

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
 Data File : PL090492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jul 2024 16:12
 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: Jul 12 01:07:58 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...	3.545	2.788	42803307	33507747	18.860	21.184
28)	SA Decachlor...	9.056	7.930	30506079	31424711	19.781	21.066
Target Compounds							
2)	A alpha-BHC	4.000	3.291	31538311	23659141	10.055	10.583
3)	MA gamma-BHC...	4.332	3.622	29660938	21544358	9.867	10.077
4)	MA Heptachlor	4.918	3.995f	474622	32409	0.171	0.016 #
5)	MB Aldrin	5.287f	4.254	889534	649941	0.325	0.329
6)	B beta-BHC	4.528	3.920	10390751	10923120	7.714	11.315 #
7)	B delta-BHC	4.754f	4.151	907978	128045	0.322	0.063 #
8)	B Heptachlo...	5.683	4.757	3813764	20003	1.496	0.011 #
9)	A Endosulfan I	6.080	5.141f	446612	62785	0.190	0.036 #
10)	B gamma-Chl...	5.972f	5.002	1177999	362626	0.466	0.189 #
11)	B alpha-Chl...	6.039	5.071	514529	176613	0.206	0.092 #
12)	B 4,4'-DDE	6.195	5.249	892514	1067464	0.409	0.644 #
13)	MA Dieldrin	6.374f	5.375	642123	94520	0.263	0.051 #
14)	MA Endrin	6.578	5.655	85444577	77783237	40.298	47.040
15)	B Endosulfa...	6.814	5.964	3041147	826531	1.375	0.504 #
16)	A 4,4'-DDD	6.712	5.803	9859833	6148343	5.382	4.486
17)	MA 4,4'-DDT	7.026	6.053	153.6E6	156.3E6	80.070	105.607 #
18)	B Endrin al...	6.926	6.128	4145692	3391033	2.455	2.663
19)	B Endosulfa...	0.000	6.350	0	165697	N.D.	0.106 #
20)	A Methoxychlor	7.500	6.629	201.1E6	200.1E6	195.106	239.826
21)	B Endrin ke...	7.644	6.856	8436498	7381294	3.889	4.122
22)	Mirex	8.133	7.028f	285054	7961	0.164	0.005 #
23)	Chlordane-1	0.000	3.794	0	89873	N.D.	1.476 #
24)	Chlordane-2	5.245	4.377	3014710	828026	25.415	11.718 #
25)	Chlordane-3	5.972f	5.002	1177999	362626	3.204	1.796 #
26)	Chlordane-4	6.039	5.071	514529	176613	1.153	0.925
27)	Chlordane-5	6.874	5.750f	235368	297445	2.613	4.924 #

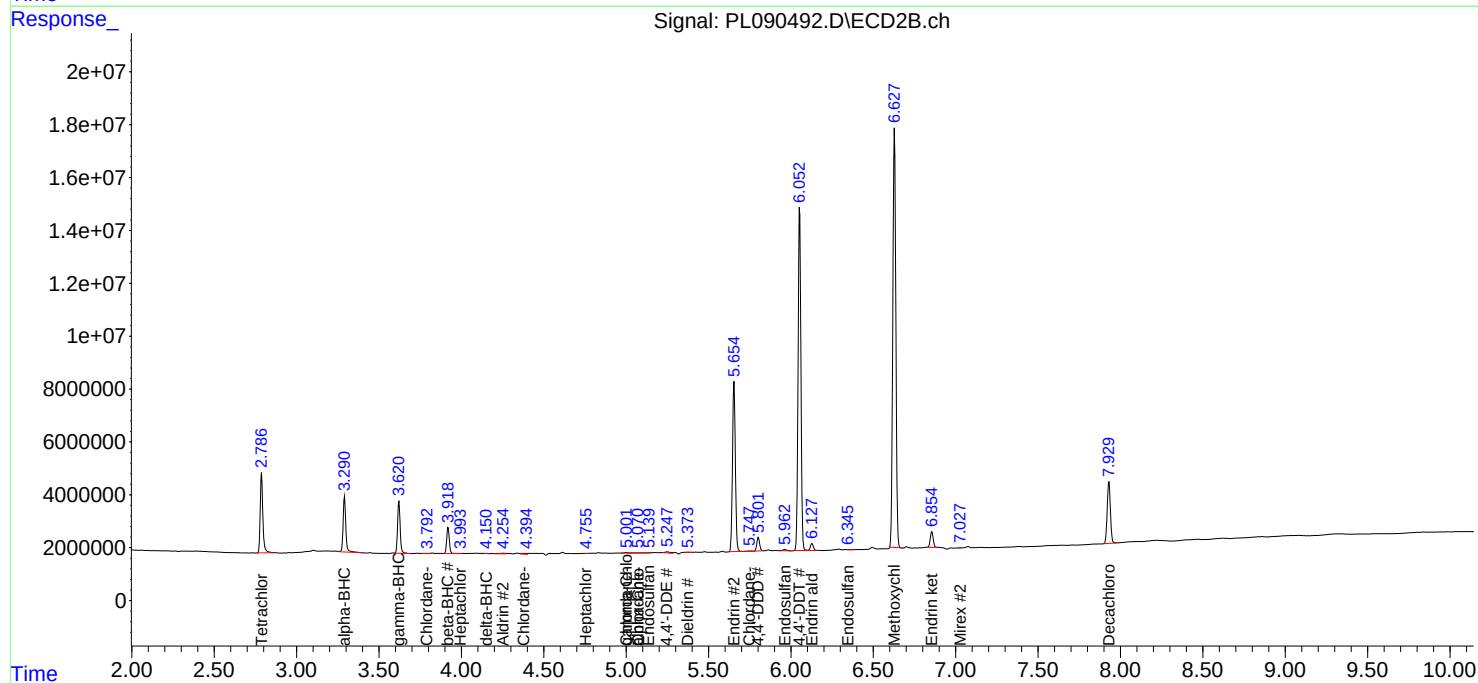
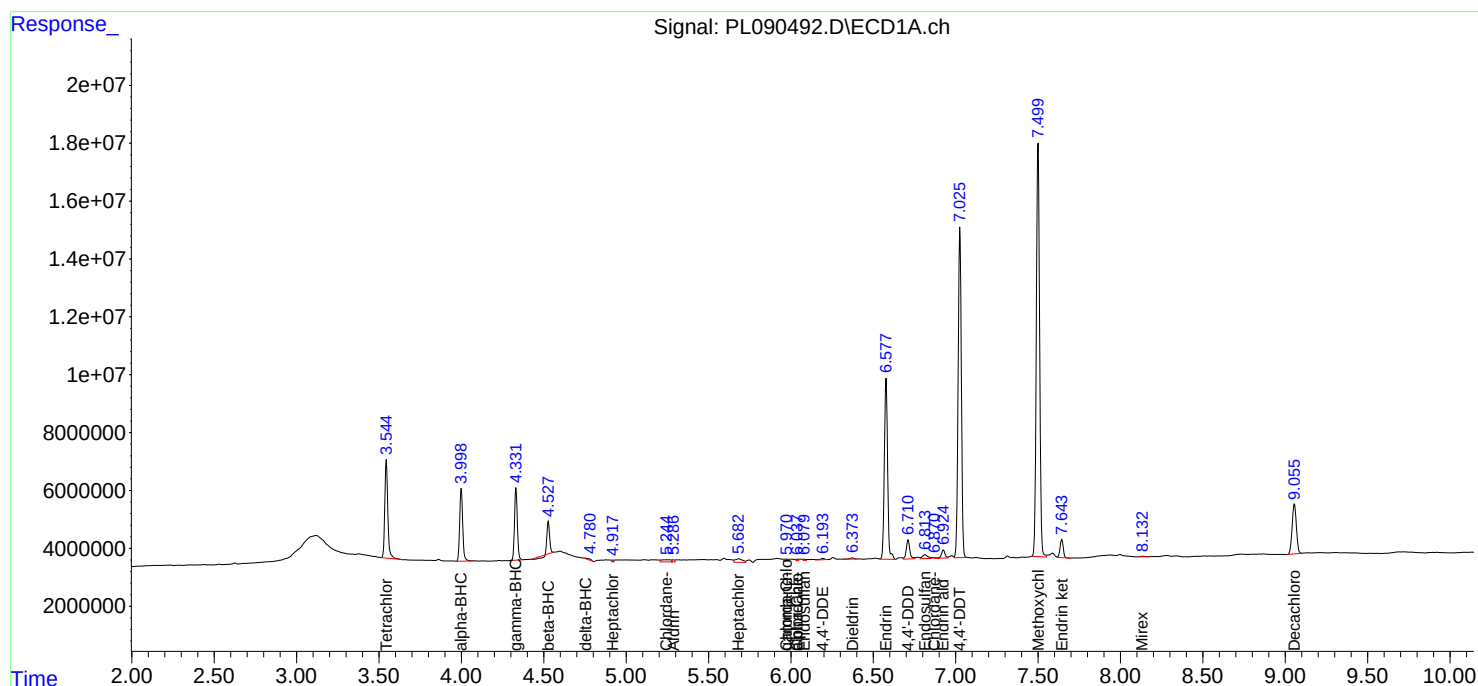
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

