

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
 Data File : PD089788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 09:55
 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 07 23:14:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.547	2.877	52067655	399.4E6	21.109	25.215
28)	SA Decachlor...	9.066	8.065	78072148	477.4E6	21.008	23.778
Target Compounds							
2)	A alpha-BHC	3.996	3.389	49803565	331.3E6	10.054	13.633 #
3)	MA gamma-BHC...	4.327	3.725	49118703	304.0E6	10.336	13.496 #
4)	MA Heptachlor	0.000	4.074	0	924272	N.D.	0.040 #
5)	MB Aldrin	5.249f	4.360	347666	1002148	0.076	0.045 #
6)	B beta-BHC	4.513	4.021	20756014	130.8E6	11.252	13.555
7)	B delta-BHC	4.769	4.257	1388791	821506	0.303	0.036 #
8)	B Heptachlo...	5.678	4.878	2782689	395394	0.666	0.019 #
9)	A Endosulfan I	0.000	5.224f	0	4928569	N.D.	0.252 #
10)	B gamma-Chl...	5.941	5.120	311013	9076379	0.074	0.419 #
11)	B alpha-Chl...	6.026	5.184	516574	7915341	0.123	0.380 #
12)	B 4,4'-DDE	6.192	5.370	428138	4351230	0.115	0.206 #
13)	MA Dieldrin	6.362f	5.499	452132	320864	0.107	0.015 #
14)	MA Endrin	6.570	5.783	174.2E6	1145.9E6	48.684	57.509
15)	B Endosulfa...	6.767f	6.080	747910	6566075	0.204	0.349 #
16)	A 4,4'-DDD	6.700	5.924	10581315	82461865	3.533	4.677 #
17)	MA 4,4'-DDT	7.017	6.177	319.3E6	2123.3E6	95.028	115.569
18)	B Endrin al...	6.911	6.251	2461630	24813873	0.986	1.921 #
19)	B Endosulfa...	0.000	6.456f	0	2216297	N.D.	0.119 #
20)	A Methoxychlor	7.489	6.747	393.1E6	2257.4E6	219.841	230.451
21)	B Endrin ke...	7.625	6.984	7797473	68918489	2.099	3.434 #
22)	Mirex	8.123	7.171	87112	5992893	0.031	0.394 #
23)	Chlordane-1	0.000	3.899	0	1139727	N.D.	1.558 #
24)	Chlordane-2	5.249	4.485	347666	5181077	2.046	6.778 #
25)	Chlordane-3	5.941	5.120	311013	9076379	0.453	3.922 #
26)	Chlordane-4	6.026	5.184	516574	7915341	0.617	3.978 #
27)	Chlordane-5	0.000	6.080	0	6566075	N.D.	7.258 #

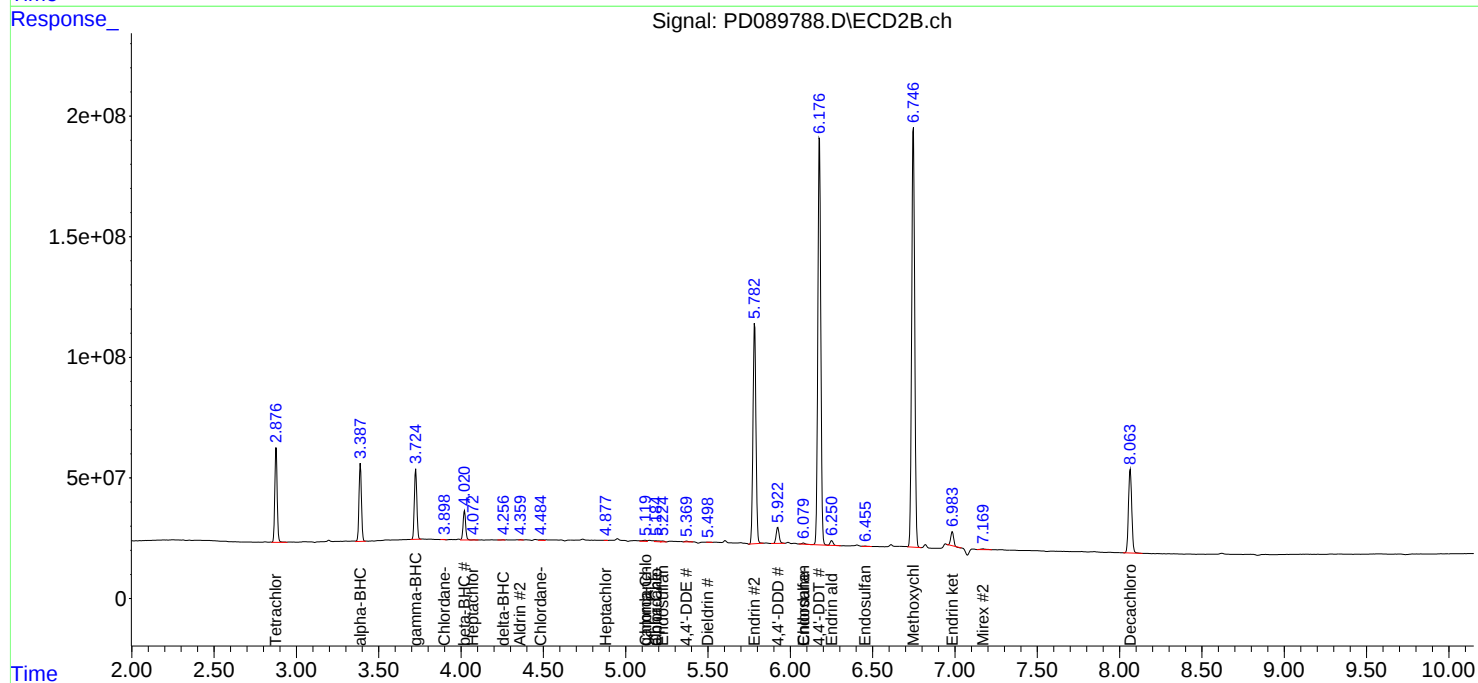
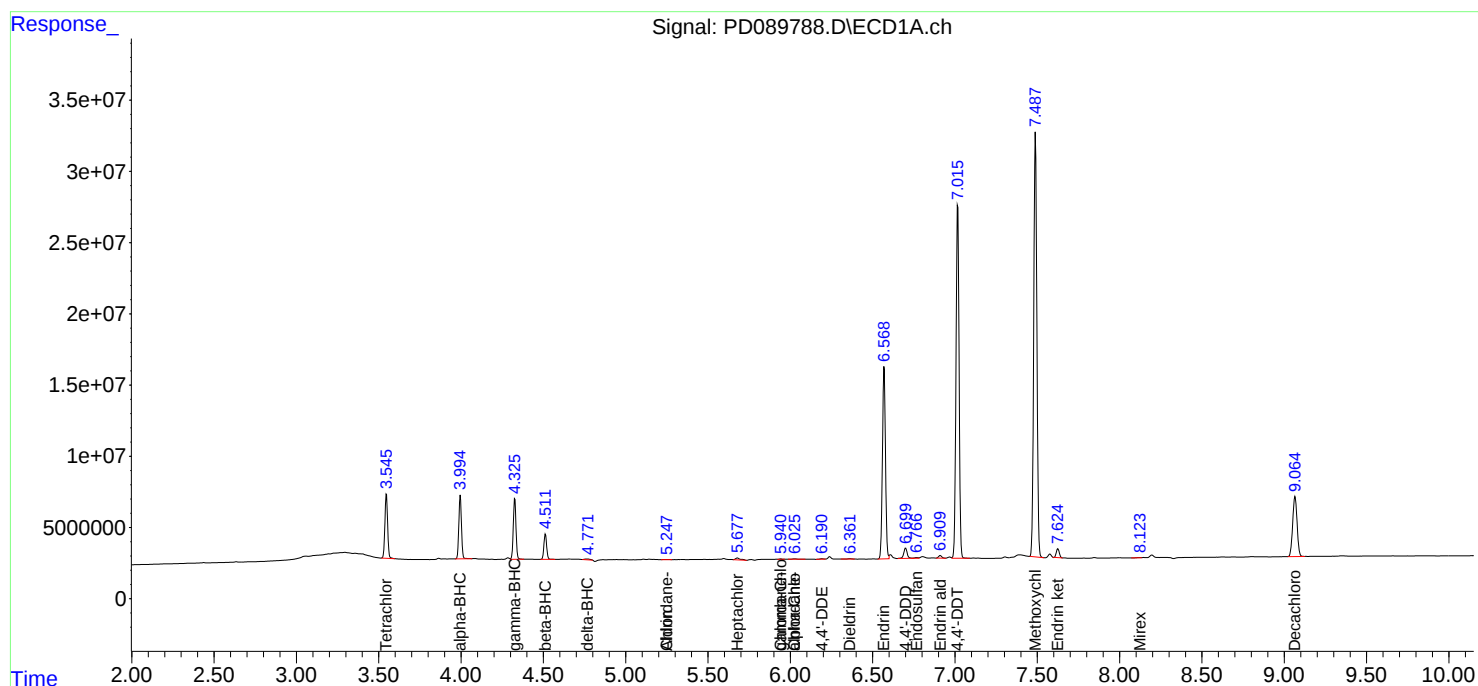
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

