

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111819\  
 Data File : PD056073.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Nov 2019 17:20  
 Operator : SG\AJ  
 Sample : K5820-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0AY8

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 19 01:30:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 02 07:20:38 2019  
 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... | 3.289  | 3.962  | 10351519 | 10542346 | 13.751   | 10.060 #  |
| 27)                         | SA Decachlor... | 7.966  | 9.001  | 21893800 | 15347557 | 26.860   | 13.515 #  |
| Target Compounds            |                 |        |        |          |          |          |           |
| 3)                          | MA gamma-BHC... | 3.998  | 4.613  | 13451849 | 2321207  | 13.151   | 1.648 #   |
| 4)                          | MA Heptachlor   | 4.264  | 5.108f | 16943008 | 1935113  | 17.895   | 1.331 #   |
| 5)                          | MB Aldrin       | 4.478f | 5.440  | 6464209  | 2428888  | 6.977    | 1.770 #   |
| 6)                          | B beta-BHC      | 4.264  | 4.815  | 16943008 | 631101   | 37.459   | 0.902 #   |
| 7)                          | B delta-BHC     | 4.431  | 0.000  | 8065841  | 0        | 7.903    | N.D. #    |
| 8)                          | B Heptachlo...  | 5.021f | 5.783f | 4312435  | 2521354  | 4.830    | 1.868 #   |
| 9)                          | A Endosulfan I  | 5.299  | 6.151  | 10896604 | 4657861  | 13.003   | 3.577 #   |
| 10)                         | B trans-Chl...  | 5.238f | 6.044  | 5991110  | 50711786 | 6.607    | 35.551 #  |
| 11)                         | B cis-Chlor...  | 5.238  | 6.151  | 5991110  | 4657861  | 6.766    | 3.319 #   |
| 12)                         | B 4,4'-DDE      | 5.417  | 6.262  | 3066174  | 1795288  | 3.527    | 1.332 #   |
| 13)                         | MA Dieldrin     | 5.509  | 6.464  | 35053216 | 17772987 | 37.267   | 12.573 #  |
| 14)                         | MA Endrin       | 0.000  | 6.654  | 0        | 120794   | N.D.     | 0.105     |
| 15)                         | B Endosulfa...  | 5.991f | 6.853  | 1910023  | 9633399  | 2.267    | 7.439 #   |
| 16)                         | A 4,4'-DDD      | 5.917  | 6.772  | 5937971  | 27923835 | 8.408    | 25.007 #  |
| 17)                         | MA 4,4'-DDT     | 6.193f | 7.092  | 9127627  | 7907193  | 14.085   | 7.272 #   |
| 18)                         | B Endrin al...  | 6.193  | 6.987  | 9127627  | 10156546 | 12.777   | 9.354 #   |
| 19)                         | B Endosulfa...  | 0.000  | 7.183  | 0        | 9650495  | N.D.     | 8.005     |
| 20)                         | A Methoxychlor  | 6.684  | 7.519  | 2897031  | 1393720  | 7.745    | 2.236 #   |
| 21)                         | B Endrin ke...  | 6.866f | 7.643  | 2881827  | 3809012  | 3.254    | 2.888     |
| 22)                         | Toxaphene-1     | 5.509  | 6.362  | 35053216 | 7102862  | 4238.412 | 691.779 # |
| 23)                         | Toxaphene-2     | 5.694  | 6.654  | 7700773  | 120794   | 862.513  | 10.064 #  |
| 24)                         | Toxaphene-3     | 5.991  | 7.051  | 1910023  | 910495   | 245.367  | 49.130 #  |
| 25)                         | Toxaphene-4     | 0.000  | 7.092  | 0        | 7907193  | N.D.     | 153.480   |
| 26)                         | Toxaphene-5     | 6.816  | 7.585  | 6328949  | 3201816  | 220.976  | 131.757 # |
| -----                       |                 |        |        |          |          |          |           |

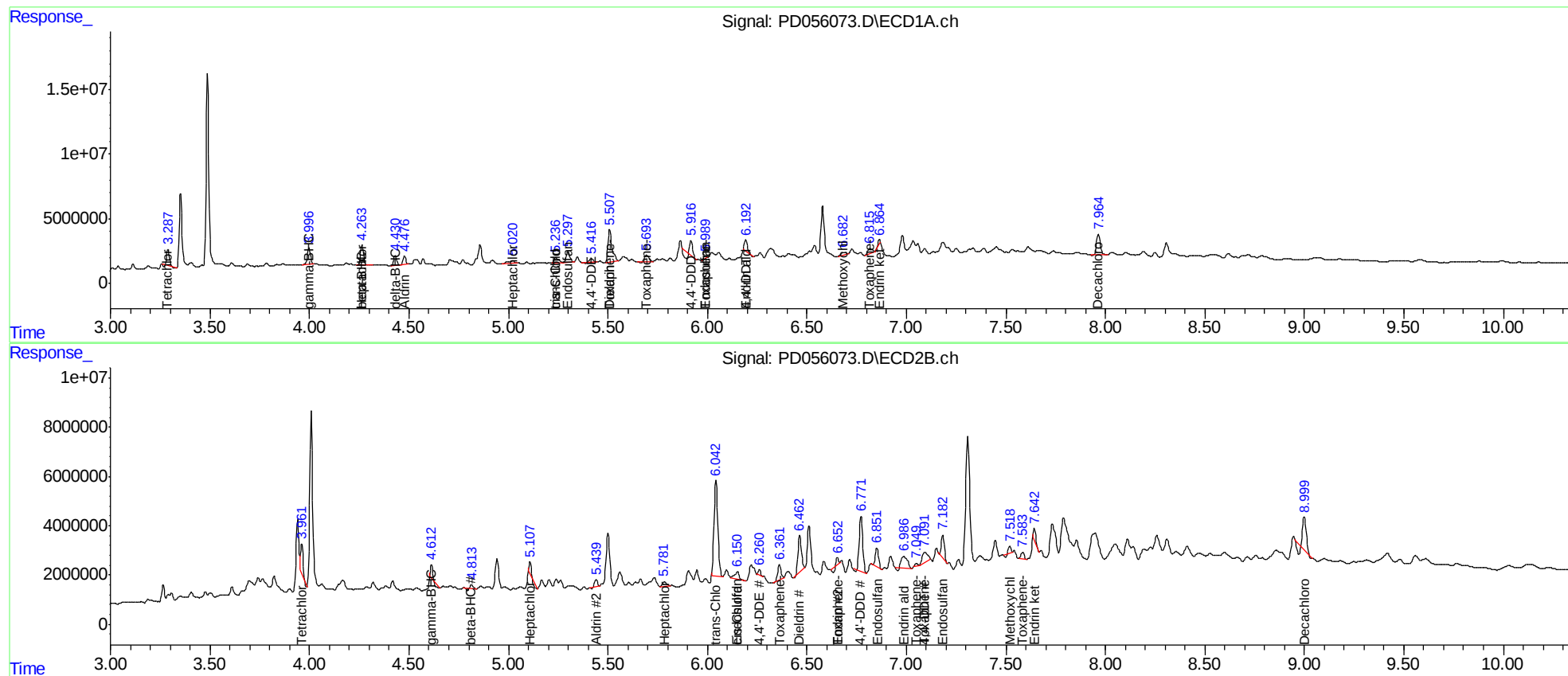
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

