

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030821\  
 Data File : PD061475.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Mar 2021 14:10  
 Operator : AR\AJ  
 Sample : M1558-08  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AE1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 09 00:44:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030421CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 05 05:53:14 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  | 3.981  | 29321571 | 46252484 | 32.275  | 4.952 #  |
| 27)                         | SA Decachlor... | 8.258  | 9.037  | 52395824 | 377.4E6  | 39.121  | 40.350   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.878f | 4.397f | 2292714  | 31164620 | 1.744   | 2.156    |
| 3)                          | MA gamma-BHC... | 4.210  | 4.616f | 419338   | 36696868 | 0.323   | 2.770 #  |
| 4)                          | MA Heptachlor   | 0.000  | 5.191f | 0        | 4079765  | N.D.    | 0.300    |
| 6)                          | B beta-BHC      | 4.423f | 4.794f | 1306090  | 1254469  | 1.976   | 0.223 #  |
| 7)                          | B delta-BHC     | 4.675  | 5.037  | 43038    | 8735057  | <MDL    | 0.622 #  |
| 8)                          | B Heptachlo...  | 5.208  | 5.851  | 6134089  | 98605559 | 4.803   | 8.109 #  |
| 9)                          | A Endosulfan I  | 5.526  | 6.187  | 5845304  | 28791498 | 4.857   | 2.528 #  |
| 10)                         | B trans-Chl...  | 5.436  | 6.085  | 2397291  | 30016740 | 1.783   | 2.326 #  |
| 11)                         | B cis-Chlor...  | 5.494  | 6.160  | 4098874  | 46043474 | 3.143   | 3.788    |
| 12)                         | B 4,4'-DDE      | 5.665  | 6.348  | 1087882  | 891961   | 0.866   | <MDL #   |
| 13)                         | MA Dieldrin     | 5.793  | 6.466  | 45851408 | 425.8E6  | 34.697  | 35.012   |
| 14)                         | MA Endrin       | 6.053  | 6.700  | 2757288  | 5935000  | 2.384   | 0.584 #  |
| 15)                         | B Endosulfa...  | 6.334  | 6.878  | 912335   | 20819055 | 0.799   | 2.125 #  |
| 16)                         | A 4,4'-DDD      | 6.194  | 6.823  | 448614   | 5141826  | 0.431   | 0.533    |
| 17)                         | MA 4,4'-DDT     | 6.418  | 7.117  | 6977432  | 10624396 | 6.285   | 1.091 #  |
| 19)                         | B Endosulfa...  | 6.710  | 7.230  | -15802   | 11738738 | N.D.    | 1.200    |
| 20)                         | A Methoxychlor  | 7.010f | 7.585  | 690922   | 28654042 | 1.133   | 6.286 #  |
| 21)                         | B Endrin ke...  | 7.200  | 7.708  | 1970655  | 21282215 | 1.492   | 2.220 #  |
| 22)                         | Toxaphene-1     | 5.735  | 6.386  | 472027   | 4904929  | 52.201  | 83.568 # |
| 23)                         | Toxaphene-2     | 5.922  | 6.651  | 2225106  | 2004275  | 238.612 | 27.534 # |
| 24)                         | Toxaphene-3     | 6.261  | 7.091  | 1486622  | 2669646  | 137.310 | 25.985 # |
| 25)                         | Toxaphene-4     | 6.334  | 7.117  | 912335   | 10624396 | 39.071  | 37.656   |
| 26)                         | Toxaphene-5     | 7.122  | 7.638  | 5052350  | 19740218 | 191.319 | 162.191  |
| -----                       |                 |        |        |          |          |         |          |

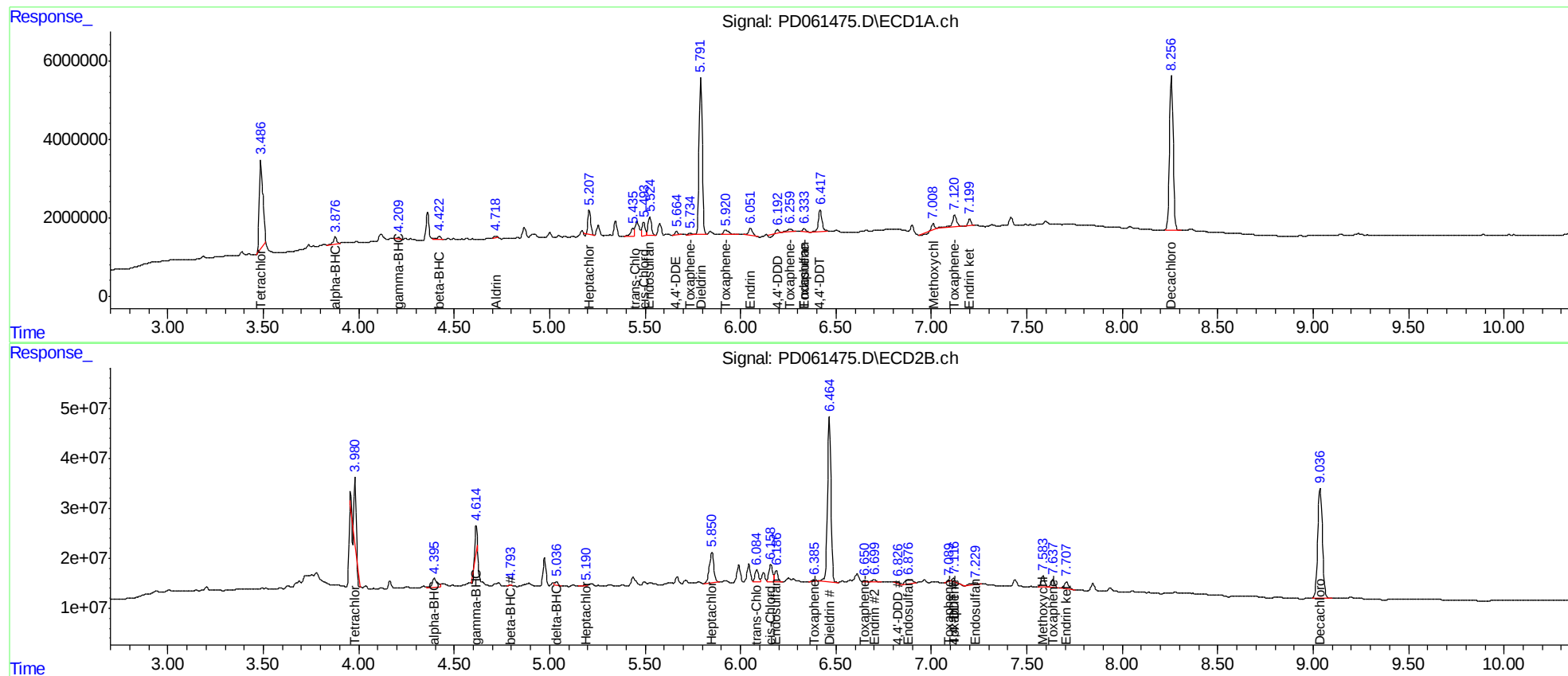
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

