

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
 Data File : PD088387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2025 10:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 02 22:51:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.881	45011945	319.8E6	22.535	21.873
28)	SA Decachlor...	9.075	8.075	72996015	386.5E6	22.066	20.916
Target Compounds							
2)	A alpha-BHC	3.999	3.393	44662791	259.5E6	10.358	11.351
3)	MA gamma-BHC...	4.331	3.730	45158537	244.0E6	10.784	11.330
4)	MA Heptachlor	0.000	4.079	0	1241462	N.D.	0.058 #
5)	MB Aldrin	0.000	4.363	0	2738649	N.D.	0.132 #
6)	B beta-BHC	4.516	4.026	19061843	108.3E6	11.742	11.705
7)	B delta-BHC	4.779	4.254	2358667	742056	0.572	0.035 #
8)	B Heptachlo...	5.676f	4.876	754803	427677	0.211	0.023 #
9)	A Endosulfan I	0.000	5.230f	0	4235193	N.D.	0.235 #
10)	B gamma-Chl...	5.947	5.128	1990780	27196318	0.550	1.340 #
11)	B alpha-Chl...	6.034	5.191	3059414	7933153	0.848	0.405 #
12)	B 4,4'-DDE	6.198	5.377	295145	5751332	0.089	0.292 #
13)	MA Dieldrin	6.367f	5.507	1427366	249168	0.400	0.013 #
14)	MA Endrin	6.575	5.790	166.2E6	896.2E6	55.726	49.238
15)	B Endosulfa...	6.770f	6.089	303837	3764742	0.097	0.215 #
16)	A 4,4'-DDD	6.706	5.931	16761983	112.9E6	6.665	6.890
17)	MA 4,4'-DDT	7.022	6.186	279.7E6	1498.3E6	100.717	88.050
18)	B Endrin al...	6.917	6.259	1495806	12368557	0.648	0.930 #
19)	B Endosulfa...	0.000	6.485	0	446836	N.D.	0.026 #
20)	A Methoxychlor	7.495	6.756	351.3E6	1612.4E6	234.302	176.781
21)	B Endrin ke...	7.632	6.993	4762034	44464117	1.543	2.377 #
22)	Mirex	0.000	7.200	0	1626661	N.D.	0.110 #
23)	Chlordane-1	0.000	3.903	0	962299	N.D.	1.200 #
24)	Chlordane-2	0.000	4.486	0	11480573	N.D.	13.911 #
25)	Chlordane-3	5.947	5.128	1990780	27196318	2.951	10.754 #
26)	Chlordane-4	6.034	5.191	3059414	7933153	3.752	3.710
27)	Chlordane-5	0.000	6.089	0	3764742	N.D.	3.899 #

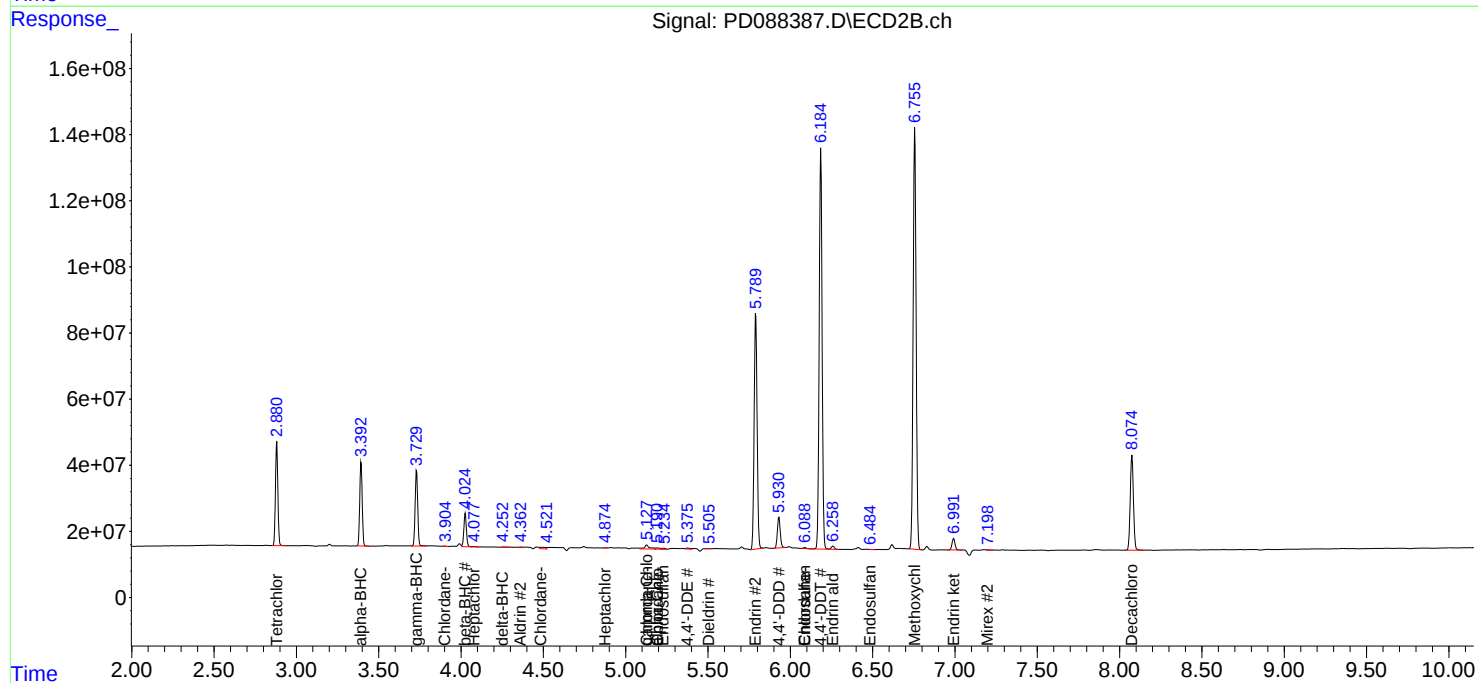
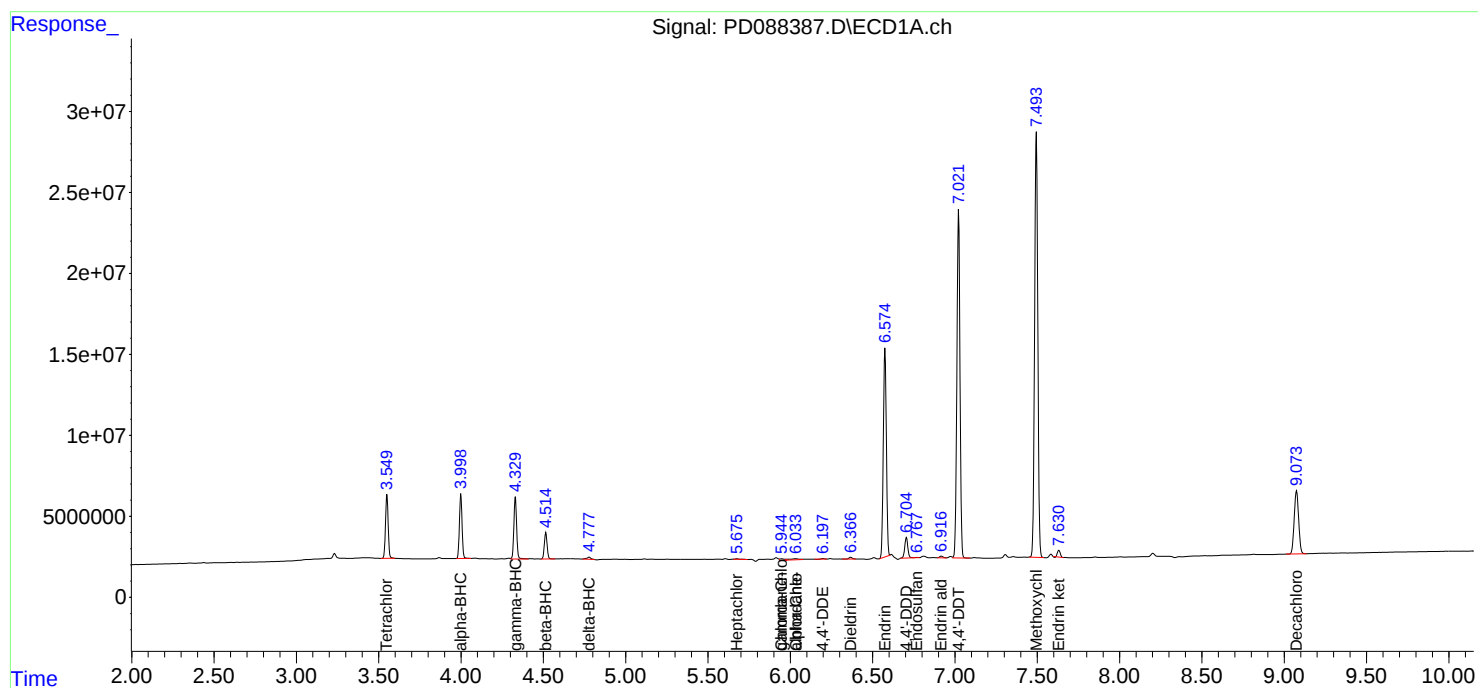
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

