

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
 Data File : PD090028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 11:51
 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 27 04:58:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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	2.877	52434920	398.3E6	17.866	18.062
28)	SA Decachlor...	9.070	8.065	80923073	473.5E6	18.750	18.292
Target Compounds							
2)	A alpha-BHC	3.998	3.389	50501466	333.1E6	8.414	9.816
3)	MA gamma-BHC...	4.329	3.725	50462748	303.4E6	8.812	9.733
4)	MA Heptachlor	0.000	4.076	0	2179384	N.D.	0.070 #
5)	MB Aldrin	0.000	4.360	0	1375914	N.D.	0.045 #
6)	B beta-BHC	4.515	4.021	21223945	133.7E6	9.462	10.029
7)	B delta-BHC	4.766	4.248	799203	847669	0.154	0.027 #
8)	B Heptachlo...	5.675	4.865	298651	1486300	0.061	0.054
9)	A Endosulfan I	6.066	5.222f	127530	1668884	0.028	0.064 #
10)	B gamma-Chl...	5.943	5.121	372707	22420713	0.076	0.757 #
11)	B alpha-Chl...	6.031	5.186	758782	4601252	0.154	0.161
12)	B 4,4'-DDE	6.195	5.371	515759	3392792	0.118	0.118
13)	MA Dieldrin	6.366f	5.508	1503075	328741	0.307	0.011 #
14)	MA Endrin	6.572	5.784	193.6E6	1150.4E6	46.733	43.196
15)	B Endosulfa...	6.769	6.081	423343	4391925	0.100	0.174 #
16)	A 4,4'-DDD	6.704	5.924	7642473	60012545	2.209	2.496
17)	MA 4,4'-DDT	7.020	6.177	336.2E6	2068.4E6	88.242	82.507
18)	B Endrin al...	6.915	6.252	1419598	16018685	0.495	0.930 #
19)	B Endosulfa...	0.000	6.455f	0	1456243	N.D.	0.060 #
20)	A Methoxychlor	7.492	6.747	410.6E6	2107.3E6	204.723	163.412
21)	B Endrin ke...	7.628	6.984	3773791	43076316	0.911	1.617 #
22)	Mirex	0.000	7.171	0	4490876	N.D.	0.217 #
23)	Chlordane-1	0.000	3.900	0	1051615	N.D.	1.183 #
24)	Chlordane-2	0.000	4.487	0	1620923	N.D.	1.692 #
25)	Chlordane-3	5.943	5.121	372707	22420713	0.550	8.091 #
26)	Chlordane-4	6.031	5.186	758782	4601252	0.914	1.912 #
27)	Chlordane-5	0.000	6.081	0	4391925	N.D.	3.993 #

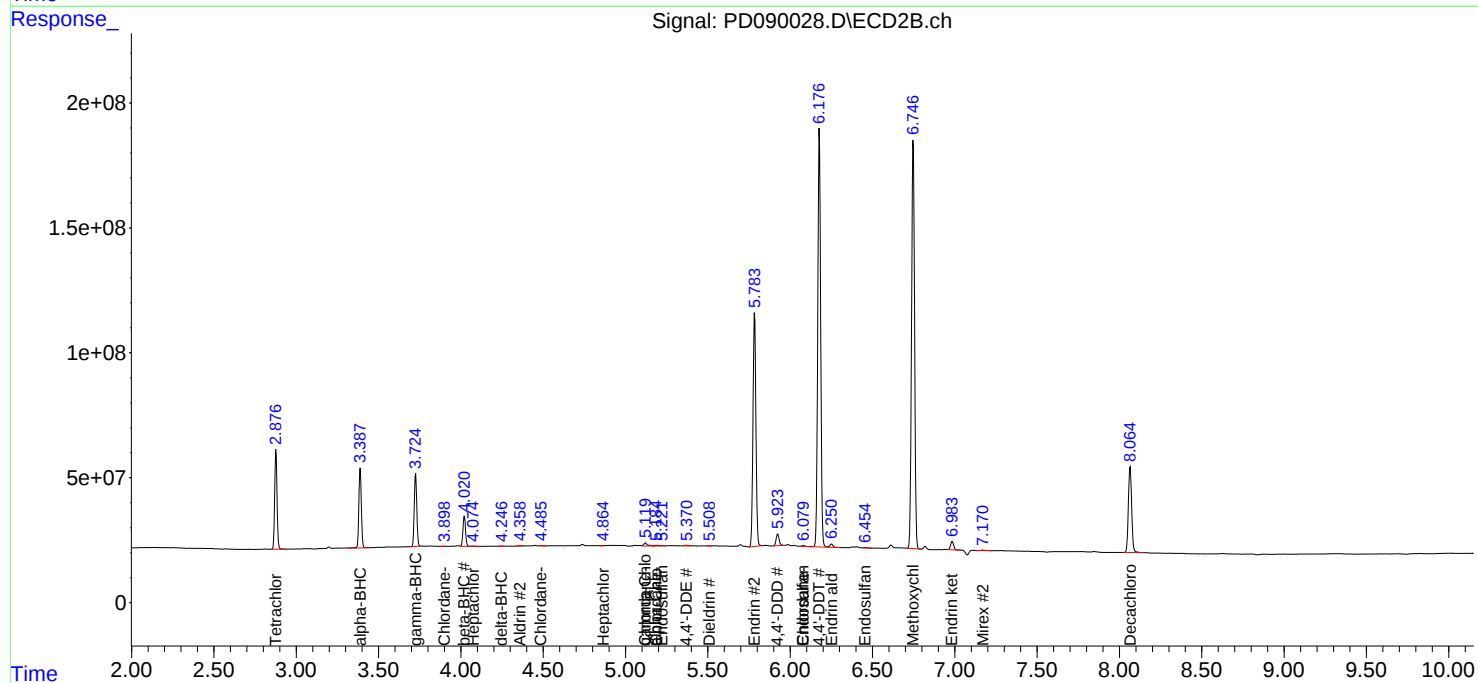
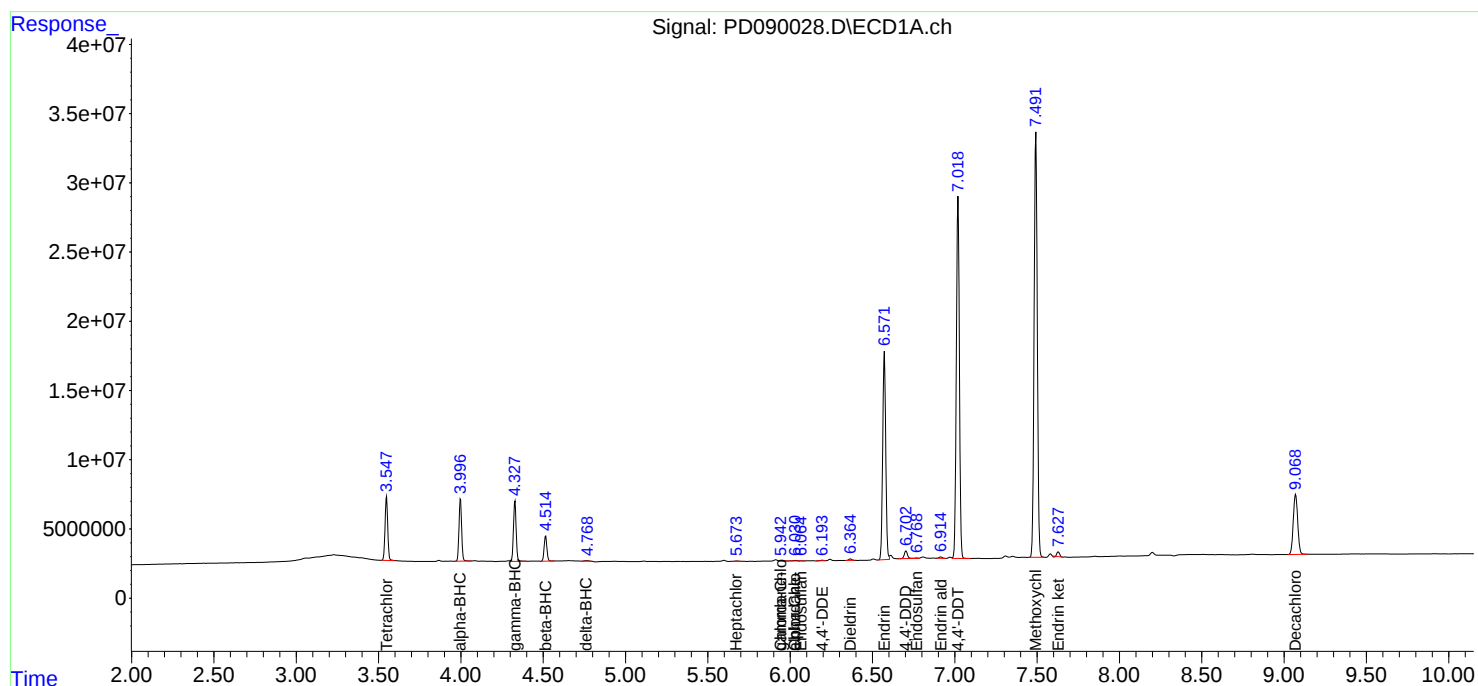
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

