

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122719\  
 Data File : PD056800.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Dec 2019 13:56  
 Operator : SG\AJ  
 Sample : K6278-20  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0C84

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 27 22:41:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 03 08:51:13 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... | 3.286  | 3.960  | 6527508  | 11517845 | 7.882   | 9.580     |
| 27)                         | SA Decachlor... | 7.959  | 8.995  | 19774671 | 1355327  | 21.900  | 1.126 #   |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | MA gamma-BHC... | 0.000  | 4.610  | 0        | 741056   | N.D.    | 0.459     |
| 5)                          | MB Aldrin       | 0.000  | 5.486f | 0        | 4078369  | N.D.    | 2.482     |
| 6)                          | B beta-BHC      | 0.000  | 4.826f | 0        | 4653183  | N.D.    | 5.646     |
| 7)                          | B delta-BHC     | 0.000  | 5.047f | 0        | 1738345  | N.D.    | 1.044     |
| 8)                          | B Heptachlo...  | 5.014f | 5.811  | 4283722  | 19348050 | 4.188   | 12.489 #  |
| 9)                          | A Endosulfan I  | 5.307  | 6.164  | 754015   | 197061   | 0.815   | 0.136 #   |
| 10)                         | B trans-Chl...  | 5.191  | 6.043  | 1526084  | 7123966  | 1.456   | 4.309 #   |
| 11)                         | B cis-Chlor...  | 5.191f | 6.131  | 1526084  | 3126381  | 1.494   | 1.940 #   |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.280  | 0        | 3713807  | N.D.    | 2.365     |
| 13)                         | MA Dieldrin     | 5.503  | 6.371f | 7280867  | 8485449  | 7.168   | 5.400     |
| 14)                         | MA Endrin       | 5.832f | 0.000  | 3758122  | 0        | 4.497   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 5.972f | 6.783  | -3298577 | 53816869 | N.D.    | 45.733    |
| 17)                         | MA 4,4'-DDT     | 6.136  | 7.043  | 4380685  | 5837751  | 6.226   | 4.938     |
| 18)                         | B Endrin al...  | 0.000  | 6.993  | 0        | 56885855 | N.D.    | 46.788    |
| 19)                         | B Endosulfa...  | 6.446  | 7.153f | 27083905 | 38070306 | 31.181  | 28.473    |
| 20)                         | A Methoxychlor  | 6.721  | 0.000  | 5379866  | 0        | 15.874  | N.D. #    |
| 21)                         | B Endrin ke...  | 6.856f | 7.700  | 2067890  | 13166207 | 2.136   | 8.948 #   |
| 22)                         | Toxaphene-1     | 5.503  | 6.371  | 7280867  | 8485449  | 808.103 | 755.812   |
| 23)                         | Toxaphene-2     | 5.643  | 0.000  | 4959012  | 0        | 509.609 | N.D. #    |
| 25)                         | Toxaphene-4     | 6.136  | 7.153  | 4380685  | 38070306 | 176.816 | 689.487 # |
| -----                       |                 |        |        |          |          |         |           |

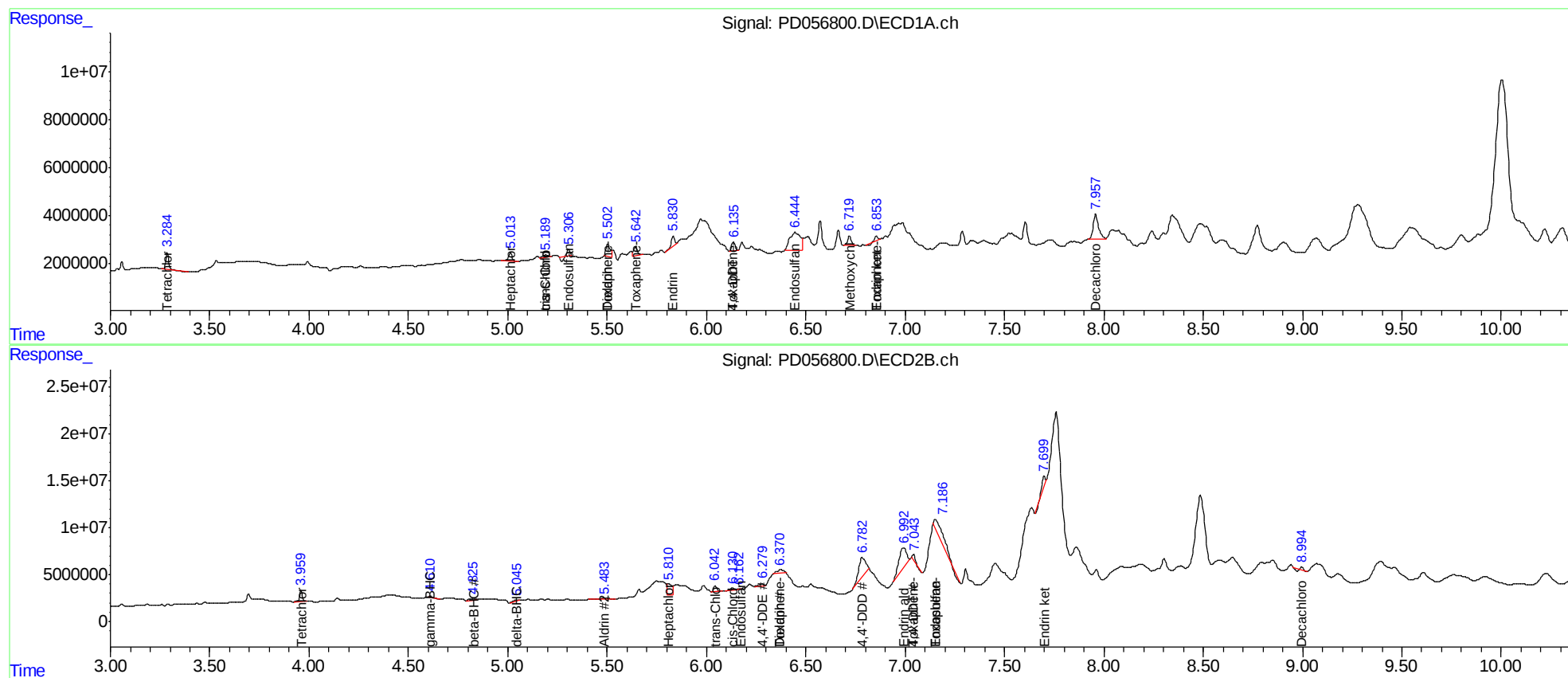
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