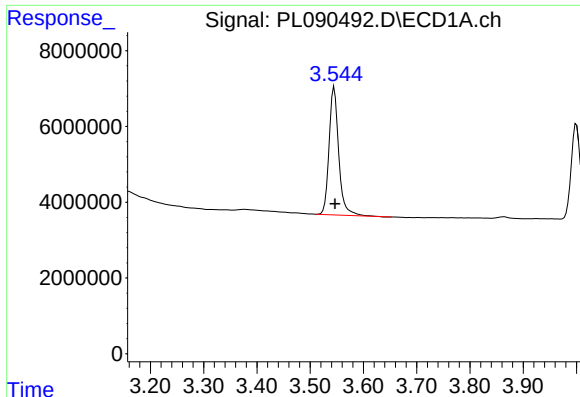
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071124\
Data File : PL090492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jul 2024 16:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 12 01:07:58 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
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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

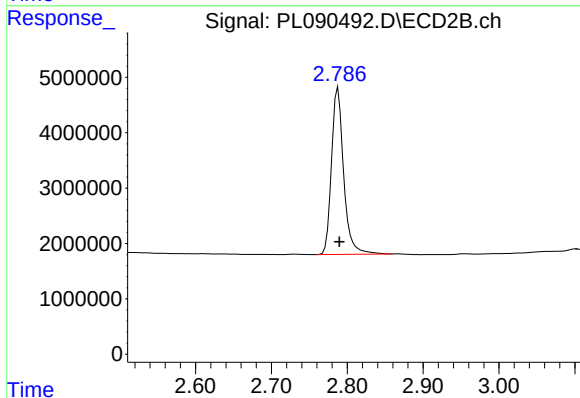




#1 Tetrachloro-m-xylene

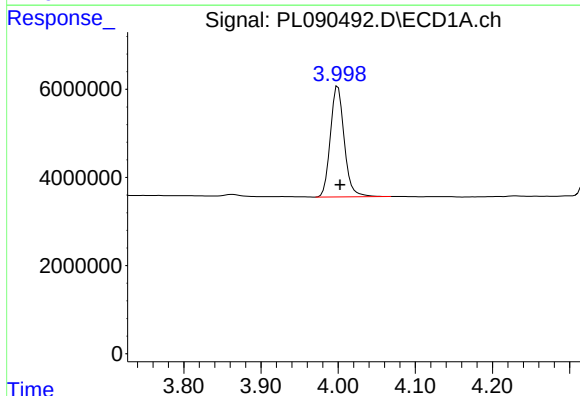
R.T.: 3.545 min
Delta R.T.: -0.002 min
Response: 42803307
Conc: 18.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



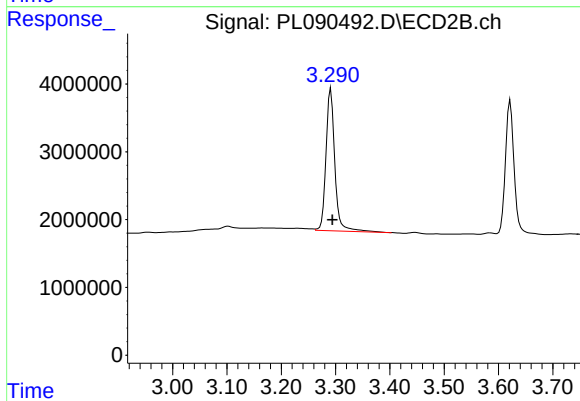
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 33507747
Conc: 21.18 ng/ml



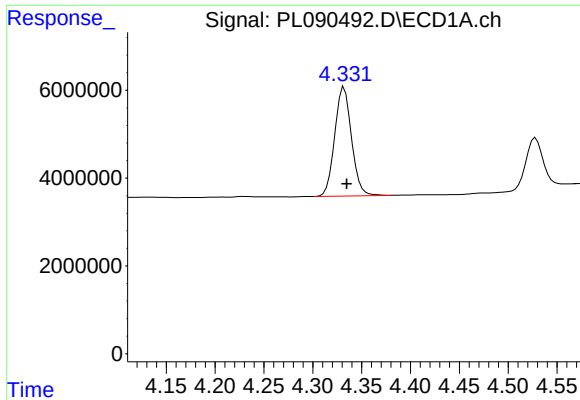
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.003 min
Response: 31538311
Conc: 10.06 ng/ml



#2 alpha-BHC

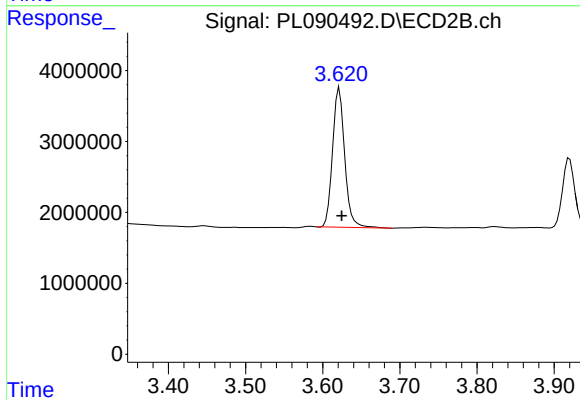
R.T.: 3.291 min
Delta R.T.: -0.003 min
Response: 23659141
Conc: 10.58 ng/ml



#3 gamma-BHC (Lindane)

