

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031924\
 Data File : PL088671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2024 08:55
 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: Mar 20 01:00:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.635	2.852	57662673	27257548	21.760	20.452
28)	SA Decachlor...	9.306	8.083	53013461	29344428	21.446	21.642
Target Compounds							
2)	A alpha-BHC	4.100	3.367	40110890	17984153	10.049	8.950
3)	MA gamma-BHC...	4.439	3.704	39165066	17208353	10.099	8.967
4)	MA Heptachlor	0.000	4.056	0	37103	N.D.	0.021 #
5)	MB Aldrin	0.000	4.346	0	90492	N.D.	0.050 #
6)	B beta-BHC	4.636	4.005	19771496	8941626	11.149	10.431
7)	B delta-BHC	0.000	4.238	0	43896	N.D.	0.023 #
8)	B Heptachlo...	0.000	4.860	0	11255	N.D.	0.007 #
9)	A Endosulfan I	0.000	5.225	0	39013	N.D.	0.026 #
10)	B gamma-Chl...	6.050f	5.110	663380	387275	0.199	0.234
11)	B alpha-Chl...	0.000	5.175	0	18331	N.D.	0.011 #
12)	B 4,4'-DDE	6.334	5.362	587790	329172	0.197	0.226
13)	MA Dieldrin	6.513f	5.501	762623	19926	0.235	0.012 #
14)	MA Endrin	6.721	5.774	130.9E6	67150562	47.878	46.586
15)	B Endosulfa...	6.961f	6.088f	3106520	943991	1.085	0.657 #
16)	A 4,4'-DDD	6.856	5.924	5155784	2539319	2.024	2.039
17)	MA 4,4'-DDT	7.175	6.178	275.5E6	139.8E6	103.345	104.148
18)	B Endrin al...	7.073	6.254	3742443	2496269	1.792	2.382 #
19)	B Endosulfa...	0.000	6.467	0	110893	N.D.	0.080 #
20)	A Methoxychlor	7.656	6.763	356.4E6	180.2E6	236.589	224.717
21)	B Endrin ke...	7.802	6.992	9103448	5741919	3.079	3.478
22)	Mirex	0.000	7.202f	0	105805	N.D.	0.078 #
23)	Chlordane-1	0.000	3.880	0	18196	N.D.	0.375 #
24)	Chlordane-2	0.000	4.471	0	83937	N.D.	1.382 #
25)	Chlordane-3	6.050f	5.110	663380	387275	1.334	2.269 #
26)	Chlordane-4	0.000	5.175	0	18331	N.D.	0.115 #
27)	Chlordane-5	0.000	5.847	0	196756	N.D.	3.880 #

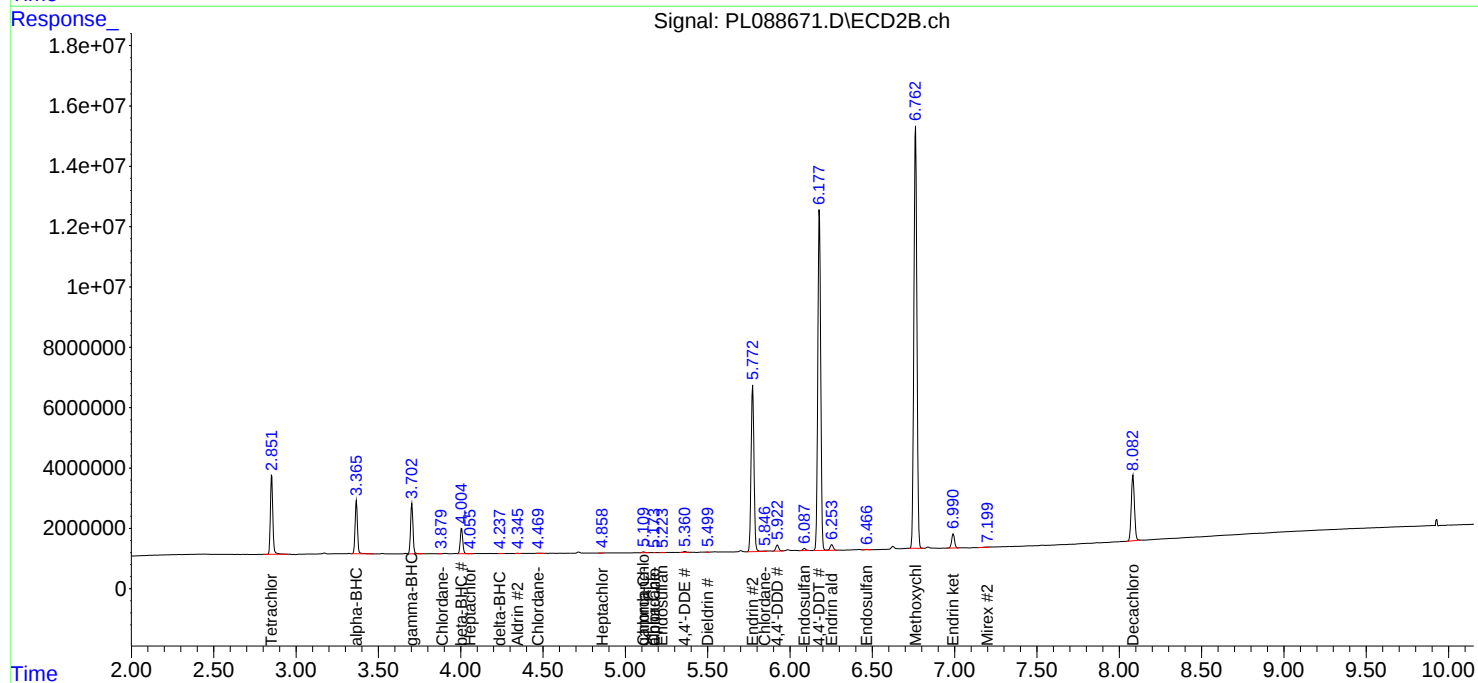
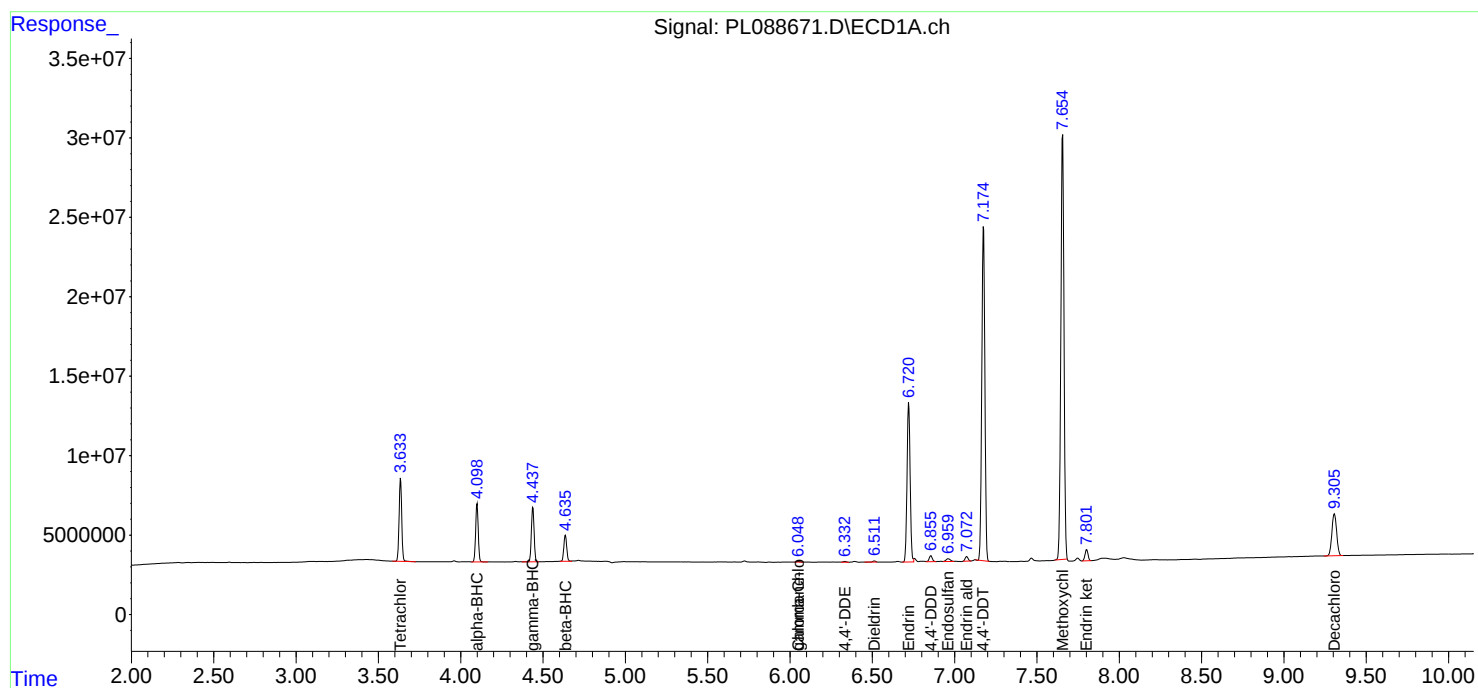
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

