

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
 Data File : PL090460.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2024 09:45
 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 11 01:23:33 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...	3.547	2.790	44247709	32709186	19.496	20.679
28)	SA Decachlor...	9.060	7.934	33740650	32461462	21.878	21.761
Target Compounds							
2)	A alpha-BHC	4.002	3.293	32999902	22364863	10.521	10.004
3)	MA gamma-BHC...	4.334	3.623	31323327	20902032	10.420	9.777
4)	MA Heptachlor	4.917	3.981f	1259492	61836	0.453	0.030 #
5)	MB Aldrin	5.253	4.260	2960854	118783	1.082	0.060 #
6)	B beta-BHC	4.530	3.922	15046617	11022301	11.171	11.418
7)	B delta-BHC	4.762f	4.153	1147170	63059	0.407	0.031 #
8)	B Heptachlo...	5.688	4.750	2459686	22969	0.965	0.013 #
9)	A Endosulfan I	6.091	5.127	844078	619653	0.358	0.358
10)	B gamma-Chl...	5.972f	5.004	1138659	352012	0.451	0.184 #
11)	B alpha-Chl...	6.045f	5.052	674001	72587	0.270	0.038 #
12)	B 4,4'-DDE	6.199	5.252	718916	368581	0.329	0.222 #
13)	MA Dieldrin	6.337f	5.374	-28268	407559	N.D.	0.221
14)	MA Endrin	6.581	5.657	89706967	79039552	42.309	47.799
15)	B Endosulfa...	6.817f	5.966	2955672	531173	1.337	0.324 #
16)	A 4,4'-DDD	6.715	5.805	4412440	2005216	2.408	1.463 #
17)	MA 4,4'-DDT	7.029	6.056	166.3E6	161.9E6	86.656	109.409 #
18)	B Endrin al...	6.929	6.131	3030685	2875070	1.795	2.258 #
19)	B Endosulfa...	7.153	6.343	159491	146101	0.081	0.093
20)	A Methoxychlor	7.504	6.630	216.7E6	201.1E6	210.273	241.006
21)	B Endrin ke...	7.648	6.858	6379293	4966826	2.941	2.774
22)	Mirex	8.133	0.000	109350	0	0.063	N.D. #
23)	Chlordane-1	0.000	3.801	0	56976	N.D.	0.936 #
24)	Chlordane-2	5.253	4.347f	2960854	354982	24.961	5.023 #
25)	Chlordane-3	5.972f	5.004	1138659	352012	3.097	1.743 #
26)	Chlordane-4	6.045	5.052	674001	72587	1.511	0.380 #
27)	Chlordane-5	0.000	5.751f	0	229881	N.D.	3.806 #

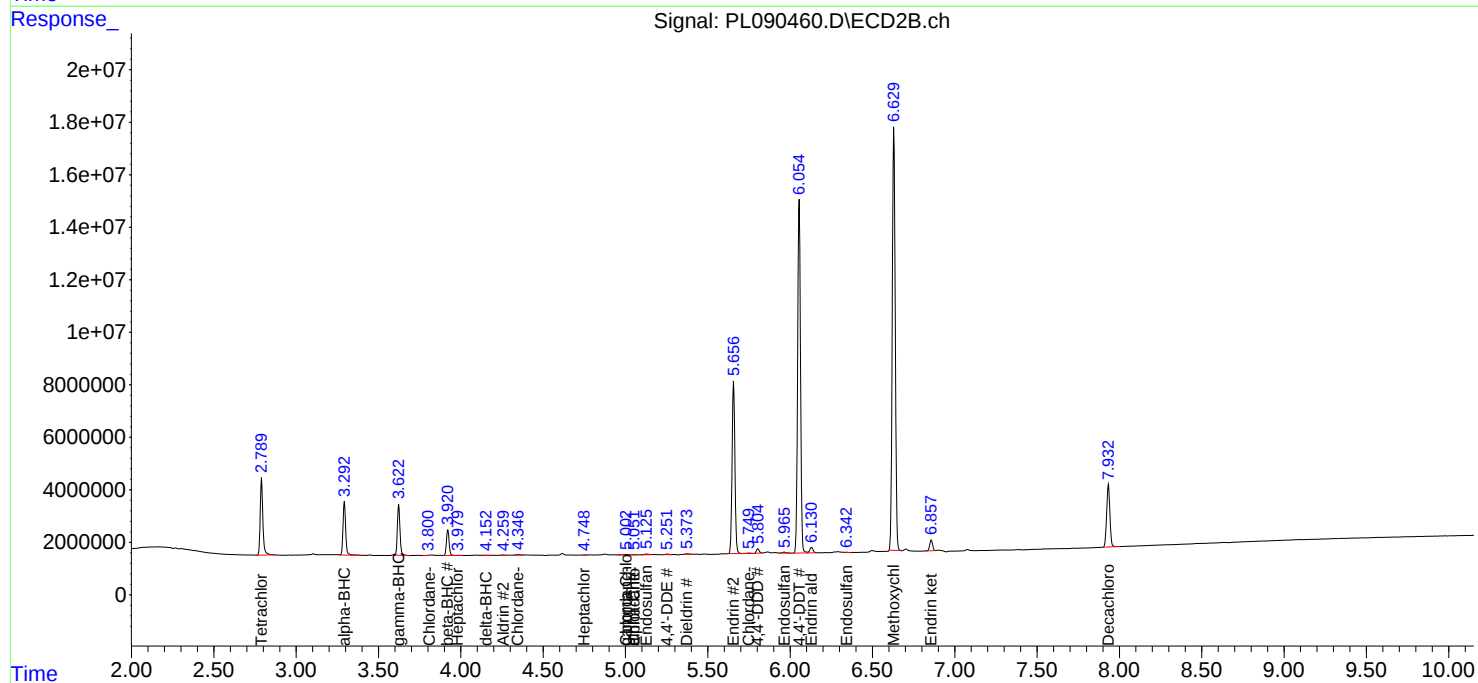
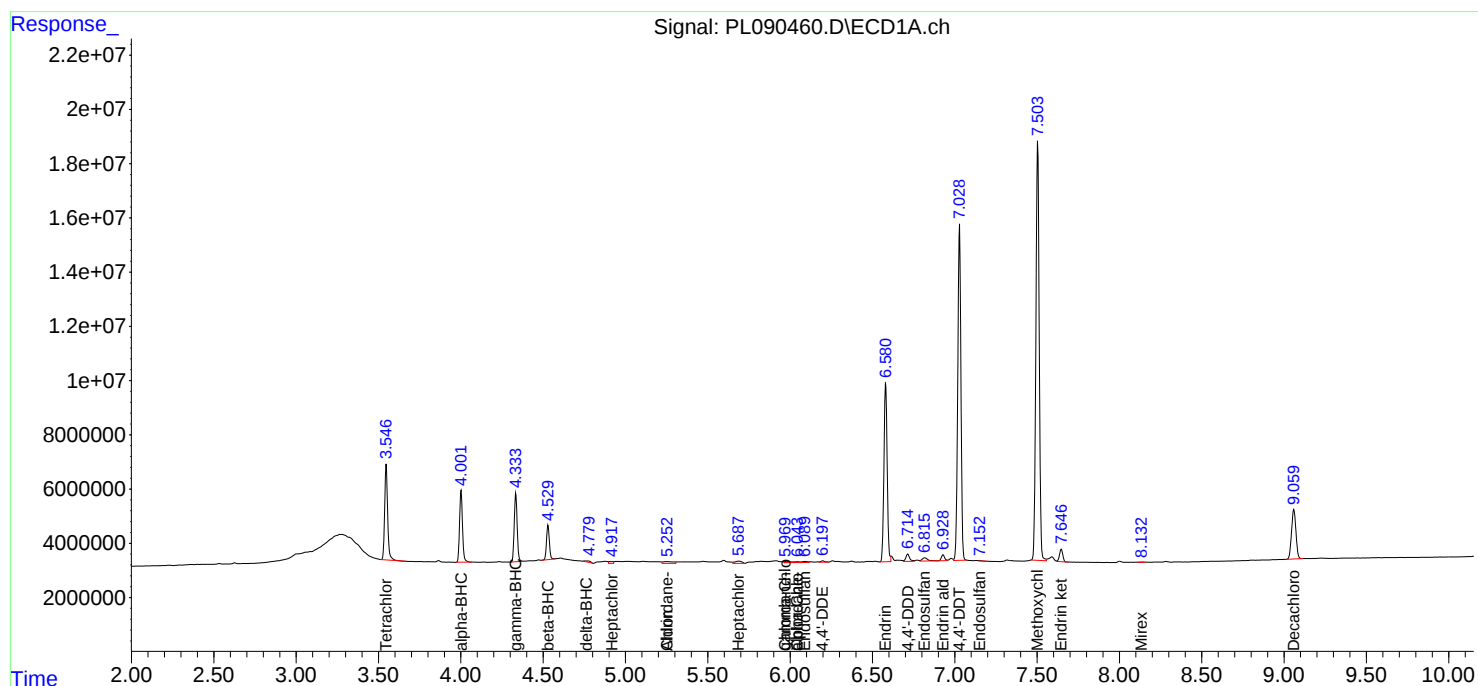
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

