

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092820\  
 Data File : PD059395.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Sep 2020 13:10  
 Operator : DD\AJ  
 Sample : MDL-TOX-14  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 13:52:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092420CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 25 05:12:00 2020  
 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

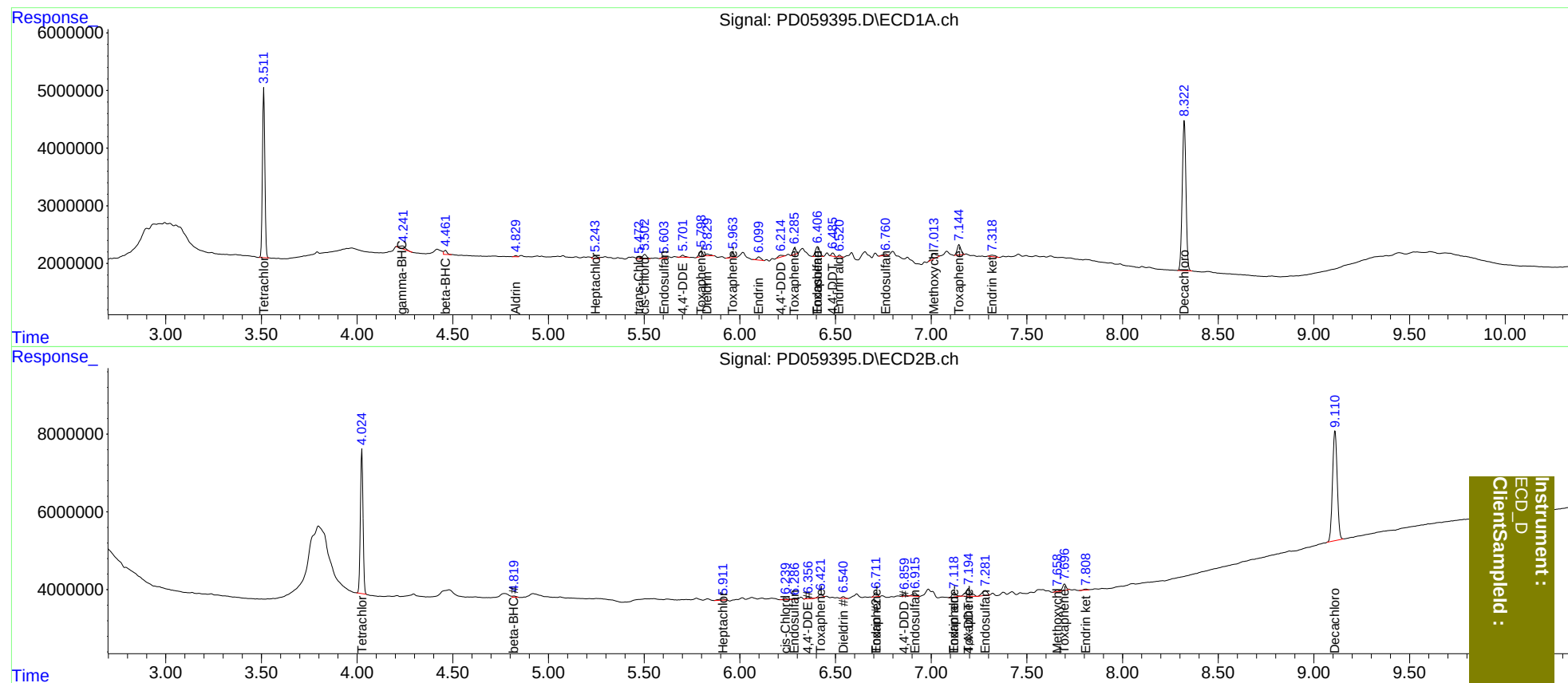
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|---------|
| -----                       |                 |        |        |          |          |         |         |
| System Monitoring Compounds |                 |        |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.513  | 4.026  | 25961332 | 35679874 | 20.697  | 21.204  |
| 27)                         | SA Decachlor... | 8.323  | 9.111  | 35357720 | 48545276 | 41.900  | 42.644  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.947  | 0.000  | 122193   | 0        | <MDL    | N.D. #  |
| 3)                          | MA gamma-BHC... | 4.237  | 0.000  | 974303   | 0        | 0.577   | N.D. #  |
| 5)                          | MB Aldrin       | 4.830  | 0.000  | 208819   | 0        | 0.129   | N.D. #  |
| 6)                          | B beta-BHC      | 4.463f | 4.820f | 831769   | 437745   | 1.078   | 0.433 # |
| 8)                          | B Heptachlo...  | 5.244  | 5.912  | 745553   | 724353   | 0.521   | 0.385 # |
| 9)                          | A Endosulfan I  | 5.605  | 6.287  | 298767   | 218927   | 0.232   | 0.132 # |
| 10)                         | B trans-Chl...  | 5.474  | 0.000  | 370117   | 0        | 0.262   | N.D. #  |
| 11)                         | B cis-Chlor...  | 5.504f | 6.240  | 1200658  | 318607   | 0.853   | 0.176 # |
| 12)                         | B 4,4'-DDE      | 5.703  | 6.357  | 439484   | 445822   | 0.330   | 0.261   |
| 13)                         | MA Dieldrin     | 5.831  | 6.541  | 468825   | 515305   | 0.348   | 0.290   |
| 14)                         | MA Endrin       | 6.100  | 6.712  | 832018   | 1230092  | 0.842   | 0.959   |
| 15)                         | B Endosulfa...  | 6.407  | 6.916  | 2653911  | 1320949  | 2.470   | 0.926 # |
| 16)                         | A 4,4'-DDD      | 6.215  | 6.861  | 508940   | 710845   | 0.490   | 0.526   |
| 17)                         | MA 4,4'-DDT     | 6.487  | 7.195f | 597283   | 4023825  | 0.567   | 3.621 # |
| 18)                         | B Endrin al...  | 6.521  | 7.120f | 252000   | 1566944  | 0.284   | 1.327 # |
| 19)                         | B Endosulfa...  | 6.761  | 7.283  | 387947   | 2397429  | 0.382   | 1.645 # |
| 20)                         | A Methoxychlor  | 7.015  | 7.661f | 1570836  | 449924   | 3.186   | 0.726 # |
| 21)                         | B Endrin ke...  | 7.319f | 7.810f | 538719   | 364598   | 0.500   | 0.260 # |
| 22)                         | Toxaphene-1     | 5.799  | 6.424  | 1194157  | 1032317  | 149.765 | 127.049 |
| 23)                         | Toxaphene-2     | 5.964  | 6.712  | 1038444  | 1230092  | 137.016 | 126.051 |
| 24)                         | Toxaphene-3     | 6.287  | 7.120  | 1238482  | 1566944  | 150.578 | 122.775 |
| 25)                         | Toxaphene-4     | 6.407  | 7.195  | 2653911  | 4023825  | 139.764 | 125.111 |
| 26)                         | Toxaphene-5     | 7.146  | 7.698  | 2441418  | 2092173  | 143.269 | 111.264 |
| -----                       |                 |        |        |          |          |         |         |

