

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
 Data File : PD072582.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 09:45  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 22:33:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 04:17:06 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... | 2.707  | 3.465  | 48471271 | 552.8E6  | 19.454  | 16.621   |
| 28)                         | SA Decachlor... | 7.840  | 8.921  | 43348454 | 164.6E6  | 19.260  | 18.292   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.211  | 3.930  | 37137952 | 389.1E6  | 9.431   | 8.498    |
| 3)                          | MA gamma-BHC... | 3.542  | 4.264  | 33808640 | 316.6E6  | 10.363  | 8.604    |
| 4)                          | MA Heptachlor   | 3.844f | 4.817  | 17033650 | 3854080  | 4.761   | 0.147 #  |
| 5)                          | MB Aldrin       | 4.174f | 5.156f | 158949   | 192585   | 0.046   | 0.009 #  |
| 6)                          | B beta-BHC      | 3.844  | 4.479  | 17033650 | 124.1E6  | 10.704  | 8.733    |
| 7)                          | B delta-BHC     | 0.000  | 4.721  | 0        | 298567   | N.D.    | 0.011 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.596  | 0        | 2100518  | N.D.    | 0.121 #  |
| 9)                          | A Endosulfan I  | 5.031  | 0.000  | 90294    | 0        | 0.031   | N.D. #   |
| 10)                         | B gamma-Chl...  | 4.911  | 5.883f | 267607   | 422564   | 0.084   | 0.026 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.923  | 0        | 692560   | N.D.    | 0.043 #  |
| 12)                         | B 4,4'-DDE      | 5.158  | 6.106  | 954697   | 2163859  | 0.320   | 0.141 #  |
| 14)                         | MA Endrin       | 5.571  | 6.495  | 119.7E6  | 475.6E6  | 44.084  | 35.610   |
| 15)                         | B Endosulfa...  | 5.883  | 6.727  | 542696   | 7239799  | 0.222   | 0.589 #  |
| 16)                         | A 4,4'-DDD      | 5.718  | 6.629  | 4843556  | 27085465 | 1.974   | 2.198    |
| 17)                         | MA 4,4'-DDT     | 5.967  | 6.937  | 243.2E6  | 928.0E6  | 103.855 | 77.847 # |
| 18)                         | B Endrin al...  | 6.052  | 6.856  | 4623276  | 23216226 | 2.351   | 2.405    |
| 19)                         | B Endosulfa...  | 6.261  | 0.000  | 199619   | 0        | 0.079   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.550  | 7.416  | 309.6E6  | 1104.2E6 | 230.125 | 186.489  |
| 21)                         | B Endrin ke...  | 6.784  | 7.579  | 12299660 | 48624818 | 4.117   | 3.897    |
| 22)                         | Mirex           | 0.000  | 8.040  | 0        | 1240712  | N.D.    | 0.149 #  |
| 23)                         | Chlordane-1     | 0.000  | 4.645f | 0        | 132569   | N.D.    | 0.127 #  |
| 24)                         | Chlordane-2     | 0.000  | 5.156  | 0        | 192585   | N.D.    | 0.241 #  |
| 25)                         | Chlordane-3     | 4.911  | 5.883f | 267607   | 422564   | 0.770   | 0.180 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.923  | 0        | 692560   | N.D.    | 0.253 #  |
| 27)                         | Chlordane-5     | 5.883f | 0.000  | 542696   | 0        | 4.704   | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

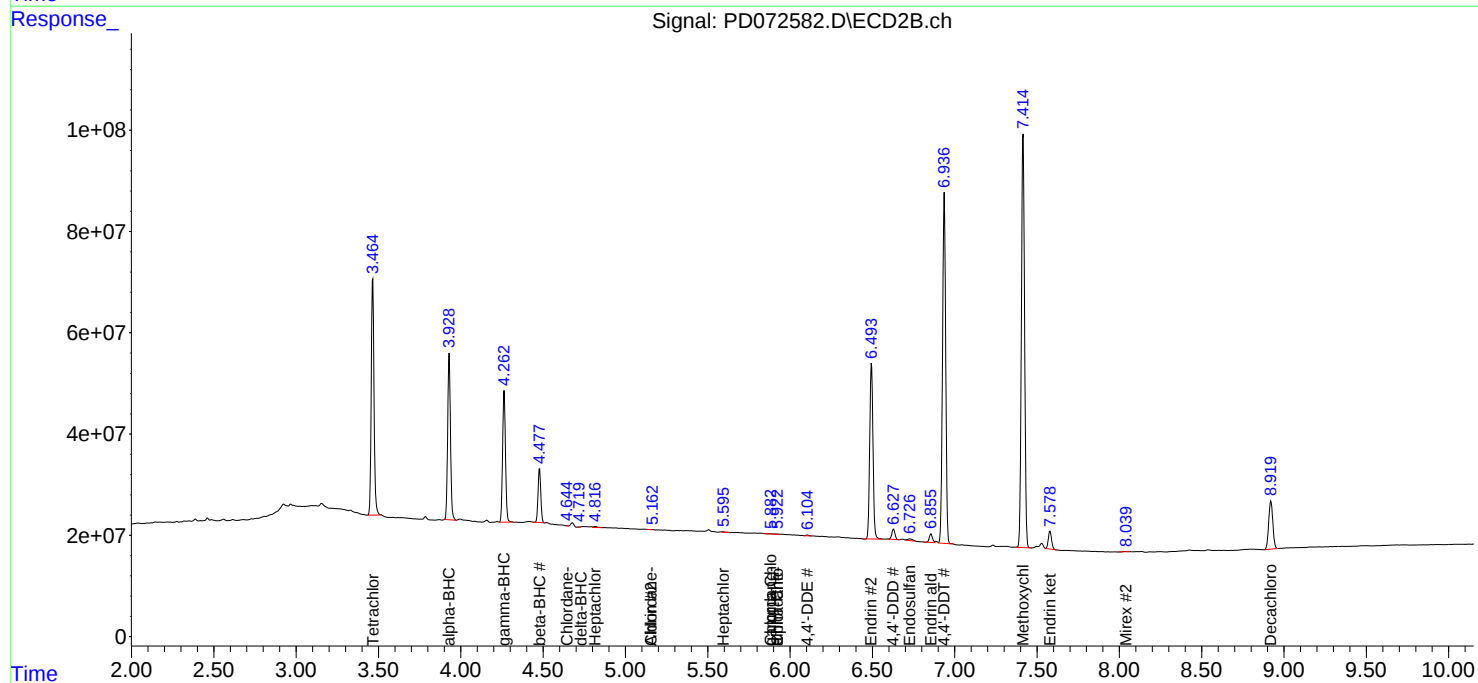
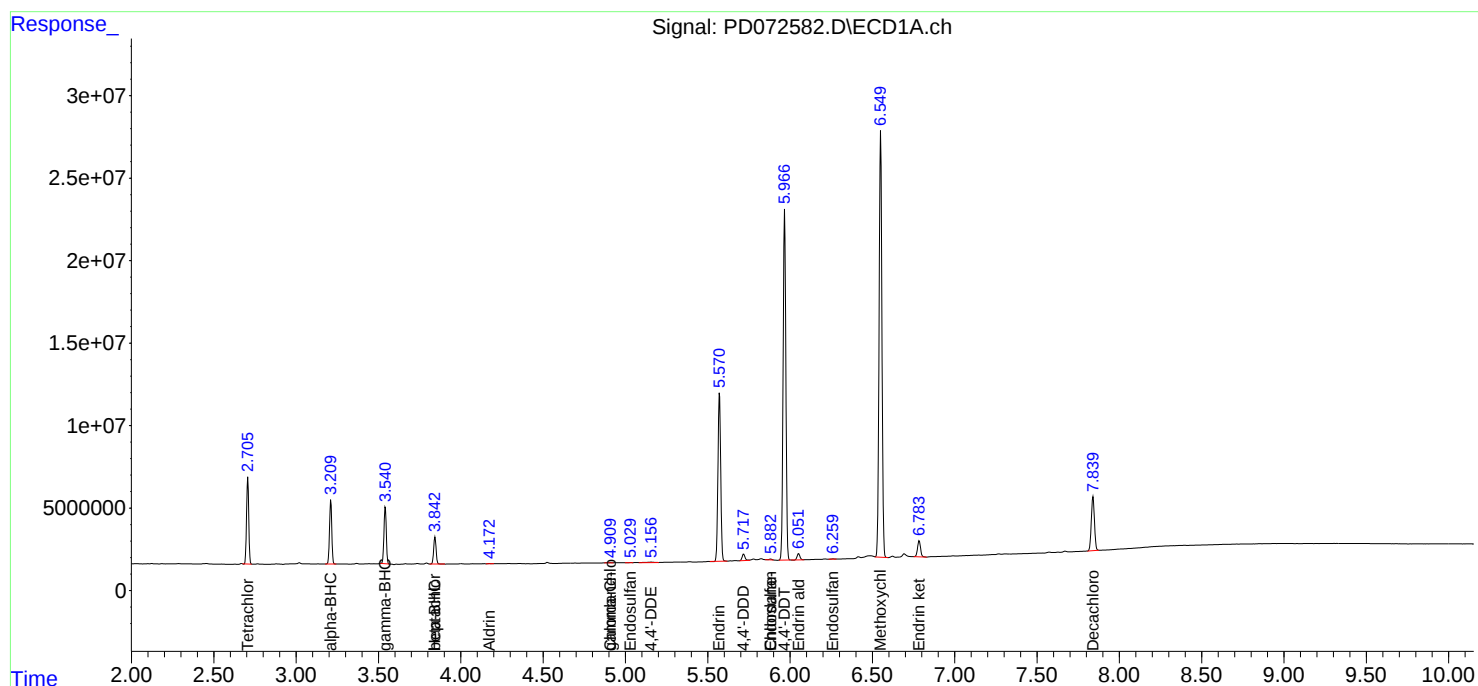
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

