

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088657.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 16:44
 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: May 21 03:34:36 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...	3.552	2.882	47800836	344.4E6	22.092	22.769
2)	SA Decachlor...	9.077	8.074	74539055	363.6E6	21.780	19.916
Target Compounds							
2)	A alpha-BHC	4.001	3.394	47783473	280.4E6	10.004	11.732
3)	MA gamma-BHC...	4.332	3.731	47270010	260.0E6	10.270	11.731
4)	MA Heptachlor	4.956f	4.083	801118	1409877	0.179	0.063 #
5)	MB Aldrin	5.256f	4.365	248861	10540391	0.057	0.481 #
6)	B beta-BHC	4.517	4.027	19992129	113.8E6	11.087	11.683
7)	B delta-BHC	4.780	4.264	2182829	1669465	0.517	0.075 #
8)	B Heptachlo...	5.683	4.874	2468146	1436334	0.622	0.072 #
9)	A Endosulfan I	6.102f	0.000	112408	0	0.030	N.D. #
10)	B gamma-Chl...	5.949	5.129	537693	64816005	0.135	3.038 #
11)	B alpha-Chl...	6.036	5.191	642860	46843937	0.160	2.271 #
12)	B 4,4'-DDE	6.199	5.380	272462	16875378	0.076	0.807 #
13)	MA Dieldrin	6.369f	5.523	1350176	331002	0.337	0.016 #
14)	MA Endrin	6.577	5.792	182.5E6	986.0E6	53.440	51.131
15)	B Endosulfa...	6.772f	6.088	1109298	3021723	0.322	0.165 #
16)	A 4,4'-DDD	6.707	5.932	21804302	128.3E6	7.829	7.377
17)	MA 4,4'-DDT	7.023	6.185	275.7E6	1514.5E6	88.317	83.502
18)	B Endrin al...	6.921	6.259	733788	9485279	0.285	0.681 #
19)	B Endosulfa...	7.120f	6.488	138994	391551	0.043	0.022 #
20)	A Methoxychlor	7.496	6.756	350.3E6	1722.4E6	209.711	179.887
21)	B Endrin ke...	7.633	6.993	4123185	33179344	1.204	1.715 #
22)	Mirex	8.119	7.182	76825	4035165	0.030	0.265 #
23)	Chlordane-1	0.000	3.901	0	1038885	N.D.	1.257 #
24)	Chlordane-2	5.256	4.492	248861	31336414	1.356	37.128 #
25)	Chlordane-3	5.949	5.129	537693	64816005	0.727	24.581 #
26)	Chlordane-4	6.036	5.191	642860	46843937	0.717	21.172 #
27)	Chlordane-5	6.872	6.088	186928	3021723	1.229	3.019 #

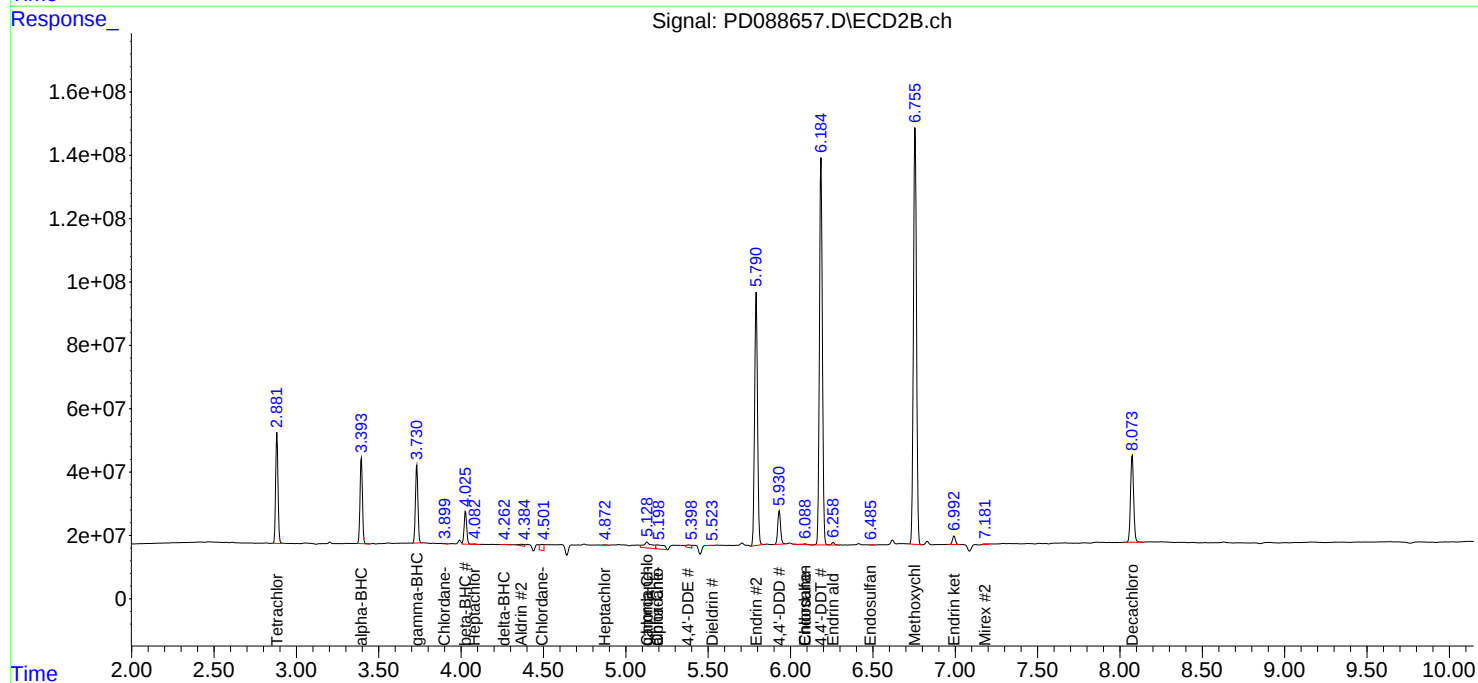
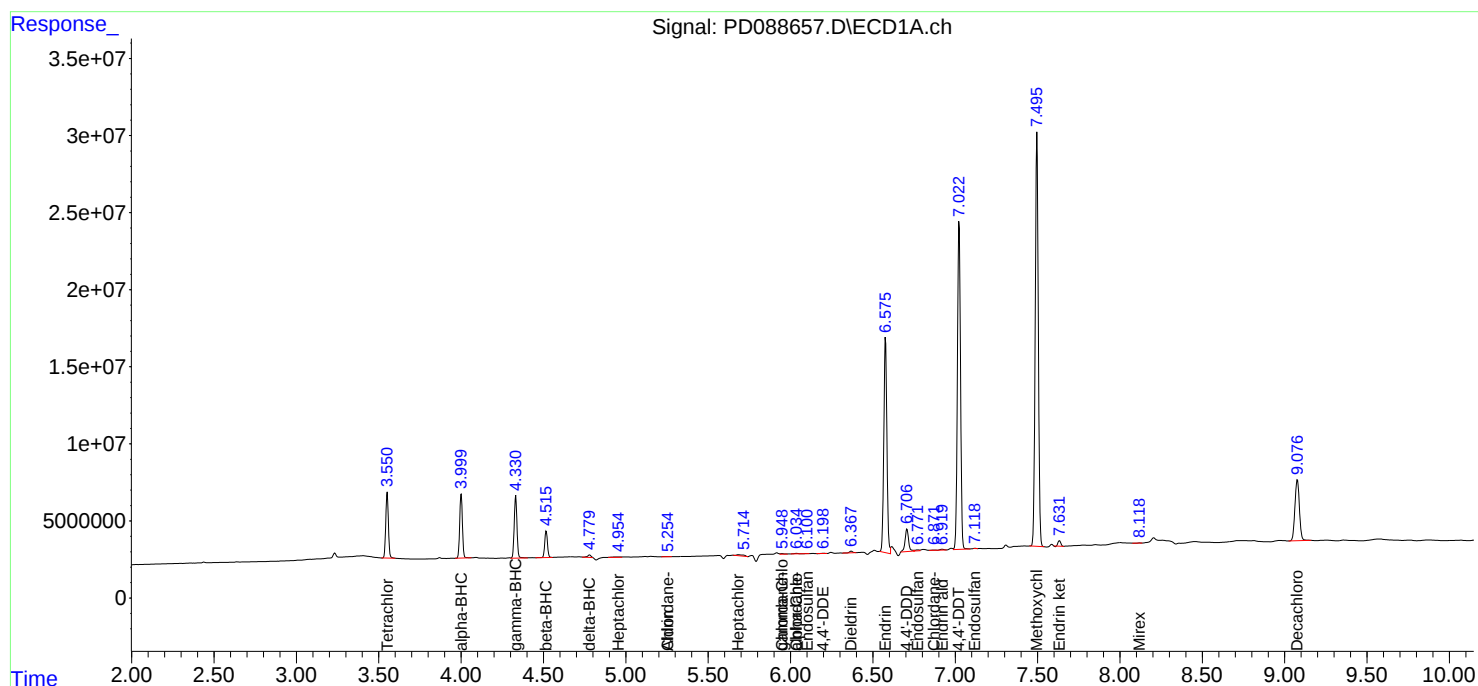
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