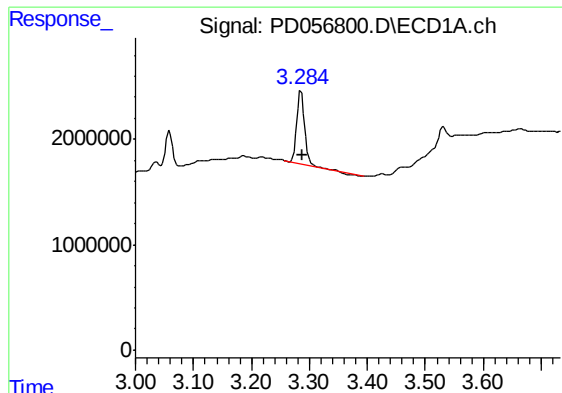
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122719\  
Data File : PD056800.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Dec 2019 13:56  
Operator : SG\AJ  
Sample : K6278-20  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 27 22:41:07 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120219CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 03 08:51:13 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

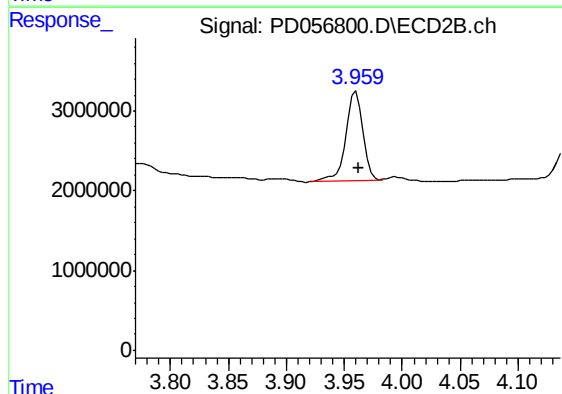




#1 Tetrachloro-m-xylene

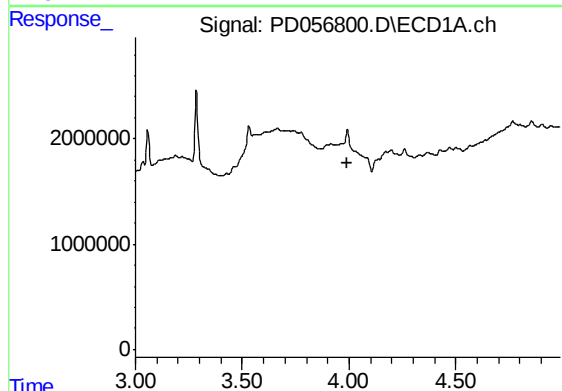
R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 6527508  
Conc: 7.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



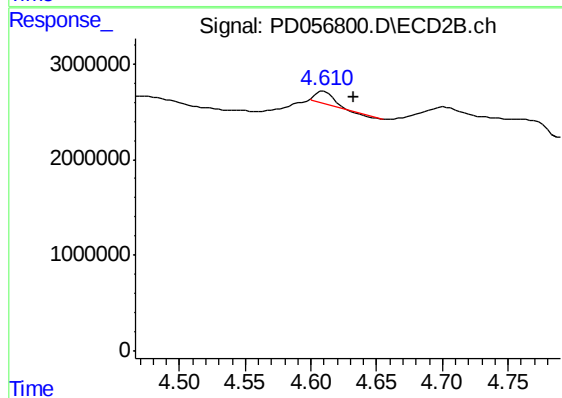
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.002 min  
Response: 11517845  
Conc: 9.58 ng/ml



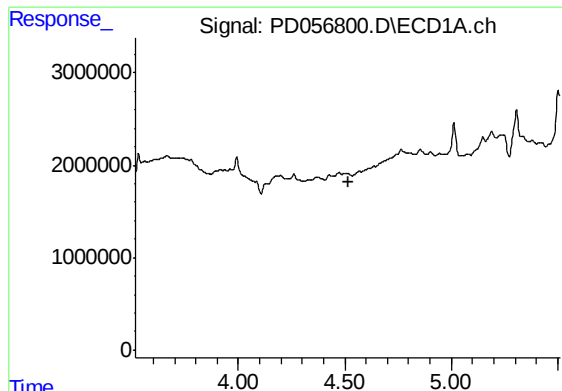
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.991 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

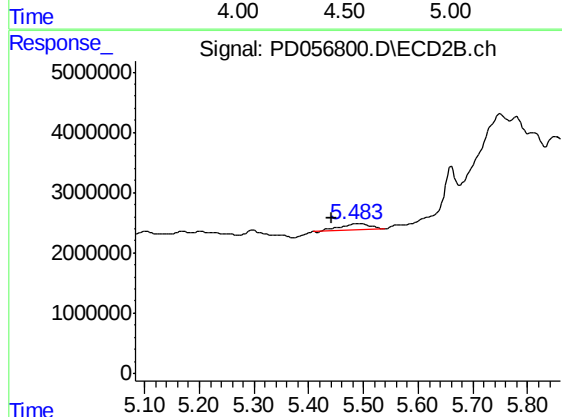
R.T.: 4.610 min  
Delta R.T.: -0.022 min  
Response: 741056  
Conc: 0.46 ng/ml



#5 Aldrin

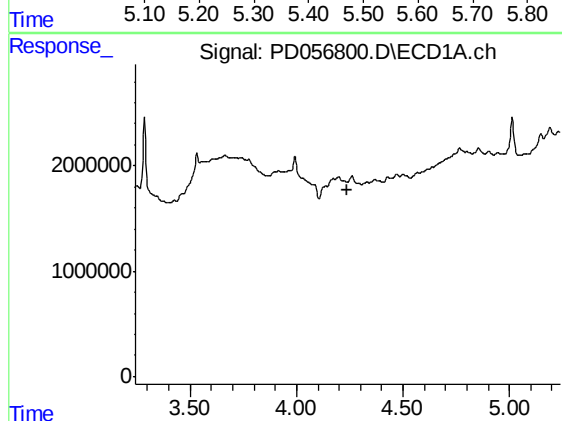
R.T.: 0.000 min  
Exp R.T. : 4.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



