

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061522\  
 Data File : PD070346.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2022 16:15  
 Operator : AR\AJ  
 Sample : N3285-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 23:41:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061422CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 14 16:58:30 2022  
 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

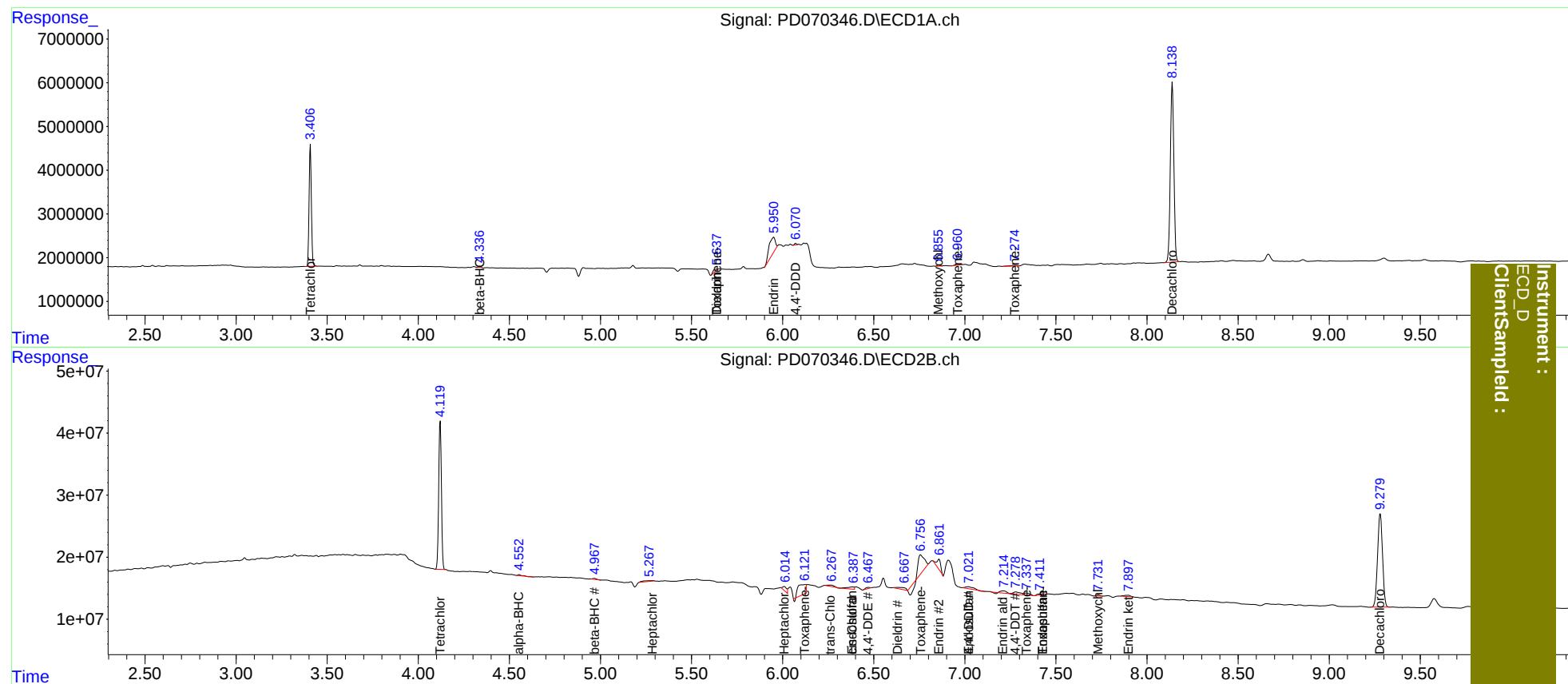
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|------------|
| -----                       |                 |        |        |          |          |        |            |
| System Monitoring Compounds |                 |        |        |          |          |        |            |
| 1)                          | SA Tetrachlo... | 3.408  | 4.121  | 24154822 | 244.7E6  | 16.655 | 18.113     |
| 27)                         | SA Decachlor... | 8.139  | 9.280  | 55352283 | 284.5E6  | 34.559 | 39.417     |
| Target Compounds            |                 |        |        |          |          |        |            |
| 2)                          | A alpha-BHC     | 3.799f | 4.553f | 116544   | 2189959  | <MDL   | 0.112 #    |
| 3)                          | MA gamma-BHC... | 0.000  | 4.807  | 0        | 392916   | N.D.   | <MDL       |
| 4)                          | MA Heptachlor   | 0.000  | 5.282f | 0        | 5433296  | N.D.   | 0.303      |
| 5)                          | MB Aldrin       | 0.000  | 5.588f | 0        | 799875   | N.D.   | <MDL       |
| 6)                          | B beta-BHC      | 4.337f | 4.967  | 154479   | 2526639  | 0.173  | 0.319 #    |
| 8)                          | B Heptachlo...  | 0.000  | 6.009  | 0        | 10672665 | N.D.   | 0.915      |
| 9)                          | A Endosulfan I  | 5.455  | 6.383  | -588172  | 9430422  | N.D.   | 0.699      |
| 10)                         | B trans-Chl...  | 0.000  | 6.261  | 0        | 5351512  | N.D.   | 0.370      |
| 11)                         | B cis-Chlor...  | 0.000  | 6.383f | 0        | 9430422  | N.D.   | 0.672      |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.470  | 0        | 3172951  | N.D.   | 0.244      |
| 13)                         | MA Dieldrin     | 5.640  | 6.632  | 720175   | 9603096  | 0.380  | 0.701 #    |
| 14)                         | MA Endrin       | 5.951  | 6.858  | 8814620  | 25249465 | 5.180  | 2.194 #    |
| 15)                         | B Endosulfa...  | 0.000  | 7.020f | 0        | 5702195  | N.D.   | 0.518      |
| 16)                         | A 4,4'-DDD      | 6.072  | 7.020f | 246071   | 5702195  | 0.163  | 0.516 #    |
| 17)                         | MA 4,4'-DDT     | 6.311  | 7.279  | 18906    | 9958539  | <MDL   | 0.969 #    |
| 18)                         | B Endrin al...  | 6.311f | 7.211  | 18906    | 7122126  | <MDL   | 0.847 #    |
| 19)                         | B Endosulfa...  | 6.544f | 7.429  | 86203    | 3518885  | <MDL   | 0.356 #    |
| 20)                         | A Methoxychlor  | 6.857  | 7.733  | 254809   | 2237967  | 0.301  | 0.474 #    |
| 21)                         | B Endrin ke...  | 0.000  | 7.897  | 0        | 4621945  | N.D.   | 0.454      |
| 22)                         | Toxaphene-1     | 5.640  | 6.123  | 720175   | 48371765 | 66.620 | 1520.139 # |
| 23)                         | Toxaphene-2     | 6.117  | 6.757  | -75044   | 44467566 | N.D.   | 362.372    |
| 24)                         | Toxaphene-3     | 0.000  | 7.337  | 0        | 8043166  | N.D.   | 29.728     |
| 25)                         | Toxaphene-4     | 6.962  | 7.429  | 222785   | 3518885  | 6.852  | 21.951 #   |
| 26)                         | Toxaphene-5     | 7.278  | 0.000  | 509081   | 0        | 97.283 | N.D. #     |
| -----                       |                 |        |        |          |          |        |            |

