

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
 Data File : PL088841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2024 09:19
 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 02 01:12:06 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	58593112	30024091	22.111	22.528
28)	SA Decachlor...	9.300	8.078	52718249	32074396	21.327	23.655
Target Compounds							
2)	A alpha-BHC	4.098	3.365	40815318	20094438	10.225	10.000
3)	MA gamma-BHC...	4.437	3.702	39821986	19465362	10.268	10.143
4)	MA Heptachlor	0.000	4.071f	0	15736	N.D.	0.009 #
5)	MB Aldrin	0.000	4.344	0	91313	N.D.	0.051 #
6)	B beta-BHC	4.634	4.004	21250632	9900682	11.983	11.549
7)	B delta-BHC	0.000	4.237	0	50331	N.D.	0.026 #
8)	B Heptachlo...	0.000	4.851	0	13925	N.D.	0.008 #
9)	A Endosulfan I	0.000	5.224	0	79761	N.D.	0.053 #
10)	B gamma-Chl...	0.000	5.108	0	382263	N.D.	0.231 #
11)	B alpha-Chl...	0.000	5.177	0	57722	N.D.	0.035 #
12)	B 4,4'-DDE	6.330	5.359	491341	288338	0.164	0.198
13)	MA Dieldrin	6.508f	5.489	710352	22911	0.219	0.014 #
14)	MA Endrin	6.717	5.770	132.6E6	77792801	48.502	53.969
15)	B Endosulfa...	6.958f	6.083	3327170	1032389	1.162	0.718 #
16)	A 4,4'-DDD	6.852	5.920	4467921	2208905	1.754	1.774
17)	MA 4,4'-DDT	7.171	6.175	282.5E6	164.8E6	105.975	122.781
18)	B Endrin al...	7.069	6.249	3765745	2987799	1.804	2.851 #
19)	B Endosulfa...	0.000	6.463	0	188606	N.D.	0.136 #
20)	A Methoxychlor	7.650	6.758	362.1E6	206.6E6	240.383	257.617
21)	B Endrin ke...	7.797	6.987	8271553	5529644	2.798	3.350
22)	Mirex	0.000	7.193f	0	281234	N.D.	0.209 #
23)	Chlordane-1	0.000	3.907f	0	186325	N.D.	3.837 #
24)	Chlordane-2	0.000	4.470	0	59830	N.D.	0.985 #
25)	Chlordane-3	0.000	5.108	0	382263	N.D.	2.240 #
26)	Chlordane-4	0.000	5.159	0	36381	N.D.	0.228 #
27)	Chlordane-5	0.000	5.869f	0	484818	N.D.	9.560 #

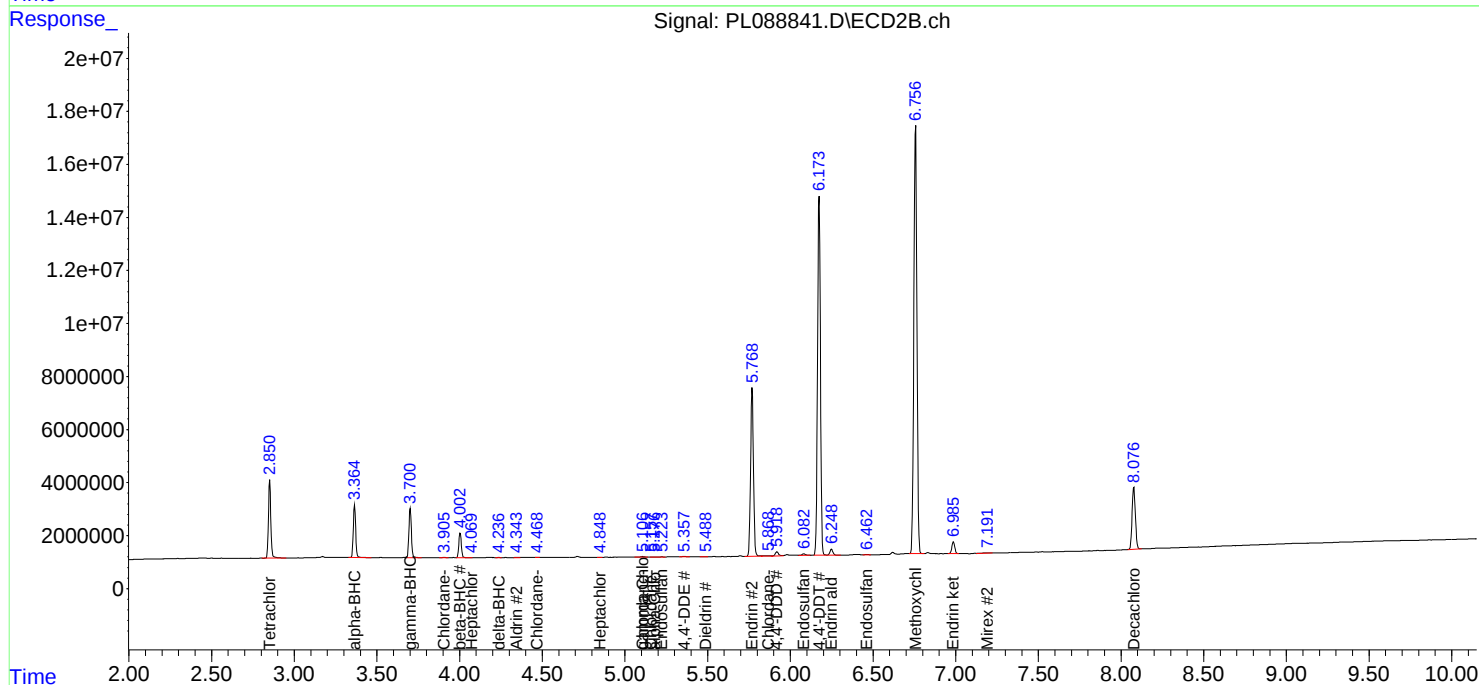
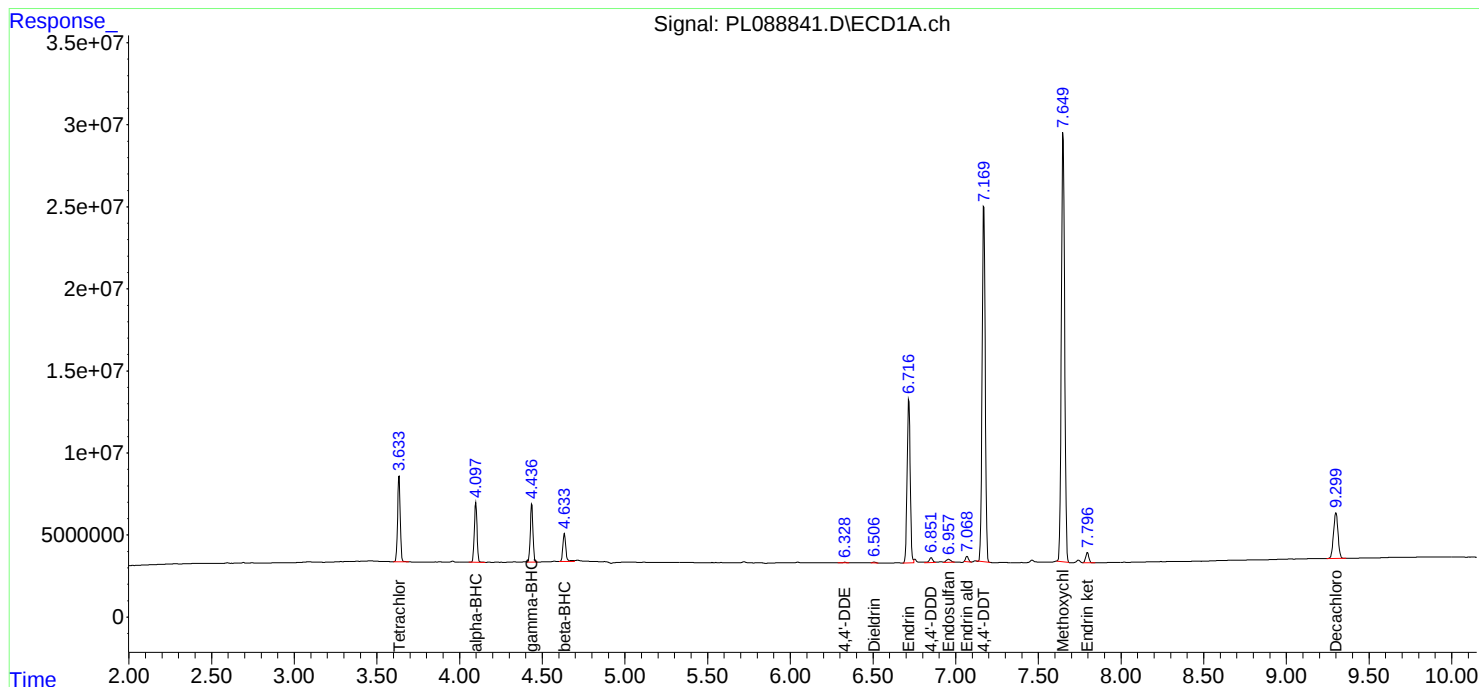
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

