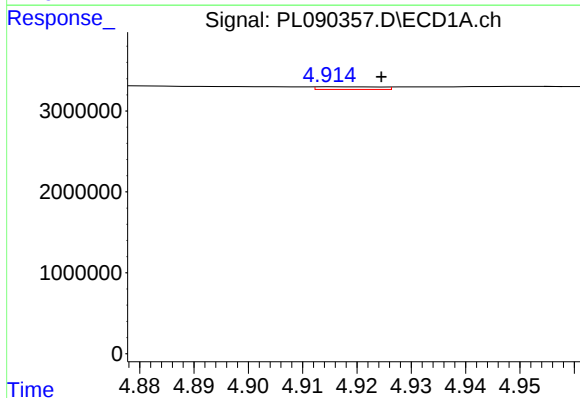
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 32822745
Conc: 10.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



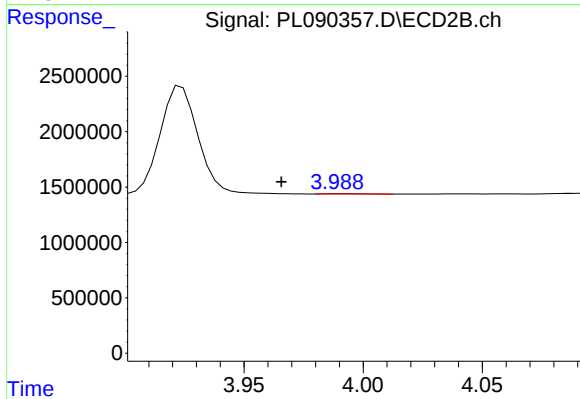
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: 0.000 min
Response: 20499413
Conc: 9.59 ng/ml



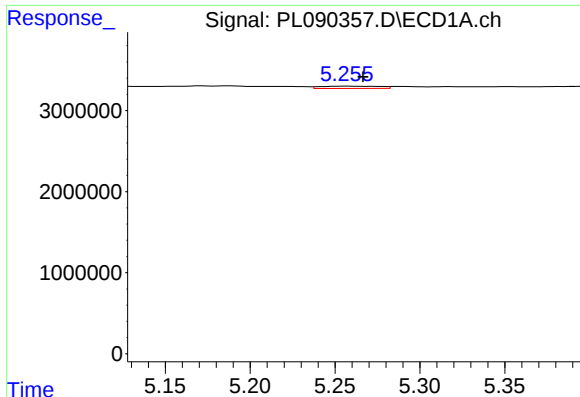
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 269837
Conc: 0.10 ng/ml



#4 Heptachlor

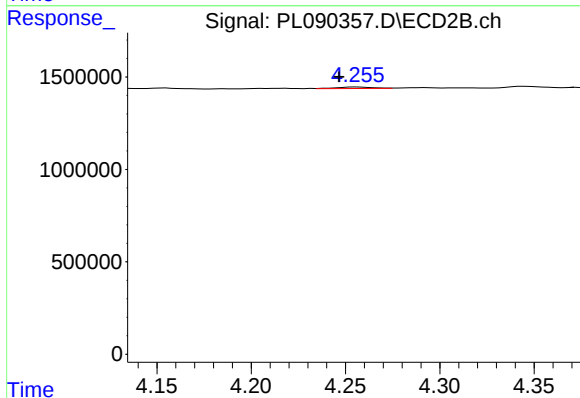
R.T.: 3.989 min
Delta R.T.: 0.024 min
Response: 36719
Conc: 0.02 ng/ml



#5 Aldrin

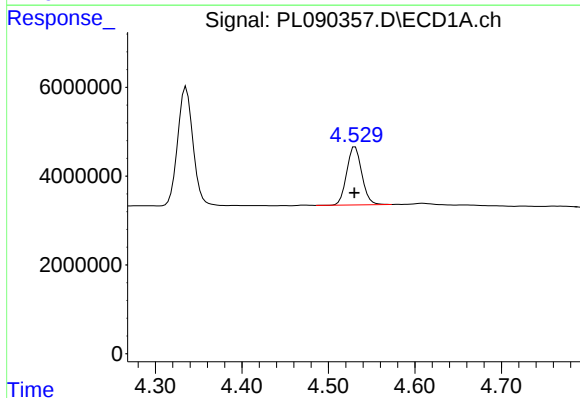
R.T.: 5.257 min
Delta R.T.: -0.009 min
Response: 681384
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



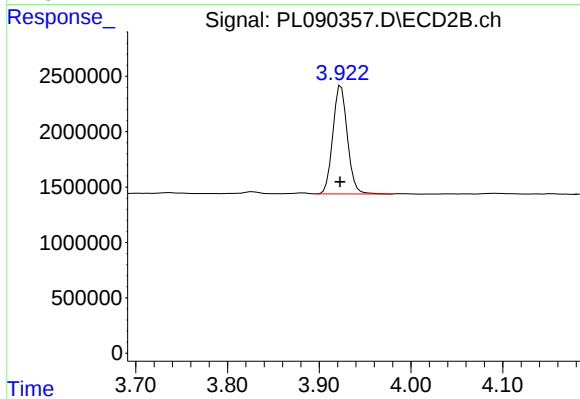
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.010 min
Response: 100928
Conc: 0.05 ng/ml



