

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
 Data File : PD090549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 15:33
 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: Oct 10 08:23:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 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...	3.545	2.875	54628936	483.3E6	16.807	17.606
2)	SA Decachlor...	9.064	8.060	81330265	557.9E6	16.856	17.211
Target Compounds							
2)	A alpha-BHC	3.994	3.386	51447948	398.5E6	7.366	9.102
3)	MA gamma-BHC...	4.324	3.722	50256423	372.2E6	7.595	9.137
4)	MA Heptachlor	4.946f	4.079	3096734	2139125	0.468	0.053 #
5)	MB Aldrin	0.000	4.357	0	2828225	N.D.	0.071 #
6)	B beta-BHC	4.512	4.018	22107085	159.1E6	8.569	9.180
7)	B delta-BHC	4.771	4.252	1579778	757585	0.245	0.018 #
8)	B Heptachlo...	5.677	4.879	4127409	11011603	0.722	0.299 #
9)	A Endosulfan I	0.000	5.219f	0	11851415	N.D.	0.342 #
10)	B gamma-Chl...	5.937	5.116	424717	16642829	0.074	0.424 #
11)	B alpha-Chl...	5.994f	5.177	370609	29395567	0.064	0.780 #
12)	B 4,4'-DDE	6.190	5.370	342365	8726999	0.066	0.228 #
13)	MA Dieldrin	6.362f	5.502	368721	1762793	0.064	0.045 #
14)	MA Endrin	6.568	5.779	197.1E6	1490.9E6	40.276	41.608
15)	B Endosulfa...	6.766f	6.077	4165988	6995557	0.854	0.207 #
16)	A 4,4'-DDD	6.699	5.920	11857571	39270418	2.894	1.211 #
17)	MA 4,4'-DDT	7.015	6.173	343.5E6	2716.2E6	77.146	79.008
18)	B Endrin al...	6.911	6.246	3315459	16023386	0.966	0.680 #
19)	B Endosulfa...	0.000	6.460	0	1934826	N.D.	0.059 #
20)	A Methoxychlor	7.487	6.743	420.9E6	2772.4E6	178.591	159.328
21)	B Endrin ke...	7.624	6.980	2913633	1655841	0.589	0.046 #
22)	Mirex	0.000	7.166	0	7254424	N.D.	0.263 #
23)	Chlordane-1	0.000	3.897	0	1692971	N.D.	1.407 #
24)	Chlordane-2	0.000	4.483	0	24860078	N.D.	19.881 #
25)	Chlordane-3	5.937	5.116	424717	16642829	0.507	4.391 #
26)	Chlordane-4	0.000	5.177	0	29395567	N.D.	9.028 #
27)	Chlordane-5	6.868	6.077	2853048	6995557	16.025	4.610 #

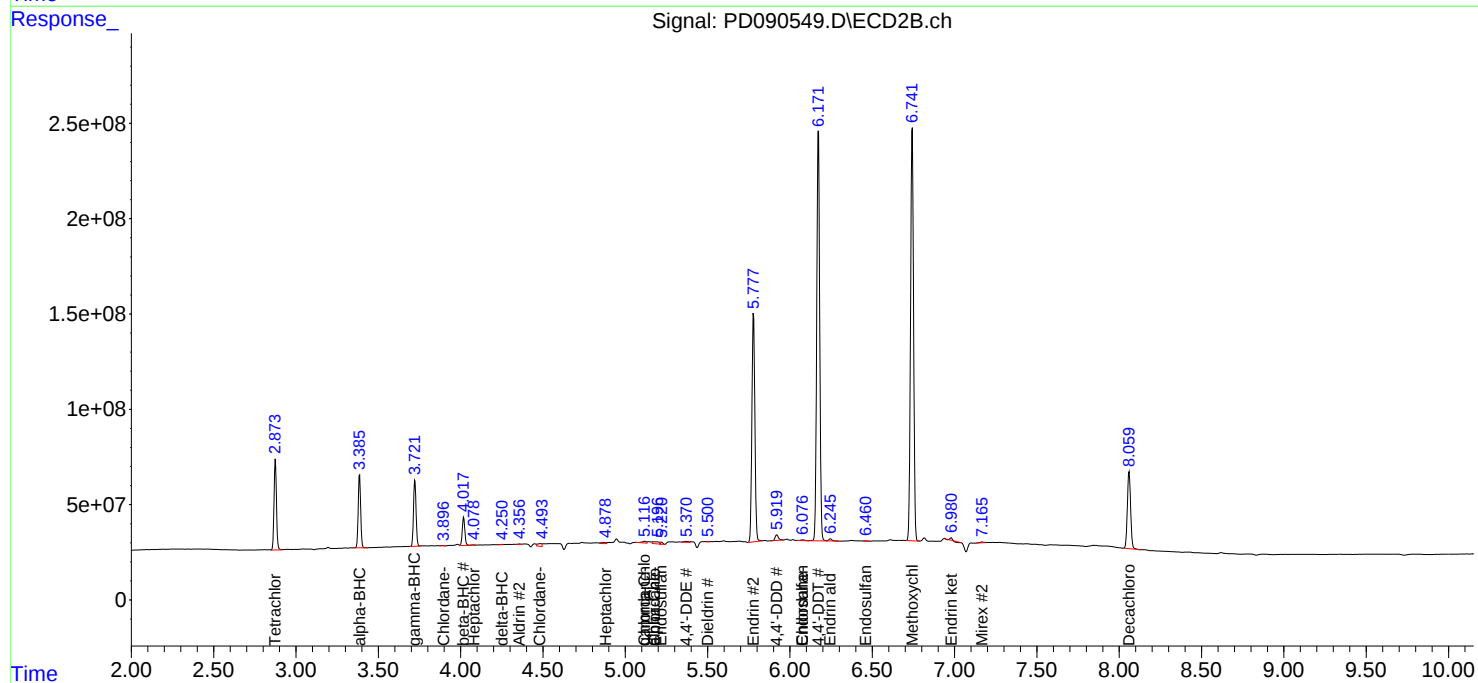
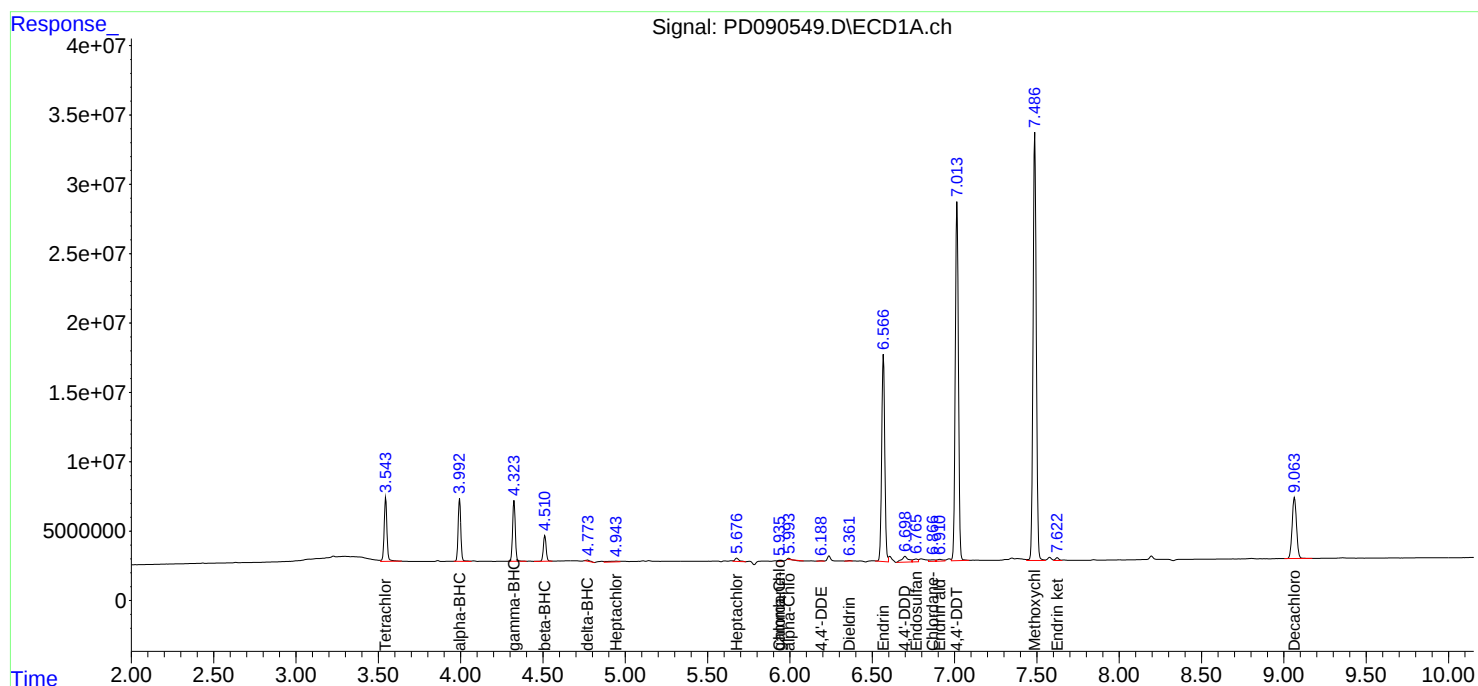
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

