

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120120\  
 Data File : PD060486.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Dec 2020 14:10  
 Operator : DD\AJ  
 Sample : L4862-15MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C0B04MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 02 00:40:44 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... | 3.504  | 4.024  | 18896056 | 63788943 | 16.594    | 17.351      |
| 27)                         | SA Decachlor... | 8.296  | 9.112  | 31980127 | 60319829 | 23.616    | 20.811      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.897f | 4.447f | 1529063  | -576163  | 0.932     | N.D. #      |
| 3)                          | MA gamma-BHC... | 4.231  | 4.700  | 88155972 | 289.4E6  | 56.616    | 58.456      |
| 4)                          | MA Heptachlor   | 4.538  | 5.212  | 89003707 | 267.0E6  | 57.007    | 55.119      |
| 5)                          | MB Aldrin       | 4.789  | 5.519  | 85684894 | 255.0E6  | 56.093    | 57.031      |
| 7)                          | B delta-BHC     | 0.000  | 5.053f | 0        | 911345   | N.D.      | 0.236       |
| 8)                          | B Heptachlo...  | 5.289f | 5.885  | 5088601  | 23212802 | 3.567     | 6.211 #     |
| 9)                          | A Endosulfan I  | 5.597  | 6.298f | 3409833  | 8876781  | 2.476     | 2.269       |
| 10)                         | B trans-Chl...  | 5.481  | 6.124  | 816811   | 938333   | 0.545     | 0.222 #     |
| 11)                         | B cis-Chlor...  | 5.481f | 6.215  | 816811   | 3257094  | 0.554     | 0.790 #     |
| 12)                         | B 4,4'-DDE      | 5.686  | 6.367  | 2124466  | 11392827 | 1.487     | 2.868 #     |
| 13)                         | MA Dieldrin     | 5.822  | 6.521  | 177.5E6  | 481.3E6  | 116.615   | 113.453     |
| 14)                         | MA Endrin       | 6.081  | 6.739  | 139.9E6  | 418.1E6  | 112.369   | 120.518     |
| 15)                         | B Endosulfa...  | 6.339  | 6.957  | 8187002  | -2455307 | 6.888     | N.D. #      |
| 16)                         | A 4,4'-DDD      | 6.206  | 6.864  | 2291186  | 41771448 | 1.883     | 12.608 #    |
| 17)                         | MA 4,4'-DDT     | 6.448  | 7.159  | 160.9E6  | 414.7E6  | 131.704   | 126.331     |
| 18)                         | B Endrin al...  | 6.584f | 7.072  | 828901   | 5234899  | 0.829     | 1.938 #     |
| 19)                         | B Endosulfa...  | 6.735  | 7.270  | -457802  | 3507353  | N.D.      | 1.114       |
| 20)                         | A Methoxychlor  | 6.981  | 7.608  | 1597616  | 494738   | 2.674     | 0.302 #     |
| 21)                         | B Endrin ke...  | 7.232  | 7.766  | 2560792  | 8594005  | 1.895     | 2.553 #     |
| 22)                         | Toxaphene-1     | 5.822  | 6.412  | 177.5E6  | 6135540  | 14053.289 | 230.166 #   |
| 23)                         | Toxaphene-2     | 5.942  | 6.739  | 6310129  | 418.1E6  | 486.894   | 12878.463 # |
| 24)                         | Toxaphene-3     | 6.271  | 7.159  | 5028496  | 414.7E6  | 340.572   | 8614.525 #  |
| 25)                         | Toxaphene-4     | 6.394  | 7.159  | 1156433  | 414.7E6  | 34.535    | 3159.580 #  |
| 26)                         | Toxaphene-5     | 7.171  | 7.662  | 4187642  | 11904875 | 118.682   | 203.954 #   |
| -----                       |                 |        |        |          |          |           |             |

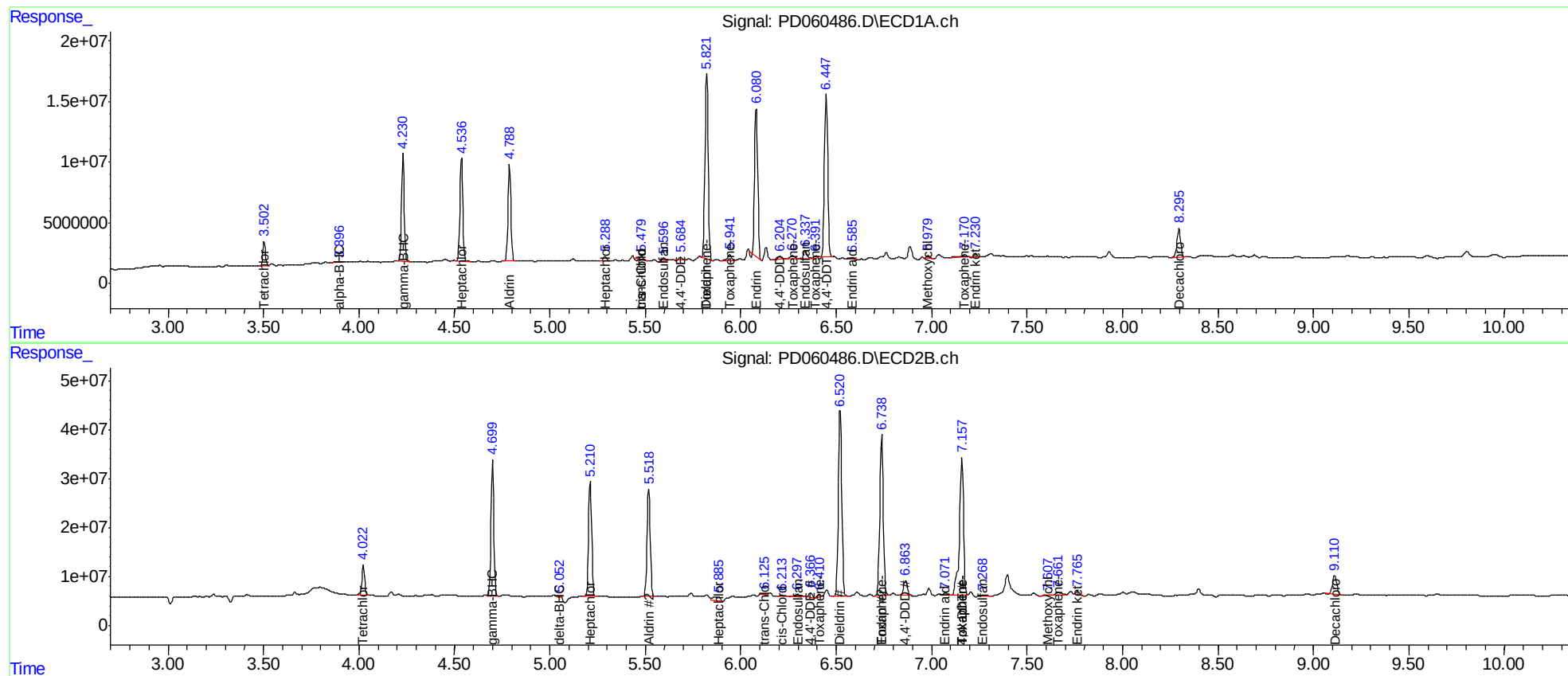
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

