

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
 Data File : PD090981.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2025 09:34
 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: Nov 07 00:23:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	69422655	686.0E6	22.293	23.039
28)	SA Decachlor...	9.062	8.059	101.3E6	716.3E6	21.664	23.648
Target Compounds							
2)	A alpha-BHC	3.993	3.385	68137532	573.2E6	9.494	11.219
3)	MA gamma-BHC...	4.324	3.721	66090389	533.8E6	9.721	11.298
4)	MA Heptachlor	4.941f	4.077	1018368	2164114	0.182	0.049 #
5)	MB Aldrin	0.000	4.361	0	3461341	N.D.	0.075 #
6)	B beta-BHC	4.511	4.017	28185269	226.9E6	10.759	11.444
7)	B delta-BHC	4.770	4.252	2097036	1613265	0.310	0.034 #
8)	B Heptachlo...	5.673	4.837f	237194	1168562	0.041	0.027 #
9)	A Endosulfan I	6.085f	5.224	118965	1649182	0.021	0.042 #
10)	B gamma-Chl...	0.000	5.116	0	2046068	N.D.	0.046 #
11)	B alpha-Chl...	5.994f	5.194	5232178	1779109	0.847	0.041 #
12)	B 4,4'-DDE	6.188	5.365	715816	8371403	0.134	0.191 #
13)	MA Dieldrin	6.361f	5.502	253903	458045	0.044	0.010 #
14)	MA Endrin	6.567	5.779	255.7E6	2065.6E6	51.622	51.010
15)	B Endosulfa...	6.770	6.075	550468	7408296	0.110	0.197 #
16)	A 4,4'-DDD	6.699	5.919	11291166	117.2E6	2.785	3.217
17)	MA 4,4'-DDT	7.015	6.172	455.7E6	3808.0E6	110.868	108.572
18)	B Endrin al...	6.910	6.247	2318046	33760242	0.633	1.219 #
19)	B Endosulfa...	0.000	6.482	0	1270205	N.D.	0.035 #
20)	A Methoxychlor	7.488	6.742	558.3E6	3916.5E6	262.654	224.728
21)	B Endrin ke...	7.623	6.980	7062071	57358561	1.453	1.521
22)	Mirex	0.000	7.165	0	11686636	N.D.	0.455 #
24)	Chlordane-2	0.000	4.489	0	2346035	N.D.	1.798 #
25)	Chlordane-3	0.000	5.116	0	2046068	N.D.	0.526 #
26)	Chlordane-4	0.000	5.194	0	1779109	N.D.	0.532 #
27)	Chlordane-5	0.000	6.075	0	7408296	N.D.	5.019 #

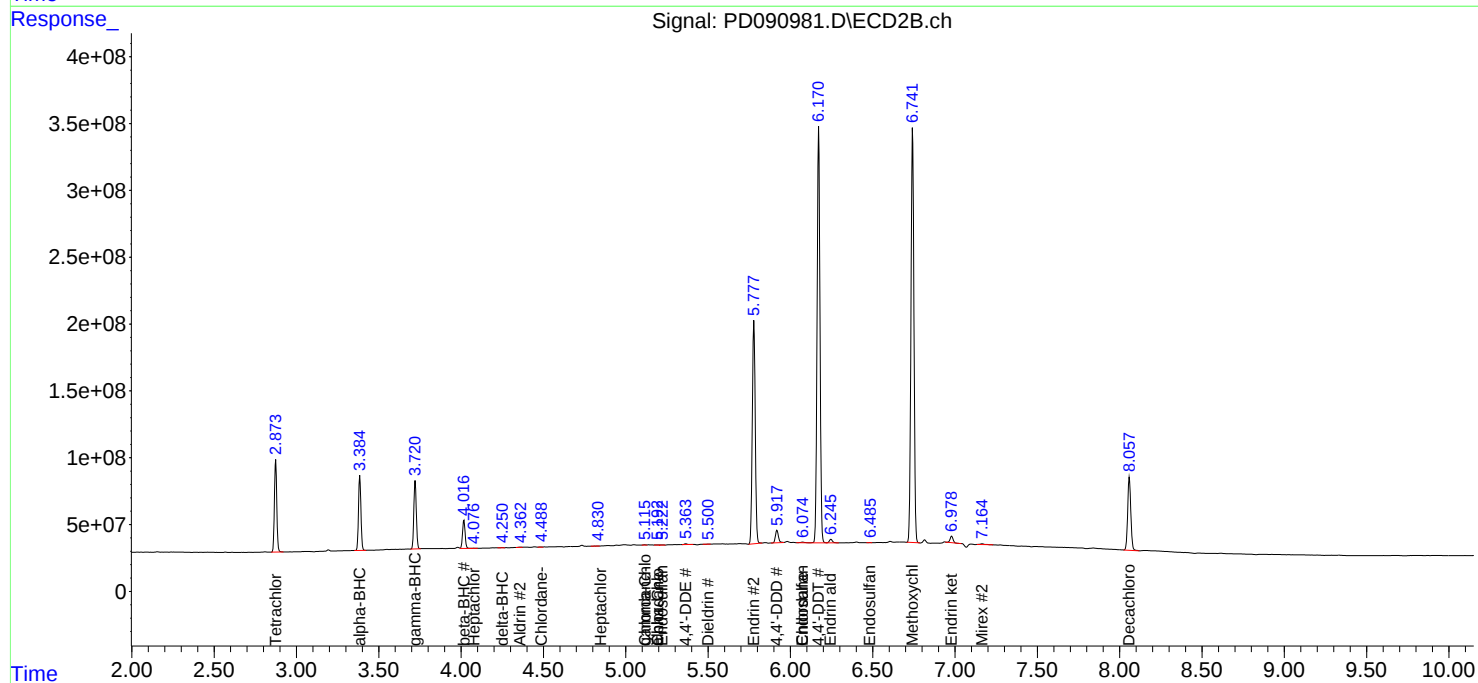
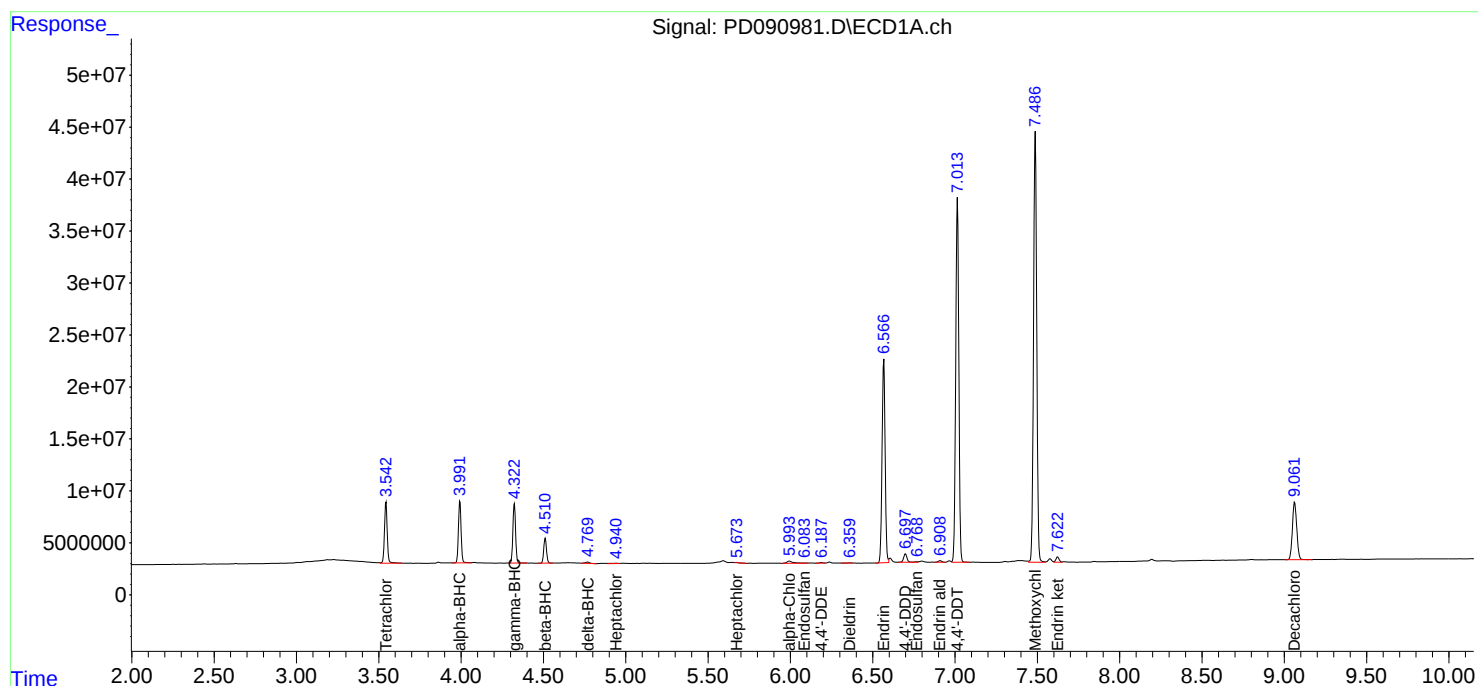
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