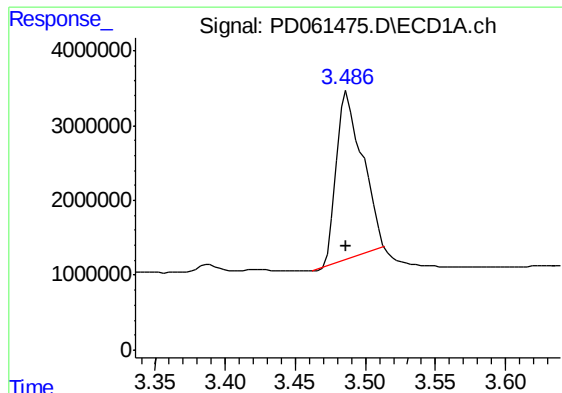
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030821\  
Data File : PD061475.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Mar 2021 14:10  
Operator : AR\AJ  
Sample : M1558-08  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampled :  
C0AE1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 09 00:44:38 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030421CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 05 05:53:14 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

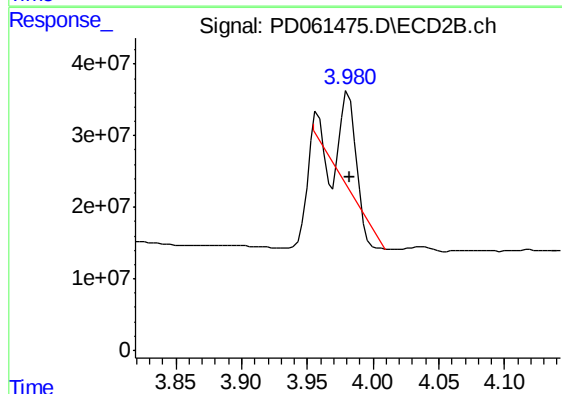




#1 Tetrachloro-m-xylene

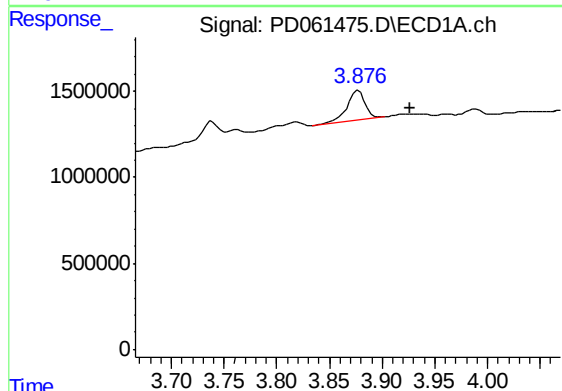
R.T.: 3.487 min  
Delta R.T.: 0.000 min  
Response: 29321571  
Conc: 32.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



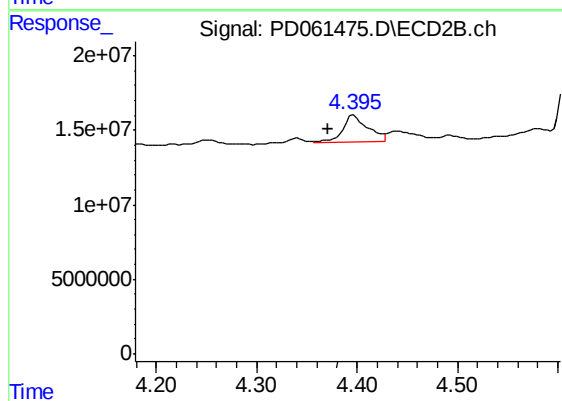
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 46252484  
Conc: 4.95 ng/ml



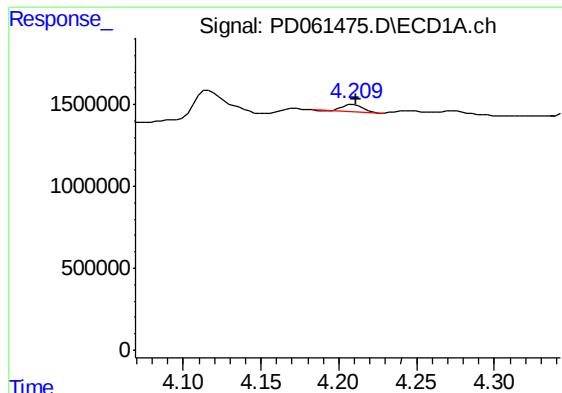
#2 alpha-BHC

R.T.: 3.878 min  
Delta R.T.: -0.048 min  
Response: 2292714  
Conc: 1.74 ng/ml



#2 alpha-BHC

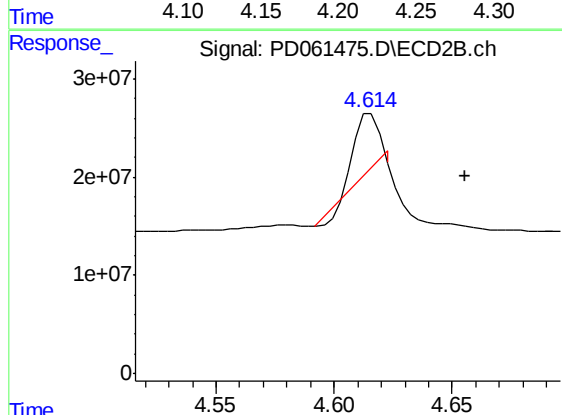
R.T.: 4.397 min  
Delta R.T.: 0.025 min  
Response: 31164620  
Conc: 2.16 ng/ml



#3 gamma-BHC (Lindane)

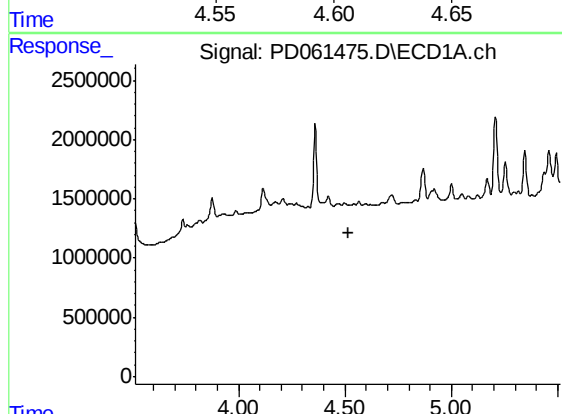
R.T.: 4.210 min  
Delta R.T.: -0.001 min  
Response: 419338  
Conc: 0.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



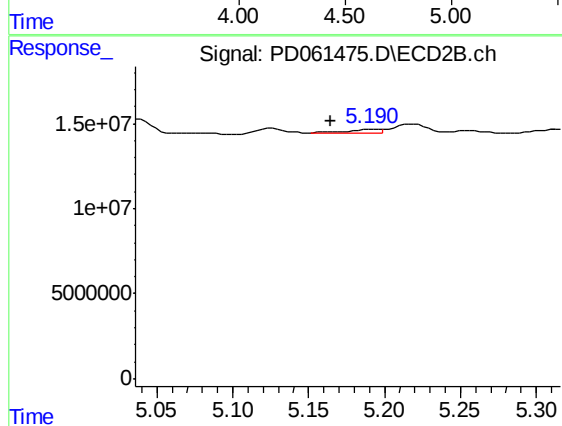
#3 gamma-BHC (Lindane)

