

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121523\
 Data File : PD080086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 09:01
 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: Dec 14 21:44:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 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...	3.568	2.801	30315314	50519835	20.114	20.097
28)	SA Decachlor...	9.111	7.940	31989360	44720941	15.804	15.865
Target Compounds							
2)	A alpha-BHC	4.025	3.303	24293363	38463797	9.671	10.059
3)	MA gamma-BHC...	4.358	3.632	23692897	36967188	10.000	10.172
4)	MA Heptachlor	4.968f	0.000	121174	0	0.049	N.D. #
5)	MB Aldrin	0.000	4.262	0	700277	N.D.	0.197 #
6)	B beta-BHC	4.552	3.928	11379320	18127502	11.371	11.742
7)	B delta-BHC	4.786	0.000	657681	0	0.269	N.D. #
8)	B Heptachlo...	0.000	4.758	0	138543	N.D.	0.042 #
9)	A Endosulfan I	0.000	5.123	0	118826	N.D.	0.039 #
10)	B gamma-Chl...	5.945f	5.013	1412064	2277869	0.649	0.707
12)	B 4,4'-DDE	6.225	5.262	220370	525103	0.110	0.174 #
13)	MA Dieldrin	6.401f	0.000	1035258	0	0.474	N.D. #
14)	MA Endrin	6.612	5.666	77895543	136.6E6	42.954	48.620
15)	B Endosulfa...	6.843	5.975f	1056858	834258	0.555	0.306 #
16)	A 4,4'-DDD	6.743	5.814	3111510	5449658	1.857	2.116
17)	MA 4,4'-DDT	7.057	6.064	156.0E6	247.9E6	87.676	97.584
18)	B Endrin al...	6.960	6.139	3476921	5987115	2.427	2.916
19)	B Endosulfa...	7.212f	6.350	17730	197883	0.009	0.074 #
20)	A Methoxychlor	7.532	6.638	188.1E6	309.6E6	190.274	211.714
21)	B Endrin ke...	7.680	6.865	5763185	11354814	2.783	3.633 #
22)	Mirex	8.157	0.000	75570	0	0.046	N.D. #
24)	Chlordane-2	0.000	4.352f	0	224443	N.D.	1.964 #
25)	Chlordane-3	0.000	5.013	0	2277869	N.D.	7.230 #
27)	Chlordane-5	0.000	5.975	0	834258	N.D.	7.343 #

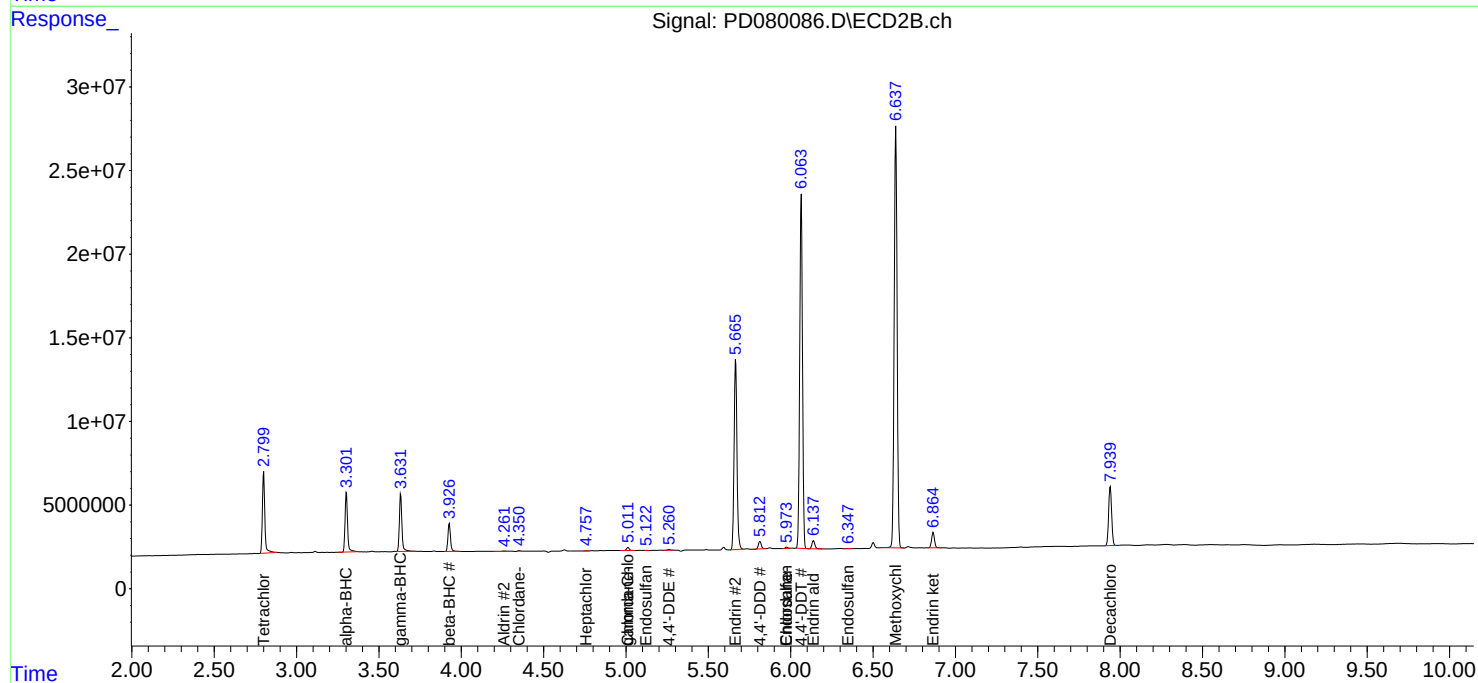
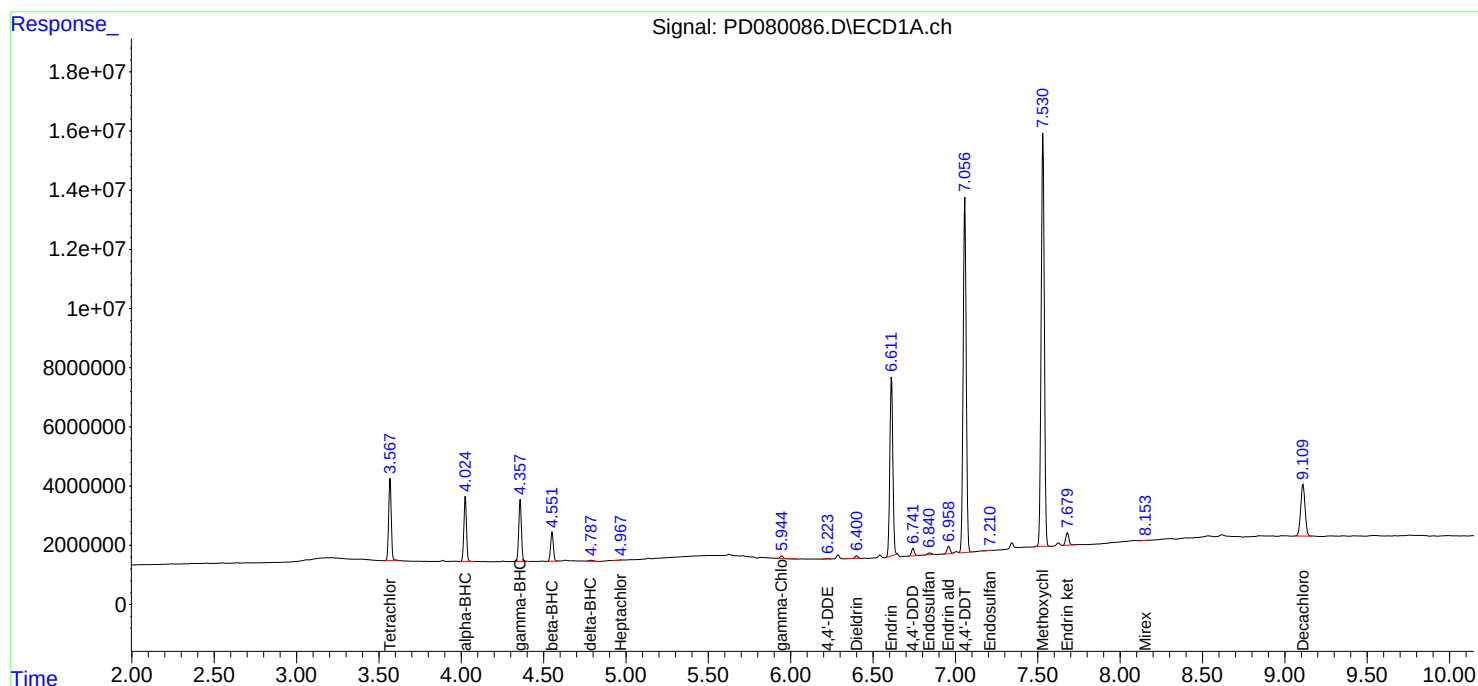
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