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

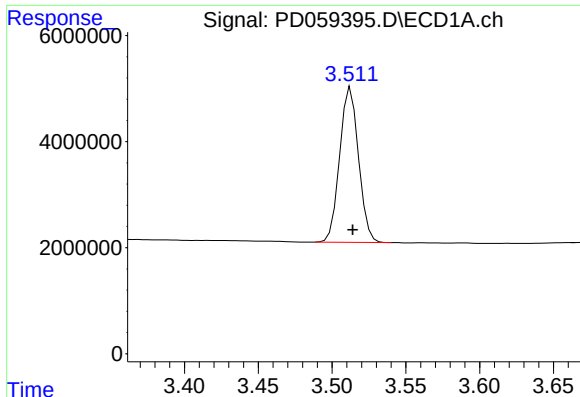
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092820\  
Data File : PD059395.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Sep 2020 13:10  
Operator : DD\AJ  
Sample : MDL-TOX-14  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 13:52:59 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD092420CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 25 05:12:00 2020  
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



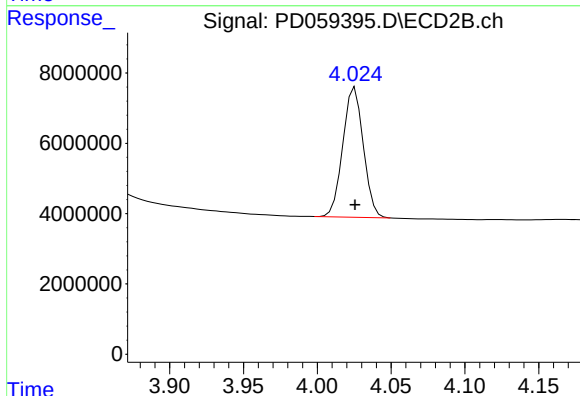
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

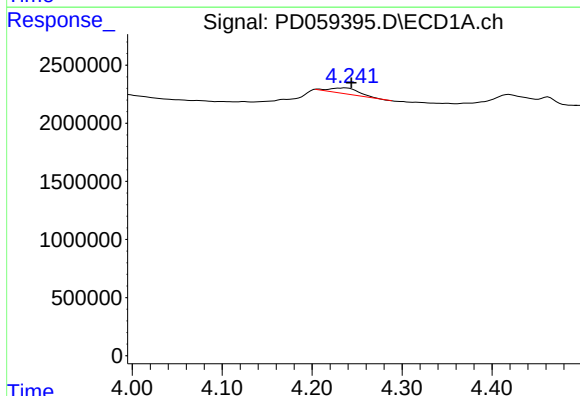
R.T.: 3.513 min  
Delta R.T.: -0.001 min  
Response: 25961332  
Conc: 20.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



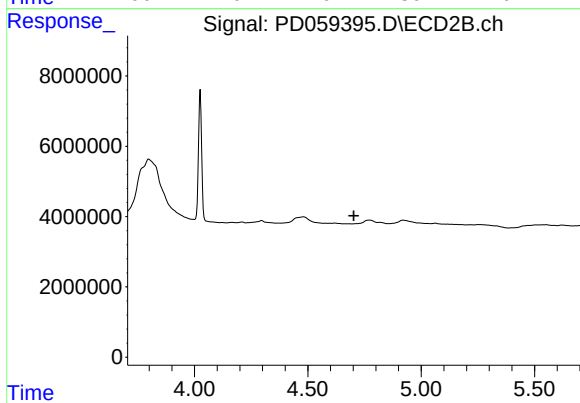
#1 Tetrachloro-m-xylene

R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 35679874  
Conc: 21.20 ng/ml



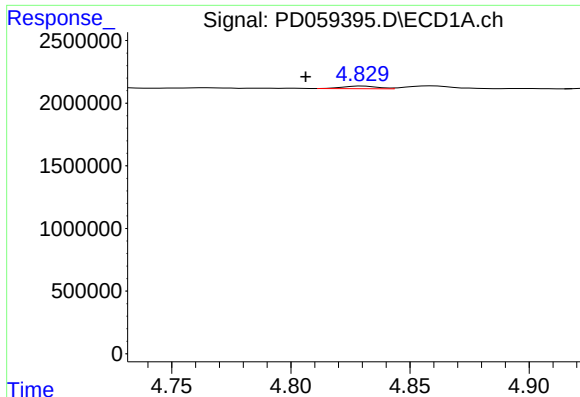
#3 gamma-BHC (Lindane)

R.T.: 4.237 min  
Delta R.T.: -0.006 min  
Response: 974303  
Conc: 0.58 ng/ml



#3 gamma-BHC (Lindane)

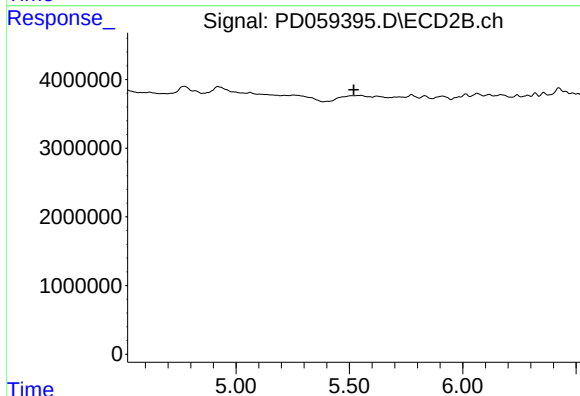
R.T.: 0.000 min  
Exp R.T. : 4.702 min  
Response: 0  
Conc: N.D.