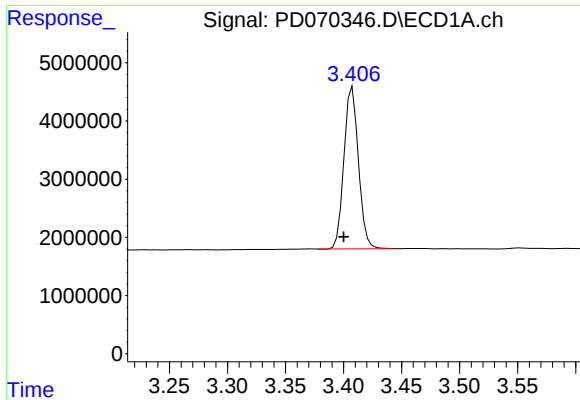
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061522\  
Data File : PD070346.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2022 16:15  
Operator : AR\AJ  
Sample : N3285-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 23:41:06 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061422CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 14 16:58:30 2022  
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

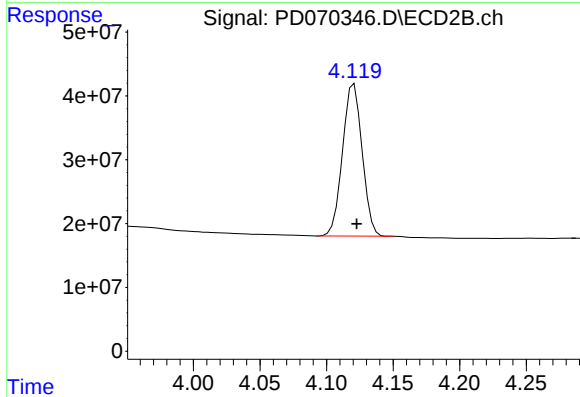




#1 Tetrachloro-m-xylene

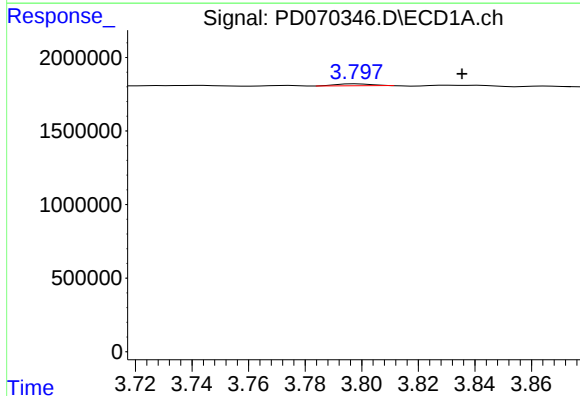
R.T.: 3.408 min  
Delta R.T.: 0.008 min  
Response: 24154822  
Conc: 16.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



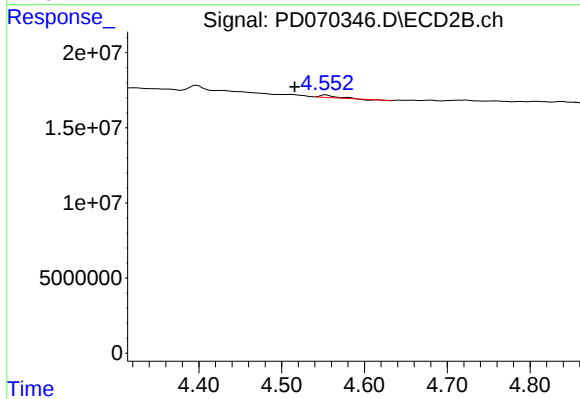
#1 Tetrachloro-m-xylene

R.T.: 4.121 min  
Delta R.T.: -0.002 min  
Response: 244684346  
Conc: 18.11 ng/ml



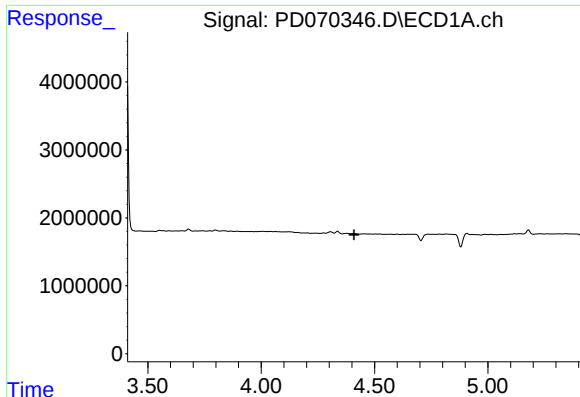
#2 alpha-BHC

R.T.: 3.799 min  
Delta R.T.: -0.037 min  
Response: 116544  
Conc: N.D.



#2 alpha-BHC

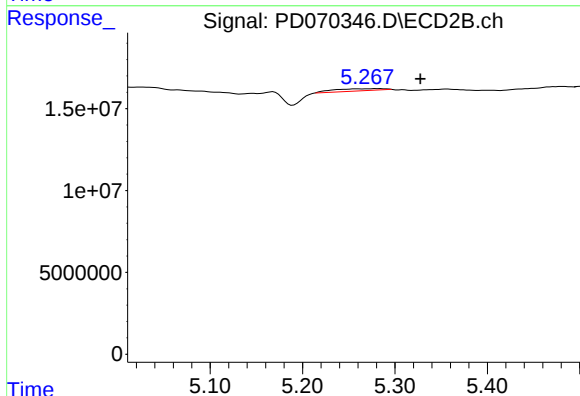
R.T.: 4.553 min  
Delta R.T.: 0.038 min  
Response: 2189959  
Conc: 0.11 ng/ml



