

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
 Data File : PD089428.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 10:27
 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: Jul 10 22:56:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.880	60333136	396.9E6	21.146	23.412
28)	SA Decachlor...	9.072	8.070	87326395	468.3E6	22.234	23.687
Target Compounds							
2)	A alpha-BHC	3.999	3.392	57790164	330.8E6	9.914	12.346
3)	MA gamma-BHC...	4.330	3.728	57965994	299.2E6	10.385	12.084
4)	MA Heptachlor	4.928	4.077	375198	1271781	0.069	0.051 #
5)	MB Aldrin	5.252f	4.361	281651	715865	0.053	0.030 #
6)	B beta-BHC	4.516	4.024	23926692	133.1E6	10.841	12.387
7)	B delta-BHC	4.776	4.254	1113896	1593620	0.217	0.064 #
8)	B Heptachlo...	5.682	4.867	839415	3946909	0.174	0.180
9)	A Endosulfan I	0.000	5.231f	0	5107451	N.D.	0.245 #
10)	B gamma-Chl...	5.942	5.125	420667	20861626	0.088	0.872 #
11)	B alpha-Chl...	6.033	5.187	1098727	9468640	0.227	0.414 #
12)	B 4,4'-DDE	6.196	5.374	387196	2778864	0.089	0.121 #
13)	MA Dieldrin	6.367f	5.510	529704	270965	0.110	0.012 #
14)	MA Endrin	6.574	5.788	214.1E6	1158.7E6	51.905	53.360
15)	B Endosulfa...	6.768f	6.085	312505	3194075	0.077	0.158 #
16)	A 4,4'-DDD	6.704	5.928	5764856	39848757	1.680	2.083
17)	MA 4,4'-DDT	7.021	6.182	396.3E6	2137.2E6	104.606	105.386
18)	B Endrin al...	6.915	6.256	1755235	18087235	0.573	1.181 #
19)	B Endosulfa...	0.000	6.454f	0	1090049	N.D.	0.056 #
20)	A Methoxychlor	7.493	6.752	475.7E6	2263.3E6	235.405	210.186
21)	B Endrin ke...	7.629	6.989	4908365	48428531	1.205	2.242 #
22)	Mirex	0.000	7.195	0	14539537	N.D.	0.872 #
23)	Chlordane-1	0.000	3.901	0	1378305	N.D.	1.478 #
24)	Chlordane-2	5.252	4.485	281651	2306499	1.290	2.424 #
25)	Chlordane-3	5.942	5.125	420667	20861626	0.488	7.024 #
26)	Chlordane-4	6.033	5.187	1098727	9468640	1.046	3.777 #
27)	Chlordane-5	6.872	6.085	189715	3194075	1.038	2.822 #

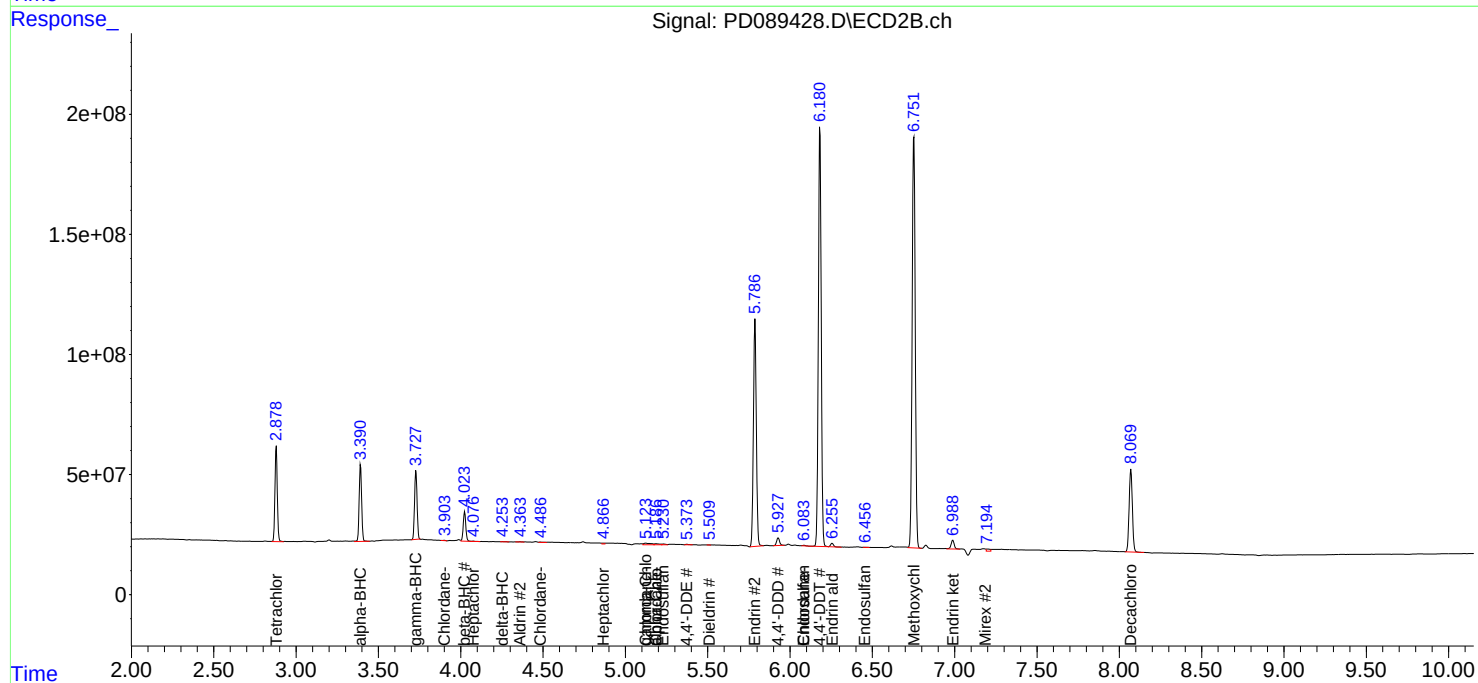
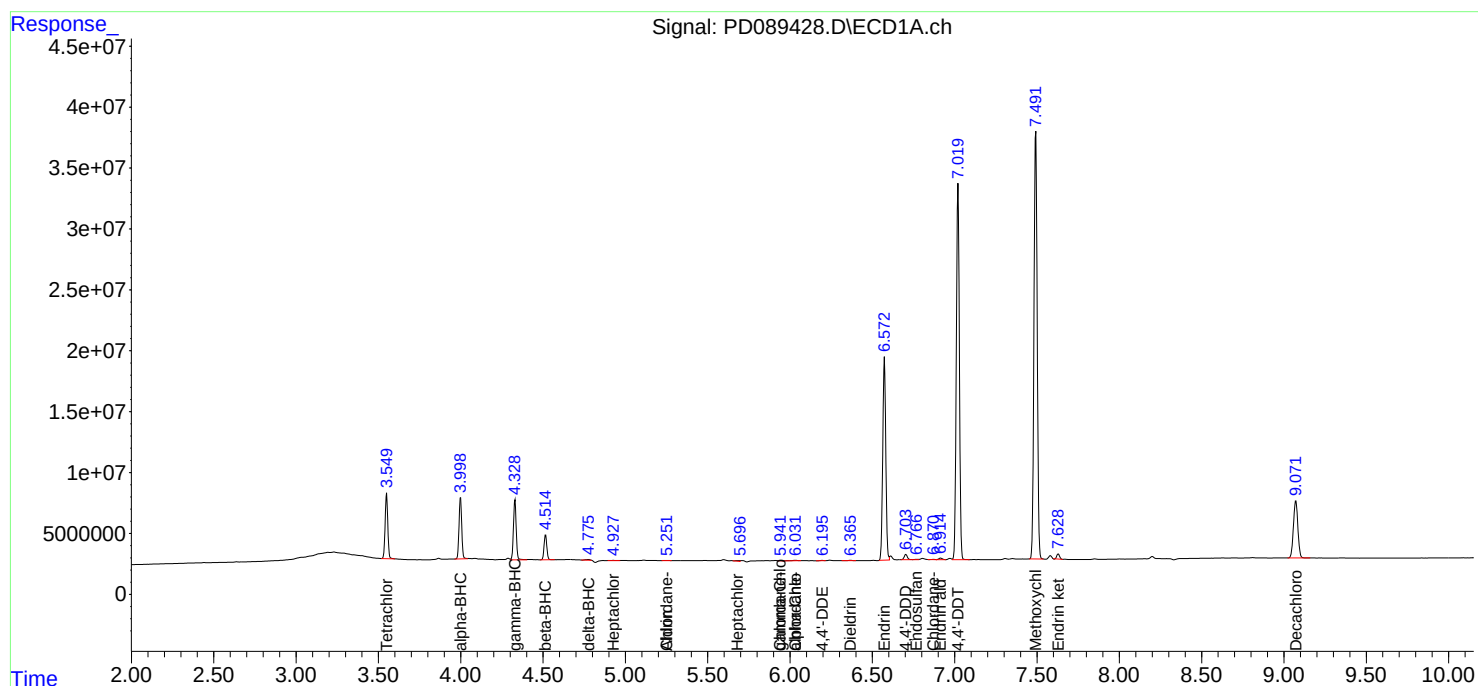
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