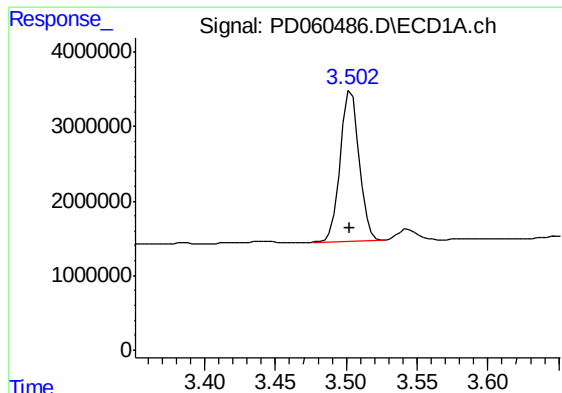
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120120\  
Data File : PD060486.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Dec 2020 14:10  
Operator : DD\AJ  
Sample : L4862-15MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 02 00:40:44 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

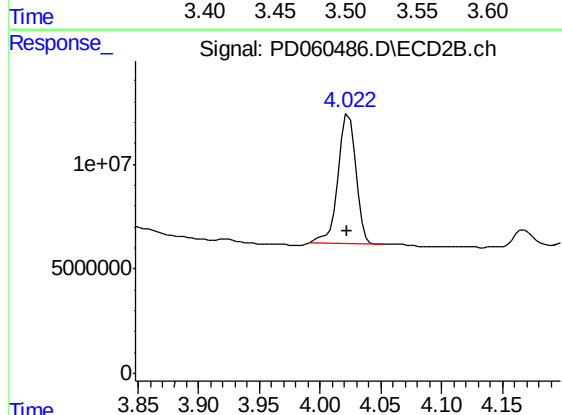




#1 Tetrachloro-m-xylene

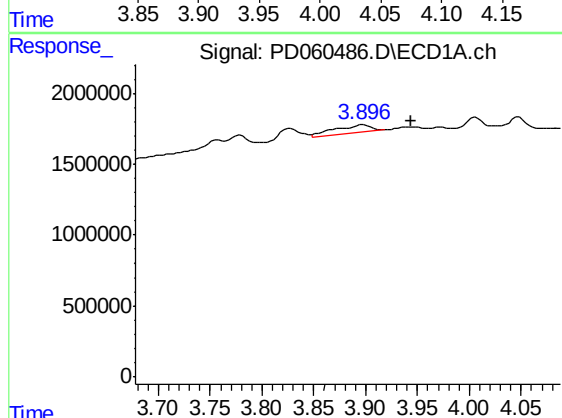
R.T.: 3.504 min  
Delta R.T.: 0.000 min  
Response: 18896056  
Conc: 16.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



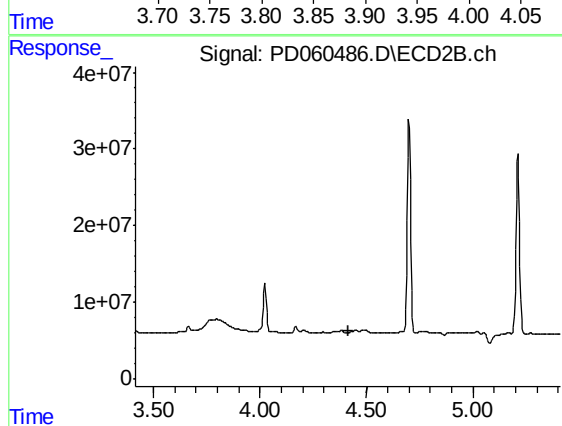
#1 Tetrachloro-m-xylene

R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 63788943  
Conc: 17.35 ng/ml



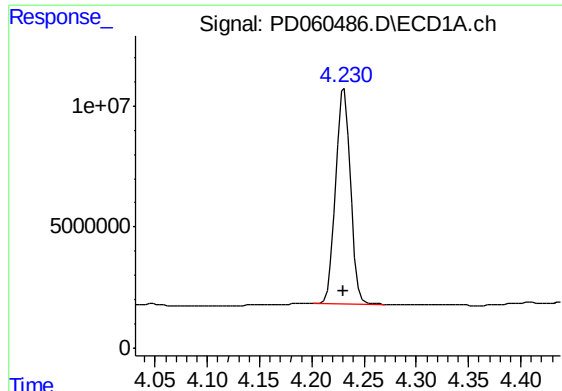
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: -0.047 min  
Response: 1529063  
Conc: 0.93 ng/ml



#2 alpha-BHC

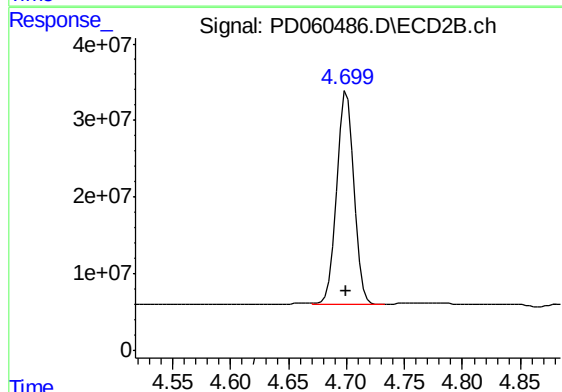
R.T.: 4.447 min  
Delta R.T.: 0.034 min  
Response: -576163  
Conc: N.D.



#3 gamma-BHC (Lindane)

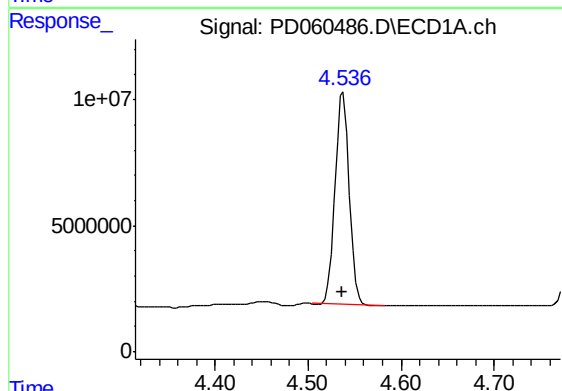
R.T.: 4.231 min  
Delta R.T.: 0.001 min  
Response: 88155972  
Conc: 56.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