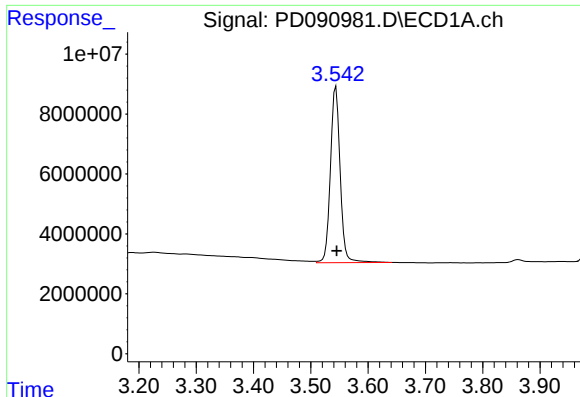
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110625\
Data File : PD090981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2025 09:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 00:23:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

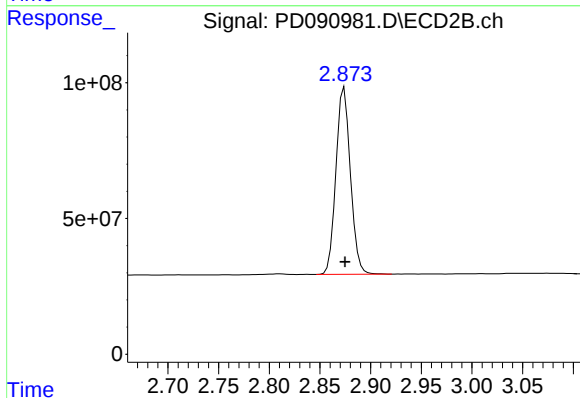




#1 Tetrachloro-m-xylene

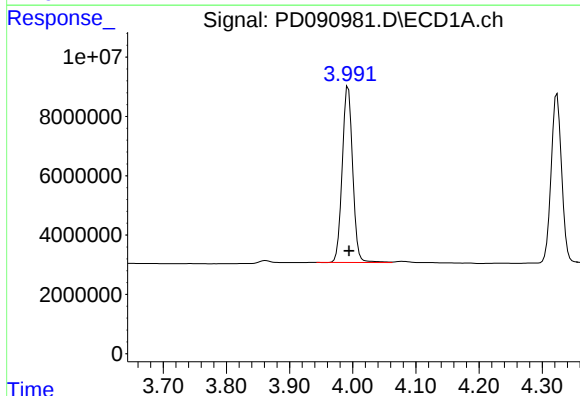
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 69422655
Conc: 22.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



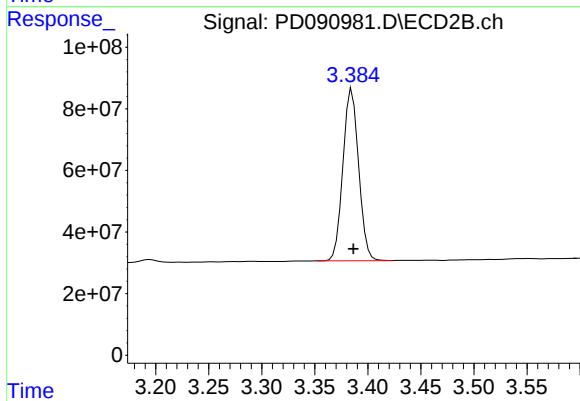
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 686048197
Conc: 23.04 ng/ml



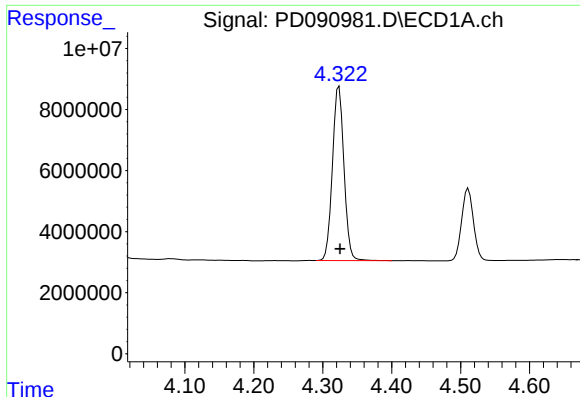
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 68137532
Conc: 9.49 ng/ml



