

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020323\  
 Data File : PD073819.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Feb 2023 18:13  
 Operator : AR\AJ  
 Sample : 01378-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 03 23:59:25 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012523CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 25 02:23:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

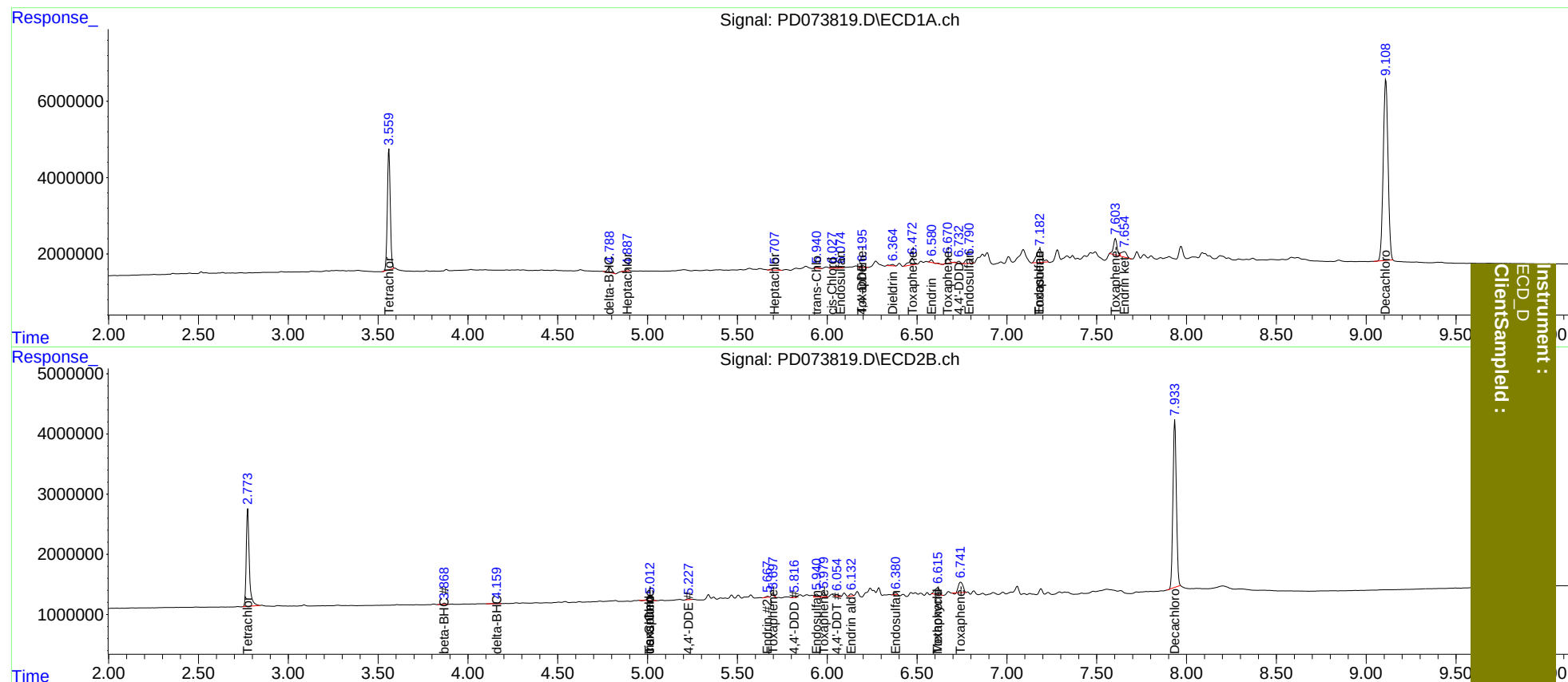
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.561  | 2.775  | 35924831 | 19148295 | 15.170  | 15.085   |
| 27)                         | SA Decachlor... | 9.109  | 7.935  | 88617399 | 36962671 | 32.120  | 30.712   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.018  | 0.000  | 241502   | 0        | <MDL    | N.D. #   |
| 4)                          | MA Heptachlor   | 4.889f | 0.000  | 550820   | 0        | 0.151   | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 4.269f | 0        | 124066   | N.D.    | <MDL     |
| 6)                          | B beta-BHC      | 0.000  | 3.869f | 0        | 255529   | N.D.    | 0.313    |
| 7)                          | B delta-BHC     | 4.789  | 4.159  | 2445674  | 221232   | 0.748   | 0.128 #  |
| 8)                          | B Heptachlo...  | 5.708  | 0.000  | 1275691  | 0        | 0.392   | N.D. #   |
| 9)                          | A Endosulfan I  | 6.075  | 0.000  | 314327   | 0        | 0.102   | N.D. #   |
| 10)                         | B trans-Chl...  | 5.942  | 5.013  | 409496   | 687854   | 0.127   | 0.440 #  |
| 11)                         | B cis-Chlor...  | 6.030  | 5.013f | 492551   | 687854   | 0.148   | 0.428 #  |
| 12)                         | B 4,4'-DDE      | 6.196  | 5.229  | 880910   | 195086   | 0.279   | 0.133 #  |
| 13)                         | MA Dieldrin     | 6.363  | 5.368  | 588769   | -131545  | 0.175   | N.D. #   |
| 14)                         | MA Endrin       | 6.580  | 5.669  | 733939   | 181707   | 0.262   | 0.141 #  |
| 15)                         | B Endosulfa...  | 6.789  | 5.942  | 2512704  | 665514   | 0.850   | 0.484 #  |
| 16)                         | A 4,4'-DDD      | 6.733  | 5.817  | 707223   | 315349   | 0.278   | 0.261    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.055  | 0        | 368835   | N.D.    | 0.312    |
| 18)                         | B Endrin al...  | 6.967  | 6.134  | -107981  | 405184   | N.D.    | 0.371    |
| 19)                         | B Endosulfa...  | 7.183  | 6.382f | 7771873  | 352158   | 2.797   | 0.280 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.616  | 0        | 2118335  | N.D.    | 3.841    |
| 21)                         | B Endrin ke...  | 7.653  | 6.867  | 3068426  | -412423  | 0.963   | N.D. #   |
| 22)                         | Toxaphene-1     | 6.196f | 5.013  | 880910   | 687854   | 39.145  | 78.375 # |
| 23)                         | Toxaphene-2     | 6.473  | 5.698  | 3394758  | 323283   | 115.341 | 39.031 # |
| 24)                         | Toxaphene-3     | 6.673  | 5.980  | 1591854  | 935716   | 75.704  | 97.077 # |
| 25)                         | Toxaphene-4     | 7.183  | 6.616  | 7771873  | 2118335  | 123.572 | 71.324 # |
| 26)                         | Toxaphene-5     | 7.604  | 6.743  | 5981947  | 3076287  | 127.245 | 81.288 # |
| -----                       |                 |        |        |          |          |         |          |