#5 Aldrin

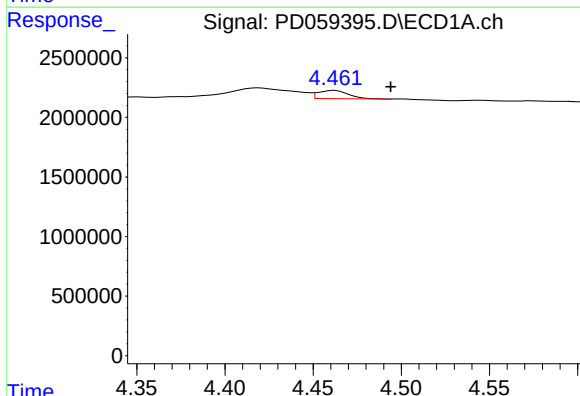
R.T.: 4.830 min  
Delta R.T.: 0.024 min  
Response: 208819  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



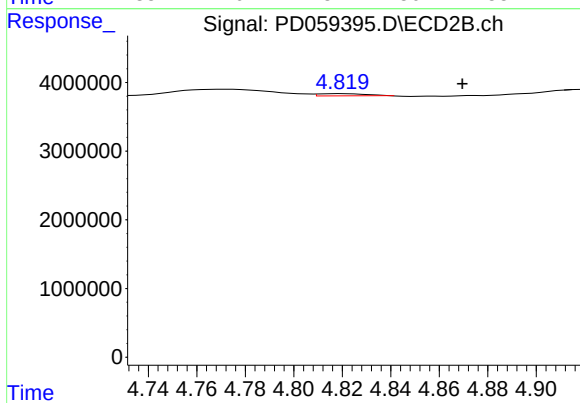
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



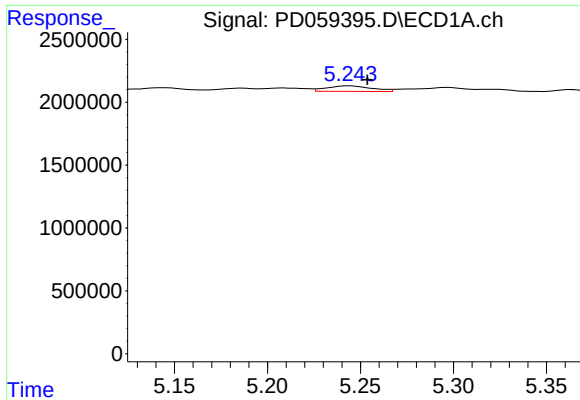
#6 beta-BHC

R.T.: 4.463 min  
Delta R.T.: -0.032 min  
Response: 831769  
Conc: 1.08 ng/ml



#6 beta-BHC

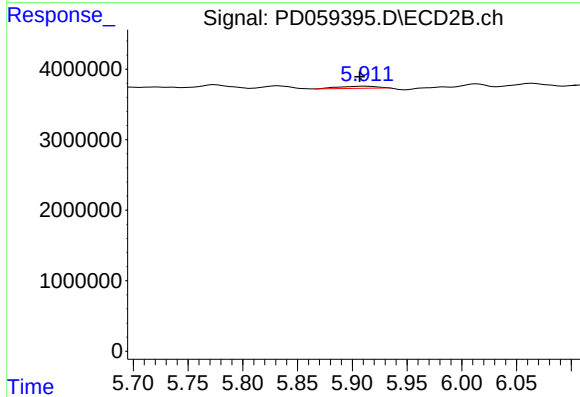
R.T.: 4.820 min  
Delta R.T.: -0.049 min  
Response: 437745  
Conc: 0.43 ng/ml



#8 Heptachlor epoxide

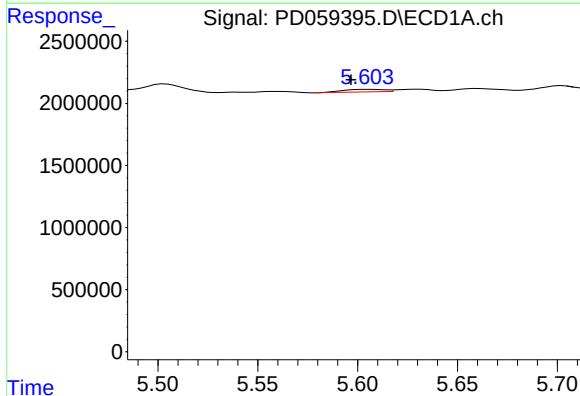
R.T.: 5.244 min  
Delta R.T.: -0.009 min  
Response: 745553  
Conc: 0.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



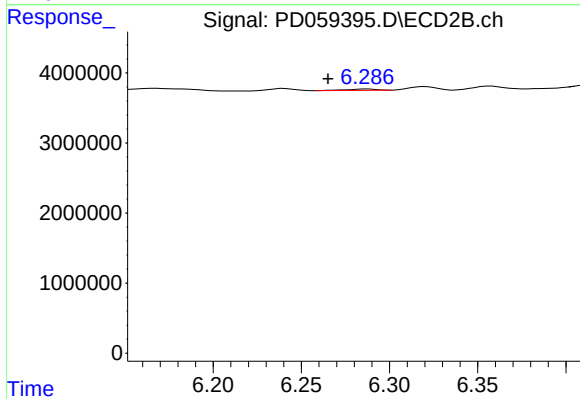
#8 Heptachlor epoxide

R.T.: 5.912 min  
Delta R.T.: 0.006 min  
Response: 724353  
Conc: 0.38 ng/ml



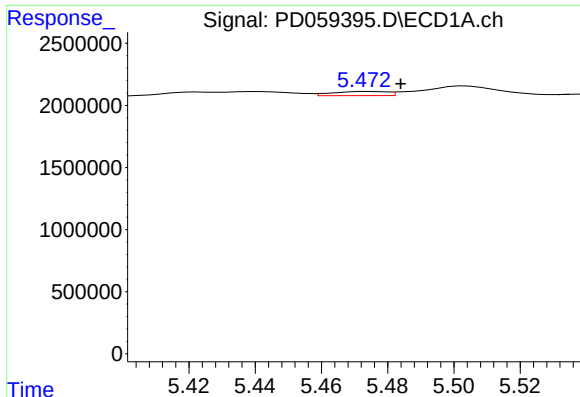
#9 Endosulfan I

R.T.: 5.605 min  
Delta R.T.: 0.008 min  
Response: 298767  
Conc: 0.23 ng/ml



#9 Endosulfan I

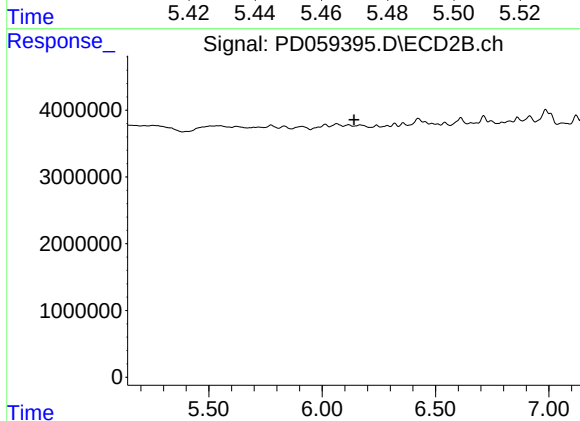
R.T.: 6.287 min  
Delta R.T.: 0.022 min  
Response: 218927  
Conc: 0.13 ng/ml



