

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080925\
 Data File : PD089809.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Aug 2025 11:10
 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: Aug 11 01:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.877	58246714	401.6E6	23.614	25.358
28)	SA Decachlor...	9.066	8.064	83415937	408.9E6	22.446	20.365
Target Compounds							
2)	A alpha-BHC	3.996	3.389	55613989	337.1E6	11.227	13.868
3)	MA gamma-BHC...	4.327	3.725	55719510	307.7E6	11.725	13.662
4)	MA Heptachlor	0.000	4.075	0	1747219	N.D.	0.075 #
5)	MB Aldrin	5.247f	4.361	284226	1331621	0.062	0.060
6)	B beta-BHC	4.513	4.021	22817545	134.0E6	12.369	13.883
7)	B delta-BHC	4.773	4.259	1472601	726728	0.321	0.032 #
8)	B Heptachlo...	5.678	4.873	1697625	3263281	0.406	0.159 #
9)	A Endosulfan I	0.000	5.225f	0	2903968	N.D.	0.149 #
10)	B gamma-Chl...	5.941	5.120	535205	14917779	0.128	0.689 #
11)	B alpha-Chl...	6.030	5.183	743235	7179907	0.177	0.345 #
12)	B 4,4'-DDE	6.192	5.371	521619	3960300	0.140	0.187 #
13)	MA Dieldrin	6.363f	5.507	1215099	391081	0.288	0.018 #
14)	MA Endrin	6.570	5.783	190.5E6	1128.9E6	53.247	56.658
15)	B Endosulfa...	6.767f	6.080	1027001	7853631	0.280	0.418 #
16)	A 4,4'-DDD	6.701	5.923	15451003	104.3E6	5.159	5.916
17)	MA 4,4'-DDT	7.017	6.177	327.4E6	2002.9E6	97.429	109.017
18)	B Endrin al...	6.912	6.252	2918966	23900437	1.170	1.850 #
19)	B Endosulfa...	0.000	6.454f	0	1880690	N.D.	0.101 #
20)	A Methoxychlor	7.489	6.748	392.9E6	2060.4E6	219.748	210.344
21)	B Endrin ke...	7.626	6.985	9178576	77114993	2.471	3.843 #
22)	Mirex	0.000	7.171	0	3689521	N.D.	0.242 #
23)	Chlordane-1	0.000	3.897	0	1082663	N.D.	1.480 #
24)	Chlordane-2	5.247	4.481	284226	3859402	1.673	5.049 #
25)	Chlordane-3	5.941	5.120	535205	14917779	0.780	6.446 #
26)	Chlordane-4	6.030	5.183	743235	7179907	0.888	3.609 #
27)	Chlordane-5	0.000	6.080	0	7853631	N.D.	8.681 #

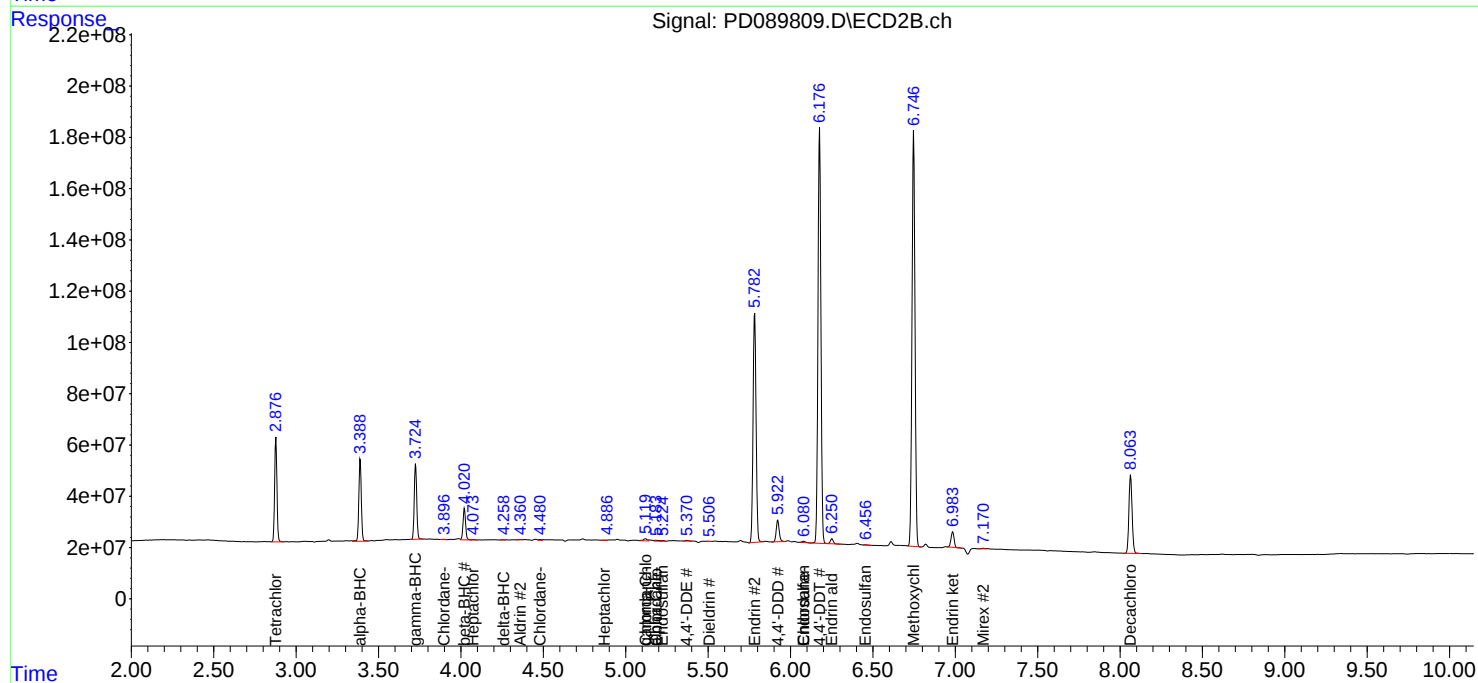
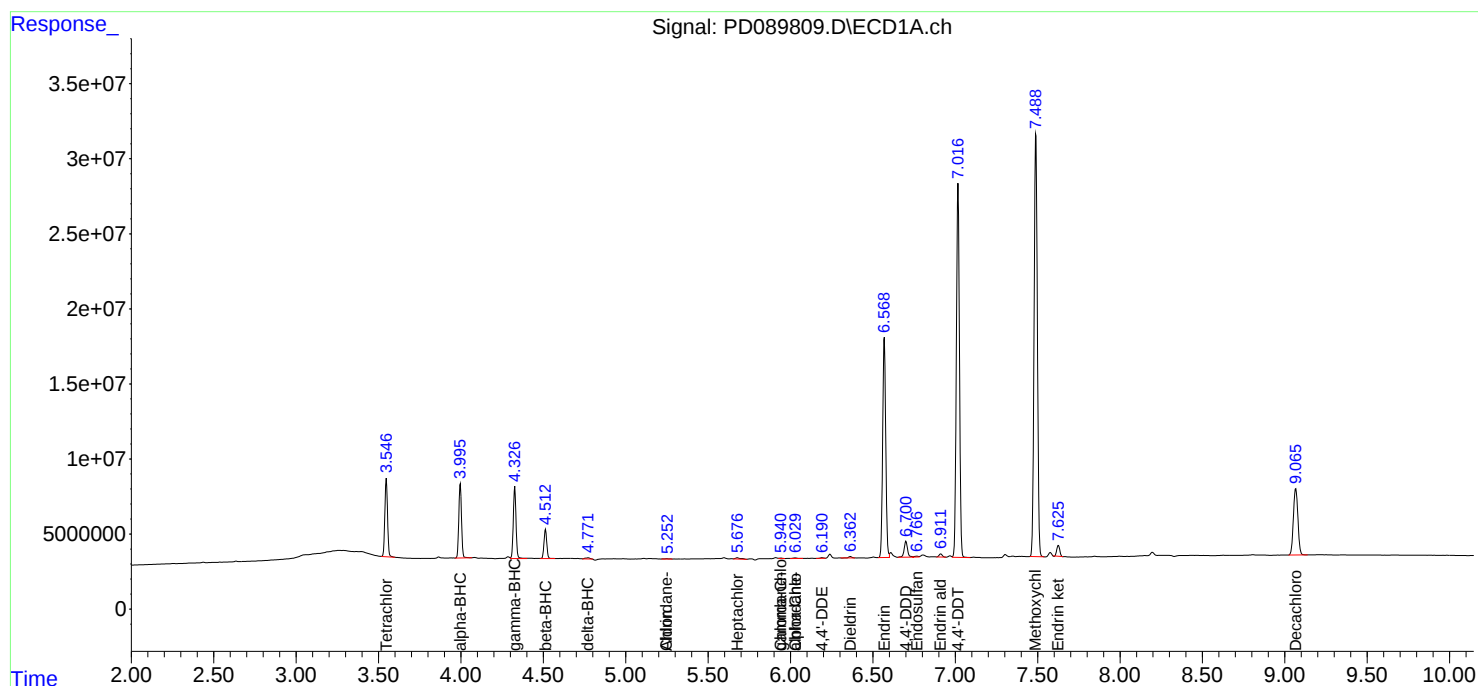
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

