

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022121\  
 Data File : PD061365.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2021 22:59  
 Operator : DD\AJ  
 Sample : M1412-18  
 Misc :  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 DBGY3

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 05:04:50 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022121CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 22 04:35:05 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... | 3.487  | 3.982  | 9971278   | 63495207   | 10.828   | 7.593 #     |
| 27)                         | SA Decachlor... | 8.262  | 9.037  | 70408722  | 101.7E6    | 57.227   | 14.147 #    |
| Target Compounds            |                 |        |        |           |            |          |             |
| 2)                          | A alpha-BHC     | 3.924  | 4.388  | 1906188   | 33769398   | 1.441    | 2.630 #     |
| 3)                          | MA gamma-BHC... | 4.217  | 4.632  | 3067944   | 3787899    | 2.385    | 0.324 #     |
| 4)                          | MA Heptachlor   | 0.000  | 5.161  | 0         | 2927402    | N.D.     | 0.248       |
| 5)                          | MB Aldrin       | 4.768  | 5.490  | -6835978  | 144.7E6    | N.D.     | 13.266      |
| 6)                          | B beta-BHC      | 4.427f | 4.839  | 3771645   | 53888853   | 6.100    | 10.969 #    |
| 7)                          | B delta-BHC     | 4.668  | 5.039  | 1057330   | 6329865    | 0.818    | 0.543 #     |
| 8)                          | B Heptachlor... | 5.229  | 5.844  | 4505865   | 437.7E6    | 3.768    | 44.101 #    |
| 9)                          | A Endosulfan I  | 5.571  | 6.189  | 10187257  | 45979258   | 8.637    | 4.978 #     |
| 10)                         | B trans-Chl...  | 5.455  | 6.102  | 47721729  | -192137928 | 38.249   | N.D. #      |
| 11)                         | B cis-Chlor...  | 5.479  | 6.189  | 31319028  | 45979258   | 25.788   | 4.835 #     |
| 12)                         | B 4,4'-DDE      | 5.659  | 6.315  | -14496469 | 375.4E6    | N.D.     | 39.363      |
| 13)                         | MA Dieldrin     | 5.786  | 6.458  | 155.4E6   | 77043518   | 121.673  | 7.839 #     |
| 14)                         | MA Endrin       | 6.046  | 6.675  | 12537101  | 773.6E6    | 11.812   | 100.208 #   |
| 15)                         | B Endosulfa...  | 6.311  | 6.879  | 82913205  | 11077182   | 81.787   | 1.442 #     |
| 16)                         | A 4,4'-DDD      | 6.187  | 6.811  | -5564509  | 672.5E6    | N.D.     | 87.767      |
| 17)                         | MA 4,4'-DDT     | 6.416  | 7.107  | 165.7E6   | 212.9E6    | 164.739  | 28.558 #    |
| 18)                         | B Endrin al...  | 6.511  | 7.018  | 5950161   | 91960653   | 6.625    | 14.726 #    |
| 20)                         | A Methoxychlor  | 6.950  | 7.522f | 10775911  | 71966086   | 19.332   | 20.595      |
| 21)                         | B Endrin ke...  | 7.204  | 7.674  | 11667819  | 295.8E6    | 9.762    | 40.935 #    |
| 22)                         | Toxaphene-1     | 5.749  | 6.358  | 13443883  | 51113045   | 1270.330 | 917.474 #   |
| 23)                         | Toxaphene-2     | 5.916  | 6.675  | 72837060  | 773.6E6    | 6841.713 | 11207.041 # |
| 24)                         | Toxaphene-3     | 6.239  | 7.078  | 74224681  | 1000.3E6   | 6764.368 | 10515.438 # |
| 25)                         | Toxaphene-4     | 6.311  | 7.107  | 82913205  | 212.9E6    | 3066.322 | 828.696 #   |
| 26)                         | Toxaphene-5     | 7.104  | 7.674  | 6341035   | 295.8E6    | 214.554  | 2732.943 #  |
| -----                       |                 |        |        |           |            |          |             |

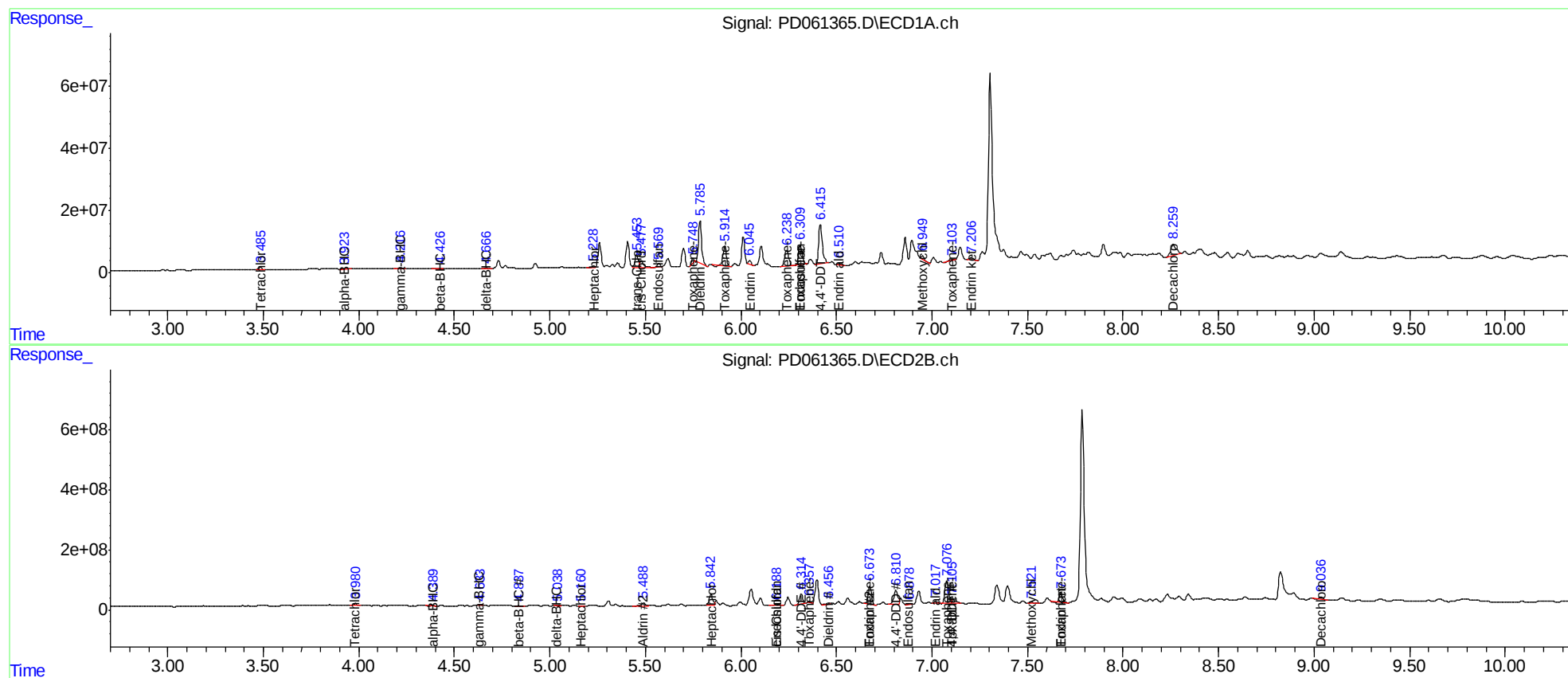
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

