

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101020\  
 Data File : PD059660.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2020 16:11  
 Operator : DD\AJ  
 Sample : L4184-17  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AQ1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 01:18:32 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 02 04:21:20 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... | 3.510  | 4.025  | 22046465 | 29892100 | 15.262  | 15.050   |
| 27)                         | SA Decachlor... | 8.314  | 9.112  | 30046623 | 36310019 | 28.042  | 24.405   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.973  | 0.000  | 741490   | 0        | 0.349   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.242  | 4.681  | 1473477  | 2741527  | 0.754   | 1.033 #  |
| 5)                          | MB Aldrin       | 4.800  | 0.000  | 472196   | 0        | 0.254   | N.D. #   |
| 6)                          | B beta-BHC      | 4.460f | 0.000  | 467133   | 0        | 0.573   | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.059f | 0        | 2491971  | N.D.    | 0.921    |
| 8)                          | B Heptachlo...  | 5.302f | 5.893  | 4989447  | 1047079  | 3.083   | 0.466 #  |
| 9)                          | A Endosulfan I  | 5.607  | 6.299  | 1331447  | 3345672  | 0.885   | 1.640 #  |
| 10)                         | B trans-Chl...  | 5.475  | 6.130  | 1744045  | 6409891  | 1.074   | 2.872 #  |
| 11)                         | B cis-Chlor...  | 5.534  | 6.216  | 1805583  | 4964058  | 1.115   | 2.270 #  |
| 12)                         | B 4,4'-DDE      | 5.699  | 6.367  | 509116   | 4057583  | 0.330   | 1.940 #  |
| 13)                         | MA Dieldrin     | 5.832  | 6.523  | 7594179  | 3219651  | 4.630   | 1.444 #  |
| 14)                         | MA Endrin       | 6.086  | 6.768  | 1785839  | 905767   | 1.512   | 0.585 #  |
| 15)                         | B Endosulfa...  | 6.371  | 6.955  | 869712   | 1968990  | 0.670   | 1.091 #  |
| 16)                         | A 4,4'-DDD      | 6.218  | 6.859  | 1179666  | 3945491  | 0.902   | 2.279 #  |
| 17)                         | MA 4,4'-DDT     | 6.460  | 0.000  | 1269876  | 0        | 0.946   | N.D. #   |
| 18)                         | B Endrin al...  | 6.500f | 0.000  | 674638   | 0        | 0.644   | N.D. #   |
| 19)                         | B Endosulfa...  | 6.767  | 0.000  | 892753   | 0        | 0.714   | N.D. #   |
| 20)                         | A Methoxychlor  | 7.050  | 7.675f | 265863   | 3461475  | 0.433   | 4.172 #  |
| 21)                         | B Endrin ke...  | 7.306f | 7.824f | 1044405  | 2396208  | 0.783   | 1.333 #  |
| 22)                         | Toxaphene-1     | 5.798  | 6.452  | 6818595  | 8622660  | 688.958 | 849.361  |
| 23)                         | Toxaphene-2     | 5.958  | 6.672  | 4153331  | 642780   | 432.284 | 50.944 # |
| 24)                         | Toxaphene-3     | 6.288  | 0.000  | 909530   | 0        | 84.306  | N.D. #   |
| 25)                         | Toxaphene-4     | 6.371  | 0.000  | 869712   | 0        | 36.042  | N.D. #   |
| 26)                         | Toxaphene-5     | 7.185  | 7.675  | 3705772  | 3461475  | 163.387 | 160.480  |
| -----                       |                 |        |        |          |          |         |          |

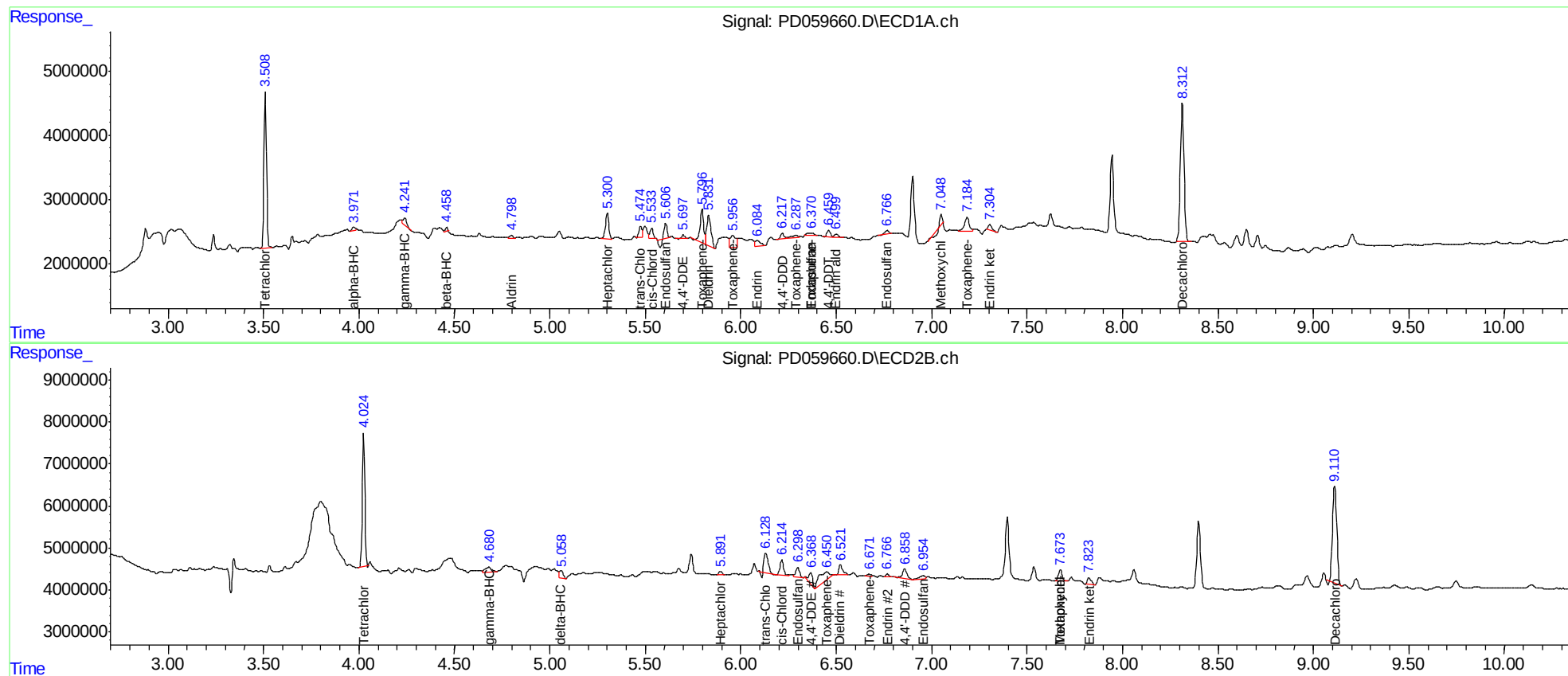
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