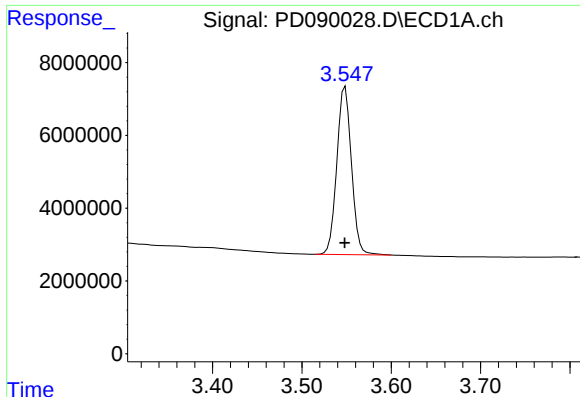
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
Data File : PD090028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 11:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 27 04:58:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

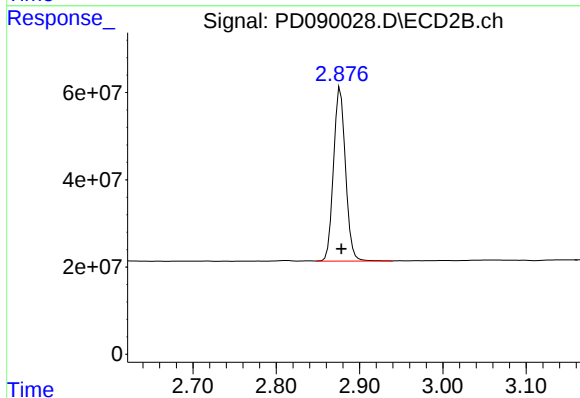




#1 Tetrachloro-m-xylene

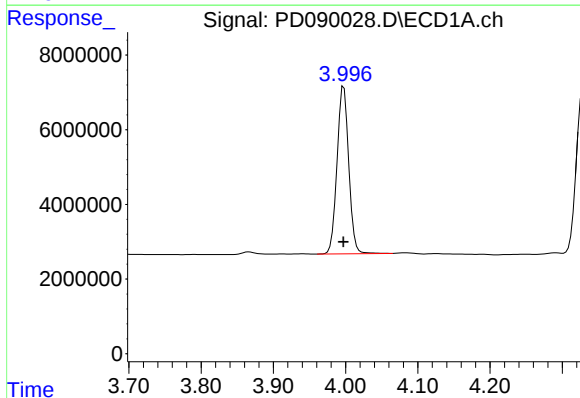
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 52434920
Conc: 17.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



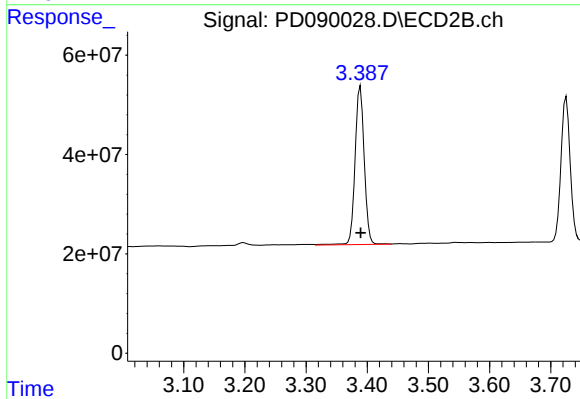
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 398266200
Conc: 18.06 ng/ml



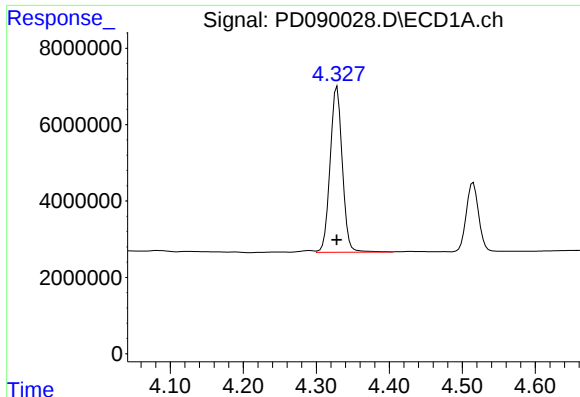
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 50501466
Conc: 8.41 ng/ml



#2 alpha-BHC

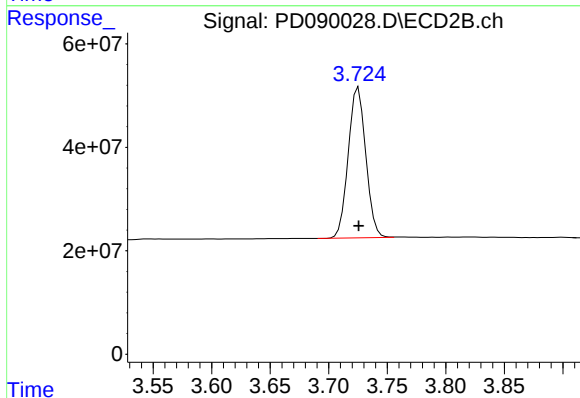
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 333138667
Conc: 9.82 ng/ml



#3 gamma-BHC (Lindane)

