

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040424\
 Data File : PL088921.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2024 09:08
 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: Apr 05 01:25:41 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...	3.633	2.851	58319821	30204941	22.008	22.664
28)	SA Decachlor...	9.307	8.081	51137554	33445744	20.687	24.666
Target Compounds							
2)	A alpha-BHC	4.098	3.365	40734980	20388354	10.205	10.146
3)	MA gamma-BHC...	4.437	3.702	39526112	20073795	10.192	10.460
4)	MA Heptachlor	0.000	4.072f	0	88952	N.D.	0.049 #
5)	MB Aldrin	0.000	4.343	0	918090	N.D.	0.508 #
6)	B beta-BHC	4.635	4.004	19546829	10480065	11.022	12.225
7)	B delta-BHC	0.000	4.234	0	504020	N.D.	0.263 #
8)	B Heptachlo...	5.812	0.000	9688466	0	2.821	N.D. #
9)	A Endosulfan I	6.207	5.212	1028507	276729	0.337	0.184 #
10)	B gamma-Chl...	6.048f	5.108	12550353	1073724	3.768	0.648 #
11)	B alpha-Chl...	6.177f	5.158	2244948	598568	0.675	0.361 #
12)	B 4,4'-DDE	6.332	5.359	671148	318395	0.225	0.218
13)	MA Dieldrin	6.510f	5.499	1007099	211634	0.311	0.130 #
14)	MA Endrin	6.720	5.771	135.2E6	78848456	49.475	54.702
15)	B Endosulfa...	6.961f	6.085	7346255	1174028	2.565	0.816 #
16)	A 4,4'-DDD	6.855	5.921	13669885	4474826	5.368	3.593 #
17)	MA 4,4'-DDT	7.173	6.176	269.7E6	164.6E6	101.190	122.605
18)	B Endrin al...	7.073	6.251	4969625	3472181	2.380	3.313 #
19)	B Endosulfa...	0.000	6.465	0	218468	N.D.	0.157 #
20)	A Methoxychlor	7.656	6.760	352.0E6	207.5E6	233.673	258.684
21)	B Endrin ke...	7.801	6.989	11057767	7373177	3.740	4.467
22)	Mirex	0.000	7.189	0	394166	N.D.	0.292 #
23)	Chlordane-1	0.000	3.854f	0	2476	N.D.	0.051 #
24)	Chlordane-2	0.000	4.470	0	490785	N.D.	8.083 #
25)	Chlordane-3	6.048f	5.108	12550353	1073724	25.240	6.291 #
26)	Chlordane-4	6.177	5.158	2244948	598568	3.742	3.752
27)	Chlordane-5	0.000	5.848	0	244857	N.D.	4.828 #

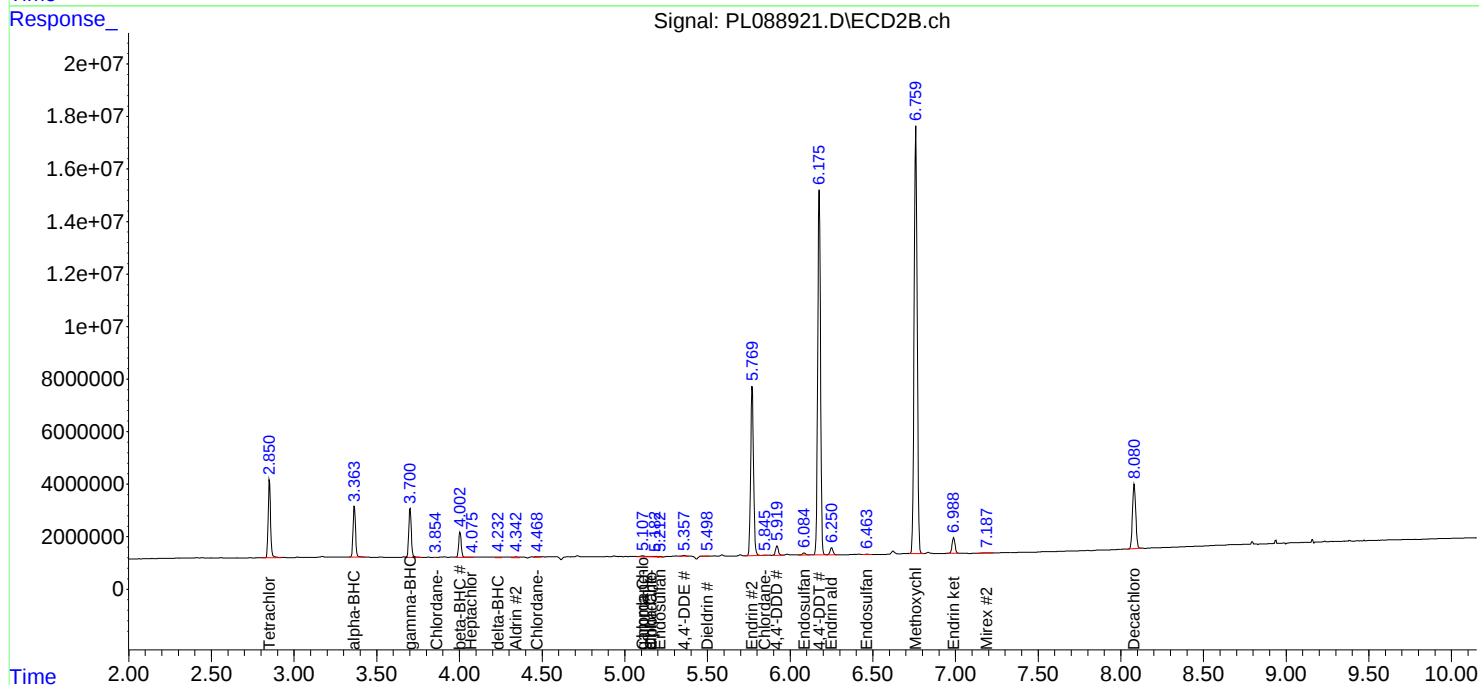
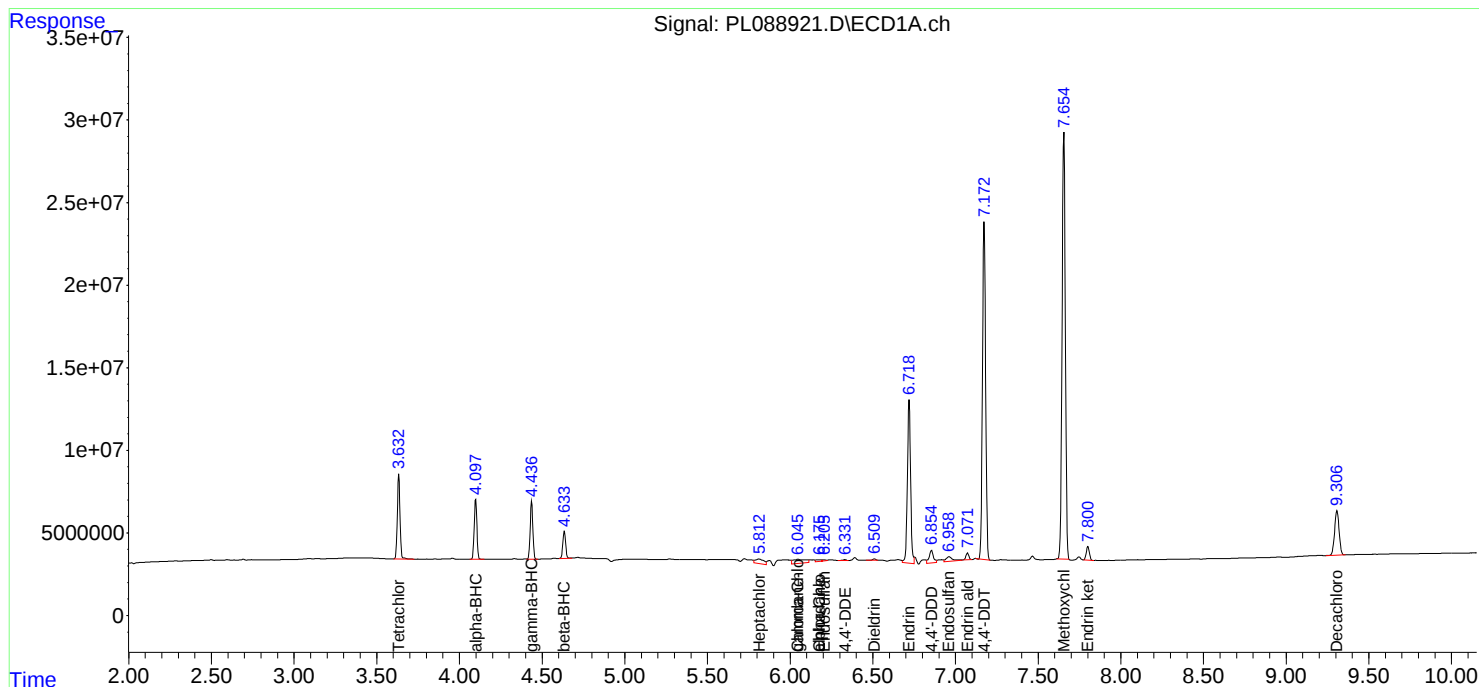
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

