

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042125\  
 Data File : PD088183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Apr 2025 20:45  
 Operator : AR\AJ  
 Sample : Q1832-12  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 21 22:48:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 19 06:32:27 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  | 2.884  | 37611553 | 255.5E6  | 18.830 | 17.471   |
| 2)                          | SA Decachlor... | 9.073  | 8.076  | 59581193 | 307.3E6  | 18.011 | 16.631   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.000  | 3.392  | 465049   | 5672432  | 0.108  | 0.248 #  |
| 3)                          | MA gamma-BHC... | 4.345  | 3.742  | 957671   | 3012271  | 0.229  | 0.140 #  |
| 4)                          | MA Heptachlor   | 4.920  | 4.093  | 1312711  | 1842881  | 0.325  | 0.086 #  |
| 5)                          | MB Aldrin       | 5.254f | 4.384  | 526161   | 14852483 | 0.133  | 0.714 #  |
| 6)                          | B beta-BHC      | 4.492f | 0.000  | 1637303  | 0        | 1.009  | N.D. #   |
| 7)                          | B delta-BHC     | 4.780  | 4.270  | 22814692 | 5156230  | 5.531  | 0.243 #  |
| 8)                          | B Heptachlo...  | 5.684  | 4.893f | 380922   | 2347978  | 0.107  | 0.124    |
| 9)                          | A Endosulfan I  | 6.098f | 5.270f | 536951   | 141949   | 0.159  | 0.008 #  |
| 10)                         | B gamma-Chl...  | 5.930f | 5.127  | 1058164  | 1592488  | 0.292  | 0.078 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 5.201  | 0        | 3259784  | N.D.   | 0.166 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.356f | 0        | 331599   | N.D.   | 0.017 #  |
| 13)                         | MA Dieldrin     | 6.350  | 5.514  | 486302   | -449080  | 0.136  | N.D. #   |
| 14)                         | MA Endrin       | 6.597f | 5.797  | 260329   | 1014912  | 0.087  | 0.056 #  |
| 15)                         | B Endosulfa...  | 6.772  | 6.105f | 11854    | 3735255  | 0.004  | 0.213 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 5.932  | 0        | 104888   | N.D.   | 0.006 #  |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.188  | 3816058  | 770466   | 1.374  | 0.045 #  |
| 18)                         | B Endrin al...  | 6.923  | 6.266  | 550382   | 260628   | 0.238  | 0.020 #  |
| 19)                         | B Endosulfa...  | 7.133f | 6.500  | 217271   | 9664513  | 0.076  | 0.564 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.993  | 0        | 594891   | N.D.   | 0.032 #  |
| 22)                         | Mirex           | 0.000  | 7.194  | 0        | 169789   | N.D.   | 0.011 #  |
| 23)                         | Chlordane-1     | 4.707  | 3.918  | 3537097  | 32379607 | 21.289 | 40.389 # |
| 24)                         | Chlordane-2     | 5.254  | 4.458f | 526161   | 2505197  | 3.160  | 3.035    |
| 25)                         | Chlordane-3     | 5.930  | 5.127  | 1058164  | 1592488  | 1.569  | 0.630 #  |
| 26)                         | Chlordane-4     | 0.000  | 5.201  | 0        | 3259784  | N.D.   | 1.525 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.105  | 0        | 3735255  | N.D.   | 3.869 #  |
| -----                       |                 |        |        |          |          |        |          |

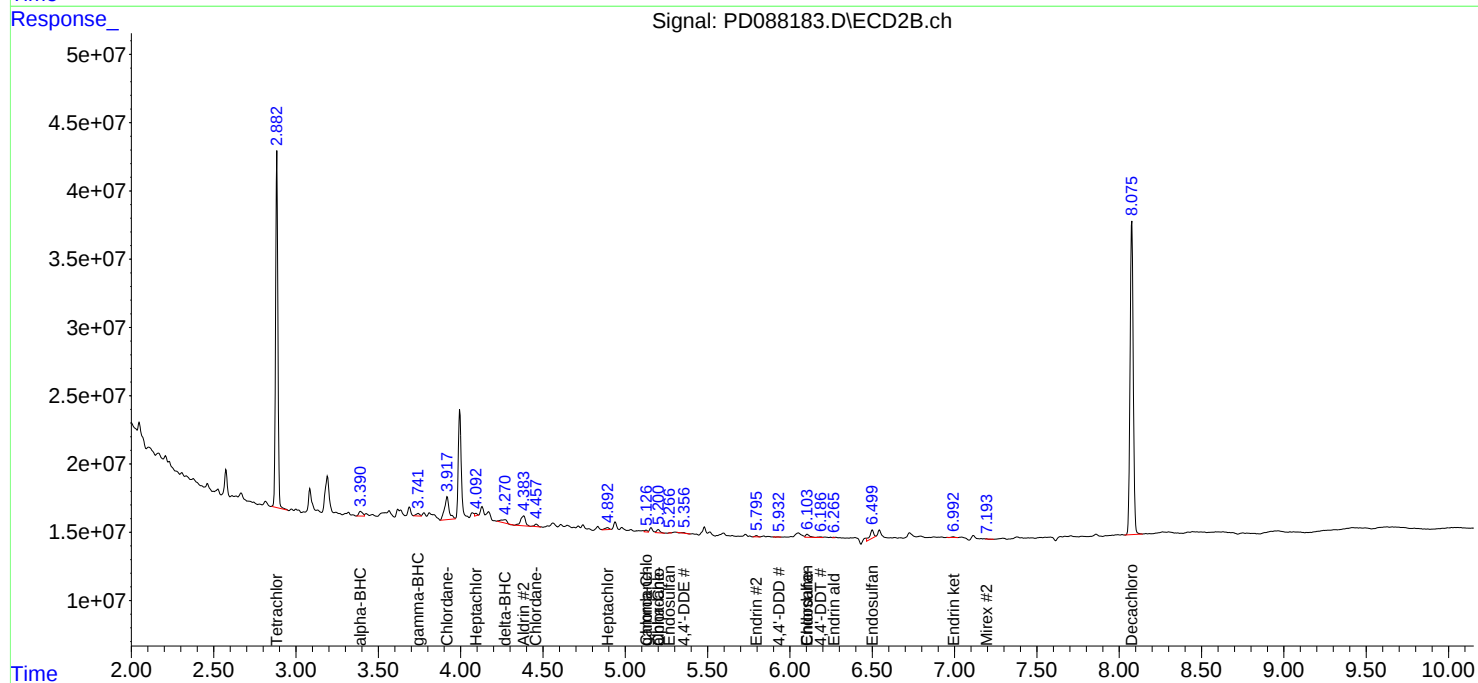
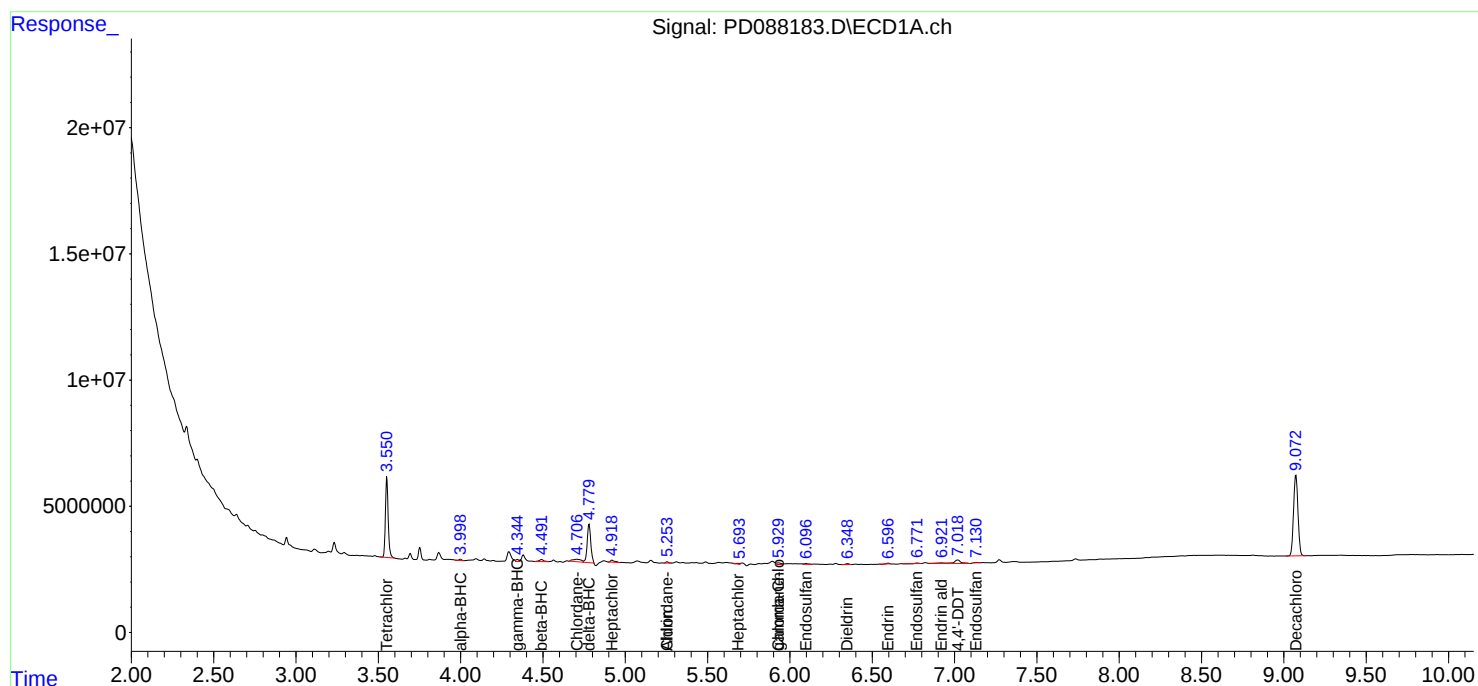
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