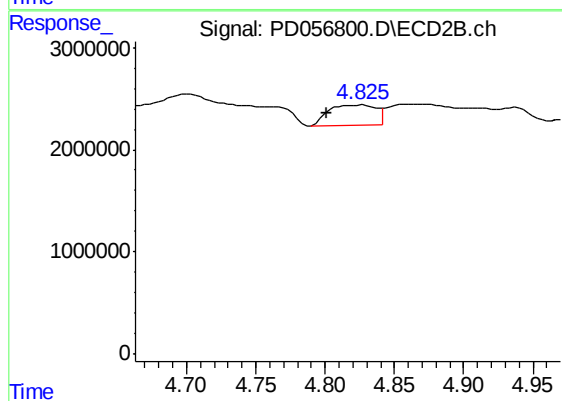
#5 Aldrin

R.T.: 5.486 min  
Delta R.T.: 0.043 min  
Response: 4078369  
Conc: 2.48 ng/ml



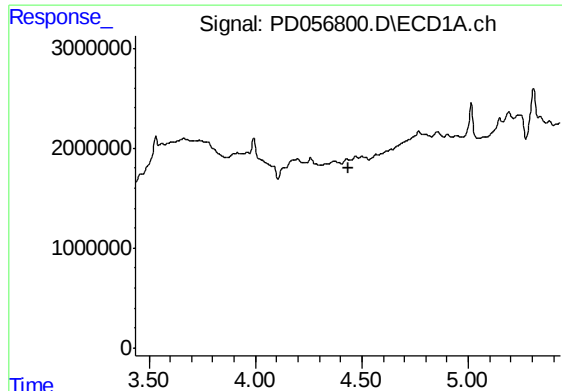
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.240 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

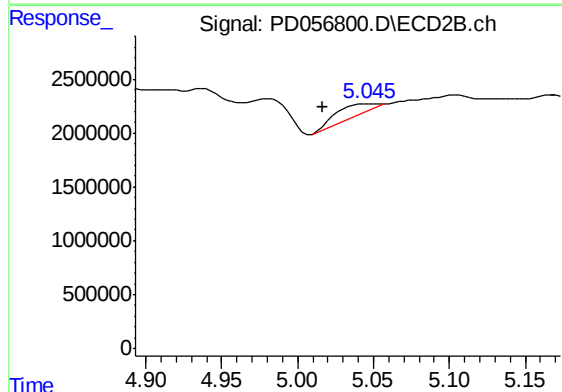
R.T.: 4.826 min  
Delta R.T.: 0.025 min  
Response: 4653183  
Conc: 5.65 ng/ml



#7 delta-BHC

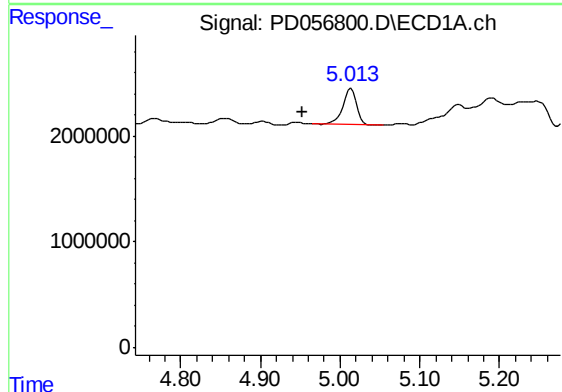
R.T.: 0.000 min  
Exp R.T.: 4.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



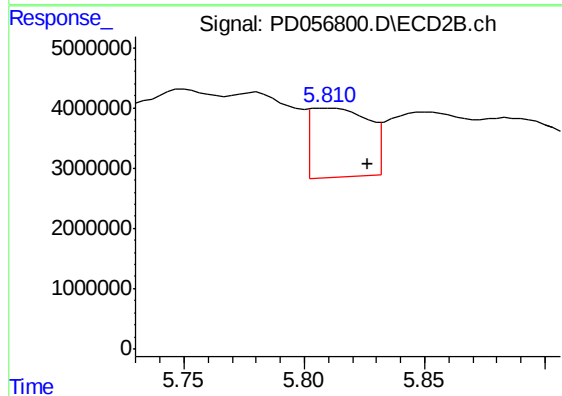
#7 delta-BHC

R.T.: 5.047 min  
Delta R.T.: 0.030 min  
Response: 1738345  
Conc: 1.04 ng/ml



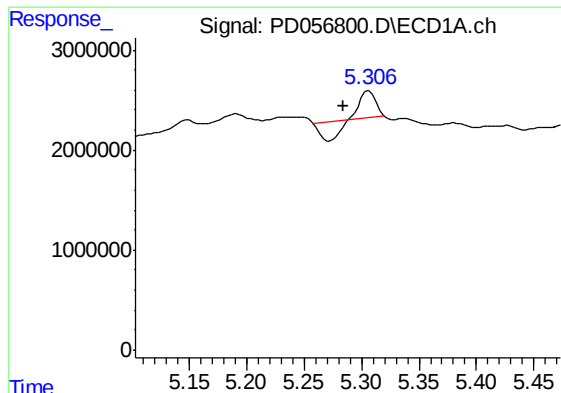
#8 Heptachlor epoxide

R.T.: 5.014 min  
Delta R.T.: 0.061 min  
Response: 4283722  
Conc: 4.19 ng/ml



#8 Heptachlor epoxide

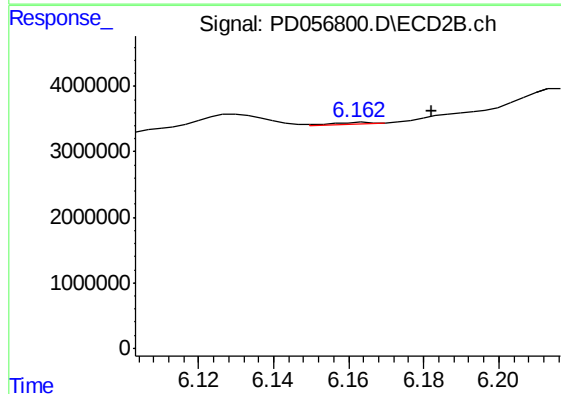
R.T.: 5.811 min  
Delta R.T.: -0.016 min  
Response: 19348050  
Conc: 12.49 ng/ml