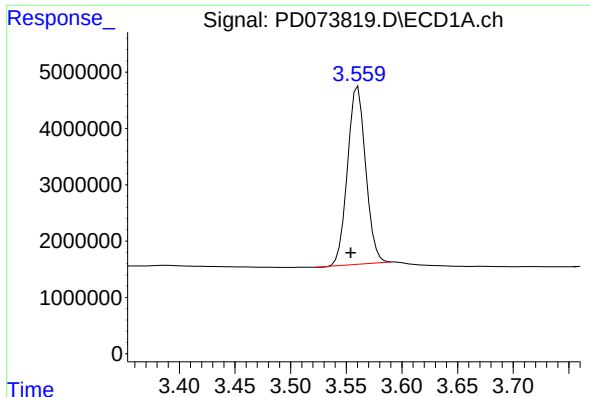
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020323\  
Data File : PD073819.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Feb 2023 18:13  
Operator : AR\AJ  
Sample : 01378-01  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 03 23:59:25 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012523CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Jan 25 02:23:06 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

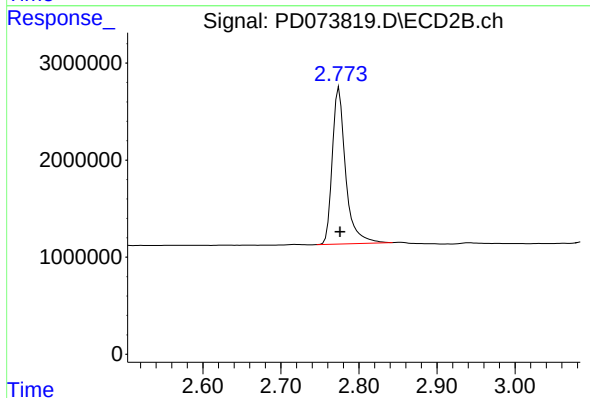




#1 Tetrachloro-m-xylene

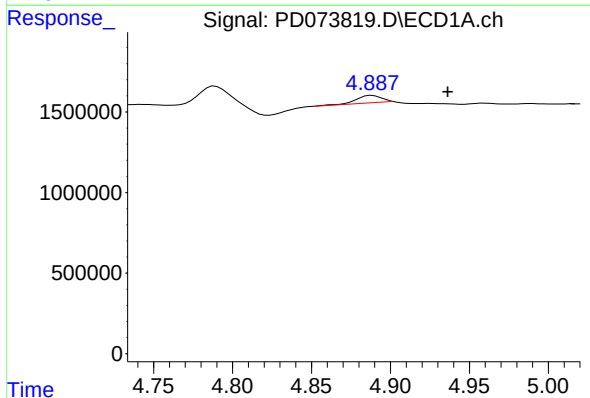
R.T.: 3.561 min  
Delta R.T.: 0.007 min  
Response: 35924831  
Conc: 15.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



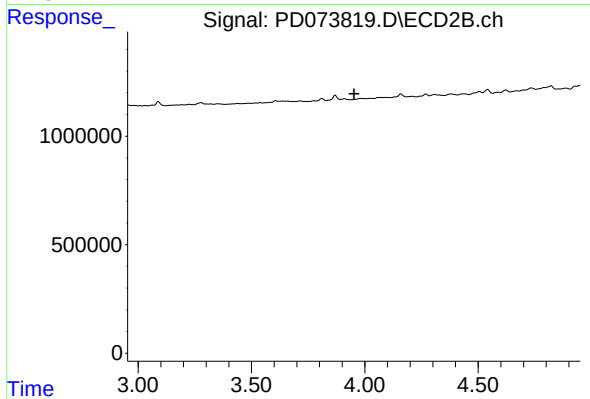
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.001 min  
Response: 19148295  
Conc: 15.08 ng/ml



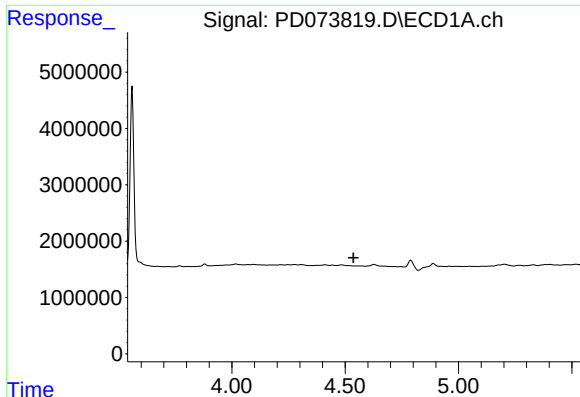
#4 Heptachlor

R.T.: 4.889 min  
Delta R.T.: -0.048 min  
Response: 550820  
Conc: 0.15 ng/ml



#4 Heptachlor

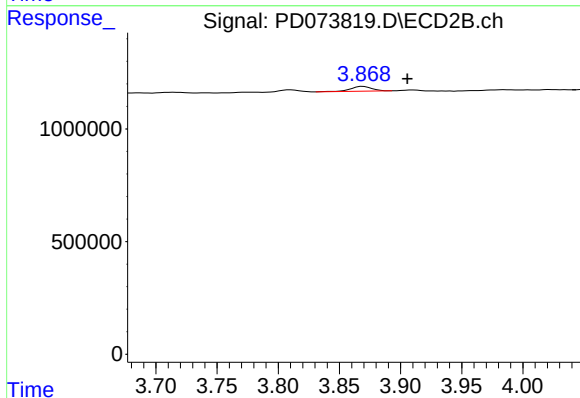
R.T.: 0.000 min  
Exp R.T. : 3.952 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