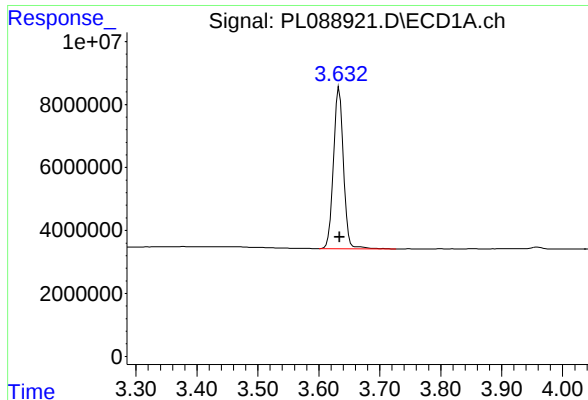
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040424\
Data File : PL088921.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2024 09:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 05 01:25:41 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

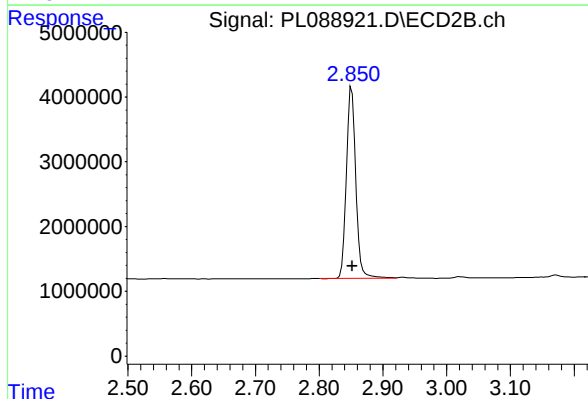




#1 Tetrachloro-m-xylene

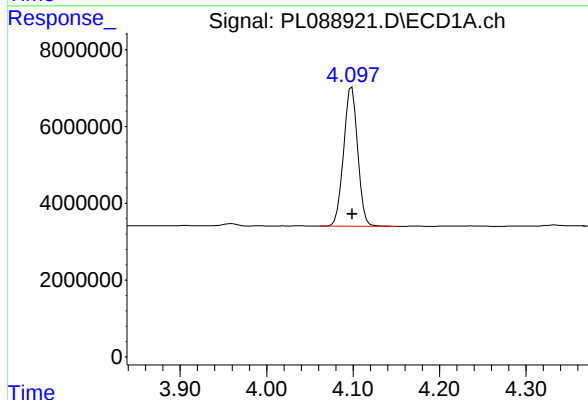
R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 58319821
Conc: 22.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



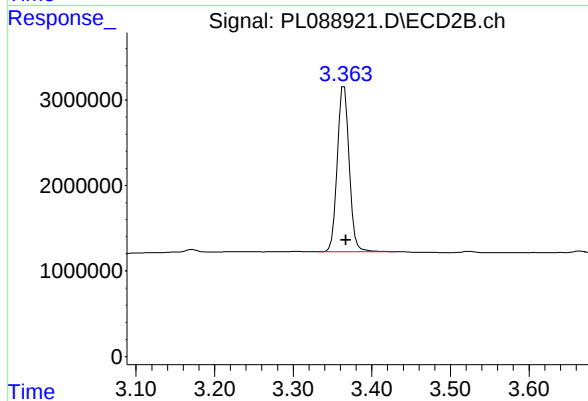
#1 Tetrachloro-m-xylene

R.T.: 2.851 min
Delta R.T.: -0.001 min
Response: 30204941
Conc: 22.66 ng/ml



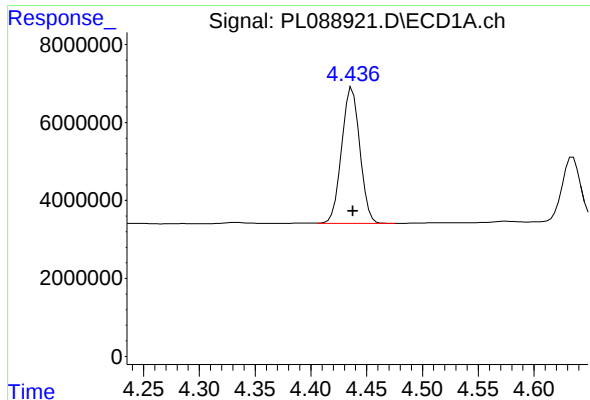
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40734980
Conc: 10.20 ng/ml



#2 alpha-BHC

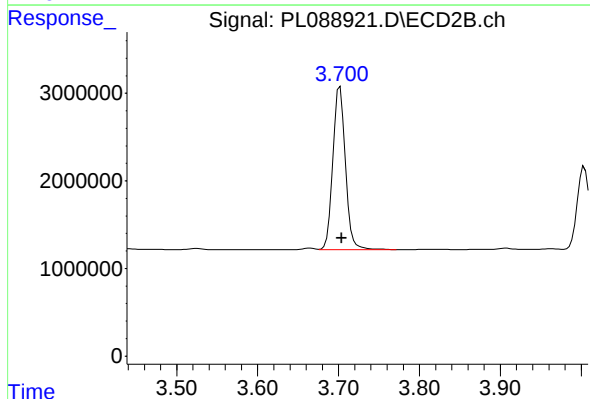
R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 20388354
Conc: 10.15 ng/ml



#3 gamma-BHC (Lindane)

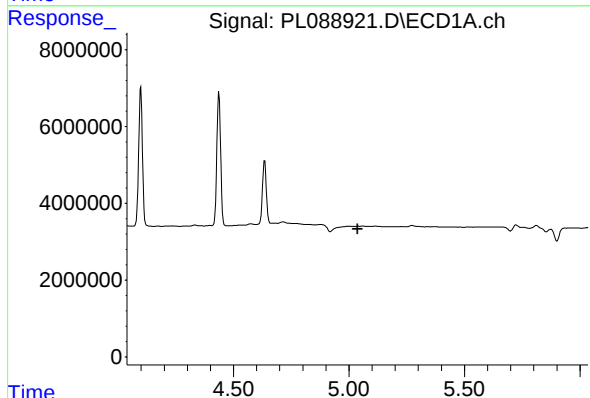
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 39526112
Conc: 10.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