#9 Endosulfan I

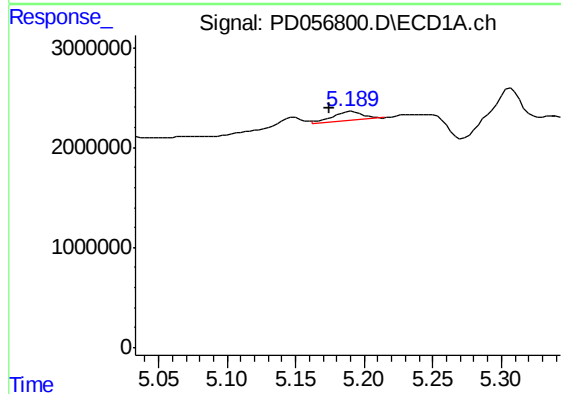
R.T.: 5.307 min  
Delta R.T.: 0.023 min  
Response: 754015  
Conc: 0.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



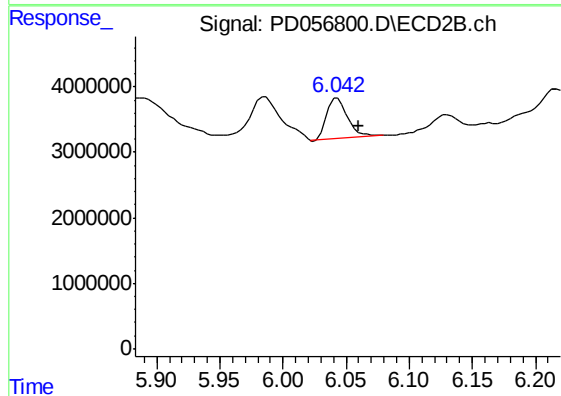
#9 Endosulfan I

R.T.: 6.164 min  
Delta R.T.: -0.019 min  
Response: 197061  
Conc: 0.14 ng/ml



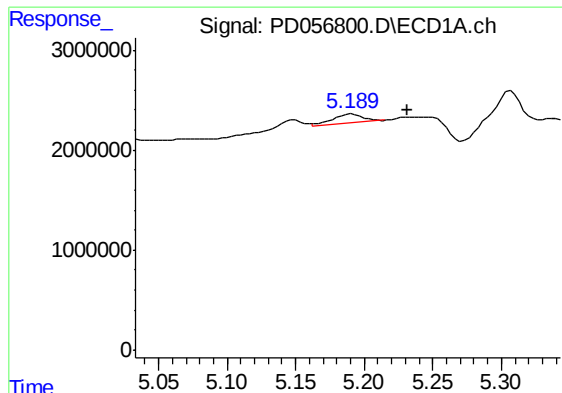
#10 trans-Chlordane

R.T.: 5.191 min  
Delta R.T.: 0.016 min  
Response: 1526084  
Conc: 1.46 ng/ml



#10 trans-Chlordane

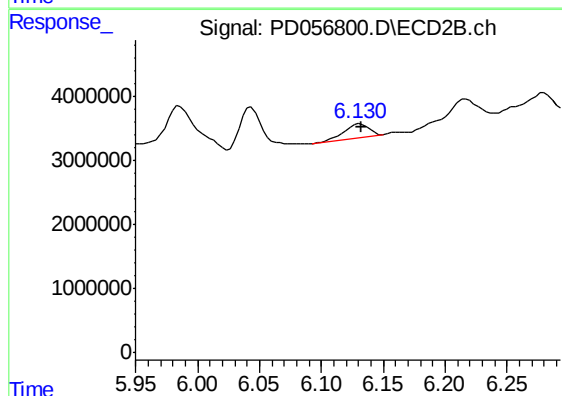
R.T.: 6.043 min  
Delta R.T.: -0.017 min  
Response: 7123966  
Conc: 4.31 ng/ml



#11 cis-Chlordane

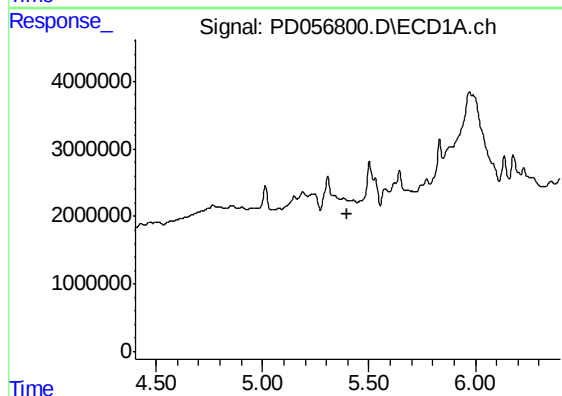
R.T.: 5.191 min  
Delta R.T.: -0.041 min  
Response: 1526084  
Conc: 1.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



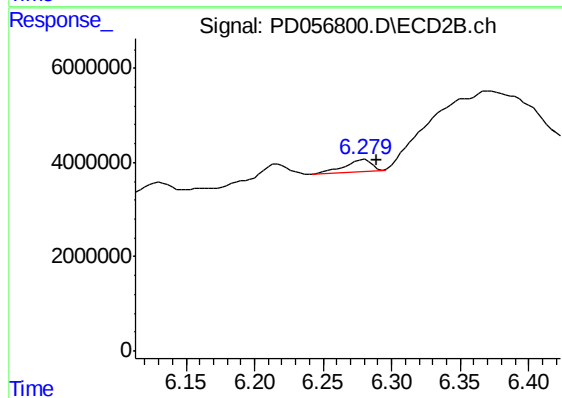
#11 cis-Chlordane

R.T.: 6.131 min  
Delta R.T.: -0.001 min  
Response: 3126381  
Conc: 1.94 ng/ml



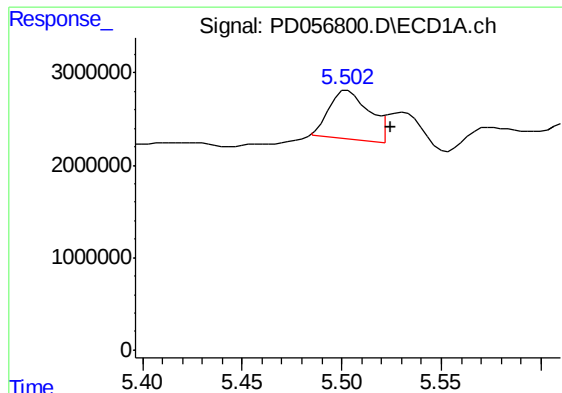
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.401 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

