

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072221\  
 Data File : PD064383.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 11:28  
 Operator : AR\AJ  
 Sample : M3063-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 01:55:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 14 06:42:28 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

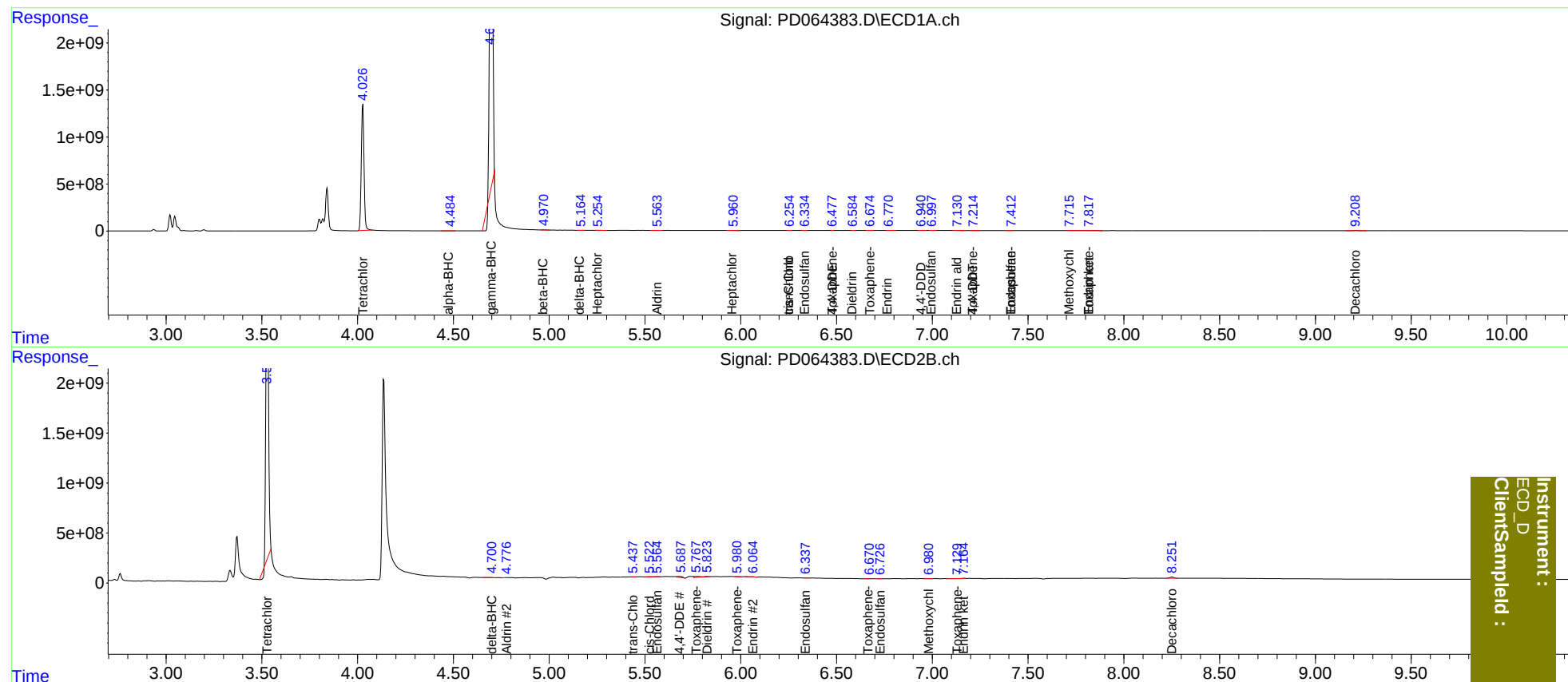
|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2    | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|-----------|-----------|----------|------------|
| -----                       |                 |        |        |           |           |          |            |
| System Monitoring Compounds |                 |        |        |           |           |          |            |
| 1)                          | SA Tetrachlo... | 4.026  | 3.528  | 9731.2E6  | 19206.2E6 | 7273.080 | 1922.282 # |
| 27)                         | SA Decachlor... | 9.209  | 8.252  | 37289118  | 157.9E6   | 34.769   | 30.218     |
| Target Compounds            |                 |        |        |           |           |          |            |
| 2)                          | A alpha-BHC     | 4.477f | 0.000  | 2775666   | 0         | 1.491    | N.D. #     |
| 3)                          | MA gamma-BHC... | 4.700f | 0.000  | 17029.5E6 | 0         | 9564.491 | N.D. #     |
| 4)                          | MA Heptachlor   | 5.253  | 0.000  | 599231    | 0         | 0.340    | N.D. #     |
| 5)                          | MB Aldrin       | 5.564  | 4.778  | 3786059   | 4839358   | 2.376    | 0.467 #    |
| 6)                          | B beta-BHC      | 4.967f | 4.448f | 10852149  | 188192    | 12.931   | <MDL #     |
| 7)                          | B delta-BHC     | 5.157  | 4.700  | 5579013   | 6611351   | 3.266    | 0.601 #    |
| 8)                          | B Heptachlo...  | 5.957  | 5.214  | 13386946  | -4727855  | 8.782    | N.D. #     |
| 9)                          | A Endosulfan I  | 6.336  | 5.565  | 1274802   | 25778049  | 0.923    | 3.049 #    |
| 10)                         | B trans-Chl...  | 6.252f | 5.438  | 1098883   | 10062201  | 0.695    | 1.082 #    |
| 11)                         | B cis-Chlor...  | 6.252  | 5.524  | 1098883   | 17742176  | 0.701    | 1.960 #    |
| 12)                         | B 4,4'-DDE      | 6.478f | 5.680  | 344267    | 199.5E6   | 0.249    | 23.805 #   |
| 13)                         | MA Dieldrin     | 6.581  | 5.824  | 1873390   | 52702470  | 1.293    | 6.165 #    |
| 14)                         | MA Endrin       | 6.766f | 6.064  | 6236694   | 23421011  | 5.282    | 3.213 #    |
| 15)                         | B Endosulfa...  | 6.996  | 6.338  | 5789010   | 8499674   | 4.790    | 1.307 #    |
| 16)                         | A 4,4'-DDD      | 6.942  | 0.000  | 3641126   | 0         | 3.198    | N.D. #     |
| 17)                         | MA 4,4'-DDT     | 7.213  | 6.464f | 3358030   | -9656952  | 2.909    | N.D. #     |
| 18)                         | B Endrin al...  | 7.128  | 6.464f | 3937733   | -9656952  | 3.825    | N.D. #     |
| 19)                         | B Endosulfa...  | 7.413f | 6.728  | 1320370   | 3832252   | 1.072    | 0.622 #    |
| 20)                         | A Methoxychlor  | 7.716  | 6.982  | 418041    | 13902234  | 0.652    | 4.505 #    |
| 21)                         | B Endrin ke...  | 7.817  | 7.166f | 12005407  | 4980360   | 9.034    | 0.735 #    |
| 22)                         | Toxaphene-1     | 6.478  | 5.768  | 344267    | 219.0E6   | 47.484   | 4131.889 # |
| 23)                         | Toxaphene-2     | 6.675  | 5.981  | 6603321   | 27689044  | 564.631  | 297.925 #  |
| 24)                         | Toxaphene-3     | 7.213  | 0.000  | 3358030   | 0         | 300.434  | N.D. #     |
| 25)                         | Toxaphene-4     | 7.413  | 6.666  | 1320370   | 3710971   | 59.180   | 28.888 #   |
| 26)                         | Toxaphene-5     | 7.817  | 7.130  | 12005407  | 8069387   | 715.831  | 64.838 #   |
| -----                       |                 |        |        |           |           |          |            |