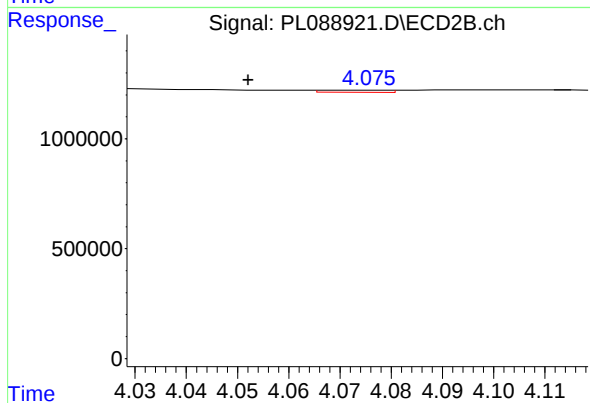
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 20073795
Conc: 10.46 ng/ml



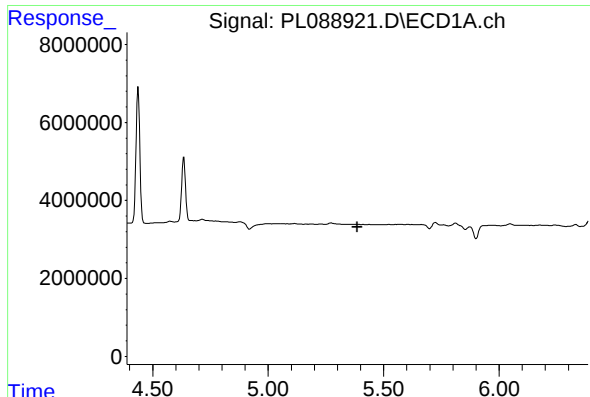
#4 Heptachlor

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



#4 Heptachlor

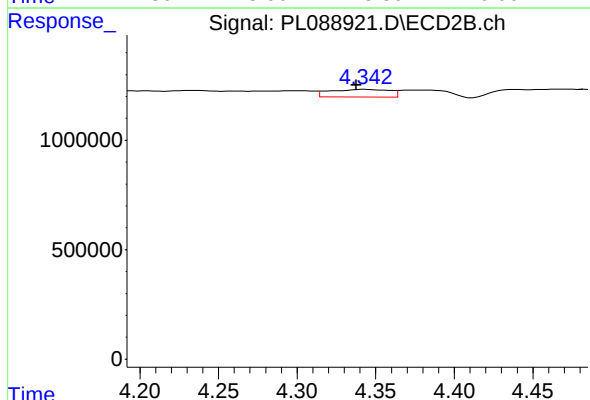
R.T.: 4.072 min
Delta R.T.: 0.020 min
Response: 88952
Conc: 0.05 ng/ml



#5 Aldrin

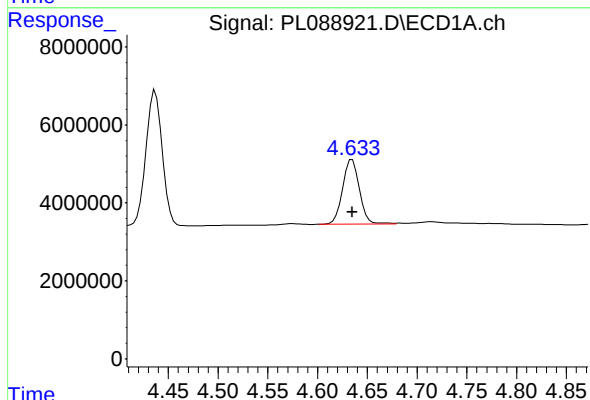
R.T.: 0.000 min
Exp R.T.: 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



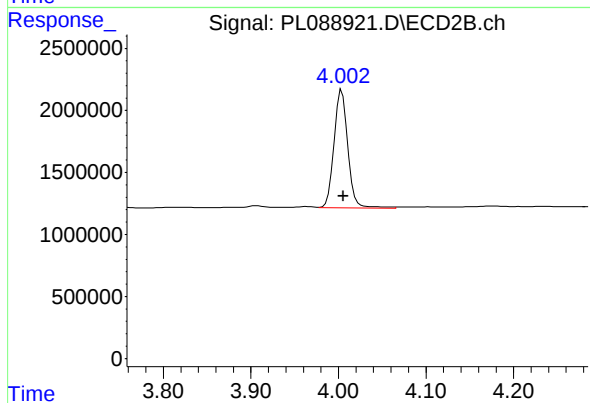
#5 Aldrin

R.T.: 4.343 min
Delta R.T.: 0.006 min
Response: 918090
Conc: 0.51 ng/ml



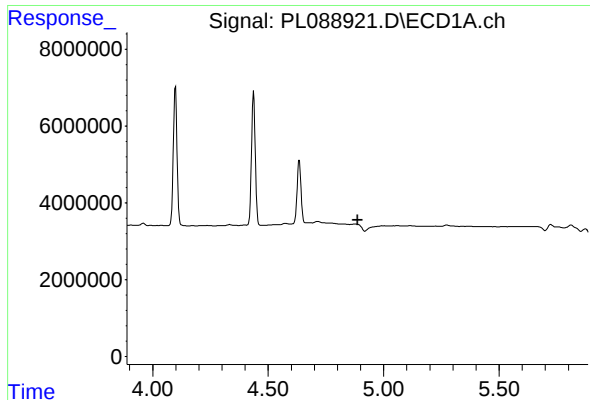
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 19546829
Conc: 11.02 ng/ml



#6 beta-BHC

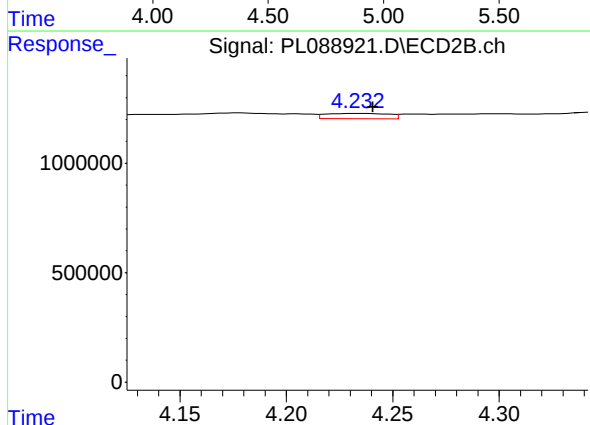
R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 10480065
Conc: 12.23 ng/ml



#7 delta-BHC

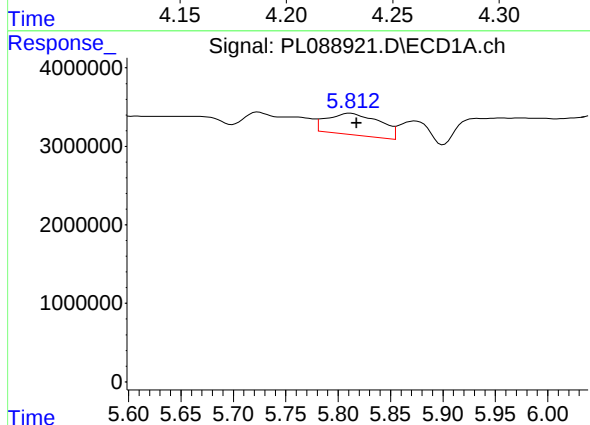
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