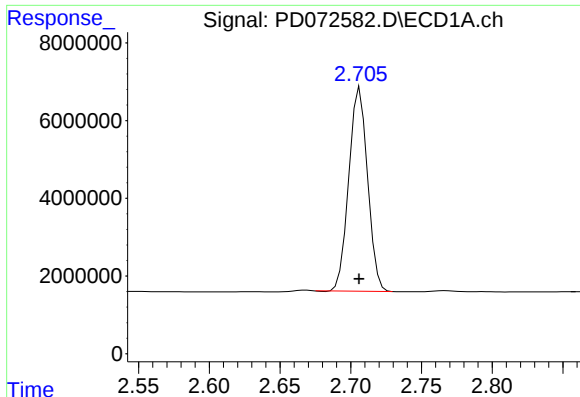
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
Data File : PD072582.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2022 09:45  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 22:33:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 04:17:06 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

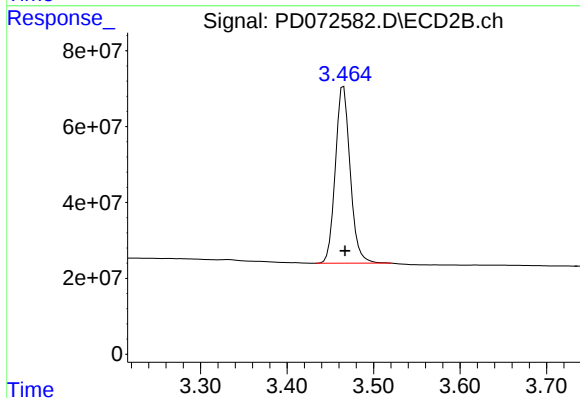




#1 Tetrachloro-m-xylene

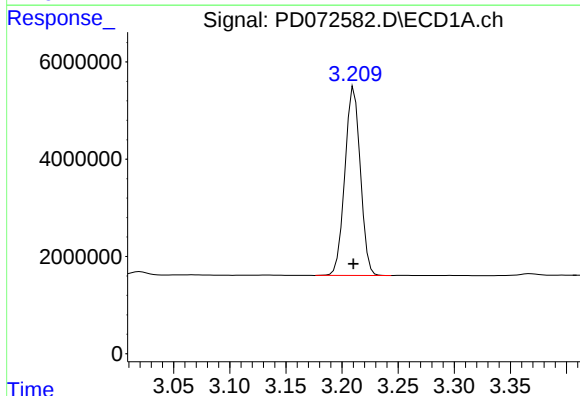
R.T.: 2.707 min  
Delta R.T.: 0.000 min  
Response: 48471271  
Conc: 19.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



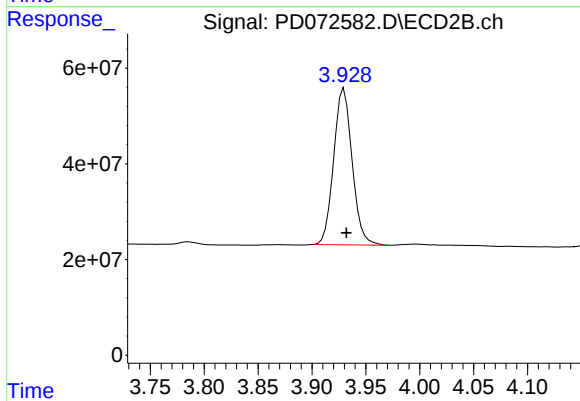
#1 Tetrachloro-m-xylene

R.T.: 3.465 min  
Delta R.T.: -0.002 min  
Response: 552773780  
Conc: 16.62 ng/ml



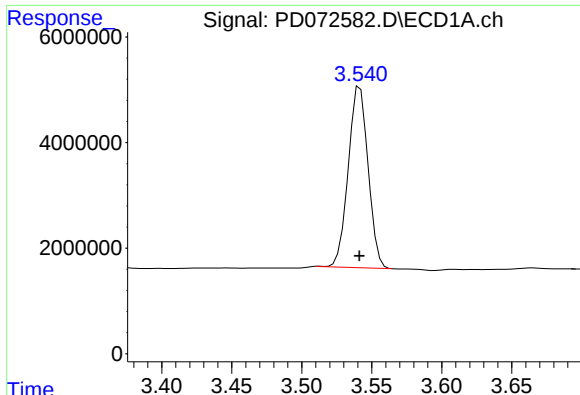
#2 alpha-BHC

R.T.: 3.211 min  
Delta R.T.: 0.000 min  
Response: 37137952  
Conc: 9.43 ng/ml



#2 alpha-BHC

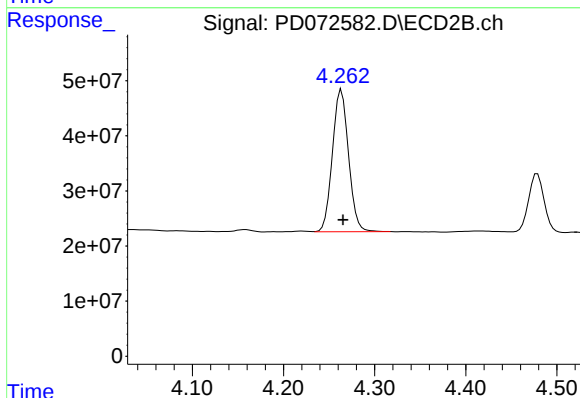
R.T.: 3.930 min  
Delta R.T.: -0.002 min  
Response: 389134692  
Conc: 8.50 ng/ml



