

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
 Data File : PD084511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2024 12:13
 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 19 15:50:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 15:48:44 2024
 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...	3.583	2.926	16728153	114.1E6	19.696	20.568
28)	SA Decachlor...	9.115	8.137	35467854	96409255	20.433	20.893
Target Compounds							
2)	A alpha-BHC	4.031	3.440	13952521	94022623	9.362	11.368
3)	MA gamma-BHC...	4.362	3.776	14283171	87312407	9.491	11.038
4)	MA Heptachlor	4.980f	4.144	76885	-60892	0.048	N.D. #
5)	MB Aldrin	0.000	4.414	0	718847	N.D.	0.096 #
6)	B beta-BHC	4.543	4.069	6577748	39930651	10.138	11.272
7)	B delta-BHC	4.788	4.307	107310	158992	0.070	0.019 #
8)	B Heptachlo...	5.715	4.924	235776	1355375	0.151	0.199 #
9)	A Endosulfan I	6.110	5.296	380963	502230	0.246	0.079 #
10)	B gamma-Chl...	0.000	5.179	0	1232195	N.D.	0.174 #
11)	B alpha-Chl...	6.036f	5.244	841510	777243	0.524	0.114 #
12)	B 4,4'-DDE	6.245f	5.431	181989	867461	0.116	0.126
13)	MA Dieldrin	0.000	5.561	0	1336680	N.D.	0.189 #
14)	MA Endrin	6.609	5.845	66572659	304.8E6	46.827	46.332
15)	B Endosulfa...	6.837f	6.142	1699396	3216771	1.141	0.530 #
16)	A 4,4'-DDD	6.740	5.985	736702	2753492	0.628	0.479
17)	MA 4,4'-DDT	7.054	6.240	138.3E6	537.0E6	100.257	90.540
18)	B Endrin al...	6.950	6.315	1887755	8793165	1.664	1.973
19)	B Endosulfa...	7.196	6.539	-62839	1062674	N.D.	0.197
20)	A Methoxychlor	7.525	6.812	190.9E6	586.1E6	251.244	195.256
21)	B Endrin ke...	7.665	7.051	2947327	18791280	1.837	2.971 #
22)	Mirex	0.000	7.249	0	1817156	N.D.	0.402 #
23)	Chlordane-1	0.000	3.952	0	340737	N.D.	1.435 #
24)	Chlordane-2	0.000	4.540	0	300288	N.D.	1.147 #
25)	Chlordane-3	0.000	5.179	0	1232195	N.D.	1.746 #
26)	Chlordane-4	6.036f	5.244	841510	777243	2.864	1.358 #
27)	Chlordane-5	0.000	6.142	0	3216771	N.D.	11.497 #

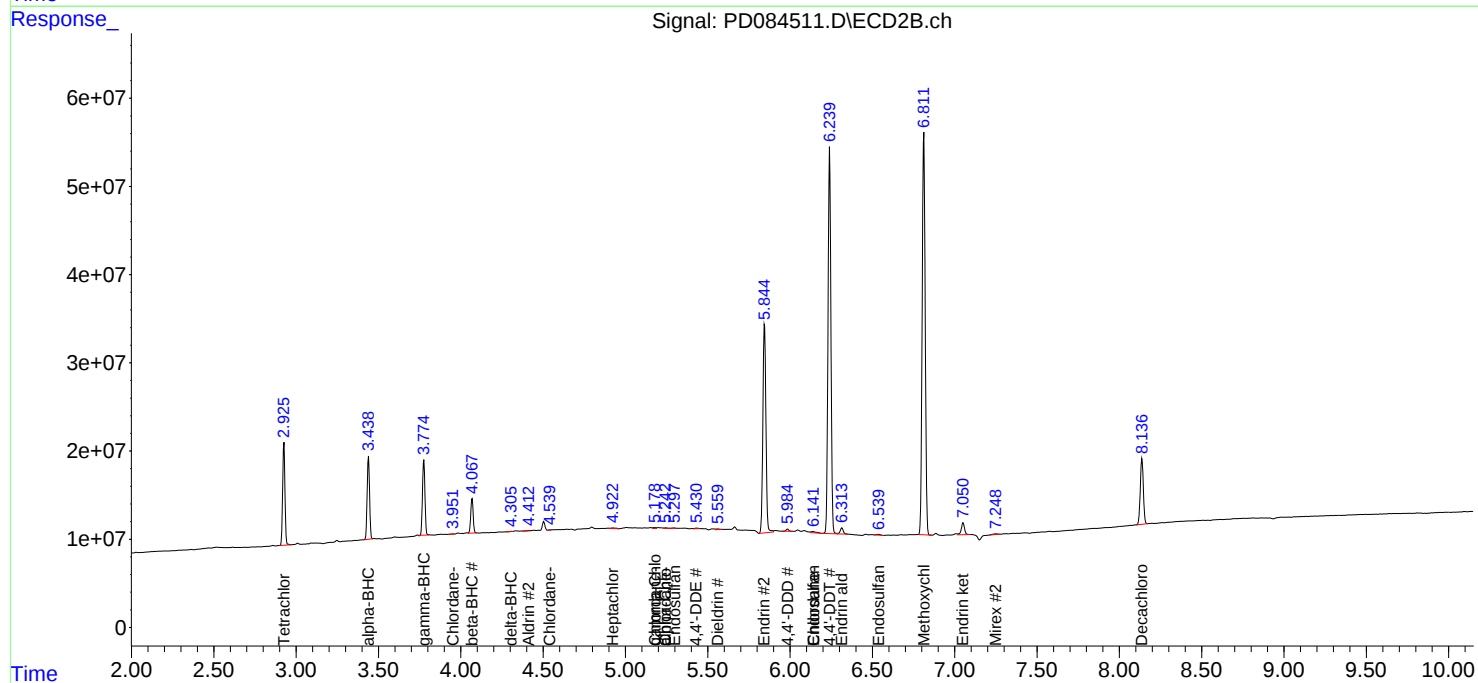
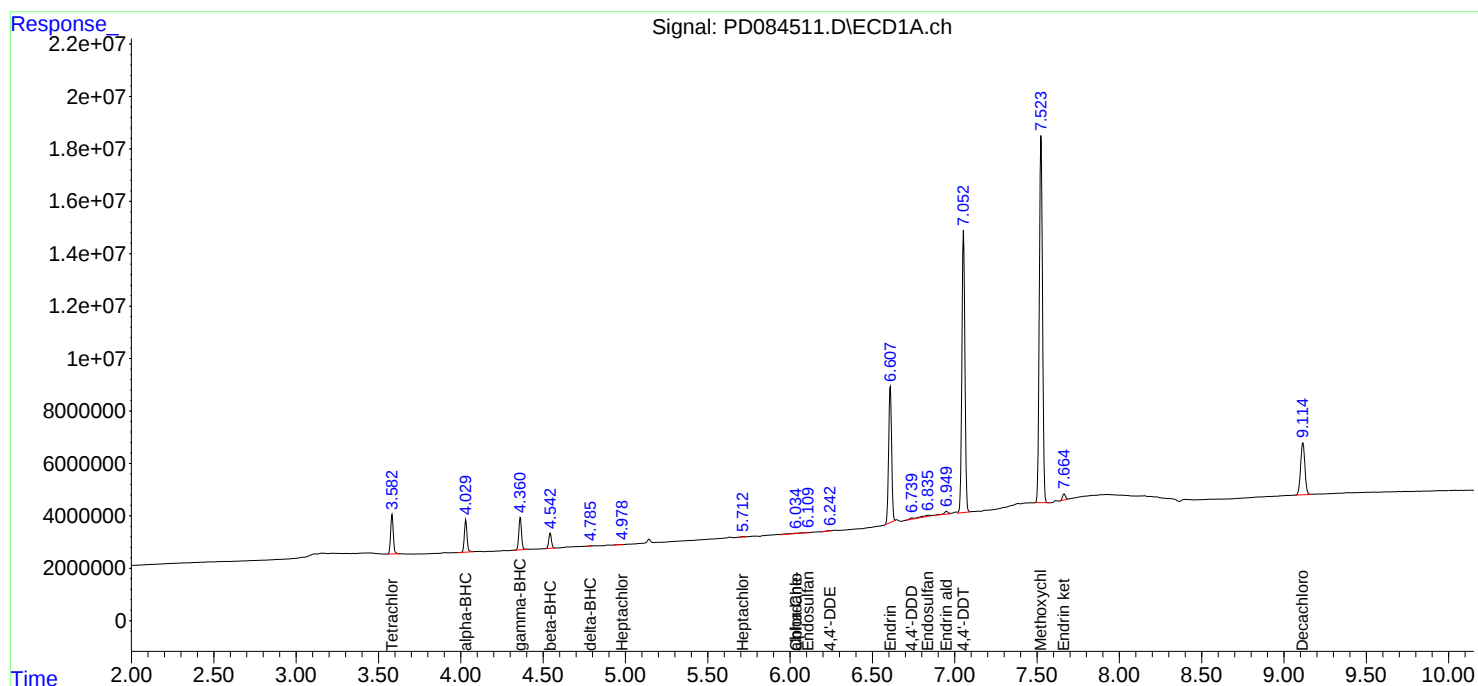
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