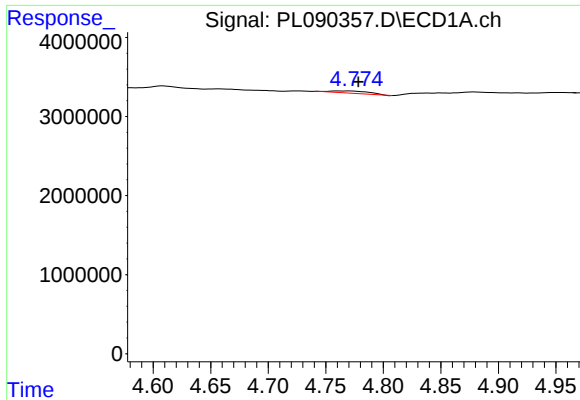
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 15868332
Conc: 11.78 ng/ml



#6 beta-BHC

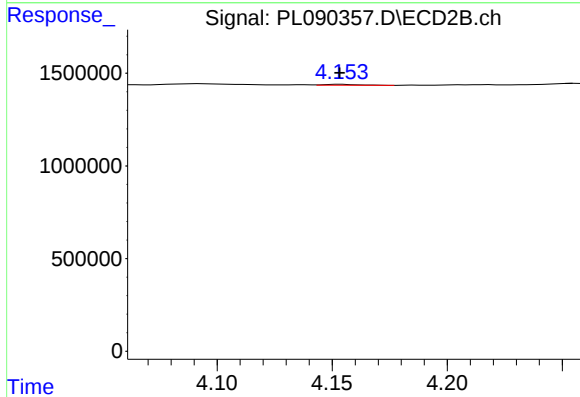
R.T.: 3.924 min
Delta R.T.: 0.001 min
Response: 10825443
Conc: 11.21 ng/ml



#7 delta-BHC

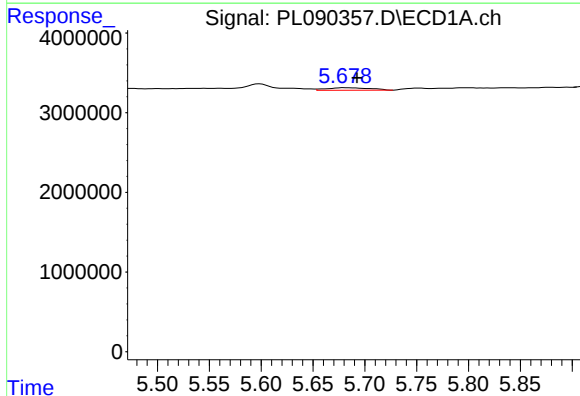
R.T.: 4.760 min
Delta R.T.: -0.018 min
Response: 684924
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



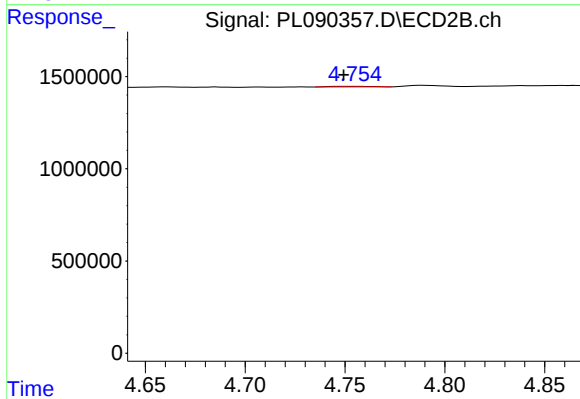
#7 delta-BHC

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 52571
Conc: 0.03 ng/ml



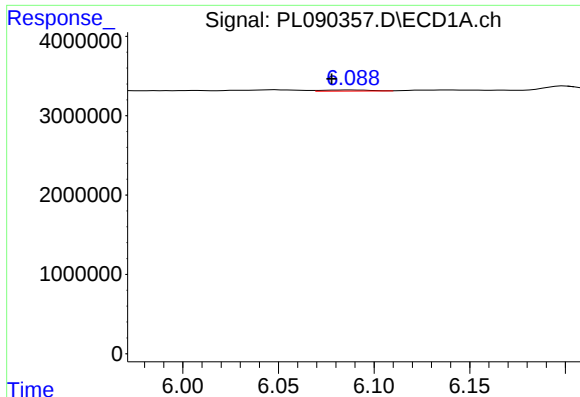
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.012 min
Response: 933486
Conc: 0.37 ng/ml



#8 Heptachlor epoxide

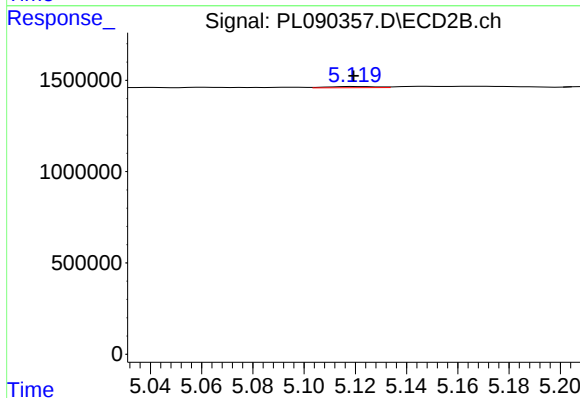
R.T.: 4.755 min
Delta R.T.: 0.006 min
Response: 48810
Conc: 0.03 ng/ml



#9 Endosulfan I

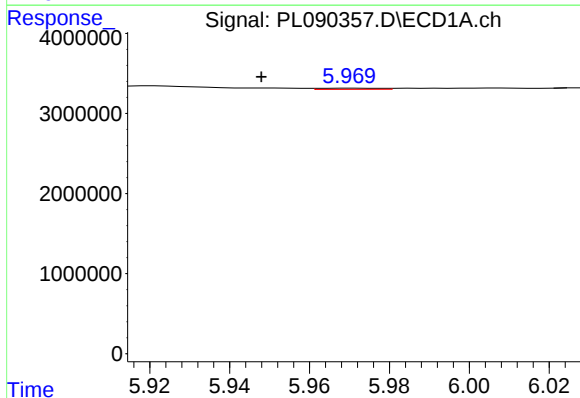
R.T.: 6.089 min
Delta R.T.: 0.011 min
Response: 247040
Conc: 0.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