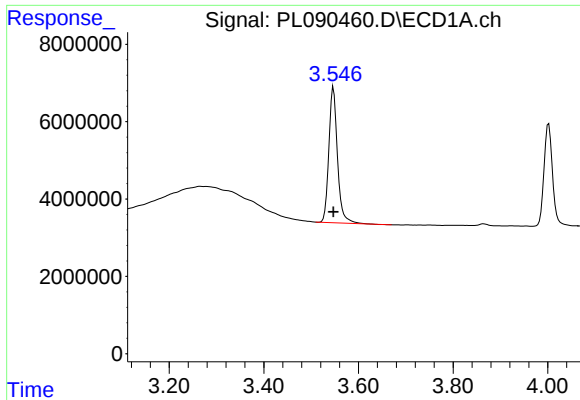
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071024\
Data File : PL090460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2024 09:45
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 11 01:23:33 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

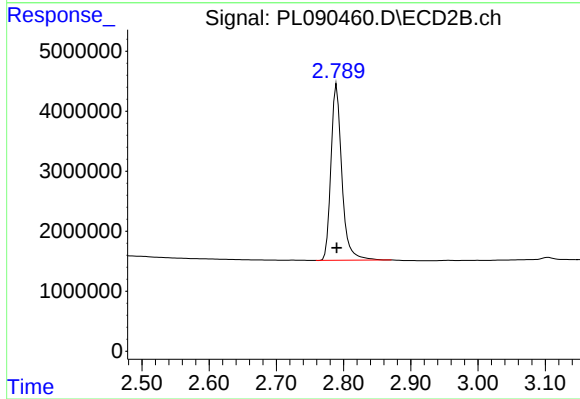




#1 Tetrachloro-m-xylene

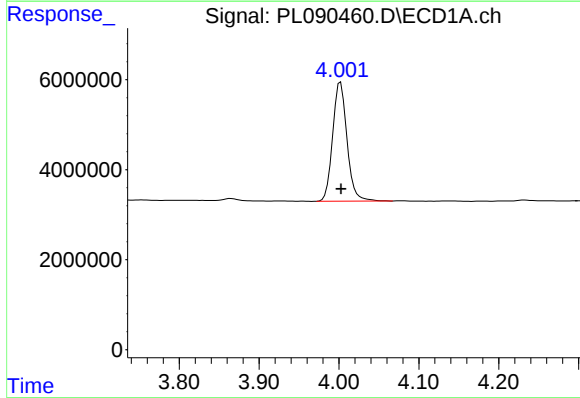
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 44247709
Conc: 19.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



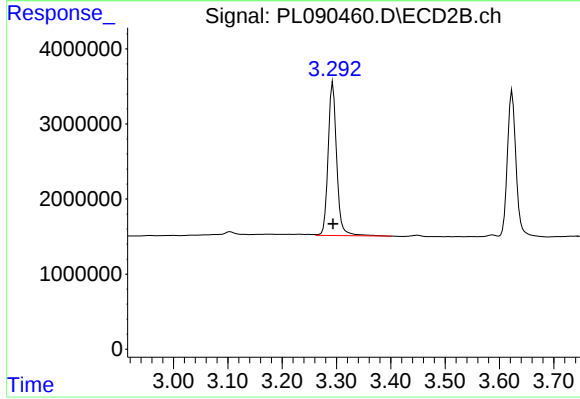
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 32709186
Conc: 20.68 ng/ml



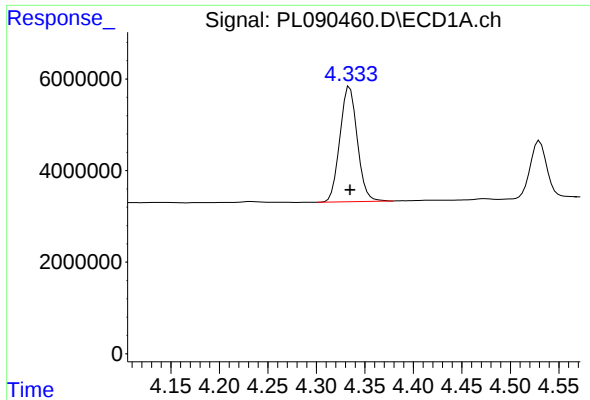
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 32999902
Conc: 10.52 ng/ml



#2 alpha-BHC

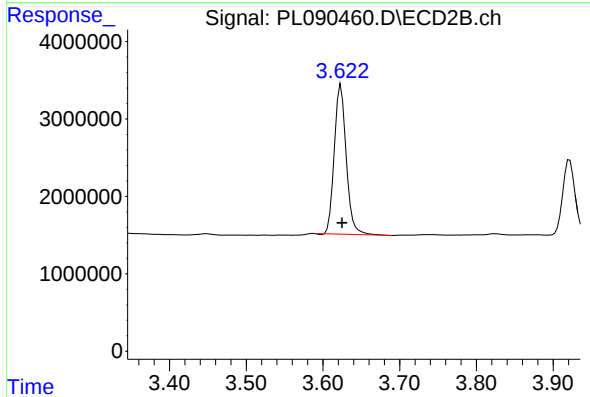
R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 22364863
Conc: 10.00 ng/ml



#3 gamma-BHC (Lindane)