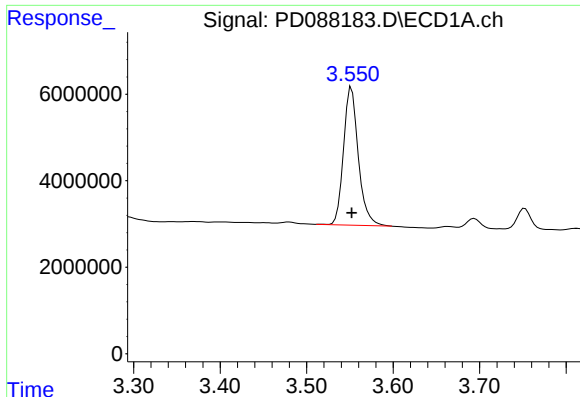
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD042125\  
Data File : PD088183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Apr 2025 20:45  
Operator : AR\AJ  
Sample : Q1832-12  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 21 22:48:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD041825.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 19 06:32:27 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

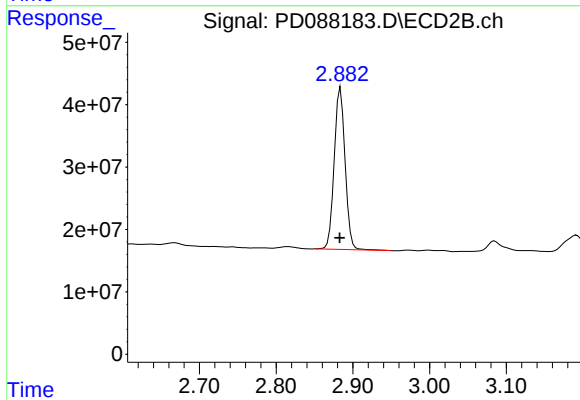




#1 Tetrachloro-m-xylene

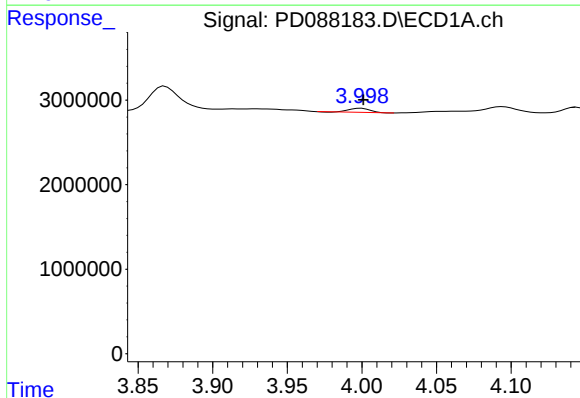
R.T.: 3.552 min  
Delta R.T.: 0.000 min  
Response: 37611553  
Conc: 18.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



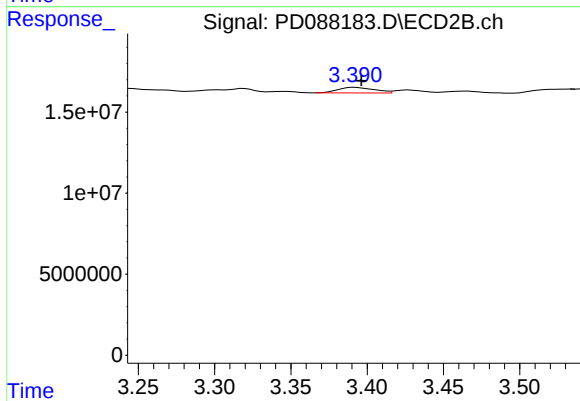
#1 Tetrachloro-m-xylene

R.T.: 2.884 min  
Delta R.T.: 0.000 min  
Response: 255460707  
Conc: 17.47 ng/ml



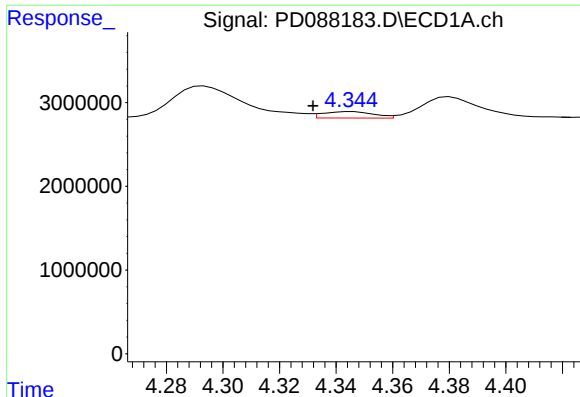
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: -0.001 min  
Response: 465049  
Conc: 0.11 ng/ml