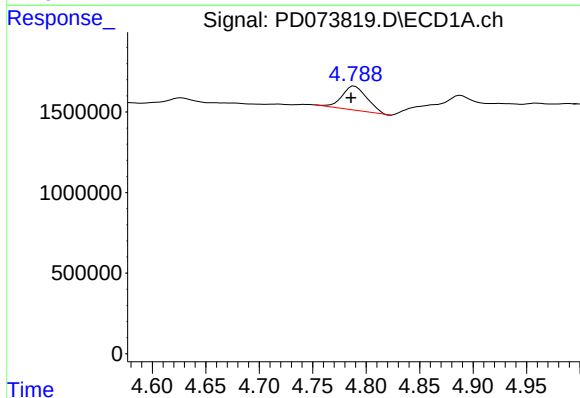
R.T.: 0.000 min  
Exp R.T.: 4.537 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



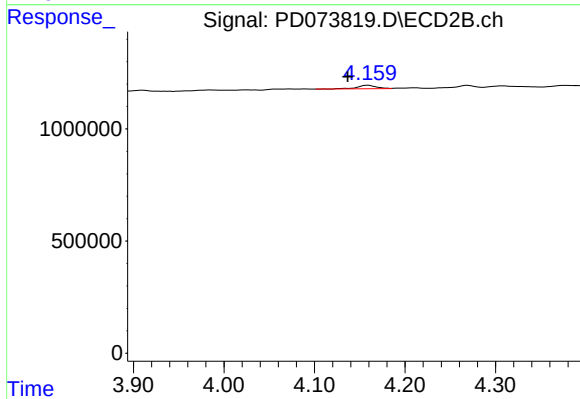
#6 beta-BHC

R.T.: 3.869 min  
Delta R.T.: -0.036 min  
Response: 255529  
Conc: 0.31 ng/ml



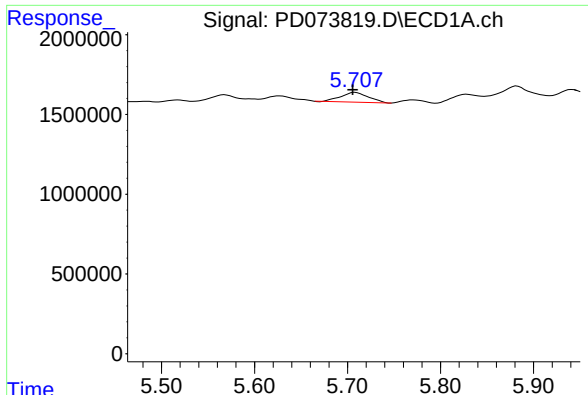
#7 delta-BHC

R.T.: 4.789 min  
Delta R.T.: 0.003 min  
Response: 2445674  
Conc: 0.75 ng/ml



#7 delta-BHC

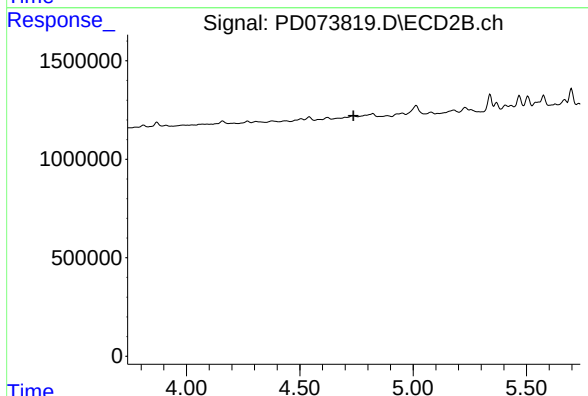
R.T.: 4.159 min  
Delta R.T.: 0.023 min  
Response: 221232  
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

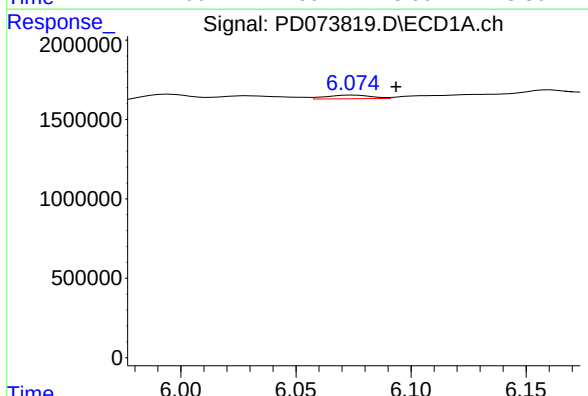
R.T.: 5.708 min  
Delta R.T.: 0.003 min  
Response: 1275691  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



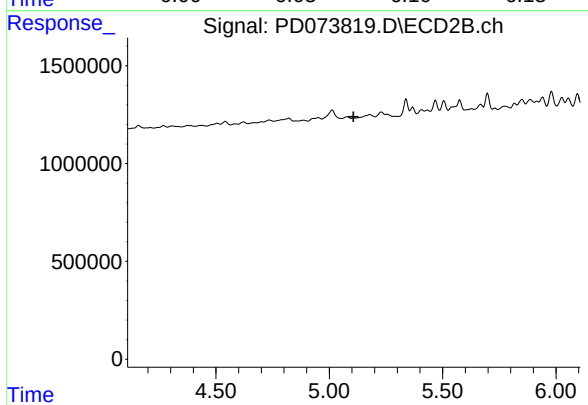
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.737 min  
Response: 0  
Conc: N.D.



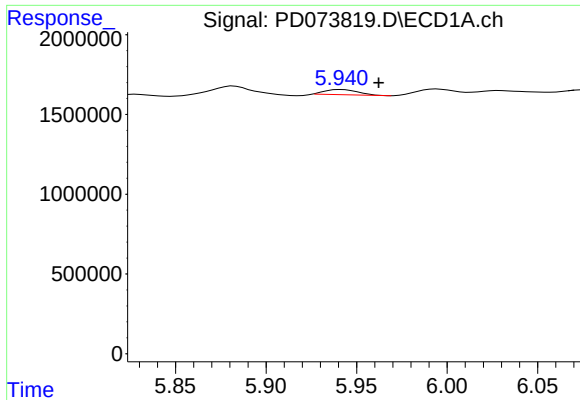
#9 Endosulfan I

R.T.: 6.075 min  
Delta R.T.: -0.019 min  
Response: 314327  
Conc: 0.10 ng/ml



#9 Endosulfan I

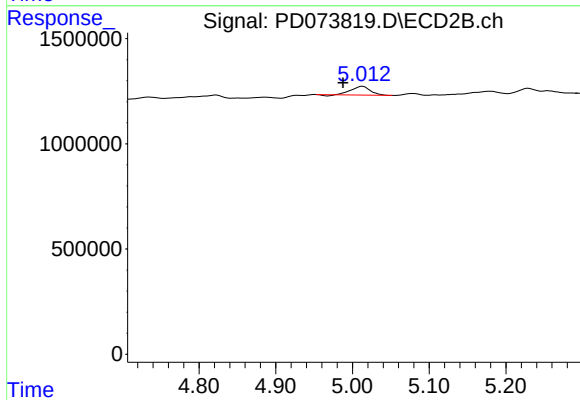
R.T.: 0.000 min  
Exp R.T. : 5.107 min  
Response: 0  
Conc: N.D.