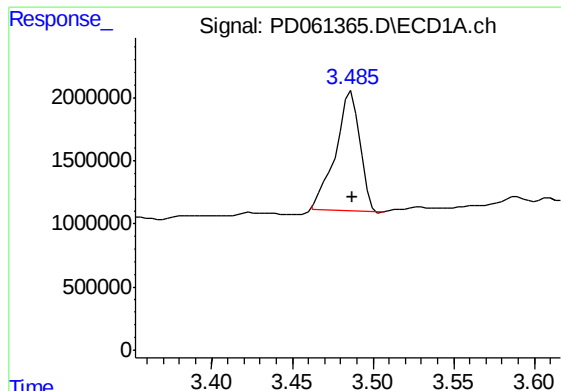
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD022121\  
Data File : PD061365.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2021 22:59  
Operator : DD\AJ  
Sample : M1412-18  
Misc :  
ALS Vial : 42 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
DBGY3

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 05:04:50 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD022121CLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Feb 22 04:35:05 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

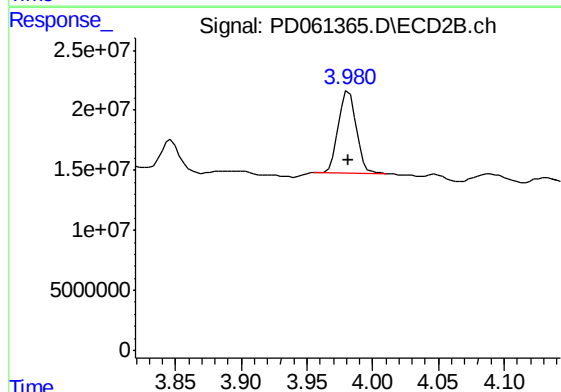




#1 Tetrachloro-m-xylene

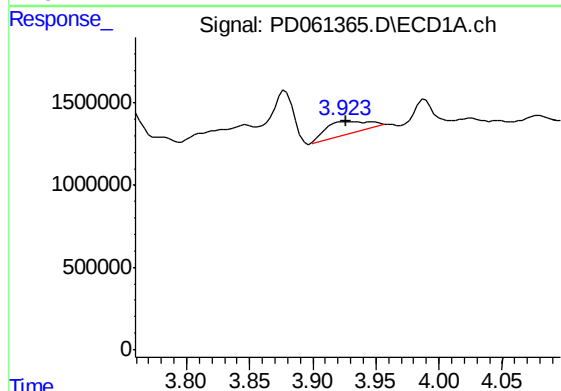
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 9971278  
Conc: 10.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



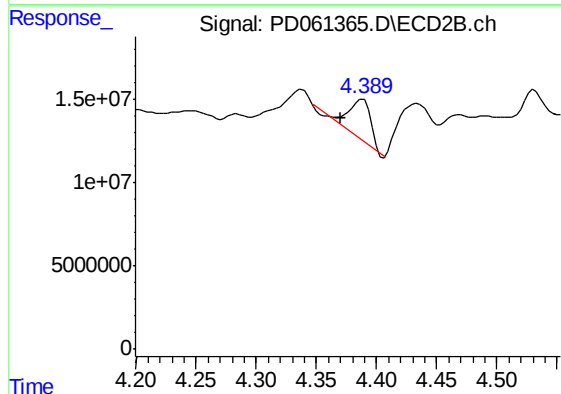
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 63495207  
Conc: 7.59 ng/ml



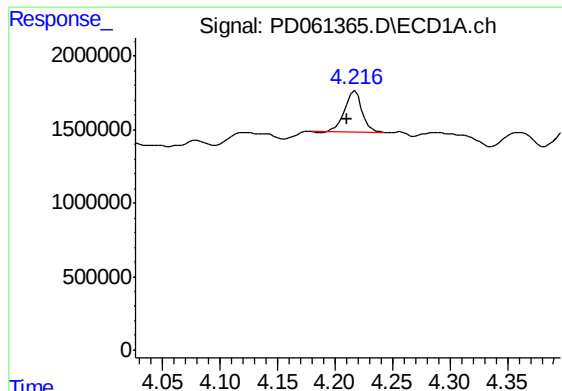
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: -0.002 min  
Response: 1906188  
Conc: 1.44 ng/ml



#2 alpha-BHC

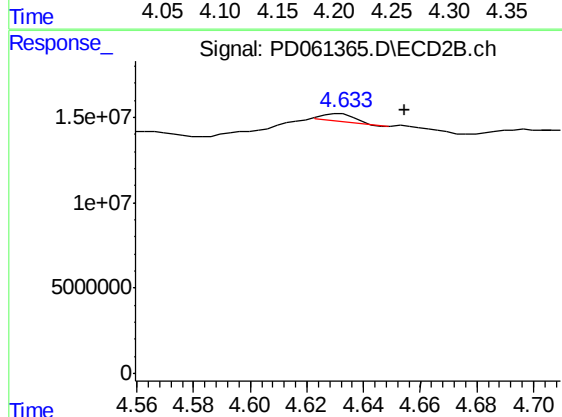
R.T.: 4.388 min  
Delta R.T.: 0.018 min  
Response: 33769398  
Conc: 2.63 ng/ml



#3 gamma-BHC (Lindane)

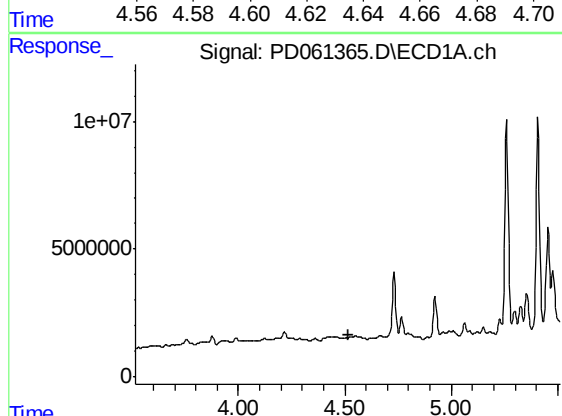
R.T.: 4.217 min  
Delta R.T.: 0.006 min  
Response: 3067944  
Conc: 2.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



