

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
 Data File : PD088903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jun 2025 08:34
 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: Jun 12 07:37:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.548	2.879	51357982	318.0E6	23.736	21.022
28)	SA Decachlor...	9.071	8.071	75503045	383.6E6	22.062	21.009
Target Compounds							
2)	A alpha-BHC	3.998	3.392	48255061	260.1E6	10.102	10.881
3)	MA gamma-BHC...	4.329	3.728	47947407	242.8E6	10.417	10.954
4)	MA Heptachlor	4.929	4.076	244611	1182568	0.055	0.053
5)	MB Aldrin	5.242f	4.363	58249	817988	0.013	0.037 #
6)	B beta-BHC	4.514	4.024	20645698	108.6E6	11.450	11.148
7)	B delta-BHC	4.756	4.255	983547	1338848	0.233	0.060 #
8)	B Heptachlo...	5.679	4.872	1280953	918543	0.323	0.046 #
9)	A Endosulfan I	0.000	5.230f	0	4431025	N.D.	0.233 #
10)	B gamma-Chl...	5.943	5.125	420750	24242657	0.105	1.136 #
11)	B alpha-Chl...	6.032	5.190	790555	9830948	0.197	0.477 #
12)	B 4,4'-DDE	6.197	5.376	342181	10071196	0.095	0.482 #
13)	MA Dieldrin	6.366f	5.513	1124599	-8326	0.280	N.D. #
14)	MA Endrin	6.573	5.788	180.2E6	933.2E6	52.777	48.391
15)	B Endosulfa...	6.805f	6.085	1560746	3600103	0.453	0.196 #
16)	A 4,4'-DDD	6.703	5.929	8646382	56738371	3.105	3.262
17)	MA 4,4'-DDT	7.020	6.183	312.9E6	1648.4E6	100.233	90.882
18)	B Endrin al...	6.916	6.257	1386368	12221942	0.538	0.877 #
19)	B Endosulfa...	0.000	6.462f	0	807977	N.D.	0.046 #
20)	A Methoxychlor	7.492	6.753	379.9E6	1780.4E6	227.427	185.948
21)	B Endrin ke...	7.629	6.990	4413715	38121035	1.289	1.970 #
22)	Mirex	8.119	7.199	92084	1907321	0.035	0.125 #
23)	Chlordane-1	0.000	3.898	0	1167445	N.D.	1.413 #
24)	Chlordane-2	5.242	4.483	58249	28185075	0.317	33.394 #
25)	Chlordane-3	5.943	5.125	420750	24242657	0.569	9.194 #
26)	Chlordane-4	6.032	5.190	790555	9830948	0.882	4.443 #
27)	Chlordane-5	6.868	6.085	299254	3600103	1.967	3.597 #

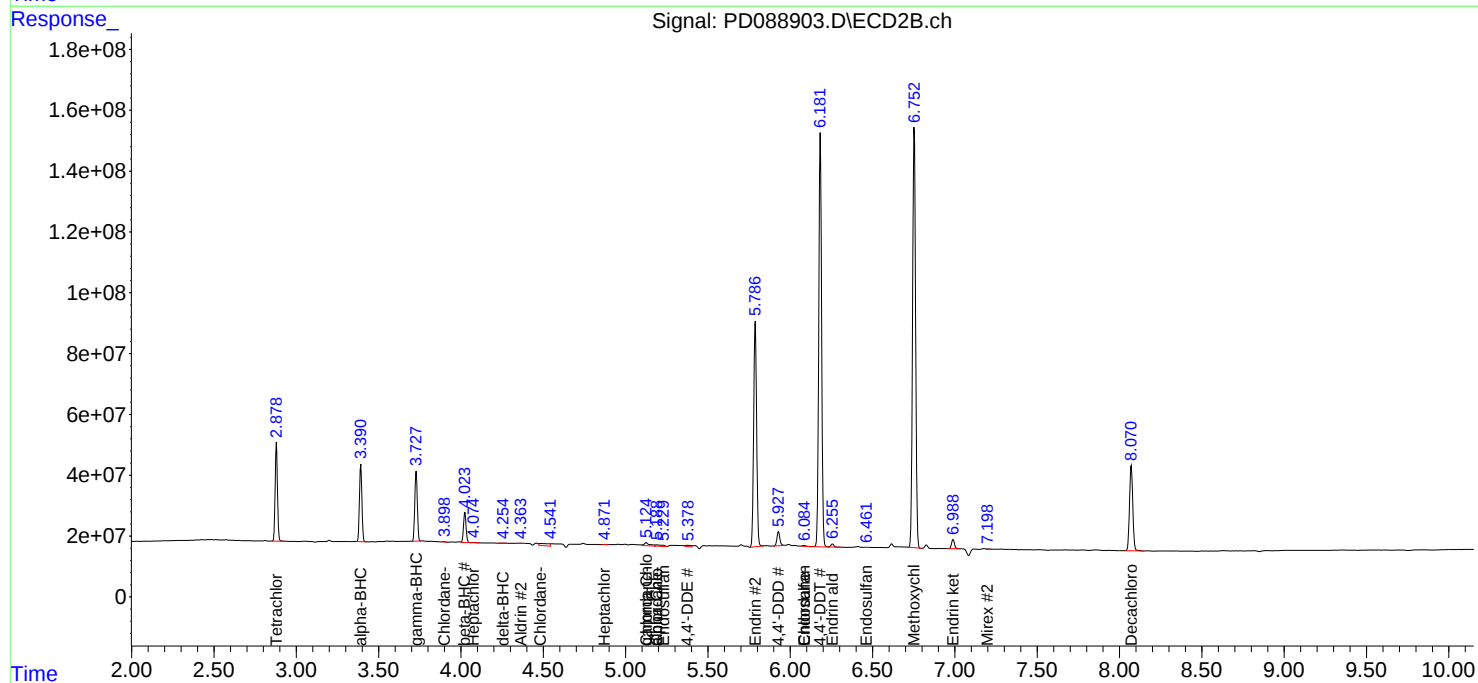
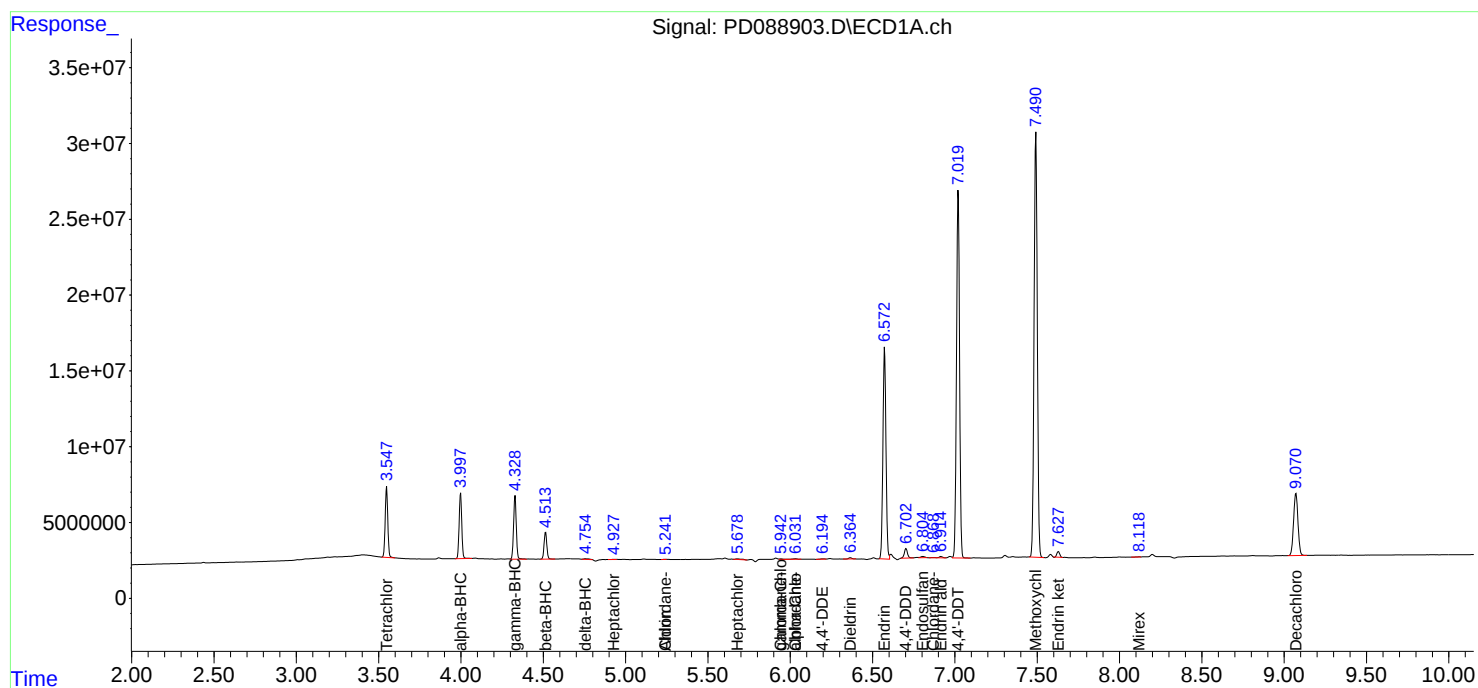
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