#2 alpha-BHC

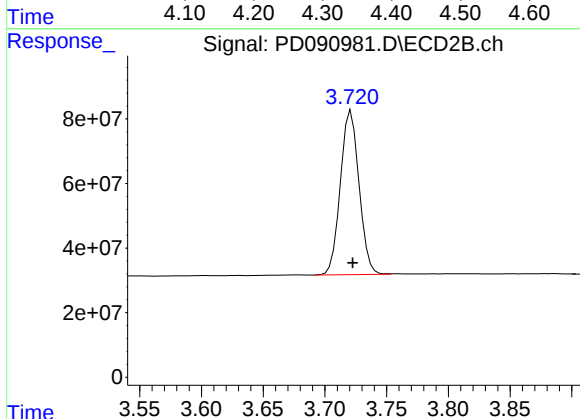
R.T.: 3.385 min
Delta R.T.: -0.001 min
Response: 573248201
Conc: 11.22 ng/ml



#3 gamma-BHC (Lindane)

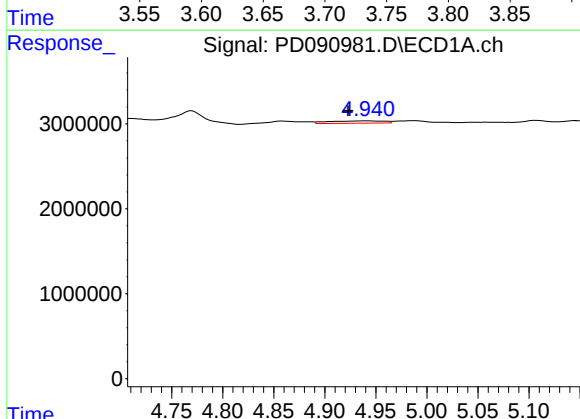
R.T.: 4.324 min
Delta R.T.: -0.001 min
Response: 66090389
Conc: 9.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



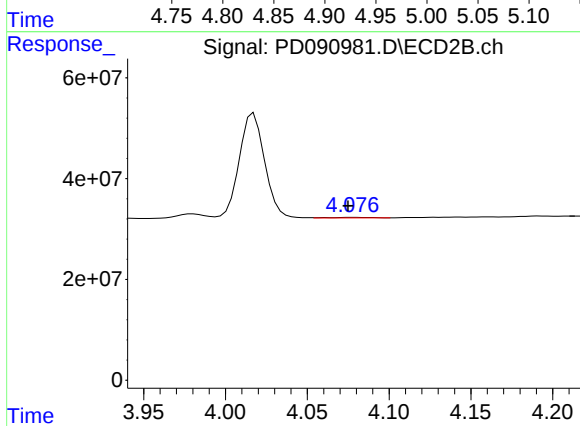
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 533805903
Conc: 11.30 ng/ml



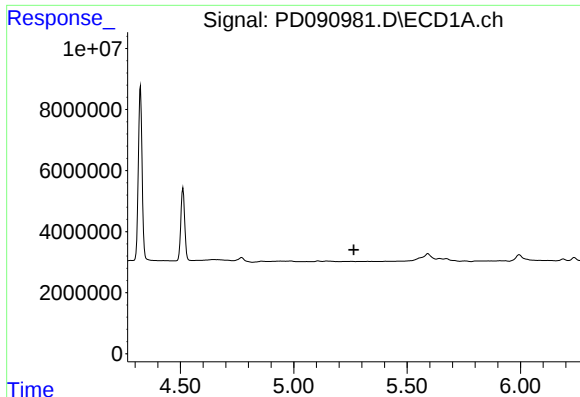
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.019 min
Response: 1018368
Conc: 0.18 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: 0.002 min
Response: 2164114
Conc: 0.05 ng/ml



#5 Aldrin

R.T.: 0.000 min

Exp R.T.: 5.264 min

Response: 0

Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

R.T.: 4.361 min

Delta R.T.: 0.000 min

Response: 3461341

Conc: 0.07 ng/ml

#6 beta-BHC

R.T.: 4.511 min

Delta R.T.: 0.000 min

Response: 28185269

Conc: 10.76 ng/ml

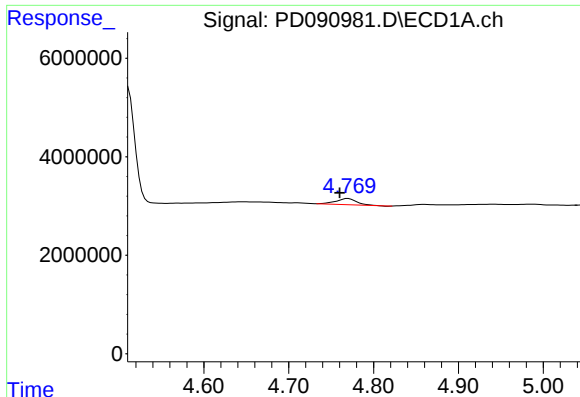
#6 beta-BHC

R.T.: 4.017 min

Delta R.T.: -0.001 min

Response: 226935980

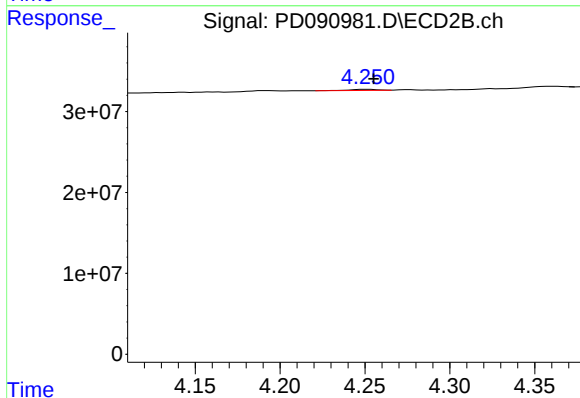
Conc: 11.44 ng/ml



#7 delta-BHC

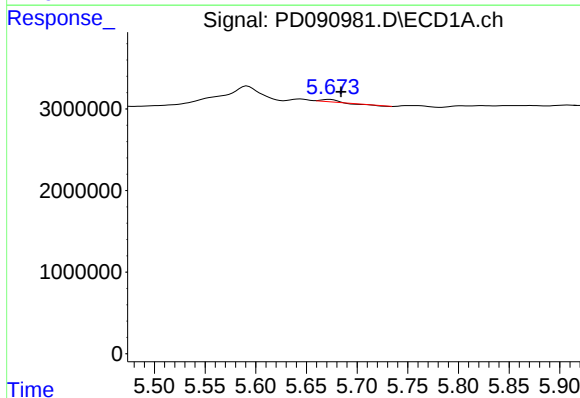
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 2097036
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



