

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081425\
 Data File : PD089879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2025 10:13
 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 13 23:49:24 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...	3.550	2.877	45150768	365.8E6	18.305	23.098 #
28)	SA Decachlor...	9.070	8.067	66602481	426.7E6	17.922	21.254
Target Compounds							
2)	A alpha-BHC	3.999	3.389	43042804	309.0E6	8.689	12.715 #
3)	MA gamma-BHC...	4.330	3.726	42832979	280.9E6	9.013	12.470 #
4)	MA Heptachlor	0.000	4.074	0	1171996	N.D.	0.050 #
5)	MB Aldrin	0.000	4.358	0	1229061	N.D.	0.055 #
6)	B beta-BHC	4.517	4.022	18864911	119.0E6	10.227	12.329
7)	B delta-BHC	4.777	4.259	950121	1272266	0.207	0.056 #
8)	B Heptachlo...	5.682	4.865	4267739	2647005	1.021	0.129 #
9)	A Endosulfan I	0.000	5.225f	0	12050919	N.D.	0.616 #
10)	B gamma-Chl...	5.943	5.121	389490	37571379	0.093	1.735 #
11)	B alpha-Chl...	6.032	5.184	528217	38170740	0.126	1.833 #
12)	B 4,4'-DDE	6.195	5.372	536876	5331313	0.144	0.252 #
13)	MA Dieldrin	6.367f	5.522	1138937	1758951	0.270	0.081 #
14)	MA Endrin	6.574	5.785	146.9E6	1042.7E6	41.065	52.333 #
15)	B Endosulfa...	6.771	6.082	3089587	12246734	0.842	0.651
16)	A 4,4'-DDD	6.705	5.925	28093201	161.5E6	9.381	9.160
17)	MA 4,4'-DDT	7.021	6.179	242.3E6	1746.6E6	72.111	95.065 #
18)	B Endrin al...	6.915	6.254	3167379	27839005	1.269	2.155 #
19)	B Endosulfa...	0.000	6.456f	0	3935652	N.D.	0.212 #
20)	A Methoxychlor	7.493	6.750	301.3E6	1900.3E6	168.505	193.995
21)	B Endrin ke...	7.629	6.987	10624133	96986861	2.860	4.833 #
22)	Mirex	8.117	7.172	118628	5731599	0.043	0.377 #
23)	Chlordane-1	0.000	3.898	0	891488	N.D.	1.219 #
24)	Chlordane-2	0.000	4.488	0	51042790	N.D.	66.778 #
25)	Chlordane-3	5.943	5.121	389490	37571379	0.568	16.235 #
26)	Chlordane-4	6.032	5.184	528217	38170740	0.631	19.186 #
27)	Chlordane-5	0.000	6.082	0	12246734	N.D.	13.537 #

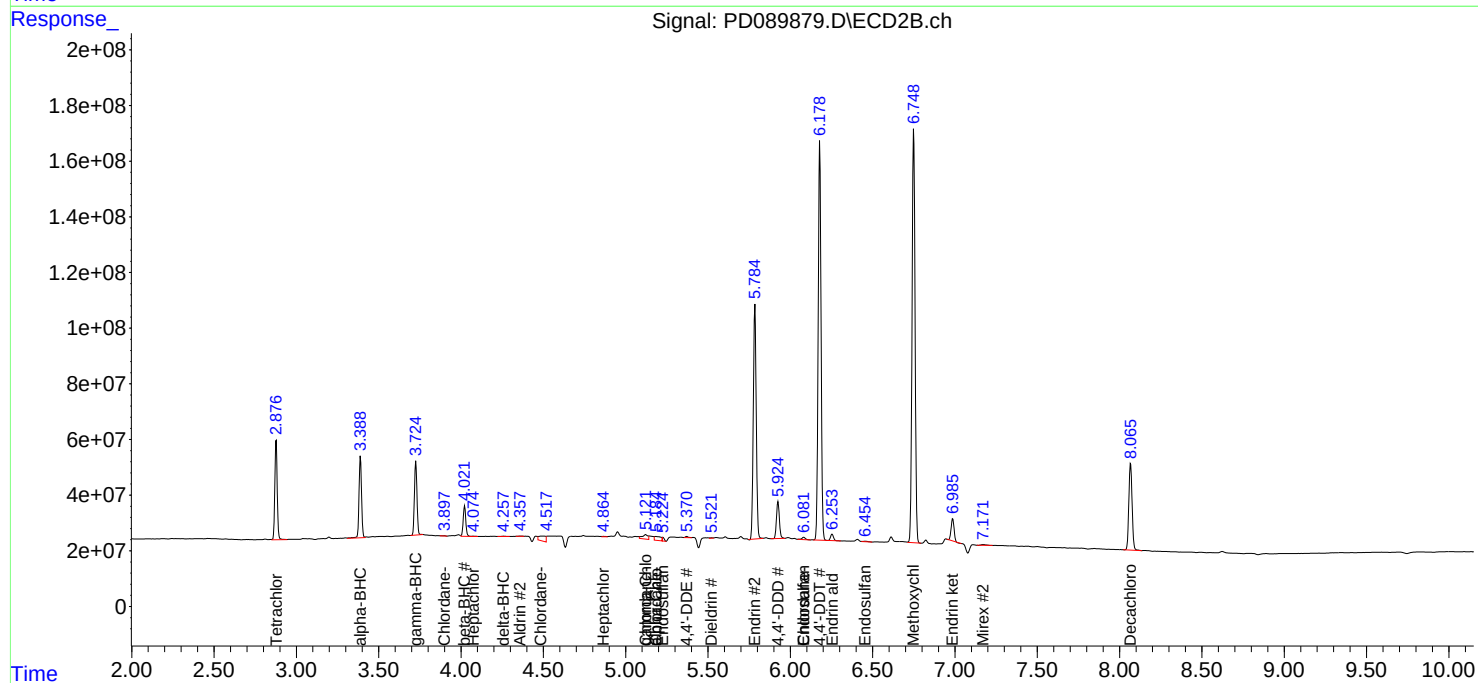
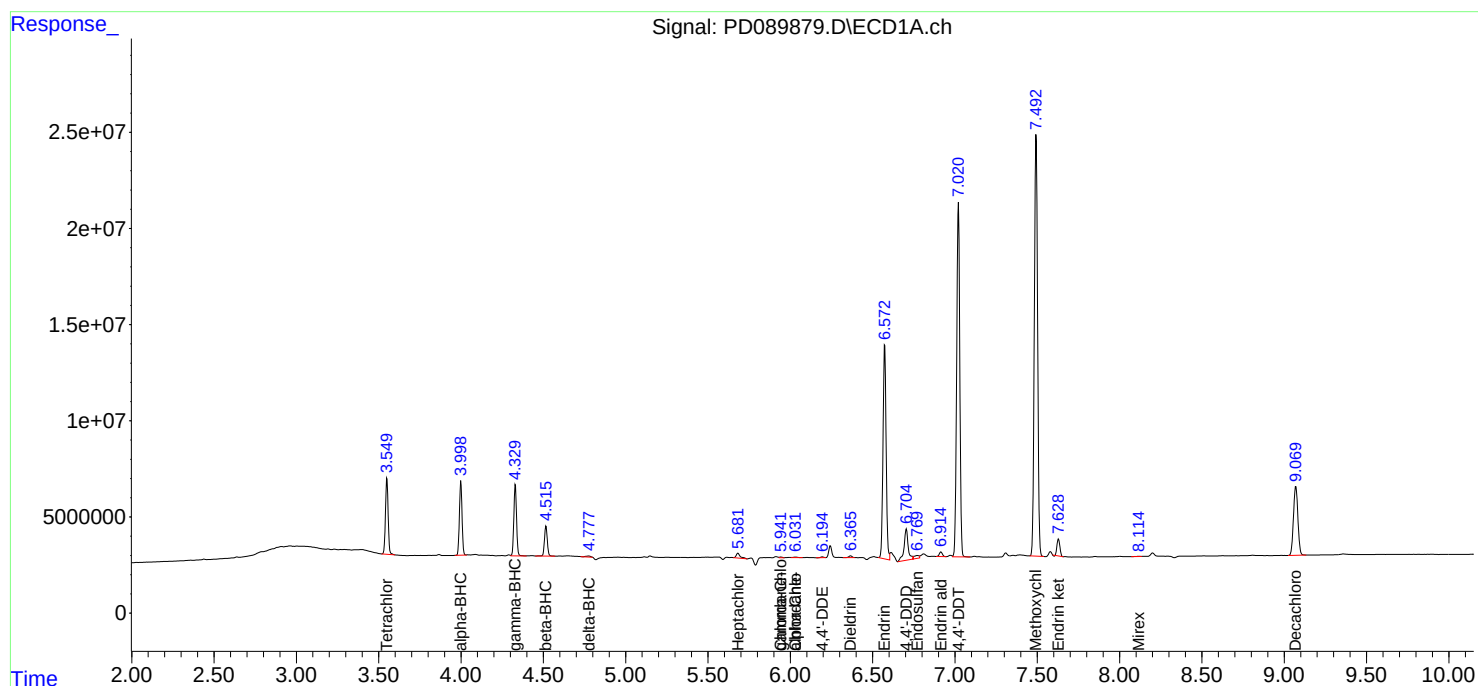
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