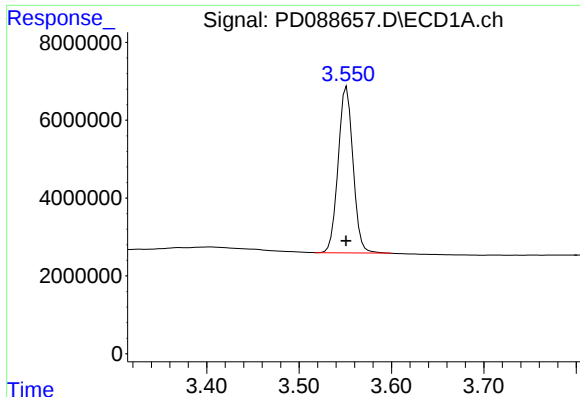
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088657.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 16:44
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:34:36 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

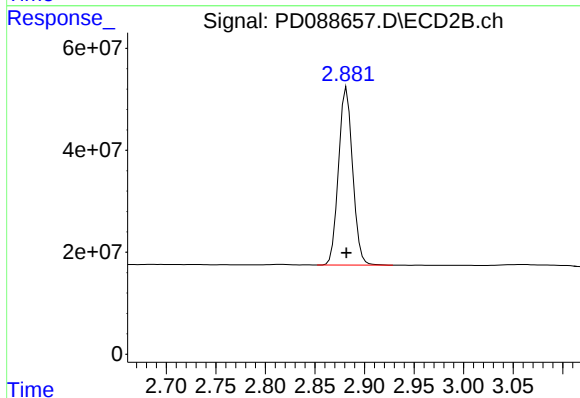




#1 Tetrachloro-m-xylene

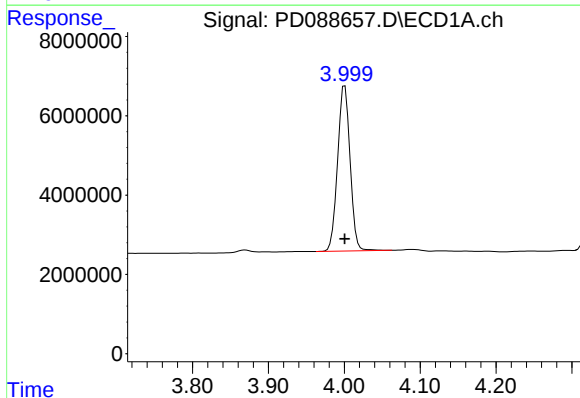
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 47800836
Conc: 22.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



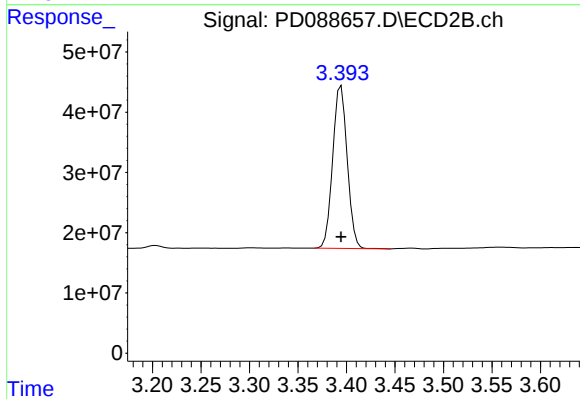
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 344425034
Conc: 22.77 ng/ml



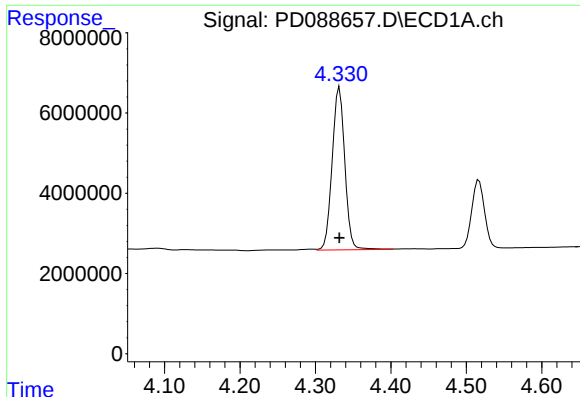
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 47783473
Conc: 10.00 ng/ml



#2 alpha-BHC

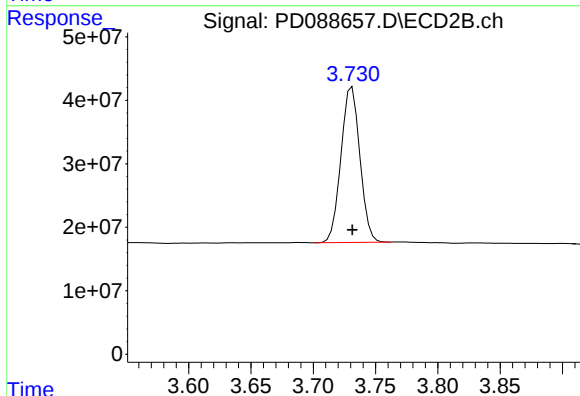
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 280428792
Conc: 11.73 ng/ml



#3 gamma-BHC (Lindane)