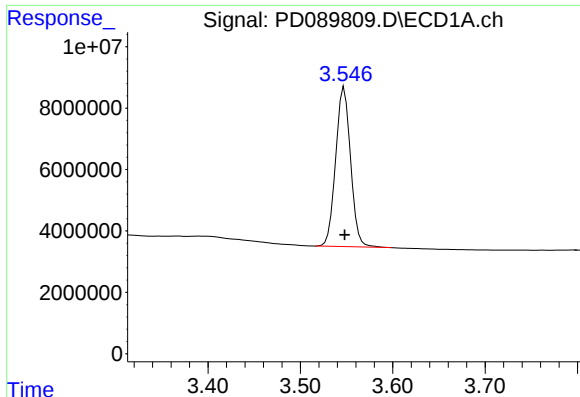
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080925\
Data File : PD089809.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Aug 2025 11:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 11 01:33:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

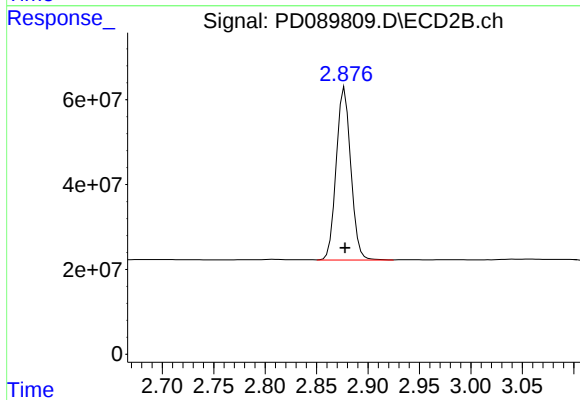




#1 Tetrachloro-m-xylene

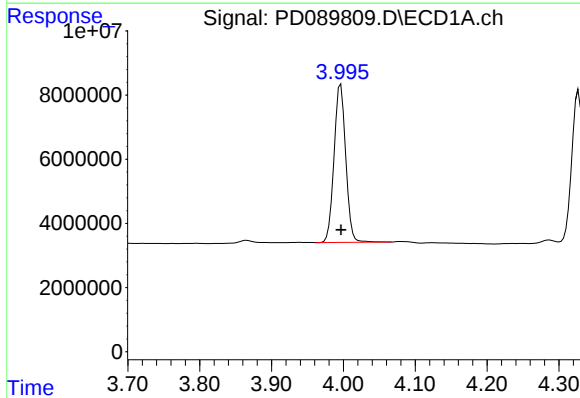
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 58246714
Conc: 23.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



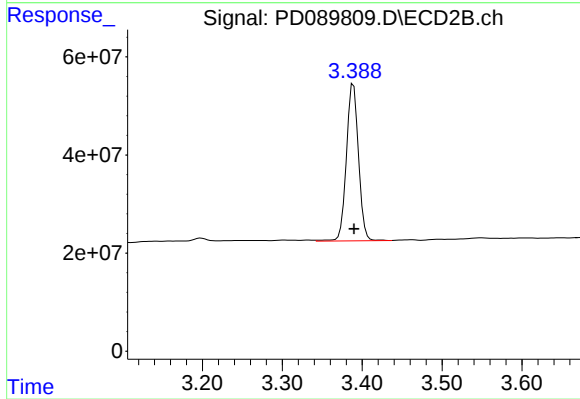
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 401609013
Conc: 25.36 ng/ml



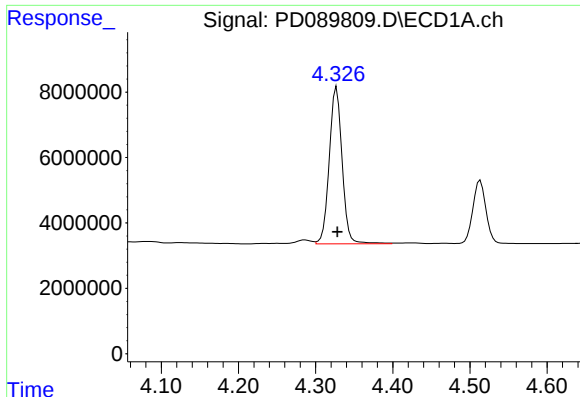
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 55613989
Conc: 11.23 ng/ml



#2 alpha-BHC

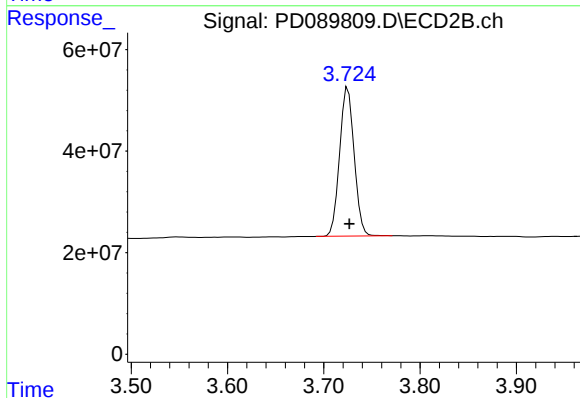
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 337057679
Conc: 13.87 ng/ml



#3 gamma-BHC (Lindane)

