

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052225\
 Data File : PD088685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2025 12:26
 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 14:21:40 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...	3.551	2.881	50653478	360.4E6	23.410	23.828
28)	SA Decachlor...	9.075	8.074	82564130	423.7E6	24.125	23.206
Target Compounds							
2)	A alpha-BHC	4.000	3.394	50654405	294.3E6	10.605	12.310
3)	MA gamma-BHC...	4.331	3.730	50204709	272.8E6	10.908	12.309
4)	MA Heptachlor	4.934	4.082	476950	1909262	0.107	0.085
5)	MB Aldrin	5.256f	4.365	316568	19210832	0.072	0.876 #
6)	B beta-BHC	4.516	4.026	21412813	119.3E6	11.875	12.242
7)	B delta-BHC	4.779	4.262	2935383	870601	0.695	0.039 #
8)	B Heptachlo...	5.683	4.875	2990266	714796	0.753	0.036 #
9)	A Endosulfan I	6.107f	0.000	158474	0	0.042	N.D. #
10)	B gamma-Chl...	5.948	5.127	777599	88705852	0.195	4.158 #
11)	B alpha-Chl...	6.034	5.189	1037076	53566603	0.259	2.597 #
12)	B 4,4'-DDE	6.197	5.378	473751	69649053	0.132	3.332 #
13)	MA Dieldrin	6.367f	5.511	928421	1106629	0.231	0.053 #
14)	MA Endrin	6.576	5.790	197.7E6	1034.5E6	57.897	53.643
15)	B Endosulfa...	6.773f	6.088	1296966	4341367	0.377	0.237 #
16)	A 4,4'-DDD	6.706	5.930	28995505	165.9E6	10.411	9.538
17)	MA 4,4'-DDT	7.023	6.184	301.9E6	1649.6E6	96.686	90.948
18)	B Endrin al...	6.919	6.258	1318500	12446216	0.512	0.894 #
19)	B Endosulfa...	7.119f	6.458f	231481	2830822	0.072	0.159 #
20)	A Methoxychlor	7.495	6.754	384.1E6	1844.7E6	229.921	192.659
21)	B Endrin ke...	7.631	6.991	4983745	41770336	1.456	2.159 #
22)	Mirex	8.118	7.178	1405	5865389	0.001	0.386 #
23)	Chlordane-1	0.000	3.901	0	1533154	N.D.	1.855 #
24)	Chlordane-2	5.256	4.508	316568	101.8E6	1.725	120.672 #
25)	Chlordane-3	5.948	5.127	777599	88705852	1.051	33.641 #
26)	Chlordane-4	6.034	5.189	1037076	53566603	1.157	24.211 #
27)	Chlordane-5	6.868	6.088	272274	4341367	1.790	4.338 #

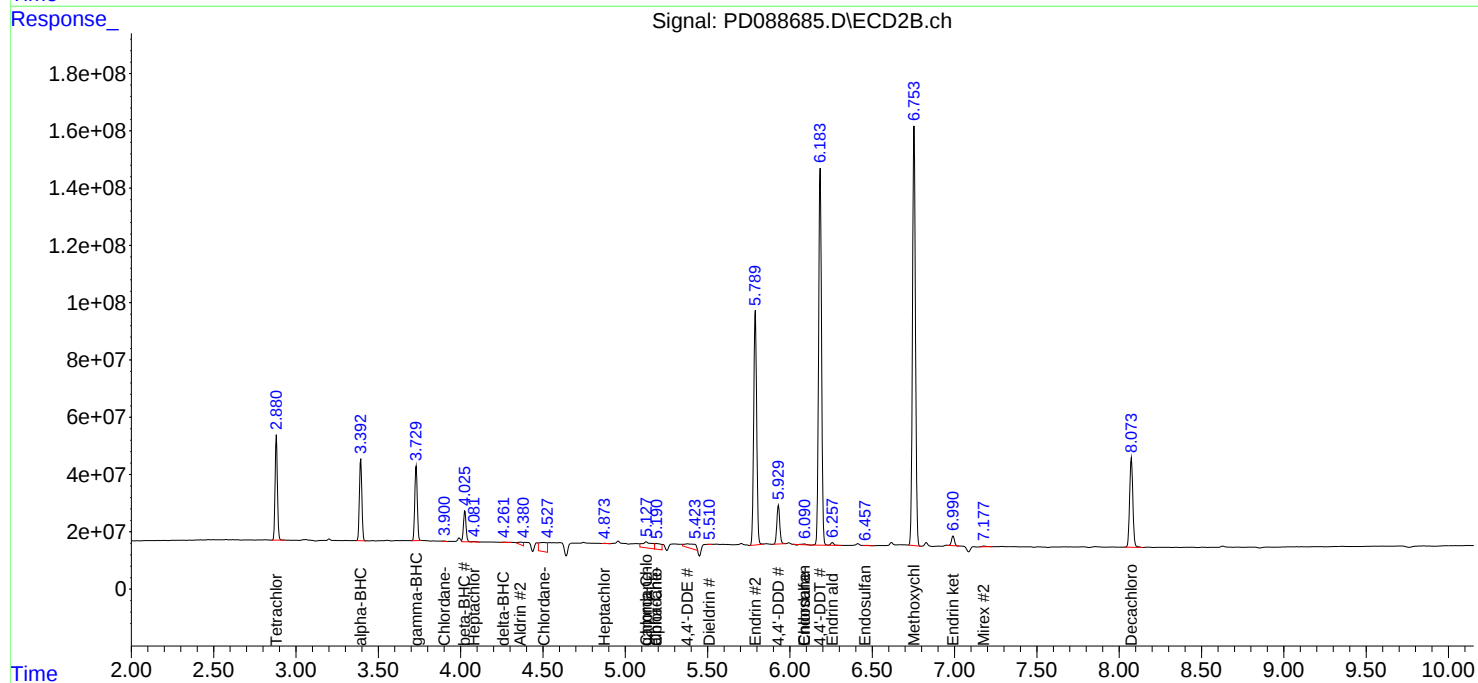
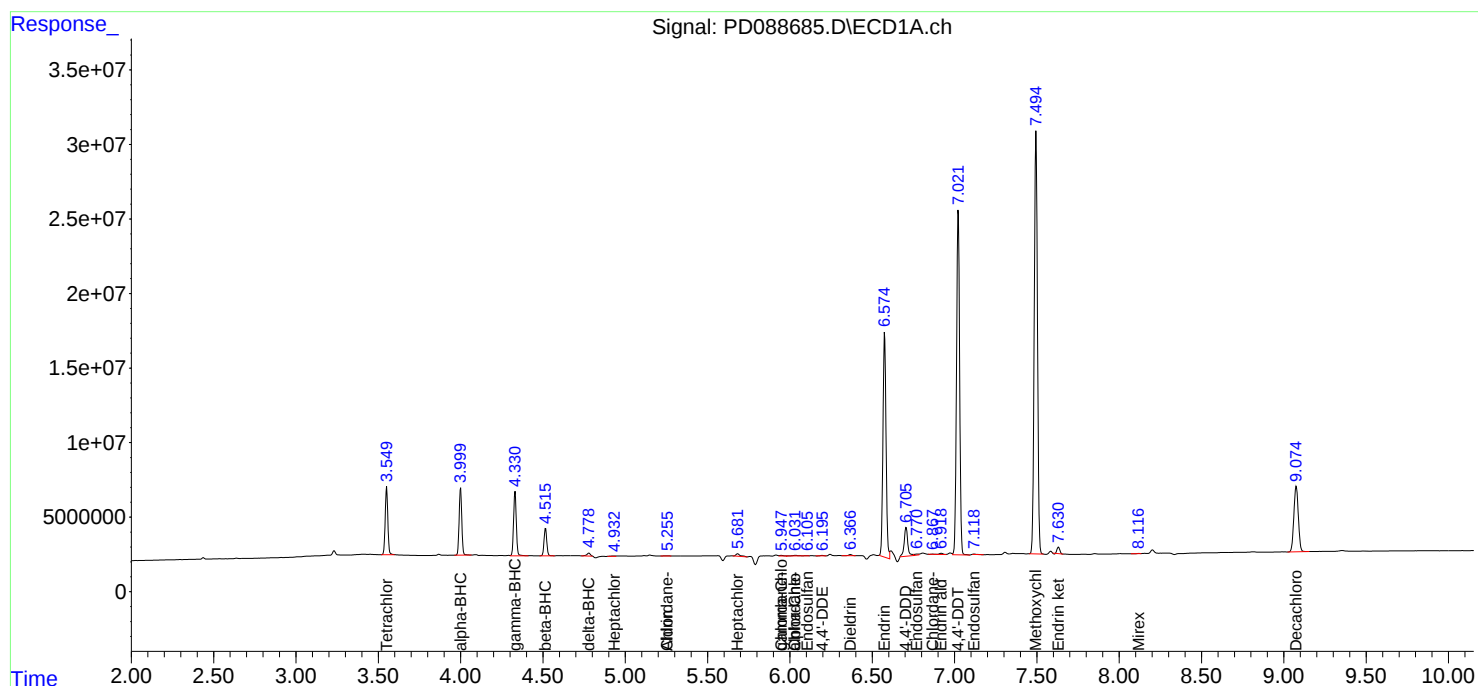
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