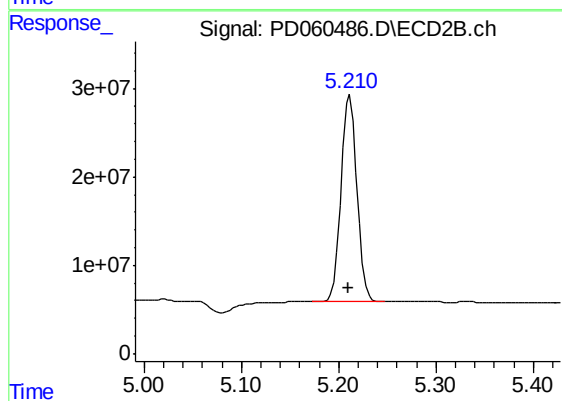
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.001 min  
Response: 289388613  
Conc: 58.46 ng/ml



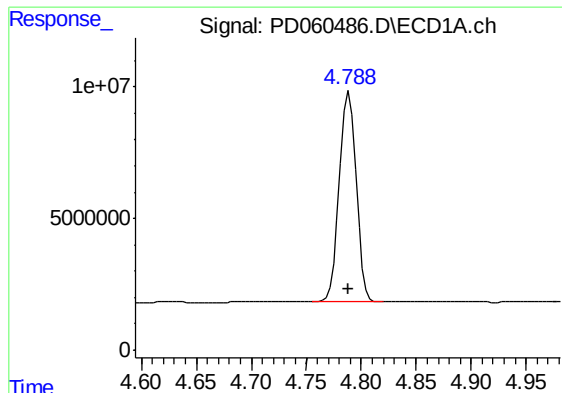
#4 Heptachlor

R.T.: 4.538 min  
Delta R.T.: 0.001 min  
Response: 89003707  
Conc: 57.01 ng/ml



#4 Heptachlor

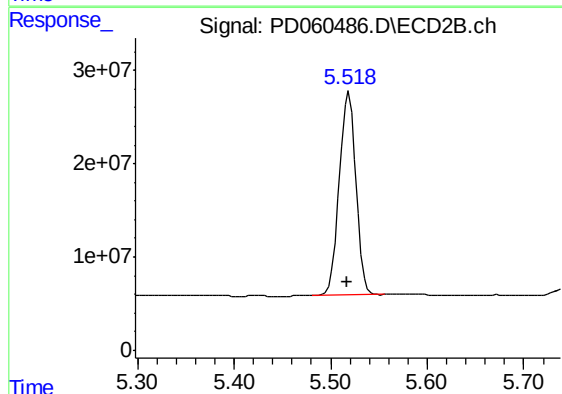
R.T.: 5.212 min  
Delta R.T.: 0.001 min  
Response: 267045215  
Conc: 55.12 ng/ml



#5 Aldrin

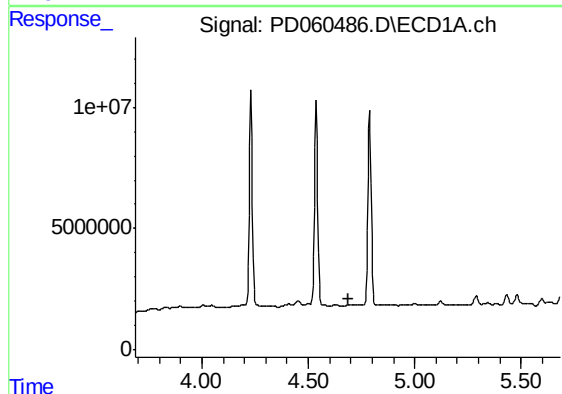
R.T.: 4.789 min  
Delta R.T.: 0.001 min  
Response: 85684894  
Conc: 56.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



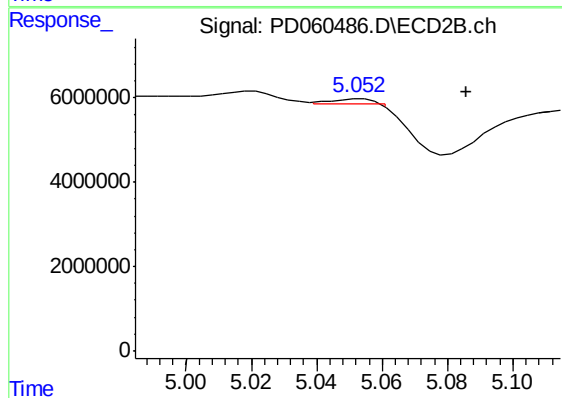
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.001 min  
Response: 255046831  
Conc: 57.03 ng/ml



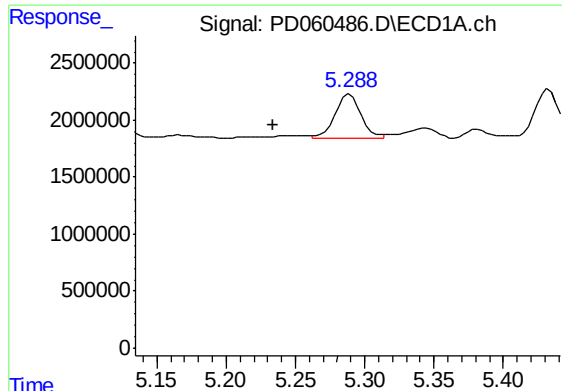
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.688 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

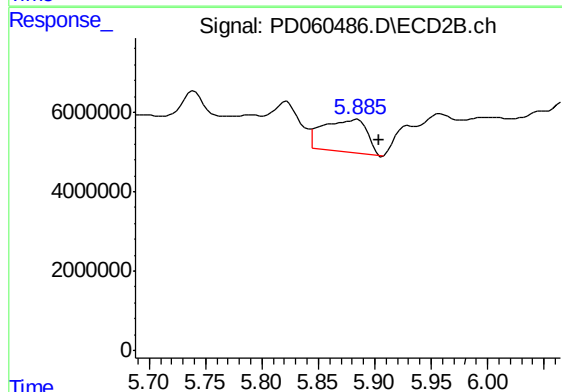
R.T.: 5.053 min  
Delta R.T.: -0.032 min  
Response: 911345  
Conc: 0.24 ng/ml



#8 Heptachlor epoxide

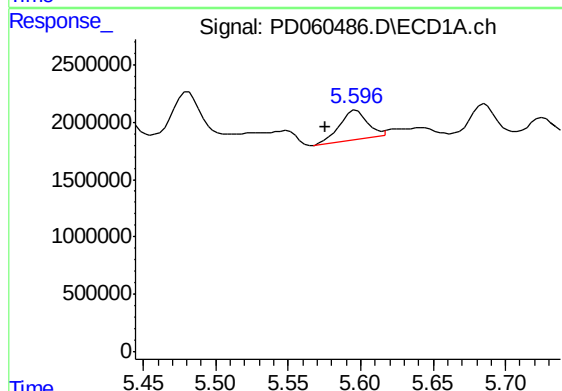
R.T.: 5.289 min  
Delta R.T.: 0.056 min  
Response: 5088601  
Conc: 3.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



