

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032824\
 Data File : PL088814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2024 10:05
 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 29 01:31:04 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...	3.634	2.852	63034240	32641010	23.787	24.492
28) SA Decachlor...	9.300	8.077	53021038	33132121	21.449	24.435
Target Compounds						
2) A alpha-BHC	4.099	3.366	43938905	22115795	11.008	11.006
3) MA gamma-BHC...	4.437	3.702	42610976	21392877	10.987	11.147
5) MB Aldrin	0.000	4.344	0	556503	N.D.	0.308 #
6) B beta-BHC	4.635	4.004	21118885	10926145	11.908	12.746
7) B delta-BHC	0.000	4.233	0	226789	N.D.	0.119 #
8) B Heptachlo...	5.809	4.857	4774007	22523	1.390	0.014 #
9) A Endosulfan I	0.000	5.196f	0	211923	N.D.	0.141 #
10) B gamma-Chl...	0.000	5.108	0	891492	N.D.	0.538 #
11) B alpha-Chl...	0.000	5.163	0	117301	N.D.	0.071 #
12) B 4,4'-DDE	6.329	5.359	753003	384314	0.252	0.263
13) MA Dieldrin	6.509f	5.492	1231939	78997	0.380	0.049 #
14) MA Endrin	6.718	5.771	138.6E6	81305719	50.687	56.406
15) B Endosulfa...	6.957f	6.084	4050973	1228212	1.414	0.854 #
16) A 4,4'-DDD	6.852	5.920	12629791	6401349	4.959	5.140
17) MA 4,4'-DDT	7.171	6.175	274.6E6	166.8E6	103.034	124.255
18) B Endrin al...	7.069	6.249	4791871	3776962	2.295	3.604 #
19) B Endosulfa...	0.000	6.462f	0	165038	N.D.	0.119 #
20) A Methoxychlor	7.651	6.757	358.1E6	210.6E6	237.676	262.512
21) B Endrin ke...	7.797	6.986	11868383	8539952	4.014	5.174 #
22) Mirex	0.000	7.198f	0	250785	N.D.	0.186 #
23) Chlordane-1	0.000	3.852f	0	13765	N.D.	0.283 #
24) Chlordane-2	0.000	4.481f	0	228303	N.D.	3.760 #
25) Chlordane-3	0.000	5.108	0	891492	N.D.	5.223 #
26) Chlordane-4	0.000	5.163	0	117301	N.D.	0.735 #
27) Chlordane-5	7.021	5.843	38138	578688	0.361	11.410 #

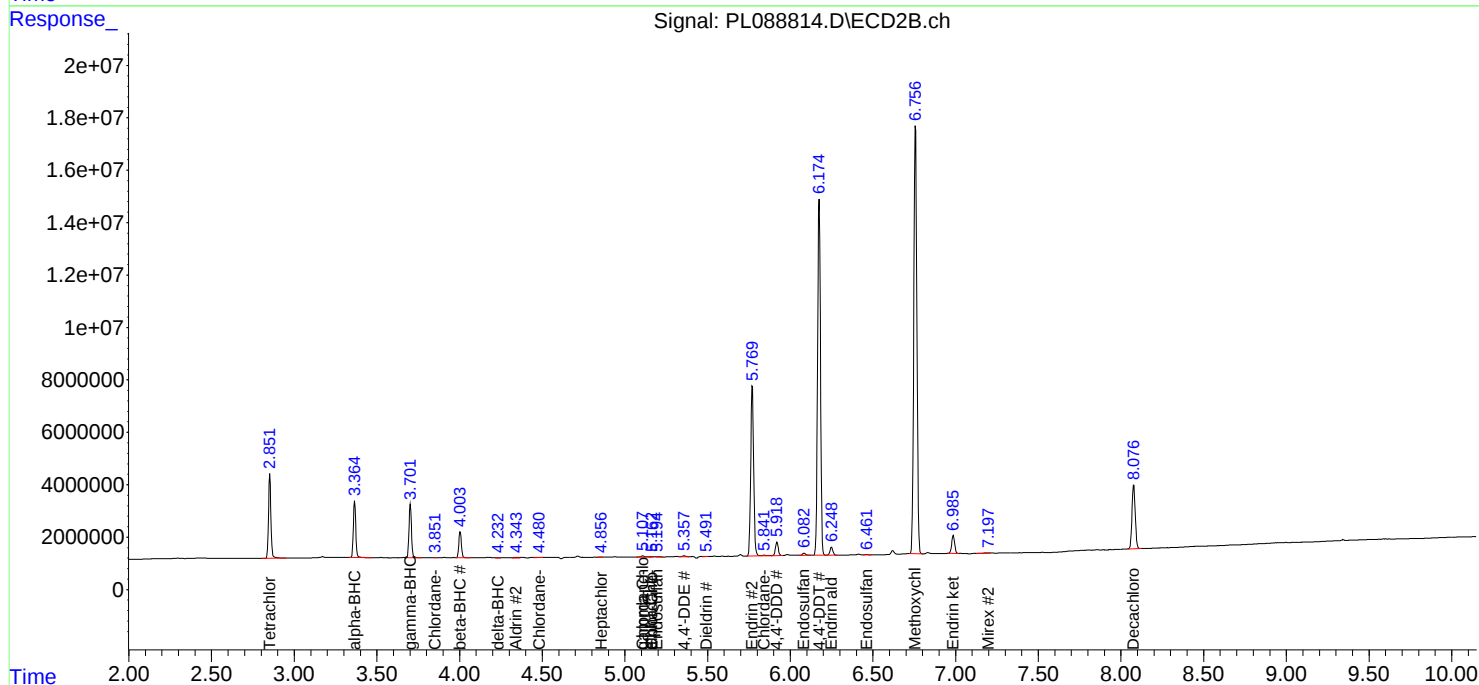
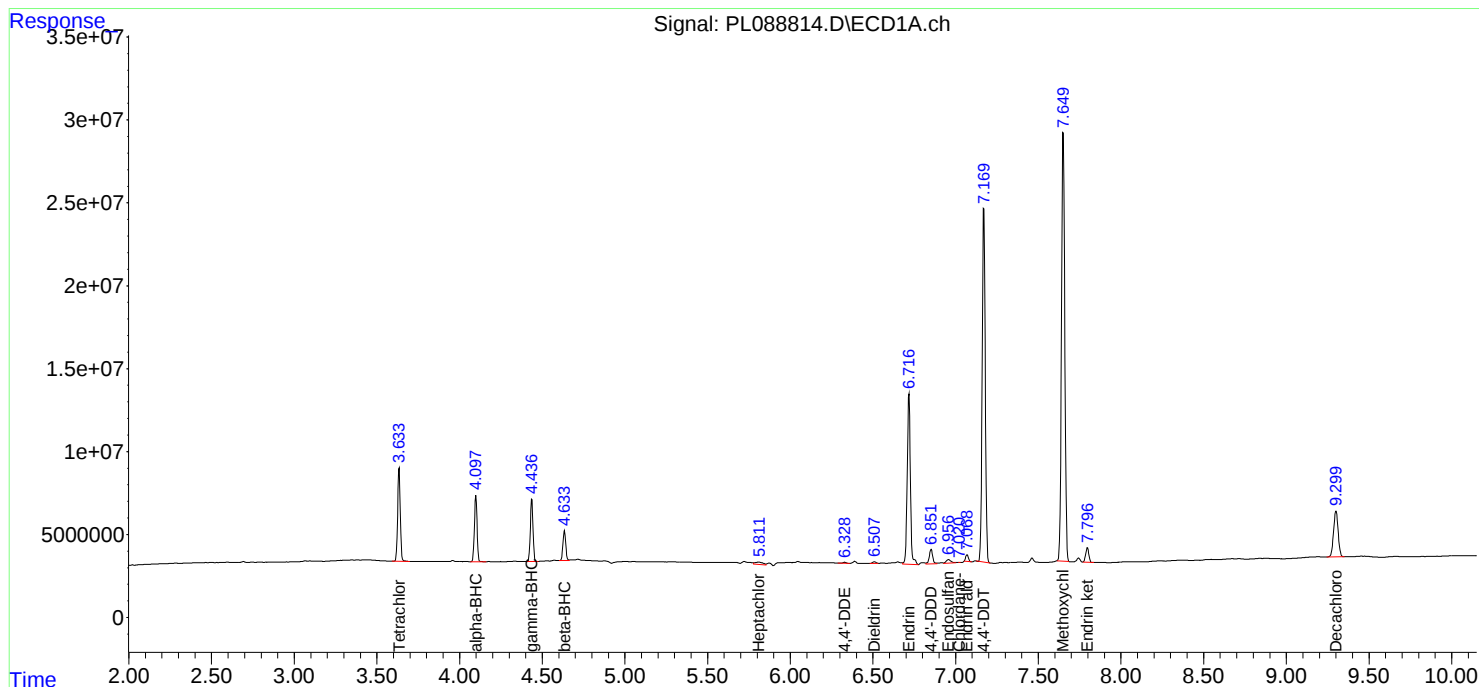
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