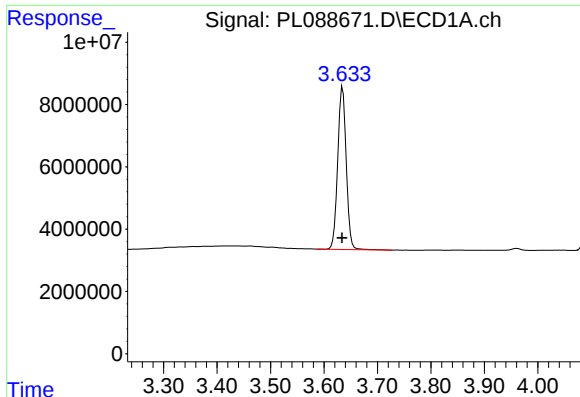
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031924\
Data File : PL088671.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2024 08:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 20 01:00:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 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

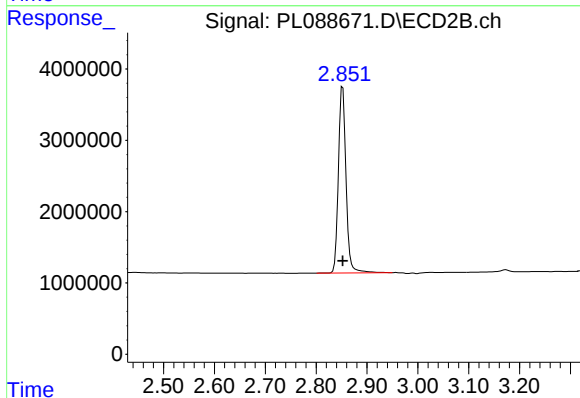




#1 Tetrachloro-m-xylene

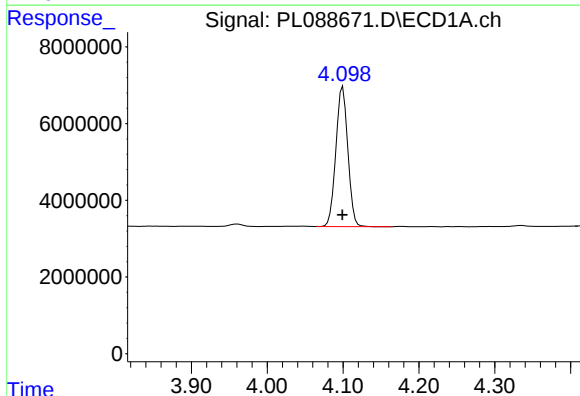
R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57662673
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



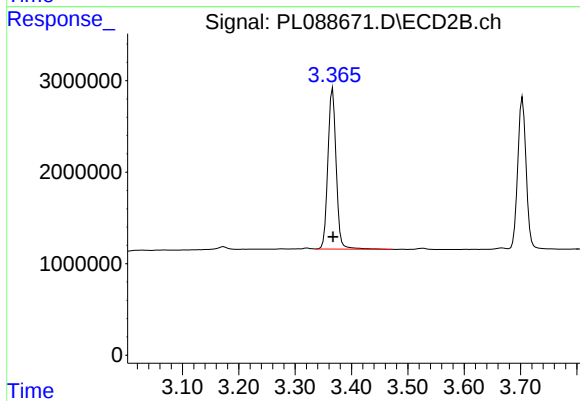
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 27257548
Conc: 20.45 ng/ml



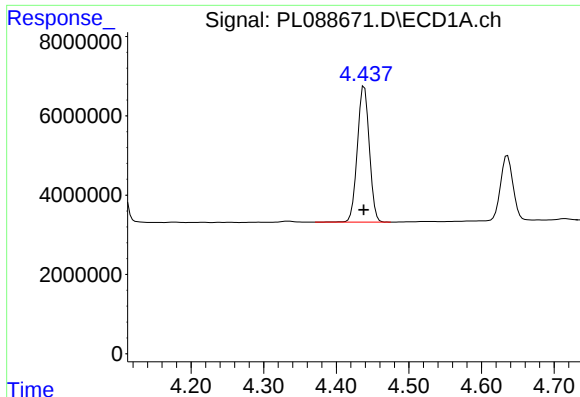
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 40110890
Conc: 10.05 ng/ml



#2 alpha-BHC

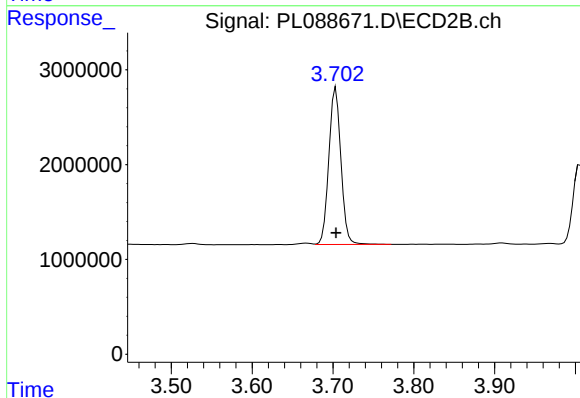
R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 17984153
Conc: 8.95 ng/ml



#3 gamma-BHC (Lindane)

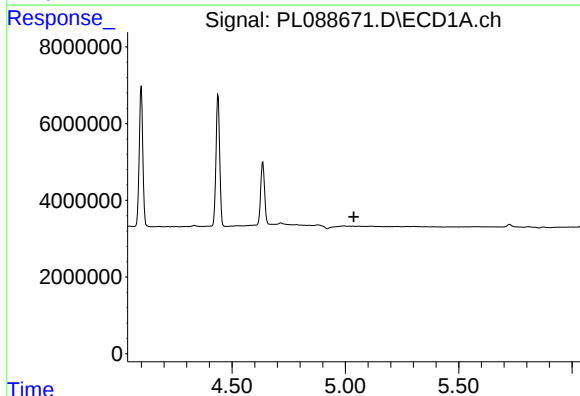
R.T.: 4.439 min
Delta R.T.: 0.000 min
Response: 39165066
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