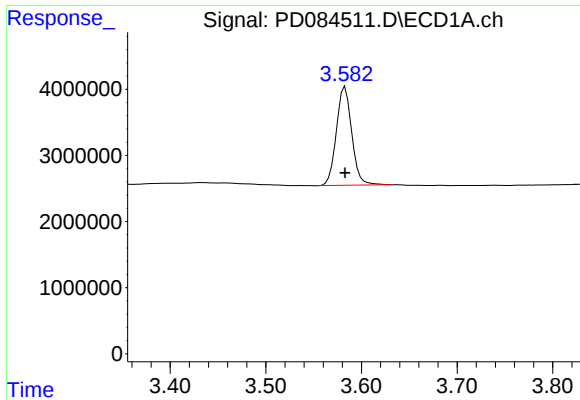
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081924\
Data File : PD084511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2024 12:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 15:50:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081924.M
Quant Title : GC Extractables
QLast Update : Mon Aug 19 15:48:44 2024
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

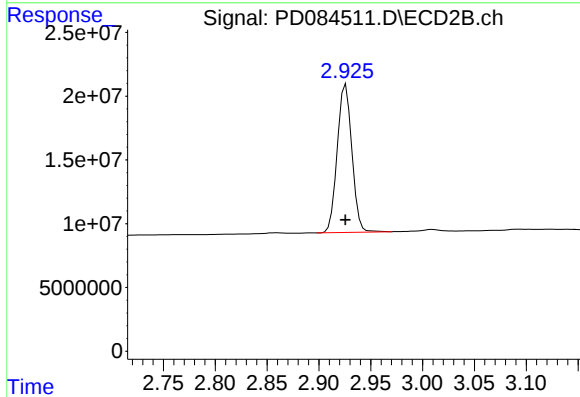




#1 Tetrachloro-m-xylene

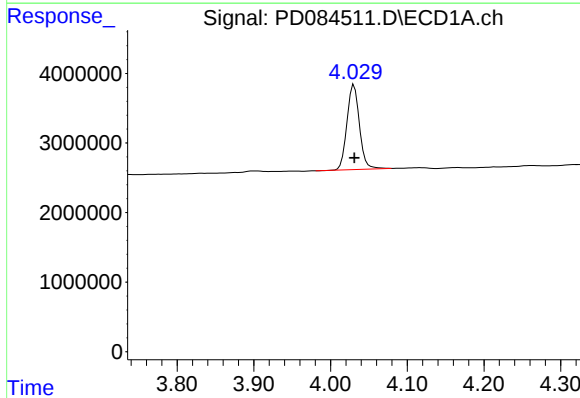
R.T.: 3.583 min
Delta R.T.: 0.000 min
Response: 16728153
Conc: 19.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



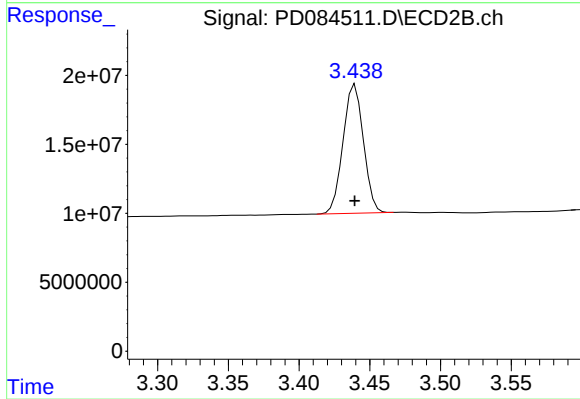
#1 Tetrachloro-m-xylene

R.T.: 2.926 min
Delta R.T.: 0.000 min
Response: 114111291
Conc: 20.57 ng/ml



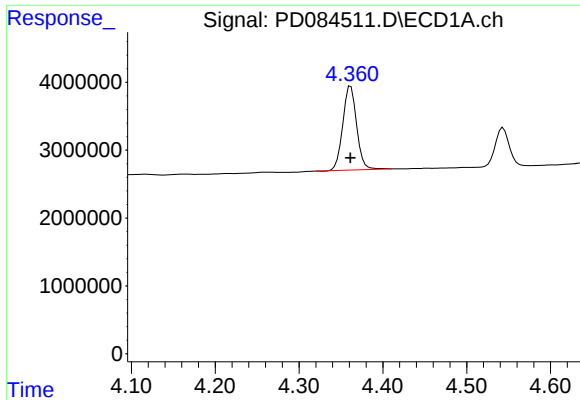
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 13952521
Conc: 9.36 ng/ml



#2 alpha-BHC

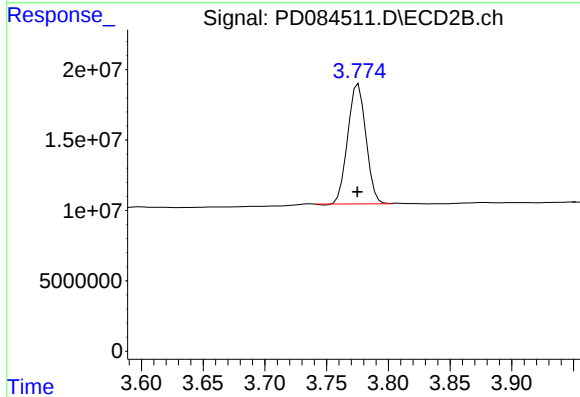
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 94022623
Conc: 11.37 ng/ml



#3 gamma-BHC (Lindane)