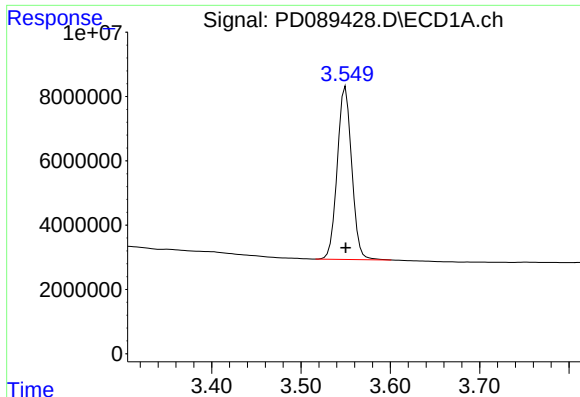
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071025\
Data File : PD089428.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 10:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:56:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

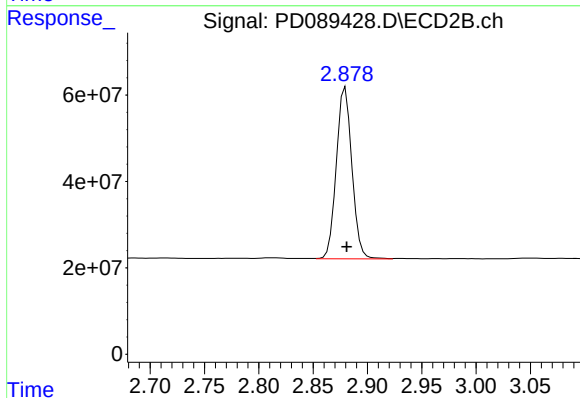




#1 Tetrachloro-m-xylene

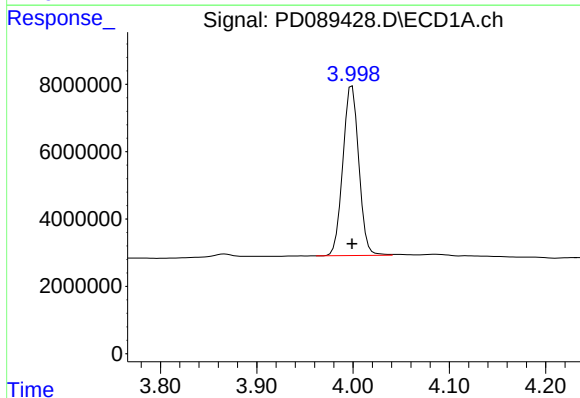
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 60333136
Conc: 21.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



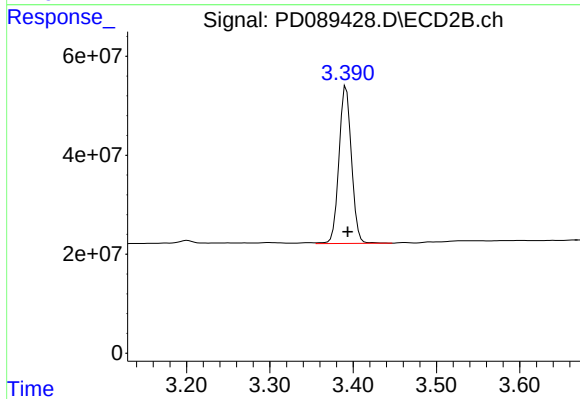
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.001 min
Response: 396908558
Conc: 23.41 ng/ml



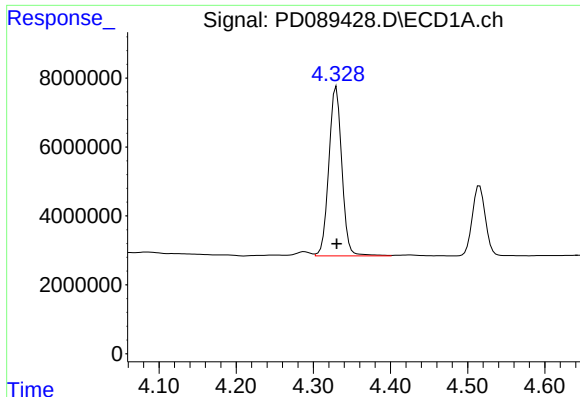
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 57790164
Conc: 9.91 ng/ml



#2 alpha-BHC

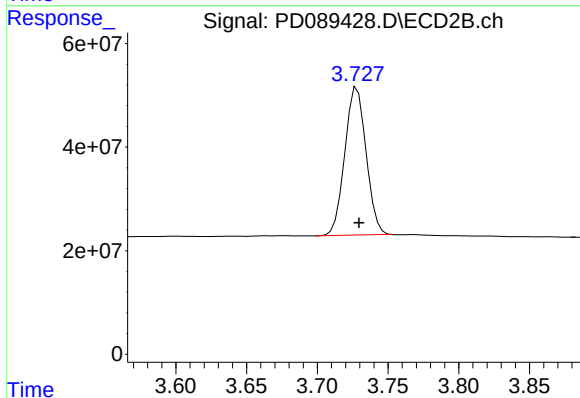
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 330848364
Conc: 12.35 ng/ml



#3 gamma-BHC (Lindane)