#10 trans-Chlordane

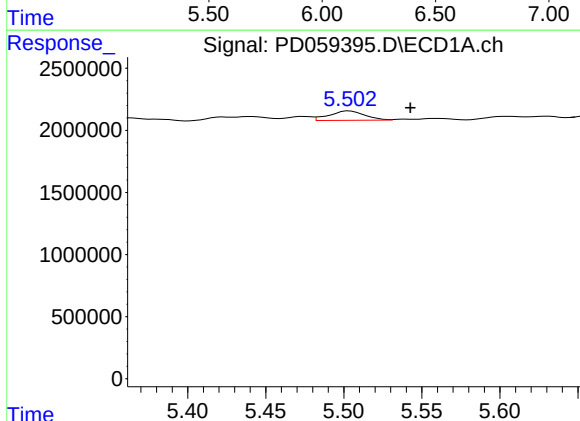
R.T.: 5.474 min  
Delta R.T.: -0.010 min  
Response: 370117  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



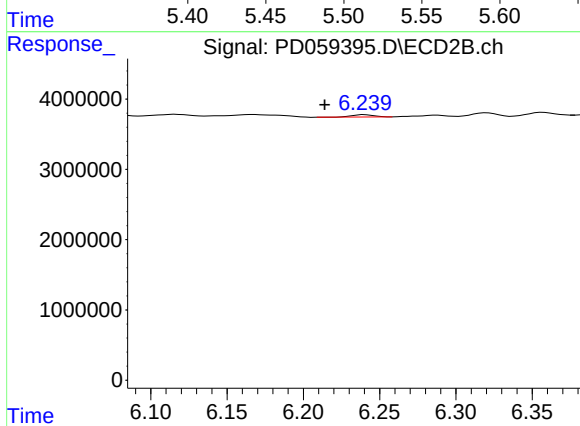
#10 trans-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.141 min  
Response: 0  
Conc: N.D.



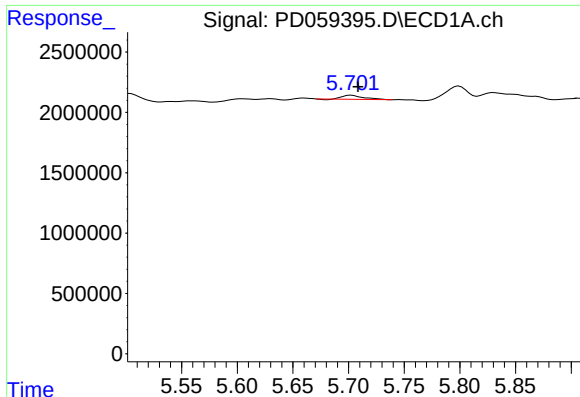
#11 cis-Chlordane

R.T.: 5.504 min  
Delta R.T.: -0.039 min  
Response: 1200658  
Conc: 0.85 ng/ml



#11 cis-Chlordane

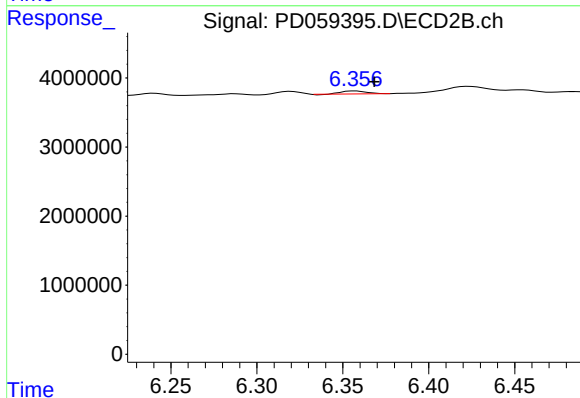
R.T.: 6.240 min  
Delta R.T.: 0.026 min  
Response: 318607  
Conc: 0.18 ng/ml



#12 4,4'-DDE

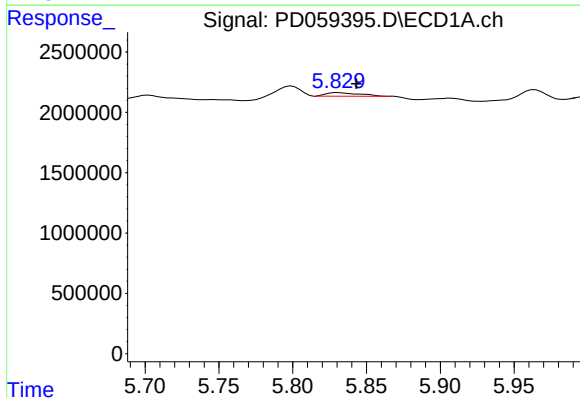
R.T.: 5.703 min  
Delta R.T.: -0.006 min  
Response: 439484  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



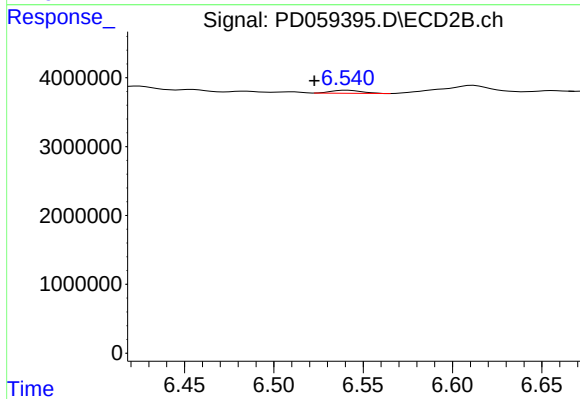
#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: -0.011 min  
Response: 445822  
Conc: 0.26 ng/ml