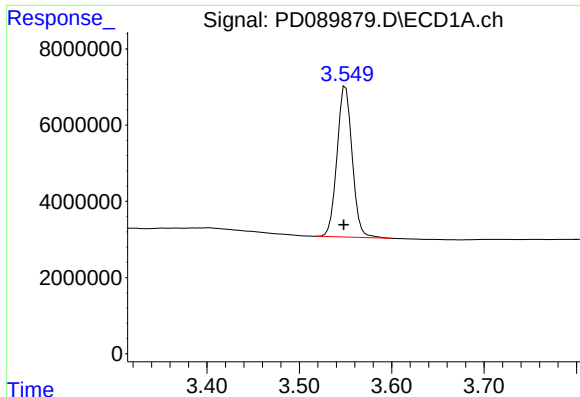
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081425\
Data File : PD089879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2025 10:13
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 13 23:49:24 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

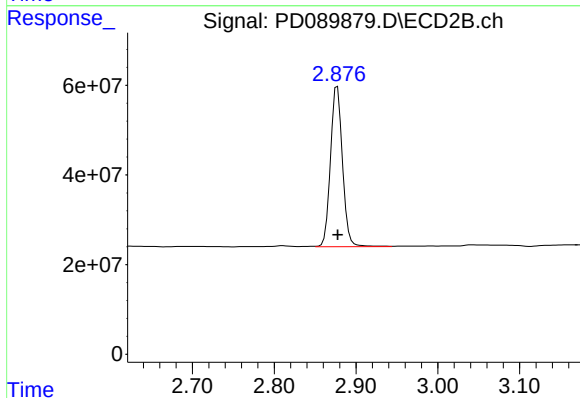




#1 Tetrachloro-m-xylene

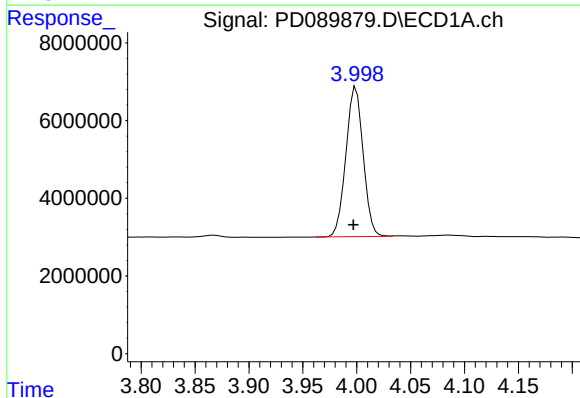
R.T.: 3.550 min
Delta R.T.: 0.002 min
Response: 45150768
Conc: 18.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



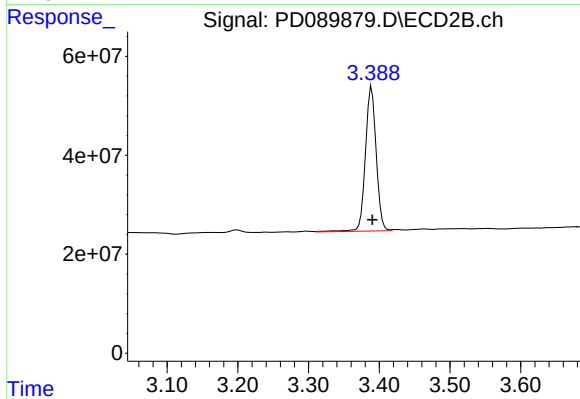
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 365818369
Conc: 23.10 ng/ml



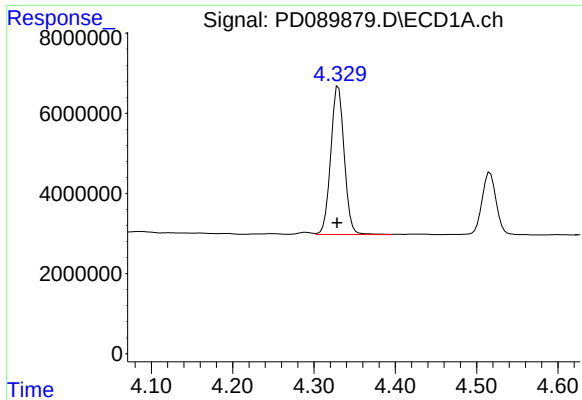
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 43042804
Conc: 8.69 ng/ml



#2 alpha-BHC

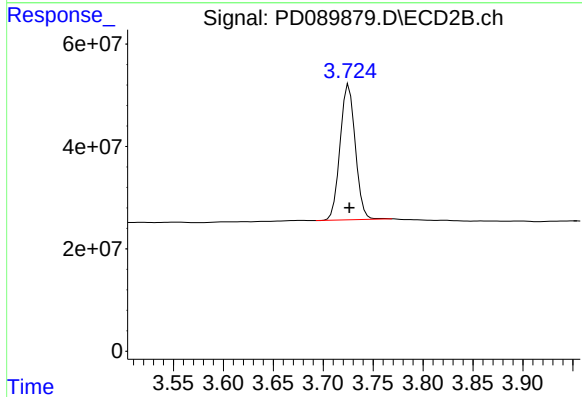
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 309043054
Conc: 12.72 ng/ml



#3 gamma-BHC (Lindane)