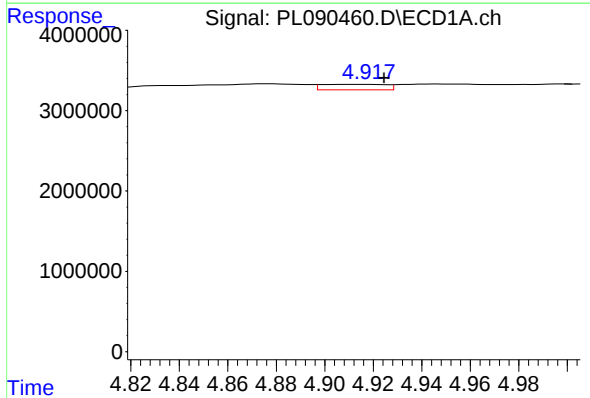
R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 31323327
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



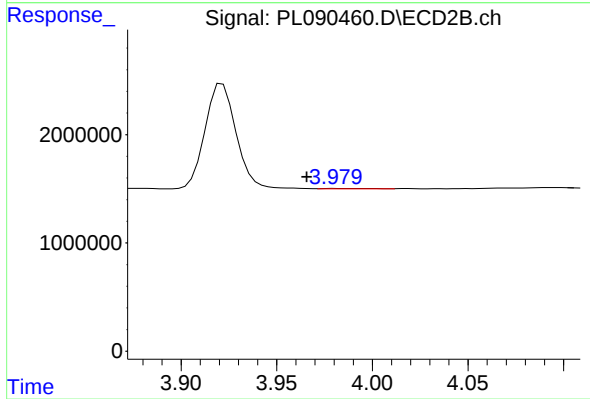
#3 gamma-BHC (Lindane)

R.T.: 3.623 min
Delta R.T.: -0.001 min
Response: 20902032
Conc: 9.78 ng/ml



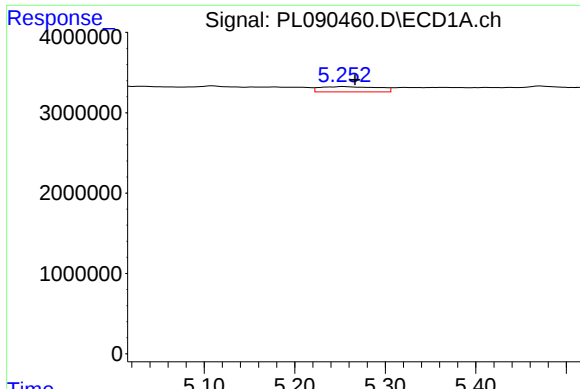
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: -0.007 min
Response: 1259492
Conc: 0.45 ng/ml



#4 Heptachlor

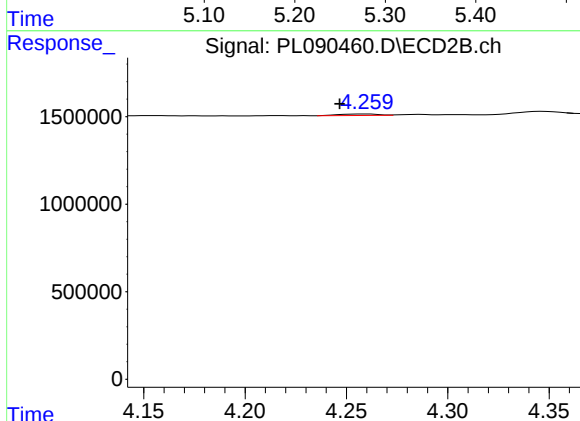
R.T.: 3.981 min
Delta R.T.: 0.015 min
Response: 61836
Conc: 0.03 ng/ml



#5 Aldrin

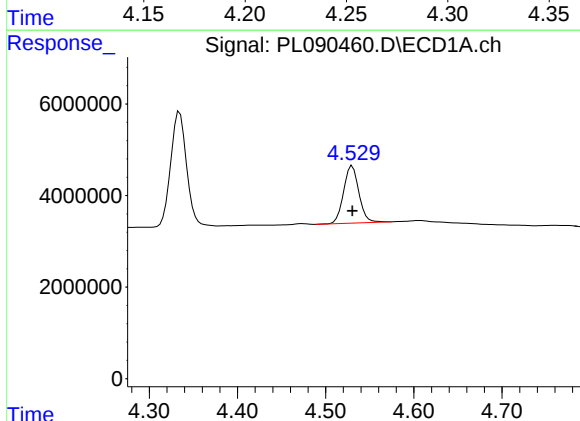
R.T.: 5.253 min
Delta R.T.: -0.013 min
Response: 2960854
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



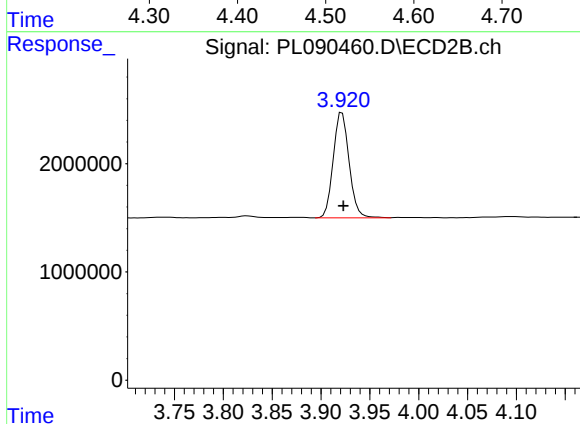
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: 0.014 min
Response: 118783
Conc: 0.06 ng/ml



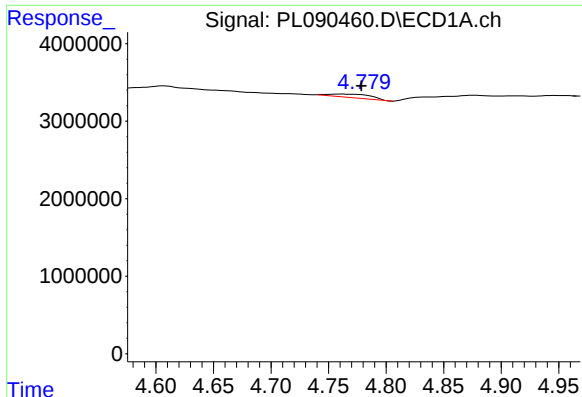
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 15046617
Conc: 11.17 ng/ml



#6 beta-BHC

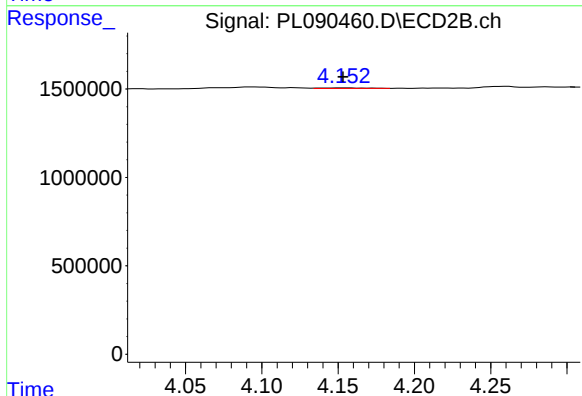
R.T.: 3.922 min
Delta R.T.: -0.001 min
Response: 11022301
Conc: 11.42 ng/ml



