

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
 Data File : PD063868.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jun 2021 18:36  
 Operator : AR\AJ  
 Sample : M2596-10  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 BG5Q6

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 02:24:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 15 03:10:50 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... | 3.437  | 3.971  | 12167384 | 44767850  | 7.827    | 2.827 #    |
| 27)                         | SA Decachlor... | 8.189  | 9.027  | 83292834 | 128.6E6   | 48.119   | 9.274 #    |
| Target Compounds            |                 |        |        |          |           |          |            |
| 2)                          | A alpha-BHC     | 3.835f | 4.371  | 1024814  | 25901147  | 0.438    | 1.043 #    |
| 3)                          | MA gamma-BHC... | 4.162  | 4.624  | 64952626 | 232.2E6   | 28.540   | 10.178 #   |
| 4)                          | MA Heptachlor   | 4.438  | 5.181f | 6084728  | 93310673  | 2.787    | 4.005 #    |
| 5)                          | MB Aldrin       | 4.702  | 5.457  | 3150854  | 42077554  | 1.555    | 1.910      |
| 6)                          | B beta-BHC      | 4.394  | 4.832  | 4640152  | 57360399  | 4.779    | 5.881      |
| 7)                          | B delta-BHC     | 4.608  | 5.048  | 7225415  | 28778071  | 3.347    | 1.228 #    |
| 8)                          | B Heptachlor... | 5.152  | 5.849  | 5655227  | -32250582 | 2.982    | N.D. #     |
| 9)                          | A Endosulfan I  | 5.479  | 6.198  | 531833   | 55769999  | 0.291    | 2.815 #    |
| 10)                         | B trans-Chl...  | 5.378  | 6.061  | 1650403  | 917.6E6   | 0.849    | 43.623 #   |
| 11)                         | B cis-Chlor...  | 5.450  | 6.150  | 5041751  | 49486018  | 2.654    | 2.457      |
| 12)                         | B 4,4'-DDE      | 5.620  | 6.297  | 14074752 | 64073113  | 7.129    | 3.171 #    |
| 13)                         | MA Dieldrin     | 5.732  | 6.485  | 31107616 | 78577753  | 14.864   | 3.756 #    |
| 14)                         | MA Endrin       | 5.982  | 6.693  | 13792040 | -8416414  | 7.626    | N.D. #     |
| 15)                         | B Endosulfa...  | 6.263  | 6.878  | 23390470 | -38592390 | 14.314   | N.D. #     |
| 16)                         | A 4,4'-DDD      | 6.117  | 6.791  | -158721  | 190.4E6   | N.D.     | 11.310     |
| 17)                         | MA 4,4'-DDT     | 6.355  | 7.074  | 3347418  | 78606243  | 1.989    | 4.775 #    |
| 18)                         | B Endrin al...  | 6.446  | 6.999  | 2703143  | 74703954  | 1.893    | 5.310 #    |
| 19)                         | B Endosulfa...  | 6.661  | 7.229  | 47199203 | -57004314 | 30.404   | N.D. #     |
| 20)                         | A Methoxychlor  | 6.875  | 7.534  | 9223700  | 341.9E6   | 10.005   | 44.196 #   |
| 22)                         | Toxaphene-1     | 5.704  | 6.378  | 62760112 | 81836479  | 5285.358 | 938.796 #  |
| 23)                         | Toxaphene-2     | 5.870  | 6.693  | 1126486  | -8416414  | 93.629   | N.D. #     |
| 24)                         | Toxaphene-3     | 6.160  | 7.074  | 4259257  | 78606243  | 311.435  | 570.551 #  |
| 25)                         | Toxaphene-4     | 6.263  | 7.148  | 23390470 | 350.7E6   | 738.722  | 850.062    |
| 26)                         | Toxaphene-5     | 7.012  | 7.608  | 12643349 | 838.0E6   | 354.826  | 4906.082 # |
| -----                       |                 |        |        |          |           |          |            |

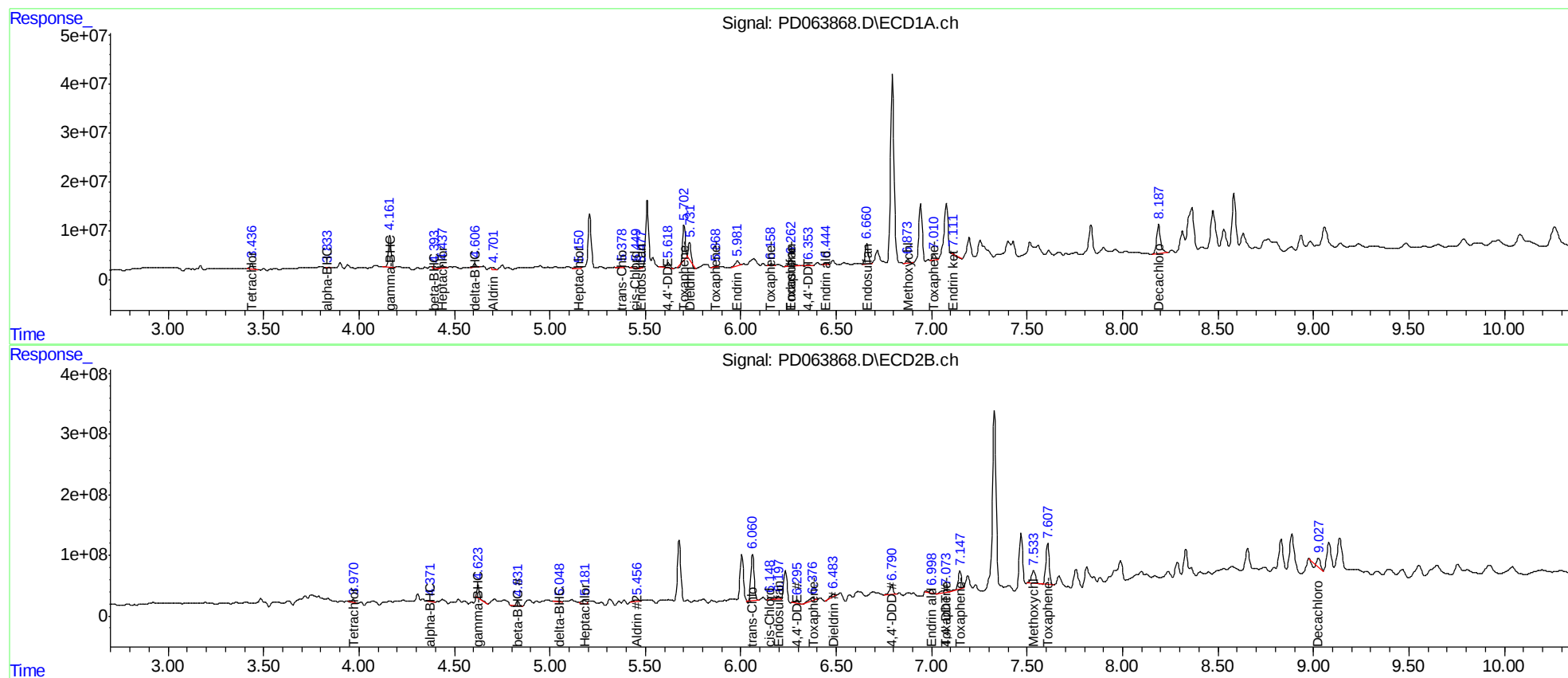
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