R.T.: 4.616 min  
Delta R.T.: -0.040 min  
Response: 36696868  
Conc: 2.77 ng/ml



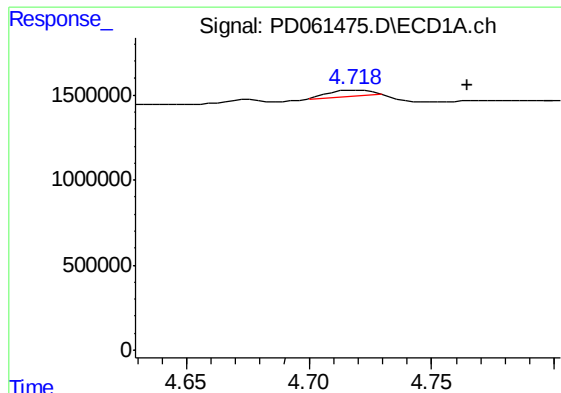
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.516 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

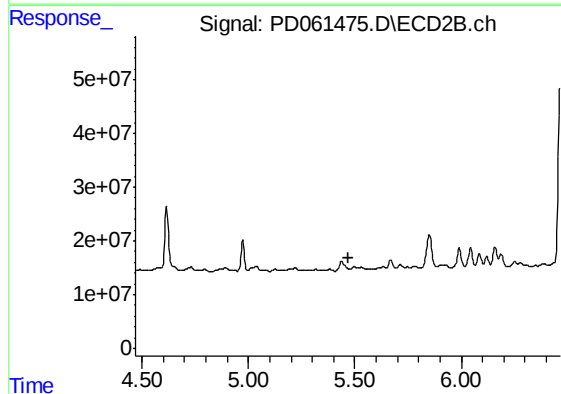
R.T.: 5.191 min  
Delta R.T.: 0.027 min  
Response: 4079765  
Conc: 0.30 ng/ml



#5 Aldrin

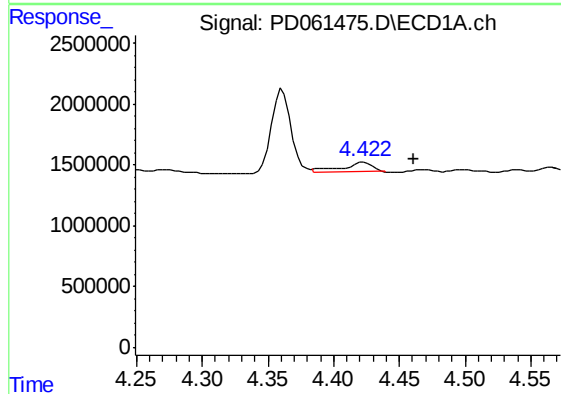
R.T.: 4.719 min  
Delta R.T.: -0.046 min  
Response: 469856  
Conc: 0.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



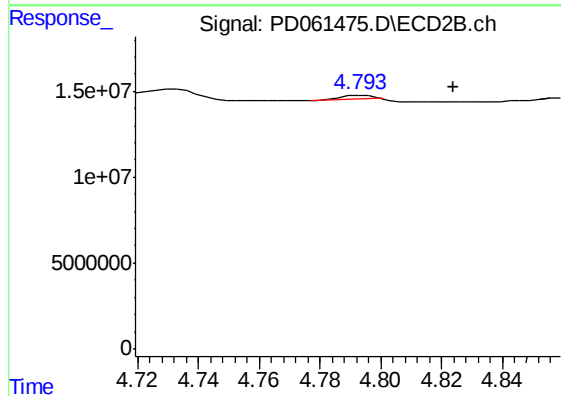
#5 Aldrin

R.T.: 5.497 min  
Delta R.T.: 0.028 min  
Response: -5575079  
Conc: N.D.



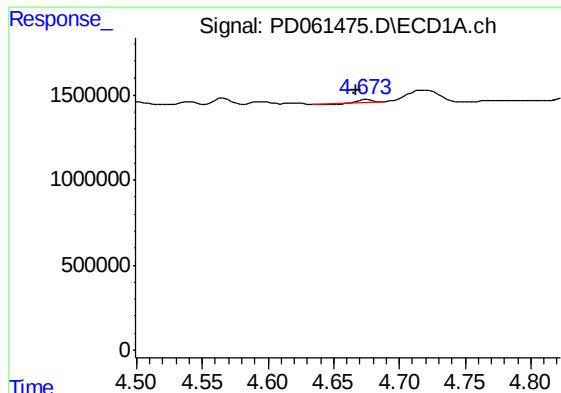
#6 beta-BHC

R.T.: 4.423 min  
Delta R.T.: -0.038 min  
Response: 1306090  
Conc: 1.98 ng/ml



#6 beta-BHC

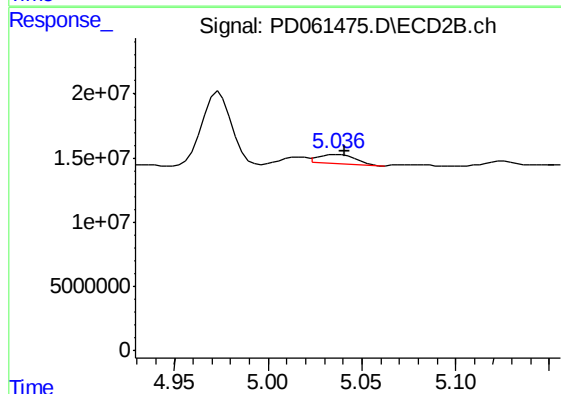
R.T.: 4.794 min  
Delta R.T.: -0.030 min  
Response: 1254469  
Conc: 0.22 ng/ml



#7 delta-BHC

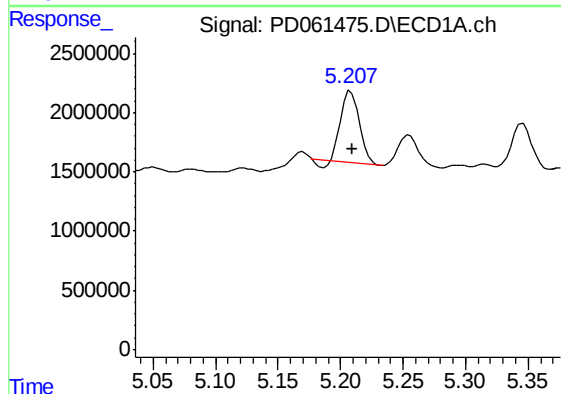
R.T.: 4.675 min  
Delta R.T.: 0.008 min  
Response: 43038  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