#7 delta-BHC

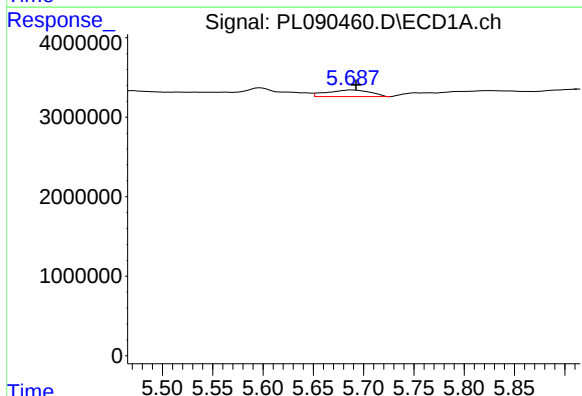
R.T.: 4.762 min
Delta R.T.: -0.017 min
Response: 1147170
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



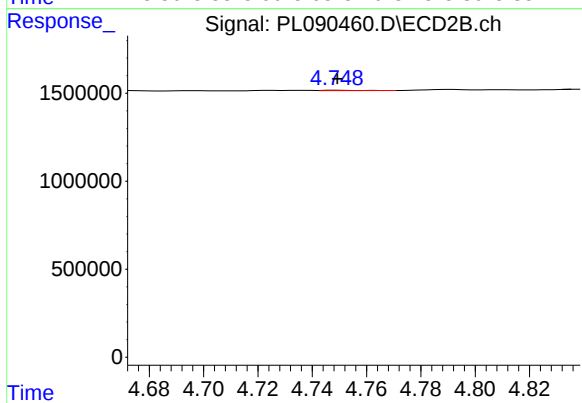
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 63059
Conc: 0.03 ng/ml



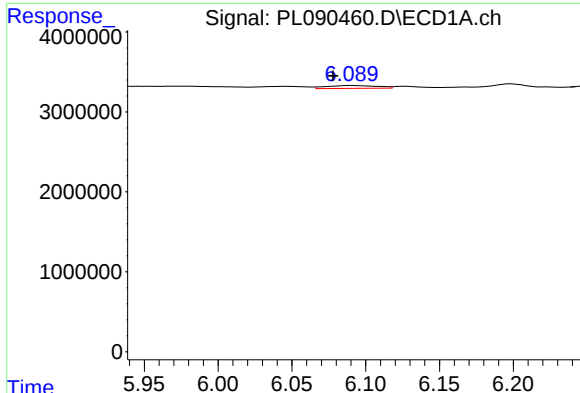
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 2459686
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

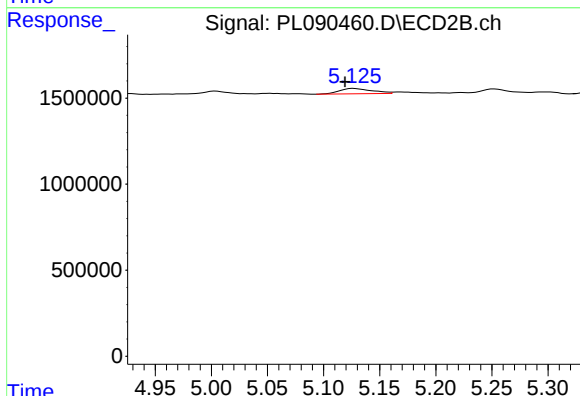
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 22969
Conc: 0.01 ng/ml



#9 Endosulfan I

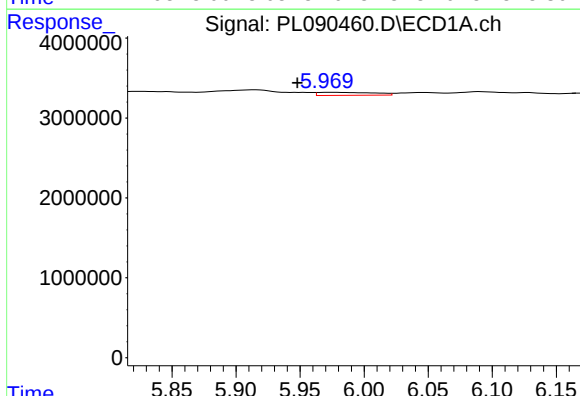
R.T.: 6.091 min
Delta R.T.: 0.013 min
Response: 844078
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



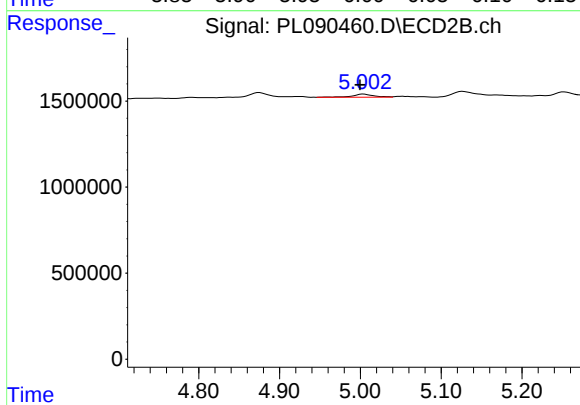
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.008 min
Response: 619653
Conc: 0.36 ng/ml



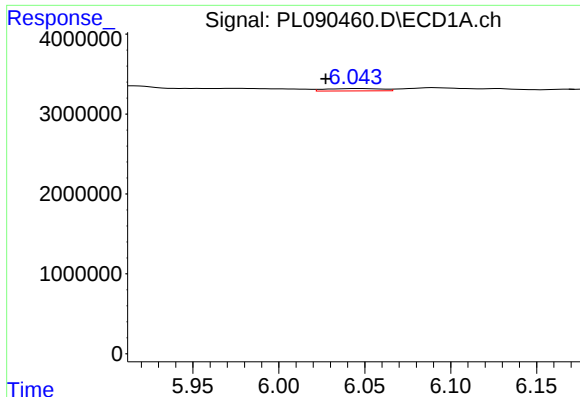
#10 gamma-Chlordane

R.T.: 5.972 min
Delta R.T.: 0.024 min
Response: 1138659
Conc: 0.45 ng/ml



#10 gamma-Chlordane

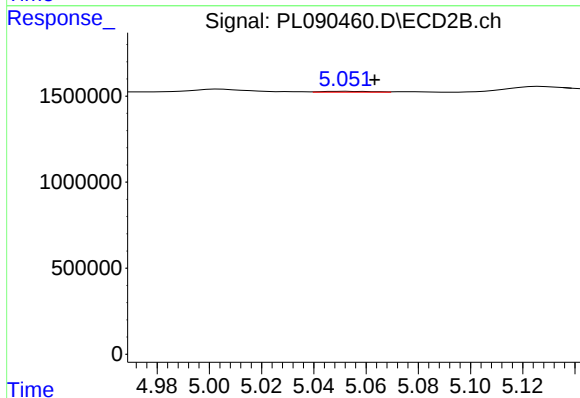
R.T.: 5.004 min
Delta R.T.: 0.004 min
Response: 352012
Conc: 0.18 ng/ml



#11 alpha-Chlordane

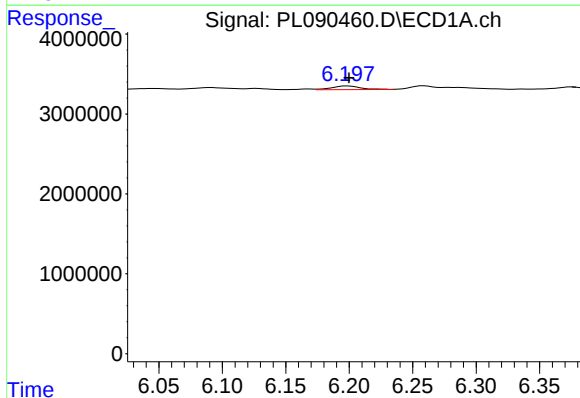
R.T.: 6.045 min
Delta R.T.: 0.018 min
Response: 674001
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