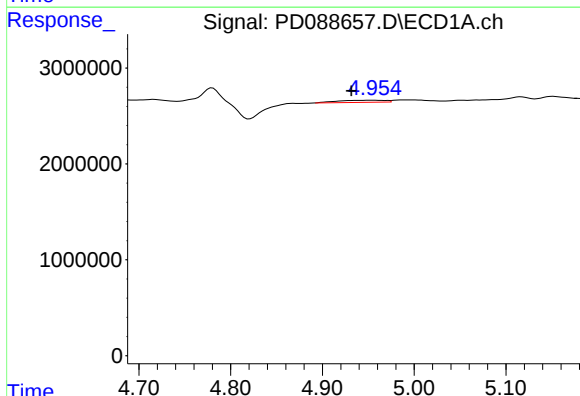
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 47270010
Conc: 10.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



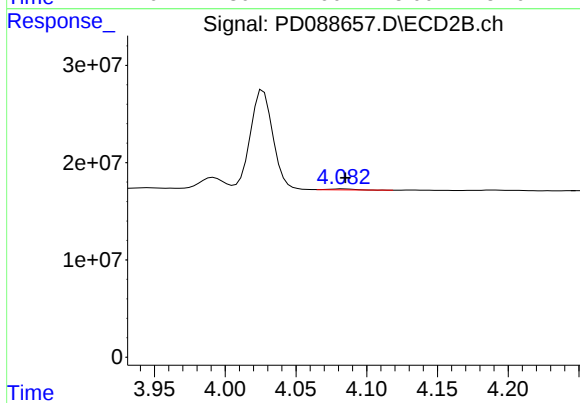
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 260016319
Conc: 11.73 ng/ml



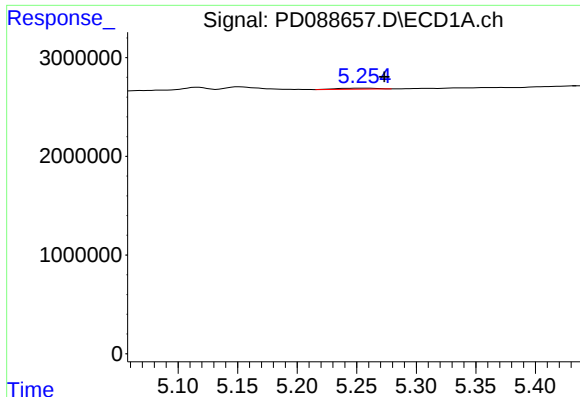
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.024 min
Response: 801118
Conc: 0.18 ng/ml



#4 Heptachlor

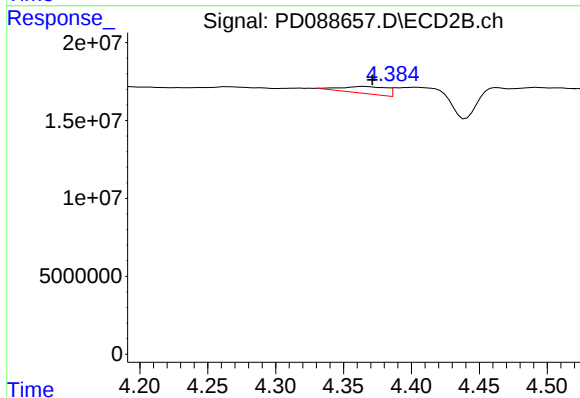
R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 1409877
Conc: 0.06 ng/ml



#5 Aldrin

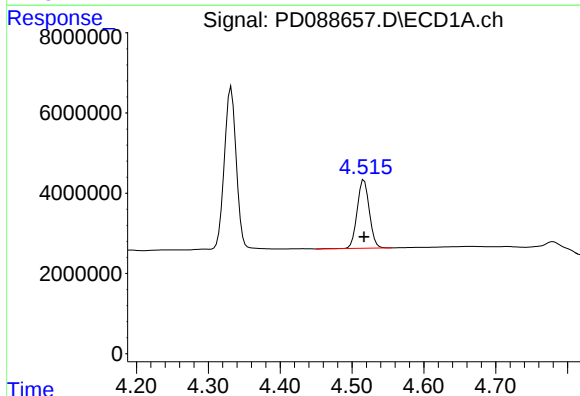
R.T.: 5.256 min
Delta R.T.: -0.017 min
Response: 248861
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



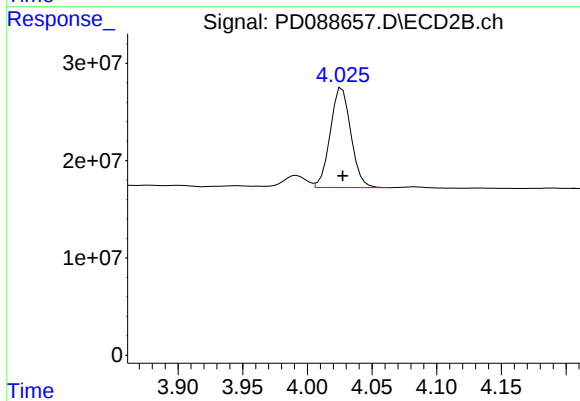
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 10540391
Conc: 0.48 ng/ml



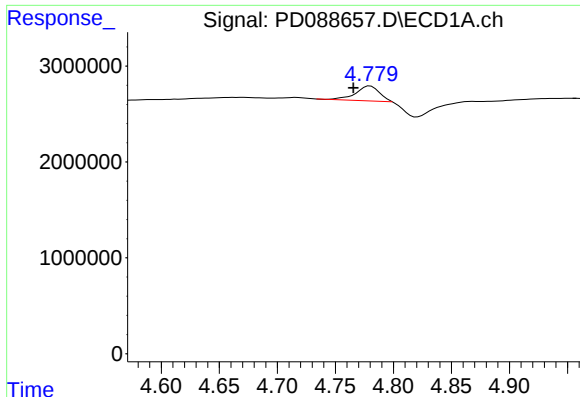
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 19992129
Conc: 11.09 ng/ml



#6 beta-BHC

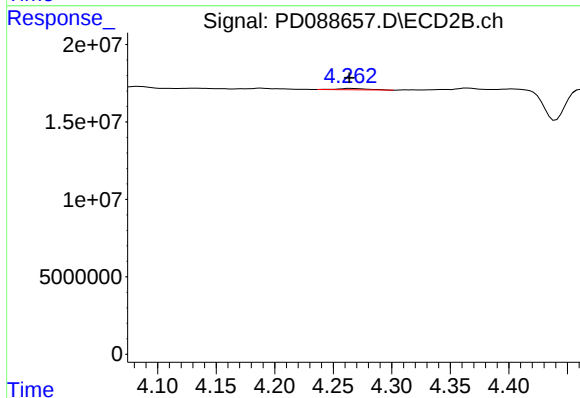
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 113811165
Conc: 11.68 ng/ml



#7 delta-BHC

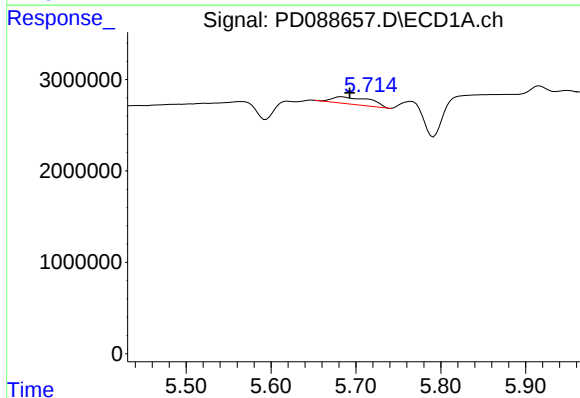
R.T.: 4.780 min
Delta R.T.: 0.014 min
Response: 2182829
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