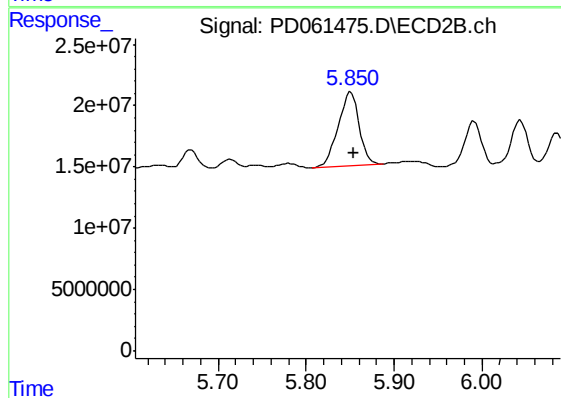
#7 delta-BHC

R.T.: 5.037 min  
Delta R.T.: -0.004 min  
Response: 8735057  
Conc: 0.62 ng/ml



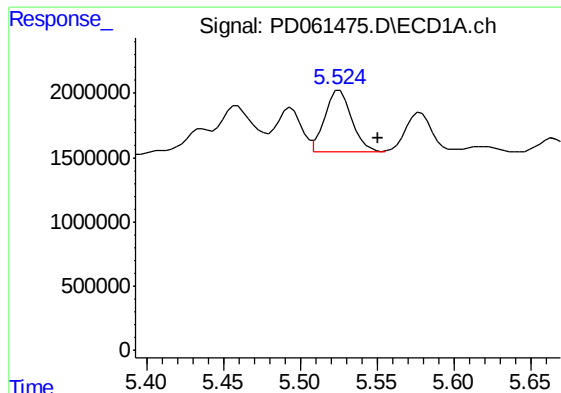
#8 Heptachlor epoxide

R.T.: 5.208 min  
Delta R.T.: -0.001 min  
Response: 6134089  
Conc: 4.80 ng/ml



#8 Heptachlor epoxide

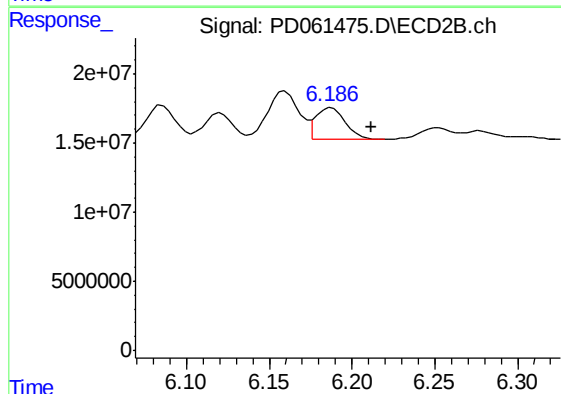
R.T.: 5.851 min  
Delta R.T.: -0.003 min  
Response: 98605559  
Conc: 8.11 ng/ml



#9 Endosulfan I

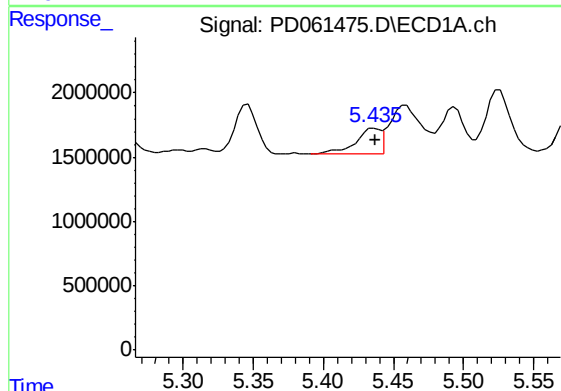
R.T.: 5.526 min  
Delta R.T.: -0.025 min  
Response: 5845304  
Conc: 4.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



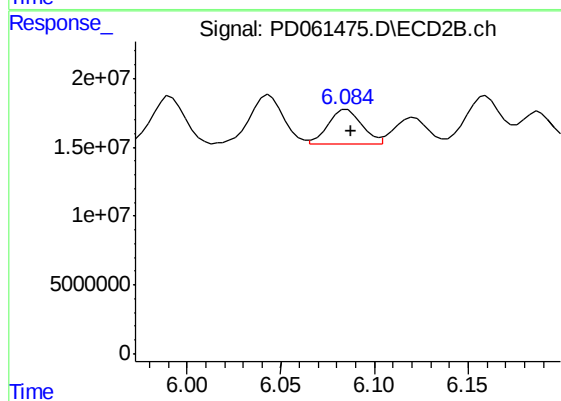
#9 Endosulfan I

R.T.: 6.187 min  
Delta R.T.: -0.024 min  
Response: 28791498  
Conc: 2.53 ng/ml



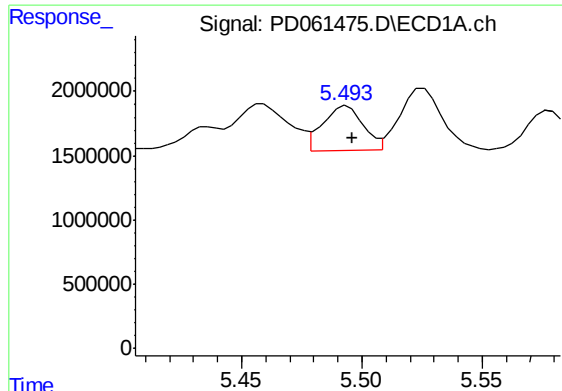
#10 trans-Chlordane

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 2397291  
Conc: 1.78 ng/ml



#10 trans-Chlordane

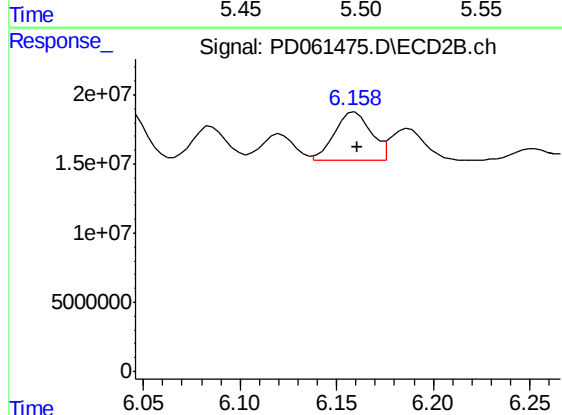
R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 30016740  
Conc: 2.33 ng/ml



#11 cis-Chlordane

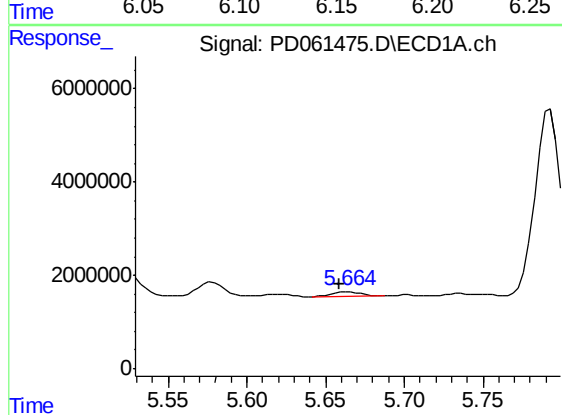
R.T.: 5.494 min  
Delta R.T.: -0.002 min  
Response: 4098874  
Conc: 3.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