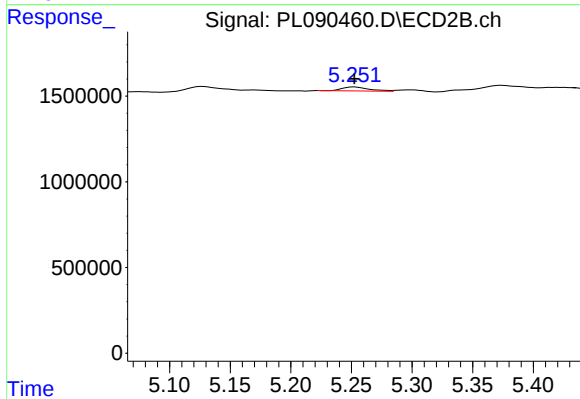
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.012 min
Response: 72587
Conc: 0.04 ng/ml



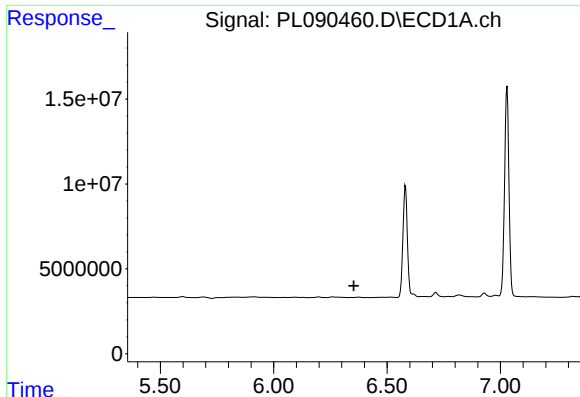
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.001 min
Response: 718916
Conc: 0.33 ng/ml



#12 4,4'-DDE

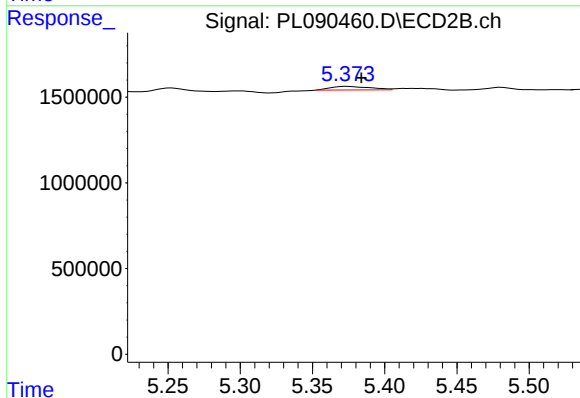
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 368581
Conc: 0.22 ng/ml



#13 Dieldrin

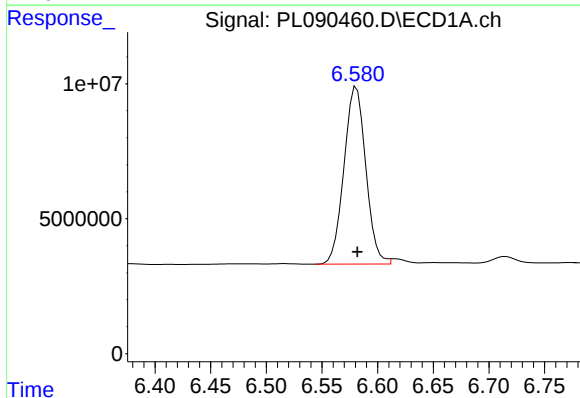
R.T.: 6.337 min
Delta R.T.: -0.016 min
Response: -28268
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



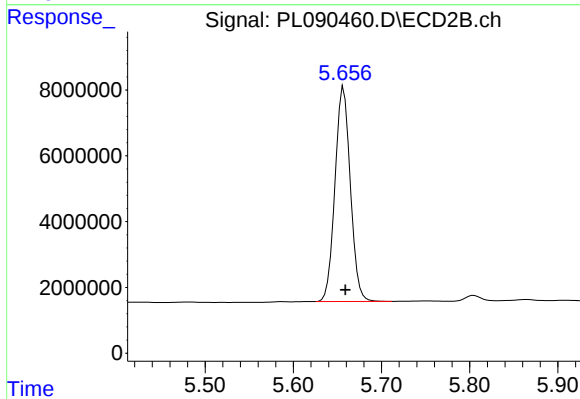
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.010 min
Response: 407559
Conc: 0.22 ng/ml



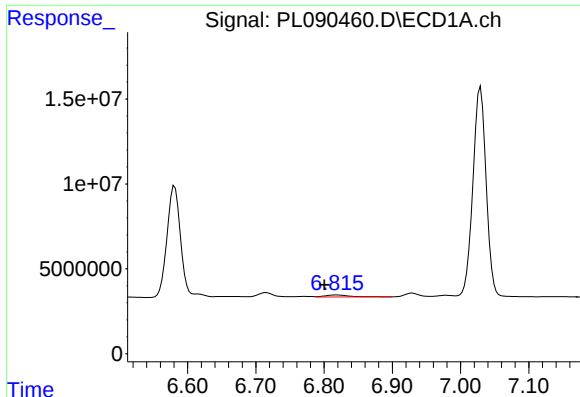
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.001 min
Response: 89706967
Conc: 42.31 ng/ml



#14 Endrin

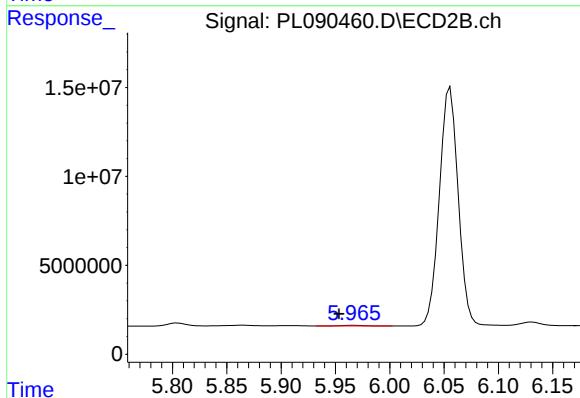
R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 79039552
Conc: 47.80 ng/ml



#15 Endosulfan II

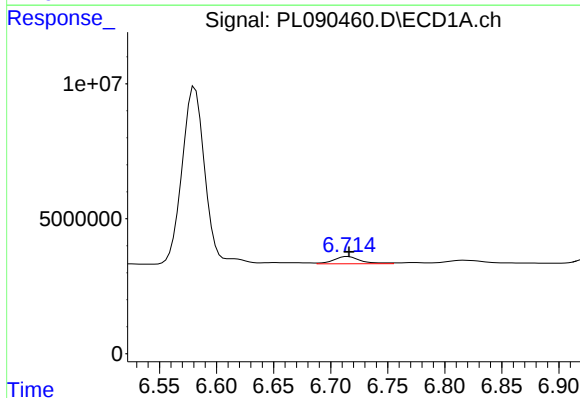
R.T.: 6.817 min
Delta R.T.: 0.016 min
Response: 2955672
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