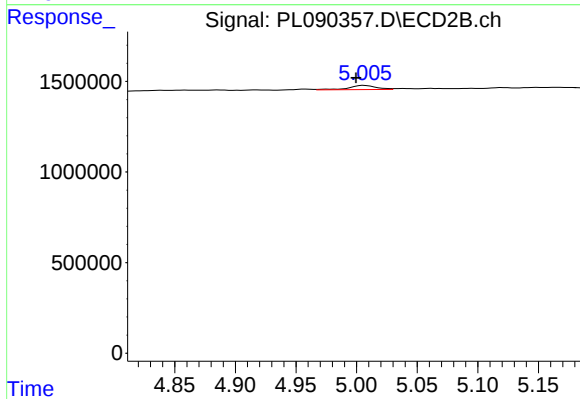
#9 Endosulfan I

R.T.: 5.121 min
Delta R.T.: 0.002 min
Response: 88176
Conc: 0.05 ng/ml



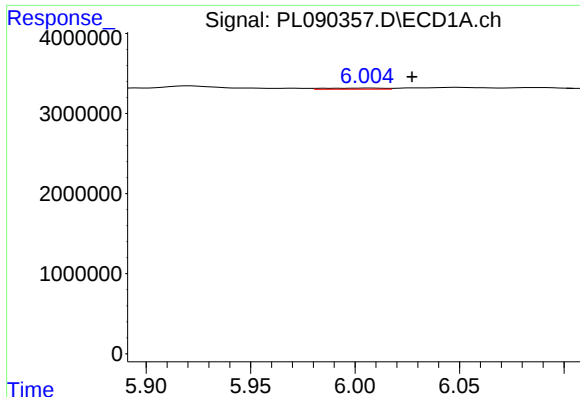
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.023 min
Response: 165330
Conc: 0.07 ng/ml



#10 gamma-Chlordane

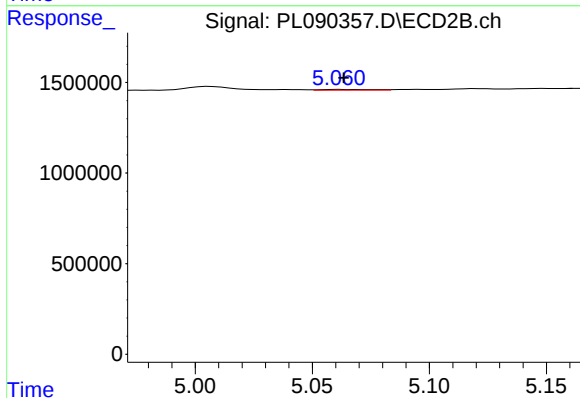
R.T.: 5.006 min
Delta R.T.: 0.007 min
Response: 382085
Conc: 0.20 ng/ml



#11 alpha-Chlordane

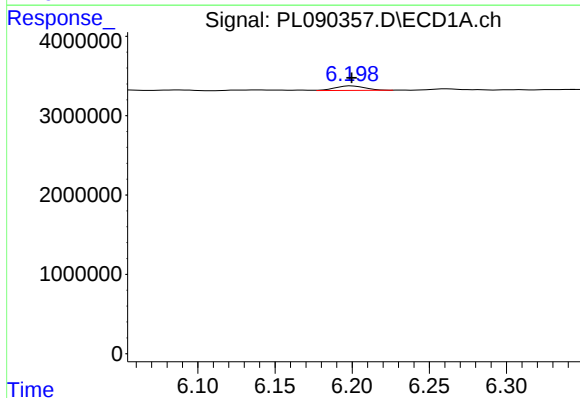
R.T.: 6.007 min
Delta R.T.: -0.021 min
Response: 288431
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



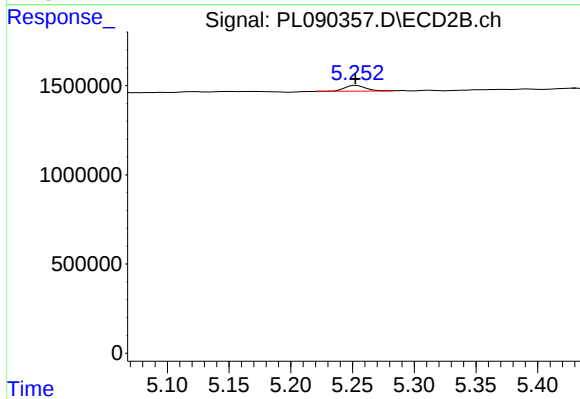
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 69813
Conc: 0.04 ng/ml



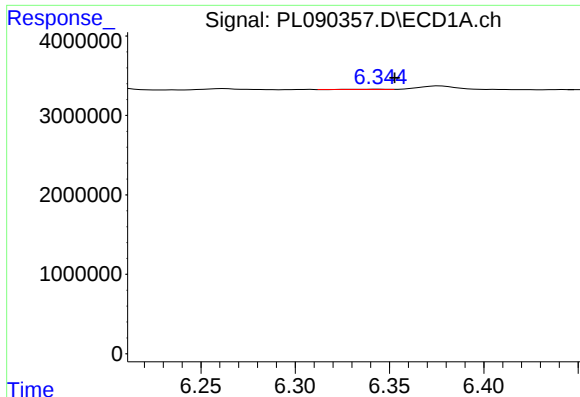
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 757247
Conc: 0.35 ng/ml