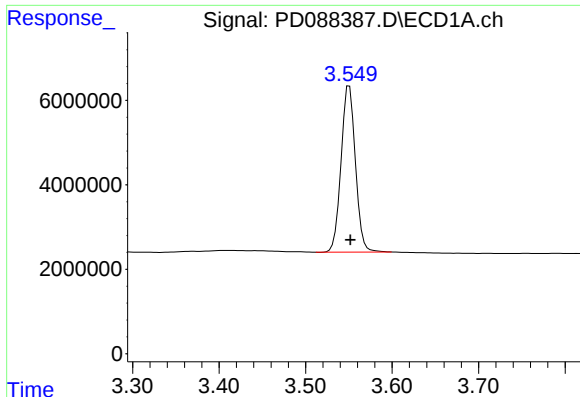
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050225\
Data File : PD088387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2025 10:23
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 22:51:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

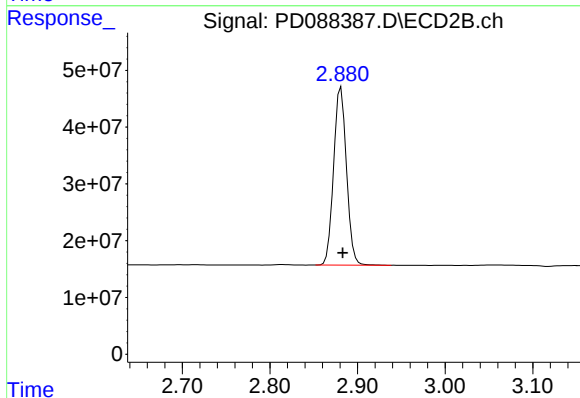




#1 Tetrachloro-m-xylene

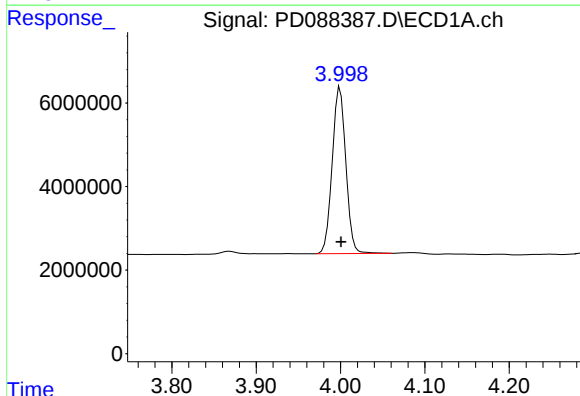
R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 45011945
Conc: 22.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



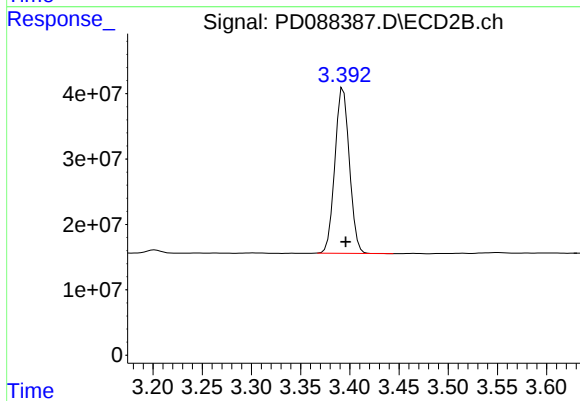
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 319826033
Conc: 21.87 ng/ml



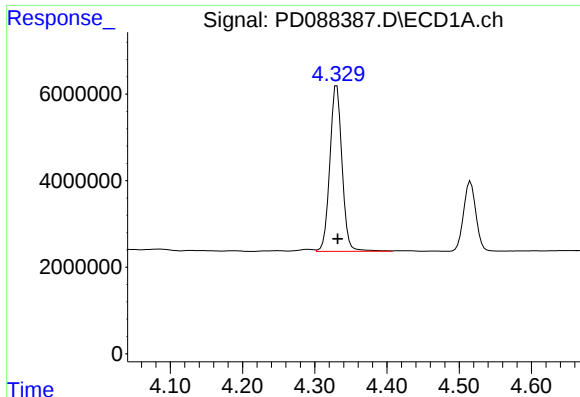
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 44662791
Conc: 10.36 ng/ml