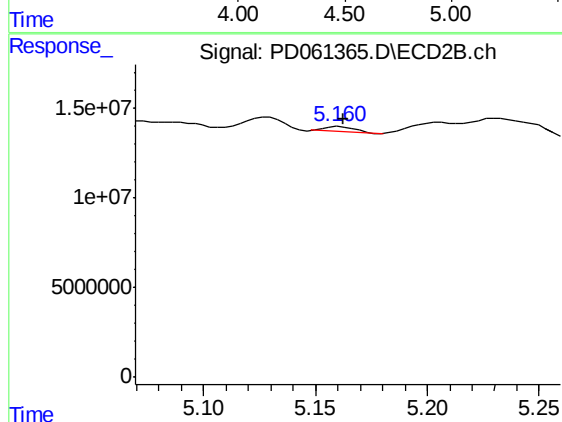
#3 gamma-BHC (Lindane)

R.T.: 4.632 min  
Delta R.T.: -0.022 min  
Response: 3787899  
Conc: 0.32 ng/ml



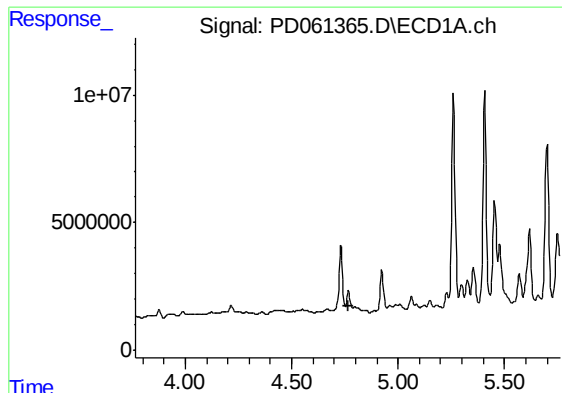
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.515 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

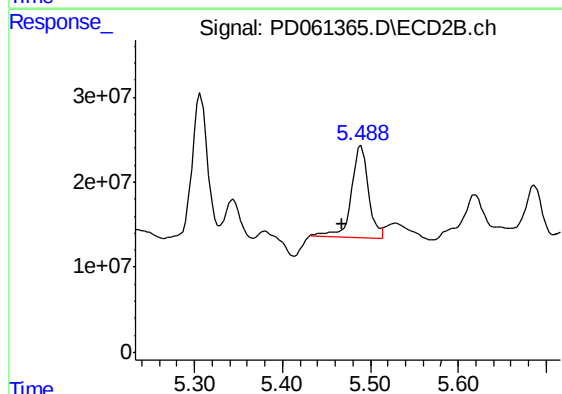
R.T.: 5.161 min  
Delta R.T.: -0.002 min  
Response: 2927402  
Conc: 0.25 ng/ml



#5 Aldrin

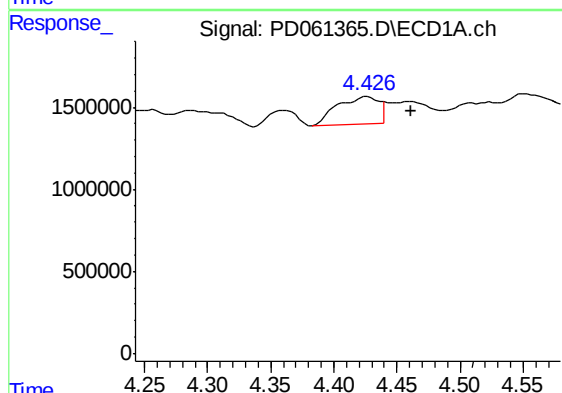
R.T.: 4.768 min  
Delta R.T.: 0.002 min  
Response: -6835978  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



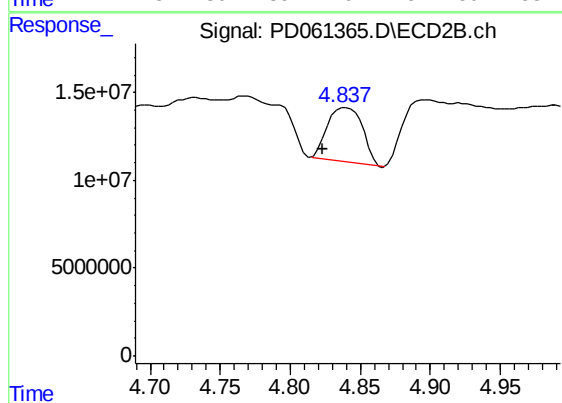
#5 Aldrin

R.T.: 5.490 min  
Delta R.T.: 0.022 min  
Response: 144670441  
Conc: 13.27 ng/ml



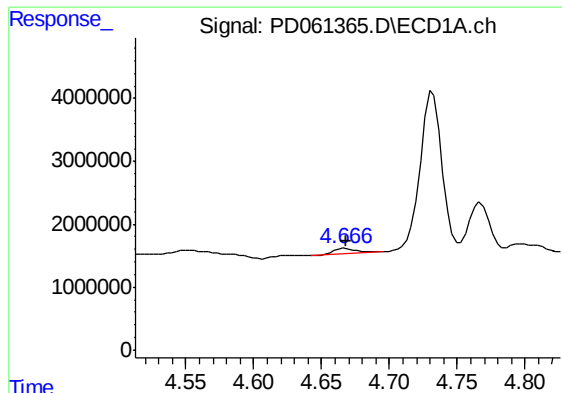
#6 beta-BHC

R.T.: 4.427 min  
Delta R.T.: -0.034 min  
Response: 3771645  
Conc: 6.10 ng/ml



#6 beta-BHC

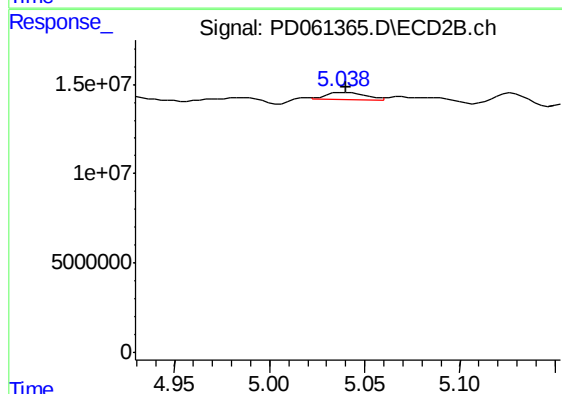
R.T.: 4.839 min  
Delta R.T.: 0.016 min  
Response: 53888853  
Conc: 10.97 ng/ml



#7 delta-BHC

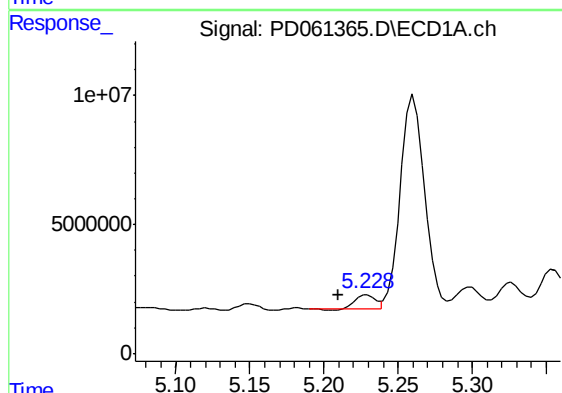
R.T.: 4.668 min  
Delta R.T.: 0.000 min  
Response: 1057330  
Conc: 0.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