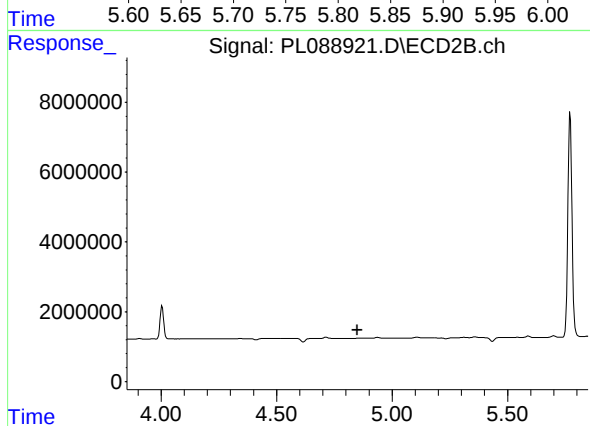
#7 delta-BHC

R.T.: 4.234 min
Delta R.T.: -0.007 min
Response: 504020
Conc: 0.26 ng/ml



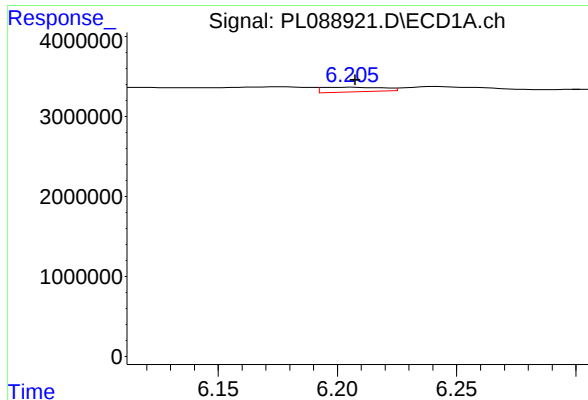
#8 Heptachlor epoxide

R.T.: 5.812 min
Delta R.T.: -0.006 min
Response: 9688466
Conc: 2.82 ng/ml



#8 Heptachlor epoxide

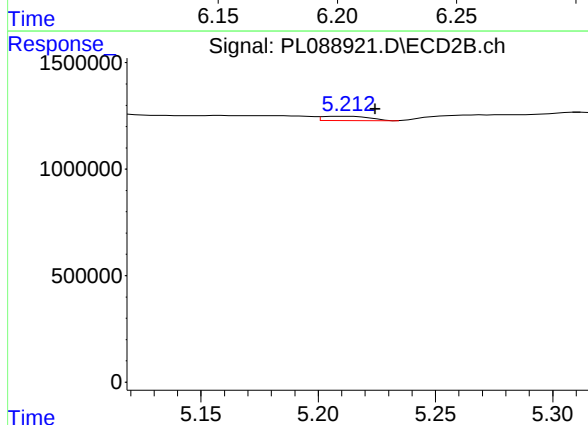
R.T.: 0.000 min
Exp R.T.: 4.849 min
Response: 0
Conc: N.D.



#9 Endosulfan I

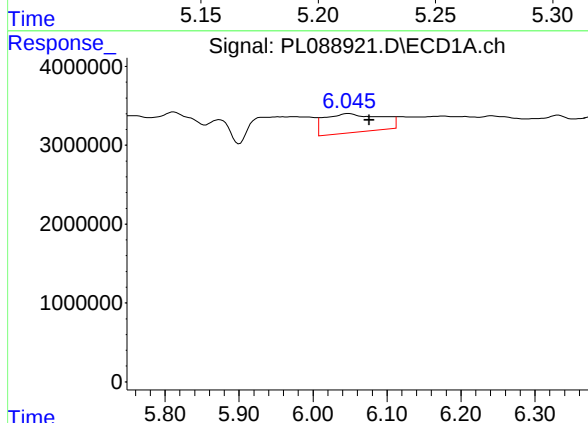
R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 1028507
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



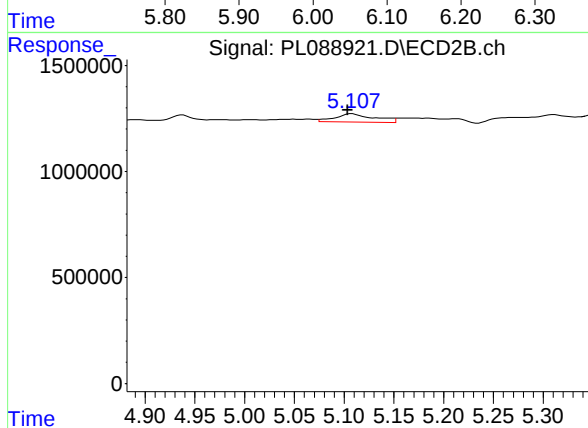
#9 Endosulfan I

R.T.: 5.212 min
Delta R.T.: -0.012 min
Response: 276729
Conc: 0.18 ng/ml



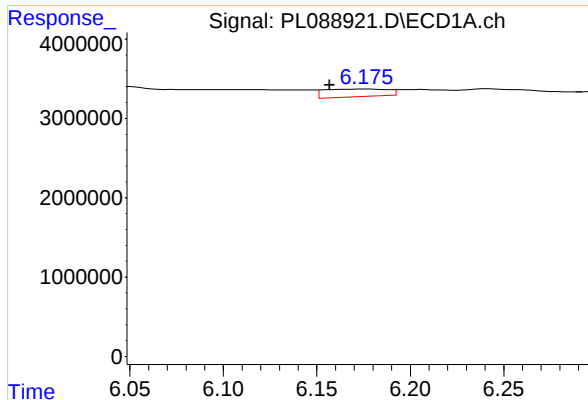
#10 gamma-Chlordane

R.T.: 6.048 min
Delta R.T.: -0.028 min
Response: 12550353
Conc: 3.77 ng/ml



#10 gamma-Chlordane

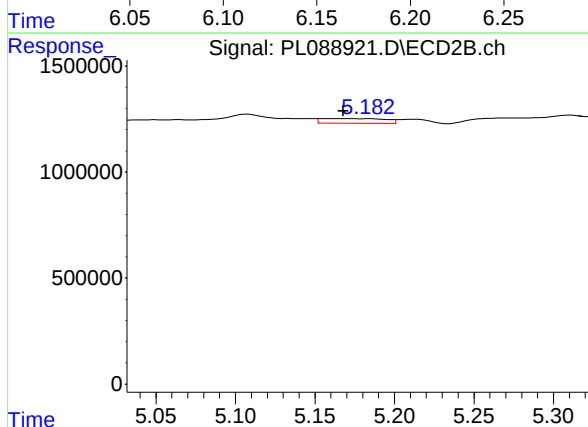
R.T.: 5.108 min
Delta R.T.: 0.005 min
Response: 1073724
Conc: 0.65 ng/ml



#11 alpha-Chlordane

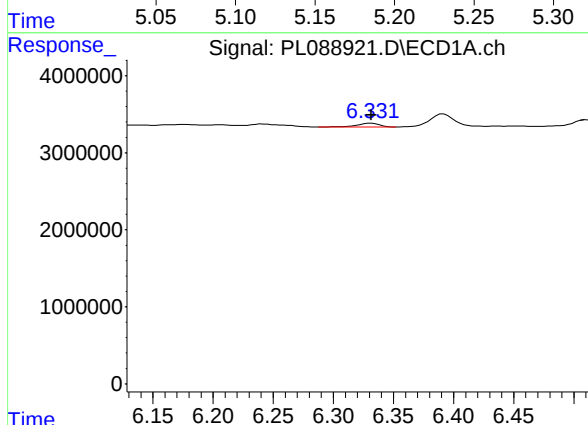
R.T.: 6.177 min
Delta R.T.: 0.020 min
Response: 2244948
Conc: 0.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