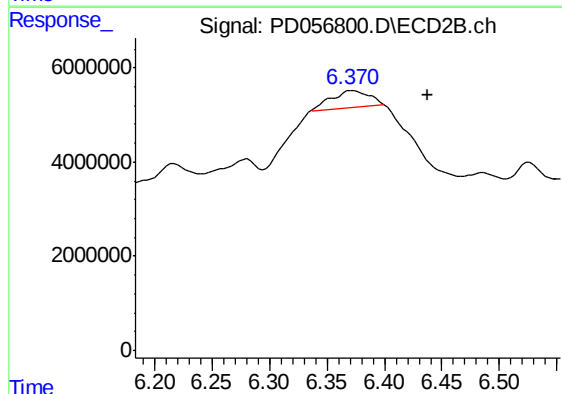
R.T.: 6.280 min  
Delta R.T.: -0.009 min  
Response: 3713807  
Conc: 2.37 ng/ml



#13 Dieldrin

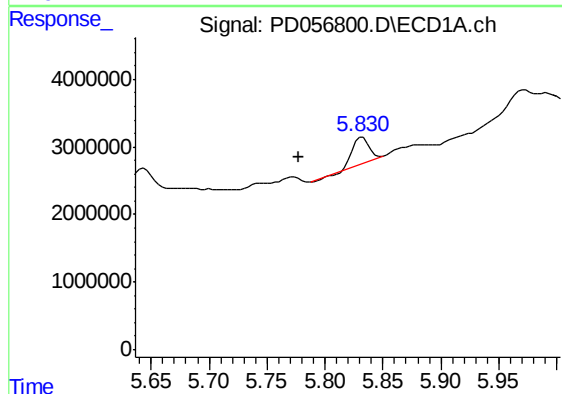
R.T.: 5.503 min  
Delta R.T.: -0.021 min  
Response: 7280867  
Conc: 7.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



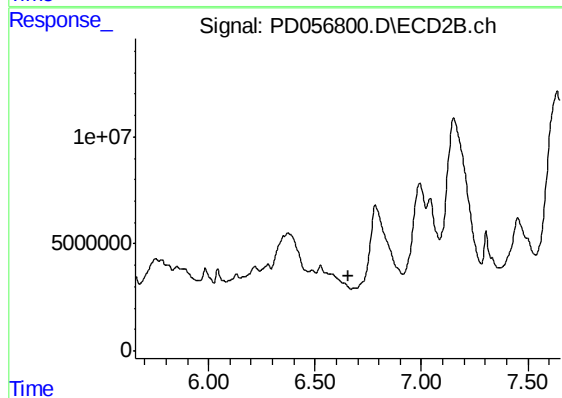
#13 Dieldrin

R.T.: 6.371 min  
Delta R.T.: -0.067 min  
Response: 8485449  
Conc: 5.40 ng/ml



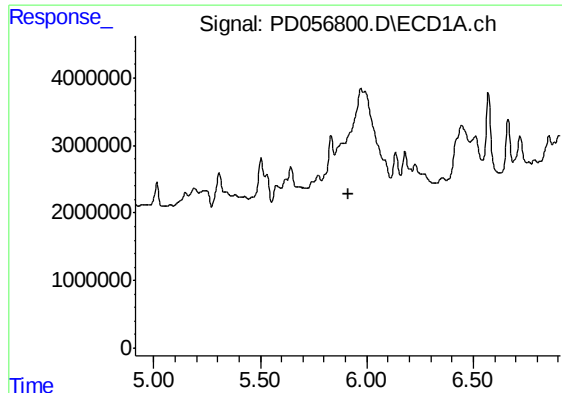
#14 Endrin

R.T.: 5.832 min  
Delta R.T.: 0.055 min  
Response: 3758122  
Conc: 4.50 ng/ml



#14 Endrin

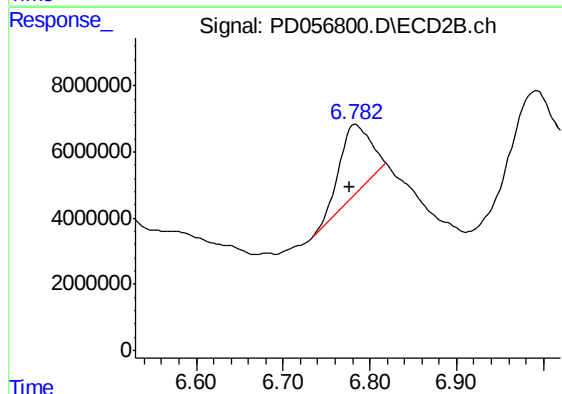
R.T.: 0.000 min  
Exp R.T. : 6.655 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

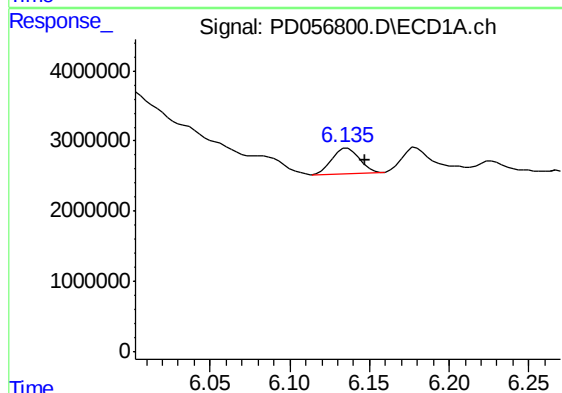
R.T.: 5.972 min  
Delta R.T.: 0.060 min  
Response: -3298577  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



