

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091322\  
 Data File : PD071857.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2022 05:43  
 Operator : AR\AJ  
 Sample : N4572-07  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 07:09:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 10 22:11:50 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|-----------|
| -----                       |                 |        |        |          |          |        |           |
| System Monitoring Compounds |                 |        |        |          |          |        |           |
| 1)                          | SA Tetrachlo... | 2.804  | 3.562  | 44208237 | 499.6E6  | 18.079 | 17.412    |
| 28)                         | SA Decachlor... | 7.994  | 9.088  | 29470957 | 108.2E6  | 11.698 | 11.634    |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 3.311  | 4.017  | 1468539  | 18808962 | 0.381  | 0.469     |
| 3)                          | MA gamma-BHC... | 3.651  | 0.000  | 18562030 | 0        | 5.287  | N.D. #    |
| 4)                          | MA Heptachlor   | 0.000  | 4.920f | 0        | 63959184 | N.D.   | 2.647 #   |
| 6)                          | B beta-BHC      | 3.959  | 4.586f | 18566456 | 155.3E6  | 12.254 | 11.747    |
| 7)                          | B delta-BHC     | 4.172  | 4.837f | 10430299 | 95324761 | 2.960  | 4.078 #   |
| 8)                          | B Heptachlo...  | 4.783  | 5.743f | 10296552 | 30783035 | 3.149  | 1.996 #   |
| 9)                          | A Endosulfan I  | 5.182f | 6.107  | 73396264 | 177.0E6  | 23.094 | 12.007 #  |
| 10)                         | B gamma-Chl...  | 5.036  | 5.977  | 2836235  | 168.0E6  | 0.841  | 10.457 #  |
| 11)                         | B alpha-Chl...  | 5.098  | 6.049  | 6827665  | 324.4E6  | 2.057  | 20.790 #  |
| 12)                         | B 4,4'-DDE      | 5.300  | 6.217  | 4618399  | 120.8E6  | 1.509  | 8.204 #   |
| 13)                         | MA Dieldrin     | 5.428  | 6.395f | 16002501 | 8404749  | 4.784  | 0.555 #   |
| 14)                         | MA Endrin       | 5.695  | 6.617  | 2336454  | 25435548 | 0.789  | 2.014 #   |
| 15)                         | B Endosulfa...  | 6.001  | 6.846  | 7161531  | 73734229 | 2.600  | 5.955 #   |
| 16)                         | A 4,4'-DDD      | 5.851  | 6.744  | -1086834 | 73125809 | N.D.   | 6.153     |
| 17)                         | MA 4,4'-DDT     | 6.102  | 7.052  | 1780782  | 18126546 | 0.677  | 1.467 #   |
| 18)                         | B Endrin al...  | 6.193f | 6.963  | 1610364  | 37570376 | 0.728  | 3.891 #   |
| 19)                         | B Endosulfa...  | 6.407  | 7.175f | 10725268 | 11851390 | 3.999  | 1.063 #   |
| 20)                         | A Methoxychlor  | 6.711f | 7.525  | 17991992 | 2139040  | 12.016 | 0.352 #   |
| 21)                         | B Endrin ke...  | 6.889f | 7.664f | 1611662  | 261.0E6  | 0.537  | 20.983 #  |
| 22)                         | Mirex           | 0.000  | 8.167  | 0        | 1877277  | N.D.   | 0.217 #   |
| 23)                         | Chlordane-1     | 3.821  | 0.000  | 5193315  | 0        | 51.066 | N.D. #    |
| 25)                         | Chlordane-3     | 5.036  | 5.977  | 2836235  | 168.0E6  | 8.341  | 76.481 #  |
| 26)                         | Chlordane-4     | 5.098  | 6.049  | 6827665  | 324.4E6  | 21.731 | 126.233 # |
| 27)                         | Chlordane-5     | 6.001  | 6.900  | 7161531  | 6598769  | 57.401 | 13.416 #  |
| -----                       |                 |        |        |          |          |        |           |

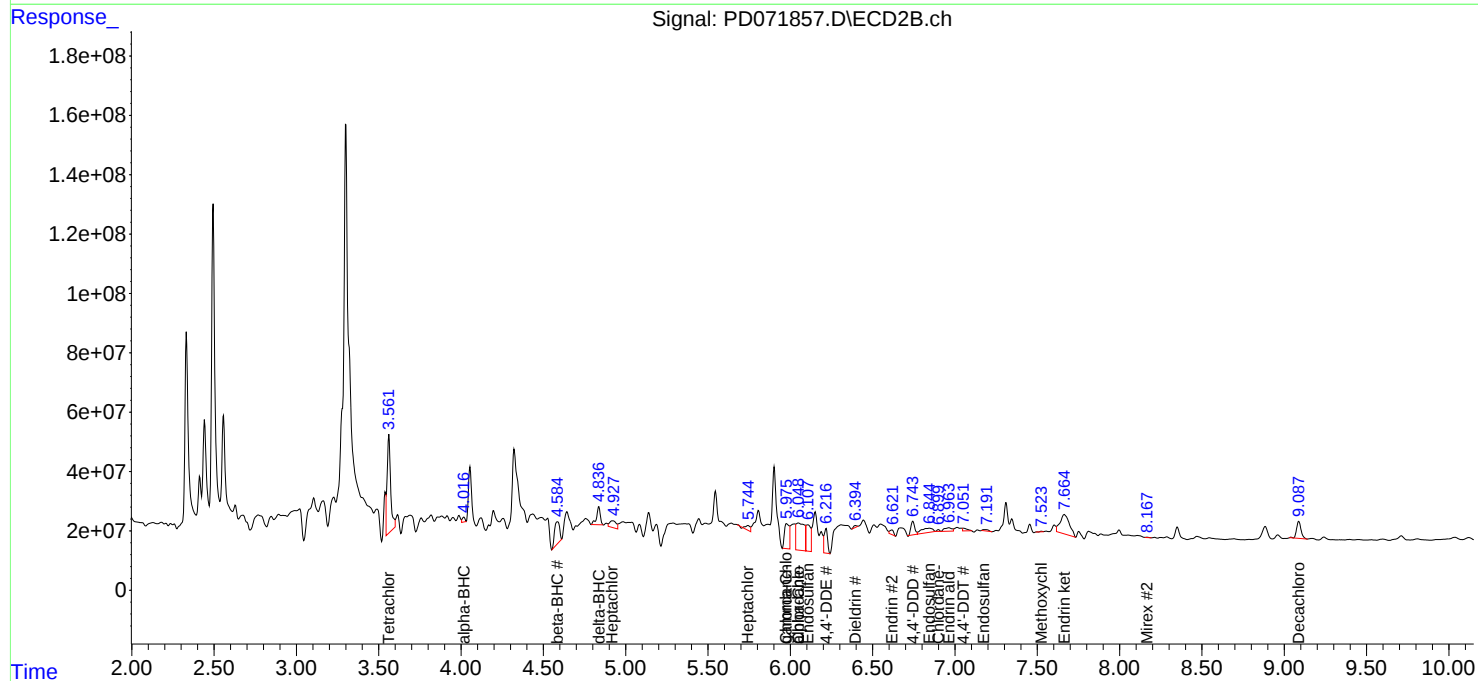
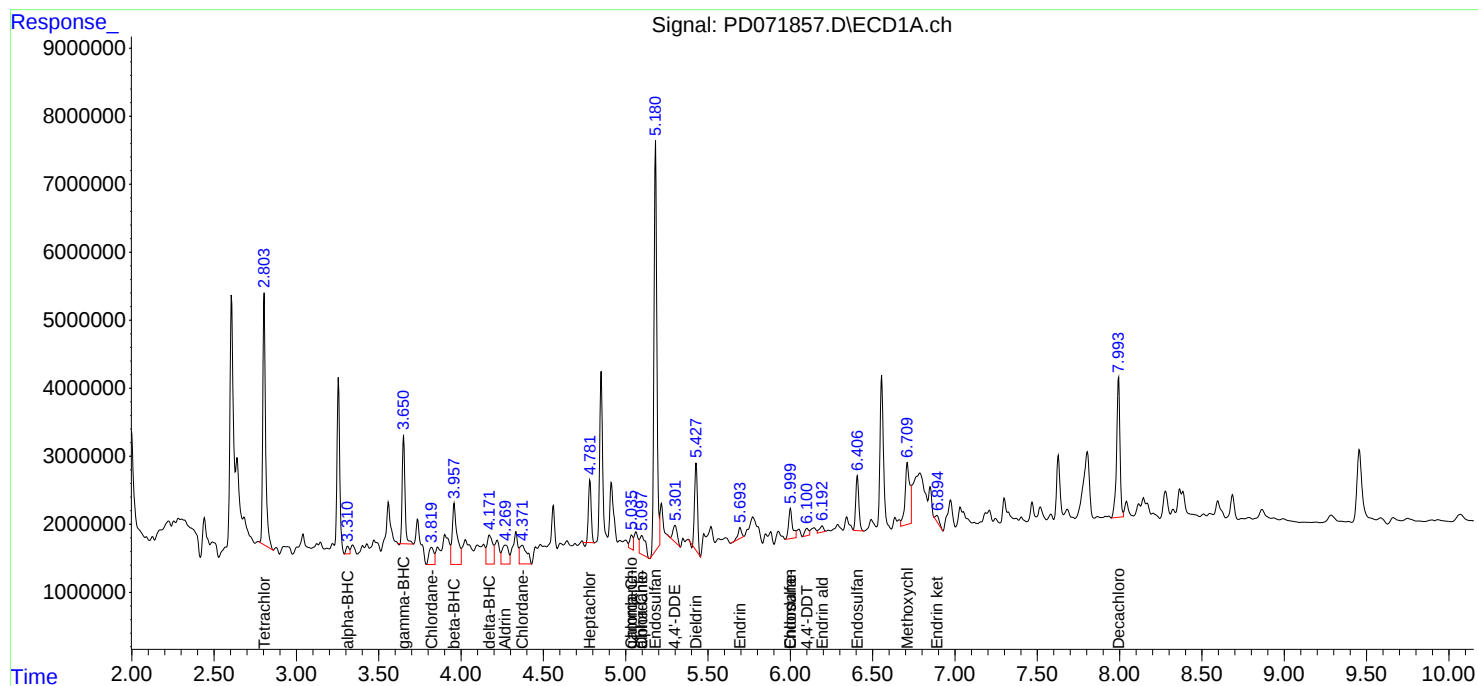
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