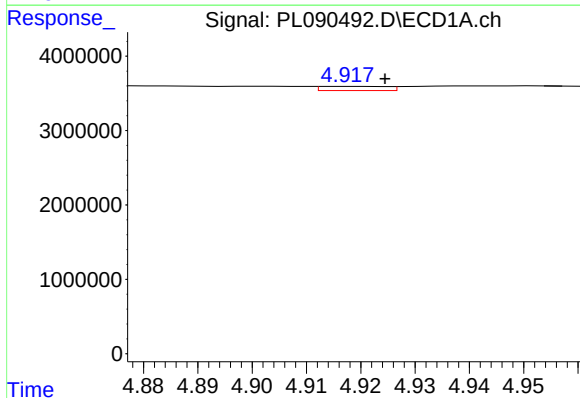
R.T.: 4.332 min
Delta R.T.: -0.003 min
Response: 29660938
Conc: 9.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



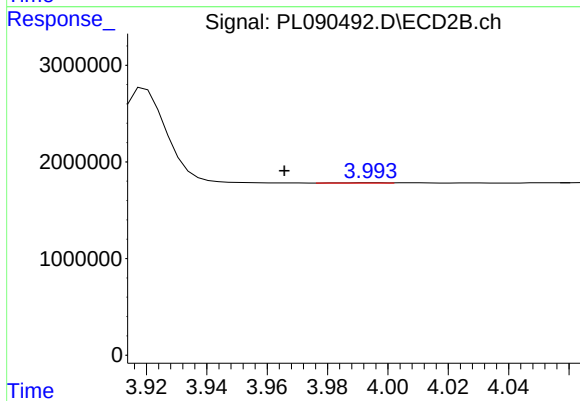
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.003 min
Response: 21544358
Conc: 10.08 ng/ml



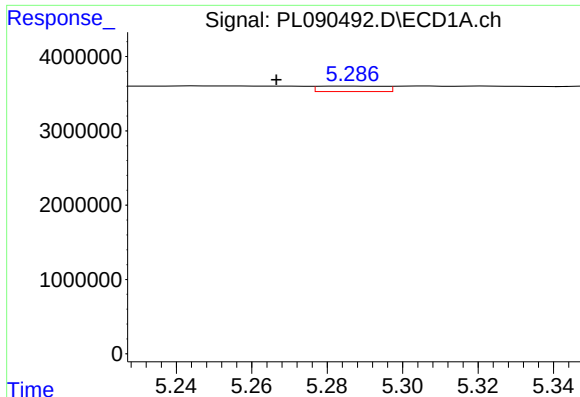
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 474622
Conc: 0.17 ng/ml



#4 Heptachlor

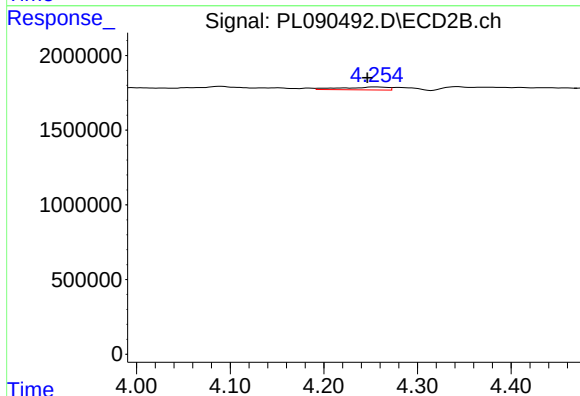
R.T.: 3.995 min
Delta R.T.: 0.029 min
Response: 32409
Conc: 0.02 ng/ml



#5 Aldrin

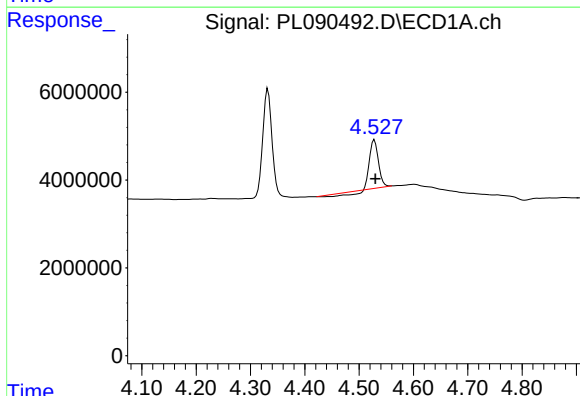
R.T.: 5.287 min
Delta R.T.: 0.020 min
Response: 889534
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



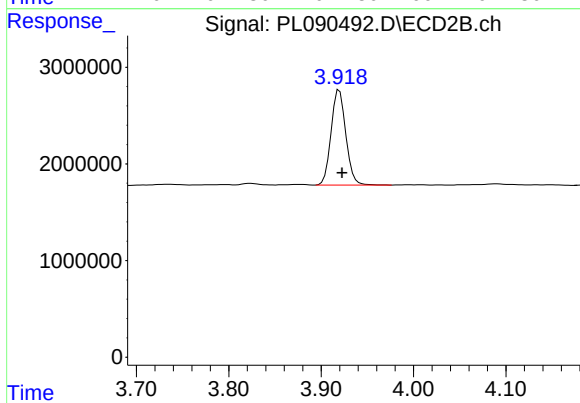
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: 0.008 min
Response: 649941
Conc: 0.33 ng/ml



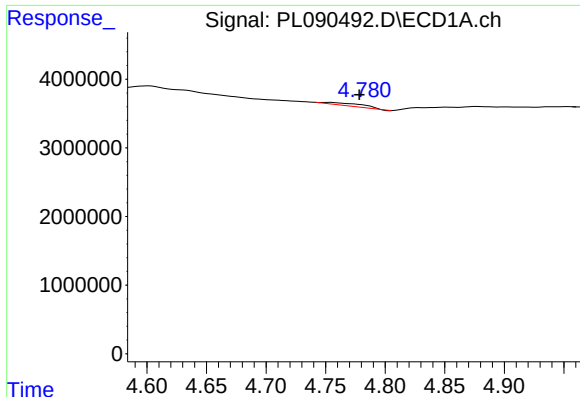
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.002 min
Response: 10390751
Conc: 7.71 ng/ml



#6 beta-BHC

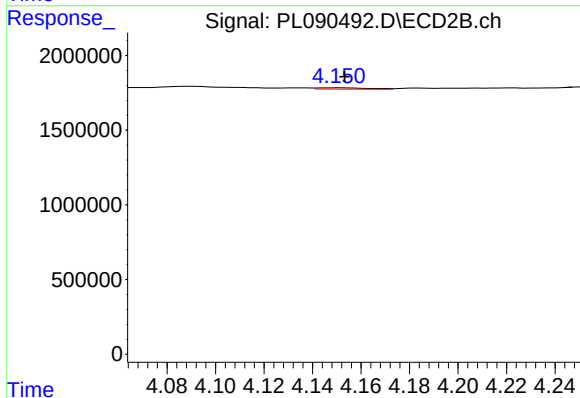
R.T.: 3.920 min
Delta R.T.: -0.003 min
Response: 10923120
Conc: 11.31 ng/ml



#7 delta-BHC

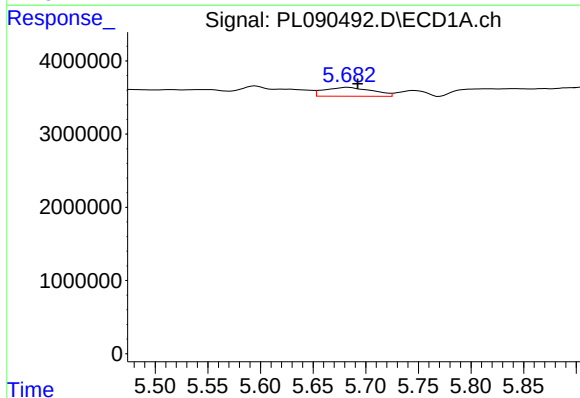
R.T.: 4.754 min
Delta R.T.: -0.024 min
Response: 907978
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