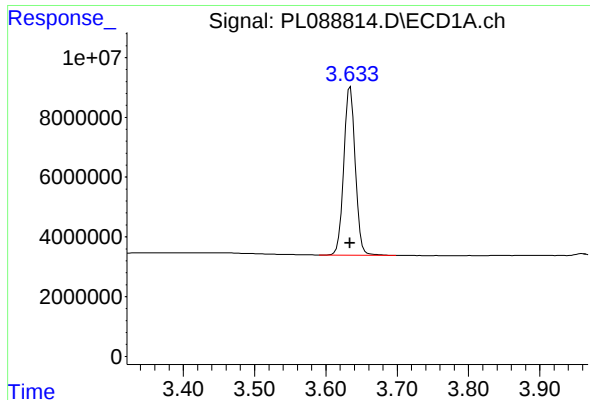
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032824\
Data File : PL088814.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2024 10:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 29 01:31:04 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

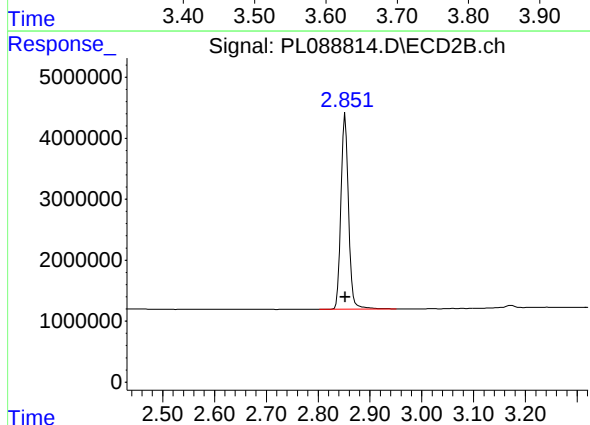




#1 Tetrachloro-m-xylene

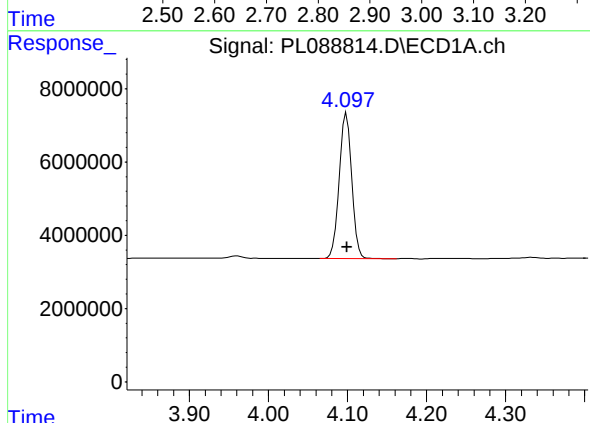
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 63034240
Conc: 23.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



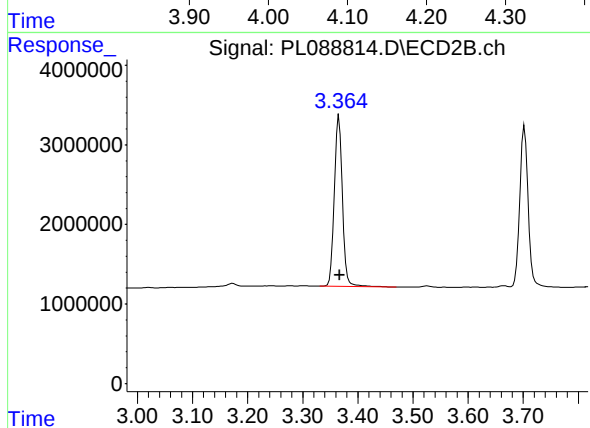
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 32641010
Conc: 24.49 ng/ml



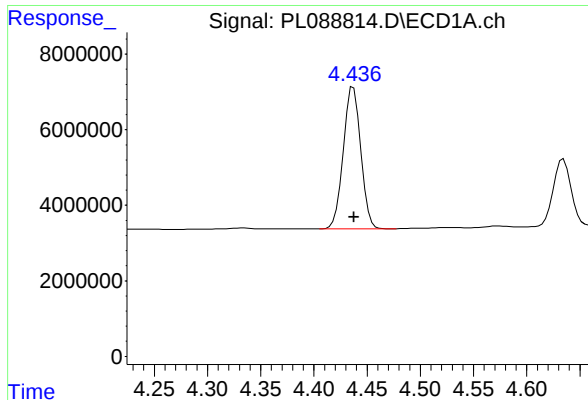
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 43938905
Conc: 11.01 ng/ml



#2 alpha-BHC

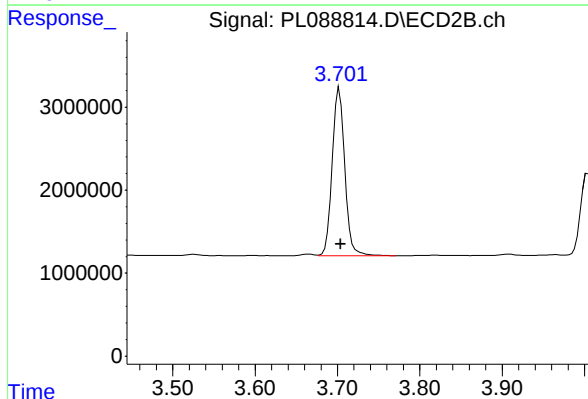
R.T.: 3.366 min
Delta R.T.: -0.001 min
Response: 22115795
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