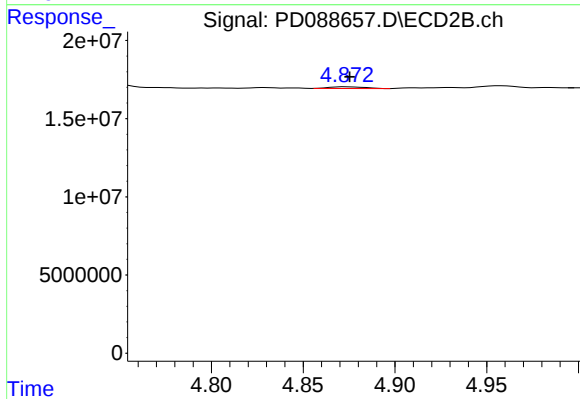
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1669465
Conc: 0.07 ng/ml



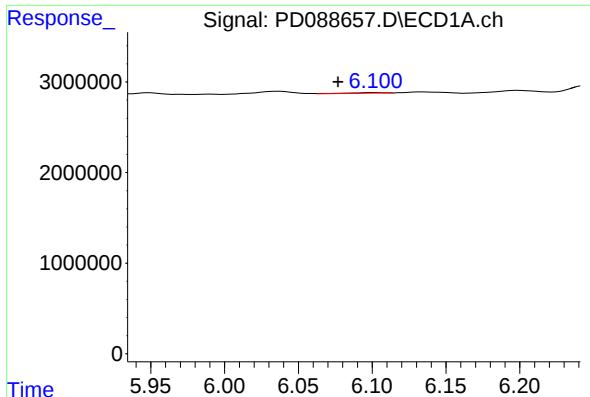
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 2468146
Conc: 0.62 ng/ml



#8 Heptachlor epoxide

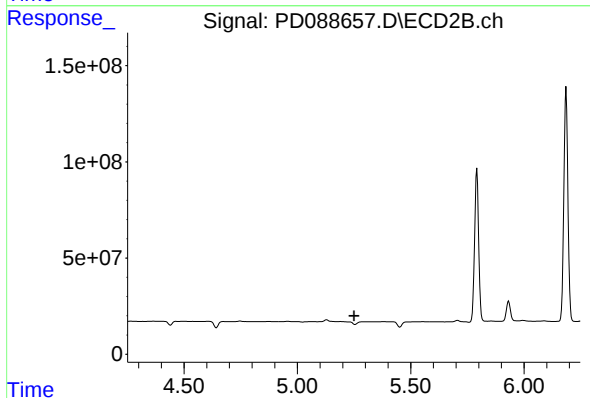
R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 1436334
Conc: 0.07 ng/ml



#9 Endosulfan I

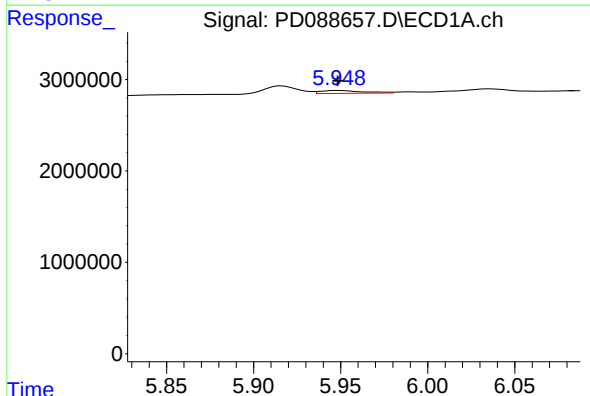
R.T.: 6.102 min
Delta R.T.: 0.025 min
Response: 112408
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



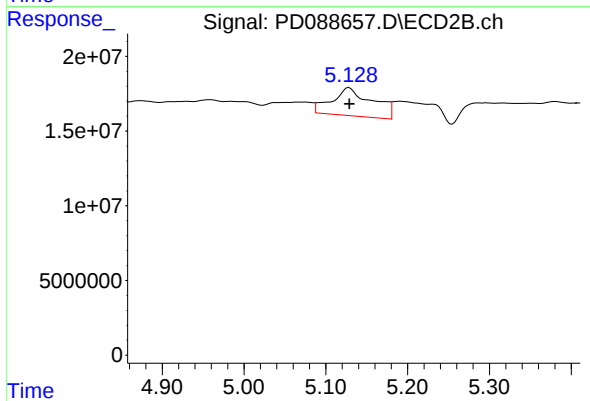
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.250 min
Response: 0
Conc: N.D.



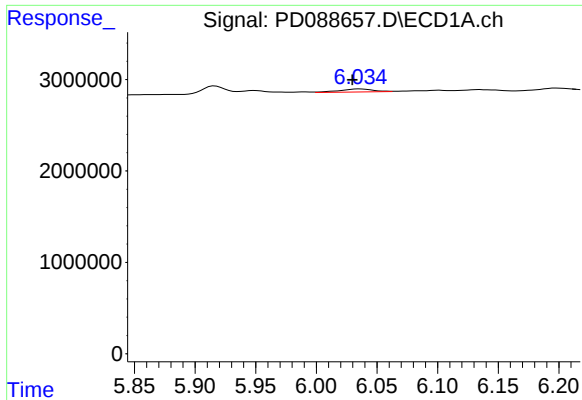
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 537693
Conc: 0.13 ng/ml



#10 gamma-Chlordane

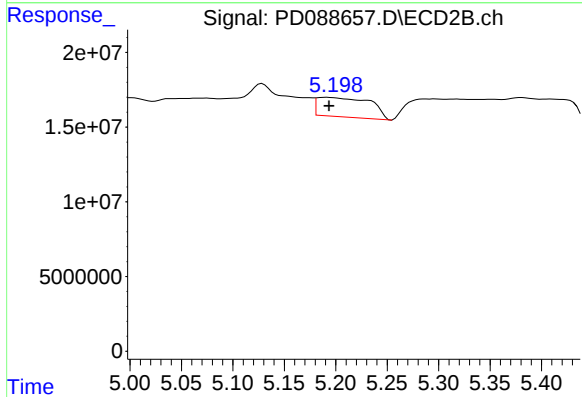
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 64816005
Conc: 3.04 ng/ml



#11 alpha-Chlordane

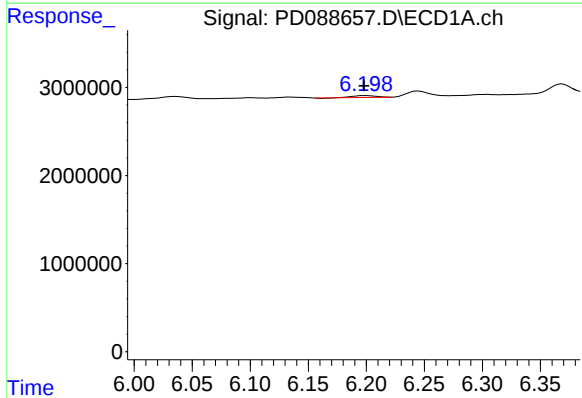
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 642860
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