#2 alpha-BHC

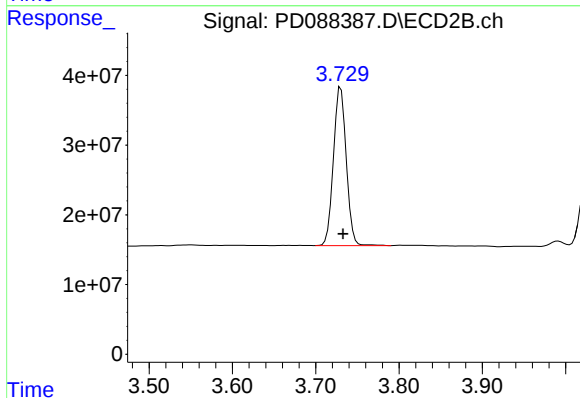
R.T.: 3.393 min
Delta R.T.: -0.003 min
Response: 259512082
Conc: 11.35 ng/ml



#3 gamma-BHC (Lindane)

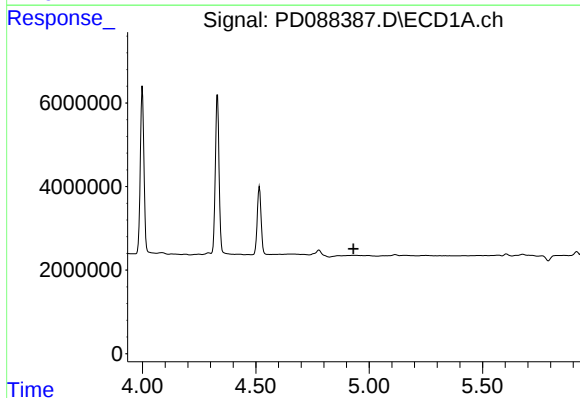
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 45158537
Conc: 10.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



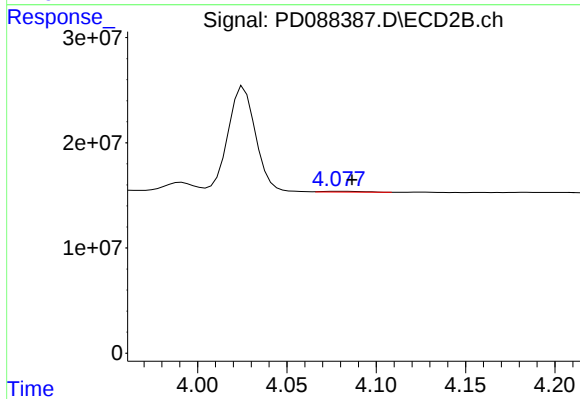
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 244038715
Conc: 11.33 ng/ml



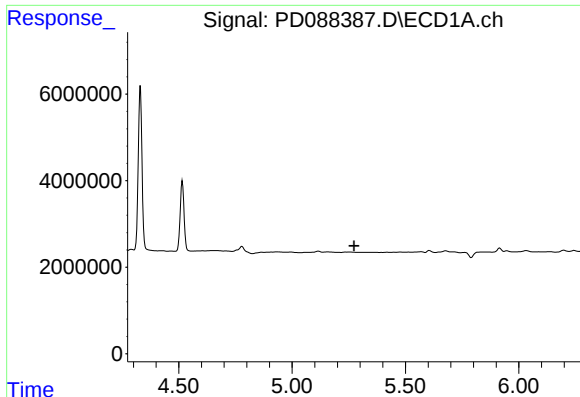
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 4.079 min
Delta R.T.: -0.008 min
Response: 1241462
Conc: 0.06 ng/ml



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

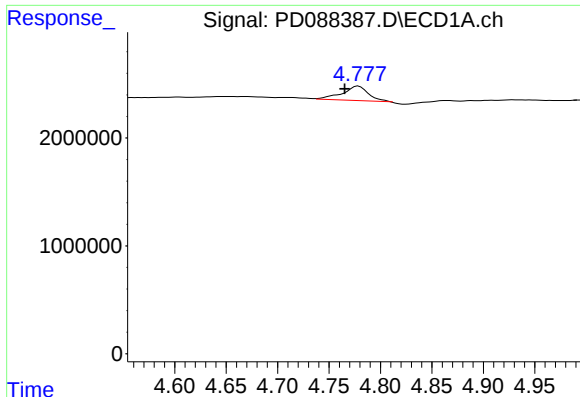
R.T.: 4.363 min
Delta R.T.: -0.009 min
Response: 2738649
Conc: 0.13 ng/ml

#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19061843
Conc: 11.74 ng/ml

#6 beta-BHC

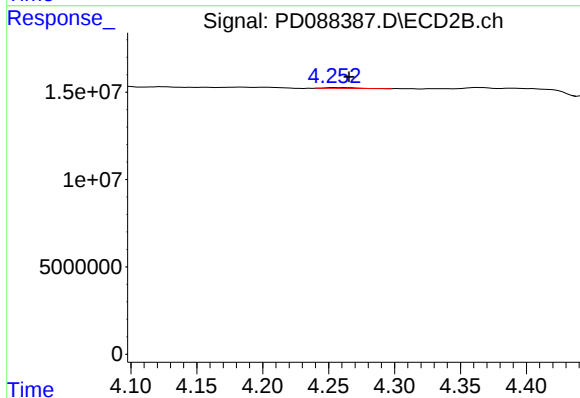
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 108315498
Conc: 11.70 ng/ml



#7 delta-BHC

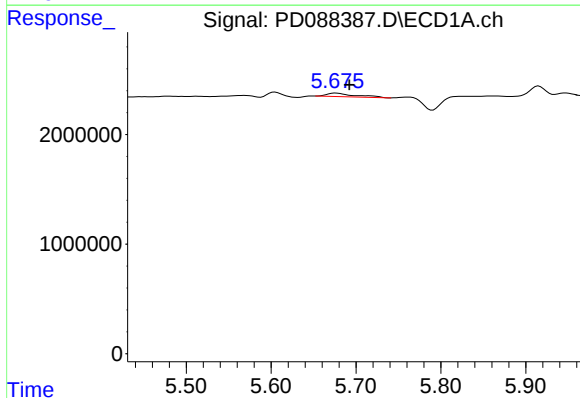
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 2358667
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



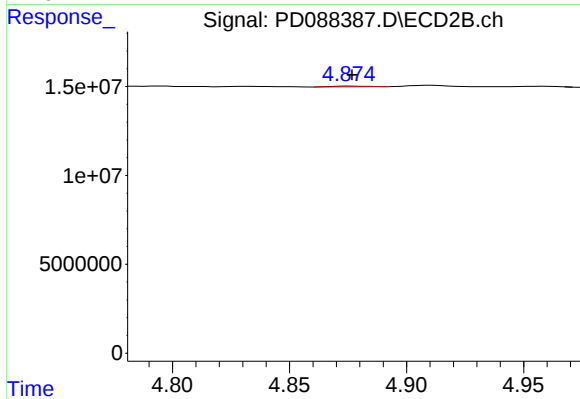
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.011 min
Response: 742056
Conc: 0.03 ng/ml