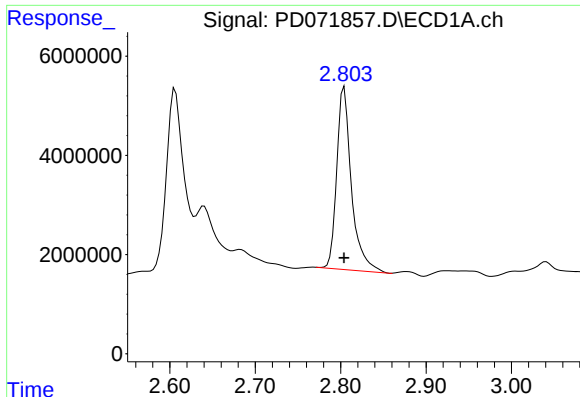
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091322\  
Data File : PD071857.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2022 05:43  
Operator : AR\AJ  
Sample : N4572-07  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 07:09:06 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 10 22:11:50 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

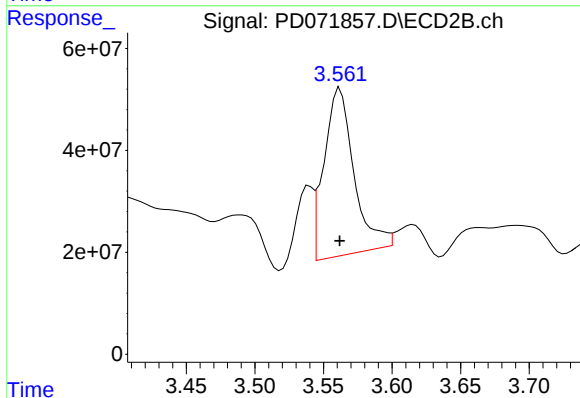




#1 Tetrachloro-m-xylene

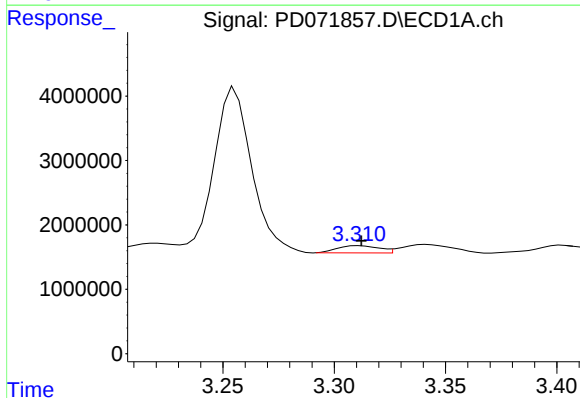
R.T.: 2.804 min  
Delta R.T.: 0.000 min  
Response: 44208237  
Conc: 18.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



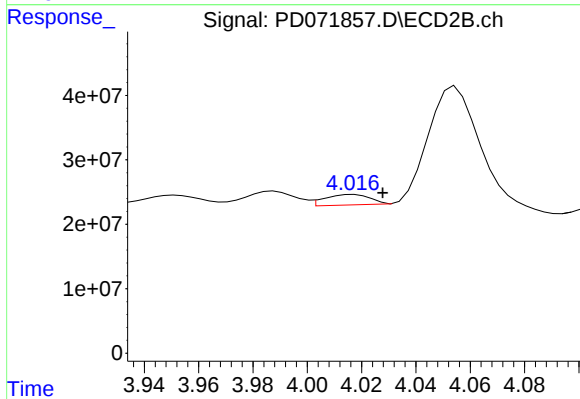
#1 Tetrachloro-m-xylene

R.T.: 3.562 min  
Delta R.T.: 0.000 min  
Response: 499646431  
Conc: 17.41 ng/ml



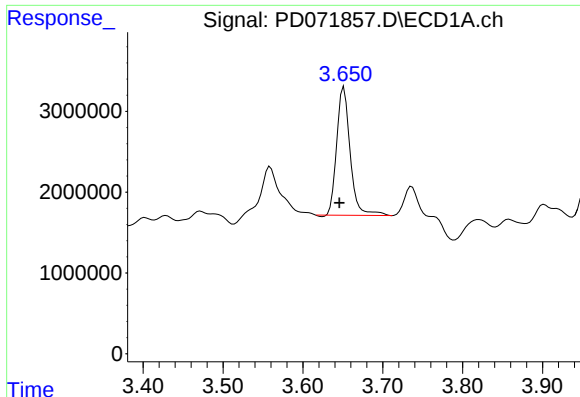
#2 alpha-BHC

R.T.: 3.311 min  
Delta R.T.: 0.000 min  
Response: 1468539  
Conc: 0.38 ng/ml



#2 alpha-BHC

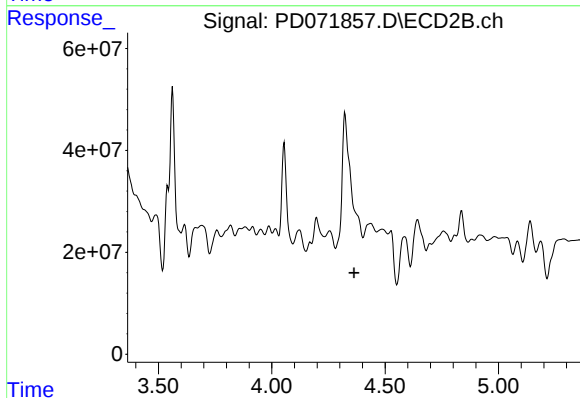
R.T.: 4.017 min  
Delta R.T.: -0.011 min  
Response: 18808962  
Conc: 0.47 ng/ml