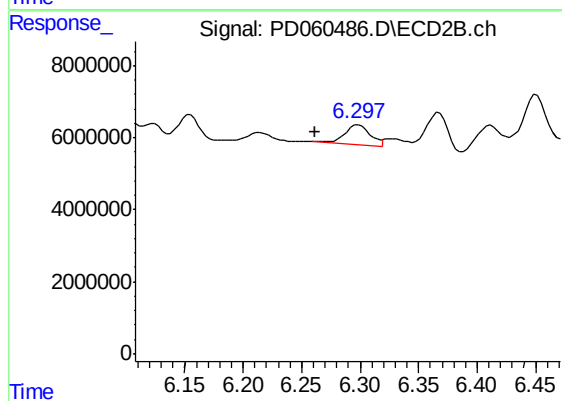
#8 Heptachlor epoxide

R.T.: 5.885 min  
Delta R.T.: -0.019 min  
Response: 23212802  
Conc: 6.21 ng/ml



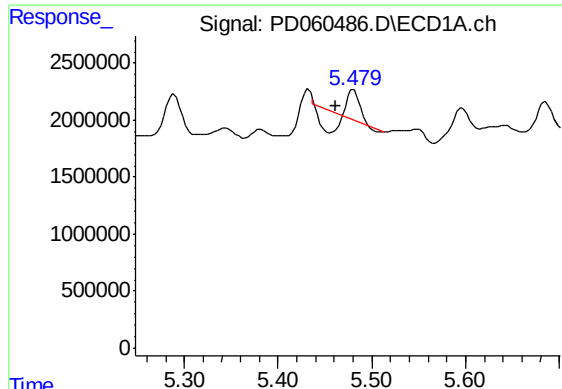
#9 Endosulfan I

R.T.: 5.597 min  
Delta R.T.: 0.022 min  
Response: 3409833  
Conc: 2.48 ng/ml



#9 Endosulfan I

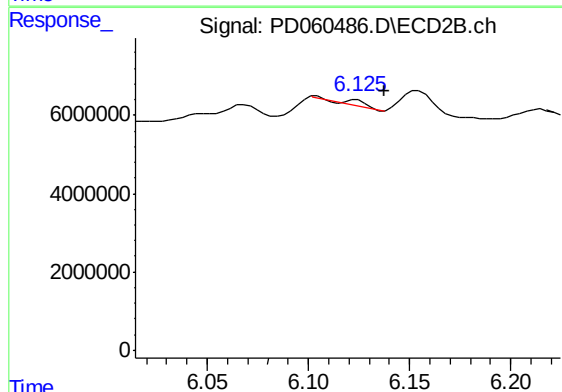
R.T.: 6.298 min  
Delta R.T.: 0.036 min  
Response: 8876781  
Conc: 2.27 ng/ml



#10 trans-Chlordane

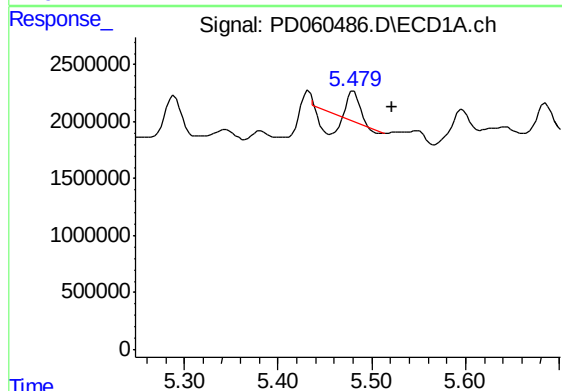
R.T.: 5.481 min  
Delta R.T.: 0.019 min  
Response: 816811  
Conc: 0.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



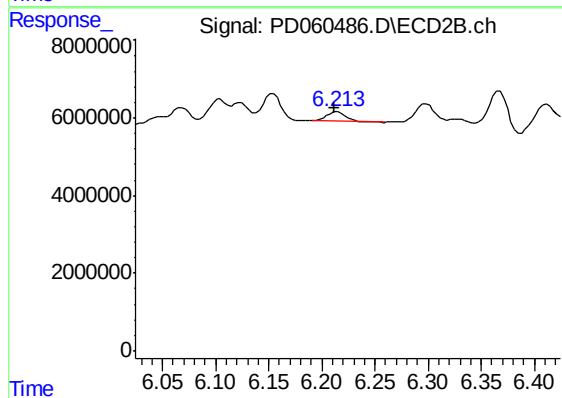
#10 trans-Chlordane

R.T.: 6.124 min  
Delta R.T.: -0.014 min  
Response: 938333  
Conc: 0.22 ng/ml



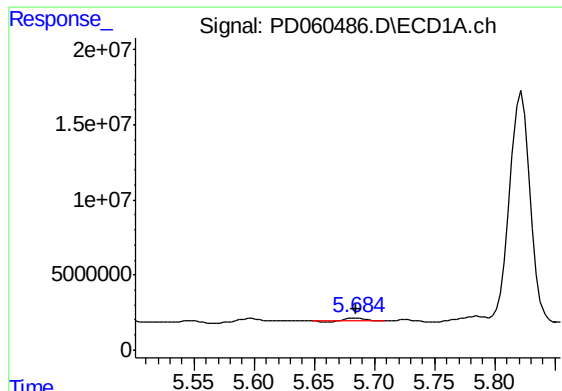
#11 cis-Chlordane

R.T.: 5.481 min  
Delta R.T.: -0.040 min  
Response: 816811  
Conc: 0.55 ng/ml



#11 cis-Chlordane

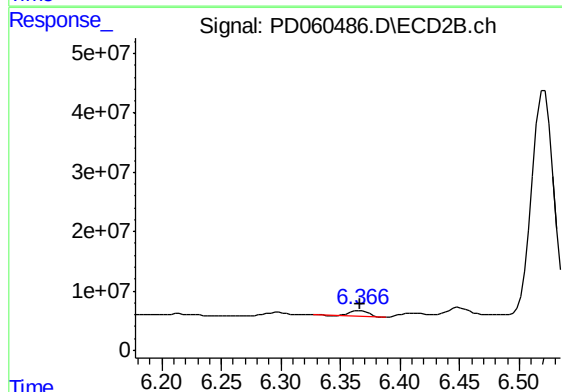
R.T.: 6.215 min  
Delta R.T.: 0.003 min  
Response: 3257094  
Conc: 0.79 ng/ml



#12 4,4'-DDE

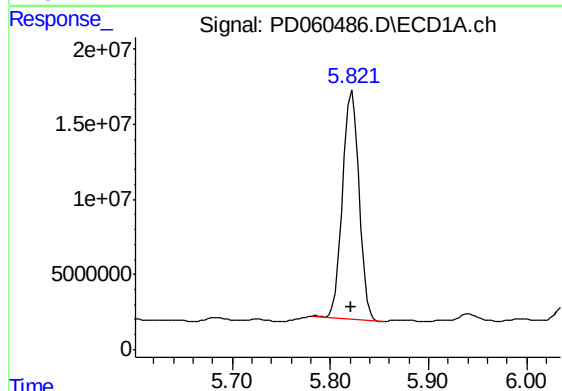
R.T.: 5.686 min  
Delta R.T.: 0.000 min  
Response: 2124466  
Conc: 1.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