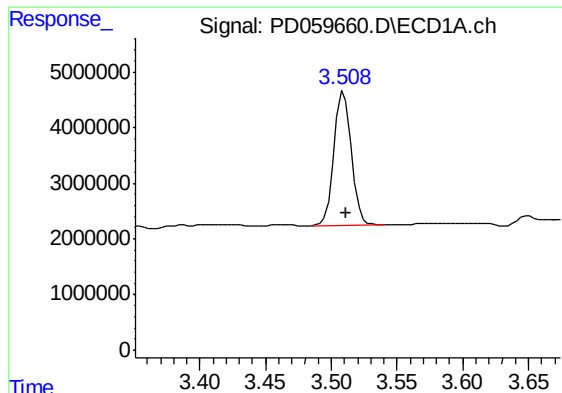
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101020\  
Data File : PD059660.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Oct 2020 16:11  
Operator : DD\AJ  
Sample : L4184-17  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 01:18:32 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100220CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 02 04:21:20 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

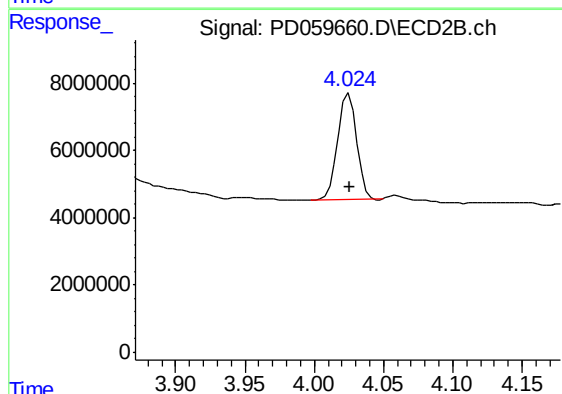




#1 Tetrachloro-m-xylene

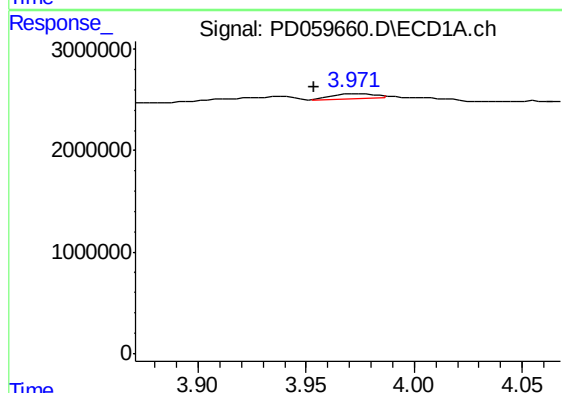
R.T.: 3.510 min  
Delta R.T.: -0.001 min  
Response: 22046465  
Conc: 15.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



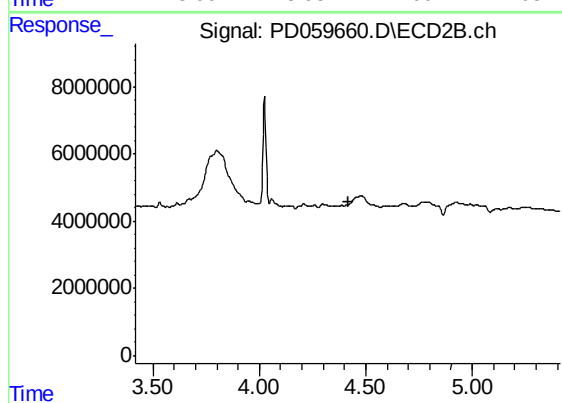
#1 Tetrachloro-m-xylene

R.T.: 4.025 min  
Delta R.T.: 0.000 min  
Response: 29892100  
Conc: 15.05 ng/ml



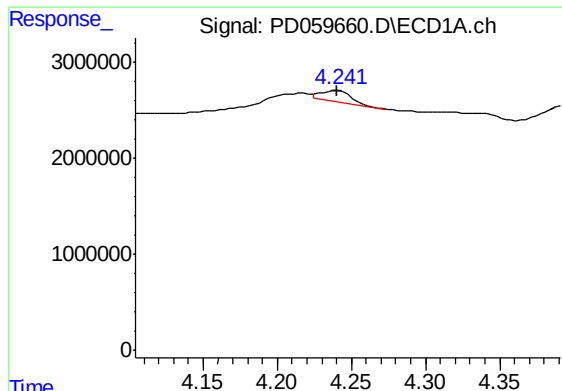
#2 alpha-BHC

R.T.: 3.973 min  
Delta R.T.: 0.019 min  
Response: 741490  
Conc: 0.35 ng/ml



#2 alpha-BHC

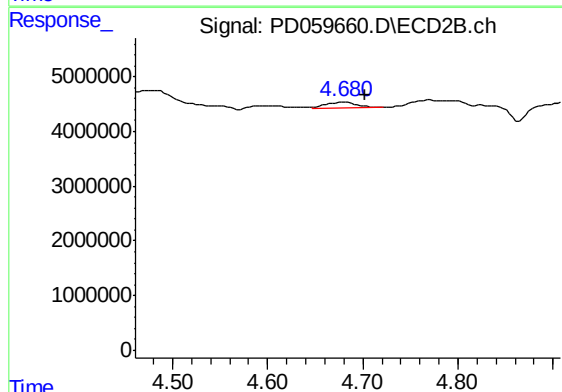
R.T.: 0.000 min  
Exp R.T. : 4.416 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

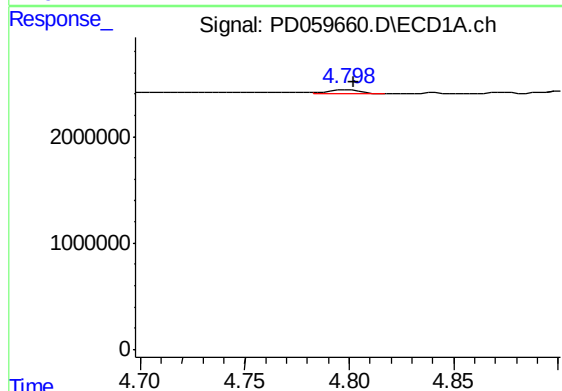
R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 1473477  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