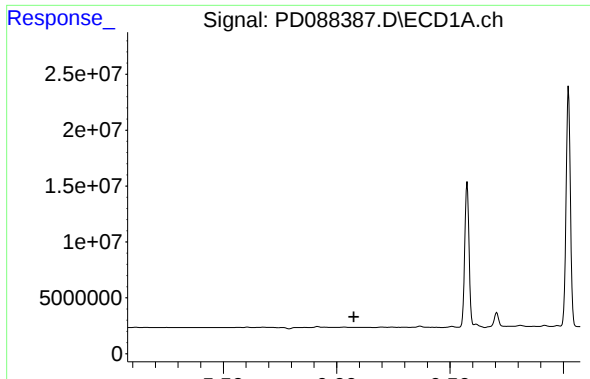
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.016 min
Response: 754803
Conc: 0.21 ng/ml



#8 Heptachlor epoxide

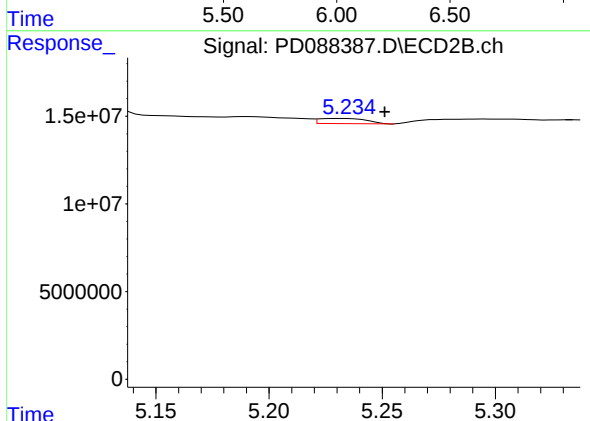
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 427677
Conc: 0.02 ng/ml



#9 Endosulfan I

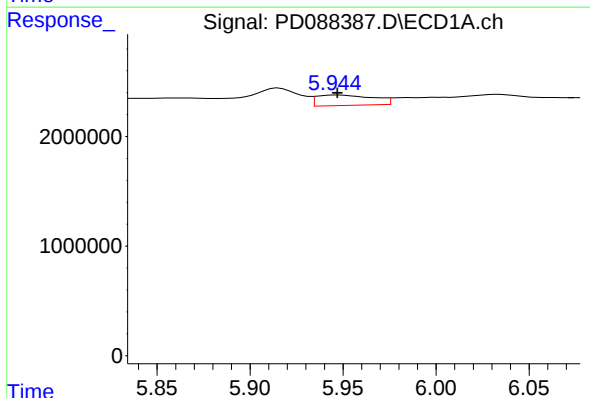
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



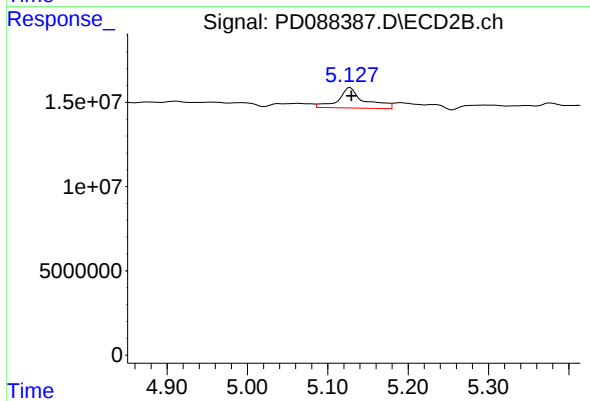
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.021 min
Response: 4235193
Conc: 0.24 ng/ml



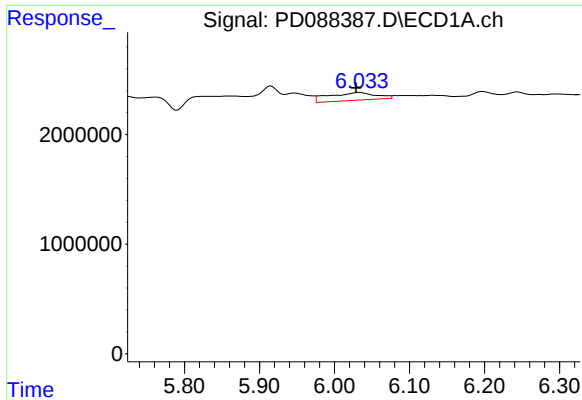
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1990780
Conc: 0.55 ng/ml



#10 gamma-Chlordane

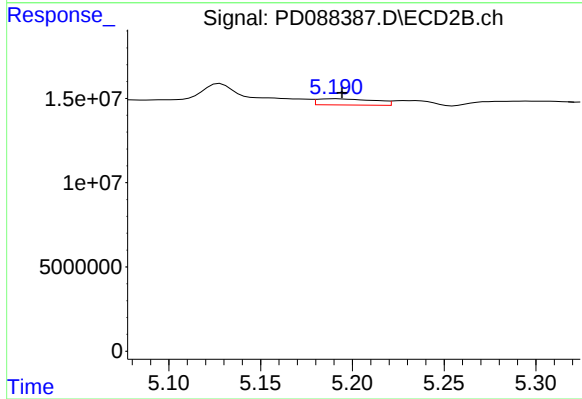
R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 27196318
Conc: 1.34 ng/ml



#11 alpha-Chlordane

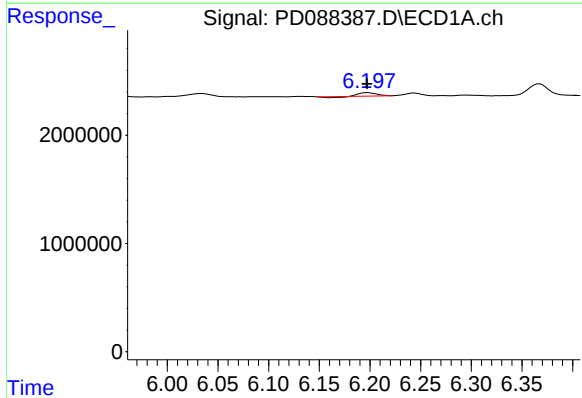
R.T.: 6.034 min
Delta R.T.: 0.005 min
Response: 3059414
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



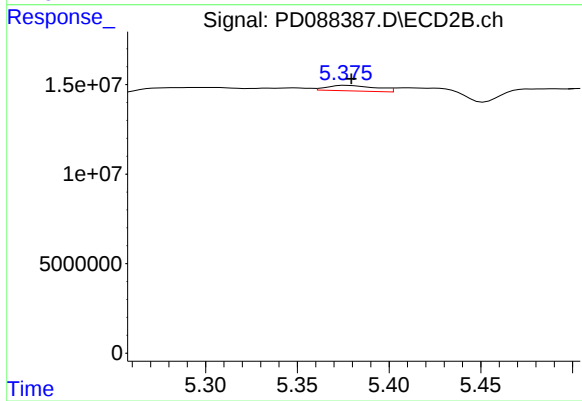
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 7933153
Conc: 0.40 ng/ml