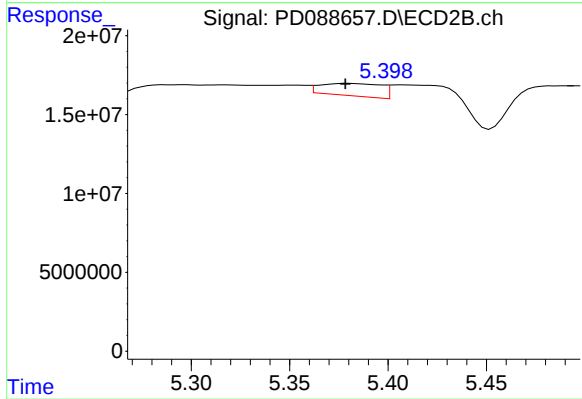
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 46843937
Conc: 2.27 ng/ml



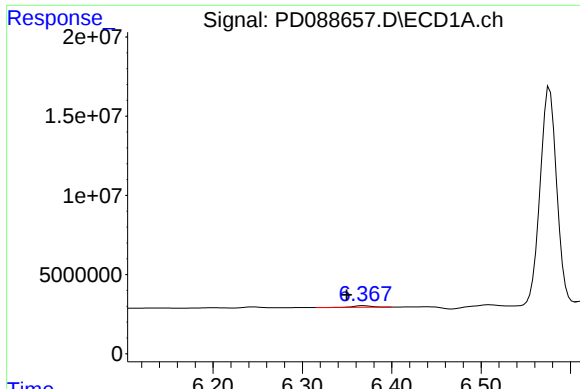
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 272462
Conc: 0.08 ng/ml



#12 4,4'-DDE

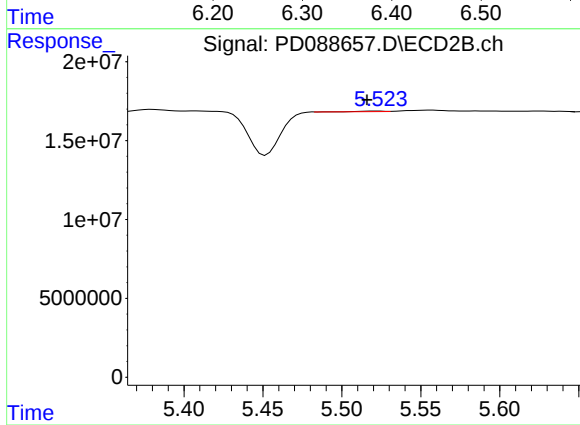
R.T.: 5.380 min
Delta R.T.: 0.002 min
Response: 16875378
Conc: 0.81 ng/ml



#13 Dieldrin

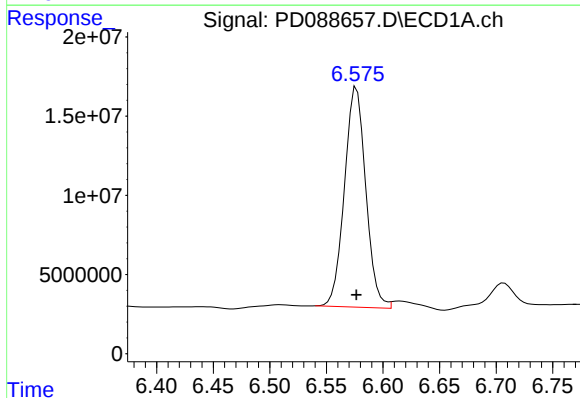
R.T.: 6.369 min
Delta R.T.: 0.019 min
Response: 1350176
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



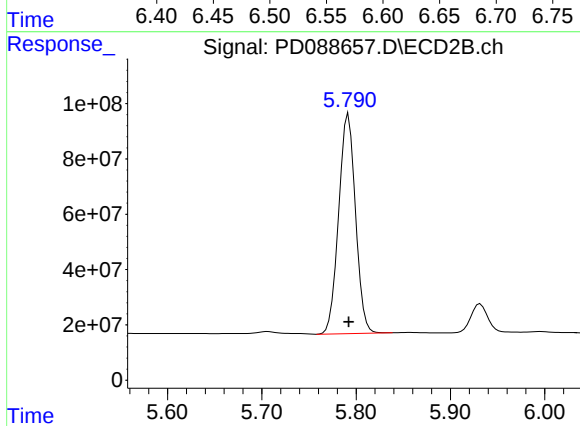
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: 0.007 min
Response: 331002
Conc: 0.02 ng/ml



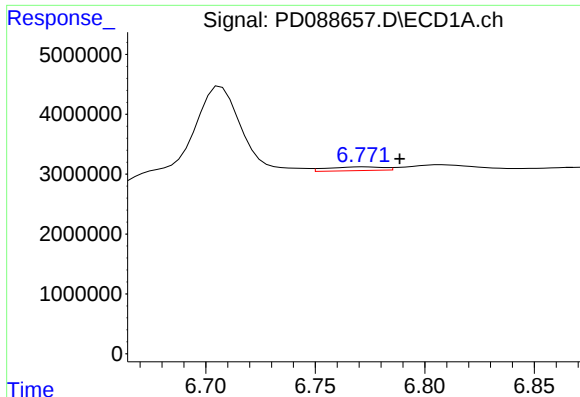
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 182506057
Conc: 53.44 ng/ml



#14 Endrin

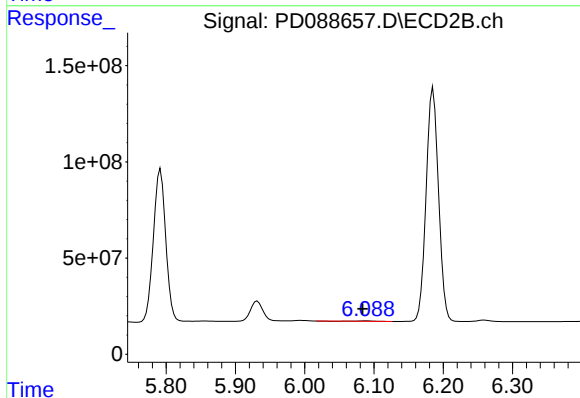
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 986017608
Conc: 51.13 ng/ml



#15 Endosulfan II

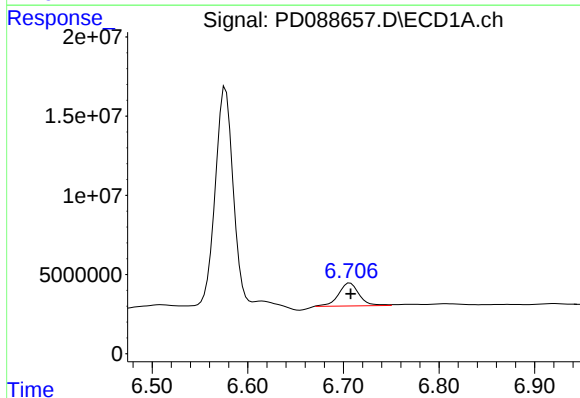
R.T.: 6.772 min
Delta R.T.: -0.017 min
Response: 1109298
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