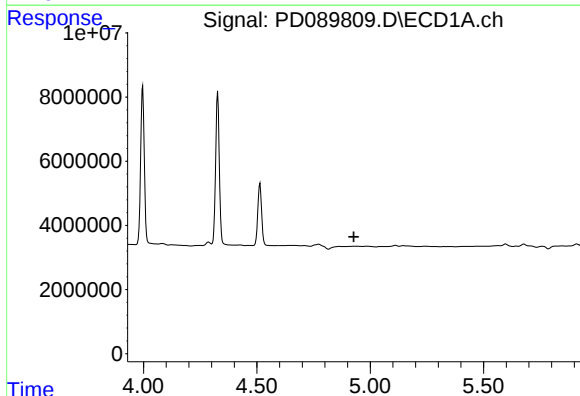
R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 55719510
Conc: 11.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



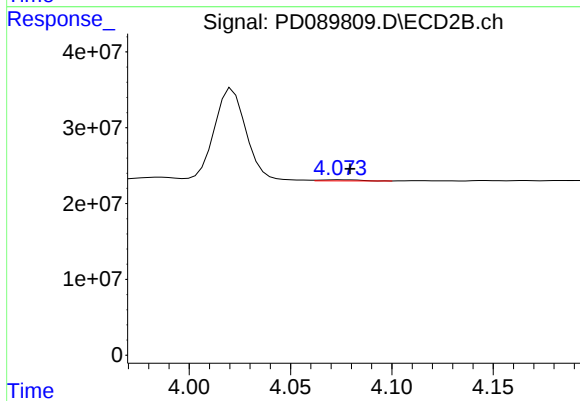
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.001 min
Response: 307724860
Conc: 13.66 ng/ml



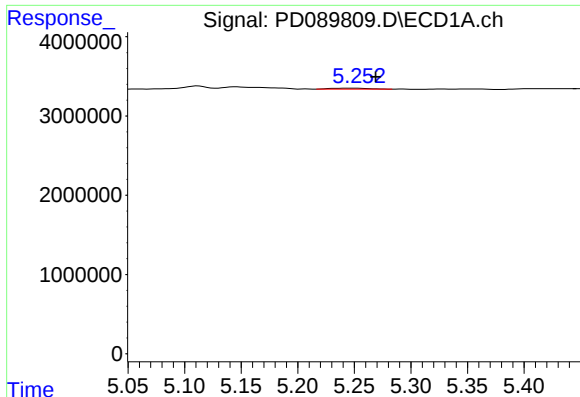
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

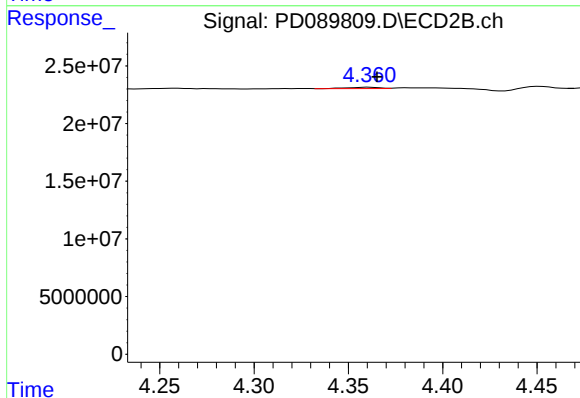
R.T.: 4.075 min
Delta R.T.: -0.005 min
Response: 1747219
Conc: 0.08 ng/ml



#5 Aldrin

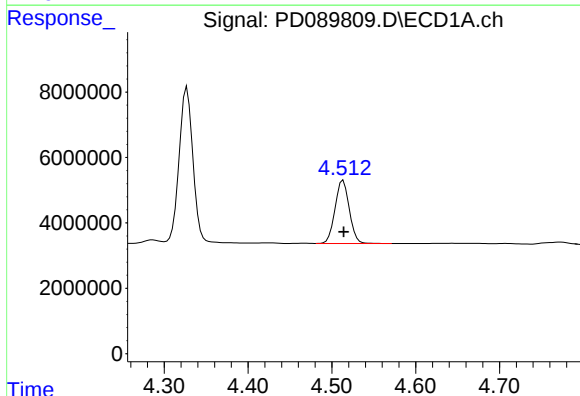
R.T.: 5.247 min
Delta R.T.: -0.021 min
Response: 284226
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



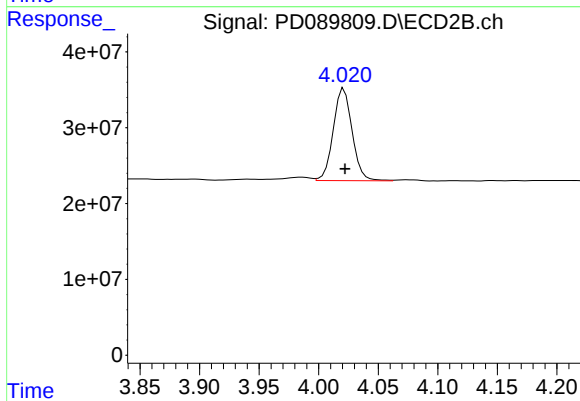
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.004 min
Response: 1331621
Conc: 0.06 ng/ml



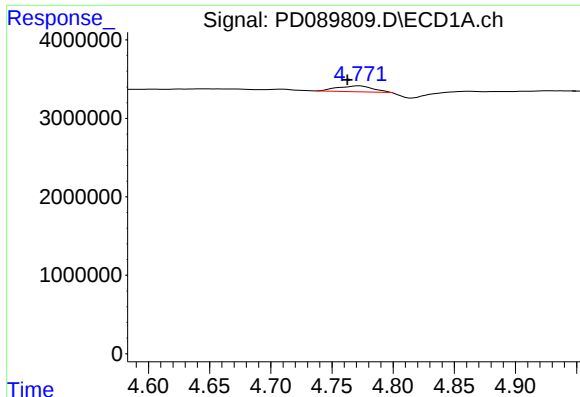
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 22817545
Conc: 12.37 ng/ml



#6 beta-BHC

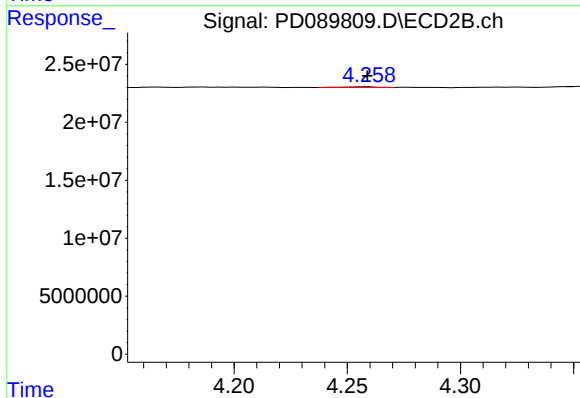
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 133961495
Conc: 13.88 ng/ml



#7 delta-BHC

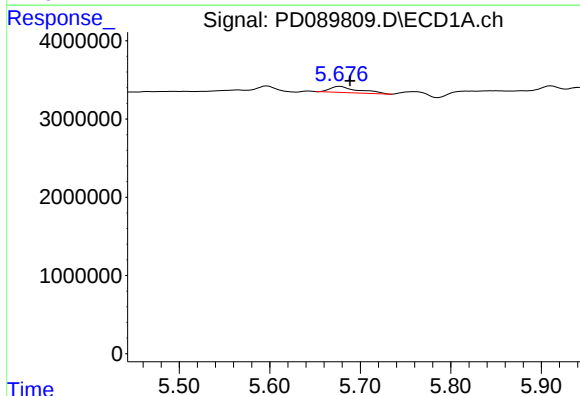
R.T.: 4.773 min
Delta R.T.: 0.010 min
Response: 1472601
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