#10 trans-Chlordane

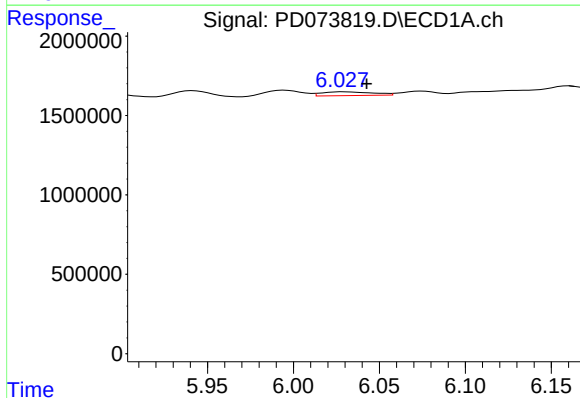
R.T.: 5.942 min  
Delta R.T.: -0.021 min  
Response: 409496  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



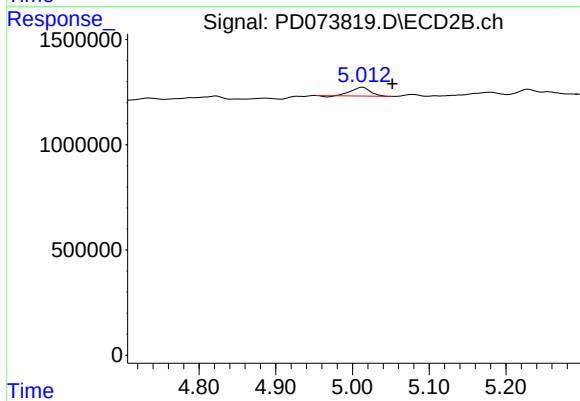
#10 trans-Chlordane

R.T.: 5.013 min  
Delta R.T.: 0.025 min  
Response: 687854  
Conc: 0.44 ng/ml



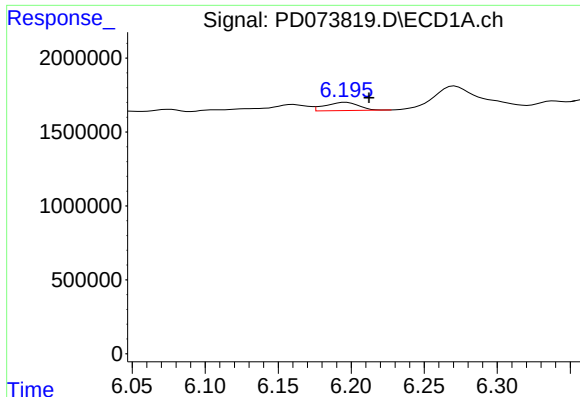
#11 cis-Chlordane

R.T.: 6.030 min  
Delta R.T.: -0.013 min  
Response: 492551  
Conc: 0.15 ng/ml



#11 cis-Chlordane

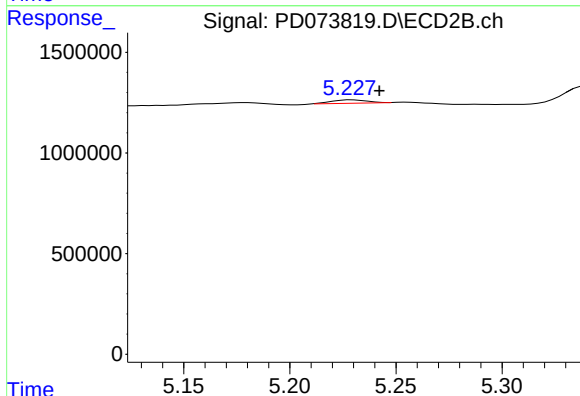
R.T.: 5.013 min  
Delta R.T.: -0.039 min  
Response: 687854  
Conc: 0.43 ng/ml



#12 4,4'-DDE

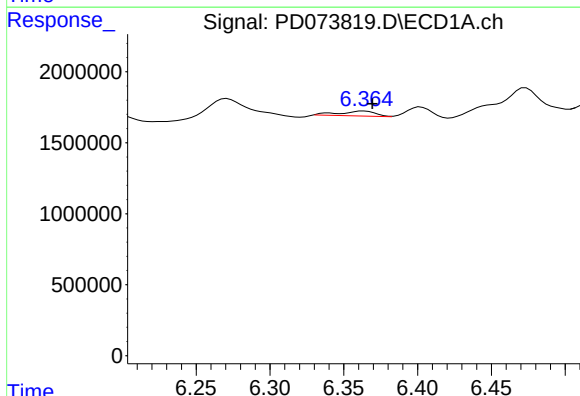
R.T.: 6.196 min  
Delta R.T.: -0.016 min  
Response: 880910  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



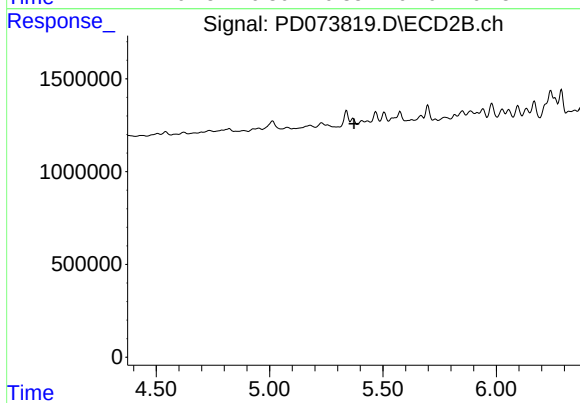
#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: -0.013 min  
Response: 195086  
Conc: 0.13 ng/ml