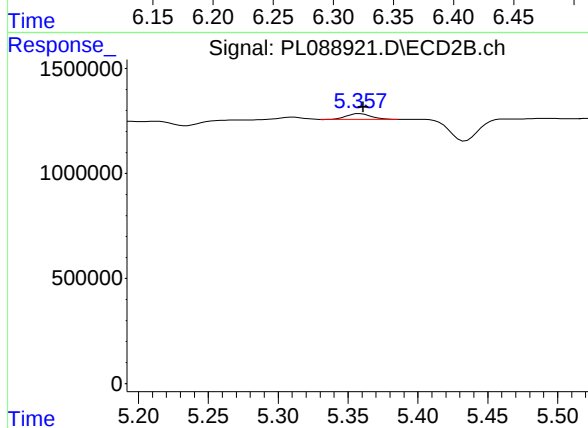
#11 alpha-Chlordane

R.T.: 5.158 min
Delta R.T.: -0.010 min
Response: 598568
Conc: 0.36 ng/ml



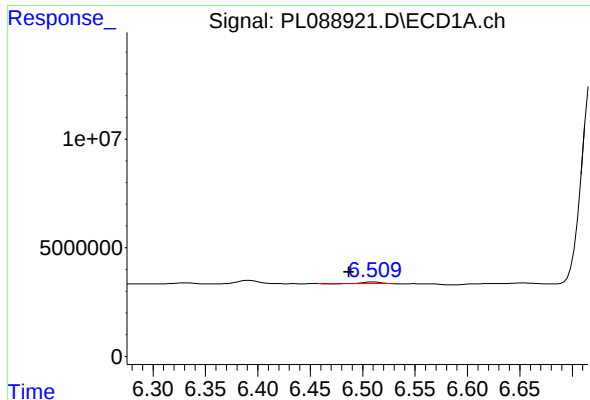
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 671148
Conc: 0.22 ng/ml



#12 4,4'-DDE

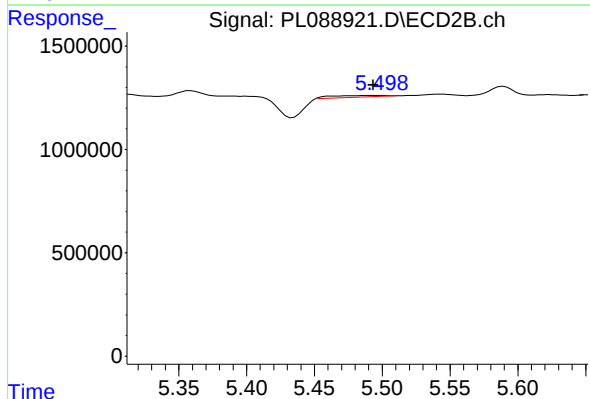
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 318395
Conc: 0.22 ng/ml



#13 Dieldrin

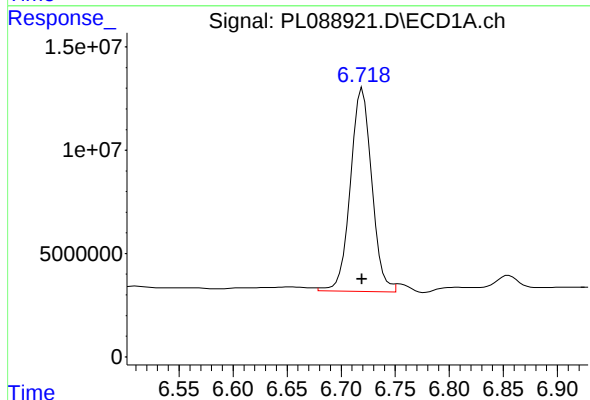
R.T.: 6.510 min
Delta R.T.: 0.023 min
Response: 1007099
Conc: 0.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



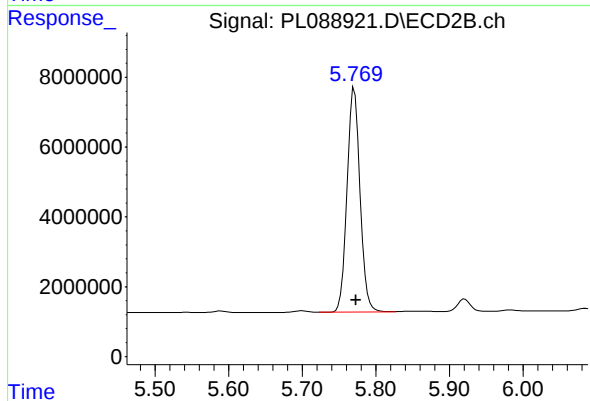
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.005 min
Response: 211634
Conc: 0.13 ng/ml



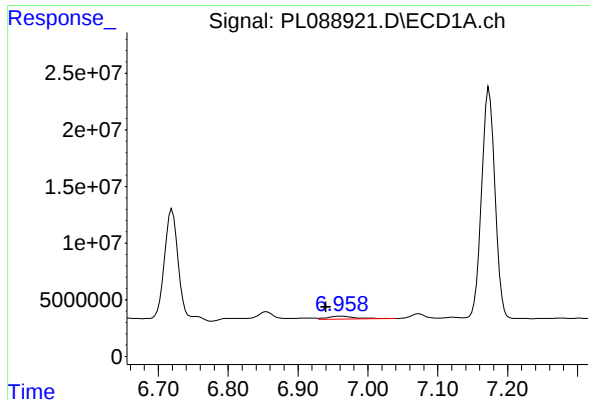
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 135249771
Conc: 49.47 ng/ml



#14 Endrin

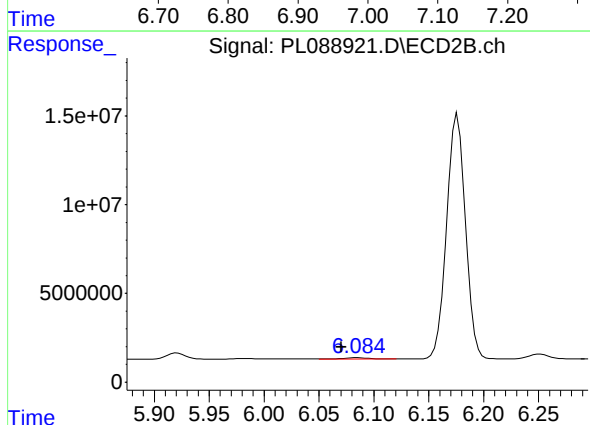
R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 78848456
Conc: 54.70 ng/ml



#15 Endosulfan II

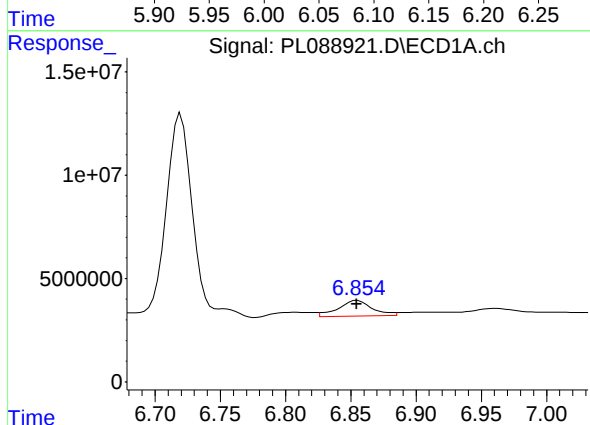
R.T.: 6.961 min
Delta R.T.: 0.021 min
Response: 7346255
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