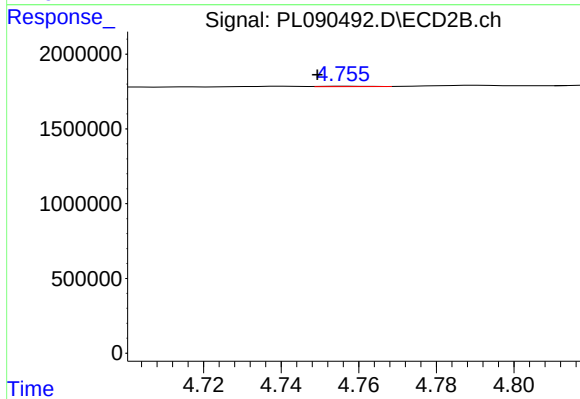
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 128045
Conc: 0.06 ng/ml



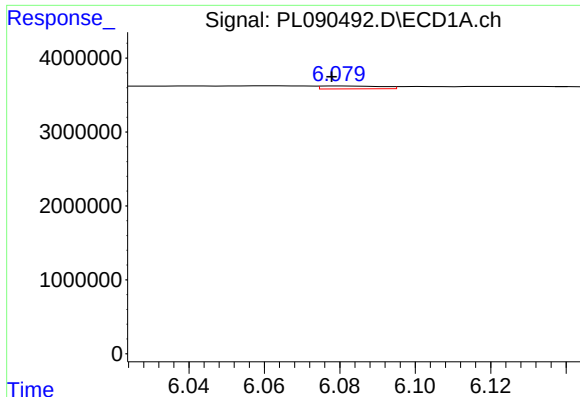
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 3813764
Conc: 1.50 ng/ml



#8 Heptachlor epoxide

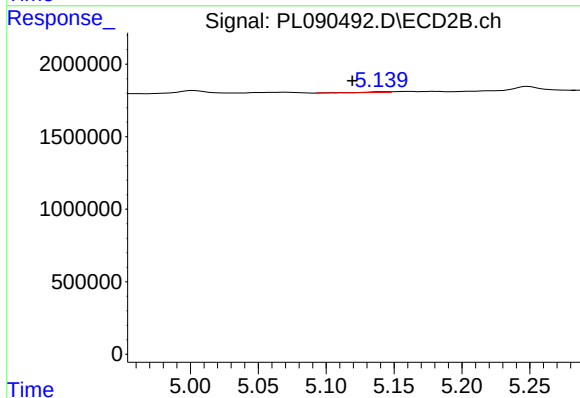
R.T.: 4.757 min
Delta R.T.: 0.007 min
Response: 20003
Conc: 0.01 ng/ml



#9 Endosulfan I

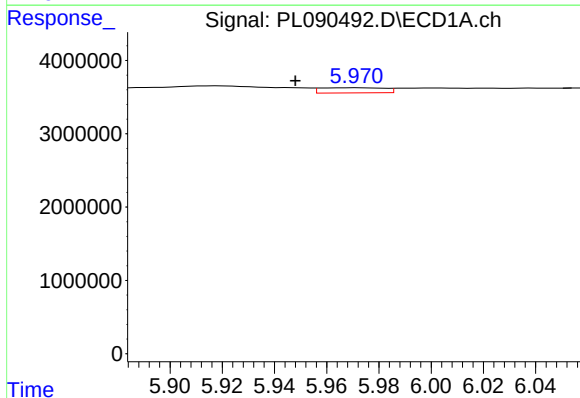
R.T.: 6.080 min
Delta R.T.: 0.002 min
Response: 446612
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



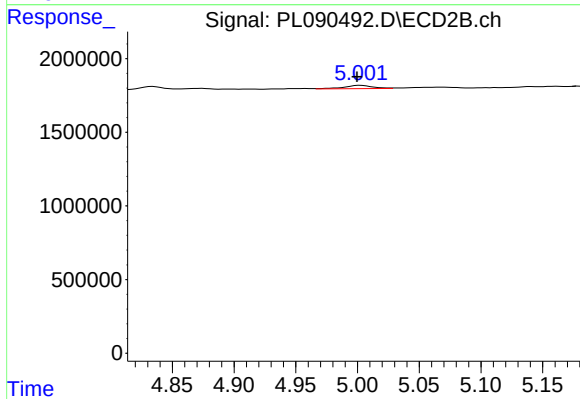
#9 Endosulfan I

R.T.: 5.141 min
Delta R.T.: 0.021 min
Response: 62785
Conc: 0.04 ng/ml



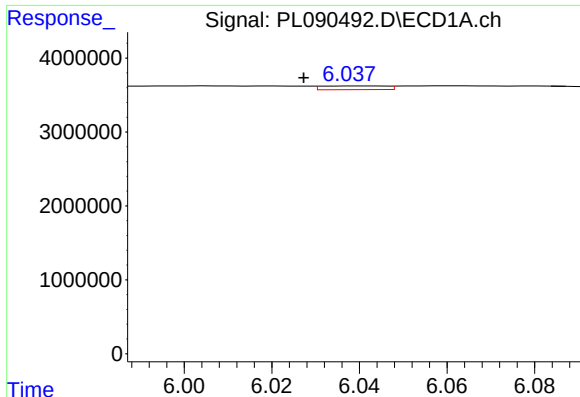
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.024 min
Response: 1177999
Conc: 0.47 ng/ml



#10 gamma-Chlordane

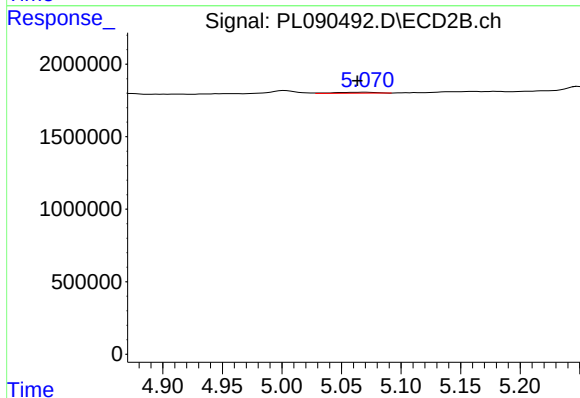
R.T.: 5.002 min
Delta R.T.: 0.003 min
Response: 362626
Conc: 0.19 ng/ml



#11 alpha-Chlordane

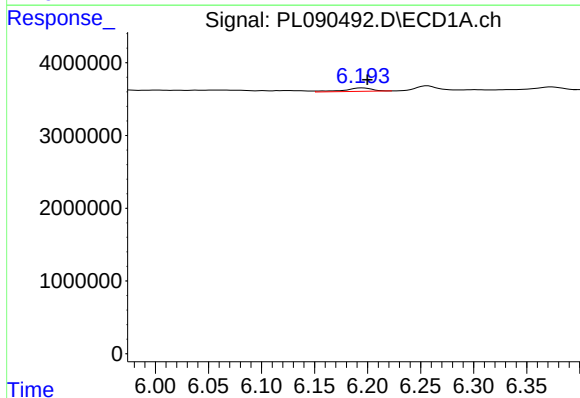
R.T.: 6.039 min
Delta R.T.: 0.012 min
Response: 514529
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



