

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072225\
 Data File : PD089560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2025 08:46
 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: Jul 23 01:45:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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...	3.548	2.878	54102817	388.8E6	18.777	19.873
28)	SA Decachlor...	9.068	8.068	82610667	498.9E6	20.114	20.307
Target Compounds							
2)	A alpha-BHC	3.997	3.390	51466677	320.4E6	9.014	10.663
3)	MA gamma-BHC...	4.328	3.726	51867739	293.8E6	9.401	10.582
4)	MA Heptachlor	0.000	4.079	0	1714576	N.D.	0.061 #
5)	MB Aldrin	0.000	4.361	0	1297471	N.D.	0.047 #
6)	B beta-BHC	4.513	4.022	21704474	127.1E6	10.066	10.677
7)	B delta-BHC	4.756	4.257	1272844	512775	0.241	0.018 #
8)	B Heptachlo...	5.679	4.880	3828391	5241332	0.810	0.211 #
9)	A Endosulfan I	0.000	5.227f	0	5272693	N.D.	0.222 #
10)	B gamma-Chl...	5.939	5.126	429120	13683539	0.091	0.511 #
11)	B alpha-Chl...	6.028	5.184	1206955	15199747	0.253	0.589 #
12)	B 4,4'-DDE	6.202	5.375	181588	2028126	0.042	0.077 #
13)	MA Dieldrin	0.000	5.513	0	850514	N.D.	0.032 #
14)	MA Endrin	6.571	5.785	198.5E6	1158.8E6	48.730	47.923
15)	B Endosulfa...	6.768f	6.084	1915034	3418576	0.471	0.149 #
16)	A 4,4'-DDD	6.702	5.928	4453105	10577338	1.314	0.483 #
17)	MA 4,4'-DDT	7.018	6.180	364.5E6	2185.6E6	96.618	93.373
18)	B Endrin al...	6.915	6.253	608331	11287104	0.209	0.680 #
19)	B Endosulfa...	0.000	6.451f	0	1225914	N.D.	0.055 #
20)	A Methoxychlor	7.490	6.750	446.9E6	2257.6E6	222.916	185.172
21)	B Endrin ke...	7.627	6.986	1032030	8514620	0.256	0.348 #
22)	Mirex	0.000	7.173	0	6188873	N.D.	0.320 #
23)	Chlordane-1	0.000	3.897	0	902619	N.D.	0.972 #
24)	Chlordane-2	0.000	4.487	0	10209810	N.D.	10.415 #
25)	Chlordane-3	5.939	5.126	429120	13683539	0.551	4.740 #
26)	Chlordane-4	6.028	5.184	1206955	15199747	1.271	6.301 #
27)	Chlordane-5	6.868	6.084	309951	3418576	1.879	2.926 #

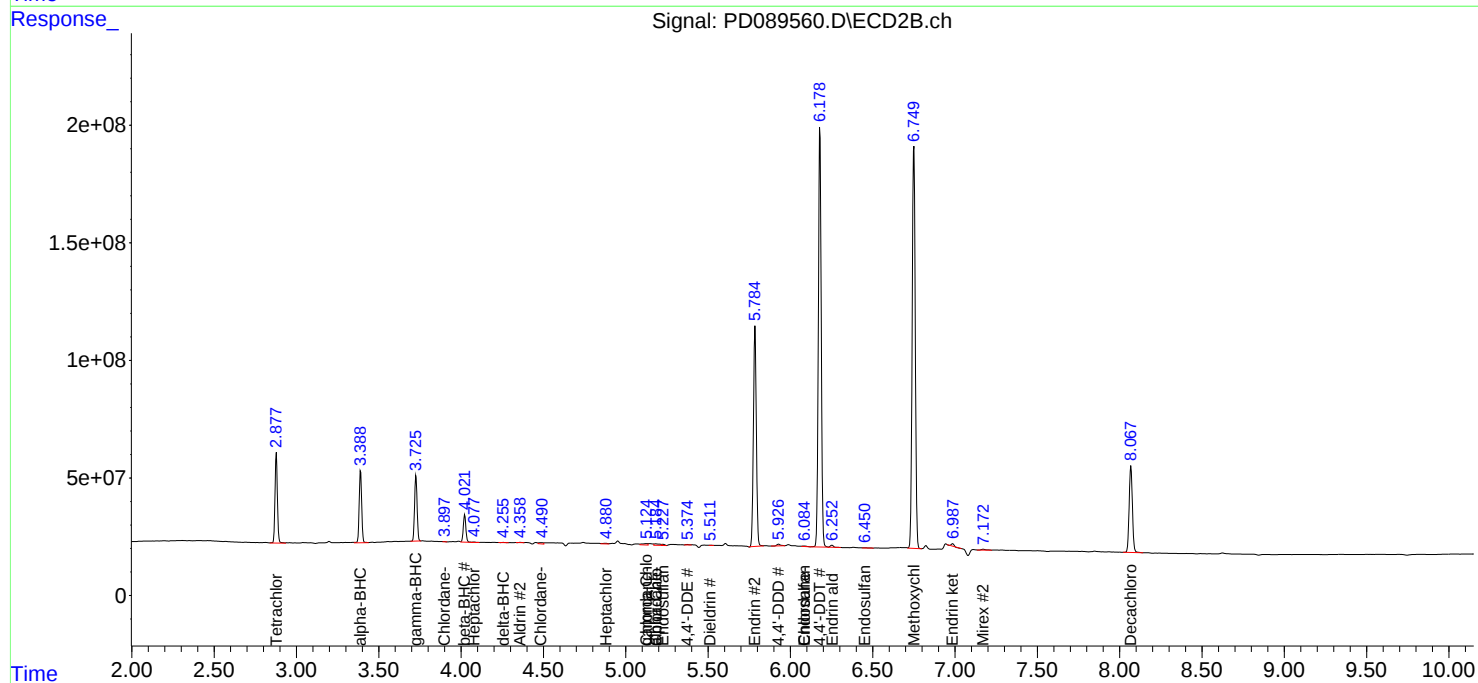
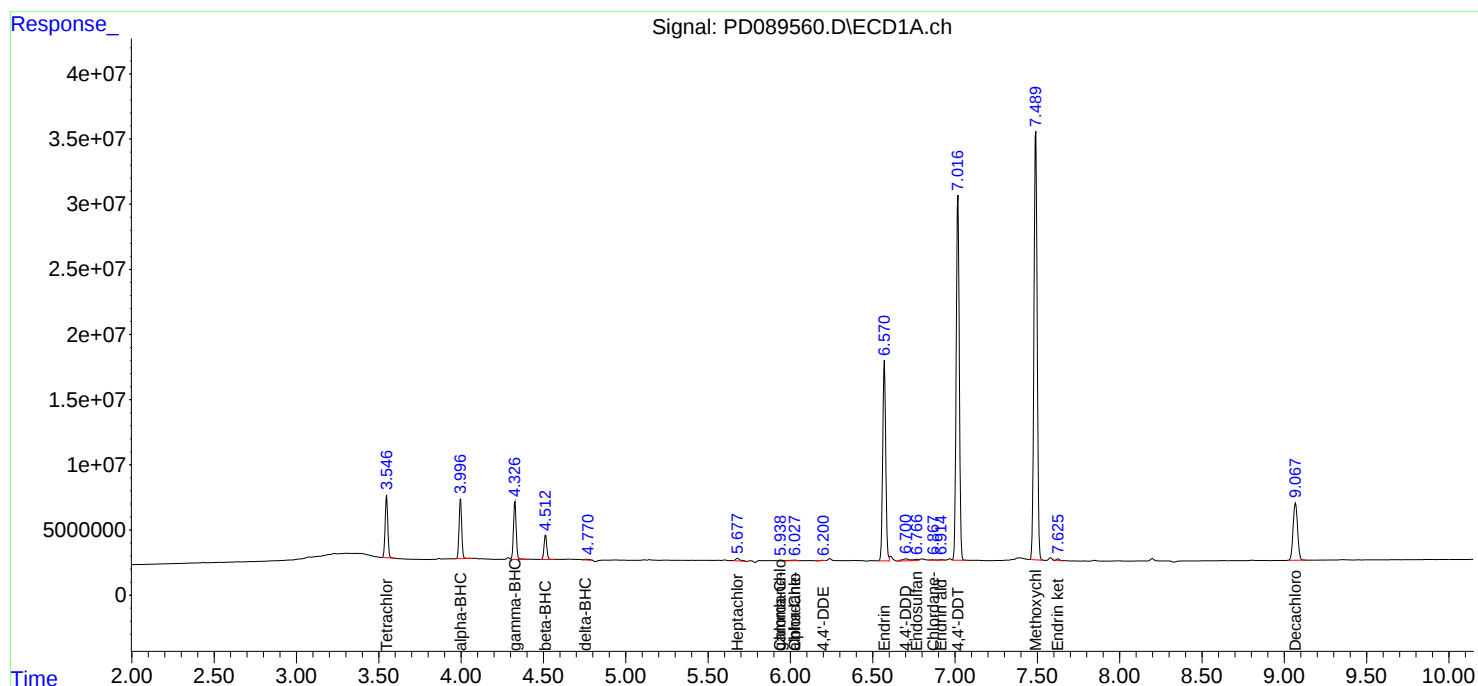
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