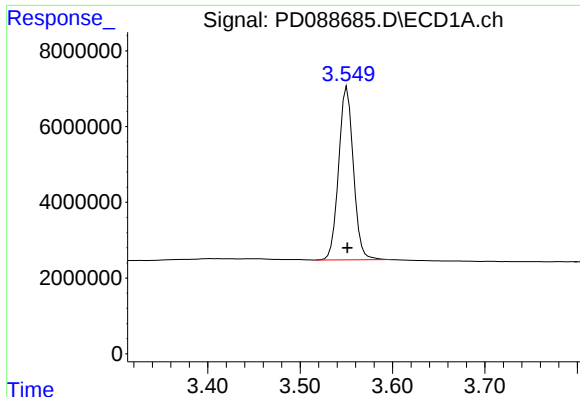
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052225\
Data File : PD088685.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2025 12:26
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 14:21:40 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

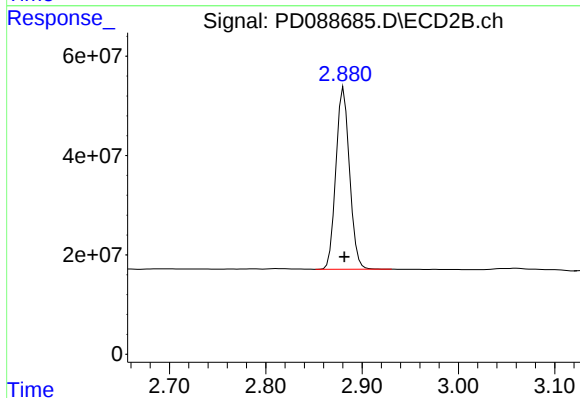




#1 Tetrachloro-m-xylene

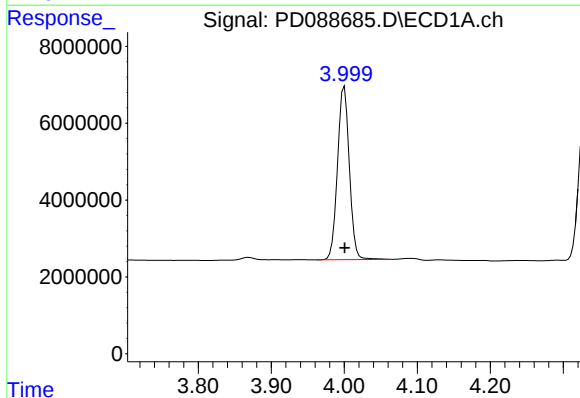
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 50653478
Conc: 23.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



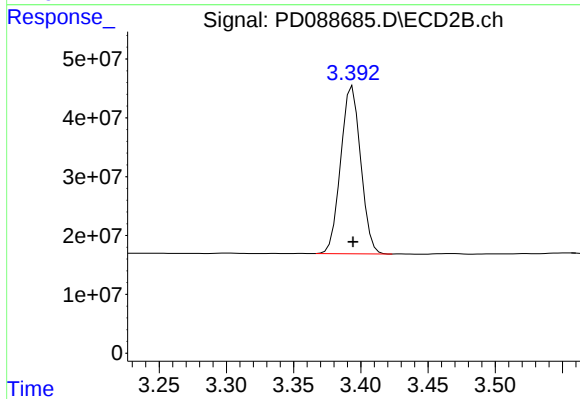
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 360437988
Conc: 23.83 ng/ml



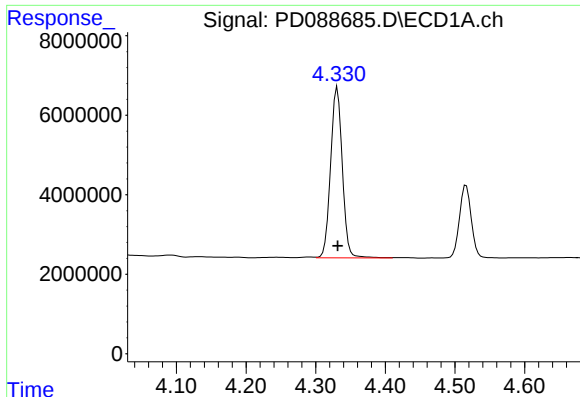
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 50654405
Conc: 10.60 ng/ml



#2 alpha-BHC

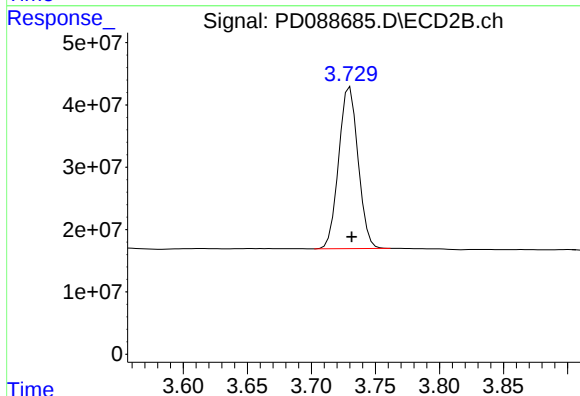
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 294266039
Conc: 12.31 ng/ml



#3 gamma-BHC (Lindane)

