

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD113020\  
 Data File : PD060458.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Dec 2020 01:27  
 Operator : DD\AJ  
 Sample : L4751-03MSDRE  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 01 06:34:06 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

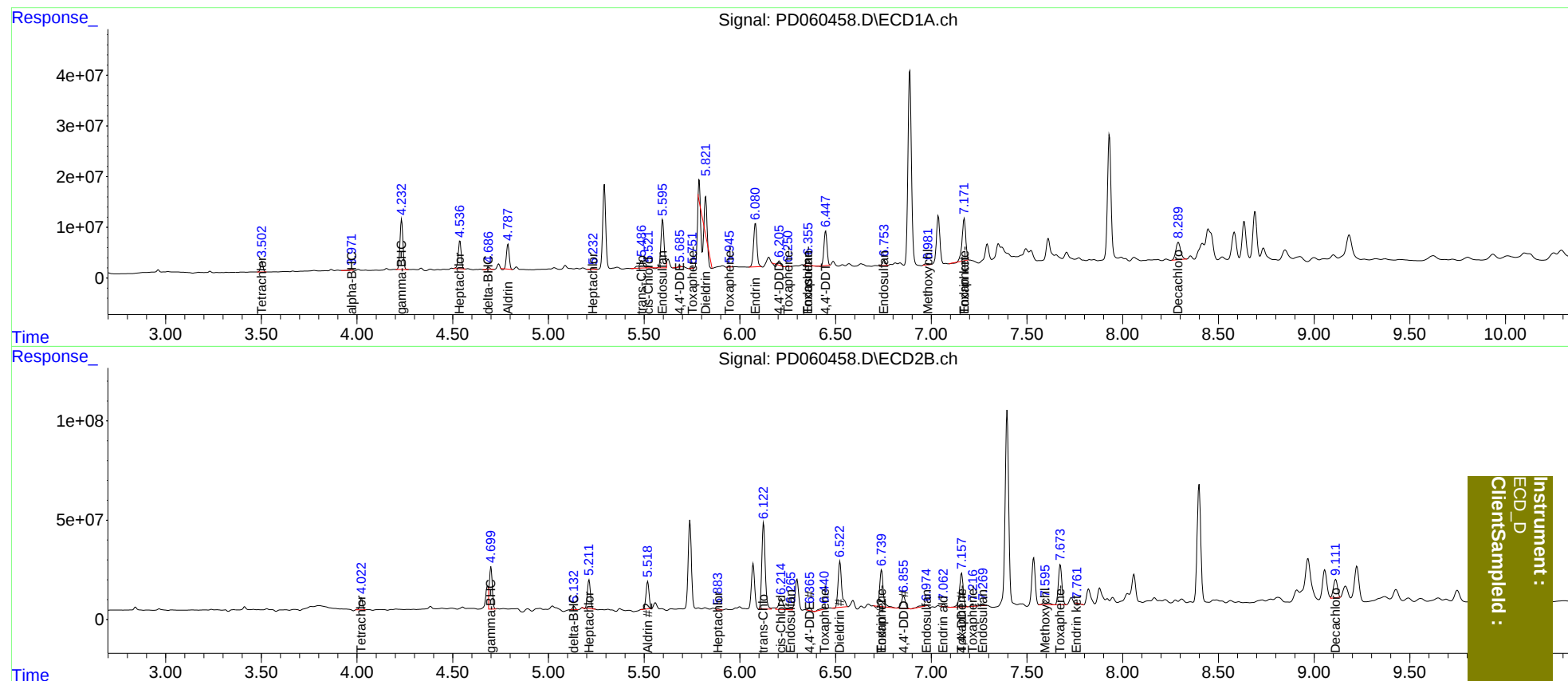
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.503  | 4.023  | 19332905 | 58884720 | 16.977   | 16.017     |
| 27)                         | SA Decachlor... | 8.291  | 9.113  | 60004560 | 135.5E6  | 44.310   | 46.754     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | MA gamma-BHC... | 4.233  | 4.700  | 105.4E6  | 231.0E6  | 67.700   | 46.652 #   |
| 4)                          | MA Heptachlor   | 4.538  | 5.212  | 59314157 | 155.5E6  | 37.991   | 32.100     |
| 5)                          | MB Aldrin       | 4.789  | 5.519  | 48970826 | 153.1E6  | 32.058   | 34.239     |
| 7)                          | B delta-BHC     | 4.687  | 5.134f | 4059625  | 16315274 | 2.690    | 4.218 #    |
| 8)                          | B Heptachlo...  | 5.234  | 5.884  | 1065870  | 7761078  | 0.747    | 2.077 #    |
| 9)                          | A Endosulfan I  | 5.597  | 6.267  | 104.4E6  | 17241747 | 75.806   | 4.408 #    |
| 10)                         | B trans-Chl...  | 5.487  | 6.124  | 22319646 | 529.3E6  | 14.894   | 124.987 #  |
| 11)                         | B cis-Chlor...  | 5.523  | 6.215  | 4039509  | 88633712 | 2.740    | 21.499 #   |
| 12)                         | B 4,4'-DDE      | 5.686  | 6.366  | 1138173  | 15331979 | 0.796    | 3.859 #    |