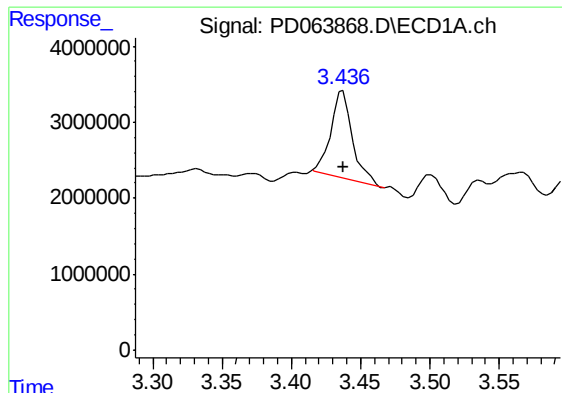
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061521\  
Data File : PD063868.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jun 2021 18:36  
Operator : AR\AJ  
Sample : M2596-10  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 02:24:14 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061421CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 15 03:10:50 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

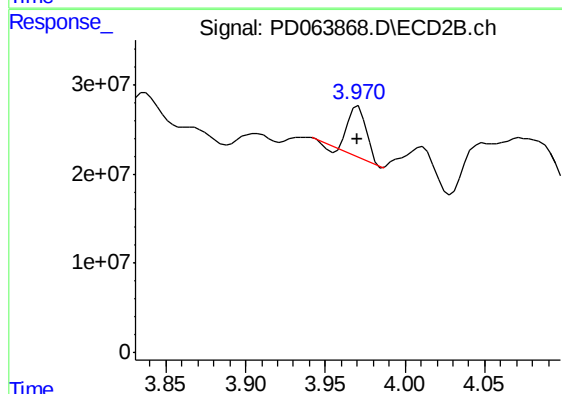




#1 Tetrachloro-m-xylene

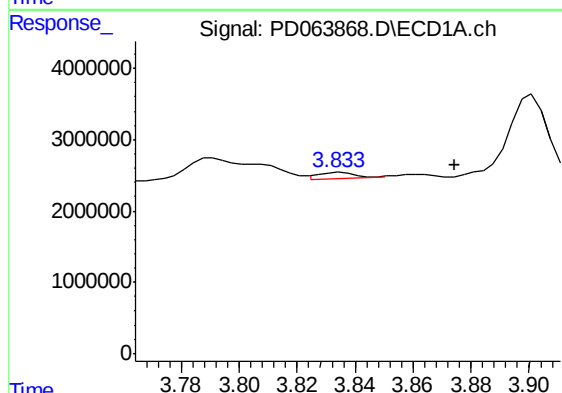
R.T.: 3.437 min  
Delta R.T.: 0.000 min  
Response: 12167384  
Conc: 7.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



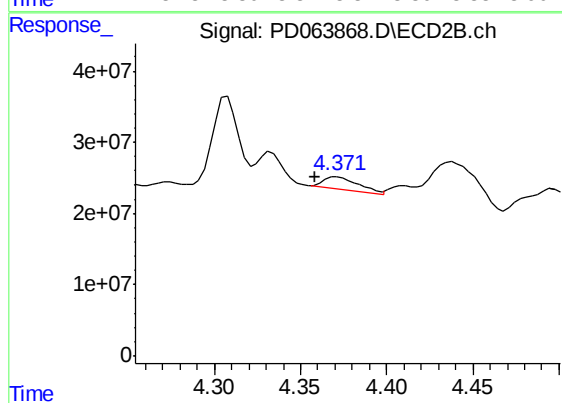
#1 Tetrachloro-m-xylene

R.T.: 3.971 min  
Delta R.T.: 0.000 min  
Response: 44767850  
Conc: 2.83 ng/ml



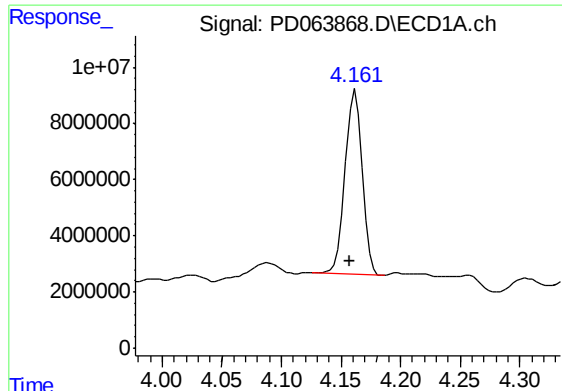
#2 alpha-BHC

R.T.: 3.835 min  
Delta R.T.: -0.040 min  
Response: 1024814  
Conc: 0.44 ng/ml



#2 alpha-BHC

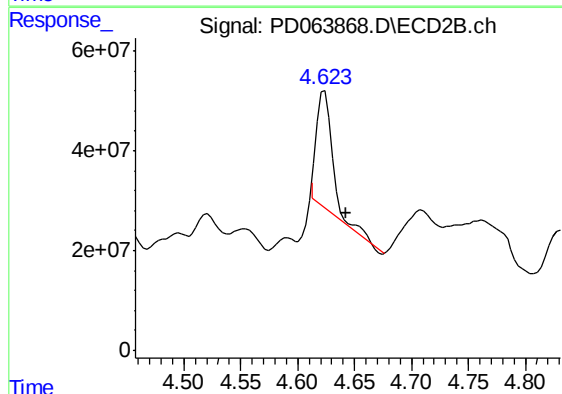
R.T.: 4.371 min  
Delta R.T.: 0.013 min  
Response: 25901147  
Conc: 1.04 ng/ml



#3 gamma-BHC (Lindane)

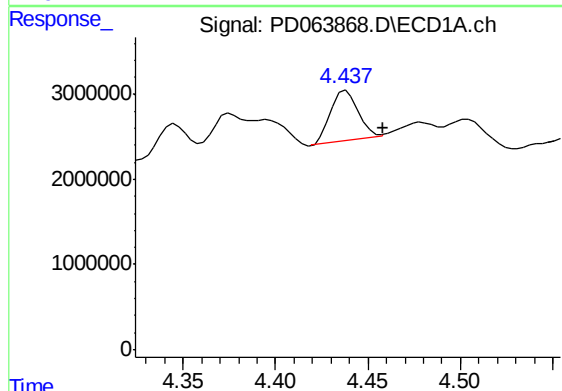
R.T.: 4.162 min  
Delta R.T.: 0.004 min  
Response: 64952626  
Conc: 28.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



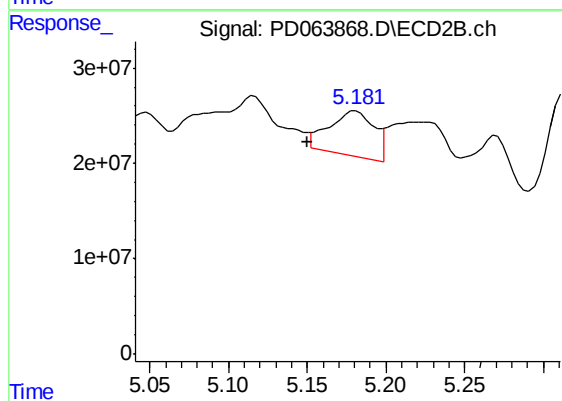
#3 gamma-BHC (Lindane)