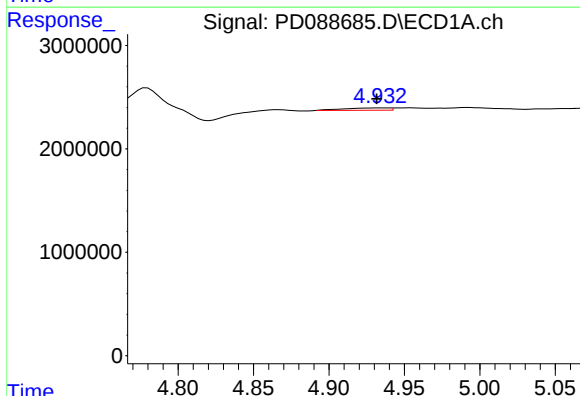
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 50204709
Conc: 10.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



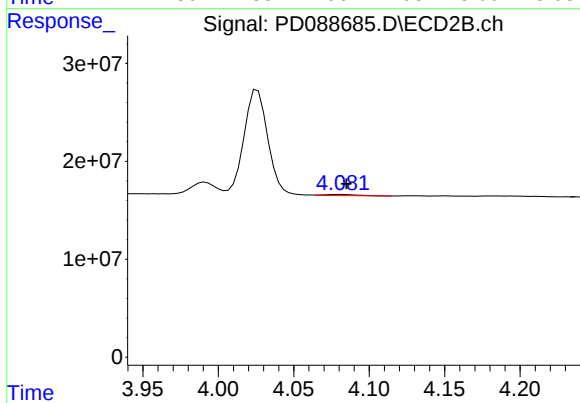
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.001 min
Response: 272832386
Conc: 12.31 ng/ml



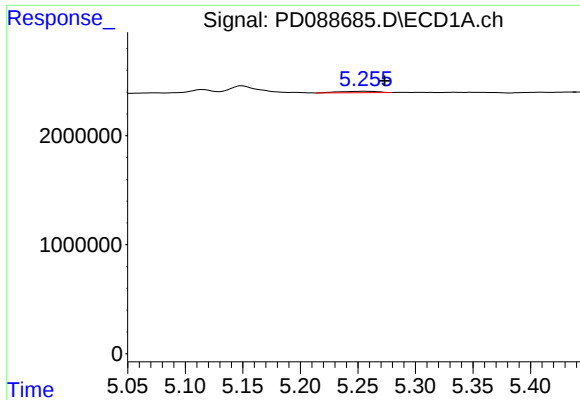
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.002 min
Response: 476950
Conc: 0.11 ng/ml



#4 Heptachlor

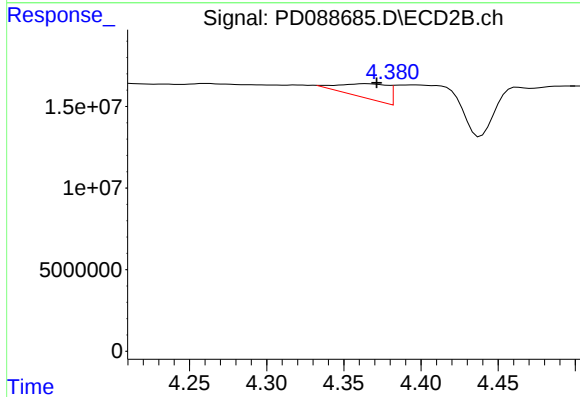
R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1909262
Conc: 0.09 ng/ml



#5 Aldrin

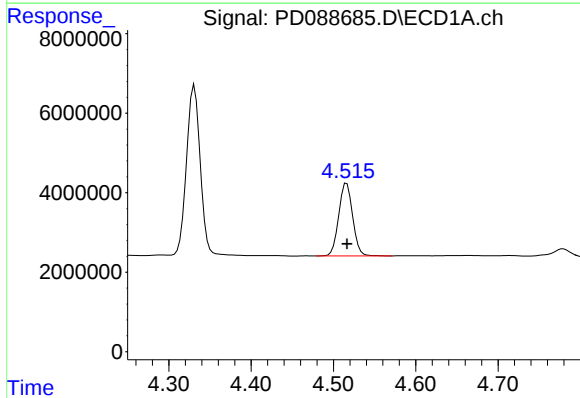
R.T.: 5.256 min
Delta R.T.: -0.017 min
Response: 316568
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



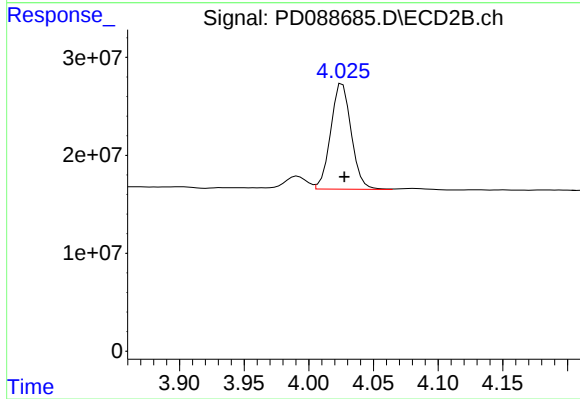
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 19210832
Conc: 0.88 ng/ml



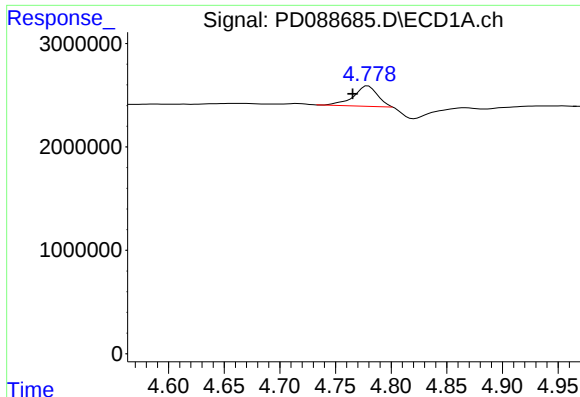
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 21412813
Conc: 11.88 ng/ml



#6 beta-BHC

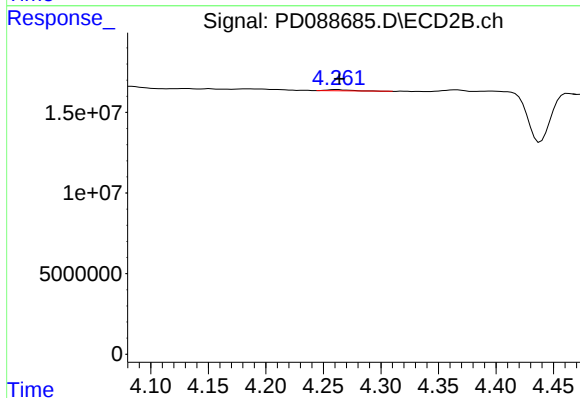
R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 119261486
Conc: 12.24 ng/ml



#7 delta-BHC

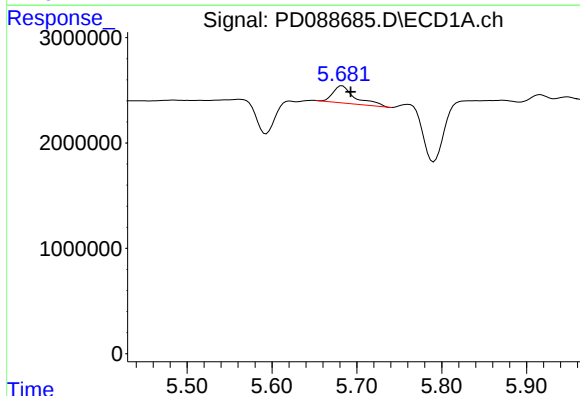
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 2935383
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