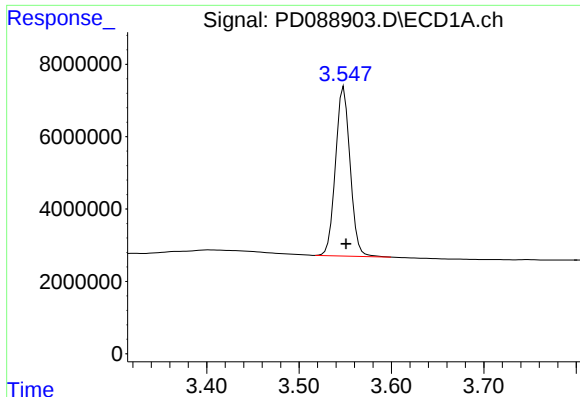
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061125\
Data File : PD088903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 08:34
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 07:37:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

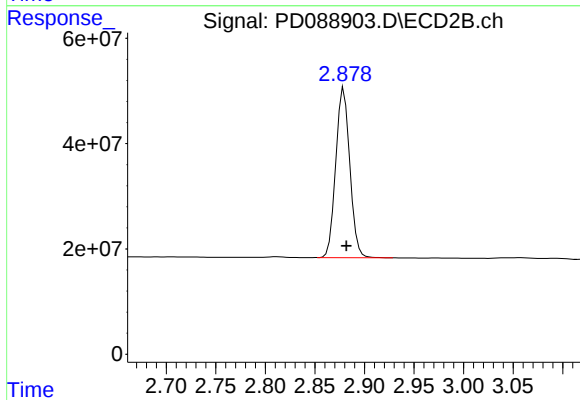




#1 Tetrachloro-m-xylene

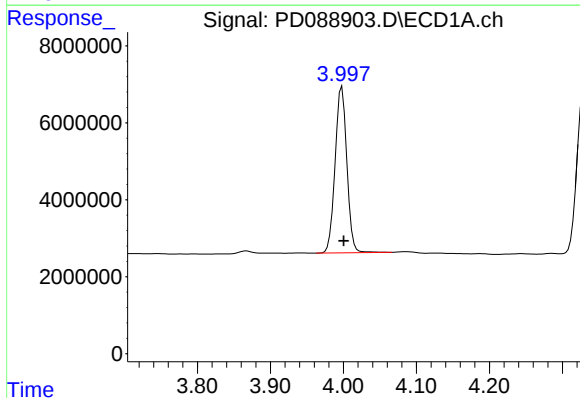
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 51357982
Conc: 23.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



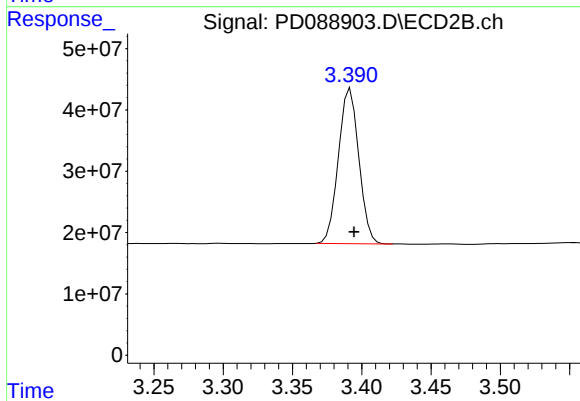
#1 Tetrachloro-m-xylene

R.T.: 2.879 min
Delta R.T.: -0.002 min
Response: 318003496
Conc: 21.02 ng/ml



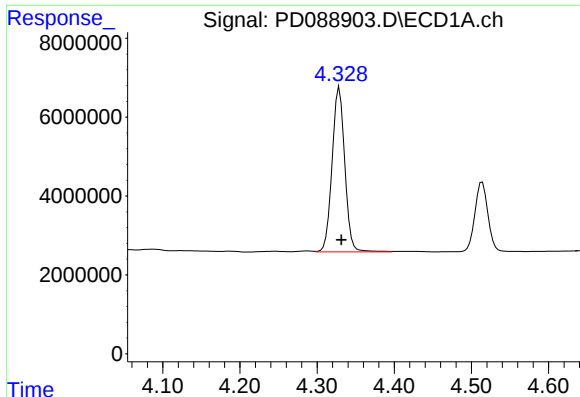
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 48255061
Conc: 10.10 ng/ml



#2 alpha-BHC

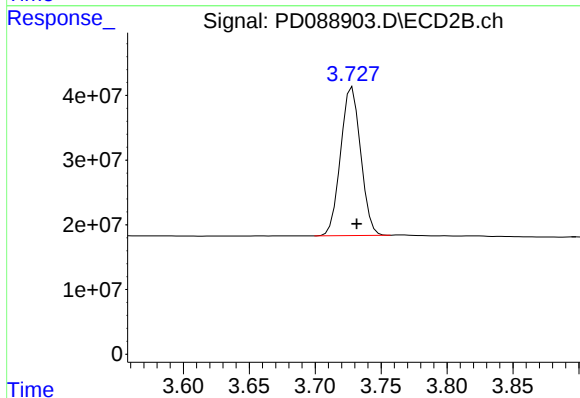
R.T.: 3.392 min
Delta R.T.: -0.003 min
Response: 260103330
Conc: 10.88 ng/ml



#3 gamma-BHC (Lindane)