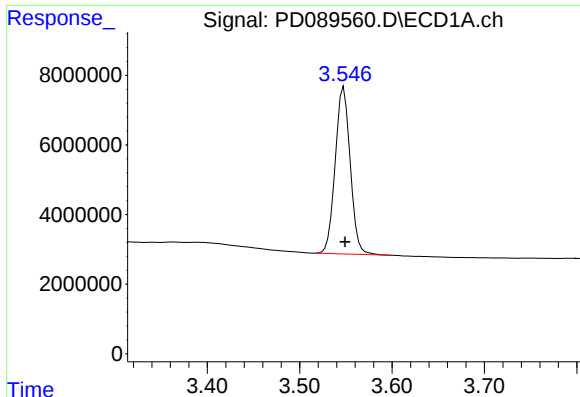
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072225\
Data File : PD089560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jul 2025 08:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 23 01:45:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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

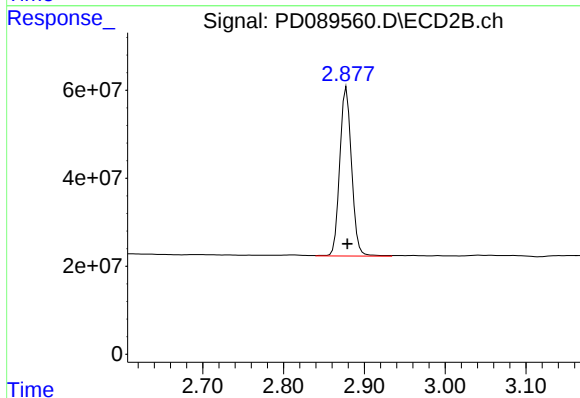




#1 Tetrachloro-m-xylene

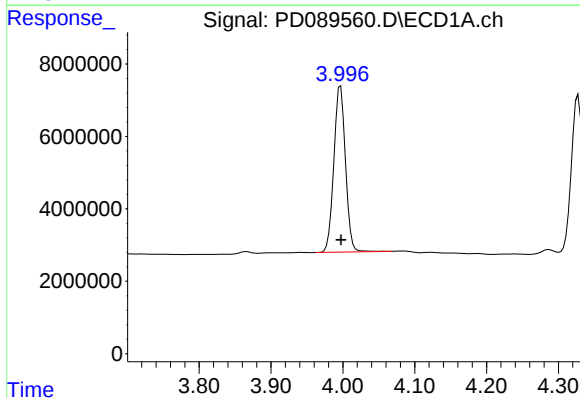
R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 54102817
Conc: 18.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



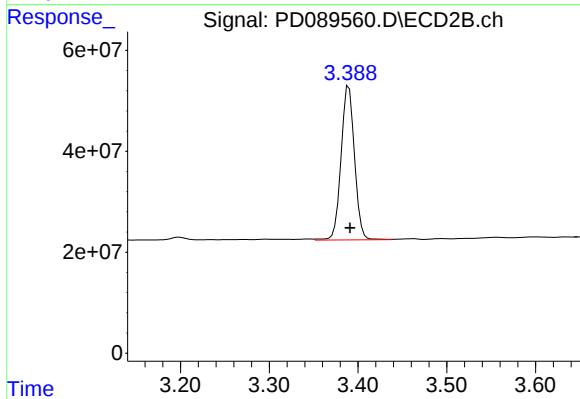
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: -0.001 min
Response: 388835913
Conc: 19.87 ng/ml



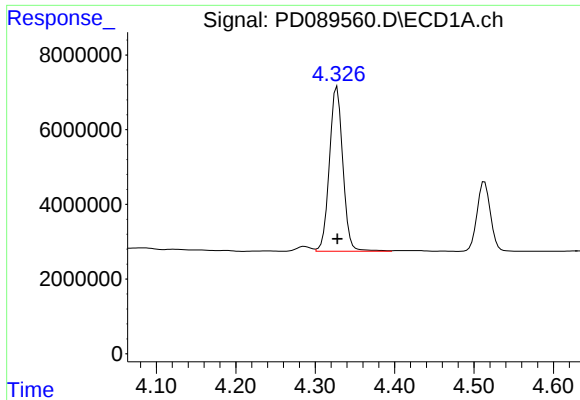
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 51466677
Conc: 9.01 ng/ml



#2 alpha-BHC

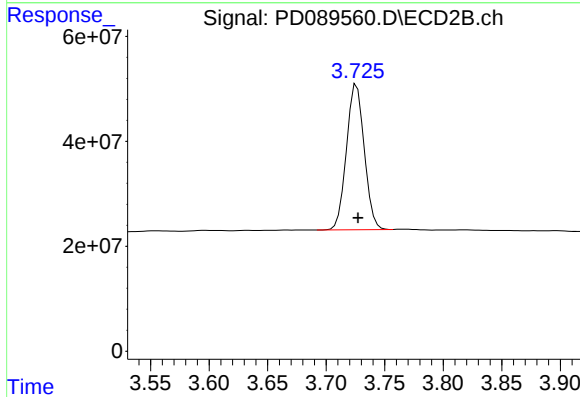
R.T.: 3.390 min
Delta R.T.: -0.001 min
Response: 320369265
Conc: 10.66 ng/ml