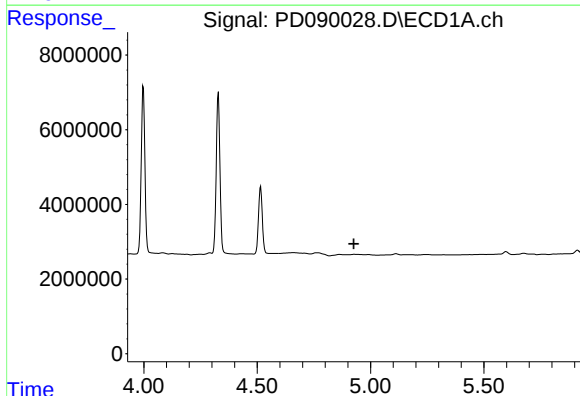
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 50462748
Conc: 8.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



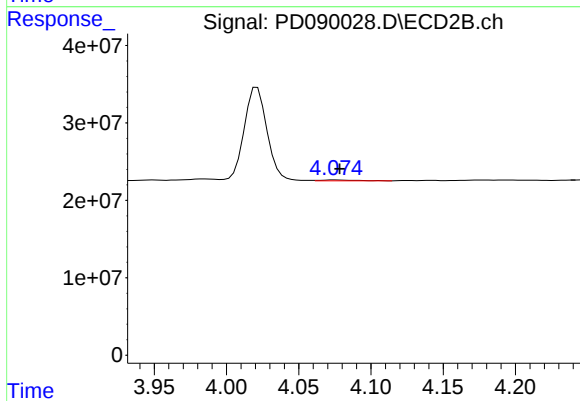
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 303375950
Conc: 9.73 ng/ml



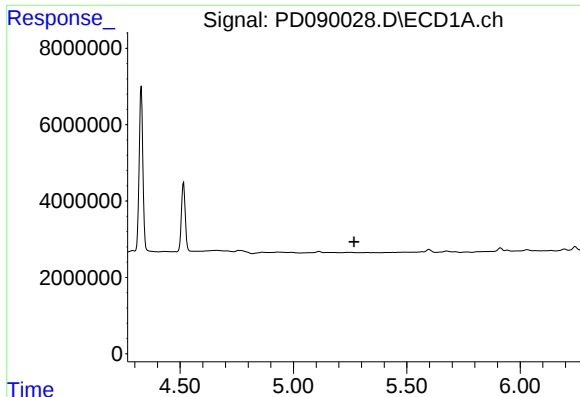
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

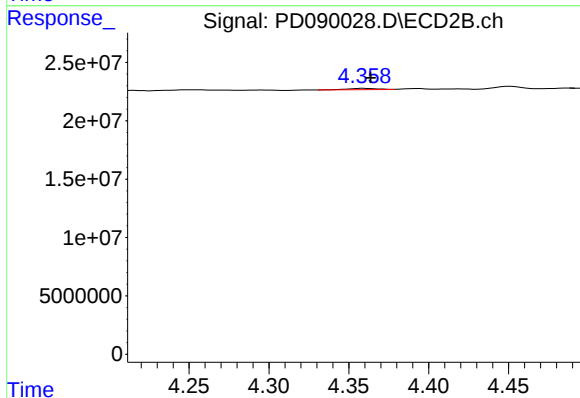
R.T.: 4.076 min
Delta R.T.: -0.003 min
Response: 2179384
Conc: 0.07 ng/ml



#5 Aldrin

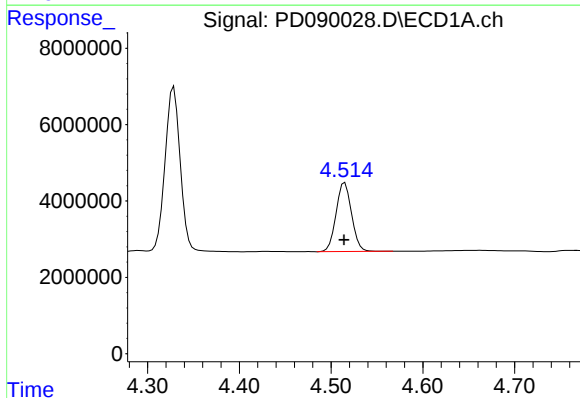
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



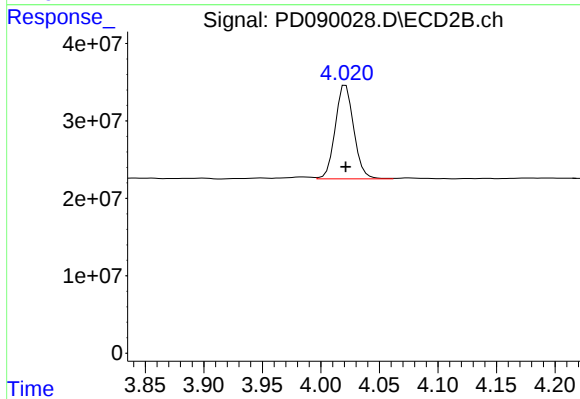
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 1375914
Conc: 0.05 ng/ml



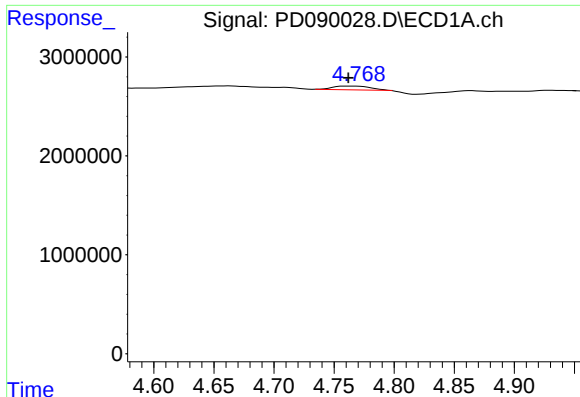
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 21223945
Conc: 9.46 ng/ml



#6 beta-BHC

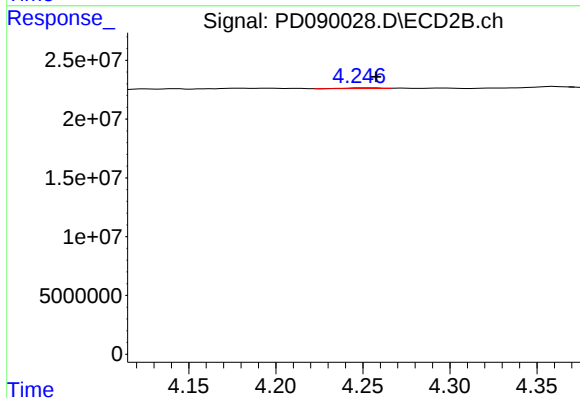
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 133693351
Conc: 10.03 ng/ml



#7 delta-BHC

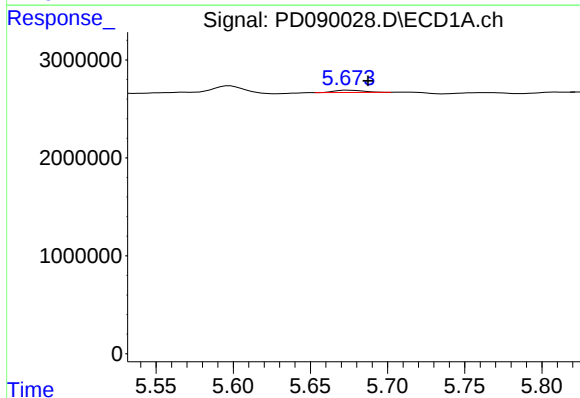
R.T.: 4.766 min
Delta R.T.: 0.004 min
Response: 799203
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