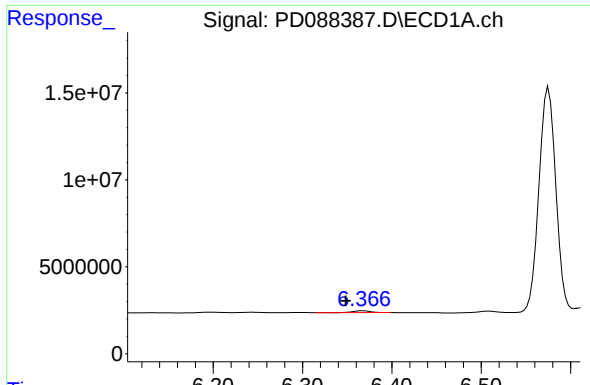
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 295145
Conc: 0.09 ng/ml



#12 4,4'-DDE

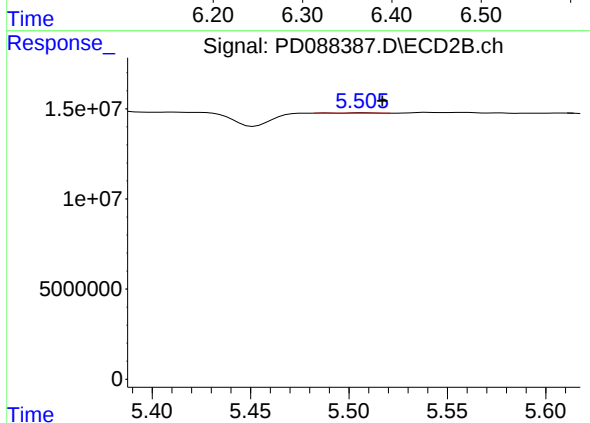
R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 5751332
Conc: 0.29 ng/ml



#13 Dieldrin

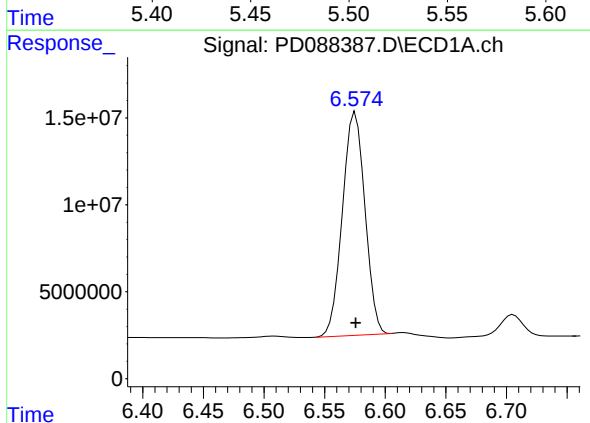
R.T.: 6.367 min
Delta R.T.: 0.019 min
Response: 1427366
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



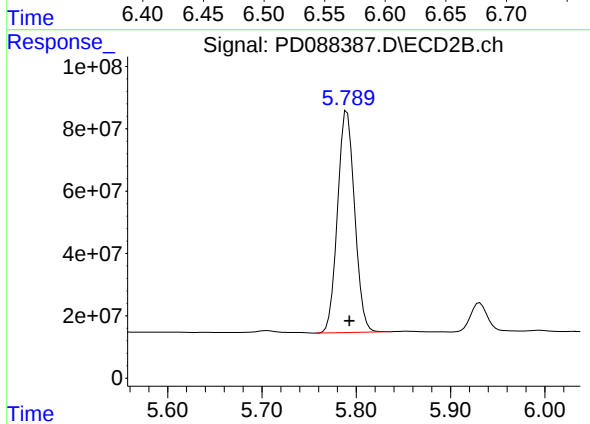
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: -0.010 min
Response: 249168
Conc: 0.01 ng/ml



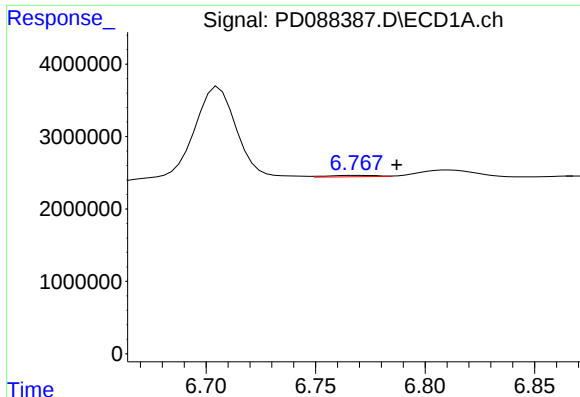
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 166205740
Conc: 55.73 ng/ml



#14 Endrin

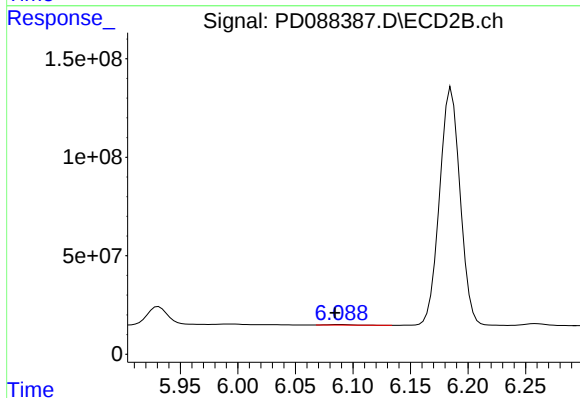
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 896249470
Conc: 49.24 ng/ml



#15 Endosulfan II

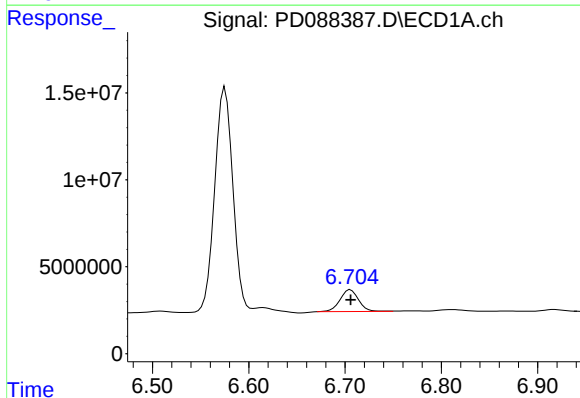
R.T.: 6.770 min
Delta R.T.: -0.017 min
Response: 303837
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



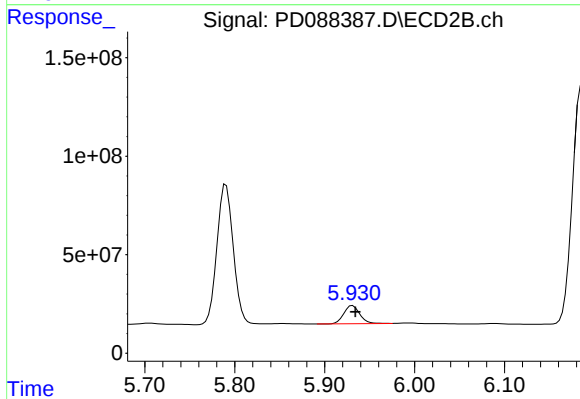
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 3764742
Conc: 0.21 ng/ml