#2 alpha-BHC

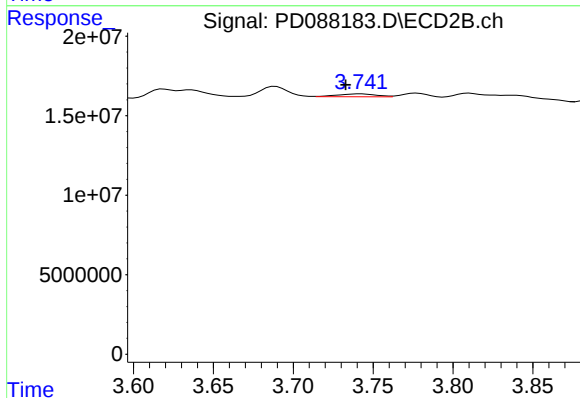
R.T.: 3.392 min  
Delta R.T.: -0.004 min  
Response: 5672432  
Conc: 0.25 ng/ml



#3 gamma-BHC (Lindane)

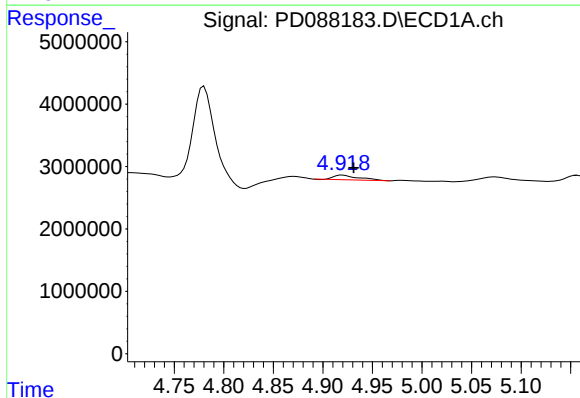
R.T.: 4.345 min  
Delta R.T.: 0.014 min  
Response: 957671  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



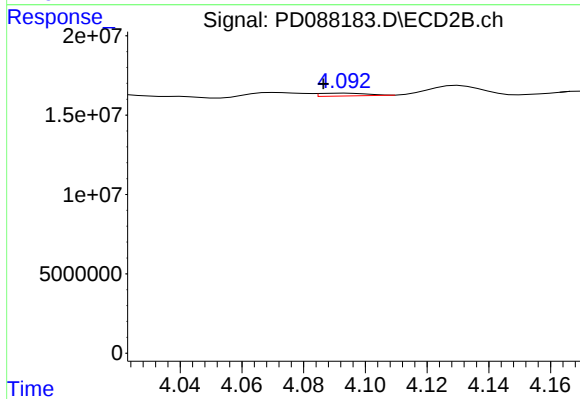
#3 gamma-BHC (Lindane)

R.T.: 3.742 min  
Delta R.T.: 0.009 min  
Response: 3012271  
Conc: 0.14 ng/ml



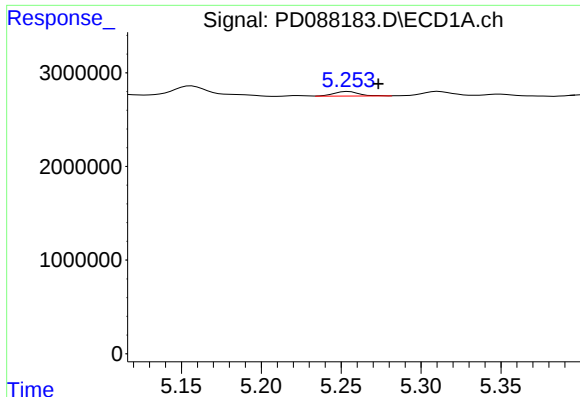
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.012 min  
Response: 1312711  
Conc: 0.33 ng/ml



#4 Heptachlor

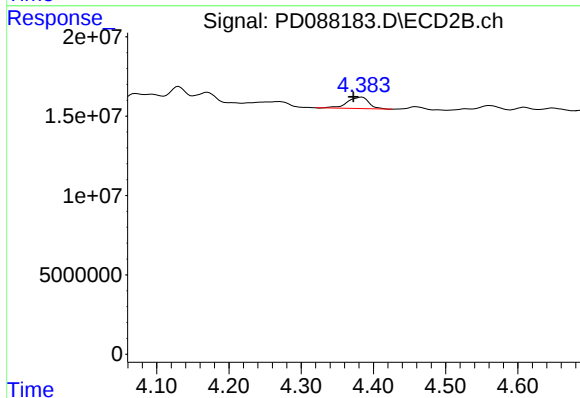
R.T.: 4.093 min  
Delta R.T.: 0.007 min  
Response: 1842881  
Conc: 0.09 ng/ml



#5 Aldrin

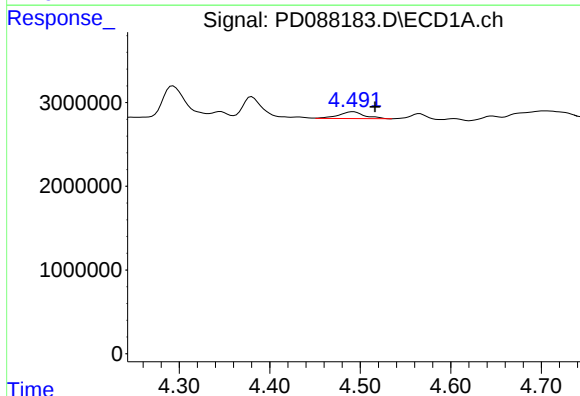
R.T.: 5.254 min  
Delta R.T.: -0.019 min  
Response: 526161  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