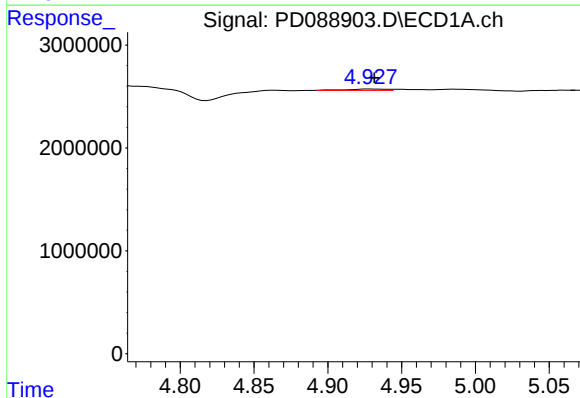
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 47947407
Conc: 10.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



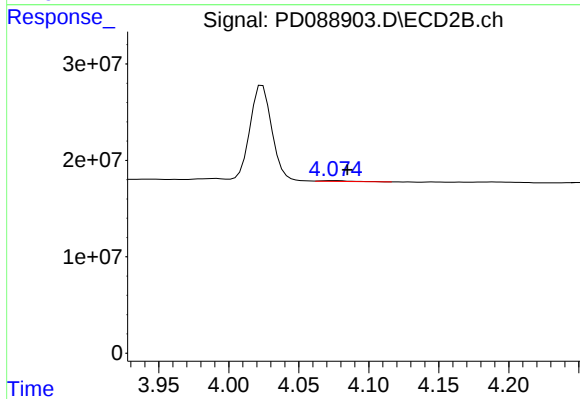
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.003 min
Response: 242807014
Conc: 10.95 ng/ml



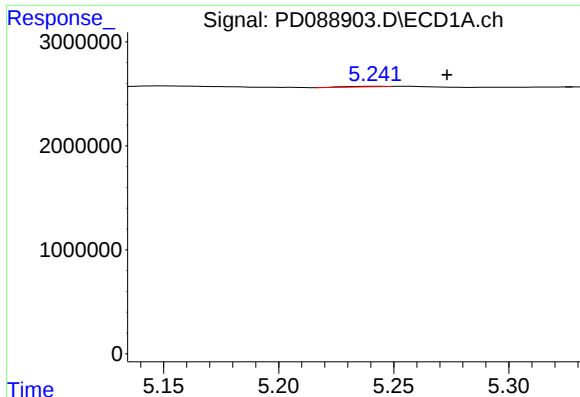
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.003 min
Response: 244611
Conc: 0.05 ng/ml



#4 Heptachlor

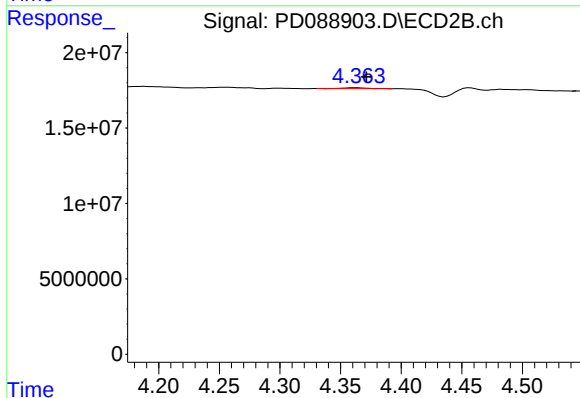
R.T.: 4.076 min
Delta R.T.: -0.009 min
Response: 1182568
Conc: 0.05 ng/ml



#5 Aldrin

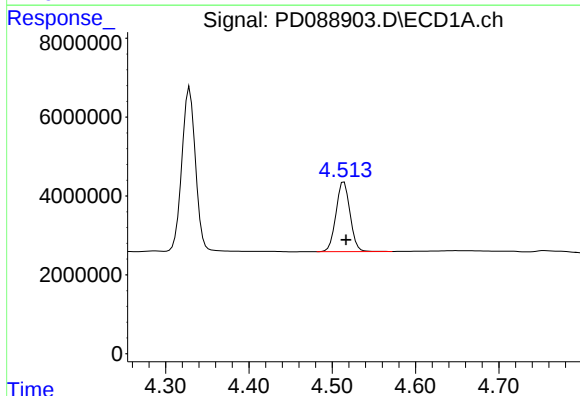
R.T.: 5.242 min
Delta R.T.: -0.031 min
Response: 58249
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



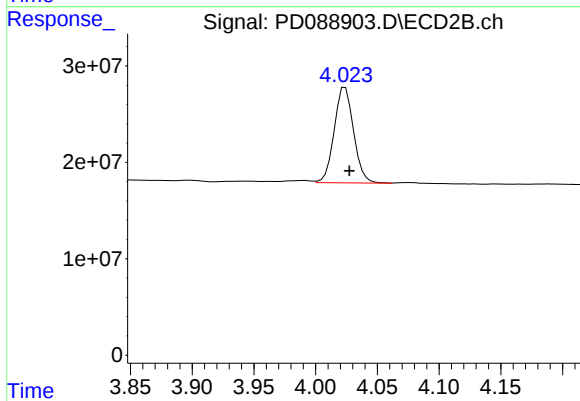
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.008 min
Response: 817988
Conc: 0.04 ng/ml



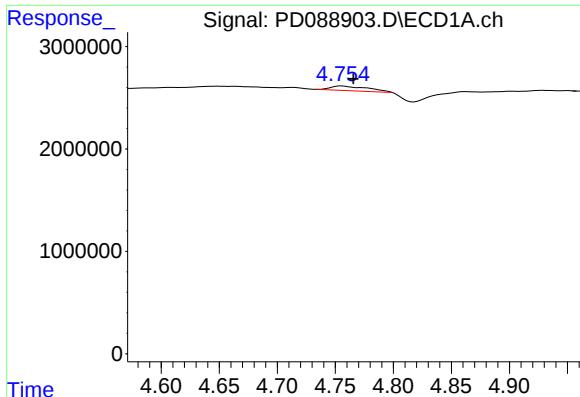
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 20645698
Conc: 11.45 ng/ml



#6 beta-BHC

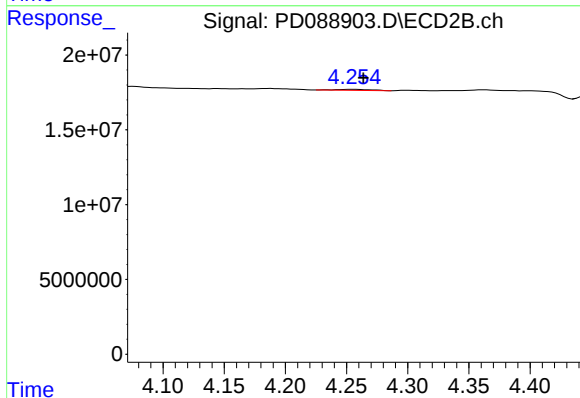
R.T.: 4.024 min
Delta R.T.: -0.003 min
Response: 108601968
Conc: 11.15 ng/ml