#3 gamma-BHC (Lindane)

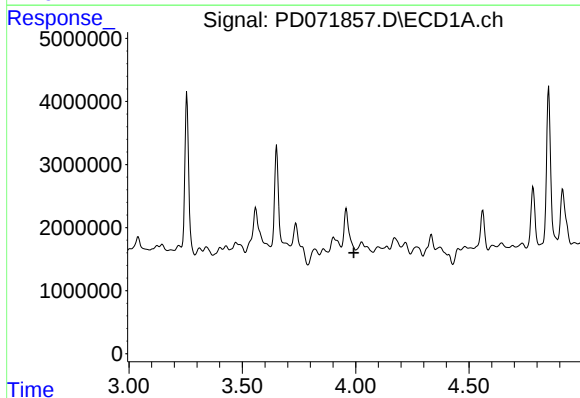
R.T.: 3.651 min  
Delta R.T.: 0.006 min  
Response: 18562030  
Conc: 5.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



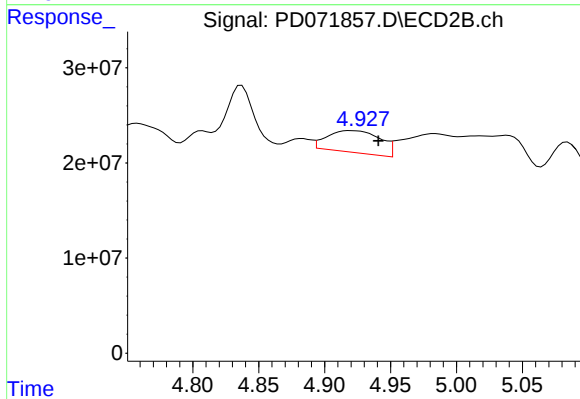
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.364 min  
Response: 0  
Conc: N.D.



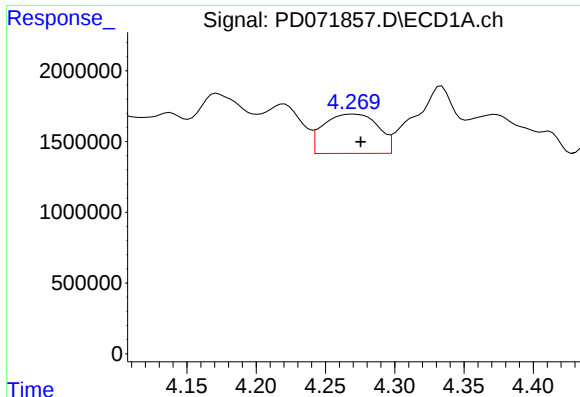
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 3.992 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

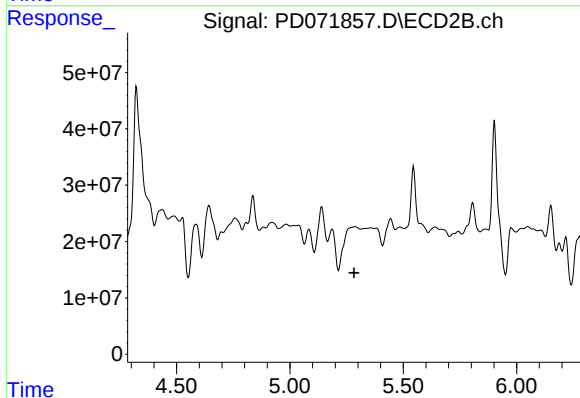
R.T.: 4.920 min  
Delta R.T.: -0.021 min  
Response: 63959184  
Conc: 2.65 ng/ml



#5 Aldrin

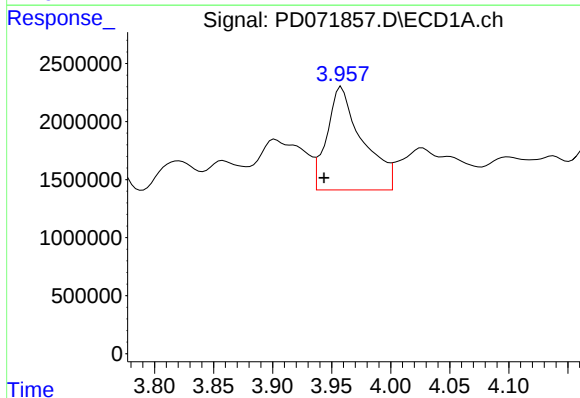
R.T.: 4.270 min  
Delta R.T.: -0.005 min  
Response: 7608645  
Conc: 2.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



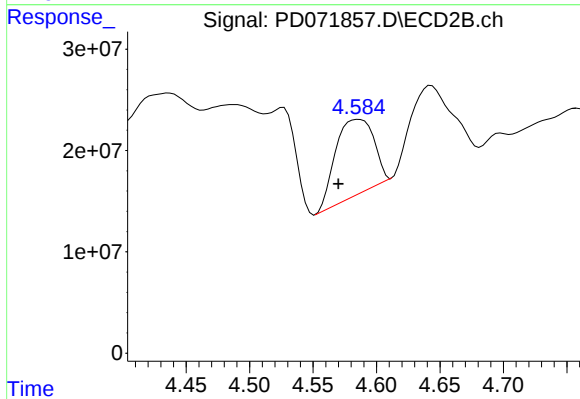
#5 Aldrin

R.T.: 5.288 min  
Delta R.T.: 0.005 min  
Response: -58417409  
Conc: N.D.



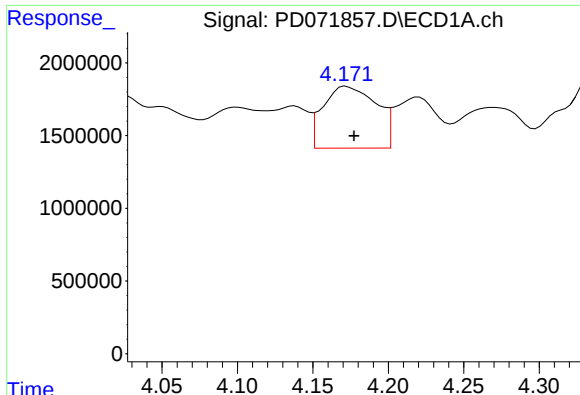
#6 beta-BHC

R.T.: 3.959 min  
Delta R.T.: 0.015 min  
Response: 18566456  
Conc: 12.25 ng/ml



#6 beta-BHC

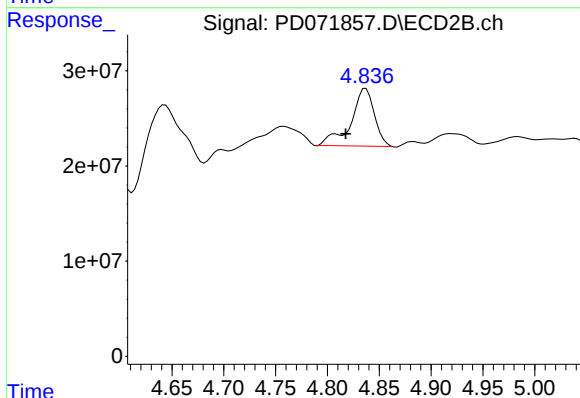
R.T.: 4.586 min  
Delta R.T.: 0.016 min  
Response: 155260539  
Conc: 11.75 ng/ml