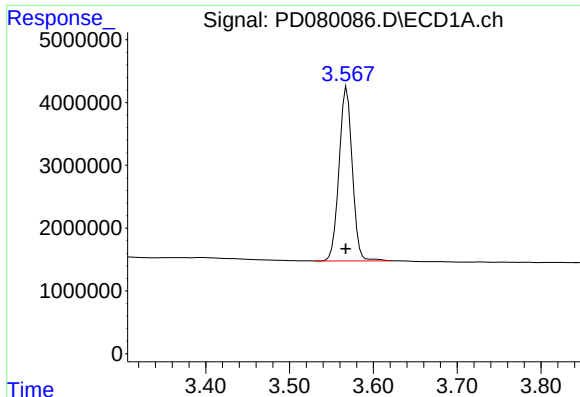
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121523\
Data File : PD080086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2023 09:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 21:44:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
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

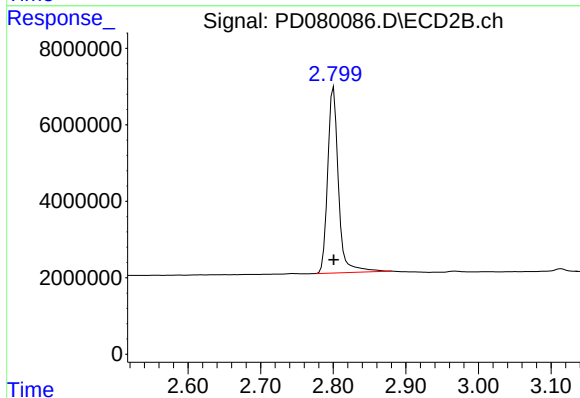




#1 Tetrachloro-m-xylene

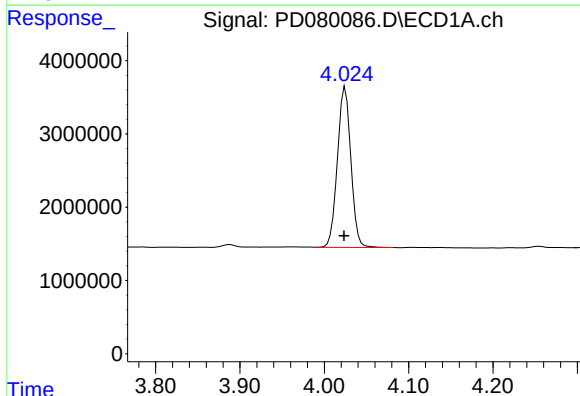
R.T.: 3.568 min
Delta R.T.: 0.001 min
Response: 30315314
Conc: 20.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



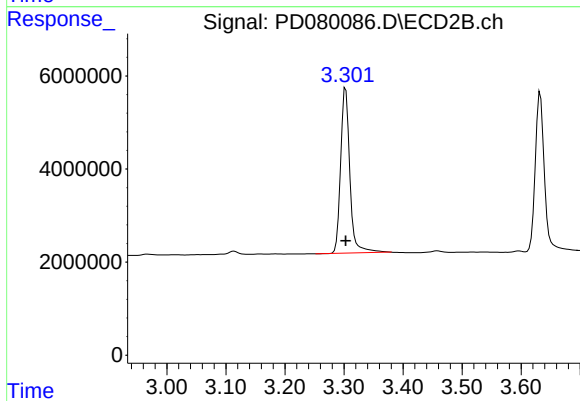
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 50519835
Conc: 20.10 ng/ml



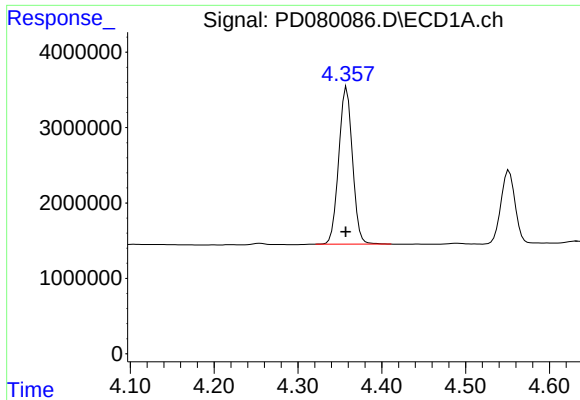
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: 0.001 min
Response: 24293363
Conc: 9.67 ng/ml