#12 4,4'-DDE

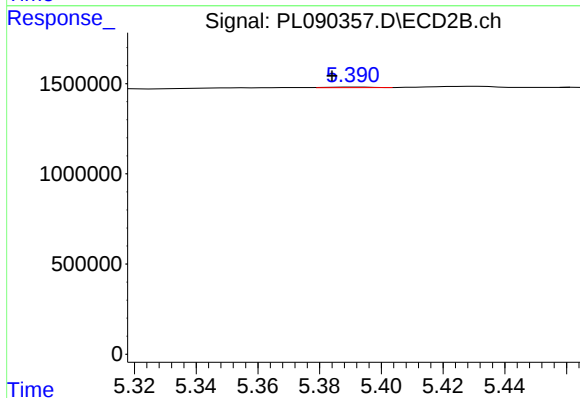
R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 389771
Conc: 0.24 ng/ml



#13 Dieldrin

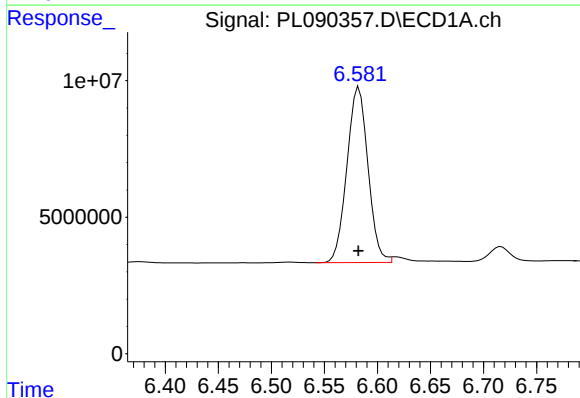
R.T.: 6.345 min
Delta R.T.: -0.008 min
Response: 53600
Conc: 0.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



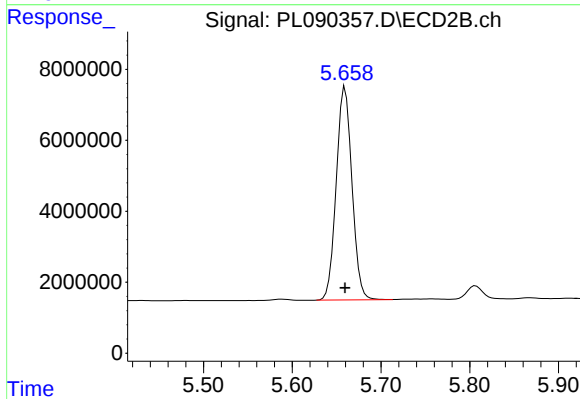
#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: 0.008 min
Response: 24491
Conc: 0.01 ng/ml



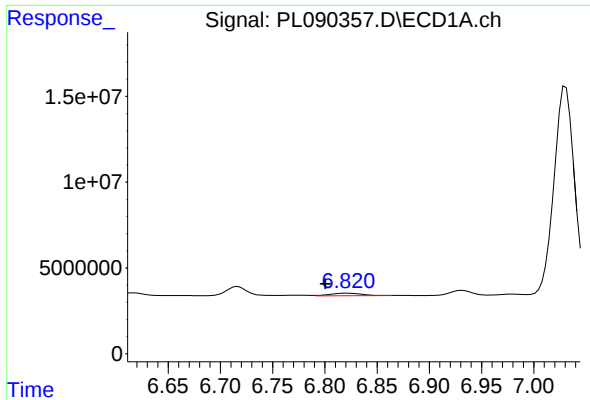
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 88671784
Conc: 41.82 ng/ml



#14 Endrin

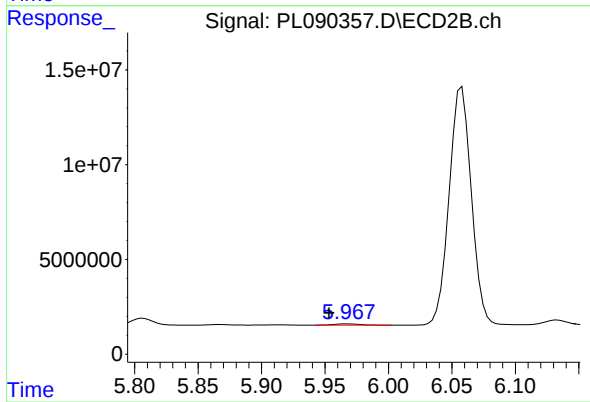
R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 74064901
Conc: 44.79 ng/ml



#15 Endosulfan II

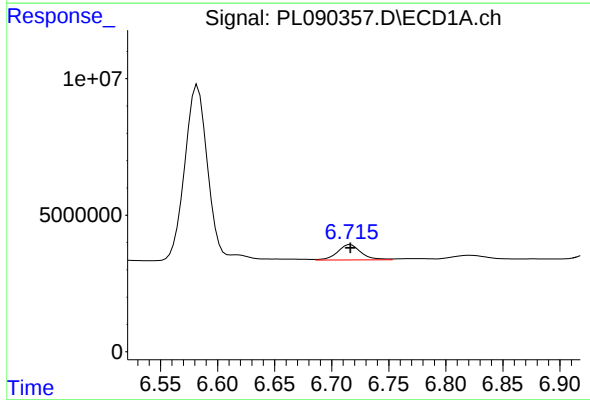
R.T.: 6.821 min
Delta R.T.: 0.021 min
Response: 3112563
Conc: 1.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



