

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120220\  
 Data File : PD060552.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Dec 2020 20:58  
 Operator : DD\AJ  
 Sample : L4865-22  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0B67

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 03 03:42:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112720CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Nov 28 01:50:00 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... | 3.502  | 4.022  | 8666276  | 27671156 | 7.610  | 7.527    |
| 27)                         | SA Decachlor... | 8.292  | 9.107  | 12657029 | 24327590 | 9.347  | 8.393    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.899f | 4.448f | 454087   | 4460575  | 0.277  | 0.818 #  |
| 3)                          | MA gamma-BHC... | 4.193f | 4.698  | 219687   | 786503   | 0.141  | 0.159    |
| 4)                          | MA Heptachlor   | 4.576f | 5.194  | 475246   | 714616   | 0.304  | 0.147 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.503  | 0        | 5643514  | N.D.   | 1.262    |
| 8)                          | B Heptachlo...  | 5.232  | 5.902  | 4621184  | 7757597  | 3.240  | 2.076 #  |
| 9)                          | A Endosulfan I  | 5.598  | 6.291  | 2964801  | 7149449  | 2.153  | 1.828    |
| 10)                         | B trans-Chl...  | 5.460  | 6.128  | 1109800  | 5297326  | 0.741  | 1.251 #  |
| 11)                         | B cis-Chlor...  | 5.521  | 6.212  | 6515803  | 17452985 | 4.420  | 4.233    |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.363  | 0        | 3229558  | N.D.   | 0.813    |
| 14)                         | MA Endrin       | 6.136f | 0.000  | 664568   | 0        | 0.534  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.360  | 6.948  | 755866   | 4954628  | 0.636  | 1.551 #  |
| 16)                         | A 4,4'-DDD      | 6.229  | 6.860  | 453162   | 8710311  | 0.373  | 2.629 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.129  | 0        | 1565718  | N.D.   | 0.477    |
| 18)                         | B Endrin al...  | 0.000  | 7.021f | 0        | 15458    | N.D.   | <MDL     |
| 19)                         | B Endosulfa...  | 6.747  | 7.289  | 52203553 | 2479953  | 46.082 | 0.788 #  |
| 20)                         | A Methoxychlor  | 7.039f | 7.671f | 4624314  | 3766443  | 7.741  | 2.298 #  |
| 21)                         | B Endrin ke...  | 7.167f | 7.754  | 2763178  | 5429715  | 2.045  | 1.613    |
| 22)                         | Toxaphene-1     | 0.000  | 6.414  | 0        | 2487775  | N.D.   | 93.325   |
| 23)                         | Toxaphene-2     | 5.945  | 6.659  | 536495   | 1377625  | 41.396 | 42.434   |
| 24)                         | Toxaphene-3     | 6.277  | 7.129  | 996844   | 1565718  | 67.515 | 32.522 # |
| 25)                         | Toxaphene-4     | 6.360  | 7.195  | 755866   | 189918   | 22.573 | 1.447 #  |
| 26)                         | Toxaphene-5     | 7.167  | 7.671  | 2763178  | 3766443  | 78.312 | 64.527   |
| -----                       |                 |        |        |          |          |        |          |

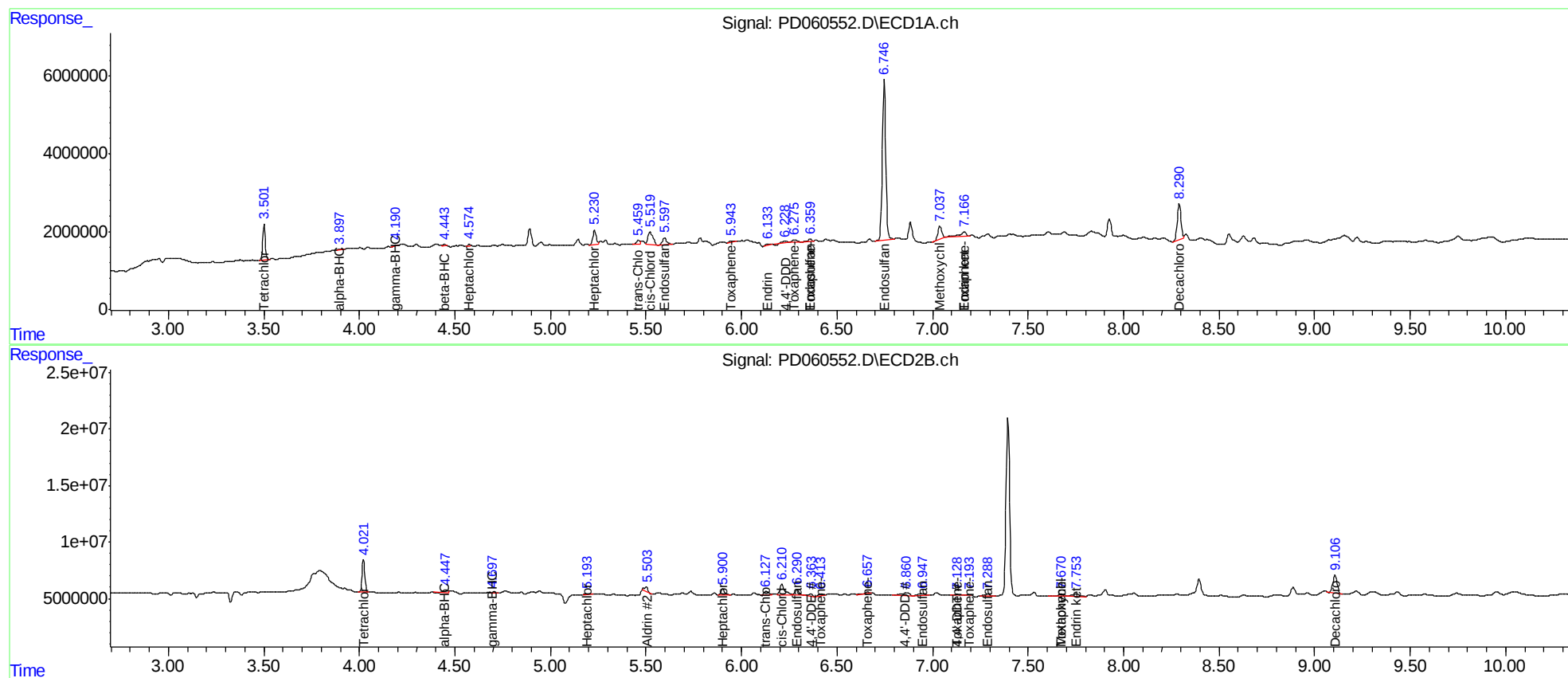
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