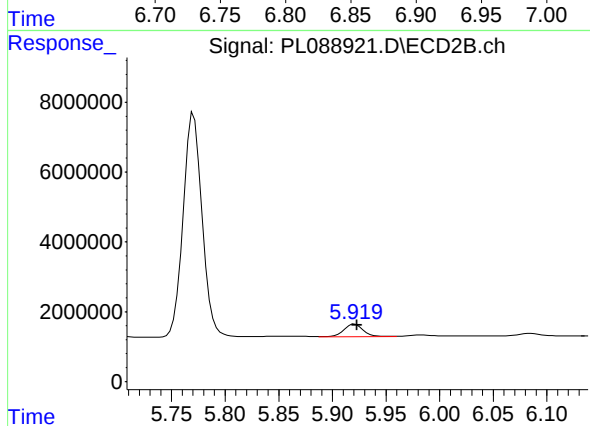
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.015 min
Response: 1174028
Conc: 0.82 ng/ml



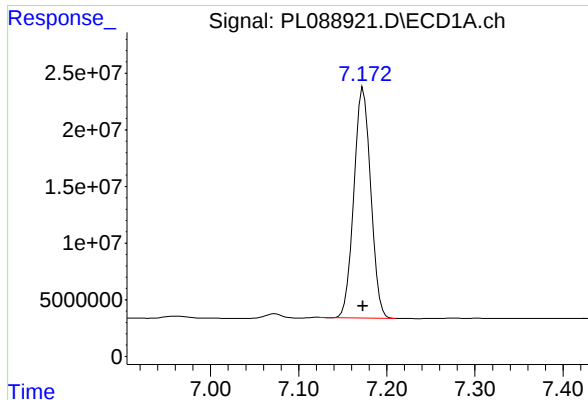
#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 13669885
Conc: 5.37 ng/ml



#16 4,4'-DDD

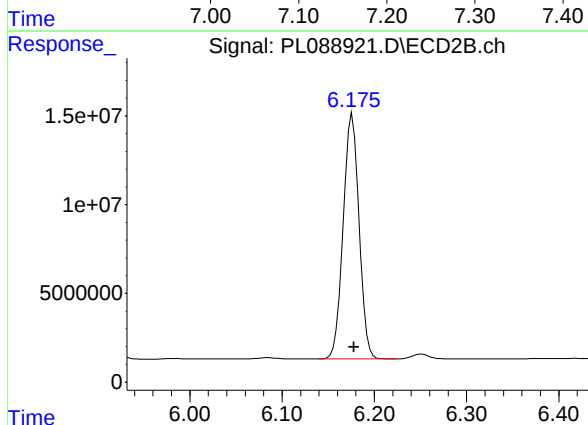
R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 4474826
Conc: 3.59 ng/ml



#17 4,4'-DDT

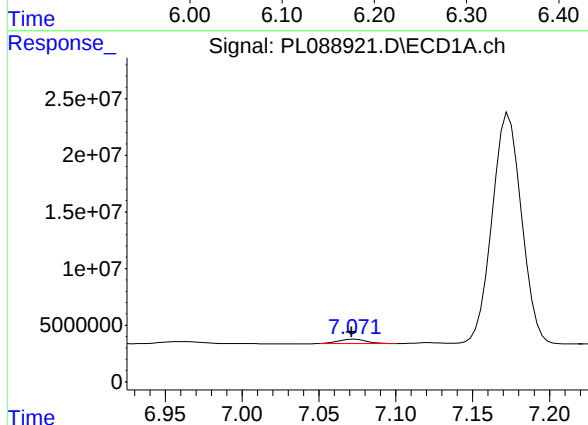
R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 269718487
Conc: 101.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



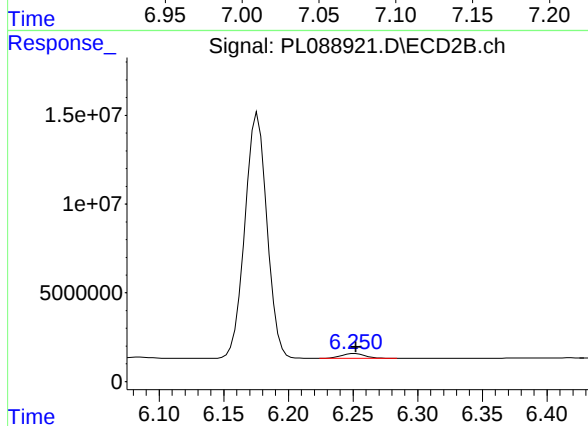
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 164559768
Conc: 122.60 ng/ml



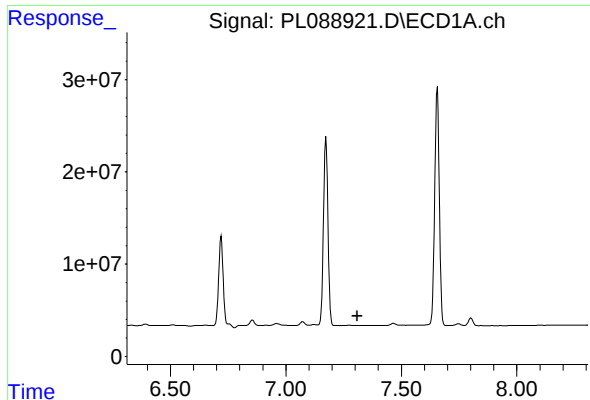
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.002 min
Response: 4969625
Conc: 2.38 ng/ml



#18 Endrin aldehyde

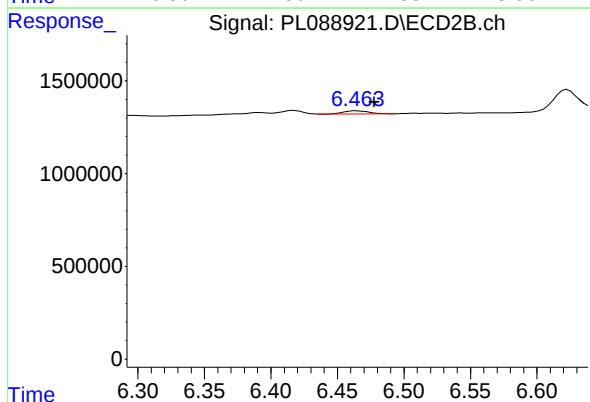
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 3472181
Conc: 3.31 ng/ml



#19 Endosulfan Sulfate

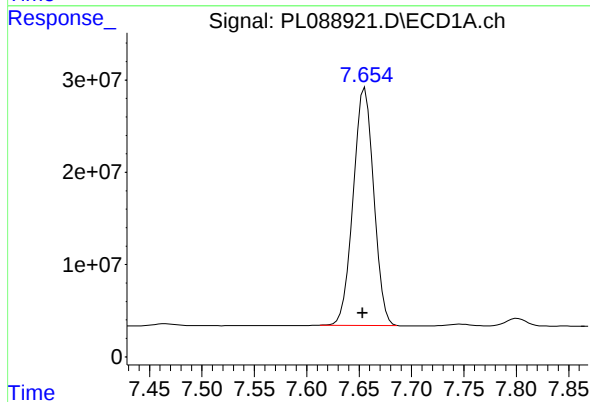
R.T.: 0.000 min
Exp R.T.: 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