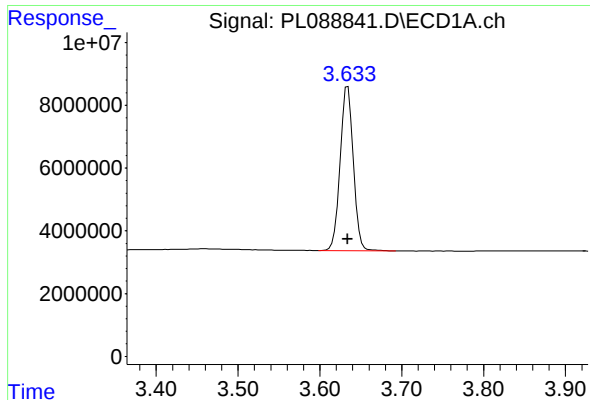
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040124\
Data File : PL088841.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2024 09:19
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:12:06 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
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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

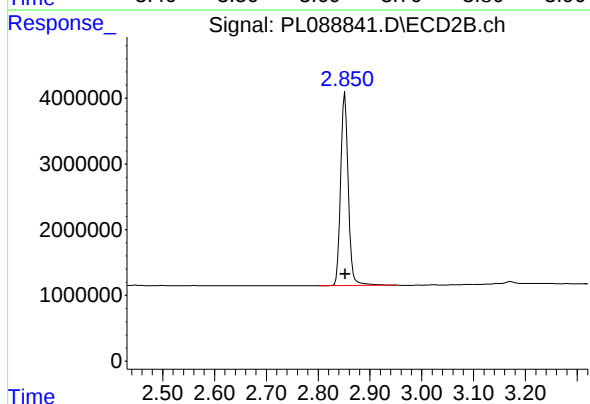




#1 Tetrachloro-m-xylene

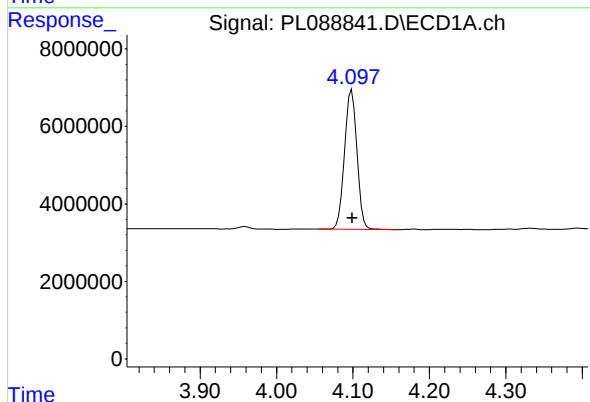
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 58593112
Conc: 22.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



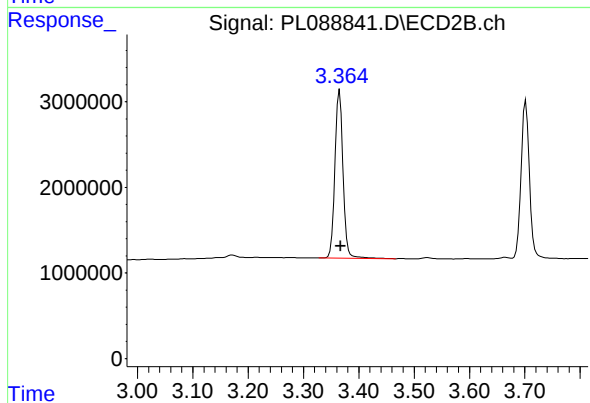
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 30024091
Conc: 22.53 ng/ml



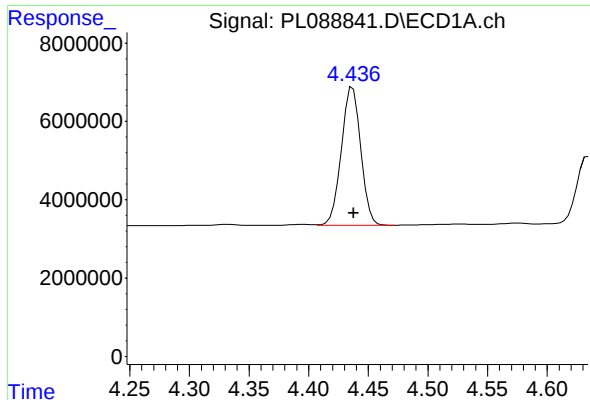
#2 alpha-BHC

R.T.: 4.098 min
Delta R.T.: 0.000 min
Response: 40815318
Conc: 10.23 ng/ml



#2 alpha-BHC

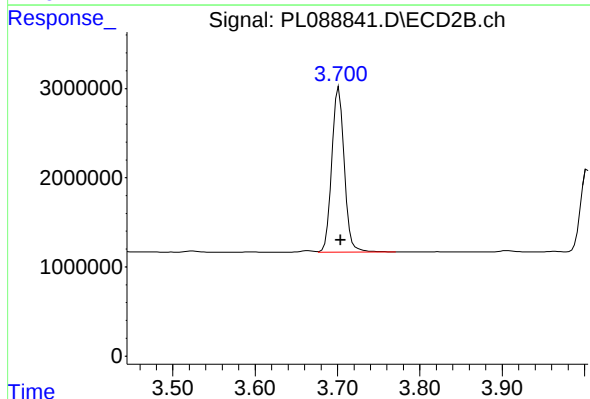
R.T.: 3.365 min
Delta R.T.: -0.002 min
Response: 20094438
Conc: 10.00 ng/ml



#3 gamma-BHC (Lindane)

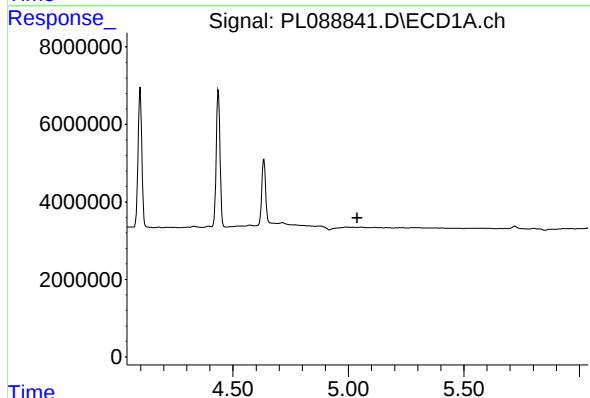
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 39821986
Conc: 10.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