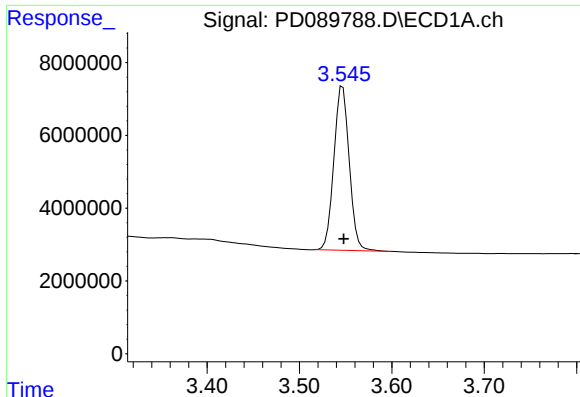
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080825\
Data File : PD089788.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2025 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 23:14:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

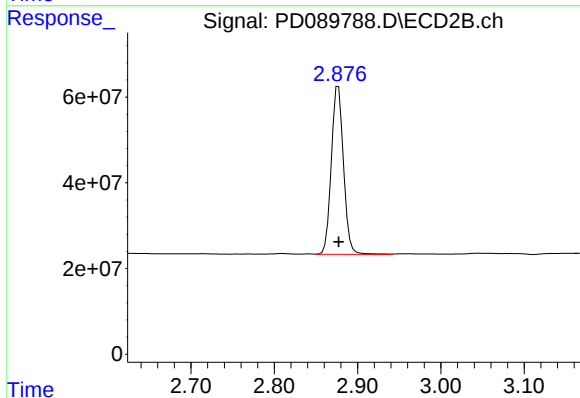




#1 Tetrachloro-m-xylene

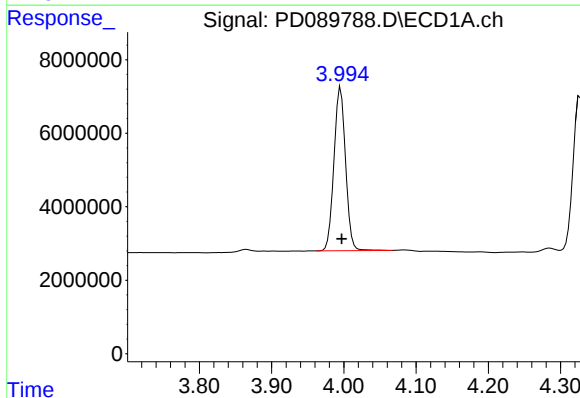
R.T.: 3.547 min
Delta R.T.: -0.001 min
Response: 52067655
Conc: 21.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



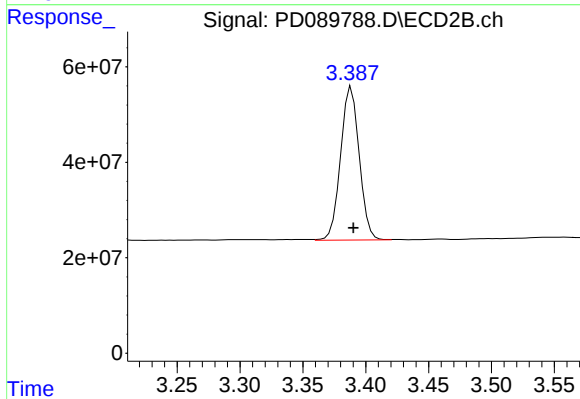
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 399355668
Conc: 25.22 ng/ml



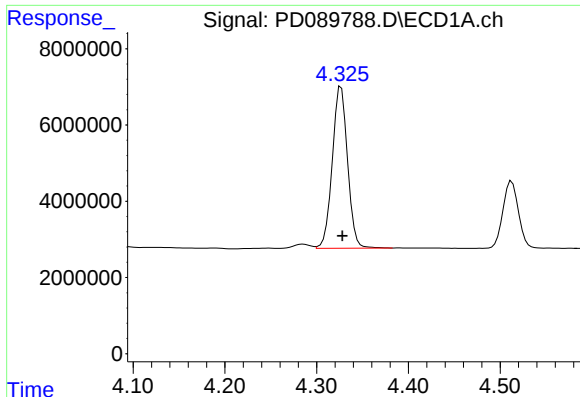
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: -0.001 min
Response: 49803565
Conc: 10.05 ng/ml



#2 alpha-BHC

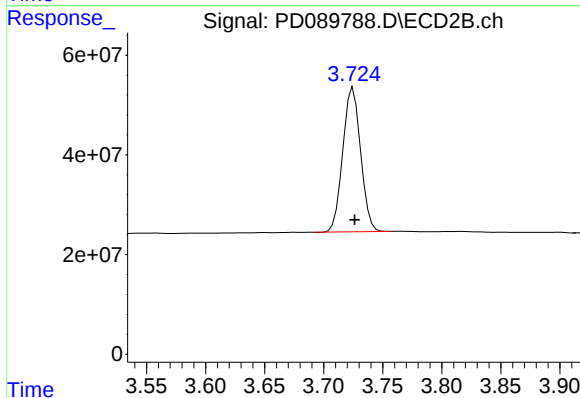
R.T.: 3.389 min
Delta R.T.: -0.001 min
Response: 331338651
Conc: 13.63 ng/ml



#3 gamma-BHC (Lindane)