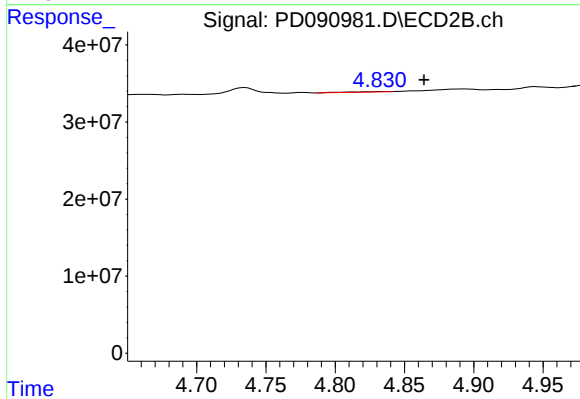
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 1613265
Conc: 0.03 ng/ml



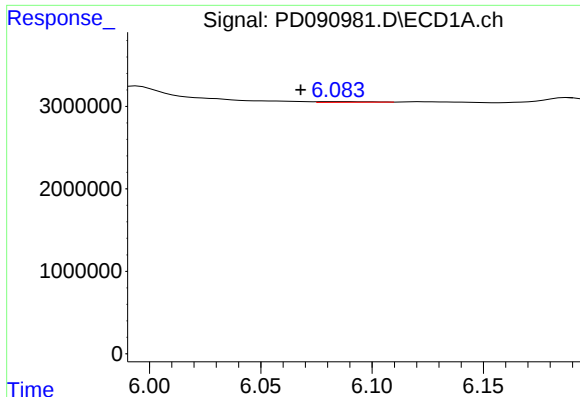
#8 Heptachlor epoxide

R.T.: 5.673 min
Delta R.T.: -0.011 min
Response: 237194
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

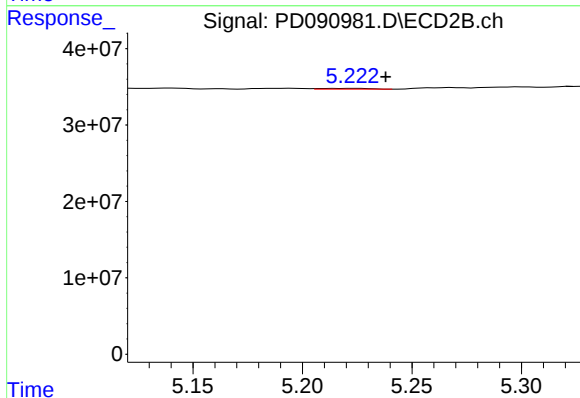
R.T.: 4.837 min
Delta R.T.: -0.027 min
Response: 1168562
Conc: 0.03 ng/ml



#9 Endosulfan I

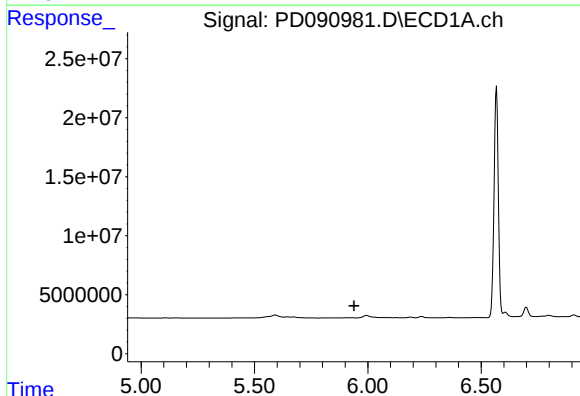
R.T.: 6.085 min
Delta R.T.: 0.017 min
Response: 118965
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



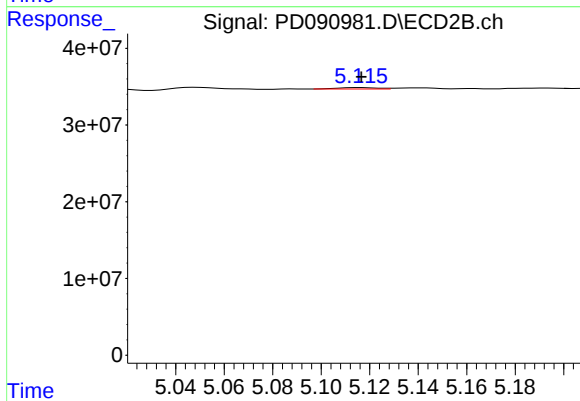
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.014 min
Response: 1649182
Conc: 0.04 ng/ml



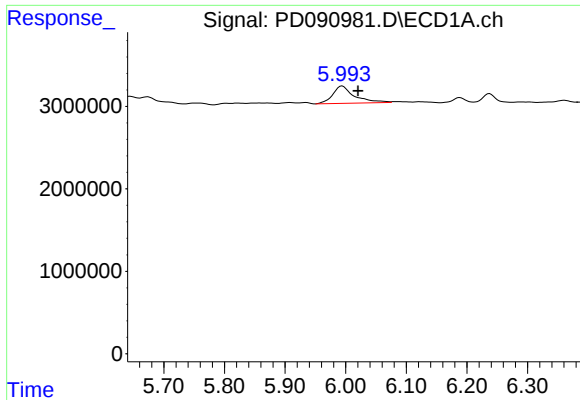
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.940 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

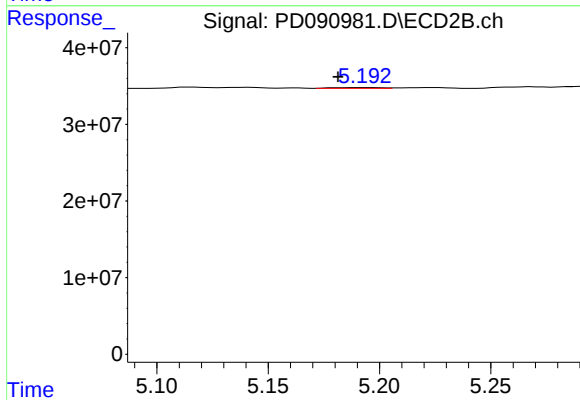
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2046068
Conc: 0.05 ng/ml



#11 alpha-Chlordane

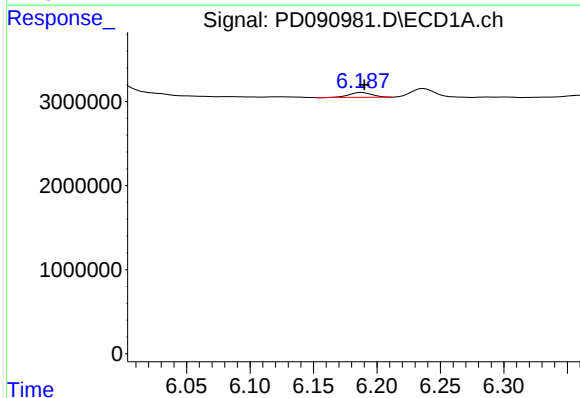
R.T.: 5.994 min
Delta R.T.: -0.026 min
Response: 5232178
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