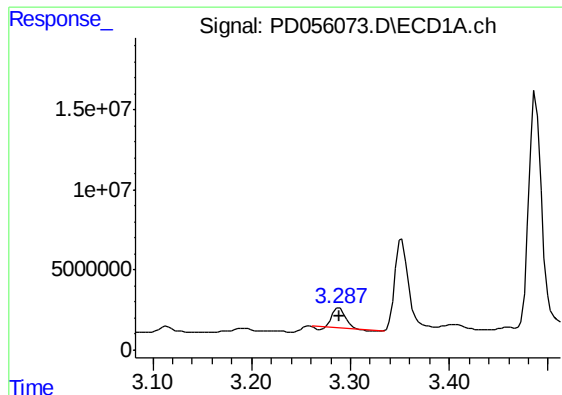
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD111819\  
Data File : PD056073.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Nov 2019 17:20  
Operator : SG\AJ  
Sample : K5820-02  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 19 01:30:34 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD110319CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 02 07:20:38 2019  
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

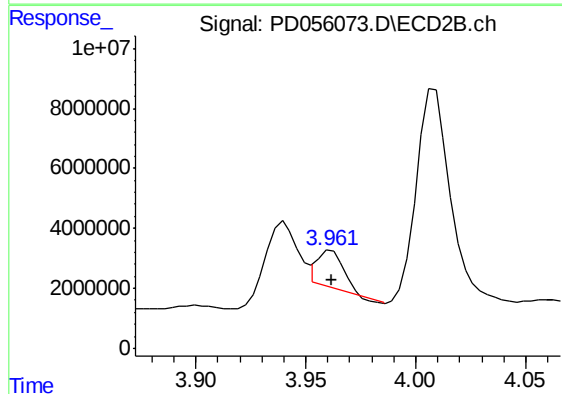




#1 Tetrachloro-m-xylene

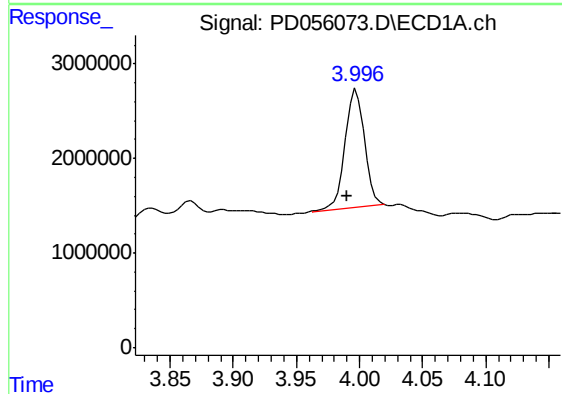
R.T.: 3.289 min  
Delta R.T.: 0.000 min  
Response: 10351519  
Conc: 13.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



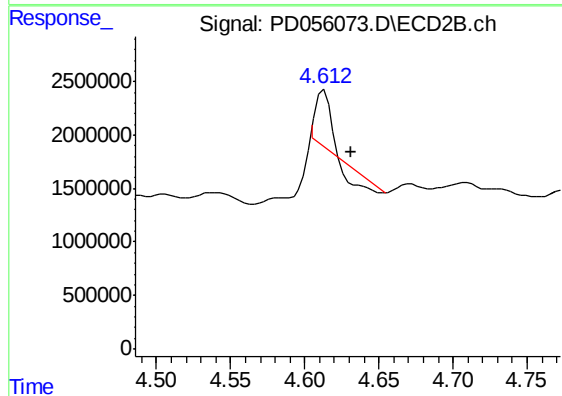
#1 Tetrachloro-m-xylene

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 10542346  
Conc: 10.06 ng/ml



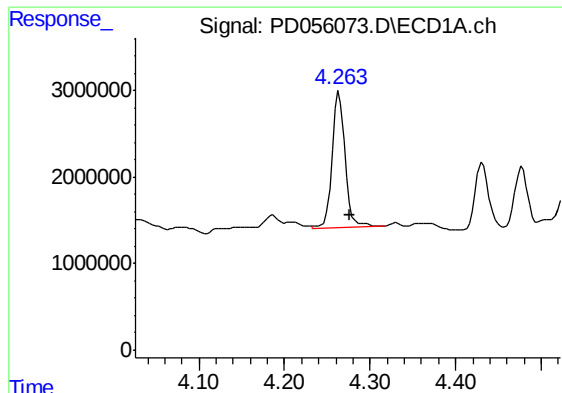
#3 gamma-BHC (Lindane)

R.T.: 3.998 min  
Delta R.T.: 0.007 min  
Response: 13451849  
Conc: 13.15 ng/ml



#3 gamma-BHC (Lindane)

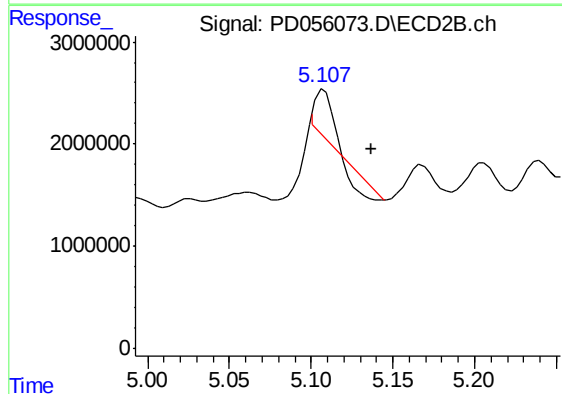
R.T.: 4.613 min  
Delta R.T.: -0.018 min  
Response: 2321207  
Conc: 1.65 ng/ml



#4 Heptachlor

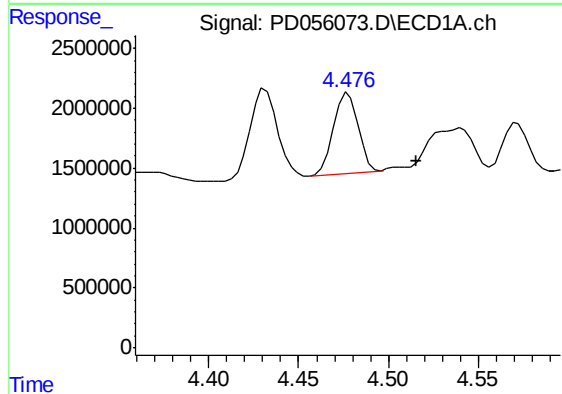
R.T.: 4.264 min  
Delta R.T.: -0.013 min  
Response: 16943008  
Conc: 17.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