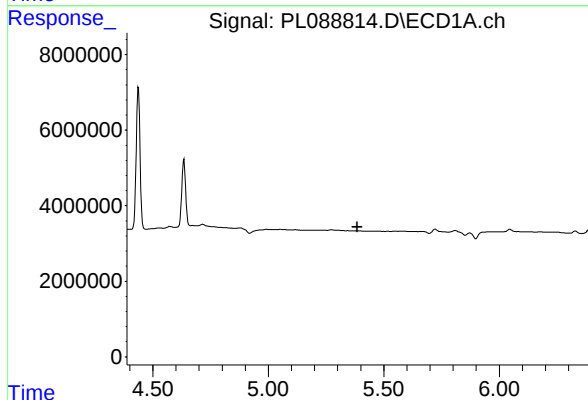
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 42610976
Conc: 10.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



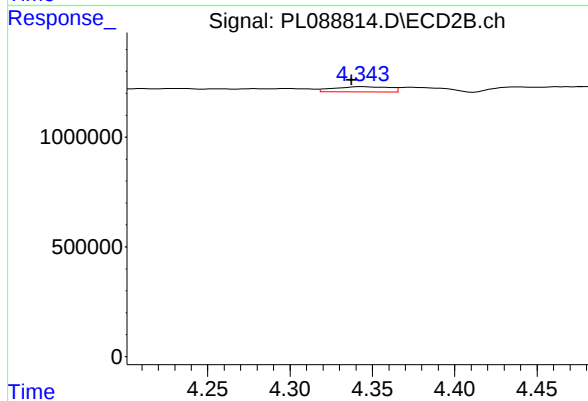
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 21392877
Conc: 11.15 ng/ml



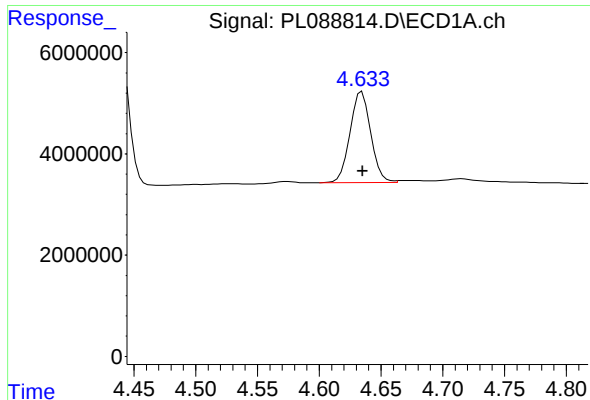
#5 Aldrin

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



#5 Aldrin

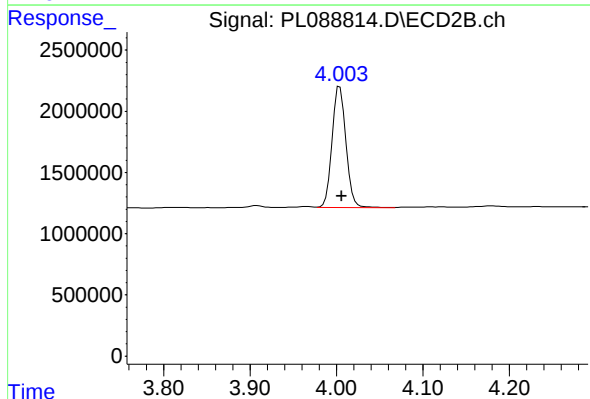
R.T.: 4.344 min
Delta R.T.: 0.007 min
Response: 556503
Conc: 0.31 ng/ml



#6 beta-BHC

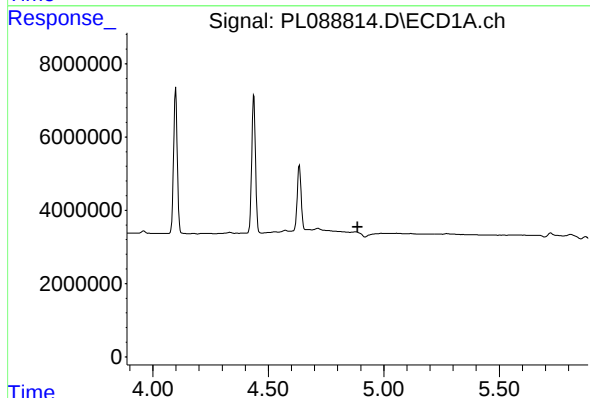
R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 21118885
Conc: 11.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



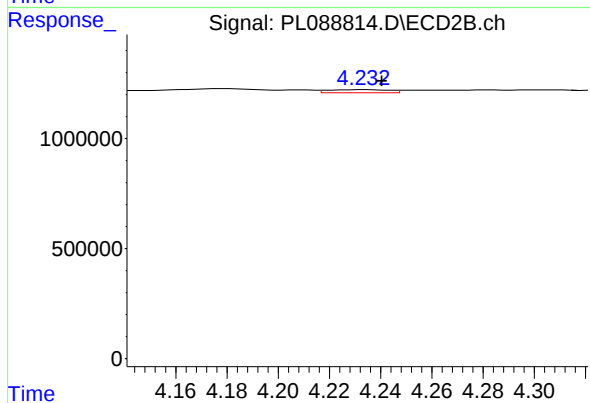
#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 10926145
Conc: 12.75 ng/ml



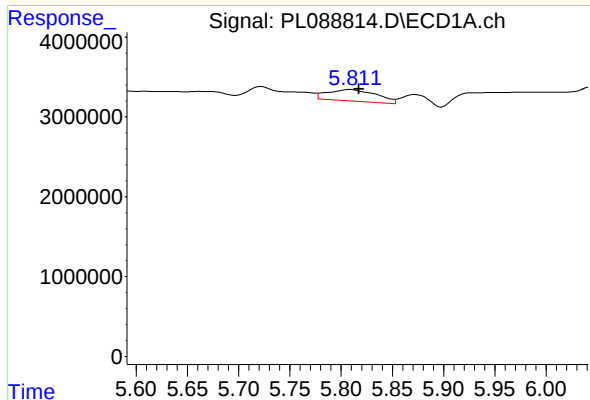
#7 delta-BHC

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



#7 delta-BHC

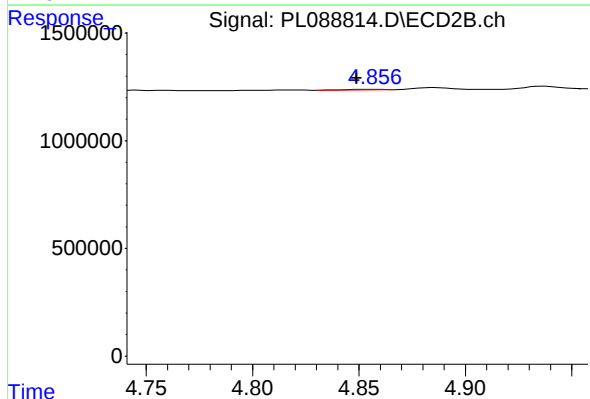
R.T.: 4.233 min
Delta R.T.: -0.007 min
Response: 226789
Conc: 0.12 ng/ml