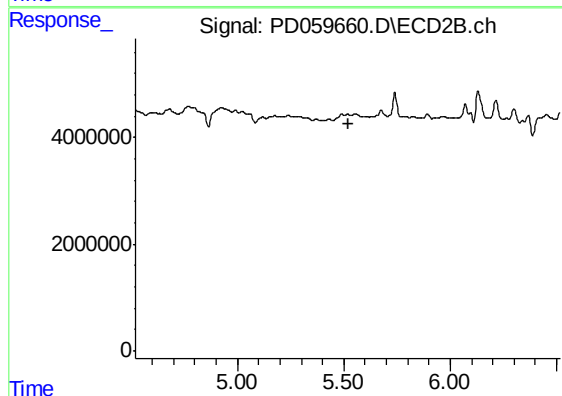
#3 gamma-BHC (Lindane)

R.T.: 4.681 min  
Delta R.T.: -0.021 min  
Response: 2741527  
Conc: 1.03 ng/ml



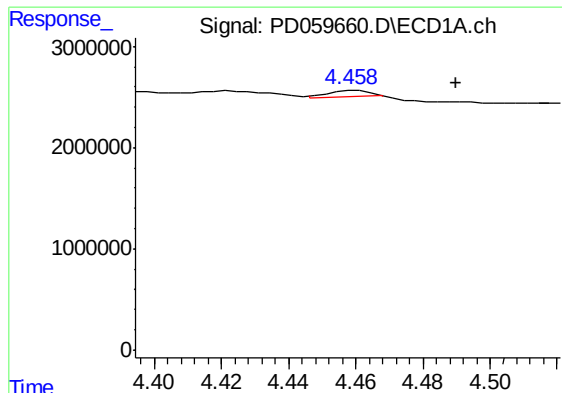
#5 Aldrin

R.T.: 4.800 min  
Delta R.T.: -0.002 min  
Response: 472196  
Conc: 0.25 ng/ml



#5 Aldrin

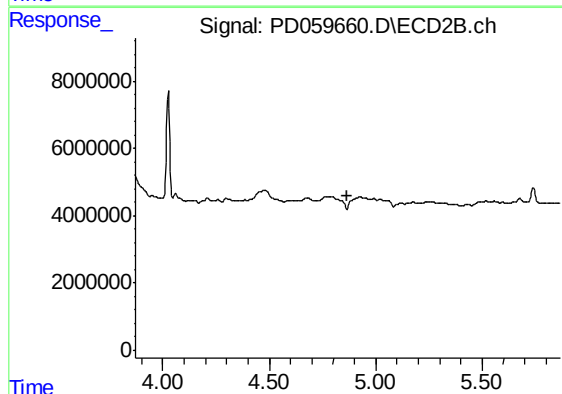
R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

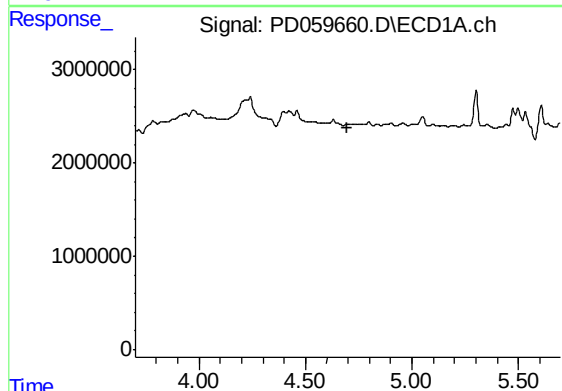
R.T.: 4.460 min  
Delta R.T.: -0.030 min  
Response: 467133  
Conc: 0.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



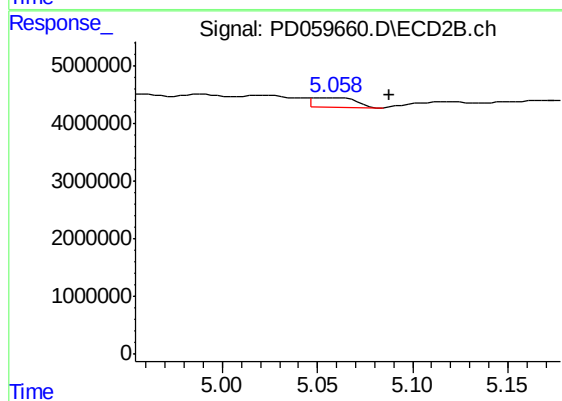
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.869 min  
Response: 0  
Conc: N.D.



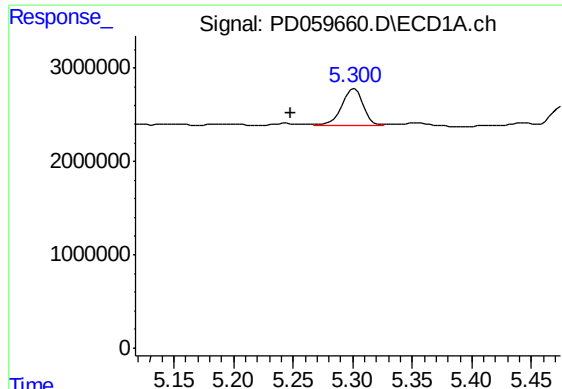
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.699 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

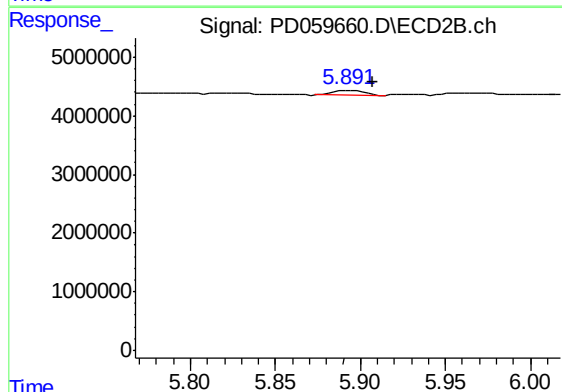
R.T.: 5.059 min  
Delta R.T.: -0.028 min  
Response: 2491971  
Conc: 0.92 ng/ml



#8 Heptachlor epoxide

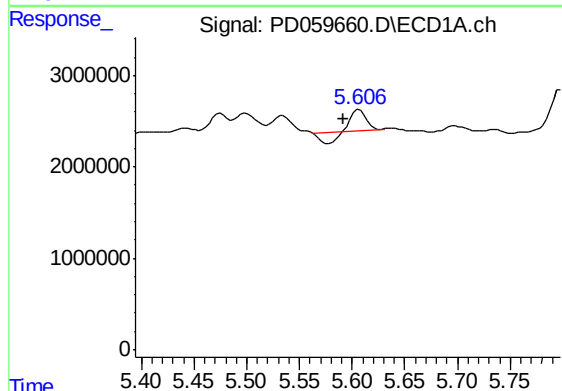
R.T.: 5.302 min  
Delta R.T.: 0.053 min  
Response: 4989447  
Conc: 3.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