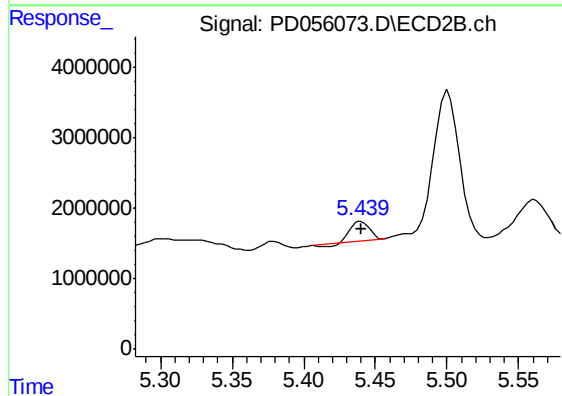
#4 Heptachlor

R.T.: 5.108 min  
Delta R.T.: -0.029 min  
Response: 1935113  
Conc: 1.33 ng/ml



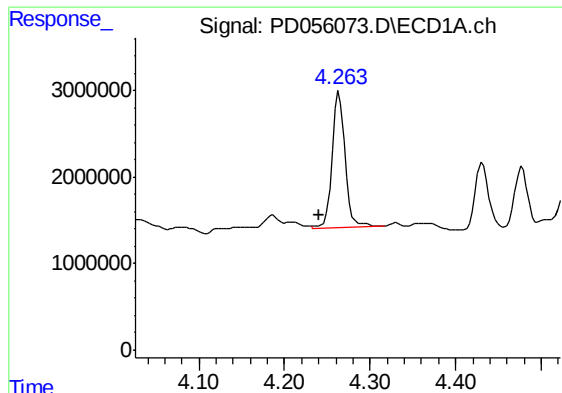
#5 Aldrin

R.T.: 4.478 min  
Delta R.T.: -0.038 min  
Response: 6464209  
Conc: 6.98 ng/ml



#5 Aldrin

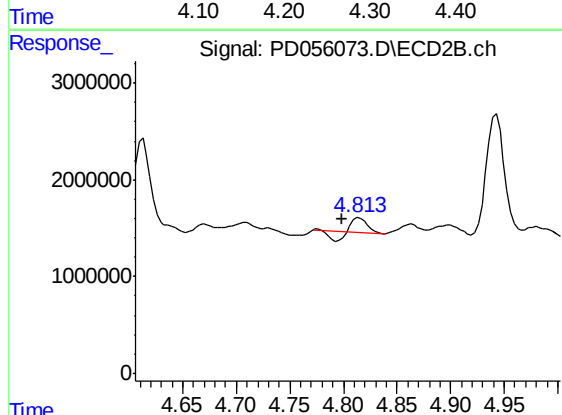
R.T.: 5.440 min  
Delta R.T.: 0.000 min  
Response: 2428888  
Conc: 1.77 ng/ml



#6 beta-BHC

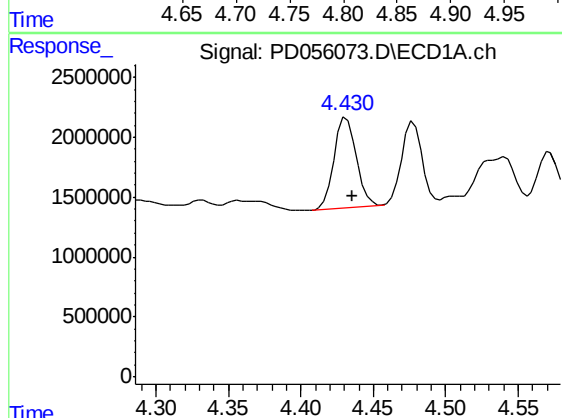
R.T.: 4.264 min  
Delta R.T.: 0.024 min  
Response: 16943008  
Conc: 37.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



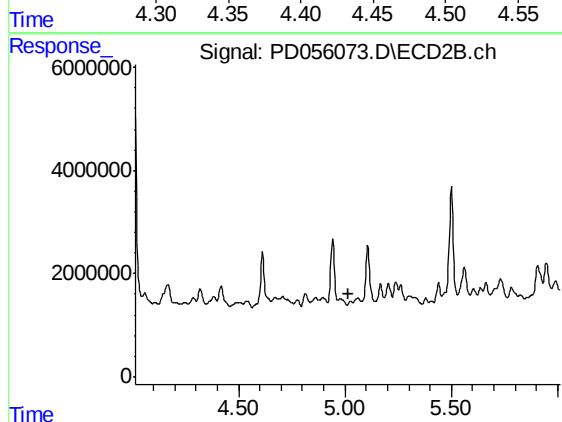
#6 beta-BHC

R.T.: 4.815 min  
Delta R.T.: 0.016 min  
Response: 631101  
Conc: 0.90 ng/ml



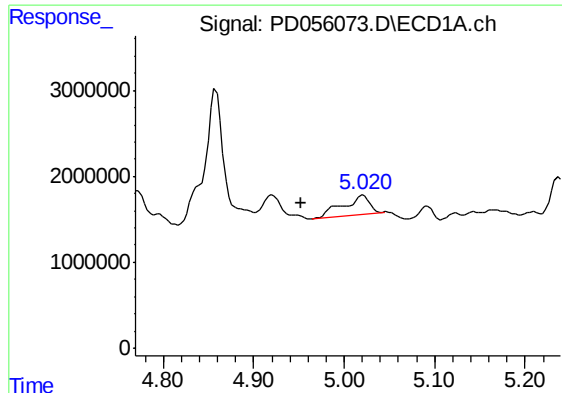
#7 delta-BHC

R.T.: 4.431 min  
Delta R.T.: -0.005 min  
Response: 8065841  
Conc: 7.90 ng/ml



#7 delta-BHC

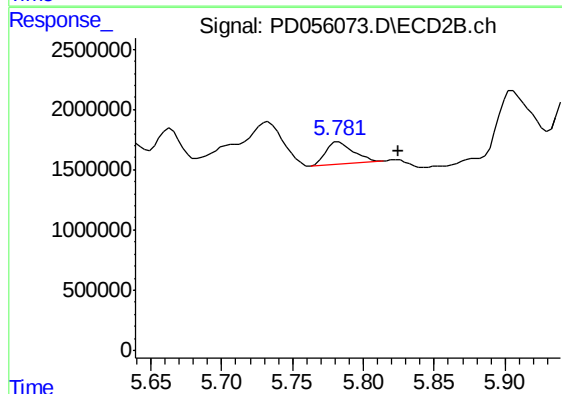
R.T.: 0.000 min  
Exp R.T. : 5.015 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