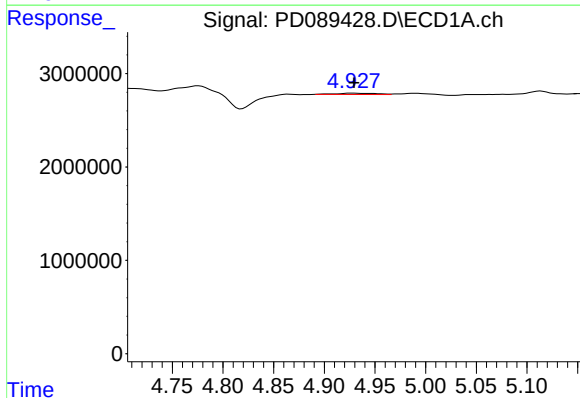
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 57965994
Conc: 10.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



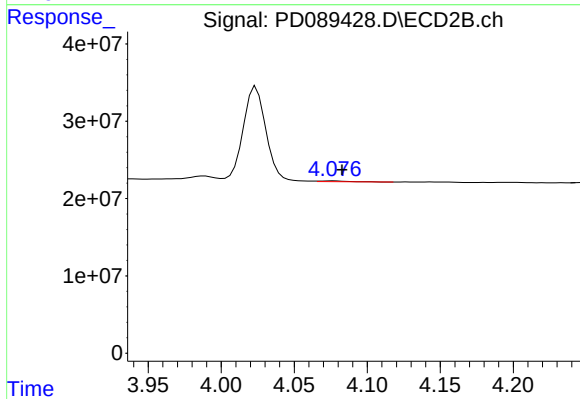
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: -0.001 min
Response: 299170082
Conc: 12.08 ng/ml



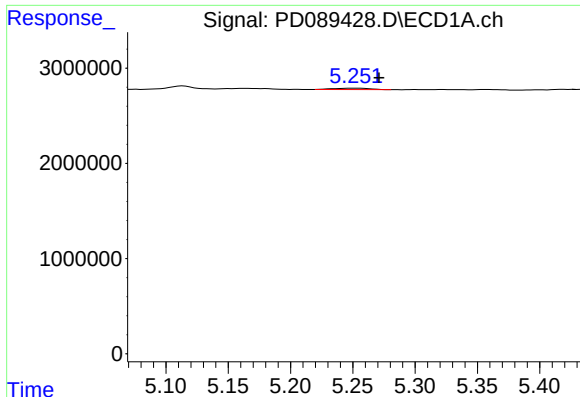
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: -0.002 min
Response: 375198
Conc: 0.07 ng/ml



#4 Heptachlor

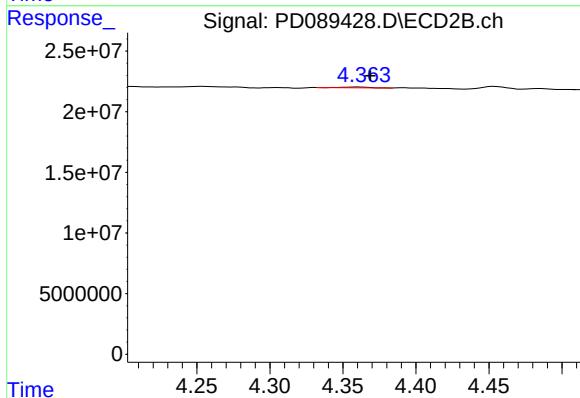
R.T.: 4.077 min
Delta R.T.: -0.006 min
Response: 1271781
Conc: 0.05 ng/ml



#5 Aldrin

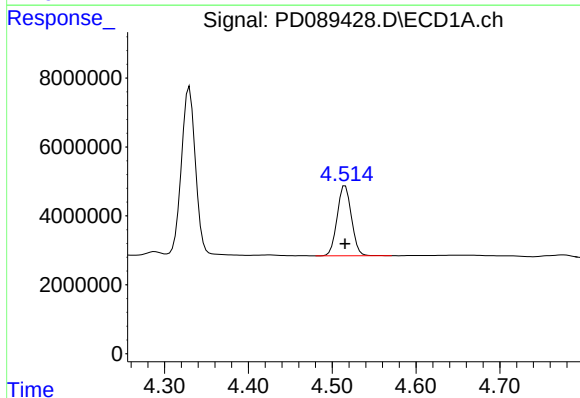
R.T.: 5.252 min
Delta R.T.: -0.019 min
Response: 281651
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



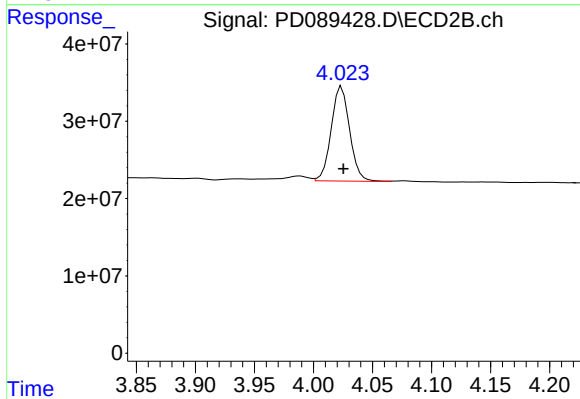
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: -0.008 min
Response: 715865
Conc: 0.03 ng/ml



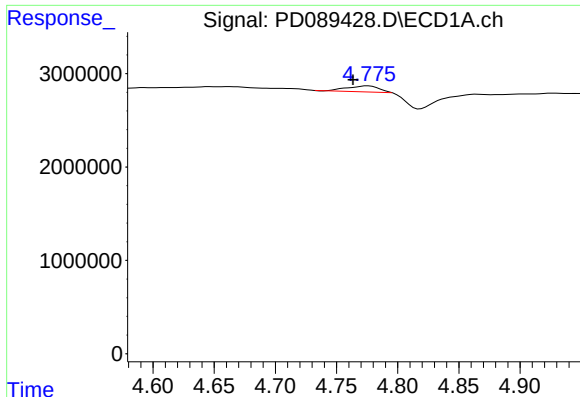
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 23926692
Conc: 10.84 ng/ml



#6 beta-BHC

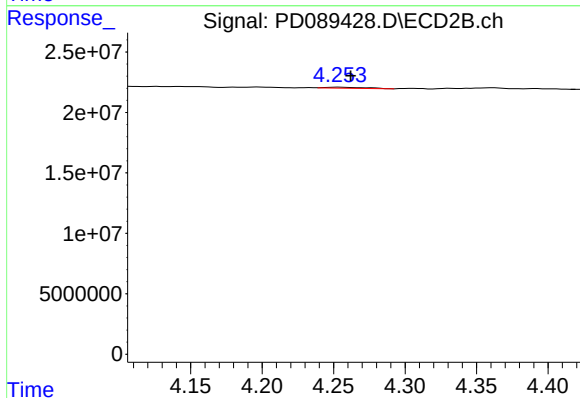
R.T.: 4.024 min
Delta R.T.: -0.002 min
Response: 133112439
Conc: 12.39 ng/ml