#8 Heptachlor epoxide

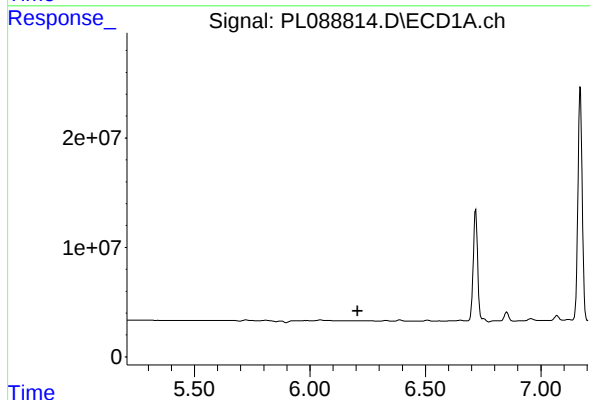
R.T.: 5.809 min
Delta R.T.: -0.008 min
Response: 4774007
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



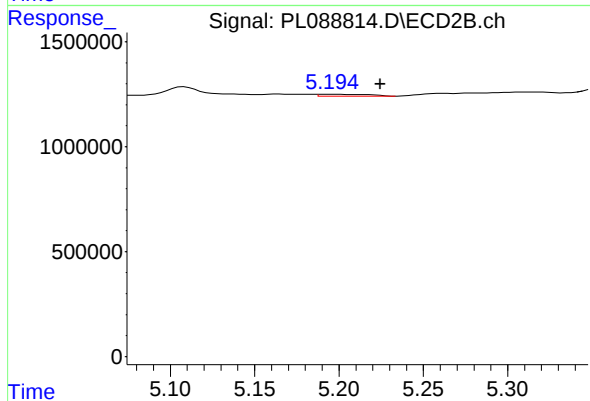
#8 Heptachlor epoxide

R.T.: 4.857 min
Delta R.T.: 0.008 min
Response: 22523
Conc: 0.01 ng/ml



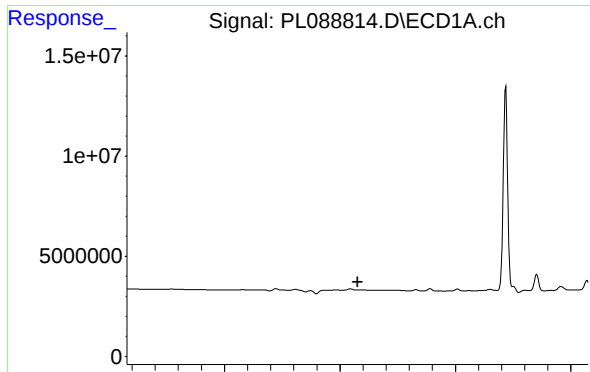
#9 Endosulfan I

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



#9 Endosulfan I

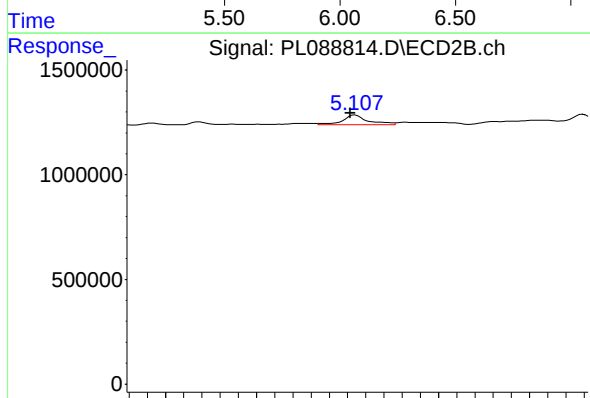
R.T.: 5.196 min
Delta R.T.: -0.029 min
Response: 211923
Conc: 0.14 ng/ml



#10 gamma-Chlordane

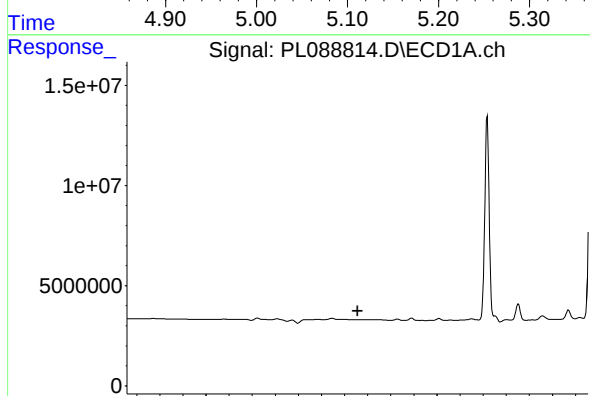
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



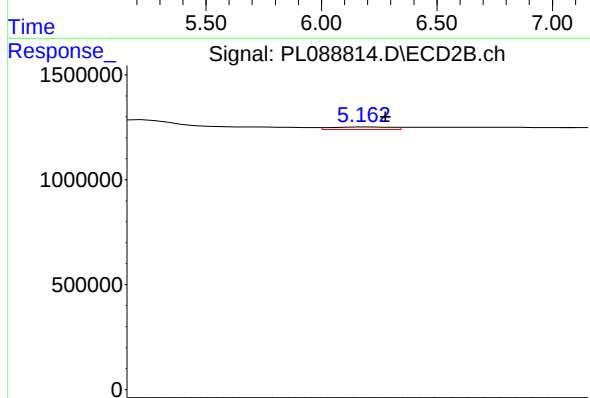
#10 gamma-Chlordane

R.T.: 5.108 min
Delta R.T.: 0.005 min
Response: 891492
Conc: 0.54 ng/ml



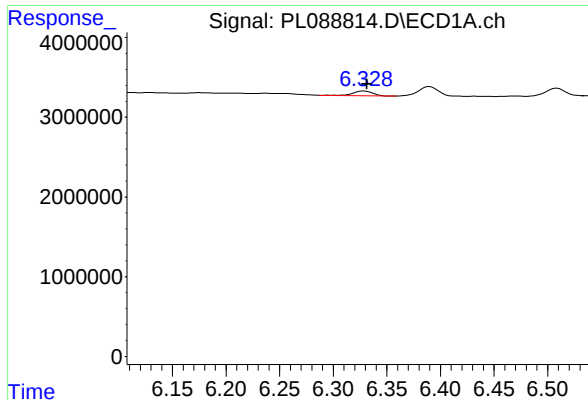
#11 alpha-Chlordane

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



#11 alpha-Chlordane

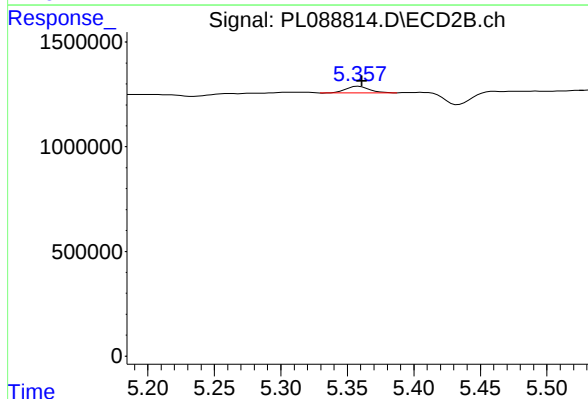
R.T.: 5.163 min
Delta R.T.: -0.005 min
Response: 117301
Conc: 0.07 ng/ml