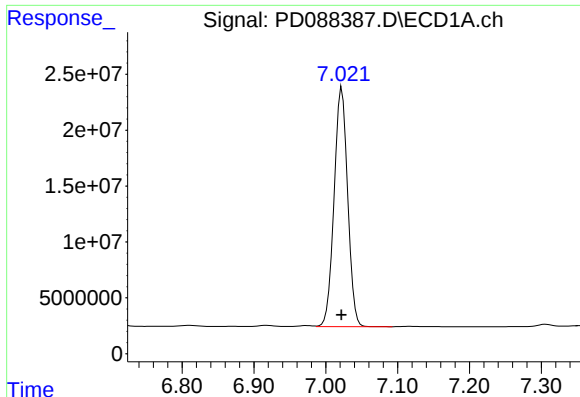
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 16761983
Conc: 6.66 ng/ml



#16 4,4'-DDD

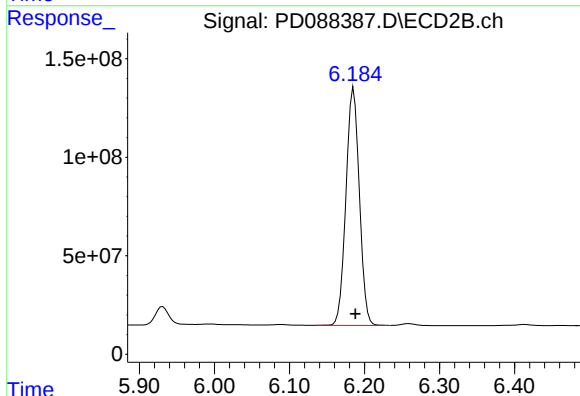
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 112902721
Conc: 6.89 ng/ml



#17 4,4'-DDT

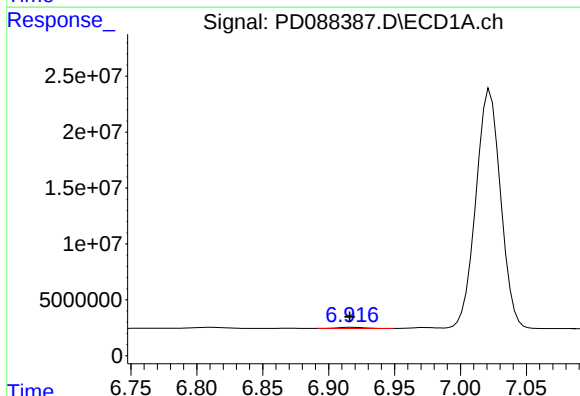
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 279746104
Conc: 100.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



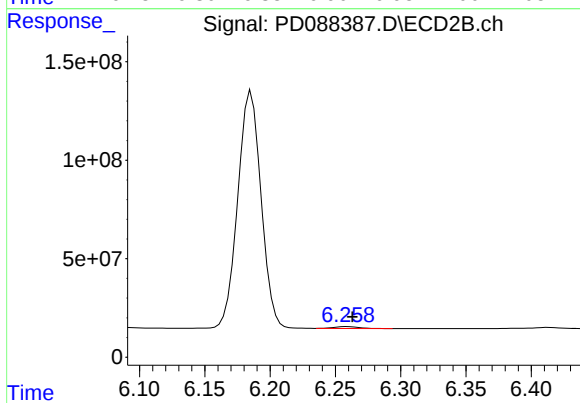
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1498295141
Conc: 88.05 ng/ml



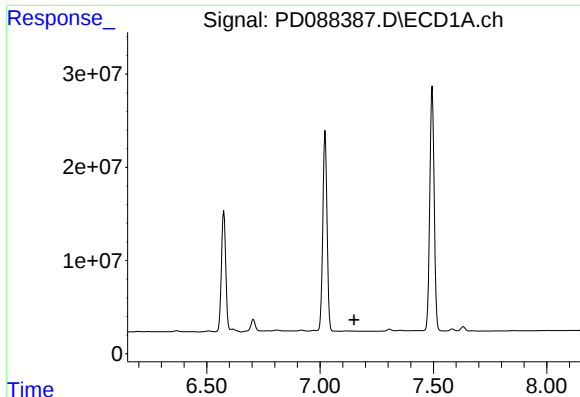
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.001 min
Response: 1495806
Conc: 0.65 ng/ml



#18 Endrin aldehyde

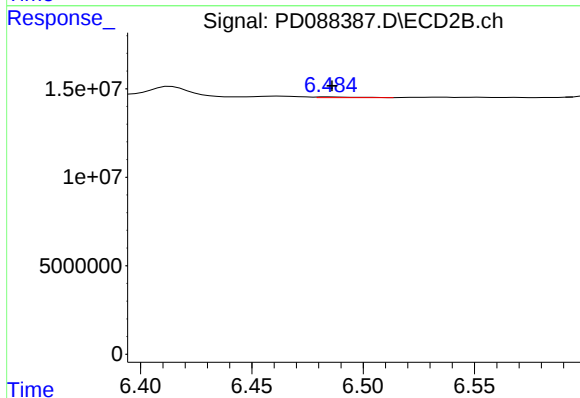
R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 12368557
Conc: 0.93 ng/ml



#19 Endosulfan Sulfate

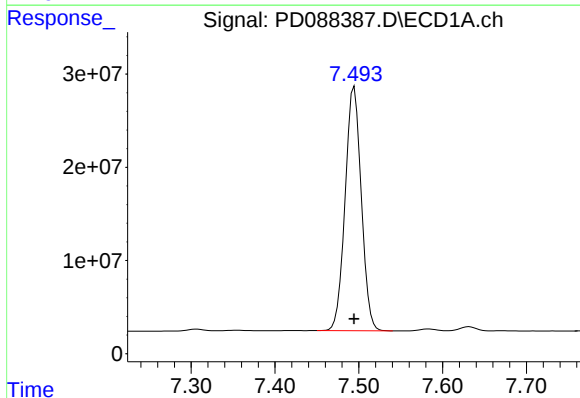
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



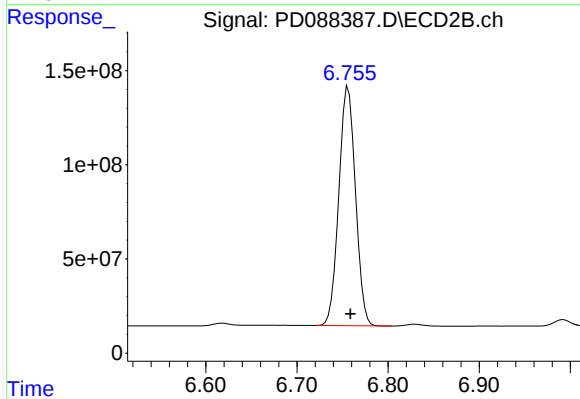
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 446836
Conc: 0.03 ng/ml