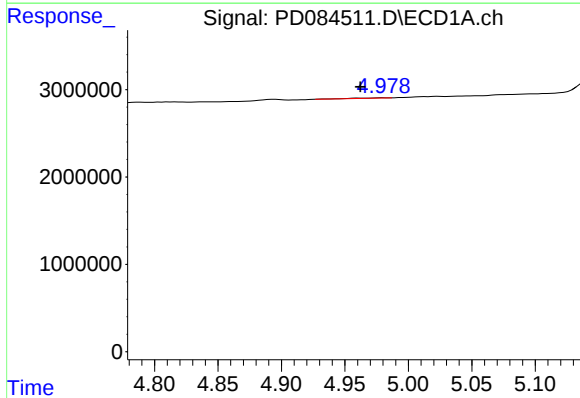
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 14283171
Conc: 9.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



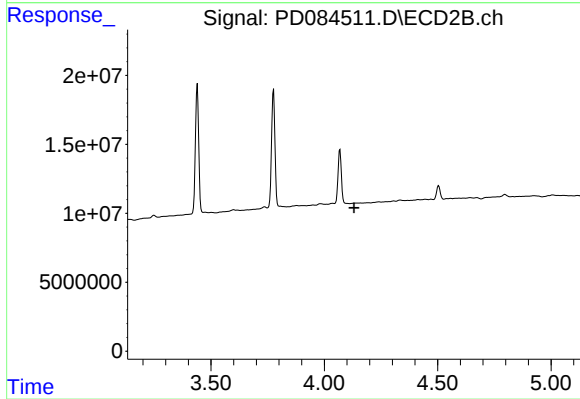
#3 gamma-BHC (Lindane)

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 87312407
Conc: 11.04 ng/ml



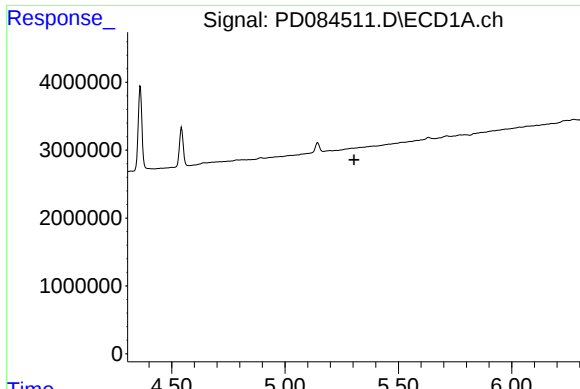
#4 Heptachlor

R.T.: 4.980 min
Delta R.T.: 0.018 min
Response: 76885
Conc: 0.05 ng/ml



#4 Heptachlor

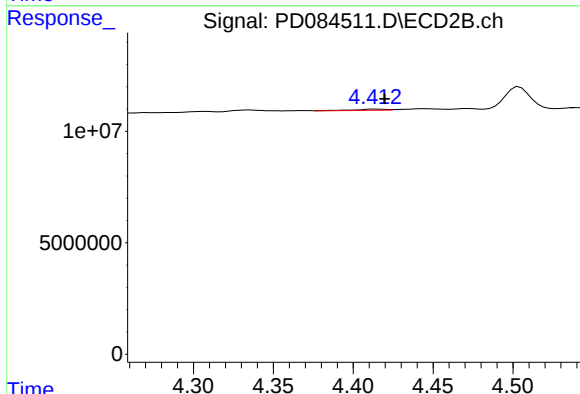
R.T.: 4.144 min
Delta R.T.: 0.012 min
Response: -60892
Conc: N.D.



#5 Aldrin

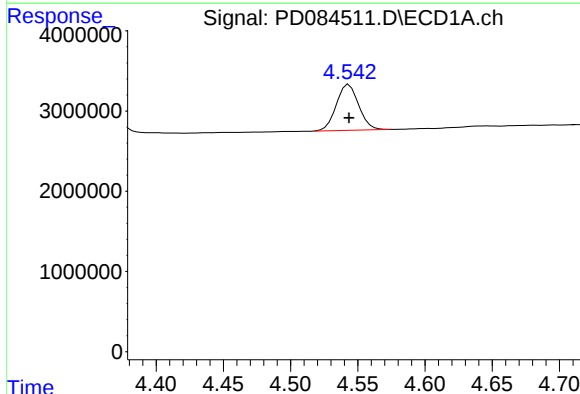
R.T.: 0.000 min
Exp R.T.: 5.304 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



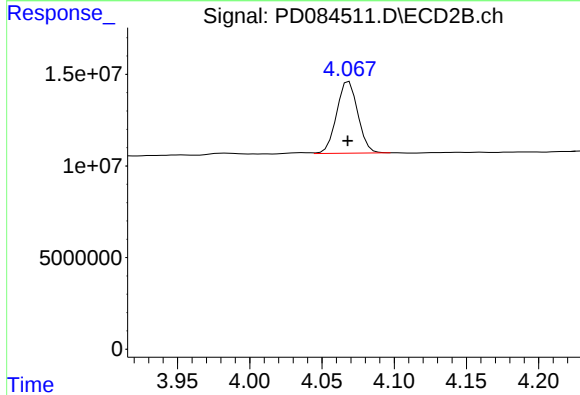
#5 Aldrin

R.T.: 4.414 min
Delta R.T.: -0.006 min
Response: 718847
Conc: 0.10 ng/ml



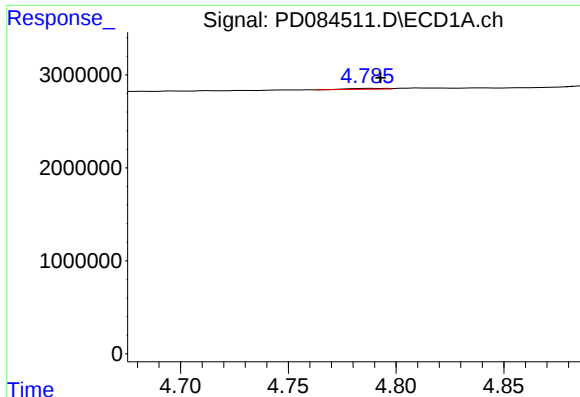
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: 0.000 min
Response: 6577748
Conc: 10.14 ng/ml



#6 beta-BHC

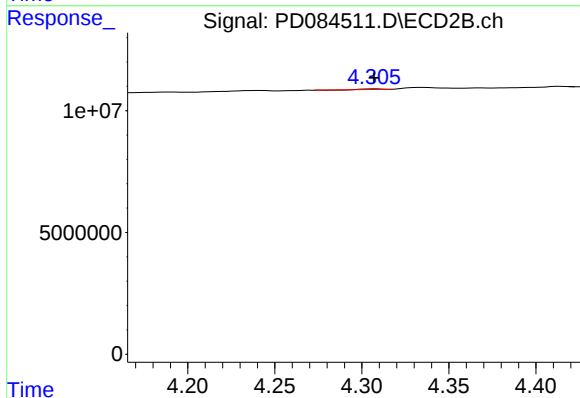
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 39930651
Conc: 11.27 ng/ml



#7 delta-BHC

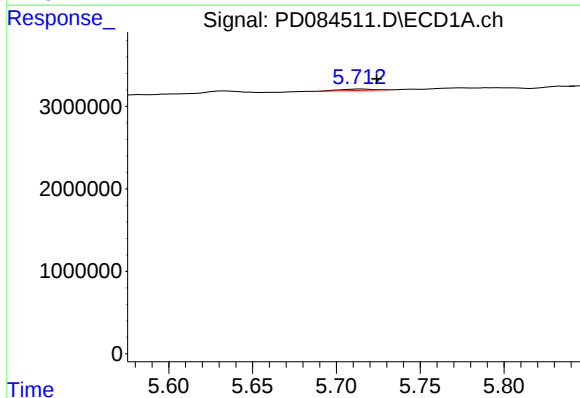
R.T.: 4.788 min
Delta R.T.: -0.004 min
Response: 107310
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