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

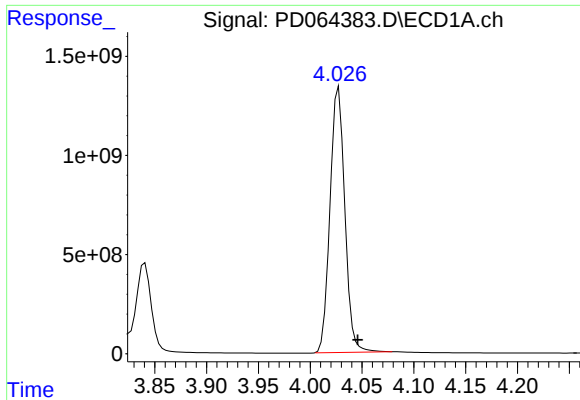
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072221\  
Data File : PD064383.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2021 11:28  
Operator : AR\AJ  
Sample : M3063-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 01:55:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD070921CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 14 06:42:28 2021  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 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



Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

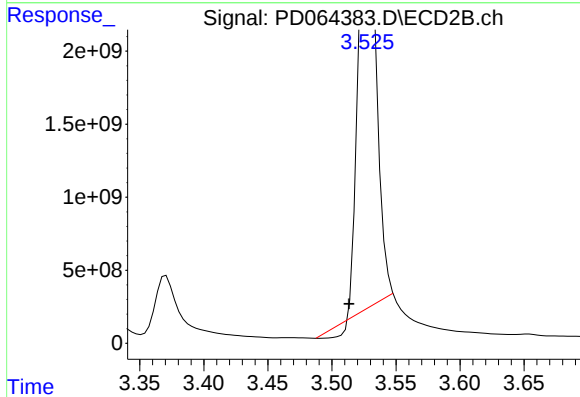
R.T.: 4.026 min

Delta R.T.: -0.020 min

Response: 9731198024

Conc: 7273.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



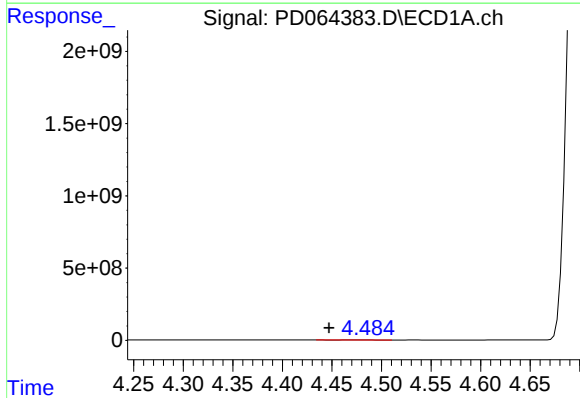
#1 Tetrachloro-m-xylene

R.T.: 3.528 min

Delta R.T.: 0.015 min

Response: 19206157204

Conc: 1922.28 ng/ml



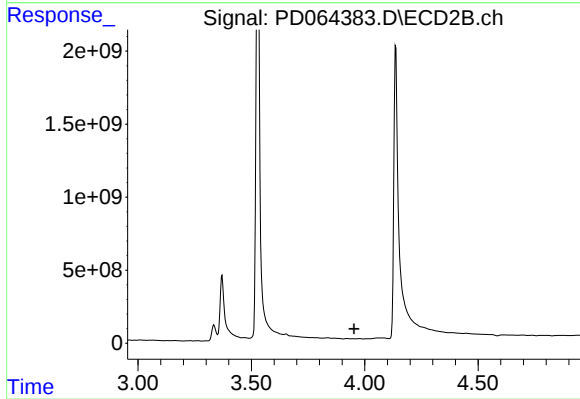
#2 alpha-BHC

R.T.: 4.477 min

Delta R.T.: 0.029 min

Response: 2775666

Conc: 1.49 ng/ml



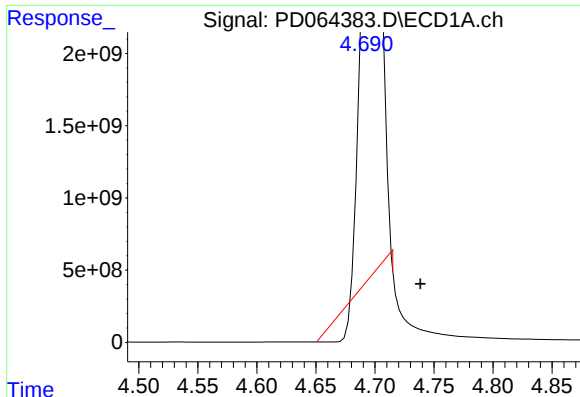
#2 alpha-BHC

R.T.: 0.000 min

Exp R.T. : 3.953 min

Response: 0

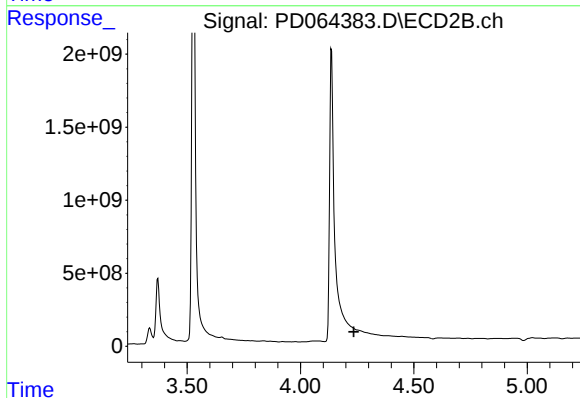
Conc: N.D.



#3 gamma-BHC (Lindane)

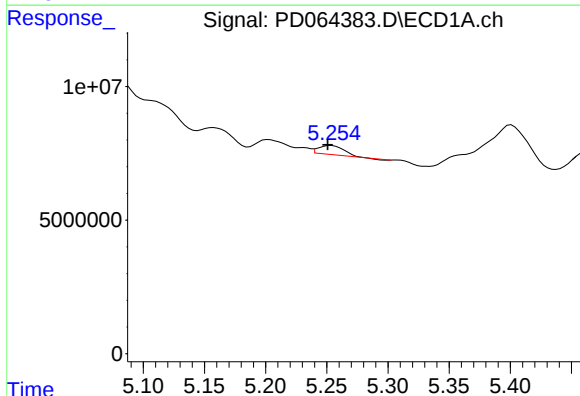
R.T.: 4.700 min  
Delta R.T.: -0.039 min  
Response: 17029501477  
Conc: 9564.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



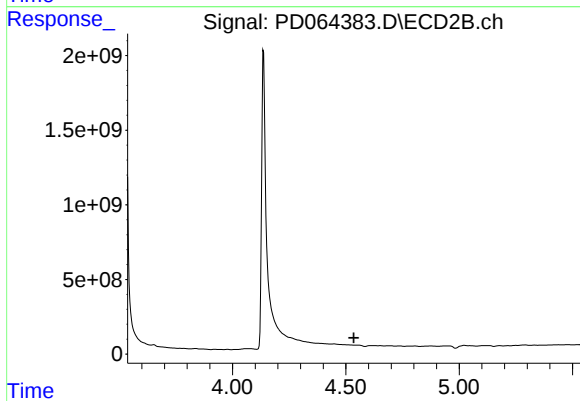
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.235 min  
Response: 0  
Conc: N.D.