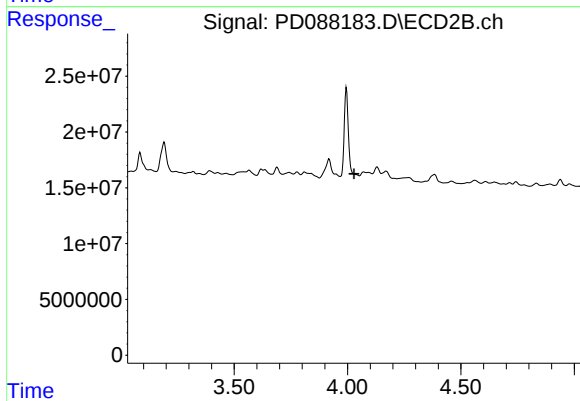
#5 Aldrin

R.T.: 4.384 min  
Delta R.T.: 0.011 min  
Response: 14852483  
Conc: 0.71 ng/ml



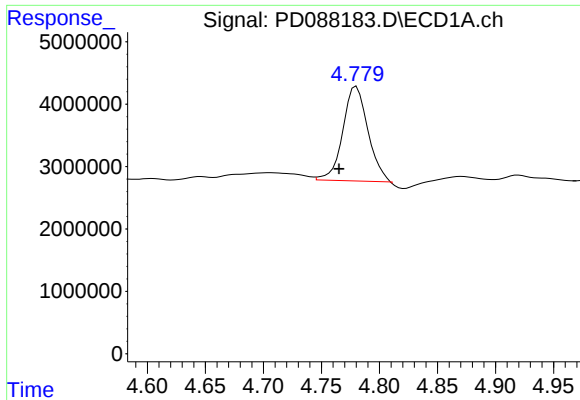
#6 beta-BHC

R.T.: 4.492 min  
Delta R.T.: -0.024 min  
Response: 1637303  
Conc: 1.01 ng/ml



#6 beta-BHC

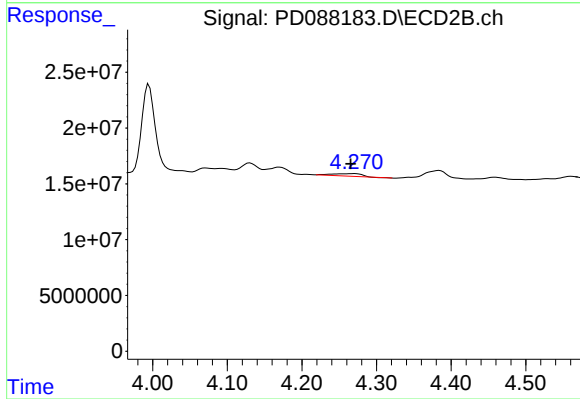
R.T.: 0.000 min  
Exp R.T. : 4.028 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

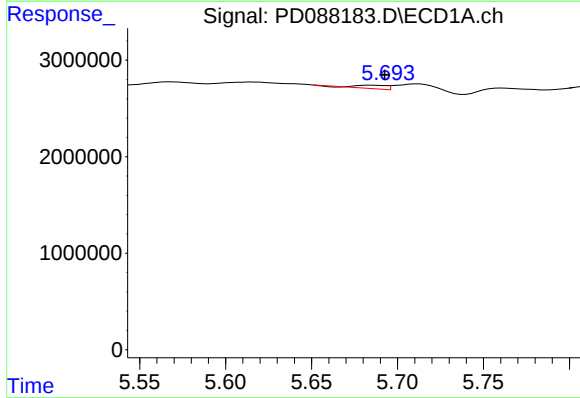
R.T.: 4.780 min  
Delta R.T.: 0.015 min  
Response: 22814692  
Conc: 5.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



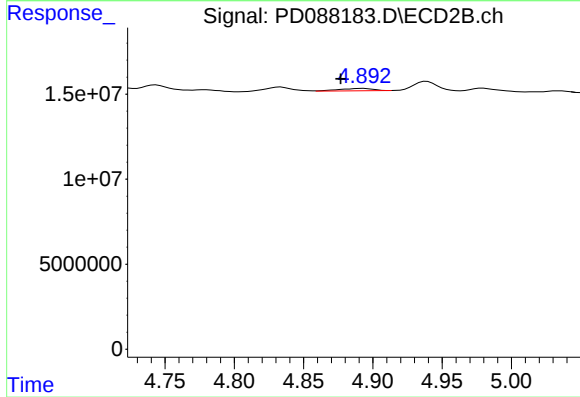
#7 delta-BHC

R.T.: 4.270 min  
Delta R.T.: 0.004 min  
Response: 5156230  
Conc: 0.24 ng/ml



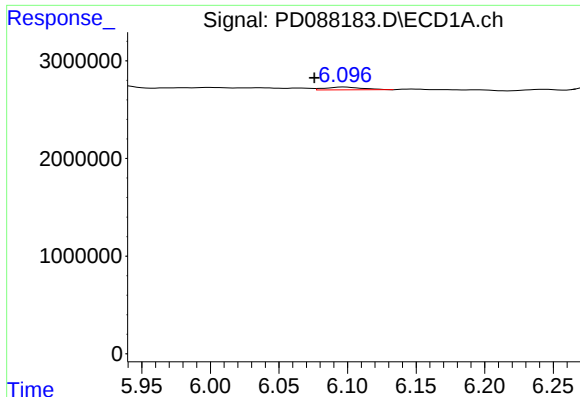
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.008 min  
Response: 380922  
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

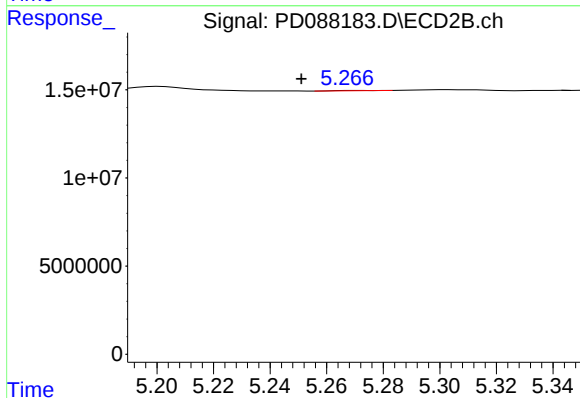
R.T.: 4.893 min  
Delta R.T.: 0.017 min  
Response: 2347978  
Conc: 0.12 ng/ml



#9 Endosulfan I

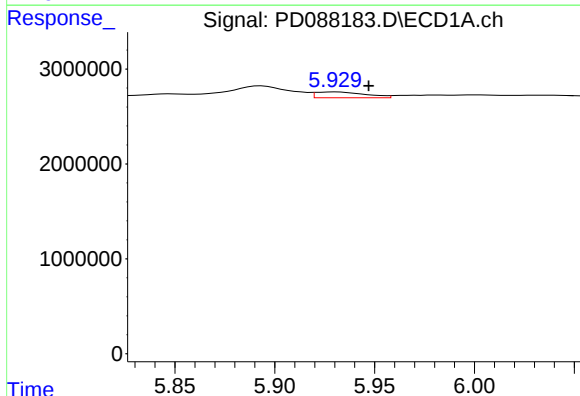
R.T.: 6.098 min  
Delta R.T.: 0.022 min  
Response: 536951  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



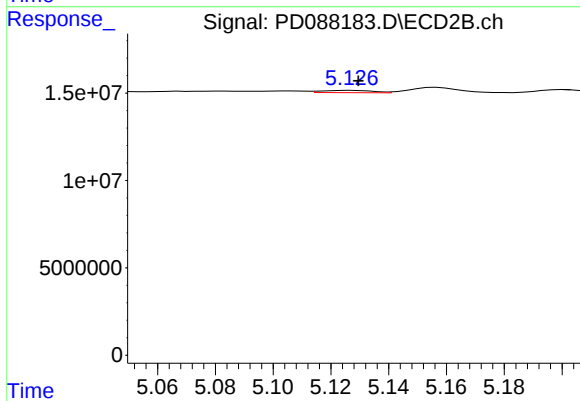
#9 Endosulfan I

R.T.: 5.270 min  
Delta R.T.: 0.019 min  
Response: 141949  
Conc: 0.01 ng/ml



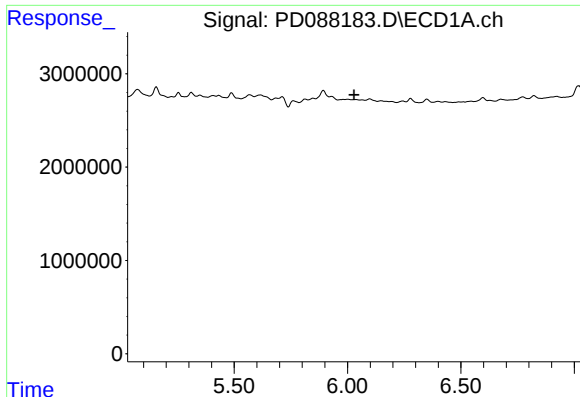
#10 gamma-Chlordane

R.T.: 5.930 min  
Delta R.T.: -0.017 min  
Response: 1058164  
Conc: 0.29 ng/ml



#10 gamma-Chlordane

R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 1592488  
Conc: 0.08 ng/ml