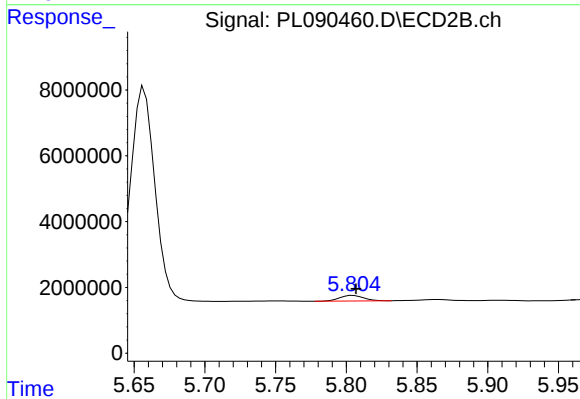
#15 Endosulfan II

R.T.: 5.966 min
Delta R.T.: 0.013 min
Response: 531173
Conc: 0.32 ng/ml



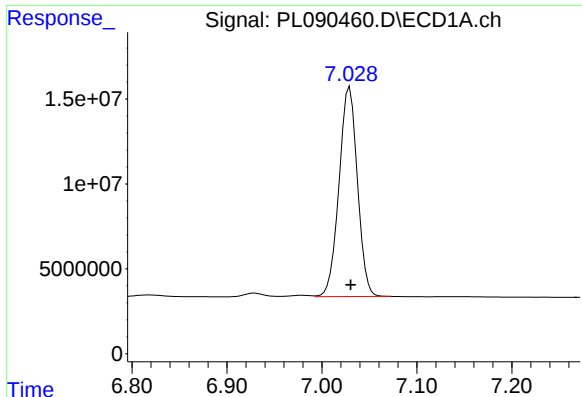
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 4412440
Conc: 2.41 ng/ml



#16 4,4'-DDD

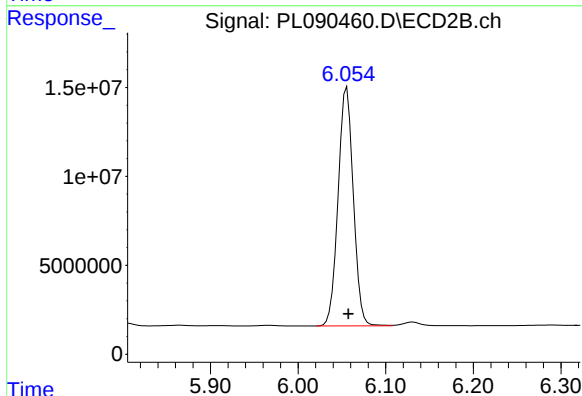
R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 2005216
Conc: 1.46 ng/ml



#17 4,4'-DDT

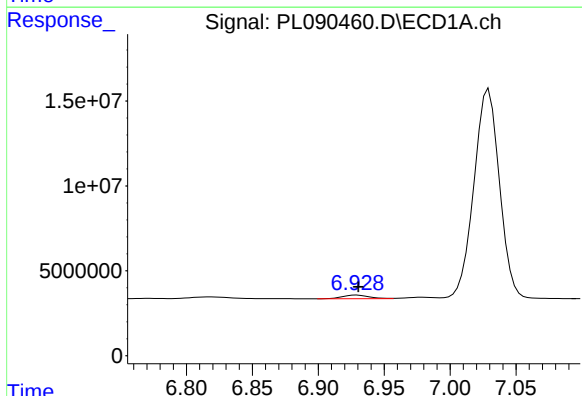
R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 166287680
Conc: 86.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



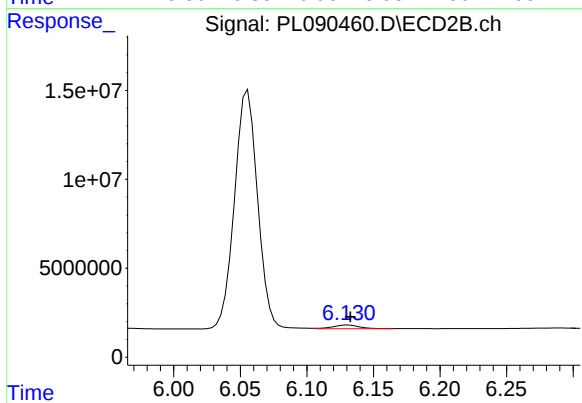
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 161938548
Conc: 109.41 ng/ml



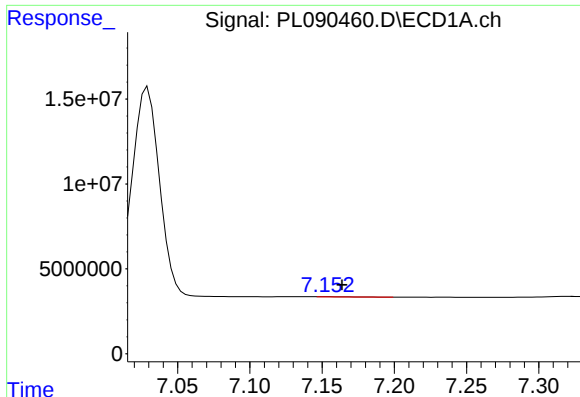
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 3030685
Conc: 1.79 ng/ml



#18 Endrin aldehyde

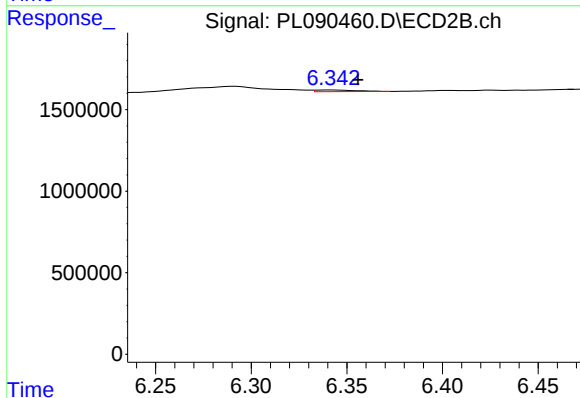
R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 2875070
Conc: 2.26 ng/ml



#19 Endosulfan Sulfate

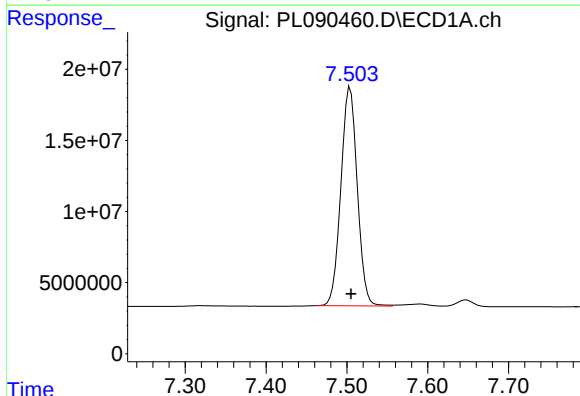
R.T.: 7.153 min
Delta R.T.: -0.011 min
Response: 159491
Conc: 0.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



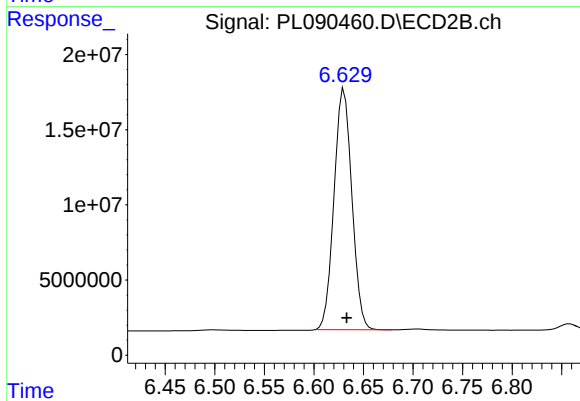
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.013 min
Response: 146101
Conc: 0.09 ng/ml