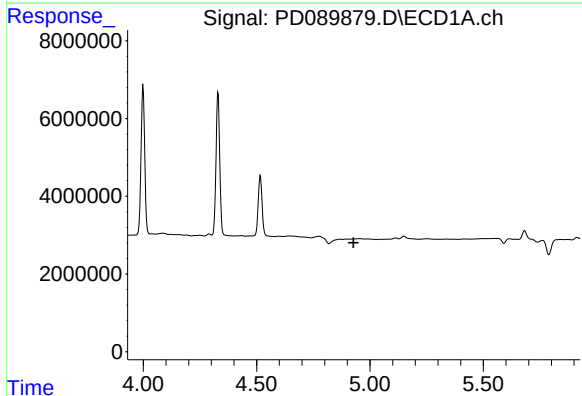
R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 42832979
Conc: 9.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



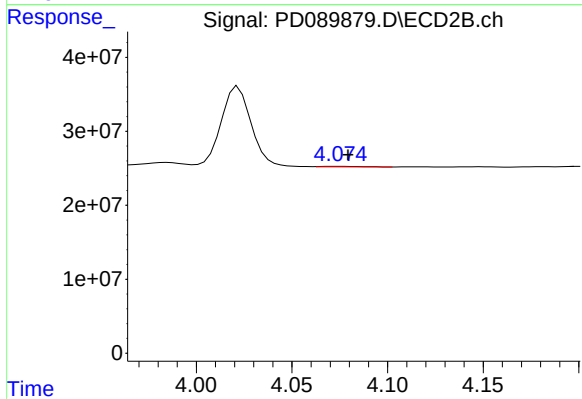
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 280871984
Conc: 12.47 ng/ml



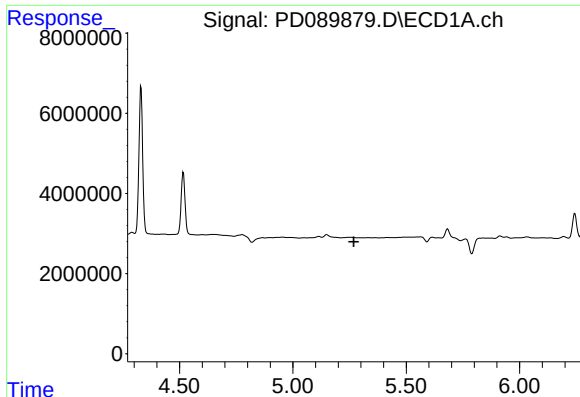
#4 Heptachlor

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



#4 Heptachlor

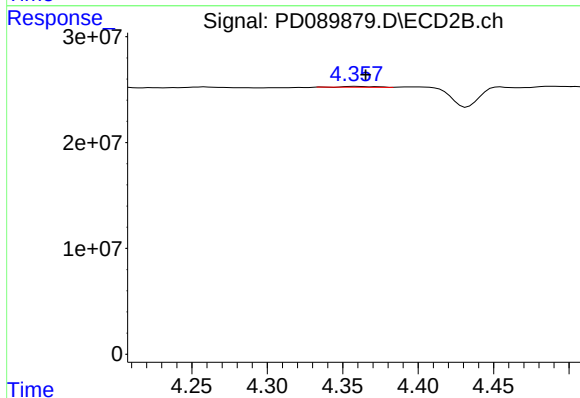
R.T.: 4.074 min
Delta R.T.: -0.005 min
Response: 1171996
Conc: 0.05 ng/ml



#5 Aldrin

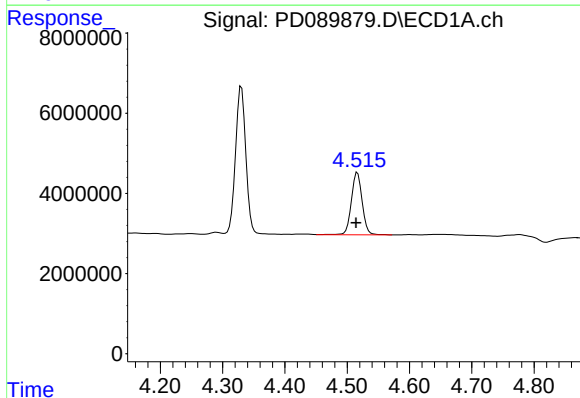
R.T.: 0.000 min
Exp R.T.: 5.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



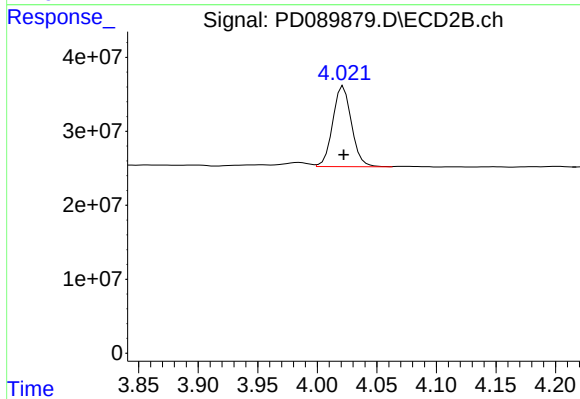
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.007 min
Response: 1229061
Conc: 0.06 ng/ml



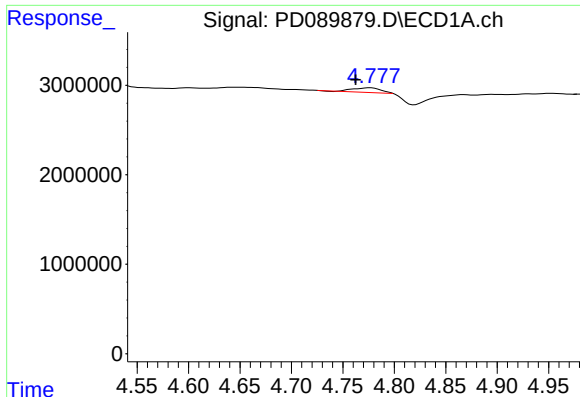
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.002 min
Response: 18864911
Conc: 10.23 ng/ml



#6 beta-BHC

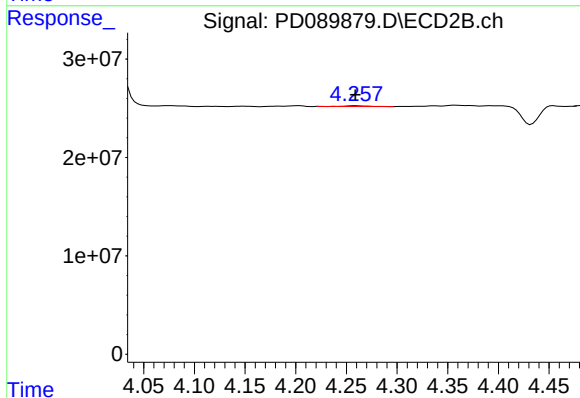
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 118959940
Conc: 12.33 ng/ml