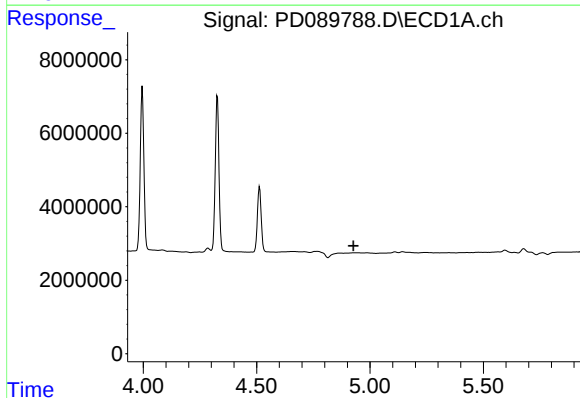
R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 49118703
Conc: 10.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



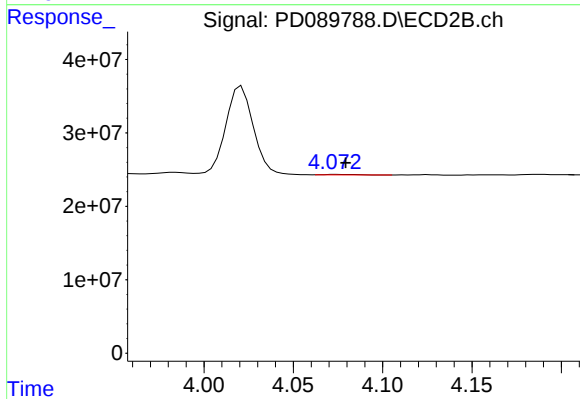
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: -0.001 min
Response: 303977008
Conc: 13.50 ng/ml



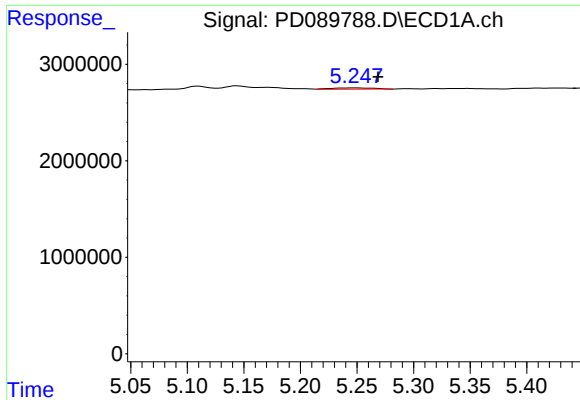
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

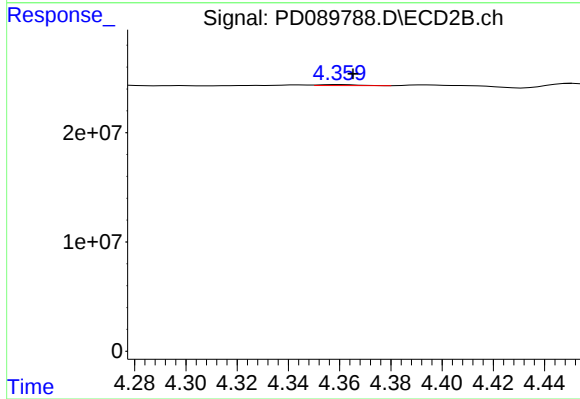
R.T.: 4.074 min
Delta R.T.: -0.006 min
Response: 924272
Conc: 0.04 ng/ml



#5 Aldrin

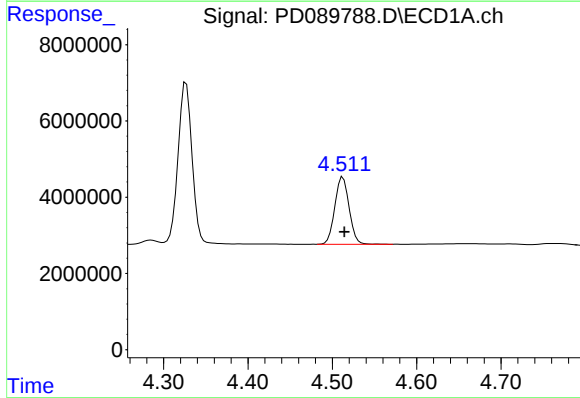
R.T.: 5.249 min
Delta R.T.: -0.020 min
Response: 347666
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



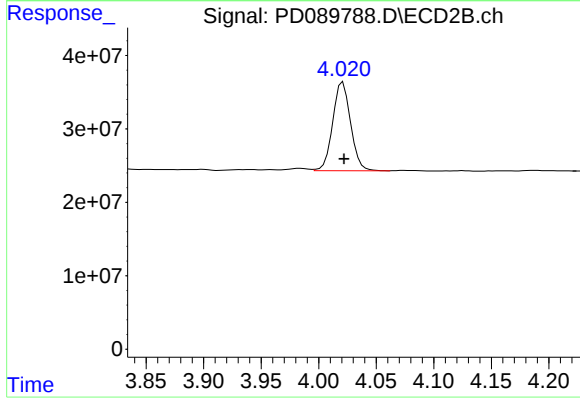
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.005 min
Response: 1002148
Conc: 0.05 ng/ml



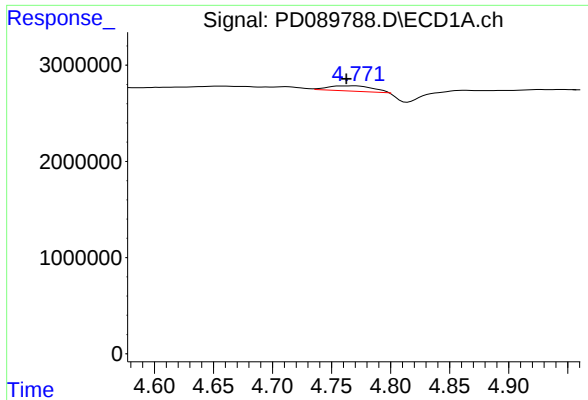
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.002 min
Response: 20756014
Conc: 11.25 ng/ml



#6 beta-BHC

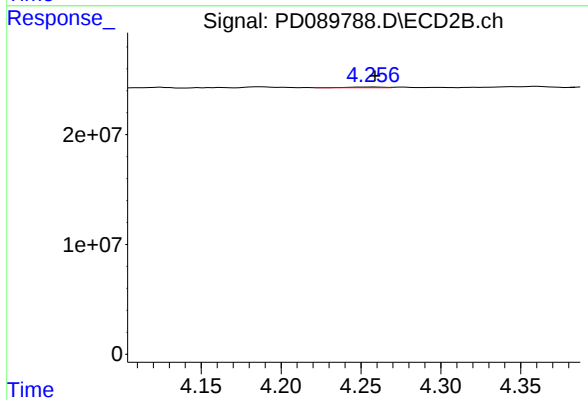
R.T.: 4.021 min
Delta R.T.: -0.001 min
Response: 130790223
Conc: 13.55 ng/ml