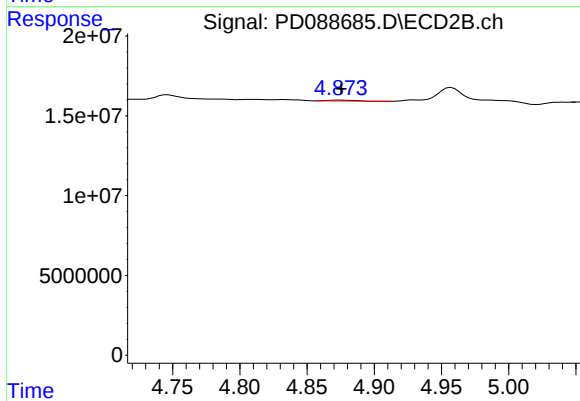
#7 delta-BHC

R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 870601
Conc: 0.04 ng/ml



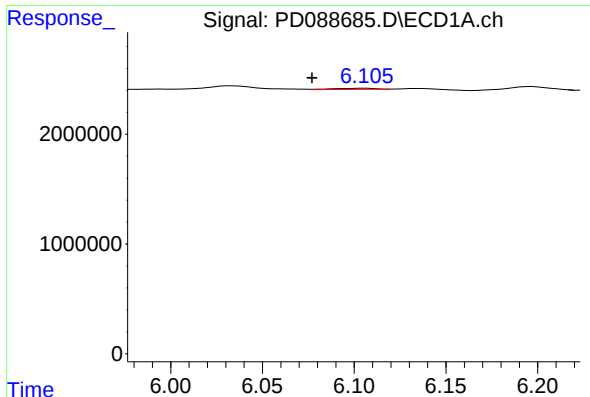
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 2990266
Conc: 0.75 ng/ml



#8 Heptachlor epoxide

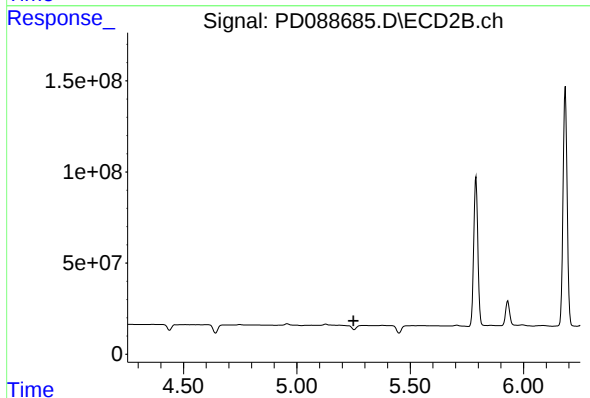
R.T.: 4.875 min
Delta R.T.: 0.000 min
Response: 714796
Conc: 0.04 ng/ml



#9 Endosulfan I

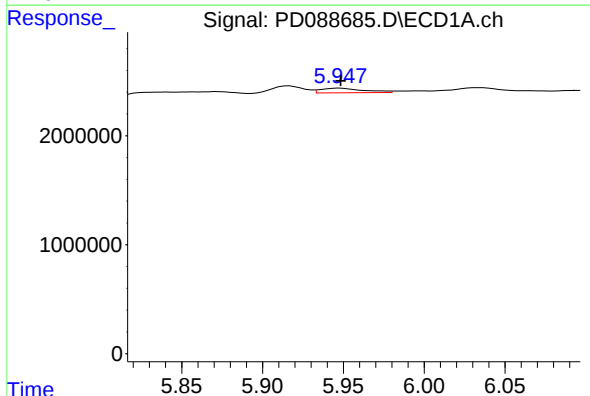
R.T.: 6.107 min
Delta R.T.: 0.030 min
Response: 158474
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



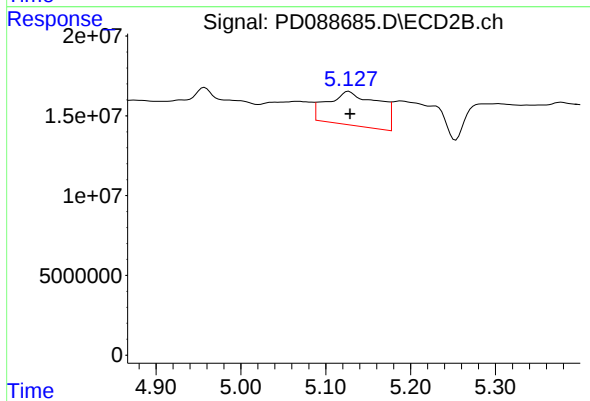
#9 Endosulfan I

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



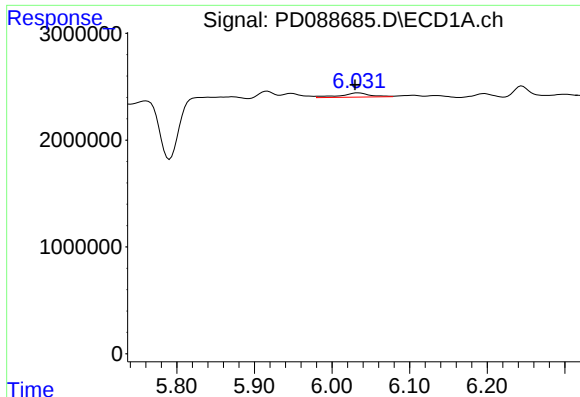
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 777599
Conc: 0.19 ng/ml



#10 gamma-Chlordane

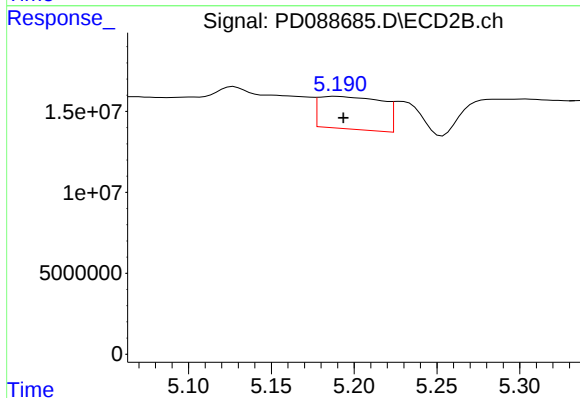
R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 88705852
Conc: 4.16 ng/ml



#11 alpha-Chlordane

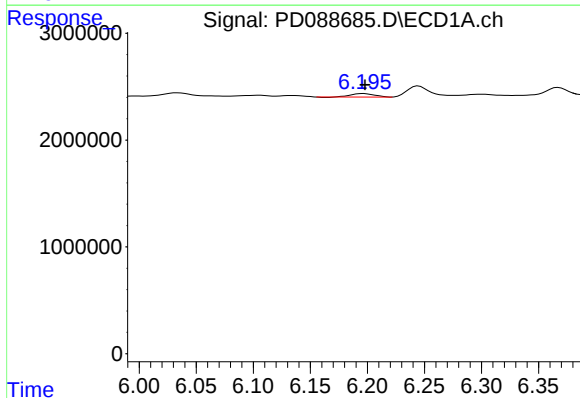
R.T.: 6.034 min
Delta R.T.: 0.004 min
Response: 1037076
Conc: 0.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