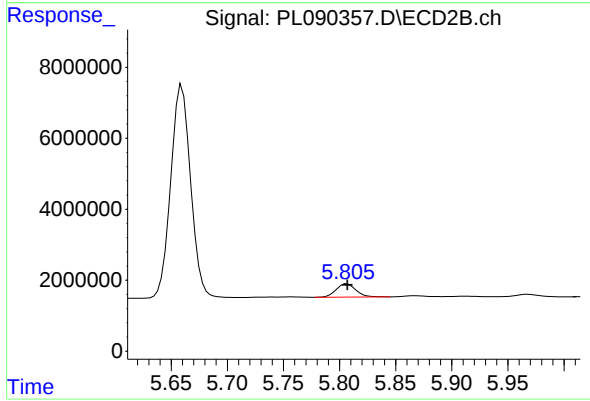
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.015 min
Response: 940652
Conc: 0.57 ng/ml



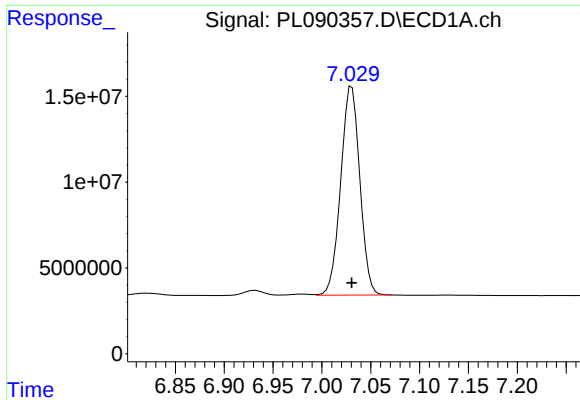
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 7973565
Conc: 4.35 ng/ml



#16 4,4'-DDD

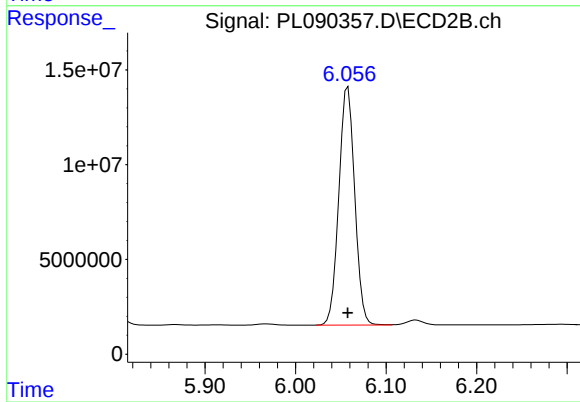
R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 4551688
Conc: 3.32 ng/ml



#17 4,4'-DDT

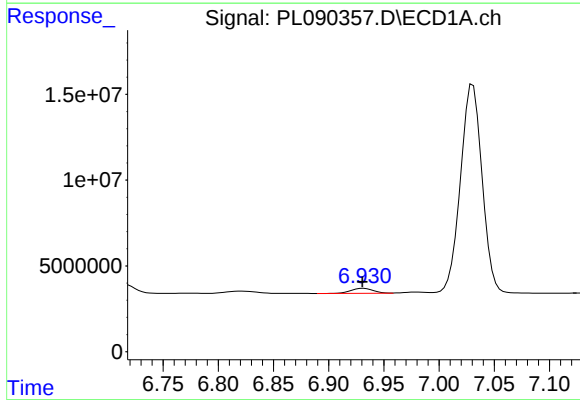
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 165762806
Conc: 86.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



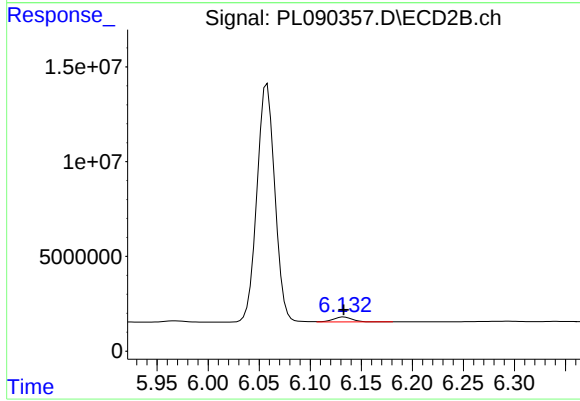
#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 153014174
Conc: 103.38 ng/ml



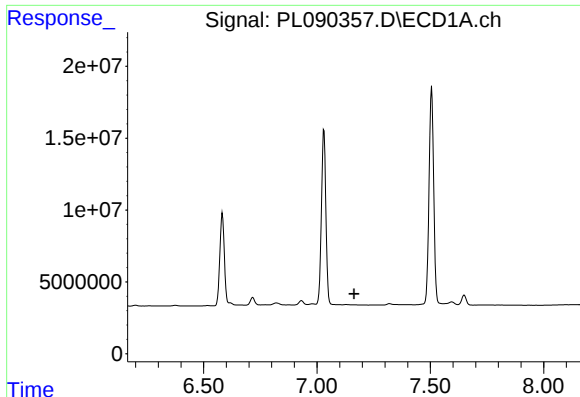
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 4121645
Conc: 2.44 ng/ml