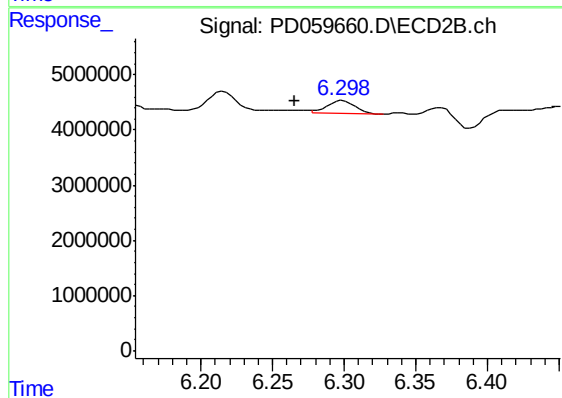
#8 Heptachlor epoxide

R.T.: 5.893 min  
Delta R.T.: -0.014 min  
Response: 1047079  
Conc: 0.47 ng/ml



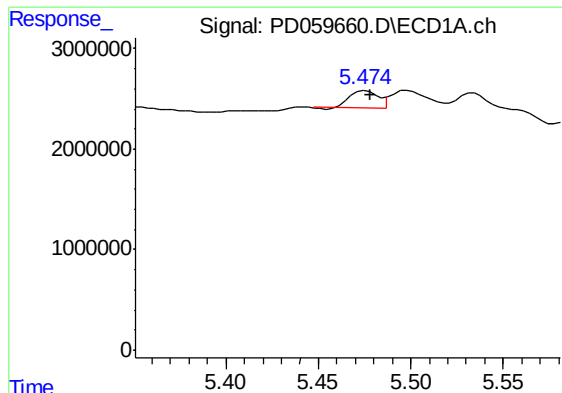
#9 Endosulfan I

R.T.: 5.607 min  
Delta R.T.: 0.015 min  
Response: 1331447  
Conc: 0.89 ng/ml



#9 Endosulfan I

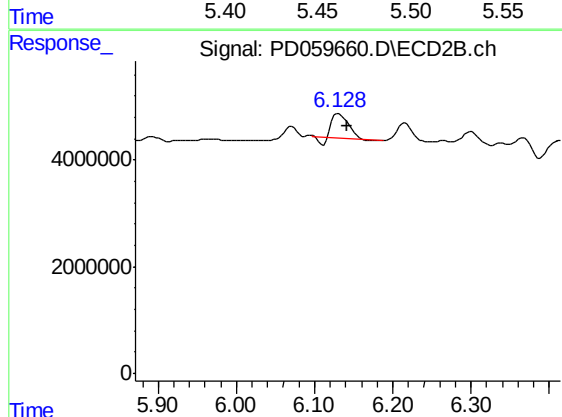
R.T.: 6.299 min  
Delta R.T.: 0.034 min  
Response: 3345672  
Conc: 1.64 ng/ml



#10 trans-Chlordane

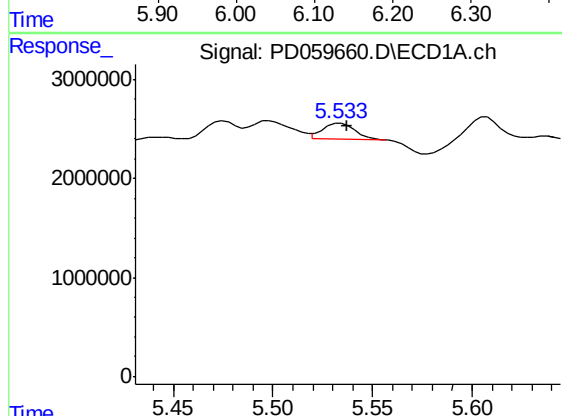
R.T.: 5.475 min  
Delta R.T.: -0.003 min  
Response: 1744045  
Conc: 1.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



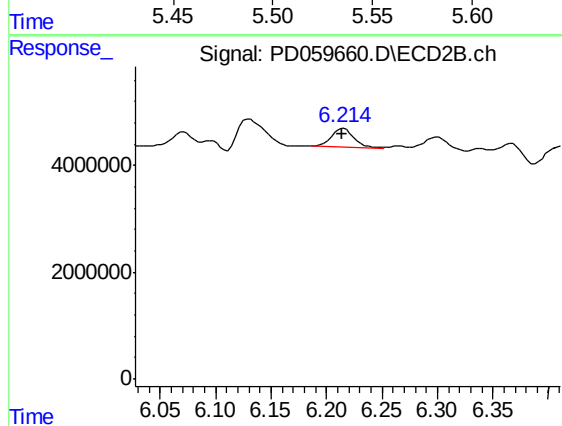
#10 trans-Chlordane

R.T.: 6.130 min  
Delta R.T.: -0.011 min  
Response: 6409891  
Conc: 2.87 ng/ml



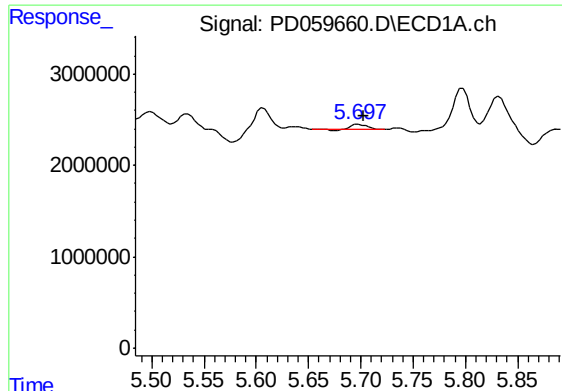
#11 cis-Chlordane

R.T.: 5.534 min  
Delta R.T.: -0.003 min  
Response: 1805583  
Conc: 1.12 ng/ml



#11 cis-Chlordane

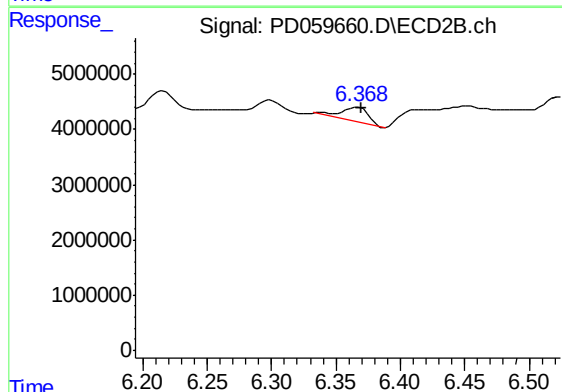
R.T.: 6.216 min  
Delta R.T.: 0.001 min  
Response: 4964058  
Conc: 2.27 ng/ml