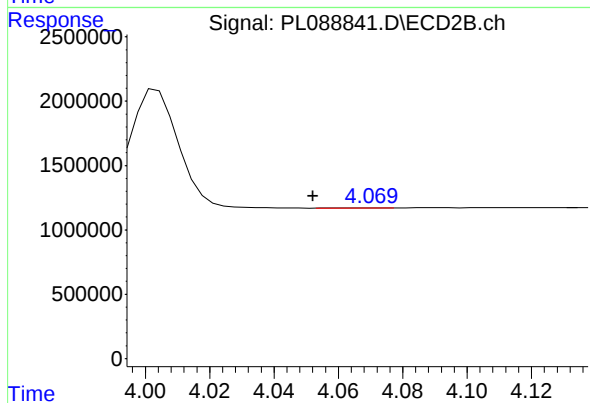
#3 gamma-BHC (Lindane)

R.T.: 3.702 min
Delta R.T.: -0.002 min
Response: 19465362
Conc: 10.14 ng/ml



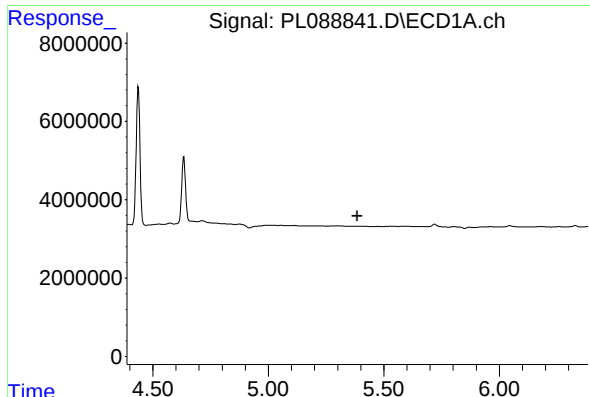
#4 Heptachlor

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



#4 Heptachlor

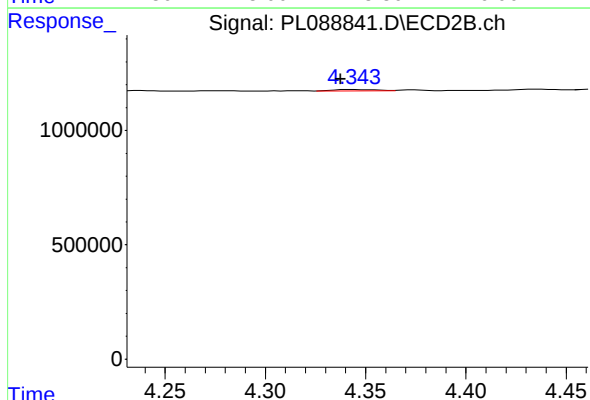
R.T.: 4.071 min
Delta R.T.: 0.018 min
Response: 15736
Conc: 0.01 ng/ml



#5 Aldrin

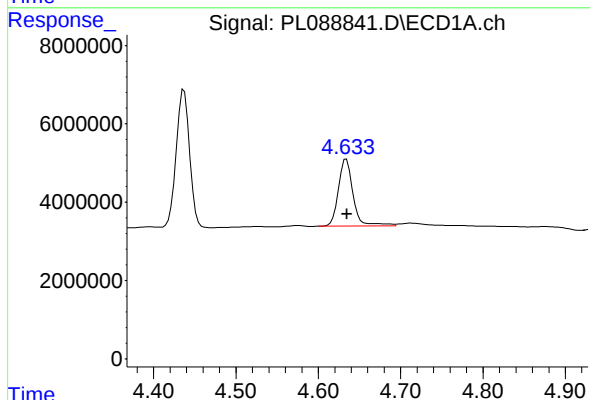
R.T.: 0.000 min
Exp R.T.: 5.385 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



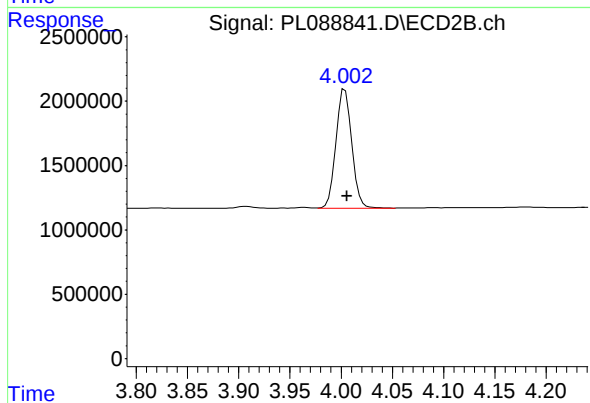
#5 Aldrin

R.T.: 4.344 min
Delta R.T.: 0.006 min
Response: 91313
Conc: 0.05 ng/ml



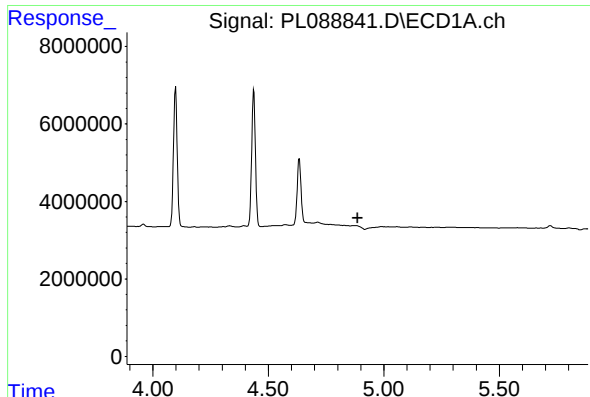
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 21250632
Conc: 11.98 ng/ml



#6 beta-BHC

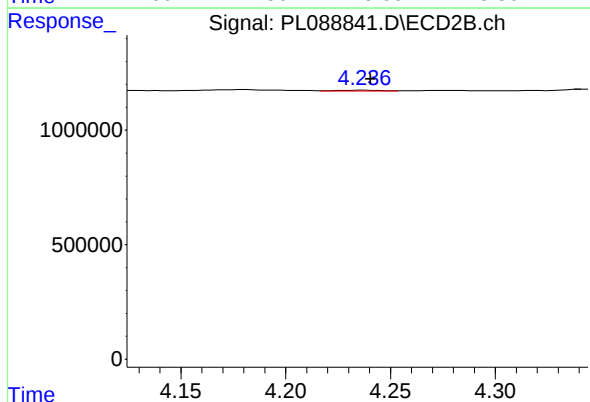
R.T.: 4.004 min
Delta R.T.: -0.002 min
Response: 9900682
Conc: 11.55 ng/ml



#7 delta-BHC

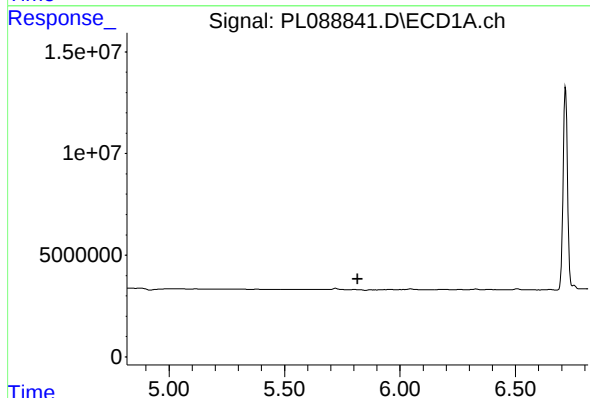
R.T.: 0.000 min
Exp R.T.: 4.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