#7 delta-BHC

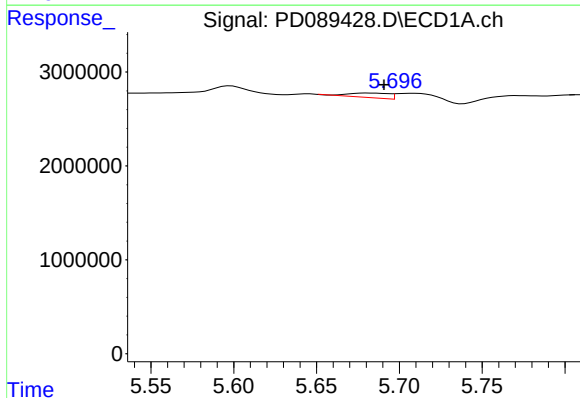
R.T.: 4.776 min
Delta R.T.: 0.012 min
Response: 1113896
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



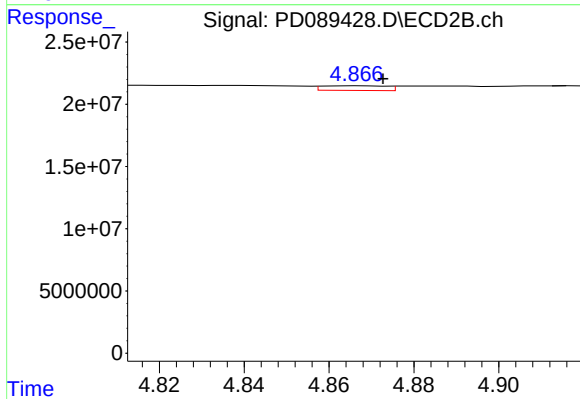
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.008 min
Response: 1593620
Conc: 0.06 ng/ml



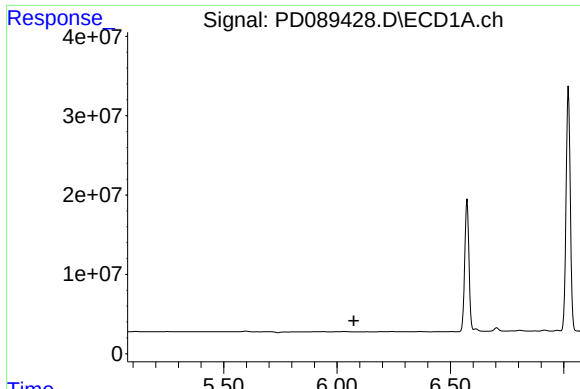
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.009 min
Response: 839415
Conc: 0.17 ng/ml



#8 Heptachlor epoxide

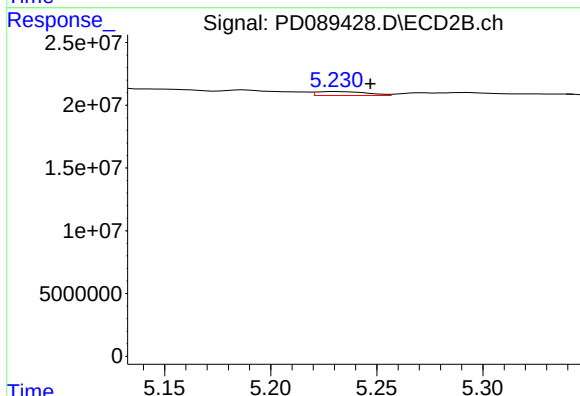
R.T.: 4.867 min
Delta R.T.: -0.006 min
Response: 3946909
Conc: 0.18 ng/ml



#9 Endosulfan I

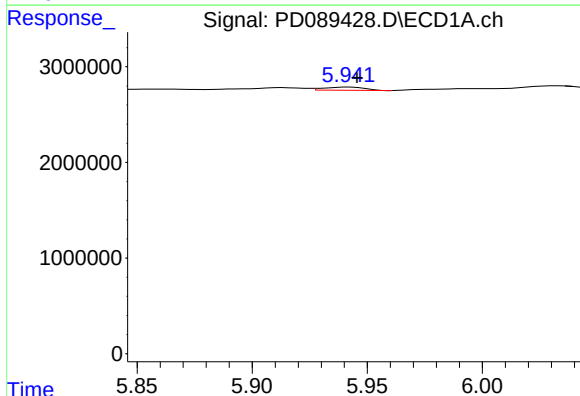
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



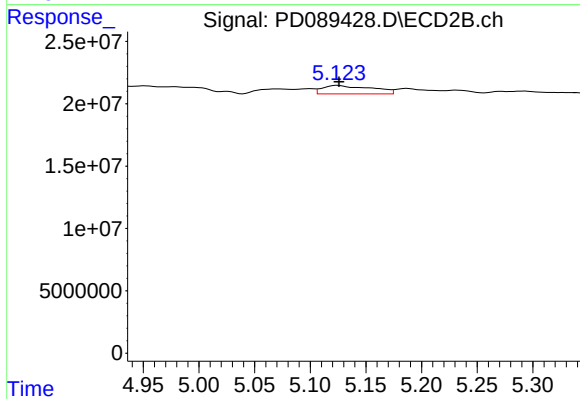
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.016 min
Response: 5107451
Conc: 0.25 ng/ml



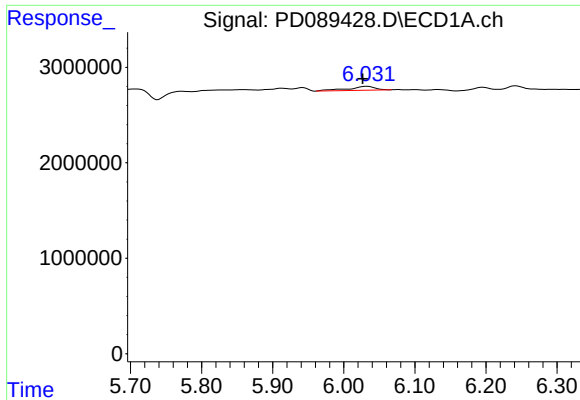
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 420667
Conc: 0.09 ng/ml



#10 gamma-Chlordane

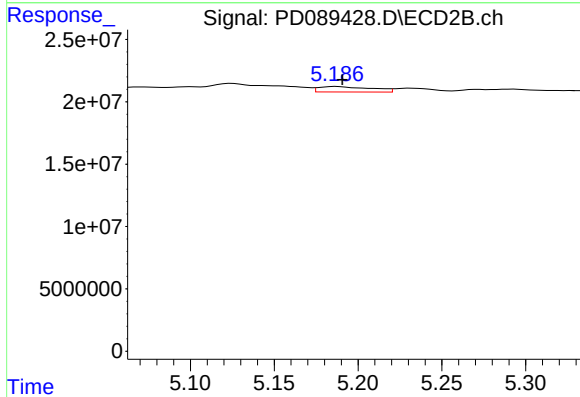
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 20861626
Conc: 0.87 ng/ml



#11 alpha-Chlordane

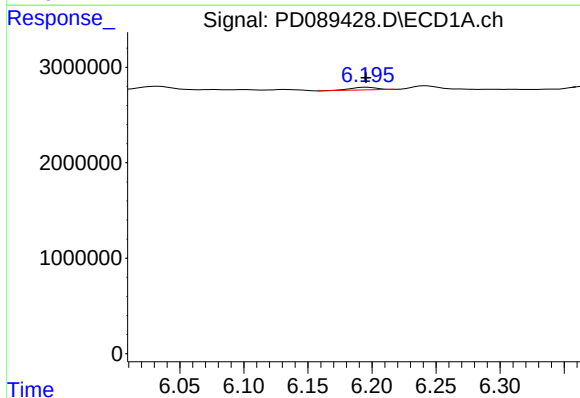
R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 1098727
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