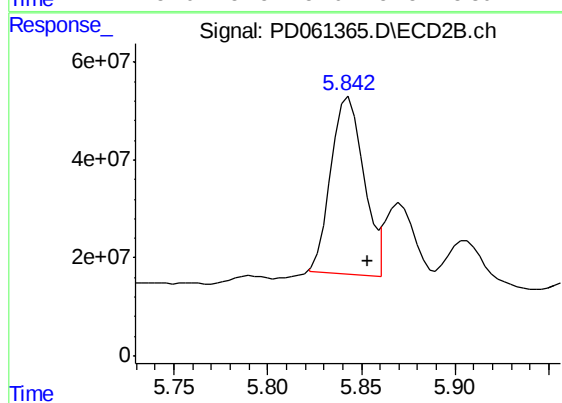
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: 0.000 min  
Response: 6329865  
Conc: 0.54 ng/ml



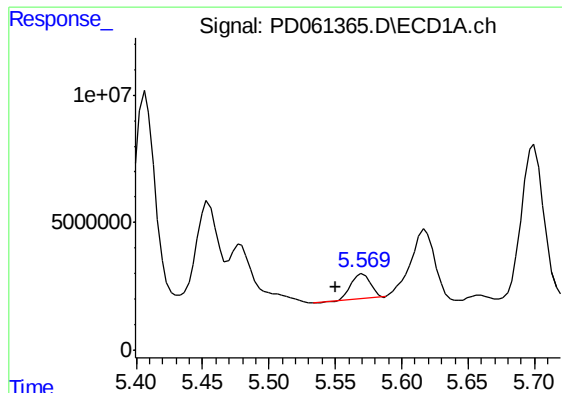
#8 Heptachlor epoxide

R.T.: 5.229 min  
Delta R.T.: 0.020 min  
Response: 4505865  
Conc: 3.77 ng/ml



#8 Heptachlor epoxide

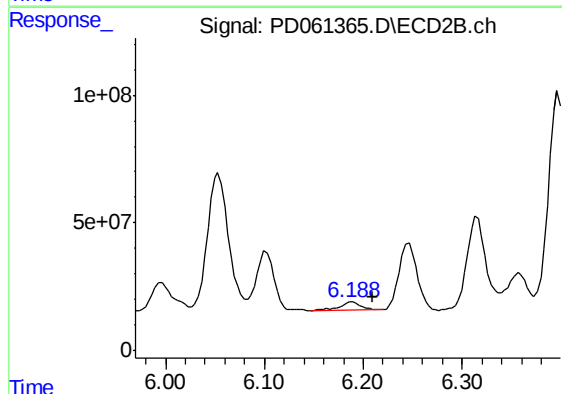
R.T.: 5.844 min  
Delta R.T.: -0.010 min  
Response: 437745019  
Conc: 44.10 ng/ml



#9 Endosulfan I

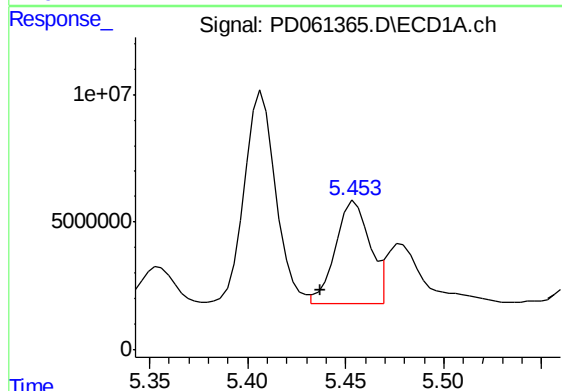
R.T.: 5.571 min  
Delta R.T.: 0.020 min  
Response: 10187257  
Conc: 8.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



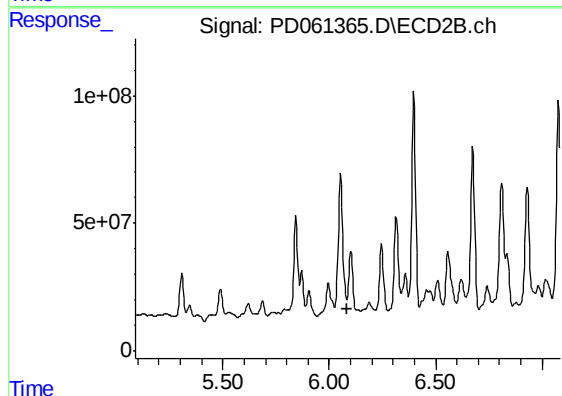
#9 Endosulfan I

R.T.: 6.189 min  
Delta R.T.: -0.020 min  
Response: 45979258  
Conc: 4.98 ng/ml



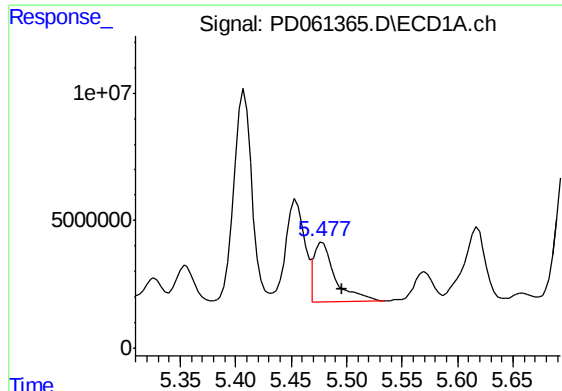
#10 trans-Chlordane

R.T.: 5.455 min  
Delta R.T.: 0.017 min  
Response: 47721729  
Conc: 38.25 ng/ml



#10 trans-Chlordane

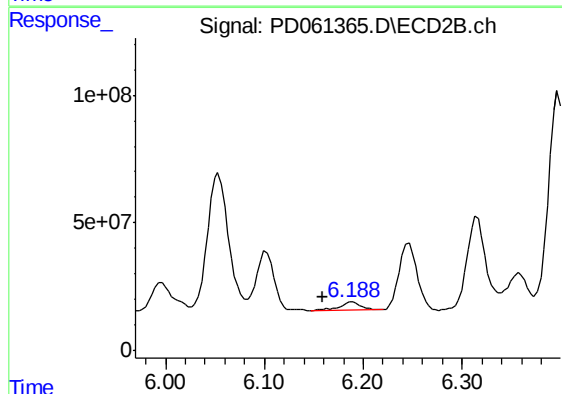
R.T.: 6.102 min  
Delta R.T.: 0.015 min  
Response: -192137928  
Conc: N.D.