#4 Heptachlor

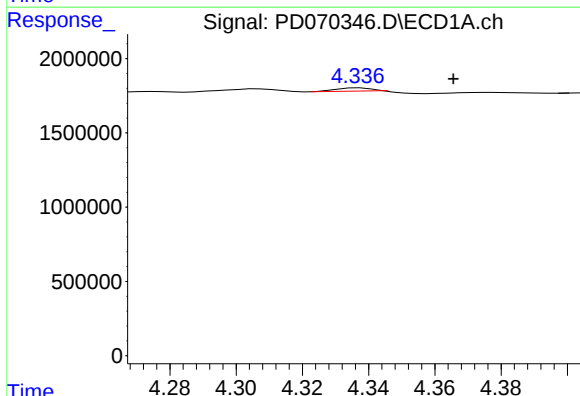
R.T.: 0.000 min  
Exp R.T.: 4.410 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



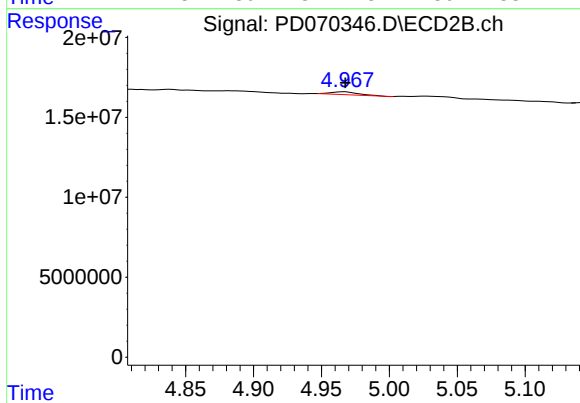
#4 Heptachlor

R.T.: 5.282 min  
Delta R.T.: -0.045 min  
Response: 5433296  
Conc: 0.30 ng/ml



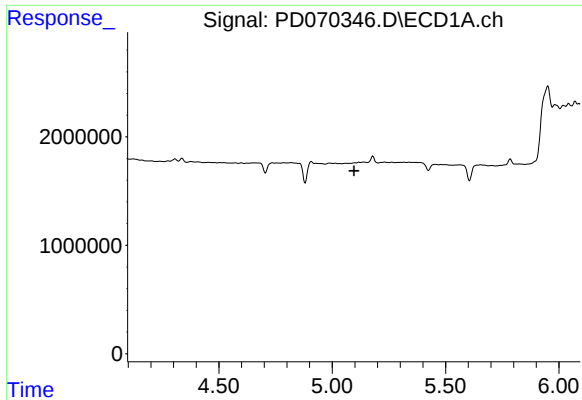
#6 beta-BHC

R.T.: 4.337 min  
Delta R.T.: -0.028 min  
Response: 154479  
Conc: 0.17 ng/ml



#6 beta-BHC

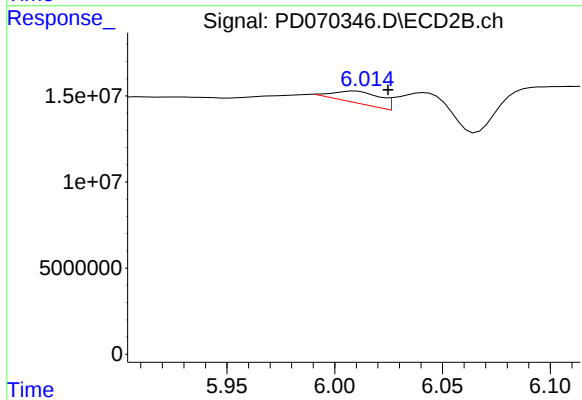
R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 2526639  
Conc: 0.32 ng/ml



#8 Heptachlor epoxide

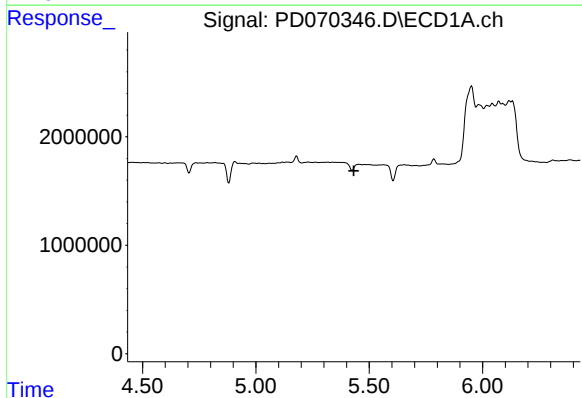
R.T.: 0.000 min  
Exp R.T.: 5.096 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



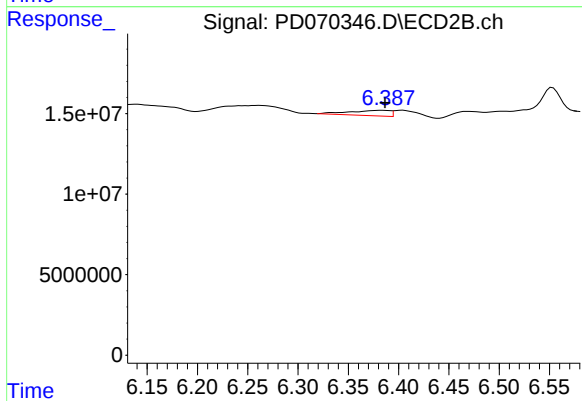
#8 Heptachlor epoxide

R.T.: 6.009 min  
Delta R.T.: -0.015 min  
Response: 10672665  
Conc: 0.91 ng/ml



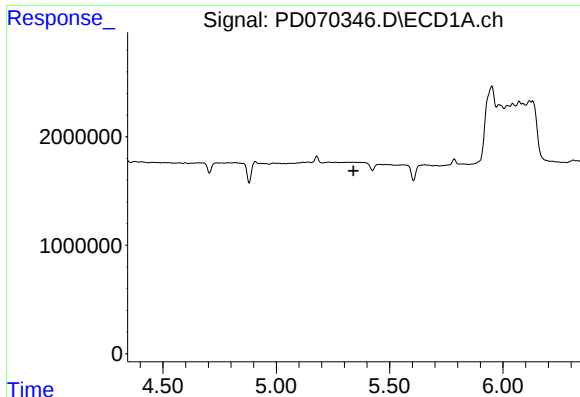
#9 Endosulfan I

R.T.: 5.455 min  
Delta R.T.: 0.022 min  
Response: -588172  
Conc: N.D.