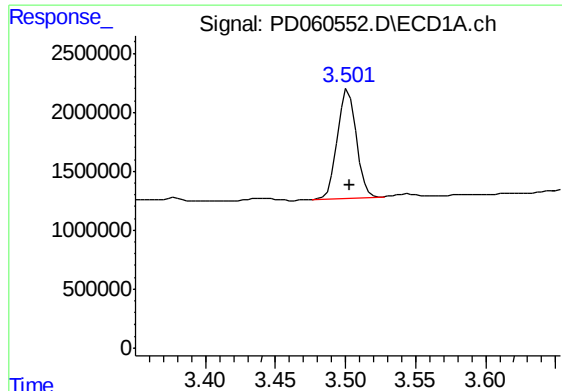
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120220\  
Data File : PD060552.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Dec 2020 20:58  
Operator : DD\AJ  
Sample : L4865-22  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 03 03:42:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD112720CLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Nov 28 01:50:00 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

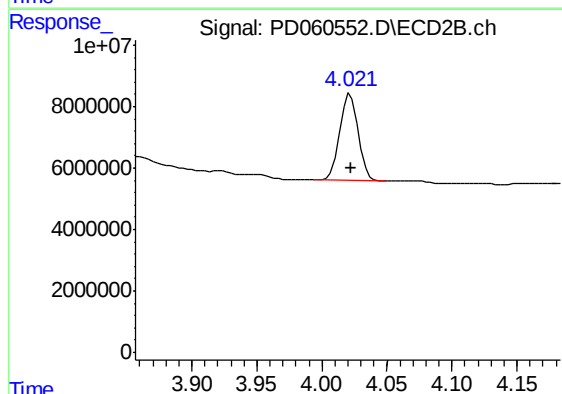




#1 Tetrachloro-m-xylene

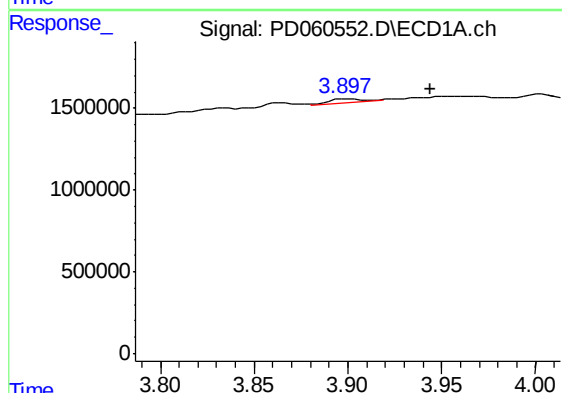
R.T.: 3.502 min  
Delta R.T.: -0.001 min  
Response: 8666276  
Conc: 7.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



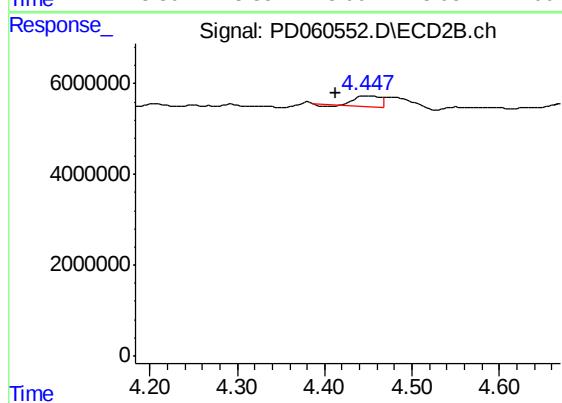
#1 Tetrachloro-m-xylene

R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 27671156  
Conc: 7.53 ng/ml



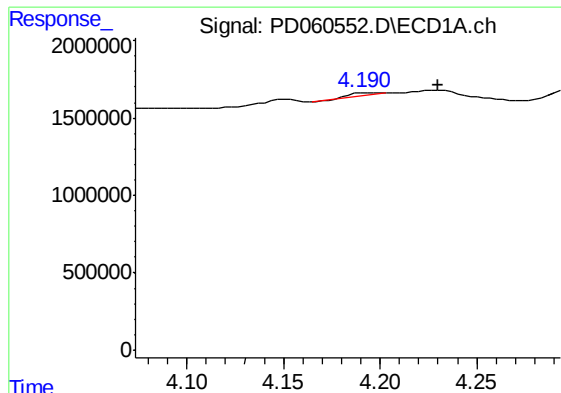
#2 alpha-BHC

R.T.: 3.899 min  
Delta R.T.: -0.045 min  
Response: 454087  
Conc: 0.28 ng/ml



#2 alpha-BHC

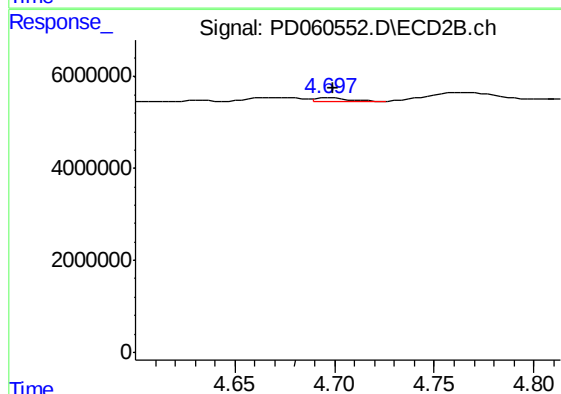
R.T.: 4.448 min  
Delta R.T.: 0.035 min  
Response: 4460575  
Conc: 0.82 ng/ml



#3 gamma-BHC (Lindane)

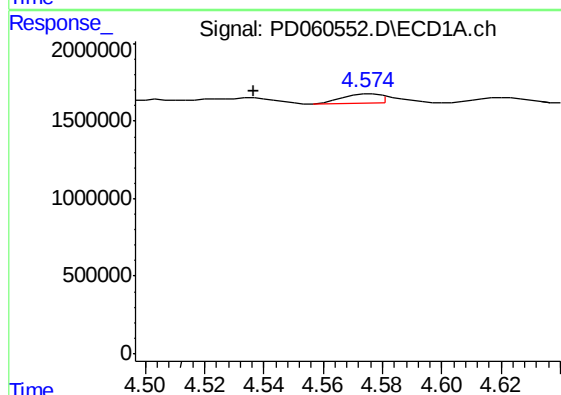
R.T.: 4.193 min  
Delta R.T.: -0.037 min  
Response: 219687  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