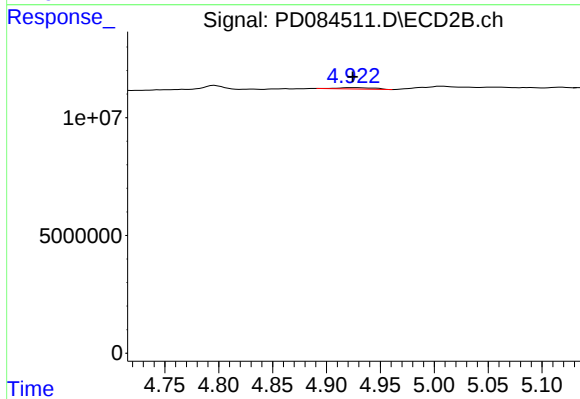
#7 delta-BHC

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 158992
Conc: 0.02 ng/ml



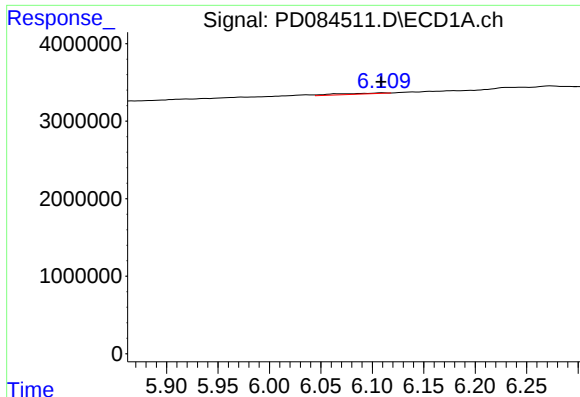
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.009 min
Response: 235776
Conc: 0.15 ng/ml



#8 Heptachlor epoxide

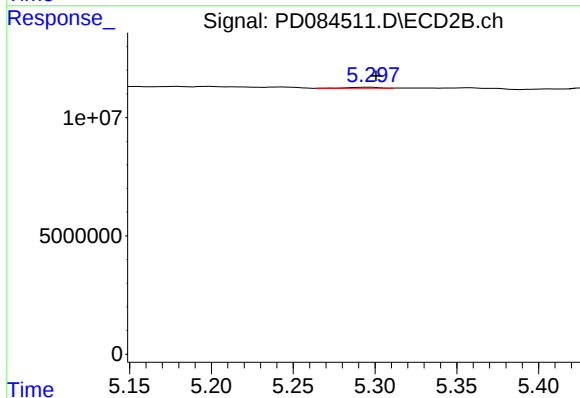
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 1355375
Conc: 0.20 ng/ml



#9 Endosulfan I

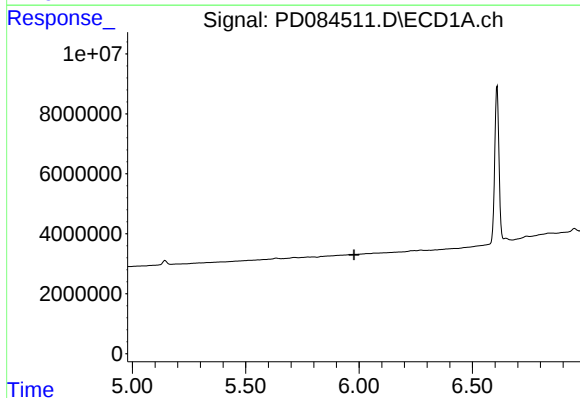
R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 380963
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



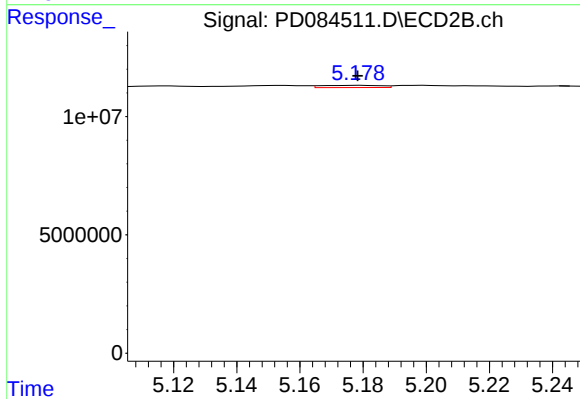
#9 Endosulfan I

R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 502230
Conc: 0.08 ng/ml



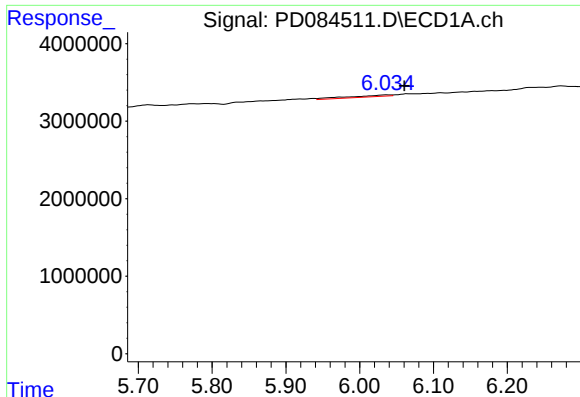
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.979 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

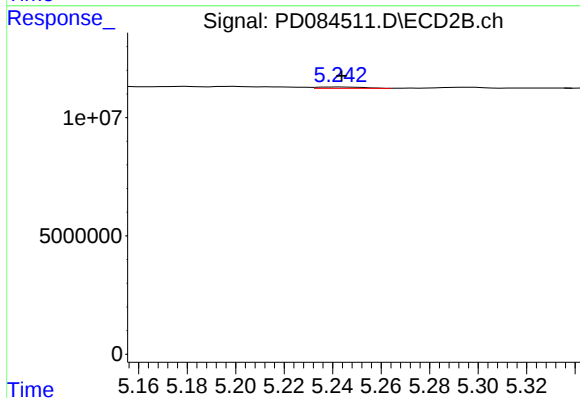
R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1232195
Conc: 0.17 ng/ml



#11 alpha-Chlordane

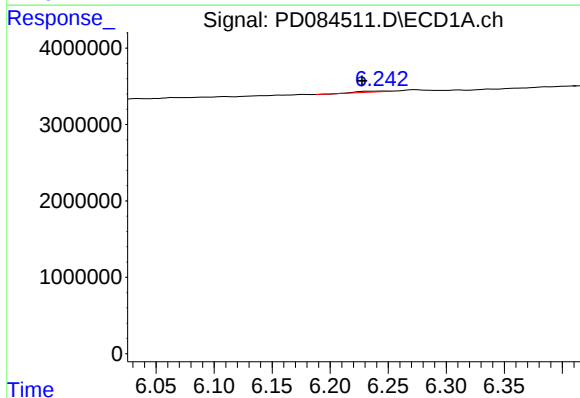
R.T.: 6.036 min
Delta R.T.: -0.025 min
Response: 841510
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