#7 delta-BHC

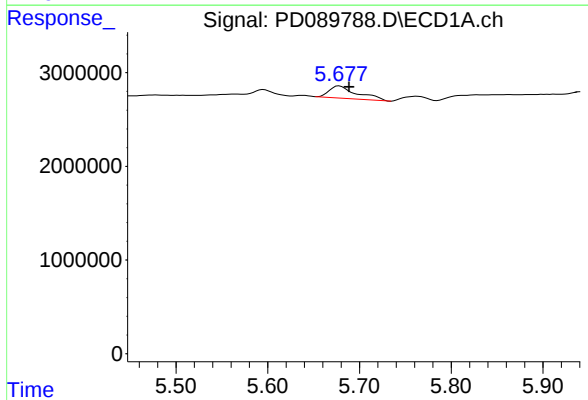
R.T.: 4.769 min
Delta R.T.: 0.007 min
Response: 1388791
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



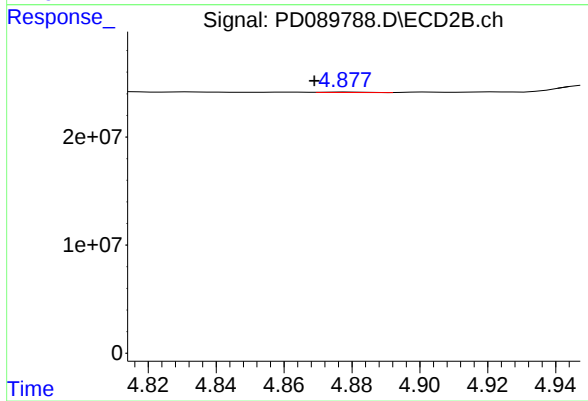
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.002 min
Response: 821506
Conc: 0.04 ng/ml



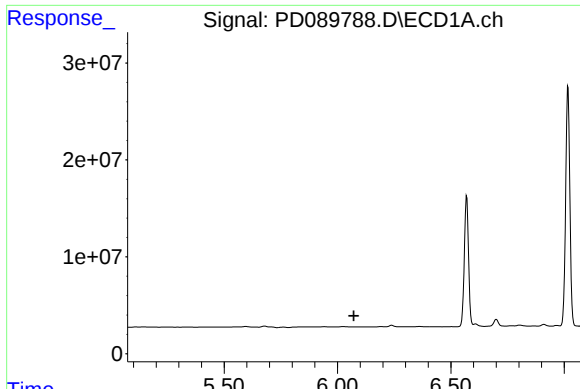
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.011 min
Response: 2782689
Conc: 0.67 ng/ml



#8 Heptachlor epoxide

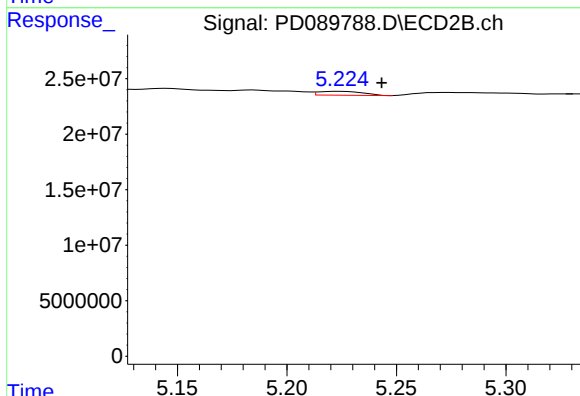
R.T.: 4.878 min
Delta R.T.: 0.009 min
Response: 395394
Conc: 0.02 ng/ml



#9 Endosulfan I

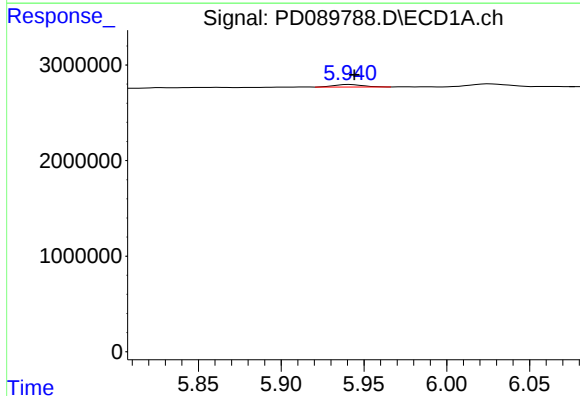
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



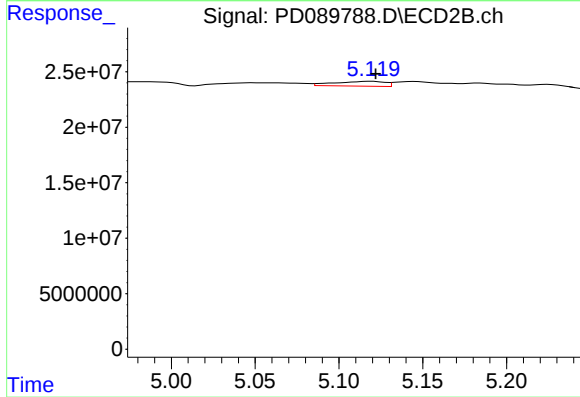
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.019 min
Response: 4928569
Conc: 0.25 ng/ml



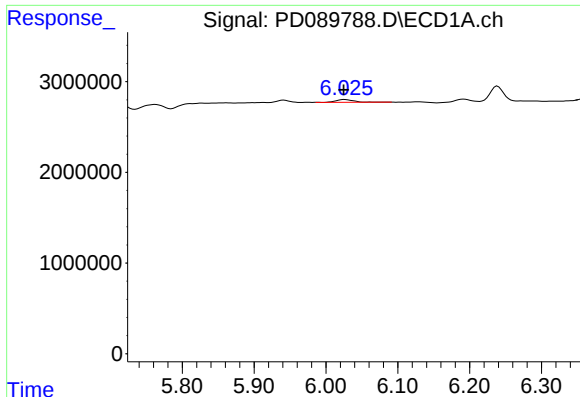
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 311013
Conc: 0.07 ng/ml



#10 gamma-Chlordane

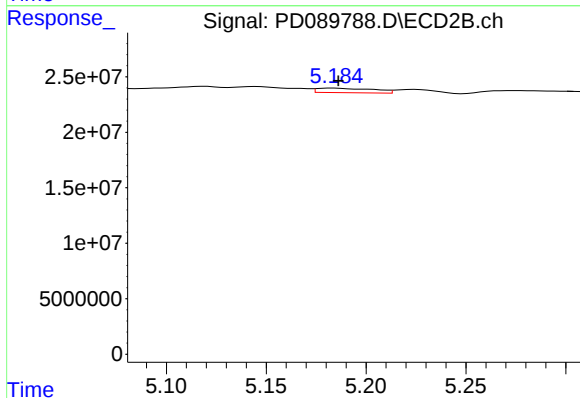
R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 9076379
Conc: 0.42 ng/ml



#11 alpha-Chlordane

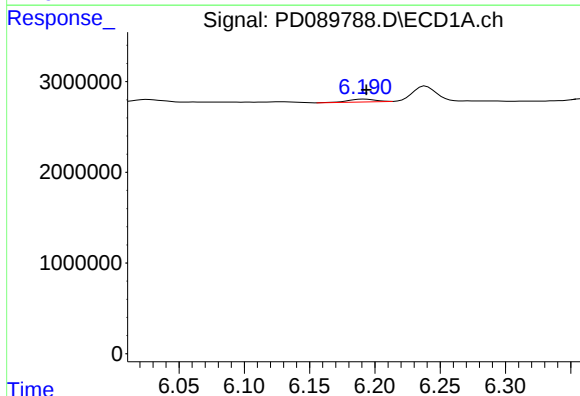
R.T.: 6.026 min
Delta R.T.: 0.001 min
Response: 516574
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