#3 gamma-BHC (Lindane)

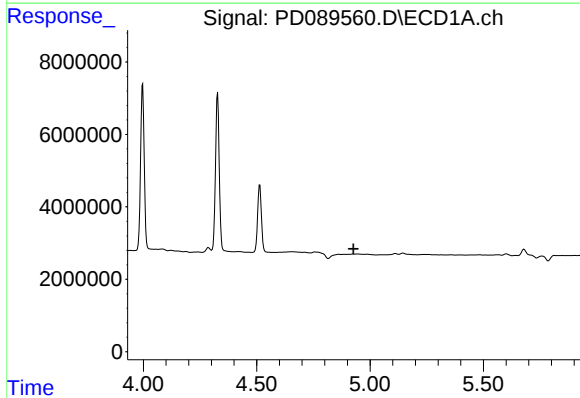
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 51867739
Conc: 9.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



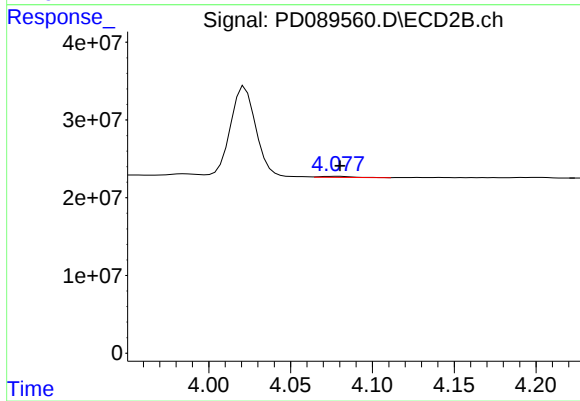
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.001 min
Response: 293783887
Conc: 10.58 ng/ml



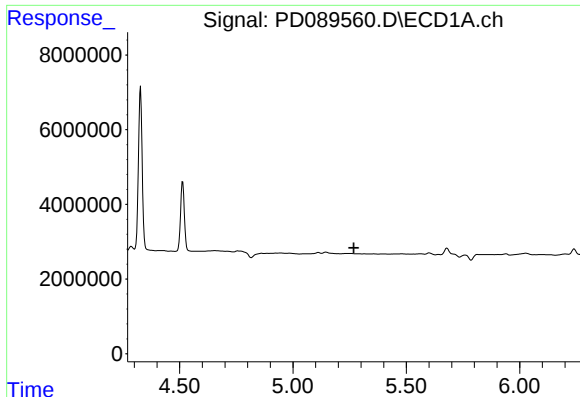
#4 Heptachlor

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



#4 Heptachlor

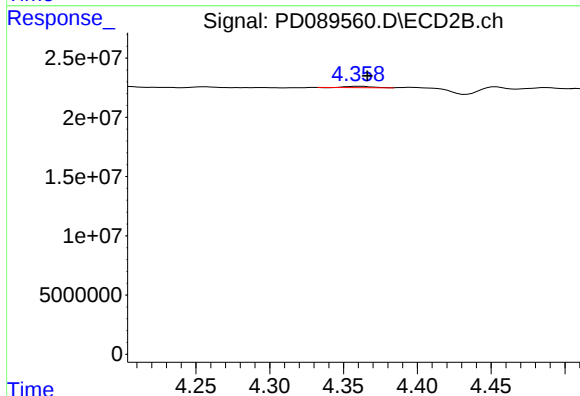
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 1714576
Conc: 0.06 ng/ml



#5 Aldrin

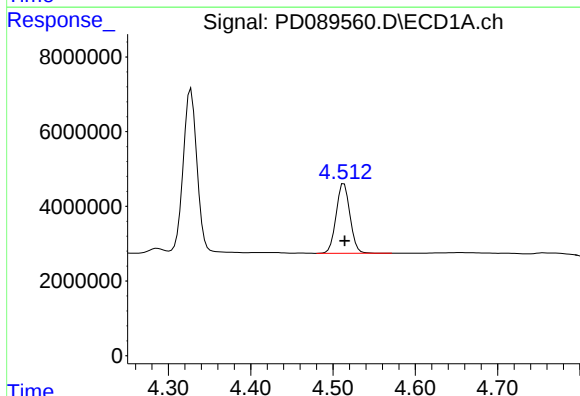
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



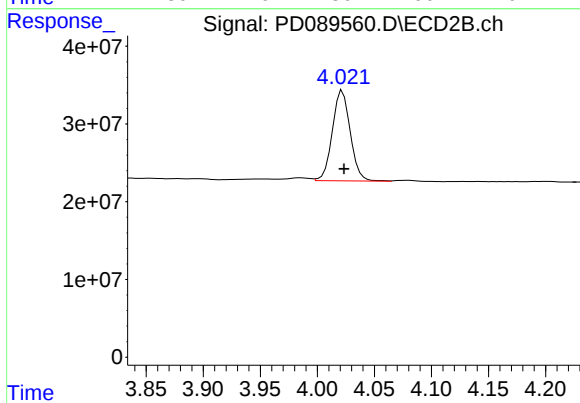
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.006 min
Response: 1297471
Conc: 0.05 ng/ml



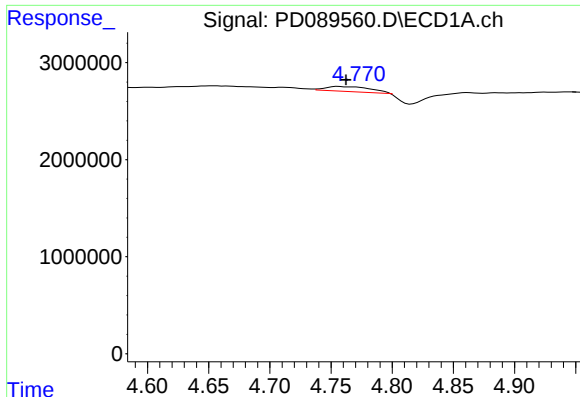
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 21704474
Conc: 10.07 ng/ml



#6 beta-BHC

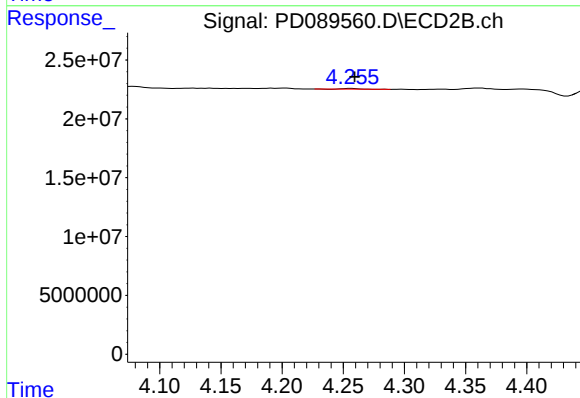
R.T.: 4.022 min
Delta R.T.: -0.001 min
Response: 127088749
Conc: 10.68 ng/ml