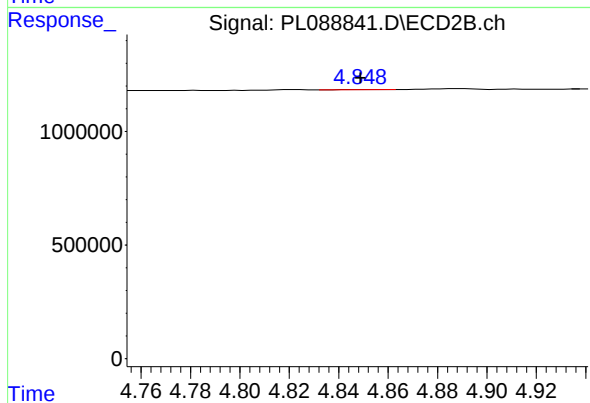
#7 delta-BHC

R.T.: 4.237 min
Delta R.T.: -0.003 min
Response: 50331
Conc: 0.03 ng/ml



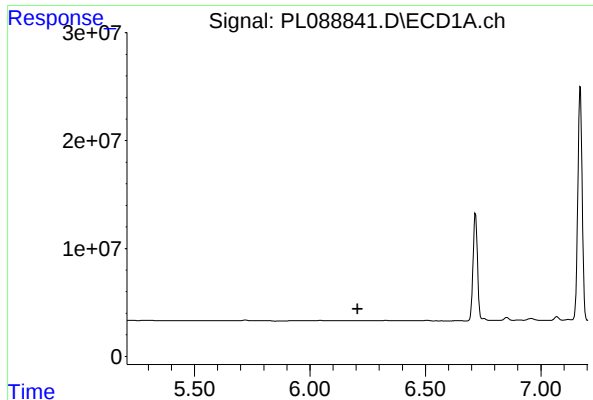
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

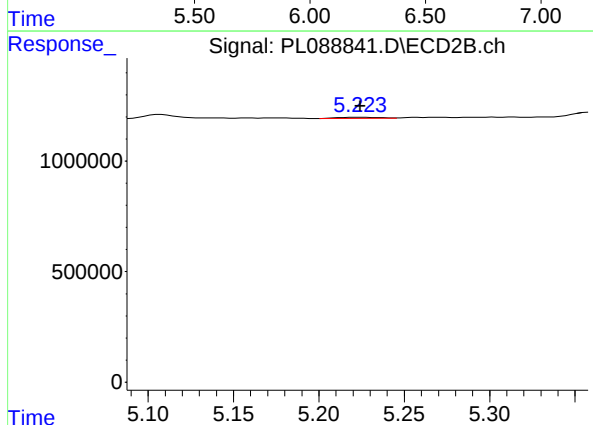
R.T.: 4.851 min
Delta R.T.: 0.002 min
Response: 13925
Conc: 0.01 ng/ml



#9 Endosulfan I

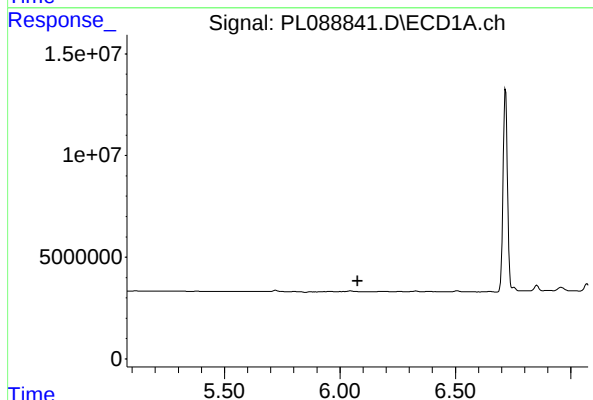
R.T.: 0.000 min
Exp R.T.: 6.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



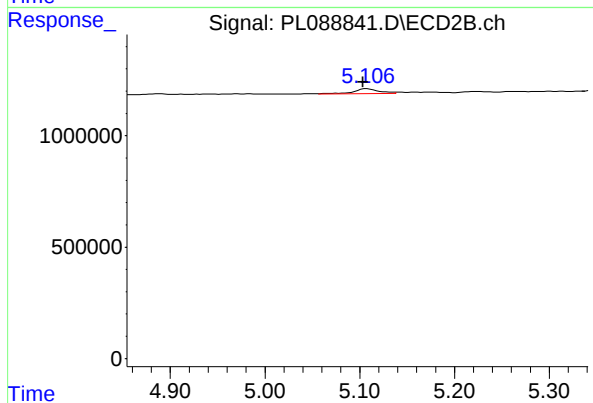
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 79761
Conc: 0.05 ng/ml



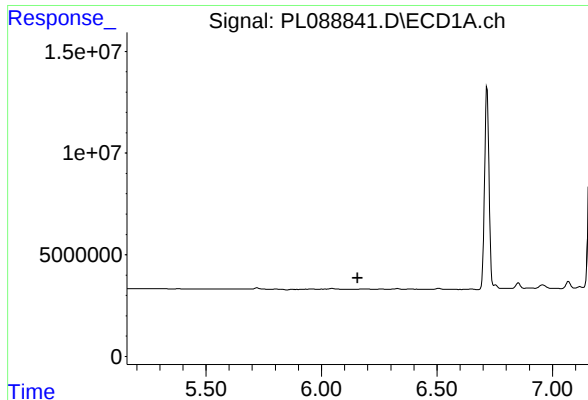
#10 gamma-Chlordane

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



#10 gamma-Chlordane

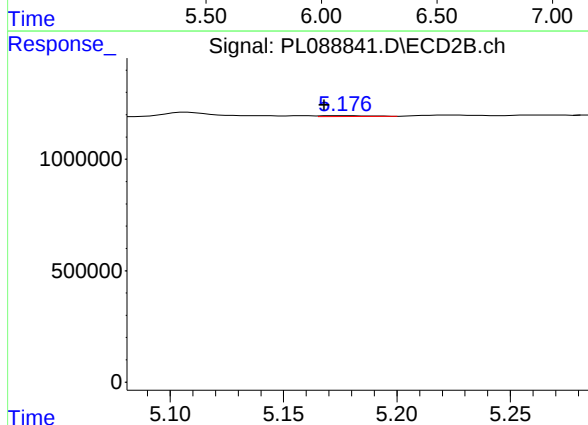
R.T.: 5.108 min
Delta R.T.: 0.004 min
Response: 382263
Conc: 0.23 ng/ml



#11 alpha-Chlordane

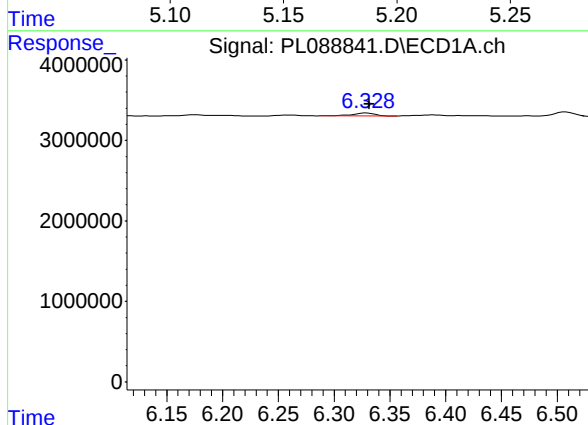
R.T.: 0.000 min
Exp R.T.: 6.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