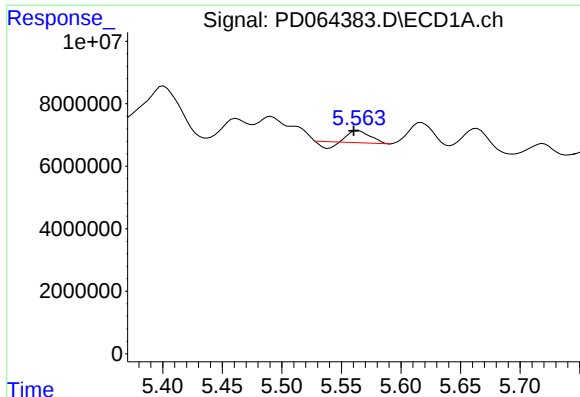
#4 Heptachlor

R.T.: 5.253 min  
Delta R.T.: 0.003 min  
Response: 599231  
Conc: 0.34 ng/ml



#4 Heptachlor

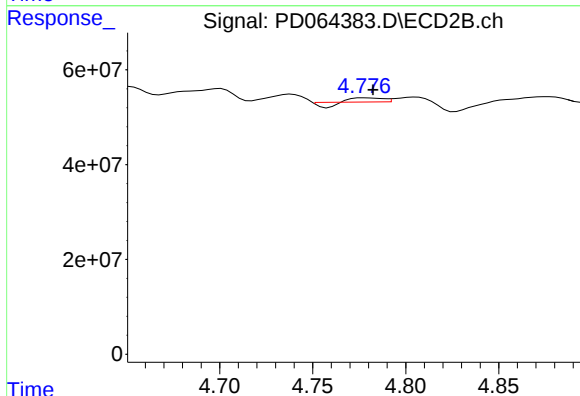
R.T.: 0.000 min  
Exp R.T. : 4.535 min  
Response: 0  
Conc: N.D.



#5 Aldrin

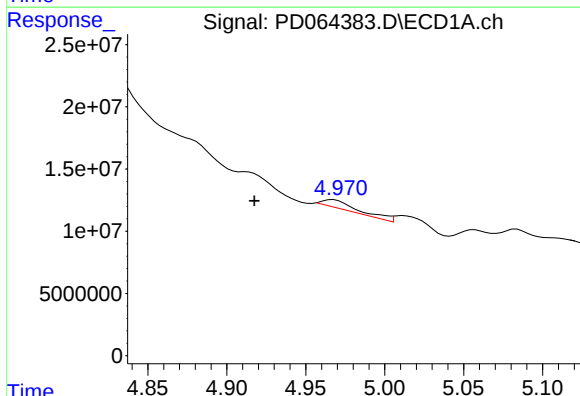
R.T.: 5.564 min  
Delta R.T.: 0.004 min  
Response: 3786059  
Conc: 2.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



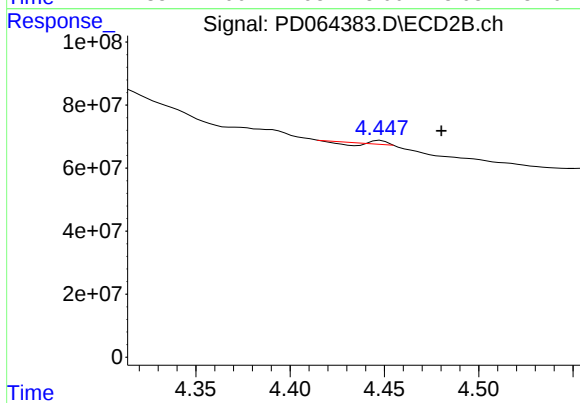
#5 Aldrin

R.T.: 4.778 min  
Delta R.T.: -0.005 min  
Response: 4839358  
Conc: 0.47 ng/ml



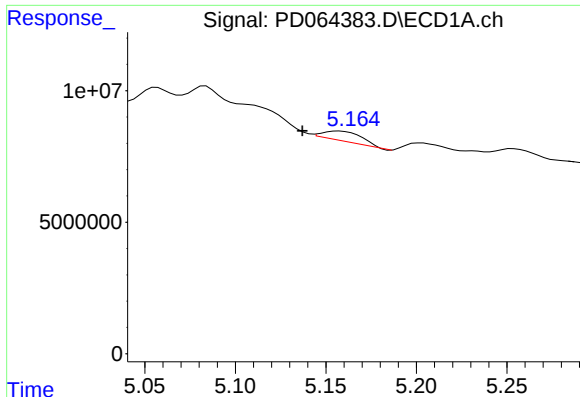
#6 beta-BHC

R.T.: 4.967 min  
Delta R.T.: 0.050 min  
Response: 10852149  
Conc: 12.93 ng/ml



#6 beta-BHC

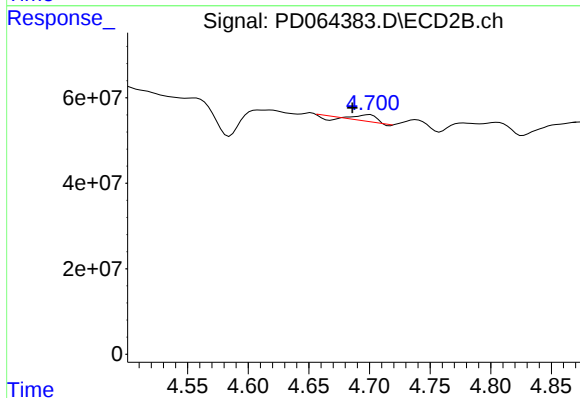
R.T.: 4.448 min  
Delta R.T.: -0.032 min  
Response: 188192  
Conc: N.D.



#7 delta-BHC

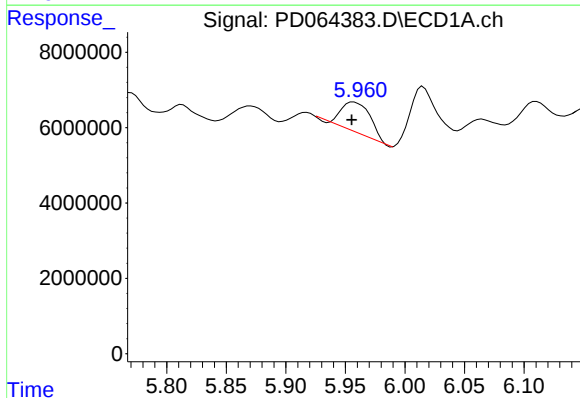
R.T.: 5.157 min  
Delta R.T.: 0.020 min  
Response: 5579013  
Conc: 3.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