#9 Endosulfan I

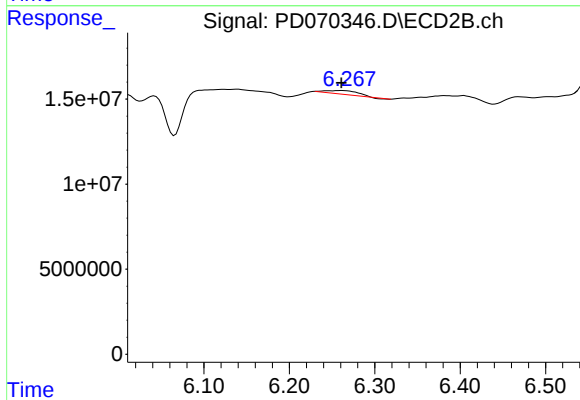
R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 9430422  
Conc: 0.70 ng/ml



#10 trans-Chlordane

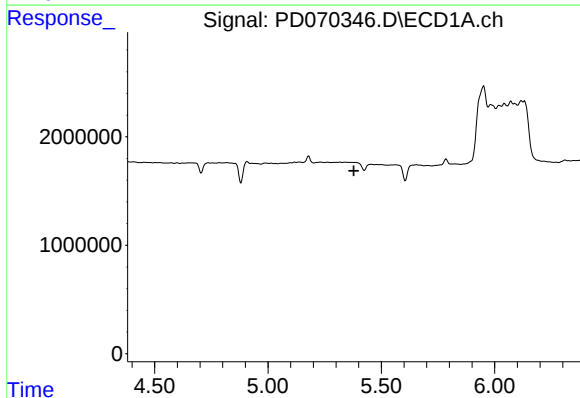
R.T.: 0.000 min  
Exp R.T.: 5.341 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



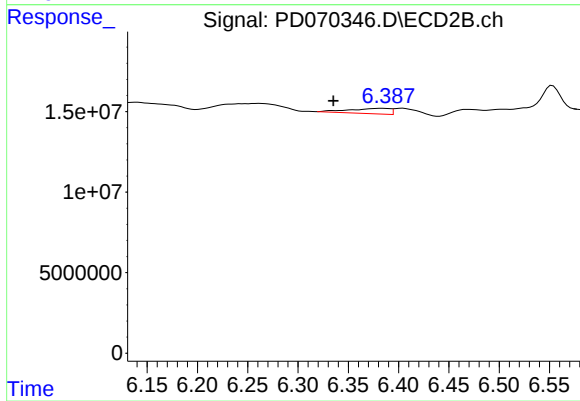
#10 trans-Chlordane

R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 5351512  
Conc: 0.37 ng/ml



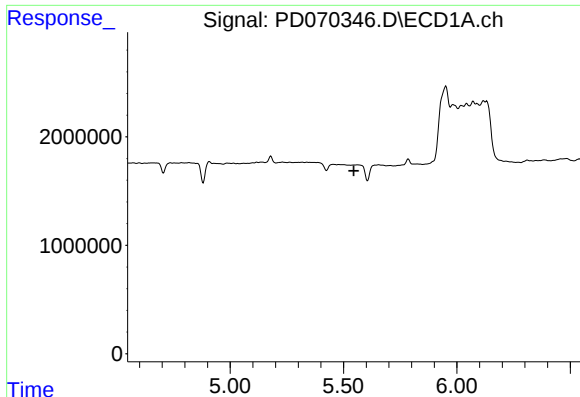
#11 cis-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.379 min  
Response: 0  
Conc: N.D.



#11 cis-Chlordane

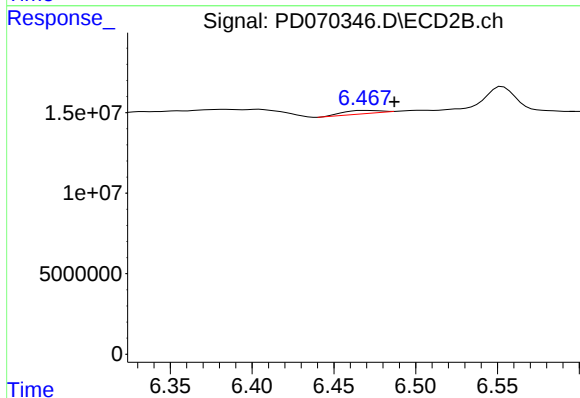
R.T.: 6.383 min  
Delta R.T.: 0.048 min  
Response: 9430422  
Conc: 0.67 ng/ml



#12 4,4'-DDE

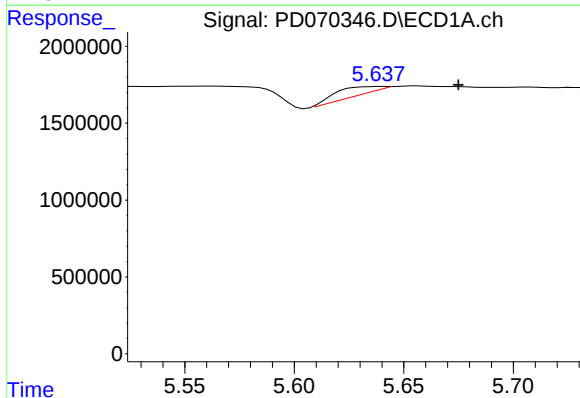
R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