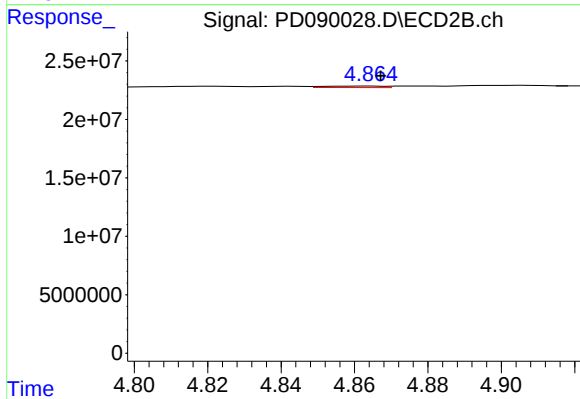
#7 delta-BHC

R.T.: 4.248 min
Delta R.T.: -0.009 min
Response: 847669
Conc: 0.03 ng/ml



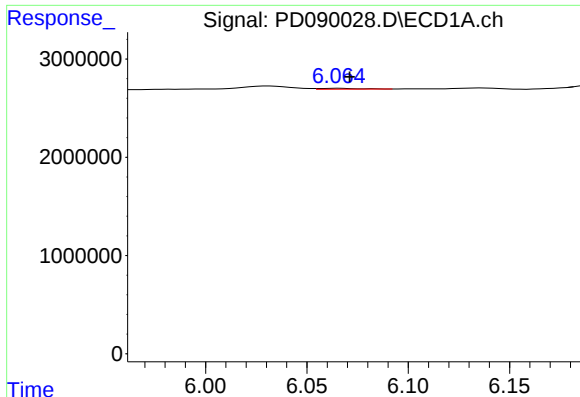
#8 Heptachlor epoxide

R.T.: 5.675 min
Delta R.T.: -0.012 min
Response: 298651
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

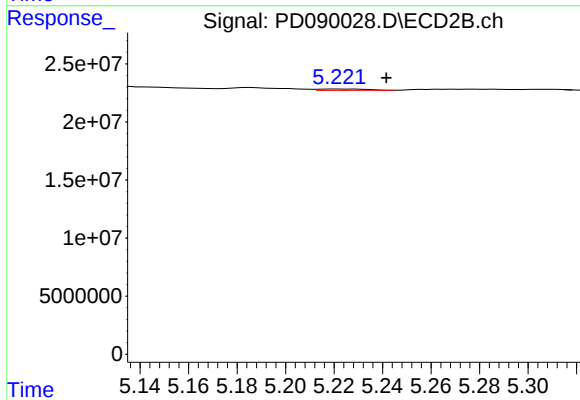
R.T.: 4.865 min
Delta R.T.: -0.003 min
Response: 1486300
Conc: 0.05 ng/ml



#9 Endosulfan I

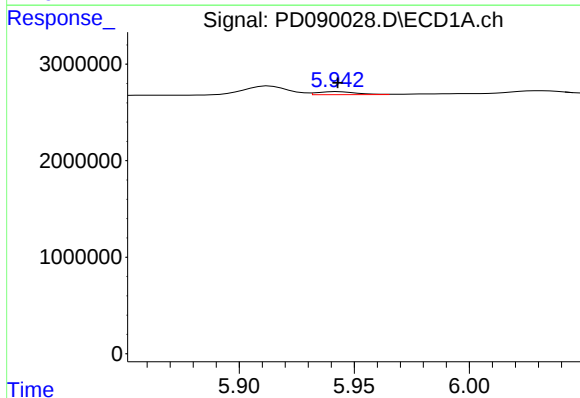
R.T.: 6.066 min
Delta R.T.: -0.005 min
Response: 127530
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



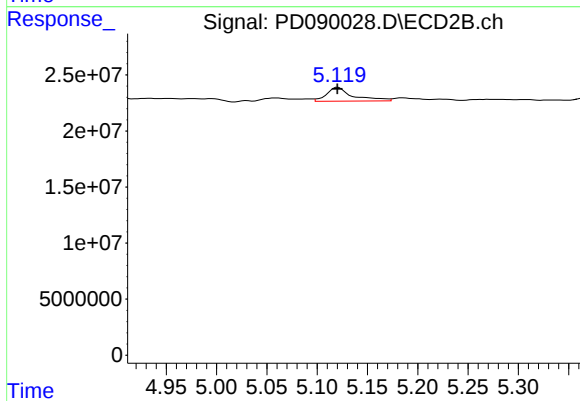
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.019 min
Response: 1668884
Conc: 0.06 ng/ml



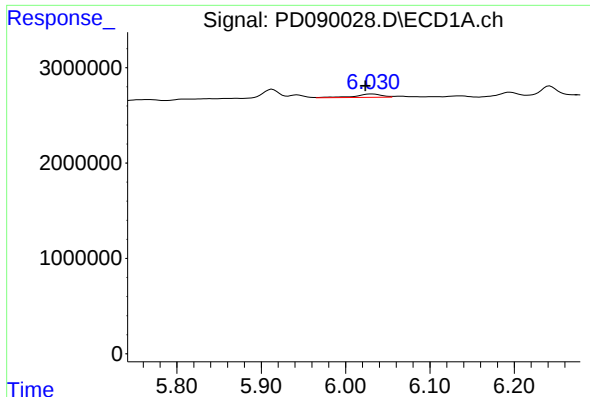
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 372707
Conc: 0.08 ng/ml



#10 gamma-Chlordane

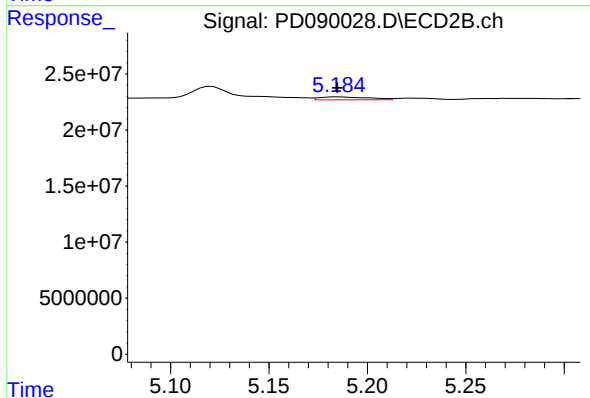
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 22420713
Conc: 0.76 ng/ml



#11 alpha-Chlordane

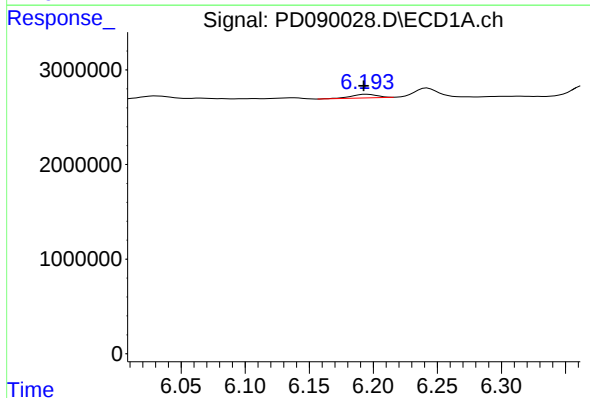
R.T.: 6.031 min
Delta R.T.: 0.007 min
Response: 758782
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