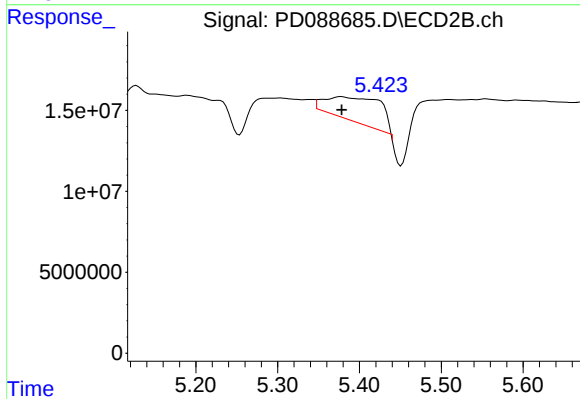
#11 alpha-Chlordane

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 53566603
Conc: 2.60 ng/ml



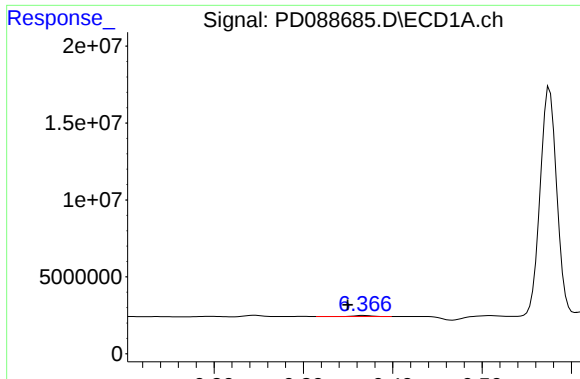
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 473751
Conc: 0.13 ng/ml



#12 4,4'-DDE

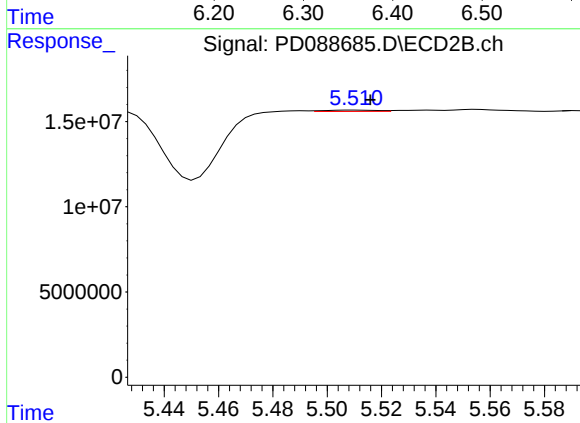
R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 69649053
Conc: 3.33 ng/ml



#13 Dieldrin

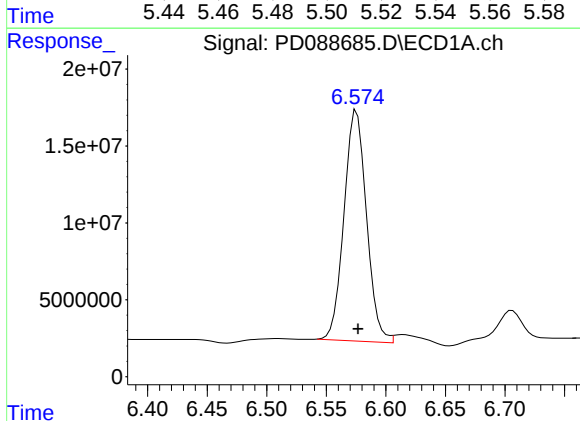
R.T.: 6.367 min
Delta R.T.: 0.018 min
Response: 928421
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



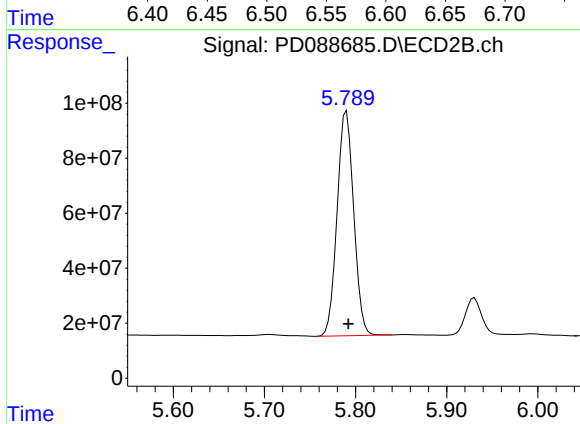
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 1106629
Conc: 0.05 ng/ml



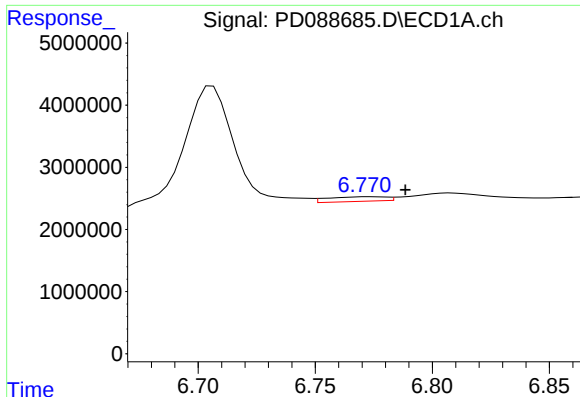
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.001 min
Response: 197727653
Conc: 57.90 ng/ml



#14 Endrin

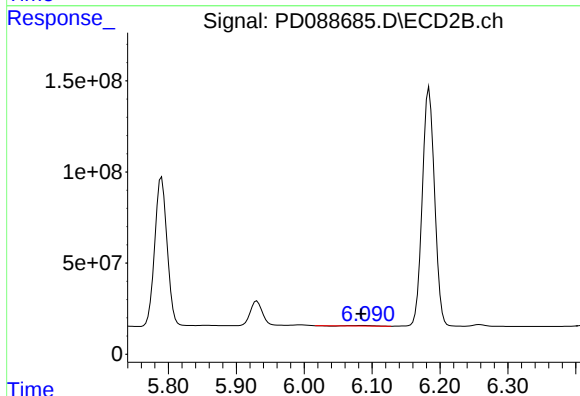
R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 1034454188
Conc: 53.64 ng/ml



#15 Endosulfan II

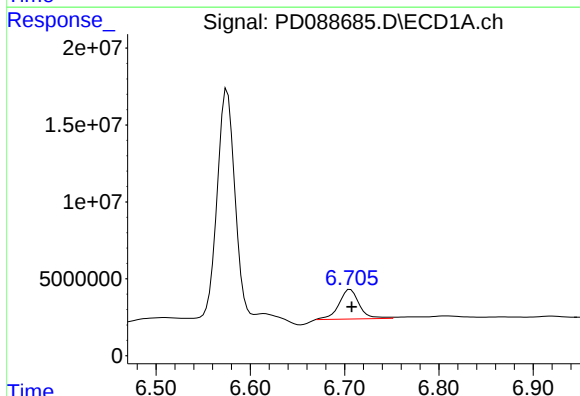
R.T.: 6.773 min
Delta R.T.: -0.016 min
Response: 1296966
Conc: 0.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