#12 4,4'-DDE

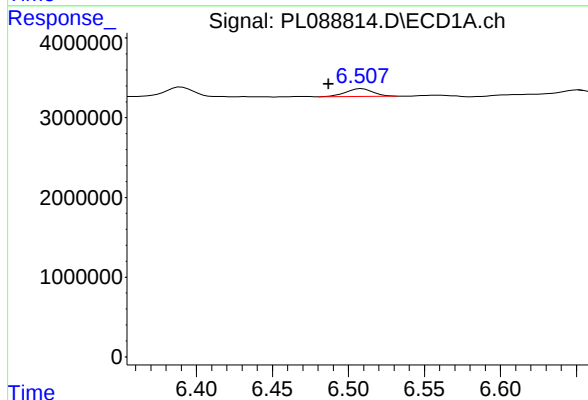
R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 753003
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



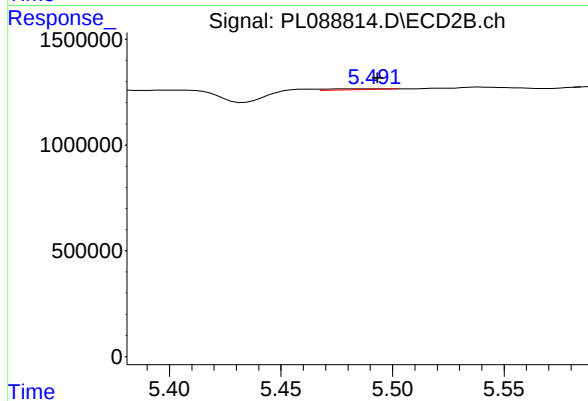
#12 4,4'-DDE

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 384314
Conc: 0.26 ng/ml



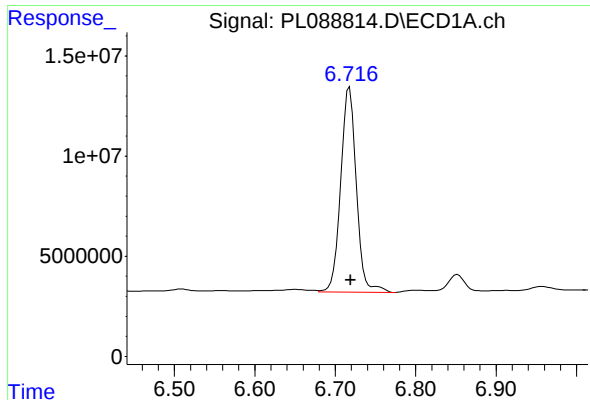
#13 Dieldrin

R.T.: 6.509 min
Delta R.T.: 0.022 min
Response: 1231939
Conc: 0.38 ng/ml



#13 Dieldrin

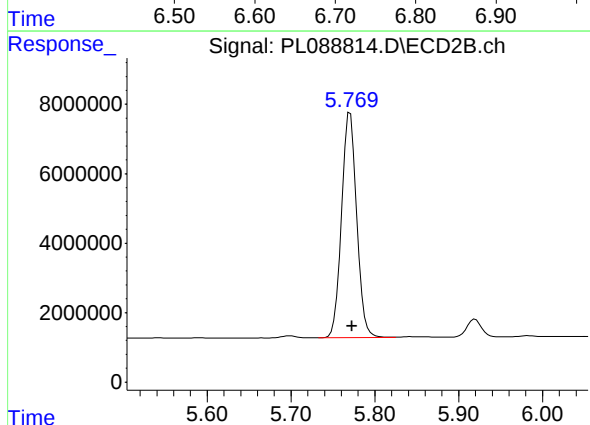
R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 78997
Conc: 0.05 ng/ml



#14 Endrin

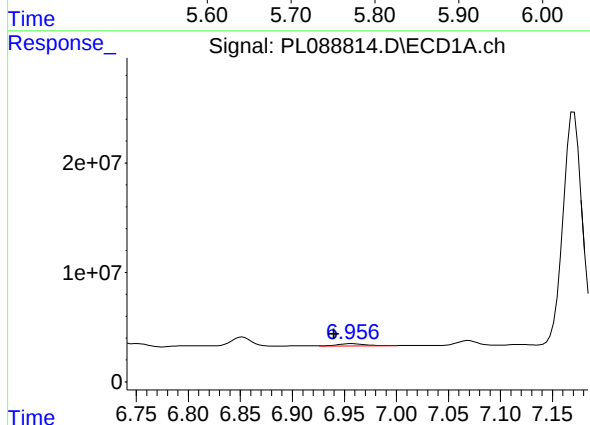
R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 138562700
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



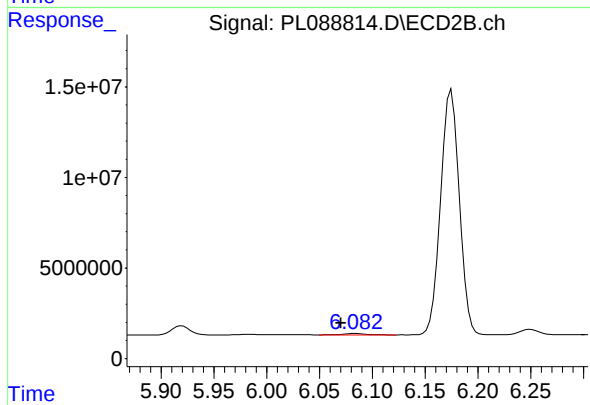
#14 Endrin

R.T.: 5.771 min
Delta R.T.: -0.002 min
Response: 81305719
Conc: 56.41 ng/ml



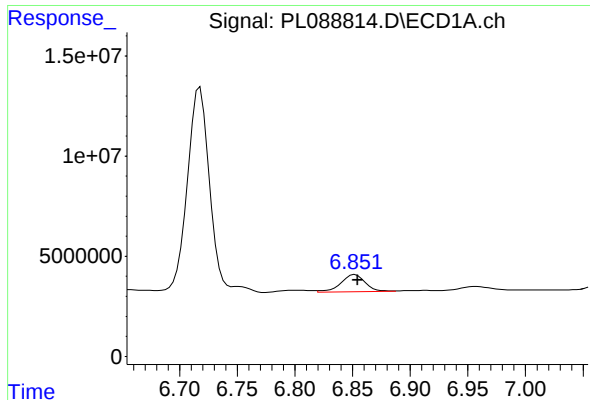
#15 Endosulfan II

R.T.: 6.957 min
Delta R.T.: 0.017 min
Response: 4050973
Conc: 1.41 ng/ml



#15 Endosulfan II

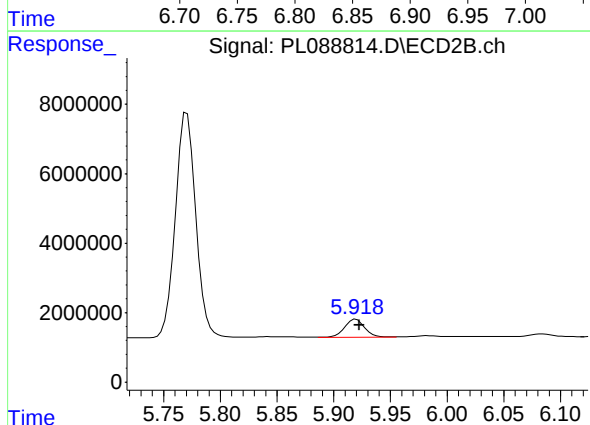
R.T.: 6.084 min
Delta R.T.: 0.013 min
Response: 1228212
Conc: 0.85 ng/ml