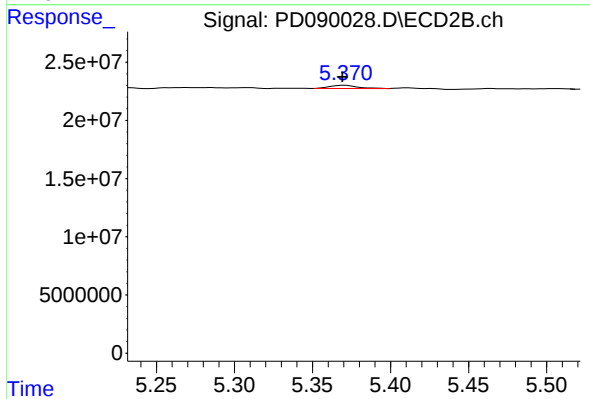
#11 alpha-Chlordane

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 4601252
Conc: 0.16 ng/ml



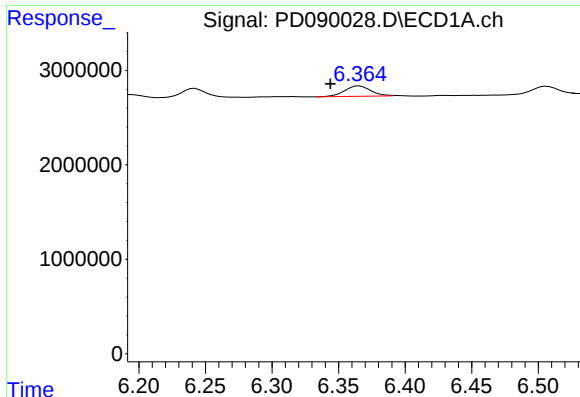
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 515759
Conc: 0.12 ng/ml



#12 4,4'-DDE

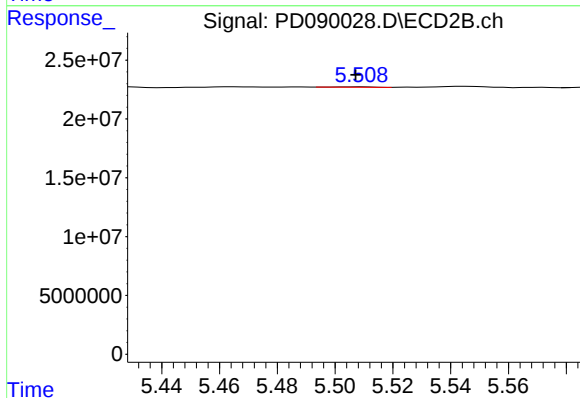
R.T.: 5.371 min
Delta R.T.: 0.002 min
Response: 3392792
Conc: 0.12 ng/ml



#13 Dieldrin

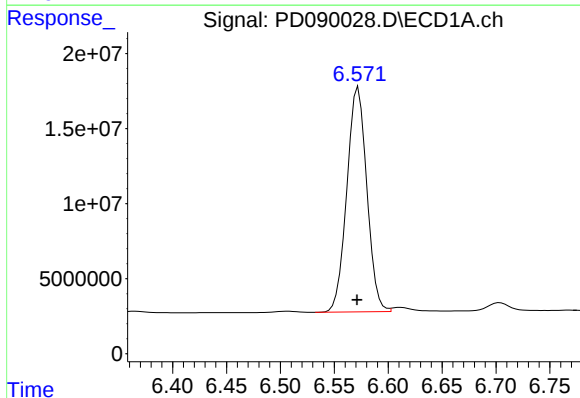
R.T.: 6.366 min
Delta R.T.: 0.022 min
Response: 1503075
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



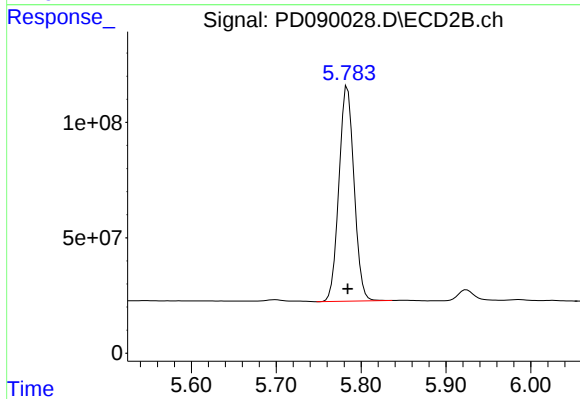
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 328741
Conc: 0.01 ng/ml



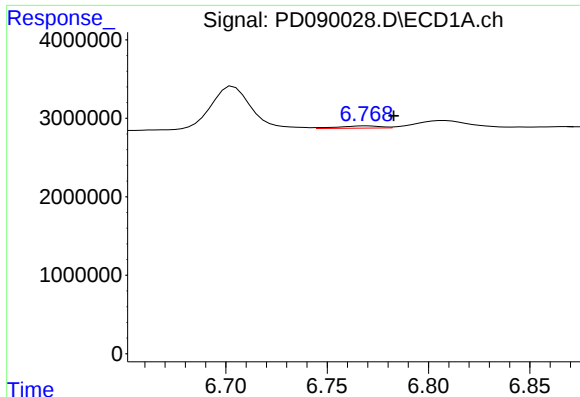
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.001 min
Response: 193642677
Conc: 46.73 ng/ml



#14 Endrin

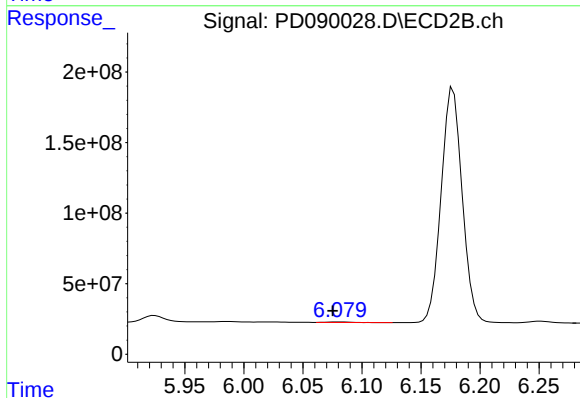
R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 1150404981
Conc: 43.20 ng/ml



#15 Endosulfan II

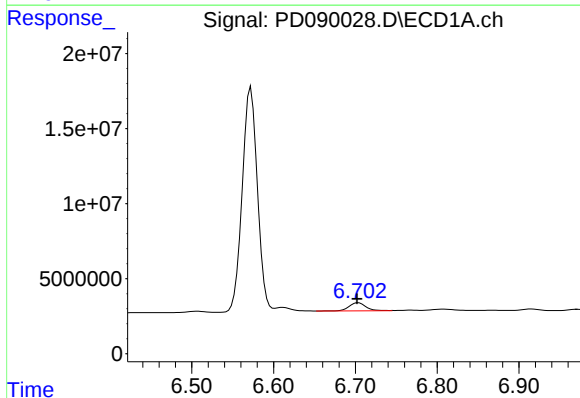
R.T.: 6.769 min
Delta R.T.: -0.014 min
Response: 423343
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