#7 delta-BHC

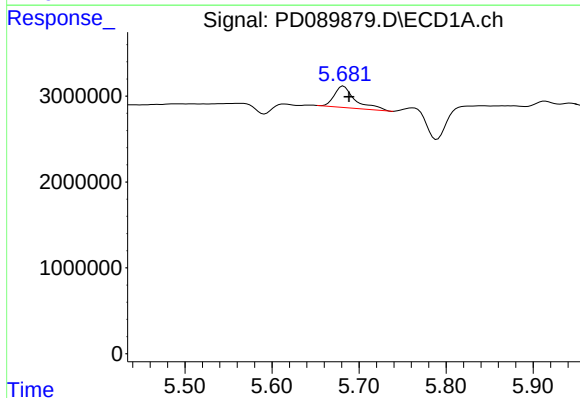
R.T.: 4.777 min
Delta R.T.: 0.014 min
Response: 950121
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



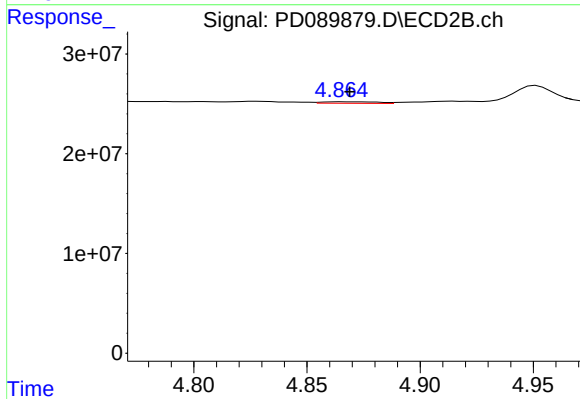
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1272266
Conc: 0.06 ng/ml



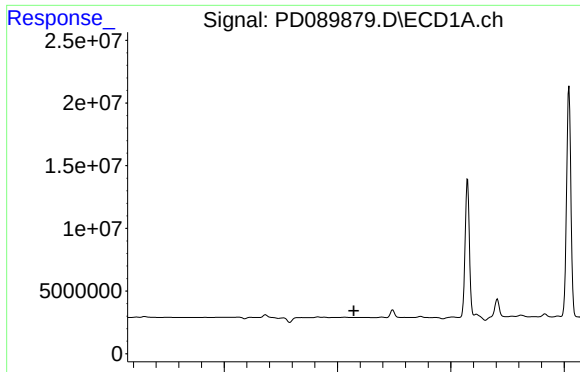
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.007 min
Response: 4267739
Conc: 1.02 ng/ml



#8 Heptachlor epoxide

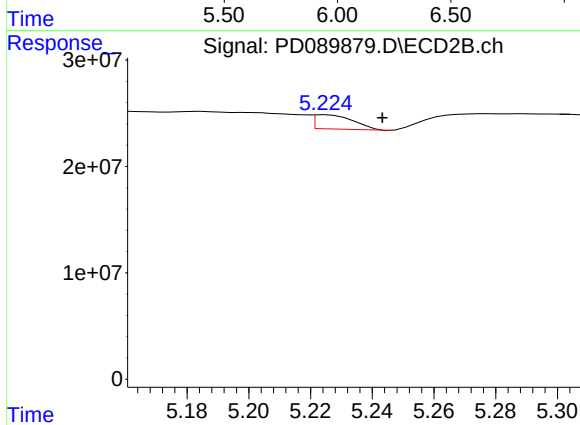
R.T.: 4.865 min
Delta R.T.: -0.004 min
Response: 2647005
Conc: 0.13 ng/ml



#9 Endosulfan I

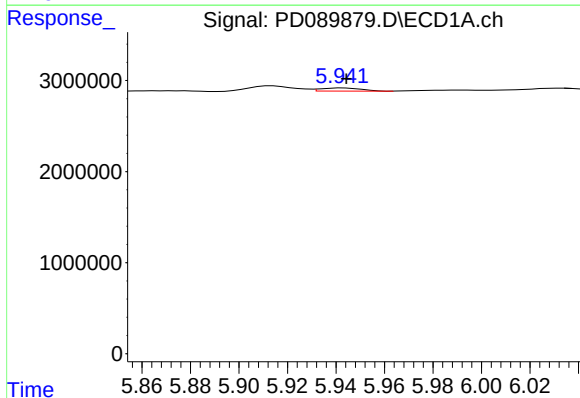
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



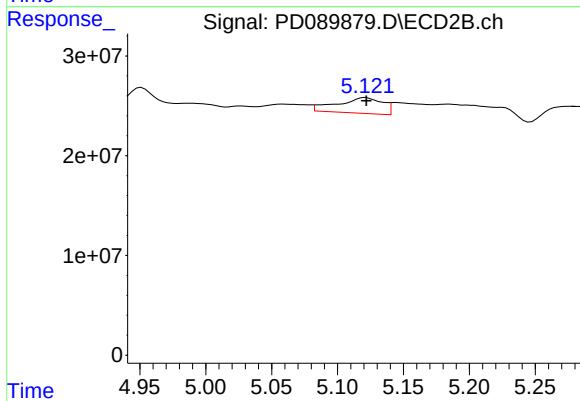
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.019 min
Response: 12050919
Conc: 0.62 ng/ml



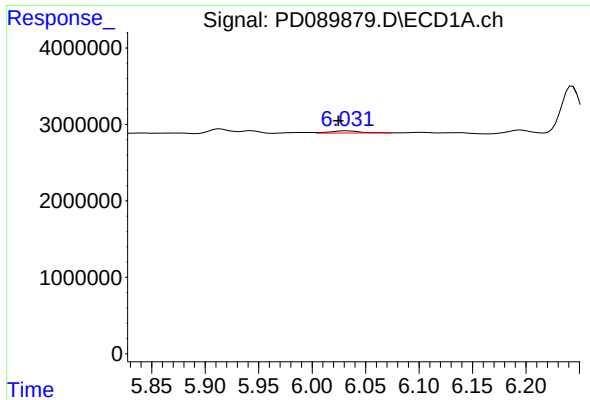
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 389490
Conc: 0.09 ng/ml



#10 gamma-Chlordane

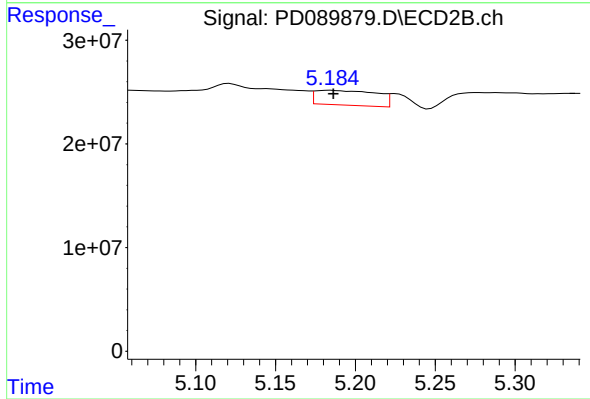
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 37571379
Conc: 1.74 ng/ml



#11 alpha-Chlordane

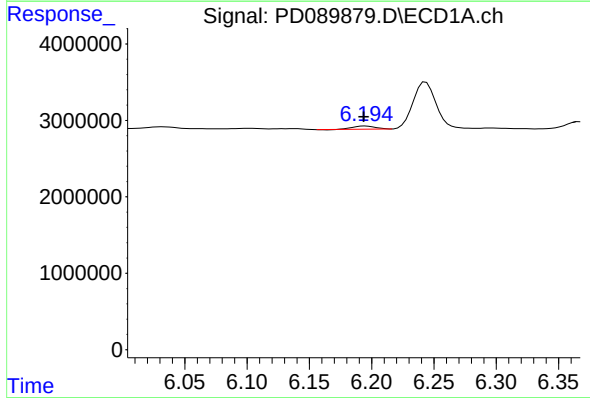
R.T.: 6.032 min
Delta R.T.: 0.008 min
Response: 528217
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