#3 gamma-BHC (Lindane)

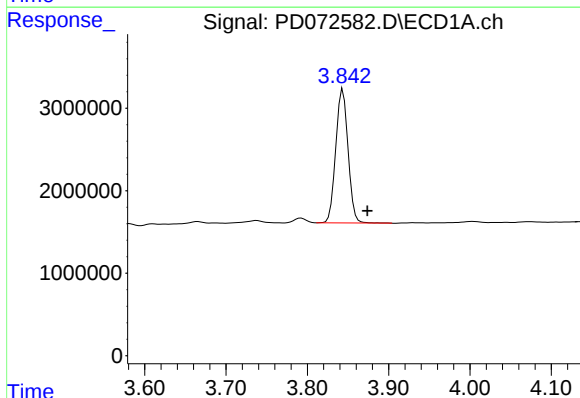
R.T.: 3.542 min  
Delta R.T.: 0.000 min  
Response: 33808640  
Conc: 10.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



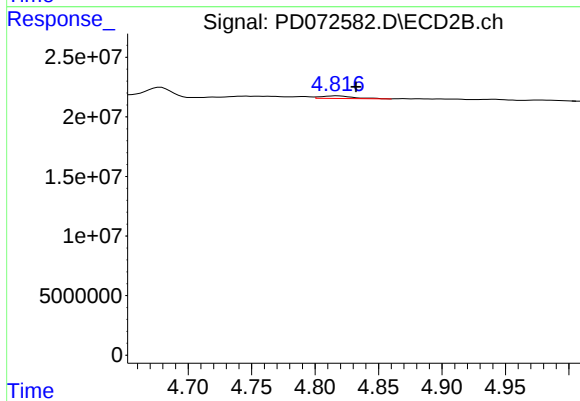
#3 gamma-BHC (Lindane)

R.T.: 4.264 min  
Delta R.T.: -0.002 min  
Response: 316645217  
Conc: 8.60 ng/ml



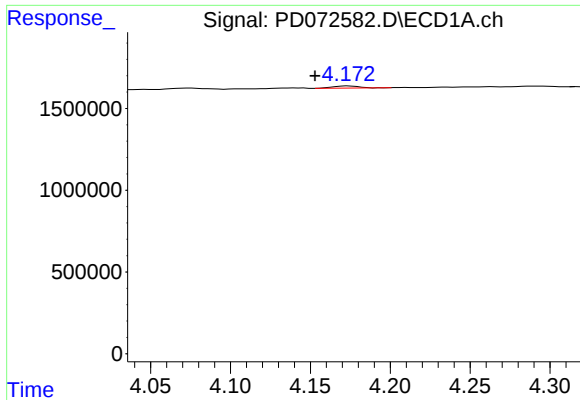
#4 Heptachlor

R.T.: 3.844 min  
Delta R.T.: -0.030 min  
Response: 17033650  
Conc: 4.76 ng/ml



#4 Heptachlor

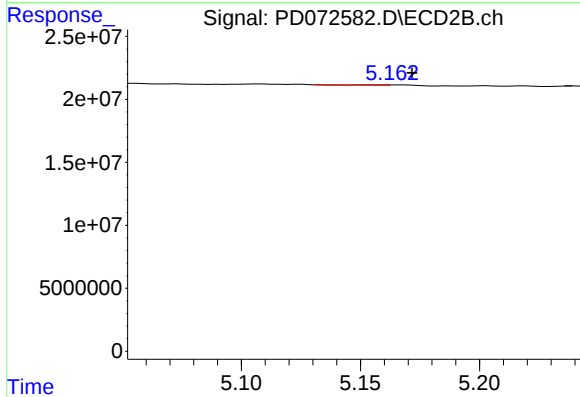
R.T.: 4.817 min  
Delta R.T.: -0.015 min  
Response: 3854080  
Conc: 0.15 ng/ml



#5 Aldrin

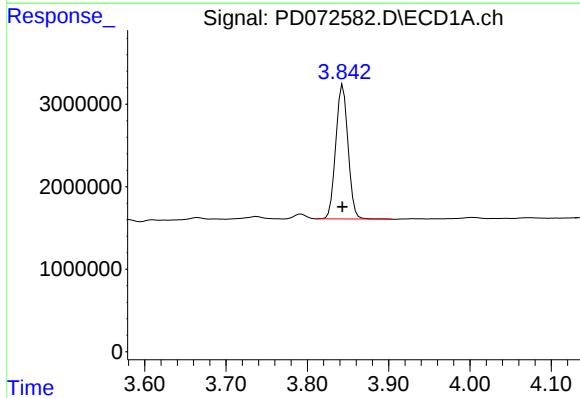
R.T.: 4.174 min  
Delta R.T.: 0.021 min  
Response: 158949  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



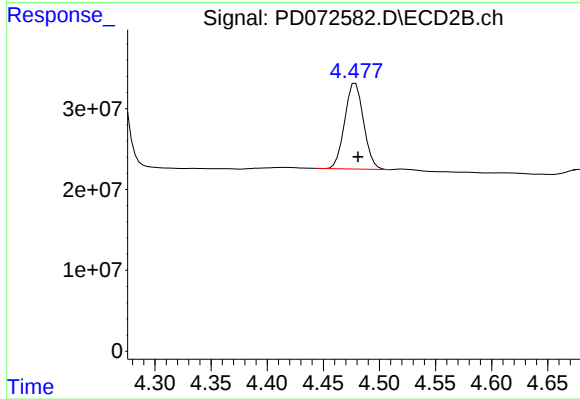
#5 Aldrin

R.T.: 5.156 min  
Delta R.T.: -0.016 min  
Response: 192585  
Conc: 0.01 ng/ml



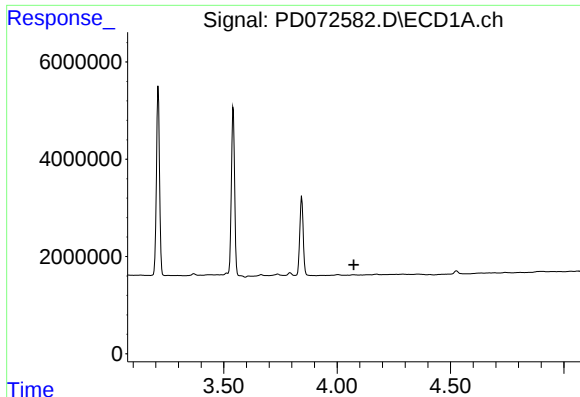
#6 beta-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 17033650  
Conc: 10.70 ng/ml



#6 beta-BHC

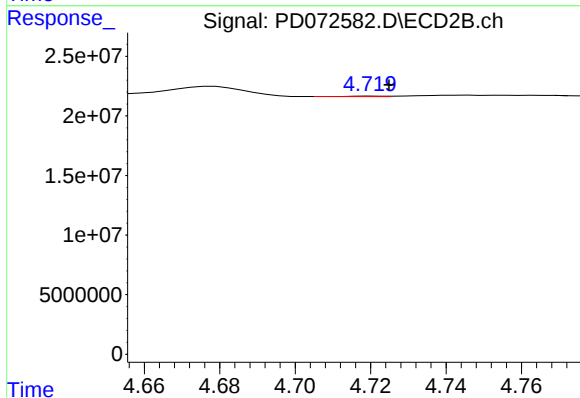
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 124134718  
Conc: 8.73 ng/ml