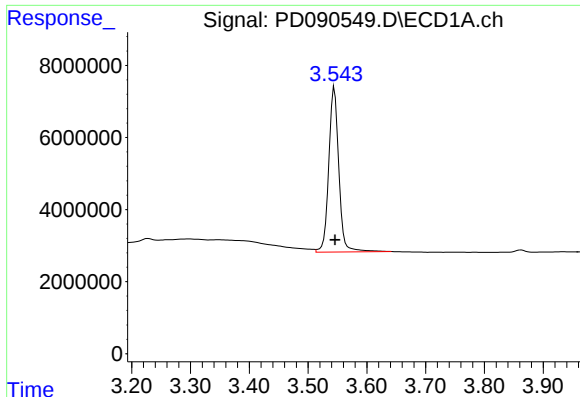
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101125\
Data File : PD090549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:33
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 08:23:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 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

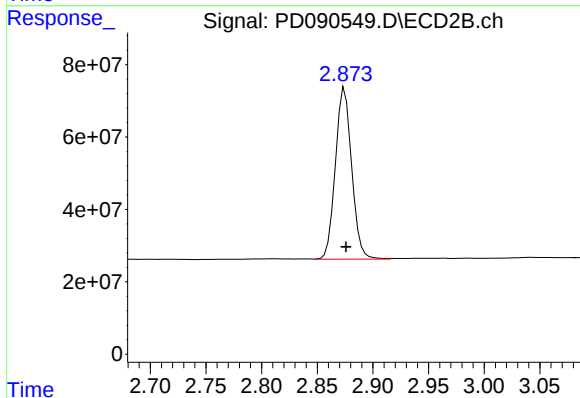




#1 Tetrachloro-m-xylene

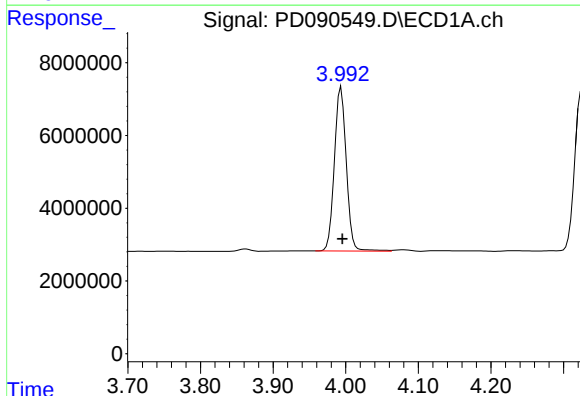
R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 54628936
Conc: 16.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



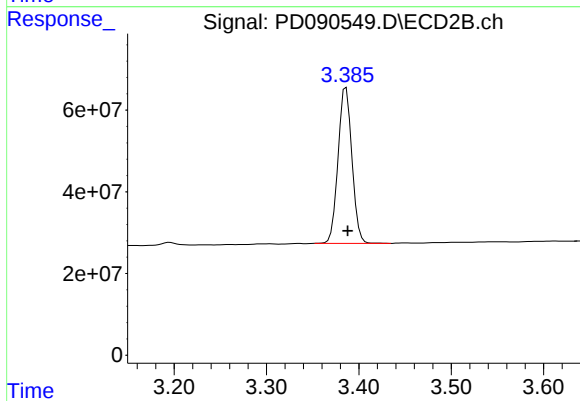
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.001 min
Response: 483294096
Conc: 17.61 ng/ml



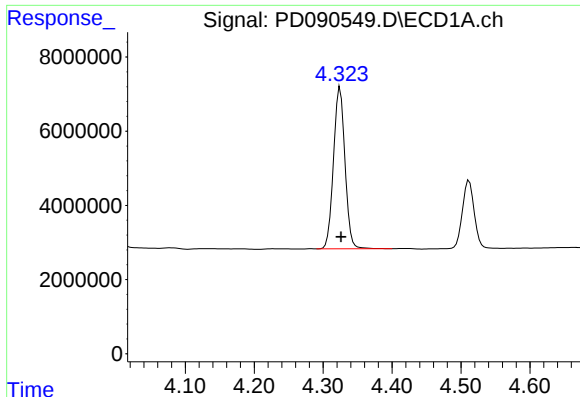
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 51447948
Conc: 7.37 ng/ml



#2 alpha-BHC

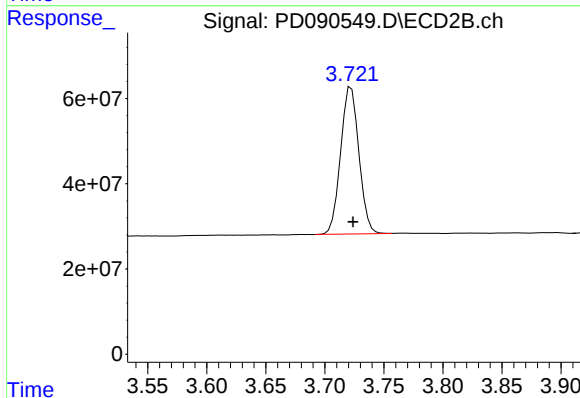
R.T.: 3.386 min
Delta R.T.: -0.002 min
Response: 398531966
Conc: 9.10 ng/ml



#3 gamma-BHC (Lindane)