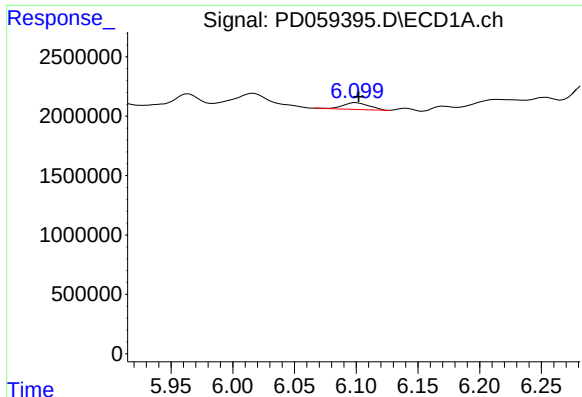
#13 Dieldrin

R.T.: 5.831 min  
Delta R.T.: -0.012 min  
Response: 468825  
Conc: 0.35 ng/ml



#13 Dieldrin

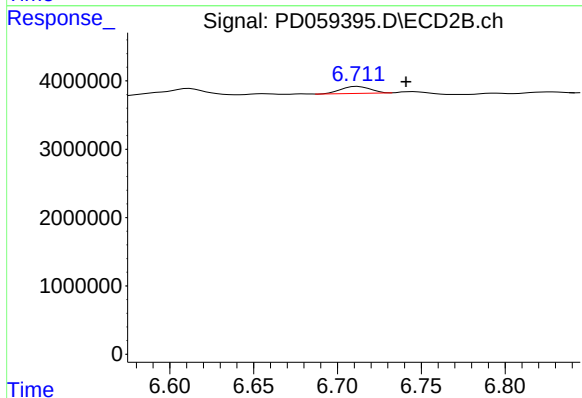
R.T.: 6.541 min  
Delta R.T.: 0.019 min  
Response: 515305  
Conc: 0.29 ng/ml



#14 Endrin

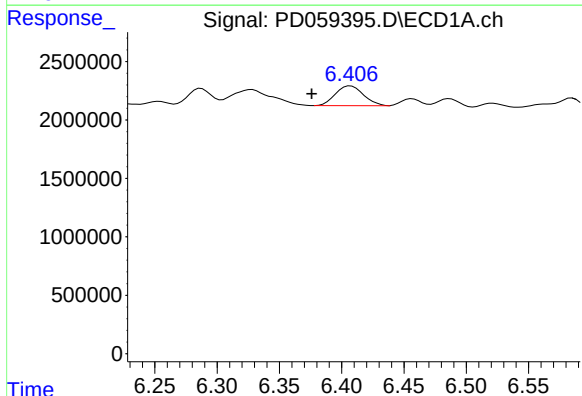
R.T.: 6.100 min  
Delta R.T.: -0.002 min  
Response: 832018  
Conc: 0.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



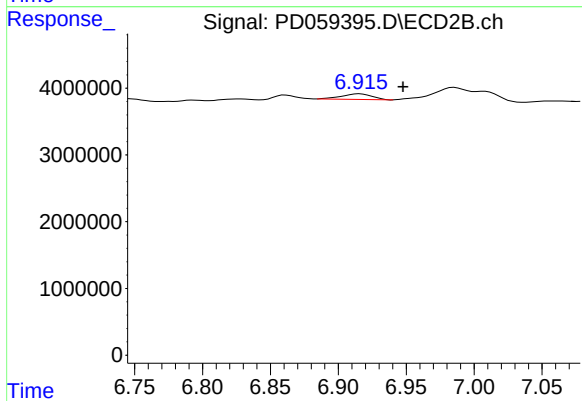
#14 Endrin

R.T.: 6.712 min  
Delta R.T.: -0.029 min  
Response: 1230092  
Conc: 0.96 ng/ml



#15 Endosulfan II

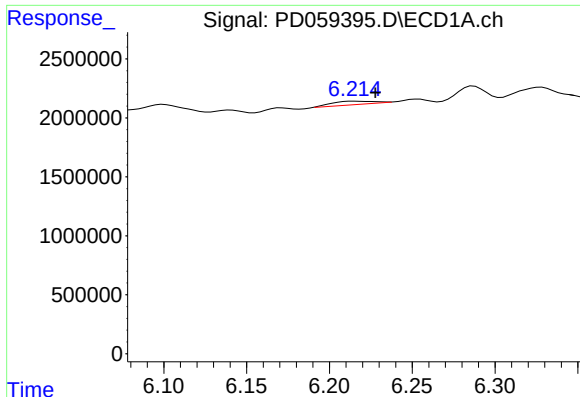
R.T.: 6.407 min  
Delta R.T.: 0.031 min  
Response: 2653911  
Conc: 2.47 ng/ml



#15 Endosulfan II

R.T.: 6.916 min  
Delta R.T.: -0.032 min  
Response: 1320949  
Conc: 0.93 ng/ml

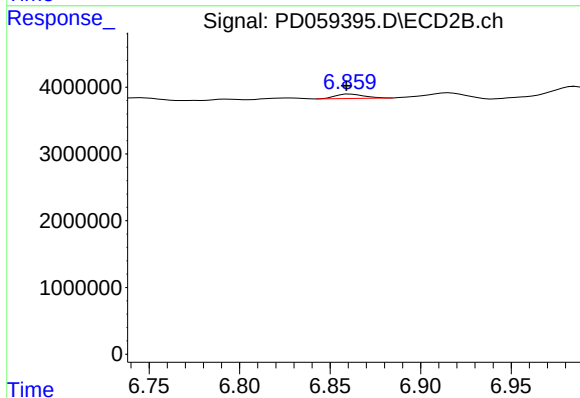




#16 4,4'-DDD

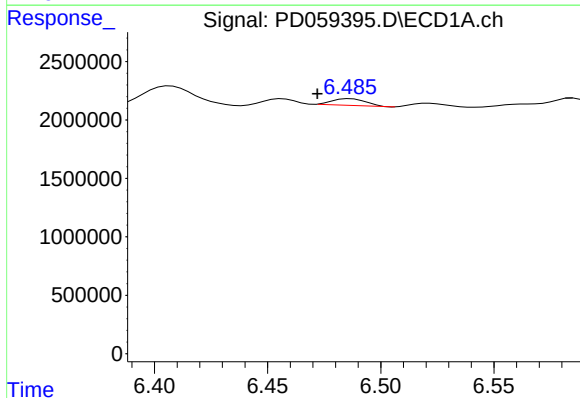
R.T.: 6.215 min  
Delta R.T.: -0.013 min  
Response: 508940  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