#7 delta-BHC

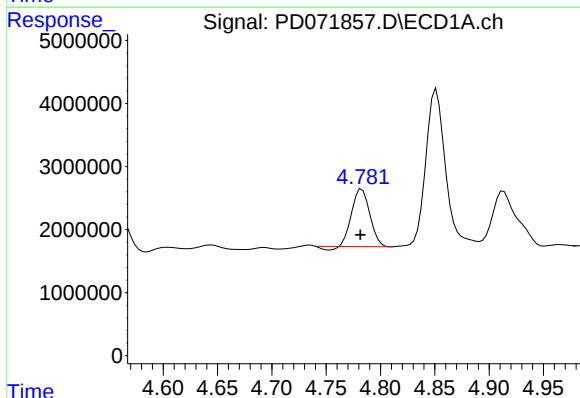
R.T.: 4.172 min  
Delta R.T.: -0.005 min  
Response: 10430299  
Conc: 2.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



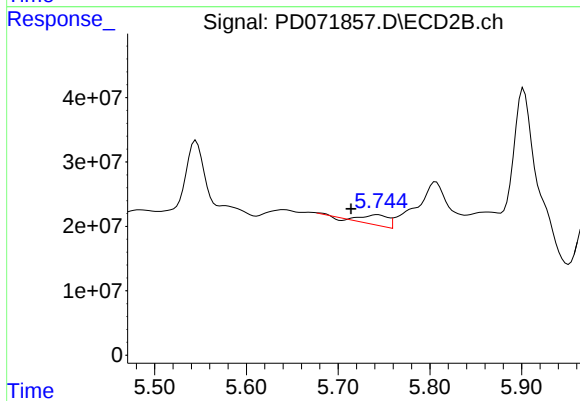
#7 delta-BHC

R.T.: 4.837 min  
Delta R.T.: 0.019 min  
Response: 95324761  
Conc: 4.08 ng/ml



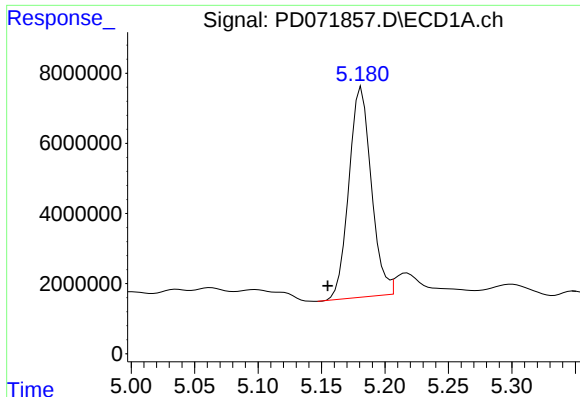
#8 Heptachlor epoxide

R.T.: 4.783 min  
Delta R.T.: 0.001 min  
Response: 10296552  
Conc: 3.15 ng/ml



#8 Heptachlor epoxide

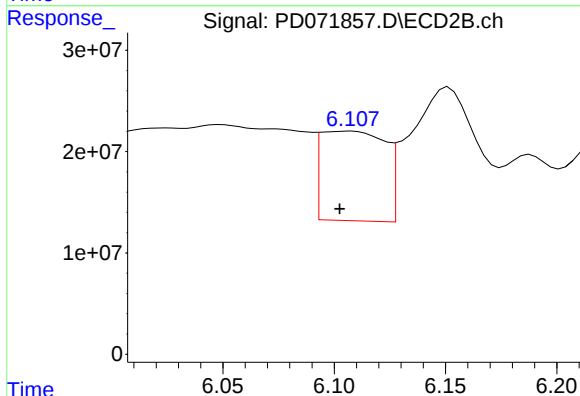
R.T.: 5.743 min  
Delta R.T.: 0.029 min  
Response: 30783035  
Conc: 2.00 ng/ml



#9 Endosulfan I

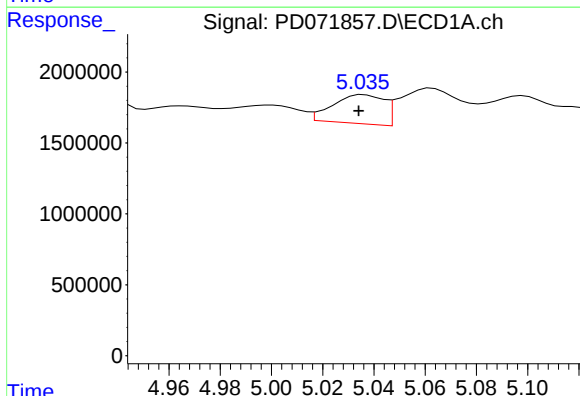
R.T.: 5.182 min  
Delta R.T.: 0.027 min  
Response: 73396264  
Conc: 23.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



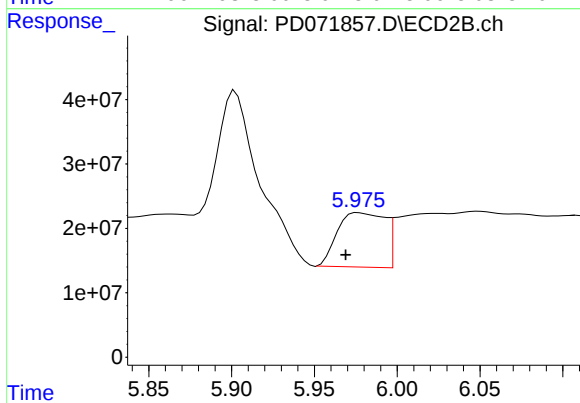
#9 Endosulfan I

R.T.: 6.107 min  
Delta R.T.: 0.005 min  
Response: 177001929  
Conc: 12.01 ng/ml



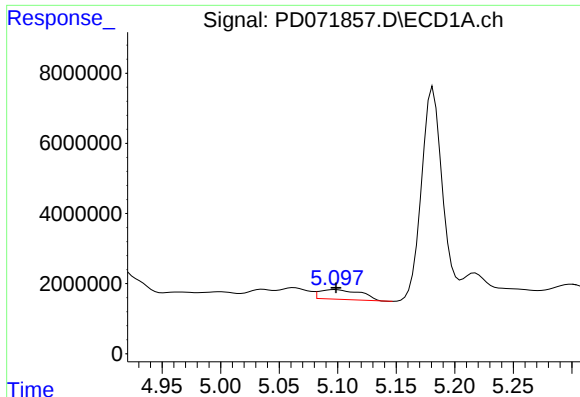
#10 gamma-Chlordane

R.T.: 5.036 min  
Delta R.T.: 0.002 min  
Response: 2836235  
Conc: 0.84 ng/ml



#10 gamma-Chlordane

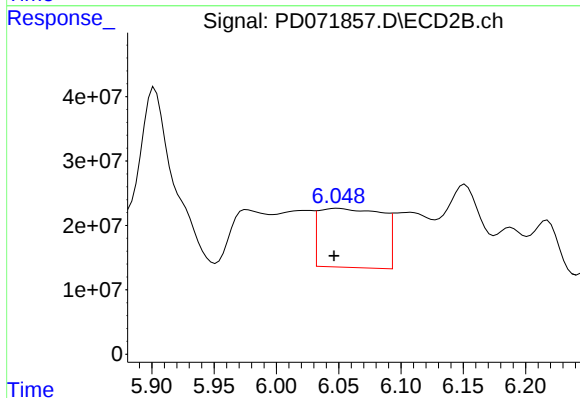
R.T.: 5.977 min  
Delta R.T.: 0.008 min  
Response: 168014492  
Conc: 10.46 ng/ml



#11 alpha-Chlordane

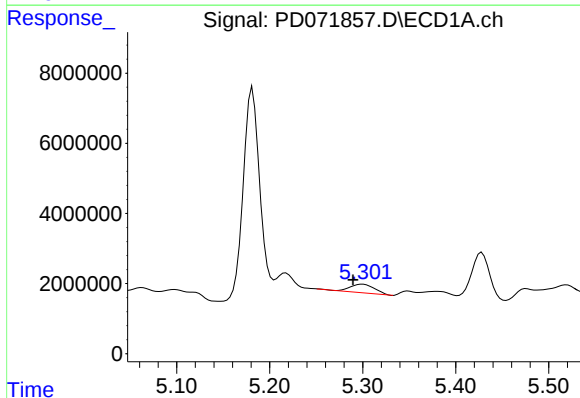
R.T.: 5.098 min  
Delta R.T.: 0.000 min  
Response: 6827665  
Conc: 2.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