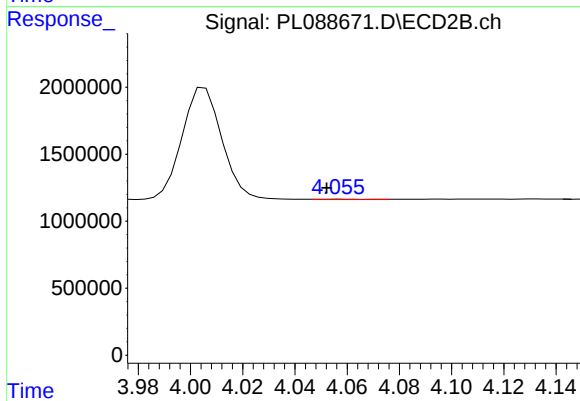
#3 gamma-BHC (Lindane)

R.T.: 3.704 min
Delta R.T.: 0.000 min
Response: 17208353
Conc: 8.97 ng/ml



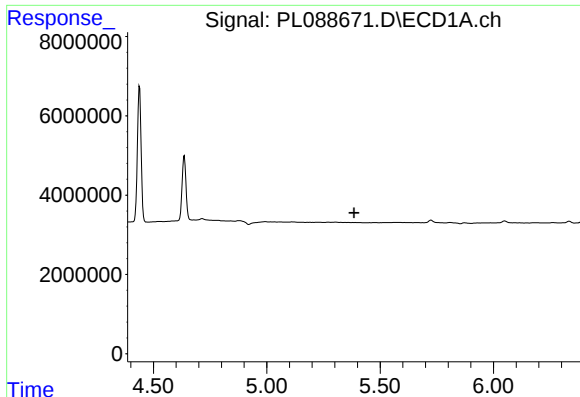
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

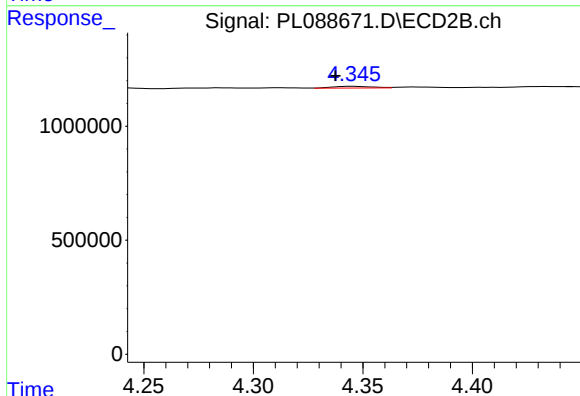
R.T.: 4.056 min
Delta R.T.: 0.004 min
Response: 37103
Conc: 0.02 ng/ml



#5 Aldrin

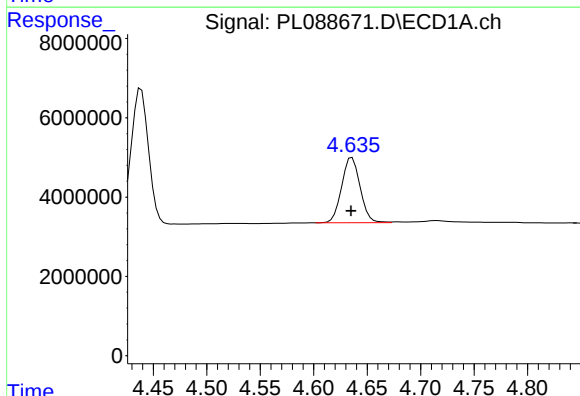
R.T.: 0.000 min
Exp R.T.: 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



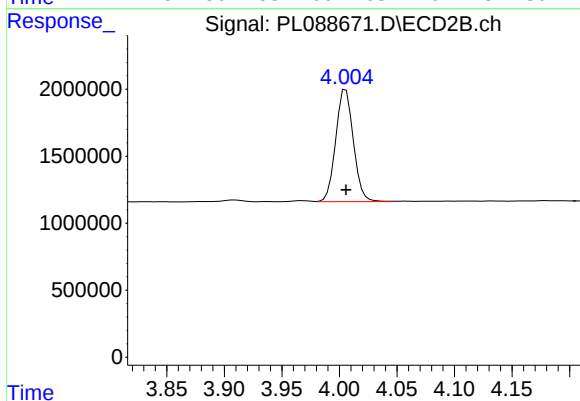
#5 Aldrin

R.T.: 4.346 min
Delta R.T.: 0.008 min
Response: 90492
Conc: 0.05 ng/ml



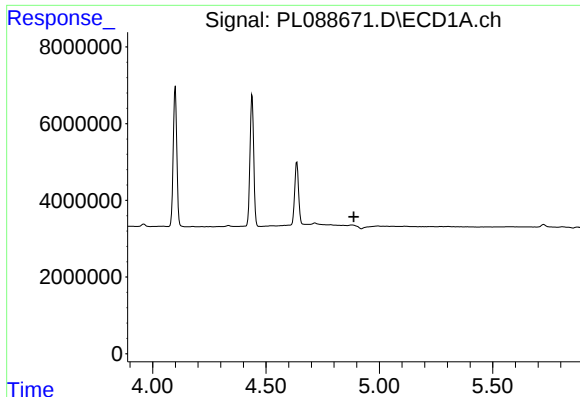
#6 beta-BHC

R.T.: 4.636 min
Delta R.T.: 0.000 min
Response: 19771496
Conc: 11.15 ng/ml



#6 beta-BHC

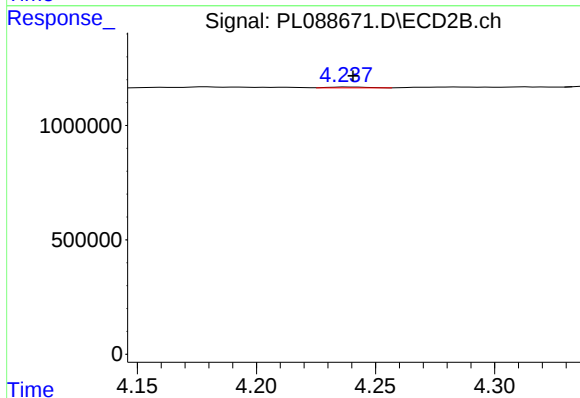
R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8941626
Conc: 10.43 ng/ml



#7 delta-BHC

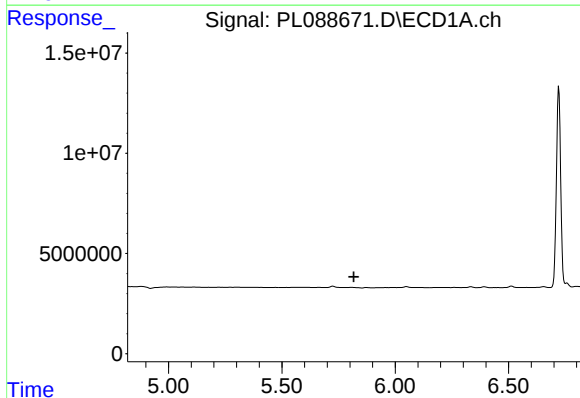
R.T.: 0.000 min
Exp R.T. : 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