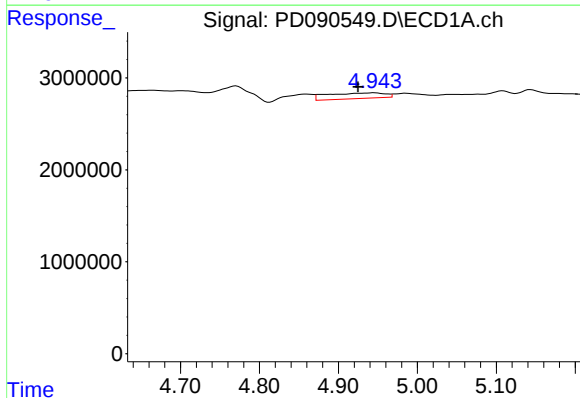
R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 50256423
Conc: 7.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



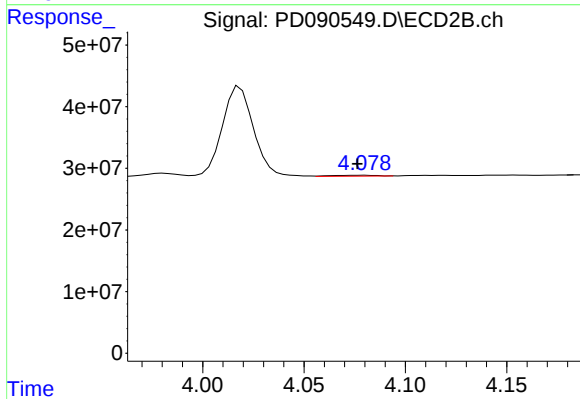
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 372215957
Conc: 9.14 ng/ml



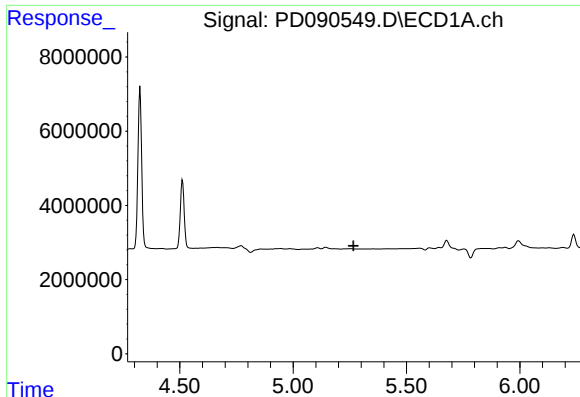
#4 Heptachlor

R.T.: 4.946 min
Delta R.T.: 0.021 min
Response: 3096734
Conc: 0.47 ng/ml



#4 Heptachlor

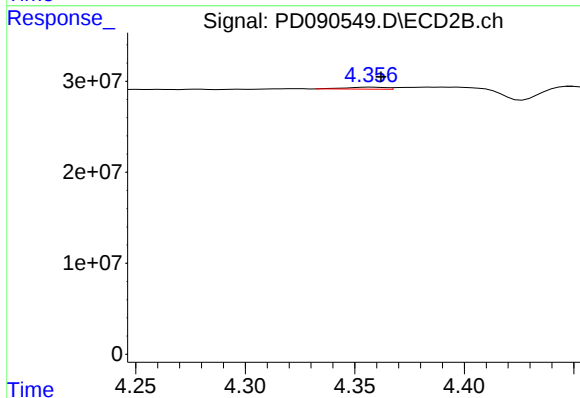
R.T.: 4.079 min
Delta R.T.: 0.002 min
Response: 2139125
Conc: 0.05 ng/ml



#5 Aldrin

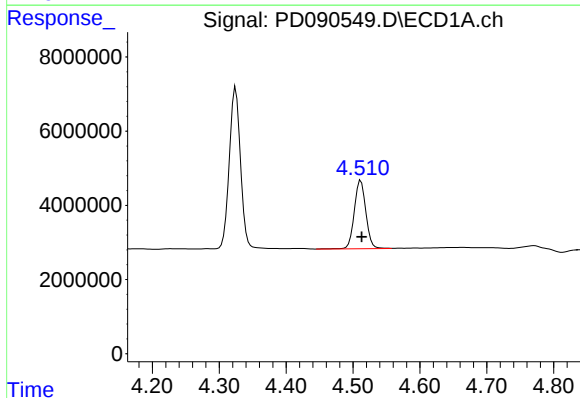
R.T.: 0.000 min
Exp R.T.: 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



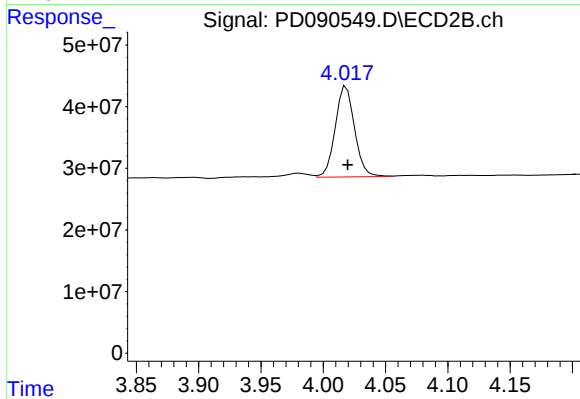
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 2828225
Conc: 0.07 ng/ml



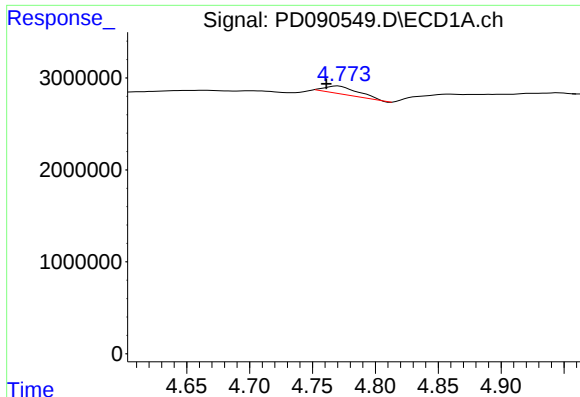
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 22107085
Conc: 8.57 ng/ml



#6 beta-BHC

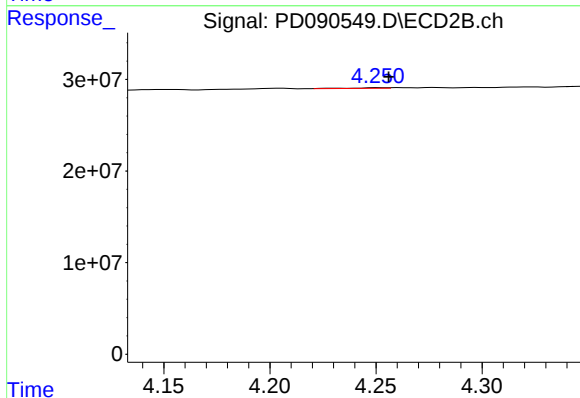
R.T.: 4.018 min
Delta R.T.: -0.001 min
Response: 159131478
Conc: 9.18 ng/ml



#7 delta-BHC

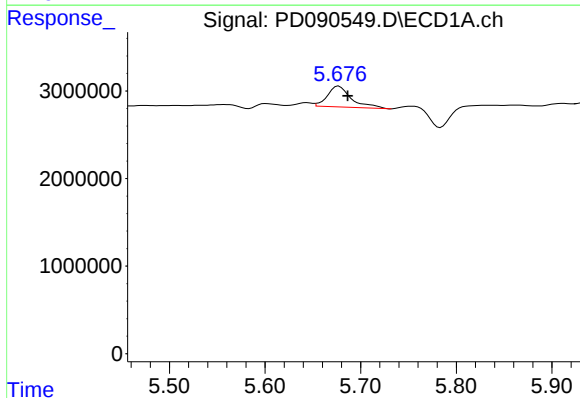
R.T.: 4.771 min
Delta R.T.: 0.010 min
Response: 1579778
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