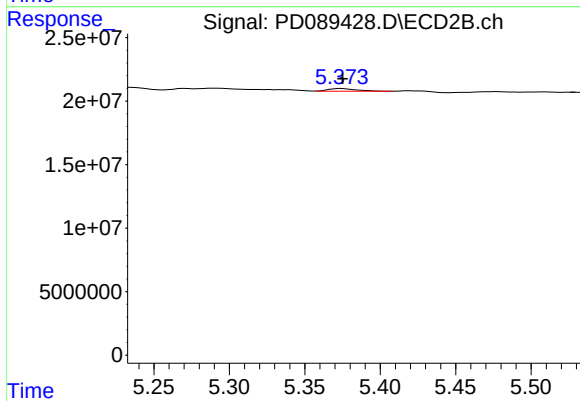
#11 alpha-Chlordane

R.T.: 5.187 min
Delta R.T.: -0.004 min
Response: 9468640
Conc: 0.41 ng/ml



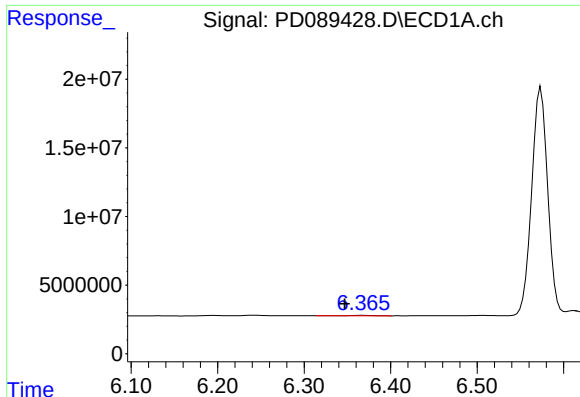
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 387196
Conc: 0.09 ng/ml



#12 4,4'-DDE

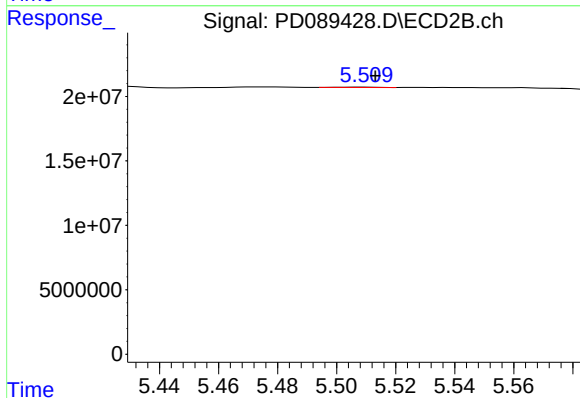
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 2778864
Conc: 0.12 ng/ml



#13 Dieldrin

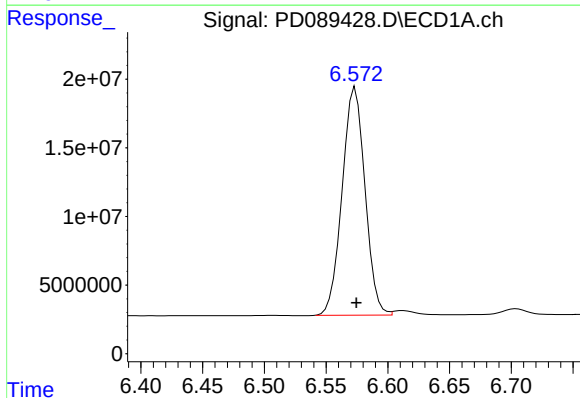
R.T.: 6.367 min
Delta R.T.: 0.020 min
Response: 529704
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



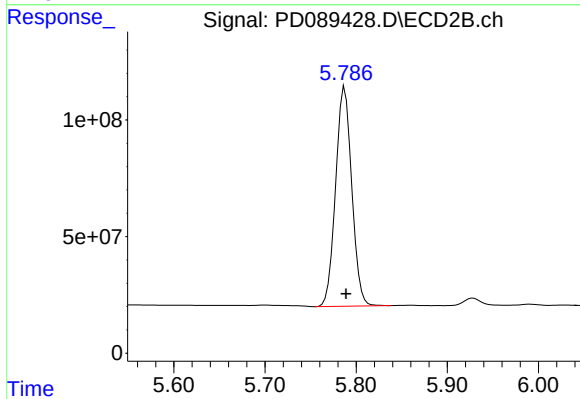
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: -0.004 min
Response: 270965
Conc: 0.01 ng/ml



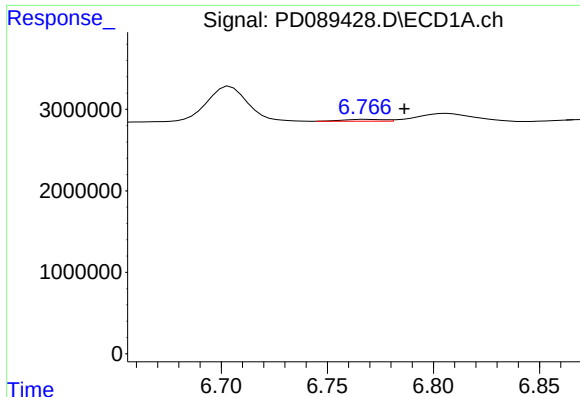
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 214139670
Conc: 51.91 ng/ml



#14 Endrin

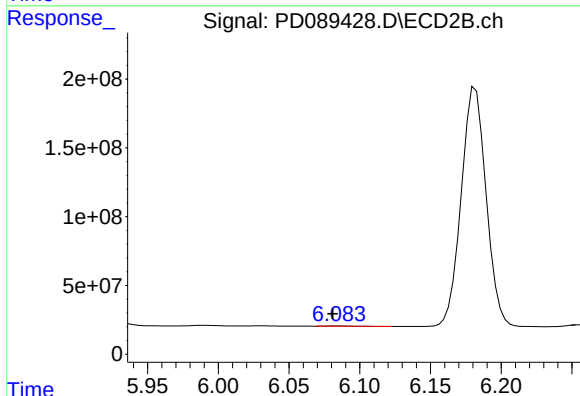
R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 1158665369
Conc: 53.36 ng/ml



#15 Endosulfan II

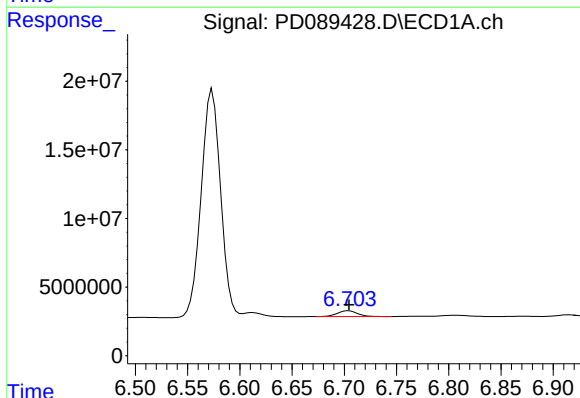
R.T.: 6.768 min
Delta R.T.: -0.018 min
Response: 312505
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