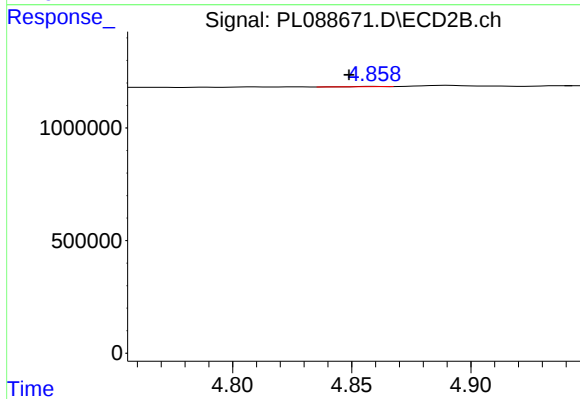
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.003 min
Response: 43896
Conc: 0.02 ng/ml



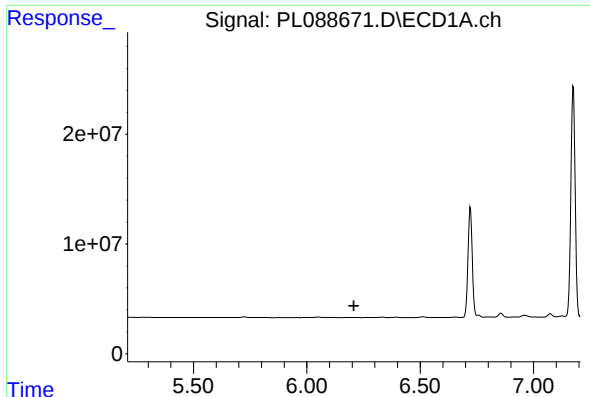
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.817 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

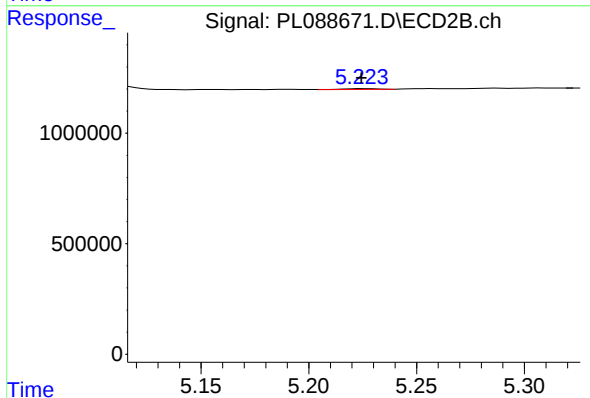
R.T.: 4.860 min
Delta R.T.: 0.011 min
Response: 11255
Conc: 0.01 ng/ml



#9 Endosulfan I

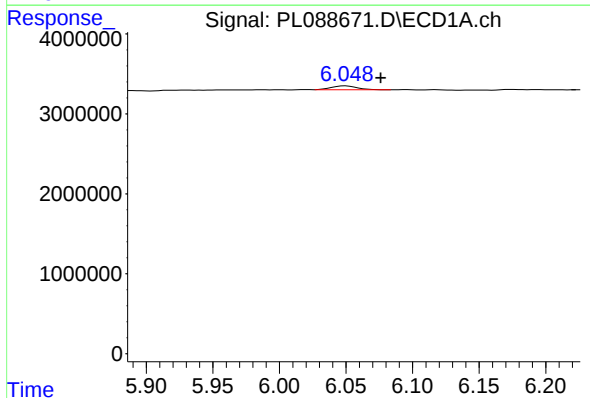
R.T.: 0.000 min
Exp R.T.: 6.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



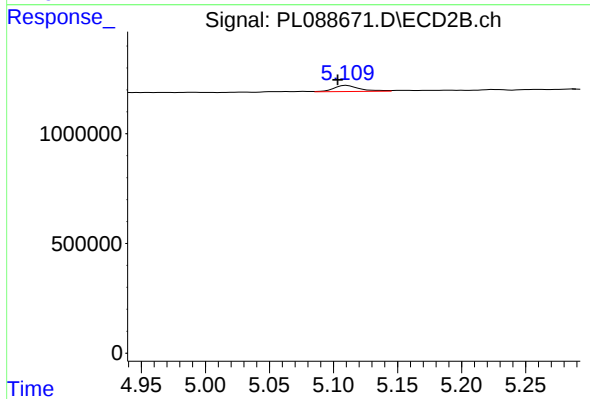
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 39013
Conc: 0.03 ng/ml



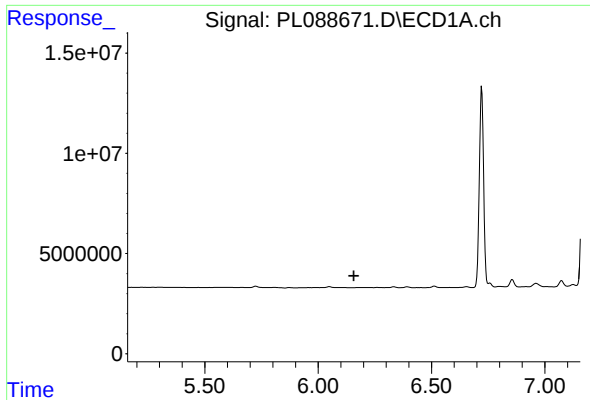
#10 gamma-Chlordane

R.T.: 6.050 min
Delta R.T.: -0.026 min
Response: 663380
Conc: 0.20 ng/ml



#10 gamma-Chlordane

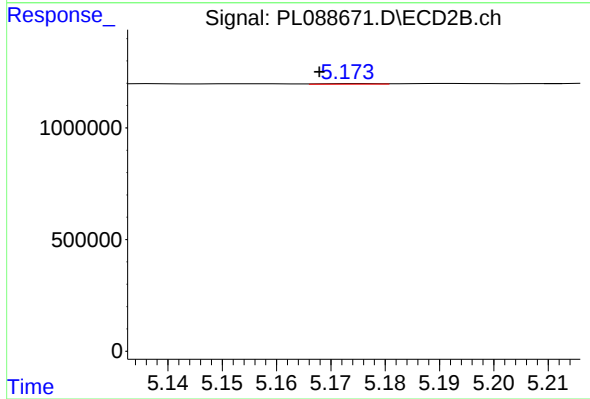
R.T.: 5.110 min
Delta R.T.: 0.007 min
Response: 387275
Conc: 0.23 ng/ml



#11 alpha-Chlordane

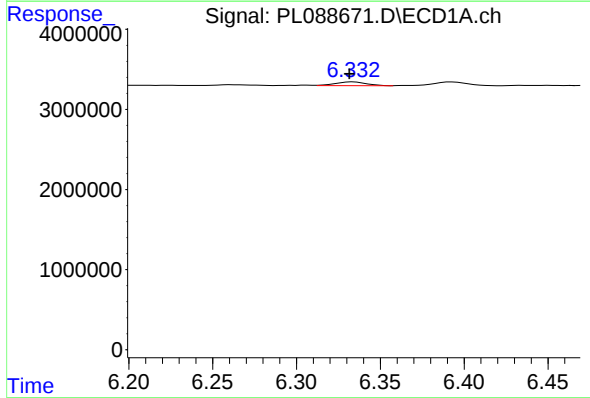
R.T.: 0.000 min
Exp R.T.: 6.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