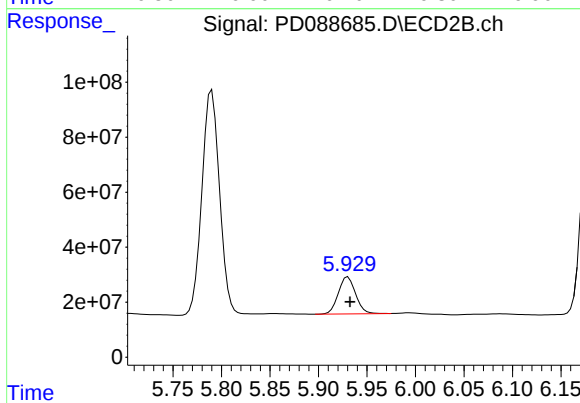
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 4341367
Conc: 0.24 ng/ml



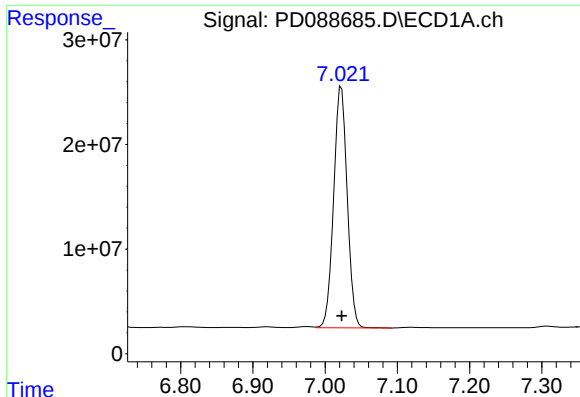
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 28995505
Conc: 10.41 ng/ml



#16 4,4'-DDD

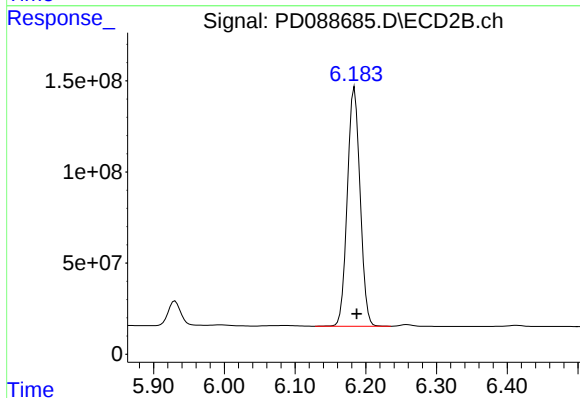
R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 165883496
Conc: 9.54 ng/ml



#17 4,4'-DDT

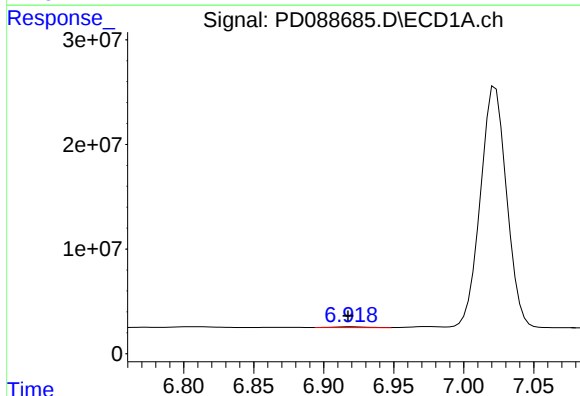
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 301857102
Conc: 96.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



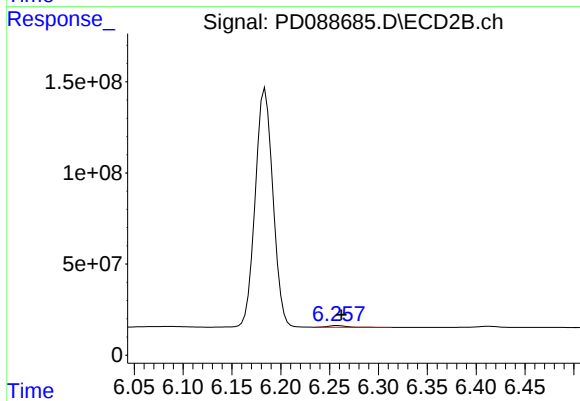
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 1649557526
Conc: 90.95 ng/ml



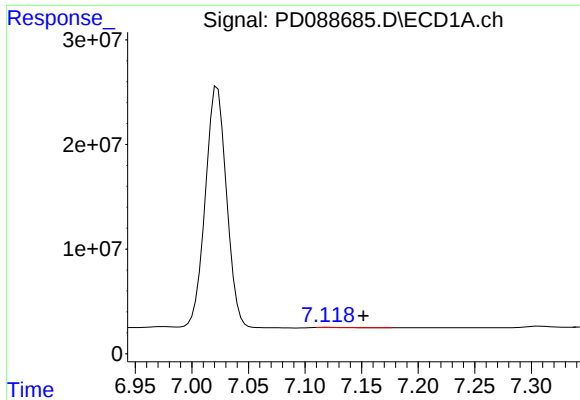
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.002 min
Response: 1318500
Conc: 0.51 ng/ml



#18 Endrin aldehyde

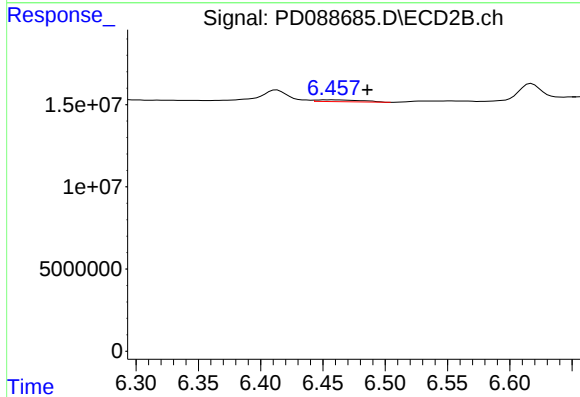
R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 12446216
Conc: 0.89 ng/ml



#19 Endosulfan Sulfate

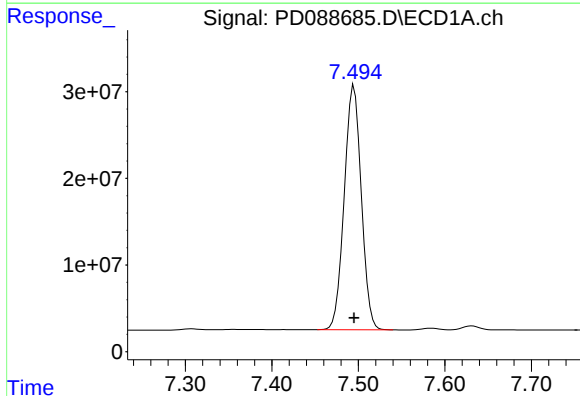
R.T.: 7.119 min
Delta R.T.: -0.032 min
Response: 231481
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