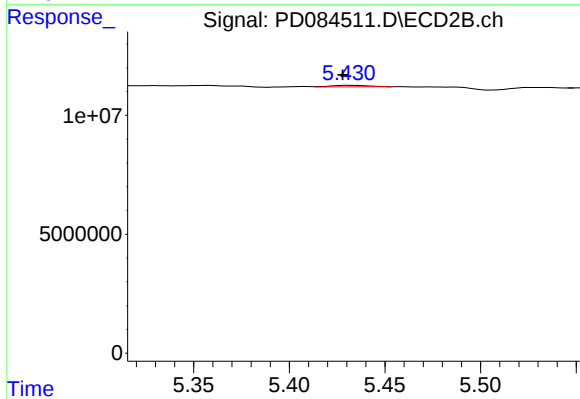
#11 alpha-Chlordane

R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 777243
Conc: 0.11 ng/ml



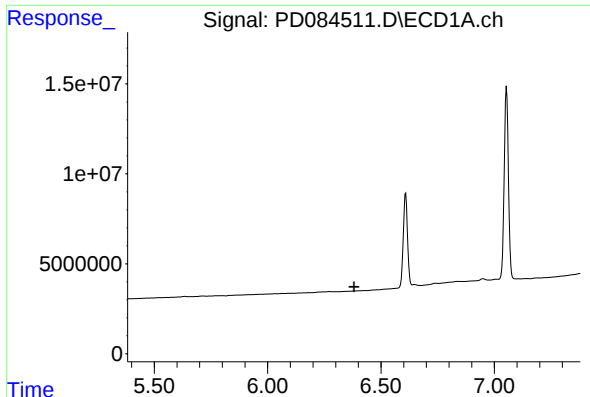
#12 4,4'-DDE

R.T.: 6.245 min
Delta R.T.: 0.018 min
Response: 181989
Conc: 0.12 ng/ml



#12 4,4'-DDE

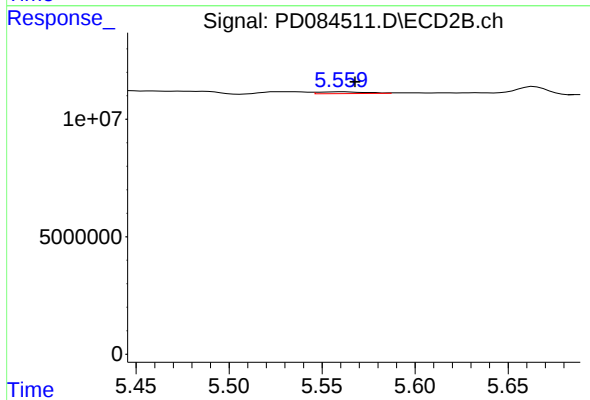
R.T.: 5.431 min
Delta R.T.: 0.003 min
Response: 867461
Conc: 0.13 ng/ml



#13 Dieldrin

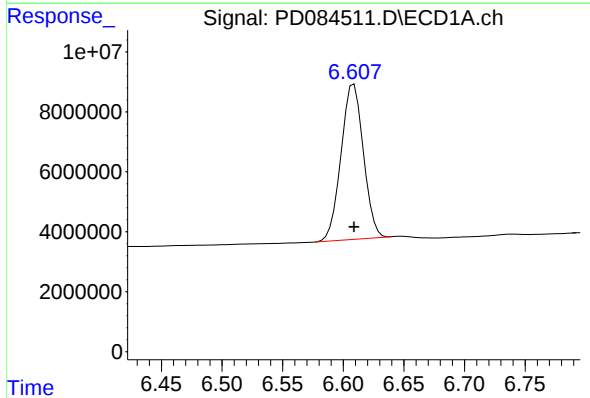
R.T.: 0.000 min
Exp R.T.: 6.381 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



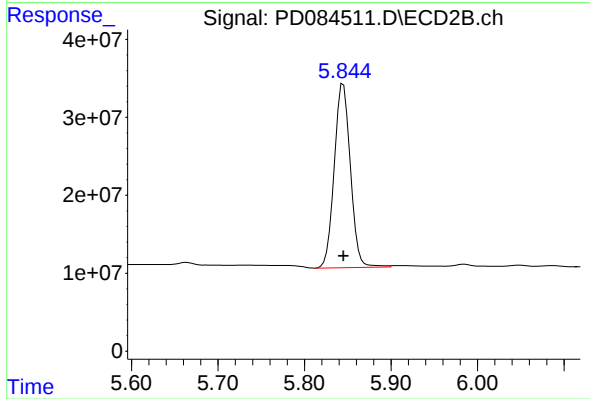
#13 Dieldrin

R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 1336680
Conc: 0.19 ng/ml



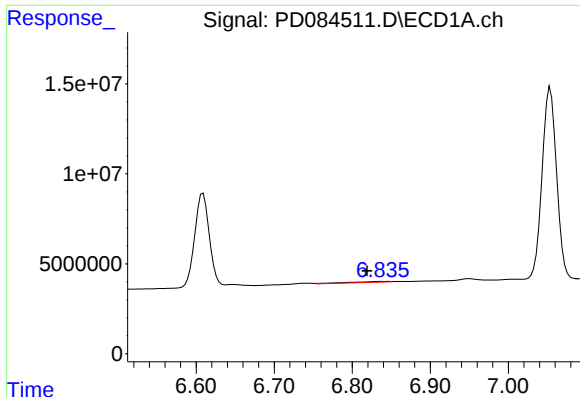
#14 Endrin

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 66572659
Conc: 46.83 ng/ml



#14 Endrin

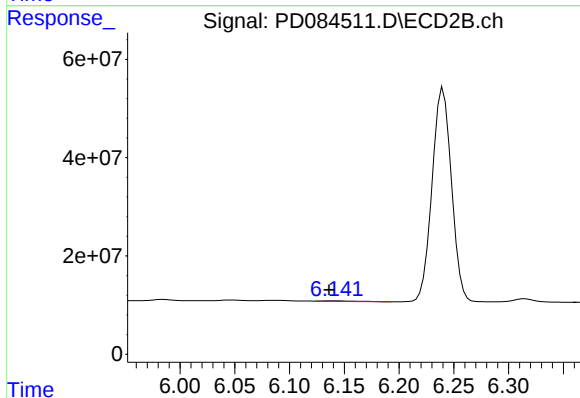
R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 304754727
Conc: 46.33 ng/ml



#15 Endosulfan II

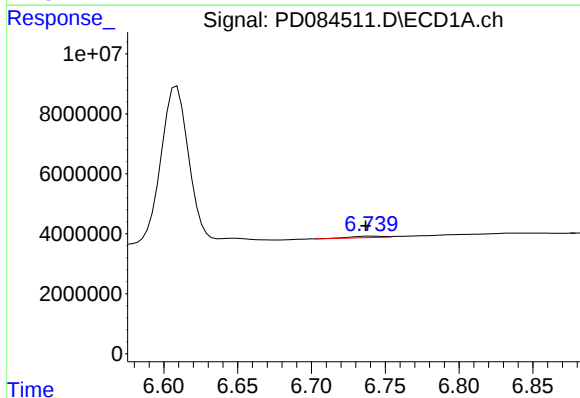
R.T.: 6.837 min
Delta R.T.: 0.018 min
Response: 1699396
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