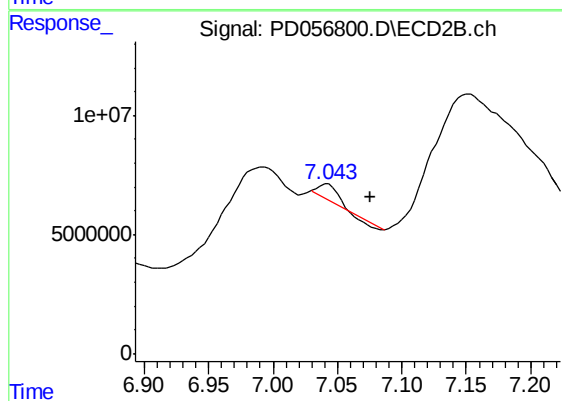
#16 4,4'-DDD

R.T.: 6.783 min  
Delta R.T.: 0.006 min  
Response: 53816869  
Conc: 45.73 ng/ml



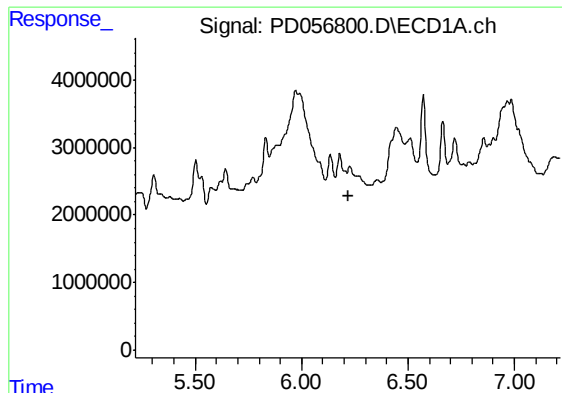
#17 4,4'-DDT

R.T.: 6.136 min  
Delta R.T.: -0.011 min  
Response: 4380685  
Conc: 6.23 ng/ml



#17 4,4'-DDT

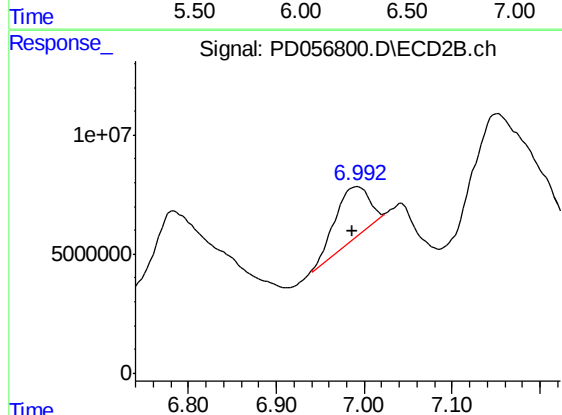
R.T.: 7.043 min  
Delta R.T.: -0.033 min  
Response: 5837751  
Conc: 4.94 ng/ml



#18 Endrin aldehyde

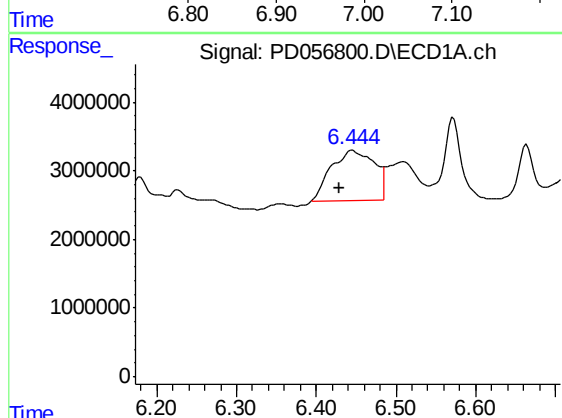
R.T.: 0.000 min  
Exp R.T.: 6.219 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



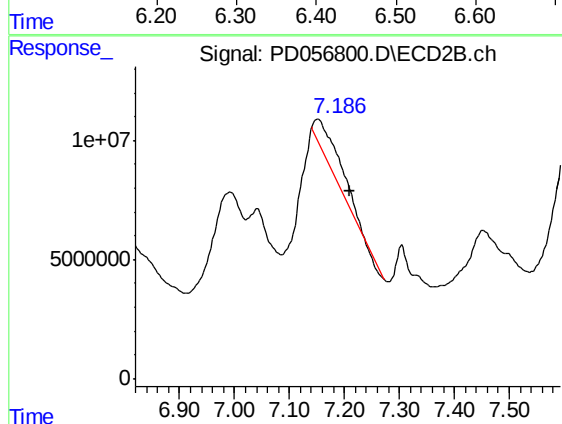
#18 Endrin aldehyde

R.T.: 6.993 min  
Delta R.T.: 0.006 min  
Response: 56885855  
Conc: 46.79 ng/ml



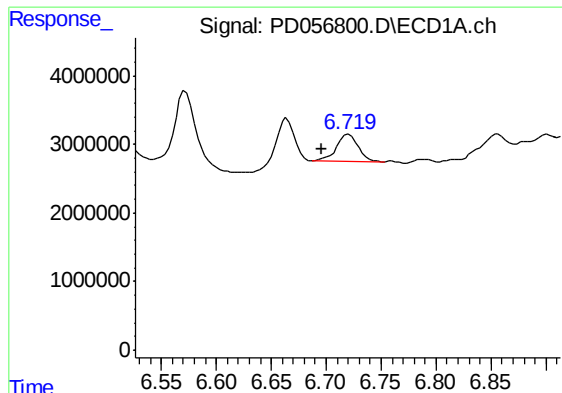
#19 Endosulfan Sulfate

R.T.: 6.446 min  
Delta R.T.: 0.016 min  
Response: 27083905  
Conc: 31.18 ng/ml



#19 Endosulfan Sulfate

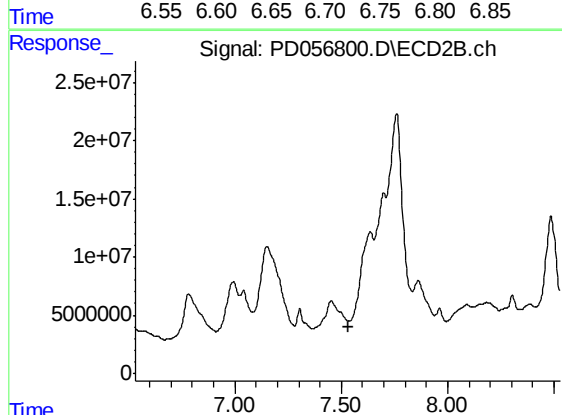
R.T.: 7.153 min  
Delta R.T.: -0.057 min  
Response: 38070306  
Conc: 28.47 ng/ml