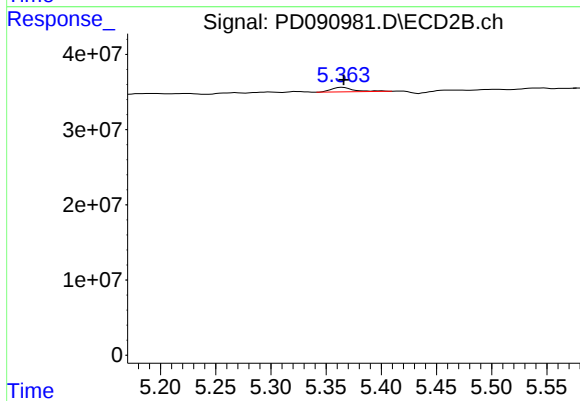
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1779109
Conc: 0.04 ng/ml



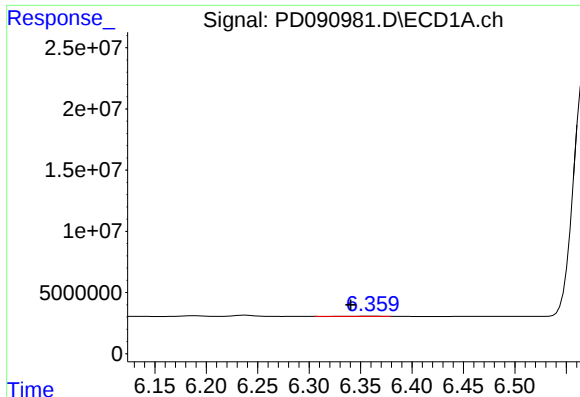
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 715816
Conc: 0.13 ng/ml



#12 4,4'-DDE

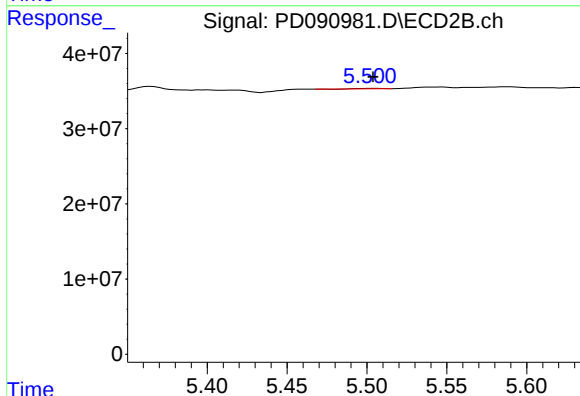
R.T.: 5.365 min
Delta R.T.: -0.001 min
Response: 8371403
Conc: 0.19 ng/ml



#13 Dieldrin

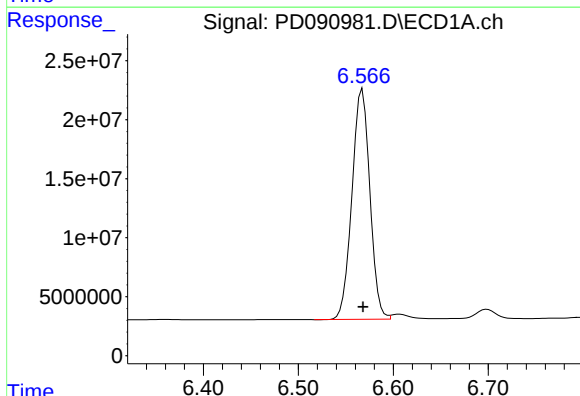
R.T.: 6.361 min
Delta R.T.: 0.020 min
Response: 253903
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



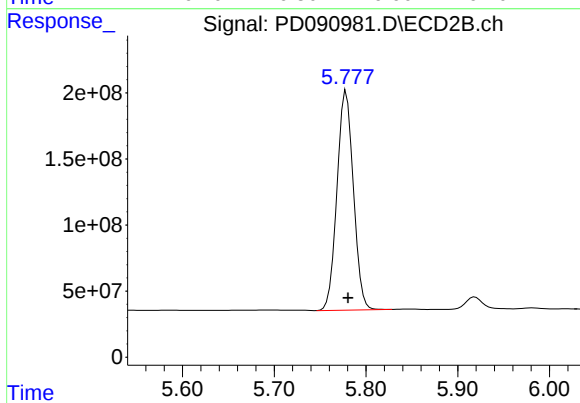
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 458045
Conc: 0.01 ng/ml



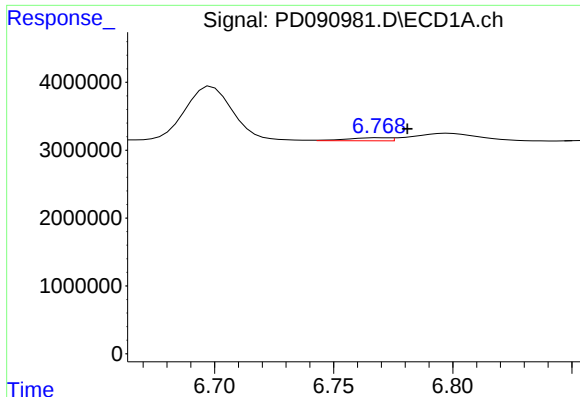
#14 Endrin

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 255719246
Conc: 51.62 ng/ml



#14 Endrin

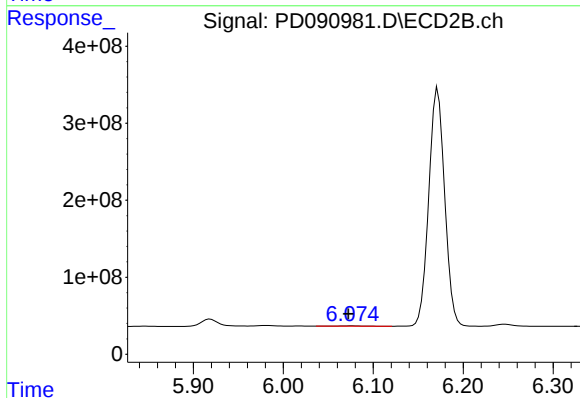
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2065595053
Conc: 51.01 ng/ml



#15 Endosulfan II

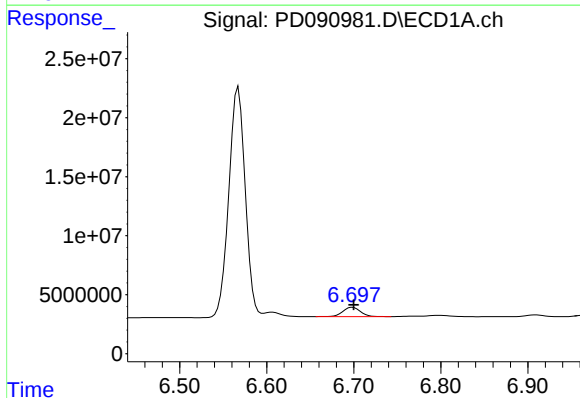
R.T.: 6.770 min
Delta R.T.: -0.011 min
Response: 550468
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