#18 Endrin aldehyde

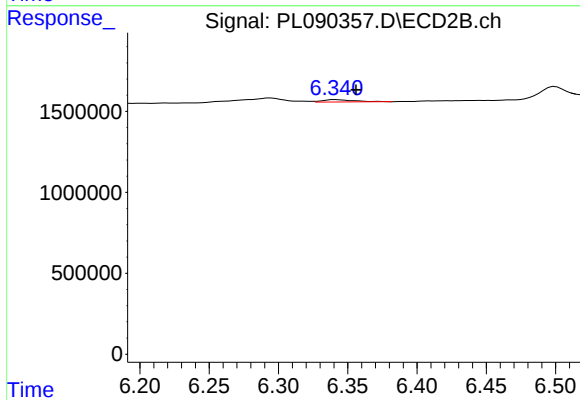
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 3370320
Conc: 2.65 ng/ml



#19 Endosulfan Sulfate

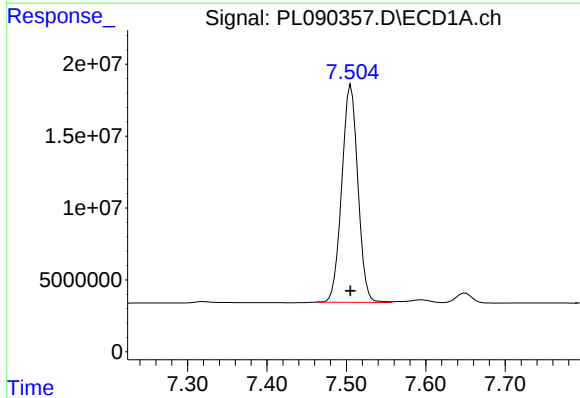
R.T.: 0.000 min
Exp R.T.: 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



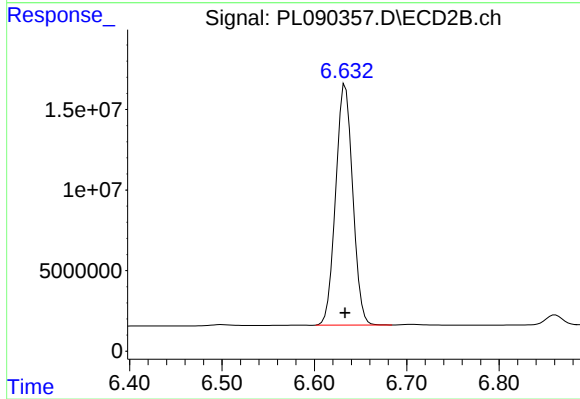
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.015 min
Response: 235486
Conc: 0.15 ng/ml



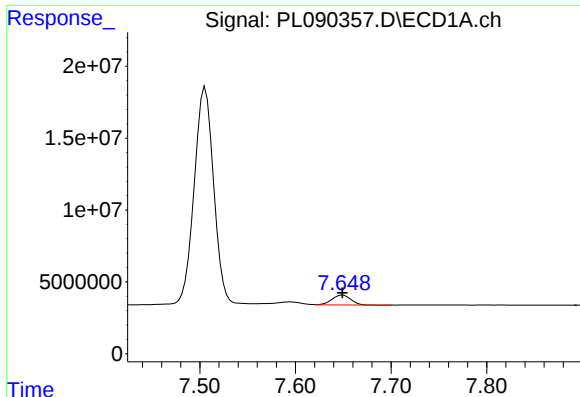
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 213692203
Conc: 207.36 ng/ml



#20 Methoxychlor

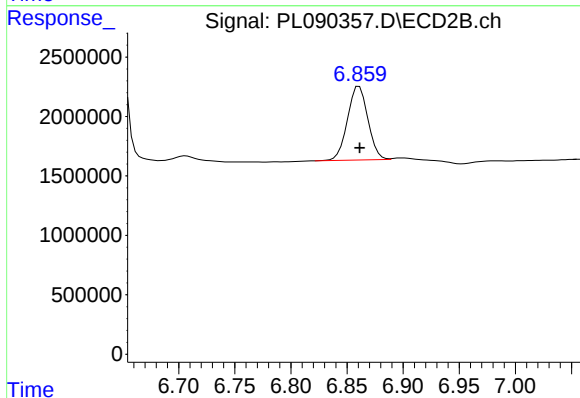
R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 191613319
Conc: 229.68 ng/ml



#21 Endrin ketone

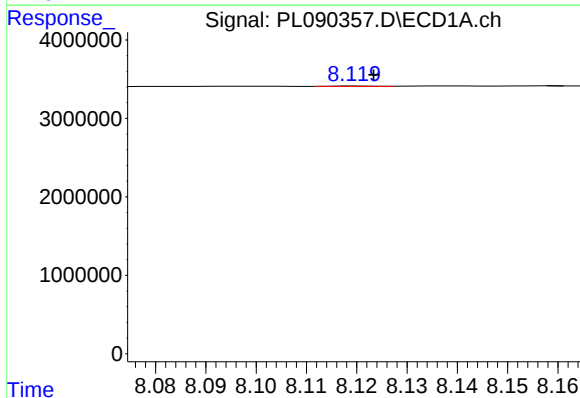
R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 9218608
Conc: 4.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



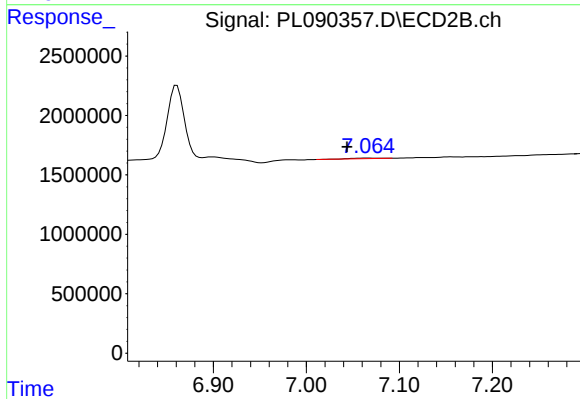
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 7829970
Conc: 4.37 ng/ml