#11 cis-Chlordane

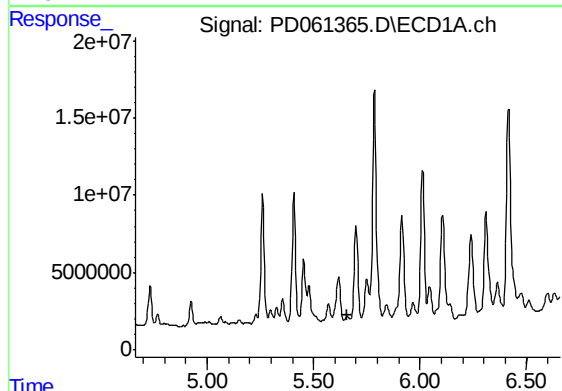
R.T.: 5.479 min  
Delta R.T.: -0.018 min  
Response: 31319028  
Conc: 25.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



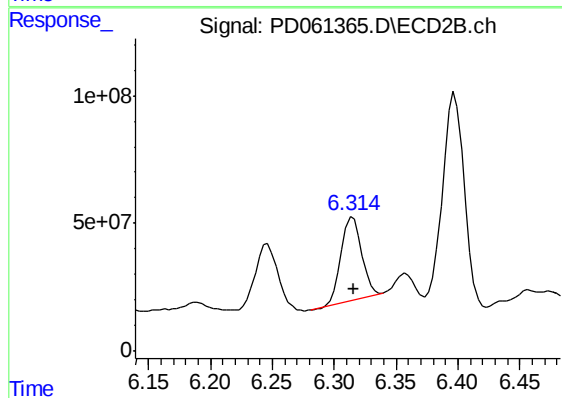
#11 cis-Chlordane

R.T.: 6.189 min  
Delta R.T.: 0.029 min  
Response: 45979258  
Conc: 4.84 ng/ml



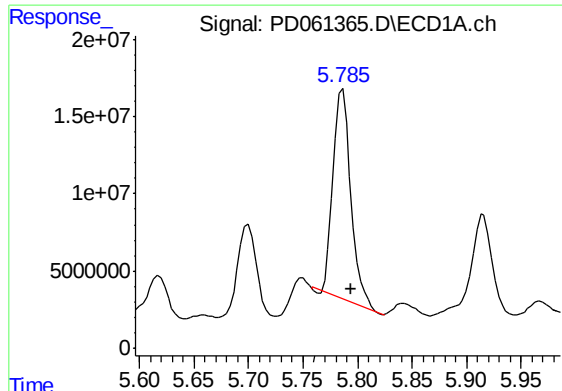
#12 4,4'-DDE

R.T.: 5.659 min  
Delta R.T.: 0.000 min  
Response: -14496469  
Conc: N.D.



#12 4,4'-DDE

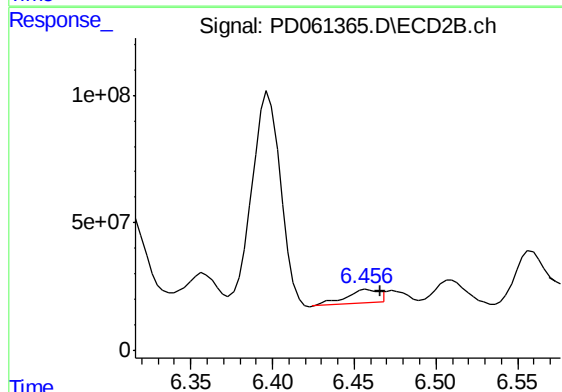
R.T.: 6.315 min  
Delta R.T.: 0.000 min  
Response: 375374351  
Conc: 39.36 ng/ml



#13 Dieldrin

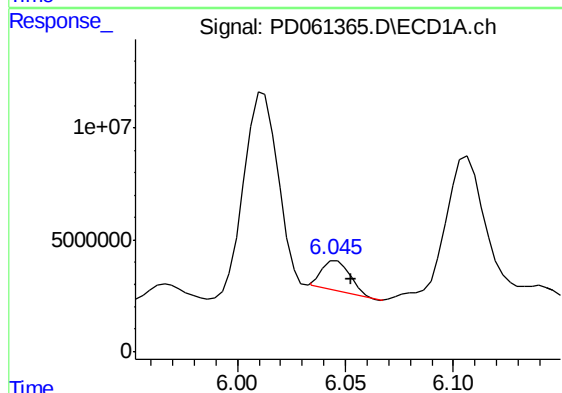
R.T.: 5.786 min  
Delta R.T.: -0.008 min  
Response: 155411239  
Conc: 121.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



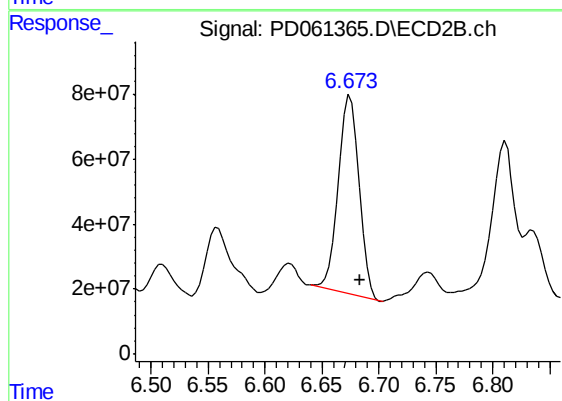
#13 Dieldrin

R.T.: 6.458 min  
Delta R.T.: -0.008 min  
Response: 77043518  
Conc: 7.84 ng/ml



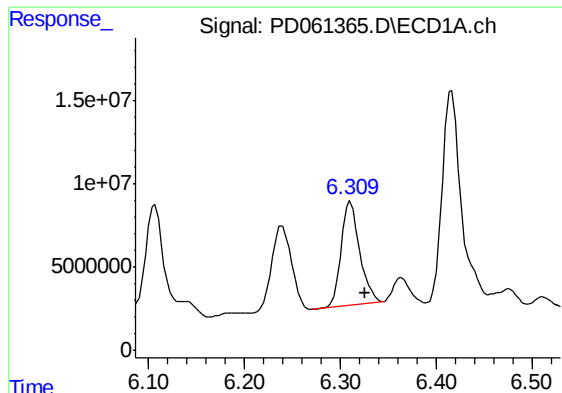
#14 Endrin

R.T.: 6.046 min  
Delta R.T.: -0.007 min  
Response: 12537101  
Conc: 11.81 ng/ml



#14 Endrin

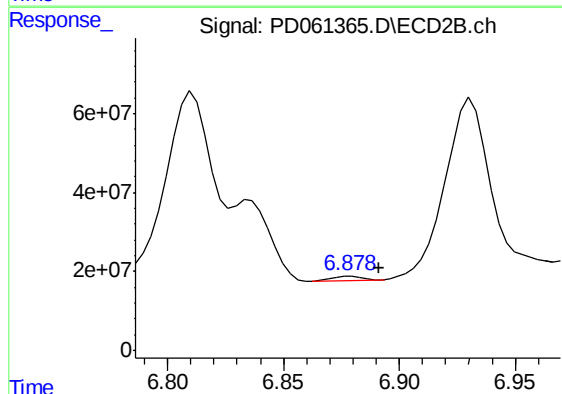
R.T.: 6.675 min  
Delta R.T.: -0.009 min  
Response: 773550169  
Conc: 100.21 ng/ml