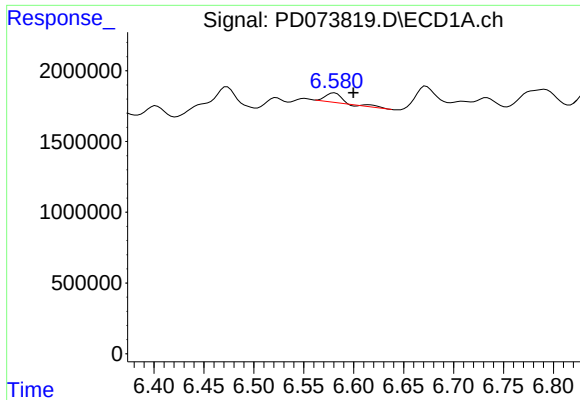
#13 Dieldrin

R.T.: 6.363 min  
Delta R.T.: -0.006 min  
Response: 588769  
Conc: 0.18 ng/ml



#13 Dieldrin

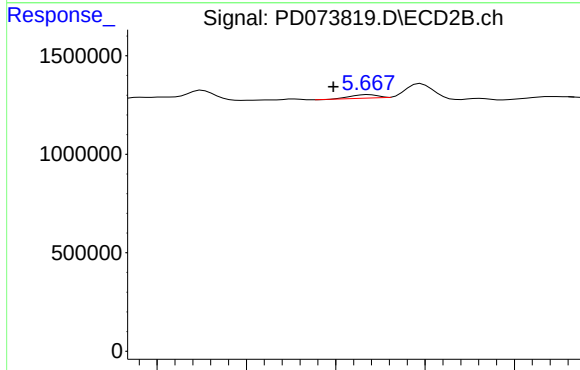
R.T.: 5.368 min  
Delta R.T.: -0.005 min  
Response: -131545  
Conc: N.D.



#14 Endrin

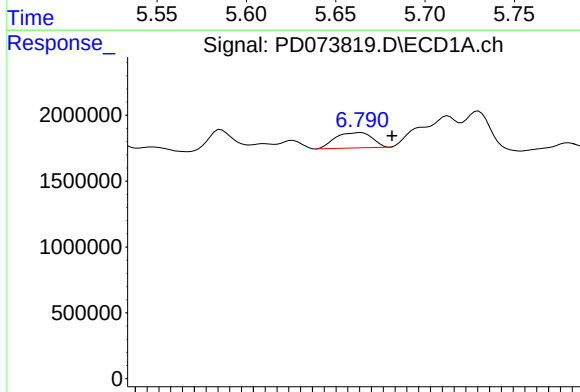
R.T.: 6.580 min  
Delta R.T.: -0.019 min  
Response: 733939  
Conc: 0.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



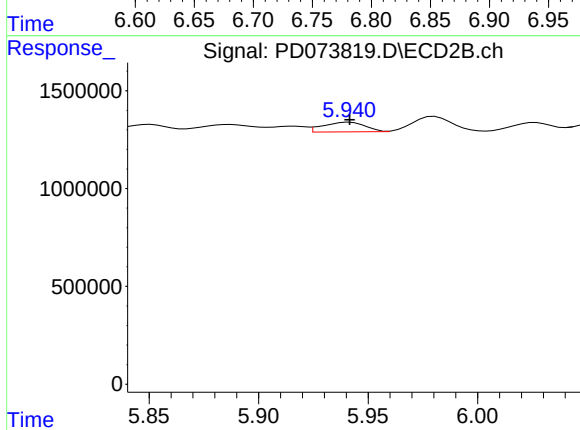
#14 Endrin

R.T.: 5.669 min  
Delta R.T.: 0.020 min  
Response: 181707  
Conc: 0.14 ng/ml



#15 Endosulfan II

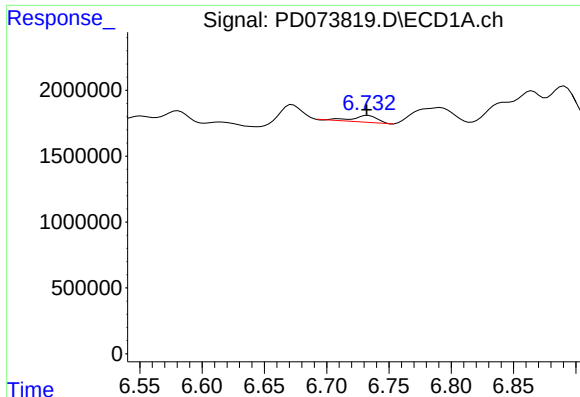
R.T.: 6.789 min  
Delta R.T.: -0.029 min  
Response: 2512704  
Conc: 0.85 ng/ml



#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 665514  
Conc: 0.48 ng/ml

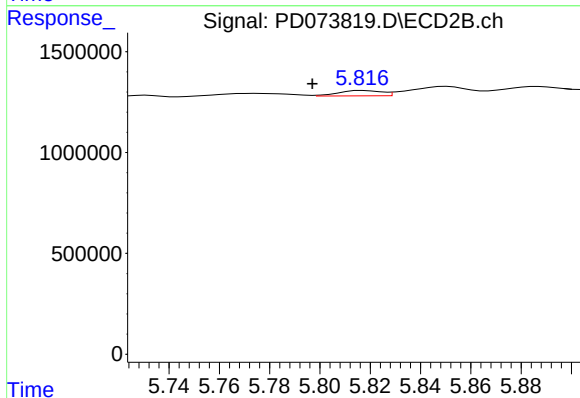




#16 4,4'-DDD

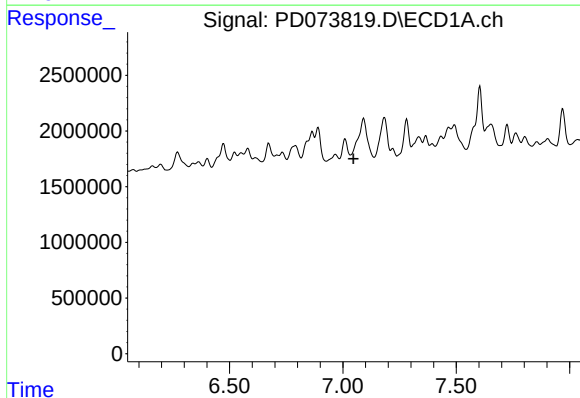
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 707223  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