#12 4,4'-DDE

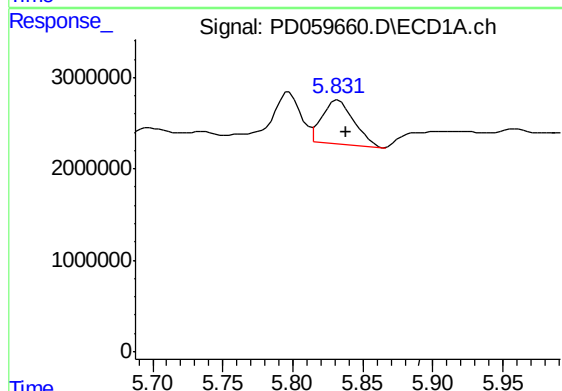
R.T.: 5.699 min  
Delta R.T.: -0.004 min  
Response: 509116  
Conc: 0.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



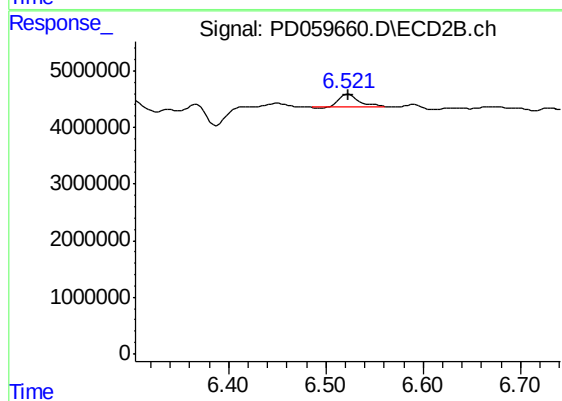
#12 4,4'-DDE

R.T.: 6.367 min  
Delta R.T.: -0.002 min  
Response: 4057583  
Conc: 1.94 ng/ml



#13 Dieldrin

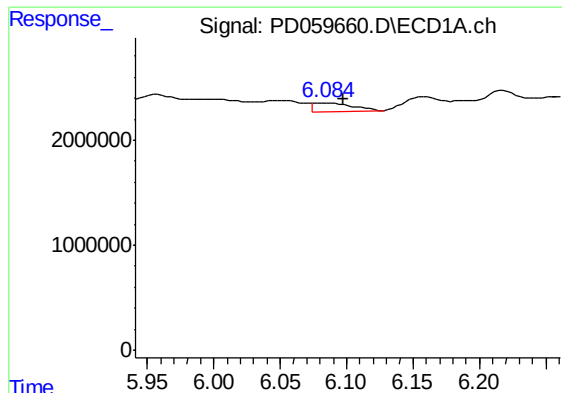
R.T.: 5.832 min  
Delta R.T.: -0.006 min  
Response: 7594179  
Conc: 4.63 ng/ml



#13 Dieldrin

R.T.: 6.523 min  
Delta R.T.: 0.000 min  
Response: 3219651  
Conc: 1.44 ng/ml

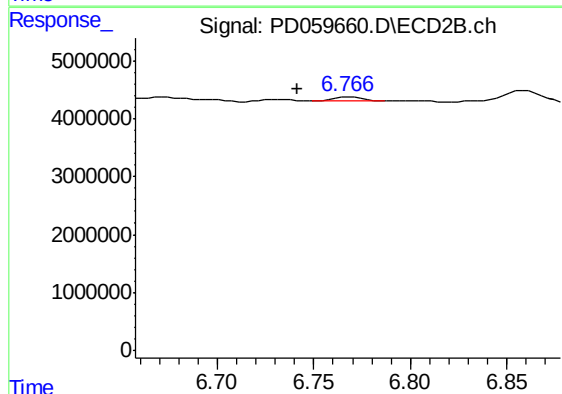




#14 Endrin

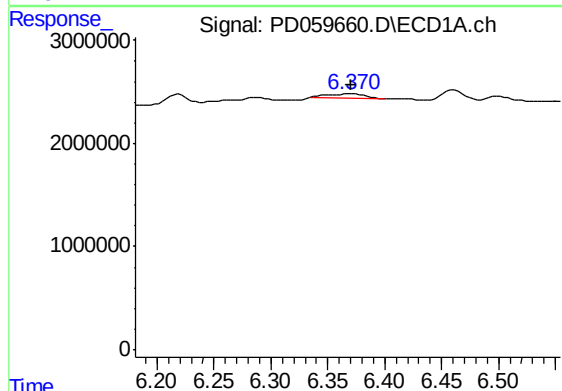
R.T.: 6.086 min  
Delta R.T.: -0.012 min  
Response: 1785839  
Conc: 1.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



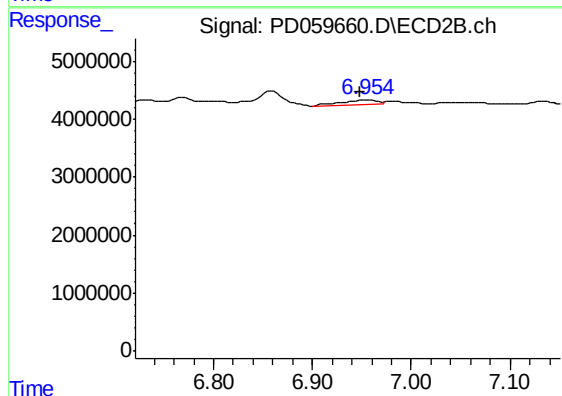
#14 Endrin

R.T.: 6.768 min  
Delta R.T.: 0.026 min  
Response: 905767  
Conc: 0.58 ng/ml



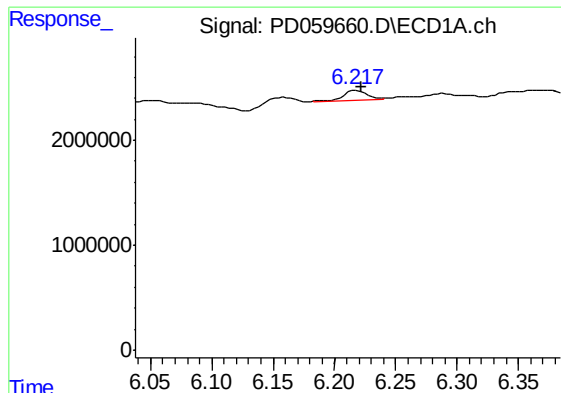
#15 Endosulfan II

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 869712  
Conc: 0.67 ng/ml



#15 Endosulfan II

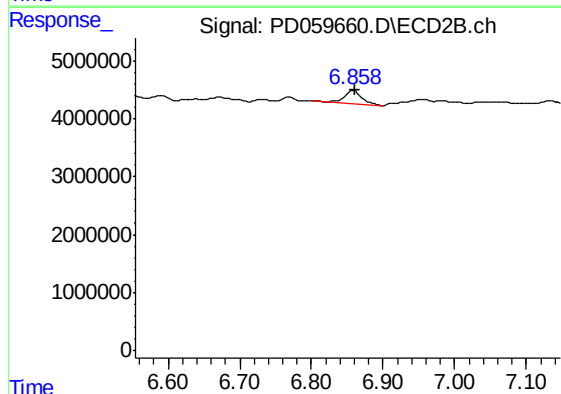
R.T.: 6.955 min  
Delta R.T.: 0.007 min  
Response: 1968990  
Conc: 1.09 ng/ml