#7 delta-BHC

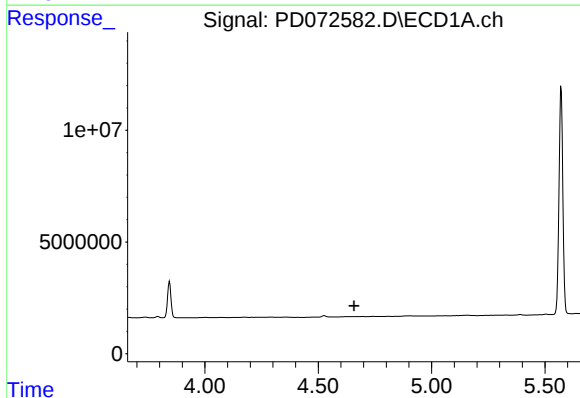
R.T.: 0.000 min  
Exp R.T.: 4.073 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



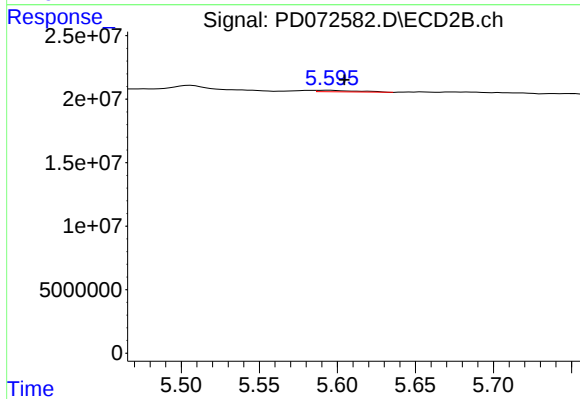
#7 delta-BHC

R.T.: 4.721 min  
Delta R.T.: -0.004 min  
Response: 298567  
Conc: 0.01 ng/ml



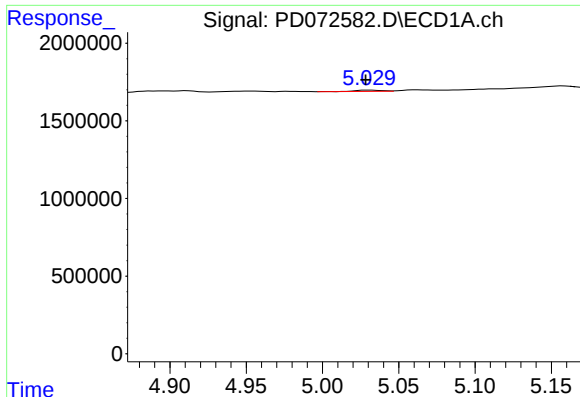
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 4.659 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

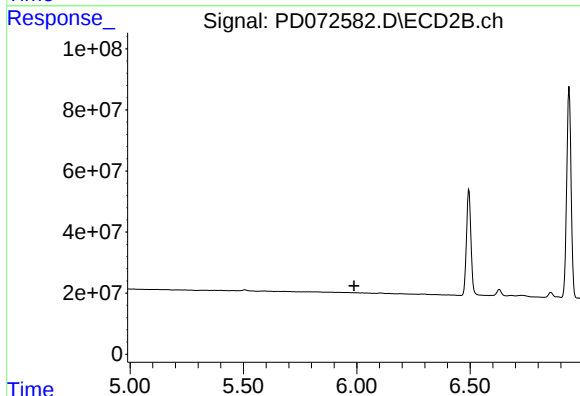
R.T.: 5.596 min  
Delta R.T.: -0.009 min  
Response: 2100518  
Conc: 0.12 ng/ml



#9 Endosulfan I

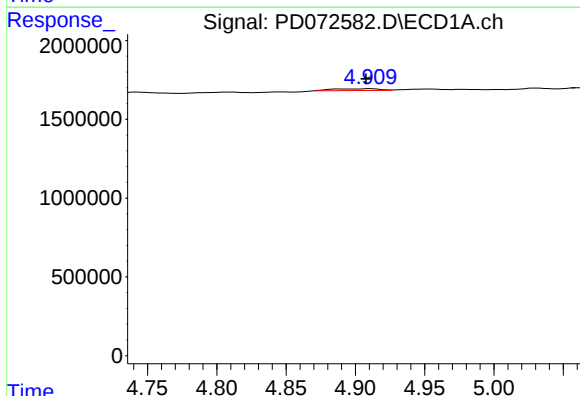
R.T.: 5.031 min  
Delta R.T.: 0.003 min  
Response: 90294  
Conc: 0.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



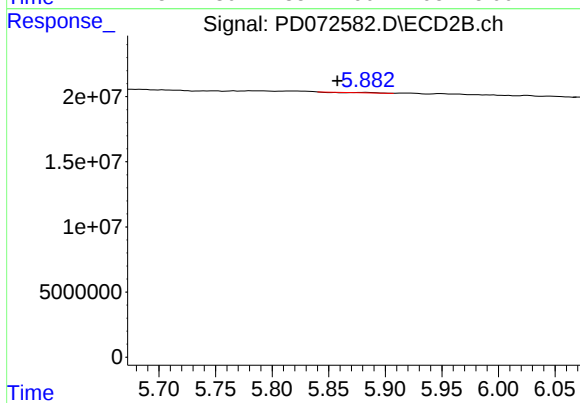
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.989 min  
Response: 0  
Conc: N.D.



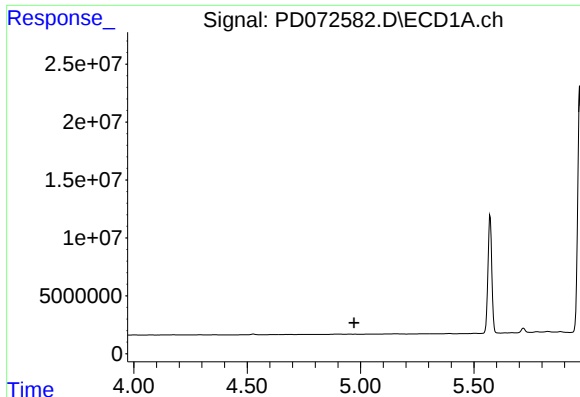
#10 gamma-Chlordane

R.T.: 4.911 min  
Delta R.T.: 0.003 min  
Response: 267607  
Conc: 0.08 ng/ml



#10 gamma-Chlordane

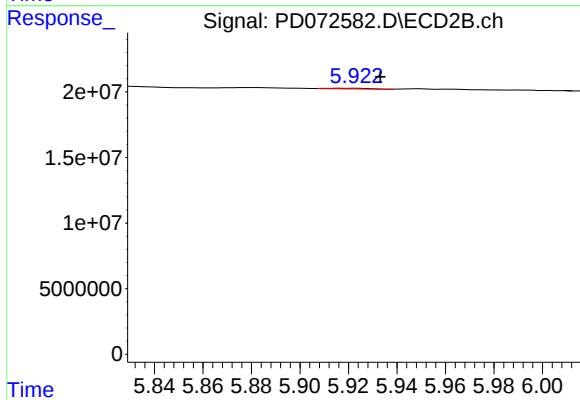
R.T.: 5.883 min  
Delta R.T.: 0.026 min  
Response: 422564  
Conc: 0.03 ng/ml