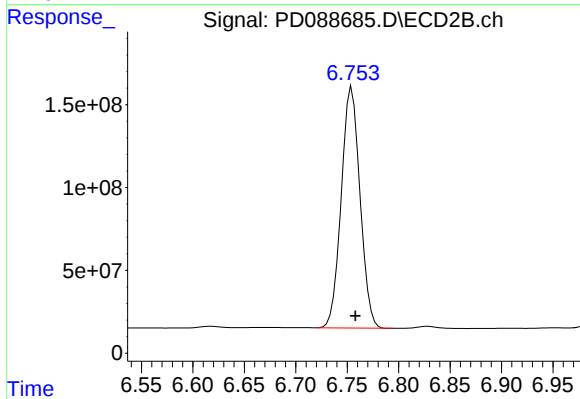
#19 Endosulfan Sulfate

R.T.: 6.458 min
Delta R.T.: -0.028 min
Response: 2830822
Conc: 0.16 ng/ml



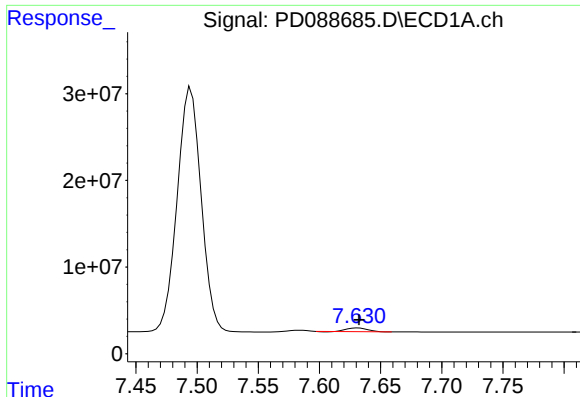
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 384095369
Conc: 229.92 ng/ml



#20 Methoxychlor

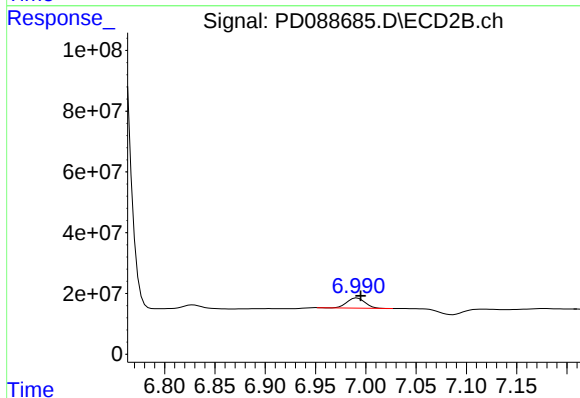
R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 1844666358
Conc: 192.66 ng/ml



#21 Endrin ketone

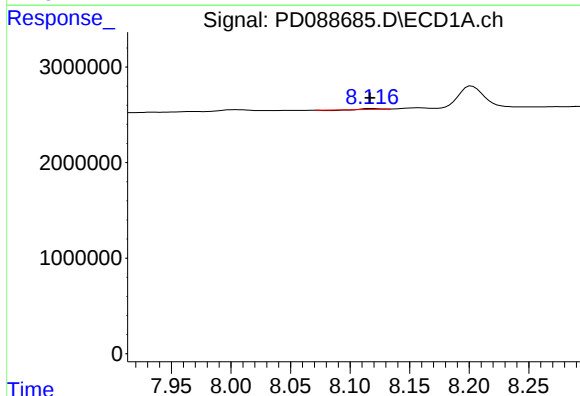
R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 4983745
Conc: 1.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



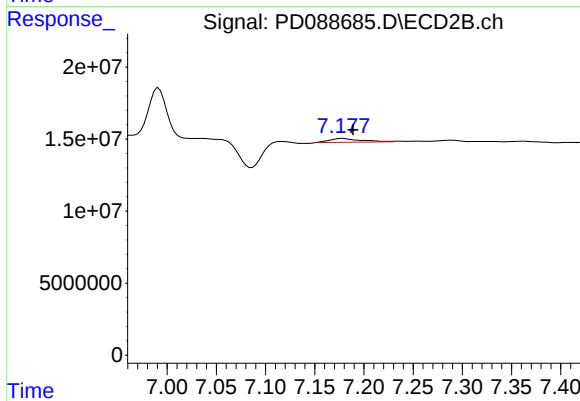
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 41770336
Conc: 2.16 ng/ml



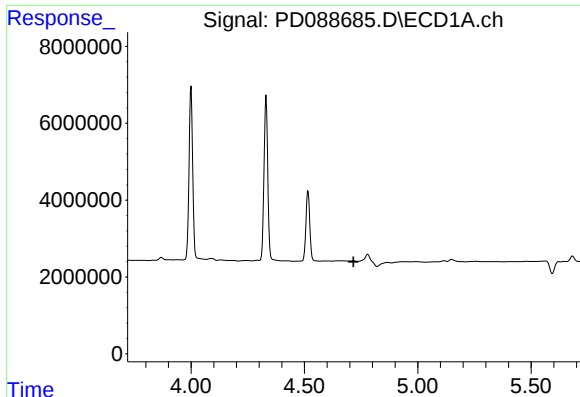
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 1405
Conc: 0.00 ng/ml



#22 Mirex

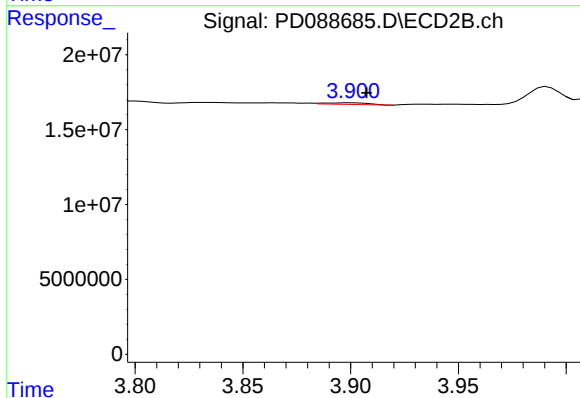
R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 5865389
Conc: 0.39 ng/ml



#23 Chlordane-1

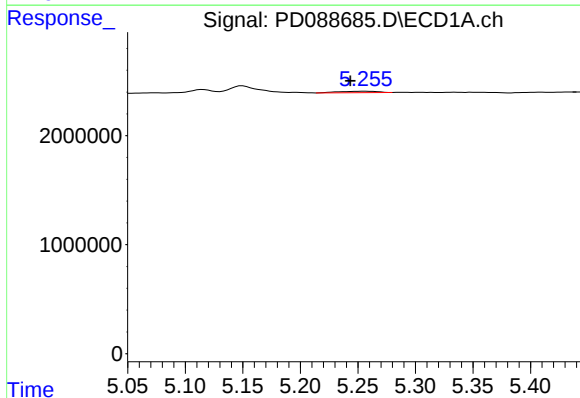
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



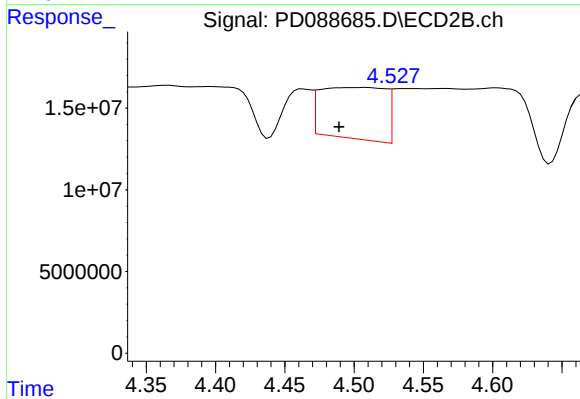
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.007 min
Response: 1533154
Conc: 1.86 ng/ml