#7 delta-BHC

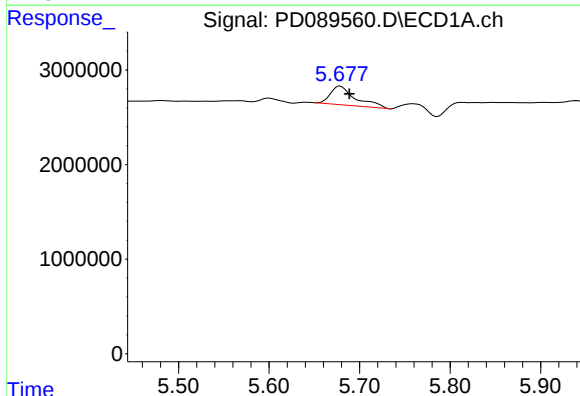
R.T.: 4.756 min
Delta R.T.: -0.007 min
Response: 1272844
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



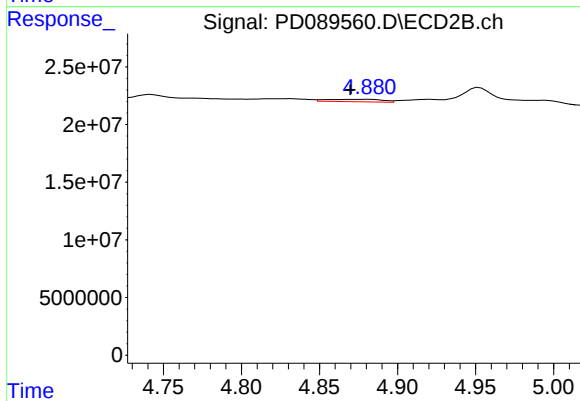
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.003 min
Response: 512775
Conc: 0.02 ng/ml



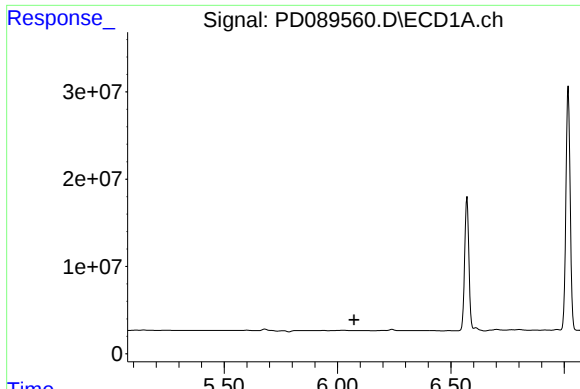
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 3828391
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

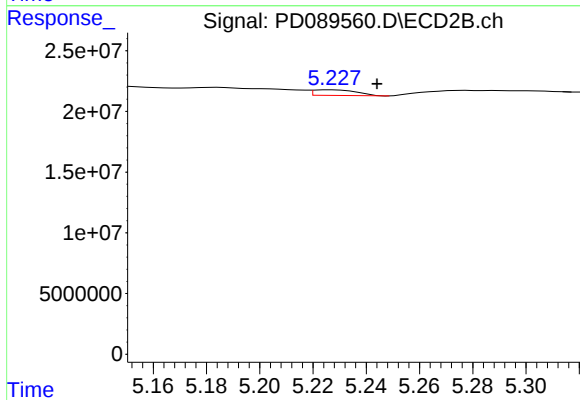
R.T.: 4.880 min
Delta R.T.: 0.011 min
Response: 5241332
Conc: 0.21 ng/ml



#9 Endosulfan I

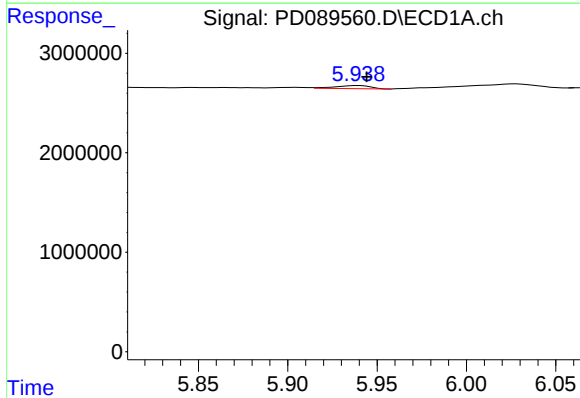
R.T.: 0.000 min
Exp R.T.: 6.073 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



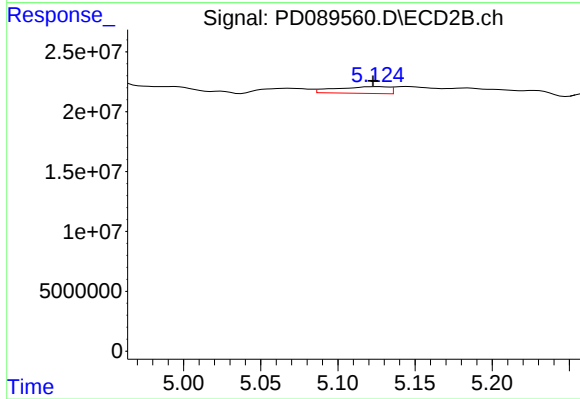
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.017 min
Response: 5272693
Conc: 0.22 ng/ml



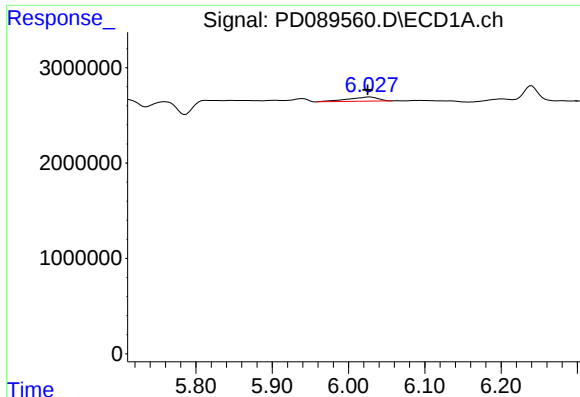
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 429120
Conc: 0.09 ng/ml



#10 gamma-Chlordane

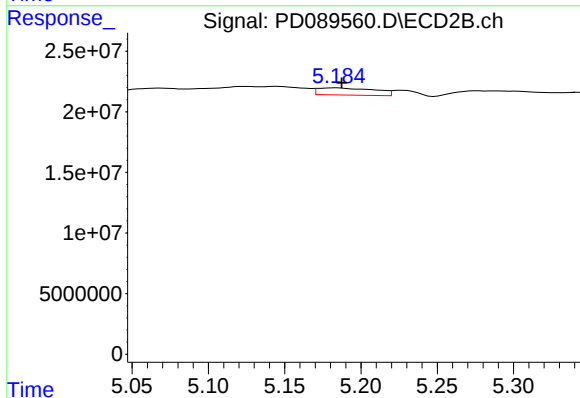
R.T.: 5.126 min
Delta R.T.: 0.003 min
Response: 13683539
Conc: 0.51 ng/ml



#11 alpha-Chlordane

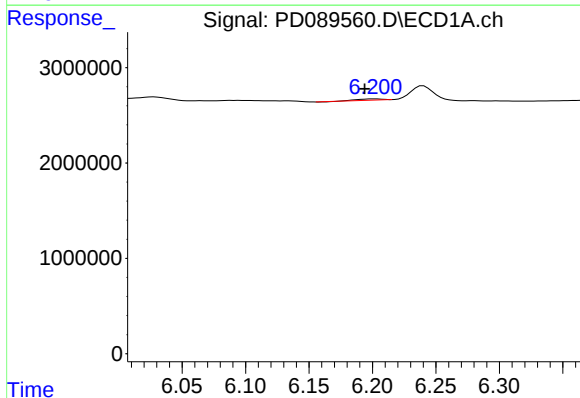
R.T.: 6.028 min
Delta R.T.: 0.003 min
Response: 1206955
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