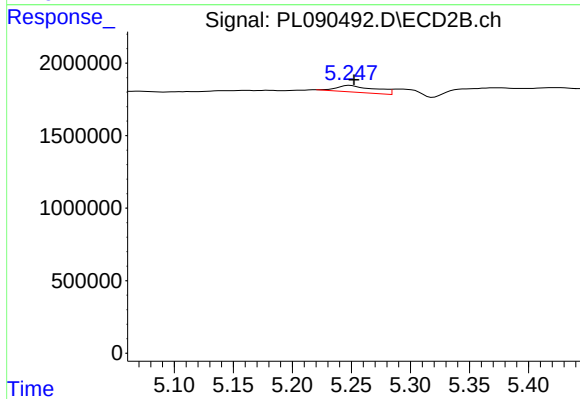
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.007 min
Response: 176613
Conc: 0.09 ng/ml



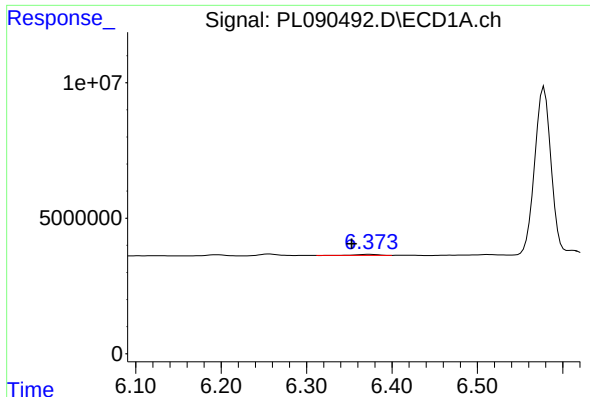
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.005 min
Response: 892514
Conc: 0.41 ng/ml



#12 4,4'-DDE

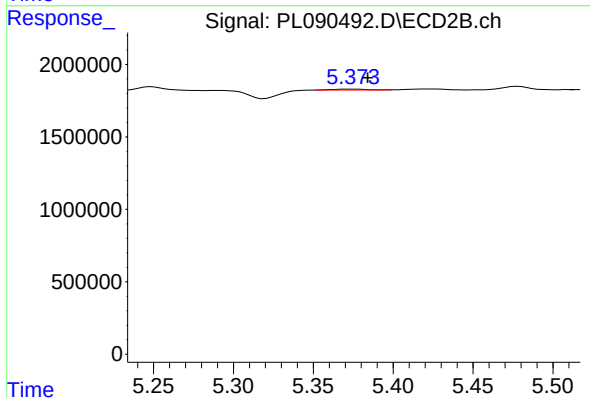
R.T.: 5.249 min
Delta R.T.: -0.004 min
Response: 1067464
Conc: 0.64 ng/ml



#13 Dieldrin

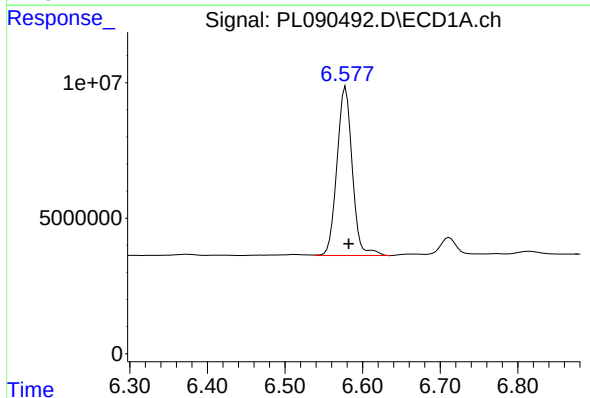
R.T.: 6.374 min
Delta R.T.: 0.021 min
Response: 642123
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



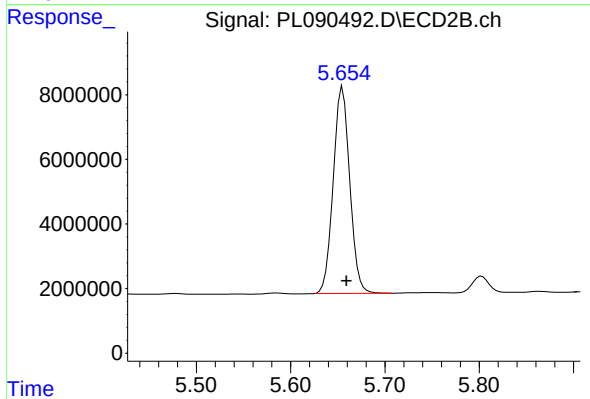
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.009 min
Response: 94520
Conc: 0.05 ng/ml



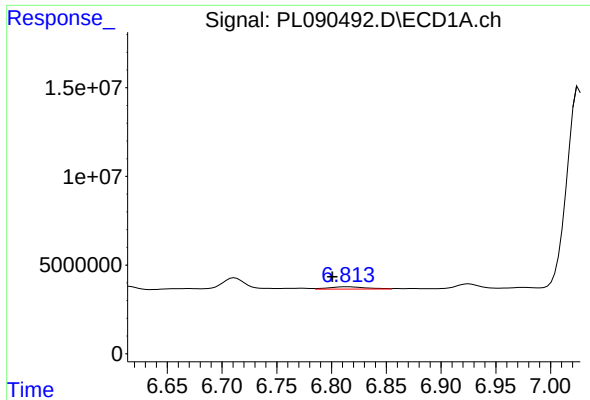
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 85444577
Conc: 40.30 ng/ml



#14 Endrin

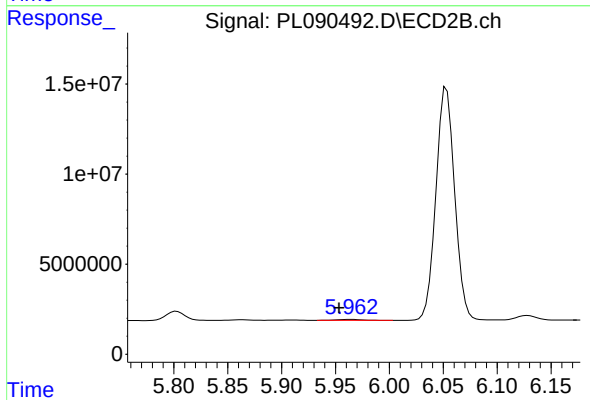
R.T.: 5.655 min
Delta R.T.: -0.004 min
Response: 77783237
Conc: 47.04 ng/ml



#15 Endosulfan II

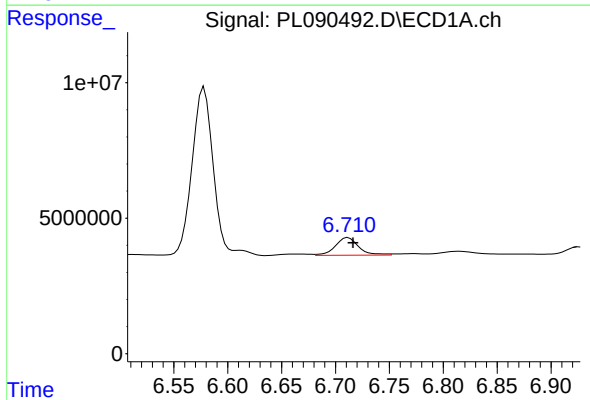
R.T.: 6.814 min
Delta R.T.: 0.014 min
Response: 3041147
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