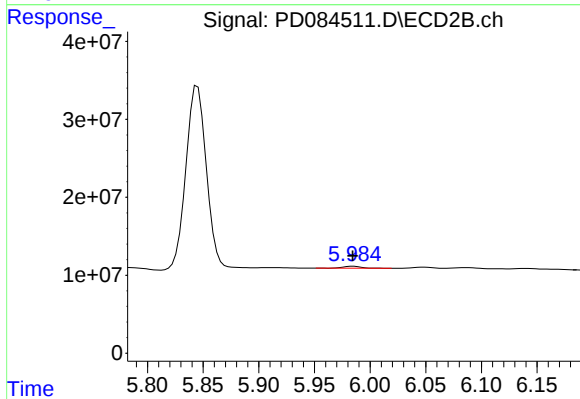
#15 Endosulfan II

R.T.: 6.142 min
Delta R.T.: 0.006 min
Response: 3216771
Conc: 0.53 ng/ml



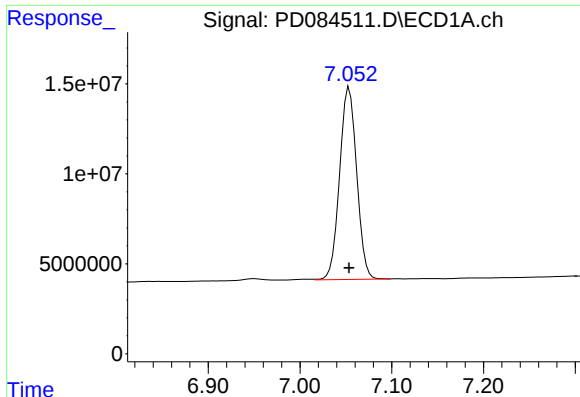
#16 4,4'-DDD

R.T.: 6.740 min
Delta R.T.: 0.003 min
Response: 736702
Conc: 0.63 ng/ml



#16 4,4'-DDD

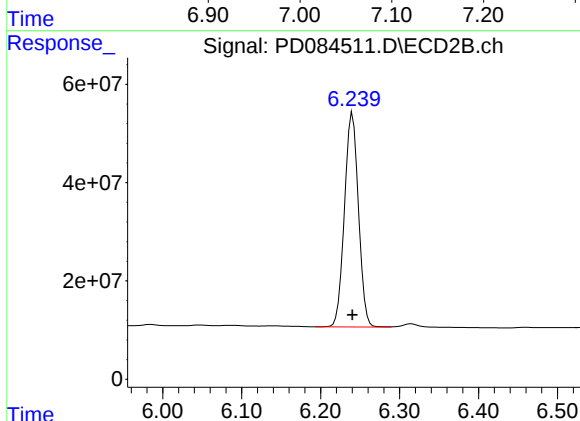
R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 2753492
Conc: 0.48 ng/ml



#17 4,4'-DDT

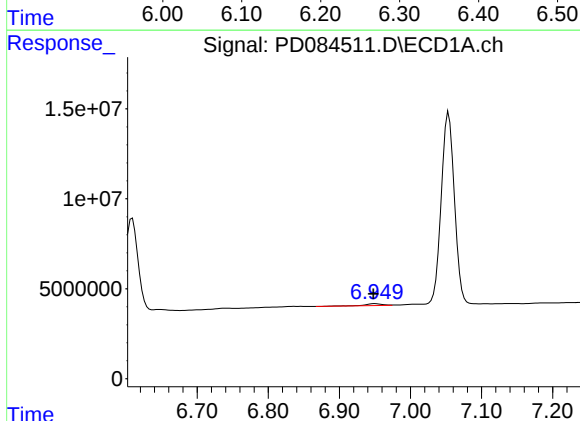
R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 138325553
Conc: 100.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



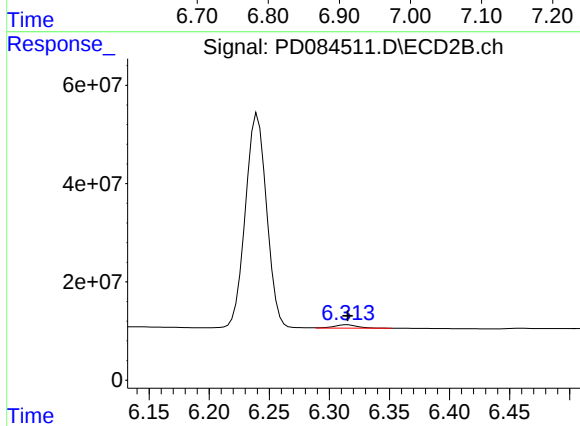
#17 4,4'-DDT

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 536996797
Conc: 90.54 ng/ml



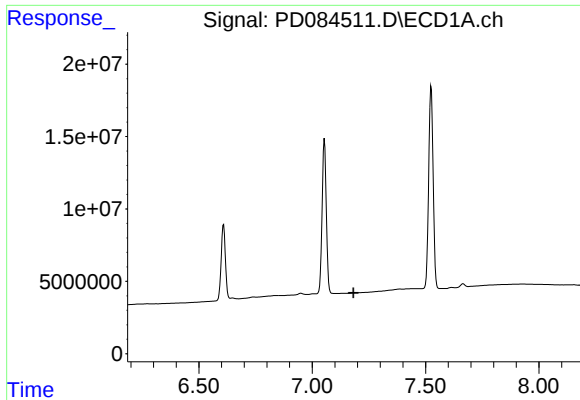
#18 Endrin aldehyde

R.T.: 6.950 min
Delta R.T.: 0.002 min
Response: 1887755
Conc: 1.66 ng/ml



#18 Endrin aldehyde

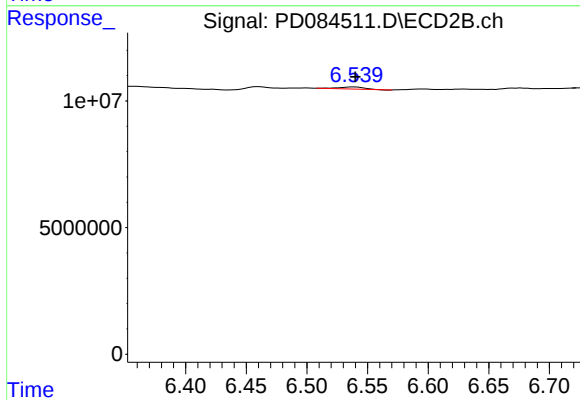
R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 8793165
Conc: 1.97 ng/ml



#19 Endosulfan Sulfate

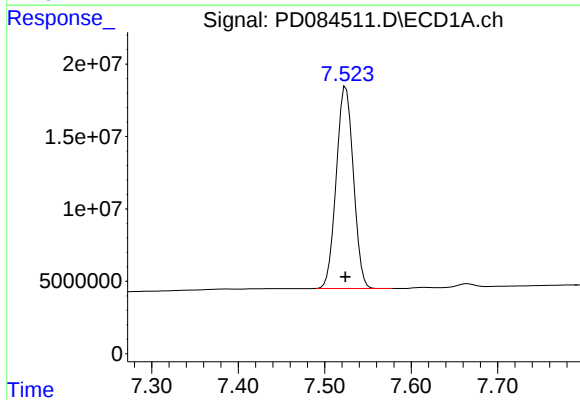
R.T.: 7.196 min
Delta R.T.: 0.014 min
Response: -62839
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