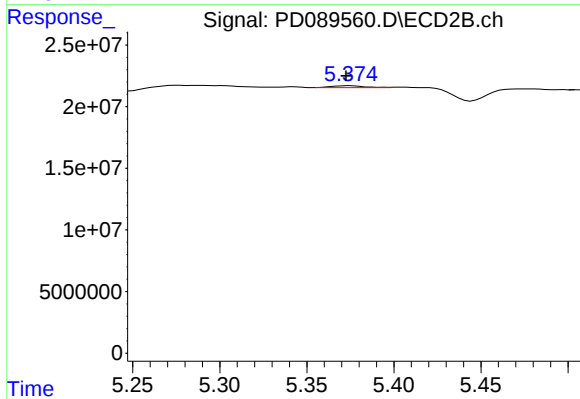
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.004 min
Response: 15199747
Conc: 0.59 ng/ml



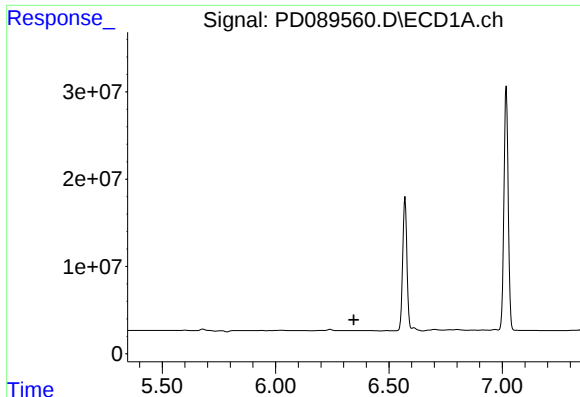
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.008 min
Response: 181588
Conc: 0.04 ng/ml



#12 4,4'-DDE

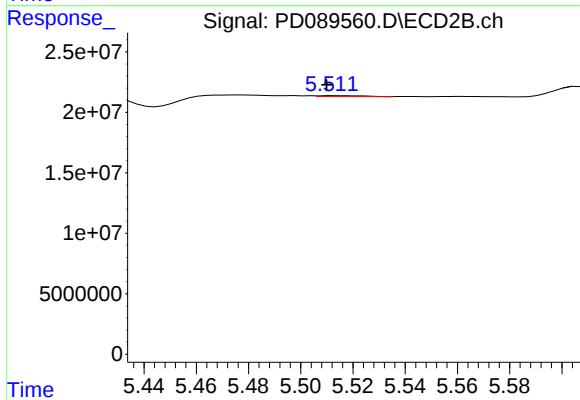
R.T.: 5.375 min
Delta R.T.: 0.003 min
Response: 2028126
Conc: 0.08 ng/ml



#13 Dieldrin

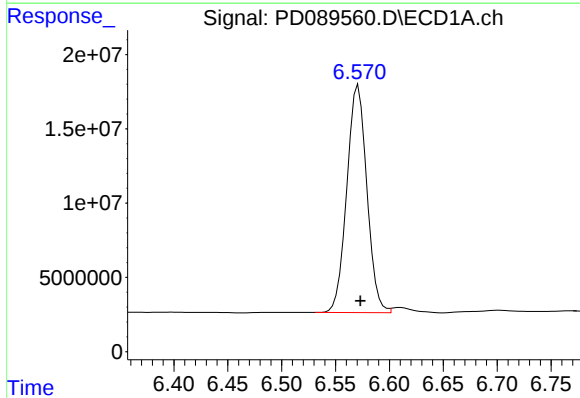
R.T.: 0.000 min
Exp R.T.: 6.345 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



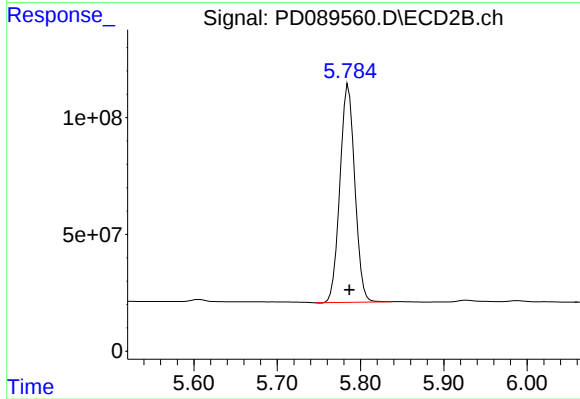
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: 0.003 min
Response: 850514
Conc: 0.03 ng/ml



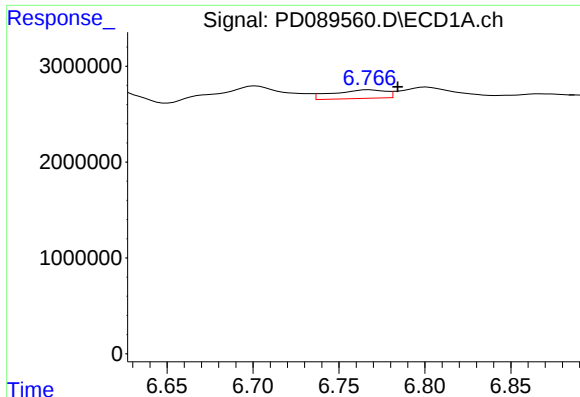
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 198453889
Conc: 48.73 ng/ml



#14 Endrin

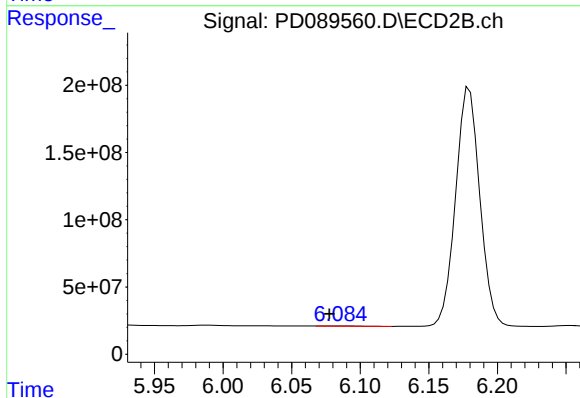
R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 1158839672
Conc: 47.92 ng/ml



#15 Endosulfan II

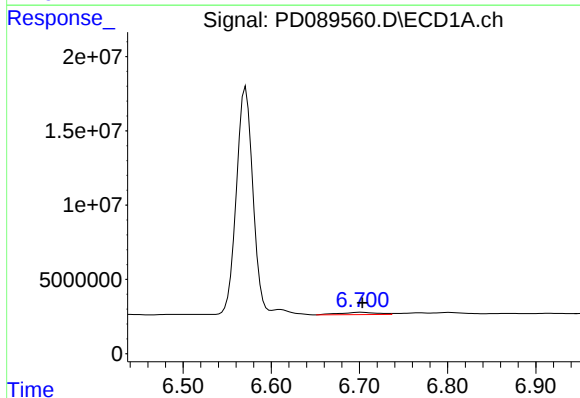
R.T.: 6.768 min
Delta R.T.: -0.017 min
Response: 1915034
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