#15 Endosulfan II

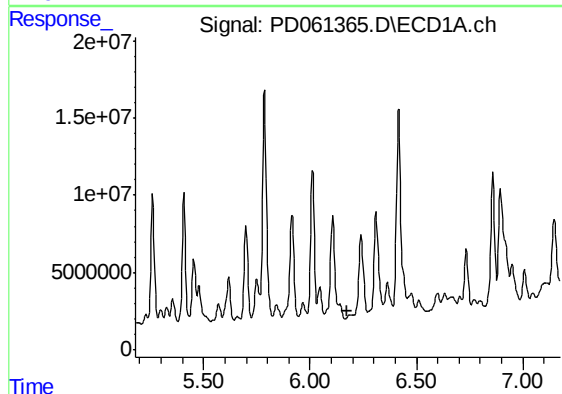
R.T.: 6.311 min  
Delta R.T.: -0.016 min  
Response: 82913205  
Conc: 81.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



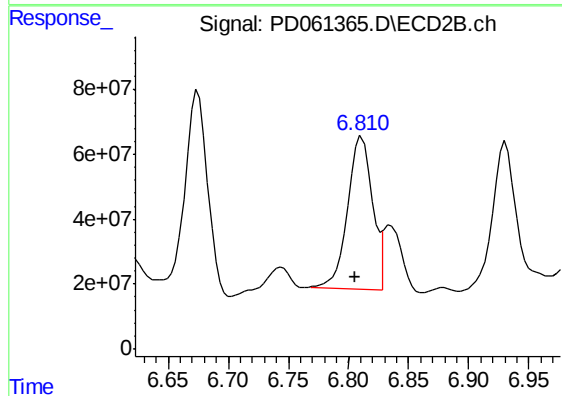
#15 Endosulfan II

R.T.: 6.879 min  
Delta R.T.: -0.012 min  
Response: 11077182  
Conc: 1.44 ng/ml



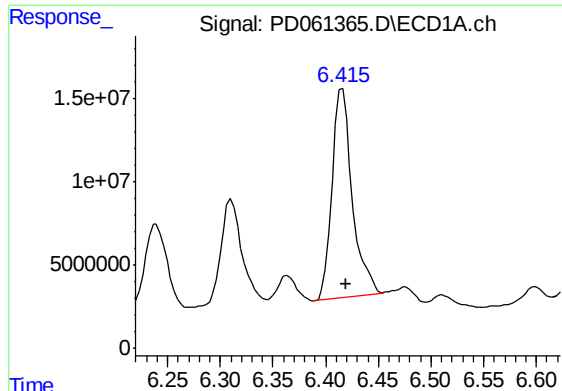
#16 4,4'-DDD

R.T.: 6.187 min  
Delta R.T.: 0.010 min  
Response: -5564509  
Conc: N.D.



#16 4,4'-DDD

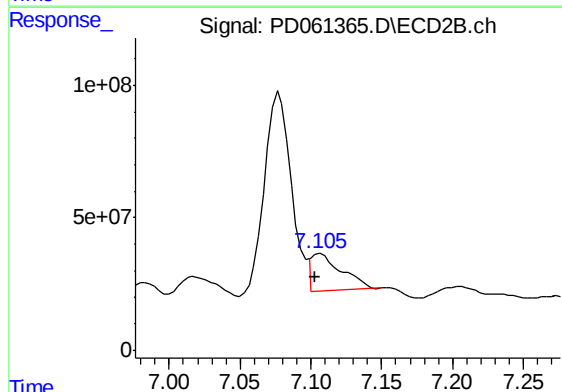
R.T.: 6.811 min  
Delta R.T.: 0.006 min  
Response: 672544548  
Conc: 87.77 ng/ml



#17 4,4'-DDT

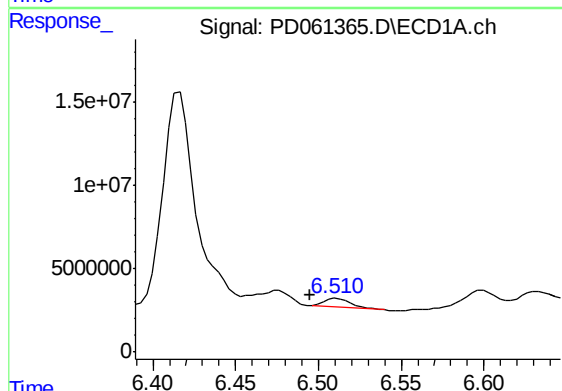
R.T.: 6.416 min  
Delta R.T.: -0.003 min  
Response: 165742864  
Conc: 164.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



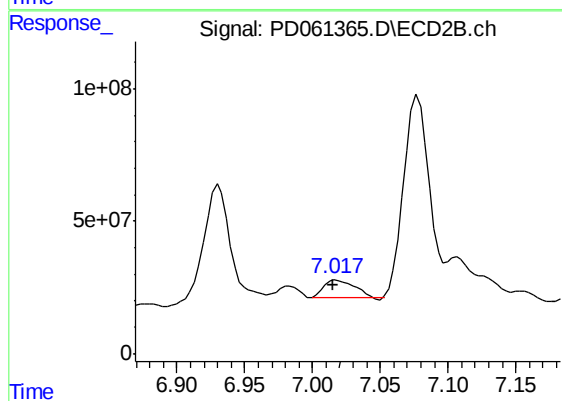
#17 4,4'-DDT

R.T.: 7.107 min  
Delta R.T.: 0.004 min  
Response: 212876965  
Conc: 28.56 ng/ml



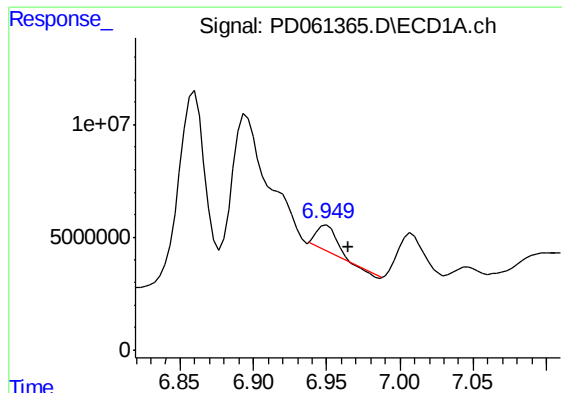
#18 Endrin aldehyde

R.T.: 6.511 min  
Delta R.T.: 0.017 min  
Response: 5950161  
Conc: 6.63 ng/ml



#18 Endrin aldehyde

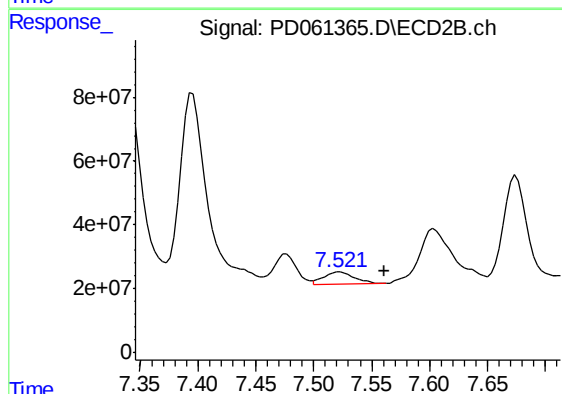
R.T.: 7.018 min  
Delta R.T.: 0.003 min  
Response: 91960653  
Conc: 14.73 ng/ml