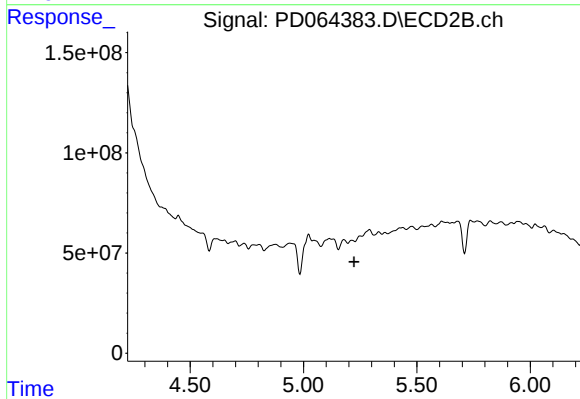
#7 delta-BHC

R.T.: 4.700 min  
Delta R.T.: 0.015 min  
Response: 6611351  
Conc: 0.60 ng/ml



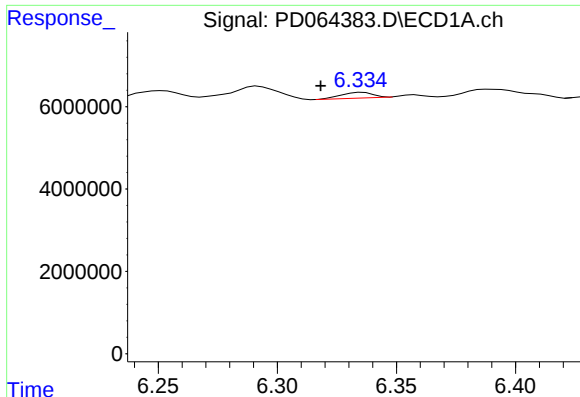
#8 Heptachlor epoxide

R.T.: 5.957 min  
Delta R.T.: 0.002 min  
Response: 13386946  
Conc: 8.78 ng/ml



#8 Heptachlor epoxide

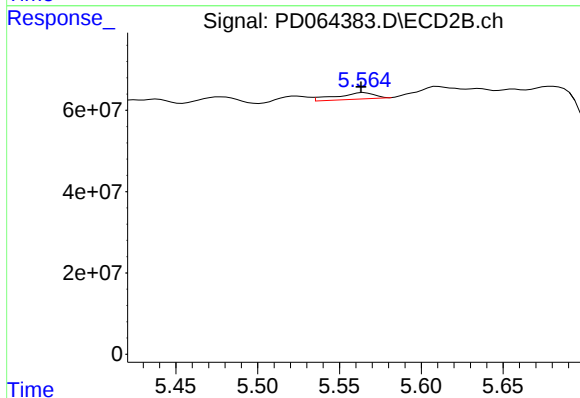
R.T.: 5.214 min  
Delta R.T.: -0.010 min  
Response: -4727855  
Conc: N.D.



#9 Endosulfan I

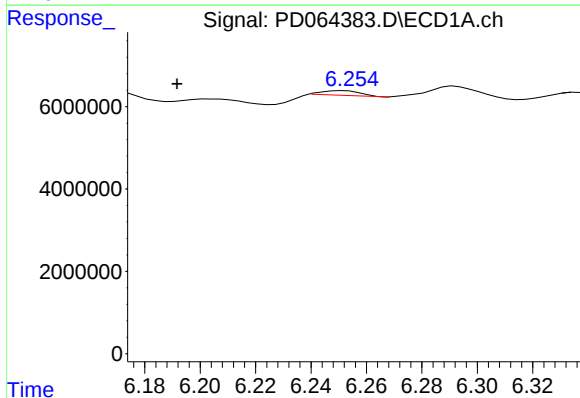
R.T.: 6.336 min  
Delta R.T.: 0.018 min  
Response: 1274802  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



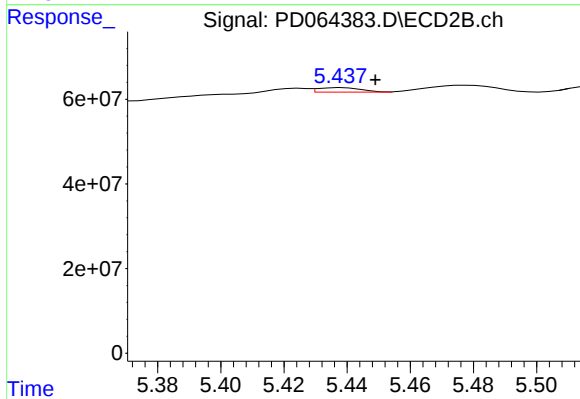
#9 Endosulfan I

R.T.: 5.565 min  
Delta R.T.: 0.002 min  
Response: 25778049  
Conc: 3.05 ng/ml



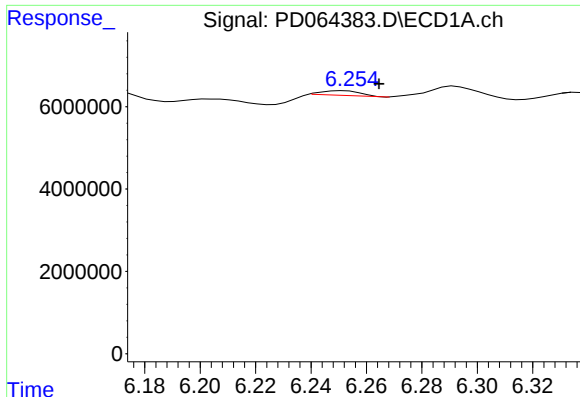
#10 trans-Chlordane

R.T.: 6.252 min  
Delta R.T.: 0.060 min  
Response: 1098883  
Conc: 0.70 ng/ml



#10 trans-Chlordane

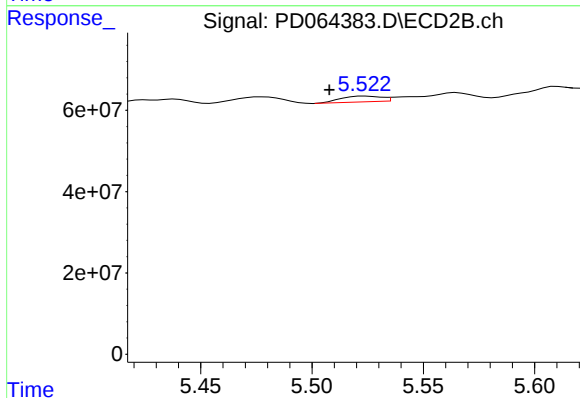
R.T.: 5.438 min  
Delta R.T.: -0.011 min  
Response: 10062201  
Conc: 1.08 ng/ml



#11 cis-Chlordane

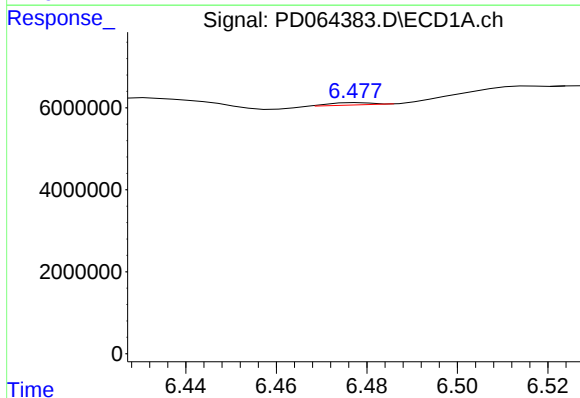
R.T.: 6.252 min  
Delta R.T.: -0.013 min  
Response: 1098883  
Conc: 0.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