#2 alpha-BHC

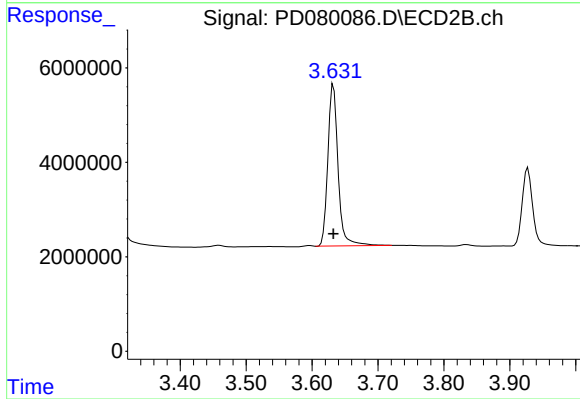
R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 38463797
Conc: 10.06 ng/ml



#3 gamma-BHC (Lindane)

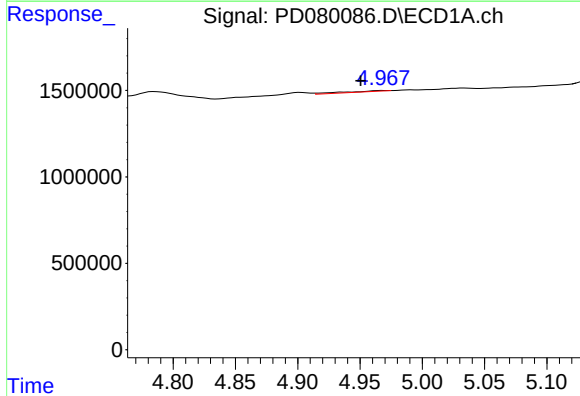
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 23692897
Conc: 10.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



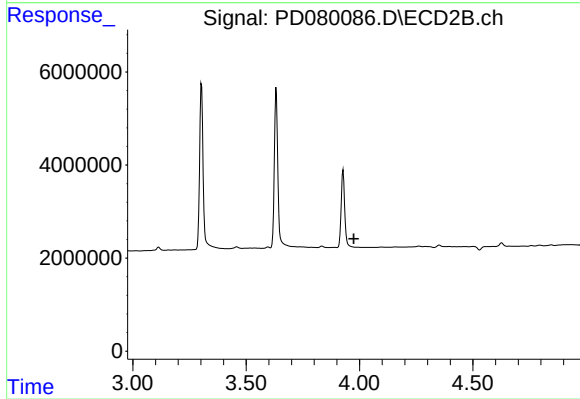
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 36967188
Conc: 10.17 ng/ml



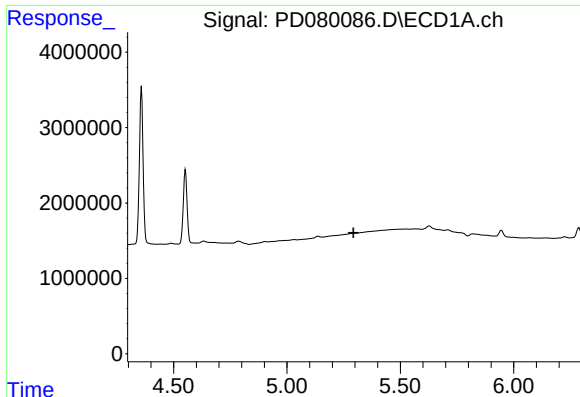
#4 Heptachlor

R.T.: 4.968 min
Delta R.T.: 0.018 min
Response: 121174
Conc: 0.05 ng/ml



#4 Heptachlor

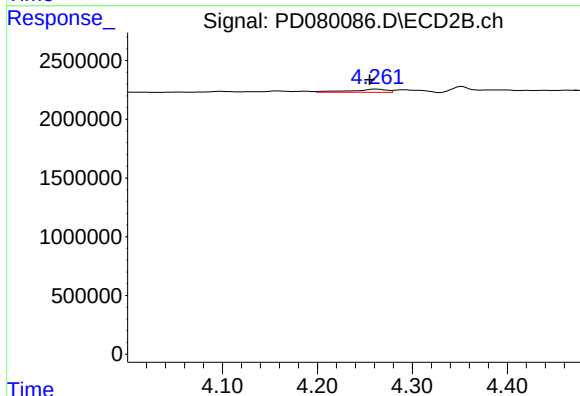
R.T.: 0.000 min
Exp R.T. : 3.975 min
Response: 0
Conc: N.D.



#5 Aldrin

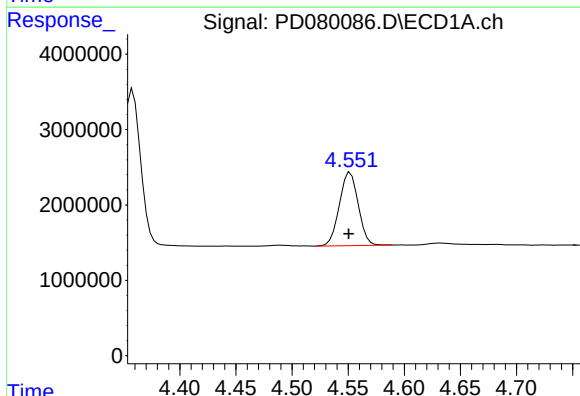
R.T.: 0.000 min
Exp R.T.: 5.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



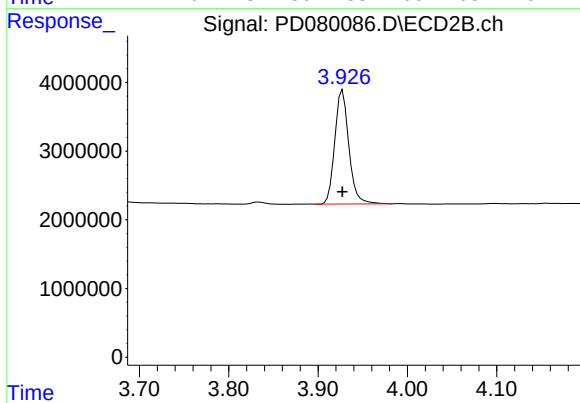
#5 Aldrin

R.T.: 4.262 min
Delta R.T.: 0.007 min
Response: 700277
Conc: 0.20 ng/ml



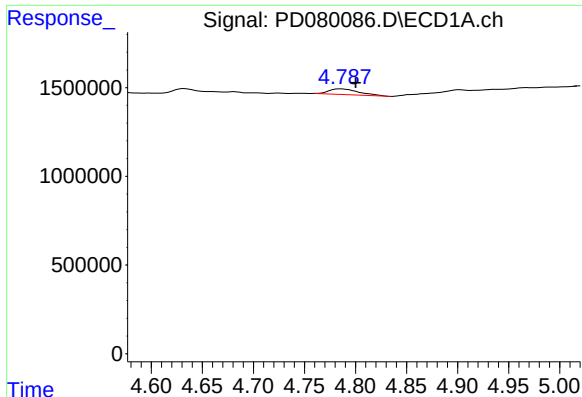
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.002 min
Response: 11379320
Conc: 11.37 ng/ml