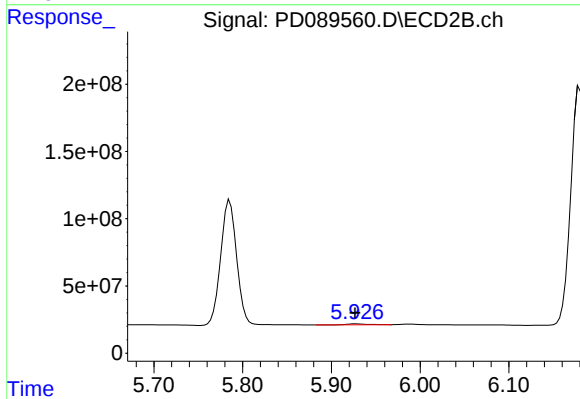
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: 0.006 min
Response: 3418576
Conc: 0.15 ng/ml



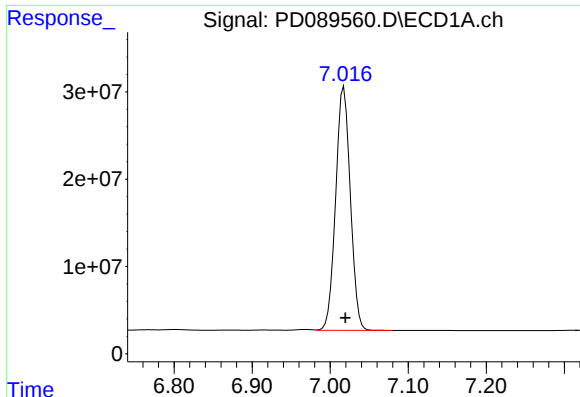
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: -0.002 min
Response: 4453105
Conc: 1.31 ng/ml



#16 4,4'-DDD

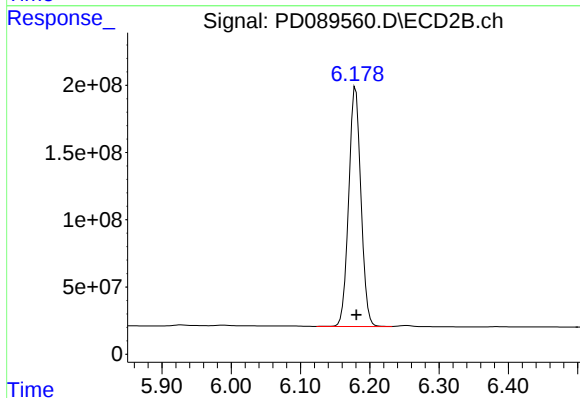
R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 10577338
Conc: 0.48 ng/ml



#17 4,4'-DDT

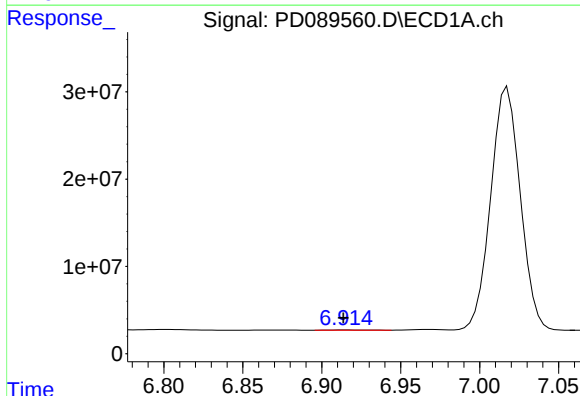
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 364535378
Conc: 96.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



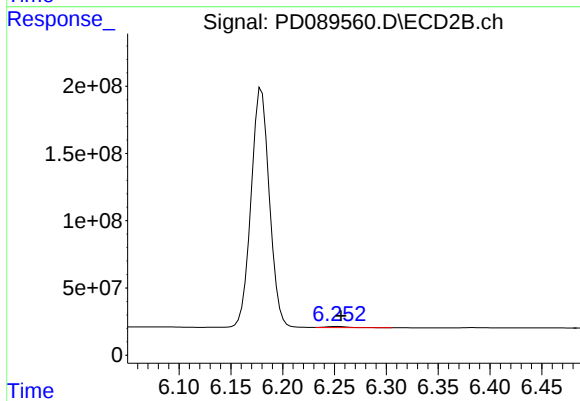
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 2185583996
Conc: 93.37 ng/ml



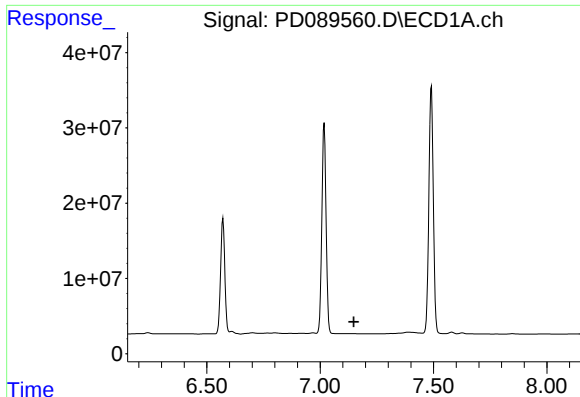
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.002 min
Response: 608331
Conc: 0.21 ng/ml



#18 Endrin aldehyde

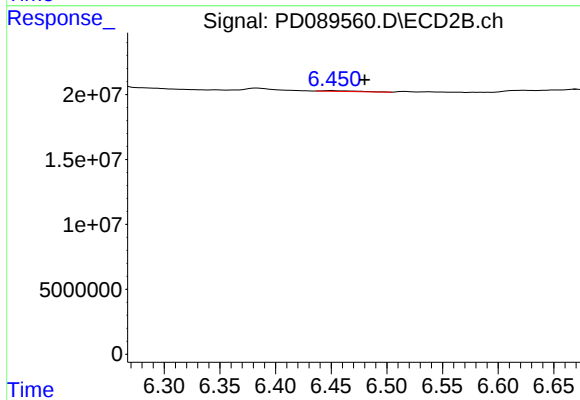
R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 11287104
Conc: 0.68 ng/ml



#19 Endosulfan Sulfate

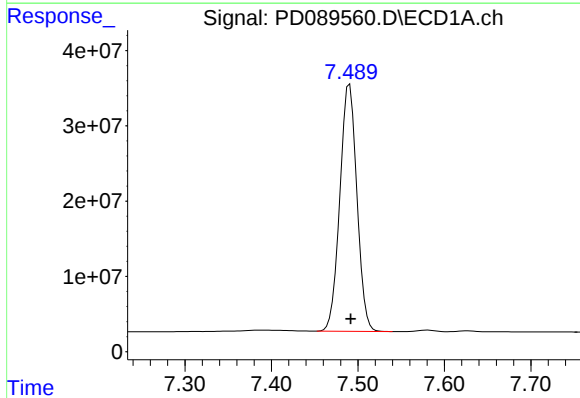
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