#20 Methoxychlor

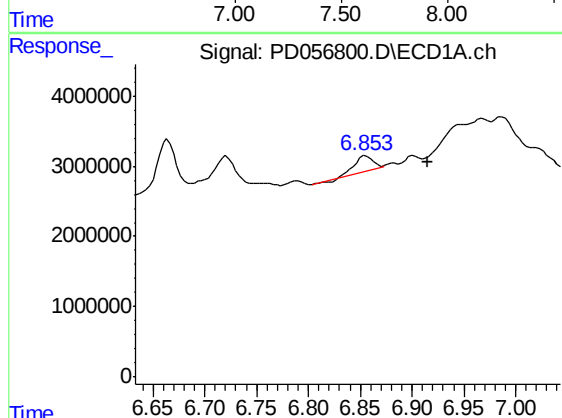
R.T.: 6.721 min  
Delta R.T.: 0.025 min  
Response: 5379866  
Conc: 15.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



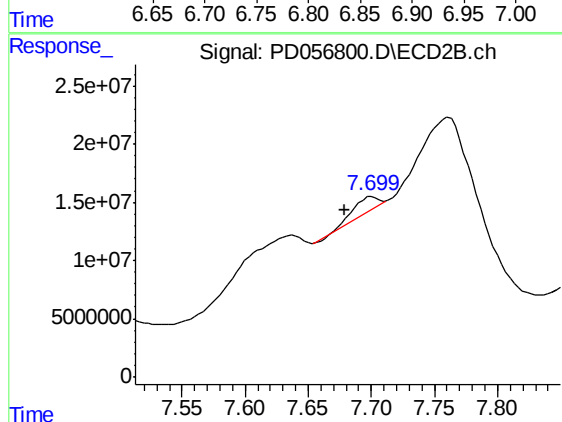
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.533 min  
Response: 0  
Conc: N.D.



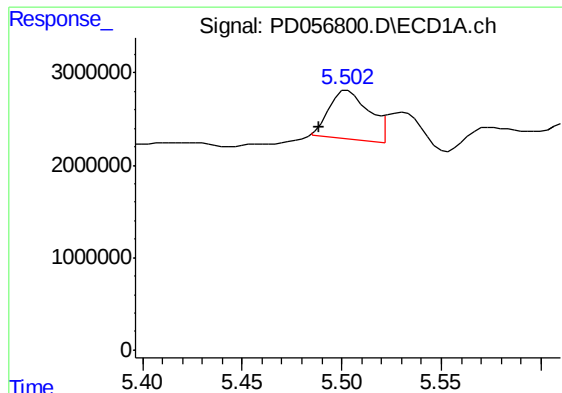
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: -0.060 min  
Response: 2067890  
Conc: 2.14 ng/ml



#21 Endrin ketone

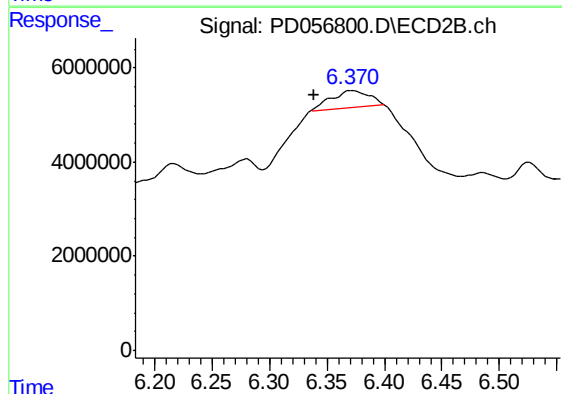
R.T.: 7.700 min  
Delta R.T.: 0.021 min  
Response: 13166207  
Conc: 8.95 ng/ml



#22 Toxaphene-1

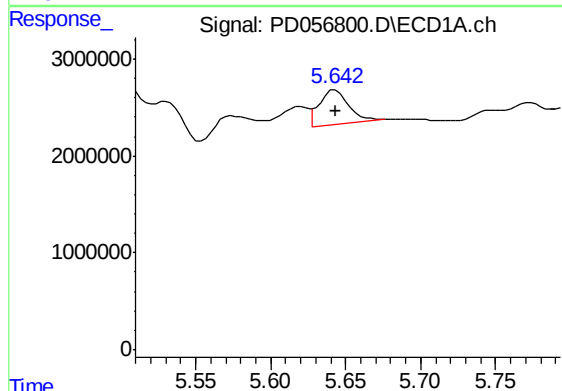
R.T.: 5.503 min  
Delta R.T.: 0.014 min  
Response: 7280867  
Conc: 808.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



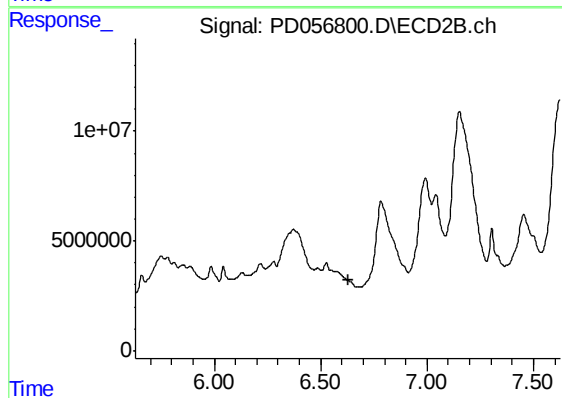
#22 Toxaphene-1

R.T.: 6.371 min  
Delta R.T.: 0.032 min  
Response: 8485449  
Conc: 755.81 ng/ml



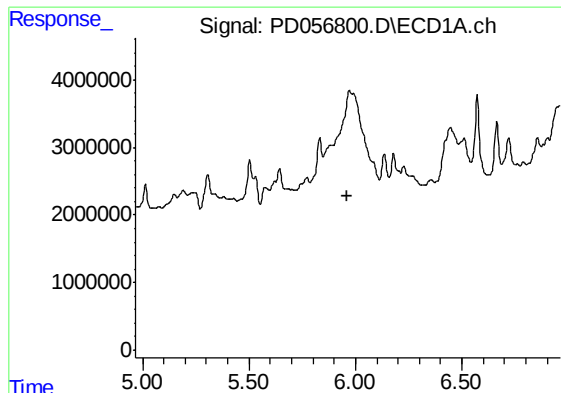
#23 Toxaphene-2

R.T.: 5.643 min  
Delta R.T.: 0.000 min  
Response: 4959012  
Conc: 509.61 ng/ml



#23 Toxaphene-2

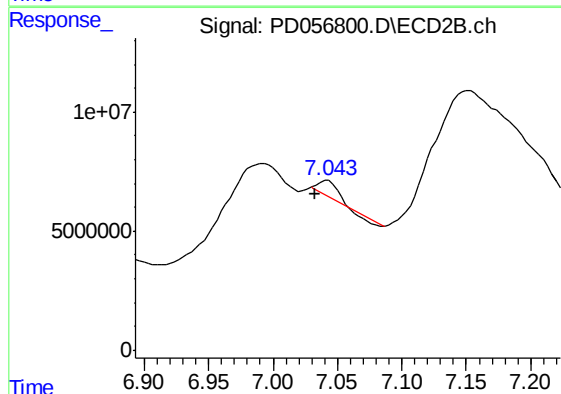
R.T.: 0.000 min  
Exp R.T. : 6.628 min  
Response: 0  
Conc: N.D.