#6 beta-BHC

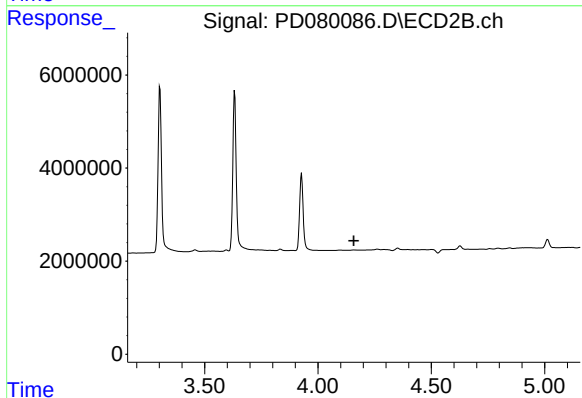
R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 18127502
Conc: 11.74 ng/ml



#7 delta-BHC

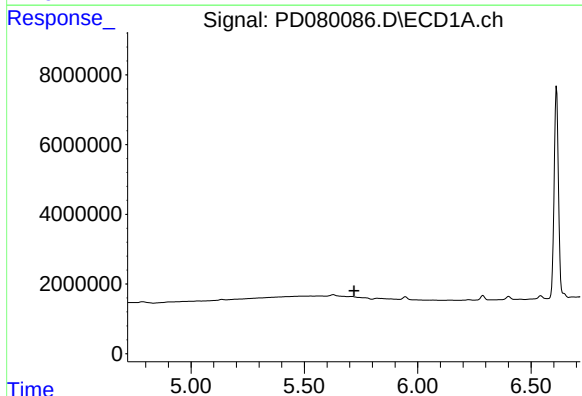
R.T.: 4.786 min
Delta R.T.: -0.015 min
Response: 657681
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



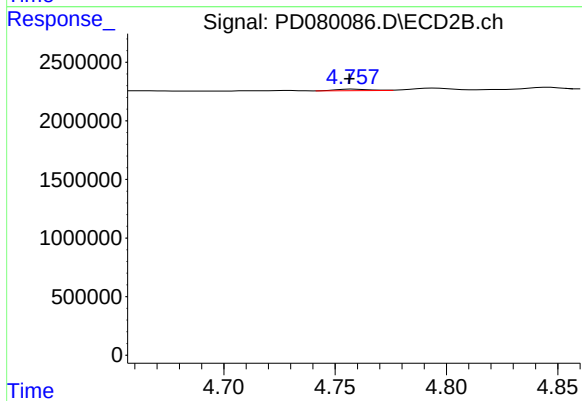
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.158 min
Response: 0
Conc: N.D.



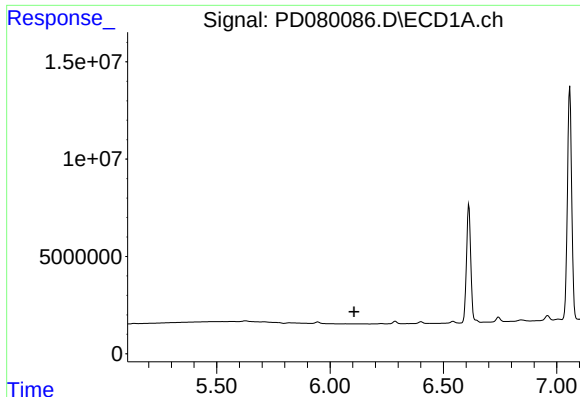
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.720 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

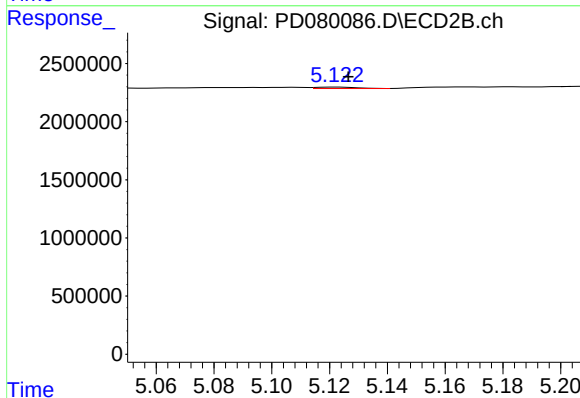
R.T.: 4.758 min
Delta R.T.: 0.002 min
Response: 138543
Conc: 0.04 ng/ml



#9 Endosulfan I

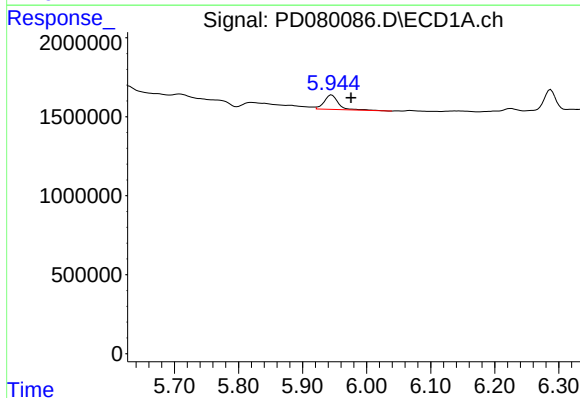
R.T.: 0.000 min
Exp R.T.: 6.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



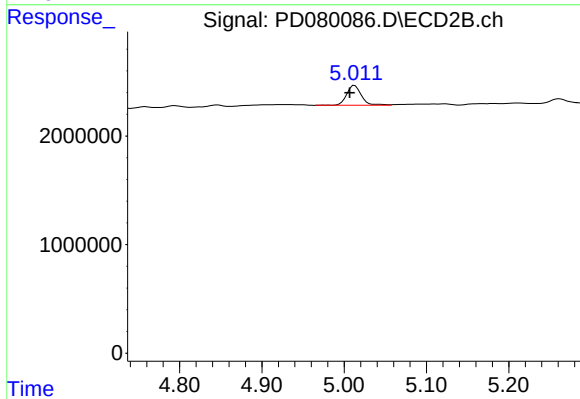
#9 Endosulfan I

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 118826
Conc: 0.04 ng/ml



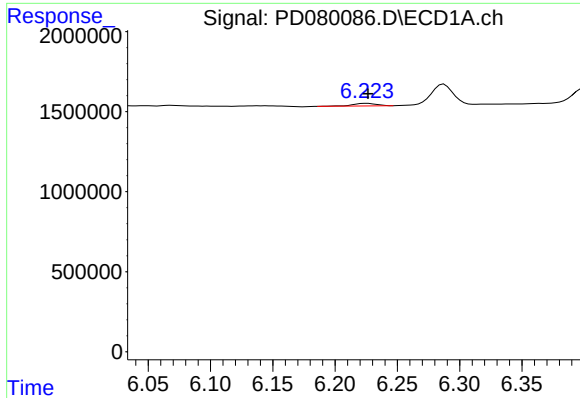
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.030 min
Response: 1412064
Conc: 0.65 ng/ml