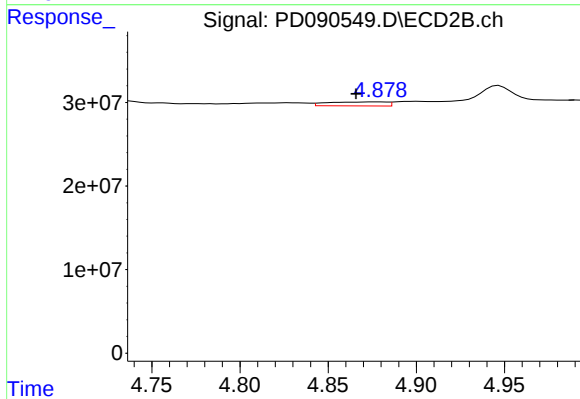
#7 delta-BHC

R.T.: 4.252 min
Delta R.T.: -0.004 min
Response: 757585
Conc: 0.02 ng/ml



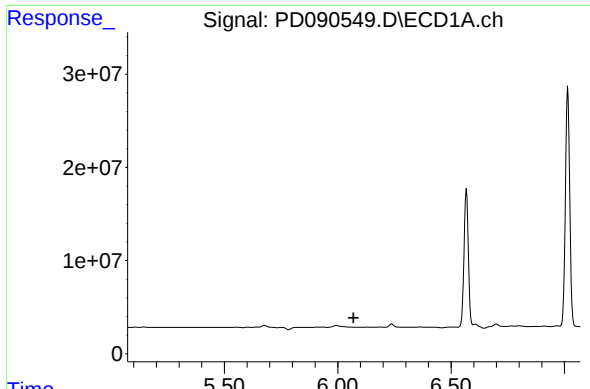
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.009 min
Response: 4127409
Conc: 0.72 ng/ml



#8 Heptachlor epoxide

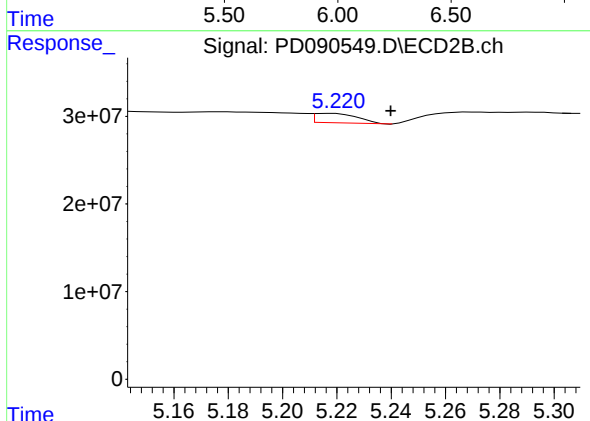
R.T.: 4.879 min
Delta R.T.: 0.013 min
Response: 11011603
Conc: 0.30 ng/ml



#9 Endosulfan I

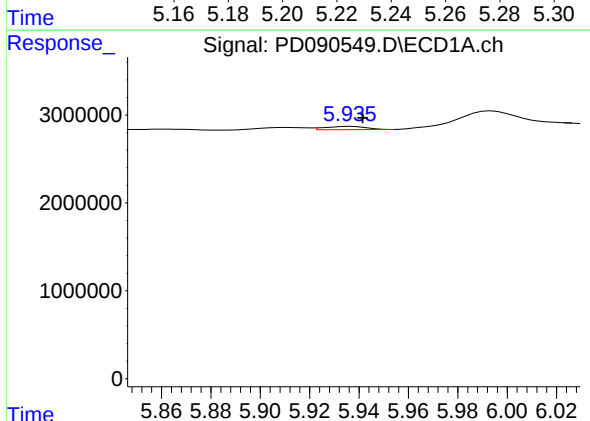
R.T.: 0.000 min
Exp R.T.: 6.070 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



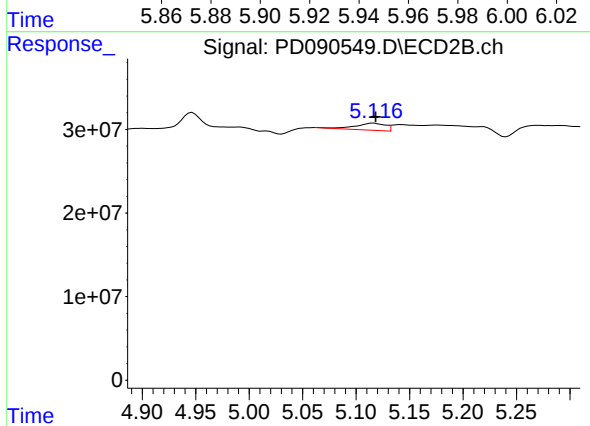
#9 Endosulfan I

R.T.: 5.219 min
Delta R.T.: -0.021 min
Response: 11851415
Conc: 0.34 ng/ml



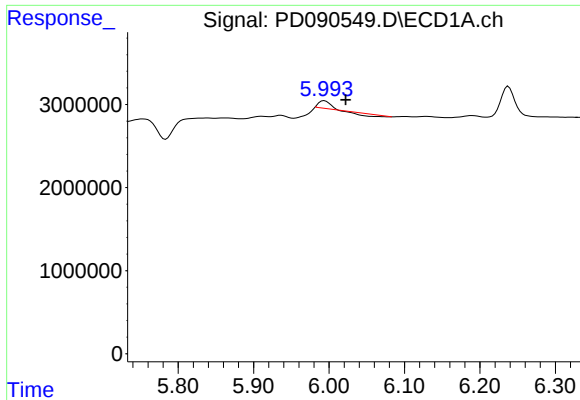
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 424717
Conc: 0.07 ng/ml



#10 gamma-Chlordane

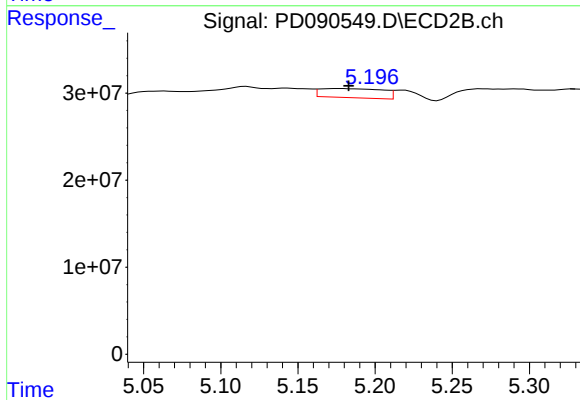
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 16642829
Conc: 0.42 ng/ml



#11 alpha-Chlordane

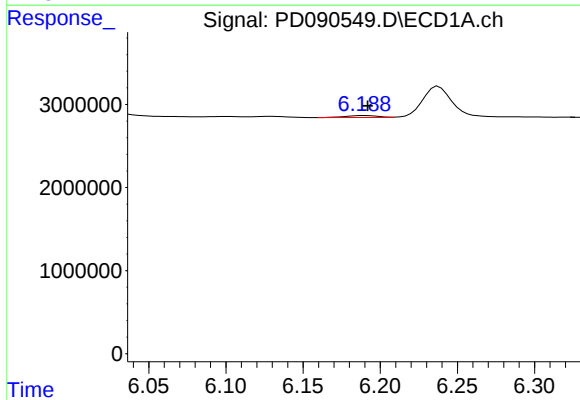
R.T.: 5.994 min
Delta R.T.: -0.028 min
Response: 370609
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