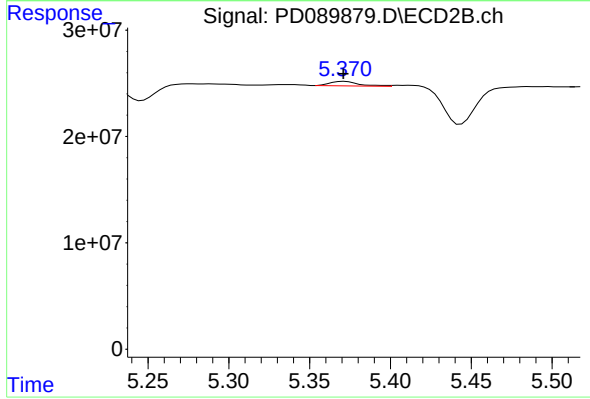
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 38170740
Conc: 1.83 ng/ml



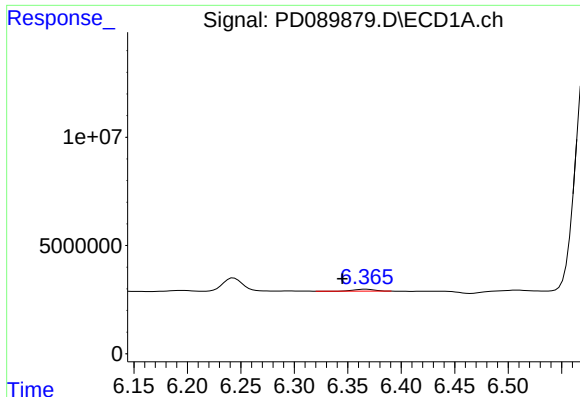
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 536876
Conc: 0.14 ng/ml



#12 4,4'-DDE

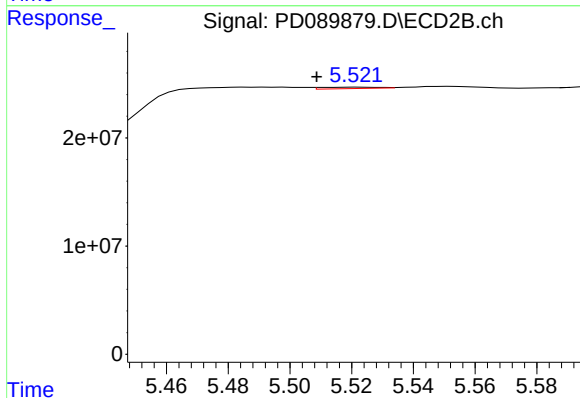
R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 5331313
Conc: 0.25 ng/ml



#13 Dieldrin

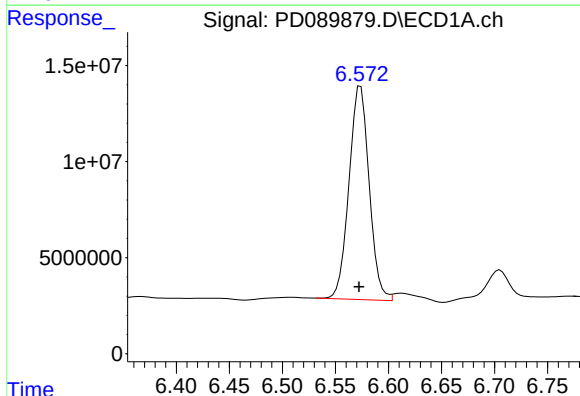
R.T.: 6.367 min
Delta R.T.: 0.022 min
Response: 1138937
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



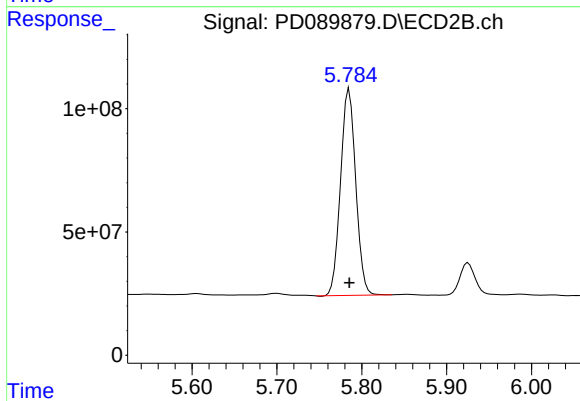
#13 Dieldrin

R.T.: 5.522 min
Delta R.T.: 0.013 min
Response: 1758951
Conc: 0.08 ng/ml



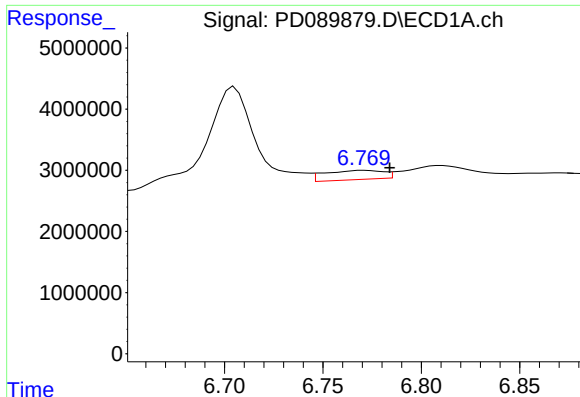
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 146917964
Conc: 41.06 ng/ml



#14 Endrin

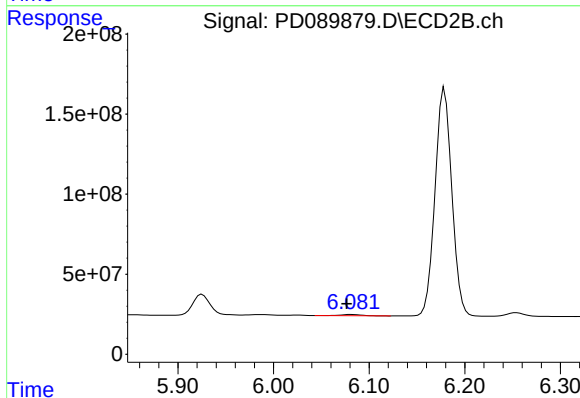
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1042749867
Conc: 52.33 ng/ml



#15 Endosulfan II

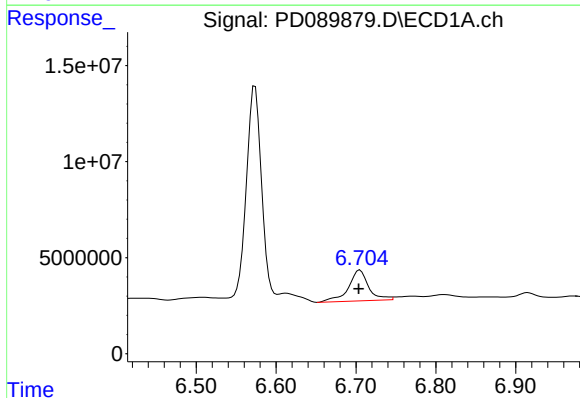
R.T.: 6.771 min
Delta R.T.: -0.013 min
Response: 3089587
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