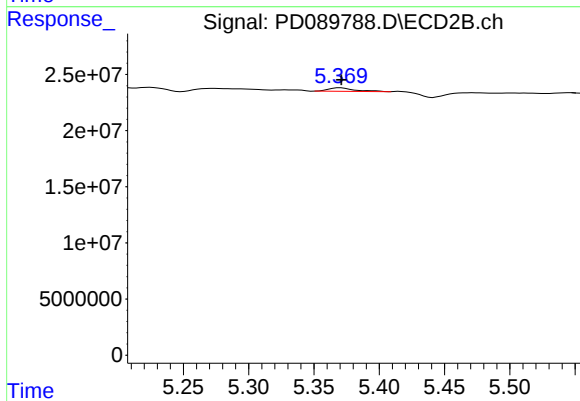
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 7915341
Conc: 0.38 ng/ml



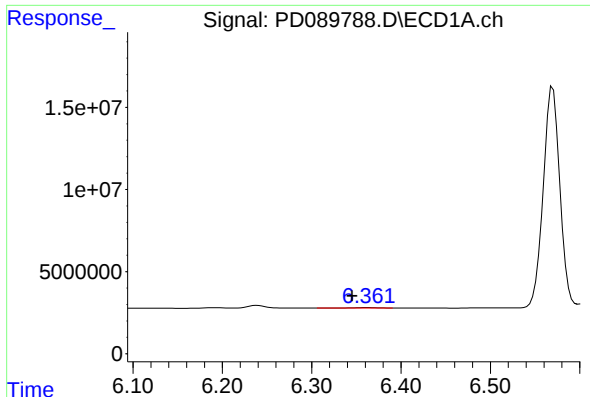
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 428138
Conc: 0.11 ng/ml



#12 4,4'-DDE

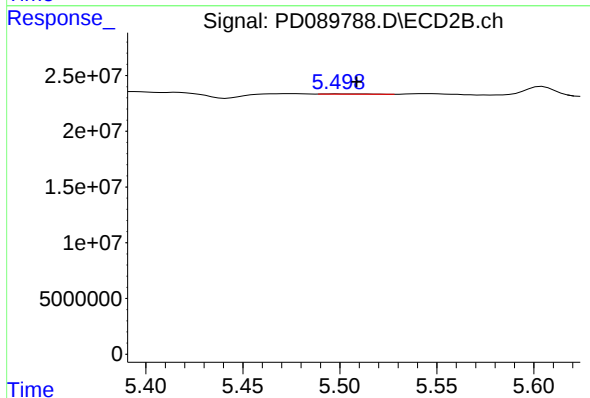
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 4351230
Conc: 0.21 ng/ml



#13 Dieldrin

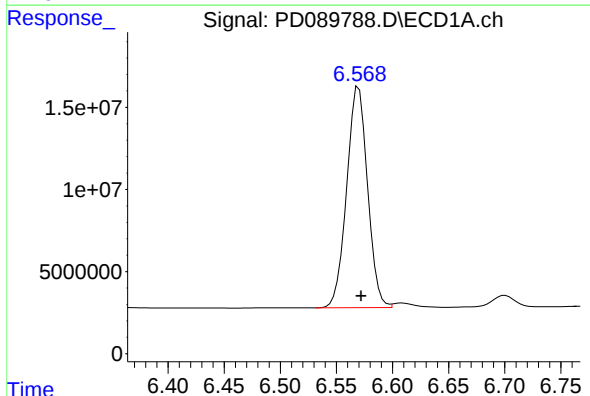
R.T.: 6.362 min
Delta R.T.: 0.017 min
Response: 452132
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



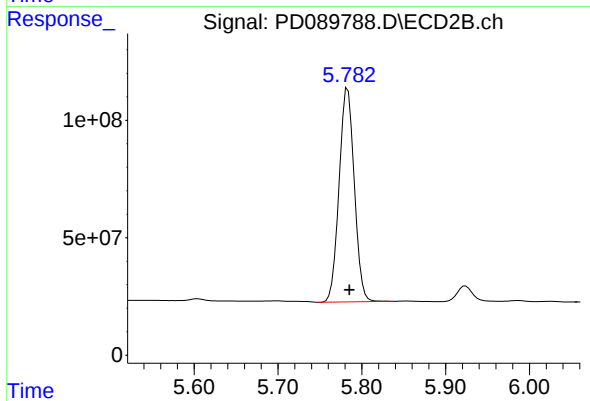
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.009 min
Response: 320864
Conc: 0.01 ng/ml



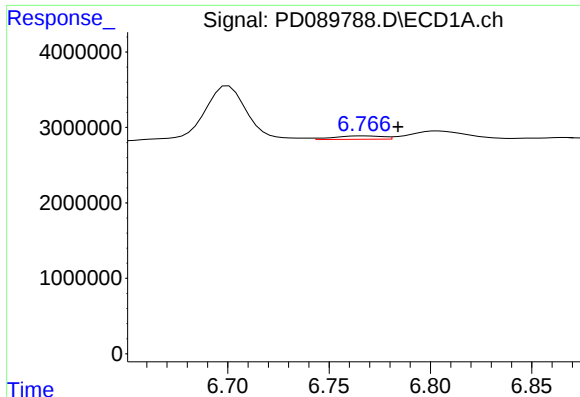
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 174178651
Conc: 48.68 ng/ml



#14 Endrin

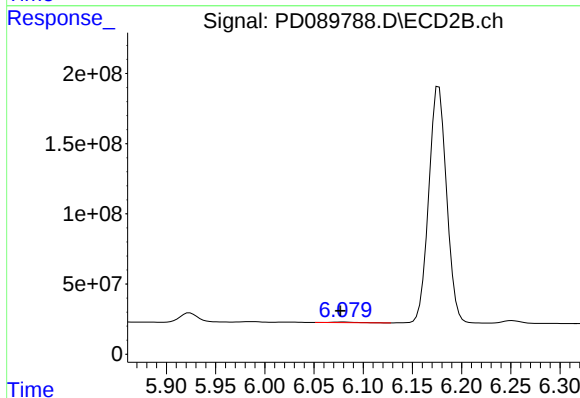
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 1145879452
Conc: 57.51 ng/ml



#15 Endosulfan II

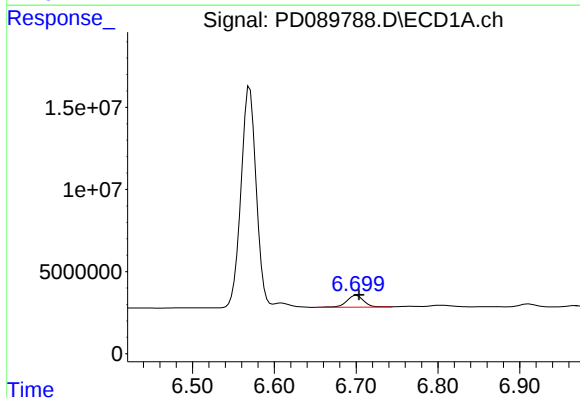
R.T.: 6.767 min
Delta R.T.: -0.017 min
Response: 747910
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