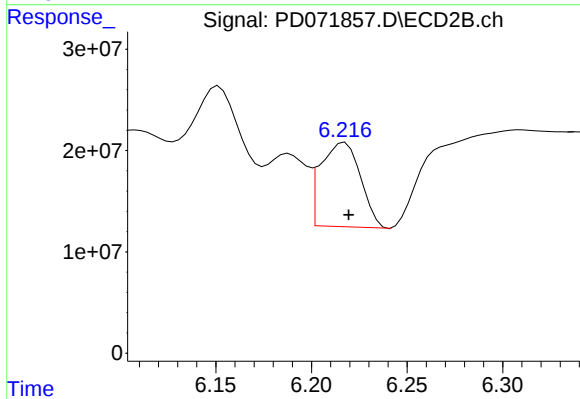
#11 alpha-Chlordane

R.T.: 6.049 min  
Delta R.T.: 0.003 min  
Response: 324379625  
Conc: 20.79 ng/ml



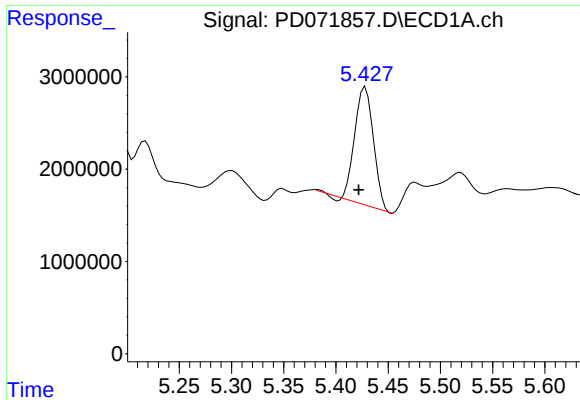
#12 4,4'-DDE

R.T.: 5.300 min  
Delta R.T.: 0.010 min  
Response: 4618399  
Conc: 1.51 ng/ml



#12 4,4'-DDE

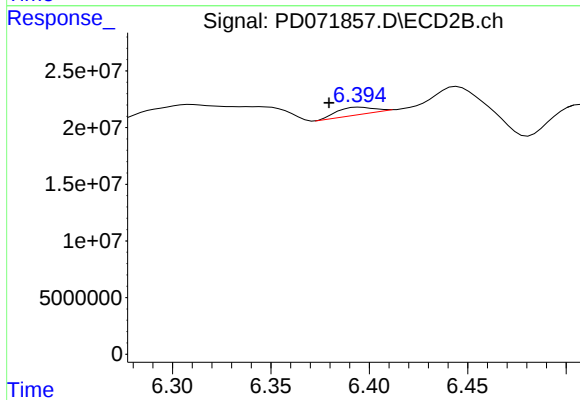
R.T.: 6.217 min  
Delta R.T.: -0.002 min  
Response: 120848607  
Conc: 8.20 ng/ml



#13 Dieldrin

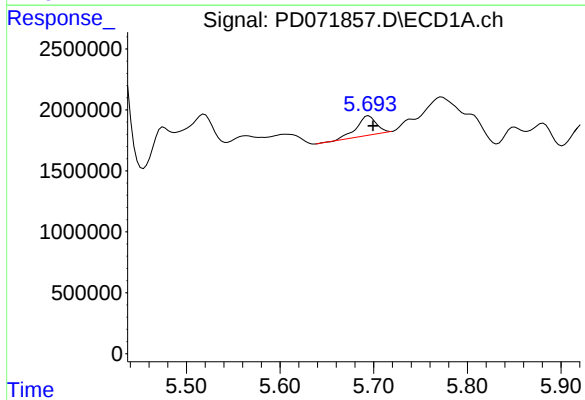
R.T.: 5.428 min  
Delta R.T.: 0.006 min  
Response: 16002501  
Conc: 4.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



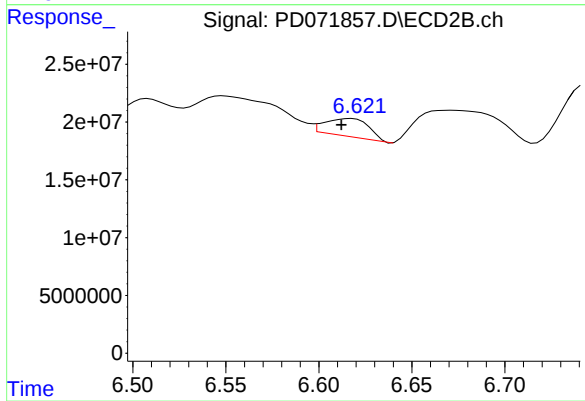
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: 0.016 min  
Response: 8404749  
Conc: 0.55 ng/ml



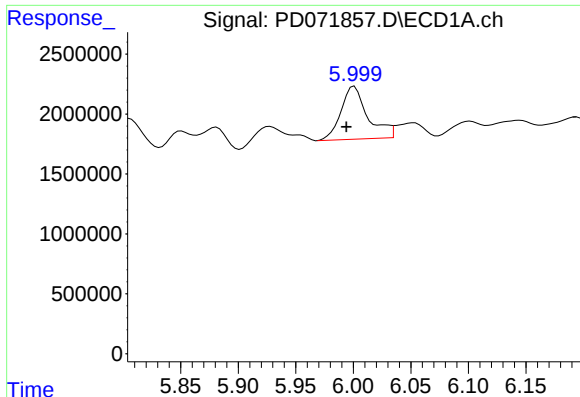
#14 Endrin

R.T.: 5.695 min  
Delta R.T.: -0.005 min  
Response: 2336454  
Conc: 0.79 ng/ml



#14 Endrin

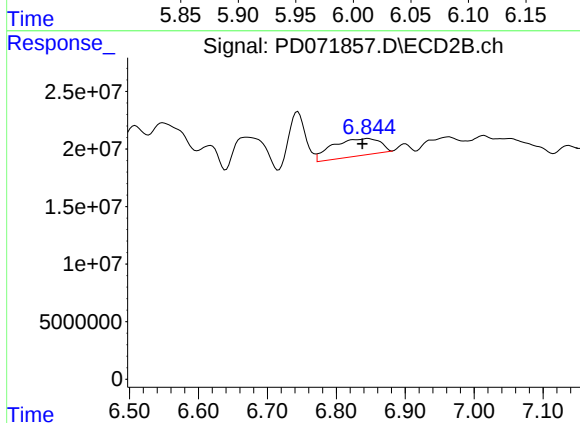
R.T.: 6.617 min  
Delta R.T.: 0.005 min  
Response: 25435548  
Conc: 2.01 ng/ml



#15 Endosulfan II

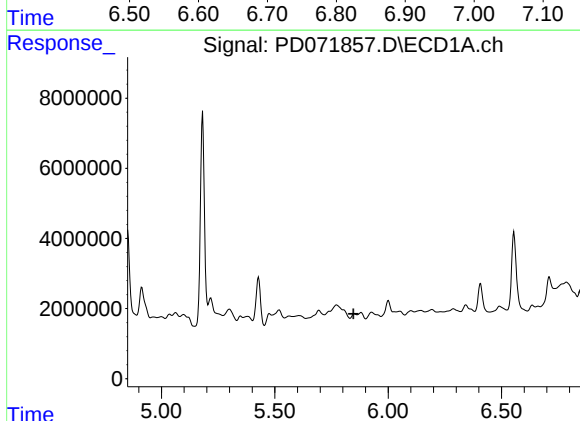
R.T.: 6.001 min  
Delta R.T.: 0.007 min  
Response: 7161531  
Conc: 2.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