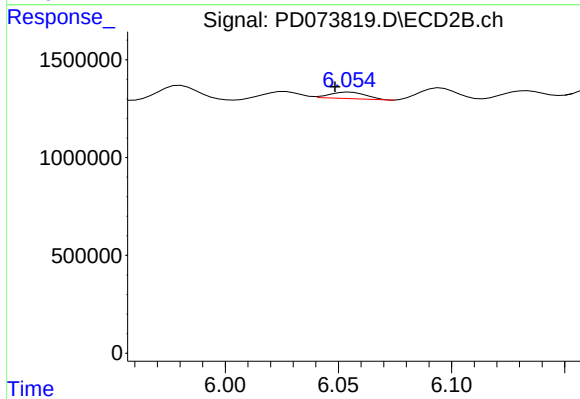
#16 4,4'-DDD

R.T.: 5.817 min  
Delta R.T.: 0.020 min  
Response: 315349  
Conc: 0.26 ng/ml



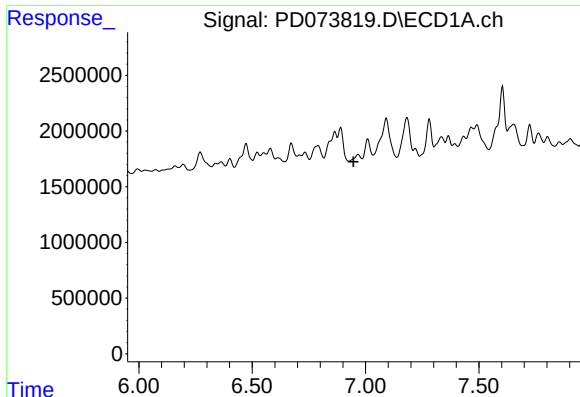
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.047 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

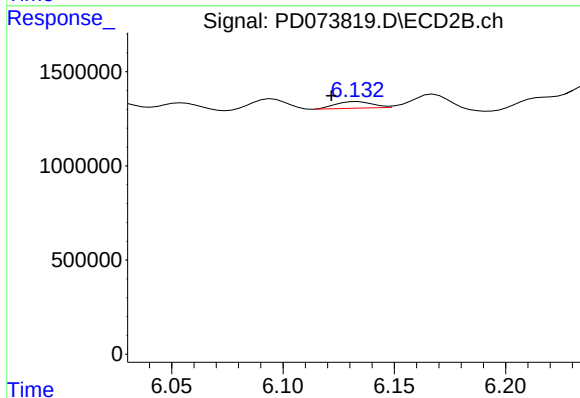
R.T.: 6.055 min  
Delta R.T.: 0.006 min  
Response: 368835  
Conc: 0.31 ng/ml



#18 Endrin aldehyde

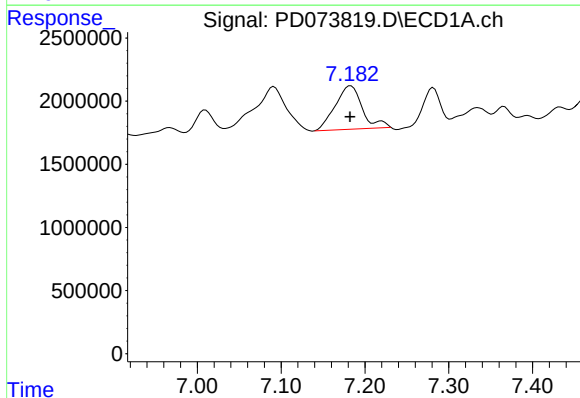
R.T.: 6.967 min  
Delta R.T.: 0.020 min  
Response: -107981  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



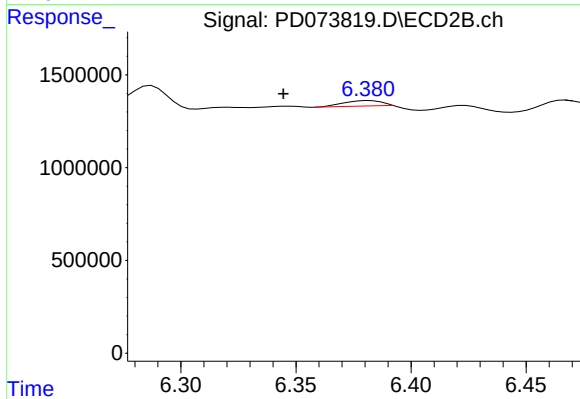
#18 Endrin aldehyde

R.T.: 6.134 min  
Delta R.T.: 0.012 min  
Response: 405184  
Conc: 0.37 ng/ml



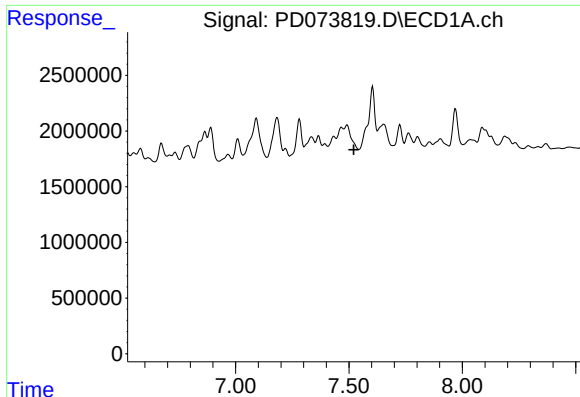
#19 Endosulfan Sulfate

R.T.: 7.183 min  
Delta R.T.: 0.000 min  
Response: 7771873  
Conc: 2.80 ng/ml



#19 Endosulfan Sulfate

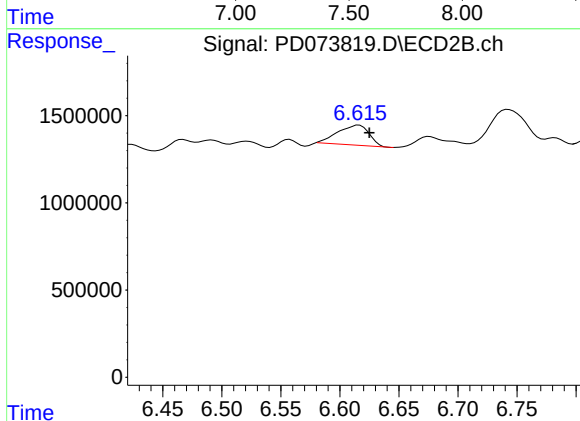
R.T.: 6.382 min  
Delta R.T.: 0.037 min  
Response: 352158  
Conc: 0.28 ng/ml