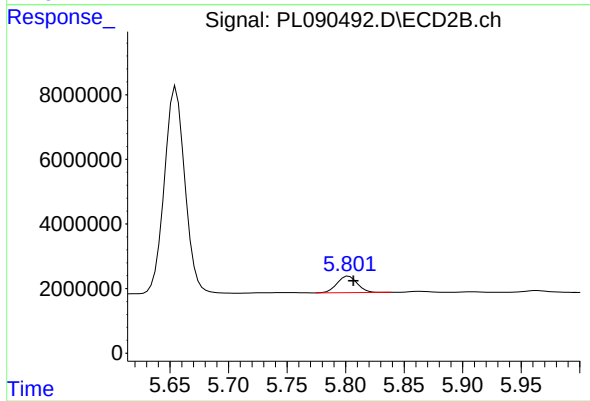
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.010 min
Response: 826531
Conc: 0.50 ng/ml



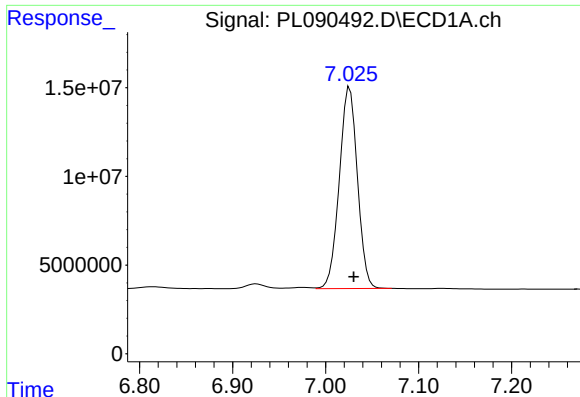
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 9859833
Conc: 5.38 ng/ml



#16 4,4'-DDD

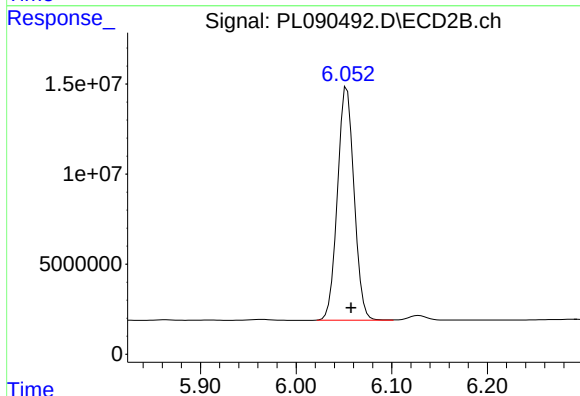
R.T.: 5.803 min
Delta R.T.: -0.004 min
Response: 6148343
Conc: 4.49 ng/ml



#17 4,4'-DDT

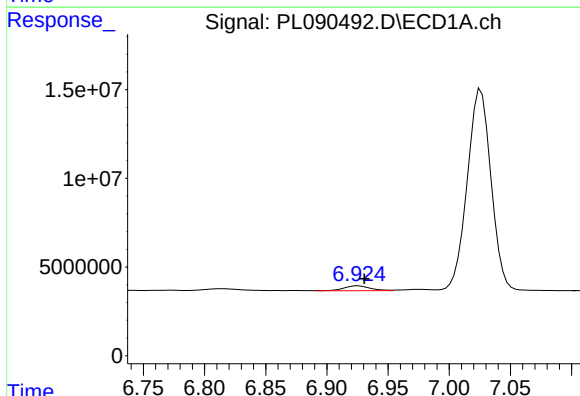
R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 153648164
Conc: 80.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



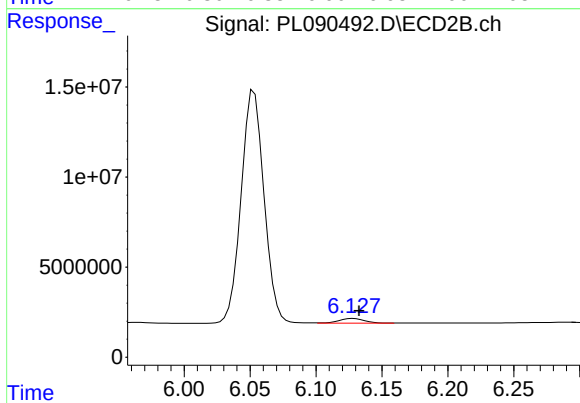
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: -0.004 min
Response: 156311191
Conc: 105.61 ng/ml



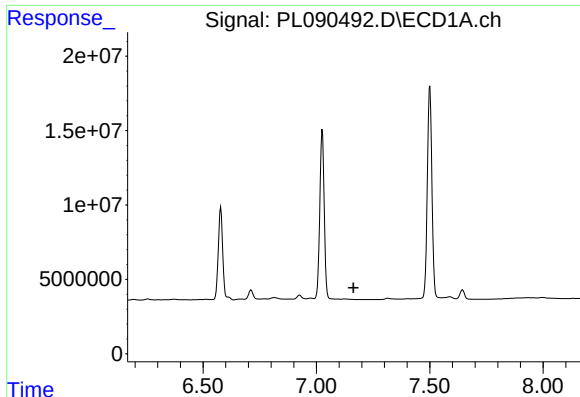
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 4145692
Conc: 2.46 ng/ml



#18 Endrin aldehyde

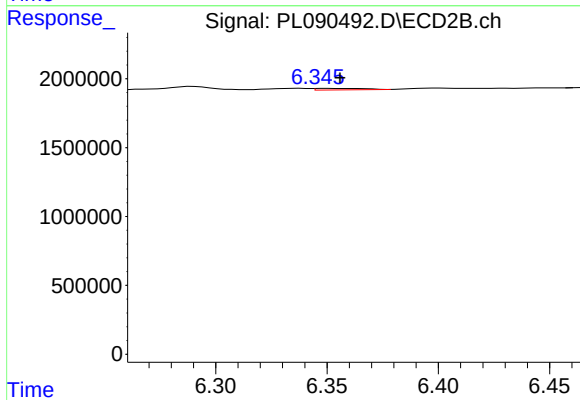
R.T.: 6.128 min
Delta R.T.: -0.004 min
Response: 3391033
Conc: 2.66 ng/ml



#19 Endosulfan Sulfate

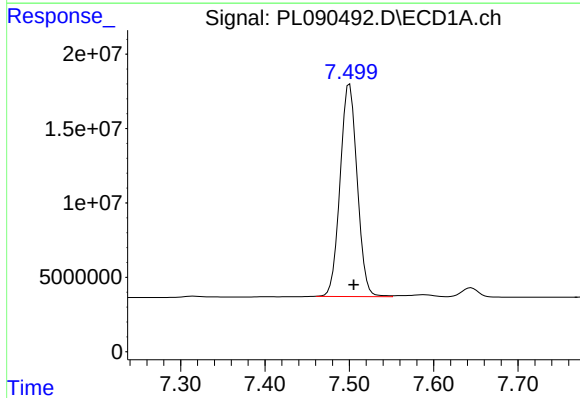
R.T.: 0.000 min
Exp R.T.: 7.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



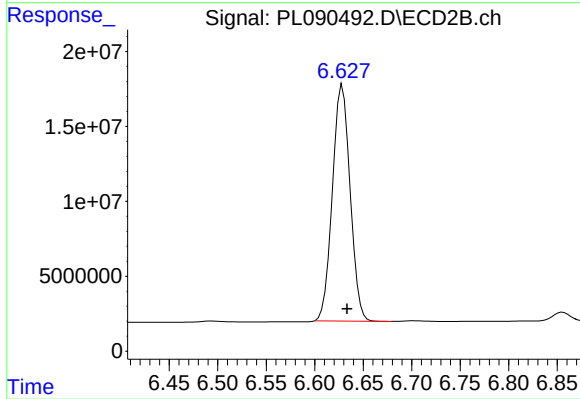
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: -0.006 min
Response: 165697
Conc: 0.11 ng/ml