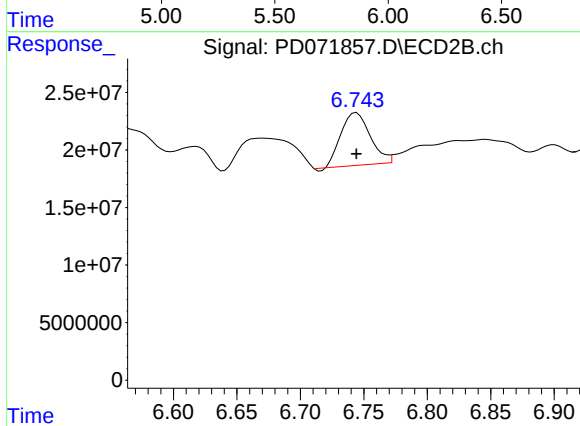
#15 Endosulfan II

R.T.: 6.846 min  
Delta R.T.: 0.008 min  
Response: 73734229  
Conc: 5.95 ng/ml



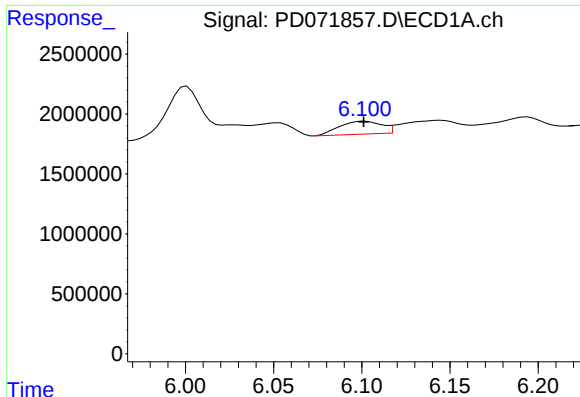
#16 4,4'-DDD

R.T.: 5.851 min  
Delta R.T.: 0.003 min  
Response: -1086834  
Conc: N.D.



#16 4,4'-DDD

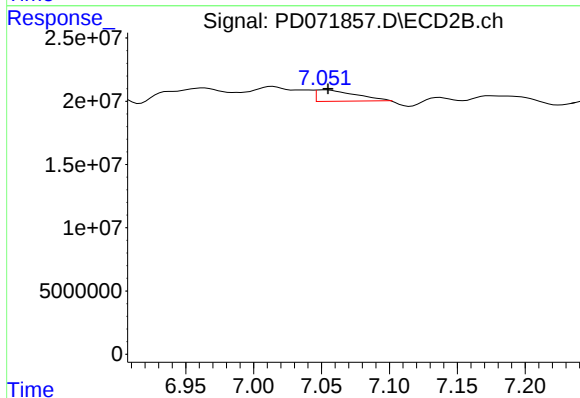
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 73125809  
Conc: 6.15 ng/ml



#17 4,4'-DDT

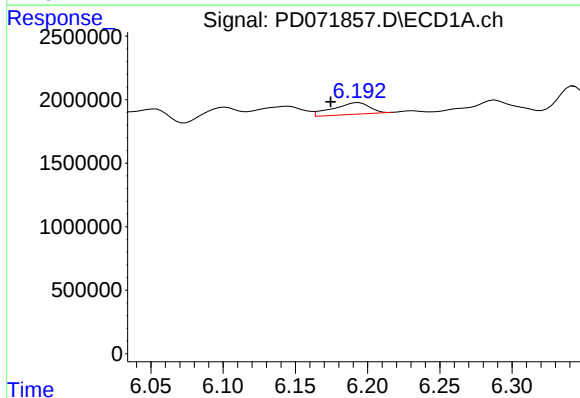
R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 1780782  
Conc: 0.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



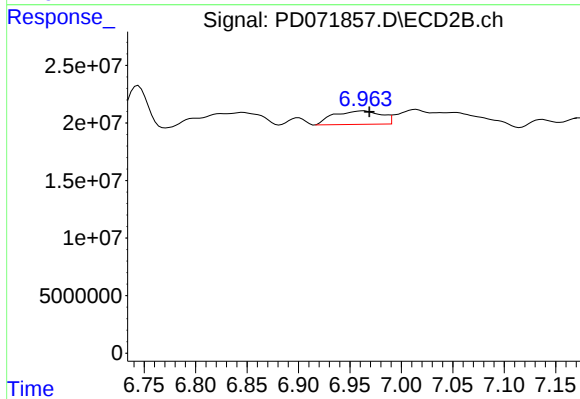
#17 4,4'-DDT

R.T.: 7.052 min  
Delta R.T.: -0.002 min  
Response: 18126546  
Conc: 1.47 ng/ml



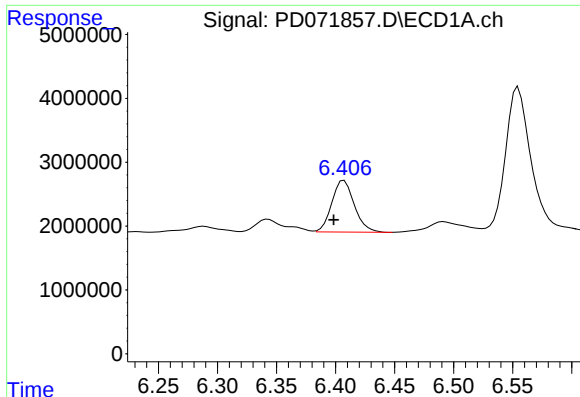
#18 Endrin aldehyde

R.T.: 6.193 min  
Delta R.T.: 0.019 min  
Response: 1610364  
Conc: 0.73 ng/ml



#18 Endrin aldehyde

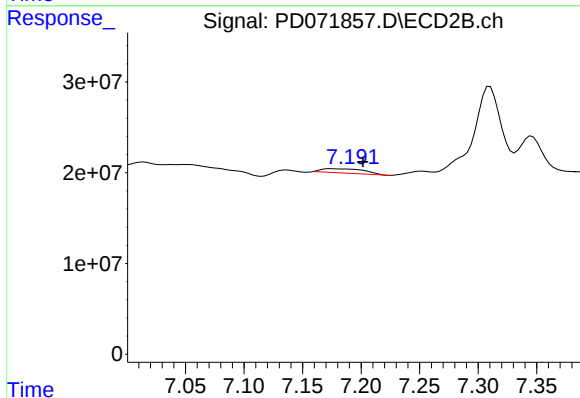
R.T.: 6.963 min  
Delta R.T.: -0.006 min  
Response: 37570376  
Conc: 3.89 ng/ml



#19 Endosulfan Sulfate

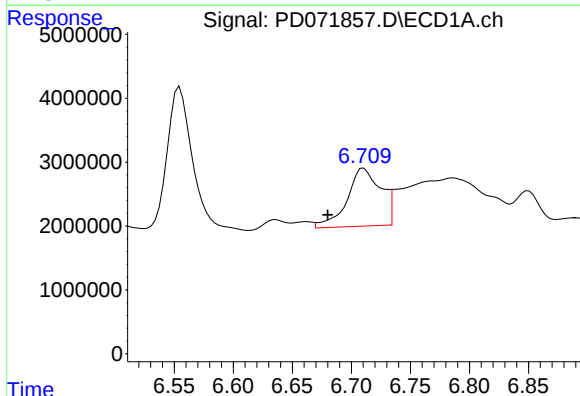
R.T.: 6.407 min  
Delta R.T.: 0.009 min  
Response: 10725268  
Conc: 4.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