R.T.: 4.624 min  
Delta R.T.: -0.019 min  
Response: 232231868  
Conc: 10.18 ng/ml



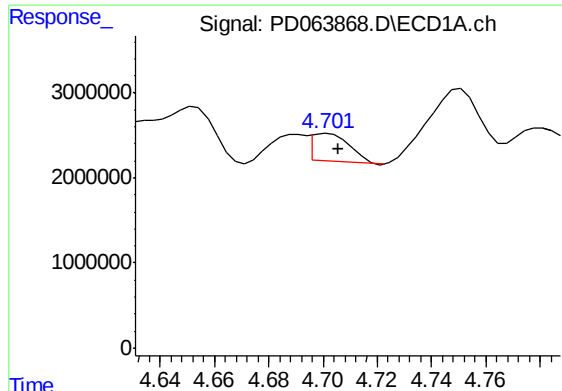
#4 Heptachlor

R.T.: 4.438 min  
Delta R.T.: -0.020 min  
Response: 6084728  
Conc: 2.79 ng/ml



#4 Heptachlor

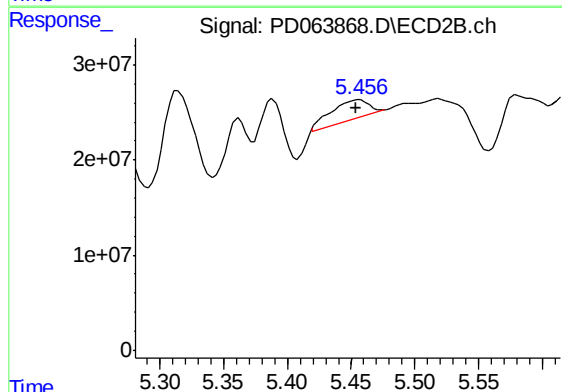
R.T.: 5.181 min  
Delta R.T.: 0.030 min  
Response: 93310673  
Conc: 4.01 ng/ml



#5 Aldrin

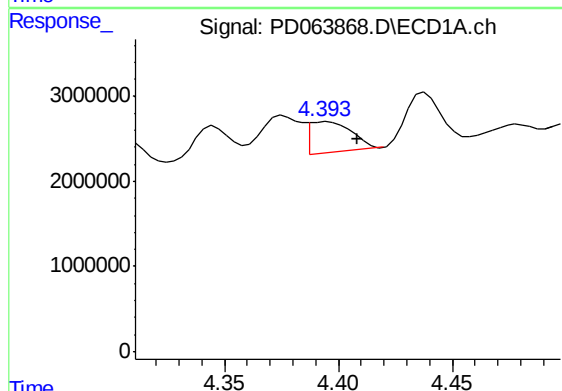
R.T.: 4.702 min  
Delta R.T.: -0.003 min  
Response: 3150854  
Conc: 1.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



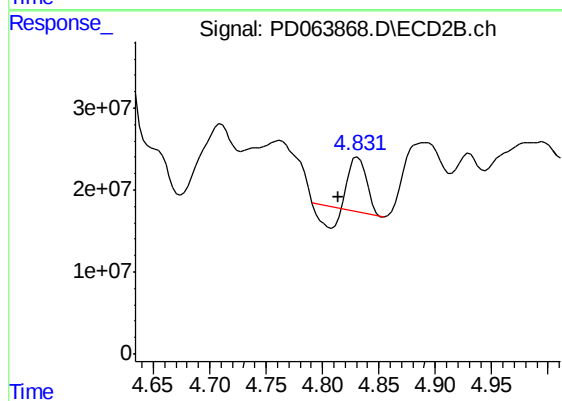
#5 Aldrin

R.T.: 5.457 min  
Delta R.T.: 0.002 min  
Response: 42077554  
Conc: 1.91 ng/ml



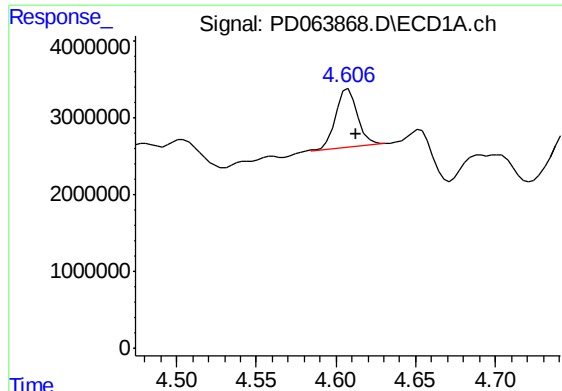
#6 beta-BHC

R.T.: 4.394 min  
Delta R.T.: -0.014 min  
Response: 4640152  
Conc: 4.78 ng/ml



#6 beta-BHC

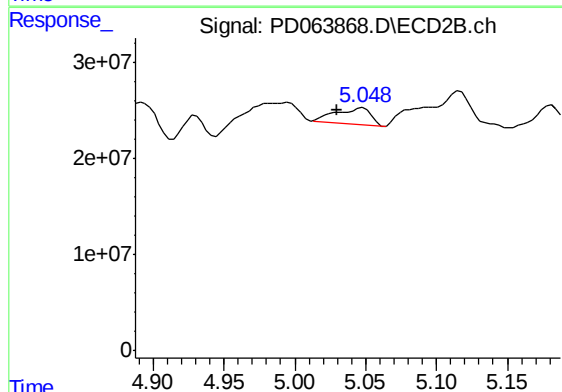
R.T.: 4.832 min  
Delta R.T.: 0.018 min  
Response: 57360399  
Conc: 5.88 ng/ml



#7 delta-BHC

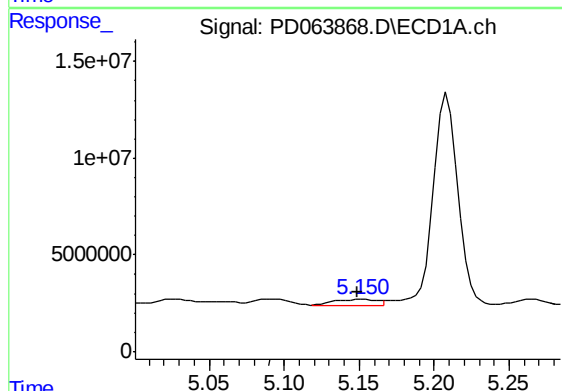
R.T.: 4.608 min  
Delta R.T.: -0.004 min  
Response: 7225415  
Conc: 3.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