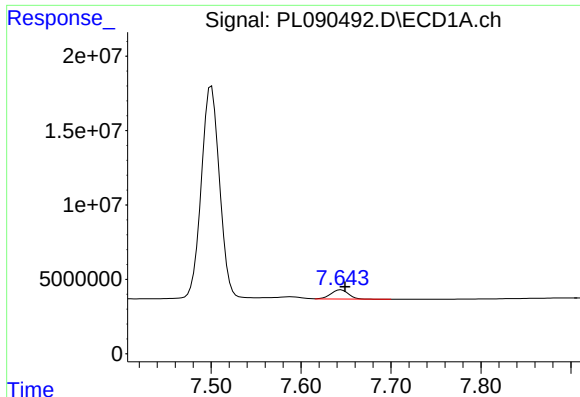
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: -0.005 min
Response: 201064115
Conc: 195.11 ng/ml



#20 Methoxychlor

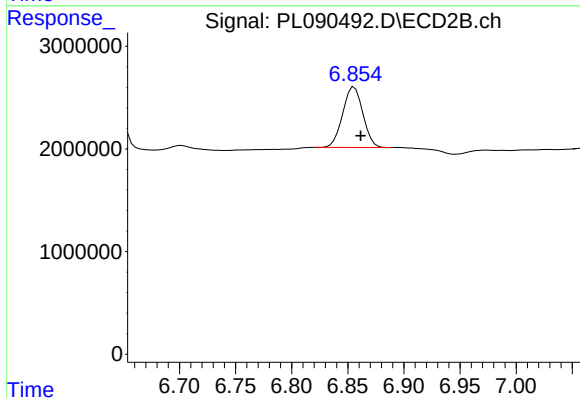
R.T.: 6.629 min
Delta R.T.: -0.005 min
Response: 200080037
Conc: 239.83 ng/ml



#21 Endrin ketone

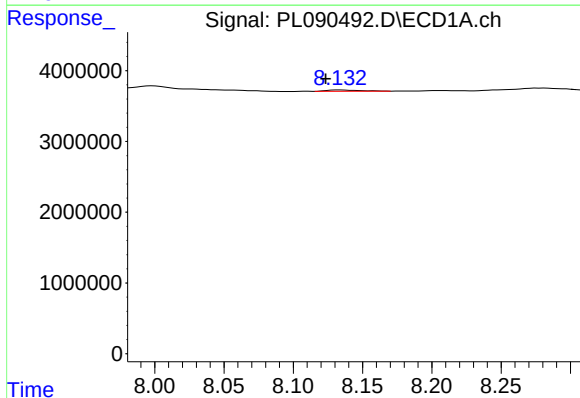
R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 8436498
Conc: 3.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



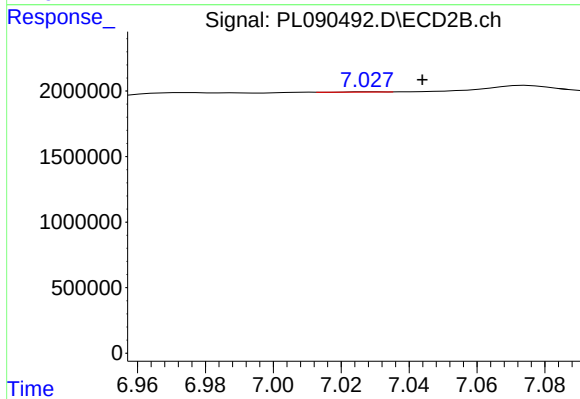
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.006 min
Response: 7381294
Conc: 4.12 ng/ml



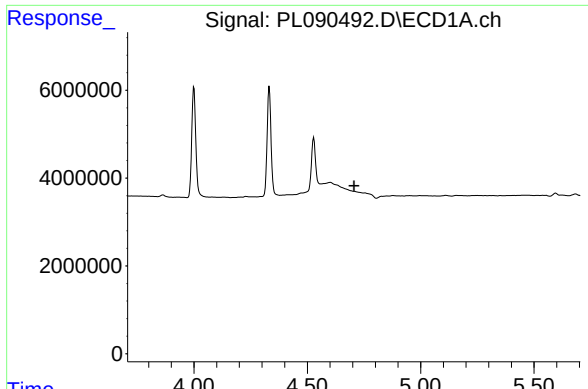
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.010 min
Response: 285054
Conc: 0.16 ng/ml



#22 Mirex

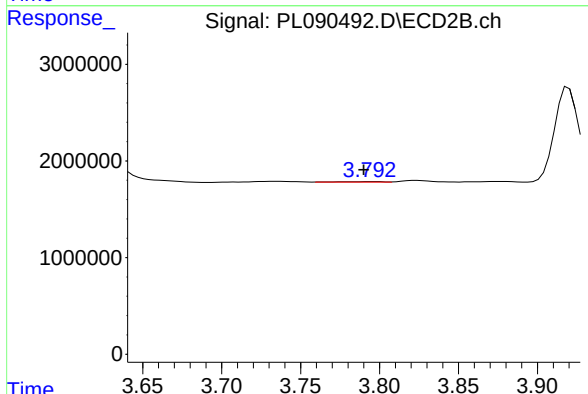
R.T.: 7.028 min
Delta R.T.: -0.016 min
Response: 7961
Conc: 0.01 ng/ml



#23 Chlordane-1

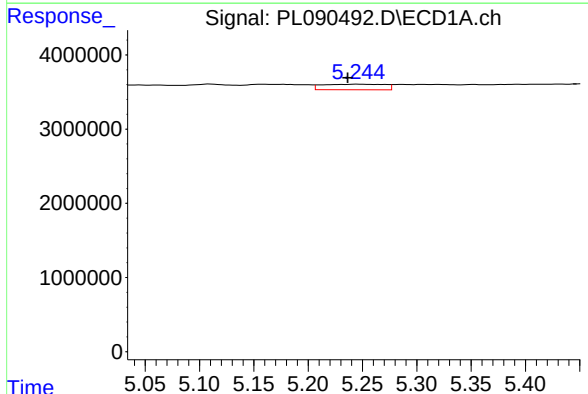
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