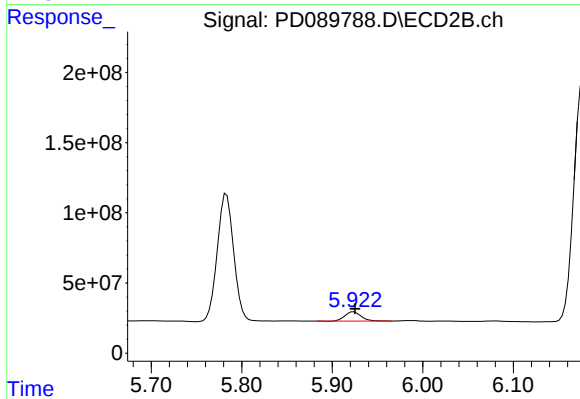
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.004 min
Response: 6566075
Conc: 0.35 ng/ml



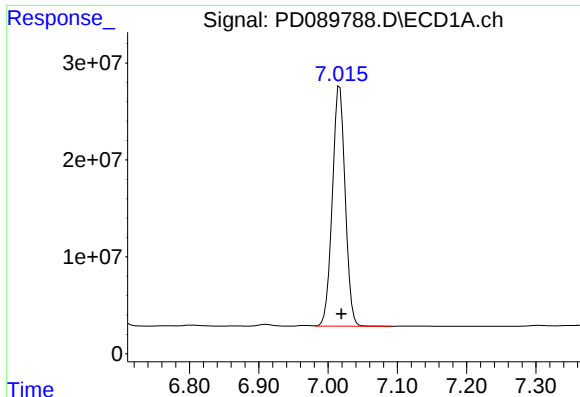
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: -0.003 min
Response: 10581315
Conc: 3.53 ng/ml



#16 4,4'-DDD

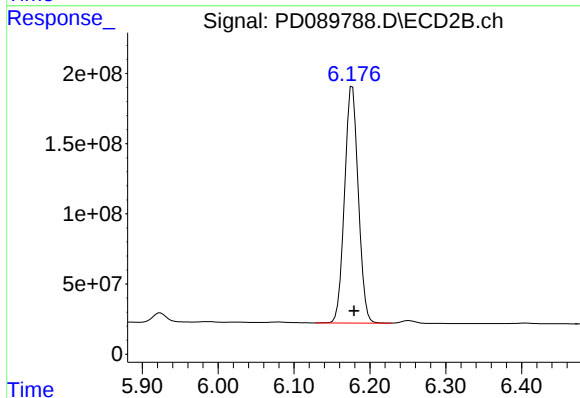
R.T.: 5.924 min
Delta R.T.: -0.002 min
Response: 82461865
Conc: 4.68 ng/ml



#17 4,4'-DDT

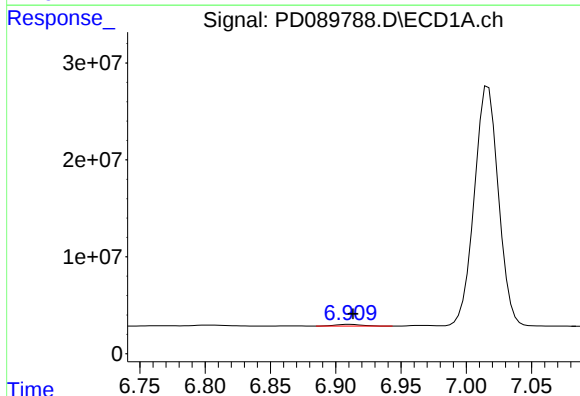
R.T.: 7.017 min
Delta R.T.: -0.003 min
Response: 319317751
Conc: 95.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



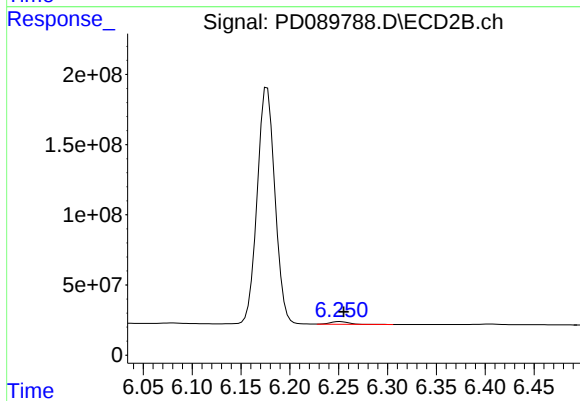
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 2123310358
Conc: 115.57 ng/ml



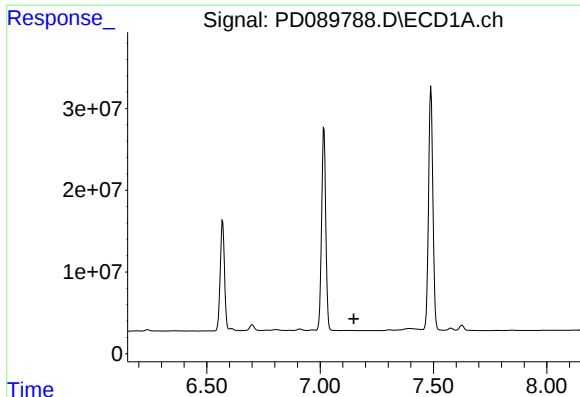
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 2461630
Conc: 0.99 ng/ml



#18 Endrin aldehyde

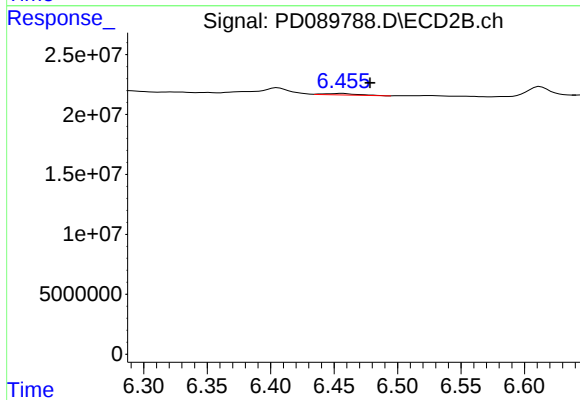
R.T.: 6.251 min
Delta R.T.: -0.004 min
Response: 24813873
Conc: 1.92 ng/ml



#19 Endosulfan Sulfate

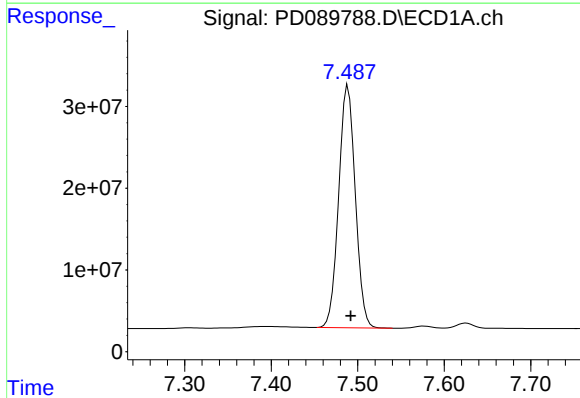
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