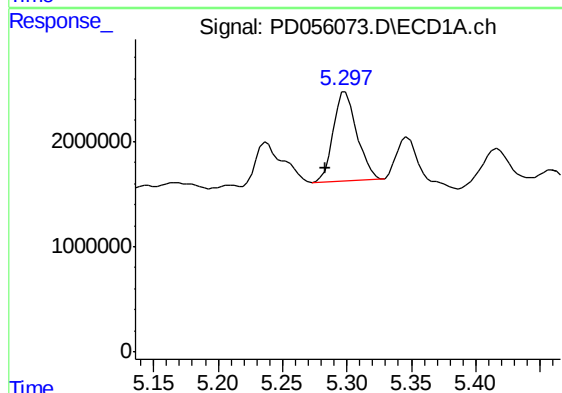
R.T.: 5.021 min  
Delta R.T.: 0.069 min  
Response: 4312435  
Conc: 4.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



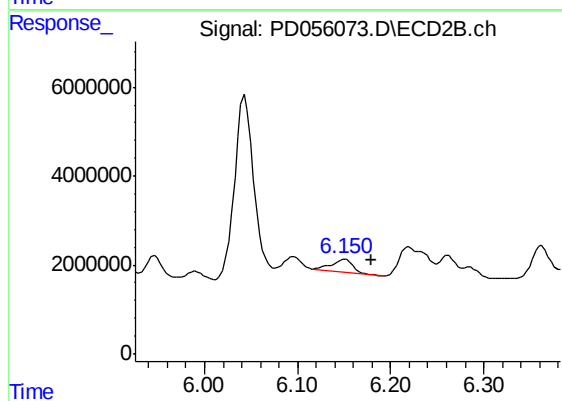
#8 Heptachlor epoxide

R.T.: 5.783 min  
Delta R.T.: -0.042 min  
Response: 2521354  
Conc: 1.87 ng/ml



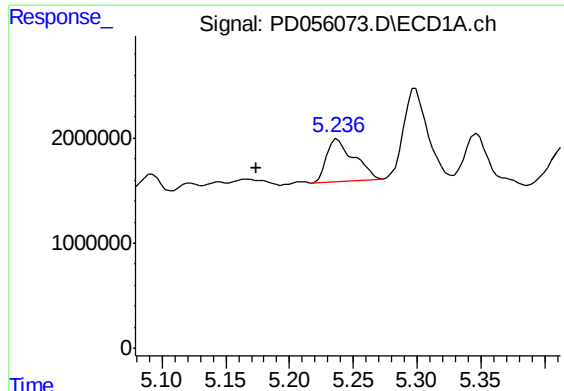
#9 Endosulfan I

R.T.: 5.299 min  
Delta R.T.: 0.016 min  
Response: 10896604  
Conc: 13.00 ng/ml



#9 Endosulfan I

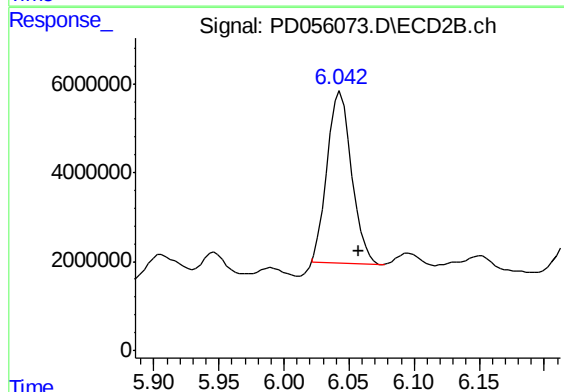
R.T.: 6.151 min  
Delta R.T.: -0.029 min  
Response: 4657861  
Conc: 3.58 ng/ml



#10 trans-Chlordane

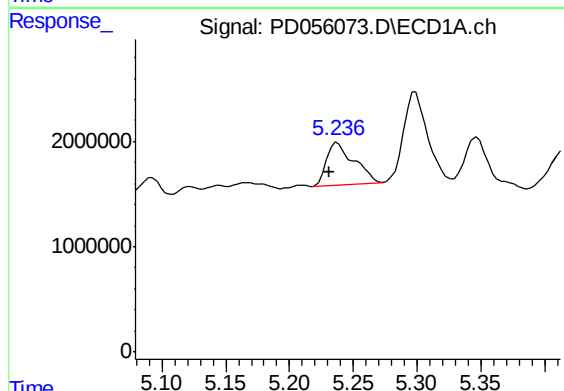
R.T.: 5.238 min  
Delta R.T.: 0.063 min  
Response: 5991110  
Conc: 6.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



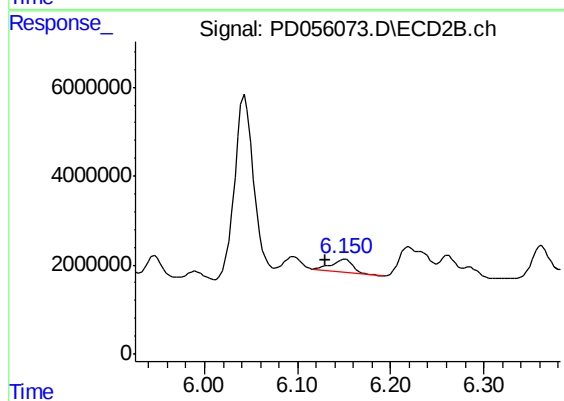
#10 trans-Chlordane

R.T.: 6.044 min  
Delta R.T.: -0.014 min  
Response: 50711786  
Conc: 35.55 ng/ml



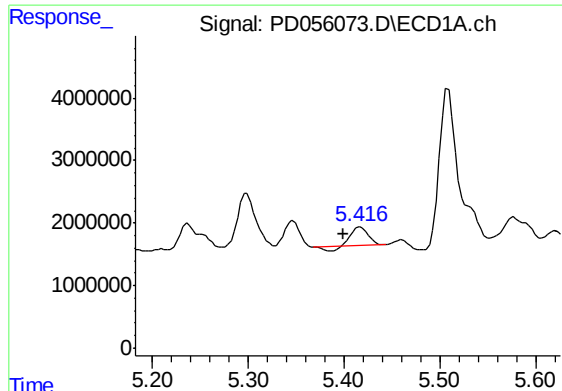
#11 cis-Chlordane

R.T.: 5.238 min  
Delta R.T.: 0.006 min  
Response: 5991110  
Conc: 6.77 ng/ml



#11 cis-Chlordane

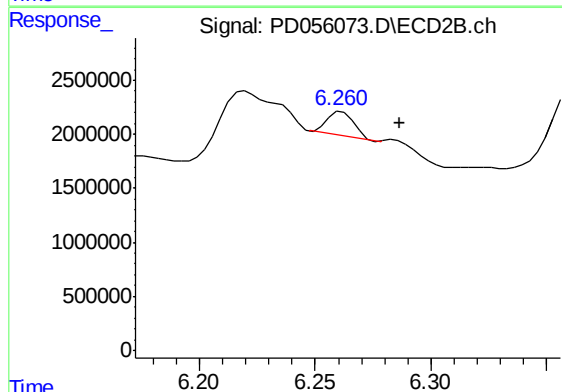
R.T.: 6.151 min  
Delta R.T.: 0.021 min  
Response: 4657861  
Conc: 3.32 ng/ml