#24 Toxaphene-3

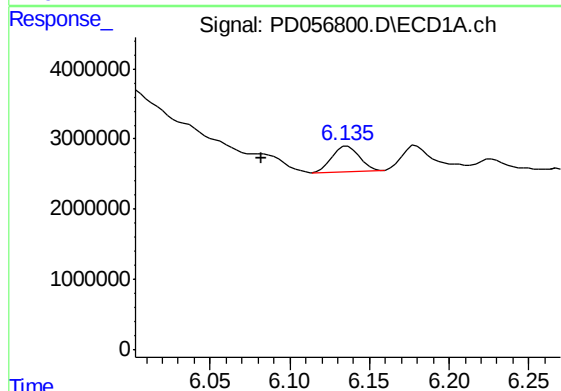
R.T.: 5.972 min  
Delta R.T.: 0.007 min  
Response: -3298577  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



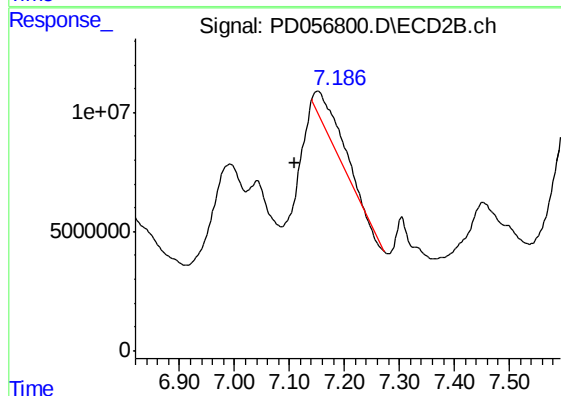
#24 Toxaphene-3

R.T.: 7.043 min  
Delta R.T.: 0.009 min  
Response: 5837751  
Conc: 296.76 ng/ml



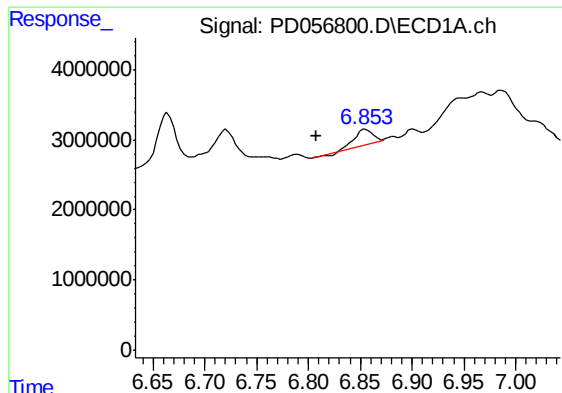
#25 Toxaphene-4

R.T.: 6.136 min  
Delta R.T.: 0.054 min  
Response: 4380685  
Conc: 176.82 ng/ml



#25 Toxaphene-4

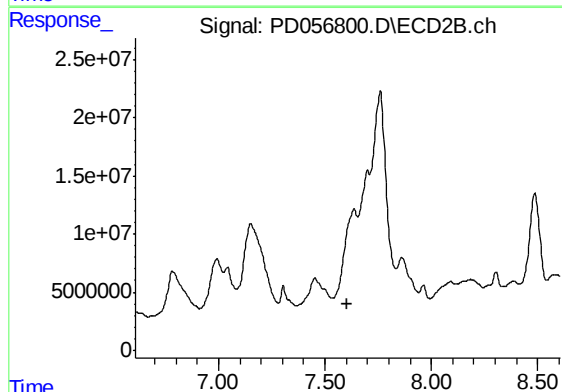
R.T.: 7.153 min  
Delta R.T.: 0.043 min  
Response: 38070306  
Conc: 689.49 ng/ml



#26 Toxaphene-5

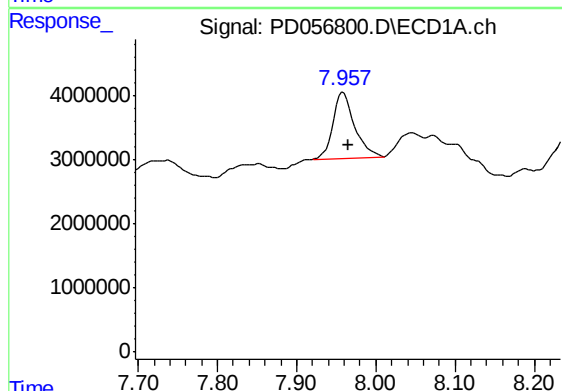
R.T.: 6.856 min  
Delta R.T.: 0.048 min  
Response: 2067890  
Conc: 68.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0C84



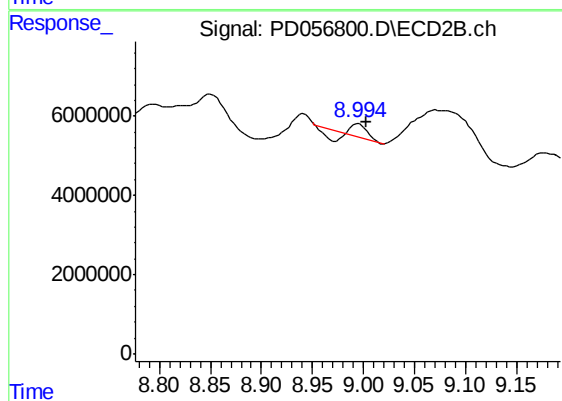
#26 Toxaphene-5

R.T.: 7.638 min  
Delta R.T.: 0.030 min  
Response: -22958341  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 7.959 min  
Delta R.T.: -0.007 min  
Response: 19774671  
Conc: 21.90 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.995 min  
Delta R.T.: -0.007 min  
Response: 1355327  
Conc: 1.13 ng/ml