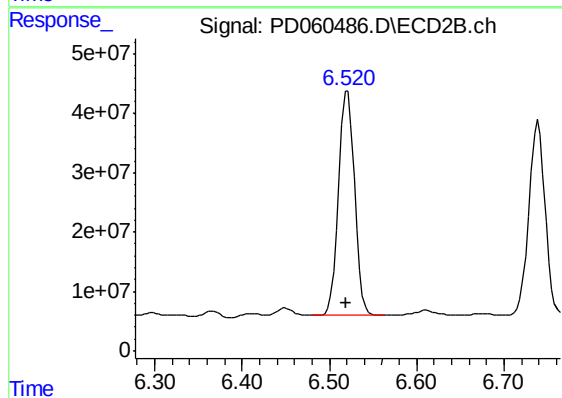
#12 4,4'-DDE

R.T.: 6.367 min  
Delta R.T.: 0.000 min  
Response: 11392827  
Conc: 2.87 ng/ml



#13 Dieldrin

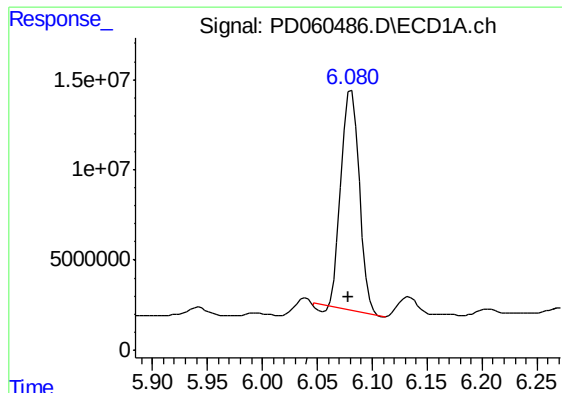
R.T.: 5.822 min  
Delta R.T.: 0.002 min  
Response: 177495304  
Conc: 116.62 ng/ml



#13 Dieldrin

R.T.: 6.521 min  
Delta R.T.: 0.001 min  
Response: 481252262  
Conc: 113.45 ng/ml

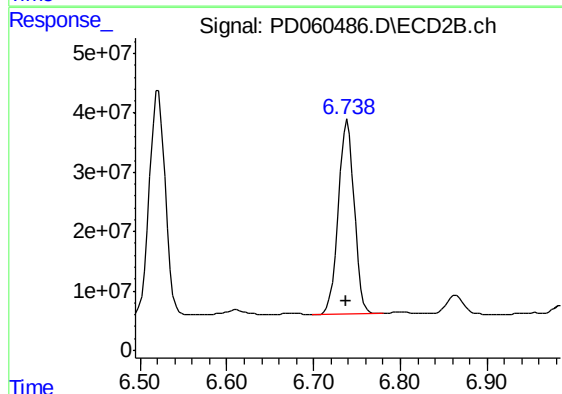




#14 Endrin

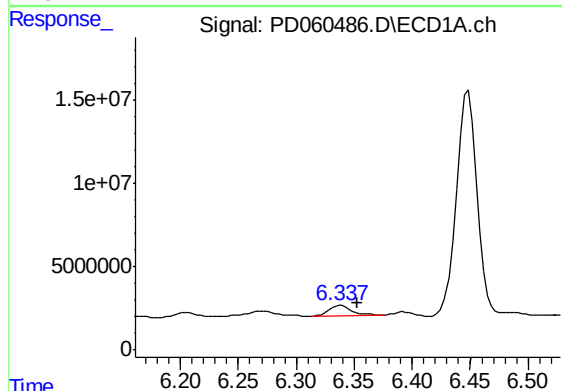
R.T.: 6.081 min  
Delta R.T.: 0.003 min  
Response: 139872494  
Conc: 112.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



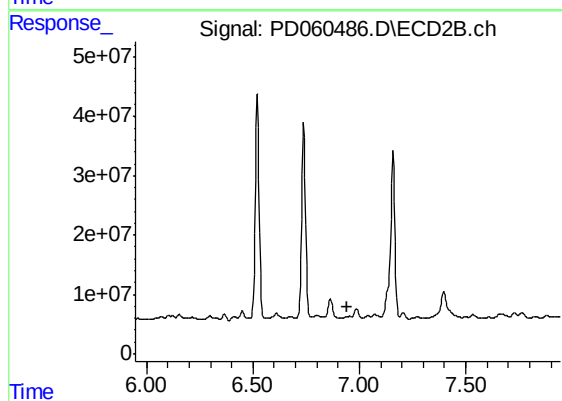
#14 Endrin

R.T.: 6.739 min  
Delta R.T.: 0.001 min  
Response: 418098267  
Conc: 120.52 ng/ml



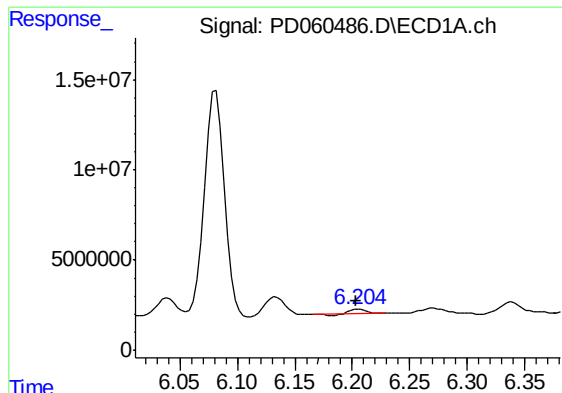
#15 Endosulfan II

R.T.: 6.339 min  
Delta R.T.: -0.014 min  
Response: 8187002  
Conc: 6.89 ng/ml



#15 Endosulfan II

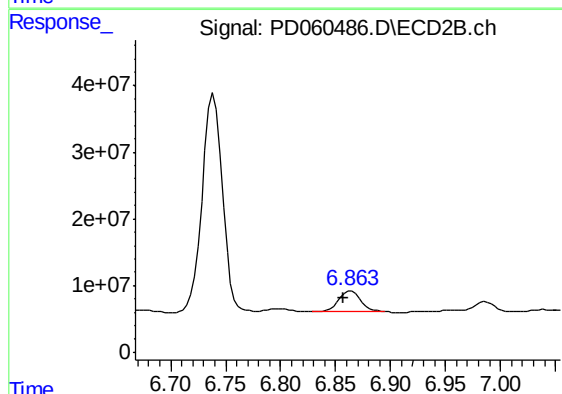
R.T.: 6.957 min  
Delta R.T.: 0.012 min  
Response: -2455307  
Conc: N.D.