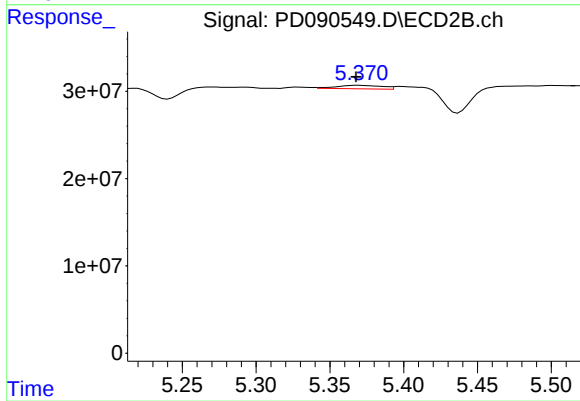
#11 alpha-Chlordane

R.T.: 5.177 min
Delta R.T.: -0.006 min
Response: 29395567
Conc: 0.78 ng/ml



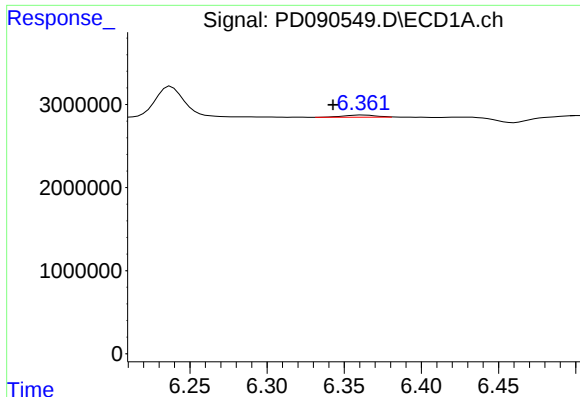
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 342365
Conc: 0.07 ng/ml



#12 4,4'-DDE

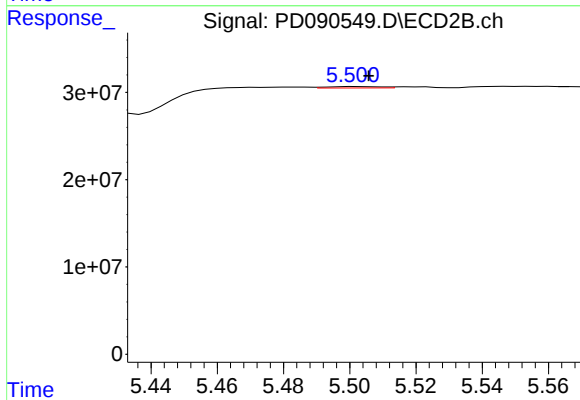
R.T.: 5.370 min
Delta R.T.: 0.002 min
Response: 8726999
Conc: 0.23 ng/ml



#13 Dieldrin

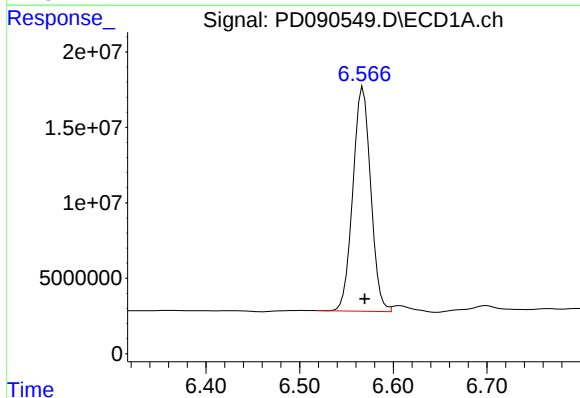
R.T.: 6.362 min
Delta R.T.: 0.020 min
Response: 368721
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



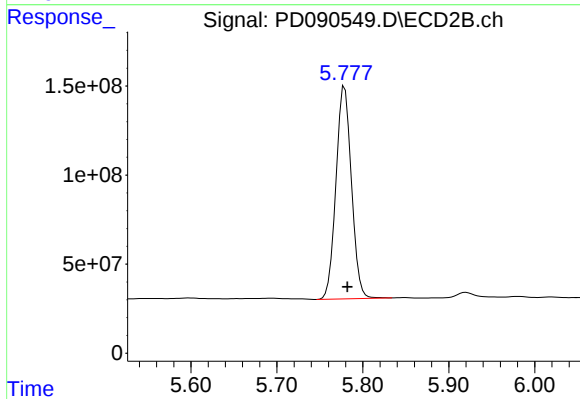
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.004 min
Response: 1762793
Conc: 0.05 ng/ml



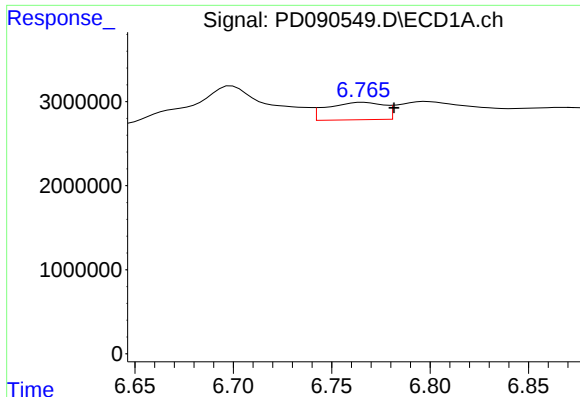
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 197106125
Conc: 40.28 ng/ml



#14 Endrin

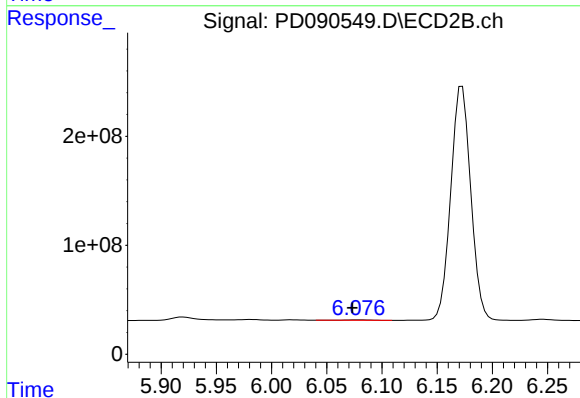
R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 1490905854
Conc: 41.61 ng/ml



#15 Endosulfan II

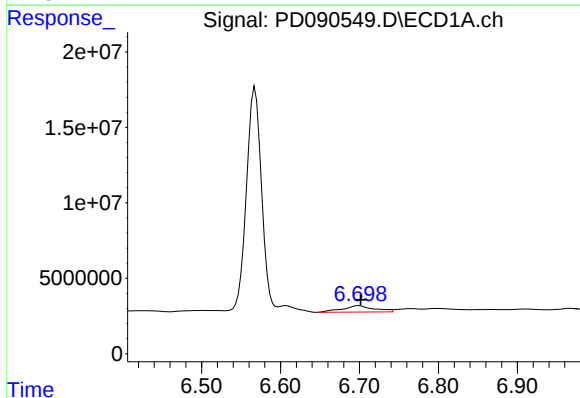
R.T.: 6.766 min
Delta R.T.: -0.016 min
Response: 4165988
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