#7 delta-BHC

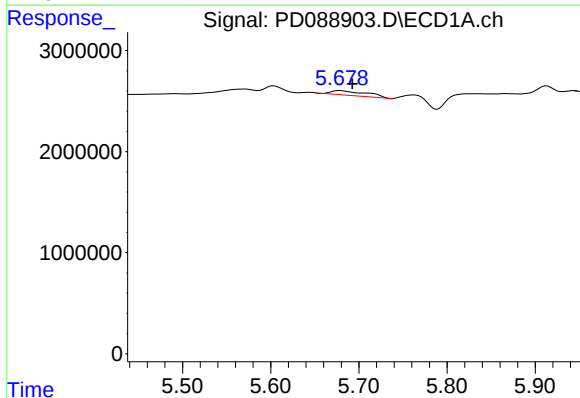
R.T.: 4.756 min
Delta R.T.: -0.010 min
Response: 983547
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



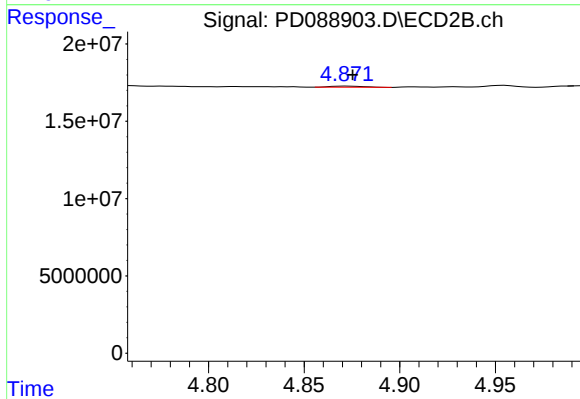
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.009 min
Response: 1338848
Conc: 0.06 ng/ml



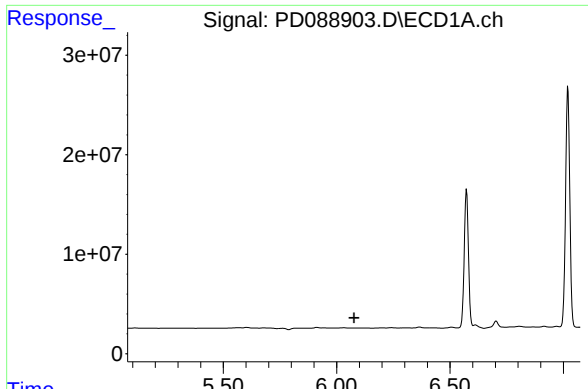
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.014 min
Response: 1280953
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

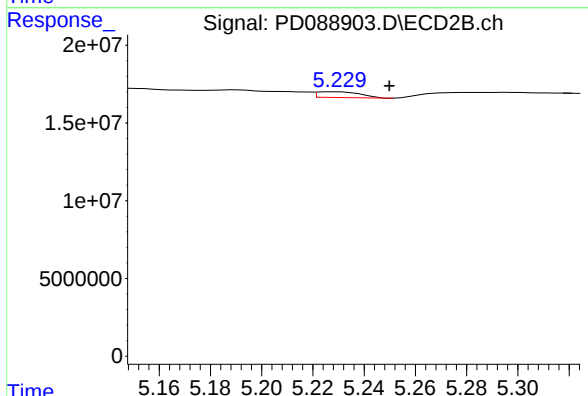
R.T.: 4.872 min
Delta R.T.: -0.003 min
Response: 918543
Conc: 0.05 ng/ml



#9 Endosulfan I

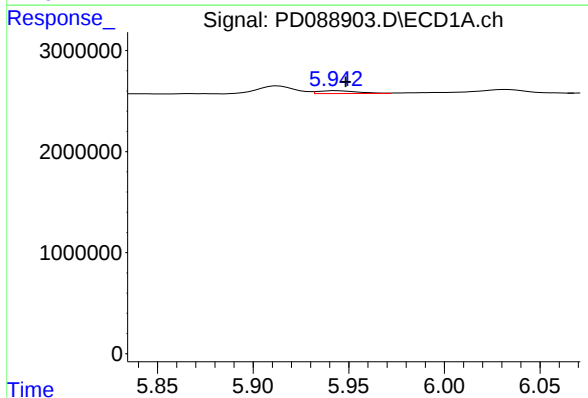
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



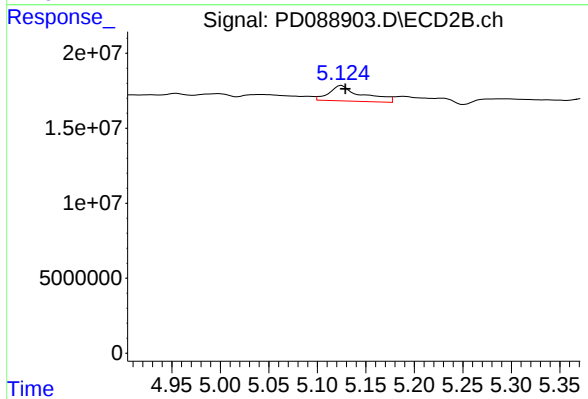
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.020 min
Response: 4431025
Conc: 0.23 ng/ml



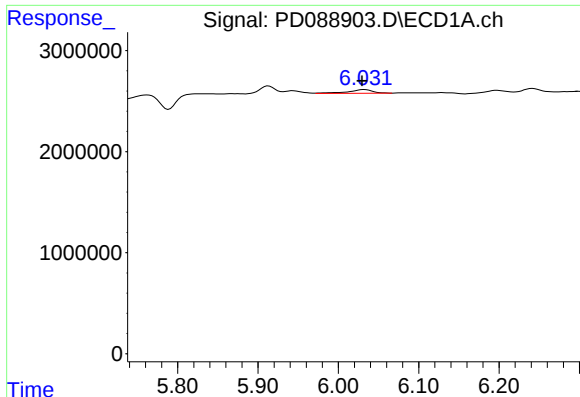
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.005 min
Response: 420750
Conc: 0.11 ng/ml



#10 gamma-Chlordane

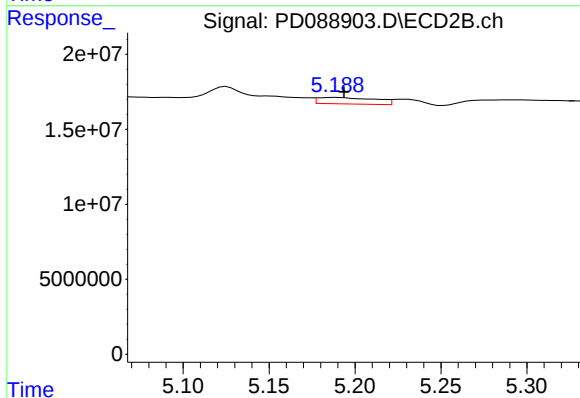
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 24242657
Conc: 1.14 ng/ml



#11 alpha-Chlordane

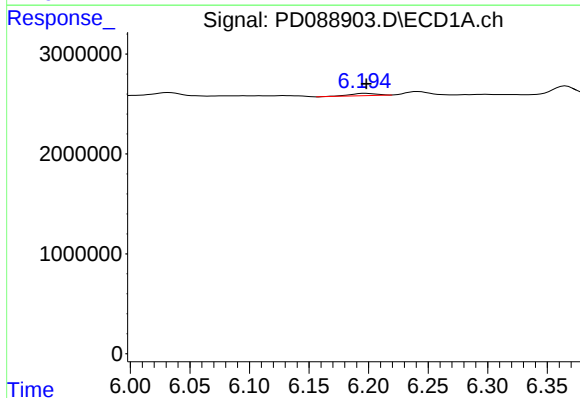
R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 790555
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