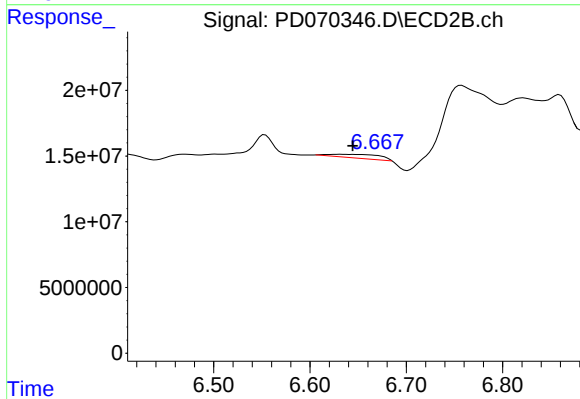
#12 4,4'-DDE

R.T.: 6.470 min  
Delta R.T.: -0.017 min  
Response: 3172951  
Conc: 0.24 ng/ml



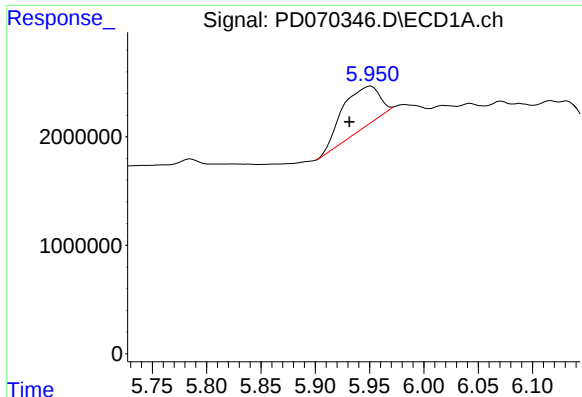
#13 Dieldrin

R.T.: 5.640 min  
Delta R.T.: -0.035 min  
Response: 720175  
Conc: 0.38 ng/ml



#13 Dieldrin

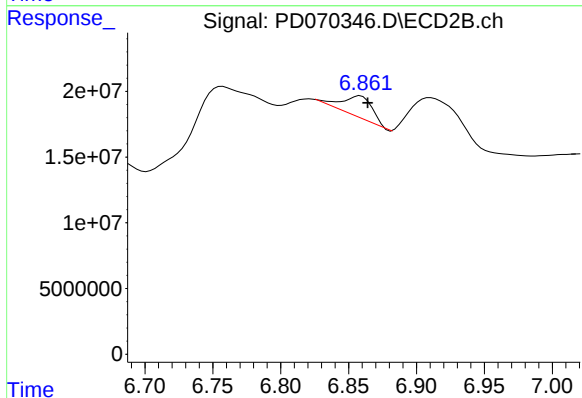
R.T.: 6.632 min  
Delta R.T.: -0.012 min  
Response: 9603096  
Conc: 0.70 ng/ml



#14 Endrin

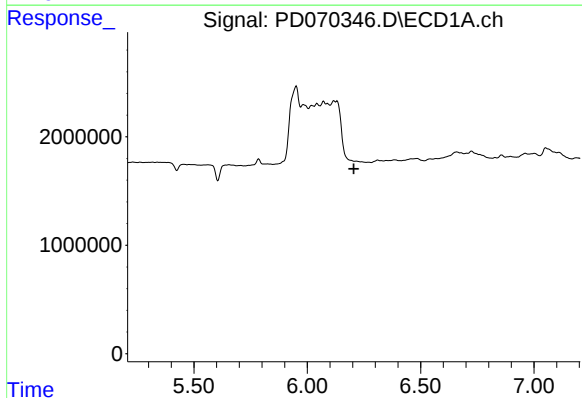
R.T.: 5.951 min  
Delta R.T.: 0.020 min  
Response: 8814620  
Conc: 5.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



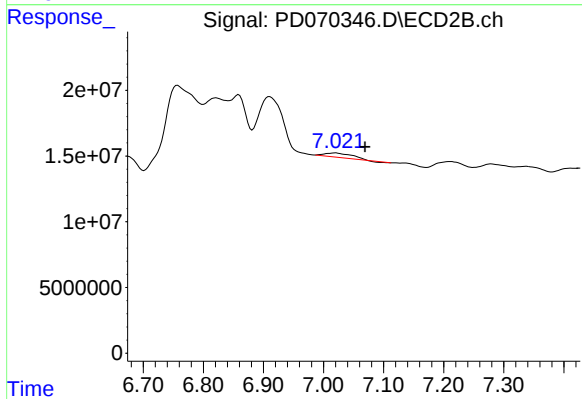
#14 Endrin

R.T.: 6.858 min  
Delta R.T.: -0.006 min  
Response: 25249465  
Conc: 2.19 ng/ml



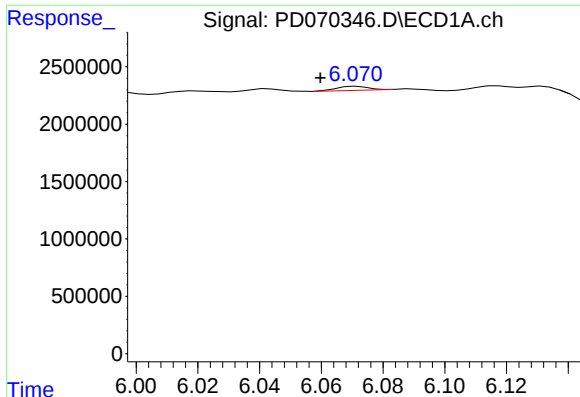
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.205 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

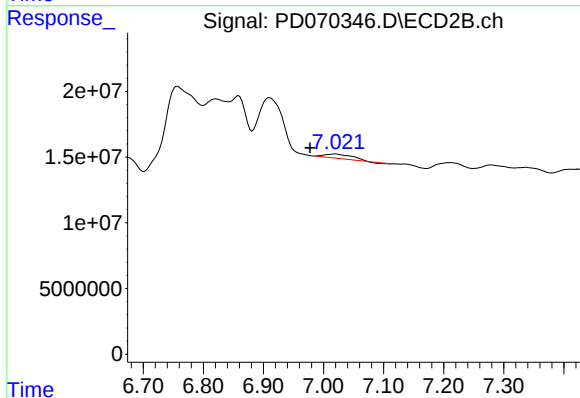
R.T.: 7.020 min  
Delta R.T.: -0.049 min  
Response: 5702195  
Conc: 0.52 ng/ml



#16 4,4'-DDD

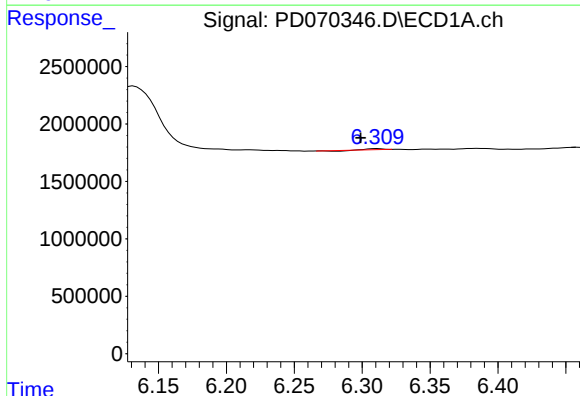
R.T.: 6.072 min  
Delta R.T.: 0.012 min  
Response: 246071  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