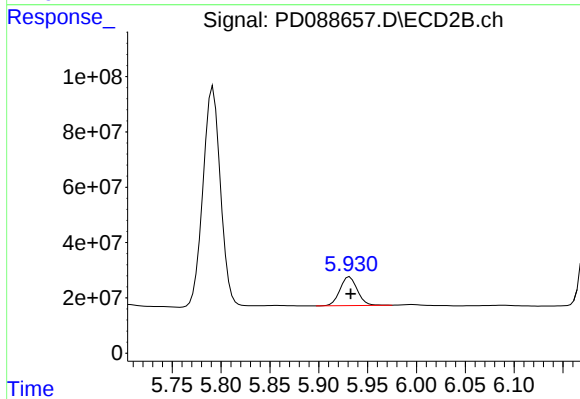
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.005 min
Response: 3021723
Conc: 0.16 ng/ml



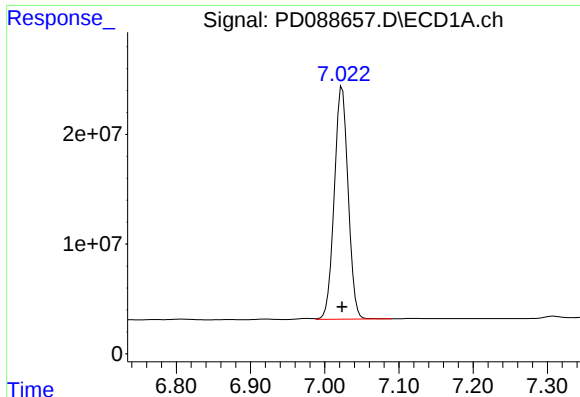
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 21804302
Conc: 7.83 ng/ml



#16 4,4'-DDD

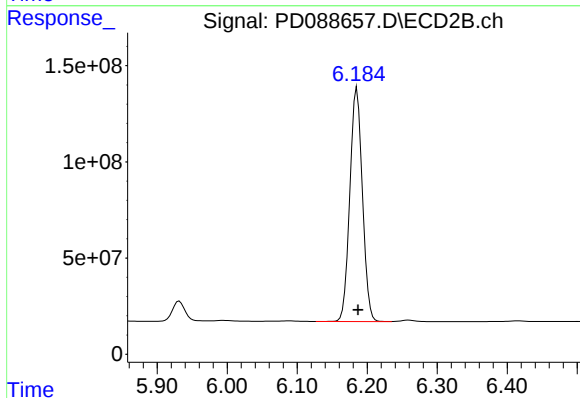
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 128308596
Conc: 7.38 ng/ml



#17 4,4'-DDT

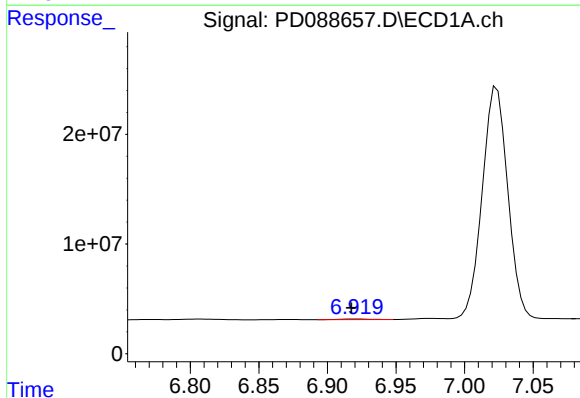
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 275730275
Conc: 88.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



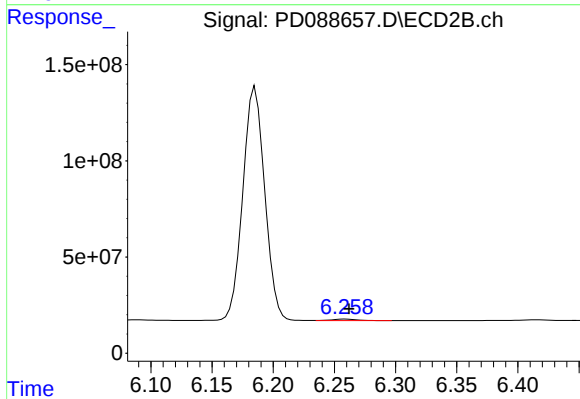
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 1514509849
Conc: 83.50 ng/ml



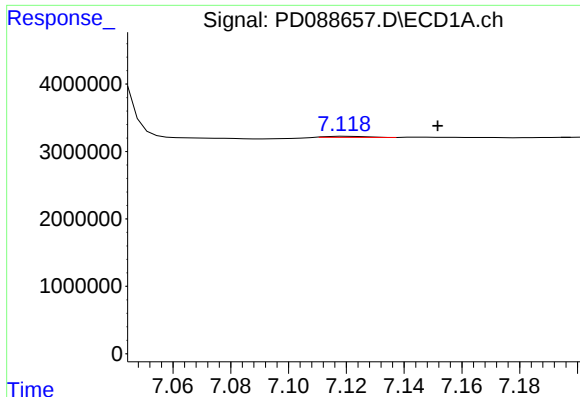
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.003 min
Response: 733788
Conc: 0.29 ng/ml



#18 Endrin aldehyde

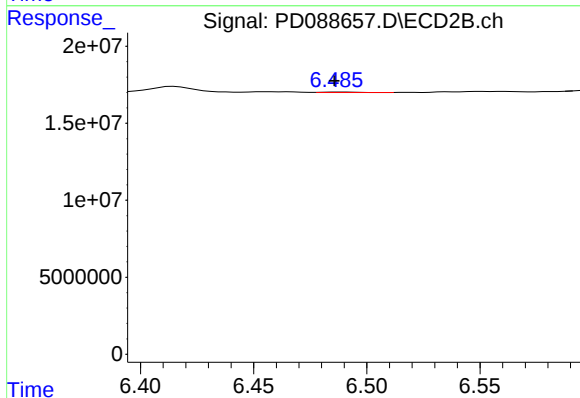
R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 9485279
Conc: 0.68 ng/ml



#19 Endosulfan Sulfate

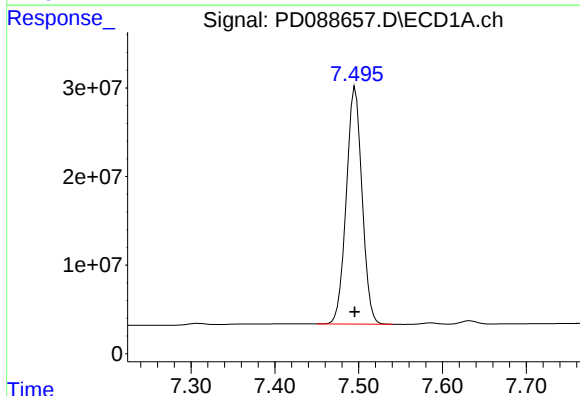
R.T.: 7.120 min
Delta R.T.: -0.032 min
Response: 138994
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