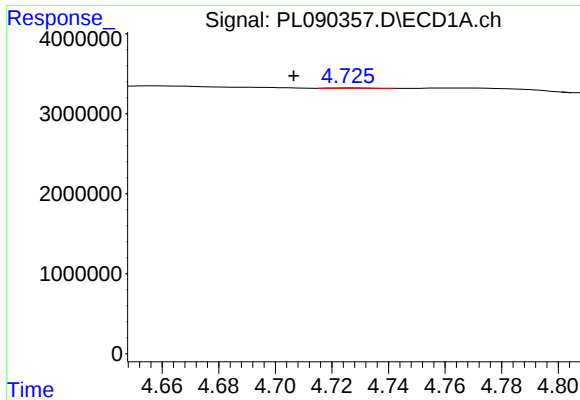
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.003 min
Response: 32198
Conc: 0.02 ng/ml



#22 Mirex

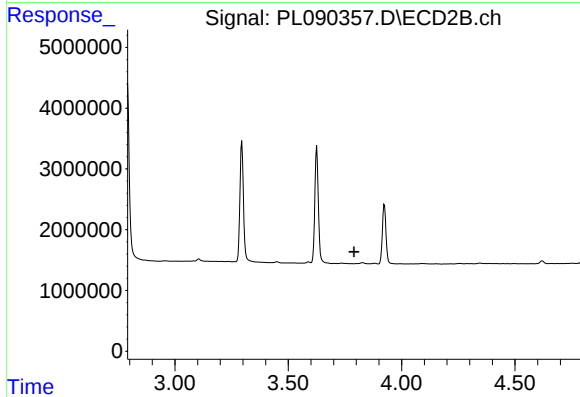
R.T.: 7.065 min
Delta R.T.: 0.021 min
Response: 116523
Conc: 0.08 ng/ml



#23 Chlordane-1

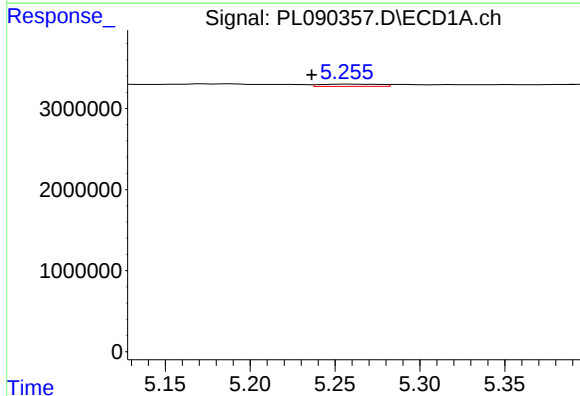
R.T.: 4.726 min
Delta R.T.: 0.019 min
Response: 1091
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



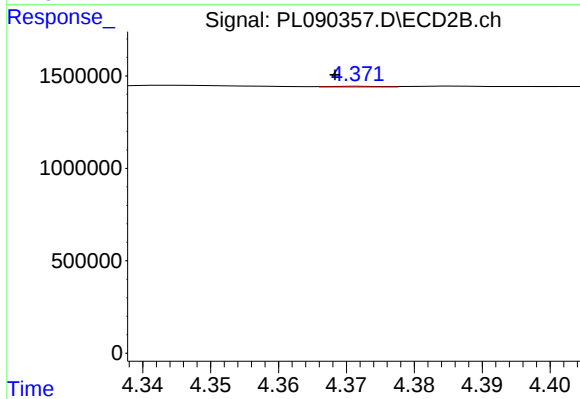
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 3.790 min
Response: 0
Conc: N.D.



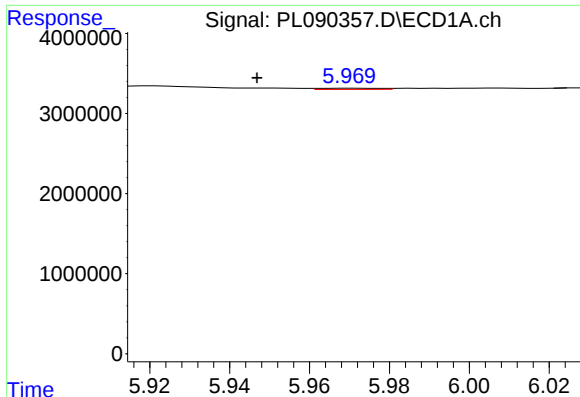
#24 Chlordane-2

R.T.: 5.257 min
Delta R.T.: 0.021 min
Response: 681384
Conc: 5.74 ng/ml



#24 Chlordane-2

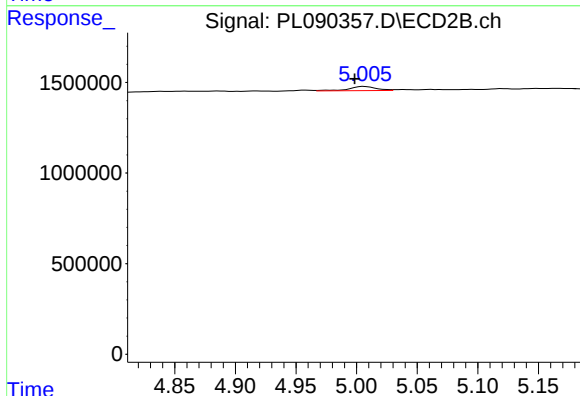
R.T.: 4.373 min
Delta R.T.: 0.004 min
Response: 20830
Conc: 0.29 ng/ml