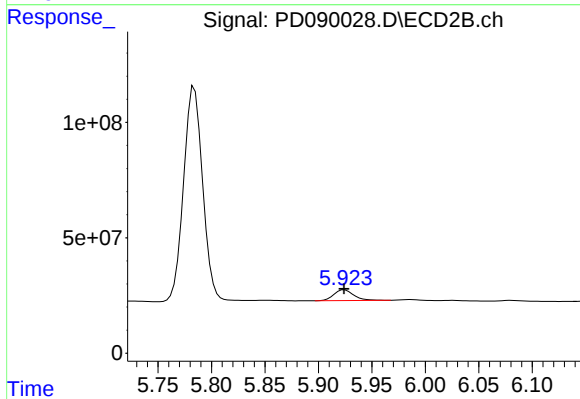
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.005 min
Response: 4391925
Conc: 0.17 ng/ml



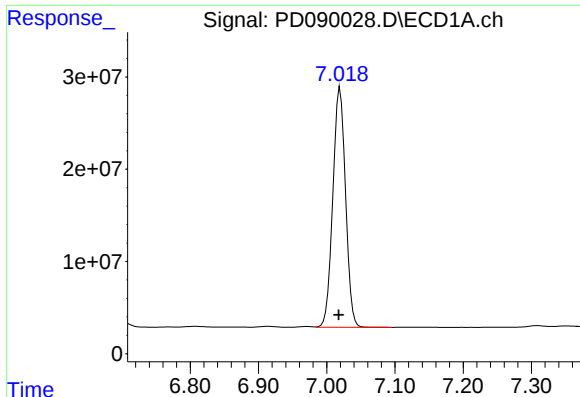
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 7642473
Conc: 2.21 ng/ml



#16 4,4'-DDD

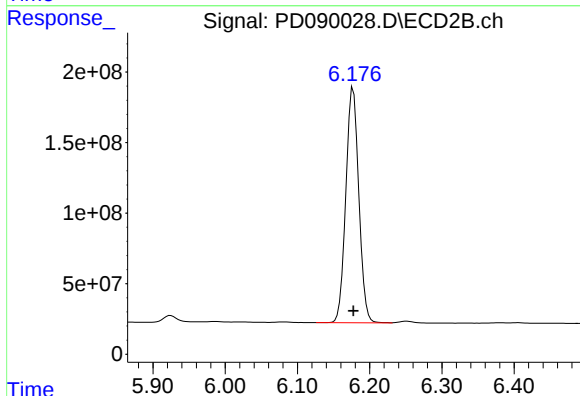
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 60012545
Conc: 2.50 ng/ml



#17 4,4'-DDT

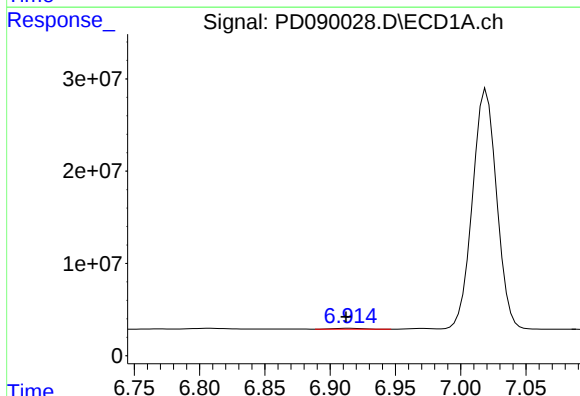
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 336179077
Conc: 88.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



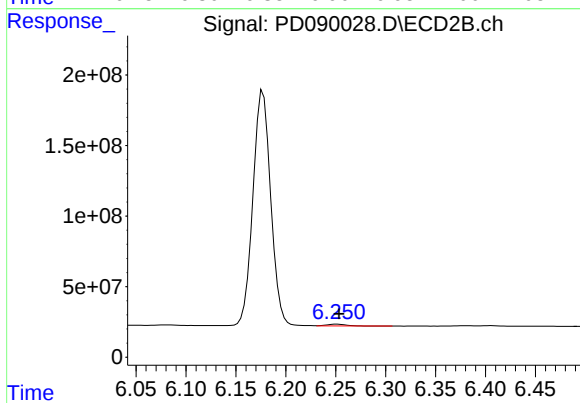
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2068419533
Conc: 82.51 ng/ml



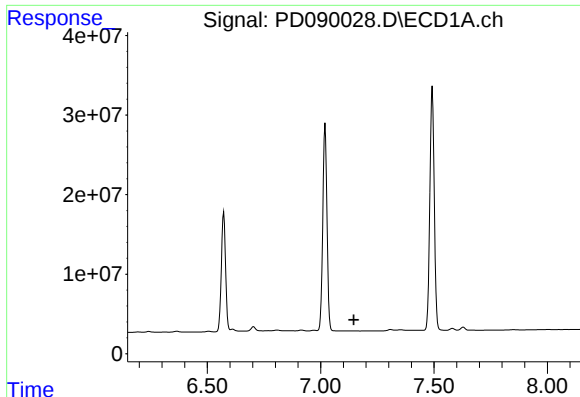
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1419598
Conc: 0.50 ng/ml



#18 Endrin aldehyde

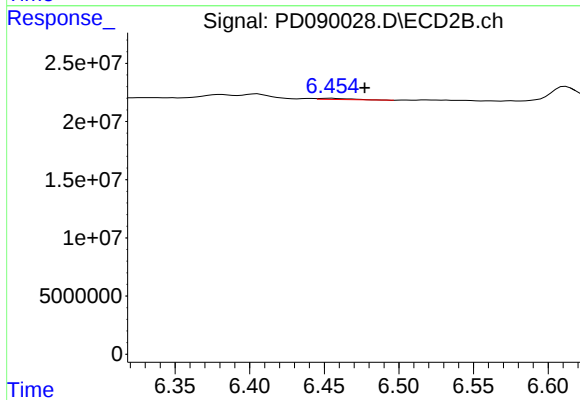
R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 16018685
Conc: 0.93 ng/ml



#19 Endosulfan Sulfate

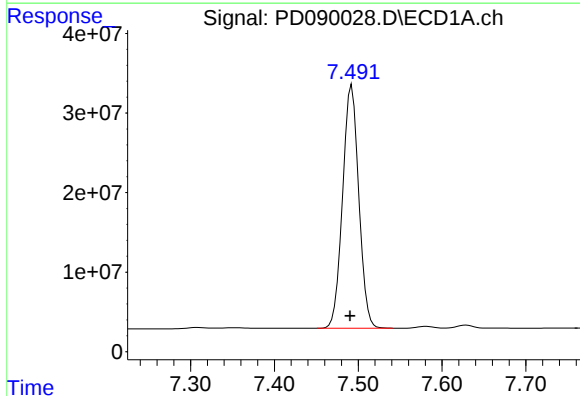
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