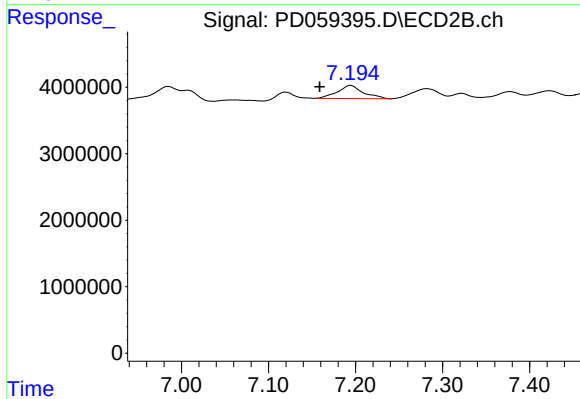
#16 4,4'-DDD

R.T.: 6.861 min  
Delta R.T.: 0.002 min  
Response: 710845  
Conc: 0.53 ng/ml



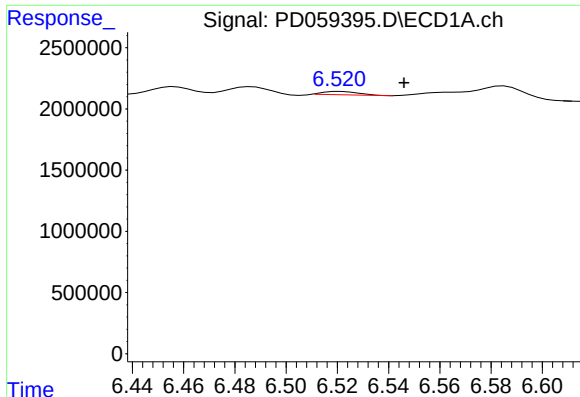
#17 4,4'-DDT

R.T.: 6.487 min  
Delta R.T.: 0.015 min  
Response: 597283  
Conc: 0.57 ng/ml



#17 4,4'-DDT

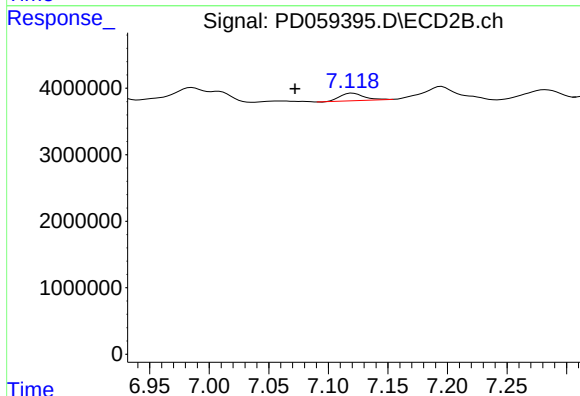
R.T.: 7.195 min  
Delta R.T.: 0.036 min  
Response: 4023825  
Conc: 3.62 ng/ml



#18 Endrin aldehyde

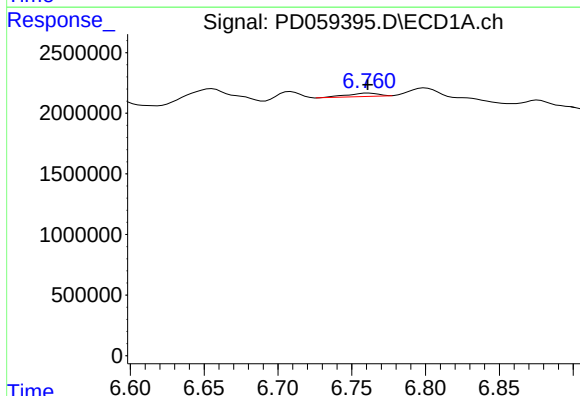
R.T.: 6.521 min  
Delta R.T.: -0.025 min  
Response: 252000  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



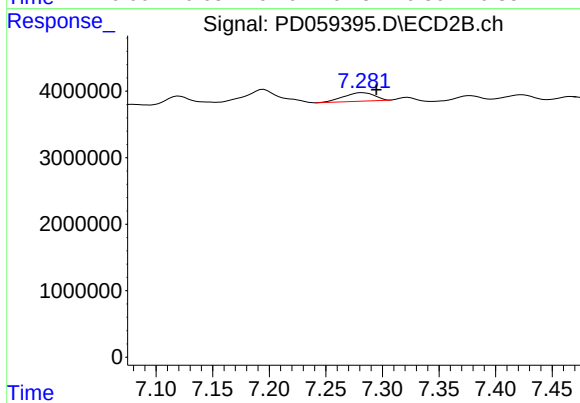
#18 Endrin aldehyde

R.T.: 7.120 min  
Delta R.T.: 0.048 min  
Response: 1566944  
Conc: 1.33 ng/ml



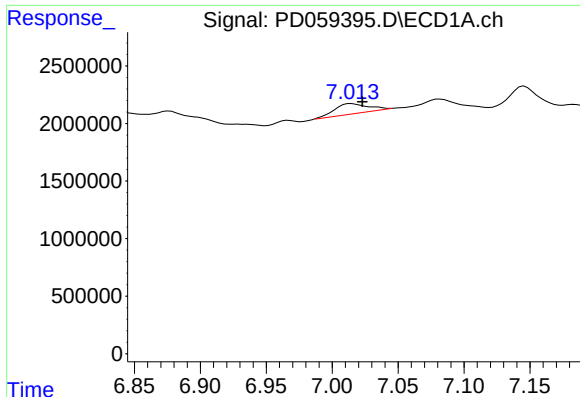
#19 Endosulfan Sulfate

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 387947  
Conc: 0.38 ng/ml



#19 Endosulfan Sulfate

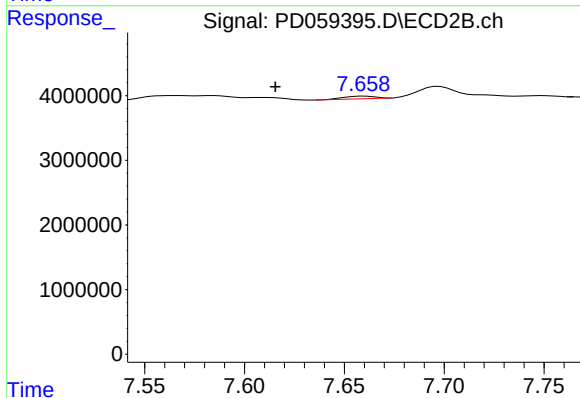
R.T.: 7.283 min  
Delta R.T.: -0.012 min  
Response: 2397429  
Conc: 1.65 ng/ml