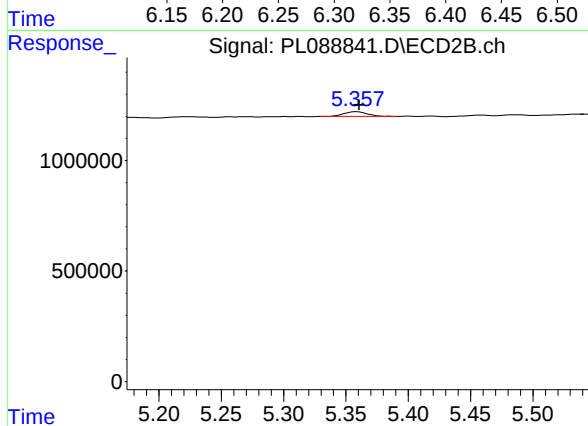
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: 0.009 min
Response: 57722
Conc: 0.03 ng/ml



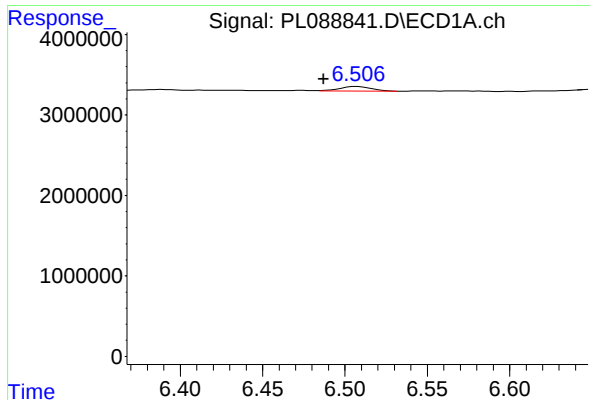
#12 4,4'-DDE

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 491341
Conc: 0.16 ng/ml



#12 4,4'-DDE

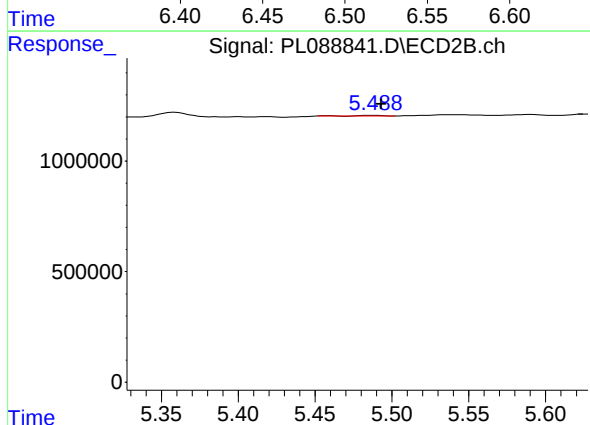
R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 288338
Conc: 0.20 ng/ml



#13 Dieldrin

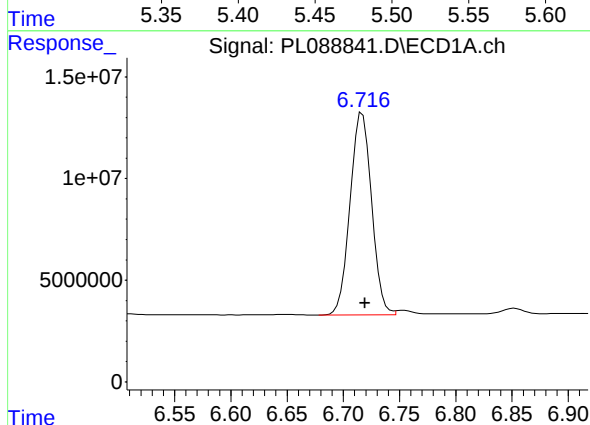
R.T.: 6.508 min
Delta R.T.: 0.021 min
Response: 710352
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



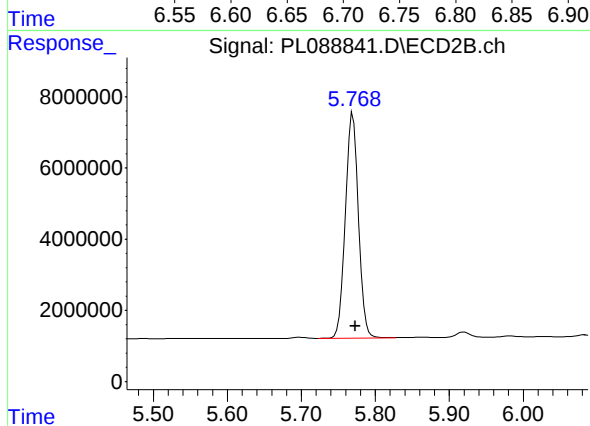
#13 Dieldrin

R.T.: 5.489 min
Delta R.T.: -0.005 min
Response: 22911
Conc: 0.01 ng/ml



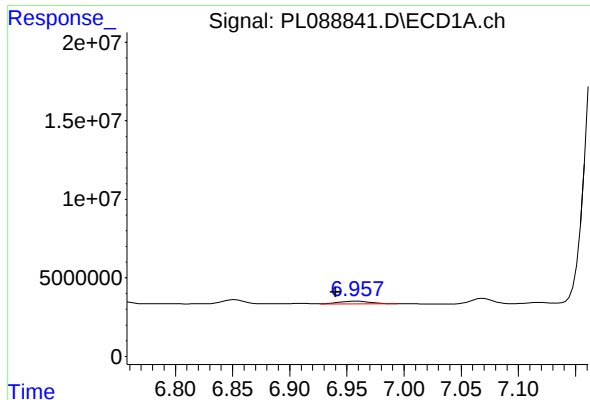
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 132590406
Conc: 48.50 ng/ml



#14 Endrin

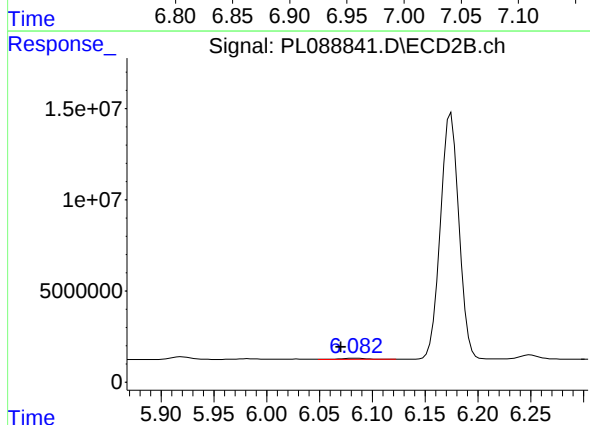
R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 77792801
Conc: 53.97 ng/ml



#15 Endosulfan II

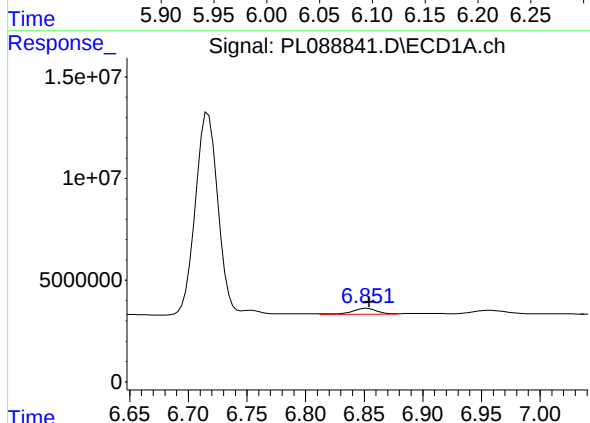
R.T.: 6.958 min
Delta R.T.: 0.018 min
Response: 3327170
Conc: 1.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