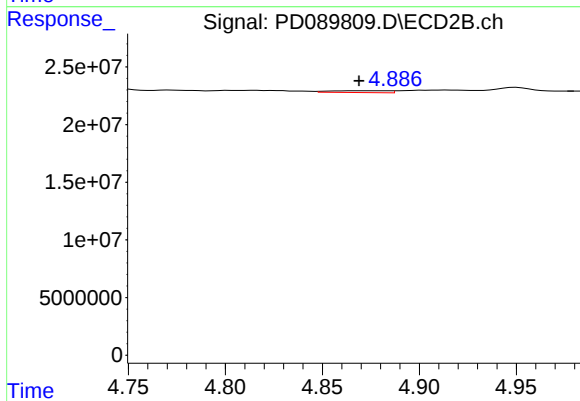
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 726728
Conc: 0.03 ng/ml



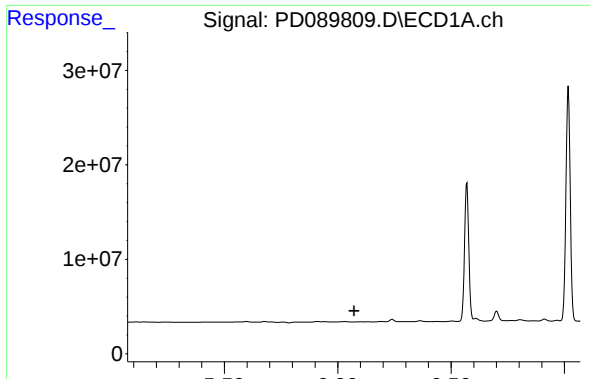
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.011 min
Response: 1697625
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

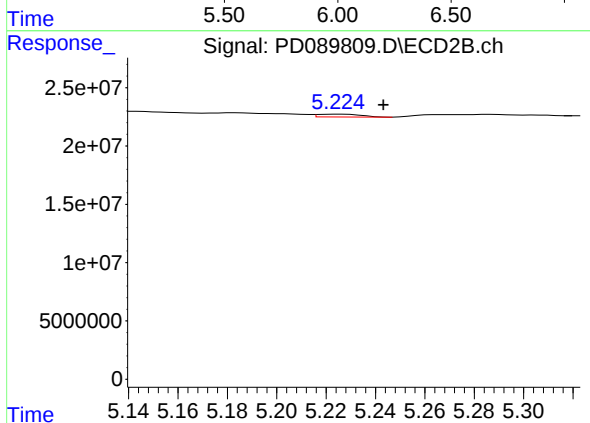
R.T.: 4.873 min
Delta R.T.: 0.004 min
Response: 3263281
Conc: 0.16 ng/ml



#9 Endosulfan I

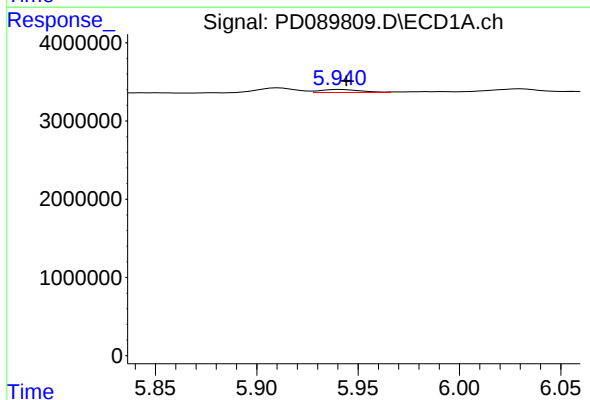
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



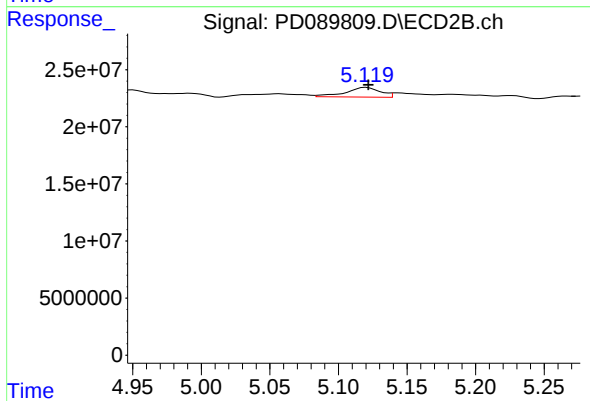
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.018 min
Response: 2903968
Conc: 0.15 ng/ml



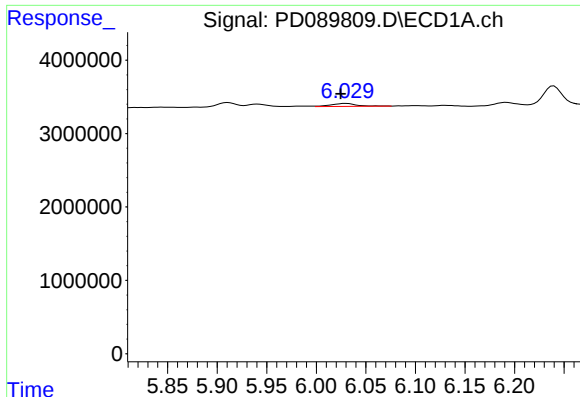
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 535205
Conc: 0.13 ng/ml



#10 gamma-Chlordane

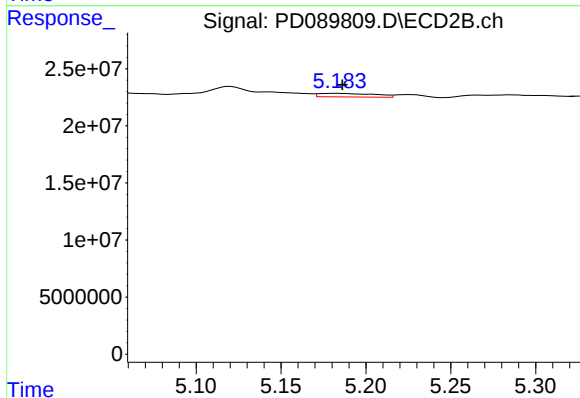
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 14917779
Conc: 0.69 ng/ml



#11 alpha-Chlordane

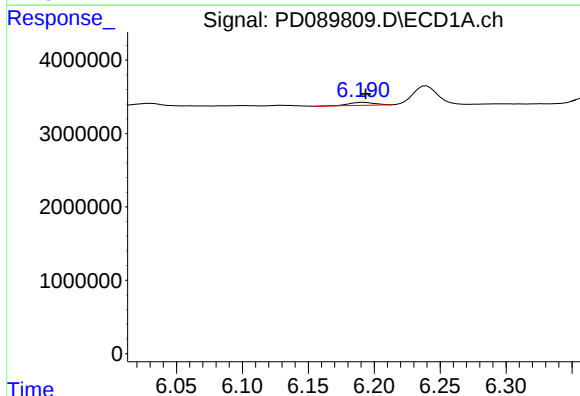
R.T.: 6.030 min
Delta R.T.: 0.005 min
Response: 743235
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