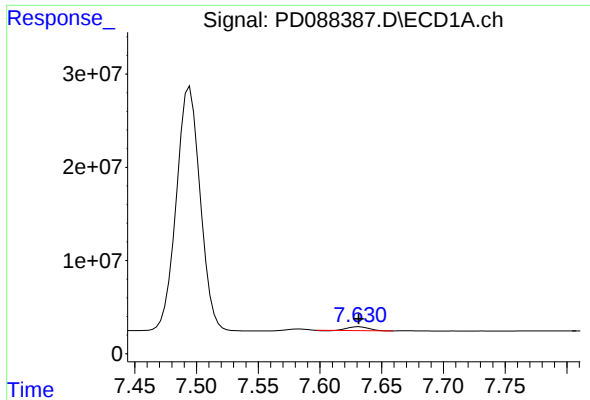
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 351345684
Conc: 234.30 ng/ml



#20 Methoxychlor

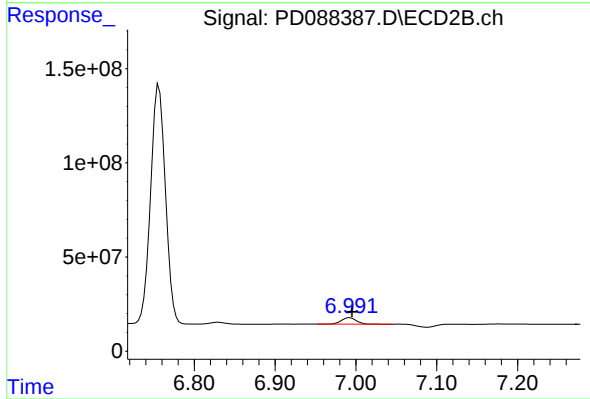
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1612430247
Conc: 176.78 ng/ml



#21 Endrin ketone

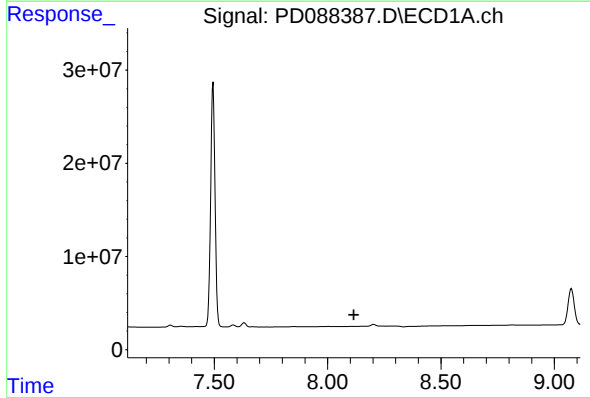
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 4762034
Conc: 1.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



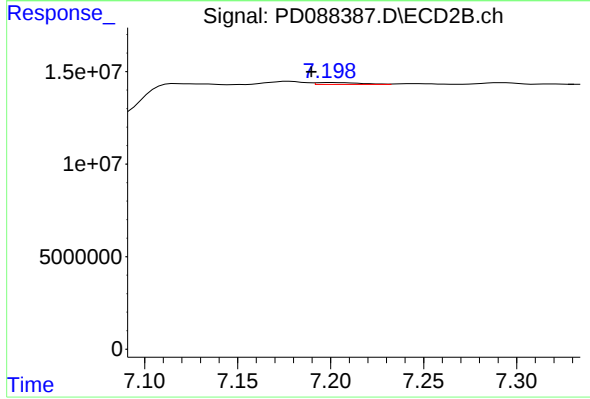
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 44464117
Conc: 2.38 ng/ml



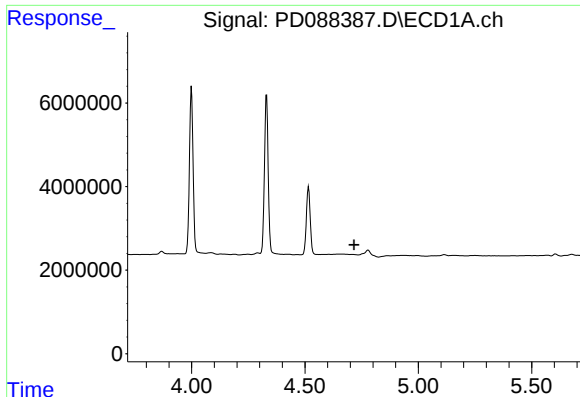
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

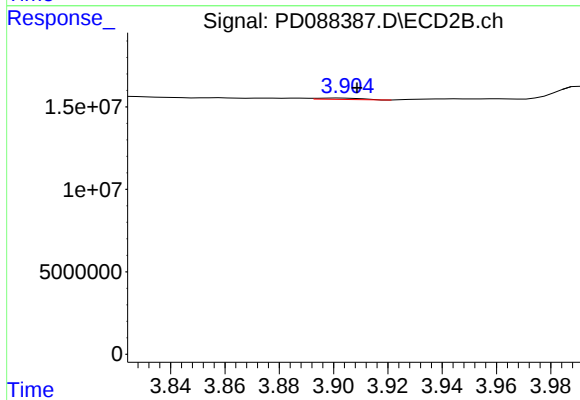
R.T.: 7.200 min
Delta R.T.: 0.010 min
Response: 1626661
Conc: 0.11 ng/ml



#23 Chlordane-1

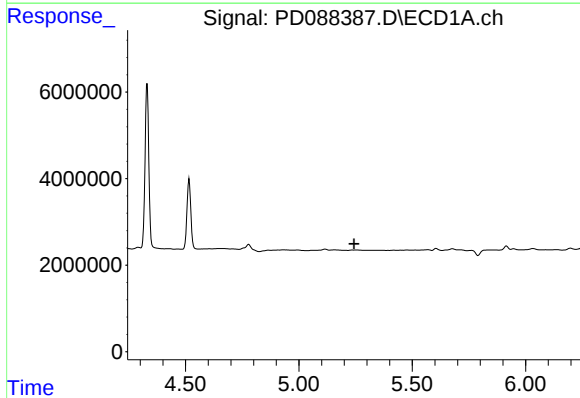
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



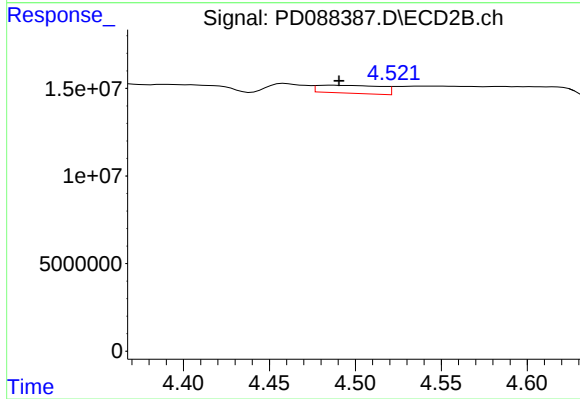
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.006 min
Response: 962299
Conc: 1.20 ng/ml



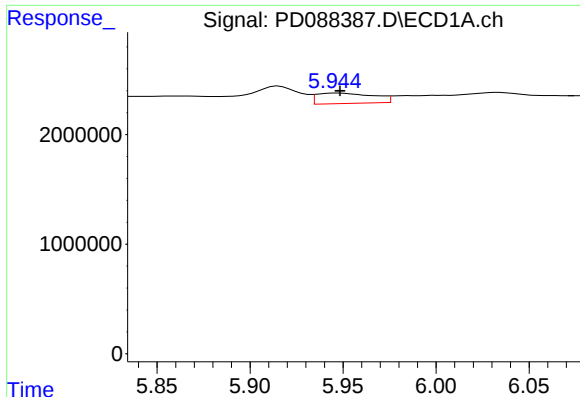
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.