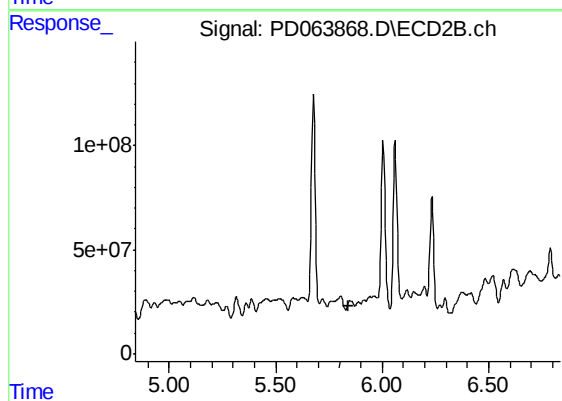
#7 delta-BHC

R.T.: 5.048 min  
Delta R.T.: 0.018 min  
Response: 28778071  
Conc: 1.23 ng/ml



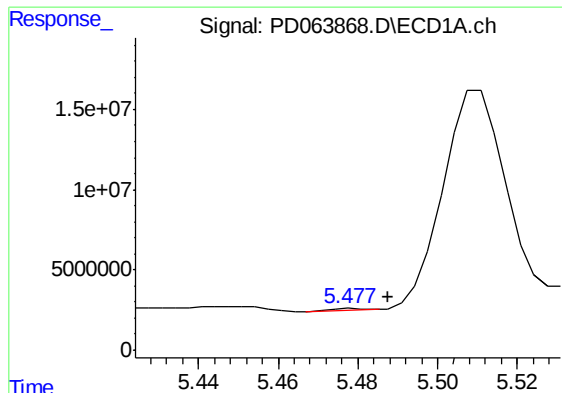
#8 Heptachlor epoxide

R.T.: 5.152 min  
Delta R.T.: 0.003 min  
Response: 5655227  
Conc: 2.98 ng/ml



#8 Heptachlor epoxide

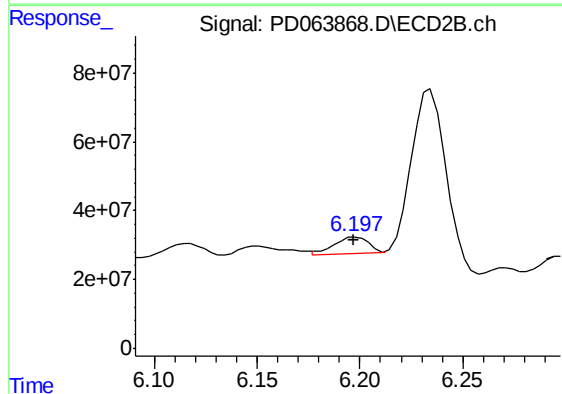
R.T.: 5.849 min  
Delta R.T.: 0.009 min  
Response: -32250582  
Conc: N.D.



#9 Endosulfan I

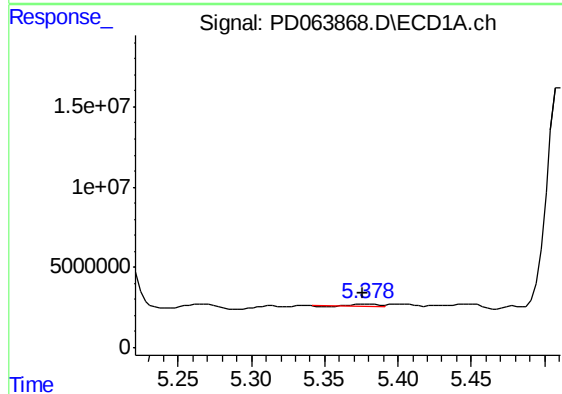
R.T.: 5.479 min  
Delta R.T.: -0.009 min  
Response: 531833  
Conc: 0.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



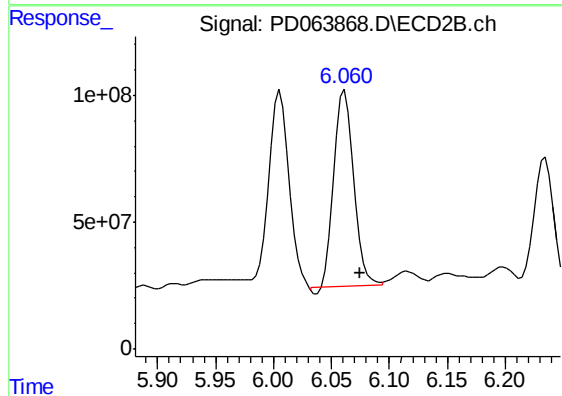
#9 Endosulfan I

R.T.: 6.198 min  
Delta R.T.: 0.002 min  
Response: 55769999  
Conc: 2.82 ng/ml



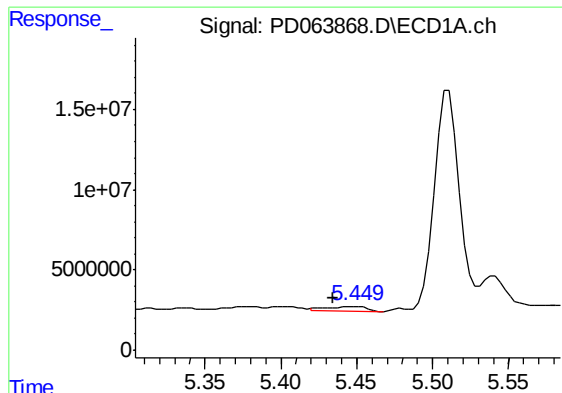
#10 trans-Chlordane

R.T.: 5.378 min  
Delta R.T.: 0.003 min  
Response: 1650403  
Conc: 0.85 ng/ml



#10 trans-Chlordane

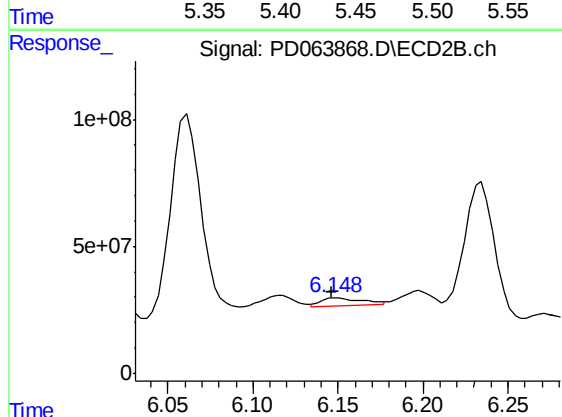
R.T.: 6.061 min  
Delta R.T.: -0.013 min  
Response: 917592900  
Conc: 43.62 ng/ml



#11 cis-Chlordane

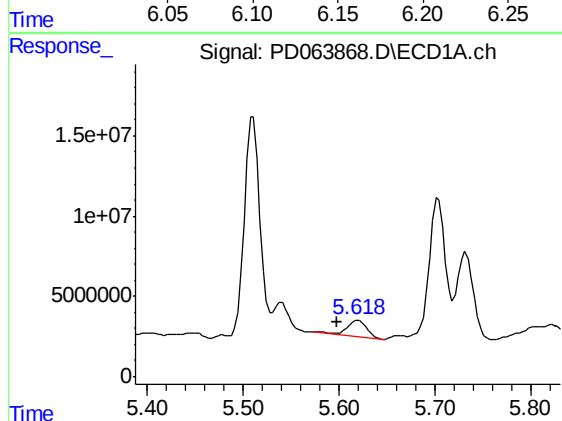
R.T.: 5.450 min  
Delta R.T.: 0.015 min  
Response: 5041751  
Conc: 2.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