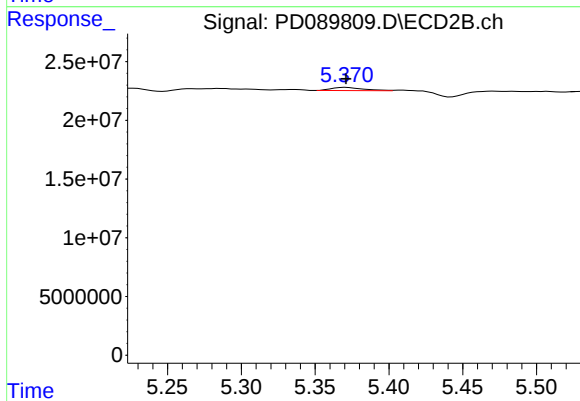
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 7179907
Conc: 0.34 ng/ml



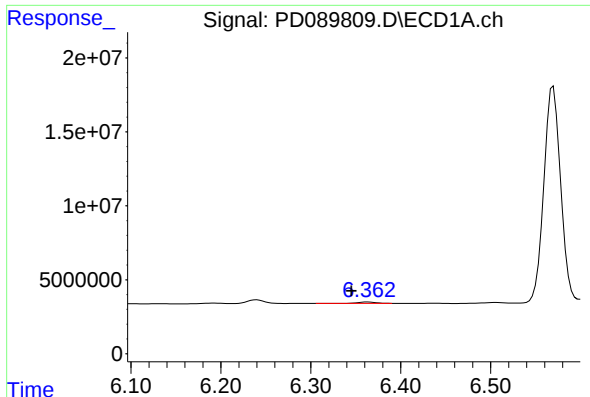
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 521619
Conc: 0.14 ng/ml



#12 4,4'-DDE

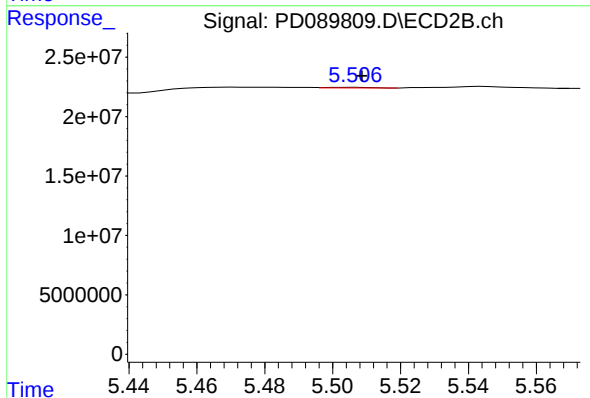
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 3960300
Conc: 0.19 ng/ml



#13 Dieldrin

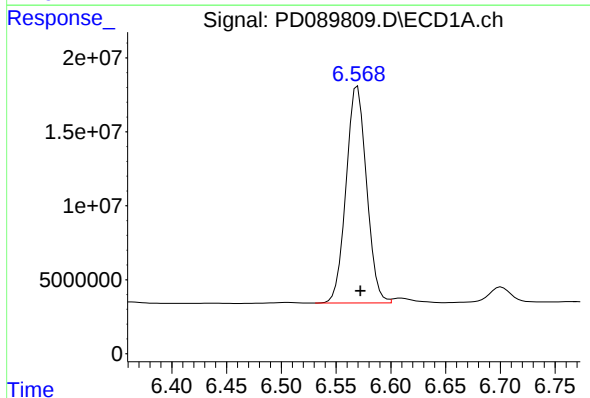
R.T.: 6.363 min
Delta R.T.: 0.018 min
Response: 1215099
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



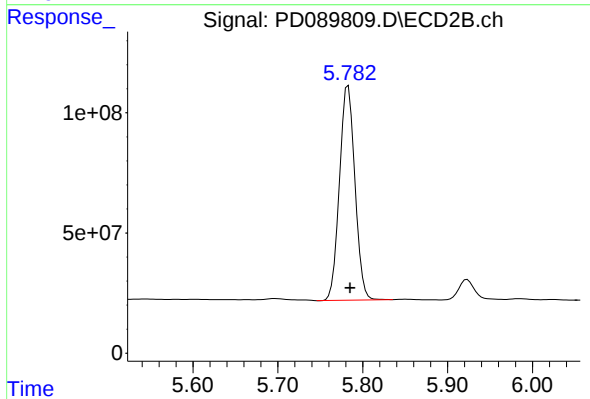
#13 Dieldrin

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 391081
Conc: 0.02 ng/ml



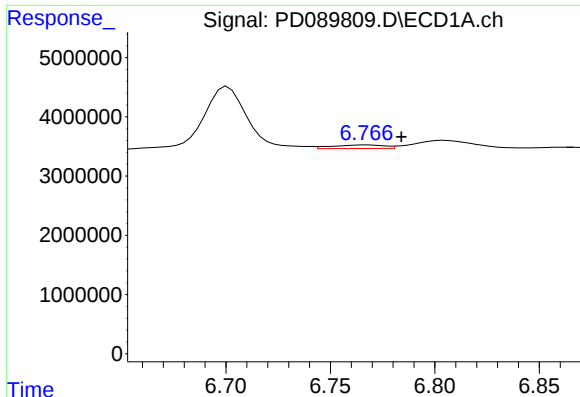
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 190501921
Conc: 53.25 ng/ml



#14 Endrin

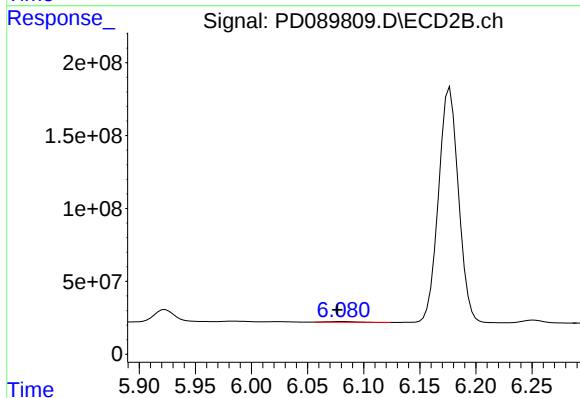
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 1128923689
Conc: 56.66 ng/ml



#15 Endosulfan II

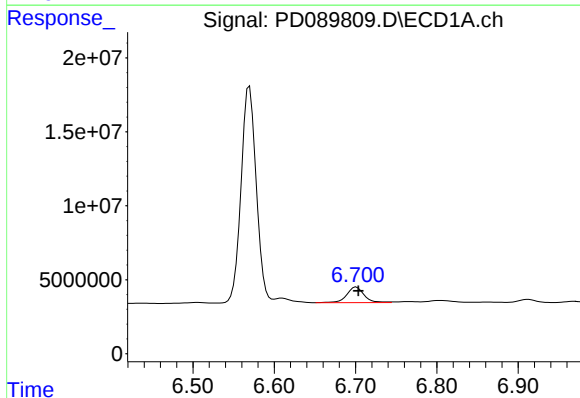
R.T.: 6.767 min
Delta R.T.: -0.017 min
Response: 1027001
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