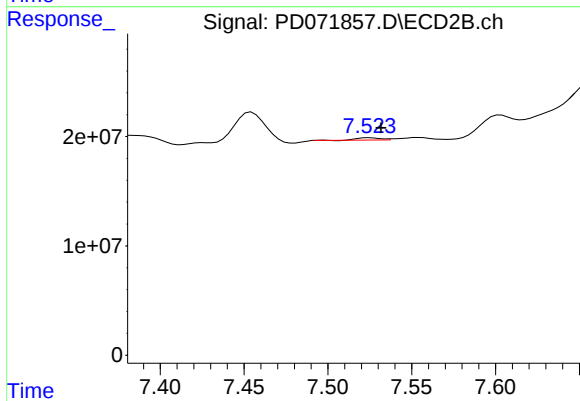
#19 Endosulfan Sulfate

R.T.: 7.175 min  
Delta R.T.: -0.027 min  
Response: 11851390  
Conc: 1.06 ng/ml



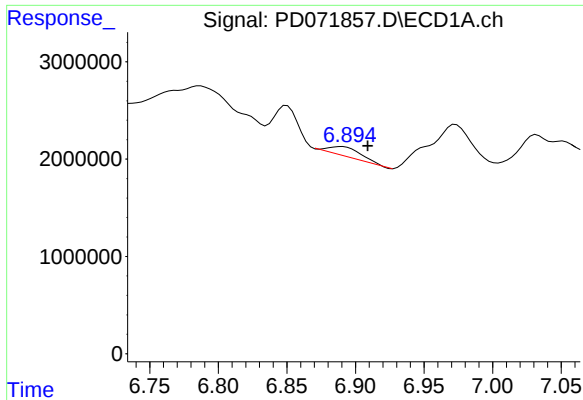
#20 Methoxychlor

R.T.: 6.711 min  
Delta R.T.: 0.031 min  
Response: 17991992  
Conc: 12.02 ng/ml



#20 Methoxychlor

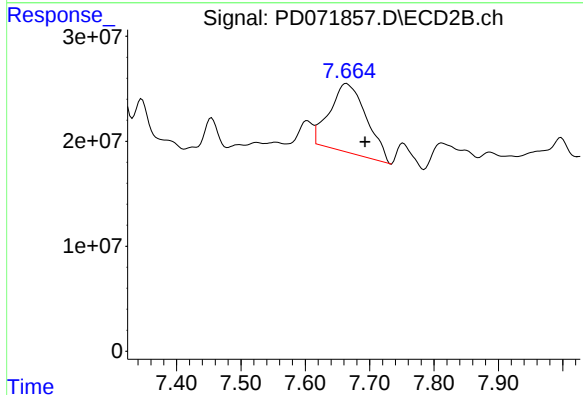
R.T.: 7.525 min  
Delta R.T.: -0.007 min  
Response: 2139040  
Conc: 0.35 ng/ml



#21 Endrin ketone

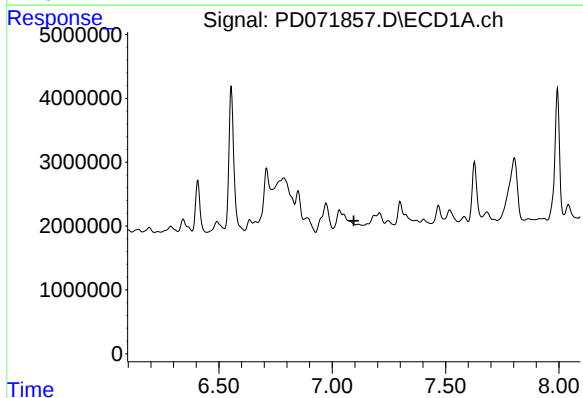
R.T.: 6.889 min  
Delta R.T.: -0.020 min  
Response: 1611662  
Conc: 0.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



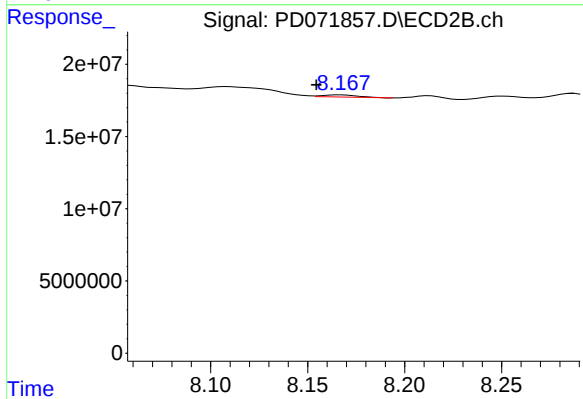
#21 Endrin ketone

R.T.: 7.664 min  
Delta R.T.: -0.029 min  
Response: 260968824  
Conc: 20.98 ng/ml



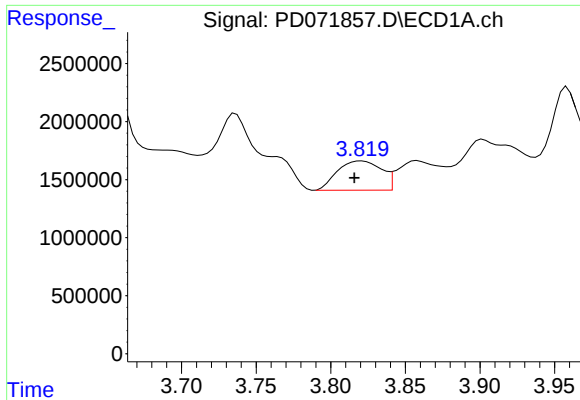
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.095 min  
Response: 0  
Conc: N.D.



#22 Mirex

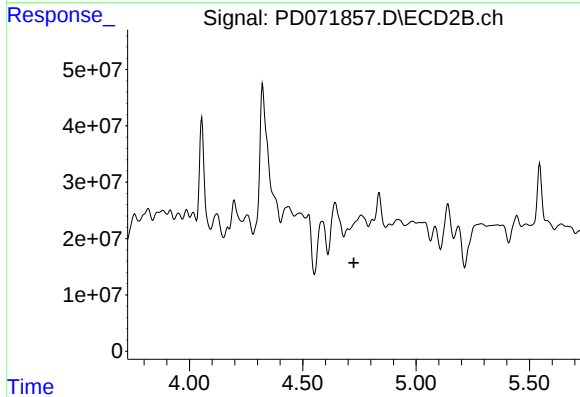
R.T.: 8.167 min  
Delta R.T.: 0.012 min  
Response: 1877277  
Conc: 0.22 ng/ml



#23 Chlordane-1

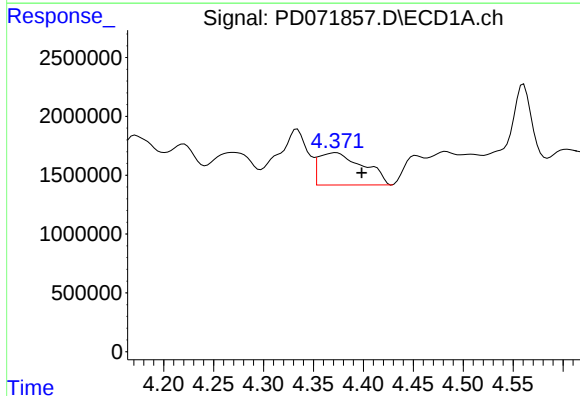
R.T.: 3.821 min  
Delta R.T.: 0.005 min  
Response: 5193315  
Conc: 51.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



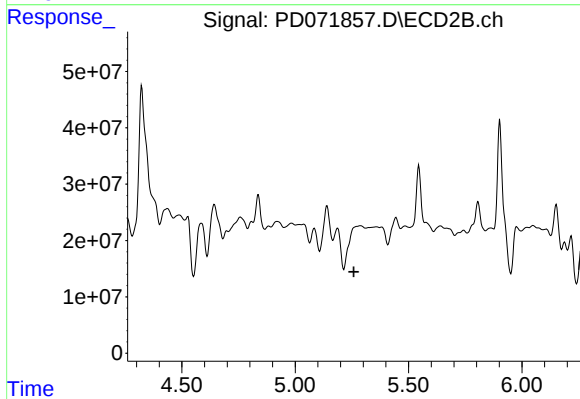
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.725 min  
Response: 0  
Conc: N.D.