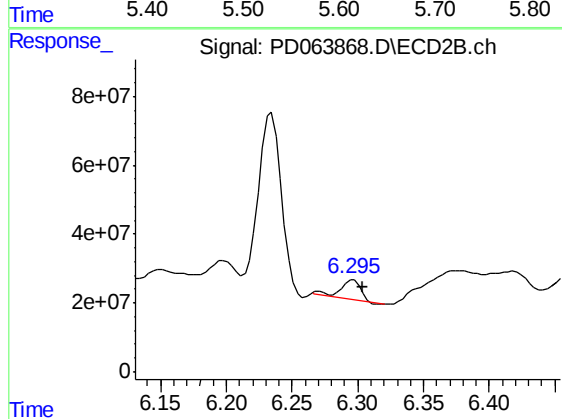
#11 cis-Chlordane

R.T.: 6.150 min  
Delta R.T.: 0.003 min  
Response: 49486018  
Conc: 2.46 ng/ml



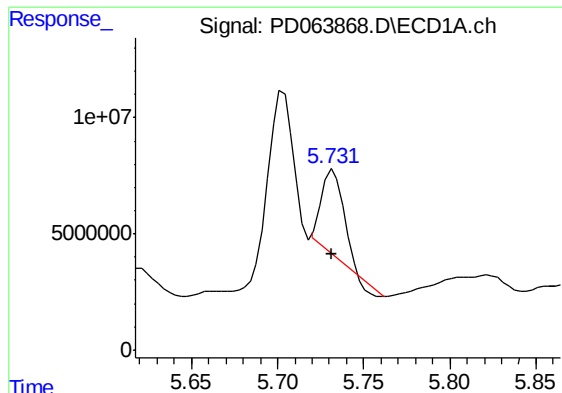
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.022 min  
Response: 14074752  
Conc: 7.13 ng/ml



#12 4,4'-DDE

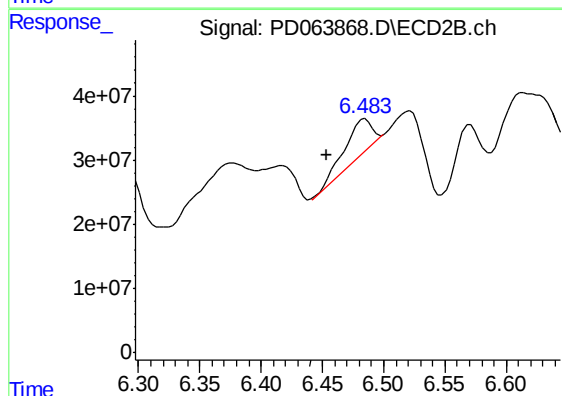
R.T.: 6.297 min  
Delta R.T.: -0.007 min  
Response: 64073113  
Conc: 3.17 ng/ml



#13 Dieldrin

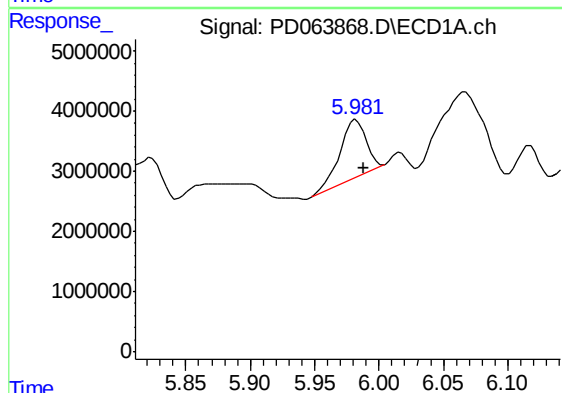
R.T.: 5.732 min  
Delta R.T.: 0.000 min  
Response: 31107616  
Conc: 14.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



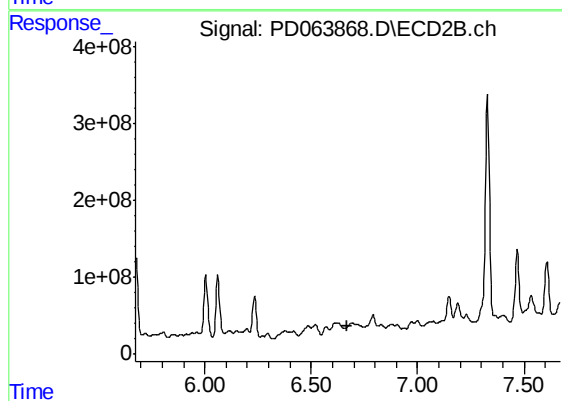
#13 Dieldrin

R.T.: 6.485 min  
Delta R.T.: 0.031 min  
Response: 78577753  
Conc: 3.76 ng/ml



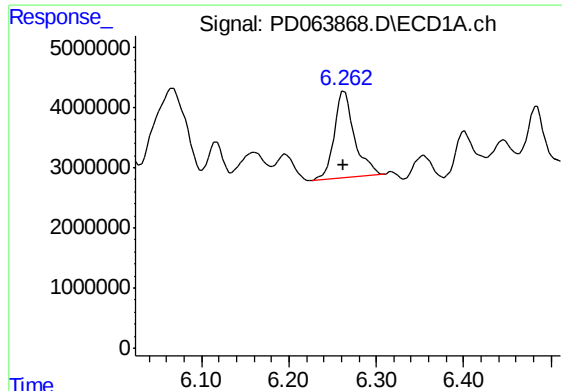
#14 Endrin

R.T.: 5.982 min  
Delta R.T.: -0.006 min  
Response: 13792040  
Conc: 7.63 ng/ml



#14 Endrin

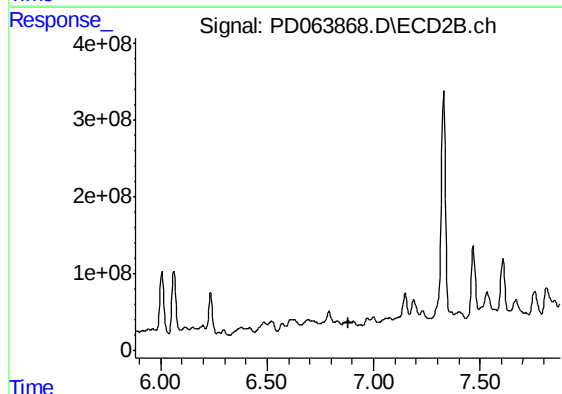
R.T.: 6.693 min  
Delta R.T.: 0.022 min  
Response: -8416414  
Conc: N.D.