#10 gamma-Chlordane

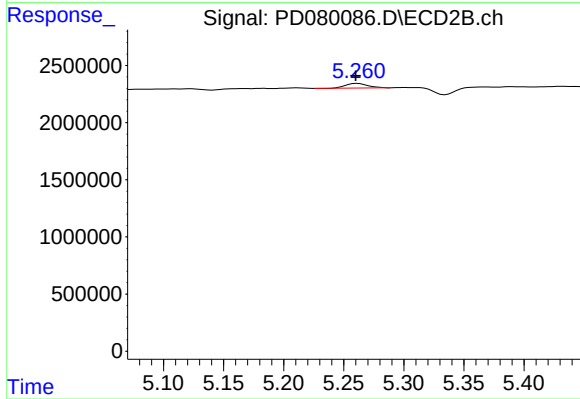
R.T.: 5.013 min
Delta R.T.: 0.006 min
Response: 2277869
Conc: 0.71 ng/ml



#12 4,4'-DDE

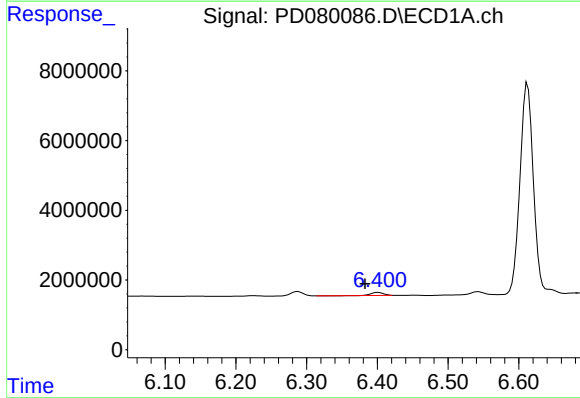
R.T.: 6.225 min
Delta R.T.: -0.001 min
Response: 220370
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



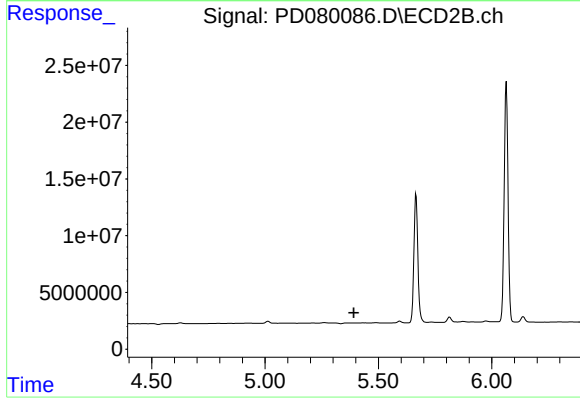
#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.002 min
Response: 525103
Conc: 0.17 ng/ml



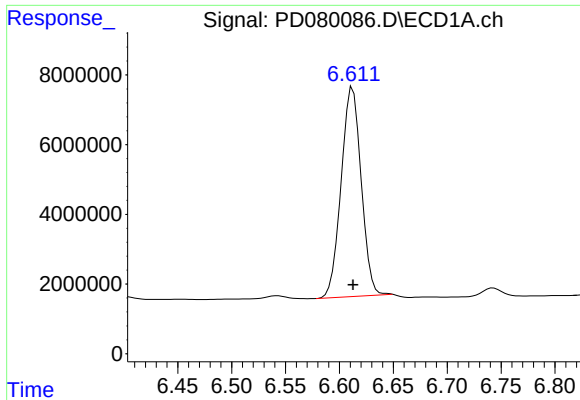
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: 0.019 min
Response: 1035258
Conc: 0.47 ng/ml



#13 Dieldrin

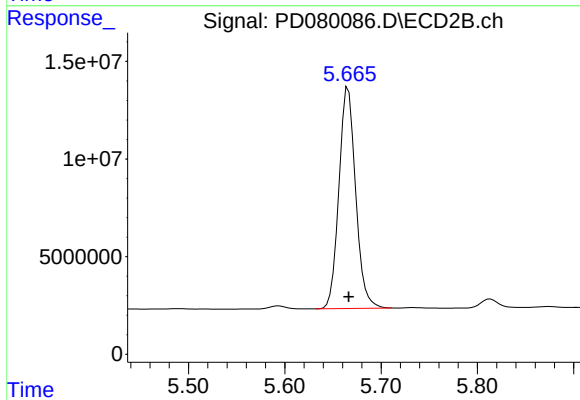
R.T.: 0.000 min
Exp R.T.: 5.392 min
Response: 0
Conc: N.D.



#14 Endrin

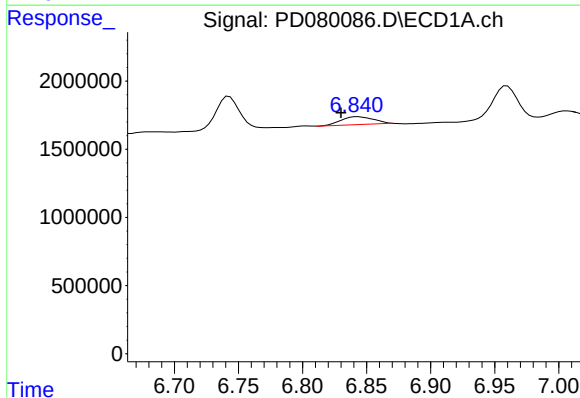
R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 77895543
Conc: 42.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



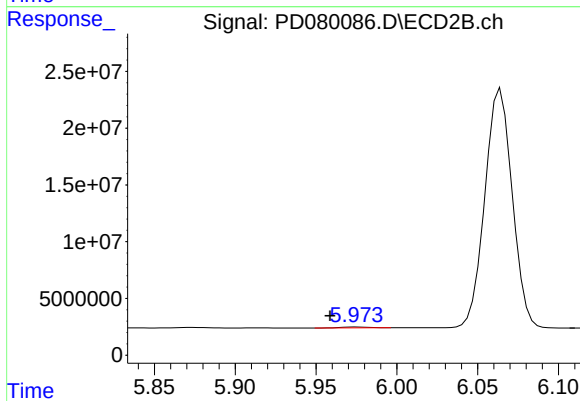
#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 136626464
Conc: 48.62 ng/ml