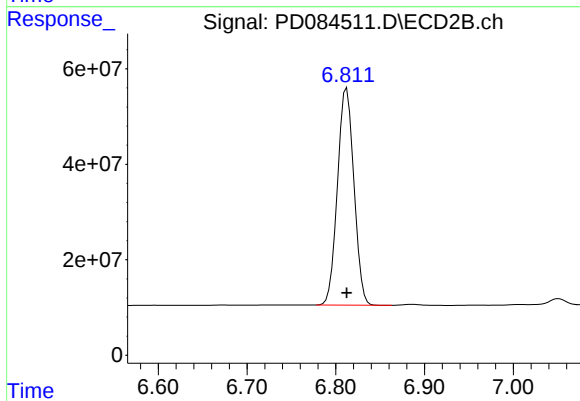
#19 Endosulfan Sulfate

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 1062674
Conc: 0.20 ng/ml



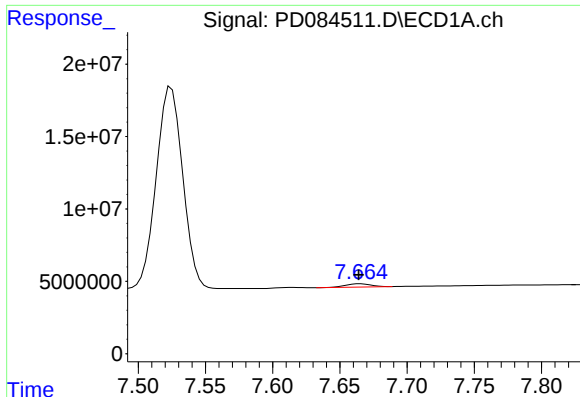
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 190860444
Conc: 251.24 ng/ml



#20 Methoxychlor

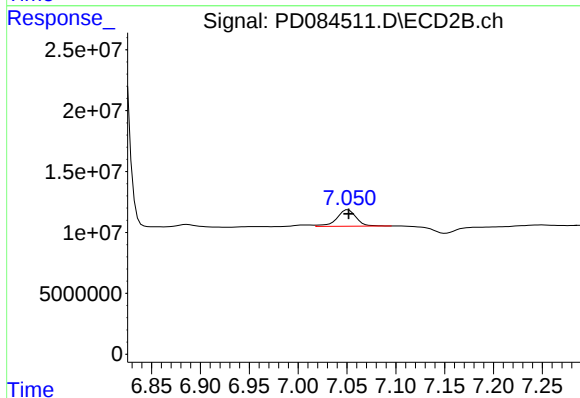
R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 586076222
Conc: 195.26 ng/ml



#21 Endrin ketone

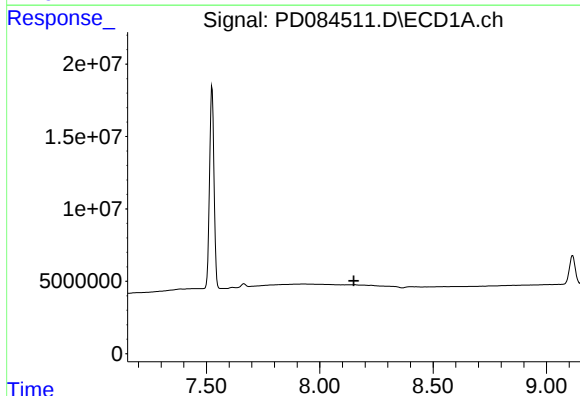
R.T.: 7.665 min
Delta R.T.: 0.001 min
Response: 2947327
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



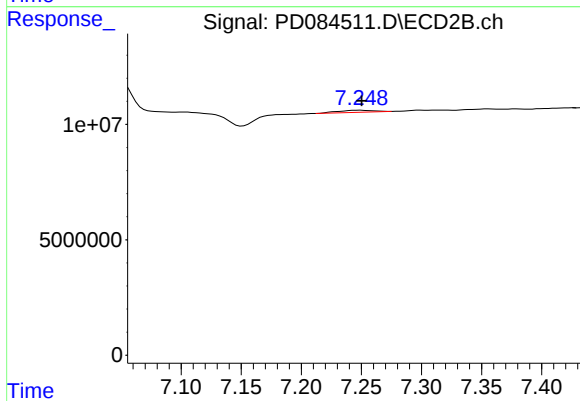
#21 Endrin ketone

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 18791280
Conc: 2.97 ng/ml



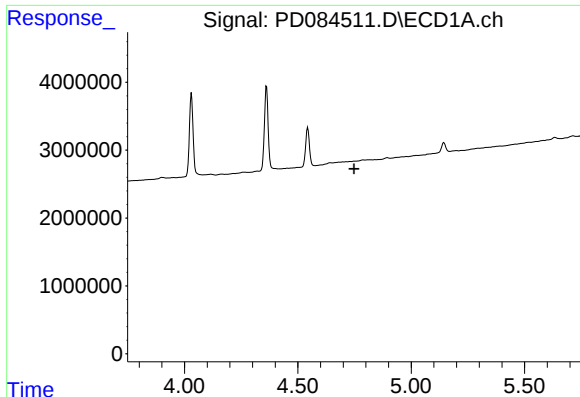
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.150 min
Response: 0
Conc: N.D.



#22 Mirex

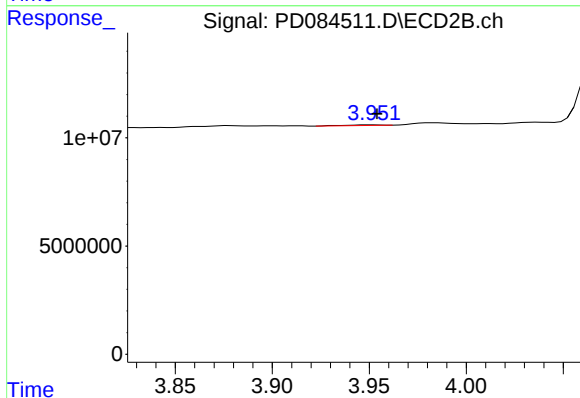
R.T.: 7.249 min
Delta R.T.: -0.002 min
Response: 1817156
Conc: 0.40 ng/ml



#23 Chlordane-1

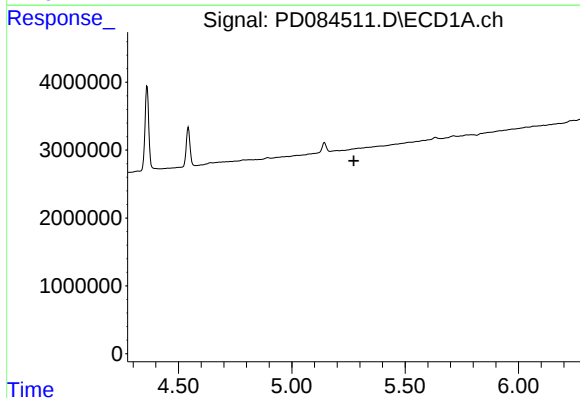
R.T.: 0.000 min
Exp R.T.: 4.748 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



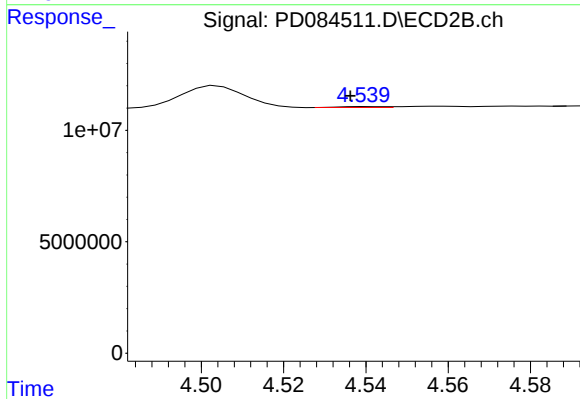
#23 Chlordane-1

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 340737
Conc: 1.44 ng/ml



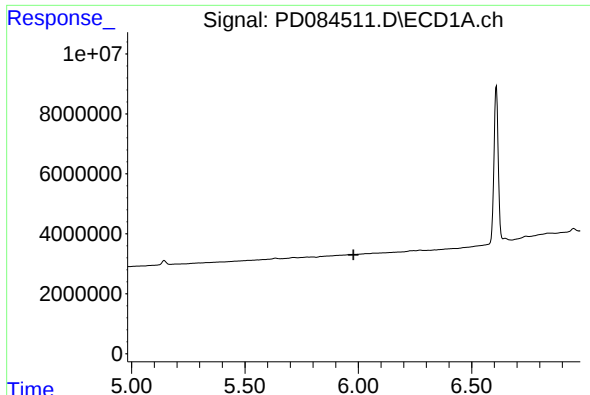
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.274 min
Response: 0
Conc: N.D.