#15 Endosulfan II

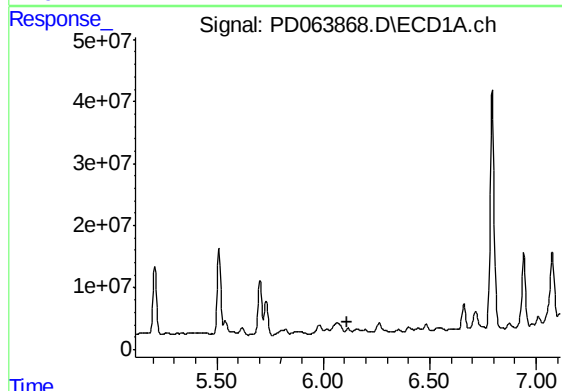
R.T.: 6.263 min  
Delta R.T.: 0.001 min  
Response: 23390470  
Conc: 14.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



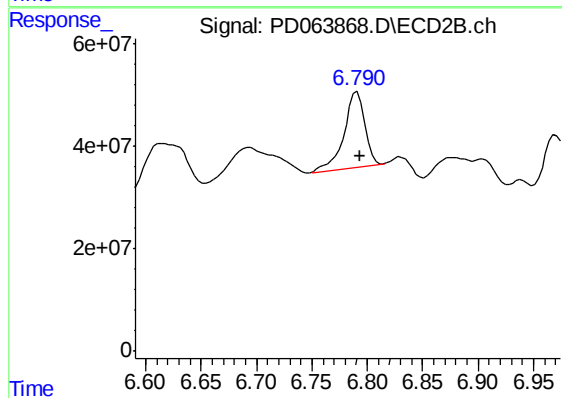
#15 Endosulfan II

R.T.: 6.878 min  
Delta R.T.: -0.002 min  
Response: -38592390  
Conc: N.D.



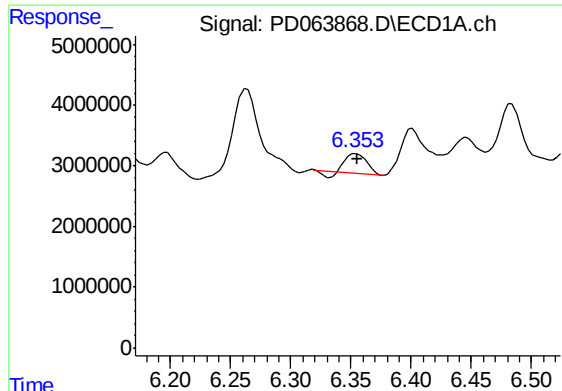
#16 4,4'-DDD

R.T.: 6.117 min  
Delta R.T.: 0.003 min  
Response: -158721  
Conc: N.D.



#16 4,4'-DDD

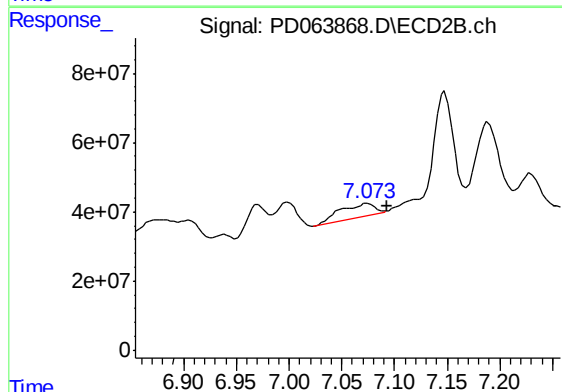
R.T.: 6.791 min  
Delta R.T.: -0.003 min  
Response: 190391424  
Conc: 11.31 ng/ml



#17 4,4'-DDT

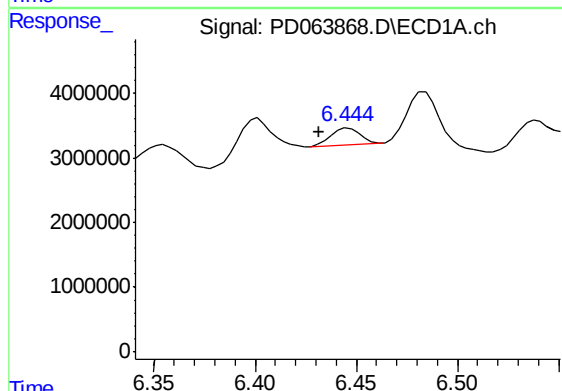
R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 3347418  
Conc: 1.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



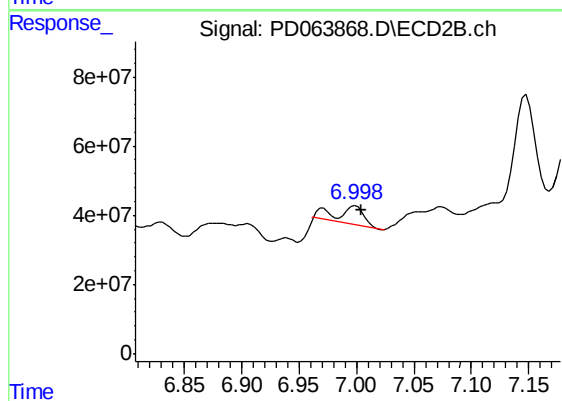
#17 4,4'-DDT

R.T.: 7.074 min  
Delta R.T.: -0.018 min  
Response: 78606243  
Conc: 4.77 ng/ml



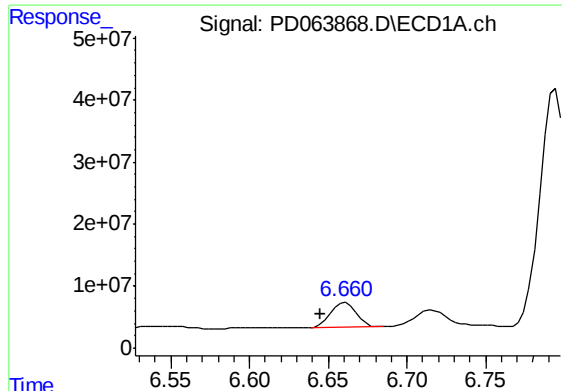
#18 Endrin aldehyde

R.T.: 6.446 min  
Delta R.T.: 0.014 min  
Response: 2703143  
Conc: 1.89 ng/ml



#18 Endrin aldehyde

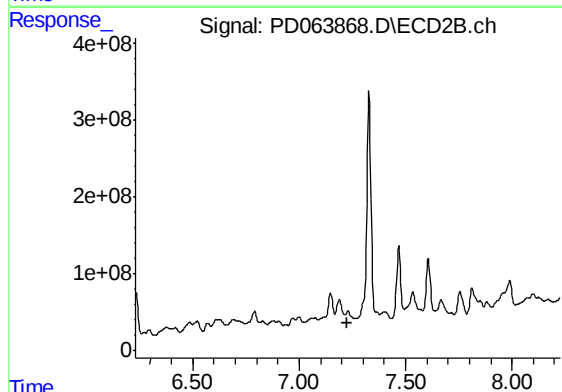
R.T.: 6.999 min  
Delta R.T.: -0.005 min  
Response: 74703954  
Conc: 5.31 ng/ml



#19 Endosulfan Sulfate

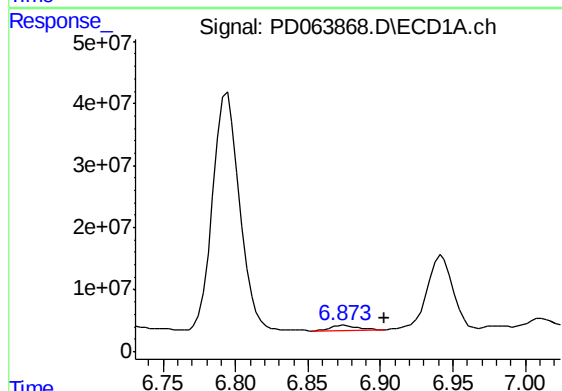
R.T.: 6.661 min  
Delta R.T.: 0.016 min  
Response: 47199203  
Conc: 30.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



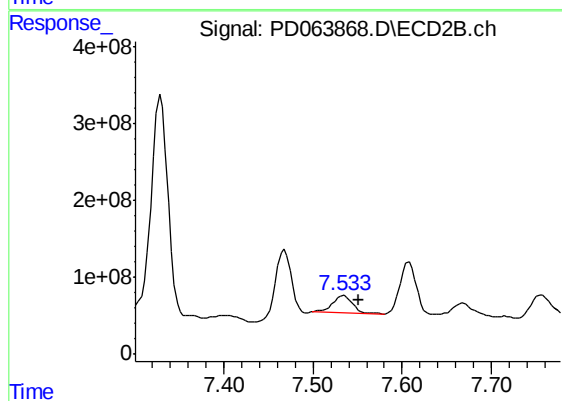
#19 Endosulfan Sulfate

R.T.: 7.229 min  
Delta R.T.: 0.001 min  
Response: -57004314  
Conc: N.D.