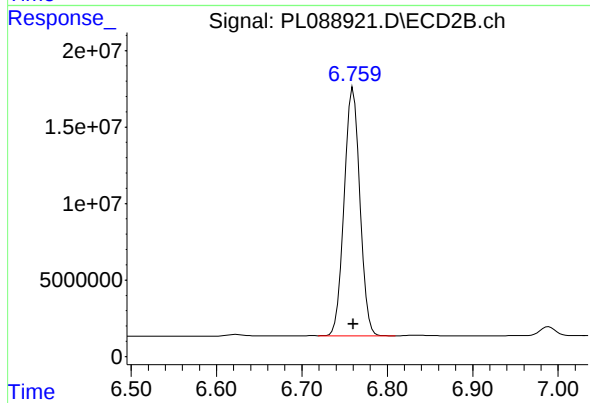
#19 Endosulfan Sulfate

R.T.: 6.465 min
Delta R.T.: -0.013 min
Response: 218468
Conc: 0.16 ng/ml



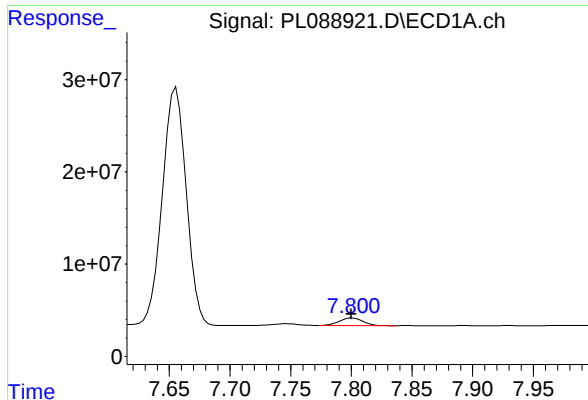
#20 Methoxychlor

R.T.: 7.656 min
Delta R.T.: 0.002 min
Response: 352030970
Conc: 233.67 ng/ml



#20 Methoxychlor

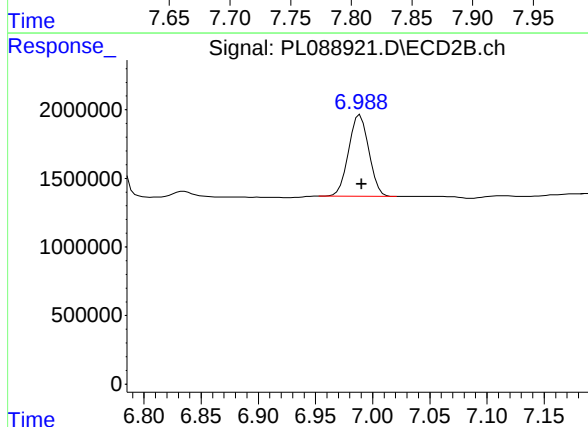
R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 207482587
Conc: 258.68 ng/ml



#21 Endrin ketone

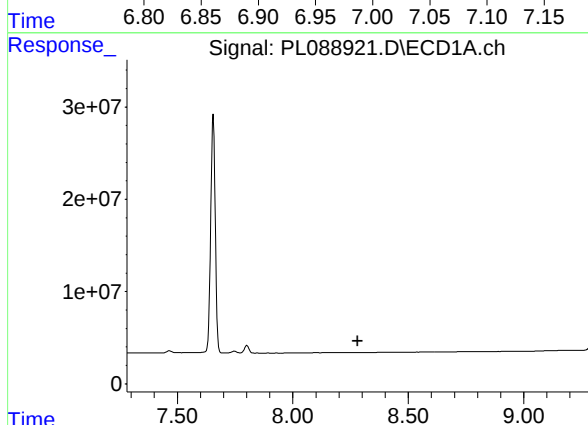
R.T.: 7.801 min
Delta R.T.: 0.000 min
Response: 11057767
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



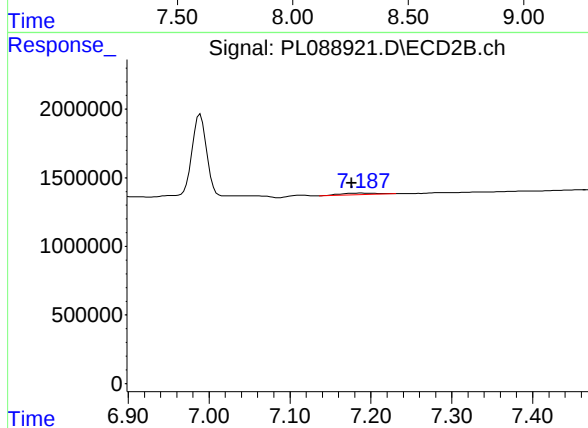
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.001 min
Response: 7373177
Conc: 4.47 ng/ml



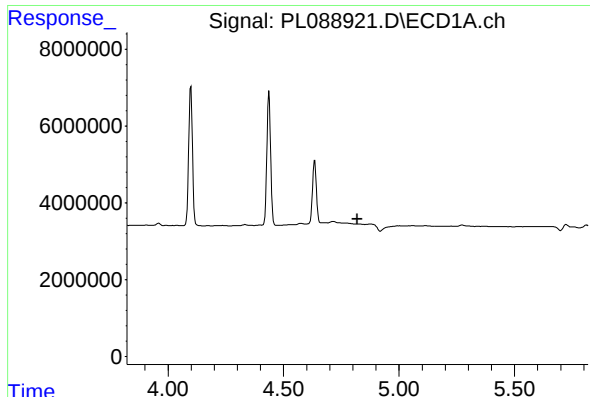
#22 Mirex

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



#22 Mirex

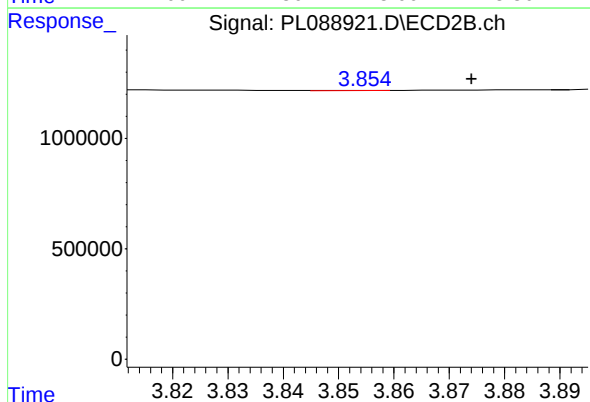
R.T.: 7.189 min
Delta R.T.: 0.012 min
Response: 394166
Conc: 0.29 ng/ml



#23 Chlordane-1

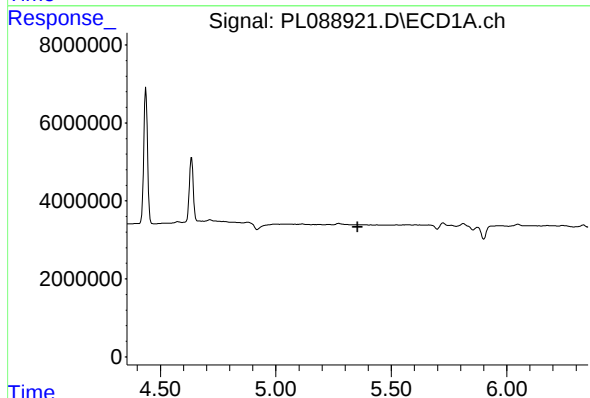
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