#12 4,4'-DDE

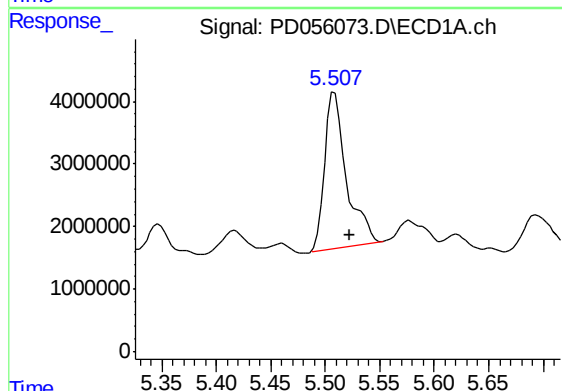
R.T.: 5.417 min  
Delta R.T.: 0.017 min  
Response: 3066174  
Conc: 3.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



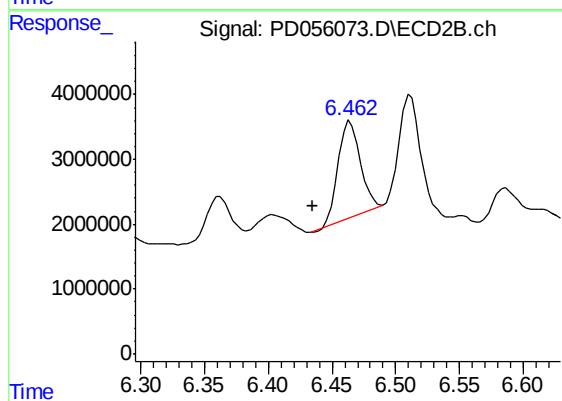
#12 4,4'-DDE

R.T.: 6.262 min  
Delta R.T.: -0.025 min  
Response: 1795288  
Conc: 1.33 ng/ml



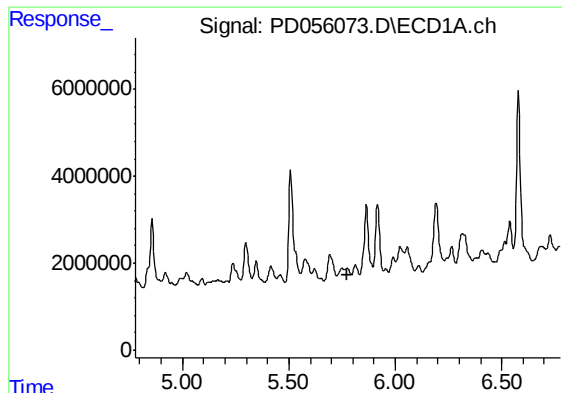
#13 Dieldrin

R.T.: 5.509 min  
Delta R.T.: -0.014 min  
Response: 35053216  
Conc: 37.27 ng/ml



#13 Dieldrin

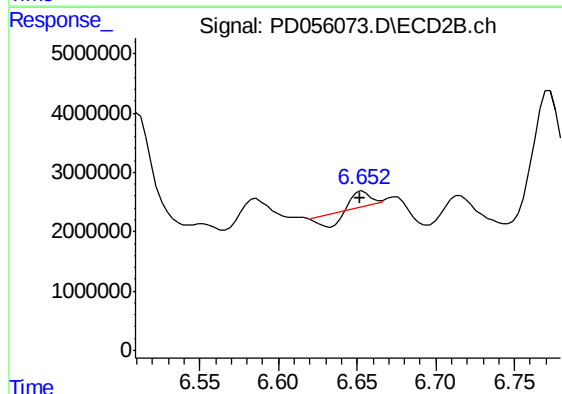
R.T.: 6.464 min  
Delta R.T.: 0.029 min  
Response: 17772987  
Conc: 12.57 ng/ml



#14 Endrin

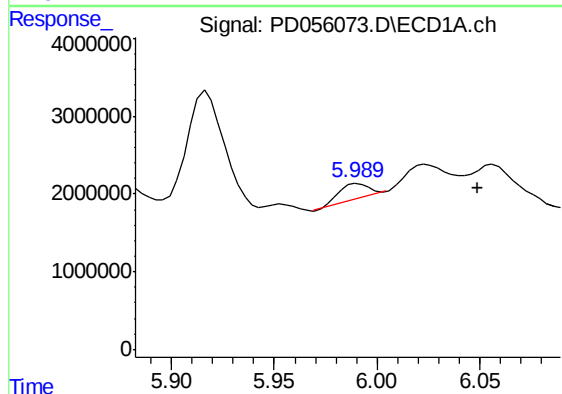
R.T.: 0.000 min  
Exp R.T.: 5.776 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



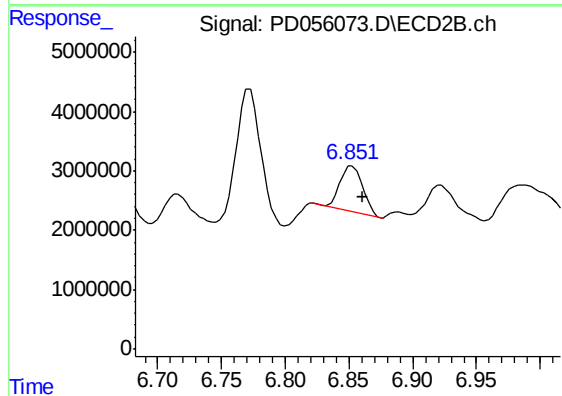
#14 Endrin

R.T.: 6.654 min  
Delta R.T.: 0.002 min  
Response: 120794  
Conc: 0.10 ng/ml



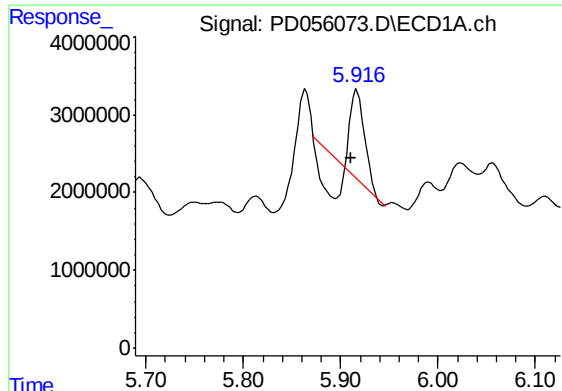
#15 Endosulfan II

R.T.: 5.991 min  
Delta R.T.: -0.058 min  
Response: 1910023  
Conc: 2.27 ng/ml



#15 Endosulfan II

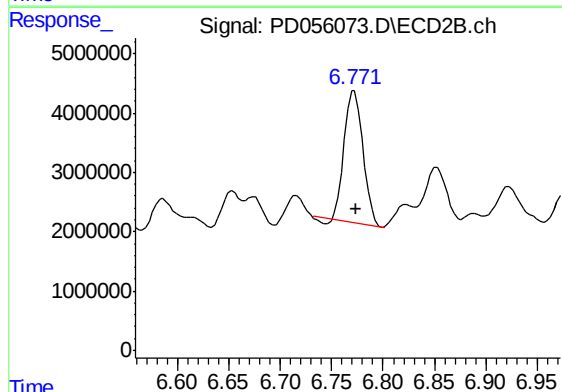
R.T.: 6.853 min  
Delta R.T.: -0.008 min  
Response: 9633399  
Conc: 7.44 ng/ml