#16 4,4'-DDD

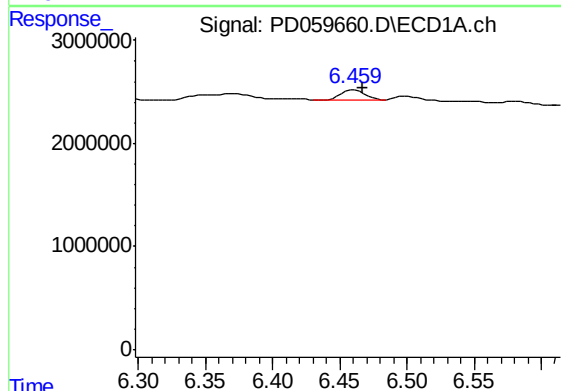
R.T.: 6.218 min  
Delta R.T.: -0.004 min  
Response: 1179666  
Conc: 0.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



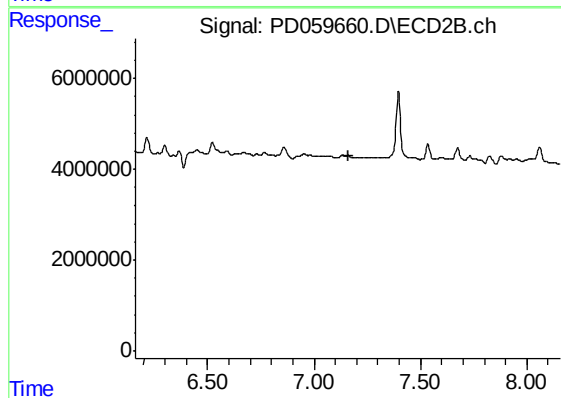
#16 4,4'-DDD

R.T.: 6.859 min  
Delta R.T.: 0.000 min  
Response: 3945491  
Conc: 2.28 ng/ml



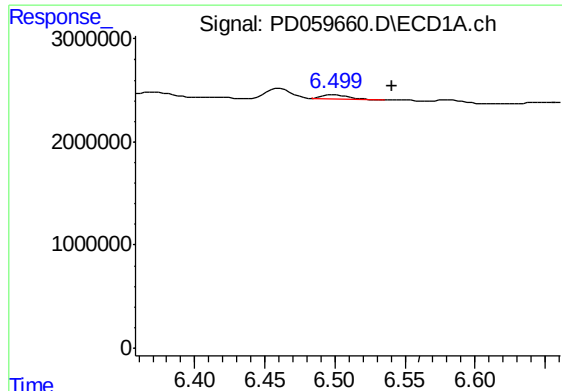
#17 4,4'-DDT

R.T.: 6.460 min  
Delta R.T.: -0.006 min  
Response: 1269876  
Conc: 0.95 ng/ml



#17 4,4'-DDT

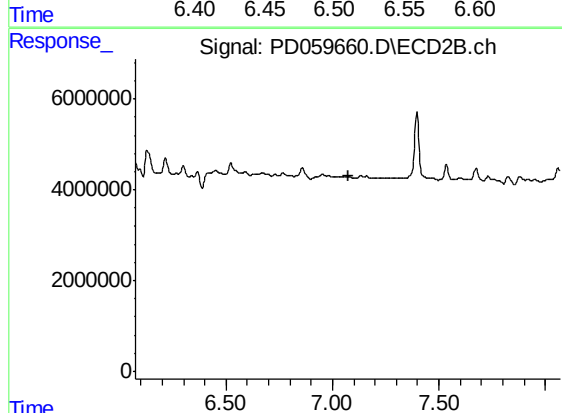
R.T.: 0.000 min  
Exp R.T. : 7.160 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

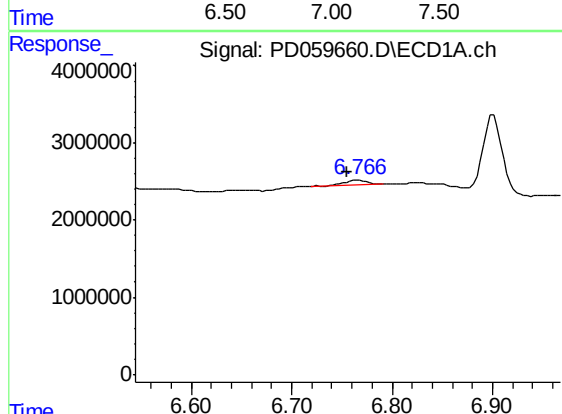
R.T.: 6.500 min  
Delta R.T.: -0.040 min  
Response: 674638  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



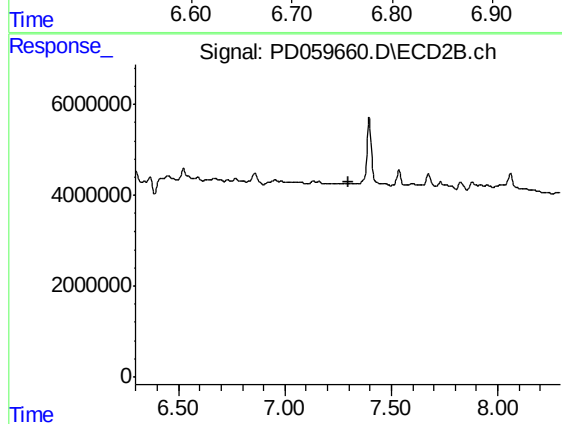
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.073 min  
Response: 0  
Conc: N.D.



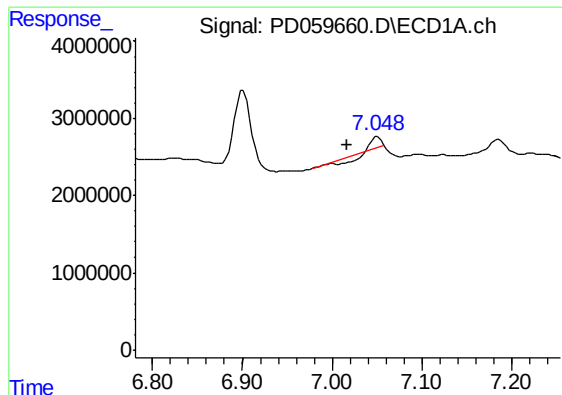
#19 Endosulfan Sulfate

R.T.: 6.767 min  
Delta R.T.: 0.012 min  
Response: 892753  
Conc: 0.71 ng/ml



#19 Endosulfan Sulfate

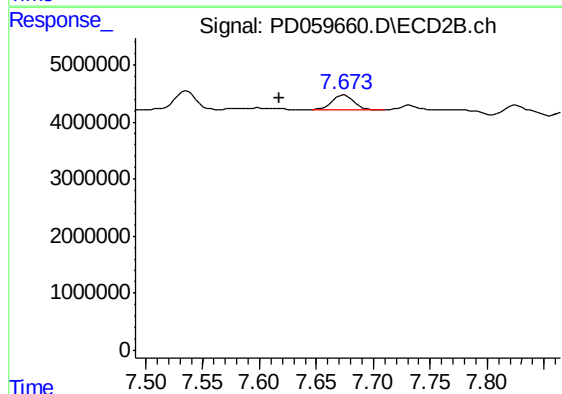
R.T.: 0.000 min  
Exp R.T. : 7.296 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