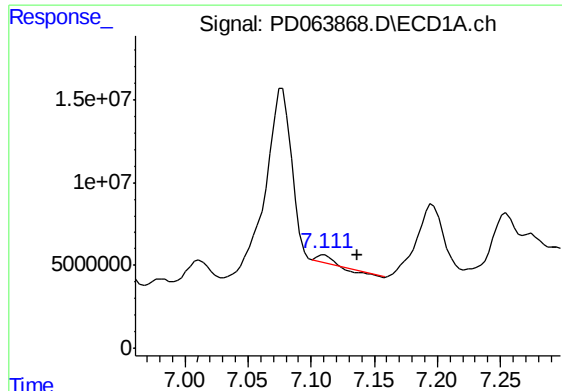
#20 Methoxychlor

R.T.: 6.875 min  
Delta R.T.: -0.028 min  
Response: 9223700  
Conc: 10.00 ng/ml



#20 Methoxychlor

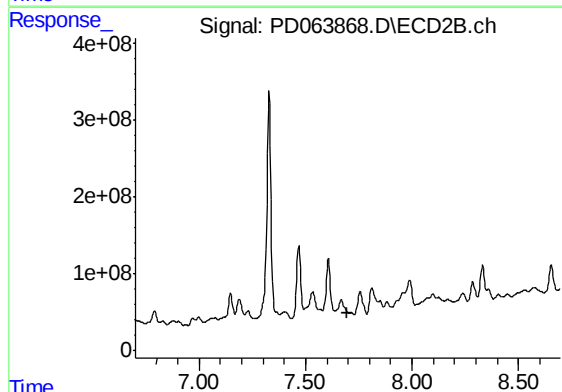
R.T.: 7.534 min  
Delta R.T.: -0.017 min  
Response: 341928698  
Conc: 44.20 ng/ml



#21 Endrin ketone

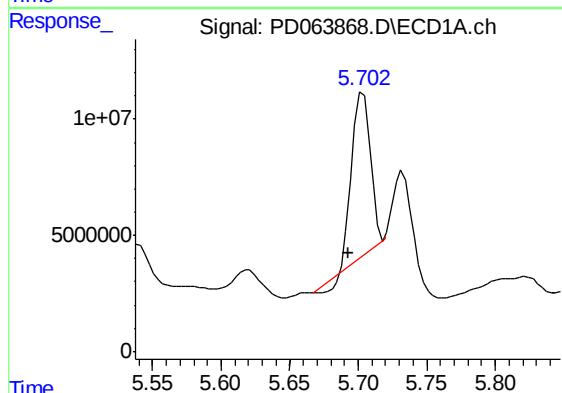
R.T.: 7.111 min  
Delta R.T.: -0.026 min  
Response: 2529930  
Conc: 1.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



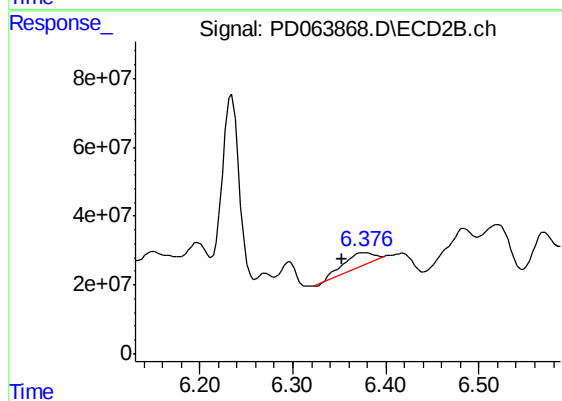
#21 Endrin ketone

R.T.: 7.715 min  
Delta R.T.: 0.017 min  
Response: -49324684  
Conc: N.D.



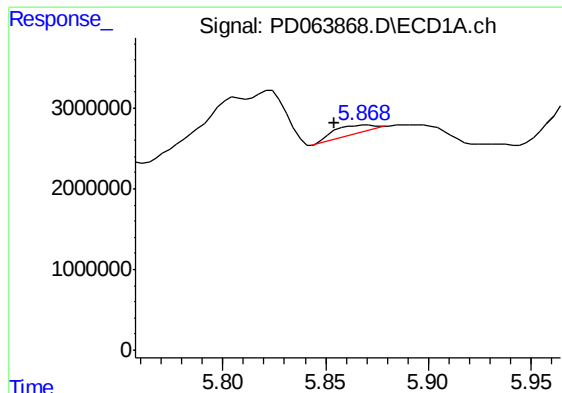
#22 Toxaphene-1

R.T.: 5.704 min  
Delta R.T.: 0.010 min  
Response: 62760112  
Conc: 5285.36 ng/ml



#22 Toxaphene-1

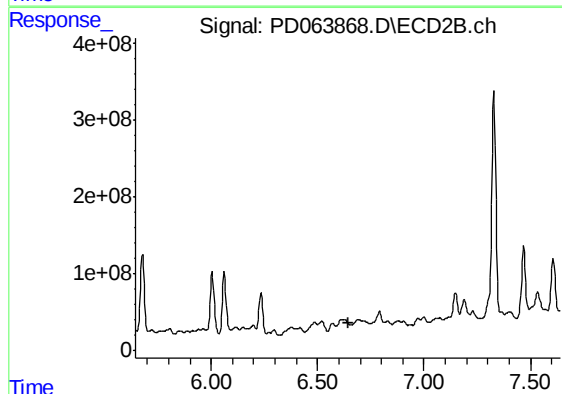
R.T.: 6.378 min  
Delta R.T.: 0.024 min  
Response: 81836479  
Conc: 938.80 ng/ml



#23 Toxaphene-2

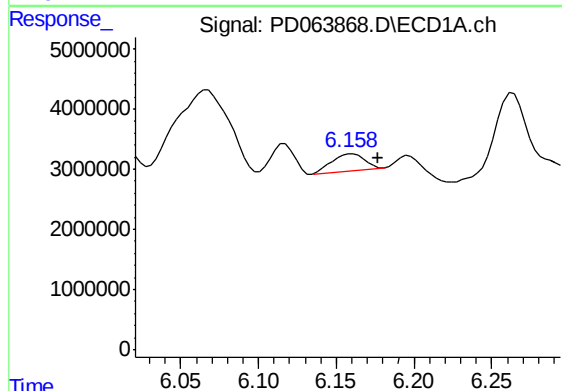
R.T.: 5.870 min  
Delta R.T.: 0.016 min  
Response: 1126486  
Conc: 93.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