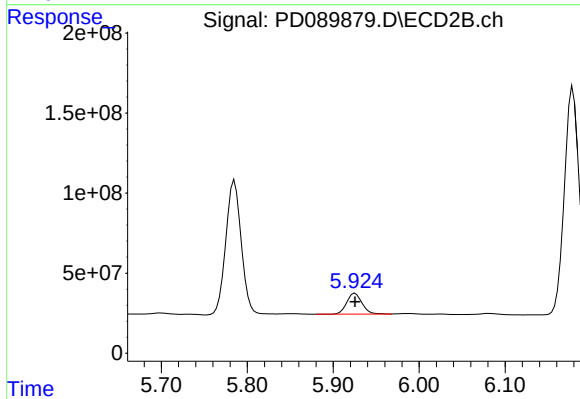
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: 0.005 min
Response: 12246734
Conc: 0.65 ng/ml



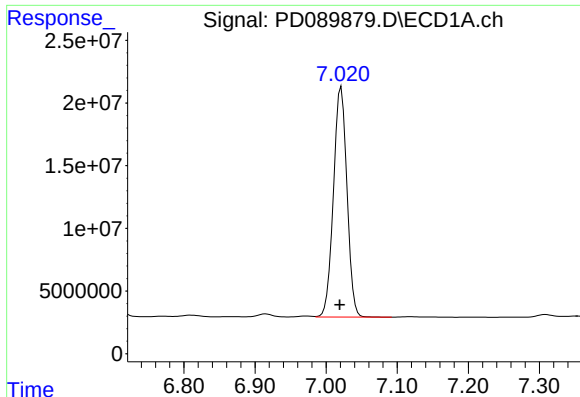
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.002 min
Response: 28093201
Conc: 9.38 ng/ml



#16 4,4'-DDD

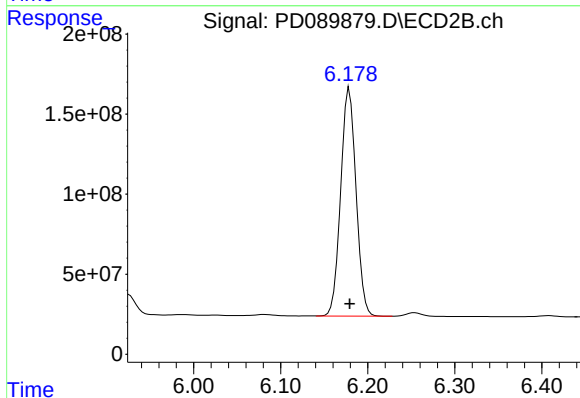
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 161515314
Conc: 9.16 ng/ml



#17 4,4'-DDT

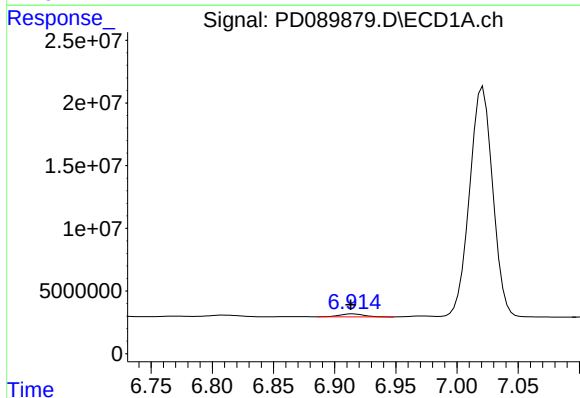
R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 242312028
Conc: 72.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



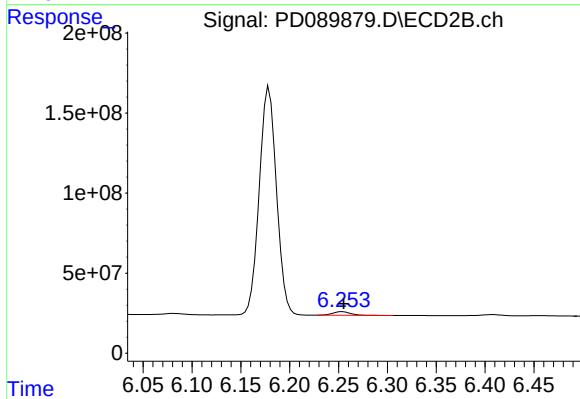
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 1746596729
Conc: 95.06 ng/ml



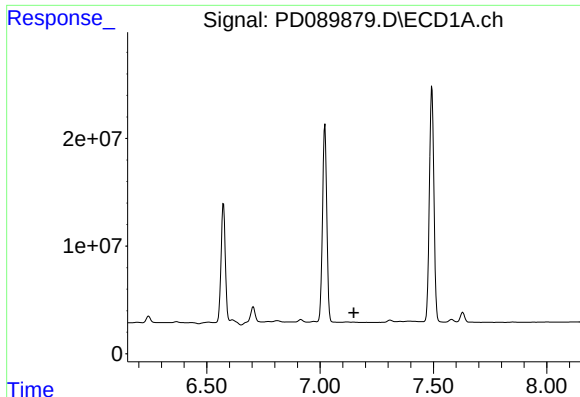
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.002 min
Response: 3167379
Conc: 1.27 ng/ml



#18 Endrin aldehyde

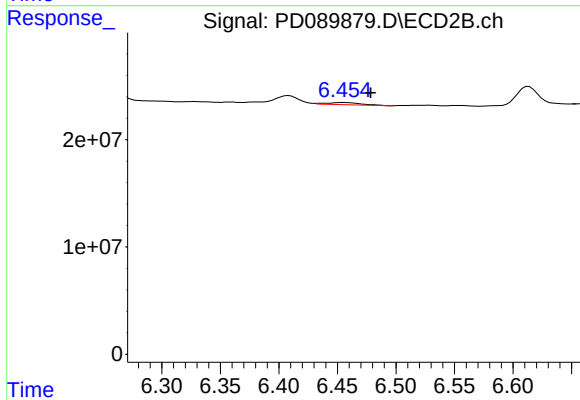
R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 27839005
Conc: 2.15 ng/ml



#19 Endosulfan Sulfate

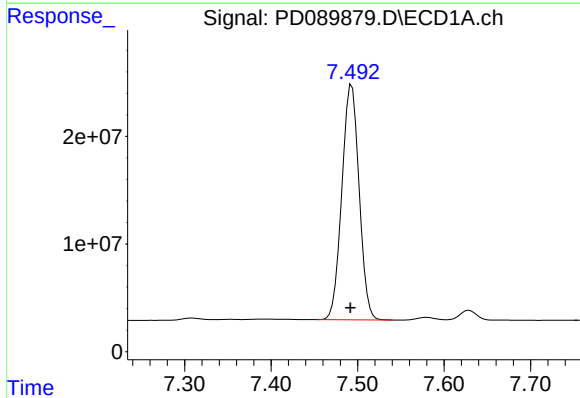
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