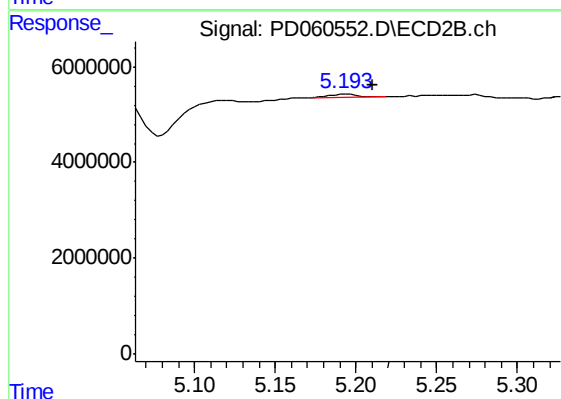
#3 gamma-BHC (Lindane)

R.T.: 4.698 min  
Delta R.T.: 0.000 min  
Response: 786503  
Conc: 0.16 ng/ml



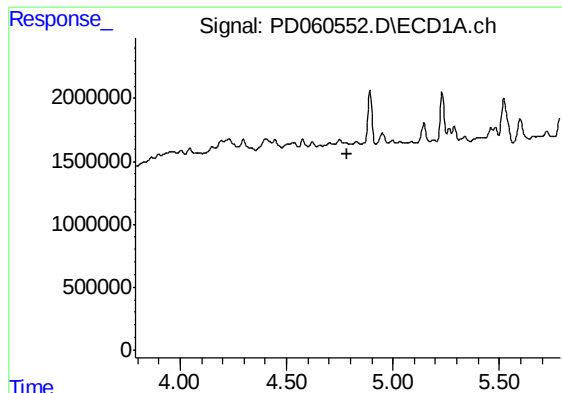
#4 Heptachlor

R.T.: 4.576 min  
Delta R.T.: 0.039 min  
Response: 475246  
Conc: 0.30 ng/ml



#4 Heptachlor

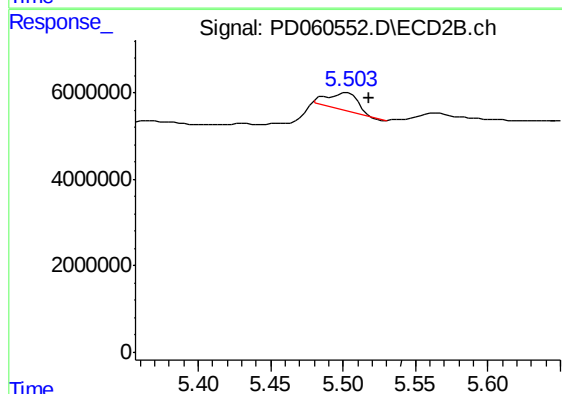
R.T.: 5.194 min  
Delta R.T.: -0.017 min  
Response: 714616  
Conc: 0.15 ng/ml



#5 Aldrin

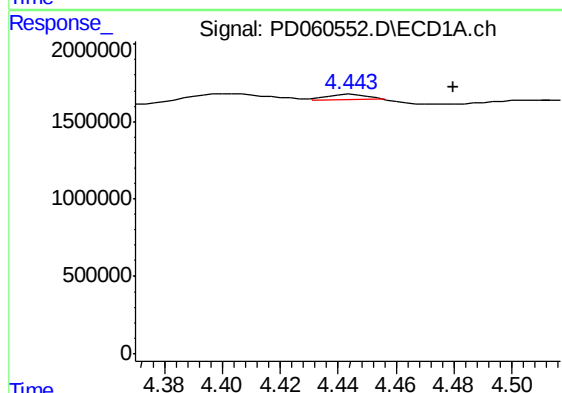
R.T.: 0.000 min  
Exp R.T.: 4.788 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



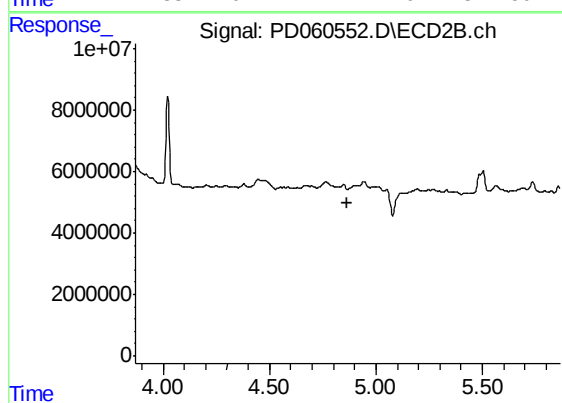
#5 Aldrin

R.T.: 5.503 min  
Delta R.T.: -0.014 min  
Response: 5643514  
Conc: 1.26 ng/ml



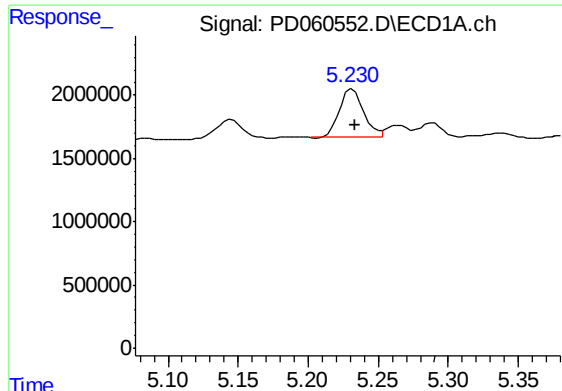
#6 beta-BHC

R.T.: 4.445 min  
Delta R.T.: -0.035 min  
Response: 339963  
Conc: 0.48 ng/ml



#6 beta-BHC

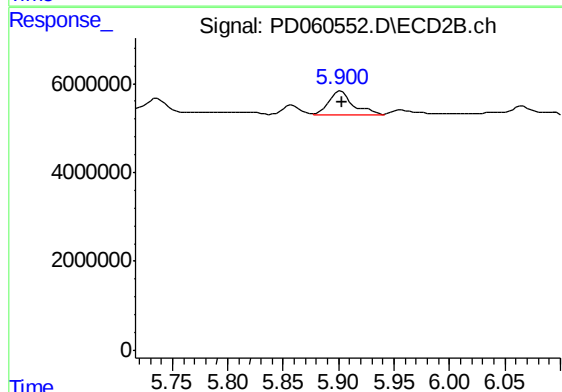
R.T.: 4.899 min  
Delta R.T.: 0.032 min  
Response: -1266344  
Conc: N.D.