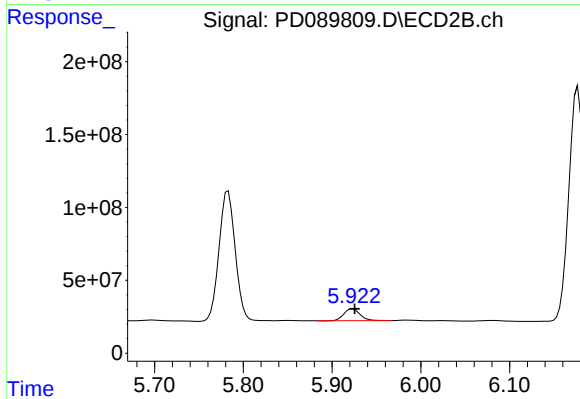
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 7853631
Conc: 0.42 ng/ml



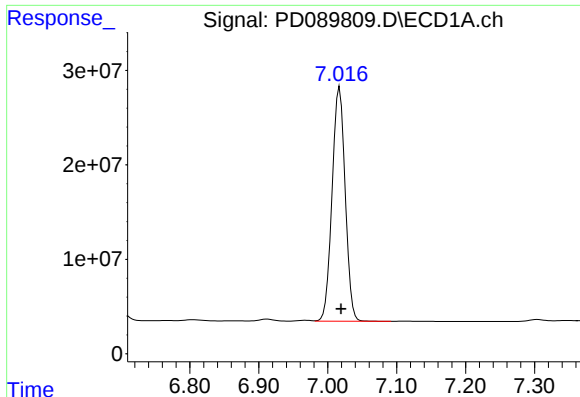
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.003 min
Response: 15451003
Conc: 5.16 ng/ml



#16 4,4'-DDD

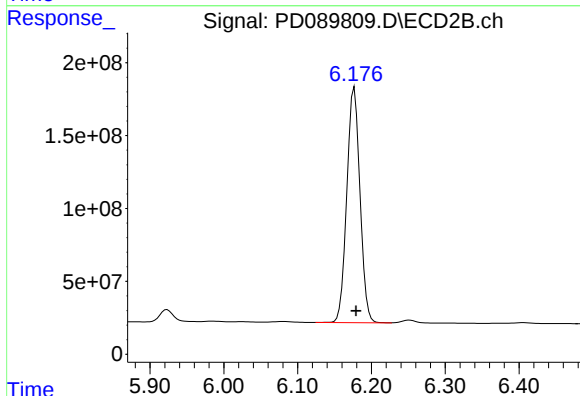
R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 104319342
Conc: 5.92 ng/ml



#17 4,4'-DDT

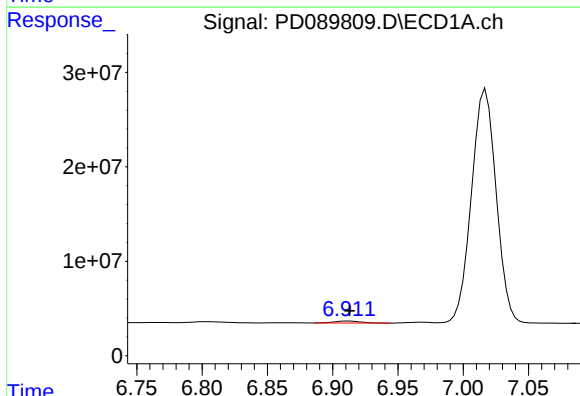
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 327385575
Conc: 97.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



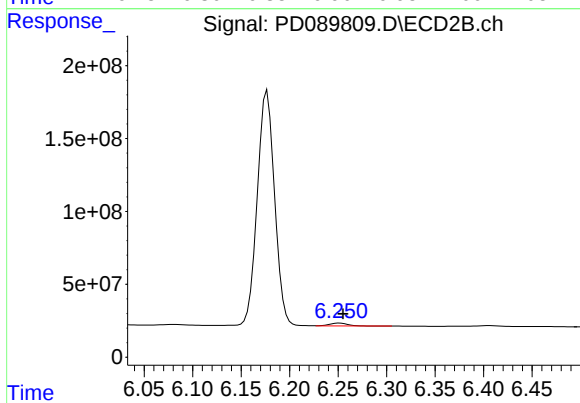
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 2002935628
Conc: 109.02 ng/ml



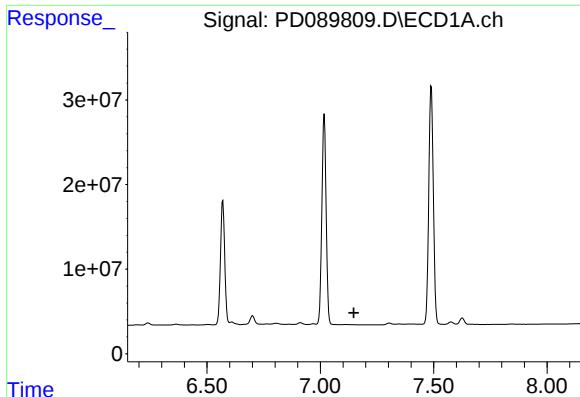
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 2918966
Conc: 1.17 ng/ml



#18 Endrin aldehyde

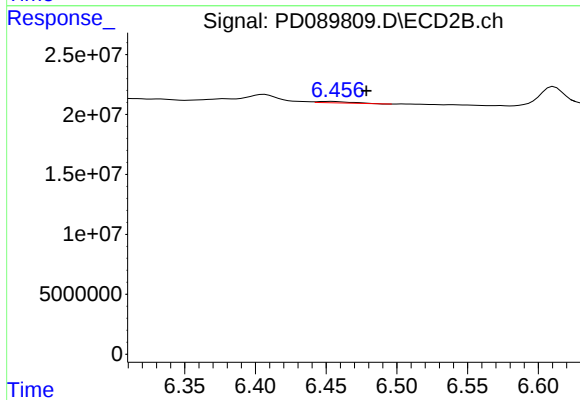
R.T.: 6.252 min
Delta R.T.: -0.003 min
Response: 23900437
Conc: 1.85 ng/ml



#19 Endosulfan Sulfate

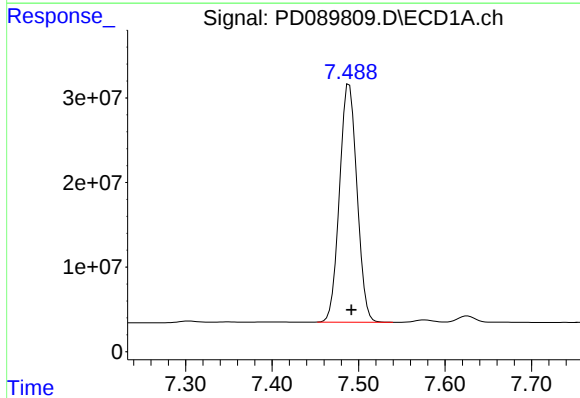
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