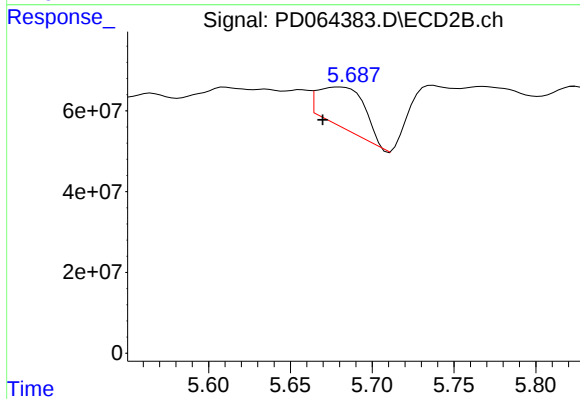
#11 cis-Chlordane

R.T.: 5.524 min  
Delta R.T.: 0.016 min  
Response: 17742176  
Conc: 1.96 ng/ml



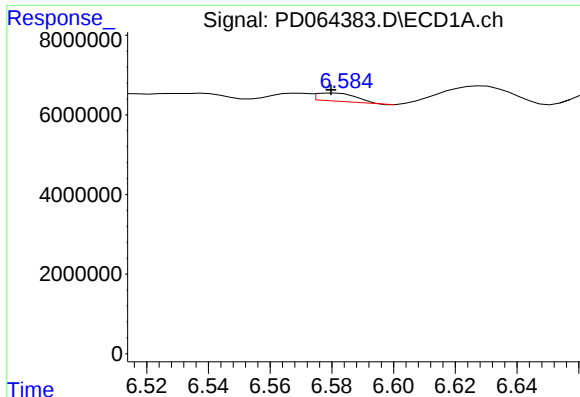
#12 4,4'-DDE

R.T.: 6.478 min  
Delta R.T.: 0.053 min  
Response: 344267  
Conc: 0.25 ng/ml



#12 4,4'-DDE

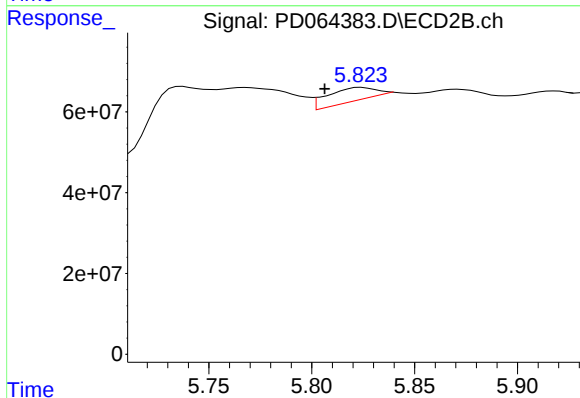
R.T.: 5.680 min  
Delta R.T.: 0.010 min  
Response: 199495997  
Conc: 23.81 ng/ml



#13 Dieldrin

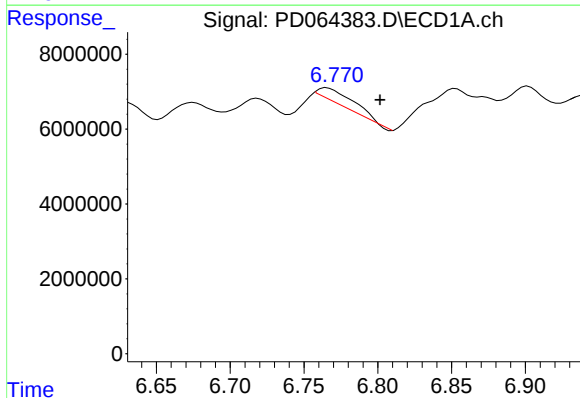
R.T.: 6.581 min  
Delta R.T.: 0.001 min  
Response: 1873390  
Conc: 1.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



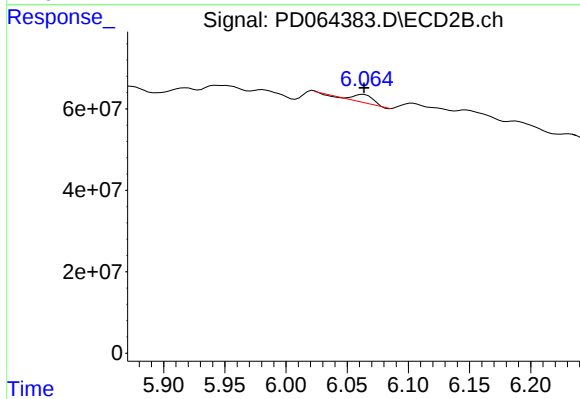
#13 Dieldrin

R.T.: 5.824 min  
Delta R.T.: 0.018 min  
Response: 52702470  
Conc: 6.16 ng/ml



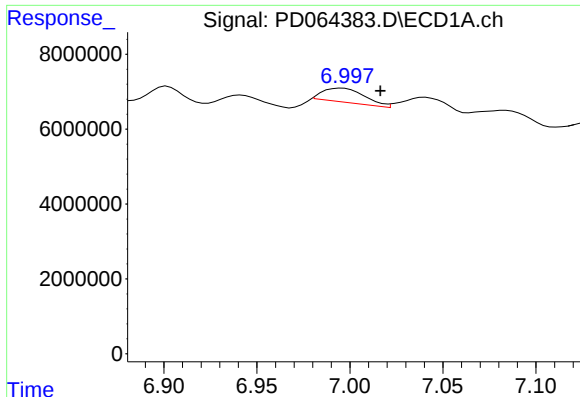
#14 Endrin

R.T.: 6.766 min  
Delta R.T.: -0.036 min  
Response: 6236694  
Conc: 5.28 ng/ml



#14 Endrin

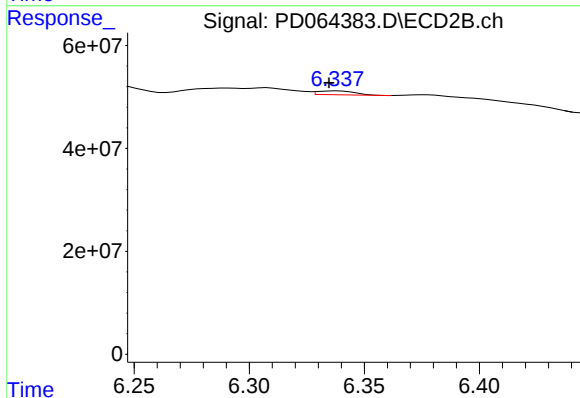
R.T.: 6.064 min  
Delta R.T.: 0.000 min  
Response: 23421011  
Conc: 3.21 ng/ml



#15 Endosulfan II

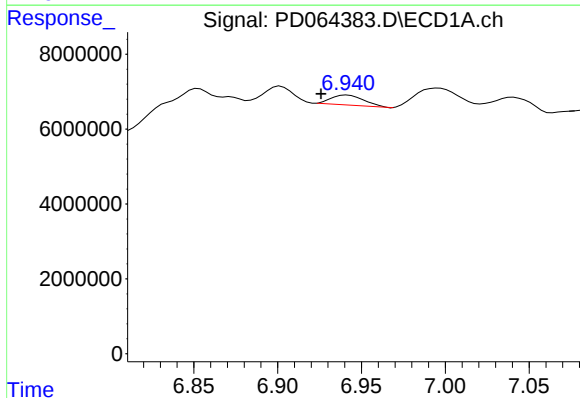
R.T.: 6.996 min  
Delta R.T.: -0.020 min  
Response: 5789010  
Conc: 4.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