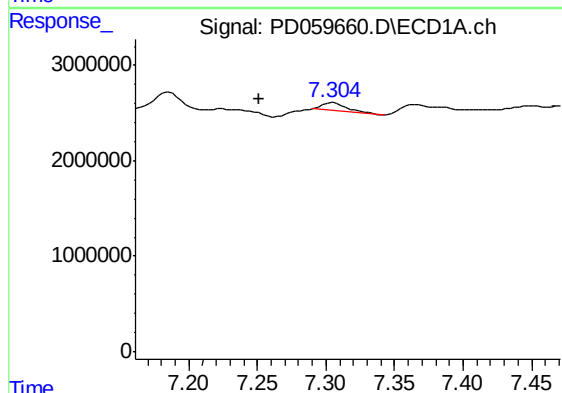
R.T.: 7.050 min  
Delta R.T.: 0.034 min  
Response: 265863  
Conc: 0.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



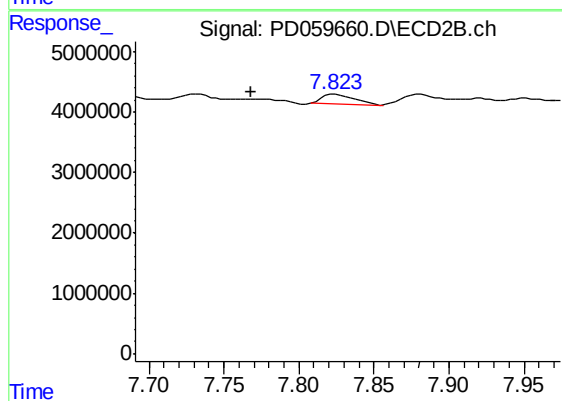
#20 Methoxychlor

R.T.: 7.675 min  
Delta R.T.: 0.058 min  
Response: 3461475  
Conc: 4.17 ng/ml



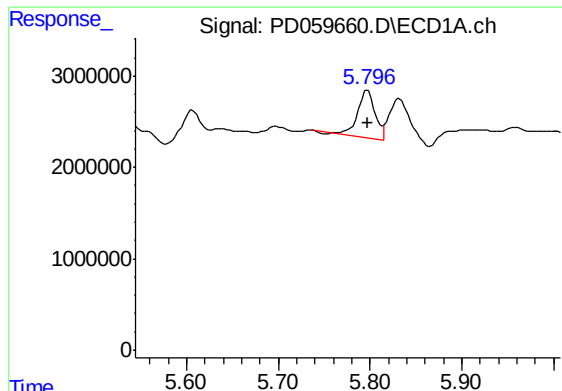
#21 Endrin ketone

R.T.: 7.306 min  
Delta R.T.: 0.055 min  
Response: 1044405  
Conc: 0.78 ng/ml



#21 Endrin ketone

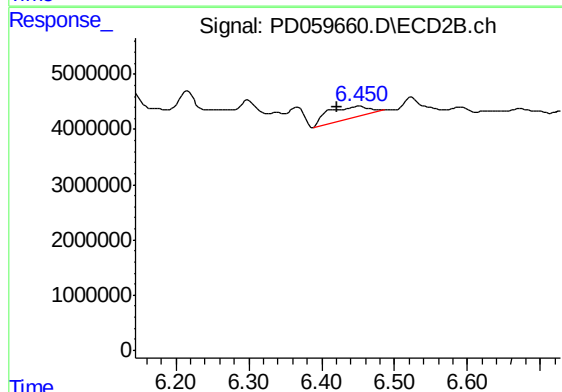
R.T.: 7.824 min  
Delta R.T.: 0.056 min  
Response: 2396208  
Conc: 1.33 ng/ml



#22 Toxaphene-1

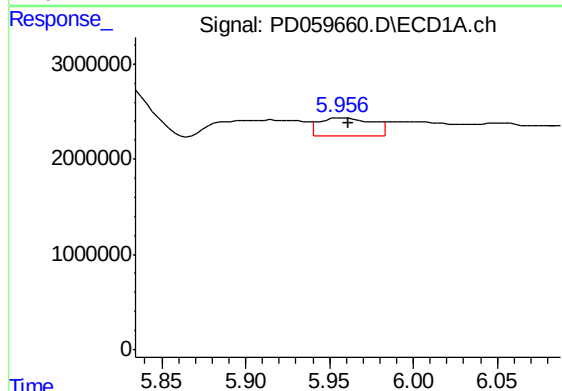
R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 6818595  
Conc: 688.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



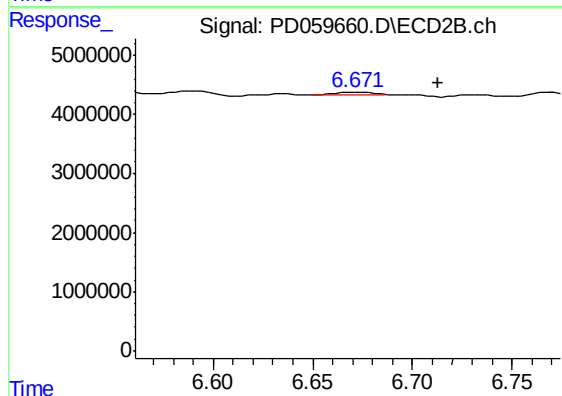
#22 Toxaphene-1

R.T.: 6.452 min  
Delta R.T.: 0.030 min  
Response: 8622660  
Conc: 849.36 ng/ml



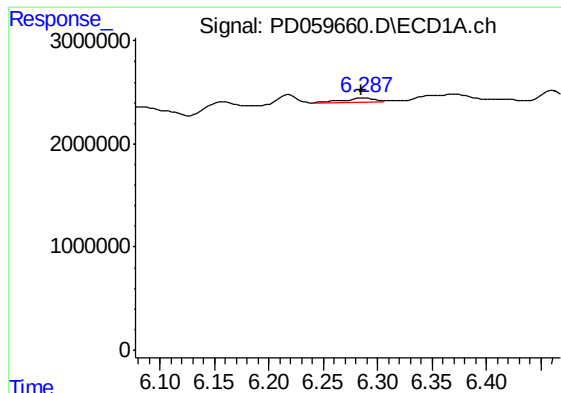
#23 Toxaphene-2

R.T.: 5.958 min  
Delta R.T.: -0.004 min  
Response: 4153331  
Conc: 432.28 ng/ml