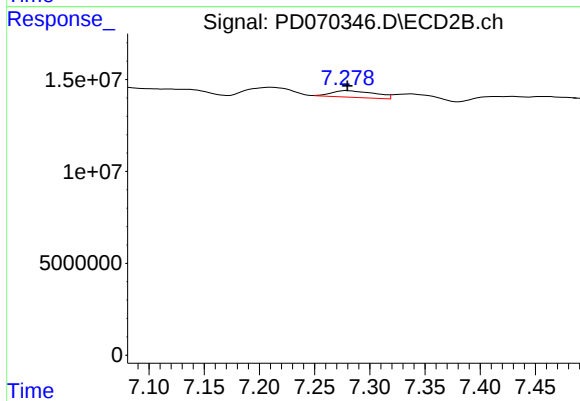
#16 4,4'-DDD

R.T.: 7.020 min  
Delta R.T.: 0.042 min  
Response: 5702195  
Conc: 0.52 ng/ml



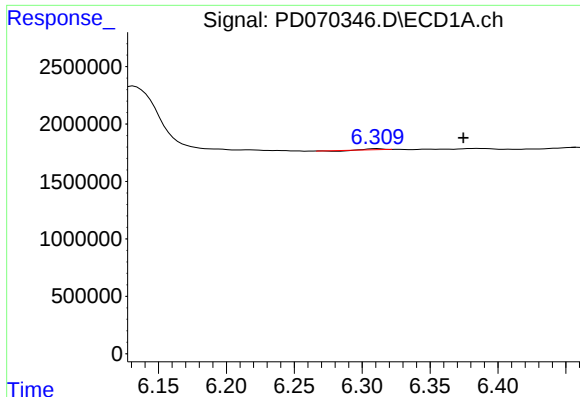
#17 4,4'-DDT

R.T.: 6.311 min  
Delta R.T.: 0.012 min  
Response: 18906  
Conc: N.D.



#17 4,4'-DDT

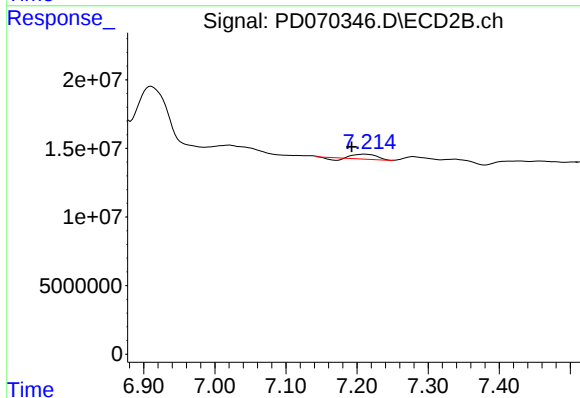
R.T.: 7.279 min  
Delta R.T.: 0.000 min  
Response: 9958539  
Conc: 0.97 ng/ml



#18 Endrin aldehyde

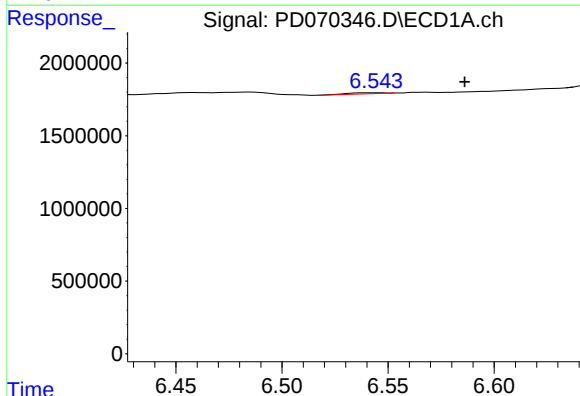
R.T.: 6.311 min  
Delta R.T.: -0.064 min  
Response: 18906  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



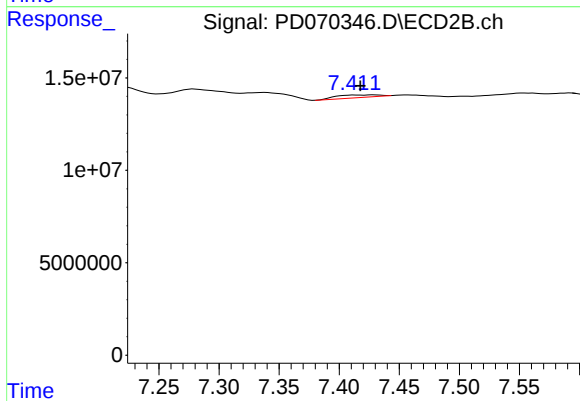
#18 Endrin aldehyde

R.T.: 7.211 min  
Delta R.T.: 0.018 min  
Response: 7122126  
Conc: 0.85 ng/ml



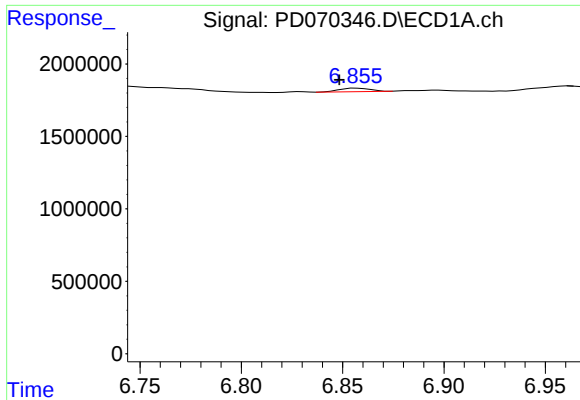
#19 Endosulfan Sulfate

R.T.: 6.544 min  
Delta R.T.: -0.042 min  
Response: 86203  
Conc: N.D.



#19 Endosulfan Sulfate

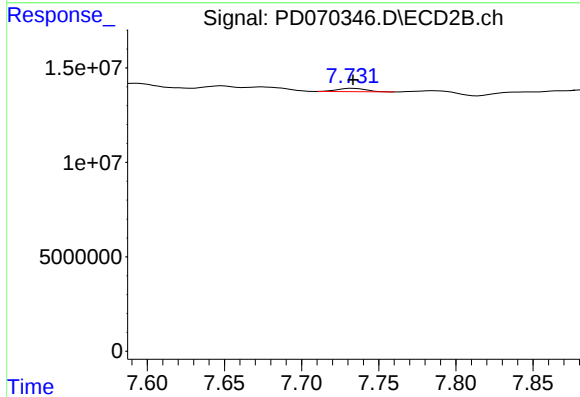
R.T.: 7.429 min  
Delta R.T.: 0.011 min  
Response: 3518885  
Conc: 0.36 ng/ml