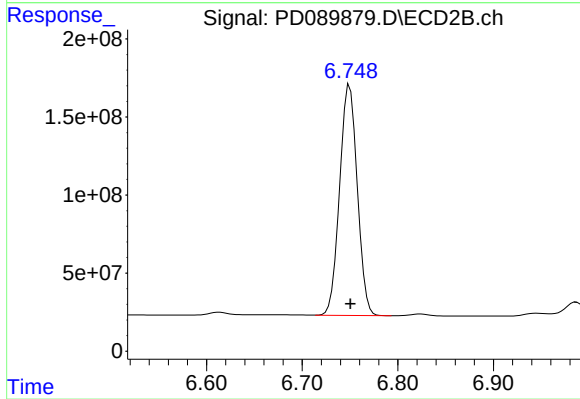
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.023 min
Response: 3935652
Conc: 0.21 ng/ml



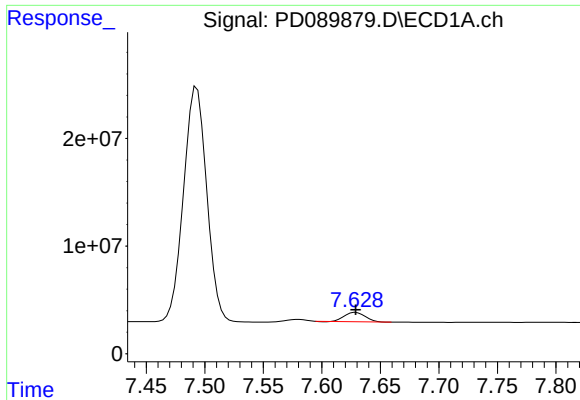
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.001 min
Response: 301283370
Conc: 168.51 ng/ml



#20 Methoxychlor

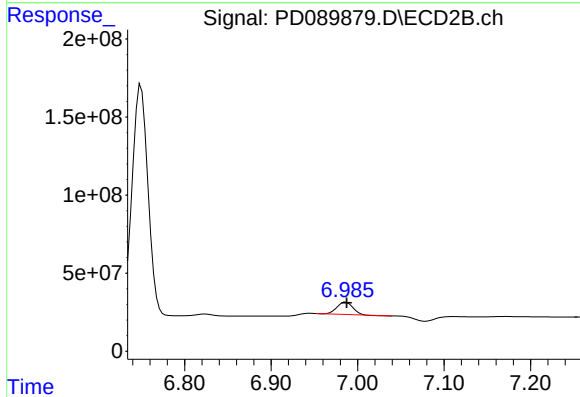
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 1900278021
Conc: 193.99 ng/ml



#21 Endrin ketone

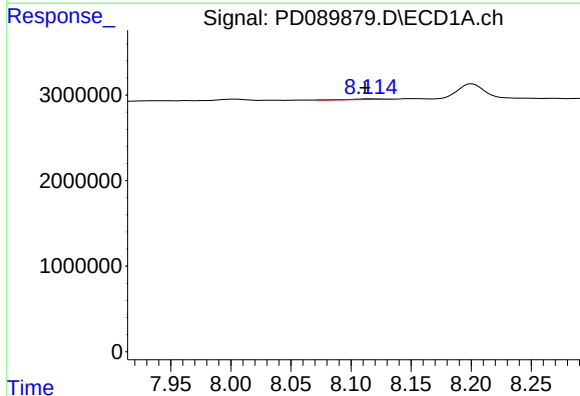
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 10624133
Conc: 2.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



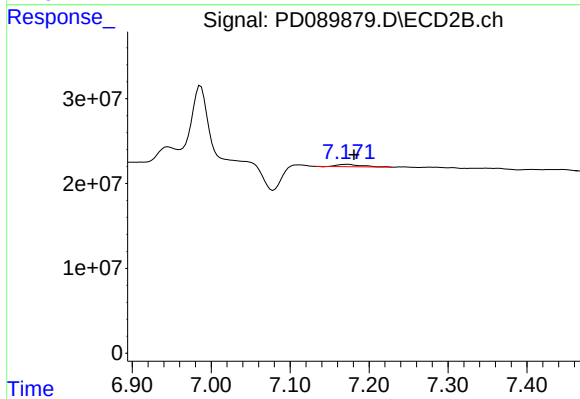
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.001 min
Response: 96986861
Conc: 4.83 ng/ml



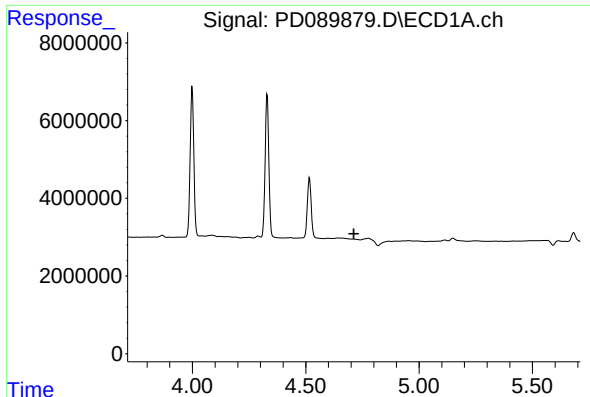
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.005 min
Response: 118628
Conc: 0.04 ng/ml



#22 Mirex

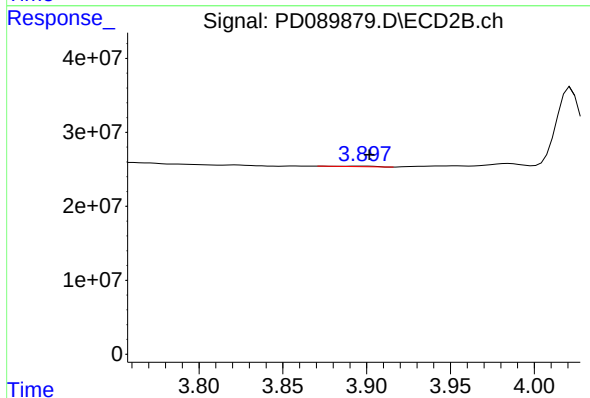
R.T.: 7.172 min
Delta R.T.: -0.009 min
Response: 5731599
Conc: 0.38 ng/ml



#23 Chlordane-1

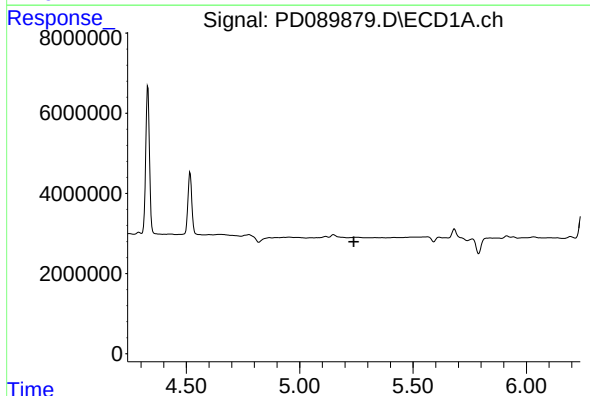
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



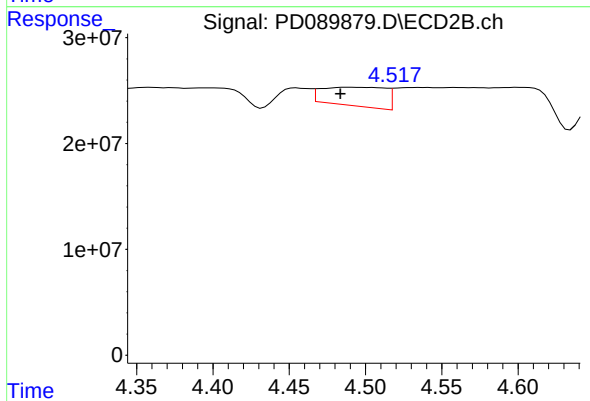
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.004 min
Response: 891488
Conc: 1.22 ng/ml