#23 Toxaphene-2

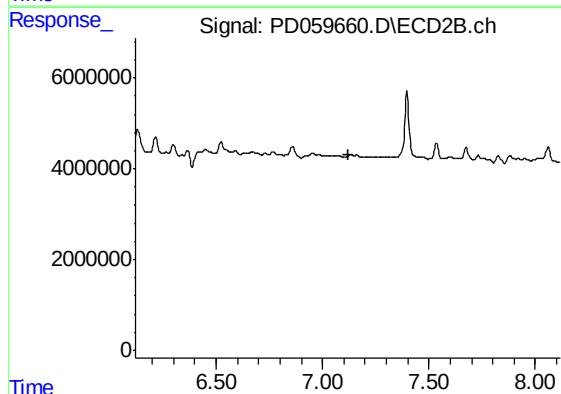
R.T.: 6.672 min  
Delta R.T.: -0.041 min  
Response: 642780  
Conc: 50.94 ng/ml



#24 Toxaphene-3

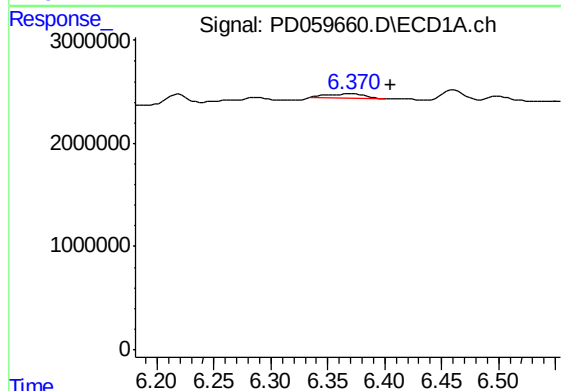
R.T.: 6.288 min  
Delta R.T.: 0.004 min  
Response: 909530  
Conc: 84.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



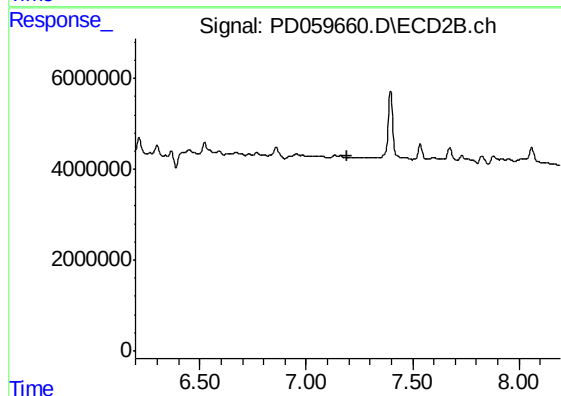
#24 Toxaphene-3

R.T.: 0.000 min  
Exp R.T. : 7.119 min  
Response: 0  
Conc: N.D.



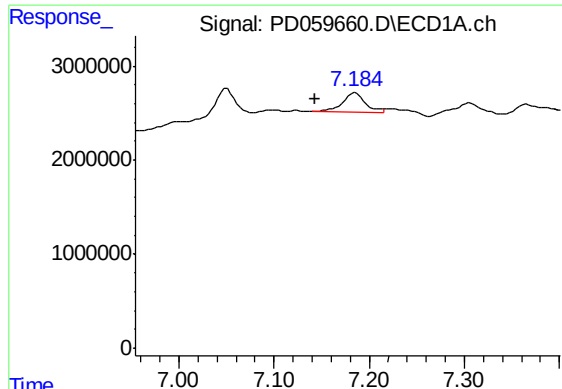
#25 Toxaphene-4

R.T.: 6.371 min  
Delta R.T.: -0.034 min  
Response: 869712  
Conc: 36.04 ng/ml



#25 Toxaphene-4

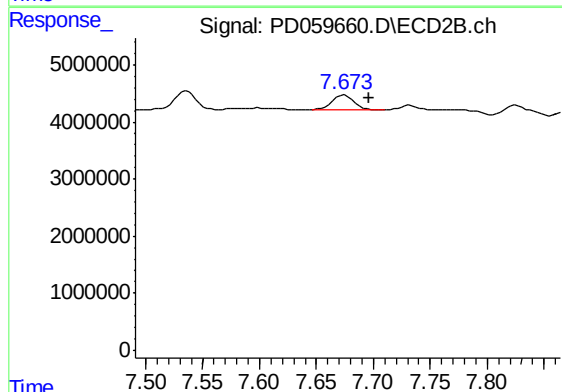
R.T.: 0.000 min  
Exp R.T. : 7.195 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

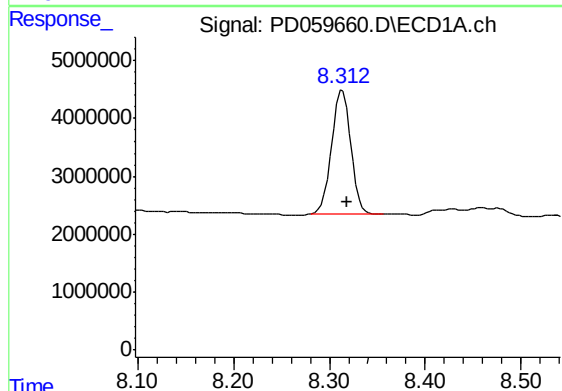
R.T.: 7.185 min  
Delta R.T.: 0.042 min  
Response: 3705772  
Conc: 163.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AQ1



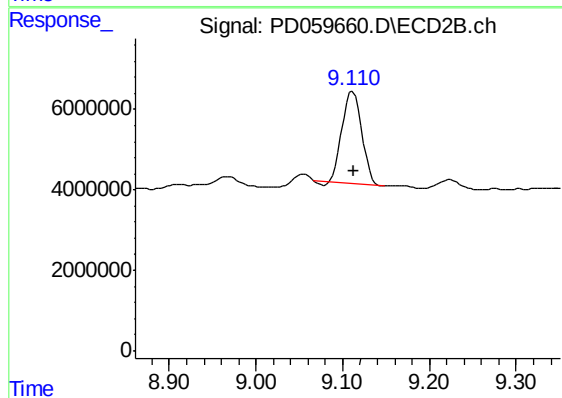
#26 Toxaphene-5

R.T.: 7.675 min  
Delta R.T.: -0.022 min  
Response: 3461475  
Conc: 160.48 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.314 min  
Delta R.T.: -0.005 min  
Response: 30046623  
Conc: 28.04 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: -0.001 min  
Response: 36310019  
Conc: 24.41 ng/ml