#16 4,4'-DDD

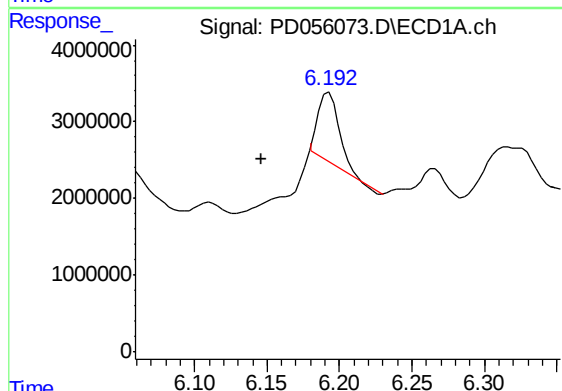
R.T.: 5.917 min  
Delta R.T.: 0.007 min  
Response: 5937971  
Conc: 8.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



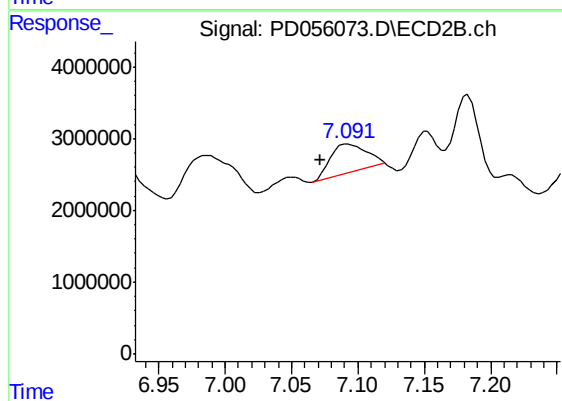
#16 4,4'-DDD

R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 27923835  
Conc: 25.01 ng/ml



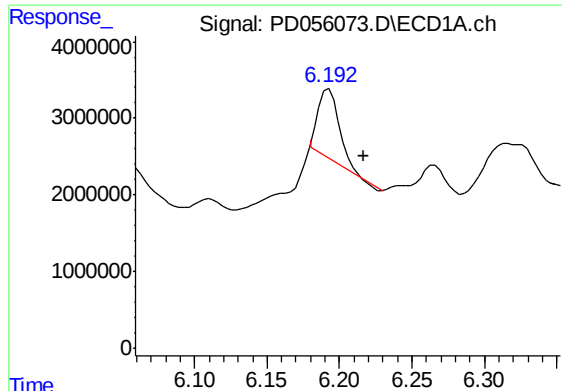
#17 4,4'-DDT

R.T.: 6.193 min  
Delta R.T.: 0.047 min  
Response: 9127627  
Conc: 14.09 ng/ml



#17 4,4'-DDT

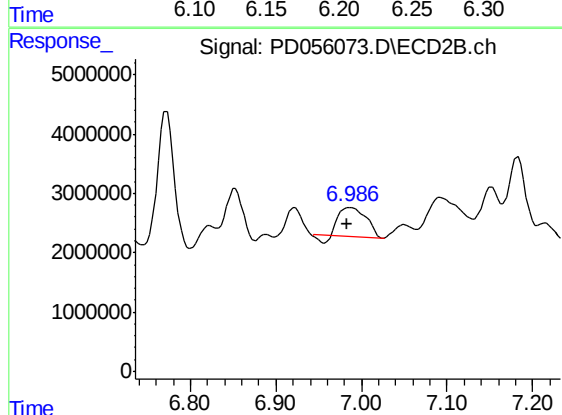
R.T.: 7.092 min  
Delta R.T.: 0.020 min  
Response: 7907193  
Conc: 7.27 ng/ml



#18 Endrin aldehyde

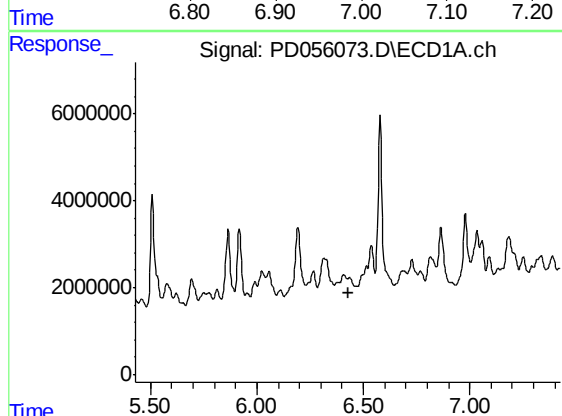
R.T.: 6.193 min  
Delta R.T.: -0.024 min  
Response: 9127627  
Conc: 12.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



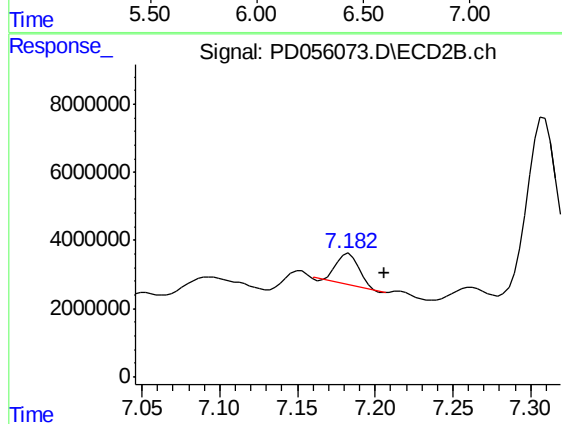
#18 Endrin aldehyde

R.T.: 6.987 min  
Delta R.T.: 0.004 min  
Response: 10156546  
Conc: 9.35 ng/ml



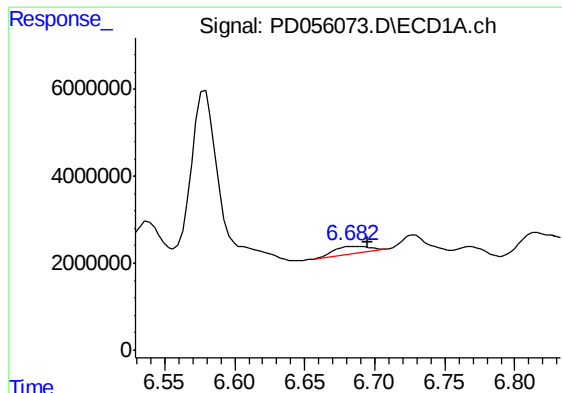
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.428 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