#24 Chlordane-2

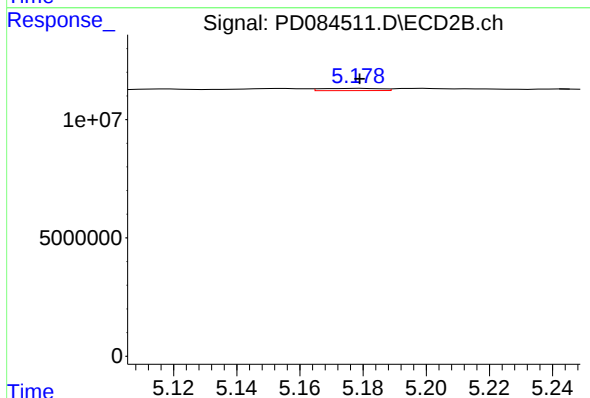
R.T.: 4.540 min
Delta R.T.: 0.004 min
Response: 300288
Conc: 1.15 ng/ml



#25 Chlordane-3

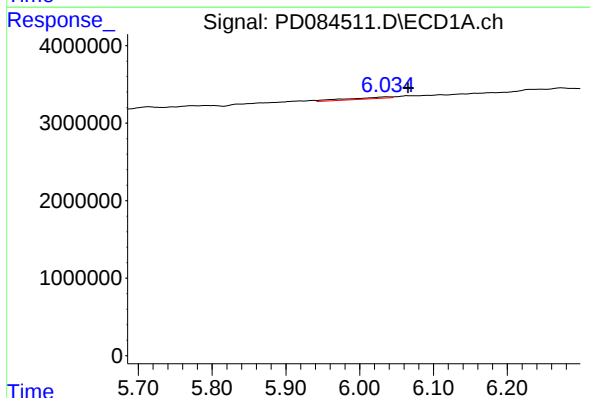
R.T.: 0.000 min
Exp R.T.: 5.979 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



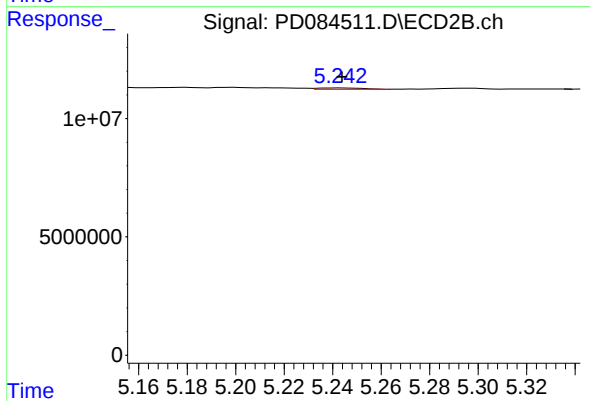
#25 Chlordane-3

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 1232195
Conc: 1.75 ng/ml



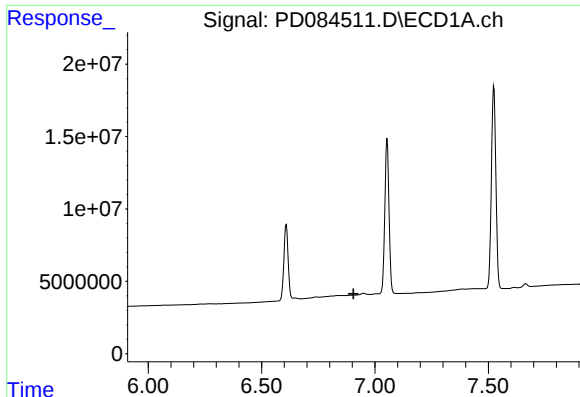
#26 Chlordane-4

R.T.: 6.036 min
Delta R.T.: -0.030 min
Response: 841510
Conc: 2.86 ng/ml



#26 Chlordane-4

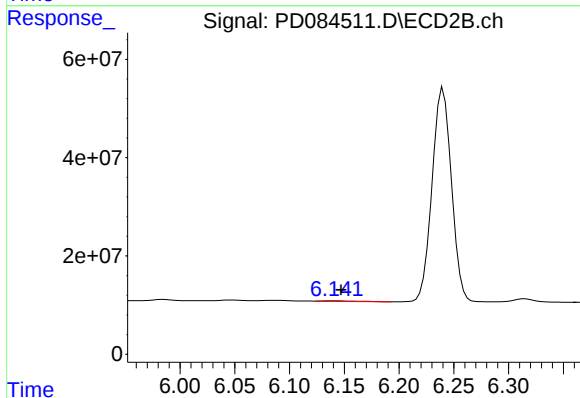
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 777243
Conc: 1.36 ng/ml



#27 Chlordane-5

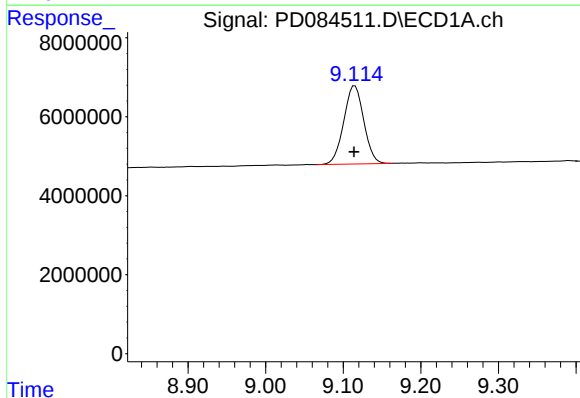
R.T.: 0.000 min
Exp R.T.: 6.906 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



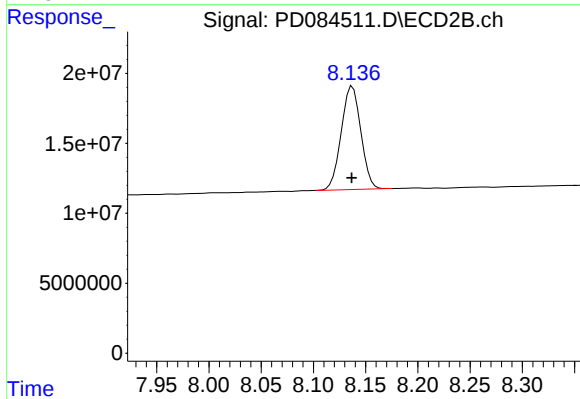
#27 Chlordane-5

R.T.: 6.142 min
Delta R.T.: -0.005 min
Response: 3216771
Conc: 11.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.001 min
Response: 35467854
Conc: 20.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.137 min
Delta R.T.: 0.000 min
Response: 96409255
Conc: 20.89 ng/ml