#20 Methoxychlor

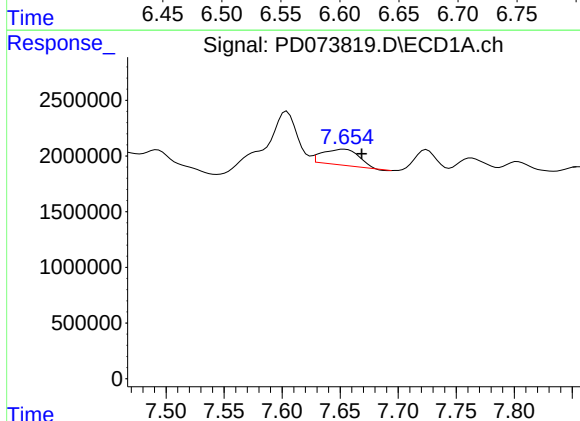
R.T.: 0.000 min  
Exp R.T.: 7.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



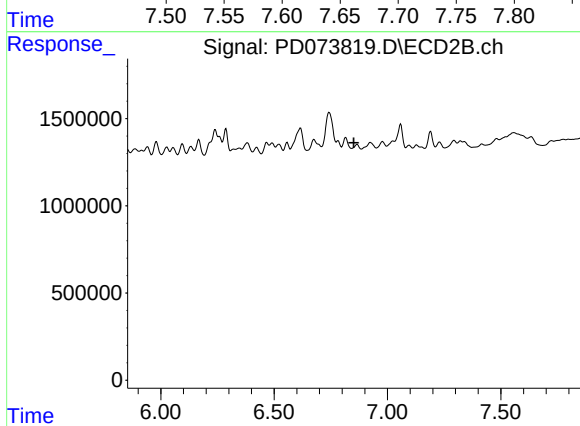
#20 Methoxychlor

R.T.: 6.616 min  
Delta R.T.: -0.009 min  
Response: 2118335  
Conc: 3.84 ng/ml



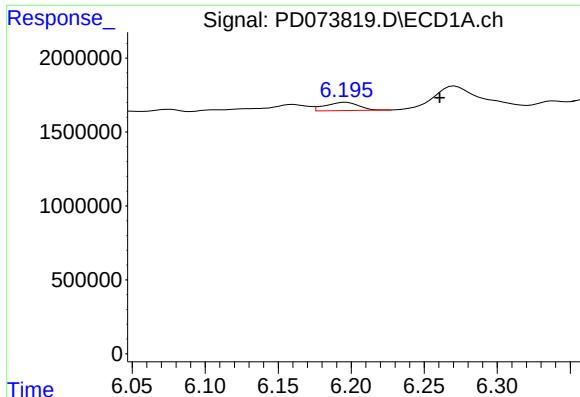
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: -0.016 min  
Response: 3068426  
Conc: 0.96 ng/ml



#21 Endrin ketone

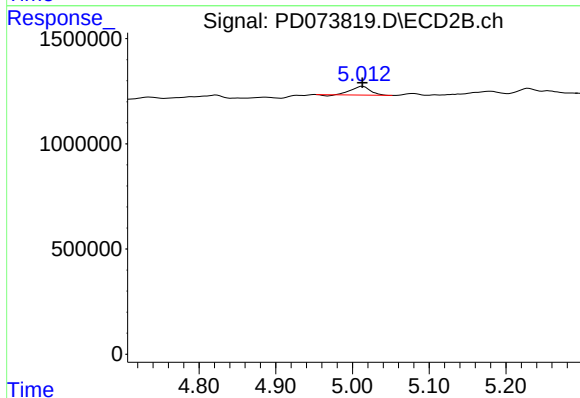
R.T.: 6.867 min  
Delta R.T.: 0.015 min  
Response: -412423  
Conc: N.D.



#22 Toxaphene-1

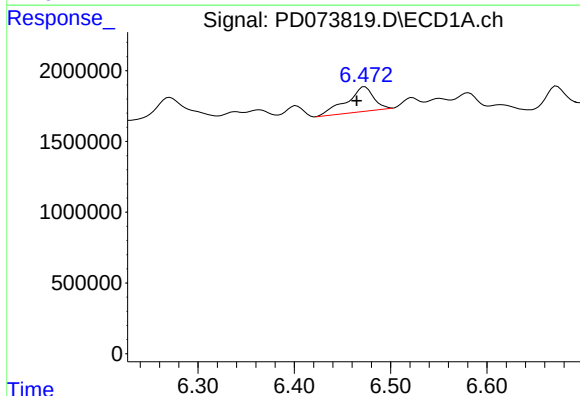
R.T.: 6.196 min  
Delta R.T.: -0.065 min  
Response: 880910  
Conc: 39.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



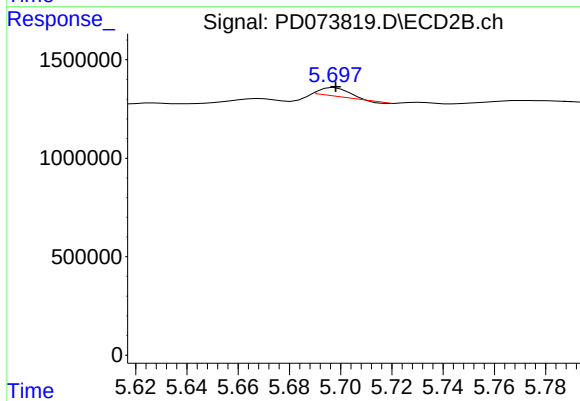
#22 Toxaphene-1

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 687854  
Conc: 78.37 ng/ml



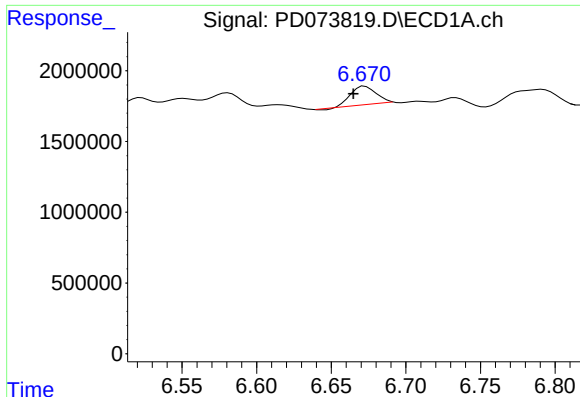
#23 Toxaphene-2

R.T.: 6.473 min  
Delta R.T.: 0.008 min  
Response: 3394758  
Conc: 115.34 ng/ml



#23 Toxaphene-2

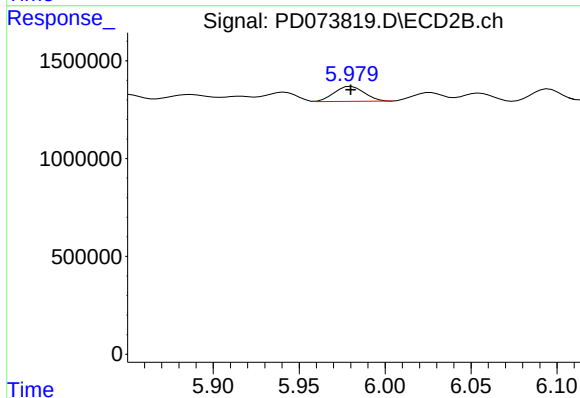
R.T.: 5.698 min  
Delta R.T.: 0.000 min  
Response: 323283  
Conc: 39.03 ng/ml