#8 Heptachlor epoxide

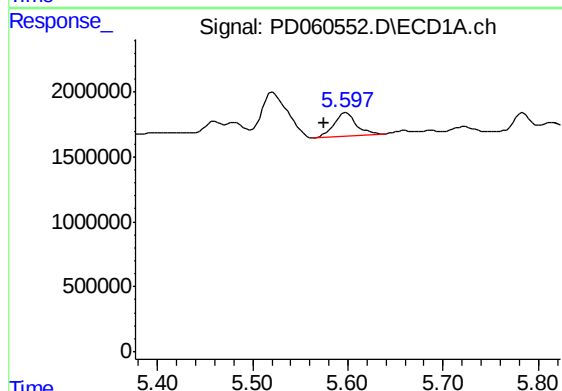
R.T.: 5.232 min  
Delta R.T.: -0.002 min  
Response: 4621184  
Conc: 3.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



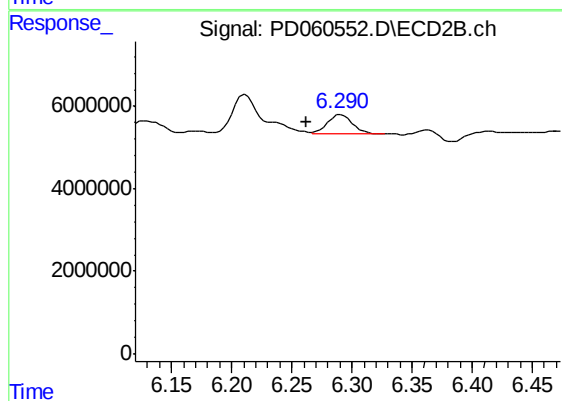
#8 Heptachlor epoxide

R.T.: 5.902 min  
Delta R.T.: -0.002 min  
Response: 7757597  
Conc: 2.08 ng/ml



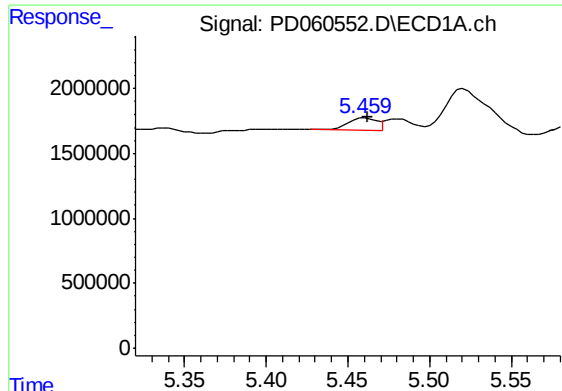
#9 Endosulfan I

R.T.: 5.598 min  
Delta R.T.: 0.023 min  
Response: 2964801  
Conc: 2.15 ng/ml



#9 Endosulfan I

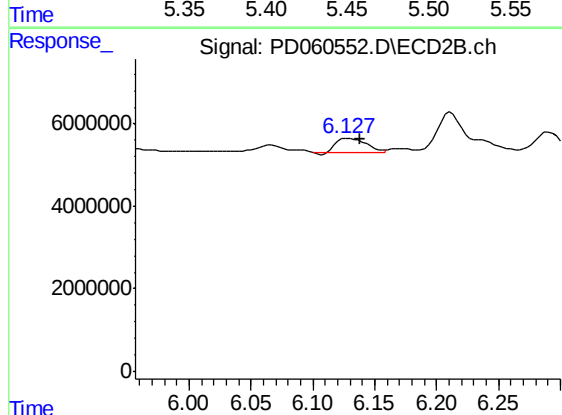
R.T.: 6.291 min  
Delta R.T.: 0.029 min  
Response: 7149449  
Conc: 1.83 ng/ml



#10 trans-Chlordane

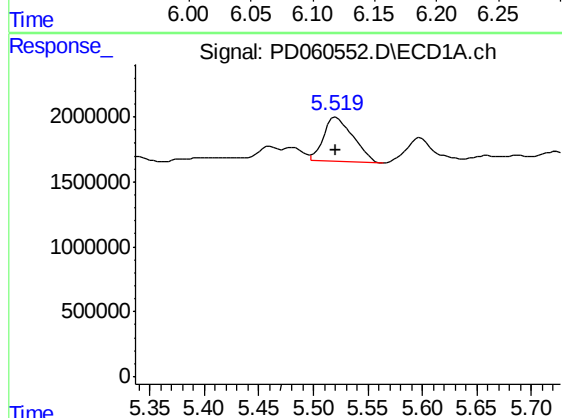
R.T.: 5.460 min  
Delta R.T.: -0.001 min  
Response: 1109800  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



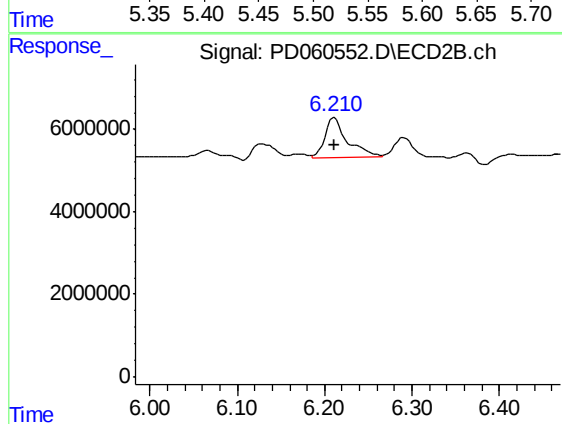
#10 trans-Chlordane

R.T.: 6.128 min  
Delta R.T.: -0.010 min  
Response: 5297326  
Conc: 1.25 ng/ml



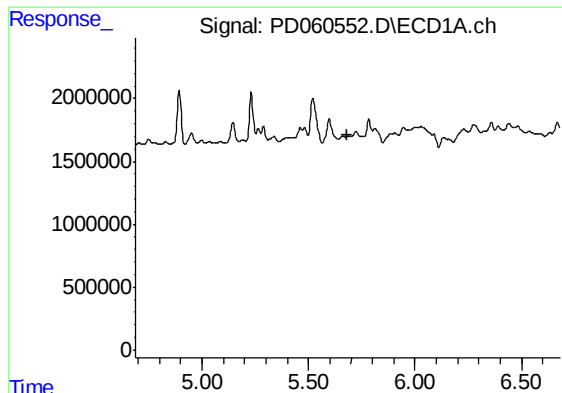
#11 cis-Chlordane

R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 6515803  
Conc: 4.42 ng/ml