#16 4,4'-DDD

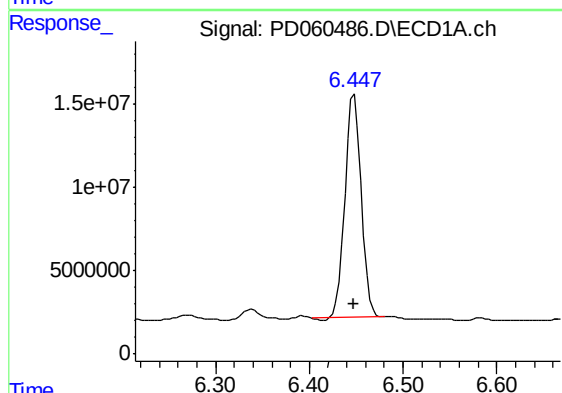
R.T.: 6.206 min  
Delta R.T.: 0.003 min  
Response: 2291186  
Conc: 1.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



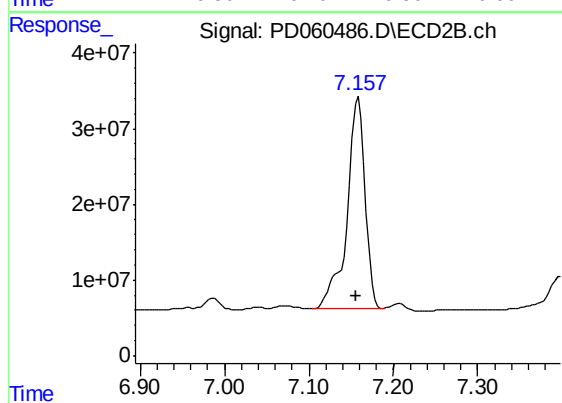
#16 4,4'-DDD

R.T.: 6.864 min  
Delta R.T.: 0.007 min  
Response: 41771448  
Conc: 12.61 ng/ml



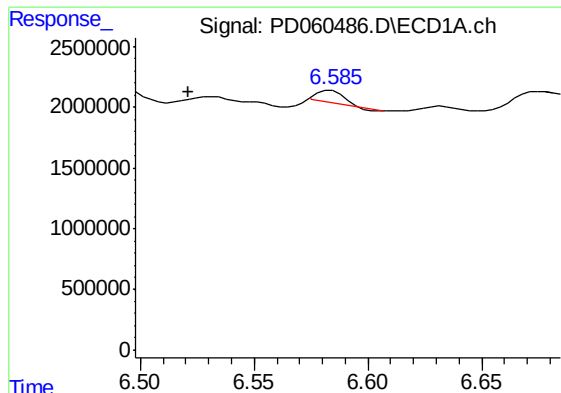
#17 4,4'-DDT

R.T.: 6.448 min  
Delta R.T.: 0.001 min  
Response: 160878413  
Conc: 131.70 ng/ml



#17 4,4'-DDT

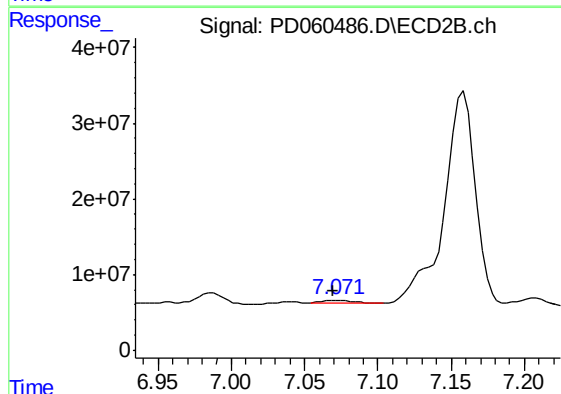
R.T.: 7.159 min  
Delta R.T.: 0.002 min  
Response: 414737988  
Conc: 126.33 ng/ml



#18 Endrin aldehyde

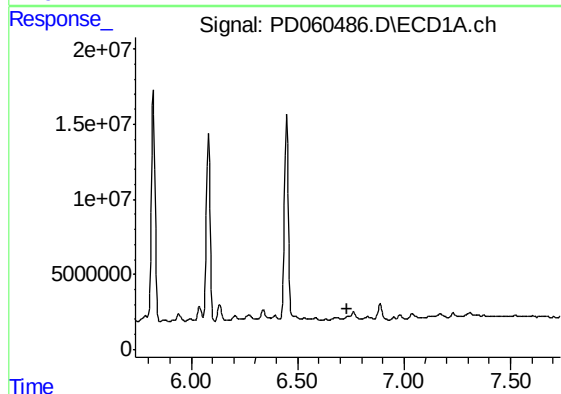
R.T.: 6.584 min  
Delta R.T.: 0.063 min  
Response: 828901  
Conc: 0.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



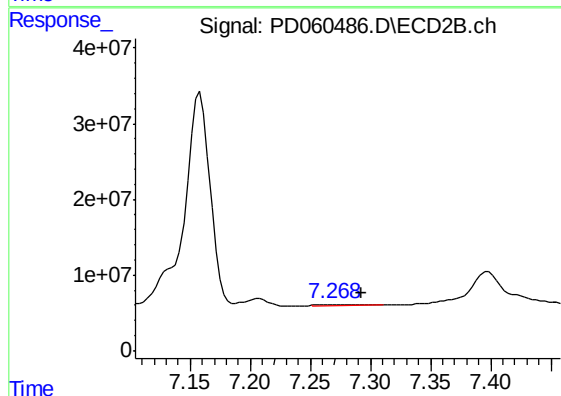
#18 Endrin aldehyde

R.T.: 7.072 min  
Delta R.T.: 0.003 min  
Response: 5234899  
Conc: 1.94 ng/ml



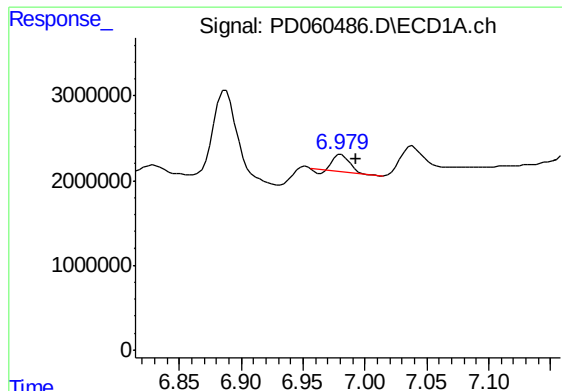
#19 Endosulfan Sulfate

R.T.: 6.735 min  
Delta R.T.: 0.000 min  
Response: -457802  
Conc: N.D.