#20 Methoxychlor

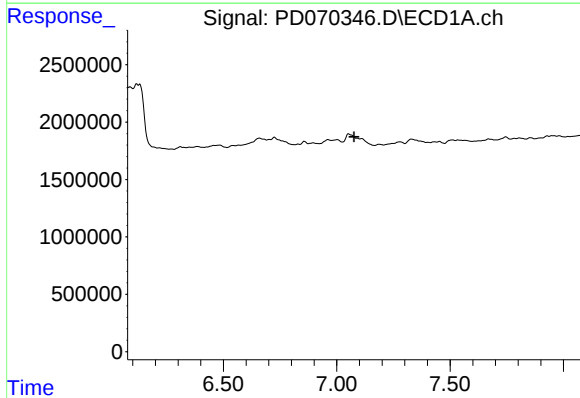
R.T.: 6.857 min  
Delta R.T.: 0.009 min  
Response: 254809  
Conc: 0.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



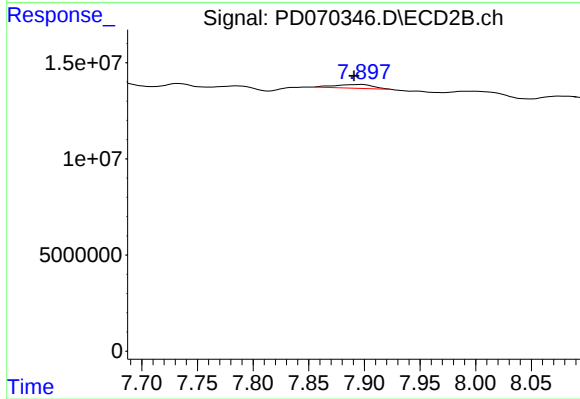
#20 Methoxychlor

R.T.: 7.733 min  
Delta R.T.: 0.000 min  
Response: 2237967  
Conc: 0.47 ng/ml



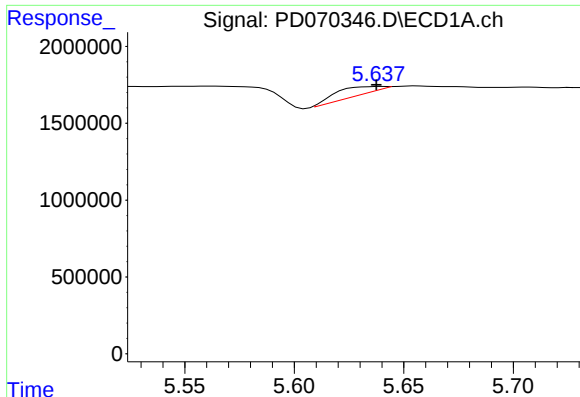
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.077 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

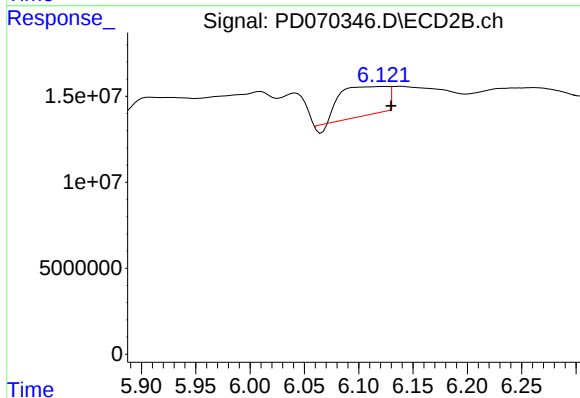
R.T.: 7.897 min  
Delta R.T.: 0.006 min  
Response: 4621945  
Conc: 0.45 ng/ml



#22 Toxaphene-1

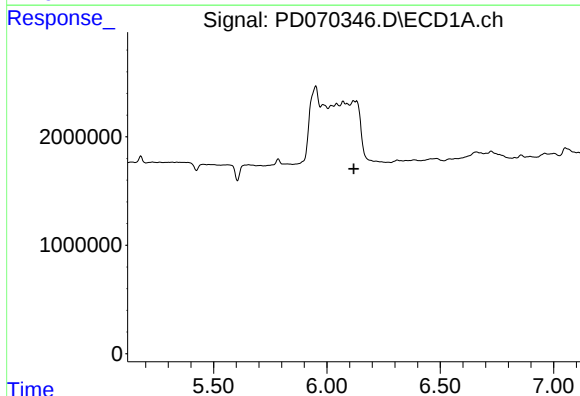
R.T.: 5.640 min  
Delta R.T.: 0.003 min  
Response: 720175  
Conc: 66.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



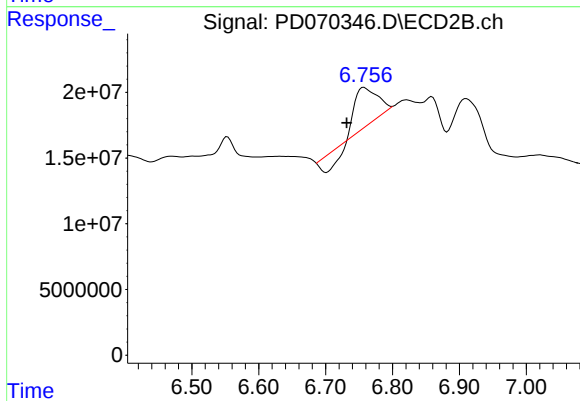
#22 Toxaphene-1

R.T.: 6.123 min  
Delta R.T.: -0.007 min  
Response: 48371765  
Conc: 1520.14 ng/ml



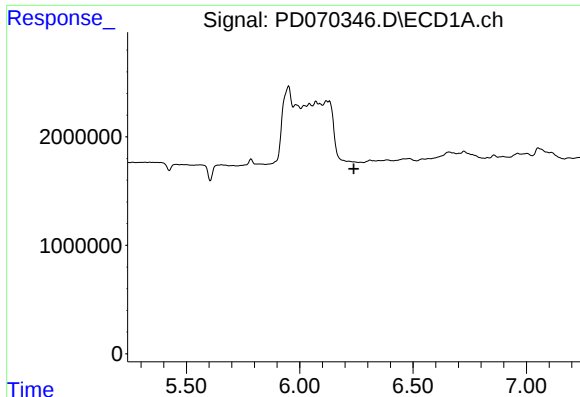
#23 Toxaphene-2

R.T.: 6.117 min  
Delta R.T.: -0.001 min  
Response: -75044  
Conc: N.D.