#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 6.029 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :

#11 alpha-Chlordane

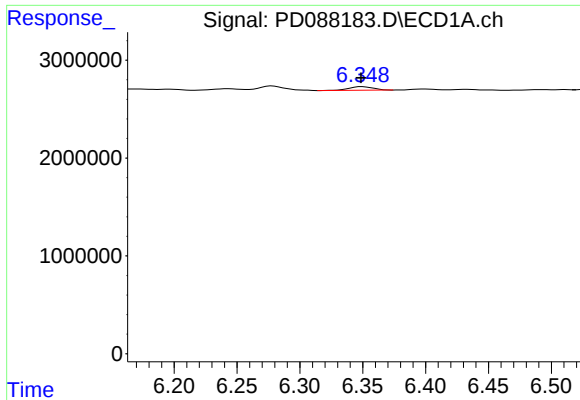
R.T.: 5.201 min  
Delta R.T.: 0.006 min  
Response: 3259784  
Conc: 0.17 ng/ml

#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.

#12 4,4'-DDE

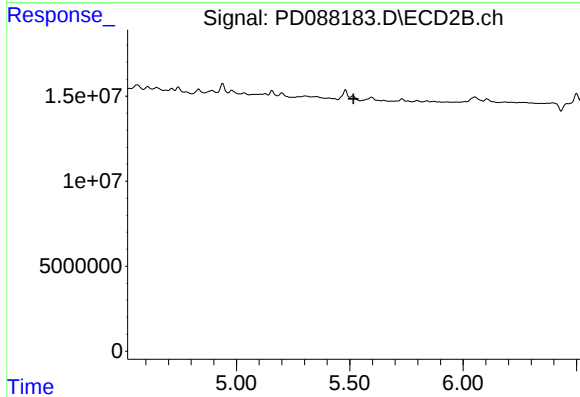
R.T.: 5.356 min  
Delta R.T.: -0.024 min  
Response: 331599  
Conc: 0.02 ng/ml



#13 Dieldrin

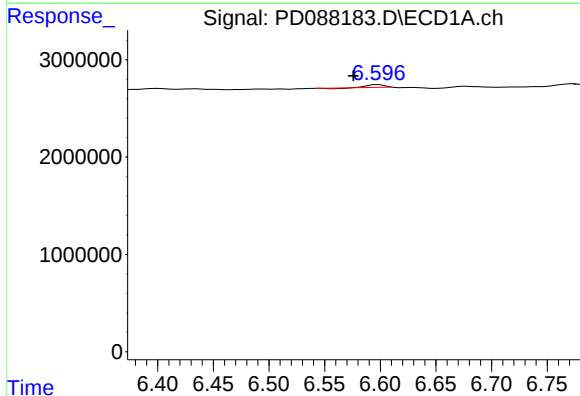
R.T.: 6.350 min  
Delta R.T.: 0.001 min  
Response: 486302  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



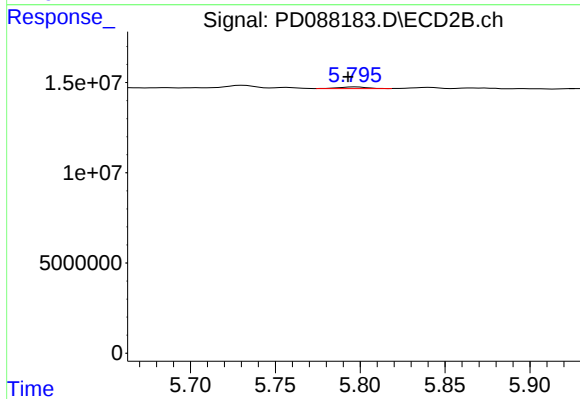
#13 Dieldrin

R.T.: 5.514 min  
Delta R.T.: -0.003 min  
Response: -449080  
Conc: N.D.



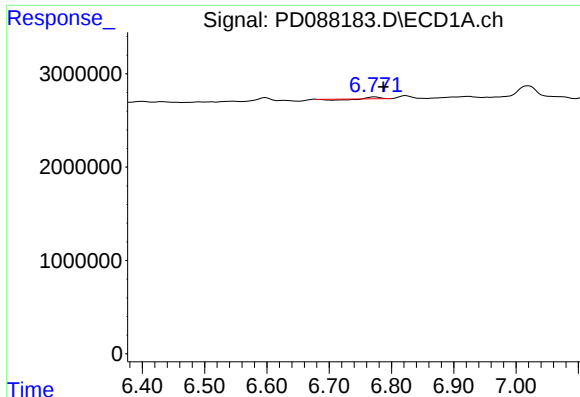
#14 Endrin

R.T.: 6.597 min  
Delta R.T.: 0.022 min  
Response: 260329  
Conc: 0.09 ng/ml



#14 Endrin

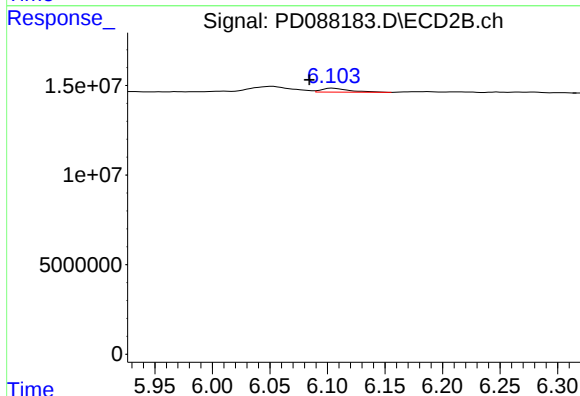
R.T.: 5.797 min  
Delta R.T.: 0.004 min  
Response: 1014912  
Conc: 0.06 ng/ml



#15 Endosulfan II

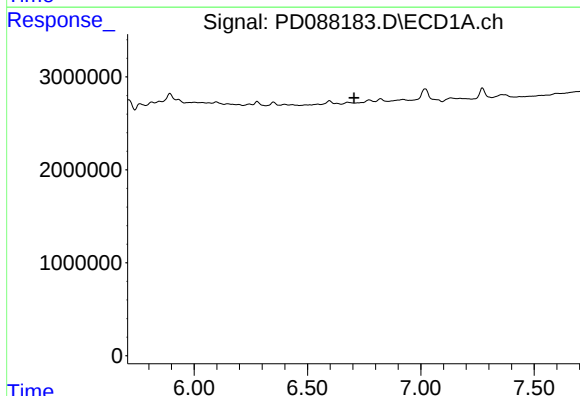
R.T.: 6.772 min  
Delta R.T.: -0.015 min  
Response: 11854  
Conc: 0.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