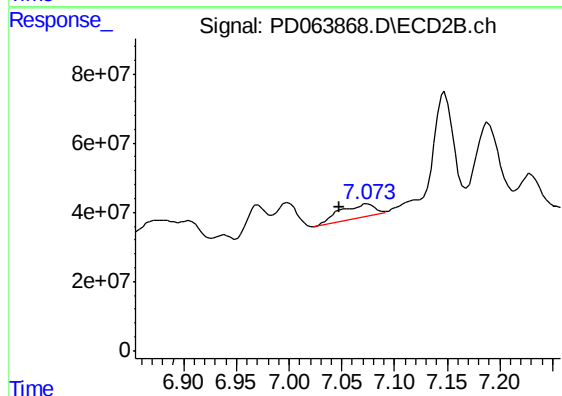
#23 Toxaphene-2

R.T.: 6.693 min  
Delta R.T.: 0.050 min  
Response: -8416414  
Conc: N.D.



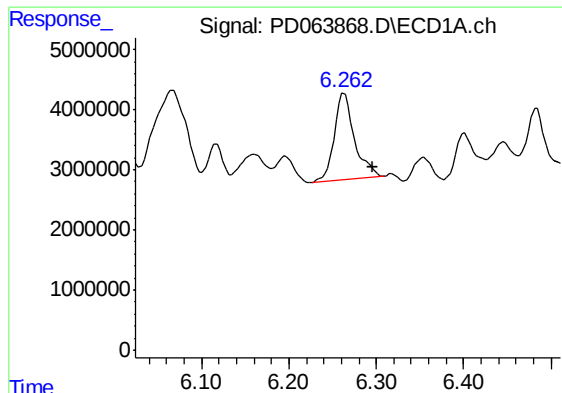
#24 Toxaphene-3

R.T.: 6.160 min  
Delta R.T.: -0.016 min  
Response: 4259257  
Conc: 311.43 ng/ml



#24 Toxaphene-3

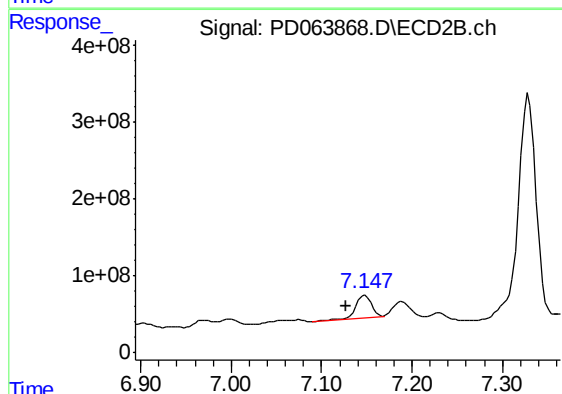
R.T.: 7.074 min  
Delta R.T.: 0.026 min  
Response: 78606243  
Conc: 570.55 ng/ml



#25 Toxaphene-4

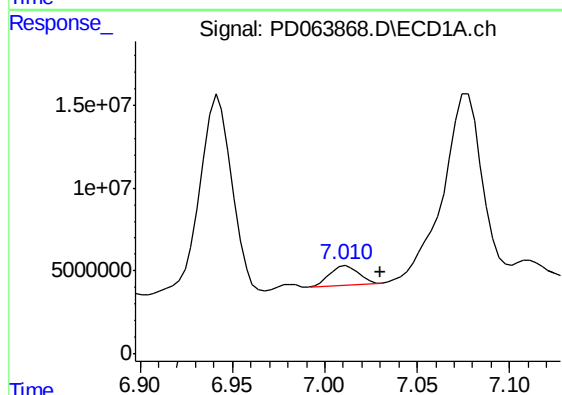
R.T.: 6.263 min  
Delta R.T.: -0.033 min  
Response: 23390470  
Conc: 738.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



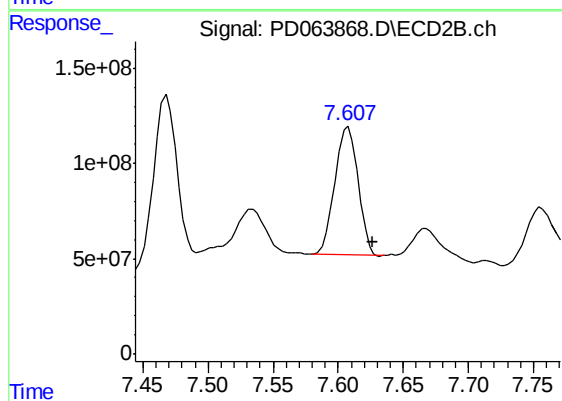
#25 Toxaphene-4

R.T.: 7.148 min  
Delta R.T.: 0.021 min  
Response: 350674541  
Conc: 850.06 ng/ml



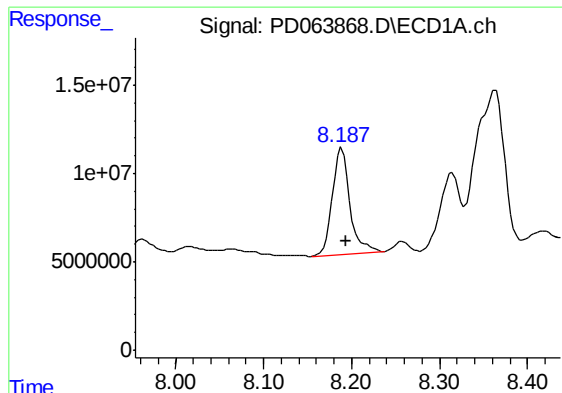
#26 Toxaphene-5

R.T.: 7.012 min  
Delta R.T.: -0.018 min  
Response: 12643349  
Conc: 354.83 ng/ml



#26 Toxaphene-5

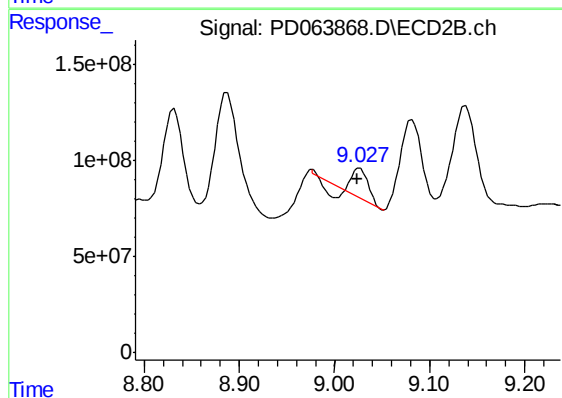
R.T.: 7.608 min  
Delta R.T.: -0.019 min  
Response: 837994411  
Conc: 4906.08 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.189 min  
Delta R.T.: -0.005 min  
Response: 83292834  
Conc: 48.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
BG5Q6



#27 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.002 min  
Response: 128612004  
Conc: 9.27 ng/ml