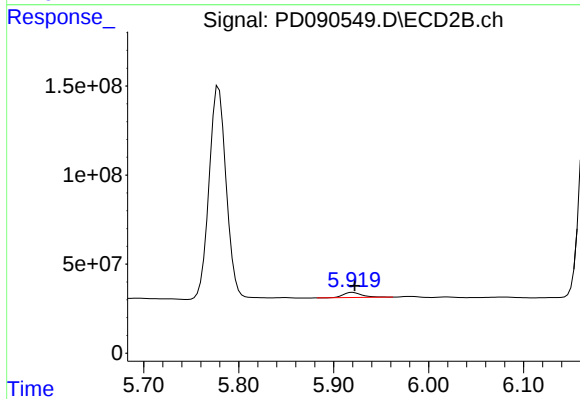
#15 Endosulfan II

R.T.: 6.077 min
Delta R.T.: 0.004 min
Response: 6995557
Conc: 0.21 ng/ml



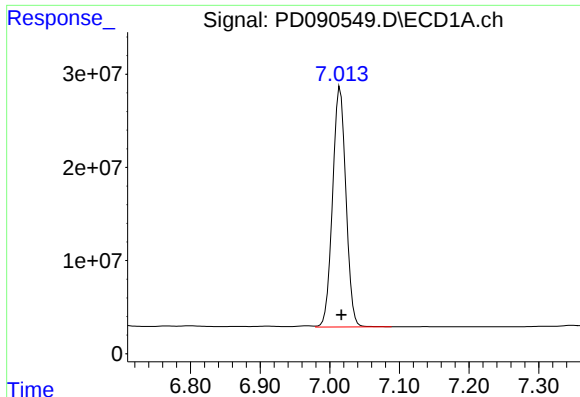
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 11857571
Conc: 2.89 ng/ml



#16 4,4'-DDD

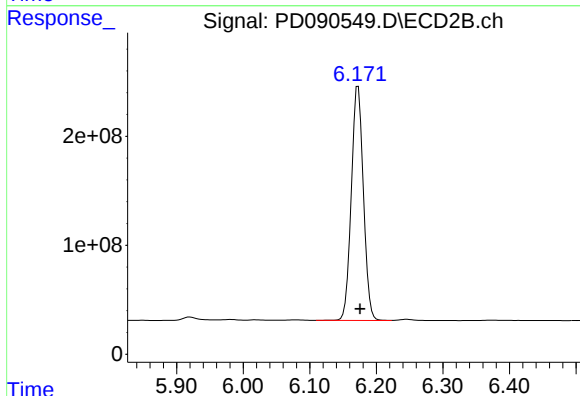
R.T.: 5.920 min
Delta R.T.: -0.002 min
Response: 39270418
Conc: 1.21 ng/ml



#17 4,4'-DDT

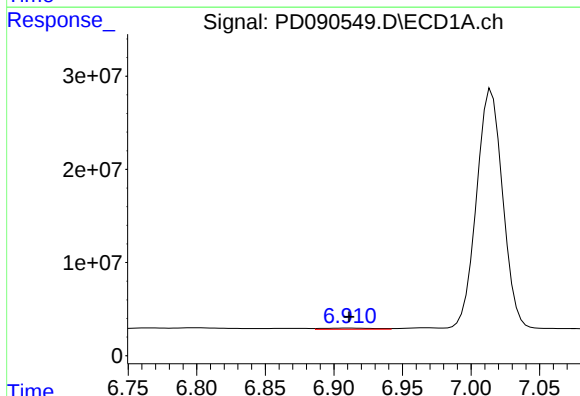
R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 343489069
Conc: 77.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



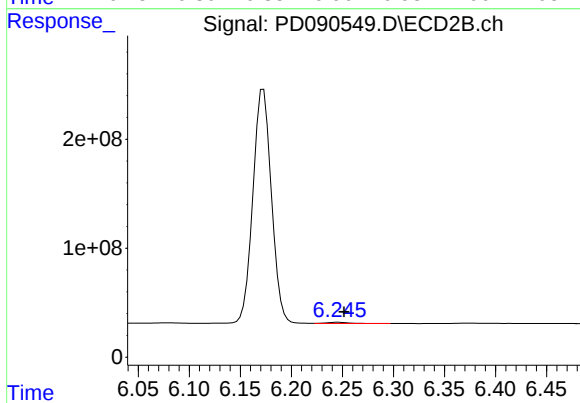
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.003 min
Response: 2716206610
Conc: 79.01 ng/ml



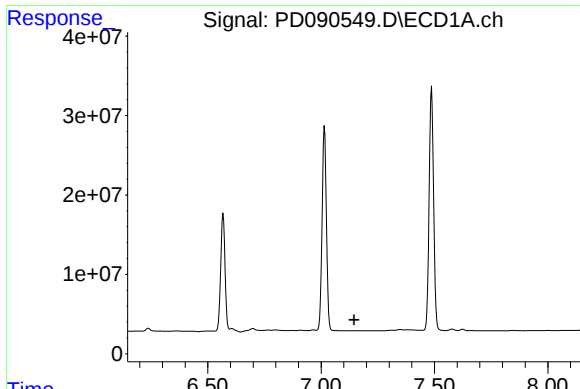
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 3315459
Conc: 0.97 ng/ml



#18 Endrin aldehyde

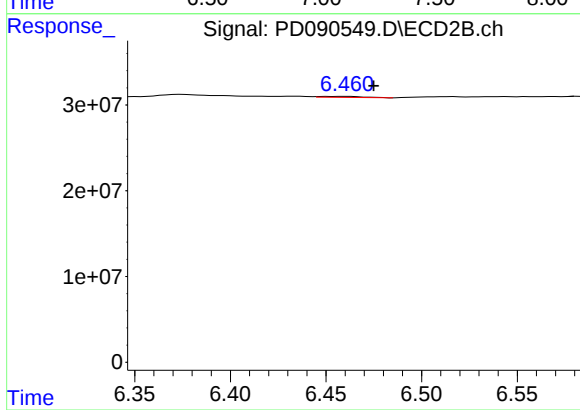
R.T.: 6.246 min
Delta R.T.: -0.006 min
Response: 16023386
Conc: 0.68 ng/ml



#19 Endosulfan Sulfate

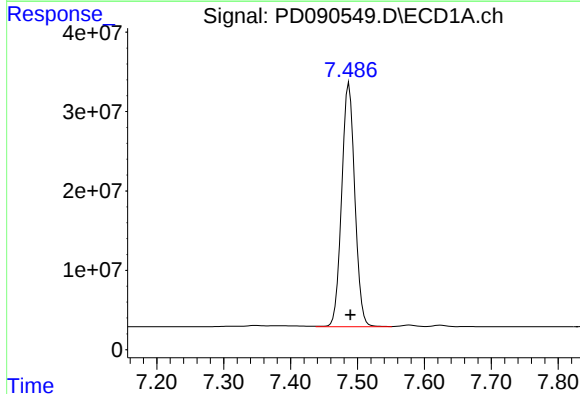
R.T.: 0.000 min
Exp R.T.: 7.146 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