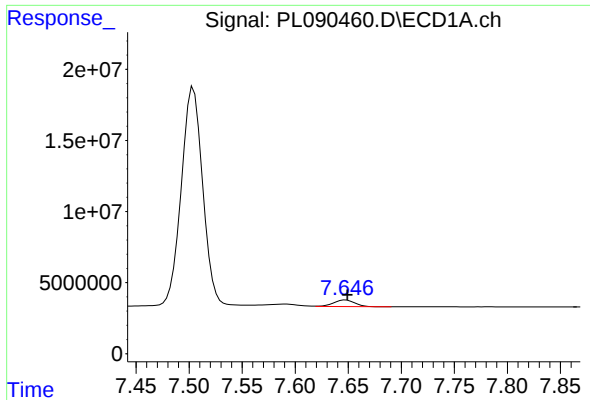
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 216694190
Conc: 210.27 ng/ml



#20 Methoxychlor

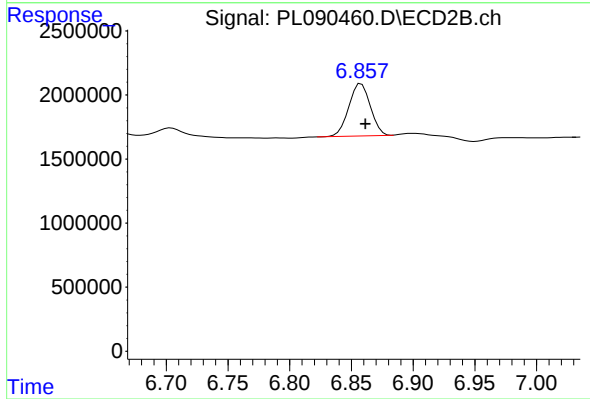
R.T.: 6.630 min
Delta R.T.: -0.003 min
Response: 201064115
Conc: 241.01 ng/ml



#21 Endrin ketone

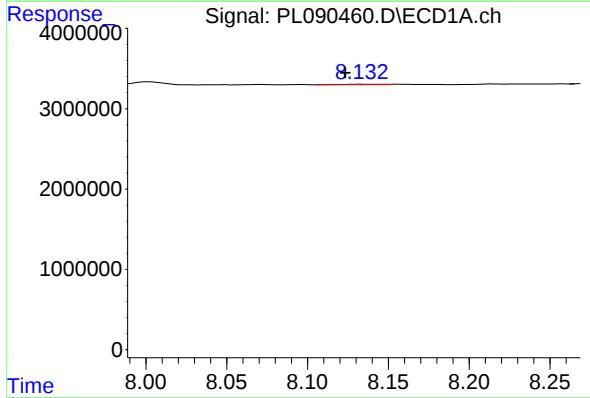
R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 6379293
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



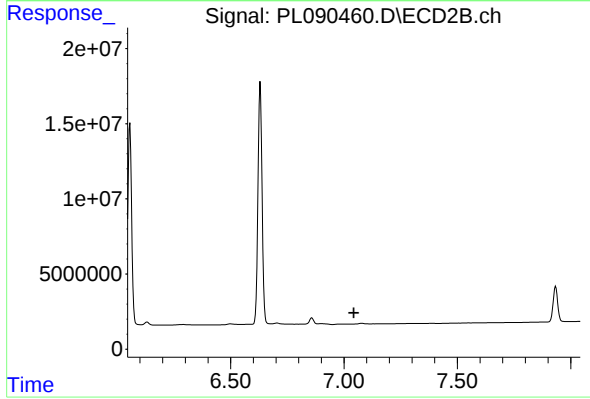
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.003 min
Response: 4966826
Conc: 2.77 ng/ml



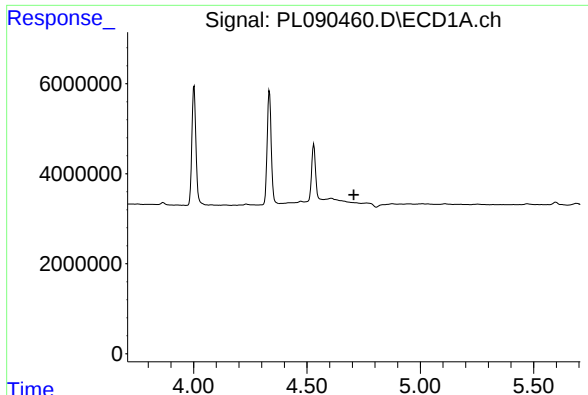
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.010 min
Response: 109350
Conc: 0.06 ng/ml



#22 Mirex

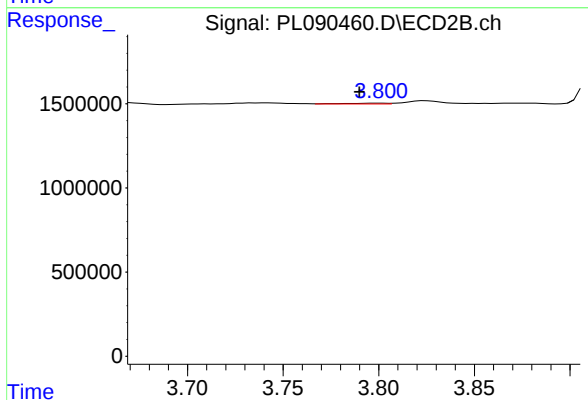
R.T.: 0.000 min
Exp R.T.: 7.044 min
Response: 0
Conc: N.D.



#23 Chlordane-1

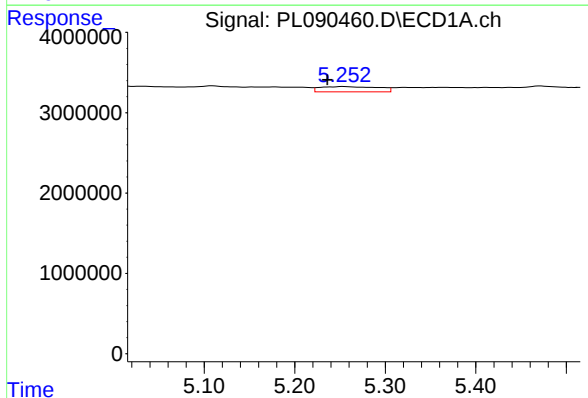
R.T.: 0.000 min
Exp R.T.: 4.707 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



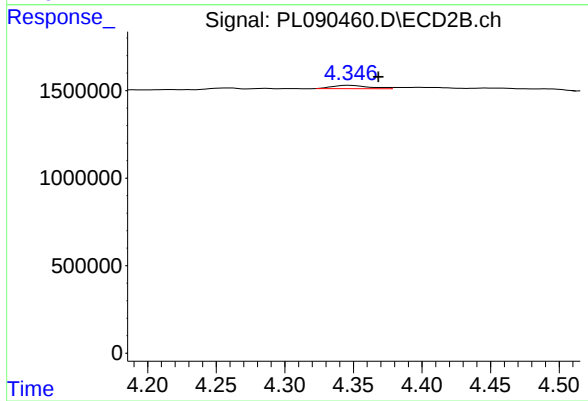
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.011 min
Response: 56976
Conc: 0.94 ng/ml