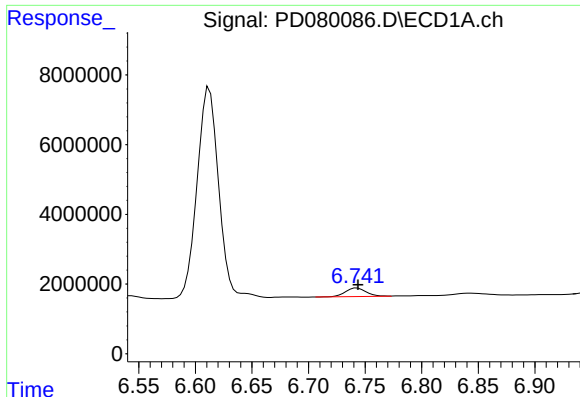
#15 Endosulfan II

R.T.: 6.843 min
Delta R.T.: 0.013 min
Response: 1056858
Conc: 0.55 ng/ml



#15 Endosulfan II

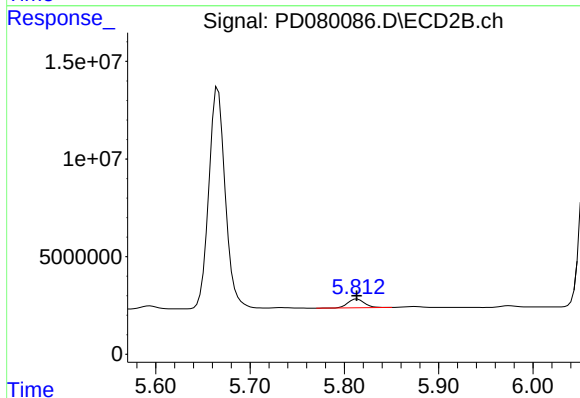
R.T.: 5.975 min
Delta R.T.: 0.016 min
Response: 834258
Conc: 0.31 ng/ml



#16 4,4'-DDD

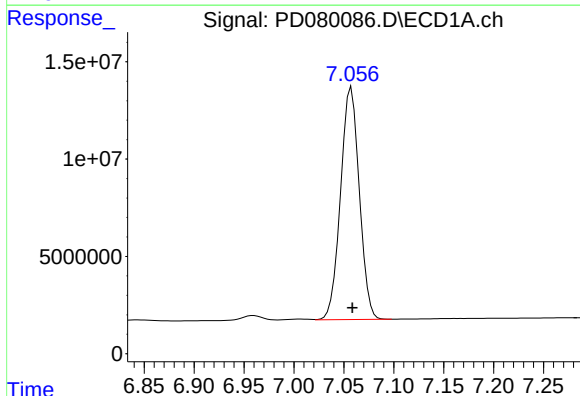
R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 3111510
Conc: 1.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



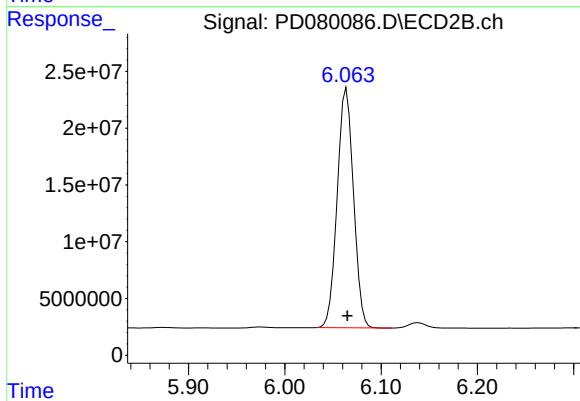
#16 4,4'-DDD

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 5449658
Conc: 2.12 ng/ml



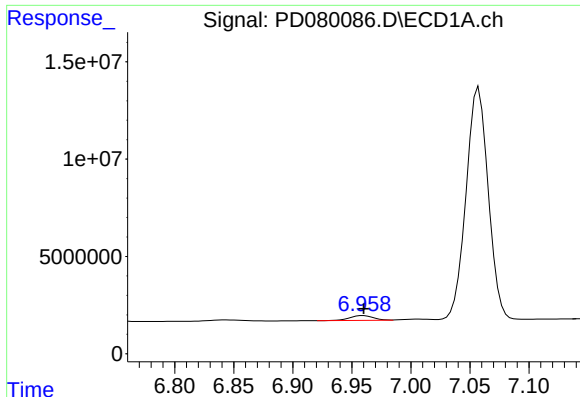
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: -0.001 min
Response: 155987624
Conc: 87.68 ng/ml



#17 4,4'-DDT

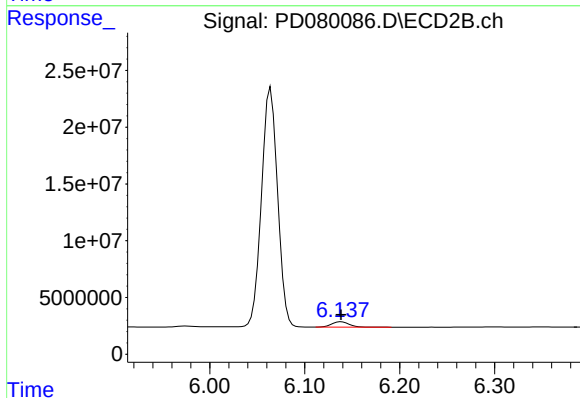
R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 247919707
Conc: 97.58 ng/ml



#18 Endrin aldehyde

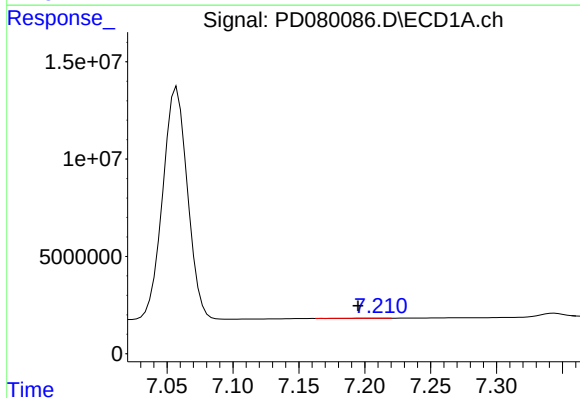
R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 3476921
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