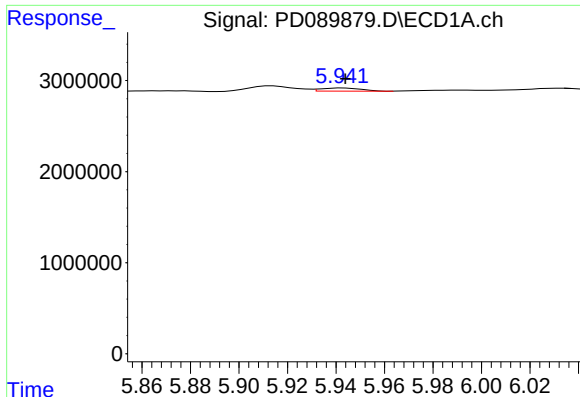
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

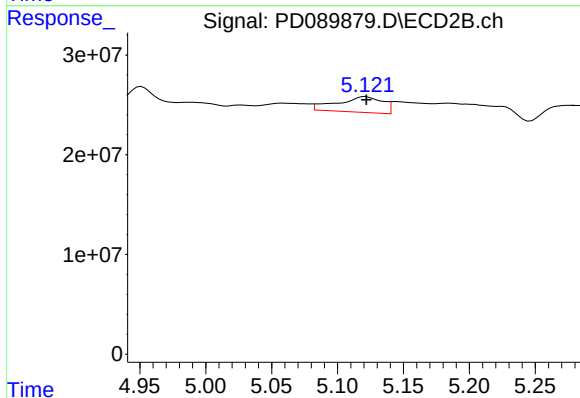
R.T.: 4.488 min
Delta R.T.: 0.005 min
Response: 51042790
Conc: 66.78 ng/ml



#25 Chlordane-3

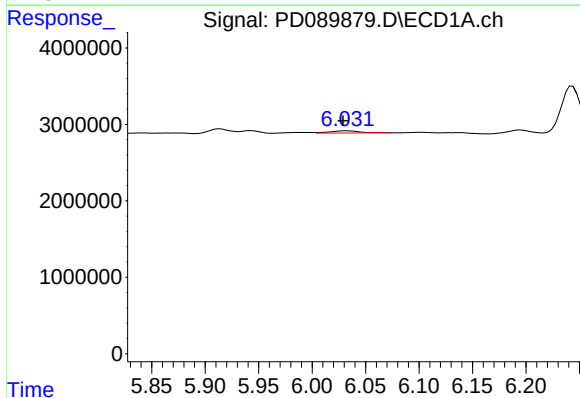
R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 389490
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



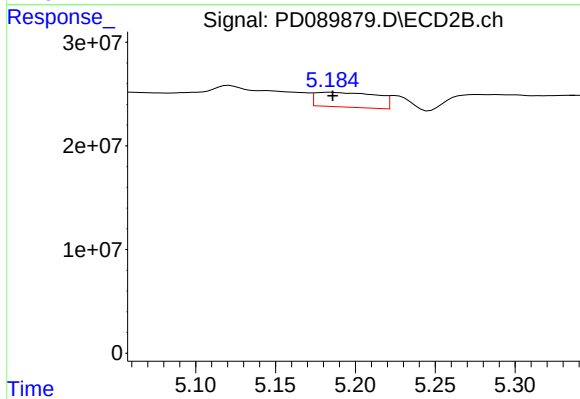
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 37571379
Conc: 16.23 ng/ml



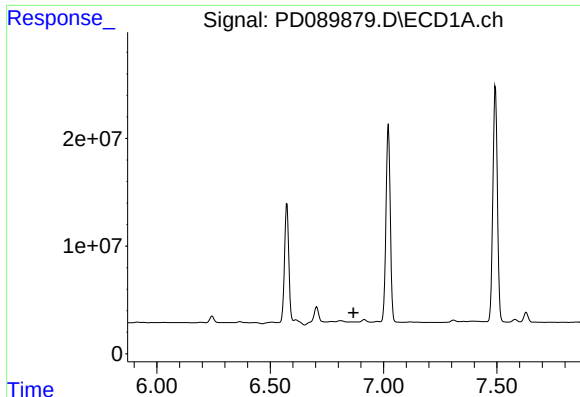
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 528217
Conc: 0.63 ng/ml



#26 Chlordane-4

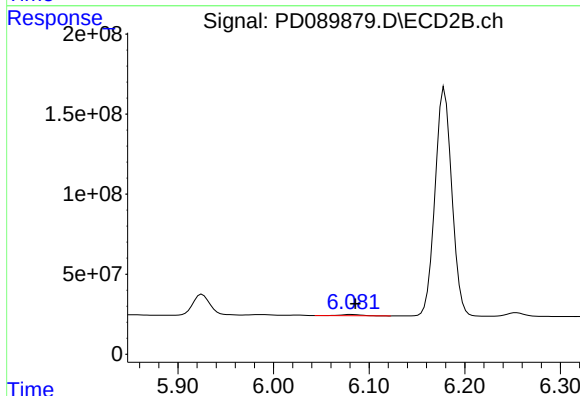
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 38170740
Conc: 19.19 ng/ml



#27 Chlordane-5

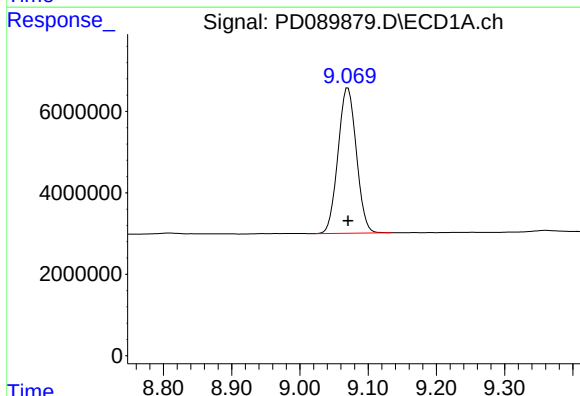
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



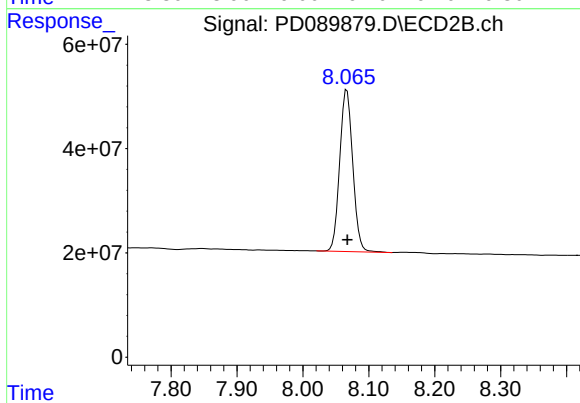
#27 Chlordane-5

R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 12246734
Conc: 13.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 66602481
Conc: 17.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 426741042
Conc: 21.25 ng/ml