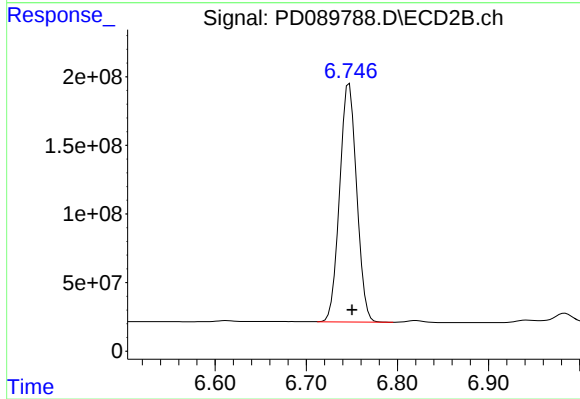
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.022 min
Response: 2216297
Conc: 0.12 ng/ml



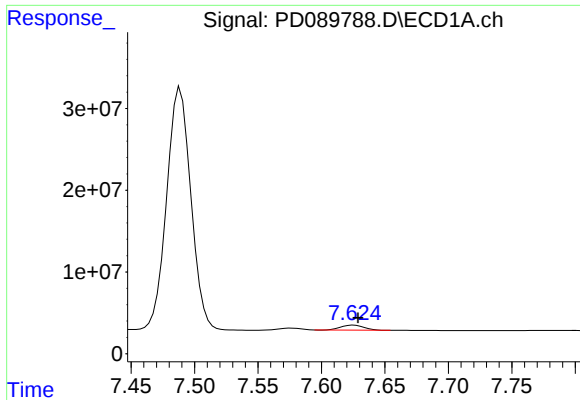
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.003 min
Response: 393069673
Conc: 219.84 ng/ml



#20 Methoxychlor

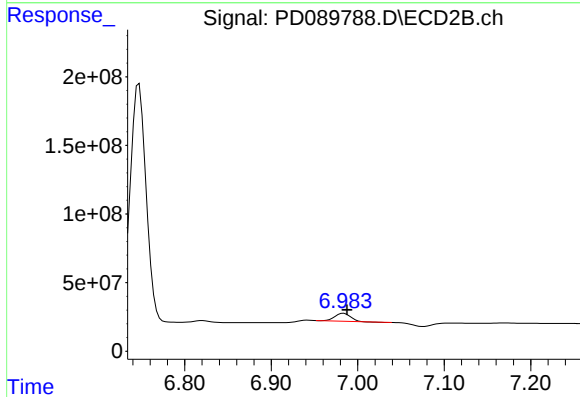
R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 2257378545
Conc: 230.45 ng/ml



#21 Endrin ketone

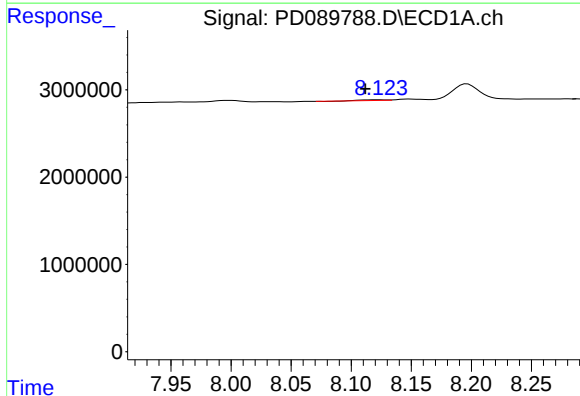
R.T.: 7.625 min
Delta R.T.: -0.003 min
Response: 7797473
Conc: 2.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



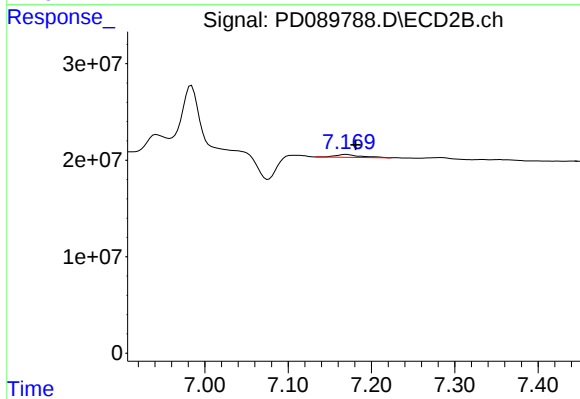
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.004 min
Response: 68918489
Conc: 3.43 ng/ml



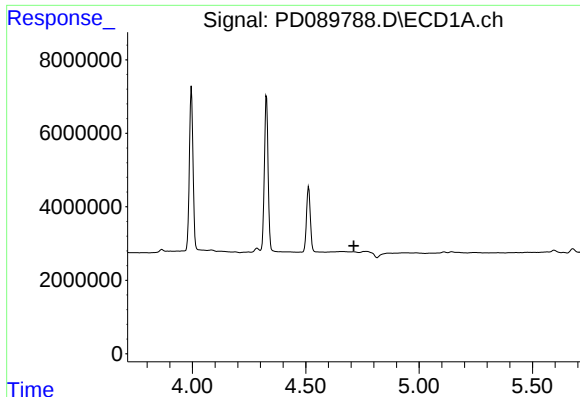
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.011 min
Response: 87112
Conc: 0.03 ng/ml



#22 Mirex

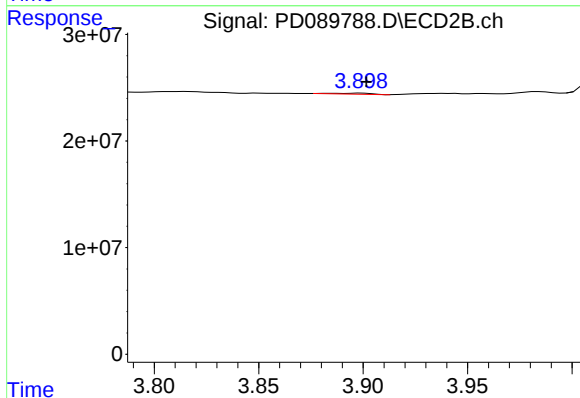
R.T.: 7.171 min
Delta R.T.: -0.010 min
Response: 5992893
Conc: 0.39 ng/ml



#23 Chlordane-1

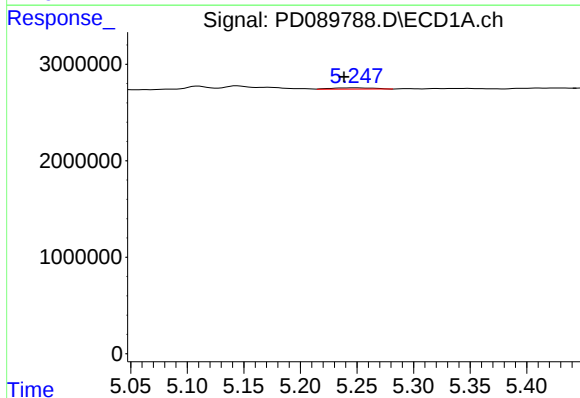
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



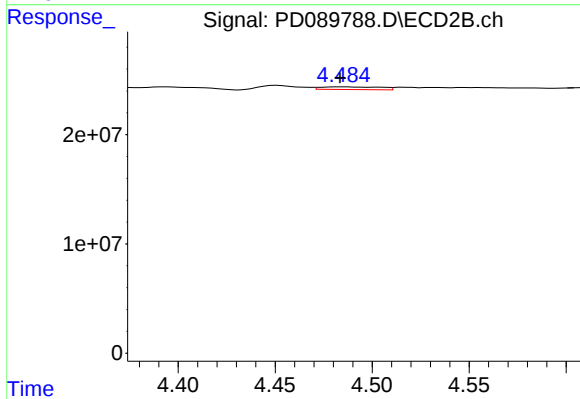
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.003 min
Response: 1139727
Conc: 1.56 ng/ml