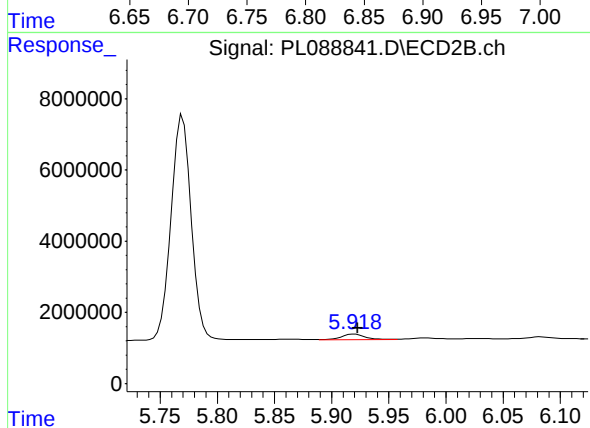
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.013 min
Response: 1032389
Conc: 0.72 ng/ml



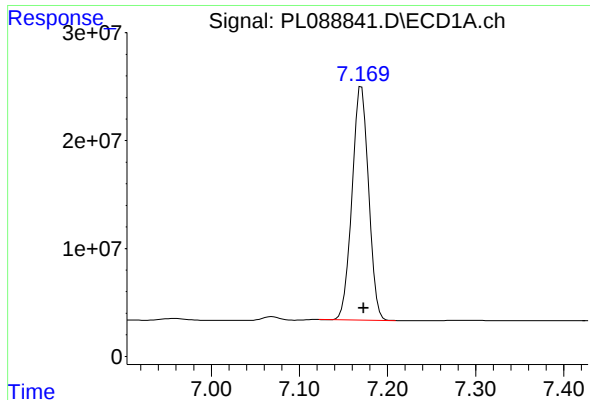
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 4467921
Conc: 1.75 ng/ml



#16 4,4'-DDD

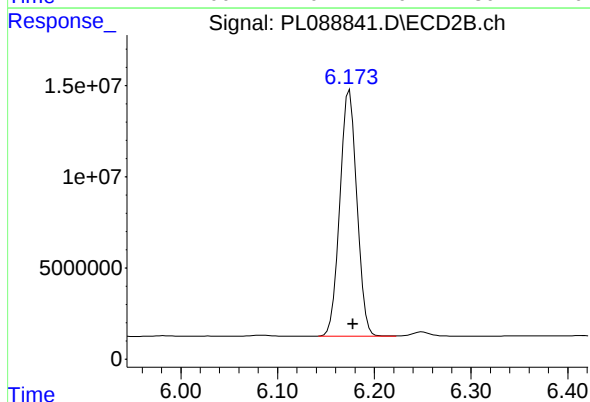
R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 2208905
Conc: 1.77 ng/ml



#17 4,4'-DDT

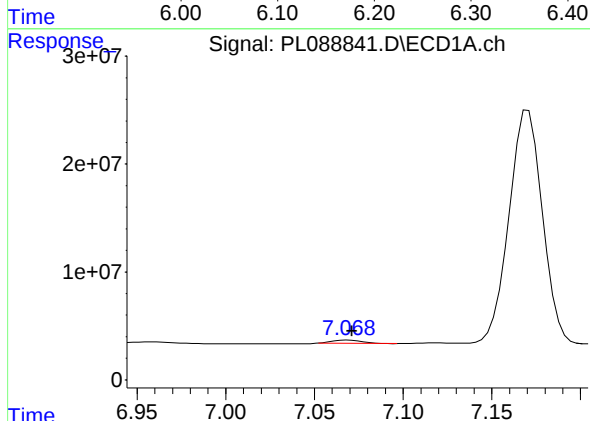
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 282472784
Conc: 105.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



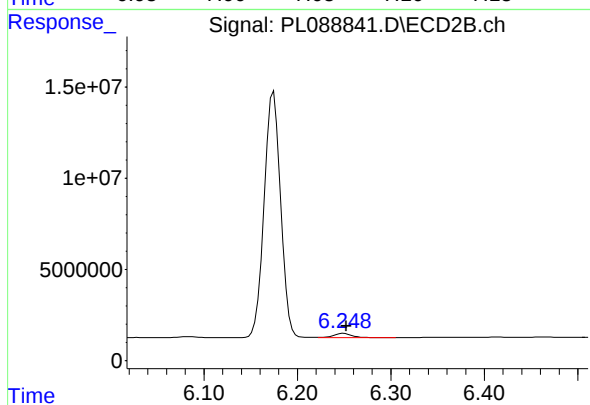
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 164796309
Conc: 122.78 ng/ml



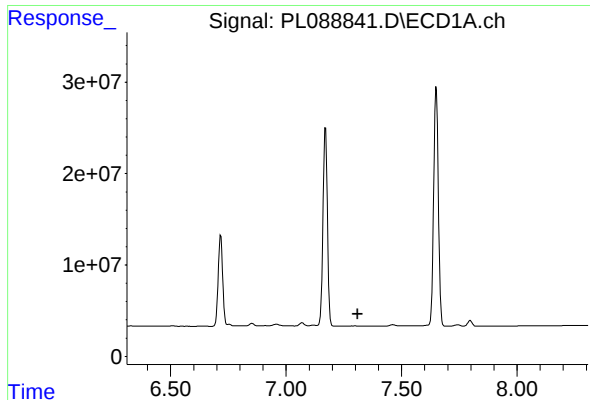
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 3765745
Conc: 1.80 ng/ml



#18 Endrin aldehyde

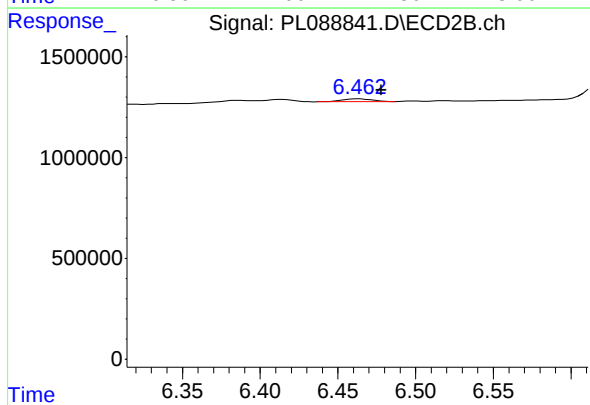
R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 2987799
Conc: 2.85 ng/ml



#19 Endosulfan Sulfate

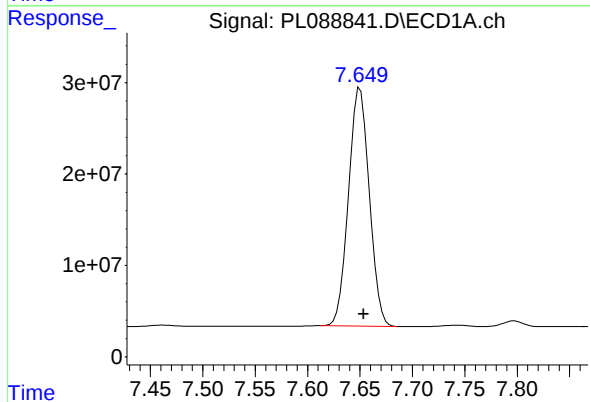
R.T.: 0.000 min
Exp R.T.: 7.309 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