#11 alpha-Chlordane

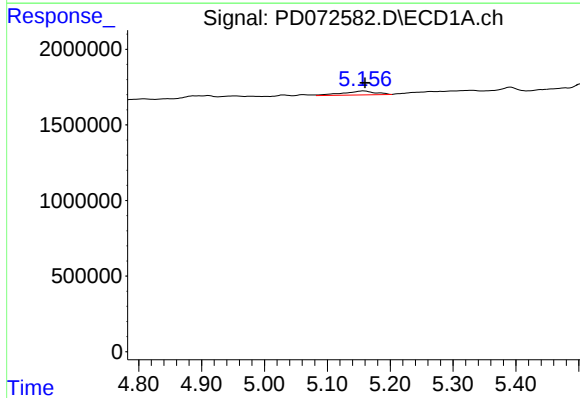
R.T.: 0.000 min  
Exp R.T.: 4.971 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



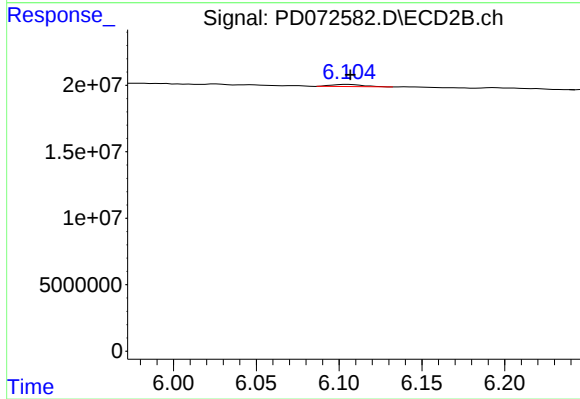
#11 alpha-Chlordane

R.T.: 5.923 min  
Delta R.T.: -0.010 min  
Response: 692560  
Conc: 0.04 ng/ml



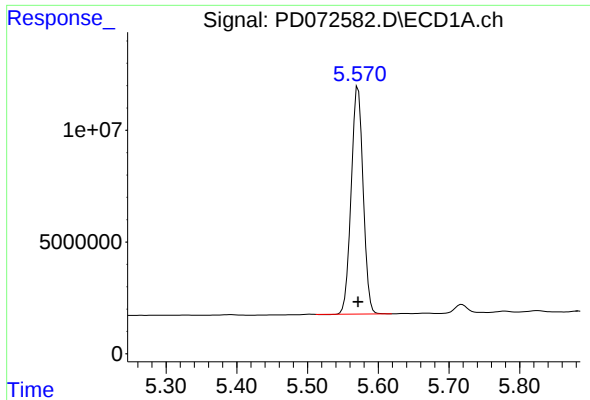
#12 4,4'-DDE

R.T.: 5.158 min  
Delta R.T.: -0.002 min  
Response: 954697  
Conc: 0.32 ng/ml



#12 4,4'-DDE

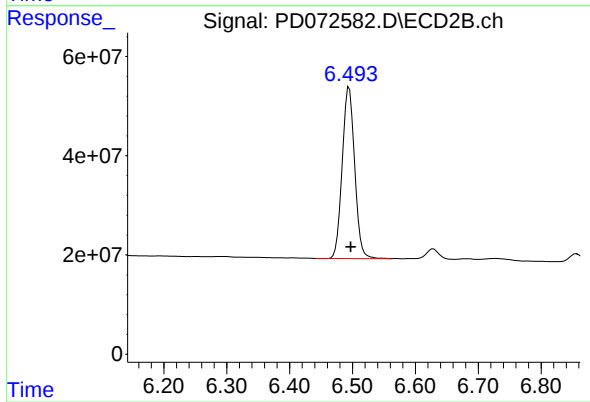
R.T.: 6.106 min  
Delta R.T.: -0.001 min  
Response: 2163859  
Conc: 0.14 ng/ml



#14 Endrin

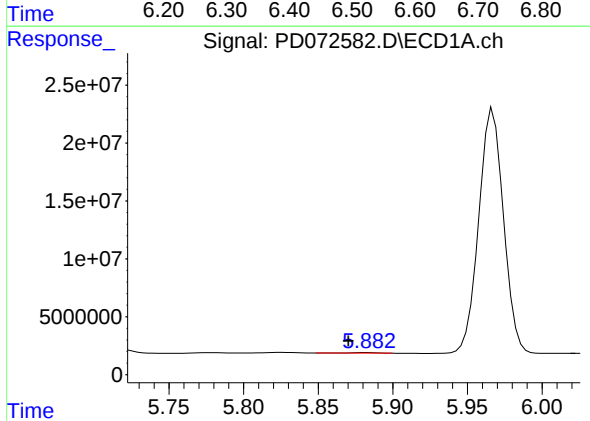
R.T.: 5.571 min  
Delta R.T.: 0.000 min  
Response: 119697642  
Conc: 44.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



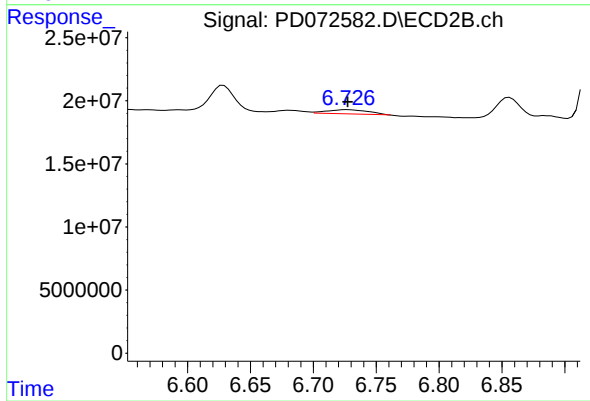
#14 Endrin

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 475592836  
Conc: 35.61 ng/ml



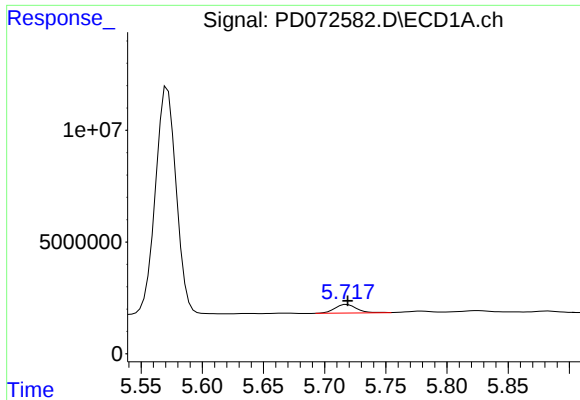
#15 Endosulfan II

R.T.: 5.883 min  
Delta R.T.: 0.013 min  
Response: 542696  
Conc: 0.22 ng/ml



#15 Endosulfan II

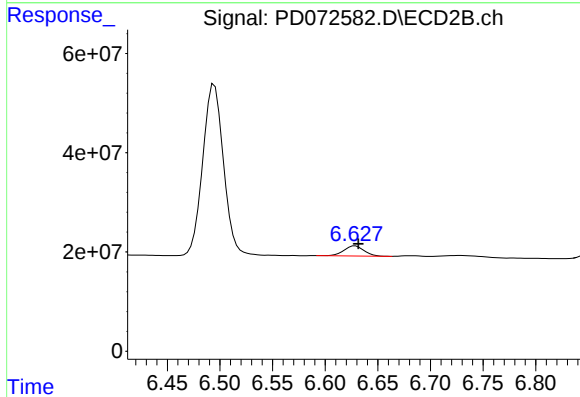
R.T.: 6.727 min  
Delta R.T.: 0.000 min  
Response: 7239799  
Conc: 0.59 ng/ml