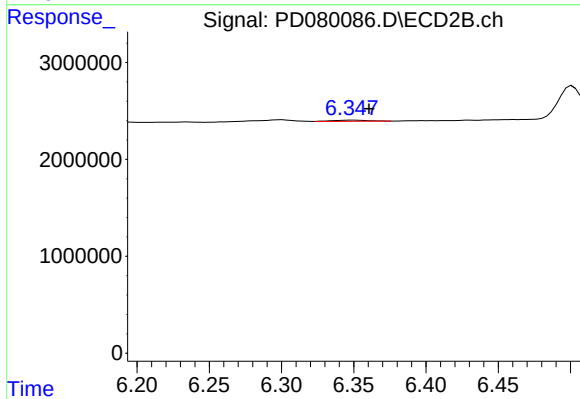
#18 Endrin aldehyde

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 5987115
Conc: 2.92 ng/ml



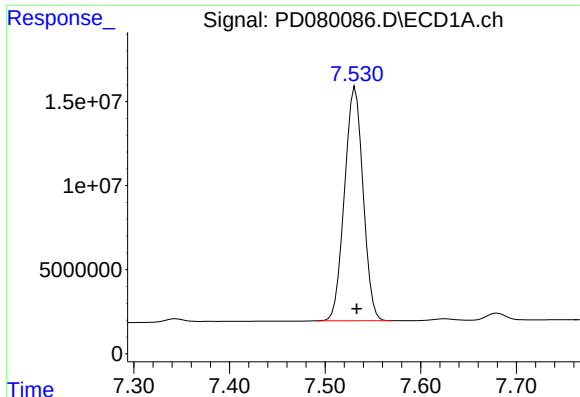
#19 Endosulfan Sulfate

R.T.: 7.212 min
Delta R.T.: 0.017 min
Response: 17730
Conc: 0.01 ng/ml



#19 Endosulfan Sulfate

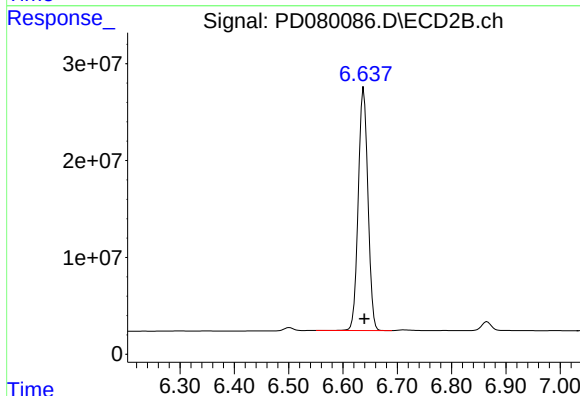
R.T.: 6.350 min
Delta R.T.: -0.011 min
Response: 197883
Conc: 0.07 ng/ml



#20 Methoxychlor

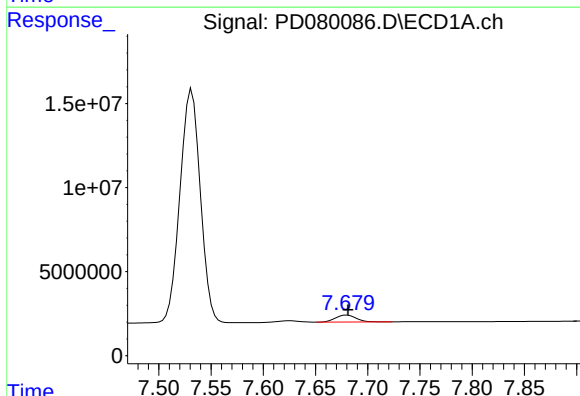
R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 188066211
Conc: 190.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



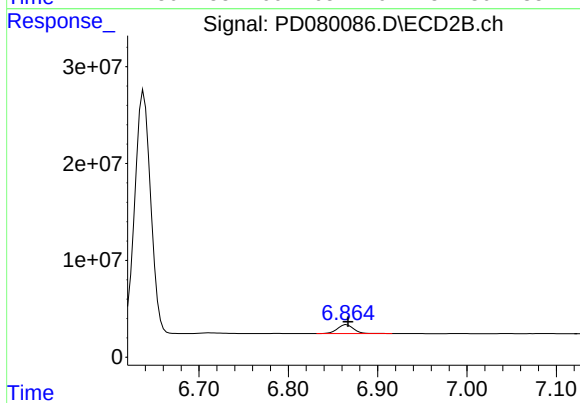
#20 Methoxychlor

R.T.: 6.638 min
Delta R.T.: -0.001 min
Response: 309593315
Conc: 211.71 ng/ml



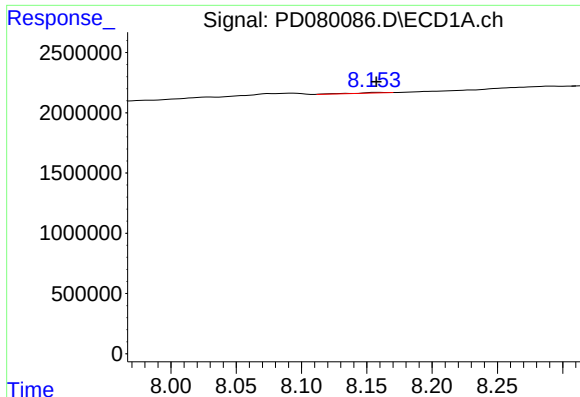
#21 Endrin ketone

R.T.: 7.680 min
Delta R.T.: 0.000 min
Response: 5763185
Conc: 2.78 ng/ml



#21 Endrin ketone

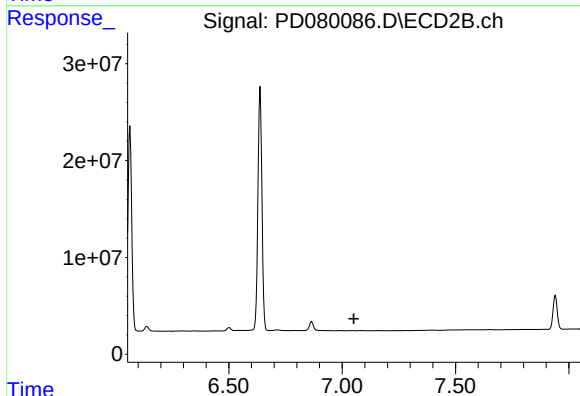
R.T.: 6.865 min
Delta R.T.: -0.001 min
Response: 11354814
Conc: 3.63 ng/ml



#22 Mirex

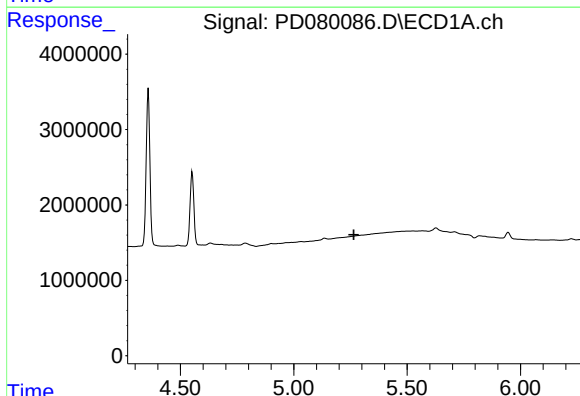
R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 75570
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