#20 Methoxychlor

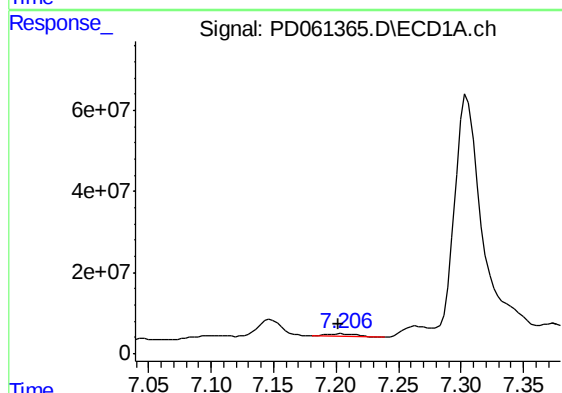
R.T.: 6.950 min  
Delta R.T.: -0.015 min  
Response: 10775911  
Conc: 19.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



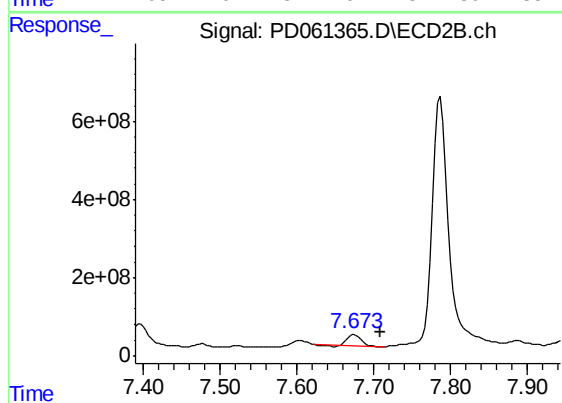
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: -0.038 min  
Response: 71966086  
Conc: 20.59 ng/ml



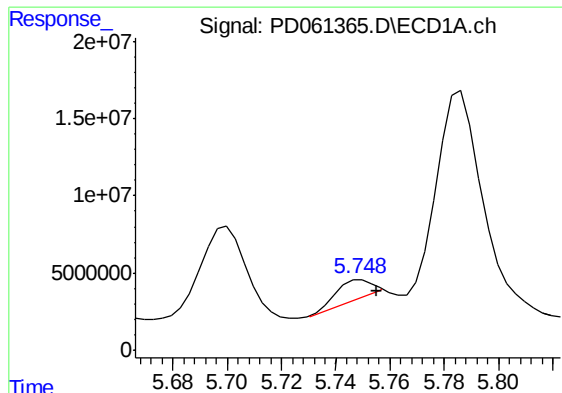
#21 Endrin ketone

R.T.: 7.204 min  
Delta R.T.: 0.002 min  
Response: 11667819  
Conc: 9.76 ng/ml



#21 Endrin ketone

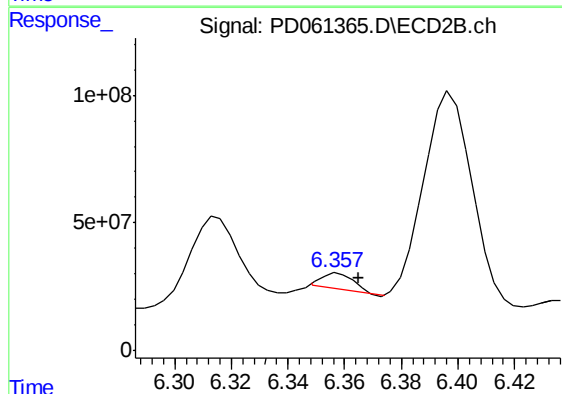
R.T.: 7.674 min  
Delta R.T.: -0.035 min  
Response: 295768457  
Conc: 40.93 ng/ml



#22 Toxaphene-1

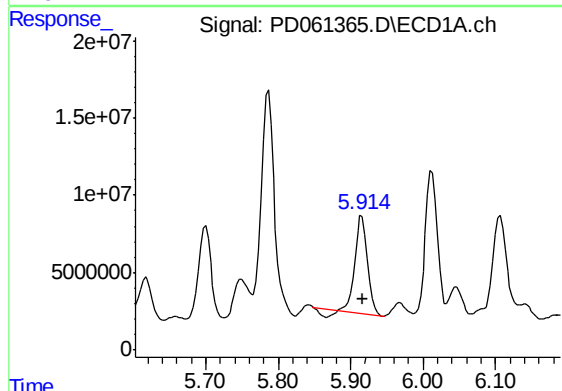
R.T.: 5.749 min  
Delta R.T.: -0.005 min  
Response: 13443883  
Conc: 1270.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



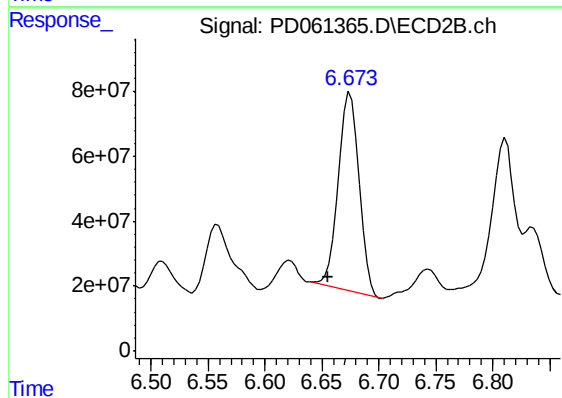
#22 Toxaphene-1

R.T.: 6.358 min  
Delta R.T.: -0.007 min  
Response: 51113045  
Conc: 917.47 ng/ml



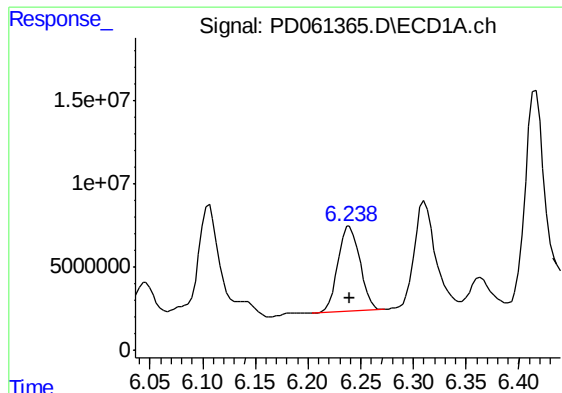
#23 Toxaphene-2

R.T.: 5.916 min  
Delta R.T.: -0.001 min  
Response: 72837060  
Conc: 6841.71 ng/ml