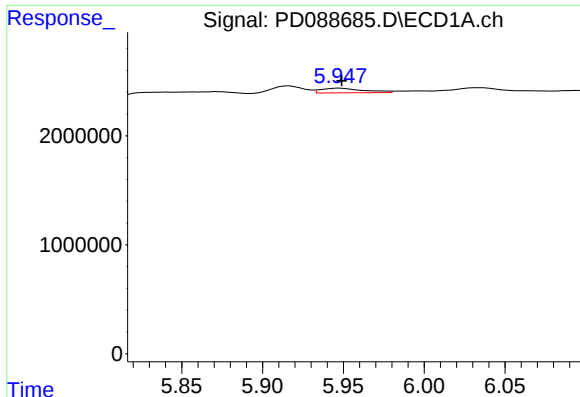
#24 Chlordane-2

R.T.: 5.256 min
Delta R.T.: 0.013 min
Response: 316568
Conc: 1.73 ng/ml



#24 Chlordane-2

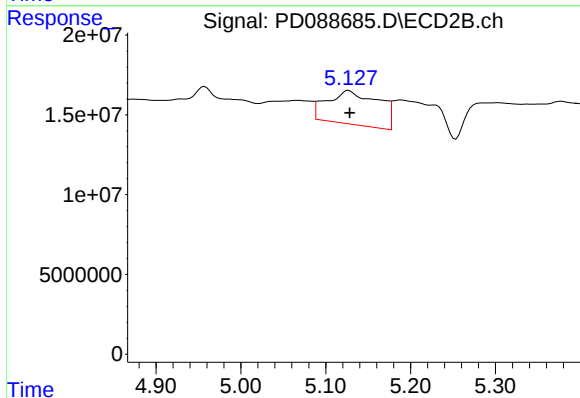
R.T.: 4.508 min
Delta R.T.: 0.019 min
Response: 101847714
Conc: 120.67 ng/ml



#25 Chlordane-3

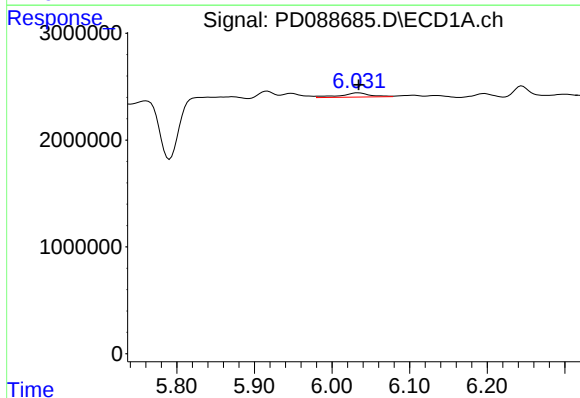
R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 777599
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



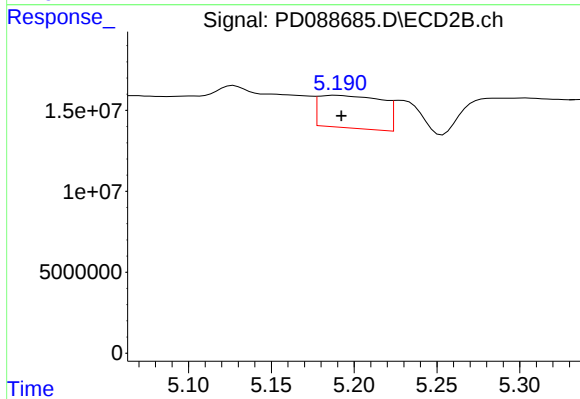
#25 Chlordane-3

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 88705852
Conc: 33.64 ng/ml



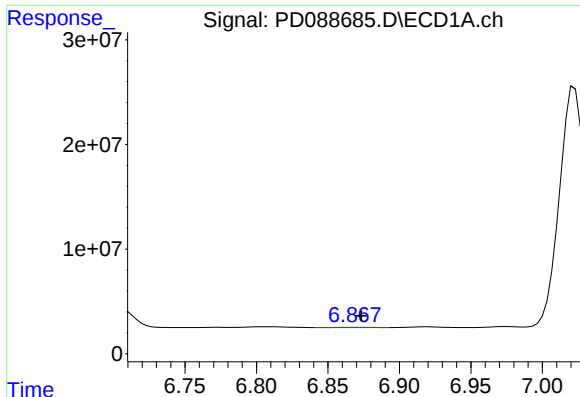
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 1037076
Conc: 1.16 ng/ml



#26 Chlordane-4

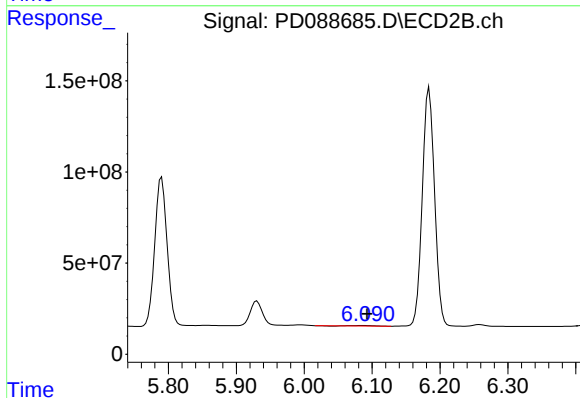
R.T.: 5.189 min
Delta R.T.: -0.003 min
Response: 53566603
Conc: 24.21 ng/ml



#27 Chlordane-5

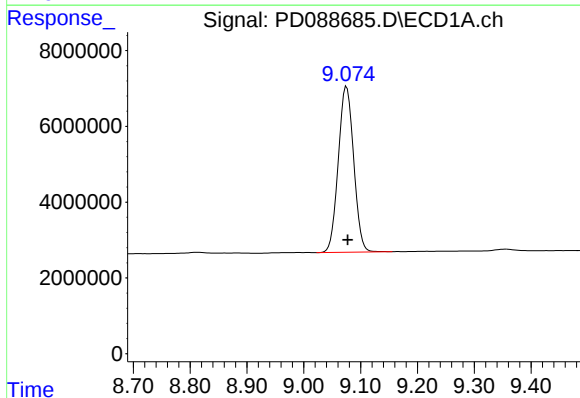
R.T.: 6.868 min
Delta R.T.: -0.005 min
Response: 272274
Conc: 1.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



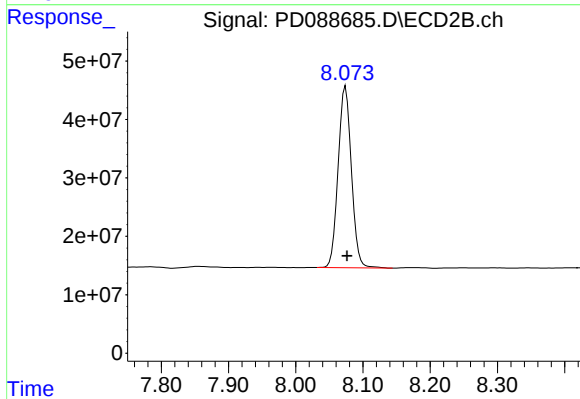
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 4341367
Conc: 4.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 82564130
Conc: 24.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.002 min
Response: 423660722
Conc: 23.21 ng/ml