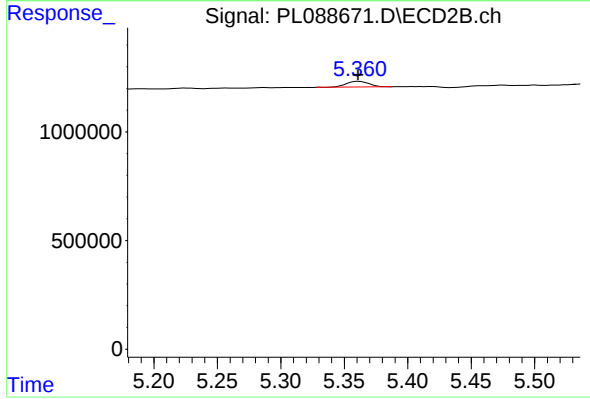
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: 0.007 min
Response: 18331
Conc: 0.01 ng/ml



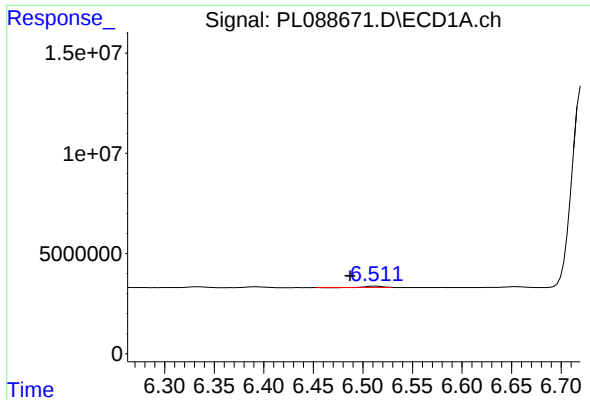
#12 4,4'-DDE

R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 587790
Conc: 0.20 ng/ml



#12 4,4'-DDE

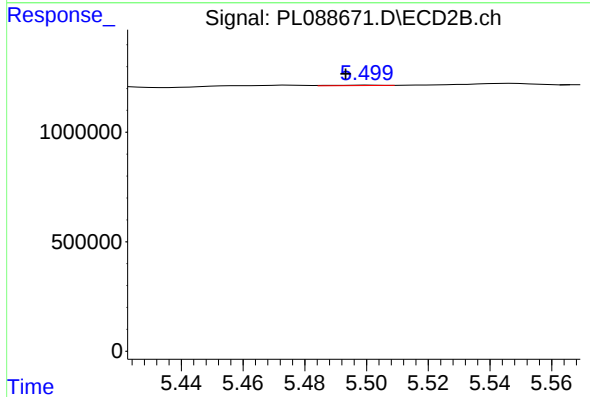
R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 329172
Conc: 0.23 ng/ml



#13 Dieldrin

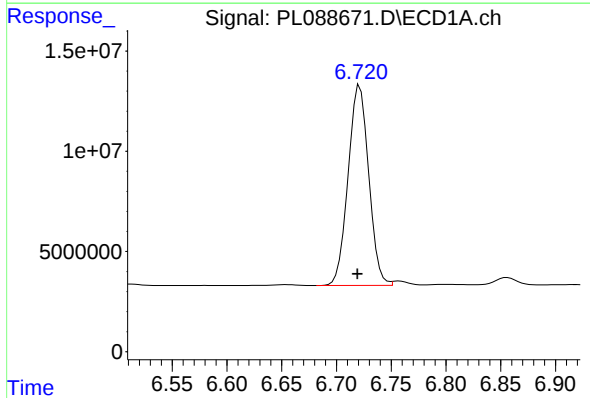
R.T.: 6.513 min
Delta R.T.: 0.026 min
Response: 762623
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



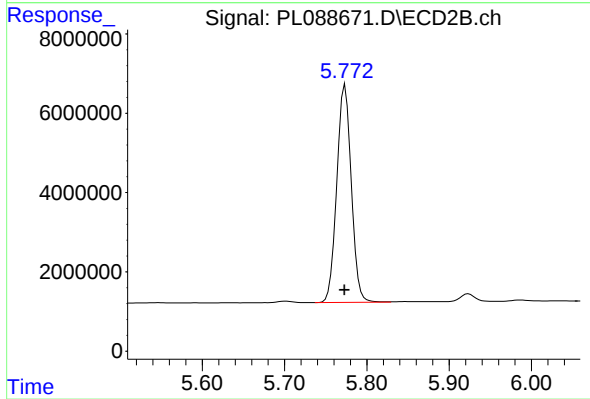
#13 Dieldrin

R.T.: 5.501 min
Delta R.T.: 0.007 min
Response: 19926
Conc: 0.01 ng/ml



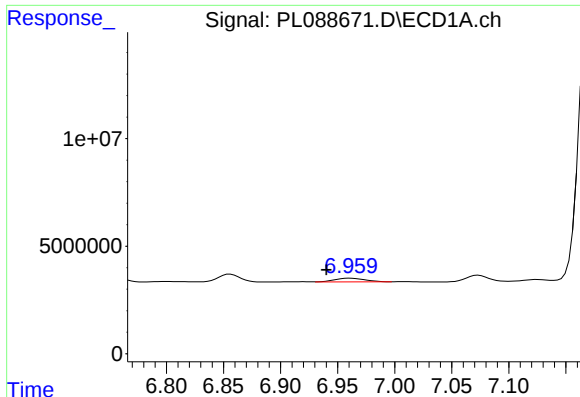
#14 Endrin

R.T.: 6.721 min
Delta R.T.: 0.002 min
Response: 130885664
Conc: 47.88 ng/ml



#14 Endrin

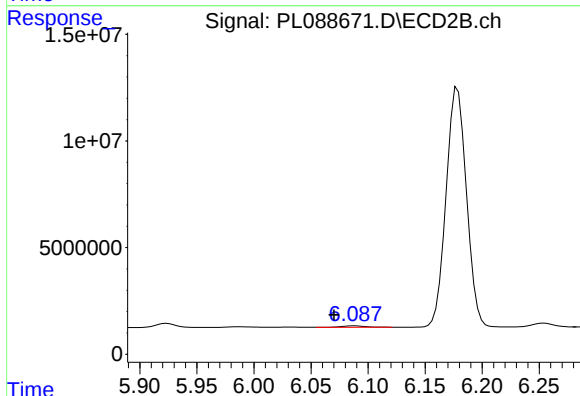
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 67150562
Conc: 46.59 ng/ml



#15 Endosulfan II

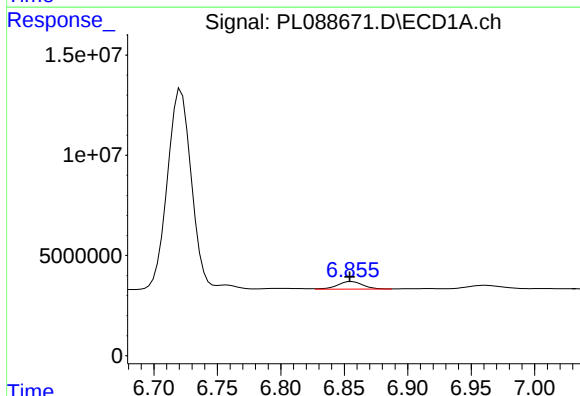
R.T.: 6.961 min
Delta R.T.: 0.021 min
Response: 3106520
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