#25 Chlordane-3

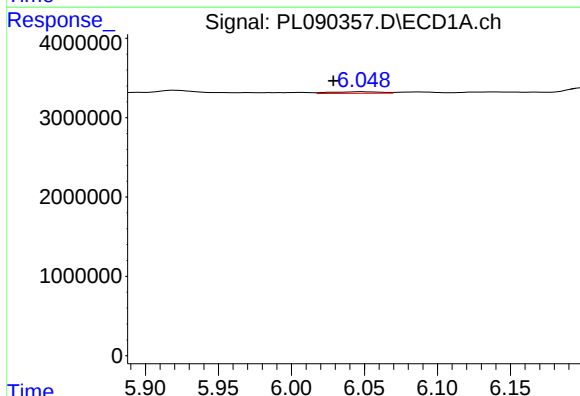
R.T.: 5.971 min
Delta R.T.: 0.024 min
Response: 165330
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



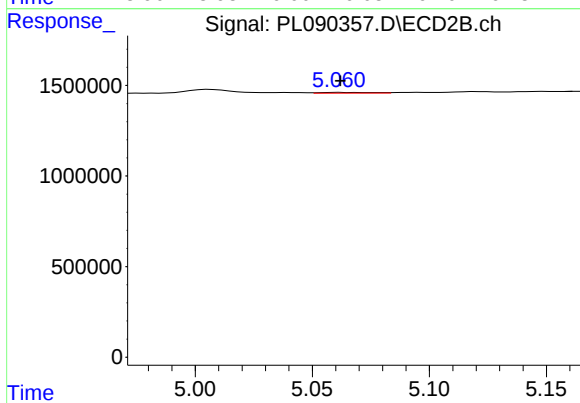
#25 Chlordane-3

R.T.: 5.006 min
Delta R.T.: 0.008 min
Response: 382085
Conc: 1.89 ng/ml



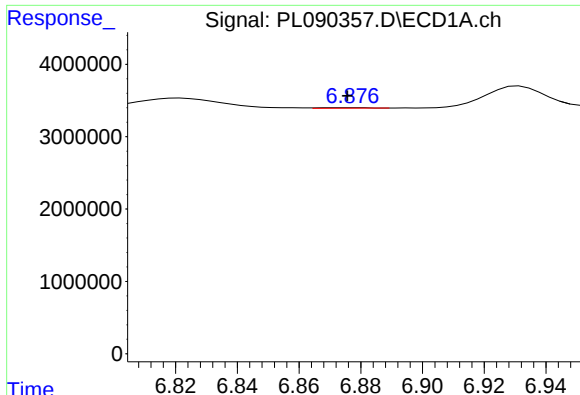
#26 Chlordane-4

R.T.: 6.049 min
Delta R.T.: 0.021 min
Response: 469989
Conc: 1.05 ng/ml



#26 Chlordane-4

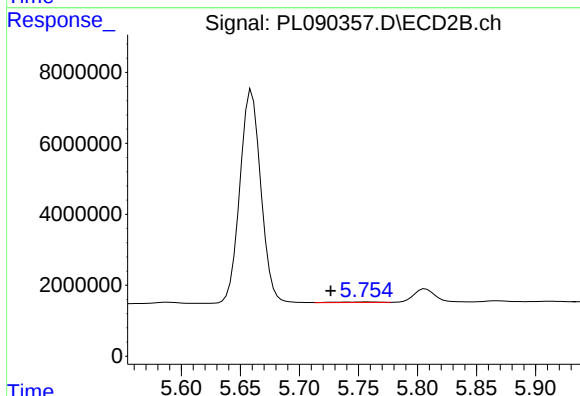
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 69813
Conc: 0.37 ng/ml



#27 Chlordane-5

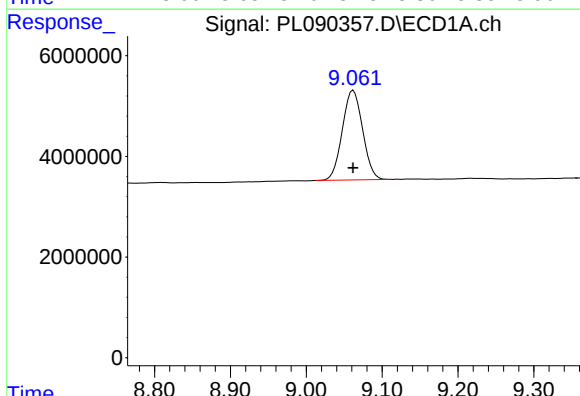
R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 88575
Conc: 0.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



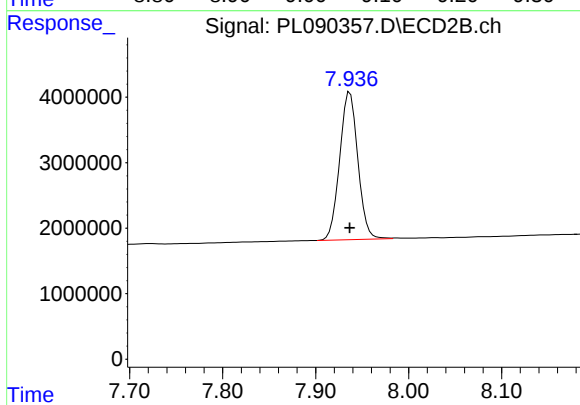
#27 Chlordane-5

R.T.: 5.757 min
Delta R.T.: 0.030 min
Response: 339882
Conc: 5.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 33128078
Conc: 21.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.937 min
Delta R.T.: 0.000 min
Response: 30607424
Conc: 20.52 ng/ml