#16 4,4'-DDD

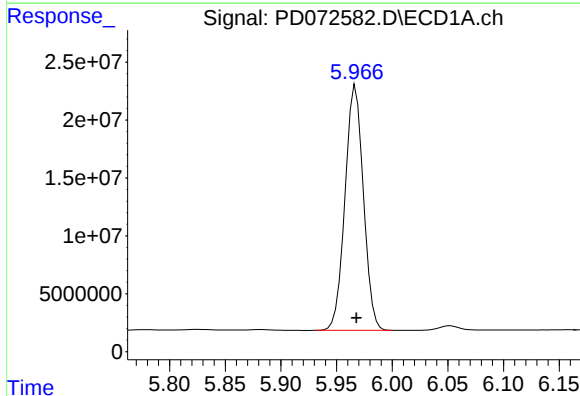
R.T.: 5.718 min  
Delta R.T.: 0.000 min  
Response: 4843556  
Conc: 1.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



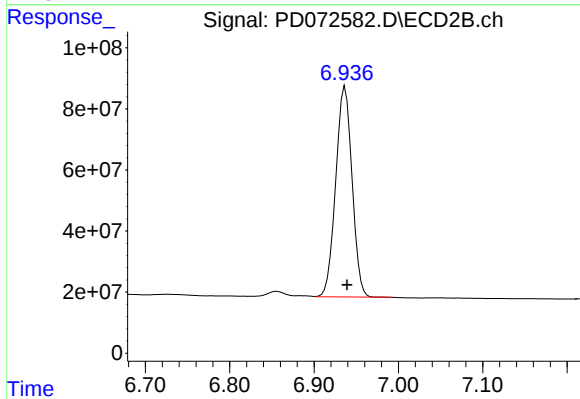
#16 4,4'-DDD

R.T.: 6.629 min  
Delta R.T.: -0.003 min  
Response: 27085465  
Conc: 2.20 ng/ml



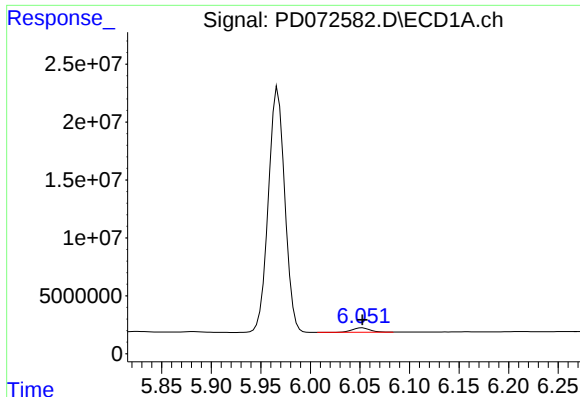
#17 4,4'-DDT

R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 243246313  
Conc: 103.86 ng/ml



#17 4,4'-DDT

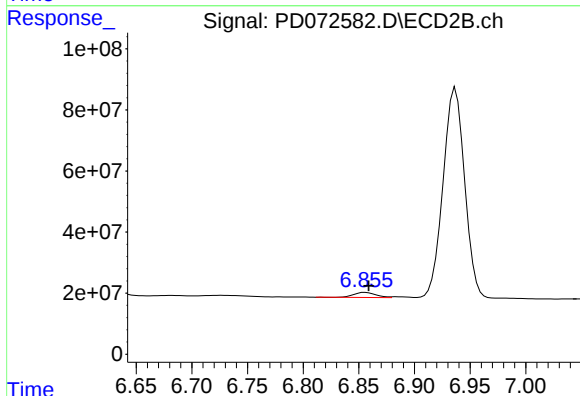
R.T.: 6.937 min  
Delta R.T.: -0.002 min  
Response: 928048595  
Conc: 77.85 ng/ml



#18 Endrin aldehyde

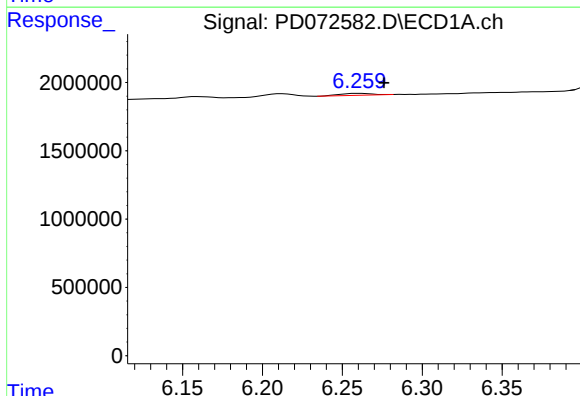
R.T.: 6.052 min  
Delta R.T.: 0.000 min  
Response: 4623276  
Conc: 2.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



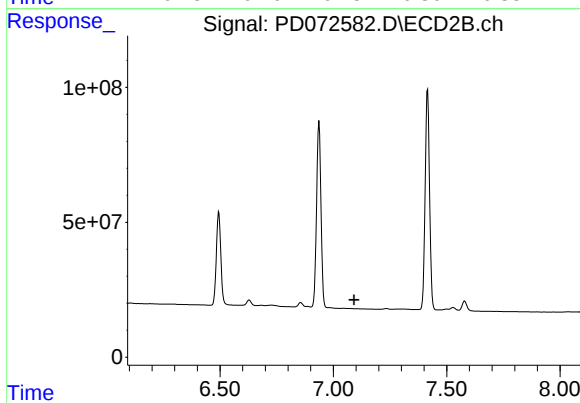
#18 Endrin aldehyde

R.T.: 6.856 min  
Delta R.T.: -0.003 min  
Response: 23216226  
Conc: 2.41 ng/ml



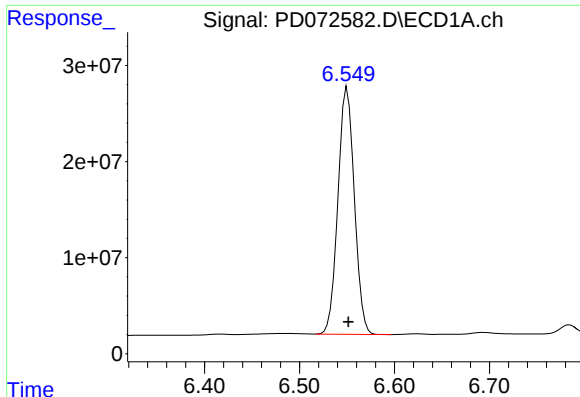
#19 Endosulfan Sulfate

R.T.: 6.261 min  
Delta R.T.: -0.015 min  
Response: 199619  
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

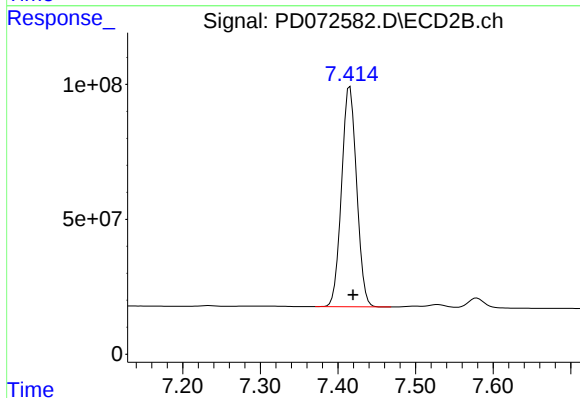
R.T.: 0.000 min  
Exp R.T. : 7.092 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