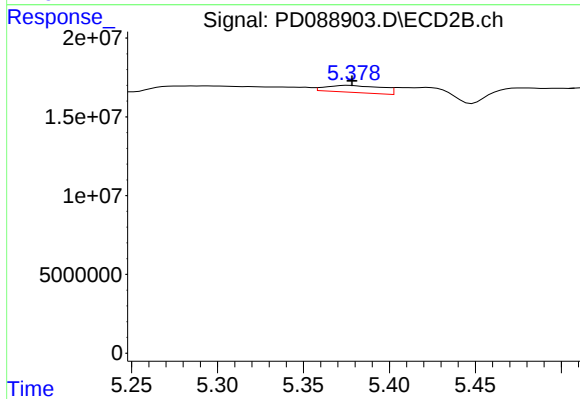
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 9830948
Conc: 0.48 ng/ml



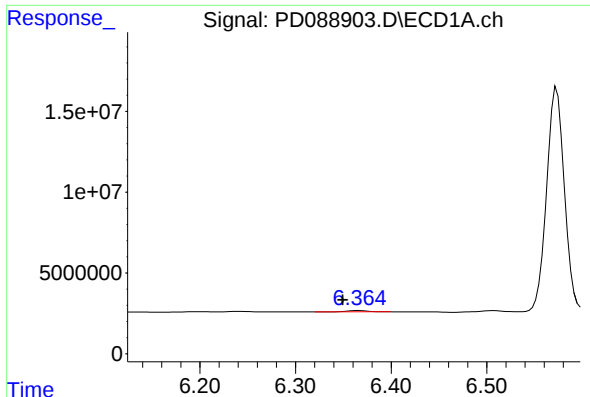
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.001 min
Response: 342181
Conc: 0.10 ng/ml



#12 4,4'-DDE

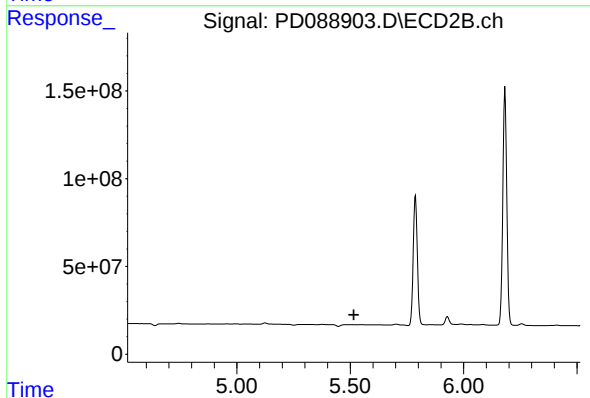
R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 10071196
Conc: 0.48 ng/ml



#13 Dieldrin

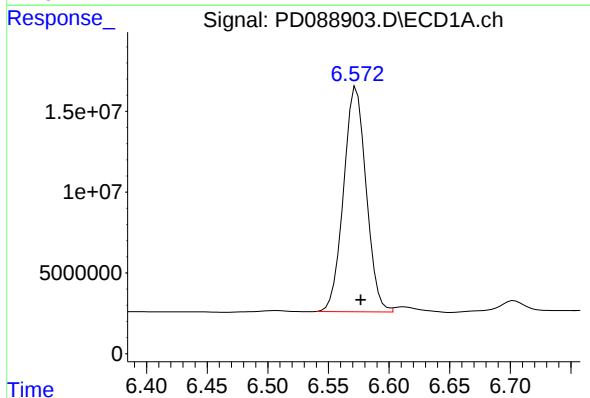
R.T.: 6.366 min
Delta R.T.: 0.016 min
Response: 1124599
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



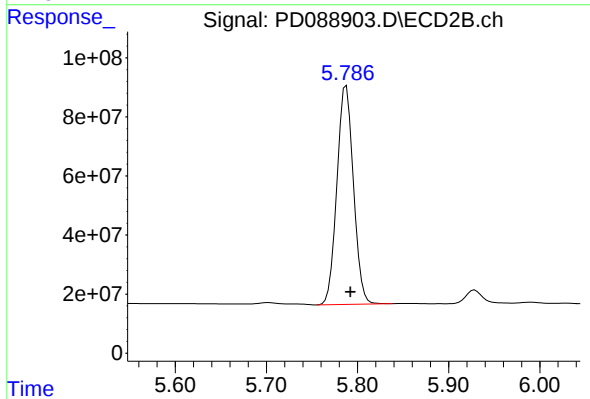
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.003 min
Response: -8326
Conc: N.D.



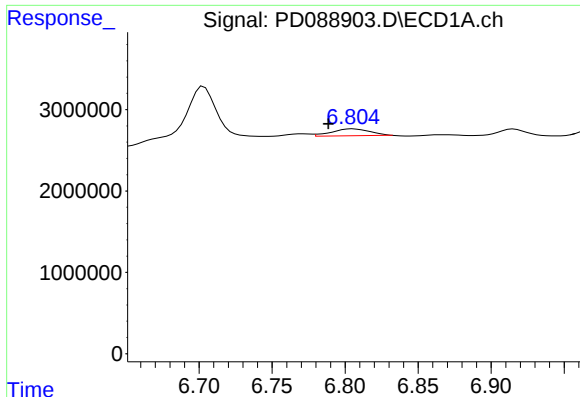
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 180242853
Conc: 52.78 ng/ml



#14 Endrin

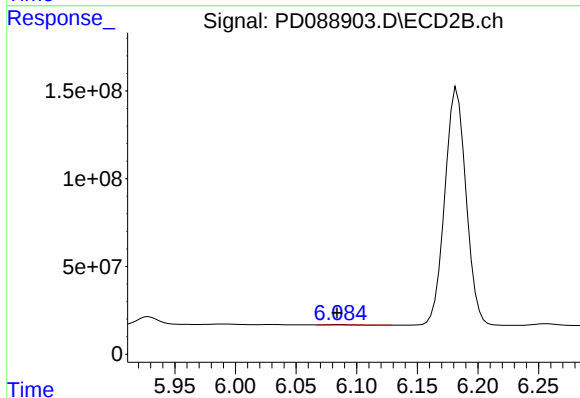
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 933166777
Conc: 48.39 ng/ml



#15 Endosulfan II

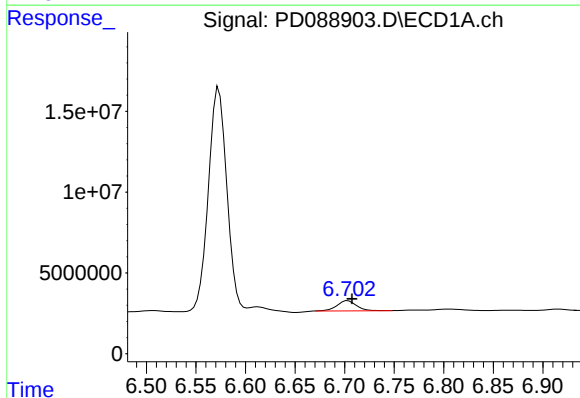
R.T.: 6.805 min
Delta R.T.: 0.016 min
Response: 1560746
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