#16 4,4'-DDD

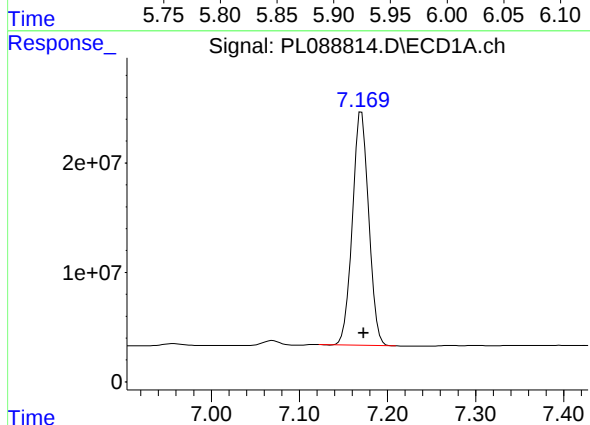
R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 12629791
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



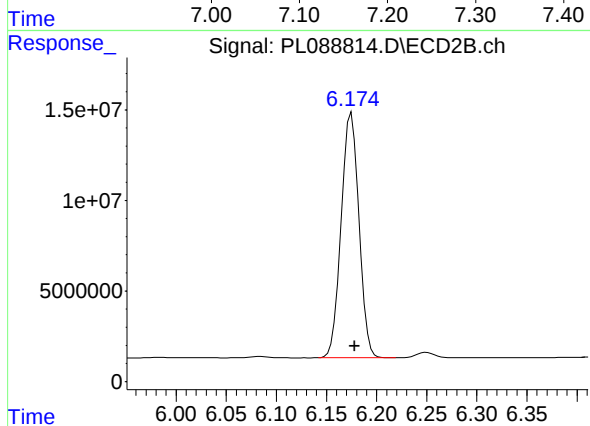
#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 6401349
Conc: 5.14 ng/ml



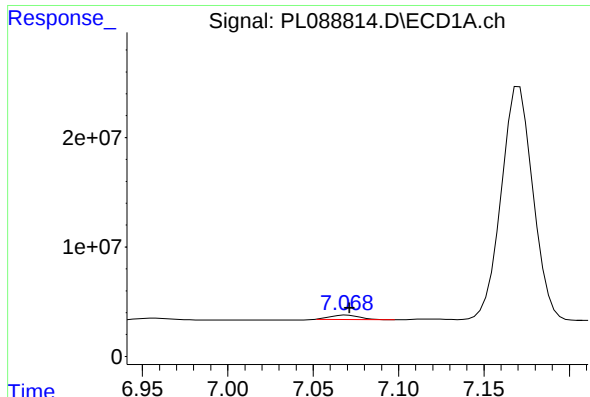
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 274635962
Conc: 103.03 ng/ml



#17 4,4'-DDT

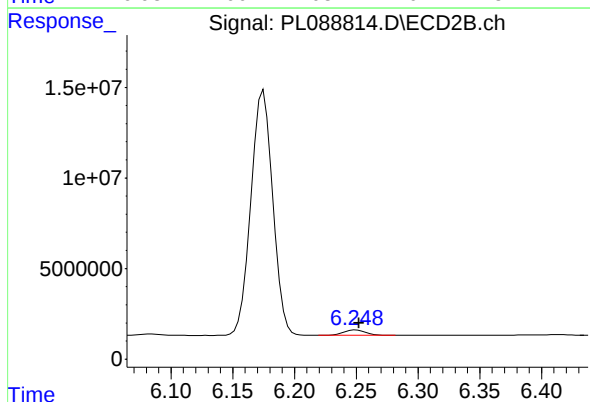
R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 166774851
Conc: 124.26 ng/ml



#18 Endrin aldehyde

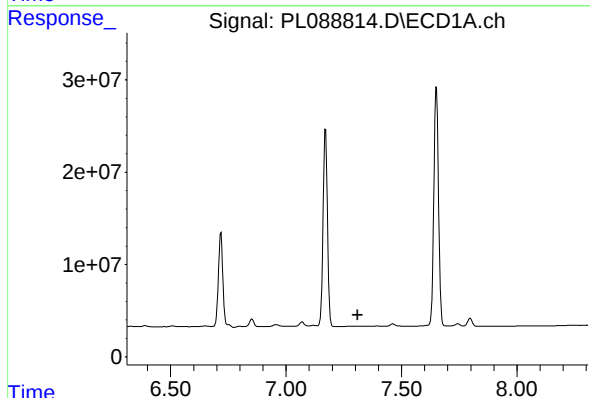
R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 4791871
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



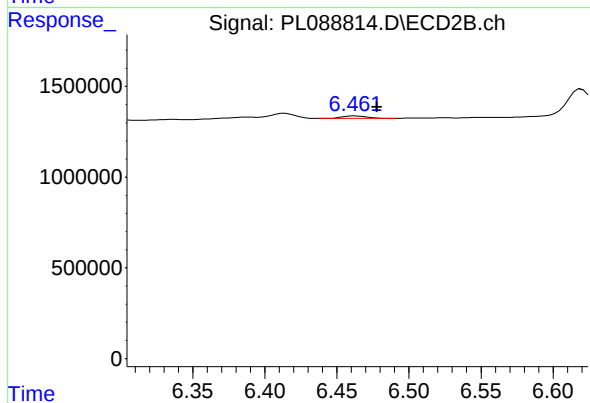
#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 3776962
Conc: 3.60 ng/ml



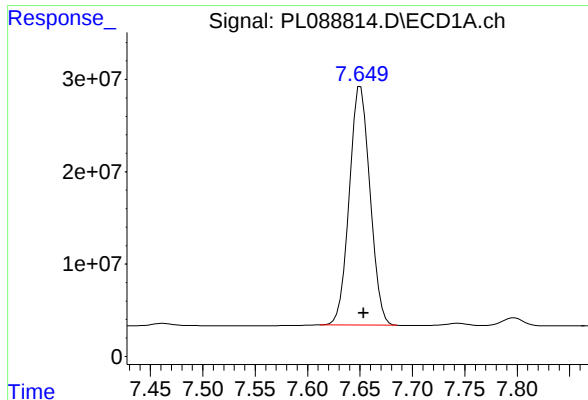
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

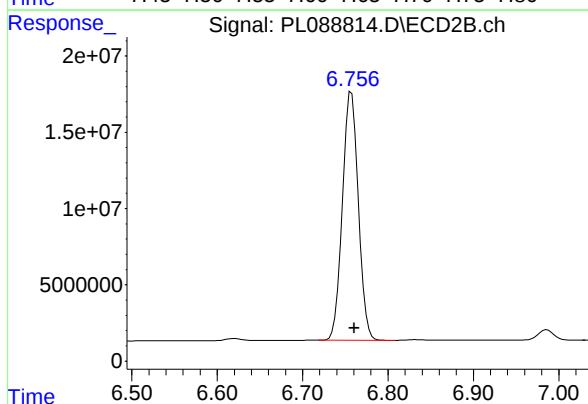
R.T.: 6.462 min
Delta R.T.: -0.015 min
Response: 165038
Conc: 0.12 ng/ml