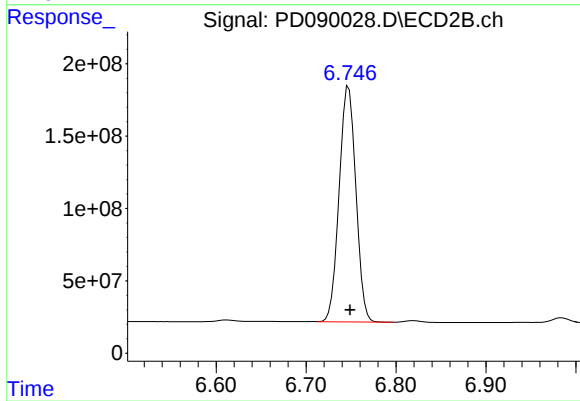
#19 Endosulfan Sulfate

R.T.: 6.455 min
Delta R.T.: -0.023 min
Response: 1456243
Conc: 0.06 ng/ml



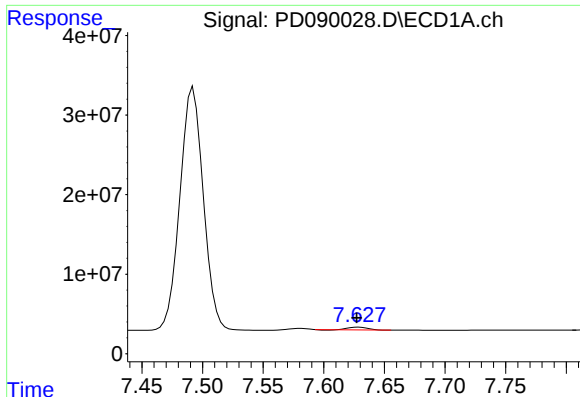
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 410595181
Conc: 204.72 ng/ml



#20 Methoxychlor

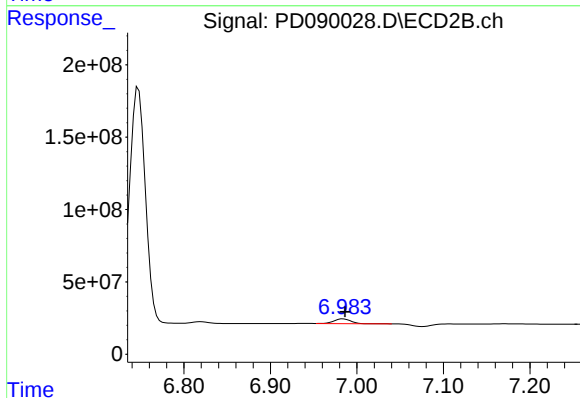
R.T.: 6.747 min
Delta R.T.: -0.001 min
Response: 2107323095
Conc: 163.41 ng/ml



#21 Endrin ketone

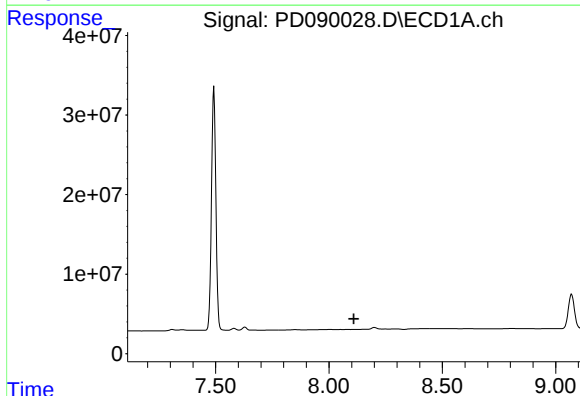
R.T.: 7.628 min
Delta R.T.: 0.001 min
Response: 3773791
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



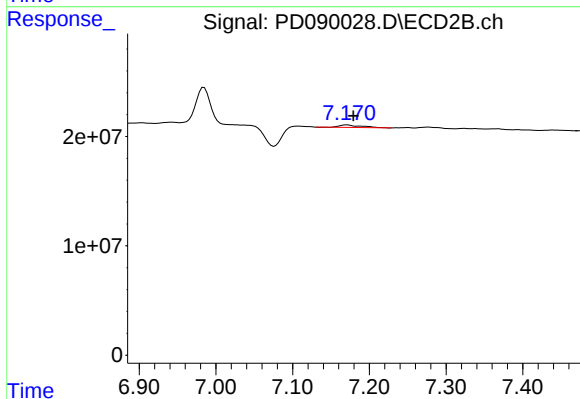
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 43076316
Conc: 1.62 ng/ml



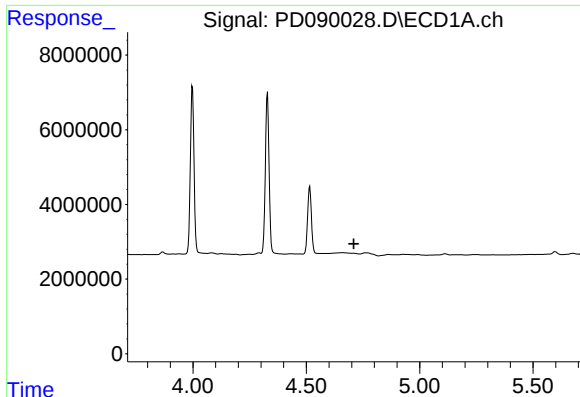
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

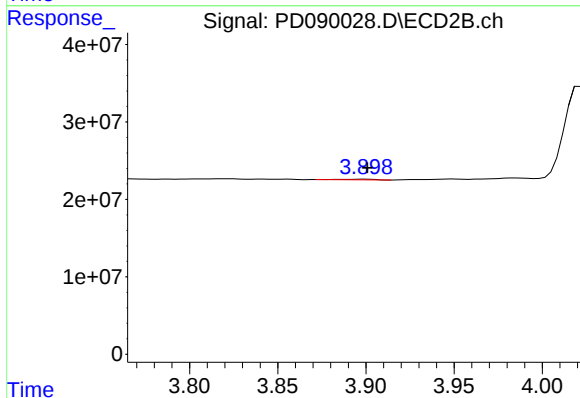
R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 4490876
Conc: 0.22 ng/ml



#23 Chlordane-1

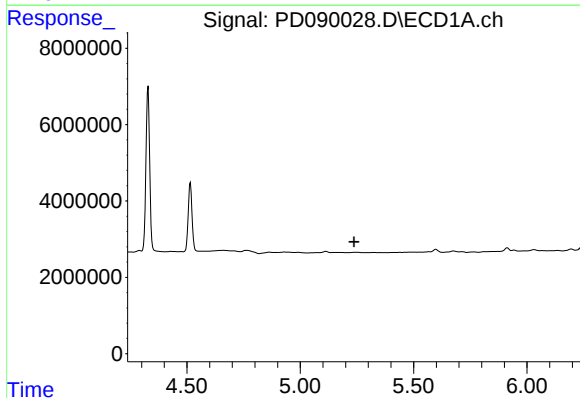
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



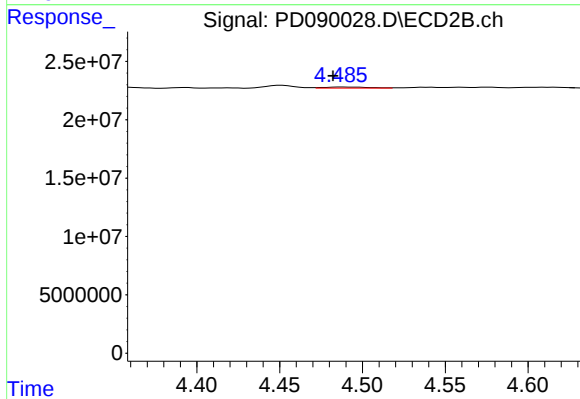
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.001 min
Response: 1051615
Conc: 1.18 ng/ml