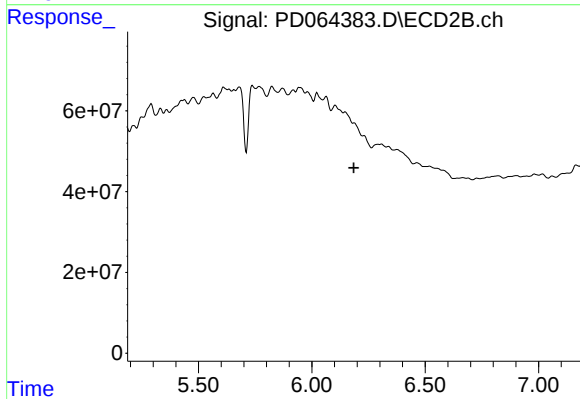
#15 Endosulfan II

R.T.: 6.338 min  
Delta R.T.: 0.004 min  
Response: 8499674  
Conc: 1.31 ng/ml



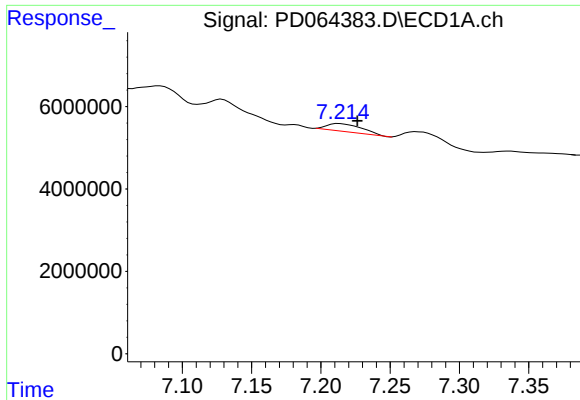
#16 4,4'-DDD

R.T.: 6.942 min  
Delta R.T.: 0.016 min  
Response: 3641126  
Conc: 3.20 ng/ml



#16 4,4'-DDD

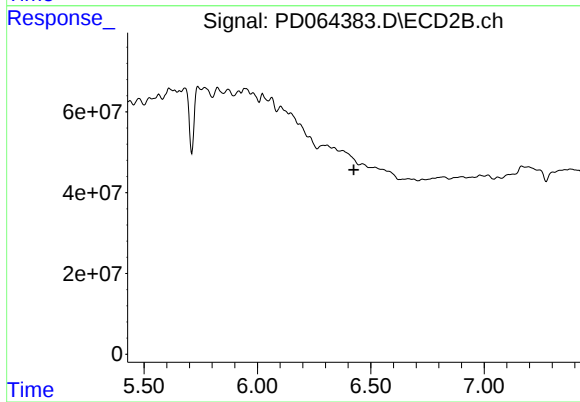
R.T.: 0.000 min  
Exp R.T. : 6.185 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

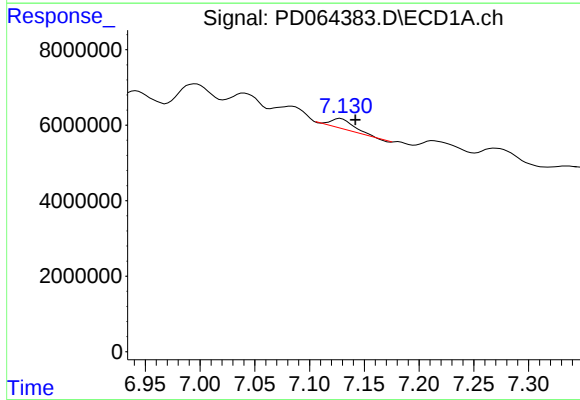
R.T.: 7.213 min  
Delta R.T.: -0.014 min  
Response: 3358030  
Conc: 2.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



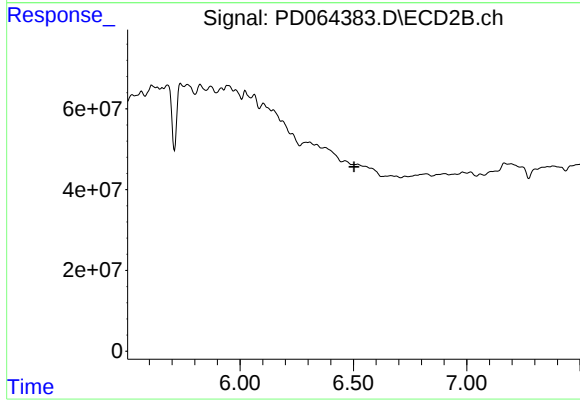
#17 4,4'-DDT

R.T.: 6.464 min  
Delta R.T.: 0.039 min  
Response: -9656952  
Conc: N.D.



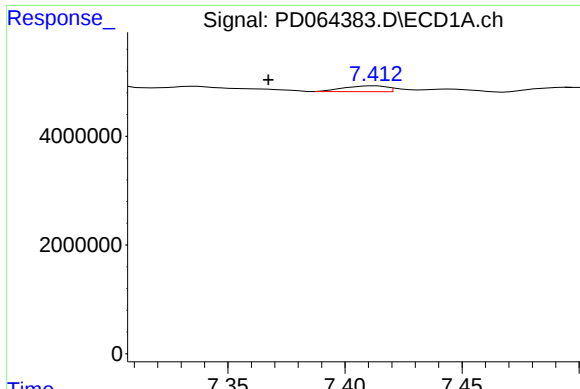
#18 Endrin aldehyde

R.T.: 7.128 min  
Delta R.T.: -0.013 min  
Response: 3937733  
Conc: 3.83 ng/ml



#18 Endrin aldehyde

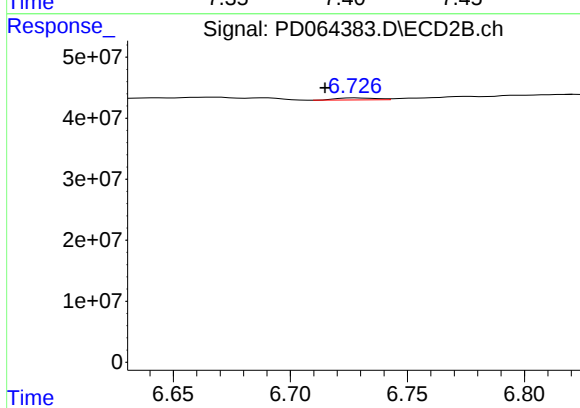
R.T.: 6.464 min  
Delta R.T.: -0.039 min  
Response: -9656952  
Conc: N.D.