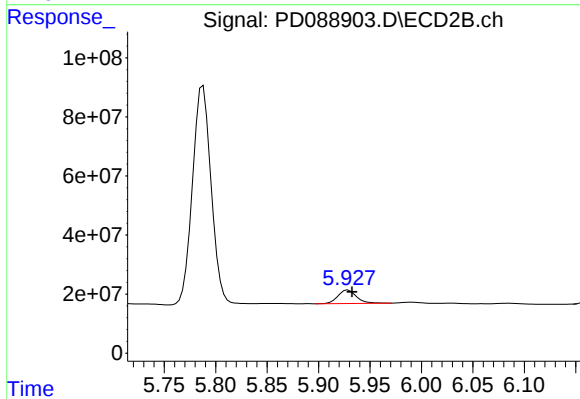
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.001 min
Response: 3600103
Conc: 0.20 ng/ml



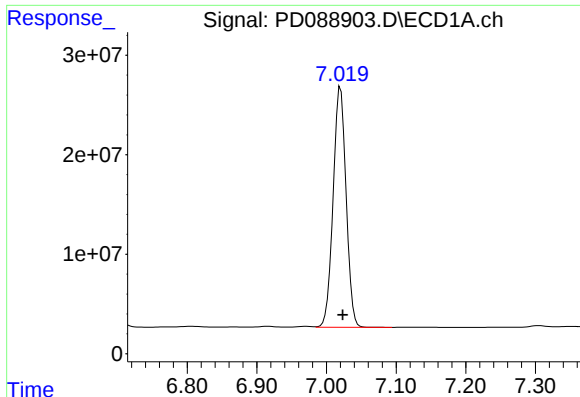
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: -0.004 min
Response: 8646382
Conc: 3.10 ng/ml



#16 4,4'-DDD

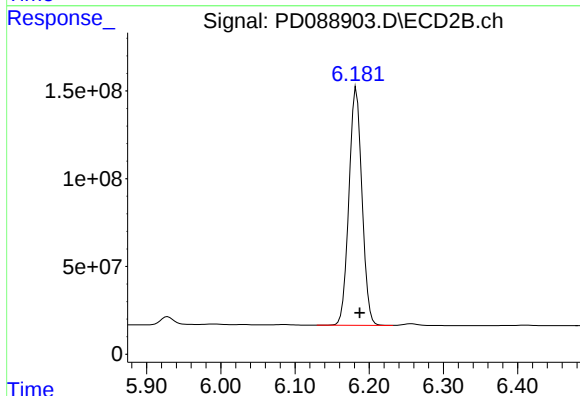
R.T.: 5.929 min
Delta R.T.: -0.004 min
Response: 56738371
Conc: 3.26 ng/ml



#17 4,4'-DDT

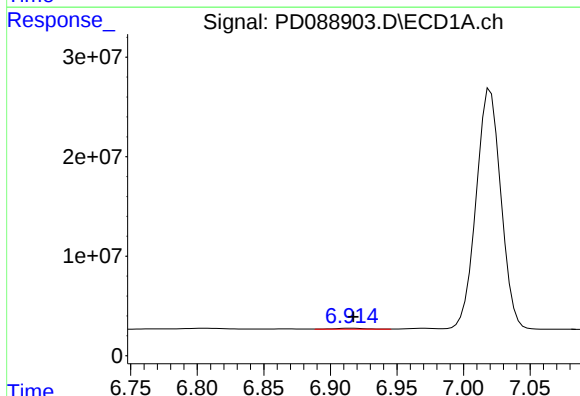
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 312932038
Conc: 100.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



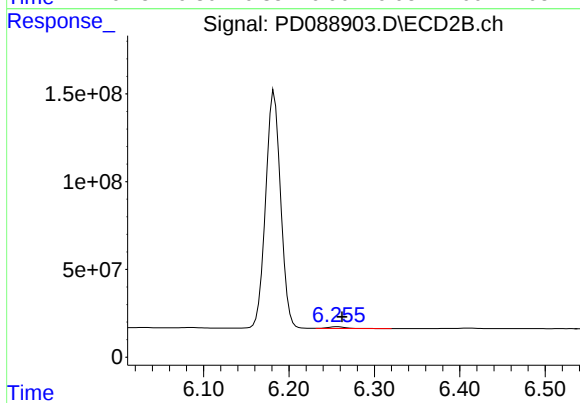
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1648355674
Conc: 90.88 ng/ml



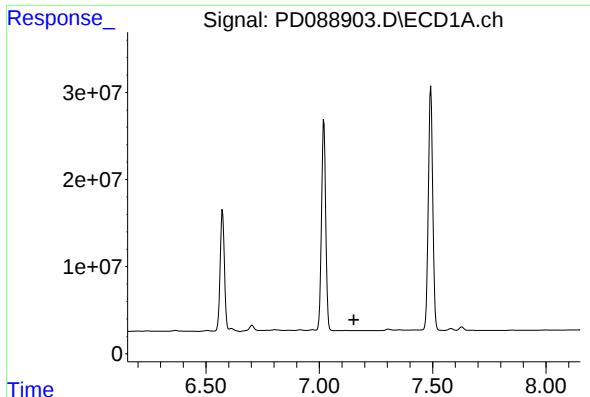
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.002 min
Response: 1386368
Conc: 0.54 ng/ml



#18 Endrin aldehyde

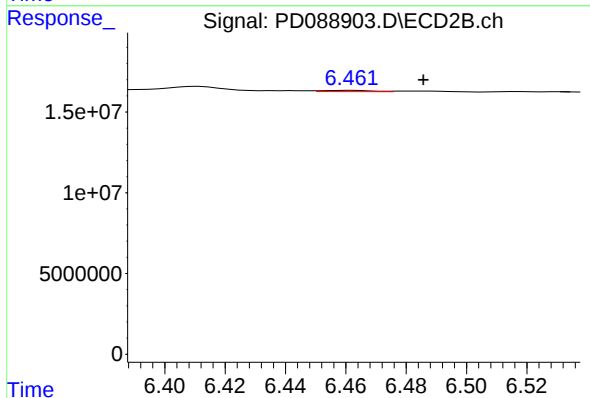
R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 12221942
Conc: 0.88 ng/ml



#19 Endosulfan Sulfate

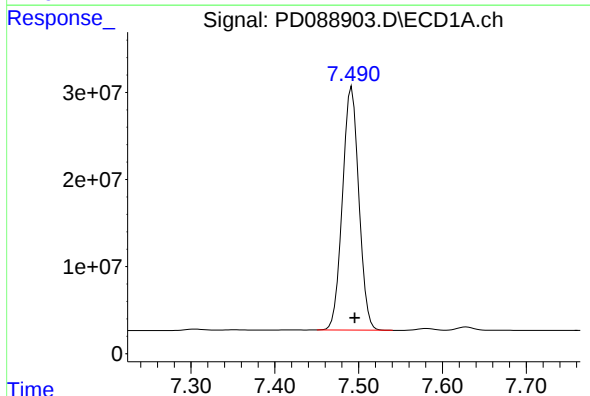
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