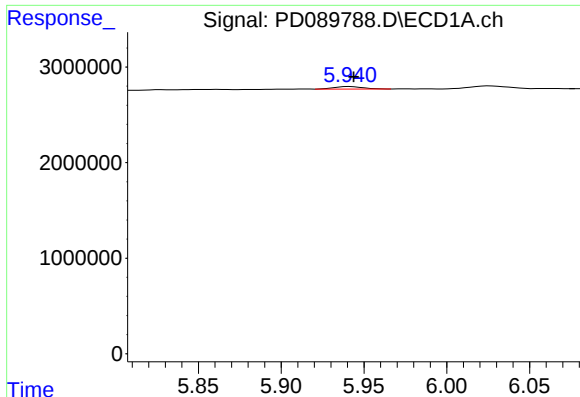
#24 Chlordane-2

R.T.: 5.249 min
Delta R.T.: 0.011 min
Response: 347666
Conc: 2.05 ng/ml



#24 Chlordane-2

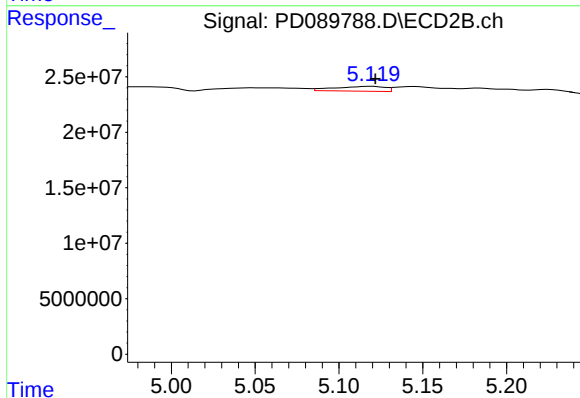
R.T.: 4.485 min
Delta R.T.: 0.001 min
Response: 5181077
Conc: 6.78 ng/ml



#25 Chlordane-3

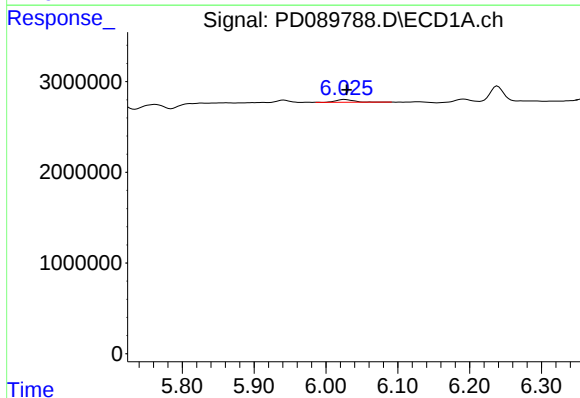
R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 311013
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



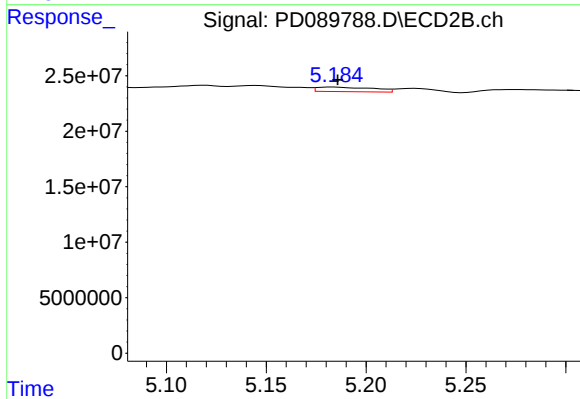
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 9076379
Conc: 3.92 ng/ml



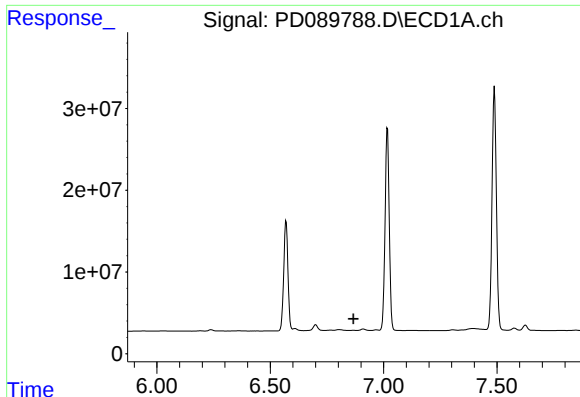
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.003 min
Response: 516574
Conc: 0.62 ng/ml



#26 Chlordane-4

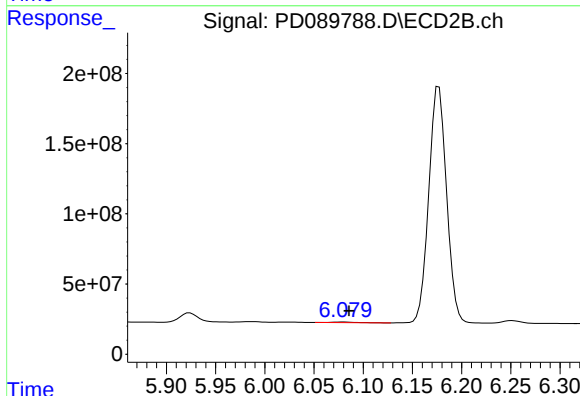
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 7915341
Conc: 3.98 ng/ml



#27 Chlordane-5

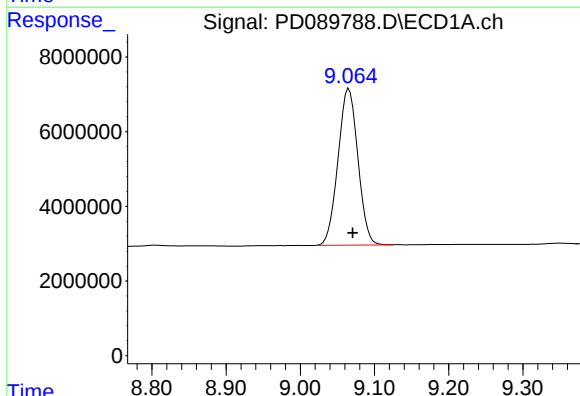
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



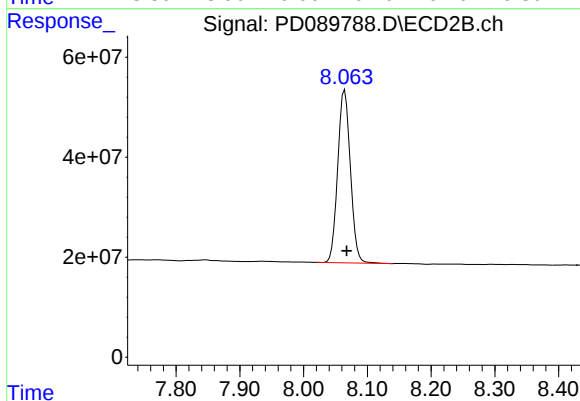
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 6566075
Conc: 7.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.005 min
Response: 78072148
Conc: 21.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 477413285
Conc: 23.78 ng/ml