#11 cis-Chlordane

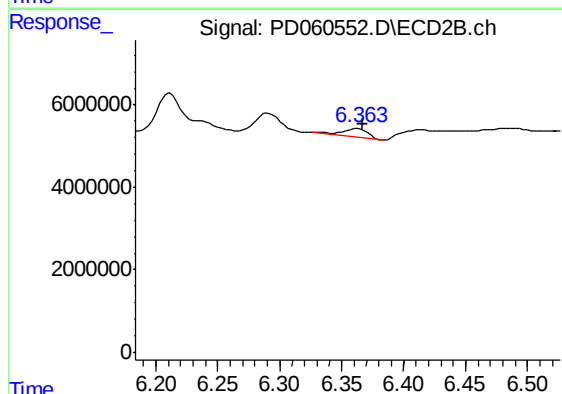
R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 17452985  
Conc: 4.23 ng/ml



#12 4,4'-DDE

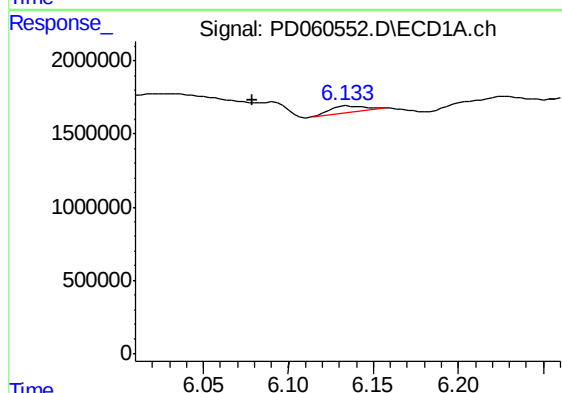
R.T.: 0.000 min  
Exp R.T.: 5.685 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



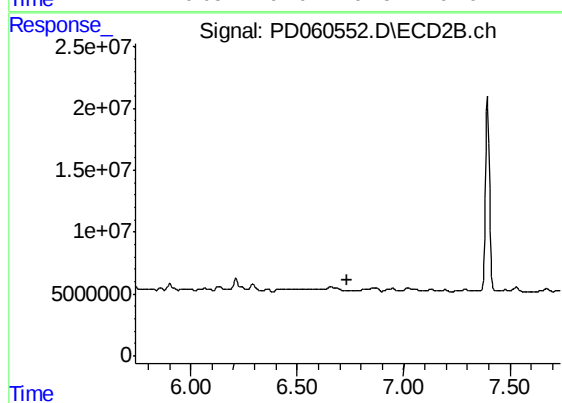
#12 4,4'-DDE

R.T.: 6.363 min  
Delta R.T.: -0.003 min  
Response: 3229558  
Conc: 0.81 ng/ml



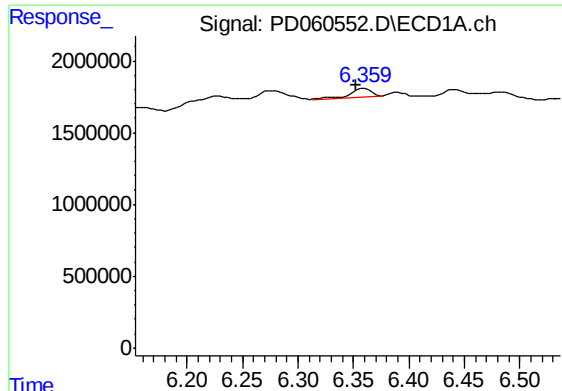
#14 Endrin

R.T.: 6.136 min  
Delta R.T.: 0.057 min  
Response: 664568  
Conc: 0.53 ng/ml



#14 Endrin

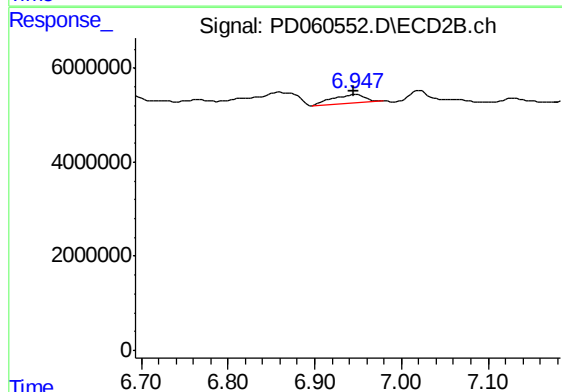
R.T.: 0.000 min  
Exp R.T.: 6.738 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

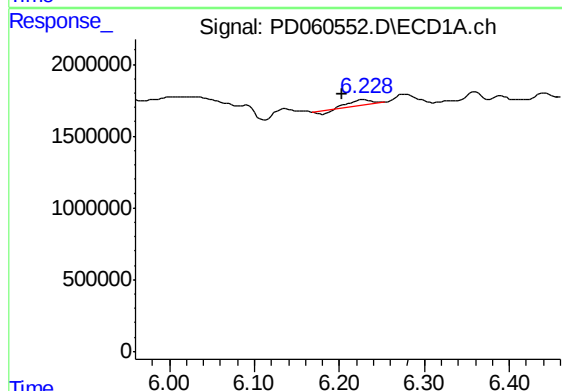
R.T.: 6.360 min  
Delta R.T.: 0.007 min  
Response: 755866  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