#20 Methoxychlor

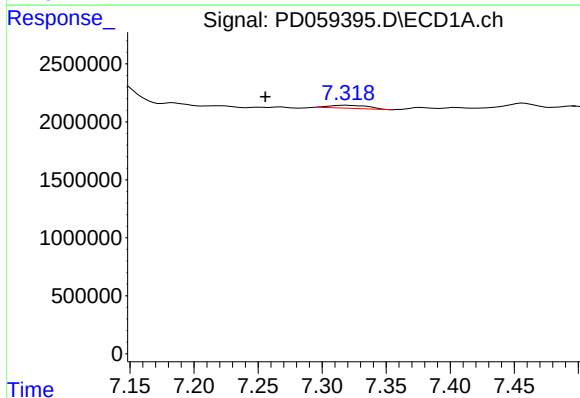
R.T.: 7.015 min  
Delta R.T.: -0.008 min  
Response: 1570836  
Conc: 3.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



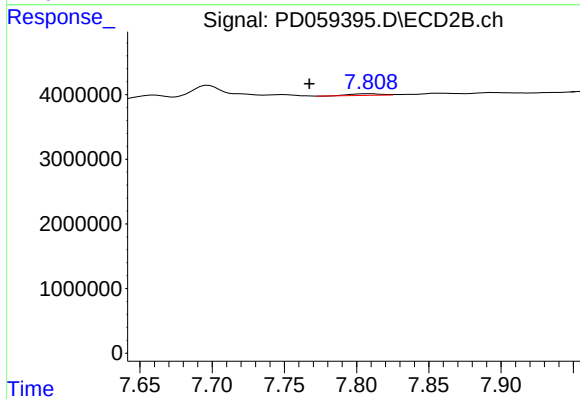
#20 Methoxychlor

R.T.: 7.661 min  
Delta R.T.: 0.045 min  
Response: 449924  
Conc: 0.73 ng/ml



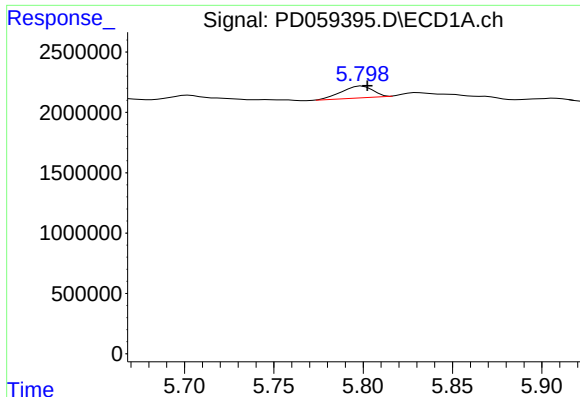
#21 Endrin ketone

R.T.: 7.319 min  
Delta R.T.: 0.063 min  
Response: 538719  
Conc: 0.50 ng/ml



#21 Endrin ketone

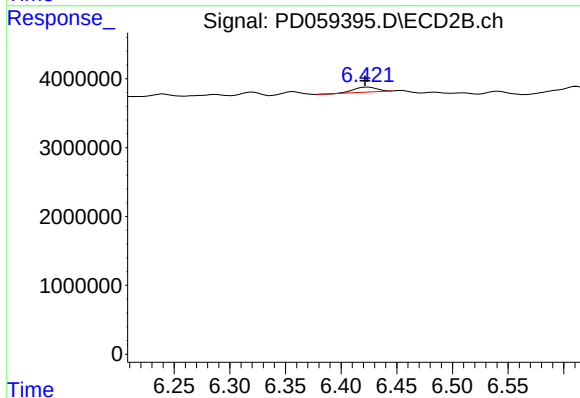
R.T.: 7.810 min  
Delta R.T.: 0.042 min  
Response: 364598  
Conc: 0.26 ng/ml



#22 Toxaphene-1

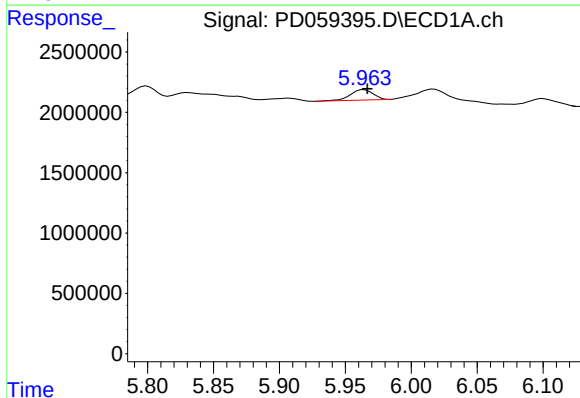
R.T.: 5.799 min  
Delta R.T.: -0.003 min  
Response: 1194157  
Conc: 149.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



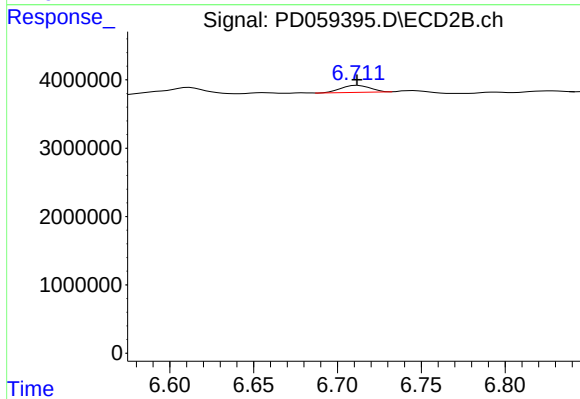
#22 Toxaphene-1

R.T.: 6.424 min  
Delta R.T.: 0.002 min  
Response: 1032317  
Conc: 127.05 ng/ml



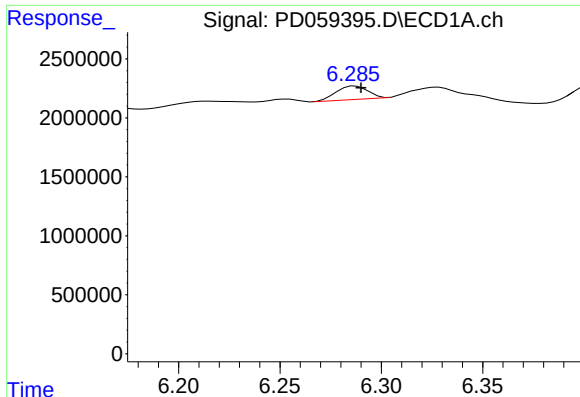
#23 Toxaphene-2

R.T.: 5.964 min  
Delta R.T.: -0.003 min  
Response: 1038444  
Conc: 137.02 ng/ml