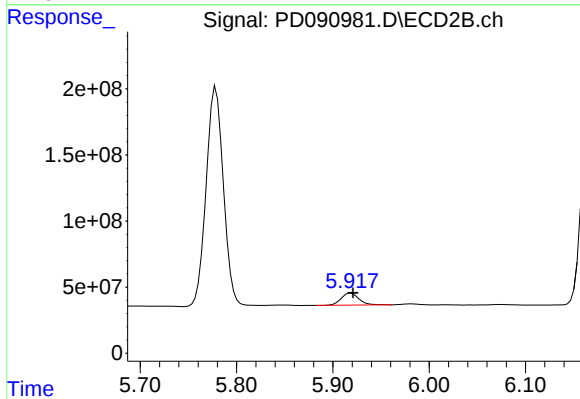
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 7408296
Conc: 0.20 ng/ml



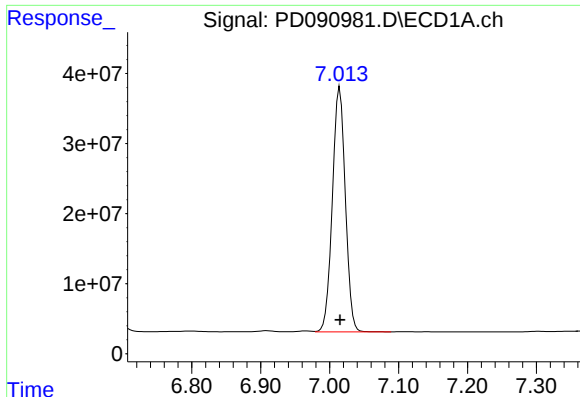
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.001 min
Response: 11291166
Conc: 2.79 ng/ml



#16 4,4'-DDD

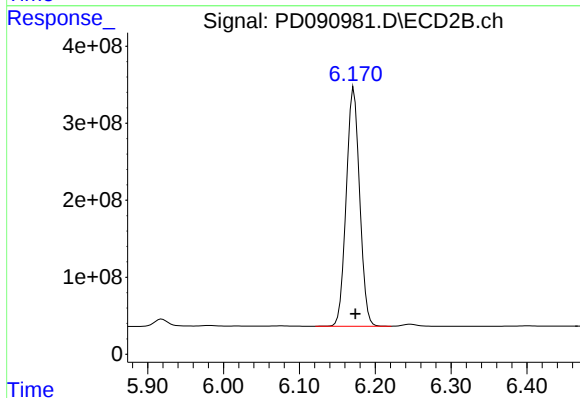
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 117210335
Conc: 3.22 ng/ml



#17 4,4'-DDT

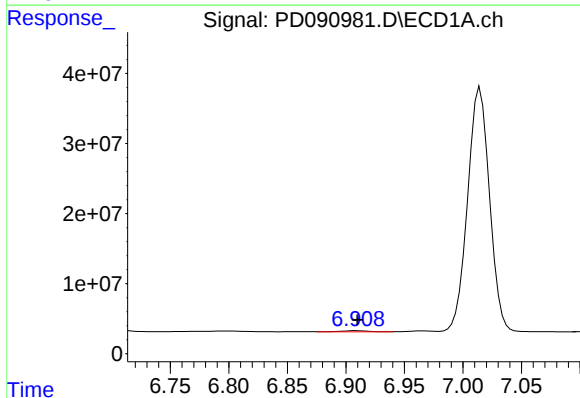
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 455720111
Conc: 110.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



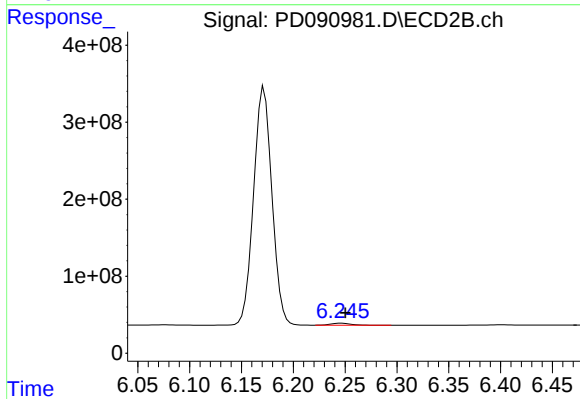
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3807972077
Conc: 108.57 ng/ml



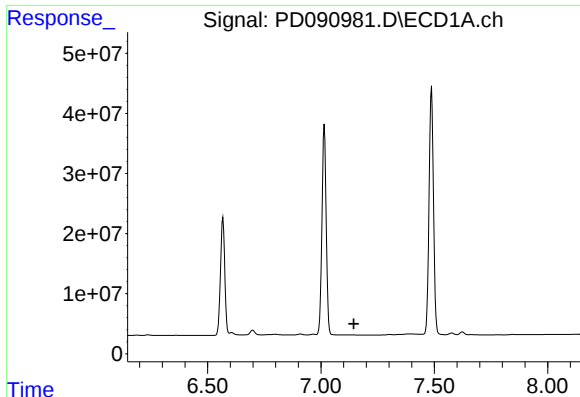
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 2318046
Conc: 0.63 ng/ml



#18 Endrin aldehyde

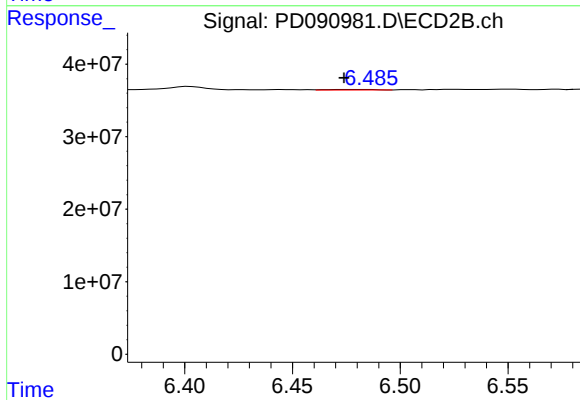
R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 33760242
Conc: 1.22 ng/ml



#19 Endosulfan Sulfate

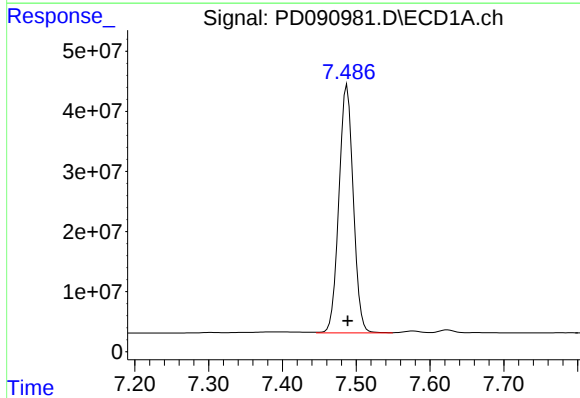
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