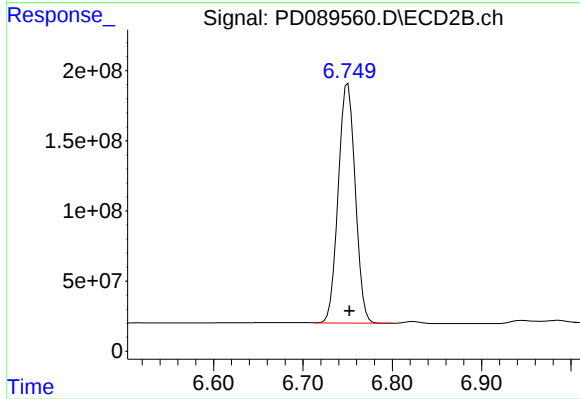
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.029 min
Response: 1225914
Conc: 0.06 ng/ml



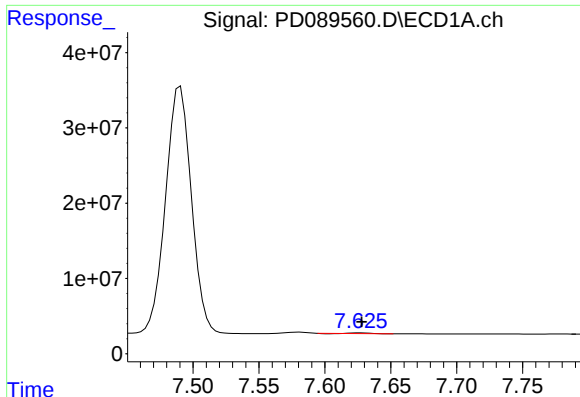
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.001 min
Response: 446921970
Conc: 222.92 ng/ml



#20 Methoxychlor

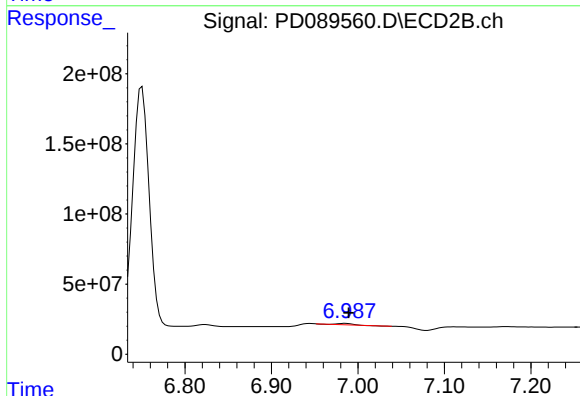
R.T.: 6.750 min
Delta R.T.: -0.002 min
Response: 2257610468
Conc: 185.17 ng/ml



#21 Endrin ketone

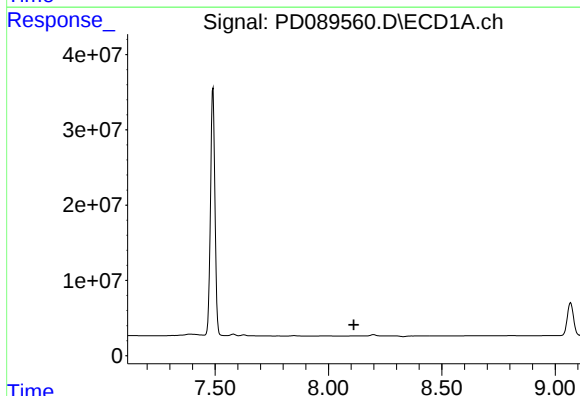
R.T.: 7.627 min
Delta R.T.: -0.001 min
Response: 1032030
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



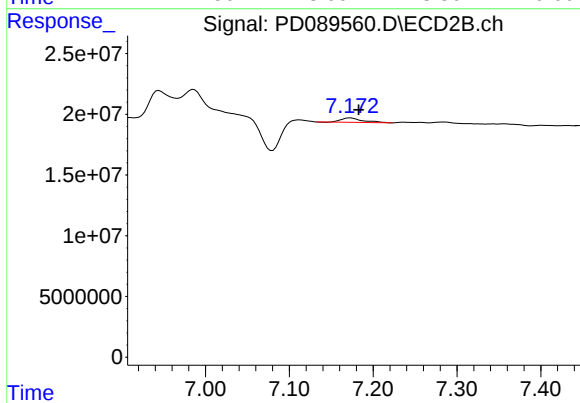
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 8514620
Conc: 0.35 ng/ml



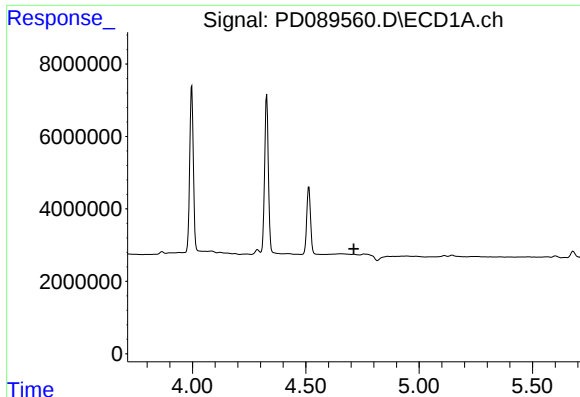
#22 Mirex

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



#22 Mirex

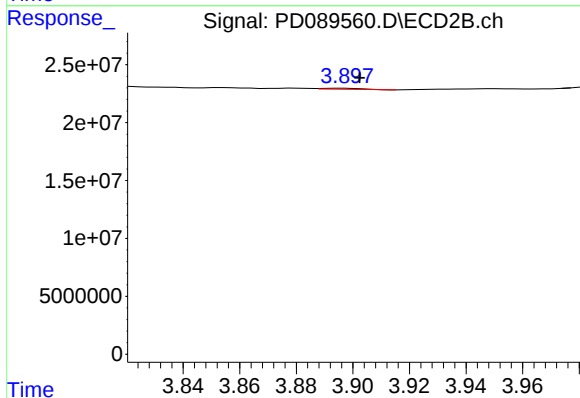
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 6188873
Conc: 0.32 ng/ml



#23 Chlordane-1

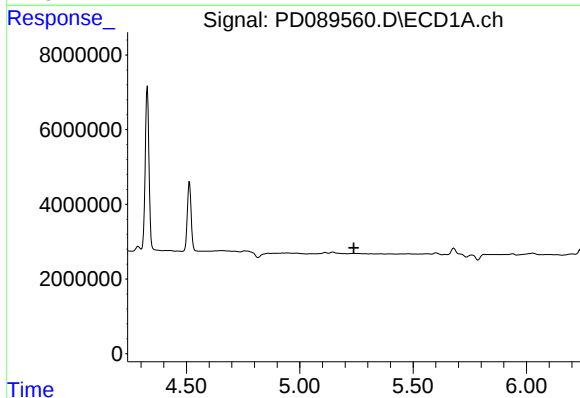
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



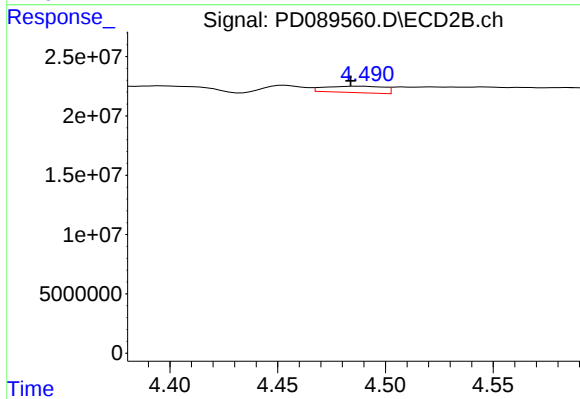
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.006 min
Response: 902619
Conc: 0.97 ng/ml



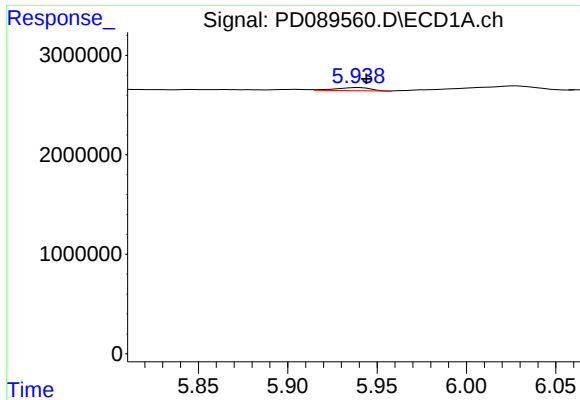
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.239 min
Response: 0
Conc: N.D.