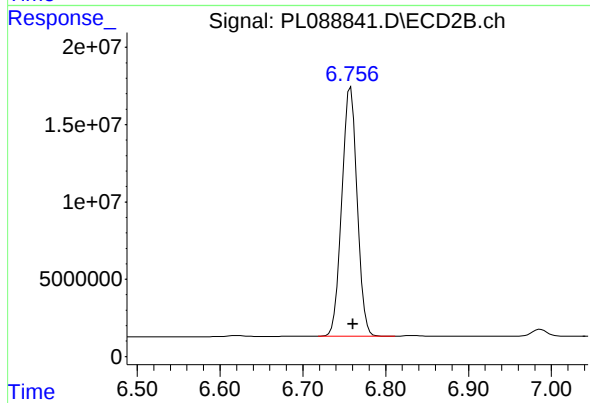
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.014 min
Response: 188606
Conc: 0.14 ng/ml



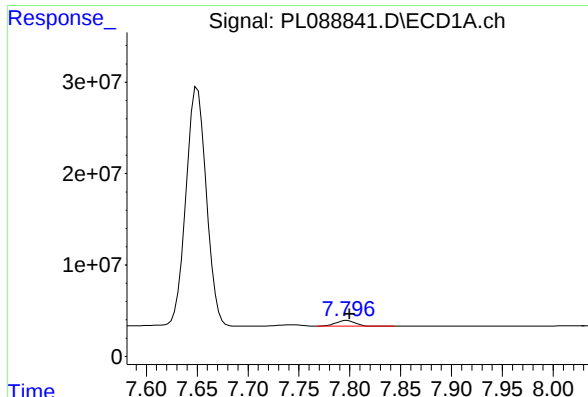
#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 362140636
Conc: 240.38 ng/ml



#20 Methoxychlor

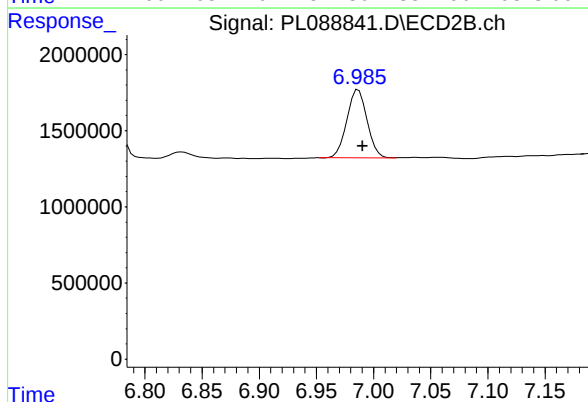
R.T.: 6.758 min
Delta R.T.: -0.003 min
Response: 206626762
Conc: 257.62 ng/ml



#21 Endrin ketone

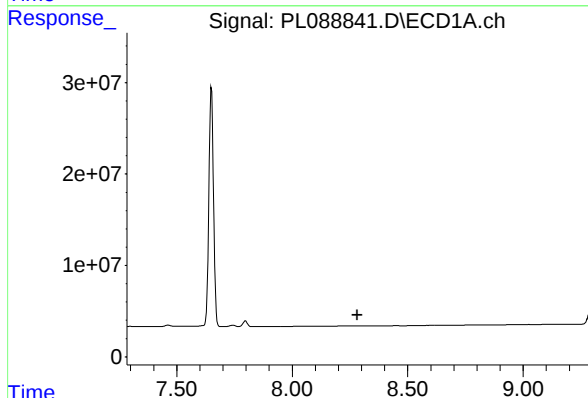
R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 8271553
Conc: 2.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



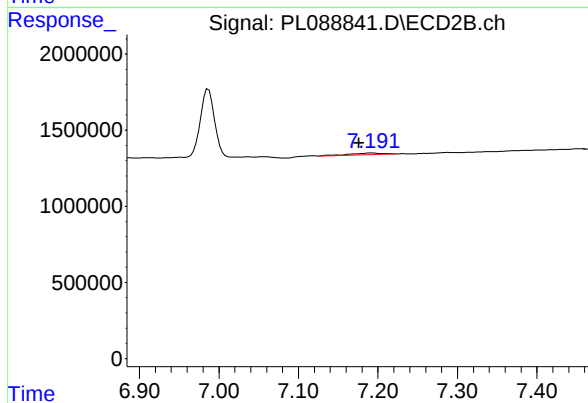
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 5529644
Conc: 3.35 ng/ml



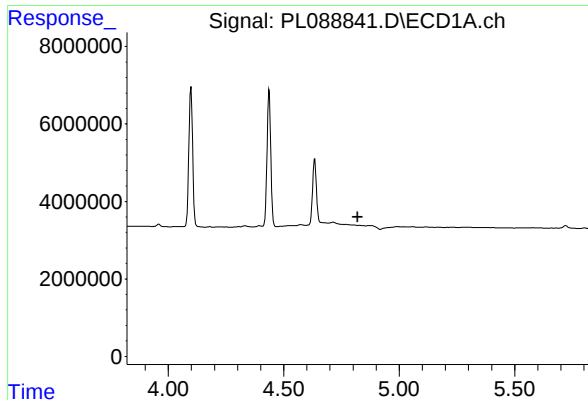
#22 Mirex

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



#22 Mirex

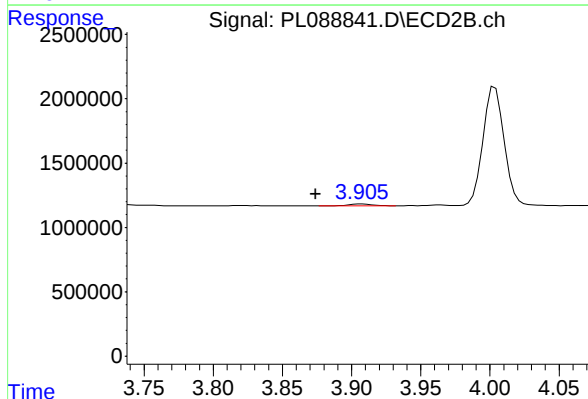
R.T.: 7.193 min
Delta R.T.: 0.017 min
Response: 281234
Conc: 0.21 ng/ml



#23 Chlordane-1

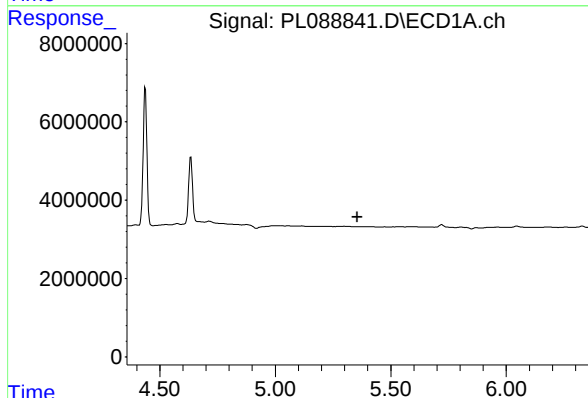
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