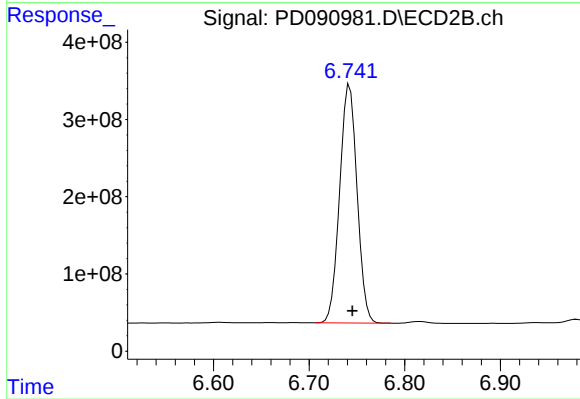
#19 Endosulfan Sulfate

R.T.: 6.482 min
Delta R.T.: 0.008 min
Response: 1270205
Conc: 0.04 ng/ml



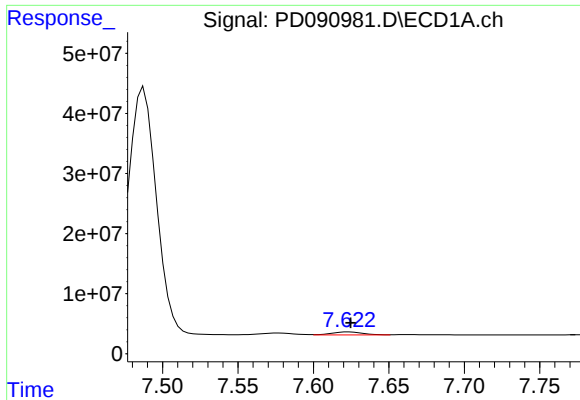
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 558293804
Conc: 262.65 ng/ml



#20 Methoxychlor

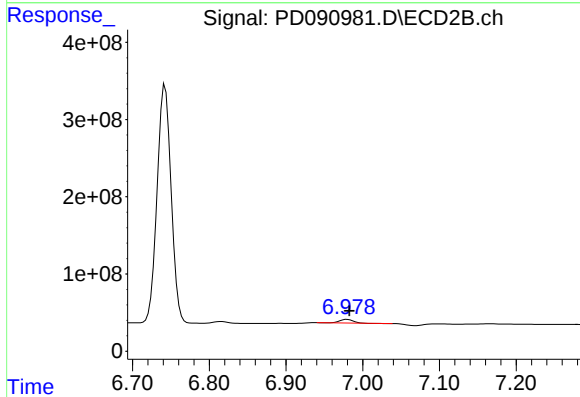
R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 3916520400
Conc: 224.73 ng/ml



#21 Endrin ketone

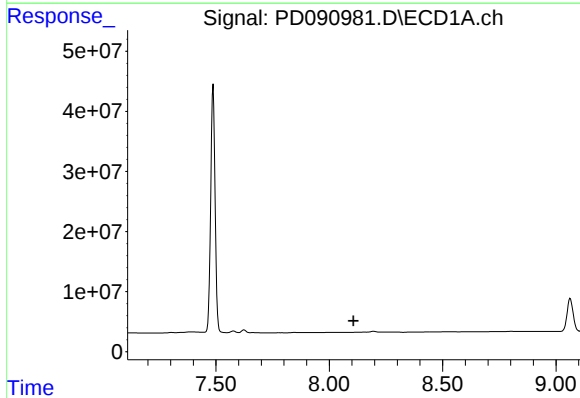
R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 7062071
Conc: 1.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



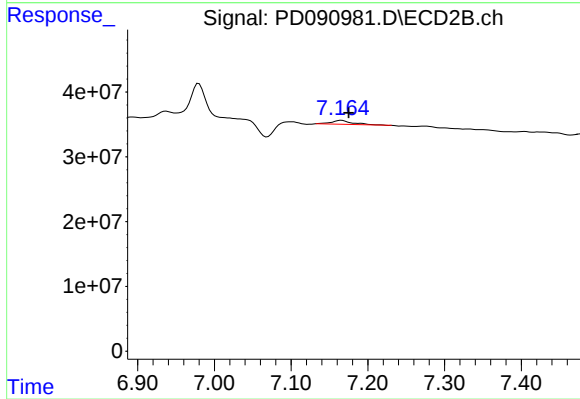
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.003 min
Response: 57358561
Conc: 1.52 ng/ml



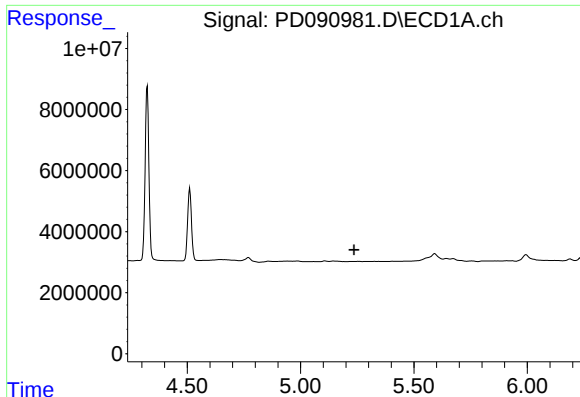
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

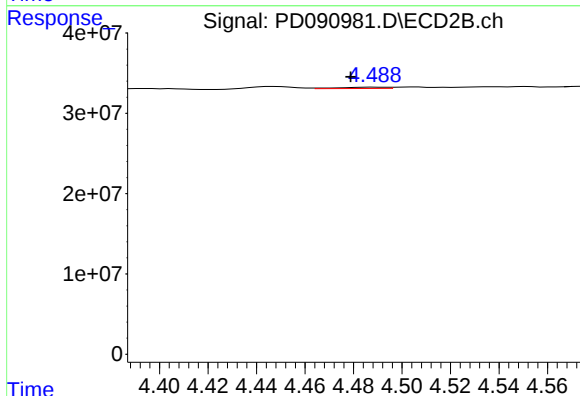
R.T.: 7.165 min
Delta R.T.: -0.010 min
Response: 11686636
Conc: 0.45 ng/ml



#24 Chlordane-2

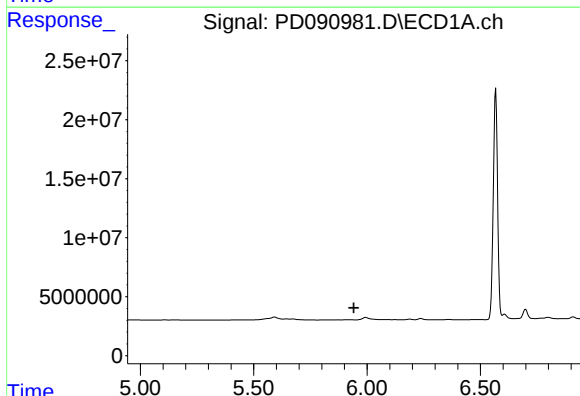
R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