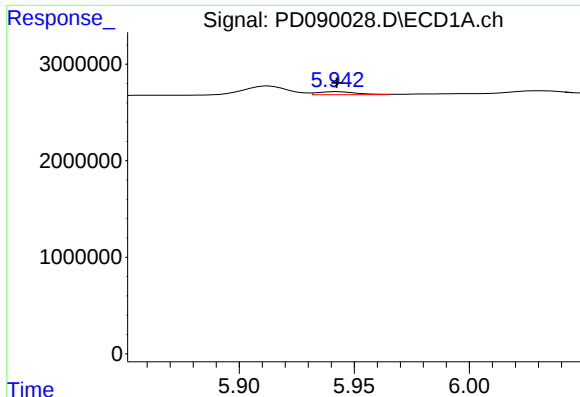
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

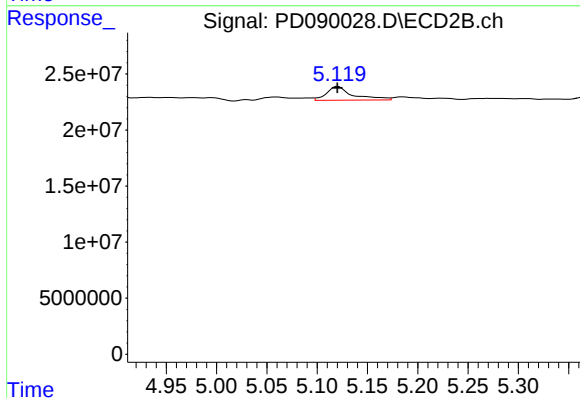
R.T.: 4.487 min
Delta R.T.: 0.005 min
Response: 1620923
Conc: 1.69 ng/ml



#25 Chlordane-3

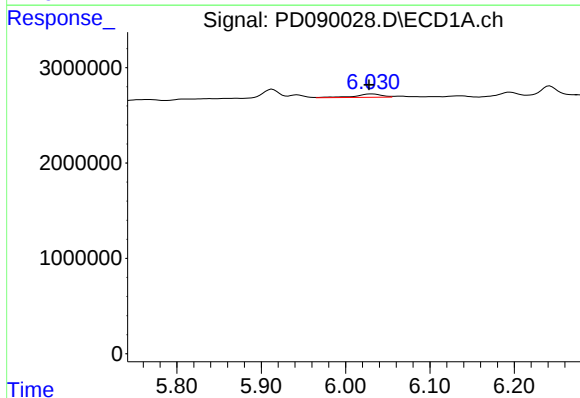
R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 372707
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



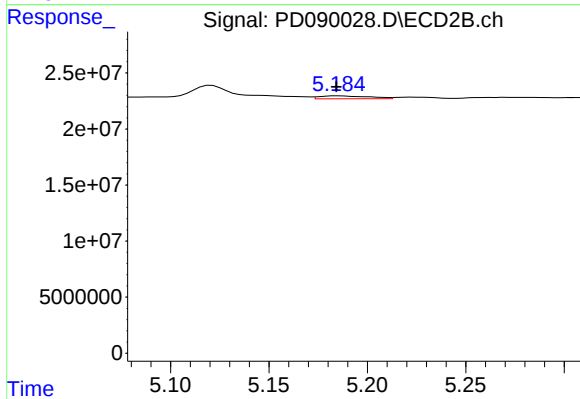
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 22420713
Conc: 8.09 ng/ml



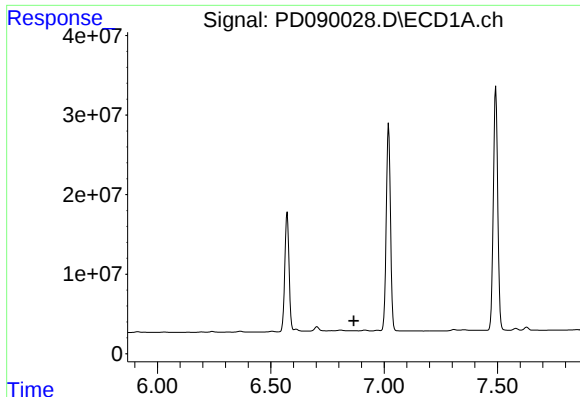
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 758782
Conc: 0.91 ng/ml



#26 Chlordane-4

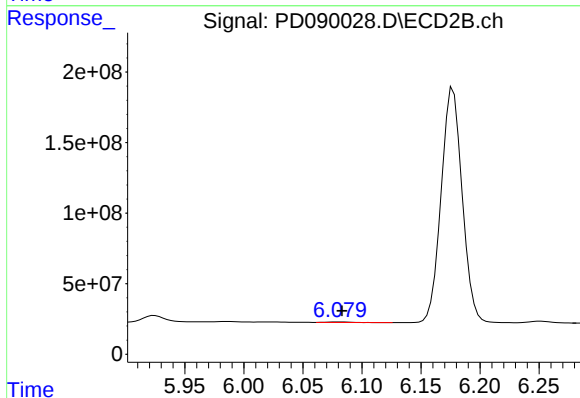
R.T.: 5.186 min
Delta R.T.: 0.001 min
Response: 4601252
Conc: 1.91 ng/ml



#27 Chlordane-5

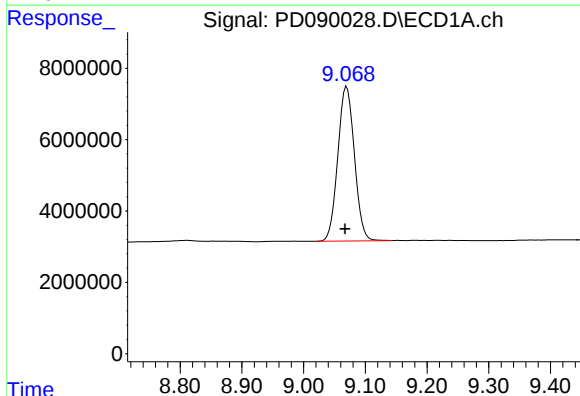
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



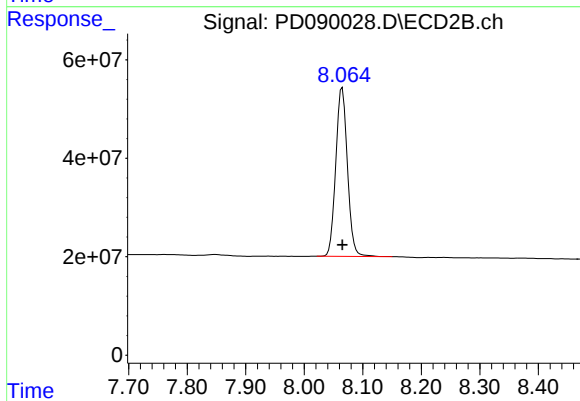
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.003 min
Response: 4391925
Conc: 3.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.003 min
Response: 80923073
Conc: 18.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 473514033
Conc: 18.29 ng/ml