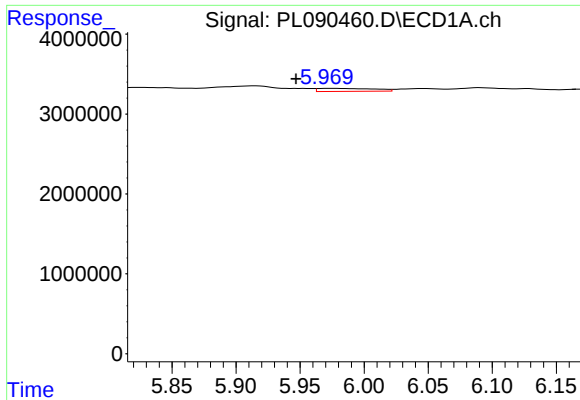
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.017 min
Response: 2960854
Conc: 24.96 ng/ml



#24 Chlordane-2

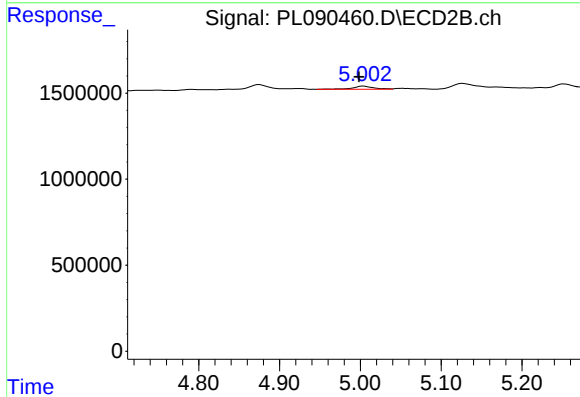
R.T.: 4.347 min
Delta R.T.: -0.021 min
Response: 354982
Conc: 5.02 ng/ml



#25 Chlordane-3

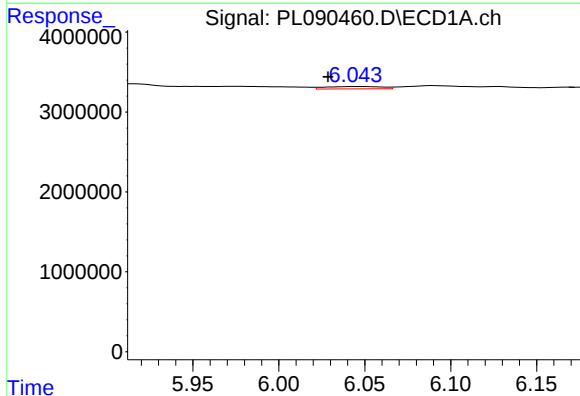
R.T.: 5.972 min
Delta R.T.: 0.025 min
Response: 1138659
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



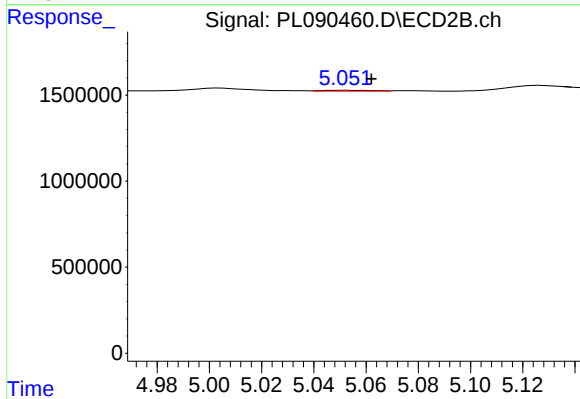
#25 Chlordane-3

R.T.: 5.004 min
Delta R.T.: 0.005 min
Response: 352012
Conc: 1.74 ng/ml



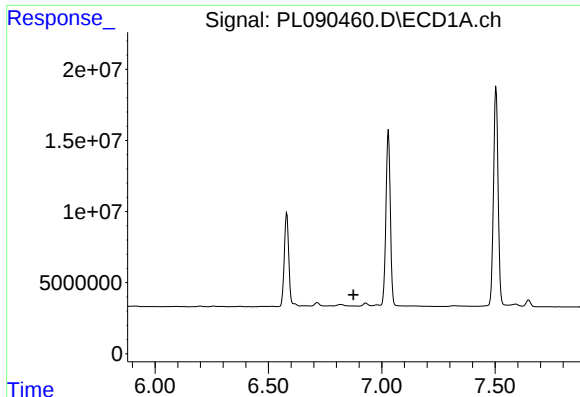
#26 Chlordane-4

R.T.: 6.045 min
Delta R.T.: 0.016 min
Response: 674001
Conc: 1.51 ng/ml



#26 Chlordane-4

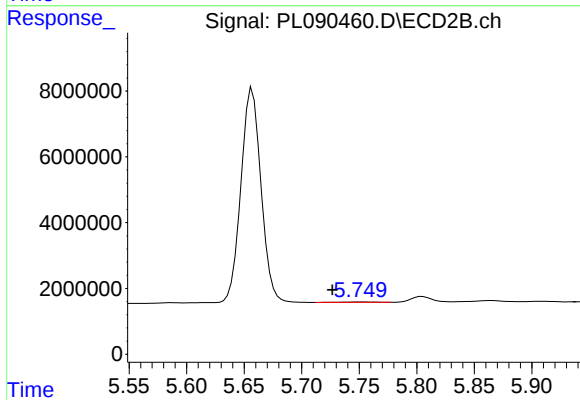
R.T.: 5.052 min
Delta R.T.: -0.010 min
Response: 72587
Conc: 0.38 ng/ml



#27 Chlordane-5

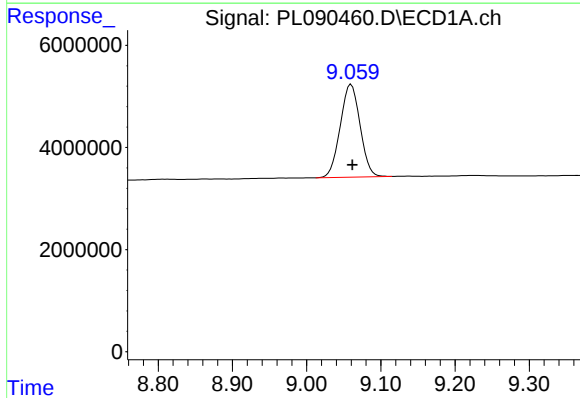
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



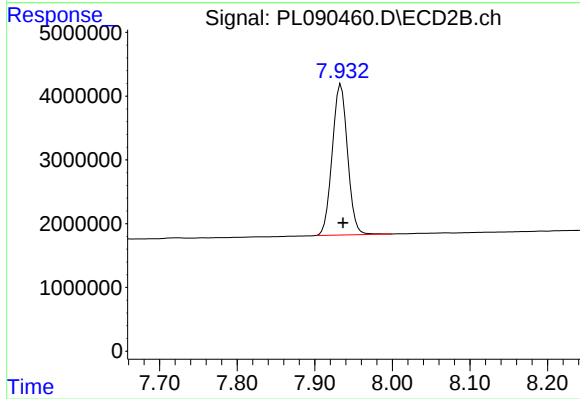
#27 Chlordane-5

R.T.: 5.751 min
Delta R.T.: 0.025 min
Response: 229881
Conc: 3.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.002 min
Response: 33740650
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.934 min
Delta R.T.: -0.003 min
Response: 32461462
Conc: 21.76 ng/ml