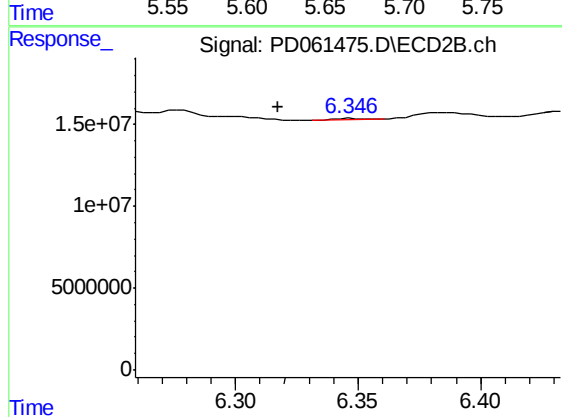
#11 cis-Chlordane

R.T.: 6.160 min  
Delta R.T.: -0.001 min  
Response: 46043474  
Conc: 3.79 ng/ml



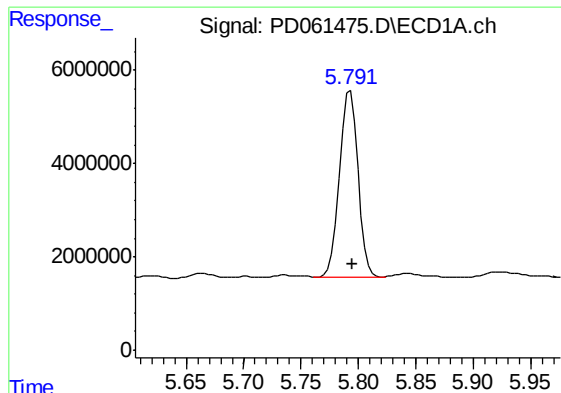
#12 4,4'-DDE

R.T.: 5.665 min  
Delta R.T.: 0.006 min  
Response: 1087882  
Conc: 0.87 ng/ml



#12 4,4'-DDE

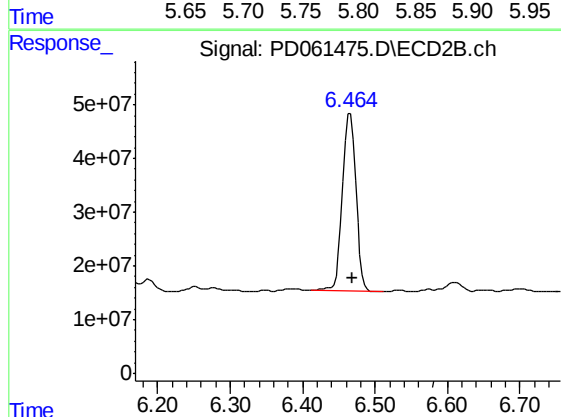
R.T.: 6.348 min  
Delta R.T.: 0.030 min  
Response: 891961  
Conc: N.D.



#13 Dieldrin

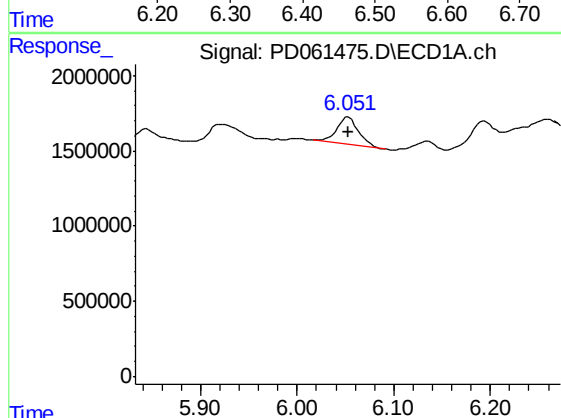
R.T.: 5.793 min  
Delta R.T.: -0.002 min  
Response: 45851408  
Conc: 34.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



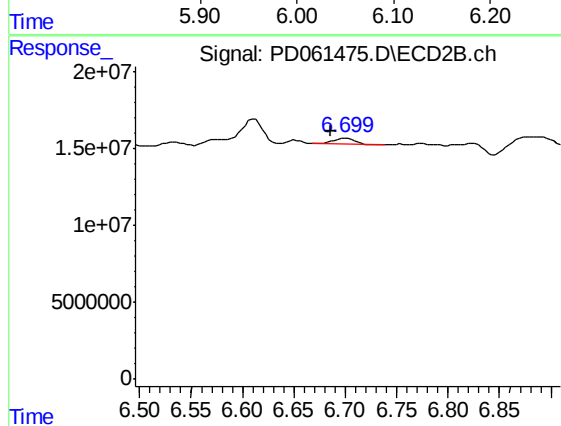
#13 Dieldrin

R.T.: 6.466 min  
Delta R.T.: -0.002 min  
Response: 425784902  
Conc: 35.01 ng/ml



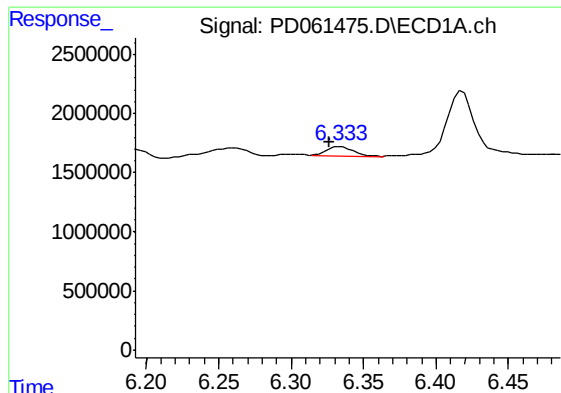
#14 Endrin

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 2757288  
Conc: 2.38 ng/ml



#14 Endrin

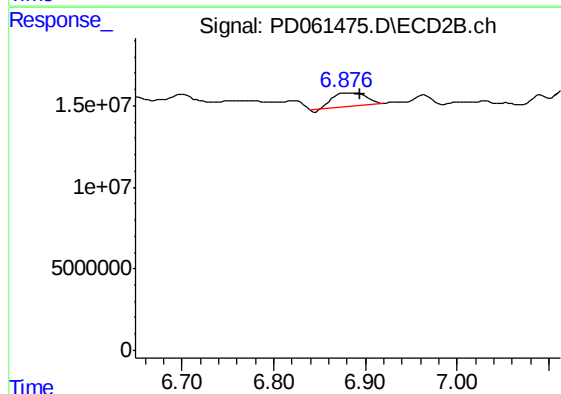
R.T.: 6.700 min  
Delta R.T.: 0.015 min  
Response: 5935000  
Conc: 0.58 ng/ml