| 13)                         | MA Dieldrin     | 5.821  | 6.523  | 4020138  | 304.7E6  | 2.641    | 71.828 #   |
| 14)                         | MA Endrin       | 6.081  | 6.740  | 104.4E6  | 230.4E6  | 83.909   | 66.418     |
| 15)                         | B Endosulfa...  | 6.356  | 6.975  | 15953238 | 17875743 | 13.423   | 5.595 #    |
| 16)                         | A 4,4'-DDD      | 6.205  | 6.856  | 3819573  | 91503772 | 3.140    | 27.619 #   |
| 17)                         | MA 4,4'-DDT     | 6.448  | 7.159  | 75363483 | 226.7E6  | 61.697   | 69.059     |
| 18)                         | B Endrin al...  | 6.537  | 7.064  | -3436245 | 12201014 | N.D.     | 4.518      |
| 19)                         | B Endosulfa...  | 6.754  | 7.270  | 12257890 | 10269454 | 10.820   | 3.263 #    |
| 20)                         | A Methoxychlor  | 6.984  | 7.596  | 4133652  | 35352048 | 6.920    | 21.566 #   |
| 21)                         | B Endrin ke...  | 7.172f | 7.760  | 110.2E6  | 2928190  | 81.559   | 0.870 #    |
| 22)                         | Toxaphene-1     | 5.752  | 6.442  | 457615   | 20829897 | 36.232   | 781.404 #  |
| 23)                         | Toxaphene-2     | 5.947  | 6.740  | 1060446  | 230.4E6  | 81.825   | 7097.386 # |
| 24)                         | Toxaphene-3     | 6.252  | 7.159  | 1273157  | 226.7E6  | 86.229   | 4709.101 # |
| 25)                         | Toxaphene-4     | 6.356  | 7.218  | 15953238 | 9713173  | 476.415  | 73.997 #   |
| 26)                         | Toxaphene-5     | 7.172  | 7.674  | 110.2E6  | 257.8E6  | 3123.154 | 4417.249 # |
| -----                       |                 |        |        |          |          |          |            |