#19 Endosulfan Sulfate

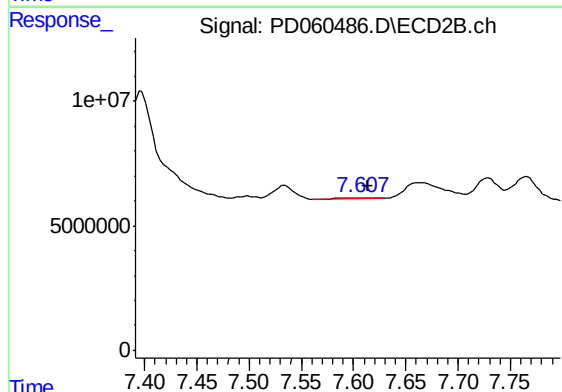
R.T.: 7.270 min  
Delta R.T.: -0.023 min  
Response: 3507353  
Conc: 1.11 ng/ml



#20 Methoxychlor

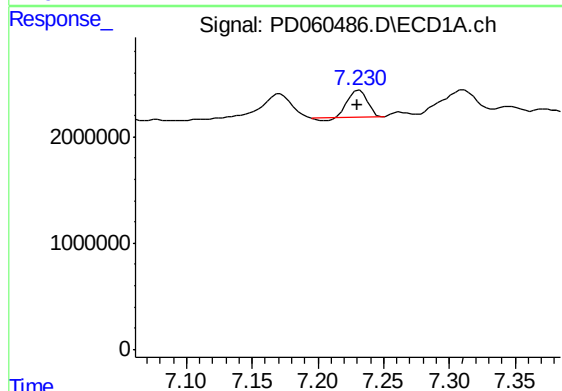
R.T.: 6.981 min  
Delta R.T.: -0.012 min  
Response: 1597616  
Conc: 2.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



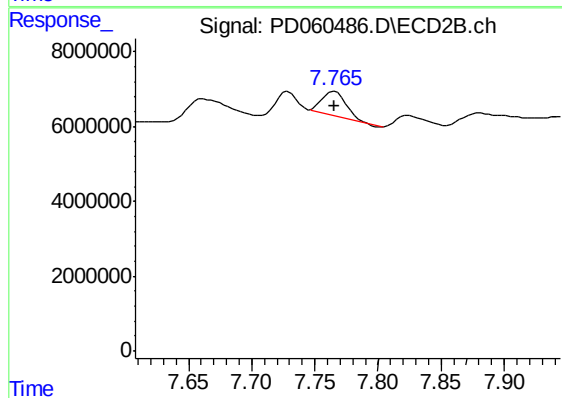
#20 Methoxychlor

R.T.: 7.608 min  
Delta R.T.: -0.005 min  
Response: 494738  
Conc: 0.30 ng/ml



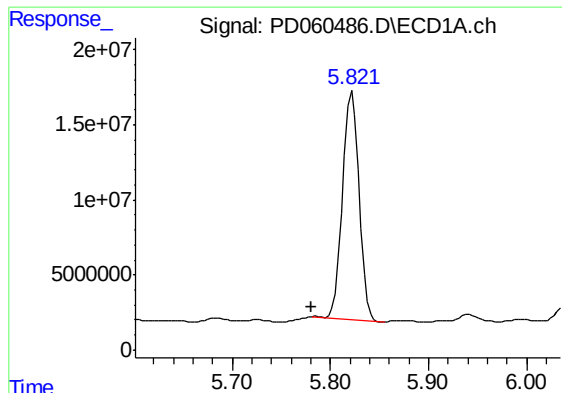
#21 Endrin ketone

R.T.: 7.232 min  
Delta R.T.: 0.002 min  
Response: 2560792  
Conc: 1.90 ng/ml



#21 Endrin ketone

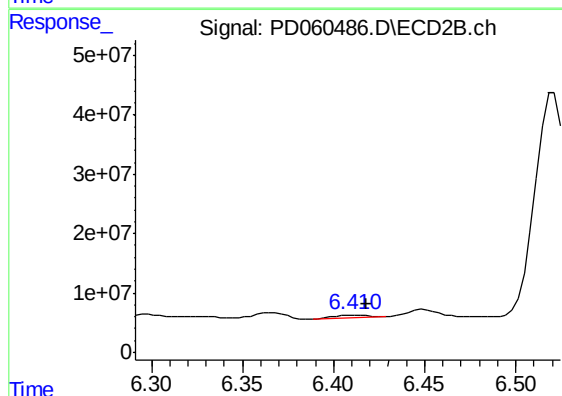
R.T.: 7.766 min  
Delta R.T.: 0.000 min  
Response: 8594005  
Conc: 2.55 ng/ml



#22 Toxaphene-1

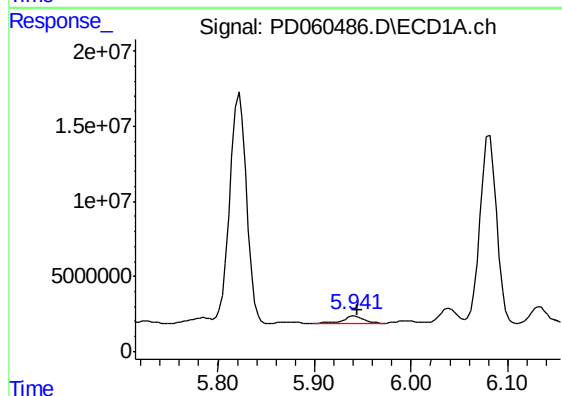
R.T.: 5.822 min  
Delta R.T.: 0.042 min  
Response: 177495304  
Conc: 14053.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



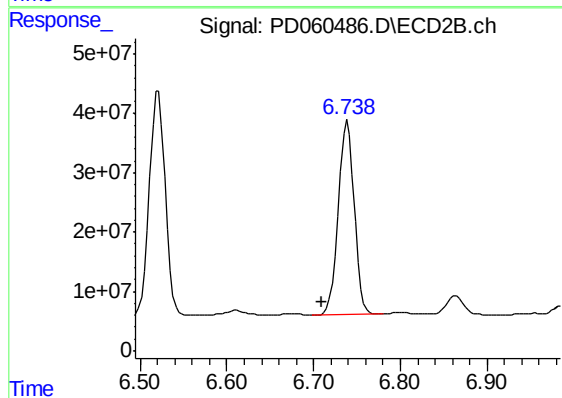
#22 Toxaphene-1

R.T.: 6.412 min  
Delta R.T.: -0.006 min  
Response: 6135540  
Conc: 230.17 ng/ml



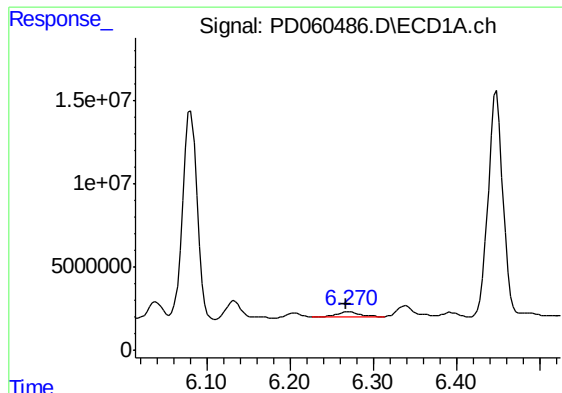
#23 Toxaphene-2

R.T.: 5.942 min  
Delta R.T.: -0.002 min  
Response: 6310129  
Conc: 486.89 ng/ml