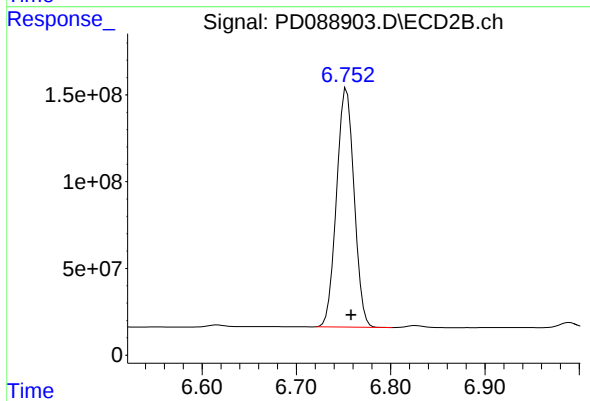
#19 Endosulfan Sulfate

R.T.: 6.462 min
Delta R.T.: -0.024 min
Response: 807977
Conc: 0.05 ng/ml



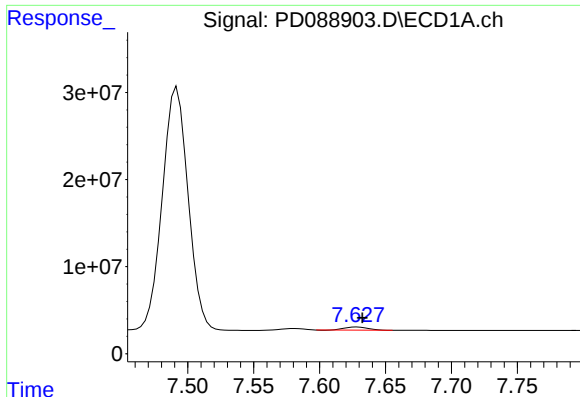
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 379928693
Conc: 227.43 ng/ml



#20 Methoxychlor

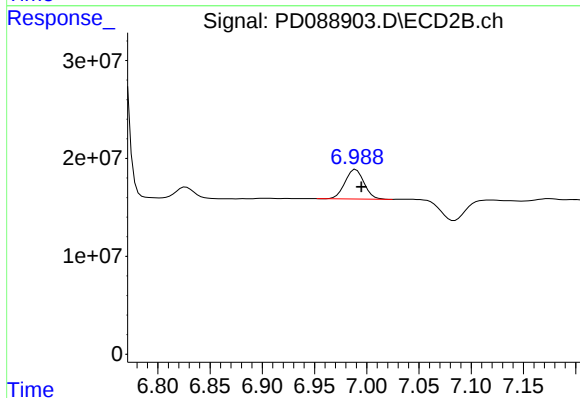
R.T.: 6.753 min
Delta R.T.: -0.005 min
Response: 1780410574
Conc: 185.95 ng/ml



#21 Endrin ketone

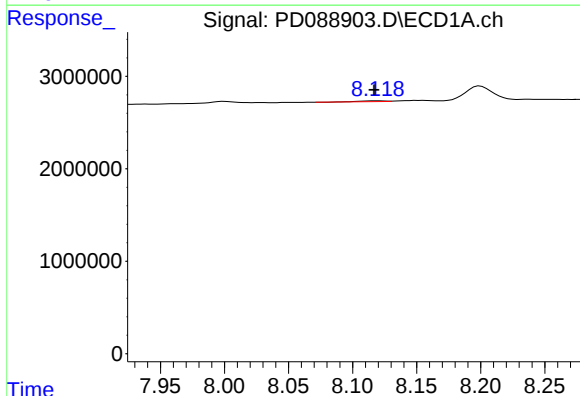
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 4413715
Conc: 1.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



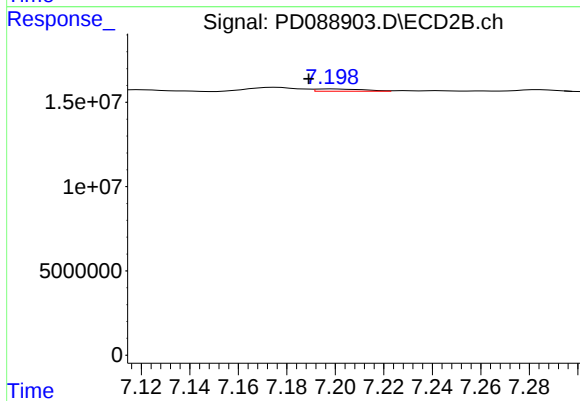
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.005 min
Response: 38121035
Conc: 1.97 ng/ml



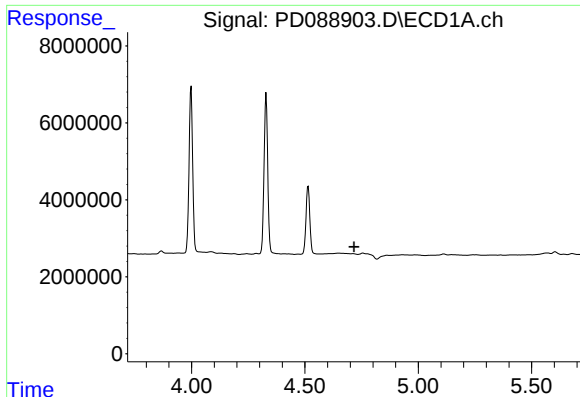
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 92084
Conc: 0.04 ng/ml



#22 Mirex

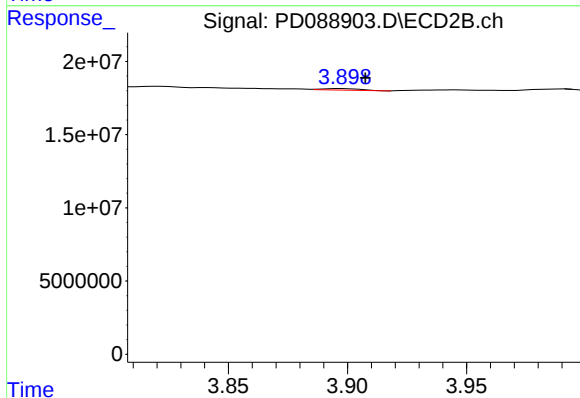
R.T.: 7.199 min
Delta R.T.: 0.010 min
Response: 1907321
Conc: 0.13 ng/ml



#23 Chlordane-1

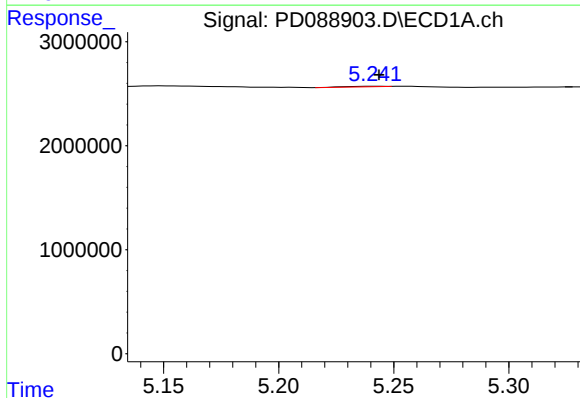
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



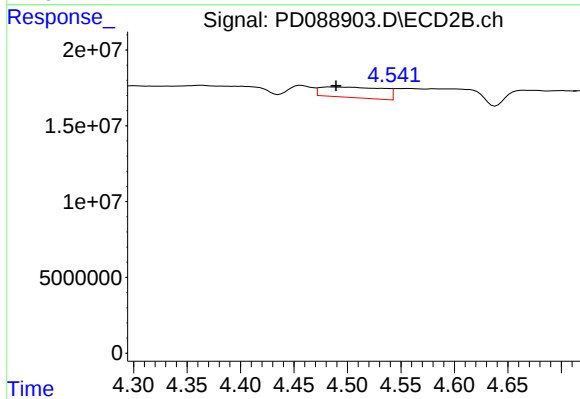
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.010 min
Response: 1167445
Conc: 1.41 ng/ml