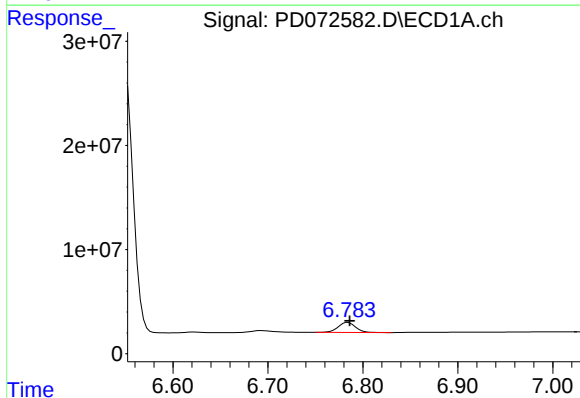
R.T.: 6.550 min  
Delta R.T.: -0.001 min  
Response: 309583550  
Conc: 230.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



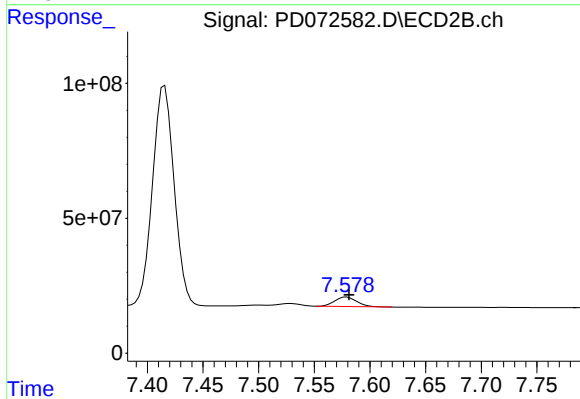
#20 Methoxychlor

R.T.: 7.416 min  
Delta R.T.: -0.004 min  
Response: 1104236239  
Conc: 186.49 ng/ml



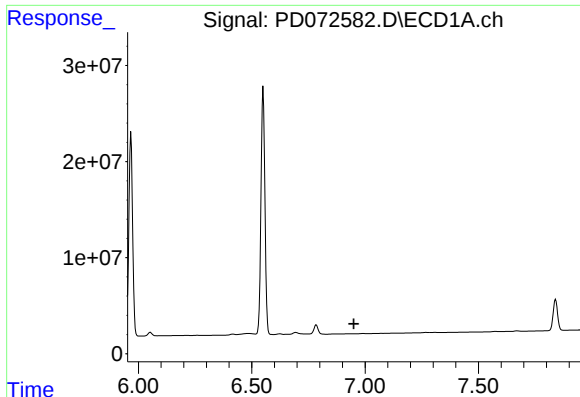
#21 Endrin ketone

R.T.: 6.784 min  
Delta R.T.: -0.002 min  
Response: 12299660  
Conc: 4.12 ng/ml



#21 Endrin ketone

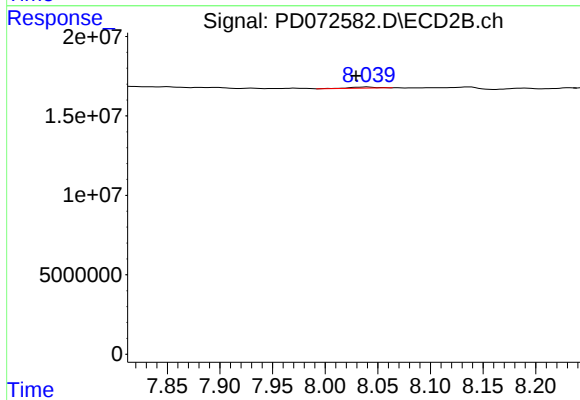
R.T.: 7.579 min  
Delta R.T.: -0.002 min  
Response: 48624818  
Conc: 3.90 ng/ml



#22 Mirex

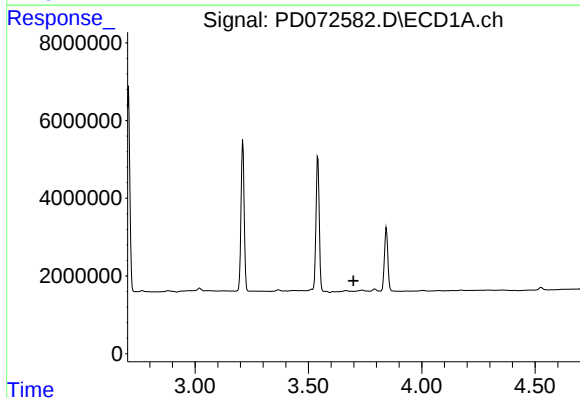
R.T.: 0.000 min  
Exp R.T.: 6.950 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



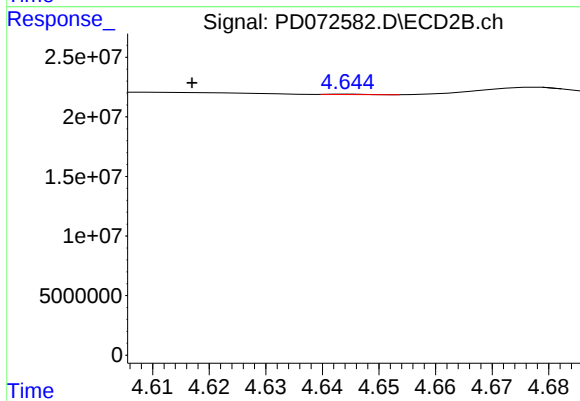
#22 Mirex

R.T.: 8.040 min  
Delta R.T.: 0.011 min  
Response: 1240712  
Conc: 0.15 ng/ml



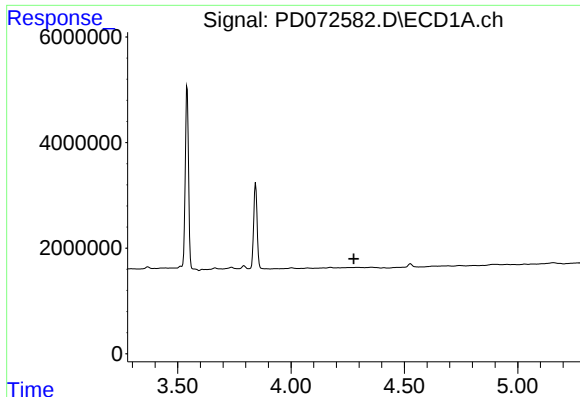
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T.: 3.699 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

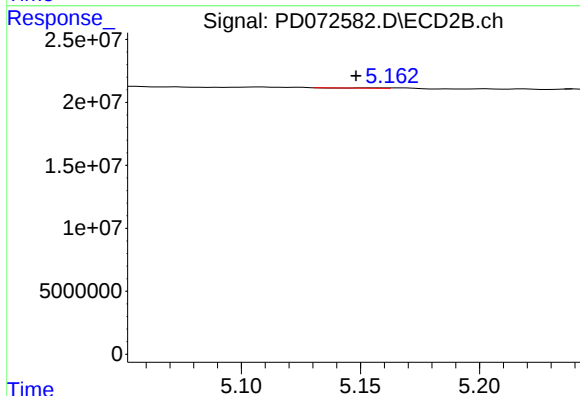
R.T.: 4.645 min  
Delta R.T.: 0.028 min  
Response: 132569  
Conc: 0.13 ng/ml