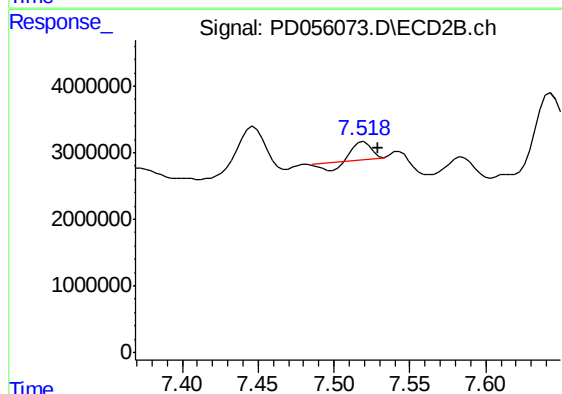
R.T.: 7.183 min  
Delta R.T.: -0.023 min  
Response: 9650495  
Conc: 8.00 ng/ml



#20 Methoxychlor

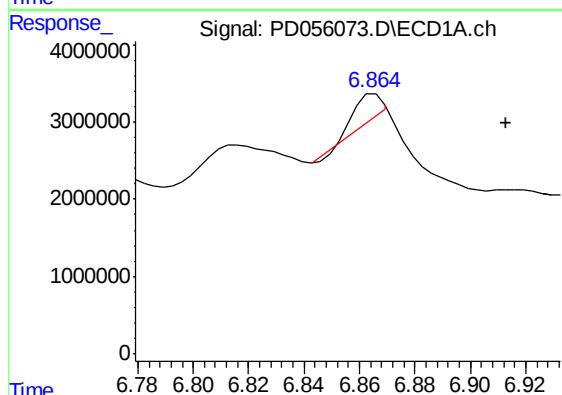
R.T.: 6.684 min  
Delta R.T.: -0.011 min  
Response: 2897031  
Conc: 7.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



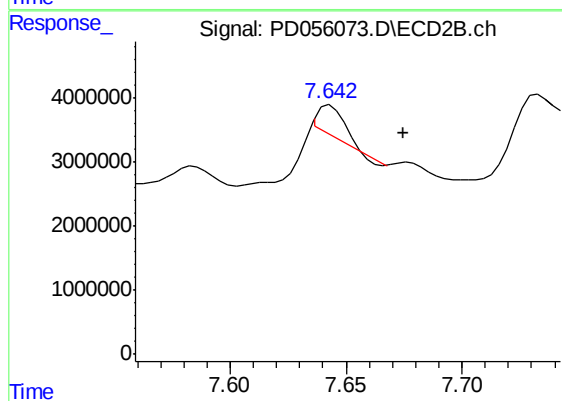
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.009 min  
Response: 1393720  
Conc: 2.24 ng/ml



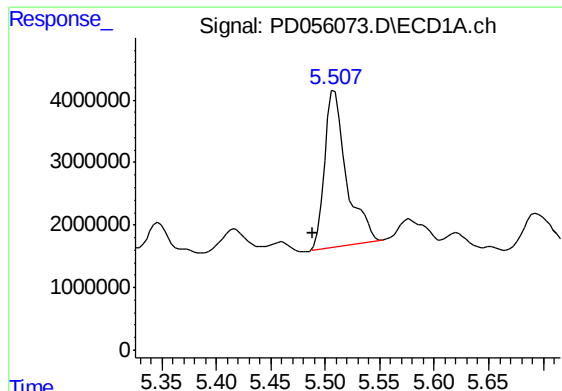
#21 Endrin ketone

R.T.: 6.866 min  
Delta R.T.: -0.047 min  
Response: 2881827  
Conc: 3.25 ng/ml



#21 Endrin ketone

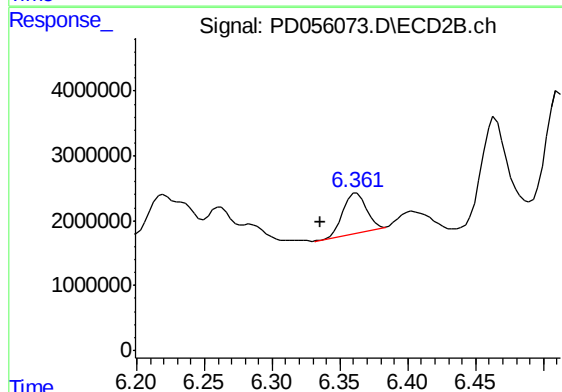
R.T.: 7.643 min  
Delta R.T.: -0.032 min  
Response: 3809012  
Conc: 2.89 ng/ml



#22 Toxaphene-1

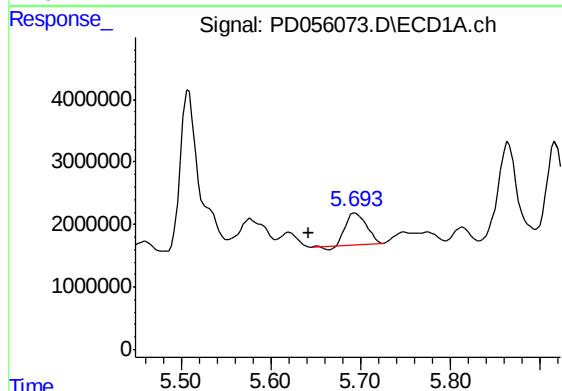
R.T.: 5.509 min  
Delta R.T.: 0.020 min  
Response: 35053216  
Conc: 4238.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