#15 Endosulfan II

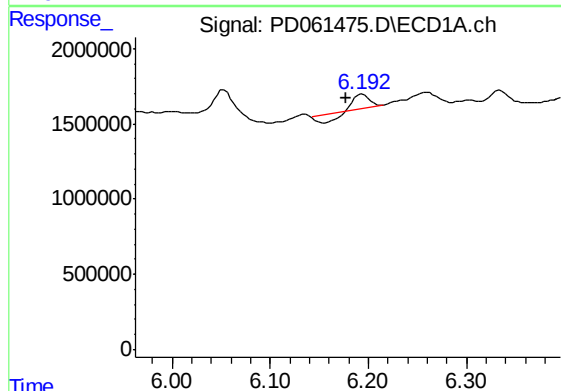
R.T.: 6.334 min  
Delta R.T.: 0.008 min  
Response: 912335  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



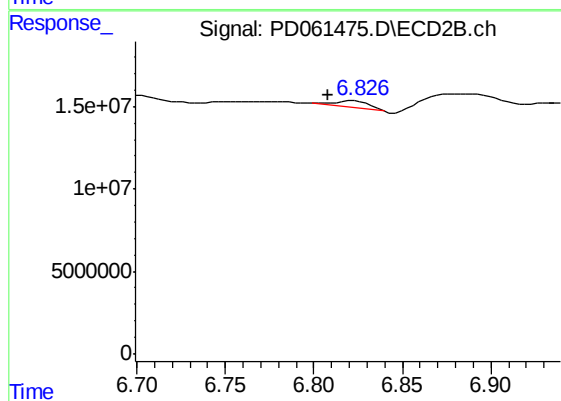
#15 Endosulfan II

R.T.: 6.878 min  
Delta R.T.: -0.015 min  
Response: 20819055  
Conc: 2.13 ng/ml



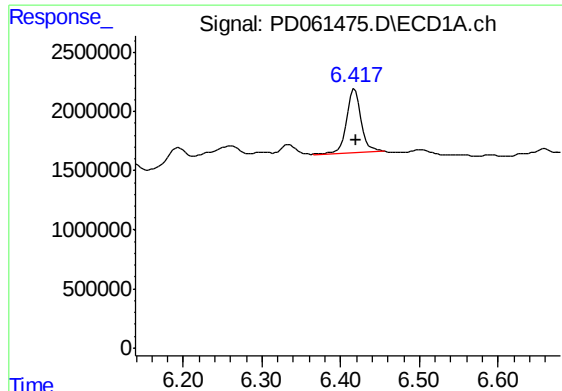
#16 4,4'-DDD

R.T.: 6.194 min  
Delta R.T.: 0.017 min  
Response: 448614  
Conc: 0.43 ng/ml



#16 4,4'-DDD

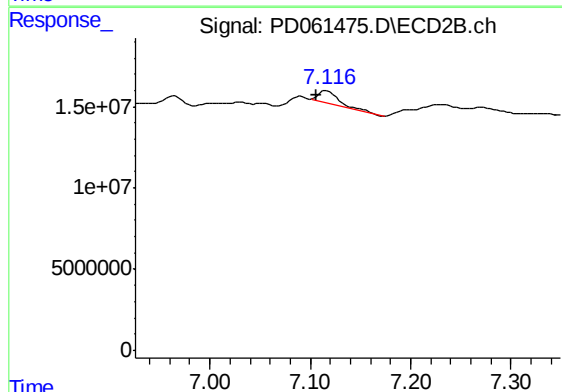
R.T.: 6.823 min  
Delta R.T.: 0.015 min  
Response: 5141826  
Conc: 0.53 ng/ml



#17 4,4'-DDT

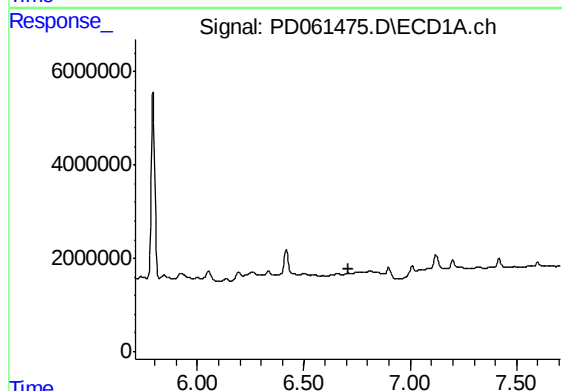
R.T.: 6.418 min  
Delta R.T.: -0.001 min  
Response: 6977432  
Conc: 6.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



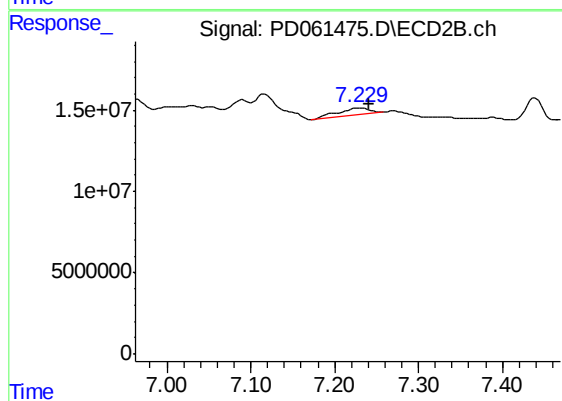
#17 4,4'-DDT

R.T.: 7.117 min  
Delta R.T.: 0.010 min  
Response: 10624396  
Conc: 1.09 ng/ml



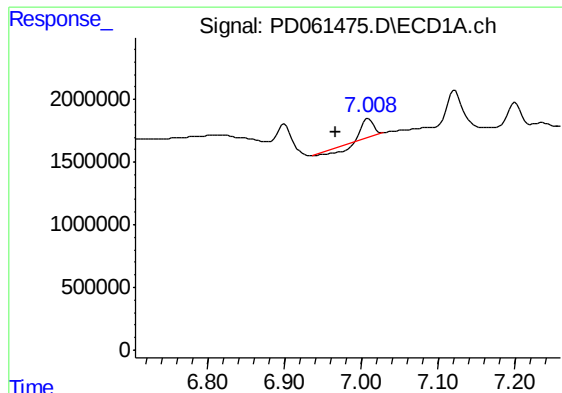
#19 Endosulfan Sulfate

R.T.: 6.710 min  
Delta R.T.: 0.001 min  
Response: -15802  
Conc: N.D.