#24 Chlordane-2

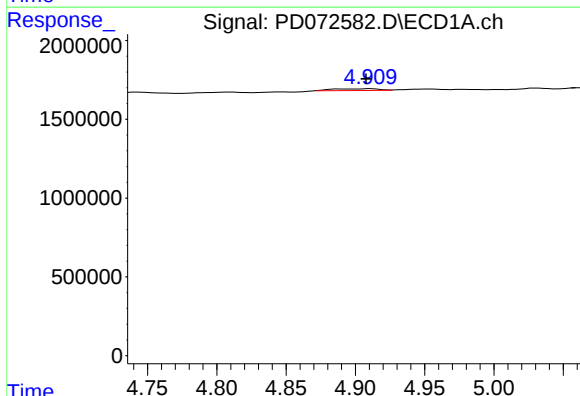
R.T.: 0.000 min  
Exp R.T.: 4.277 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



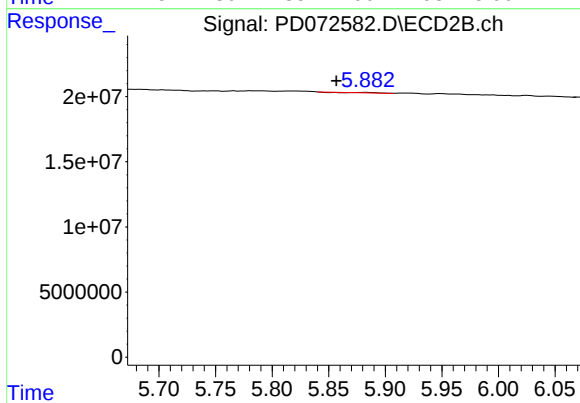
#24 Chlordane-2

R.T.: 5.156 min  
Delta R.T.: 0.008 min  
Response: 192585  
Conc: 0.24 ng/ml



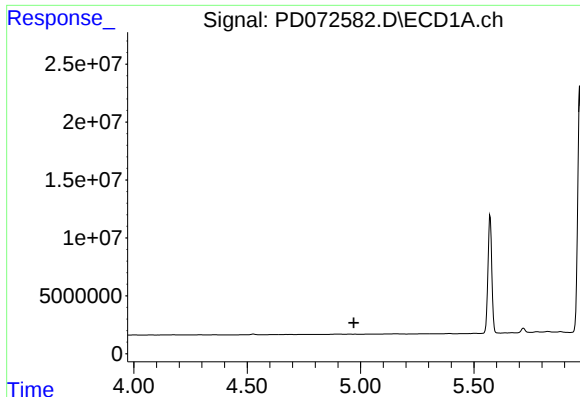
#25 Chlordane-3

R.T.: 4.911 min  
Delta R.T.: 0.003 min  
Response: 267607  
Conc: 0.77 ng/ml



#25 Chlordane-3

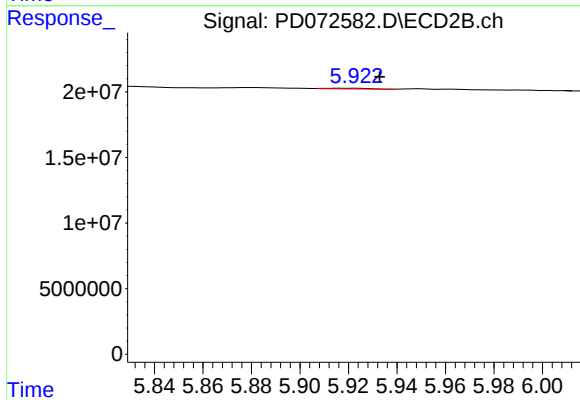
R.T.: 5.883 min  
Delta R.T.: 0.026 min  
Response: 422564  
Conc: 0.18 ng/ml



#26 Chlordane-4

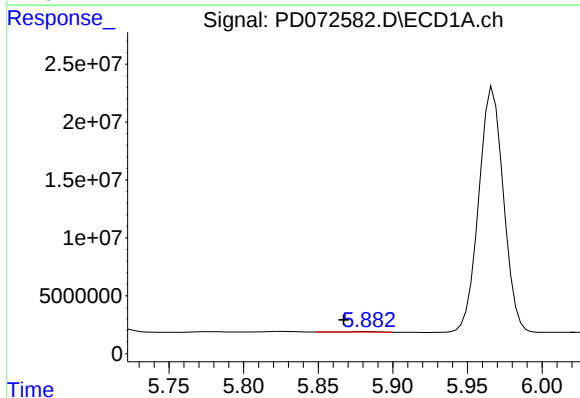
R.T.: 0.000 min  
Exp R.T.: 4.970 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



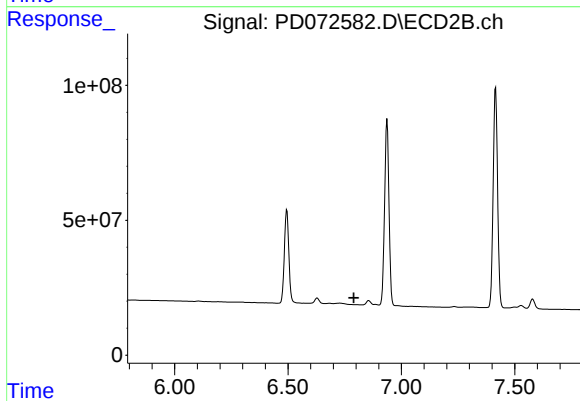
#26 Chlordane-4

R.T.: 5.923 min  
Delta R.T.: -0.010 min  
Response: 692560  
Conc: 0.25 ng/ml



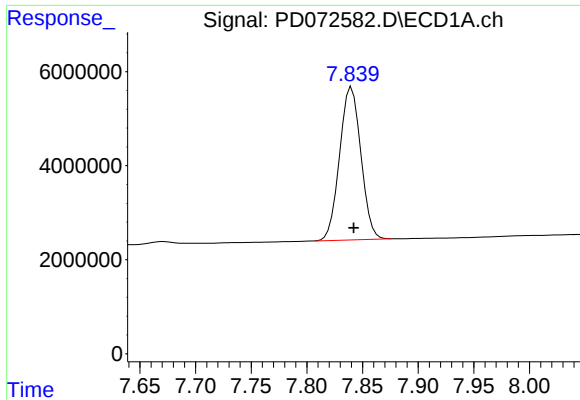
#27 Chlordane-5

R.T.: 5.883 min  
Delta R.T.: 0.016 min  
Response: 542696  
Conc: 4.70 ng/ml



#27 Chlordane-5

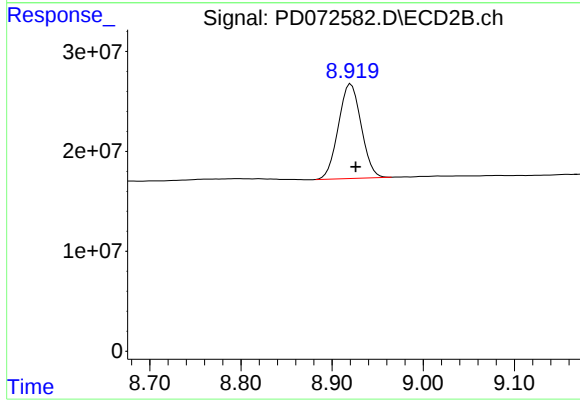
R.T.: 0.000 min  
Exp R.T.: 6.790 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.840 min  
Delta R.T.: -0.002 min  
Response: 43348454  
Conc: 19.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.921 min  
Delta R.T.: -0.005 min  
Response: 164570360  
Conc: 18.29 ng/ml