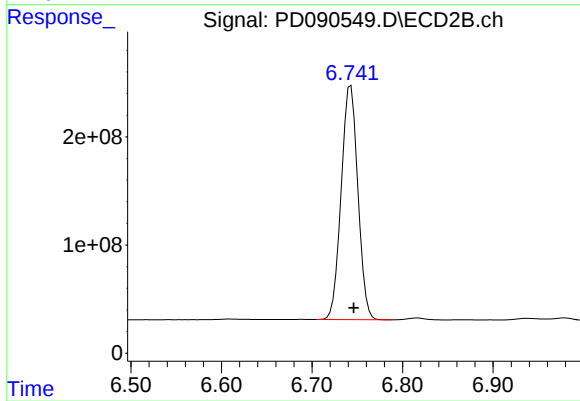
#19 Endosulfan Sulfate

R.T.: 6.460 min
Delta R.T.: -0.014 min
Response: 1934826
Conc: 0.06 ng/ml



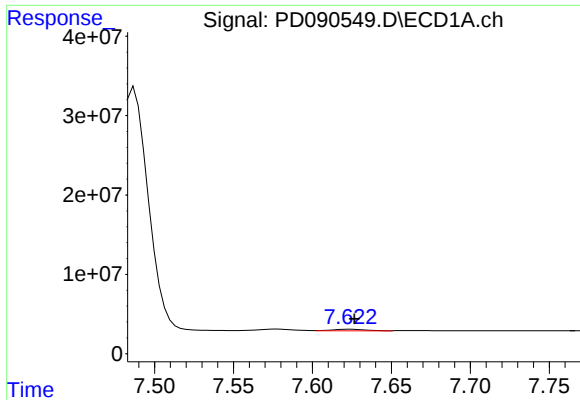
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.002 min
Response: 420851205
Conc: 178.59 ng/ml



#20 Methoxychlor

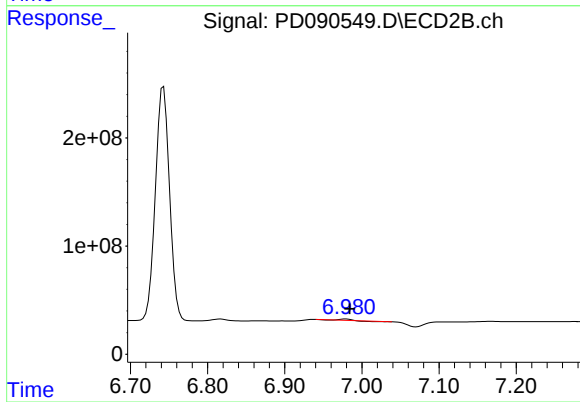
R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 2772363696
Conc: 159.33 ng/ml



#21 Endrin ketone

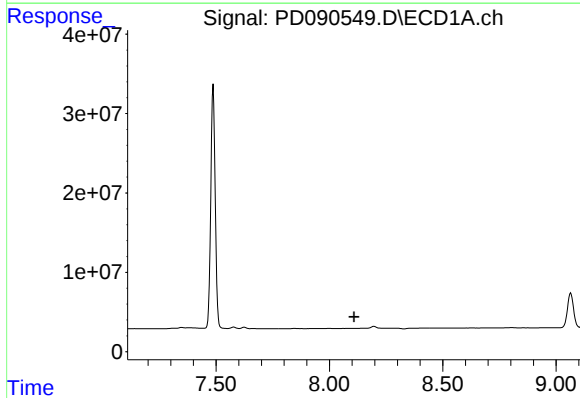
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 2913633
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



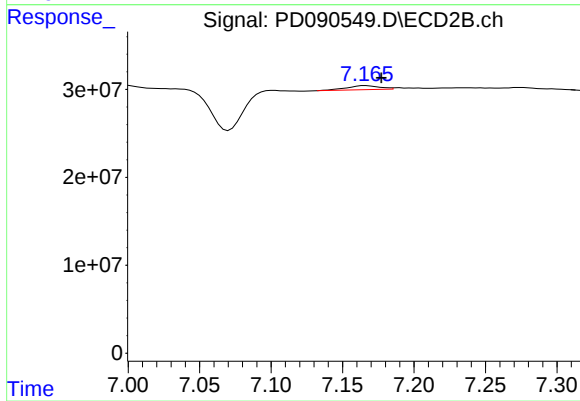
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: -0.005 min
Response: 1655841
Conc: 0.05 ng/ml



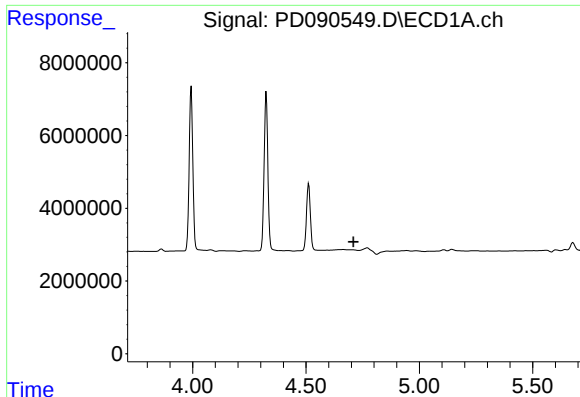
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.109 min
Response: 0
Conc: N.D.



#22 Mirex

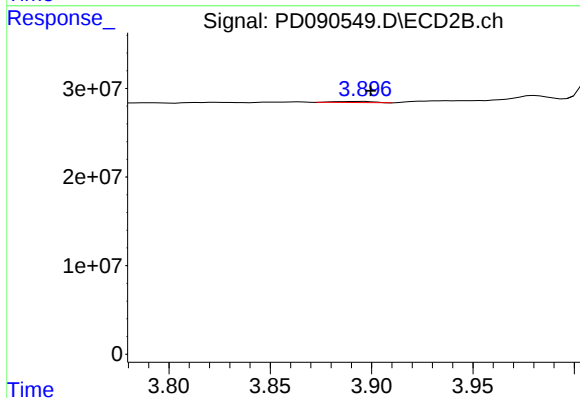
R.T.: 7.166 min
Delta R.T.: -0.011 min
Response: 7254424
Conc: 0.26 ng/ml



#23 Chlordane-1

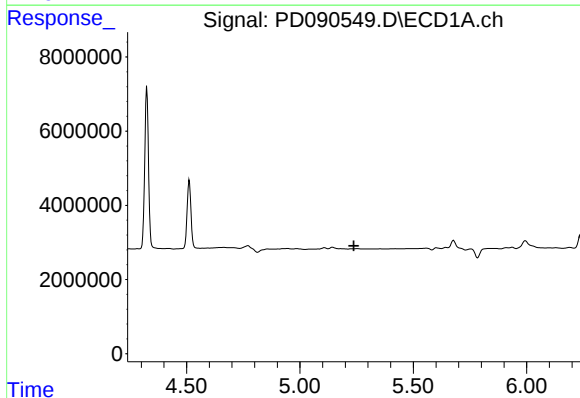
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