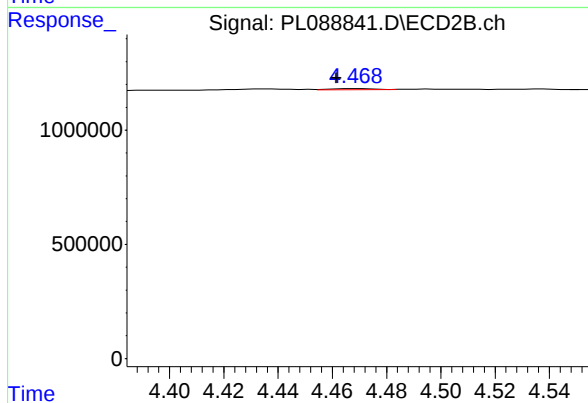
#23 Chlordane-1

R.T.: 3.907 min
Delta R.T.: 0.033 min
Response: 186325
Conc: 3.84 ng/ml



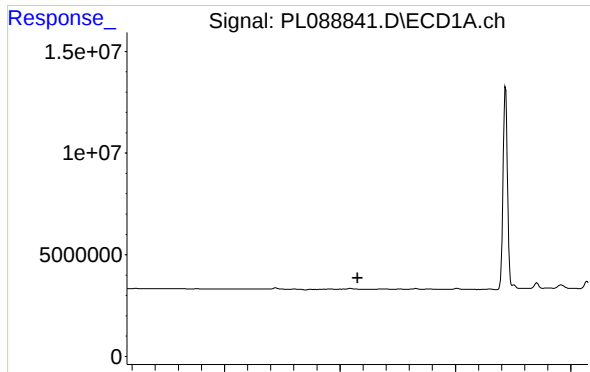
#24 Chlordane-2

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



#24 Chlordane-2

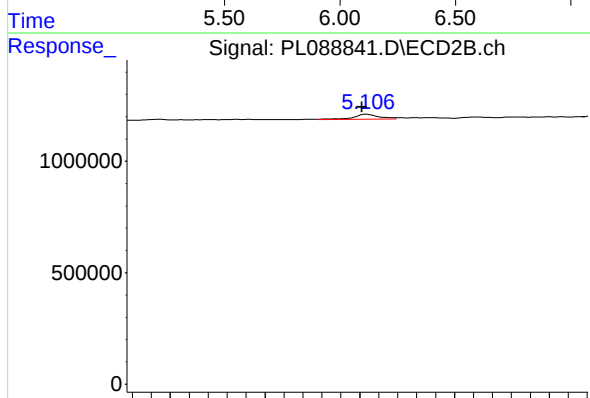
R.T.: 4.470 min
Delta R.T.: 0.008 min
Response: 59830
Conc: 0.99 ng/ml



#25 Chlordane-3

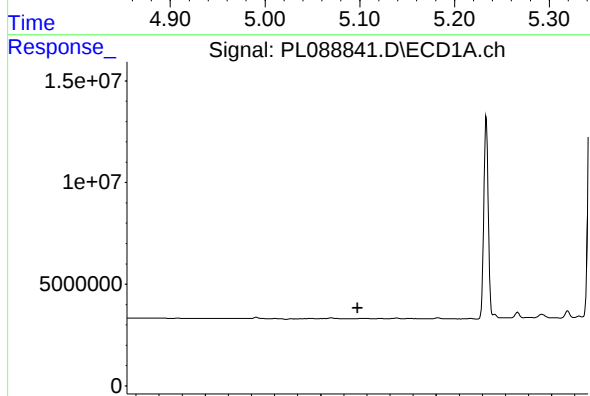
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



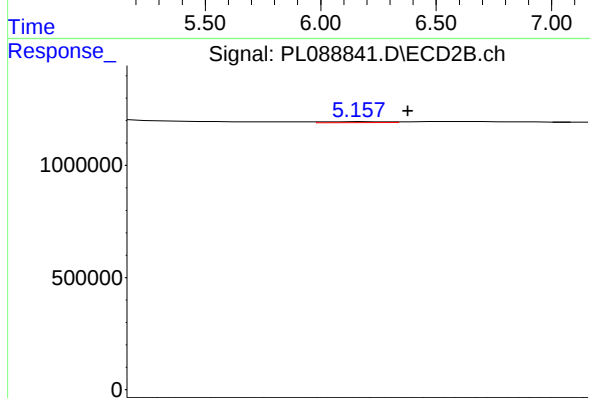
#25 Chlordane-3

R.T.: 5.108 min
Delta R.T.: 0.005 min
Response: 382263
Conc: 2.24 ng/ml



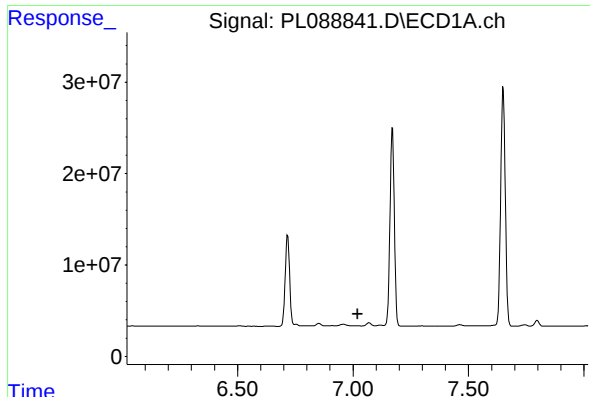
#26 Chlordane-4

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



#26 Chlordane-4

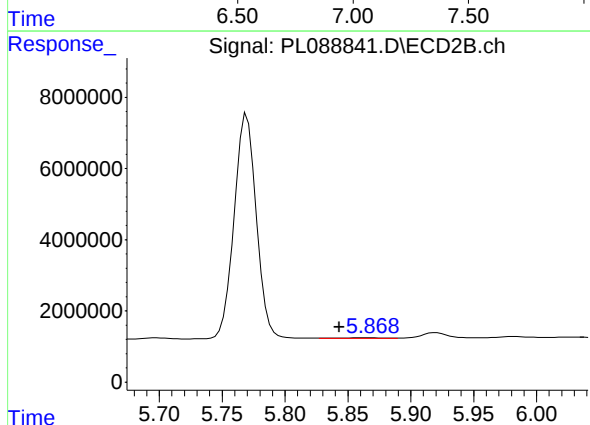
R.T.: 5.159 min
Delta R.T.: -0.008 min
Response: 36381
Conc: 0.23 ng/ml



#27 Chlordane-5

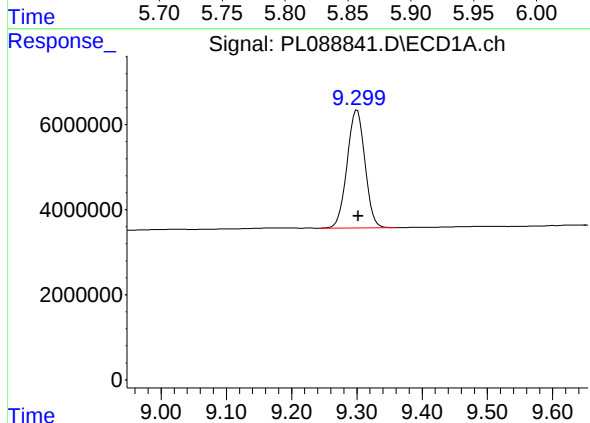
R.T.: 0.000 min
Exp R.T.: 7.019 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



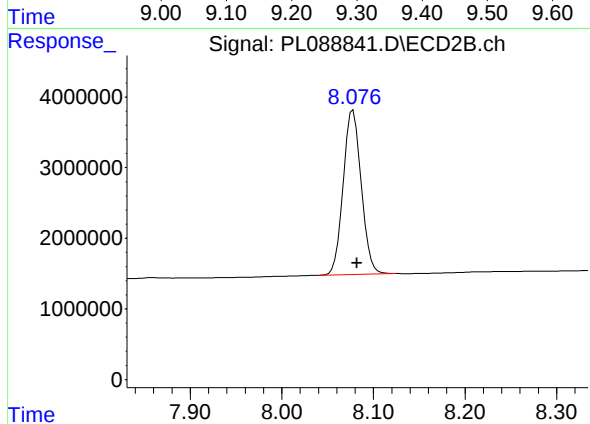
#27 Chlordane-5

R.T.: 5.869 min
Delta R.T.: 0.026 min
Response: 484818
Conc: 9.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.300 min
Delta R.T.: -0.002 min
Response: 52718249
Conc: 21.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.078 min
Delta R.T.: -0.004 min
Response: 32074396
Conc: 23.66 ng/ml