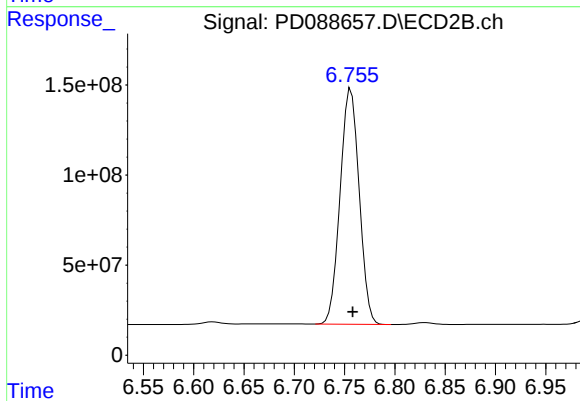
#19 Endosulfan Sulfate

R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 391551
Conc: 0.02 ng/ml



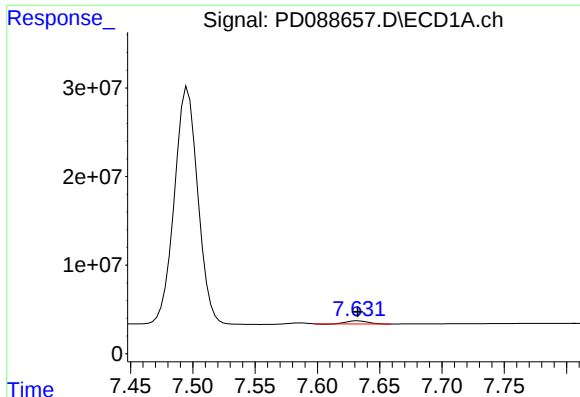
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 350332886
Conc: 209.71 ng/ml



#20 Methoxychlor

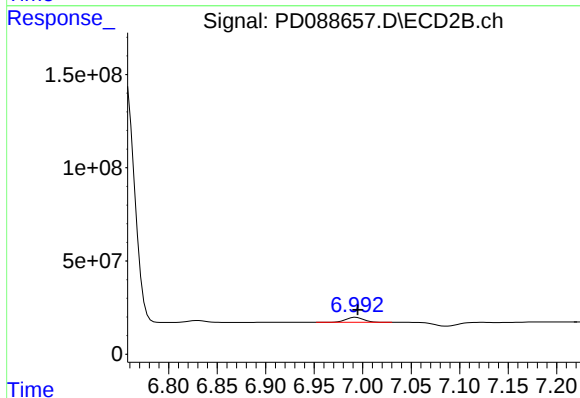
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1722382264
Conc: 179.89 ng/ml



#21 Endrin ketone

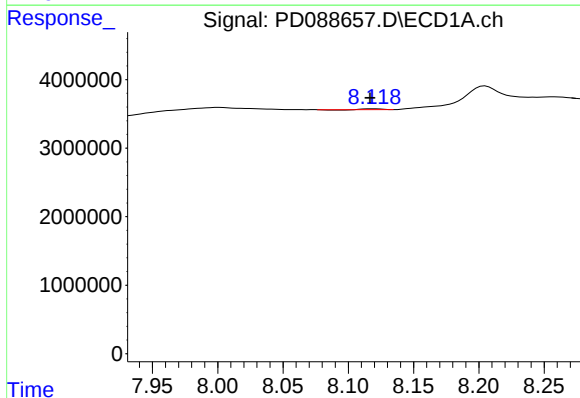
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 4123185
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



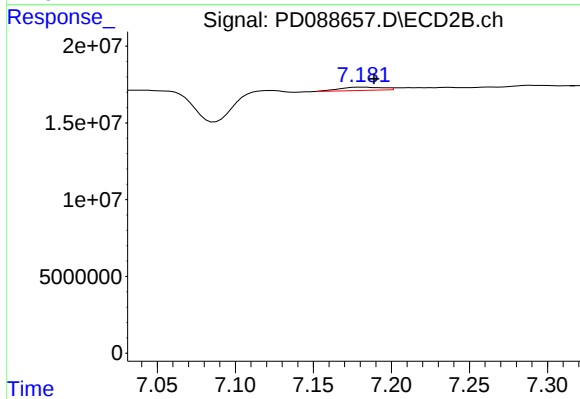
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 33179344
Conc: 1.71 ng/ml



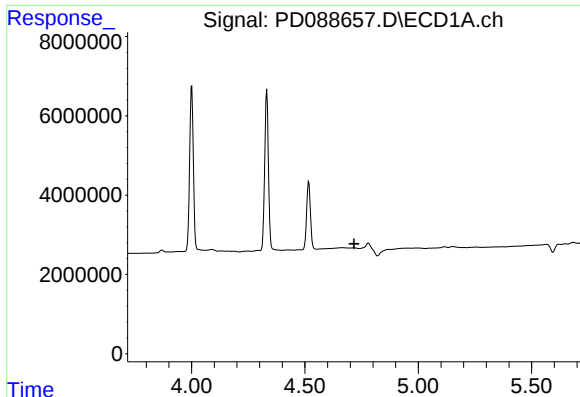
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 76825
Conc: 0.03 ng/ml



#22 Mirex

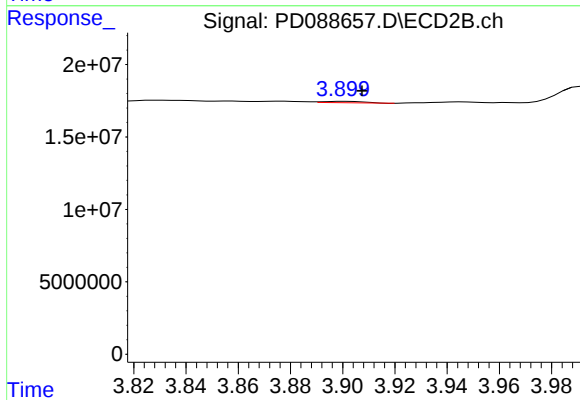
R.T.: 7.182 min
Delta R.T.: -0.007 min
Response: 4035165
Conc: 0.27 ng/ml



#23 Chlordane-1

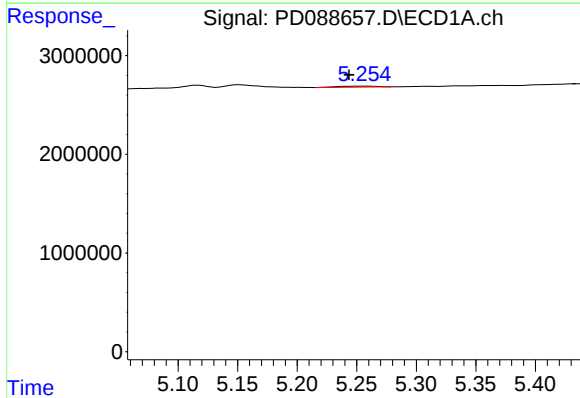
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



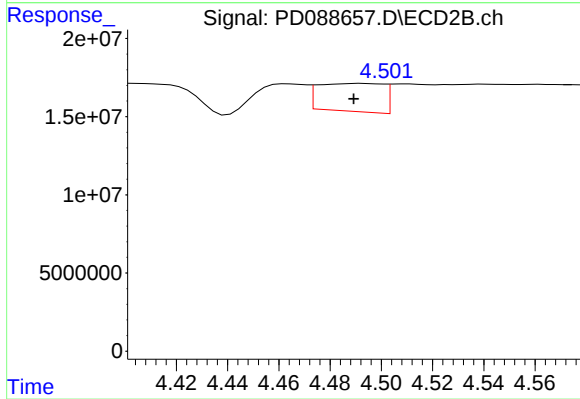
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.007 min
Response: 1038885
Conc: 1.26 ng/ml