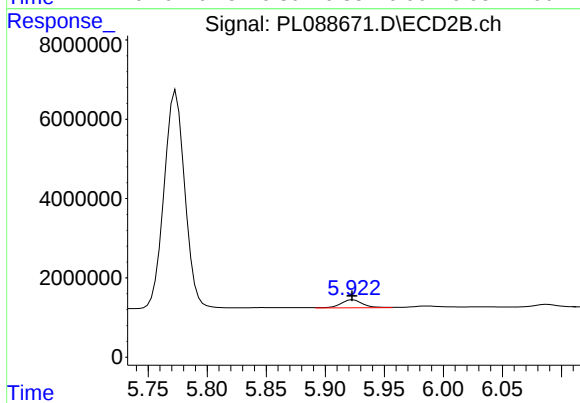
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.018 min
Response: 943991
Conc: 0.66 ng/ml



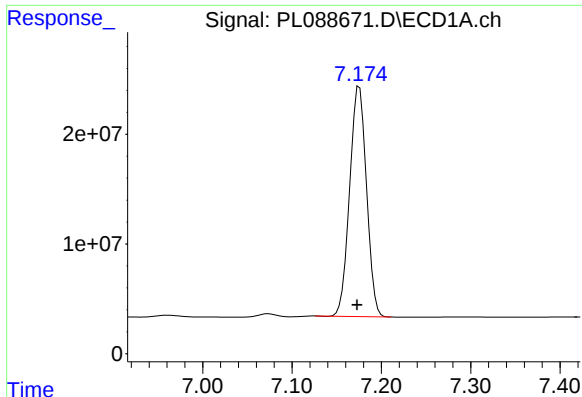
#16 4,4'-DDD

R.T.: 6.856 min
Delta R.T.: 0.002 min
Response: 5155784
Conc: 2.02 ng/ml



#16 4,4'-DDD

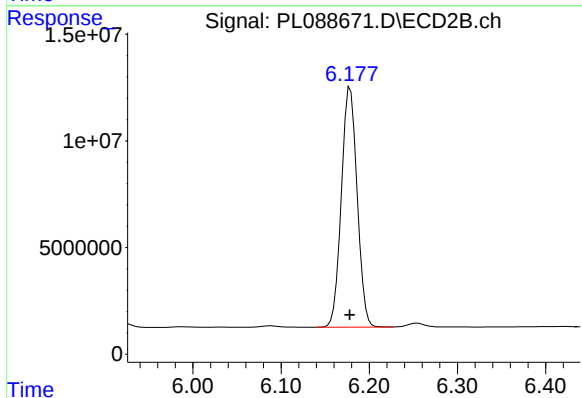
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 2539319
Conc: 2.04 ng/ml



#17 4,4'-DDT

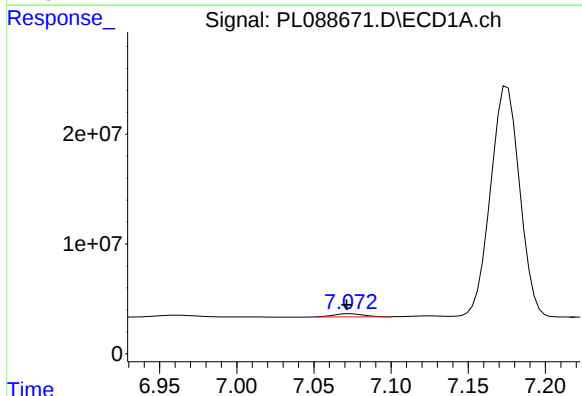
R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: 275464025
Conc: 103.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



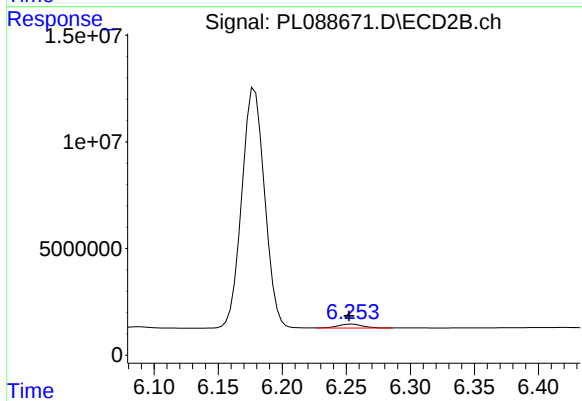
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 139787113
Conc: 104.15 ng/ml



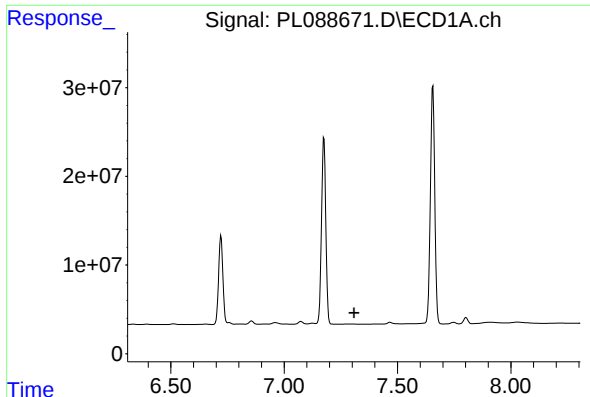
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 3742443
Conc: 1.79 ng/ml



#18 Endrin aldehyde

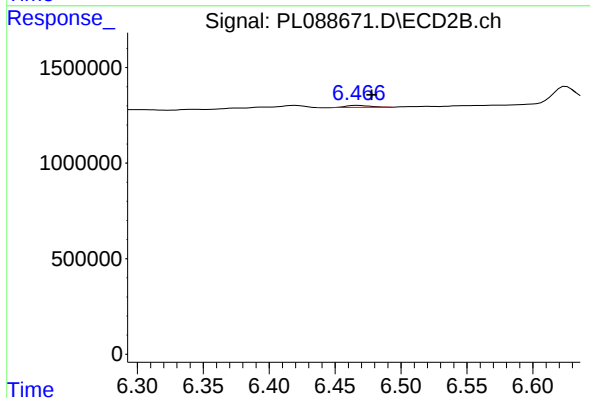
R.T.: 6.254 min
Delta R.T.: 0.002 min
Response: 2496269
Conc: 2.38 ng/ml



#19 Endosulfan Sulfate

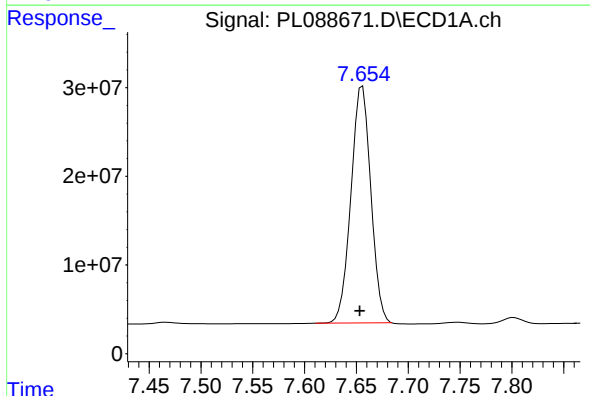
R.T.: 0.000 min
Exp R.T.: 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