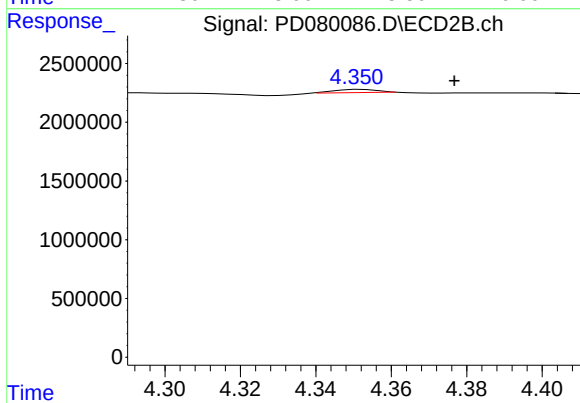
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.051 min
Response: 0
Conc: N.D.



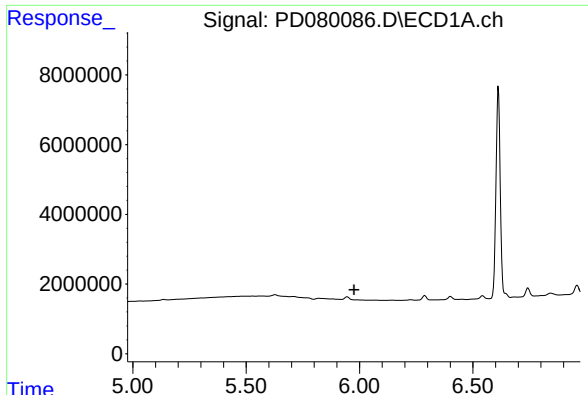
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.265 min
Response: 0
Conc: N.D.



#24 Chlordane-2

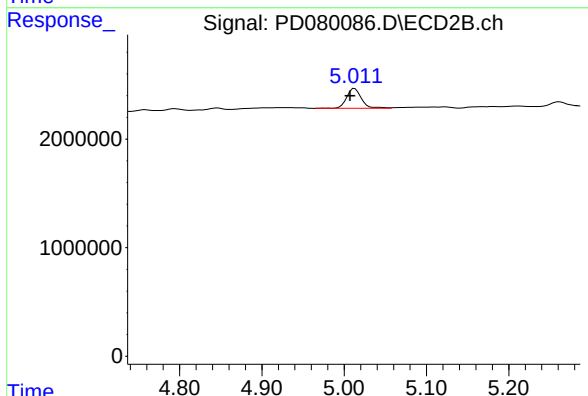
R.T.: 4.352 min
Delta R.T.: -0.025 min
Response: 224443
Conc: 1.96 ng/ml



#25 Chlordane-3

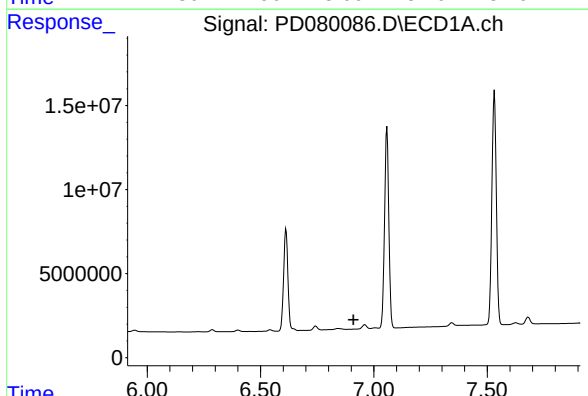
R.T.: 0.000 min
Exp R.T.: 5.977 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



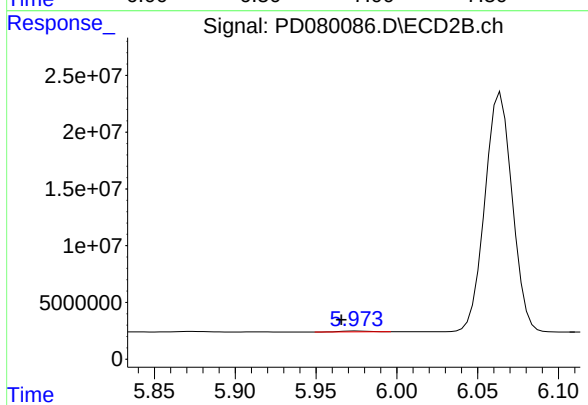
#25 Chlordane-3

R.T.: 5.013 min
Delta R.T.: 0.006 min
Response: 2277869
Conc: 7.23 ng/ml



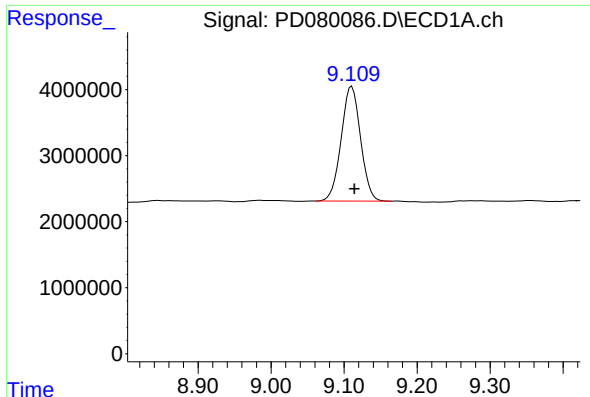
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.



#27 Chlordane-5

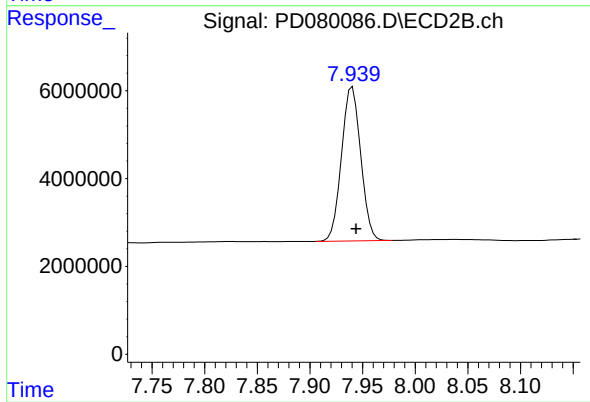
R.T.: 5.975 min
Delta R.T.: 0.010 min
Response: 834258
Conc: 7.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: -0.004 min
Response: 31989360
Conc: 15.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 7.940 min
Delta R.T.: -0.003 min
Response: 44720941
Conc: 15.86 ng/ml