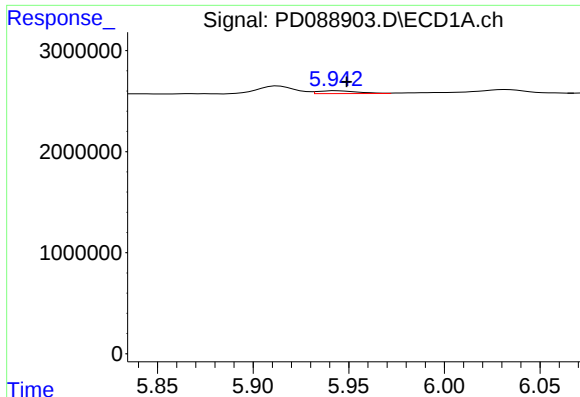
#24 Chlordane-2

R.T.: 5.242 min
Delta R.T.: -0.001 min
Response: 58249
Conc: 0.32 ng/ml



#24 Chlordane-2

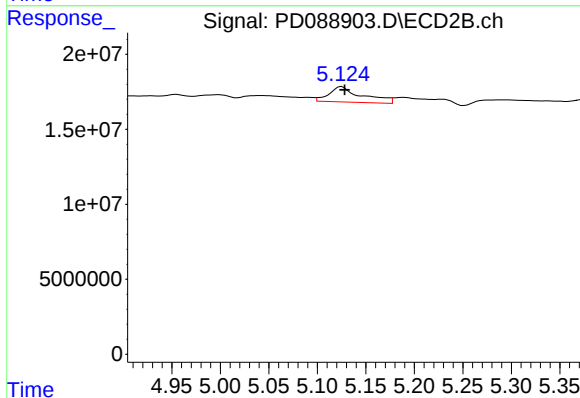
R.T.: 4.483 min
Delta R.T.: -0.006 min
Response: 28185075
Conc: 33.39 ng/ml



#25 Chlordane-3

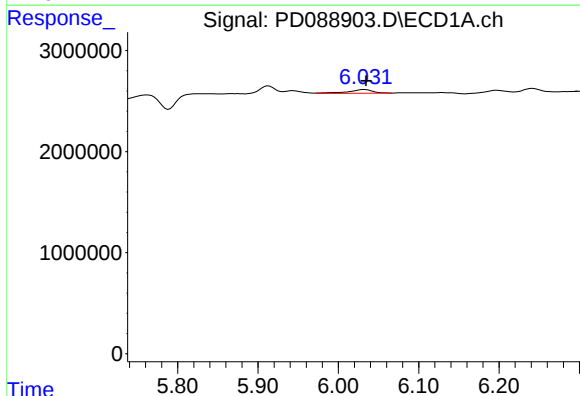
R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 420750
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



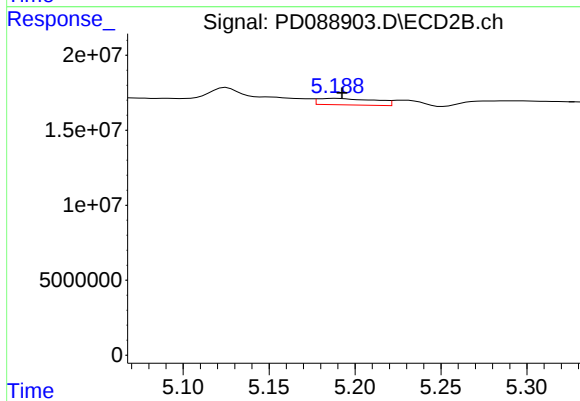
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: -0.003 min
Response: 24242657
Conc: 9.19 ng/ml



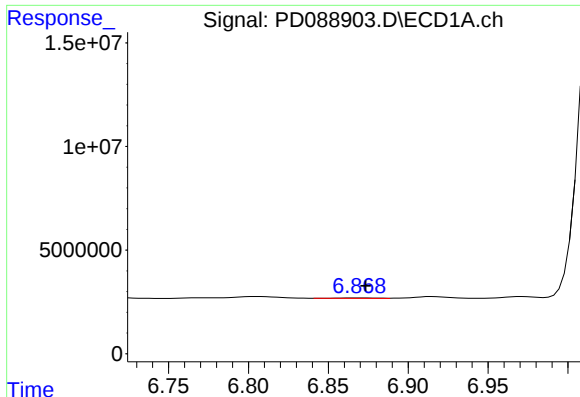
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 790555
Conc: 0.88 ng/ml



#26 Chlordane-4

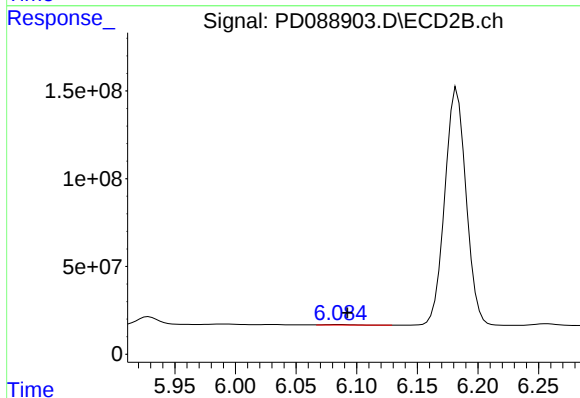
R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 9830948
Conc: 4.44 ng/ml



#27 Chlordane-5

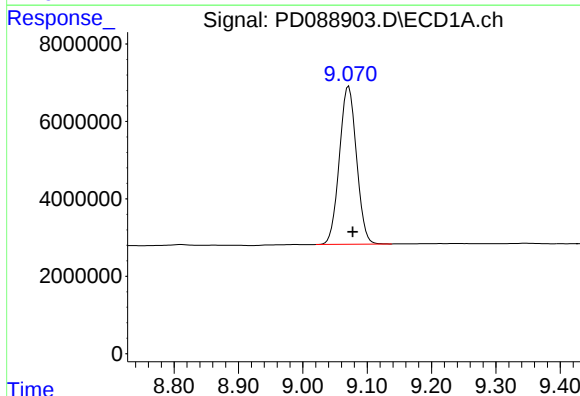
R.T.: 6.868 min
Delta R.T.: -0.006 min
Response: 299254
Conc: 1.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



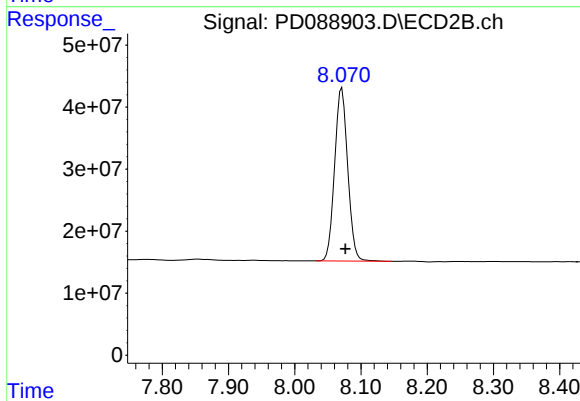
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 3600103
Conc: 3.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.006 min
Response: 75503045
Conc: 22.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 383553543
Conc: 21.01 ng/ml