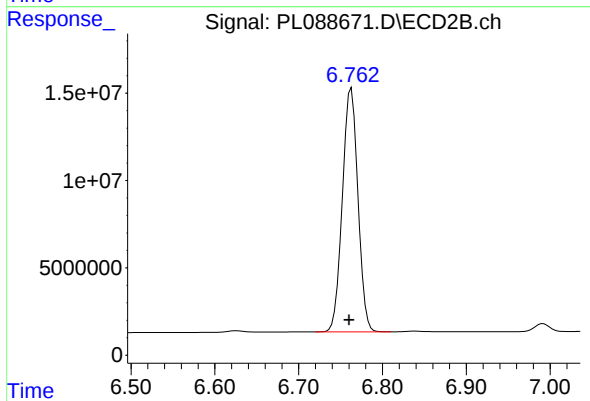
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: -0.010 min
Response: 110893
Conc: 0.08 ng/ml



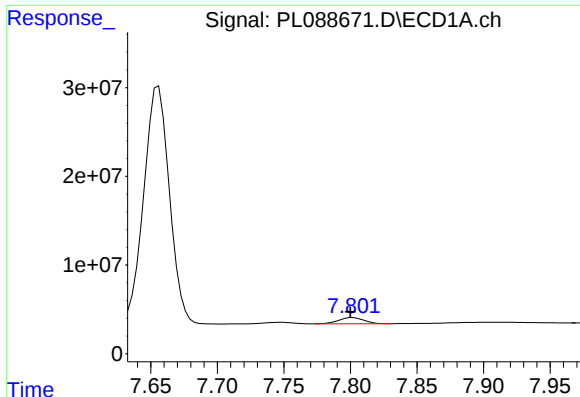
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.003 min
Response: 356423845
Conc: 236.59 ng/ml



#20 Methoxychlor

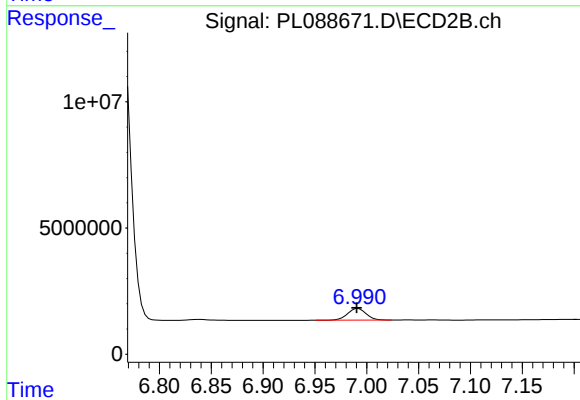
R.T.: 6.763 min
Delta R.T.: 0.003 min
Response: 180238977
Conc: 224.72 ng/ml



#21 Endrin ketone

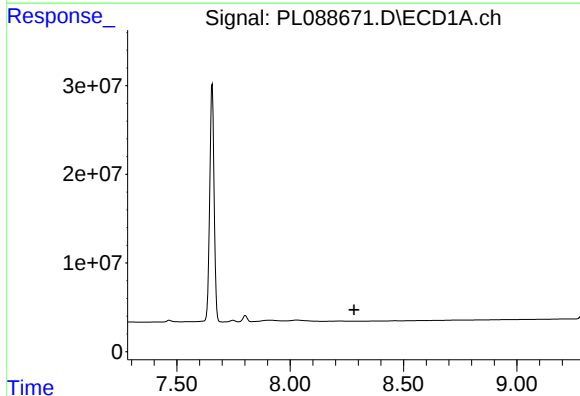
R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 9103448
Conc: 3.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



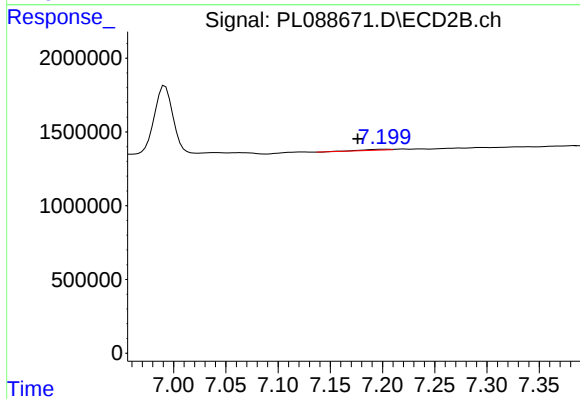
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: 0.001 min
Response: 5741919
Conc: 3.48 ng/ml



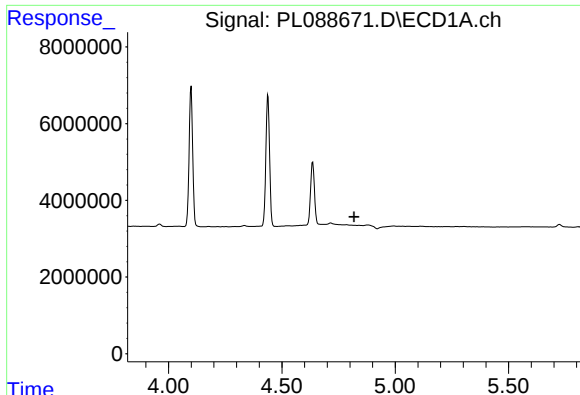
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.282 min
Response: 0
Conc: N.D.



#22 Mirex

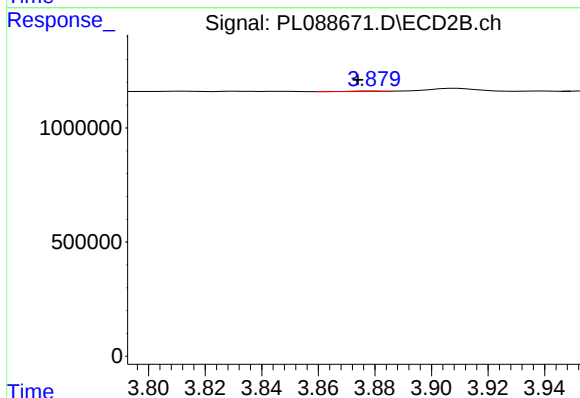
R.T.: 7.202 min
Delta R.T.: 0.025 min
Response: 105805
Conc: 0.08 ng/ml



#23 Chlordane-1

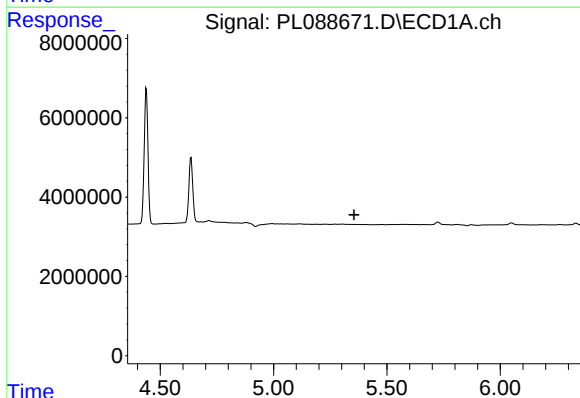
R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



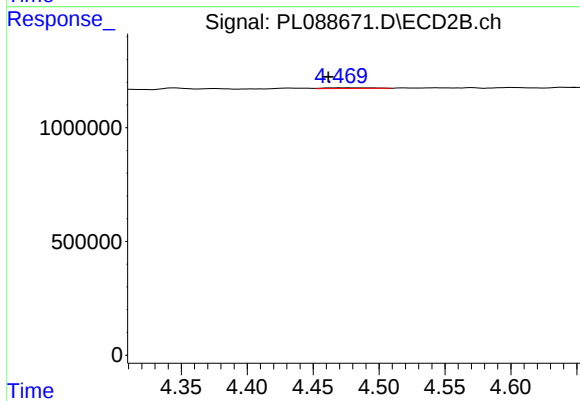
#23 Chlordane-1

R.T.: 3.880 min
Delta R.T.: 0.006 min
Response: 18196
Conc: 0.37 ng/ml



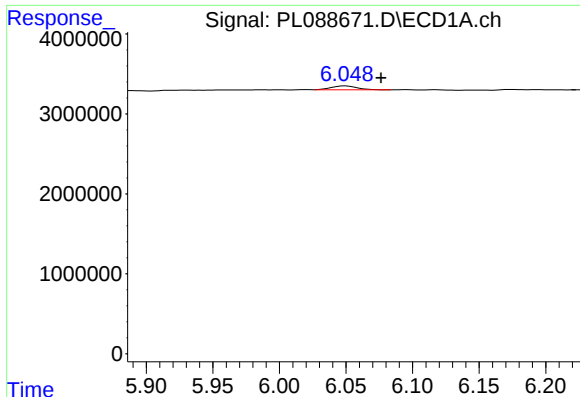
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.355 min
Response: 0
Conc: N.D.