#23 Toxaphene-2

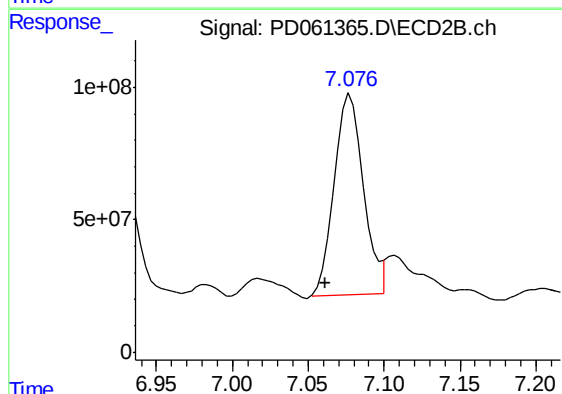
R.T.: 6.675 min  
Delta R.T.: 0.019 min  
Response: 773550169  
Conc: 11207.04 ng/ml



#24 Toxaphene-3

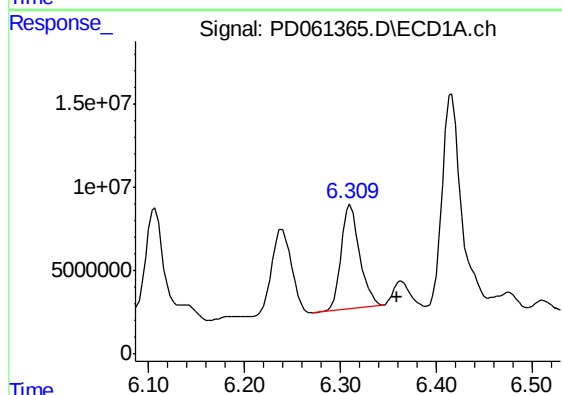
R.T.: 6.239 min  
Delta R.T.: 0.000 min  
Response: 74224681  
Conc: 6764.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



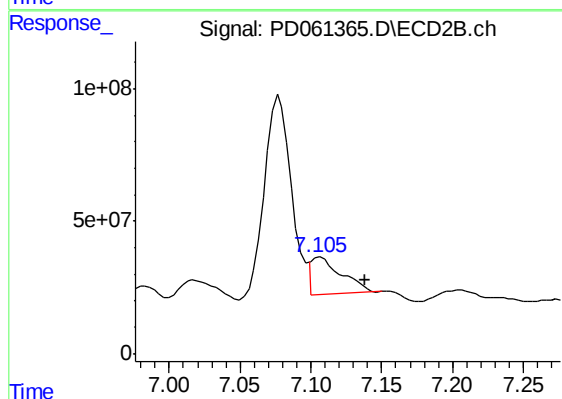
#24 Toxaphene-3

R.T.: 7.078 min  
Delta R.T.: 0.016 min  
Response: 1000299207  
Conc: 10515.44 ng/ml



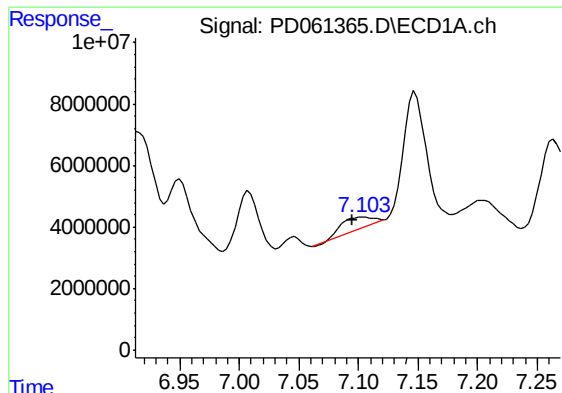
#25 Toxaphene-4

R.T.: 6.311 min  
Delta R.T.: -0.049 min  
Response: 82913205  
Conc: 3066.32 ng/ml



#25 Toxaphene-4

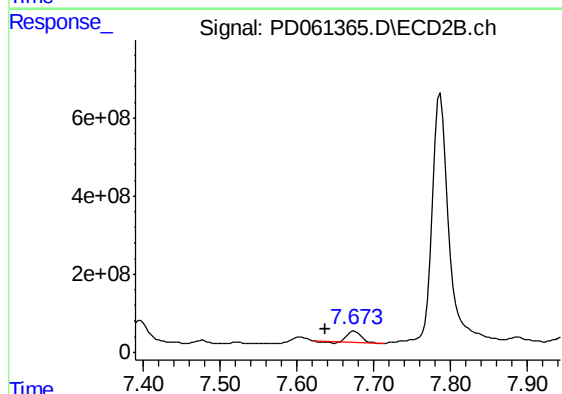
R.T.: 7.107 min  
Delta R.T.: -0.031 min  
Response: 212876965  
Conc: 828.70 ng/ml



#26 Toxaphene-5

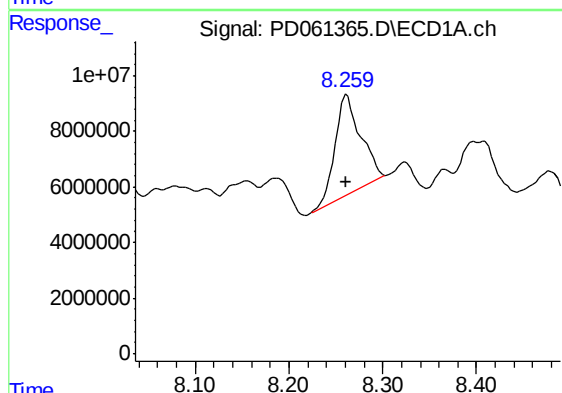
R.T.: 7.104 min  
Delta R.T.: 0.010 min  
Response: 6341035  
Conc: 214.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
DBGY3



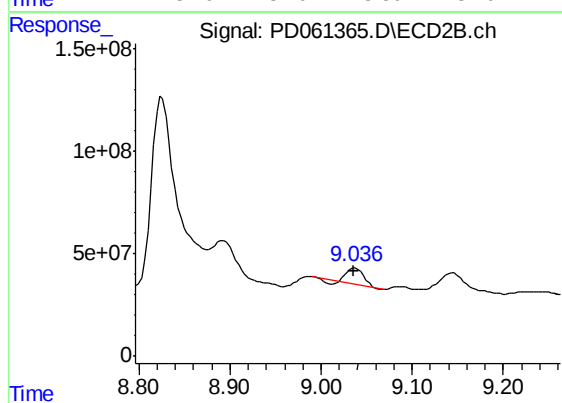
#26 Toxaphene-5

R.T.: 7.674 min  
Delta R.T.: 0.037 min  
Response: 295768457  
Conc: 2732.94 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.262 min  
Delta R.T.: 0.001 min  
Response: 70408722  
Conc: 57.23 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.000 min  
Response: 101678432  
Conc: 14.15 ng/ml