#23 Toxaphene-2

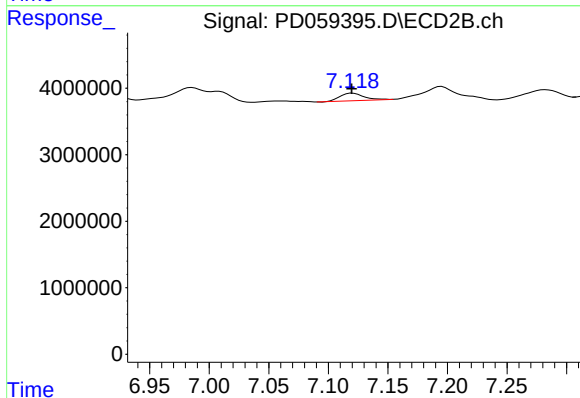
R.T.: 6.712 min  
Delta R.T.: 0.000 min  
Response: 1230092  
Conc: 126.05 ng/ml



#24 Toxaphene-3

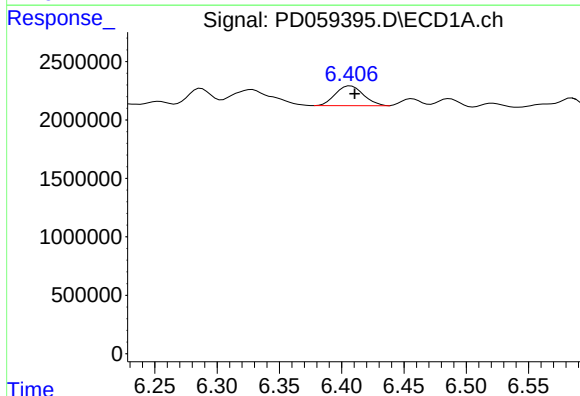
R.T.: 6.287 min  
Delta R.T.: -0.003 min  
Response: 1238482  
Conc: 150.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



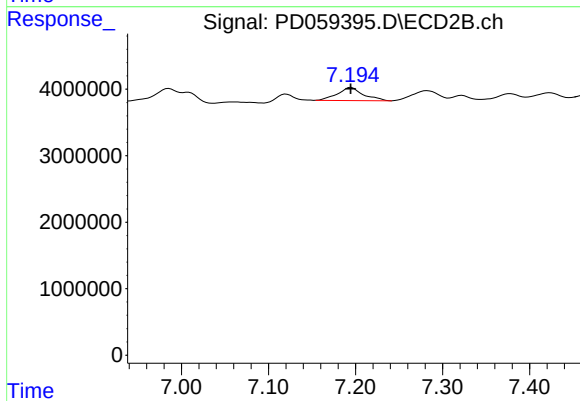
#24 Toxaphene-3

R.T.: 7.120 min  
Delta R.T.: 0.000 min  
Response: 1566944  
Conc: 122.78 ng/ml



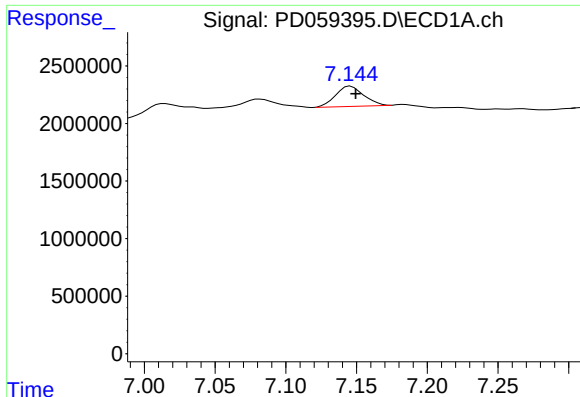
#25 Toxaphene-4

R.T.: 6.407 min  
Delta R.T.: -0.004 min  
Response: 2653911  
Conc: 139.76 ng/ml



#25 Toxaphene-4

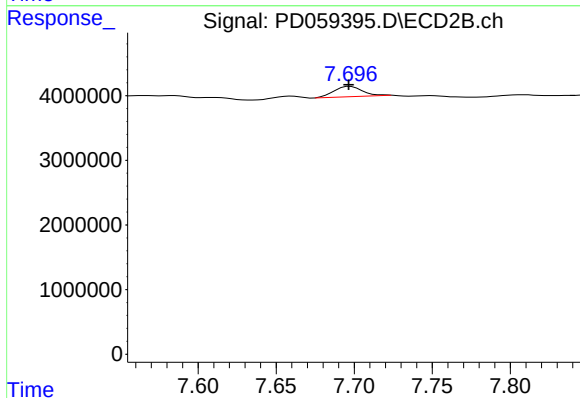
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 4023825  
Conc: 125.11 ng/ml



#26 Toxaphene-5

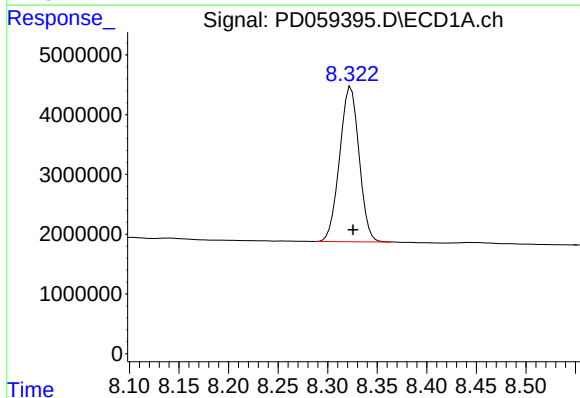
R.T.: 7.146 min  
Delta R.T.: -0.004 min  
Response: 2441418  
Conc: 143.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



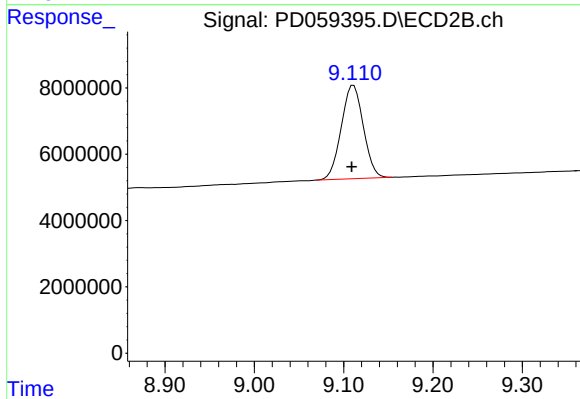
#26 Toxaphene-5

R.T.: 7.698 min  
Delta R.T.: 0.001 min  
Response: 2092173  
Conc: 111.26 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.323 min  
Delta R.T.: -0.002 min  
Response: 35357720  
Conc: 41.90 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: 0.002 min  
Response: 48545276  
Conc: 42.64 ng/ml