#19 Endosulfan Sulfate

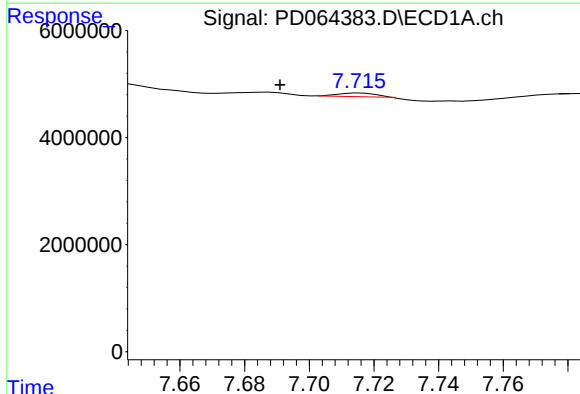
R.T.: 7.413 min  
Delta R.T.: 0.046 min  
Response: 1320370  
Conc: 1.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



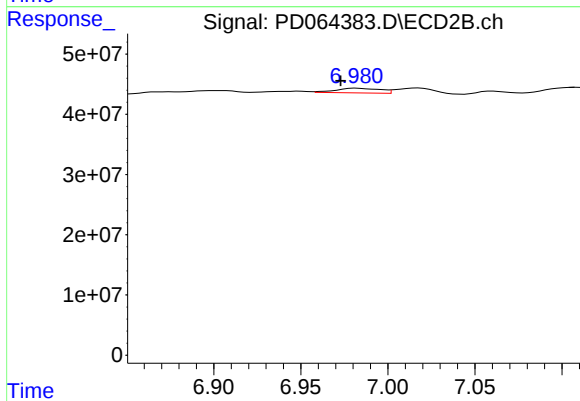
#19 Endosulfan Sulfate

R.T.: 6.728 min  
Delta R.T.: 0.013 min  
Response: 3832252  
Conc: 0.62 ng/ml



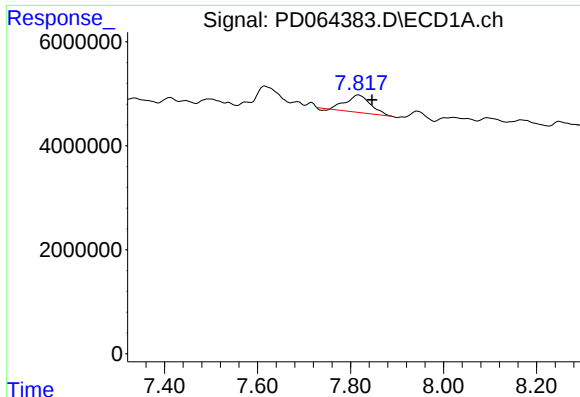
#20 Methoxychlor

R.T.: 7.716 min  
Delta R.T.: 0.025 min  
Response: 418041  
Conc: 0.65 ng/ml



#20 Methoxychlor

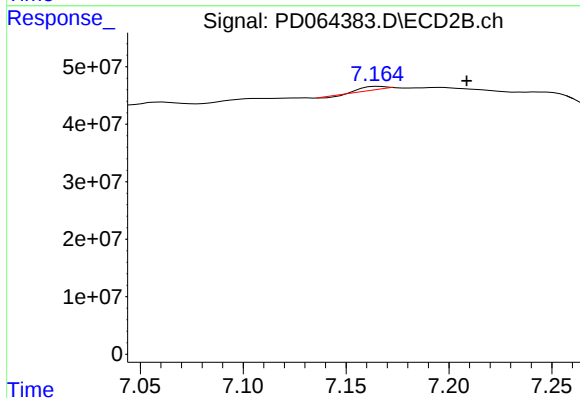
R.T.: 6.982 min  
Delta R.T.: 0.009 min  
Response: 13902234  
Conc: 4.51 ng/ml



#21 Endrin ketone

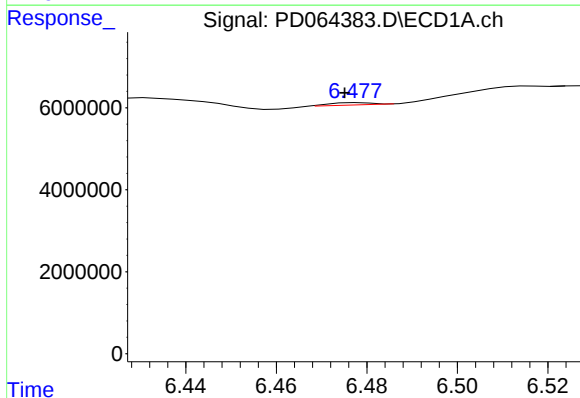
R.T.: 7.817 min  
Delta R.T.: -0.029 min  
Response: 12005407  
Conc: 9.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



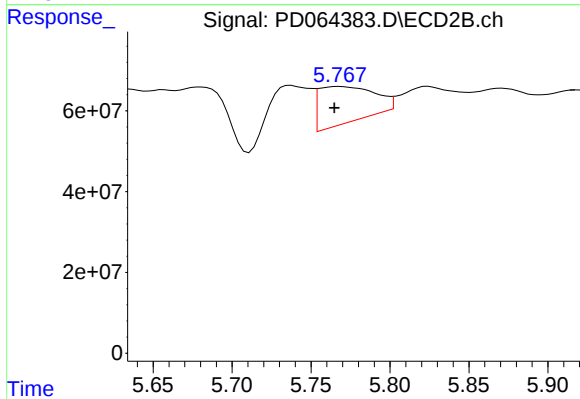
#21 Endrin ketone

R.T.: 7.166 min  
Delta R.T.: -0.043 min  
Response: 4980360  
Conc: 0.74 ng/ml



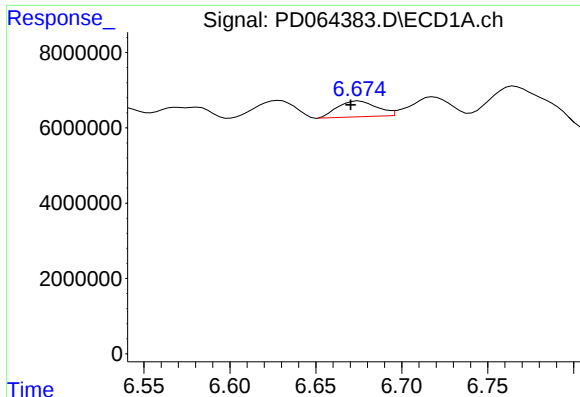
#22 Toxaphene-1

R.T.: 6.478 min  
Delta R.T.: 0.003 min  
Response: 344267  
Conc: 47.48 ng/ml



#22 Toxaphene-1

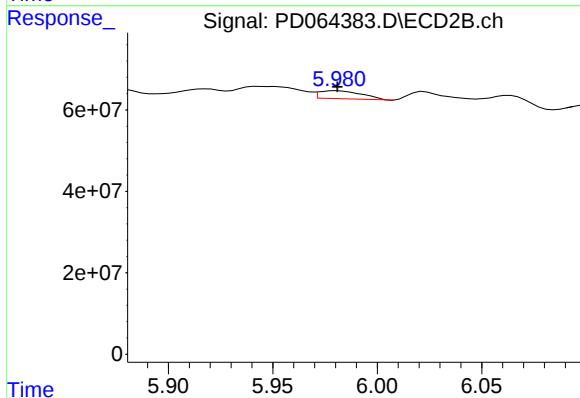
R.T.: 5.768 min  
Delta R.T.: 0.003 min  
Response: 219007271  
Conc: 4131.89 ng/ml