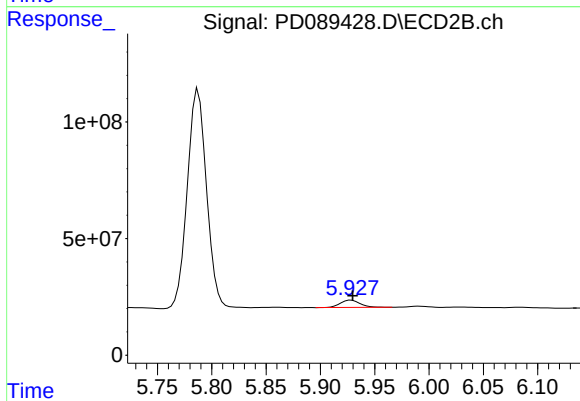
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 3194075
Conc: 0.16 ng/ml



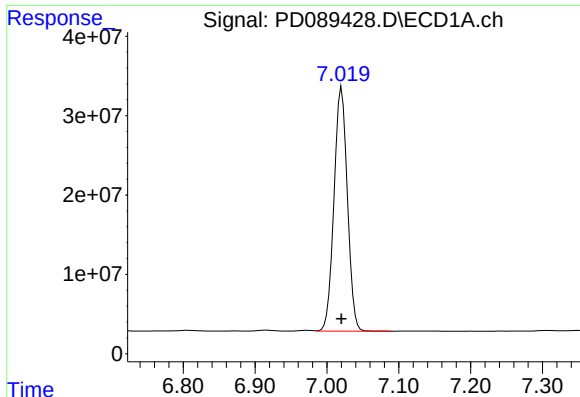
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 5764856
Conc: 1.68 ng/ml



#16 4,4'-DDD

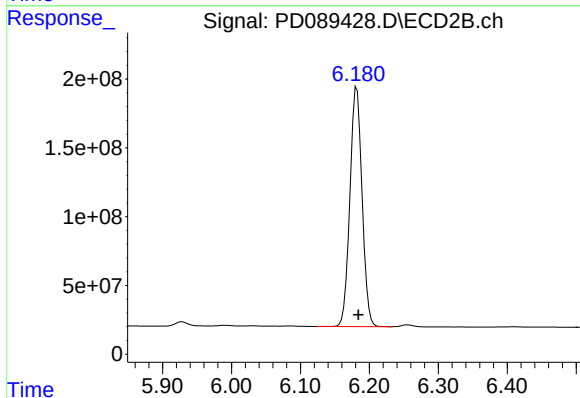
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 39848757
Conc: 2.08 ng/ml



#17 4,4'-DDT

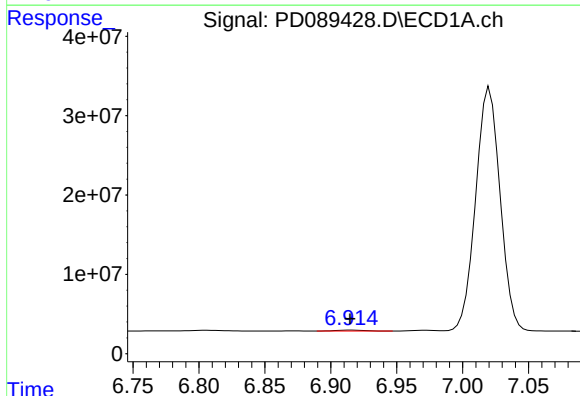
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 396269138
Conc: 104.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



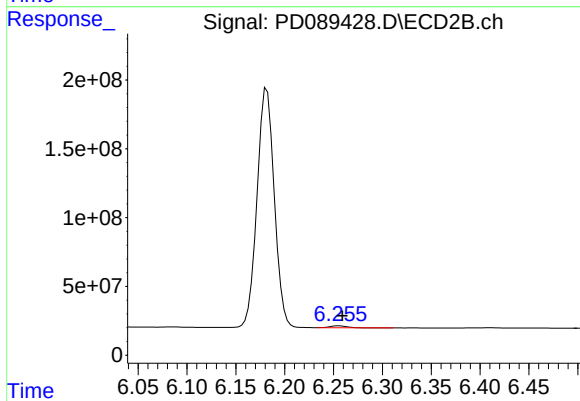
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 2137150649
Conc: 105.39 ng/ml



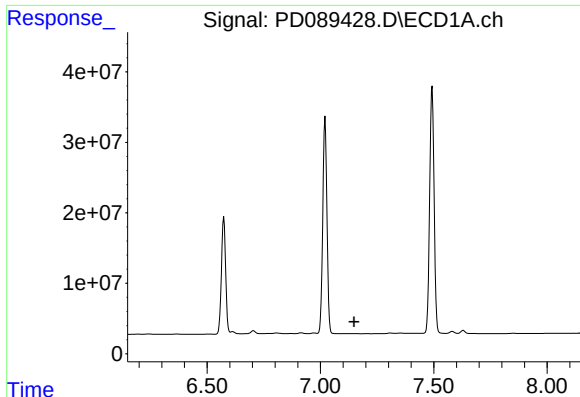
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 1755235
Conc: 0.57 ng/ml



#18 Endrin aldehyde

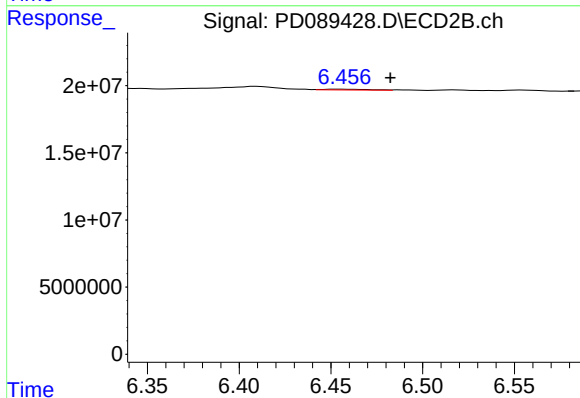
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 18087235
Conc: 1.18 ng/ml



#19 Endosulfan Sulfate

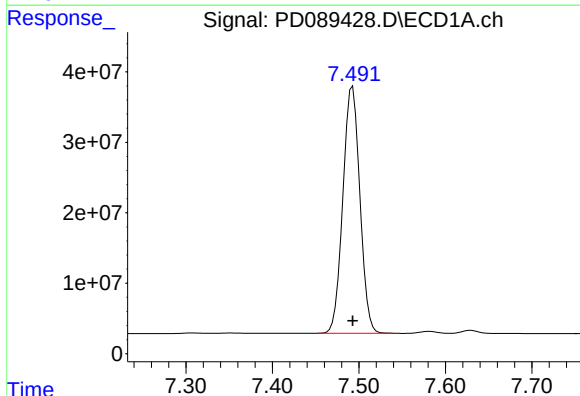
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