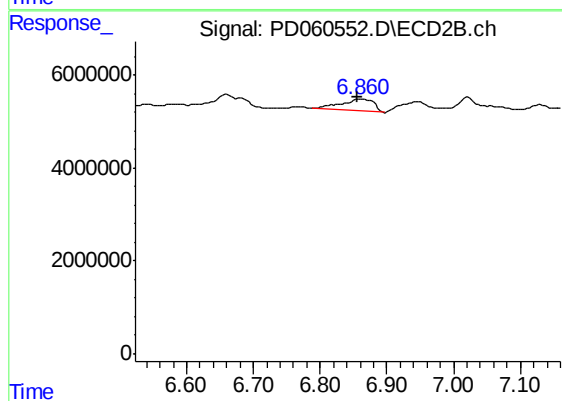
#15 Endosulfan II

R.T.: 6.948 min  
Delta R.T.: 0.003 min  
Response: 4954628  
Conc: 1.55 ng/ml



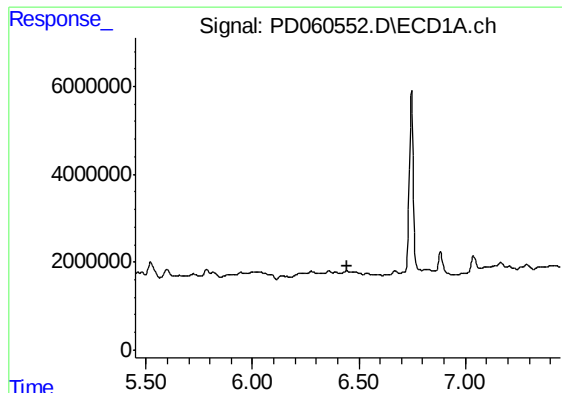
#16 4,4'-DDD

R.T.: 6.229 min  
Delta R.T.: 0.026 min  
Response: 453162  
Conc: 0.37 ng/ml



#16 4,4'-DDD

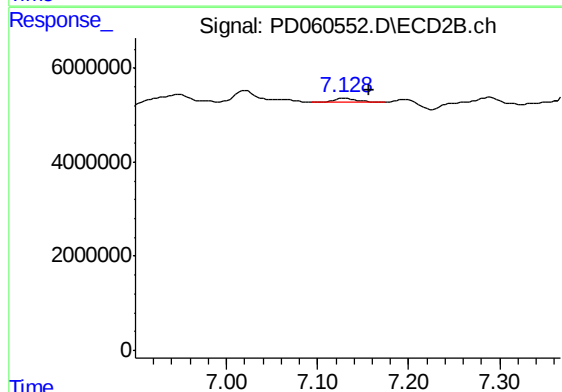
R.T.: 6.860 min  
Delta R.T.: 0.003 min  
Response: 8710311  
Conc: 2.63 ng/ml



#17 4,4'-DDT

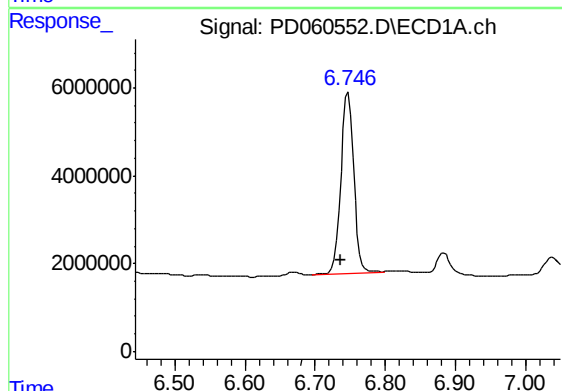
R.T.: 0.000 min  
Exp R.T.: 6.447 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



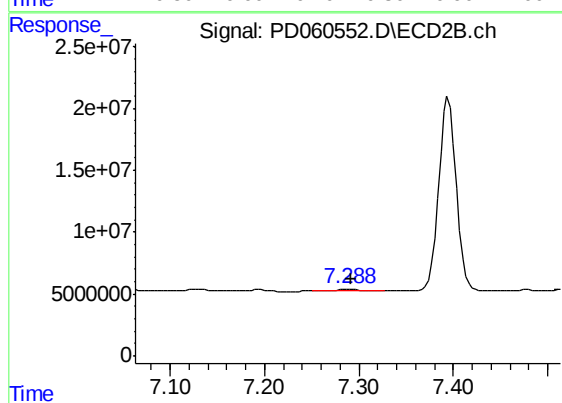
#17 4,4'-DDT

R.T.: 7.129 min  
Delta R.T.: -0.027 min  
Response: 1565718  
Conc: 0.48 ng/ml



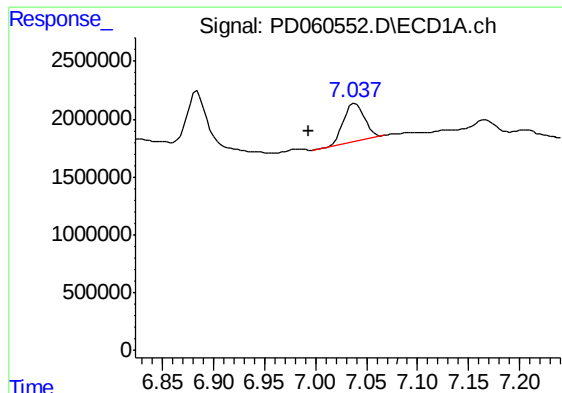
#19 Endosulfan Sulfate

R.T.: 6.747 min  
Delta R.T.: 0.011 min  
Response: 52203553  
Conc: 46.08 ng/ml



#19 Endosulfan Sulfate

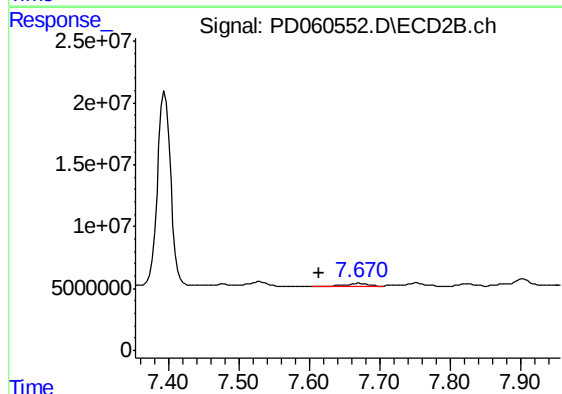
R.T.: 7.289 min  
Delta R.T.: -0.003 min  
Response: 2479953  
Conc: 0.79 ng/ml



#20 Methoxychlor

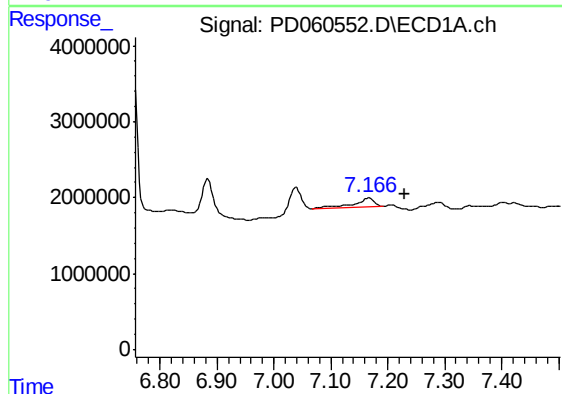
R.T.: 7.039 min  
Delta R.T.: 0.046 min  
Response: 4624314  
Conc: 7.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