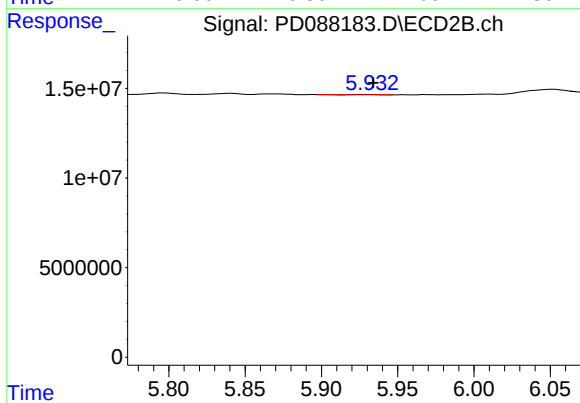
#15 Endosulfan II

R.T.: 6.105 min  
Delta R.T.: 0.020 min  
Response: 3735255  
Conc: 0.21 ng/ml



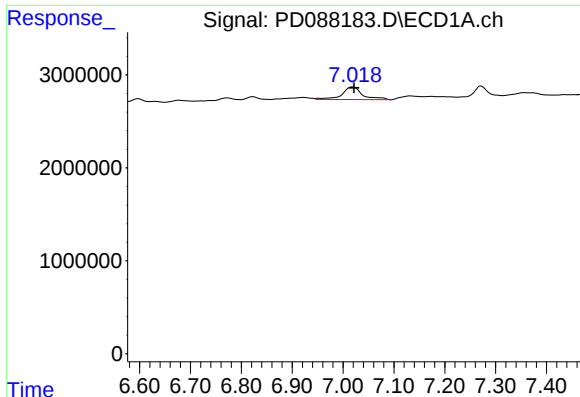
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.706 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

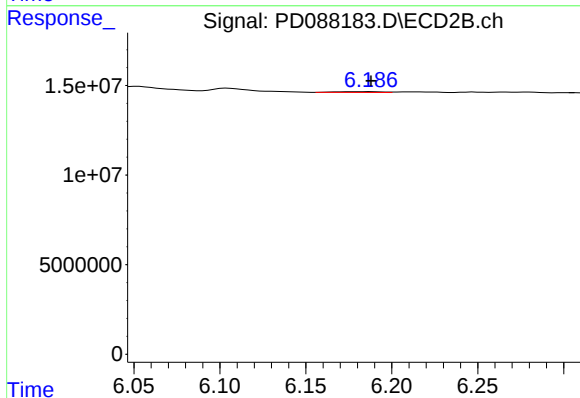
R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 104888  
Conc: 0.01 ng/ml



#17 4,4'-DDT

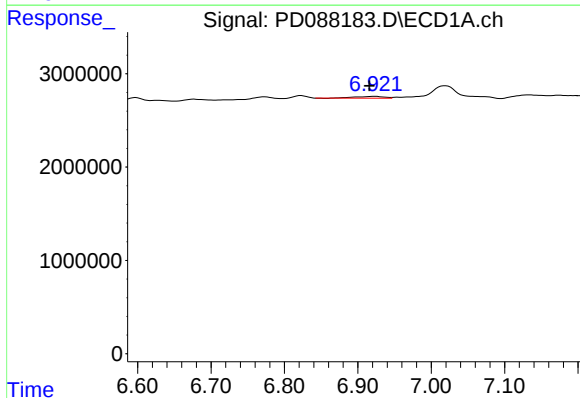
R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 3816058  
Conc: 1.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



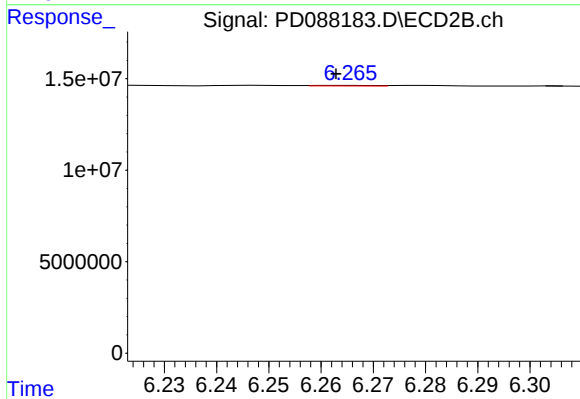
#17 4,4'-DDT

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 770466  
Conc: 0.05 ng/ml



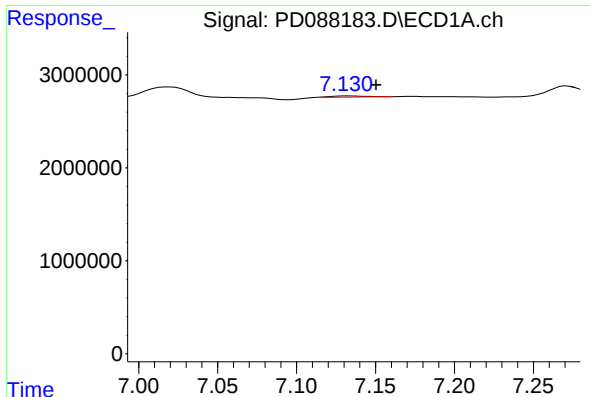
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.007 min  
Response: 550382  
Conc: 0.24 ng/ml



#18 Endrin aldehyde

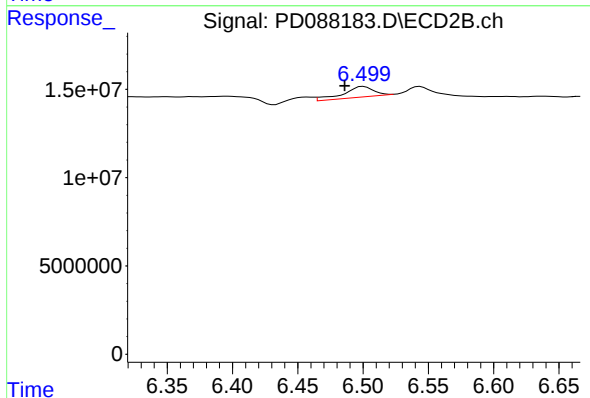
R.T.: 6.266 min  
Delta R.T.: 0.003 min  
Response: 260628  
Conc: 0.02 ng/ml



#19 Endosulfan Sulfate

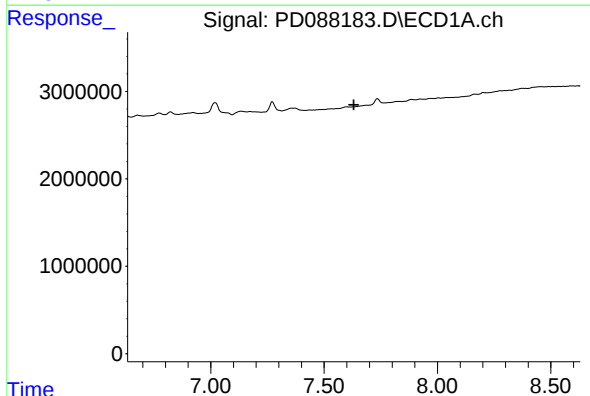
R.T.: 7.133 min  
Delta R.T.: -0.017 min  
Response: 217271  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