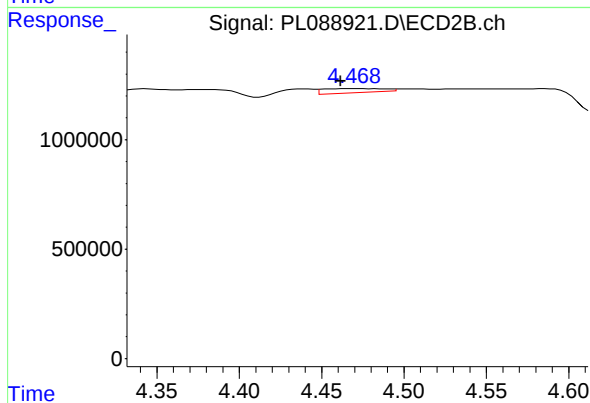
#23 Chlordane-1

R.T.: 3.854 min
Delta R.T.: -0.020 min
Response: 2476
Conc: 0.05 ng/ml



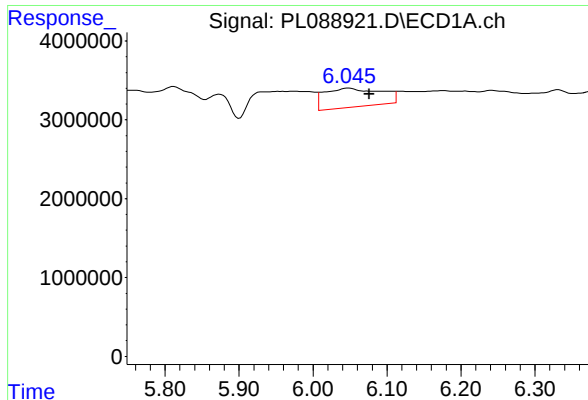
#24 Chlordane-2

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



#24 Chlordane-2

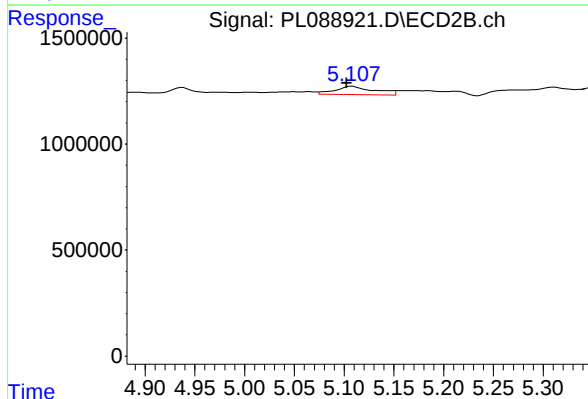
R.T.: 4.470 min
Delta R.T.: 0.008 min
Response: 490785
Conc: 8.08 ng/ml



#25 Chlordane-3

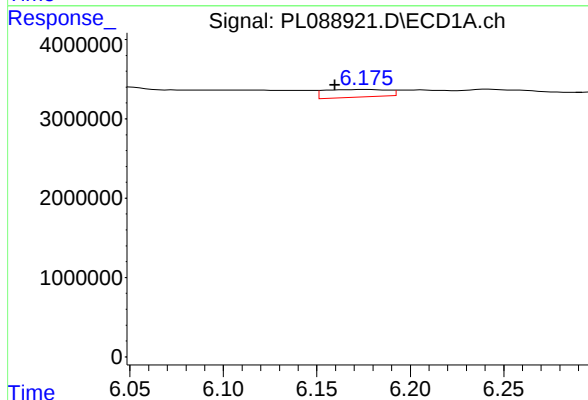
R.T.: 6.048 min
Delta R.T.: -0.028 min
Response: 12550353
Conc: 25.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



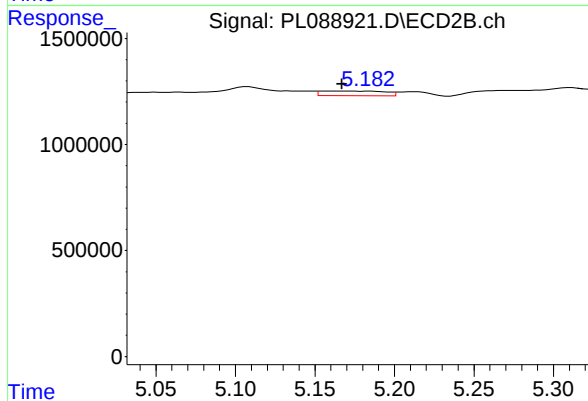
#25 Chlordane-3

R.T.: 5.108 min
Delta R.T.: 0.006 min
Response: 1073724
Conc: 6.29 ng/ml



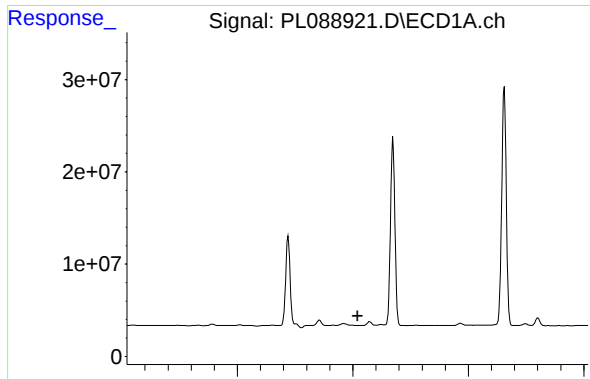
#26 Chlordane-4

R.T.: 6.177 min
Delta R.T.: 0.017 min
Response: 2244948
Conc: 3.74 ng/ml



#26 Chlordane-4

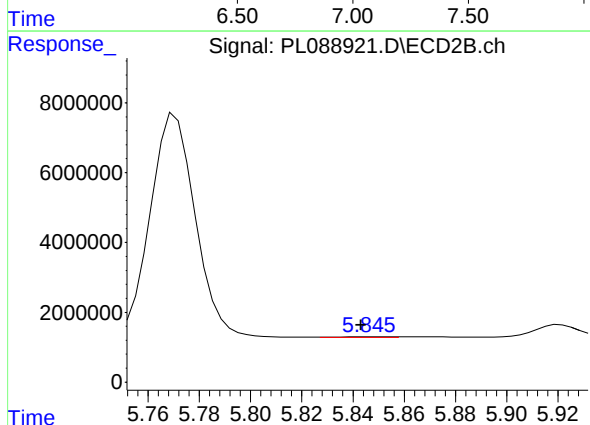
R.T.: 5.158 min
Delta R.T.: -0.009 min
Response: 598568
Conc: 3.75 ng/ml



#27 Chlordane-5

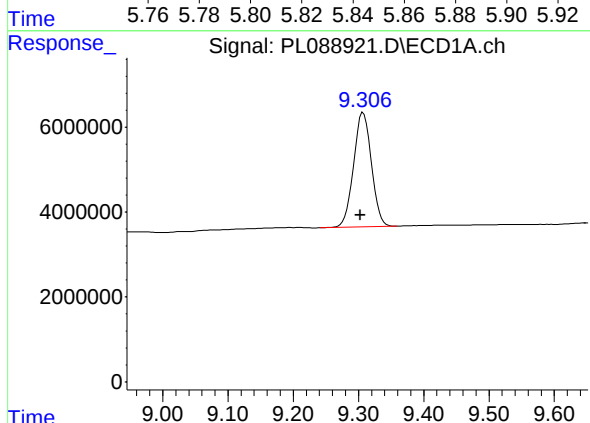
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



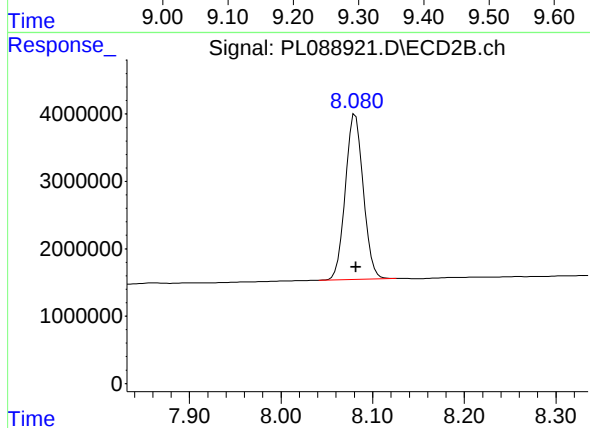
#27 Chlordane-5

R.T.: 5.848 min
Delta R.T.: 0.005 min
Response: 244857
Conc: 4.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.307 min
Delta R.T.: 0.004 min
Response: 51137554
Conc: 20.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 33445744
Conc: 24.67 ng/ml