#20 Methoxychlor

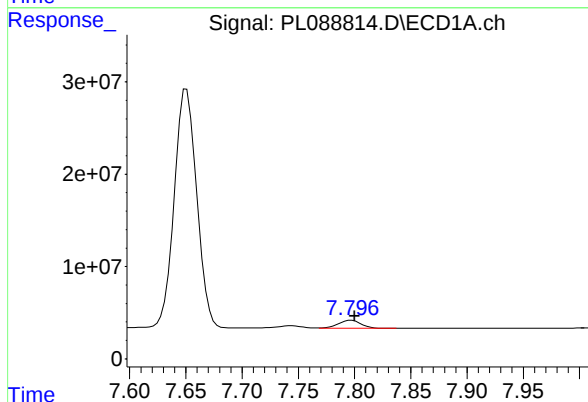
R.T.: 7.651 min
Delta R.T.: -0.003 min
Response: 358061393
Conc: 237.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



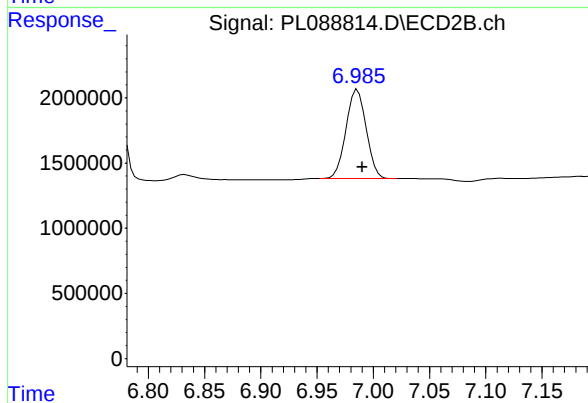
#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 210553417
Conc: 262.51 ng/ml



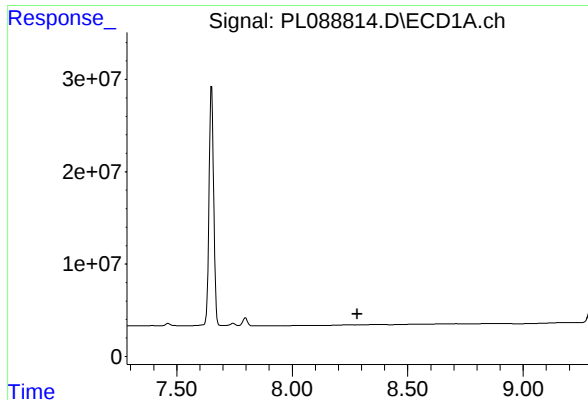
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 11868383
Conc: 4.01 ng/ml



#21 Endrin ketone

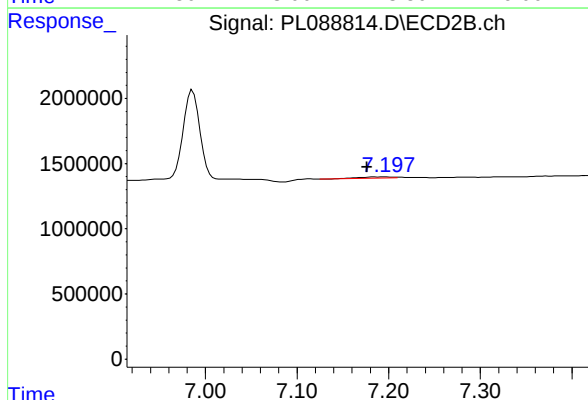
R.T.: 6.986 min
Delta R.T.: -0.004 min
Response: 8539952
Conc: 5.17 ng/ml



#22 Mirex

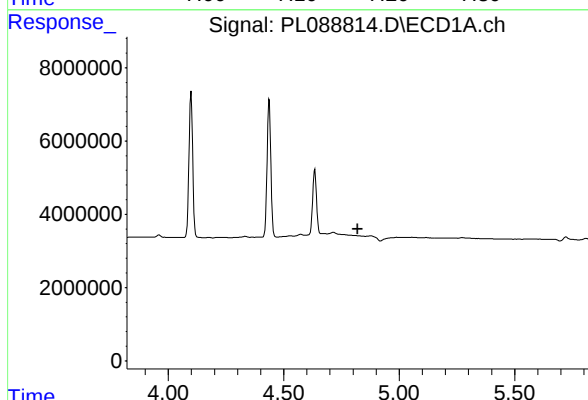
R.T.: 0.000 min
Exp R.T.: 8.282 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



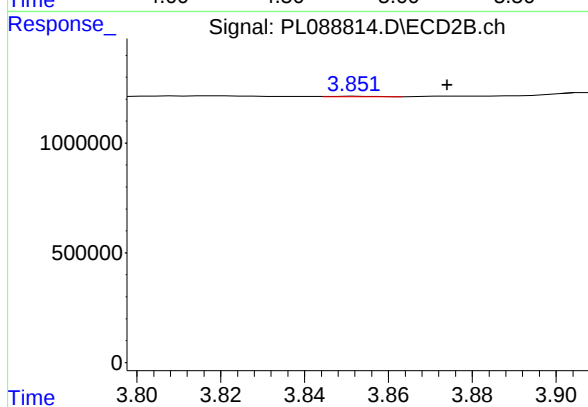
#22 Mirex

R.T.: 7.198 min
Delta R.T.: 0.021 min
Response: 250785
Conc: 0.19 ng/ml



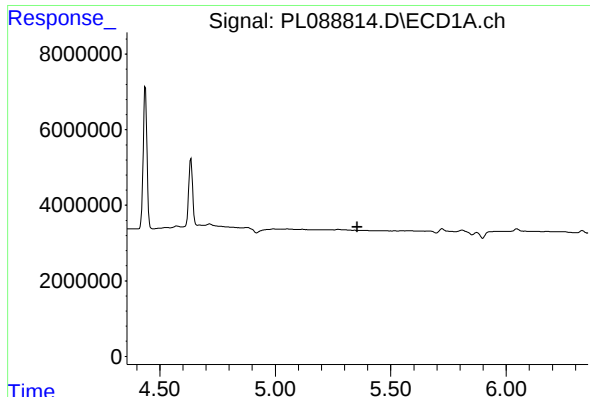
#23 Chlordane-1

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



#23 Chlordane-1

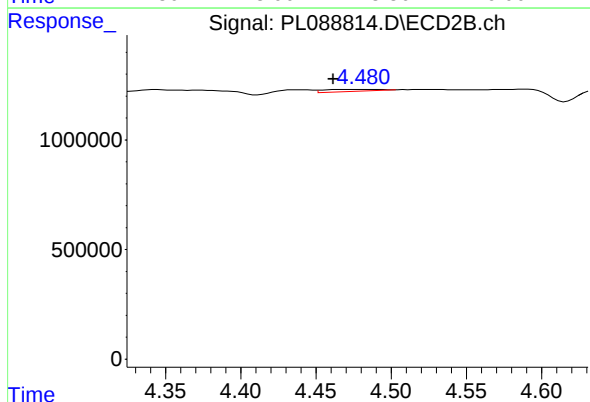
R.T.: 3.852 min
Delta R.T.: -0.022 min
Response: 13765
Conc: 0.28 ng/ml