#23 Toxaphene-2

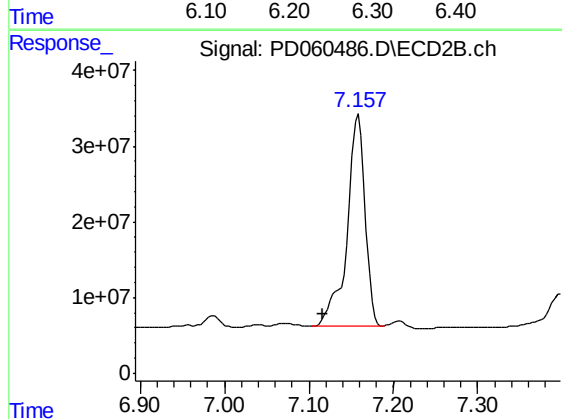
R.T.: 6.739 min  
Delta R.T.: 0.030 min  
Response: 418098267  
Conc: 12878.46 ng/ml



#24 Toxaphene-3

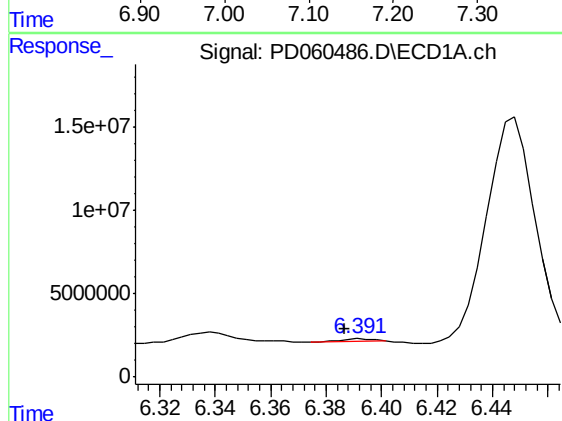
R.T.: 6.271 min  
Delta R.T.: 0.005 min  
Response: 5028496  
Conc: 340.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



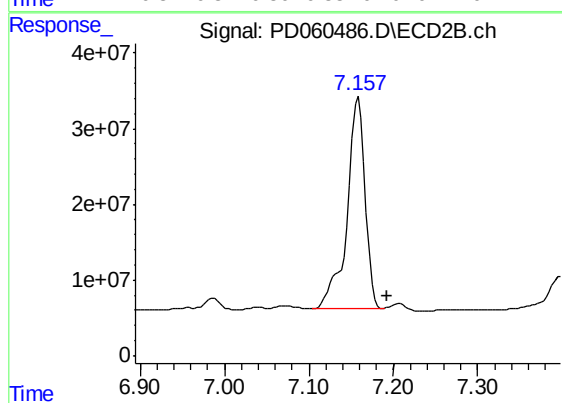
#24 Toxaphene-3

R.T.: 7.159 min  
Delta R.T.: 0.042 min  
Response: 414737988  
Conc: 8614.52 ng/ml



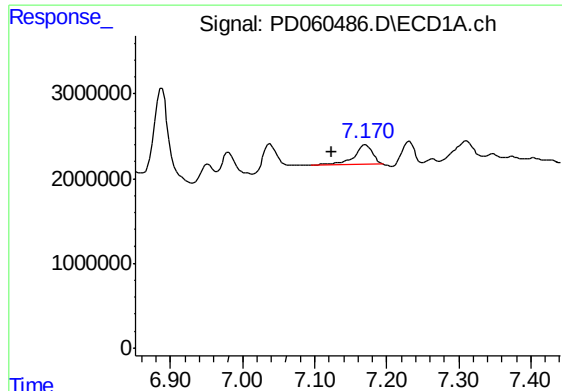
#25 Toxaphene-4

R.T.: 6.394 min  
Delta R.T.: 0.007 min  
Response: 1156433  
Conc: 34.53 ng/ml



#25 Toxaphene-4

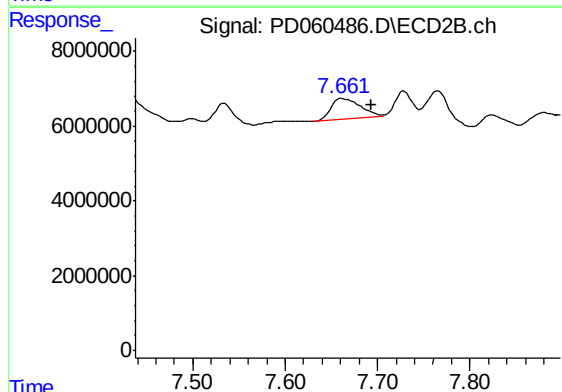
R.T.: 7.159 min  
Delta R.T.: -0.034 min  
Response: 414737988  
Conc: 3159.58 ng/ml



#26 Toxaphene-5

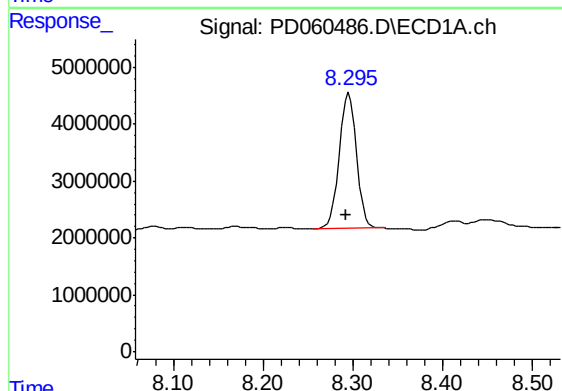
R.T.: 7.171 min  
Delta R.T.: 0.048 min  
Response: 4187642  
Conc: 118.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
C0B04MS



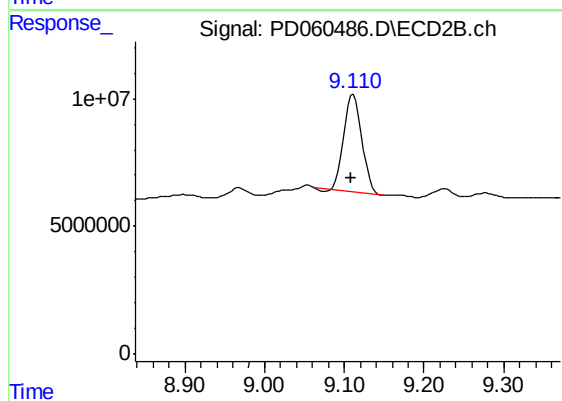
#26 Toxaphene-5

R.T.: 7.662 min  
Delta R.T.: -0.031 min  
Response: 11904875  
Conc: 203.95 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.296 min  
Delta R.T.: 0.003 min  
Response: 31980127  
Conc: 23.62 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.112 min  
Delta R.T.: 0.004 min  
Response: 60319829  
Conc: 20.81 ng/ml