#19 Endosulfan Sulfate

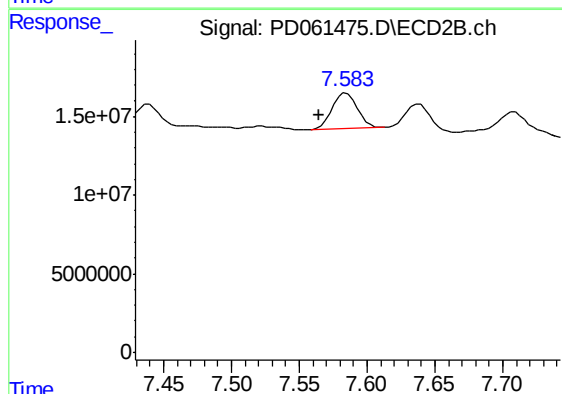
R.T.: 7.230 min  
Delta R.T.: -0.011 min  
Response: 11738738  
Conc: 1.20 ng/ml



#20 Methoxychlor

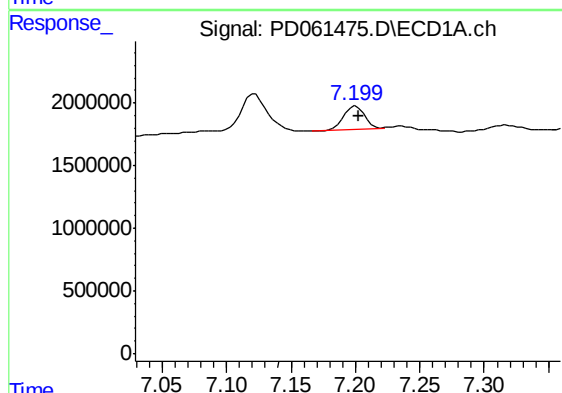
R.T.: 7.010 min  
Delta R.T.: 0.043 min  
Response: 690922  
Conc: 1.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



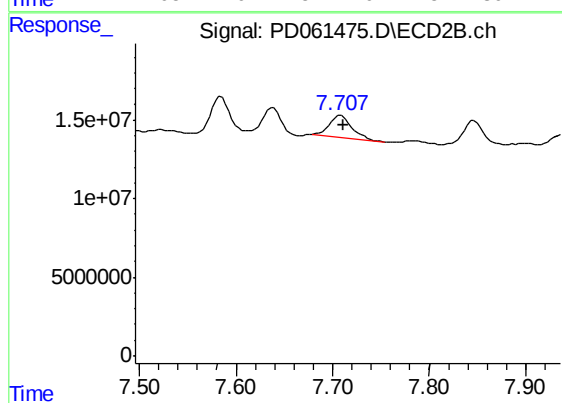
#20 Methoxychlor

R.T.: 7.585 min  
Delta R.T.: 0.020 min  
Response: 28654042  
Conc: 6.29 ng/ml



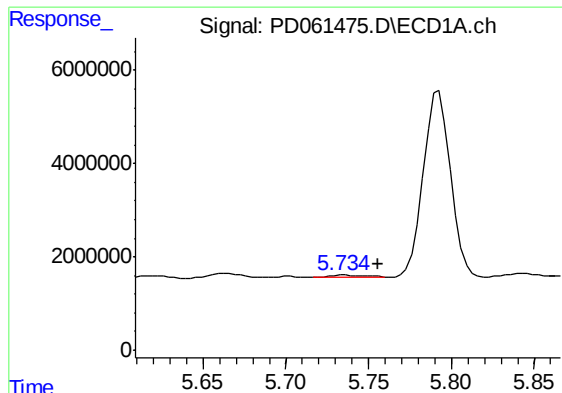
#21 Endrin ketone

R.T.: 7.200 min  
Delta R.T.: -0.003 min  
Response: 1970655  
Conc: 1.49 ng/ml



#21 Endrin ketone

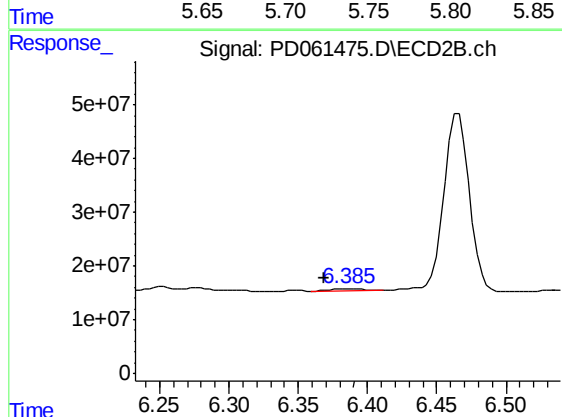
R.T.: 7.708 min  
Delta R.T.: -0.003 min  
Response: 21282215  
Conc: 2.22 ng/ml



#22 Toxaphene-1

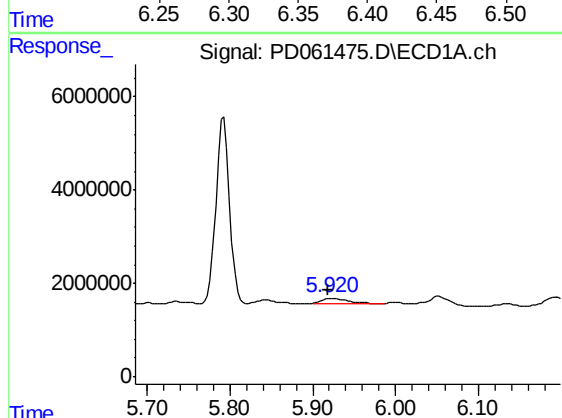
R.T.: 5.735 min  
Delta R.T.: -0.021 min  
Response: 472027  
Conc: 52.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



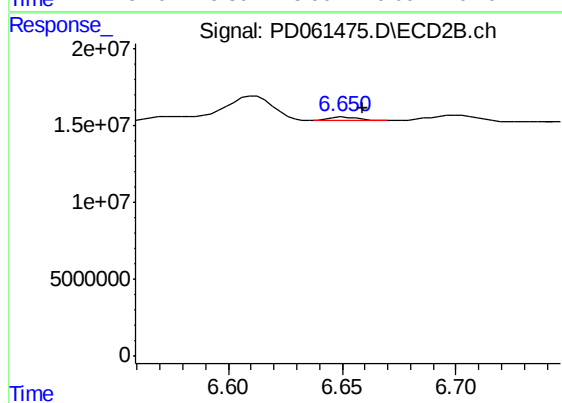
#22 Toxaphene-1

R.T.: 6.386 min  
Delta R.T.: 0.017 min  
Response: 4904929  
Conc: 83.57 ng/ml



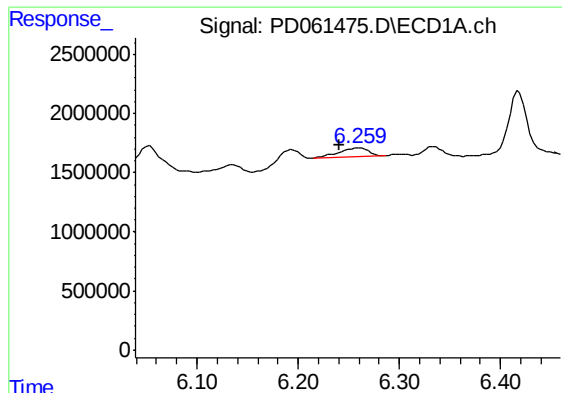
#23 Toxaphene-2

R.T.: 5.922 min  
Delta R.T.: 0.004 min  
Response: 2225106  
Conc: 238.61 ng/ml



#23 Toxaphene-2

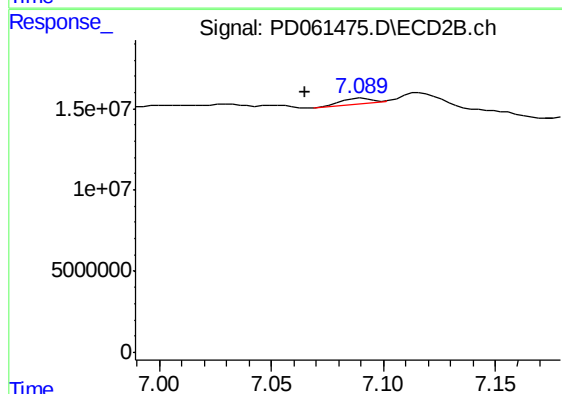
R.T.: 6.651 min  
Delta R.T.: -0.008 min  
Response: 2004275  
Conc: 27.53 ng/ml