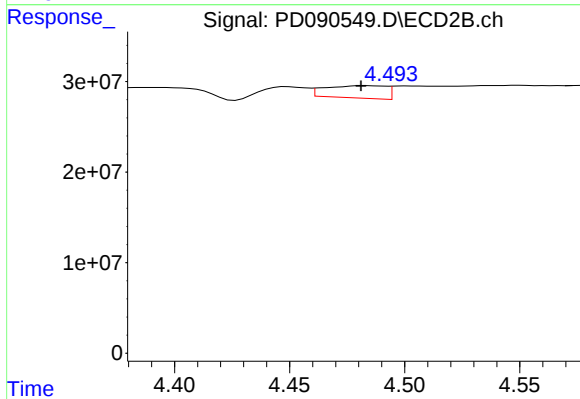
#23 Chlordane-1

R.T.: 3.897 min
Delta R.T.: -0.003 min
Response: 1692971
Conc: 1.41 ng/ml



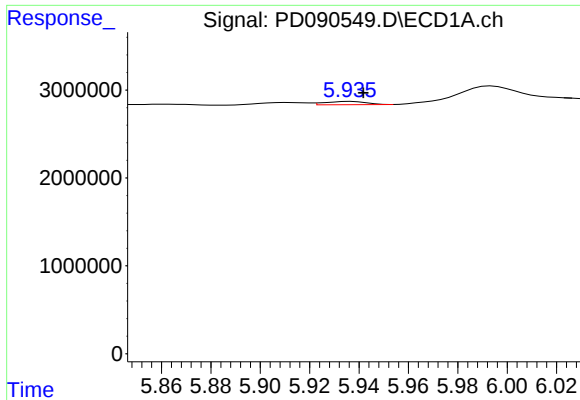
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.237 min
Response: 0
Conc: N.D.



#24 Chlordane-2

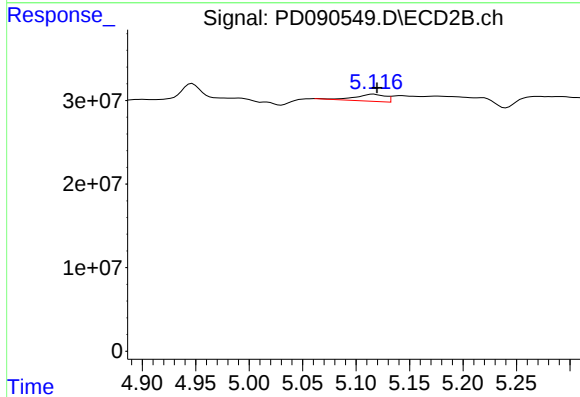
R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 24860078
Conc: 19.88 ng/ml



#25 Chlordane-3

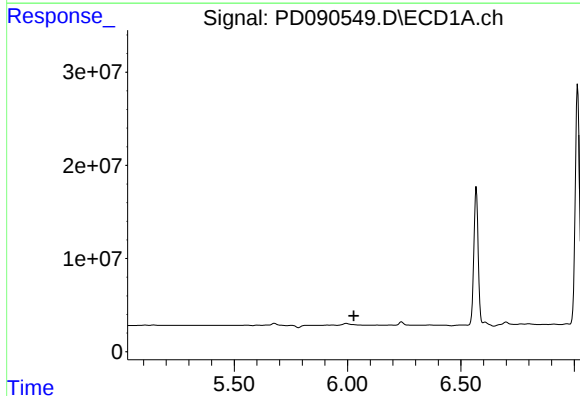
R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 424717
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



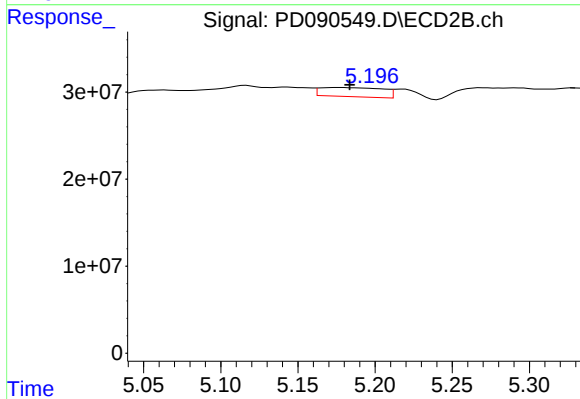
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 16642829
Conc: 4.39 ng/ml



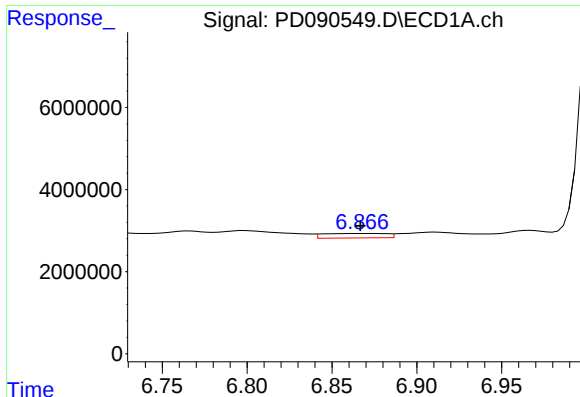
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.027 min
Response: 0
Conc: N.D.



#26 Chlordane-4

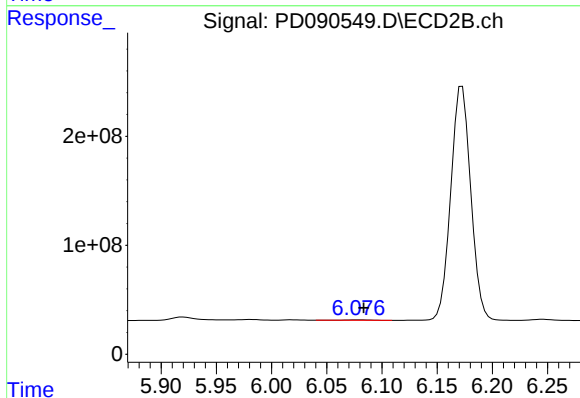
R.T.: 5.177 min
Delta R.T.: -0.007 min
Response: 29395567
Conc: 9.03 ng/ml



#27 Chlordane-5

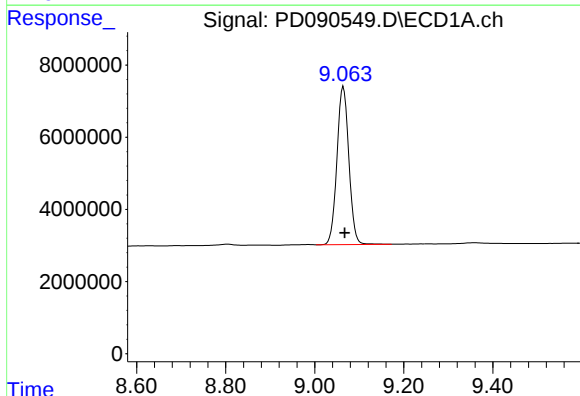
R.T.: 6.868 min
Delta R.T.: 0.001 min
Response: 2853048
Conc: 16.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



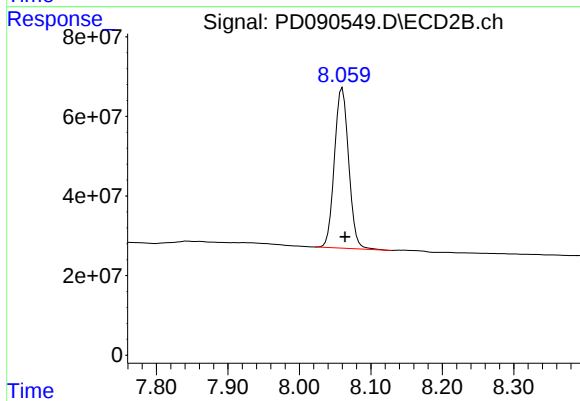
#27 Chlordane-5

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 6995557
Conc: 4.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: -0.003 min
Response: 81330265
Conc: 16.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 557884012
Conc: 17.21 ng/ml