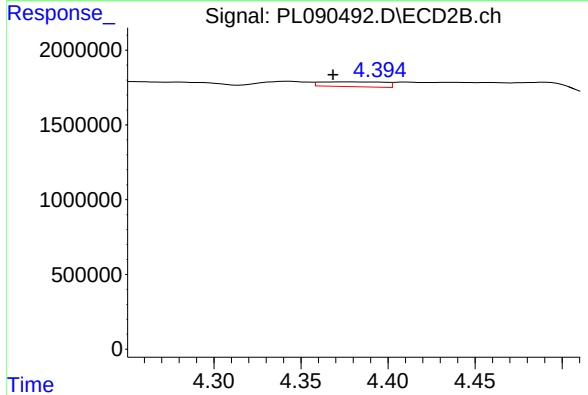
#23 Chlordane-1

R.T.: 3.794 min
Delta R.T.: 0.004 min
Response: 89873
Conc: 1.48 ng/ml



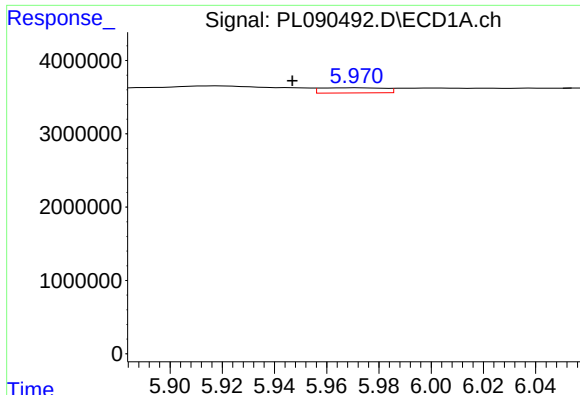
#24 Chlordane-2

R.T.: 5.245 min
Delta R.T.: 0.009 min
Response: 3014710
Conc: 25.42 ng/ml



#24 Chlordane-2

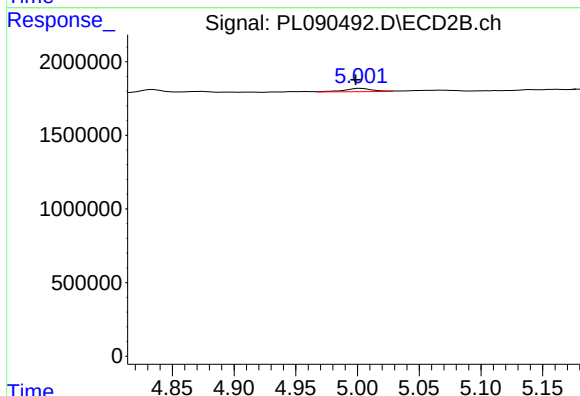
R.T.: 4.377 min
Delta R.T.: 0.009 min
Response: 828026
Conc: 11.72 ng/ml



#25 Chlordane-3

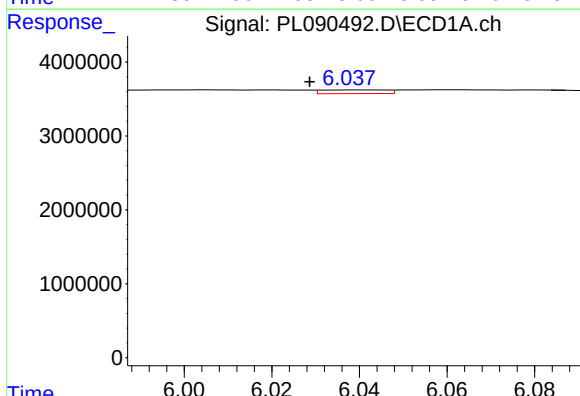
R.T.: 5.972 min
Delta R.T.: 0.026 min
Response: 1177999
Conc: 3.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



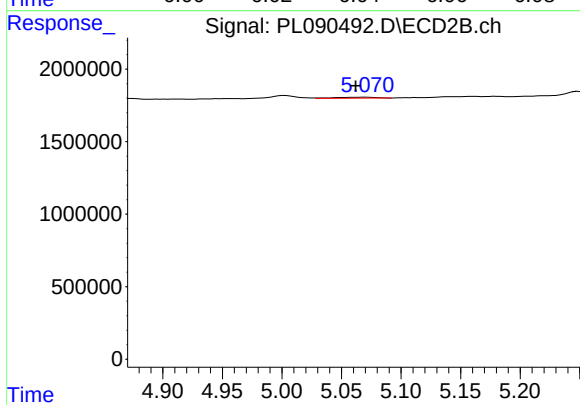
#25 Chlordane-3

R.T.: 5.002 min
Delta R.T.: 0.004 min
Response: 362626
Conc: 1.80 ng/ml



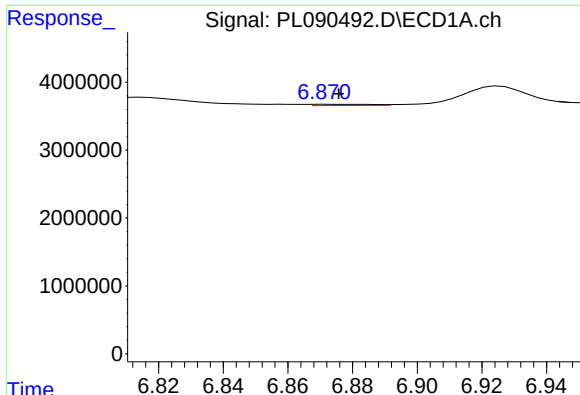
#26 Chlordane-4

R.T.: 6.039 min
Delta R.T.: 0.011 min
Response: 514529
Conc: 1.15 ng/ml



#26 Chlordane-4

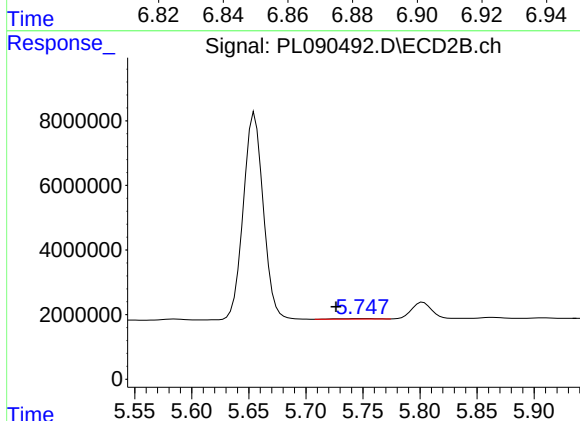
R.T.: 5.071 min
Delta R.T.: 0.009 min
Response: 176613
Conc: 0.93 ng/ml



#27 Chlordane-5

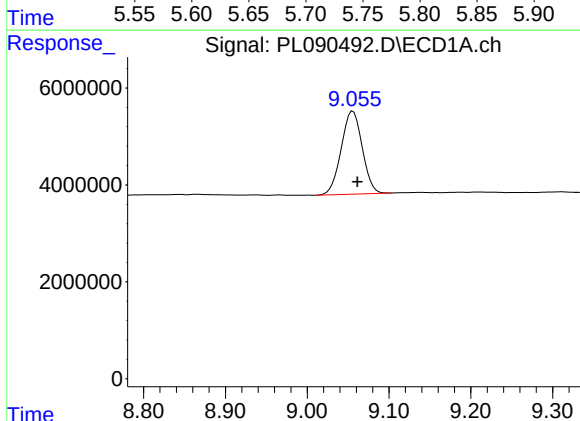
R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 235368
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



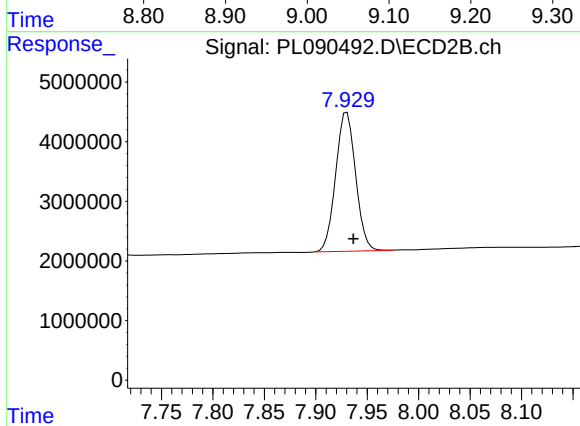
#27 Chlordane-5

R.T.: 5.750 min
Delta R.T.: 0.023 min
Response: 297445
Conc: 4.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.006 min
Response: 30506079
Conc: 19.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min
Delta R.T.: -0.006 min
Response: 31424711
Conc: 21.07 ng/ml