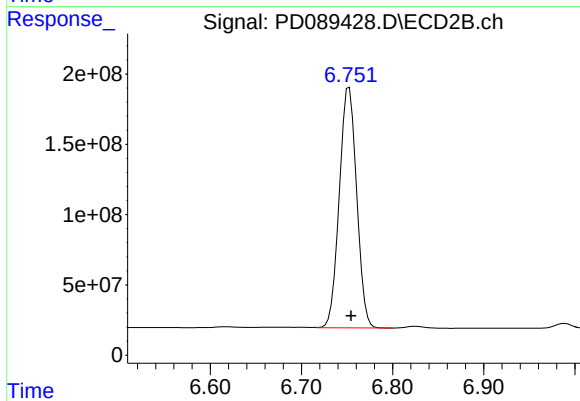
#19 Endosulfan Sulfate

R.T.: 6.454 min
Delta R.T.: -0.029 min
Response: 1090049
Conc: 0.06 ng/ml



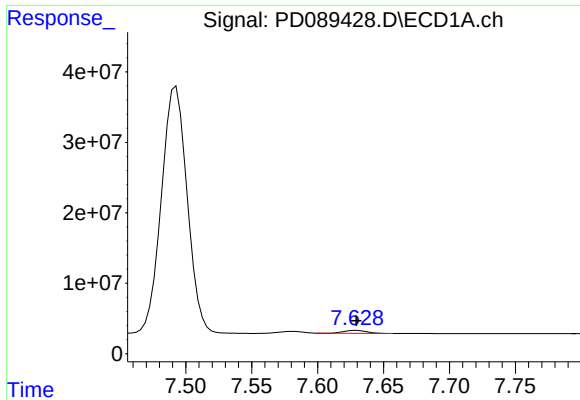
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 475665019
Conc: 235.40 ng/ml



#20 Methoxychlor

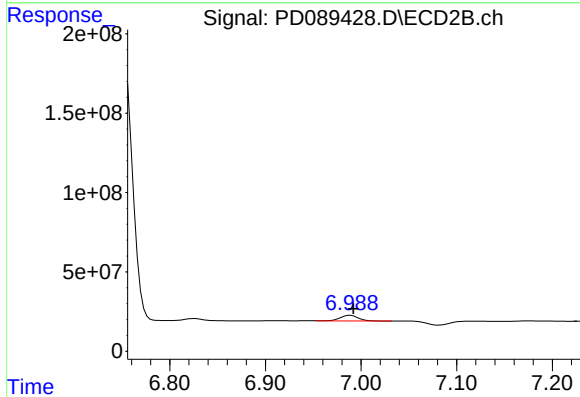
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 2263294828
Conc: 210.19 ng/ml



#21 Endrin ketone

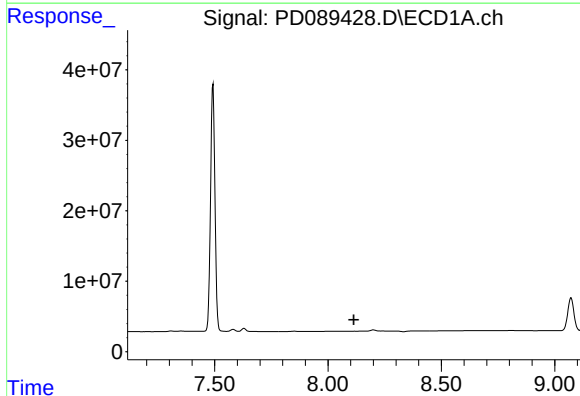
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 4908365
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



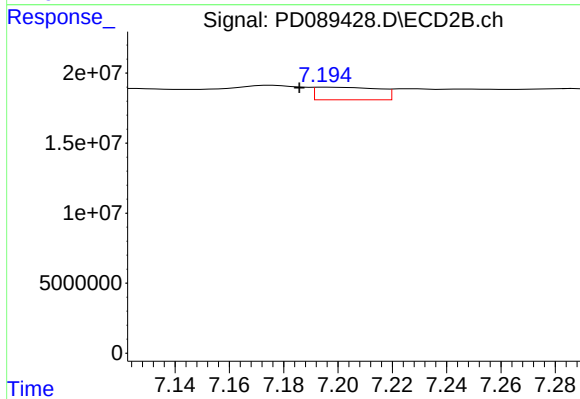
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 48428531
Conc: 2.24 ng/ml



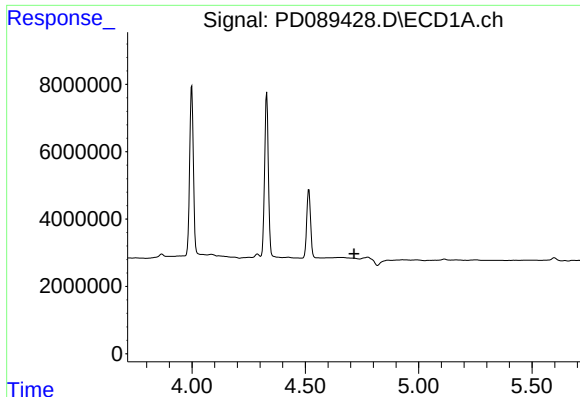
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

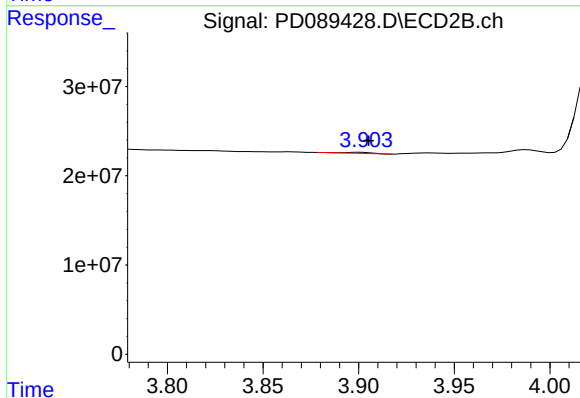
R.T.: 7.195 min
Delta R.T.: 0.010 min
Response: 14539537
Conc: 0.87 ng/ml



#23 Chlordane-1

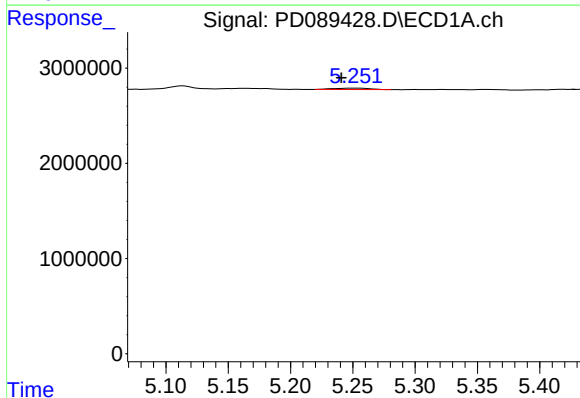
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



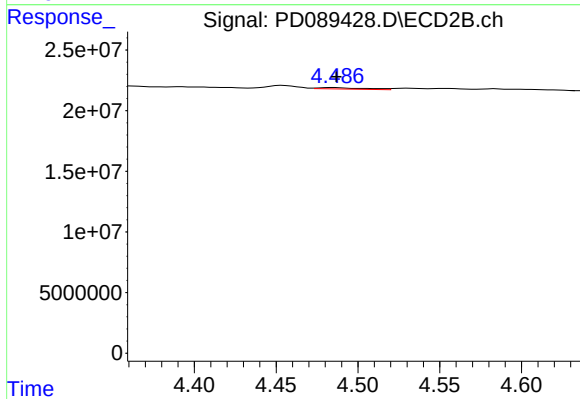
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 1378305
Conc: 1.48 ng/ml