#24 Chlordane-2

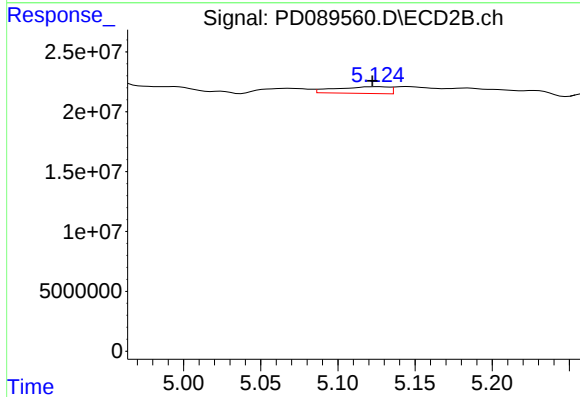
R.T.: 4.487 min
Delta R.T.: 0.003 min
Response: 10209810
Conc: 10.42 ng/ml



#25 Chlordane-3

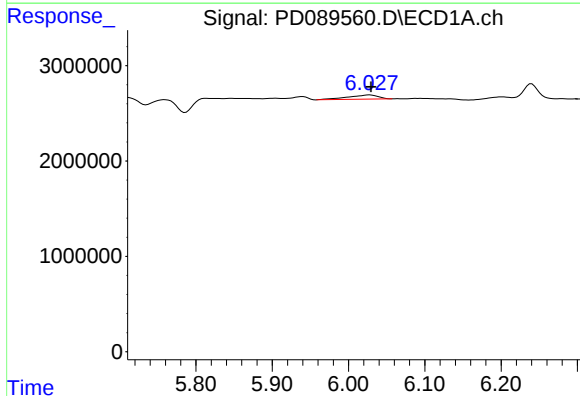
R.T.: 5.939 min
Delta R.T.: -0.005 min
Response: 429120
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



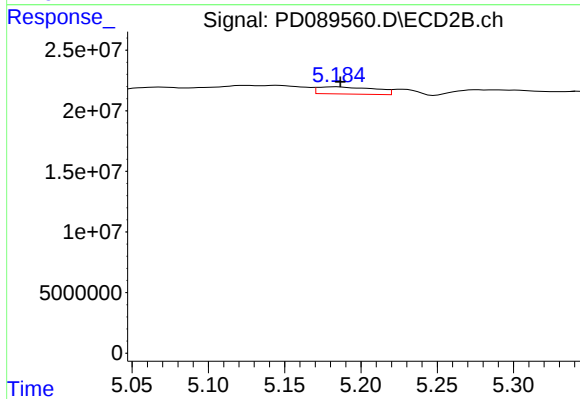
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.003 min
Response: 13683539
Conc: 4.74 ng/ml



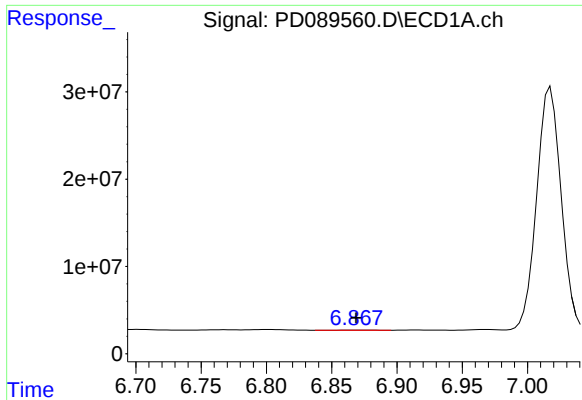
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 1206955
Conc: 1.27 ng/ml



#26 Chlordane-4

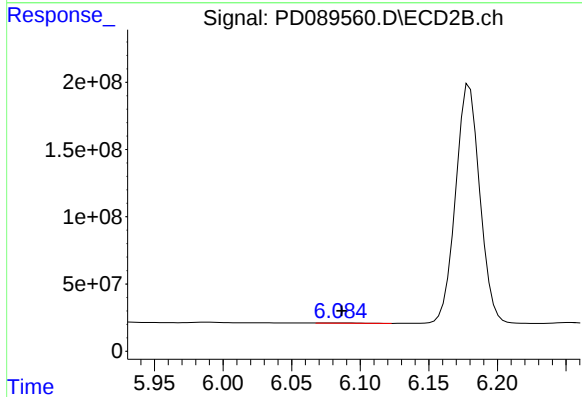
R.T.: 5.184 min
Delta R.T.: -0.003 min
Response: 15199747
Conc: 6.30 ng/ml



#27 Chlordane-5

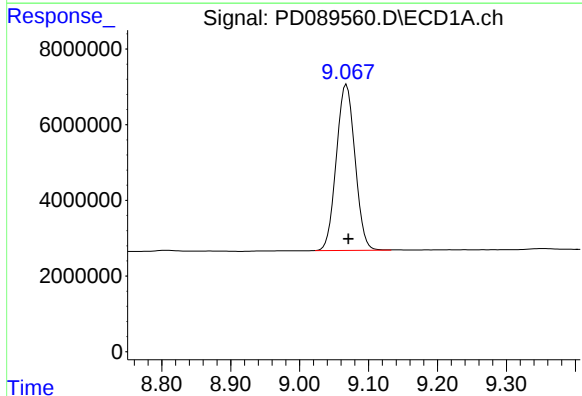
R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 309951
Conc: 1.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



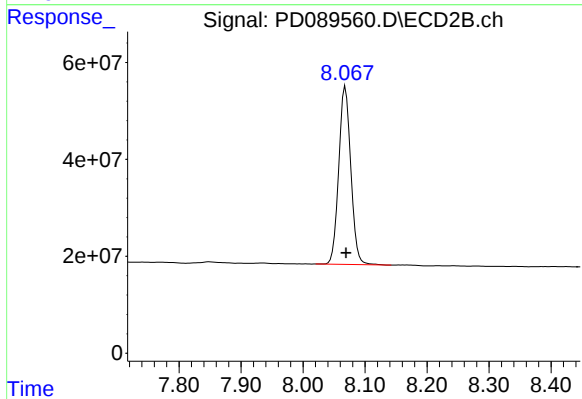
#27 Chlordane-5

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 3418576
Conc: 2.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 82610667
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.001 min
Response: 498913247
Conc: 20.31 ng/ml