#24 Chlordane-2

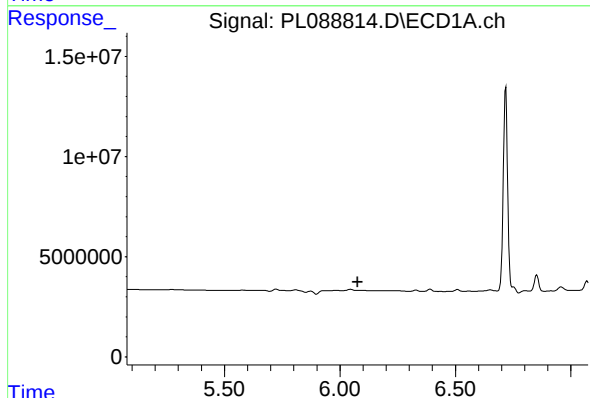
R.T.: 0.000 min
Exp R.T.: 5.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



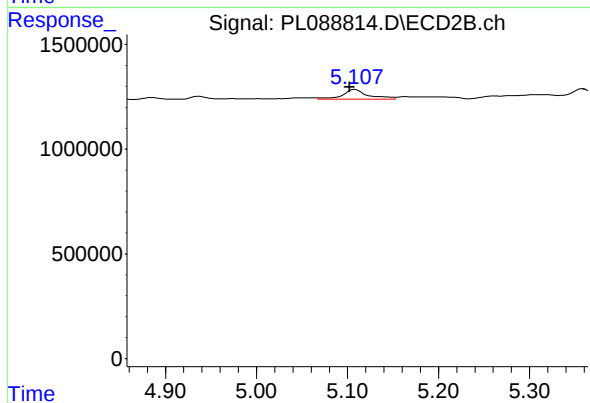
#24 Chlordane-2

R.T.: 4.481 min
Delta R.T.: 0.019 min
Response: 228303
Conc: 3.76 ng/ml



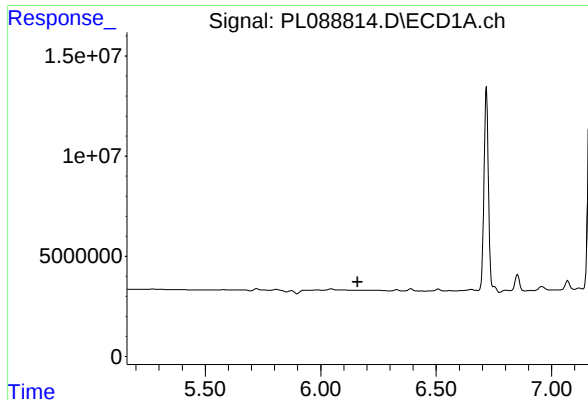
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.



#25 Chlordane-3

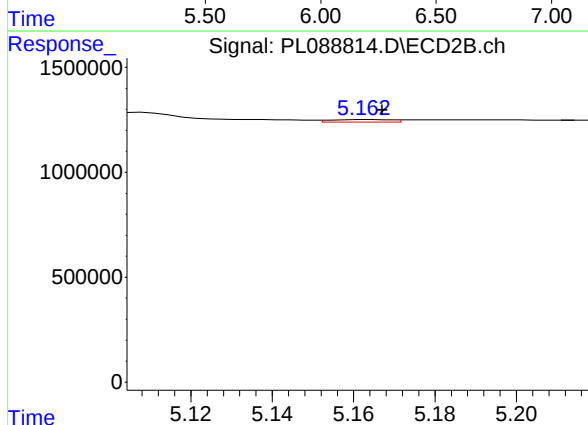
R.T.: 5.108 min
Delta R.T.: 0.006 min
Response: 891492
Conc: 5.22 ng/ml



#26 Chlordane-4

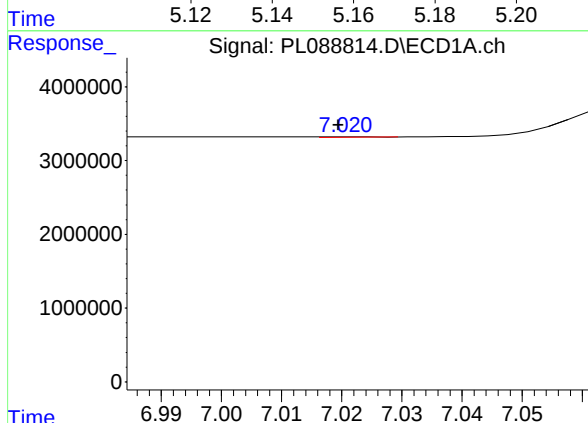
R.T.: 0.000 min
Exp R.T.: 6.160 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



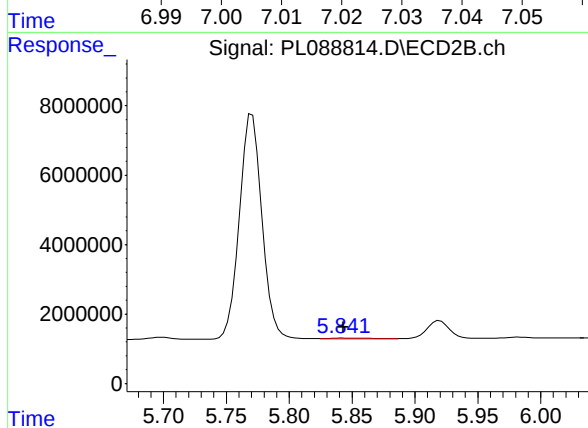
#26 Chlordane-4

R.T.: 5.163 min
Delta R.T.: -0.004 min
Response: 117301
Conc: 0.74 ng/ml



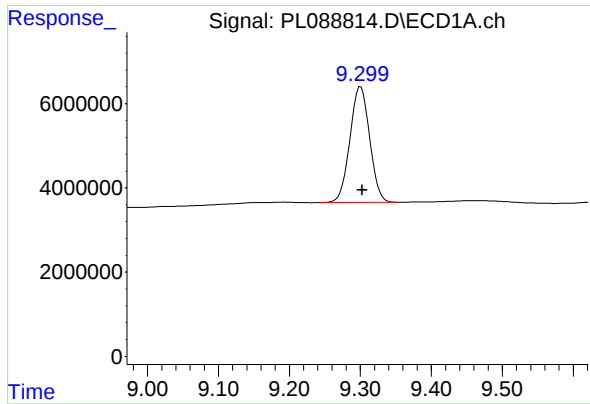
#27 Chlordane-5

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 38138
Conc: 0.36 ng/ml



#27 Chlordane-5

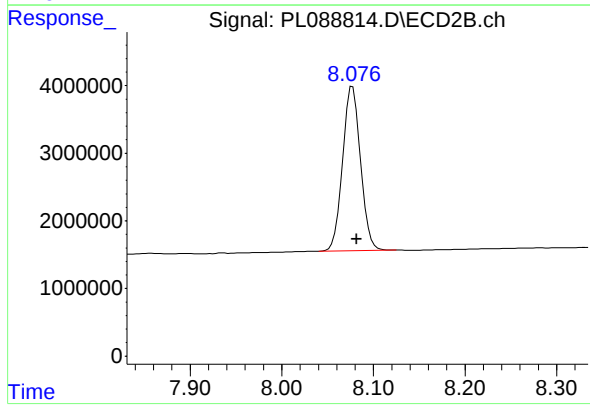
R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 578688
Conc: 11.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 53021038
Conc: 21.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.004 min
Response: 33132121
Conc: 24.44 ng/ml