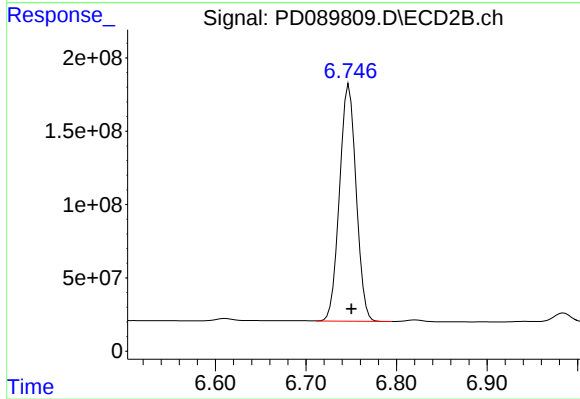
#19 Endosulfan Sulfate

R.T.: 6.454 min
Delta R.T.: -0.025 min
Response: 1880690
Conc: 0.10 ng/ml



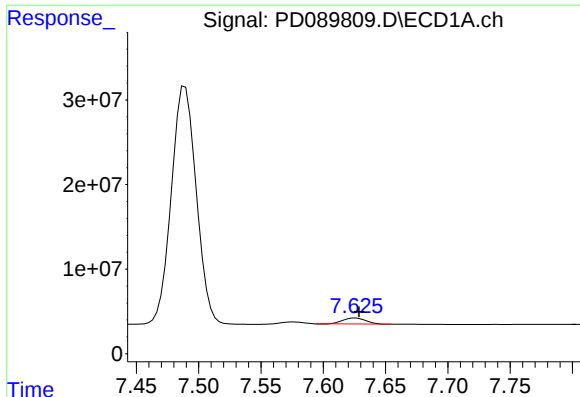
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.003 min
Response: 392903121
Conc: 219.75 ng/ml



#20 Methoxychlor

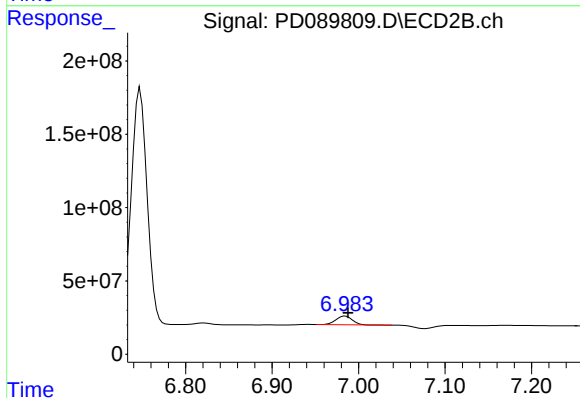
R.T.: 6.748 min
Delta R.T.: -0.003 min
Response: 2060428009
Conc: 210.34 ng/ml



#21 Endrin ketone

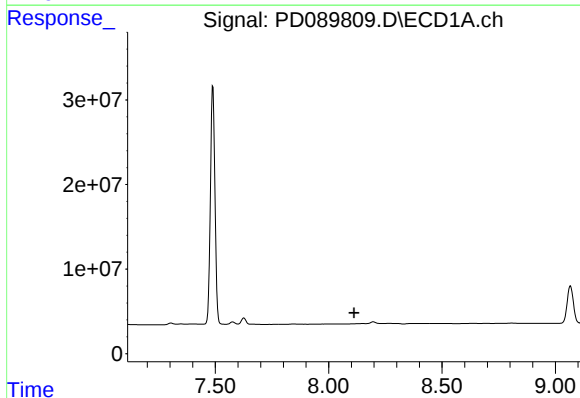
R.T.: 7.626 min
Delta R.T.: -0.003 min
Response: 9178576
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



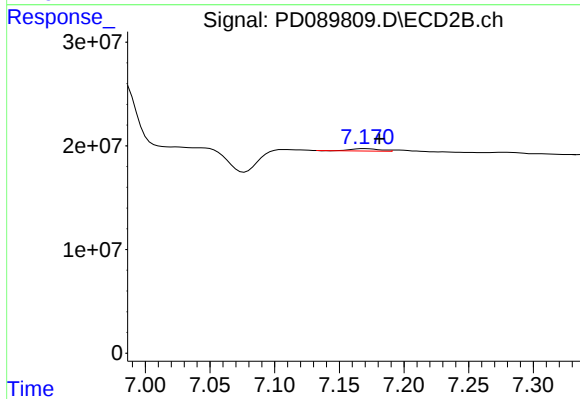
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.003 min
Response: 77114993
Conc: 3.84 ng/ml



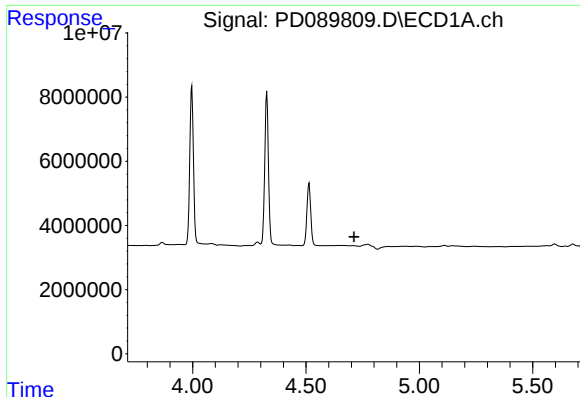
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

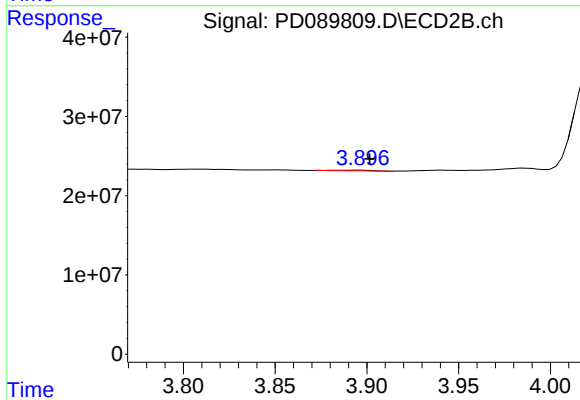
R.T.: 7.171 min
Delta R.T.: -0.010 min
Response: 3689521
Conc: 0.24 ng/ml



#23 Chlordane-1

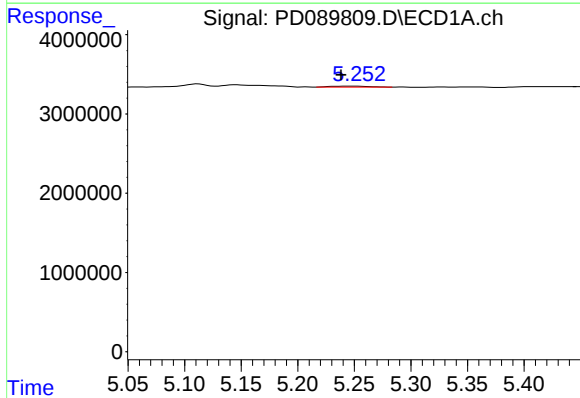
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



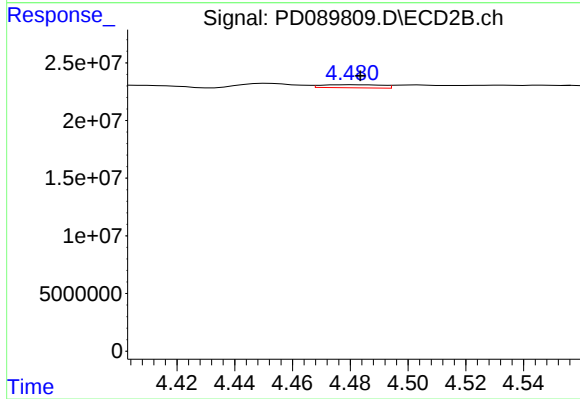
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.005 min
Response: 1082663
Conc: 1.48 ng/ml