#23 Toxaphene-2

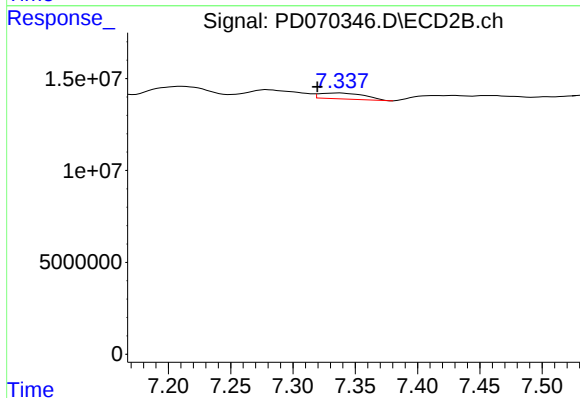
R.T.: 6.757 min  
Delta R.T.: 0.026 min  
Response: 44467566  
Conc: 362.37 ng/ml



#24 Toxaphene-3

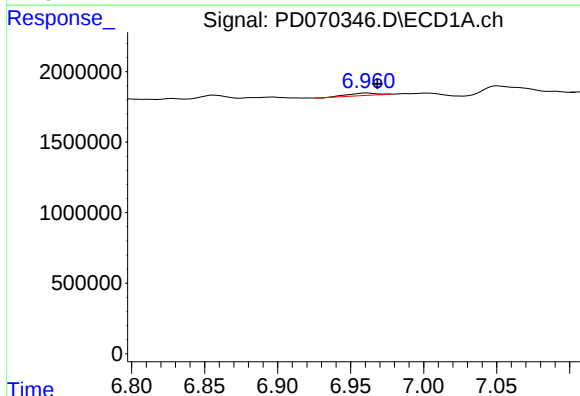
R.T.: 0.000 min  
Exp R.T.: 6.238 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



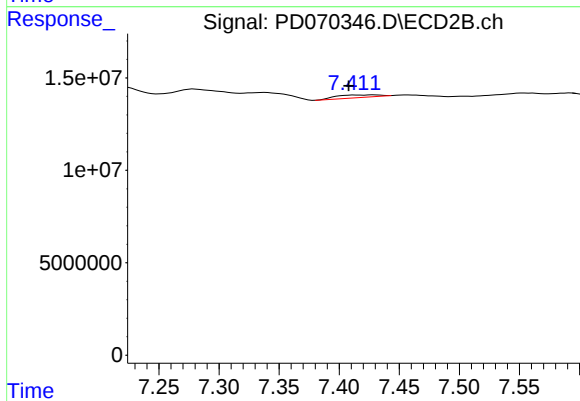
#24 Toxaphene-3

R.T.: 7.337 min  
Delta R.T.: 0.018 min  
Response: 8043166  
Conc: 29.73 ng/ml



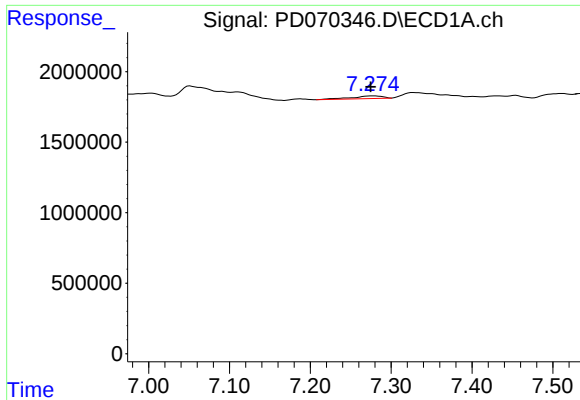
#25 Toxaphene-4

R.T.: 6.962 min  
Delta R.T.: -0.006 min  
Response: 222785  
Conc: 6.85 ng/ml



#25 Toxaphene-4

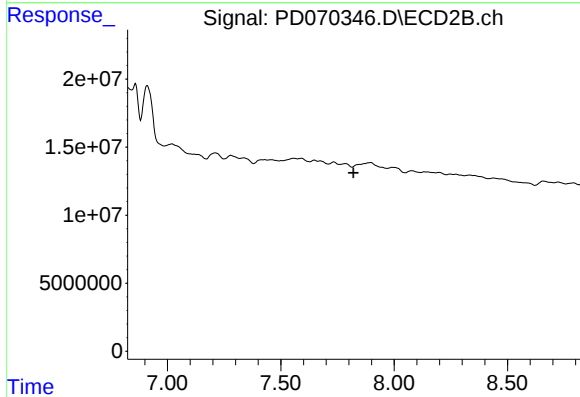
R.T.: 7.429 min  
Delta R.T.: 0.021 min  
Response: 3518885  
Conc: 21.95 ng/ml



#26 Toxaphene-5

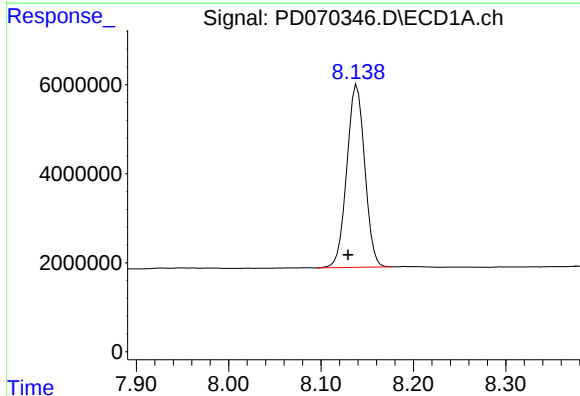
R.T.: 7.278 min  
Delta R.T.: 0.003 min  
Response: 509081  
Conc: 97.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



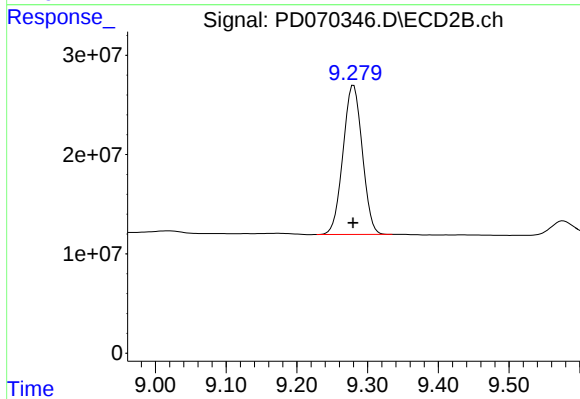
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.821 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.139 min  
Delta R.T.: 0.010 min  
Response: 55352283  
Conc: 34.56 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.280 min  
Delta R.T.: 0.000 min  
Response: 284470866  
Conc: 39.42 ng/ml