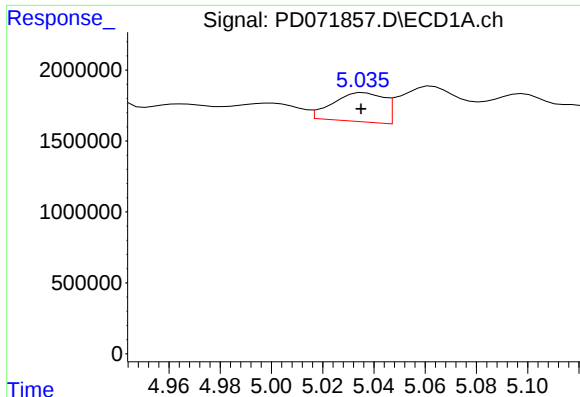
#24 Chlordane-2

R.T.: 4.373 min  
Delta R.T.: -0.026 min  
Response: 8477288  
Conc: 69.47 ng/ml



#24 Chlordane-2

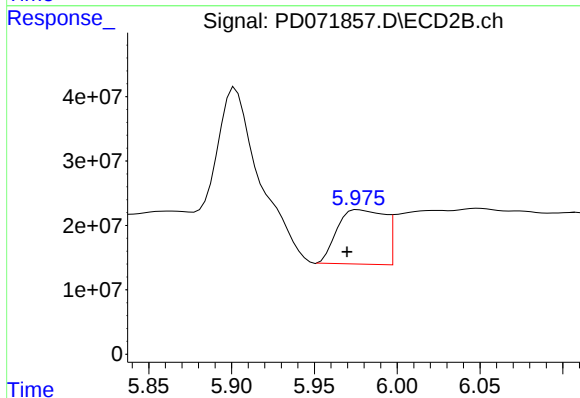
R.T.: 5.288 min  
Delta R.T.: 0.029 min  
Response: -58417409  
Conc: N.D.



#25 Chlordane-3

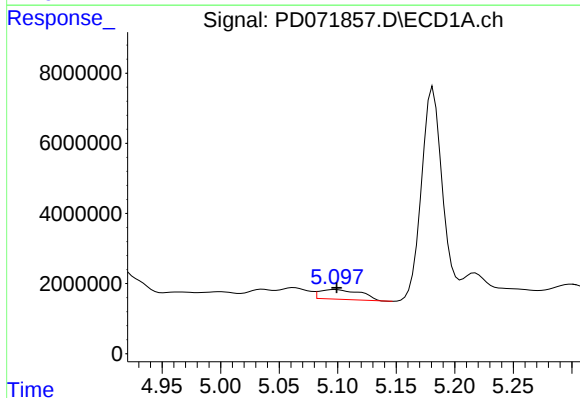
R.T.: 5.036 min  
Delta R.T.: 0.001 min  
Response: 2836235  
Conc: 8.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



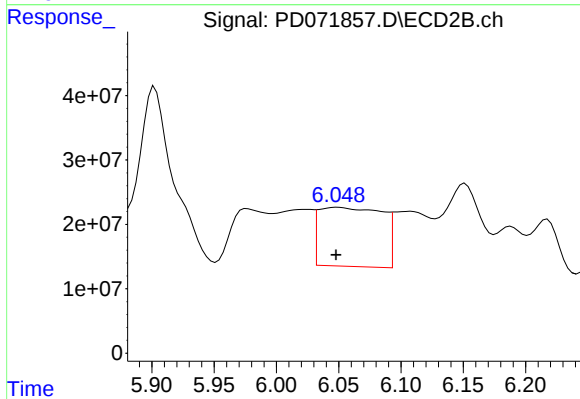
#25 Chlordane-3

R.T.: 5.977 min  
Delta R.T.: 0.008 min  
Response: 168014492  
Conc: 76.48 ng/ml



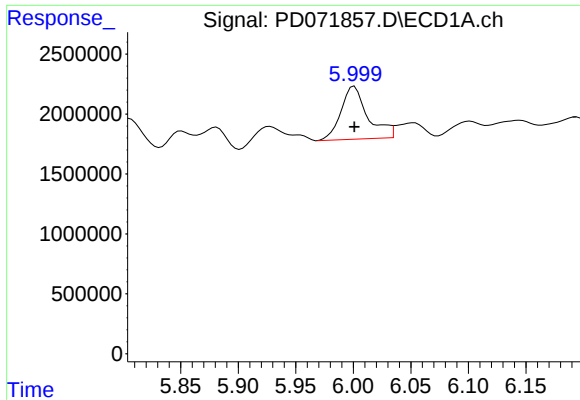
#26 Chlordane-4

R.T.: 5.098 min  
Delta R.T.: 0.000 min  
Response: 6827665  
Conc: 21.73 ng/ml



#26 Chlordane-4

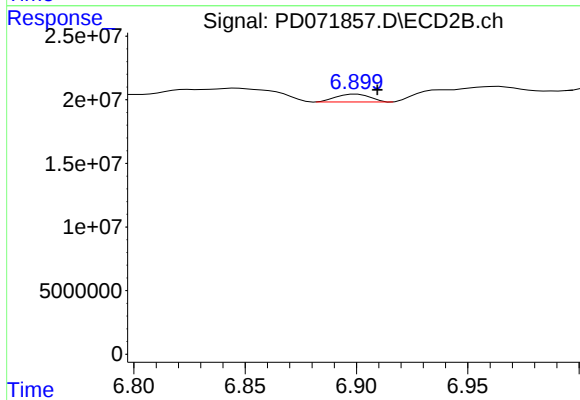
R.T.: 6.049 min  
Delta R.T.: 0.001 min  
Response: 324379625  
Conc: 126.23 ng/ml



#27 Chlordane-5

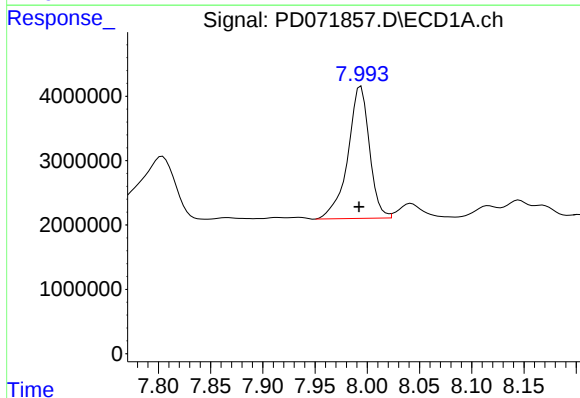
R.T.: 6.001 min  
Delta R.T.: 0.000 min  
Response: 7161531  
Conc: 57.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



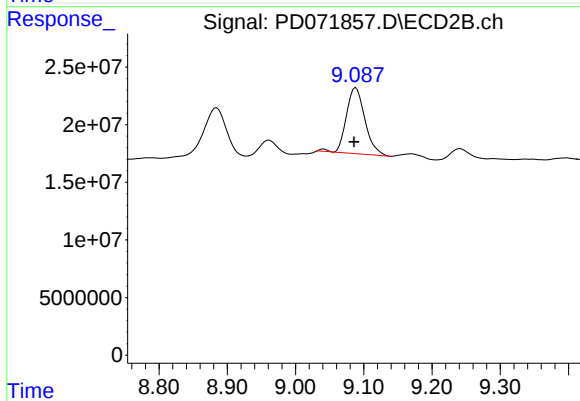
#27 Chlordane-5

R.T.: 6.900 min  
Delta R.T.: -0.009 min  
Response: 6598769  
Conc: 13.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: 0.002 min  
Response: 29470957  
Conc: 11.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.002 min  
Response: 108160864  
Conc: 11.63 ng/ml