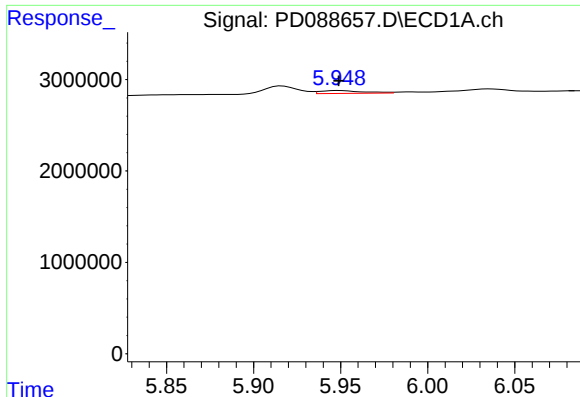
#24 Chlordane-2

R.T.: 5.256 min
Delta R.T.: 0.013 min
Response: 248861
Conc: 1.36 ng/ml



#24 Chlordane-2

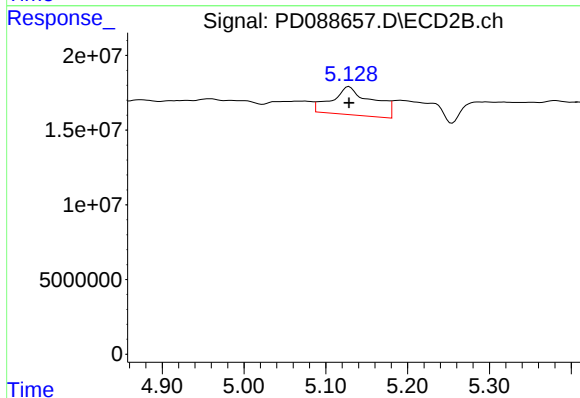
R.T.: 4.492 min
Delta R.T.: 0.003 min
Response: 31336414
Conc: 37.13 ng/ml



#25 Chlordane-3

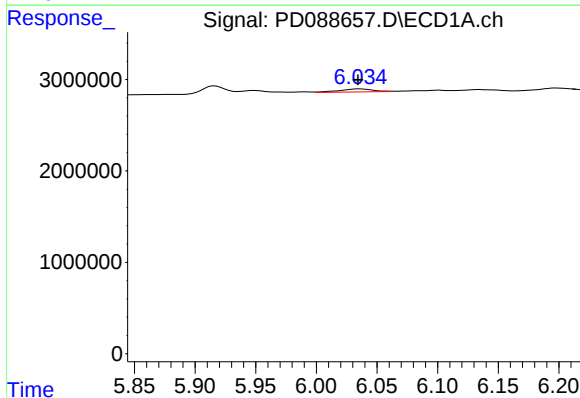
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 537693
Conc: 0.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



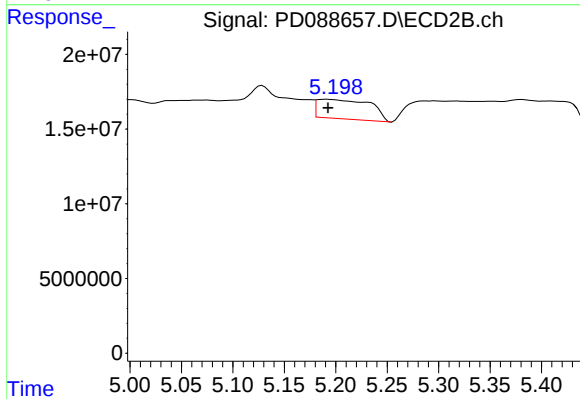
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 64816005
Conc: 24.58 ng/ml



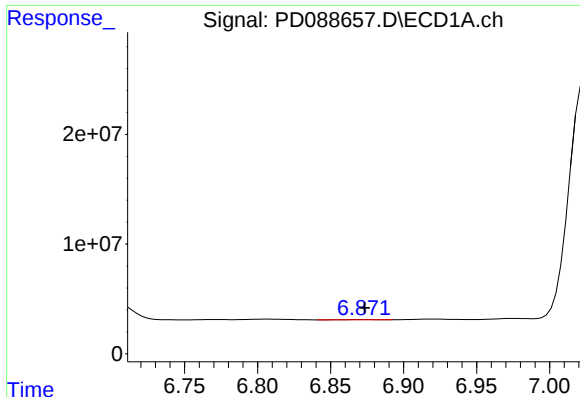
#26 Chlordane-4

R.T.: 6.036 min
Delta R.T.: 0.001 min
Response: 642860
Conc: 0.72 ng/ml



#26 Chlordane-4

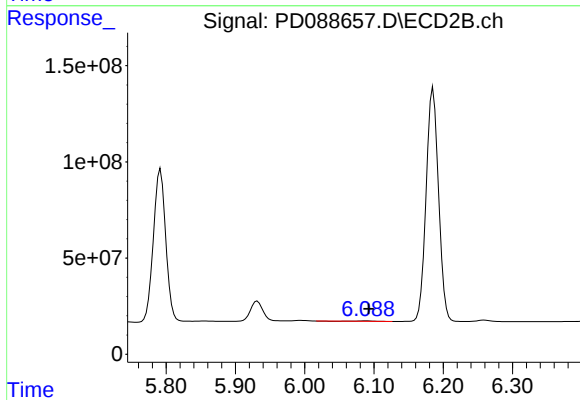
R.T.: 5.191 min
Delta R.T.: -0.001 min
Response: 46843937
Conc: 21.17 ng/ml



#27 Chlordane-5

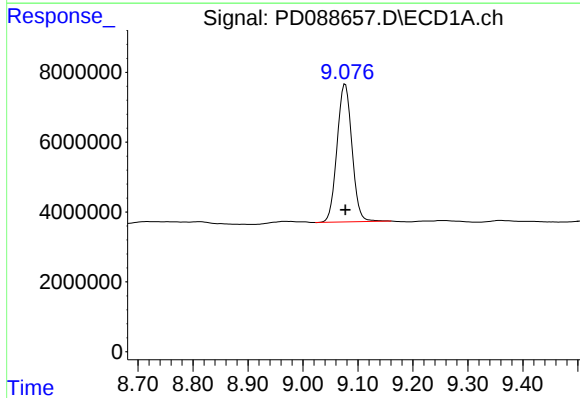
R.T.: 6.872 min
Delta R.T.: -0.001 min
Response: 186928
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



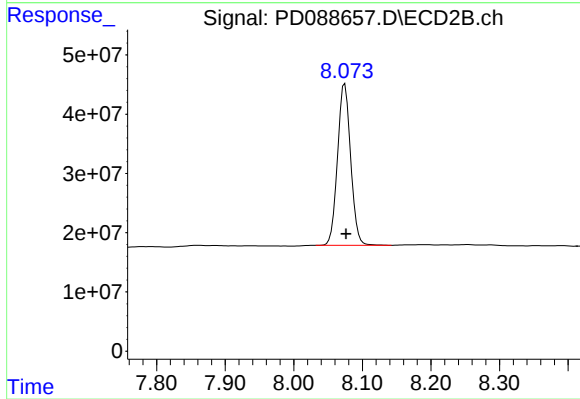
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.004 min
Response: 3021723
Conc: 3.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 74539055
Conc: 21.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 363594099
Conc: 19.92 ng/ml