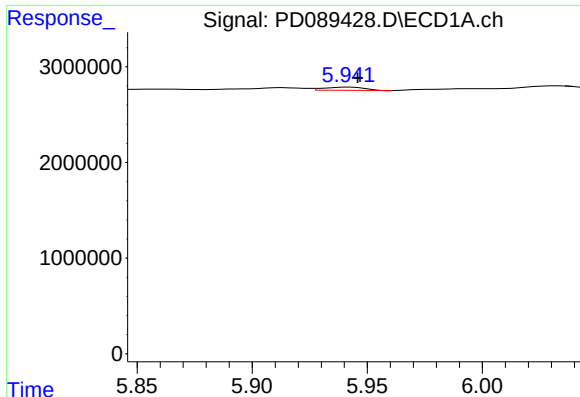
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.011 min
Response: 281651
Conc: 1.29 ng/ml



#24 Chlordane-2

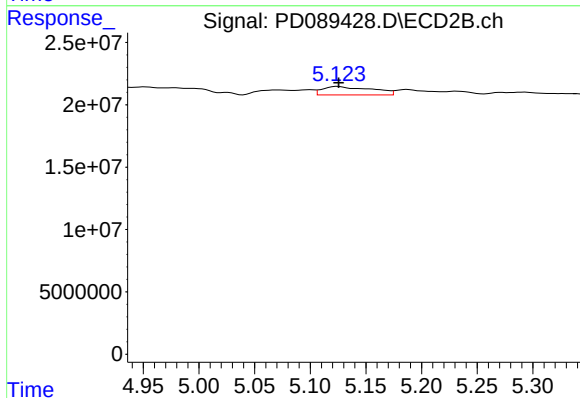
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 2306499
Conc: 2.42 ng/ml



#25 Chlordane-3

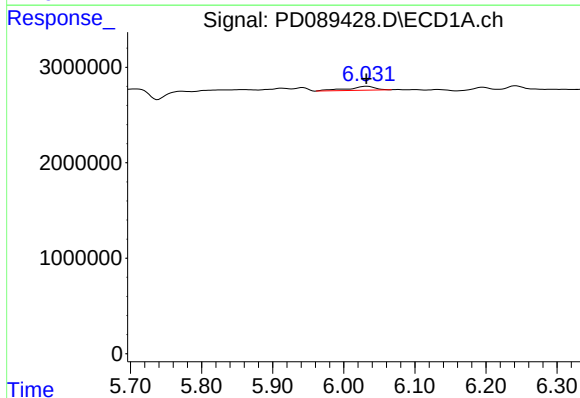
R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 420667
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



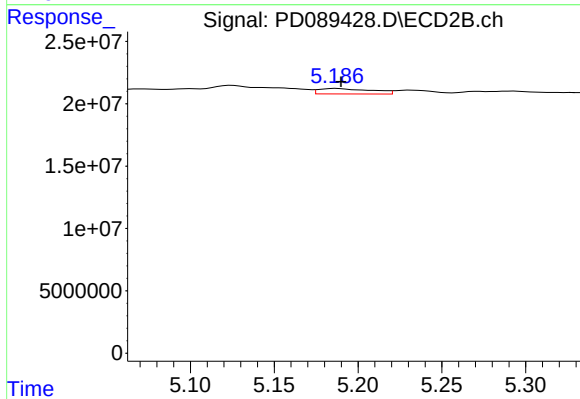
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 20861626
Conc: 7.02 ng/ml



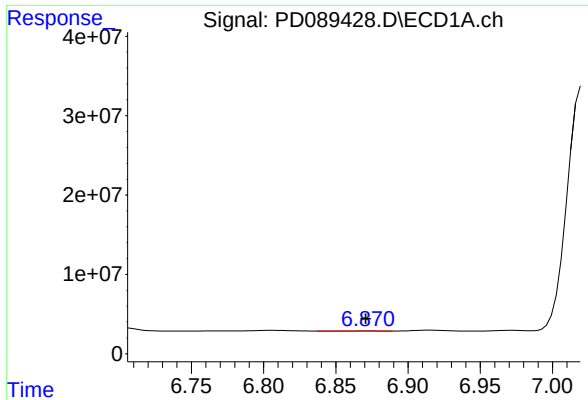
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 1098727
Conc: 1.05 ng/ml



#26 Chlordane-4

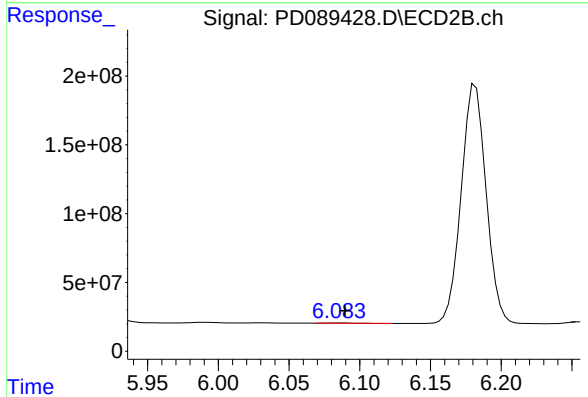
R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 9468640
Conc: 3.78 ng/ml



#27 Chlordane-5

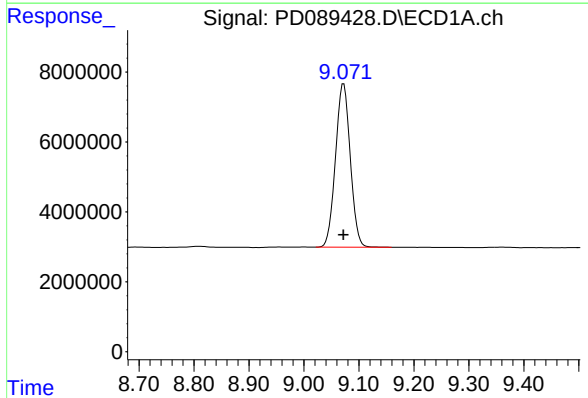
R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 189715
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



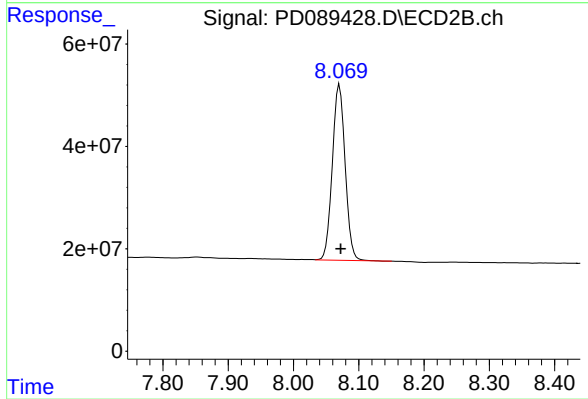
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 3194075
Conc: 2.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 87326395
Conc: 22.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 468283572
Conc: 23.69 ng/ml