#24 Toxaphene-3

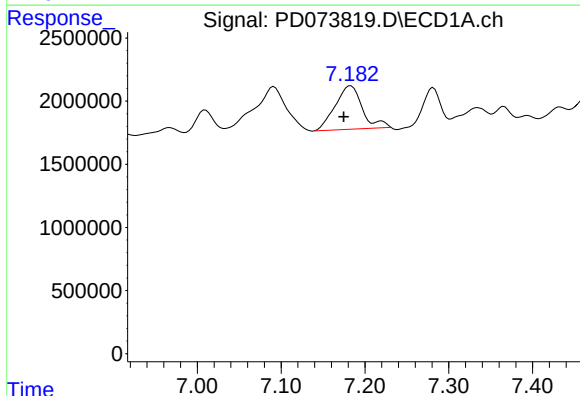
R.T.: 6.673 min  
Delta R.T.: 0.008 min  
Response: 1591854  
Conc: 75.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



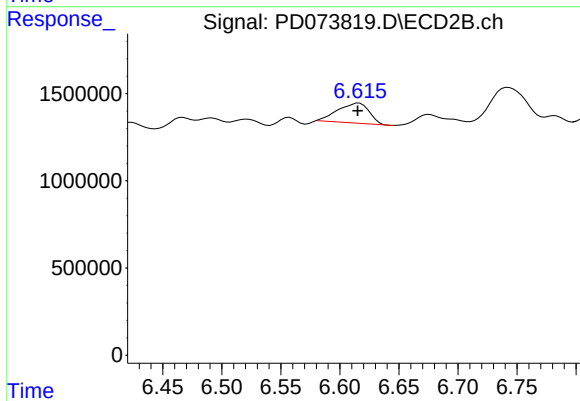
#24 Toxaphene-3

R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 935716  
Conc: 97.08 ng/ml



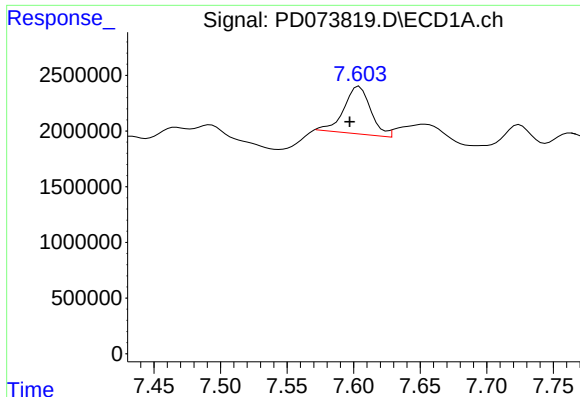
#25 Toxaphene-4

R.T.: 7.183 min  
Delta R.T.: 0.008 min  
Response: 7771873  
Conc: 123.57 ng/ml



#25 Toxaphene-4

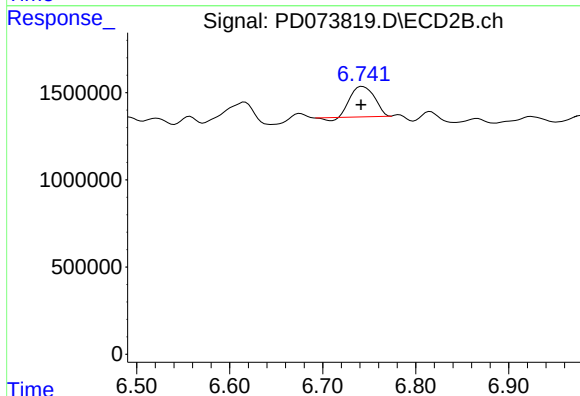
R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 2118335  
Conc: 71.32 ng/ml



#26 Toxaphene-5

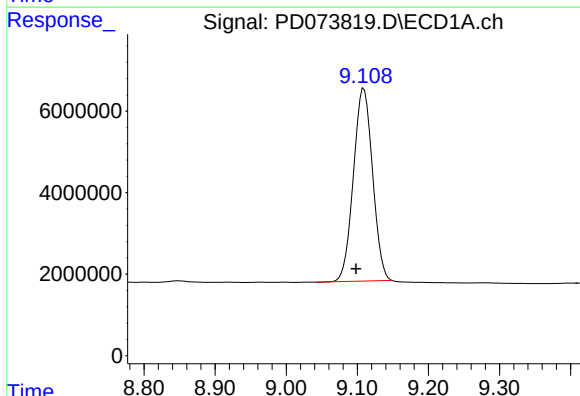
R.T.: 7.604 min  
Delta R.T.: 0.007 min  
Response: 5981947  
Conc: 127.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



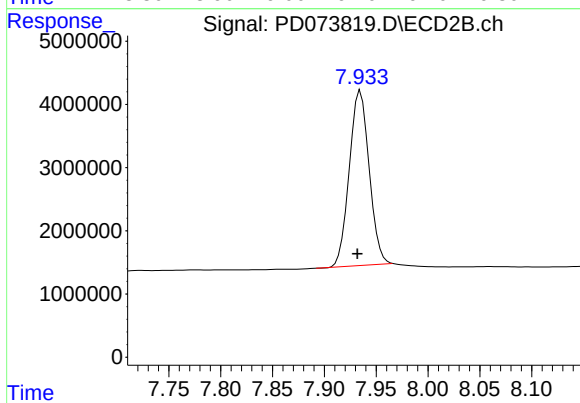
#26 Toxaphene-5

R.T.: 6.743 min  
Delta R.T.: 0.002 min  
Response: 3076287  
Conc: 81.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.109 min  
Delta R.T.: 0.011 min  
Response: 88617399  
Conc: 32.12 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.935 min  
Delta R.T.: 0.003 min  
Response: 36962671  
Conc: 30.71 ng/ml