#24 Chlordane-2

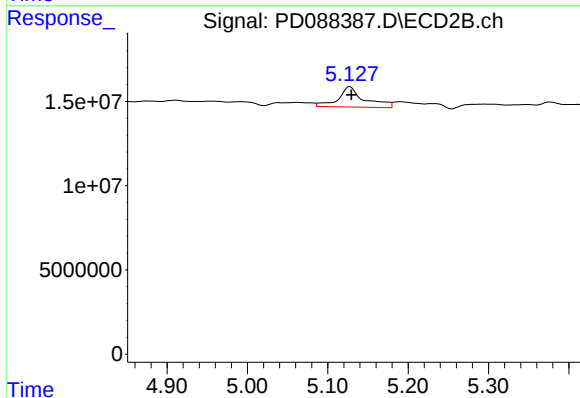
R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 11480573
Conc: 13.91 ng/ml



#25 Chlordane-3

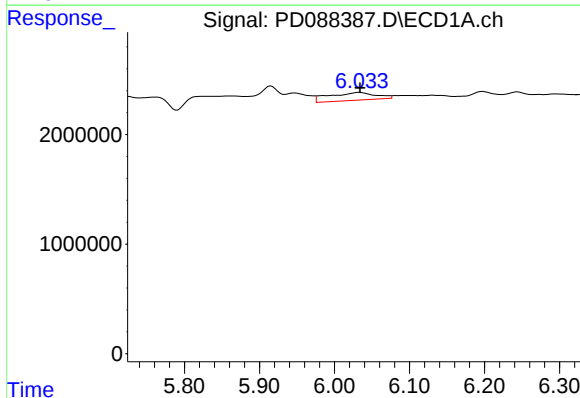
R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 1990780
Conc: 2.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



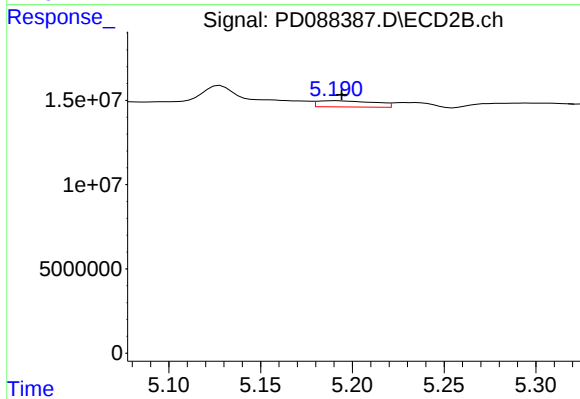
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 27196318
Conc: 10.75 ng/ml



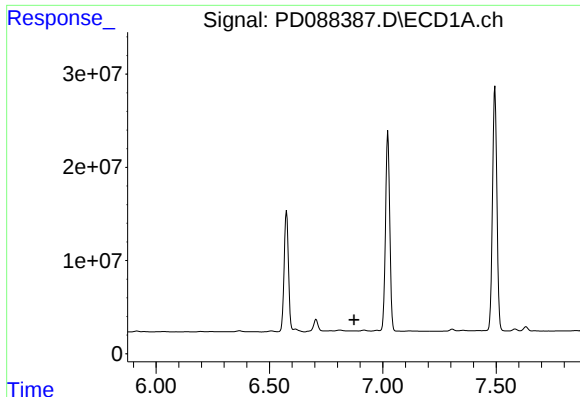
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 3059414
Conc: 3.75 ng/ml



#26 Chlordane-4

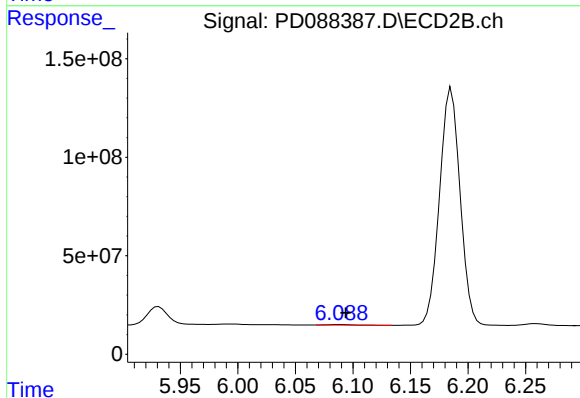
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 7933153
Conc: 3.71 ng/ml



#27 Chlordane-5

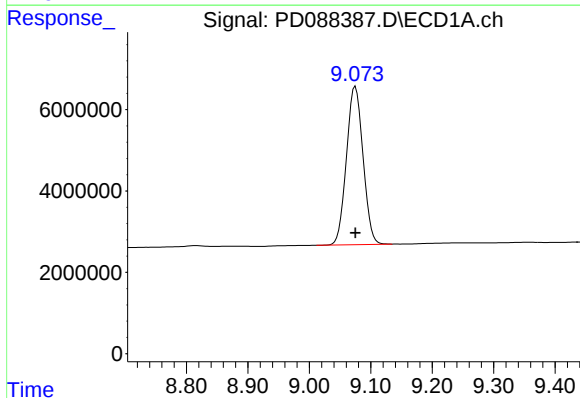
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



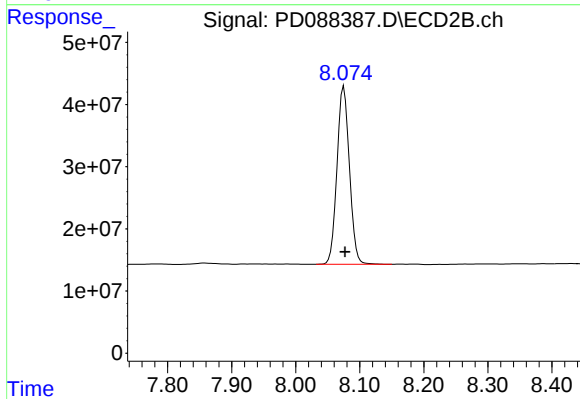
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 3764742
Conc: 3.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 72996015
Conc: 22.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 386518949
Conc: 20.92 ng/ml