#23 Toxaphene-2

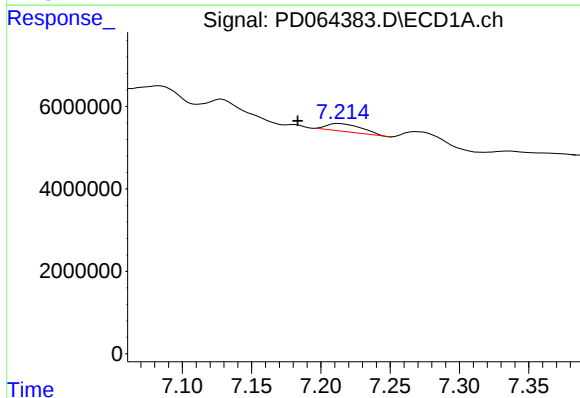
R.T.: 6.675 min  
Delta R.T.: 0.005 min  
Response: 6603321  
Conc: 564.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



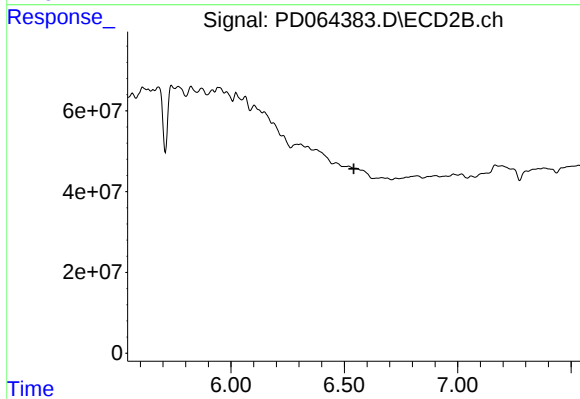
#23 Toxaphene-2

R.T.: 5.981 min  
Delta R.T.: 0.000 min  
Response: 27689044  
Conc: 297.93 ng/ml



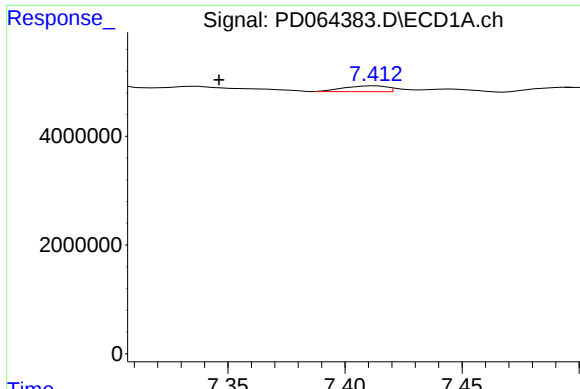
#24 Toxaphene-3

R.T.: 7.213 min  
Delta R.T.: 0.030 min  
Response: 3358030  
Conc: 300.43 ng/ml



#24 Toxaphene-3

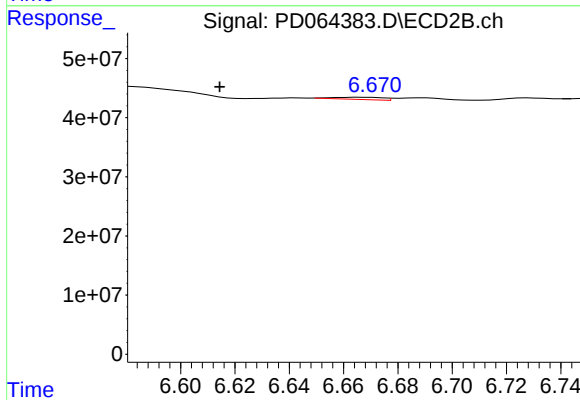
R.T.: 0.000 min  
Exp R.T.: 6.542 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

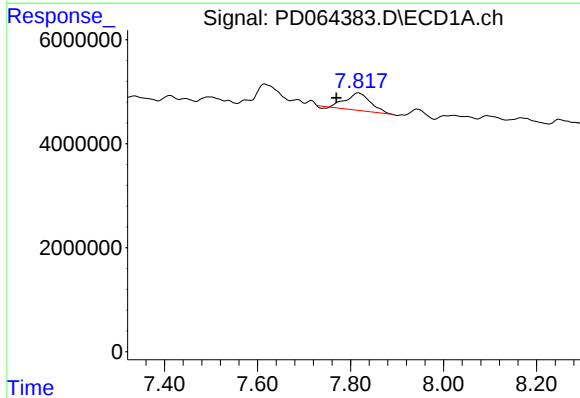
R.T.: 7.413 min  
Delta R.T.: 0.067 min  
Response: 1320370  
Conc: 59.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



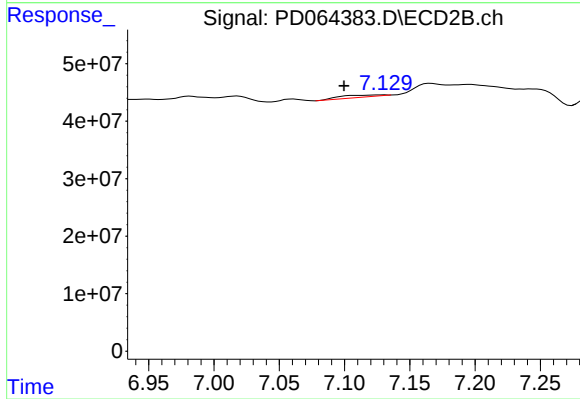
#25 Toxaphene-4

R.T.: 6.666 min  
Delta R.T.: 0.052 min  
Response: 3710971  
Conc: 28.89 ng/ml



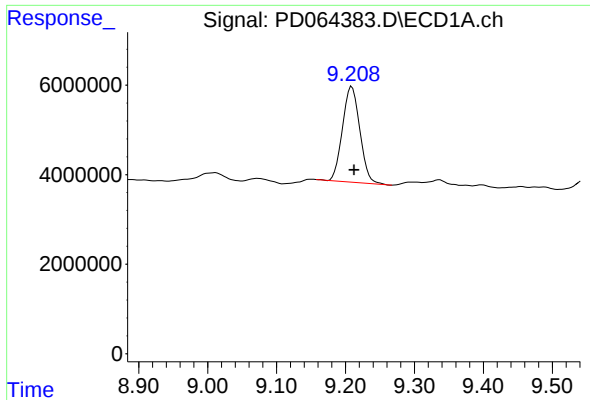
#26 Toxaphene-5

R.T.: 7.817 min  
Delta R.T.: 0.048 min  
Response: 12005407  
Conc: 715.83 ng/ml



#26 Toxaphene-5

R.T.: 7.130 min  
Delta R.T.: 0.031 min  
Response: 8069387  
Conc: 64.84 ng/ml



#27 Decachlorobiphenyl

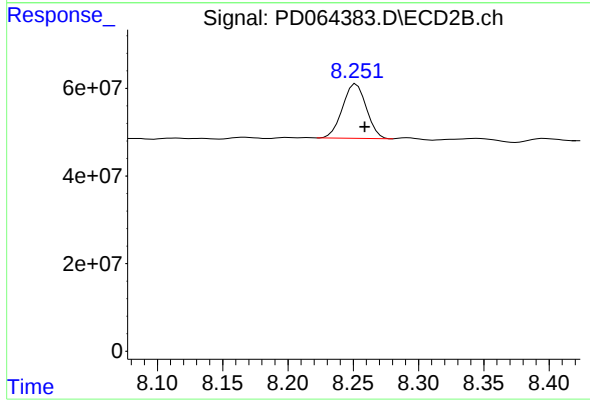
R.T.: 9.209 min

Delta R.T.: -0.003 min

Response: 37289118

Conc: 34.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.252 min

Delta R.T.: -0.007 min

Response: 157851653

Conc: 30.22 ng/ml