#24 Chlordane-2

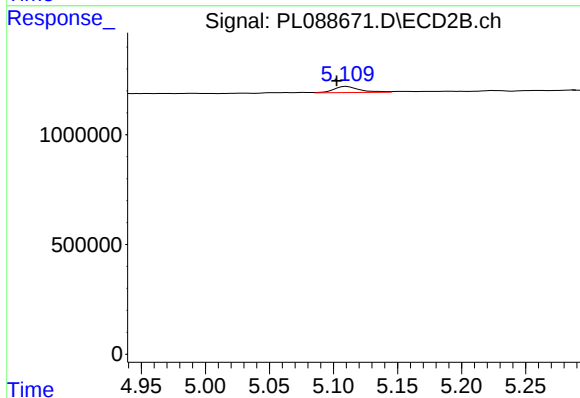
R.T.: 4.471 min
Delta R.T.: 0.010 min
Response: 83937
Conc: 1.38 ng/ml



#25 Chlordane-3

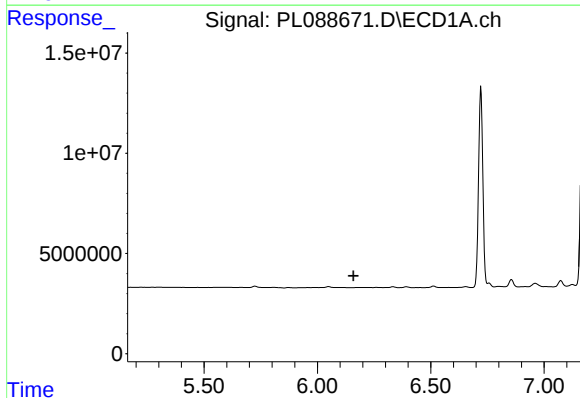
R.T.: 6.050 min
Delta R.T.: -0.027 min
Response: 663380
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



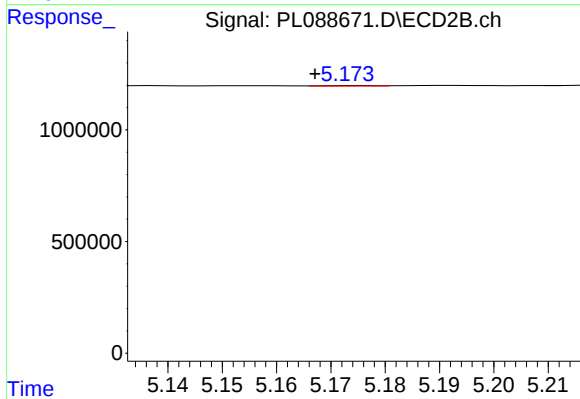
#25 Chlordane-3

R.T.: 5.110 min
Delta R.T.: 0.008 min
Response: 387275
Conc: 2.27 ng/ml



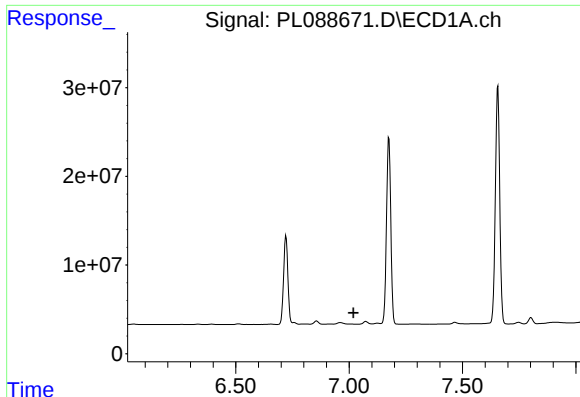
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.160 min
Response: 0
Conc: N.D.



#26 Chlordane-4

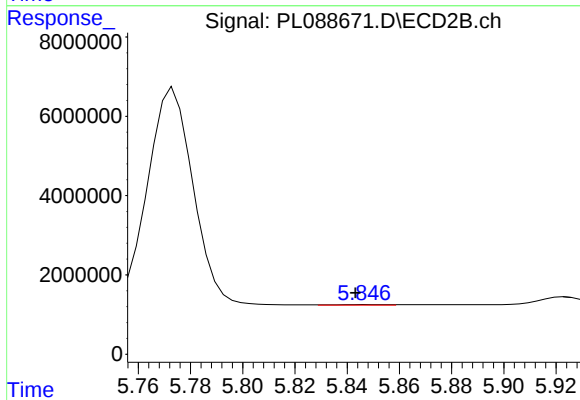
R.T.: 5.175 min
Delta R.T.: 0.008 min
Response: 18331
Conc: 0.11 ng/ml



#27 Chlordane-5

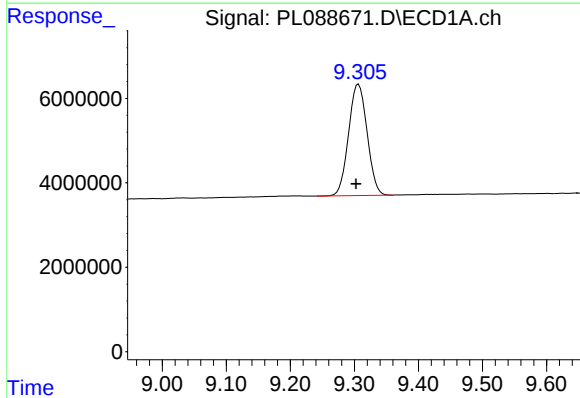
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



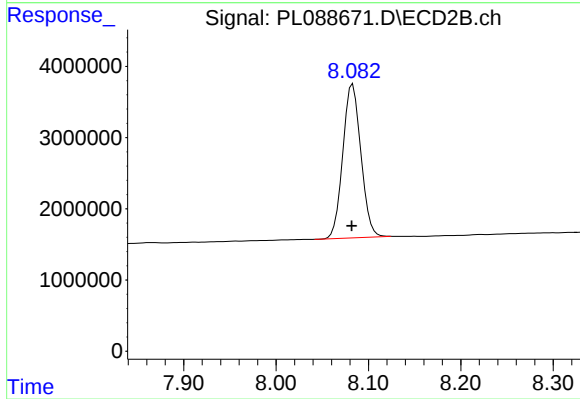
#27 Chlordane-5

R.T.: 5.847 min
Delta R.T.: 0.004 min
Response: 196756
Conc: 3.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.306 min
Delta R.T.: 0.004 min
Response: 53013461
Conc: 21.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.001 min
Response: 29344428
Conc: 21.64 ng/ml