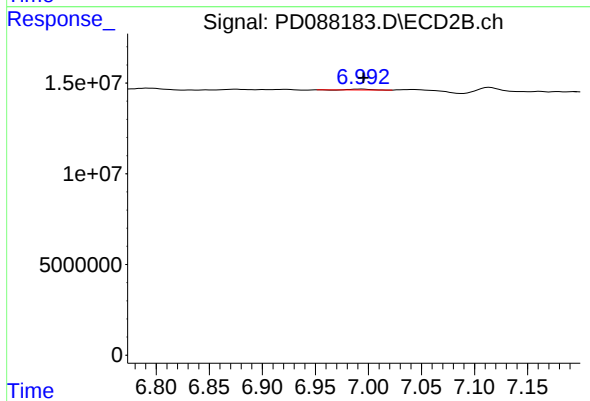
#19 Endosulfan Sulfate

R.T.: 6.500 min  
Delta R.T.: 0.014 min  
Response: 9664513  
Conc: 0.56 ng/ml



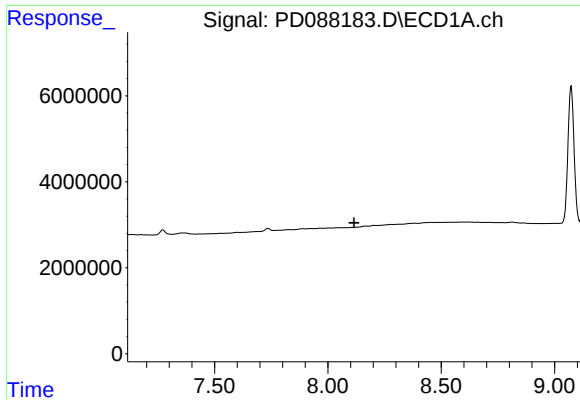
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.631 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

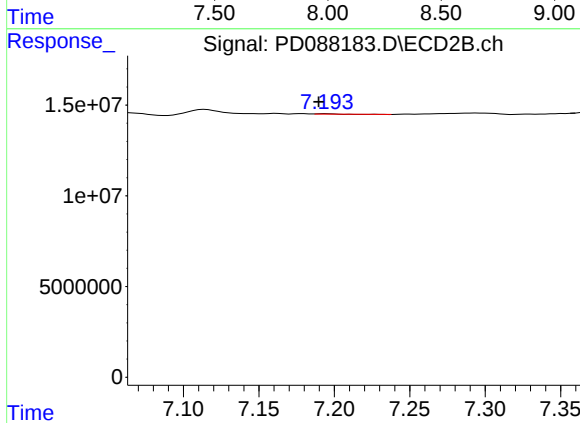
R.T.: 6.993 min  
Delta R.T.: -0.002 min  
Response: 594891  
Conc: 0.03 ng/ml



#22 Mirex

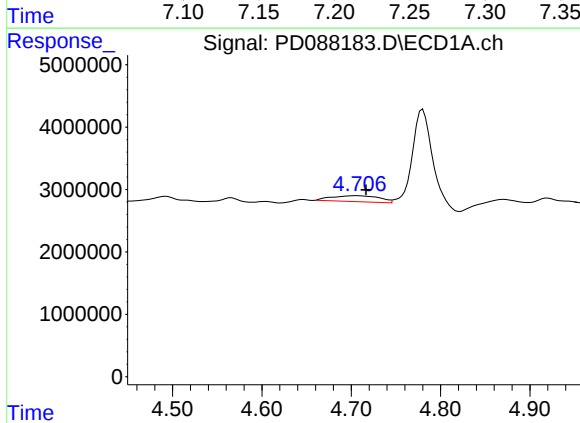
R.T.: 0.000 min  
Exp R.T.: 8.115 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



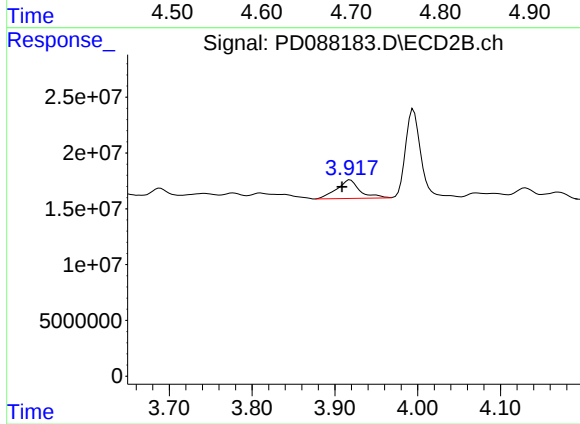
#22 Mirex

R.T.: 7.194 min  
Delta R.T.: 0.005 min  
Response: 169789  
Conc: 0.01 ng/ml



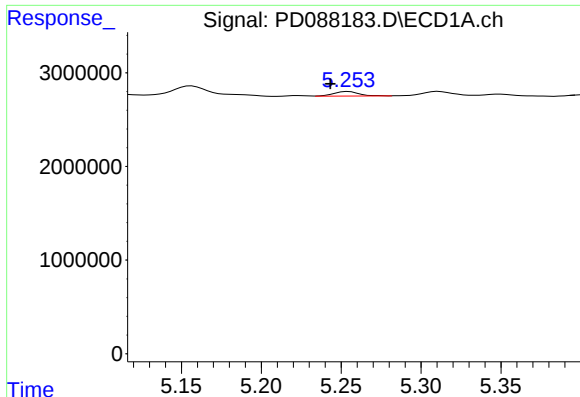
#23 Chlordane-1

R.T.: 4.707 min  
Delta R.T.: -0.010 min  
Response: 3537097  
Conc: 21.29 ng/ml



#23 Chlordane-1

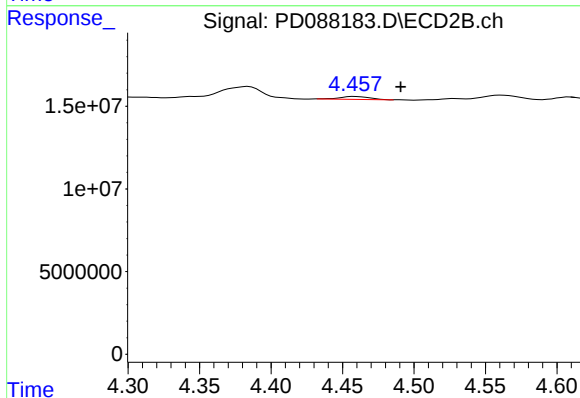
R.T.: 3.918 min  
Delta R.T.: 0.010 min  
Response: 32379607  
Conc: 40.39 ng/ml