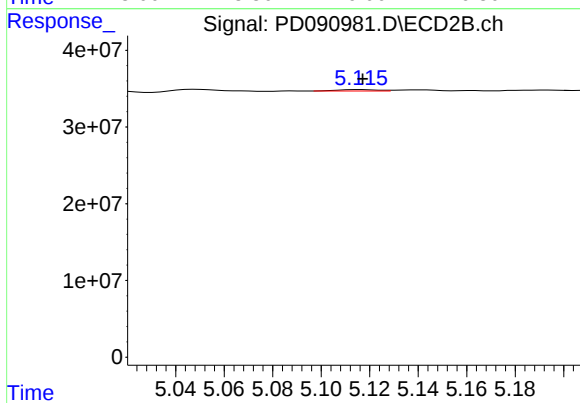
#24 Chlordane-2

R.T.: 4.489 min
Delta R.T.: 0.010 min
Response: 2346035
Conc: 1.80 ng/ml



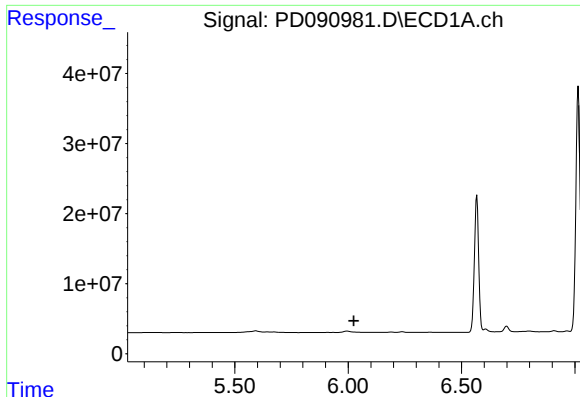
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.



#25 Chlordane-3

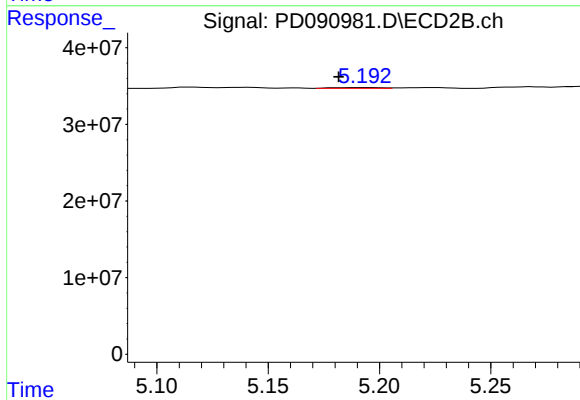
R.T.: 5.116 min
Delta R.T.: -0.001 min
Response: 2046068
Conc: 0.53 ng/ml



#26 Chlordane-4

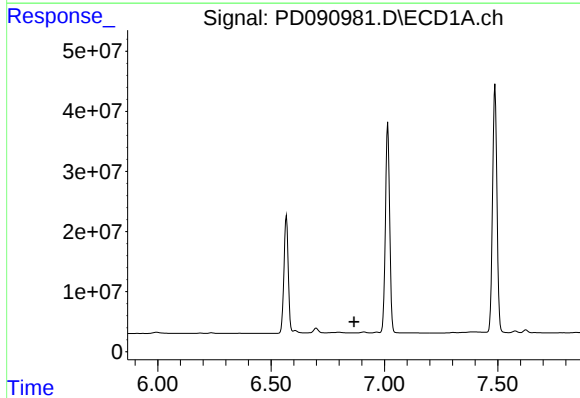
R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



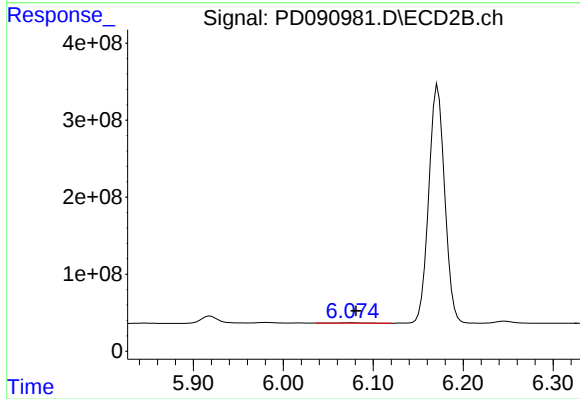
#26 Chlordane-4

R.T.: 5.194 min
Delta R.T.: 0.012 min
Response: 1779109
Conc: 0.53 ng/ml



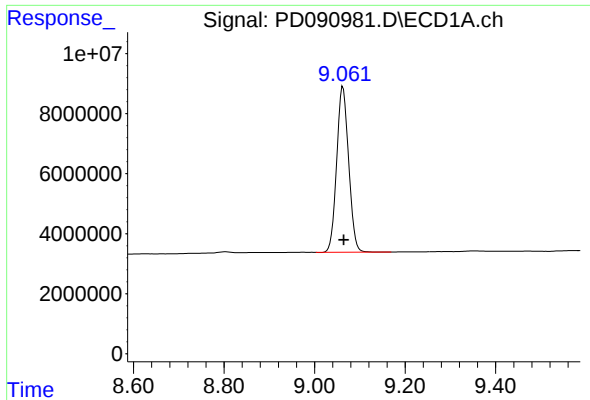
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.866 min
Response: 0
Conc: N.D.



#27 Chlordane-5

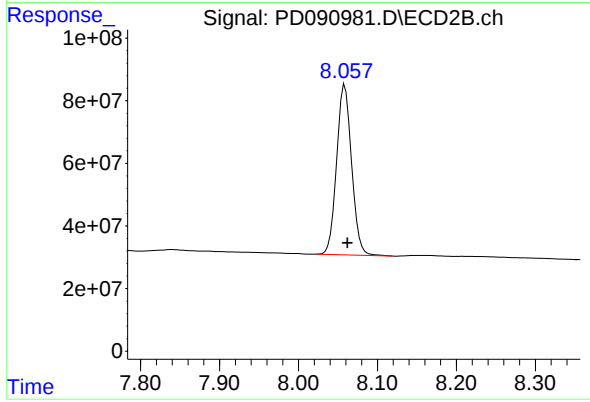
R.T.: 6.075 min
Delta R.T.: -0.006 min
Response: 7408296
Conc: 5.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 101343471
Conc: 21.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.003 min
Response: 716317025
Conc: 23.65 ng/ml