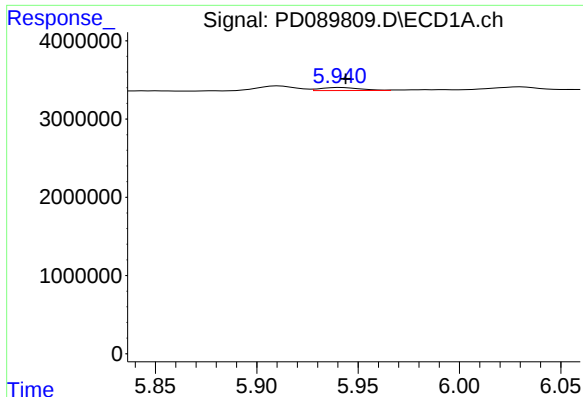
#24 Chlordane-2

R.T.: 5.247 min
Delta R.T.: 0.009 min
Response: 284226
Conc: 1.67 ng/ml



#24 Chlordane-2

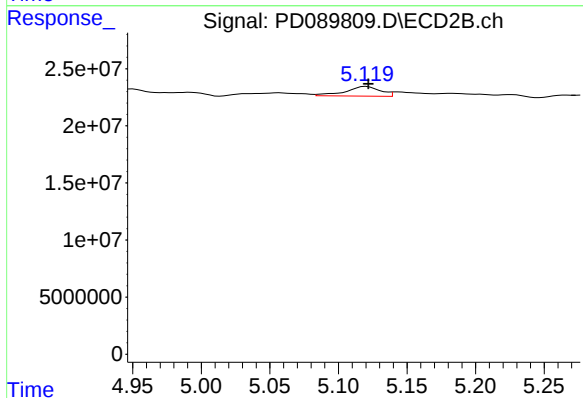
R.T.: 4.481 min
Delta R.T.: -0.002 min
Response: 3859402
Conc: 5.05 ng/ml



#25 Chlordane-3

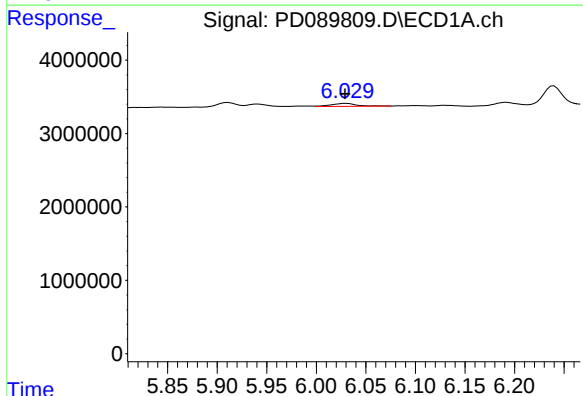
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 535205
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



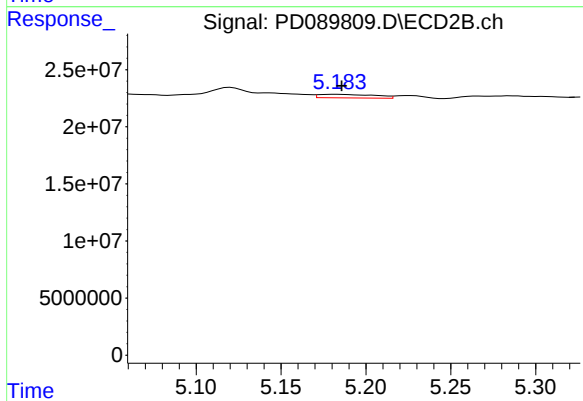
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: -0.001 min
Response: 14917779
Conc: 6.45 ng/ml



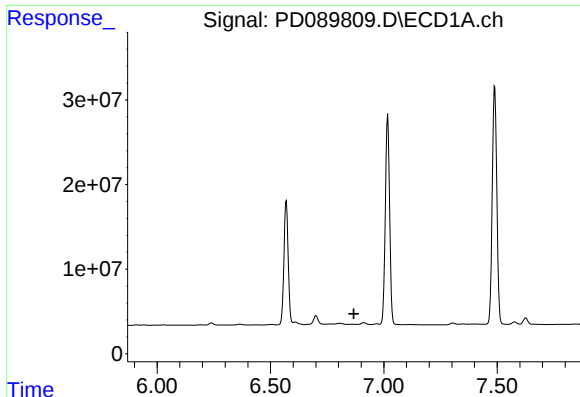
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: 0.001 min
Response: 743235
Conc: 0.89 ng/ml



#26 Chlordane-4

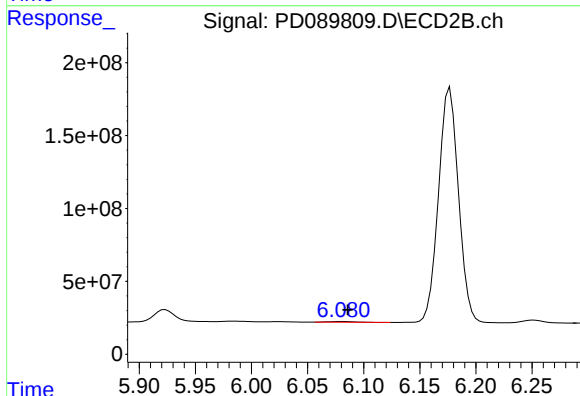
R.T.: 5.183 min
Delta R.T.: -0.003 min
Response: 7179907
Conc: 3.61 ng/ml



#27 Chlordane-5

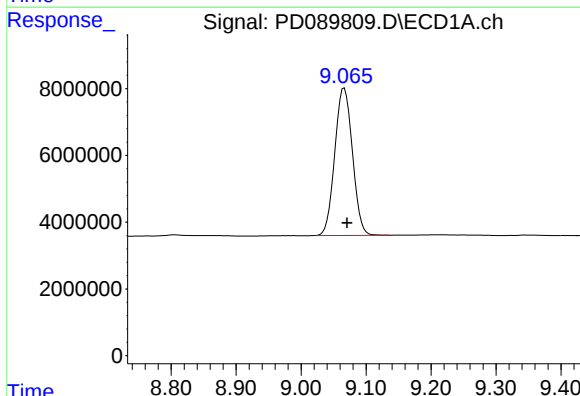
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



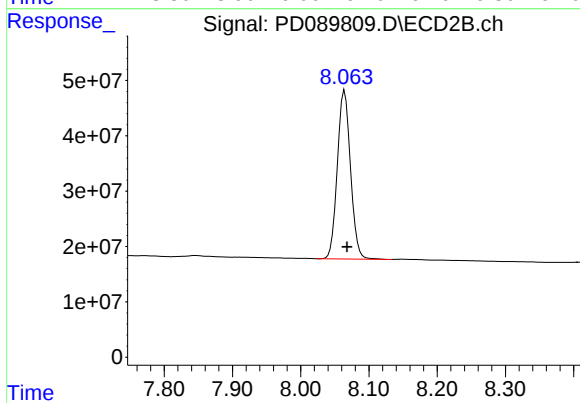
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.006 min
Response: 7853631
Conc: 8.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.004 min
Response: 83415937
Conc: 22.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 408891525
Conc: 20.37 ng/ml