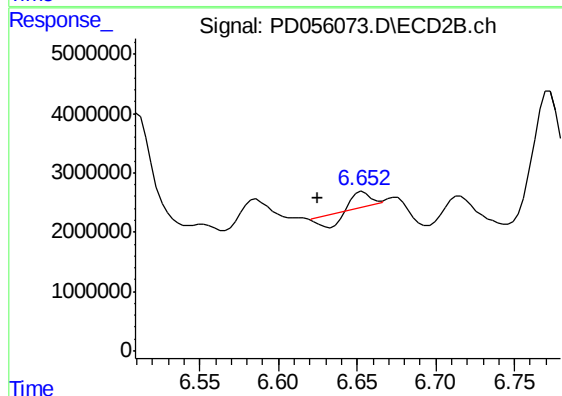
#22 Toxaphene-1

R.T.: 6.362 min  
Delta R.T.: 0.027 min  
Response: 7102862  
Conc: 691.78 ng/ml



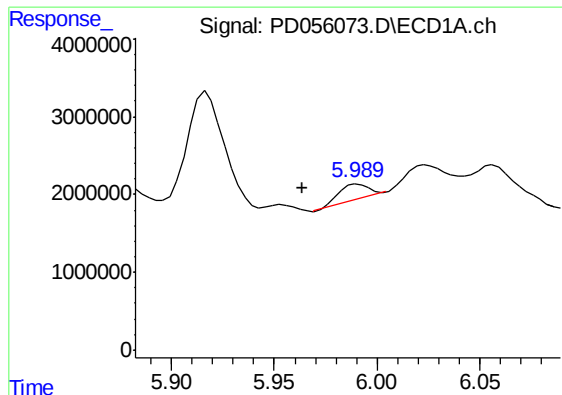
#23 Toxaphene-2

R.T.: 5.694 min  
Delta R.T.: 0.051 min  
Response: 7700773  
Conc: 862.51 ng/ml



#23 Toxaphene-2

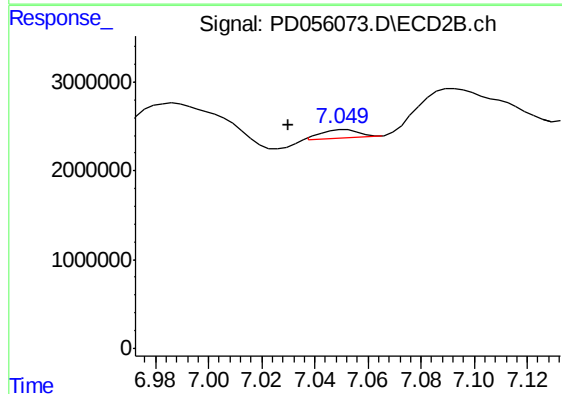
R.T.: 6.654 min  
Delta R.T.: 0.029 min  
Response: 120794  
Conc: 10.06 ng/ml



#24 Toxaphene-3

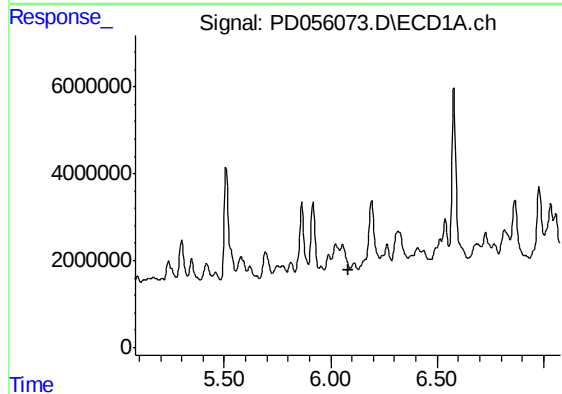
R.T.: 5.991 min  
Delta R.T.: 0.027 min  
Response: 1910023  
Conc: 245.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



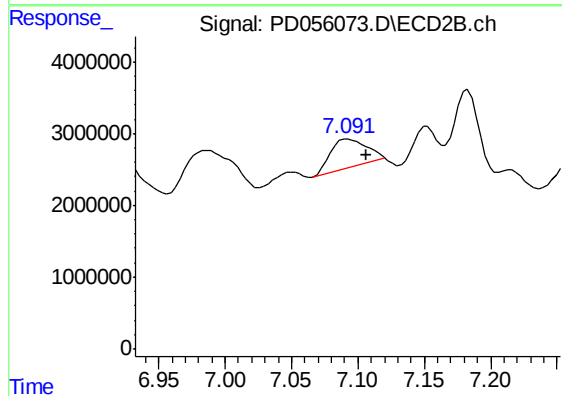
#24 Toxaphene-3

R.T.: 7.051 min  
Delta R.T.: 0.021 min  
Response: 910495  
Conc: 49.13 ng/ml



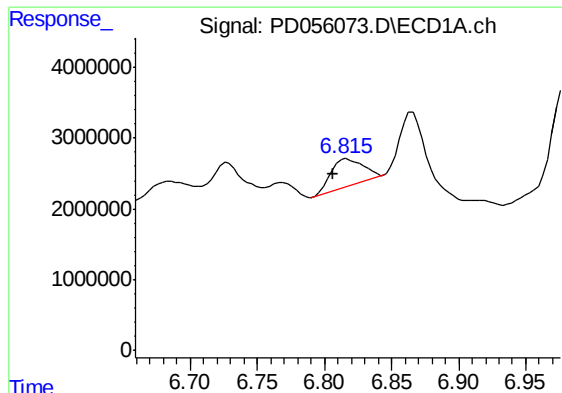
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.082 min  
Response: 0  
Conc: N.D.



#25 Toxaphene-4

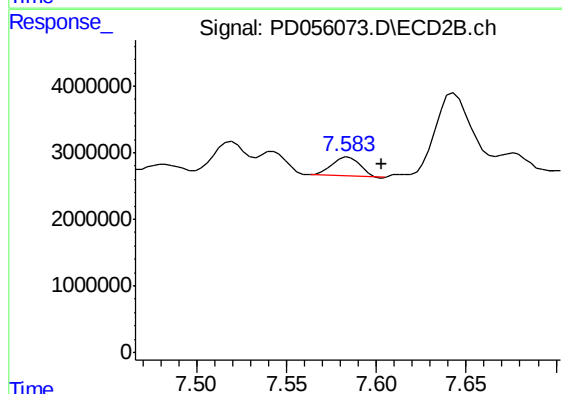
R.T.: 7.092 min  
Delta R.T.: -0.014 min  
Response: 7907193  
Conc: 153.48 ng/ml



#26 Toxaphene-5

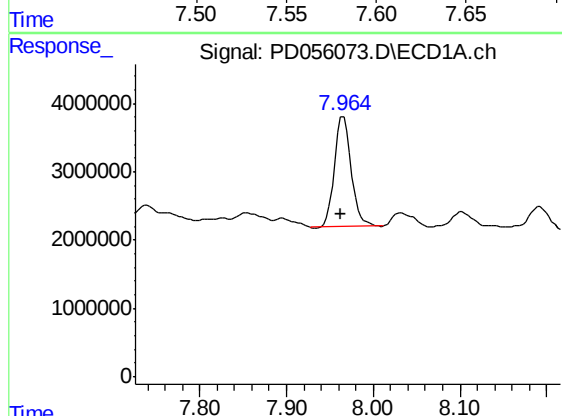
R.T.: 6.816 min  
Delta R.T.: 0.009 min  
Response: 6328949  
Conc: 220.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0AY8



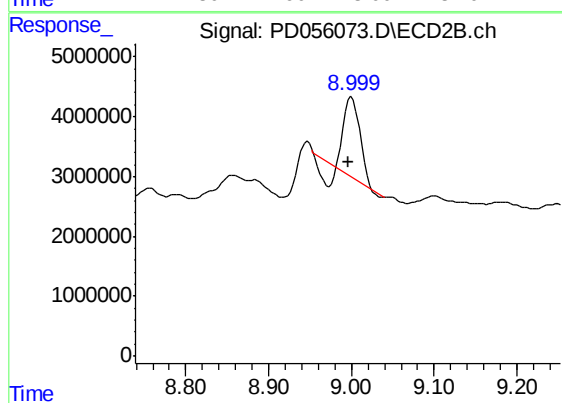
#26 Toxaphene-5

R.T.: 7.585 min  
Delta R.T.: -0.019 min  
Response: 3201816  
Conc: 131.76 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.966 min  
Delta R.T.: 0.002 min  
Response: 21893800  
Conc: 26.86 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.001 min  
Delta R.T.: 0.004 min  
Response: 15347557  
Conc: 13.52 ng/ml