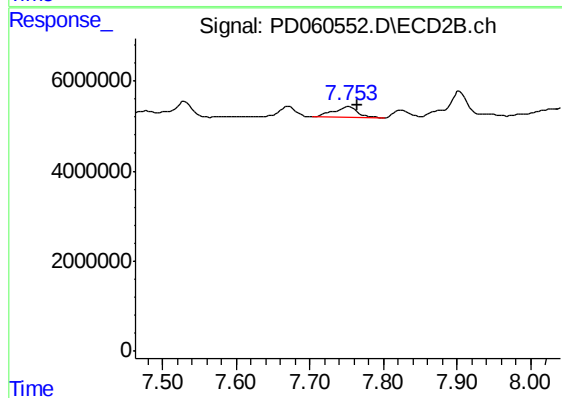
#20 Methoxychlor

R.T.: 7.671 min  
Delta R.T.: 0.058 min  
Response: 3766443  
Conc: 2.30 ng/ml



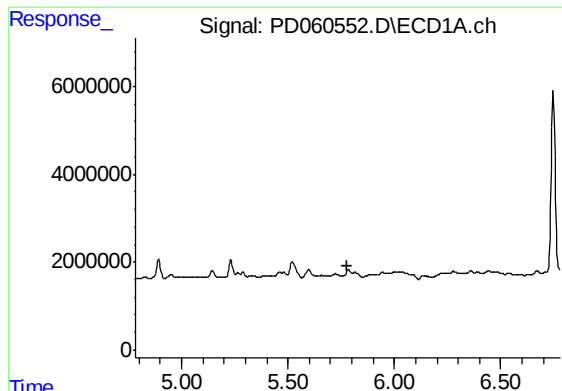
#21 Endrin ketone

R.T.: 7.167 min  
Delta R.T.: -0.063 min  
Response: 2763178  
Conc: 2.05 ng/ml



#21 Endrin ketone

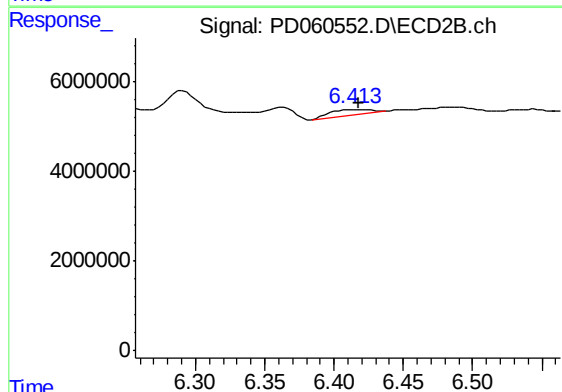
R.T.: 7.754 min  
Delta R.T.: -0.011 min  
Response: 5429715  
Conc: 1.61 ng/ml



#22 Toxaphene-1

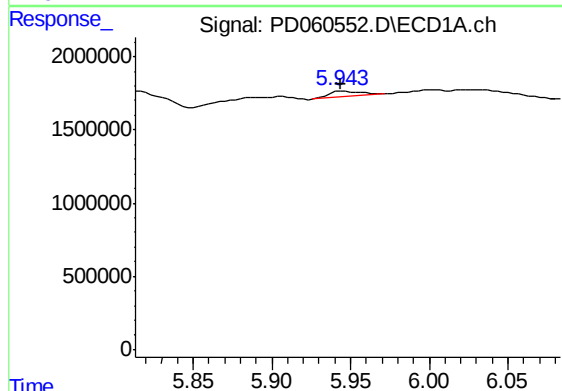
R.T.: 0.000 min  
Exp R.T.: 5.780 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



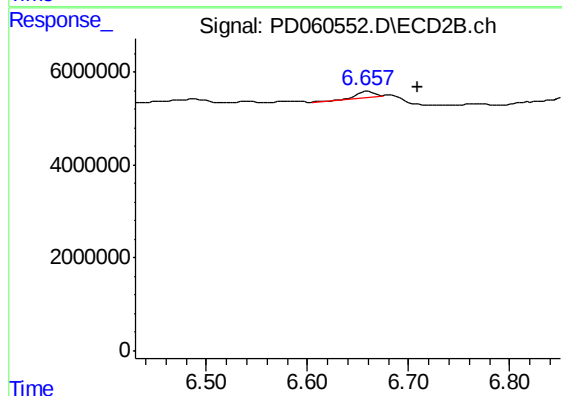
#22 Toxaphene-1

R.T.: 6.414 min  
Delta R.T.: -0.004 min  
Response: 2487775  
Conc: 93.33 ng/ml



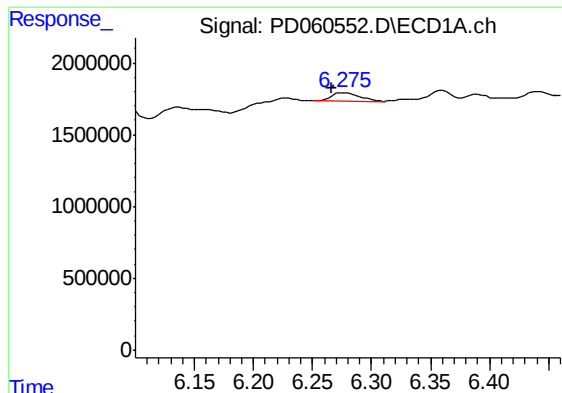
#23 Toxaphene-2

R.T.: 5.945 min  
Delta R.T.: 0.001 min  
Response: 536495  
Conc: 41.40 ng/ml



#23 Toxaphene-2

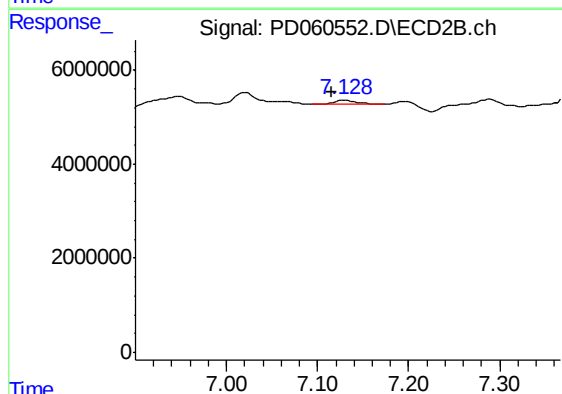
R.T.: 6.659 min  
Delta R.T.: -0.050 min  
Response: 1377625  
Conc: 42.43 ng/ml