#24 Toxaphene-3

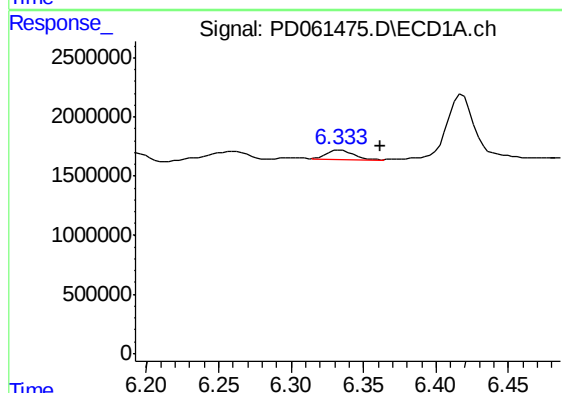
R.T.: 6.261 min  
Delta R.T.: 0.020 min  
Response: 1486622  
Conc: 137.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



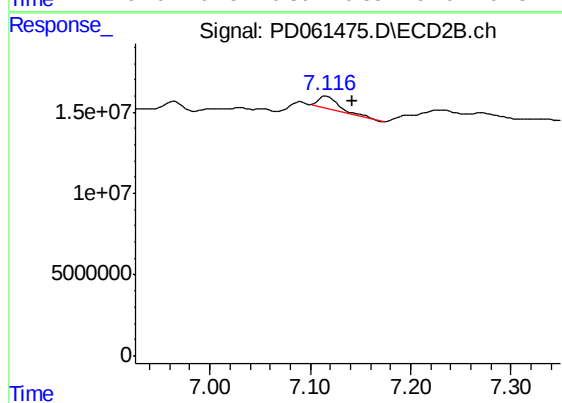
#24 Toxaphene-3

R.T.: 7.091 min  
Delta R.T.: 0.025 min  
Response: 2669646  
Conc: 25.99 ng/ml



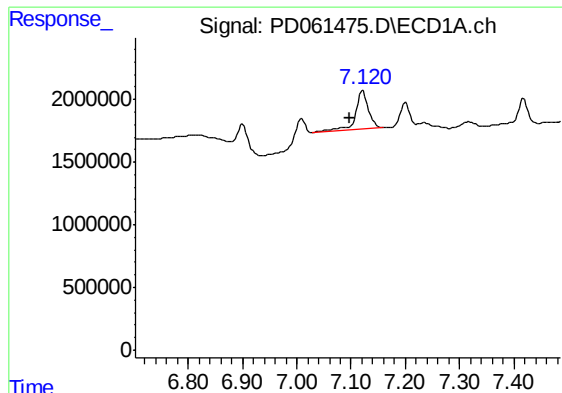
#25 Toxaphene-4

R.T.: 6.334 min  
Delta R.T.: -0.027 min  
Response: 912335  
Conc: 39.07 ng/ml



#25 Toxaphene-4

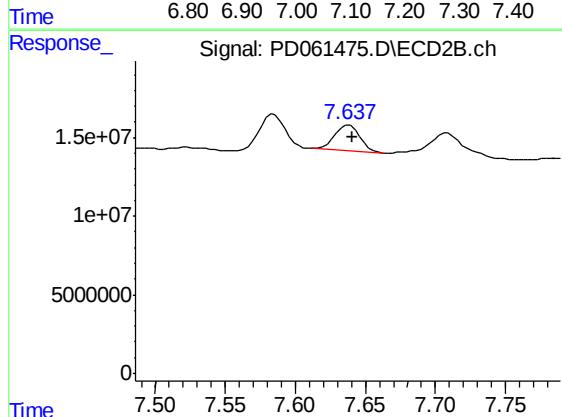
R.T.: 7.117 min  
Delta R.T.: -0.025 min  
Response: 10624396  
Conc: 37.66 ng/ml



#26 Toxaphene-5

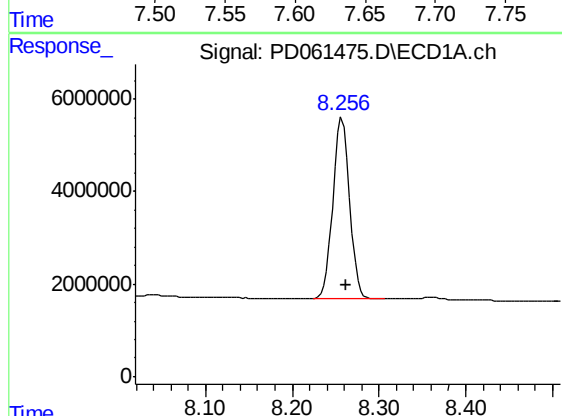
R.T.: 7.122 min  
Delta R.T.: 0.025 min  
Response: 5052350  
Conc: 191.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AE1



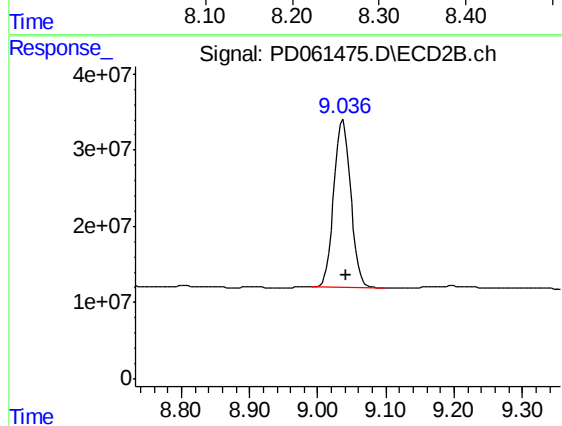
#26 Toxaphene-5

R.T.: 7.638 min  
Delta R.T.: -0.003 min  
Response: 19740218  
Conc: 162.19 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.258 min  
Delta R.T.: -0.004 min  
Response: 52395824  
Conc: 39.12 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: -0.005 min  
Response: 377373213  
Conc: 40.35 ng/ml