#24 Chlordane-2

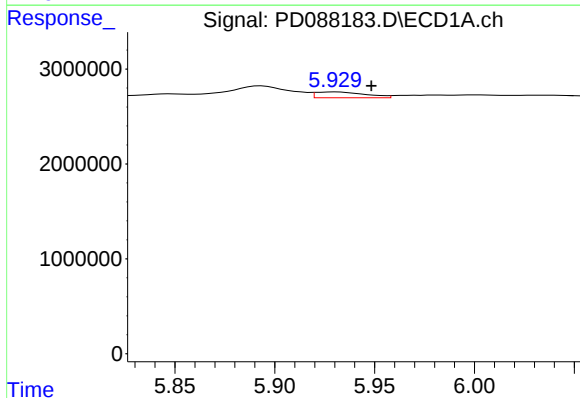
R.T.: 5.254 min  
Delta R.T.: 0.011 min  
Response: 526161  
Conc: 3.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



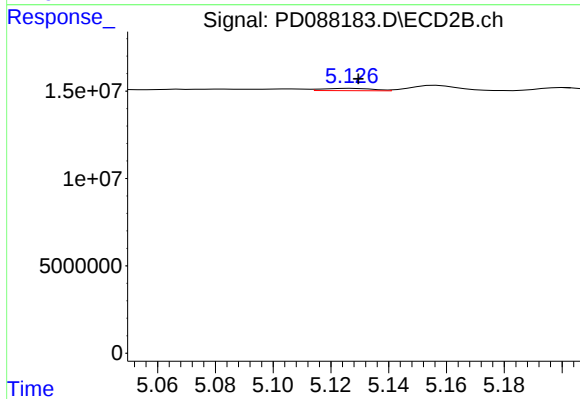
#24 Chlordane-2

R.T.: 4.458 min  
Delta R.T.: -0.032 min  
Response: 2505197  
Conc: 3.04 ng/ml



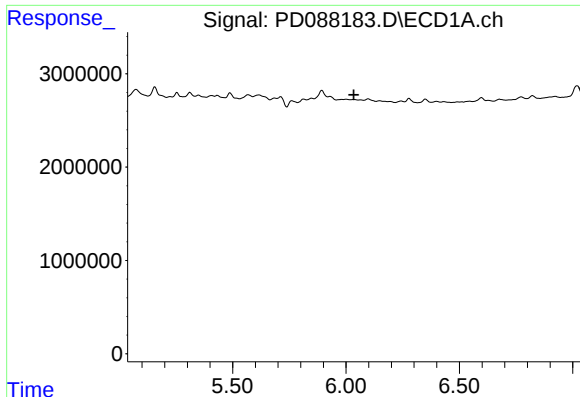
#25 Chlordane-3

R.T.: 5.930 min  
Delta R.T.: -0.018 min  
Response: 1058164  
Conc: 1.57 ng/ml



#25 Chlordane-3

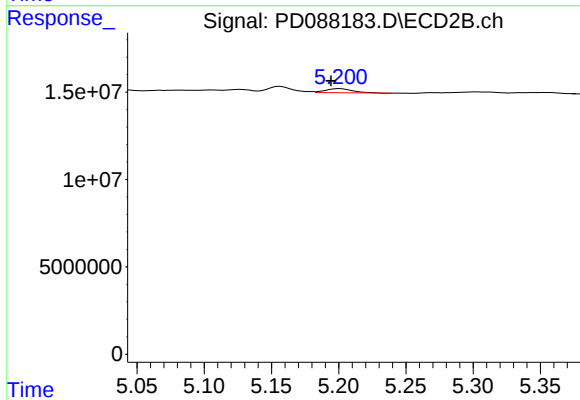
R.T.: 5.127 min  
Delta R.T.: -0.002 min  
Response: 1592488  
Conc: 0.63 ng/ml



#26 Chlordane-4

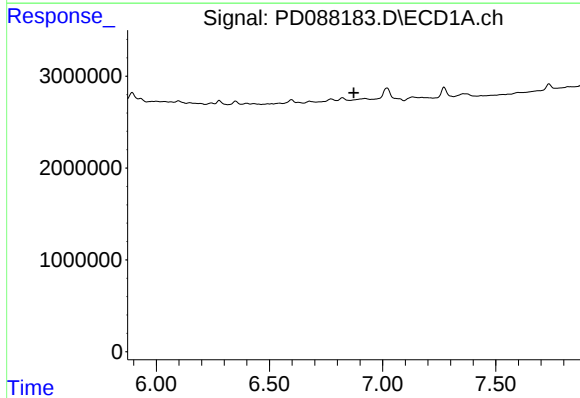
R.T.: 0.000 min  
Exp R.T.: 6.034 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



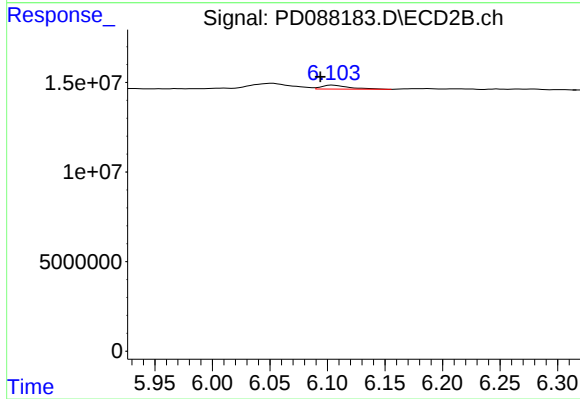
#26 Chlordane-4

R.T.: 5.201 min  
Delta R.T.: 0.007 min  
Response: 3259784  
Conc: 1.52 ng/ml



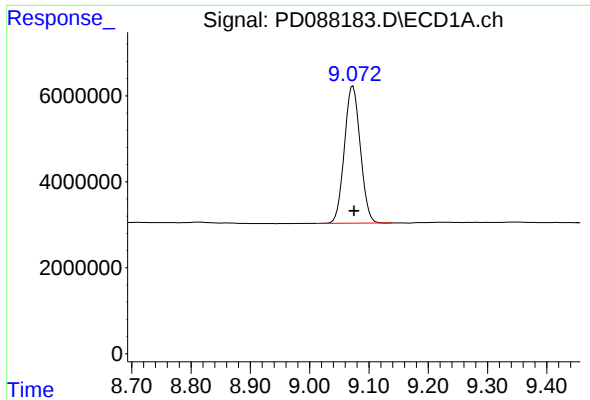
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

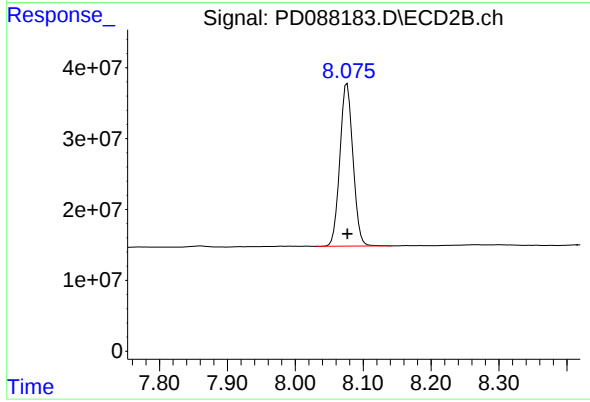
R.T.: 6.105 min  
Delta R.T.: 0.011 min  
Response: 3735255  
Conc: 3.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: -0.002 min  
Response: 59581193  
Conc: 18.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.076 min  
Delta R.T.: 0.000 min  
Response: 307338986  
Conc: 16.63 ng/ml