#24 Toxaphene-3

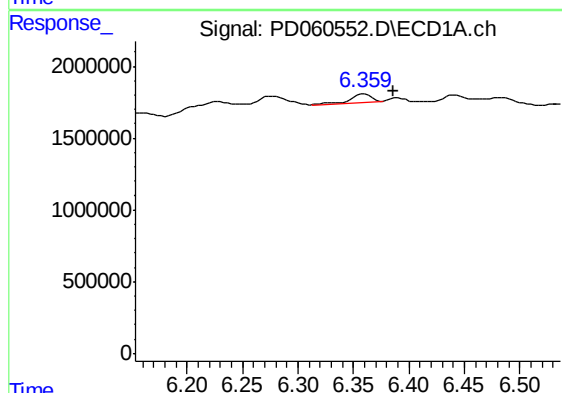
R.T.: 6.277 min  
Delta R.T.: 0.010 min  
Response: 996844  
Conc: 67.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



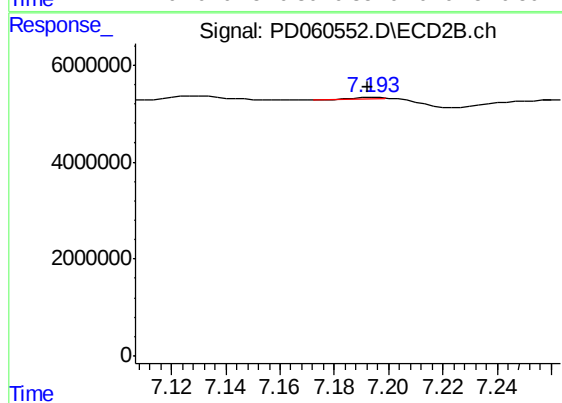
#24 Toxaphene-3

R.T.: 7.129 min  
Delta R.T.: 0.013 min  
Response: 1565718  
Conc: 32.52 ng/ml



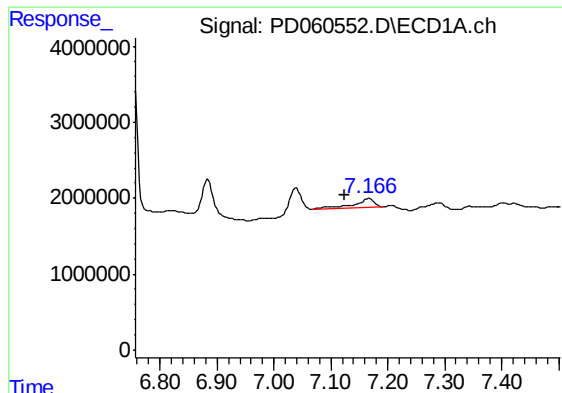
#25 Toxaphene-4

R.T.: 6.360 min  
Delta R.T.: -0.026 min  
Response: 755866  
Conc: 22.57 ng/ml



#25 Toxaphene-4

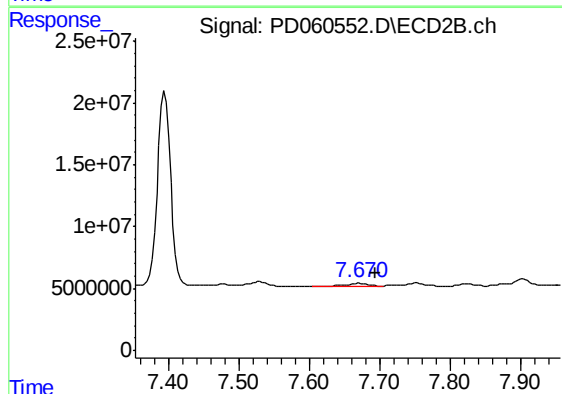
R.T.: 7.195 min  
Delta R.T.: 0.003 min  
Response: 189918  
Conc: 1.45 ng/ml



#26 Toxaphene-5

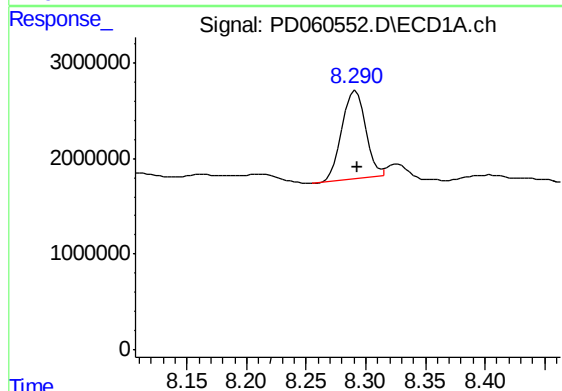
R.T.: 7.167 min  
Delta R.T.: 0.044 min  
Response: 2763178  
Conc: 78.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B67



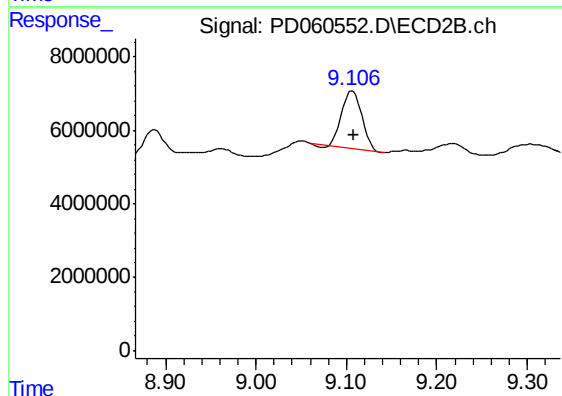
#26 Toxaphene-5

R.T.: 7.671 min  
Delta R.T.: -0.022 min  
Response: 3766443  
Conc: 64.53 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.292 min  
Delta R.T.: -0.001 min  
Response: 12657029  
Conc: 9.35 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.107 min  
Delta R.T.: 0.000 min  
Response: 24327590  
Conc: 8.39 ng/ml