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

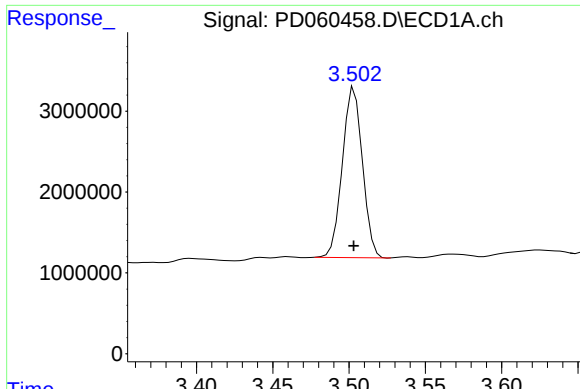
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD113020\  
Data File : PD060458.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Dec 2020 01:27  
Operator : DD\AJ  
Sample : L4751-03MSDRE  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 01 06:34:06 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



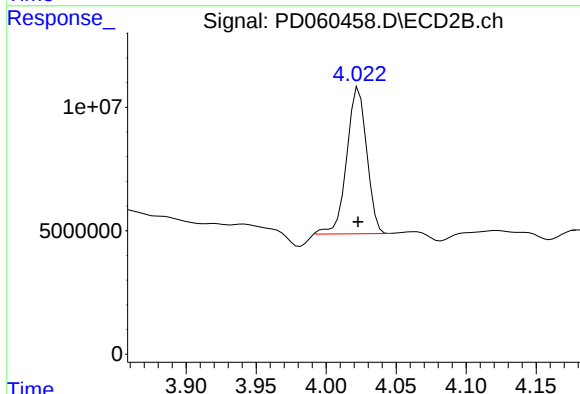
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

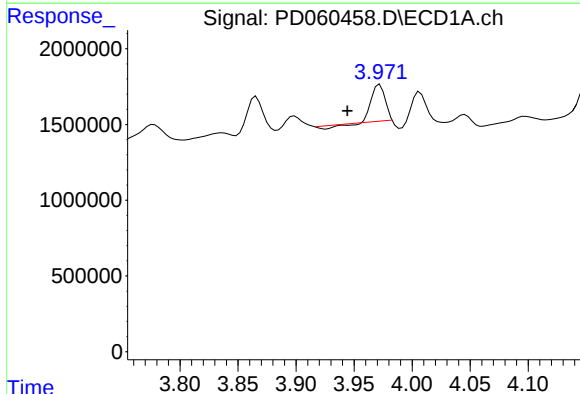
R.T.: 3.503 min  
Delta R.T.: 0.000 min  
Response: 19332905  
Conc: 16.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



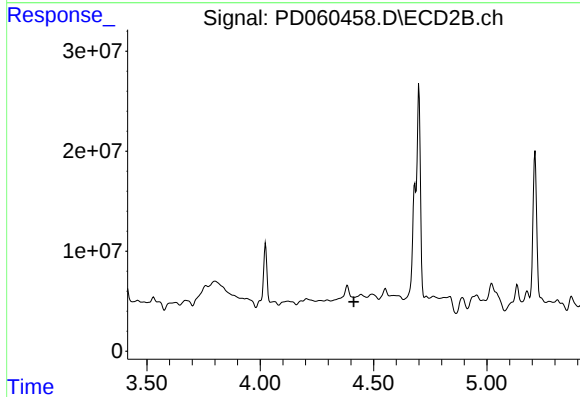
#1 Tetrachloro-m-xylene

R.T.: 4.023 min  
Delta R.T.: 0.000 min  
Response: 58884720  
Conc: 16.02 ng/ml



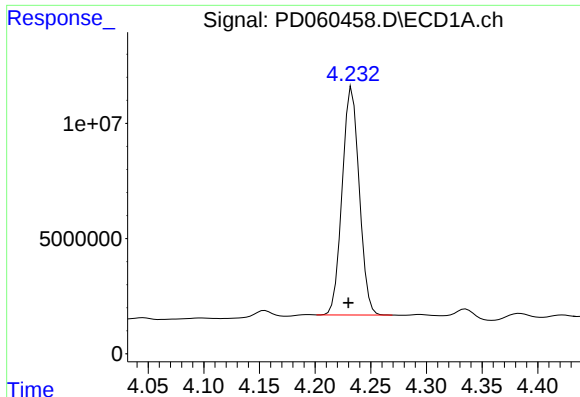
#2 alpha-BHC

R.T.: 3.972 min  
Delta R.T.: 0.028 min  
Response: 1795913  
Conc: 1.09 ng/ml



#2 alpha-BHC

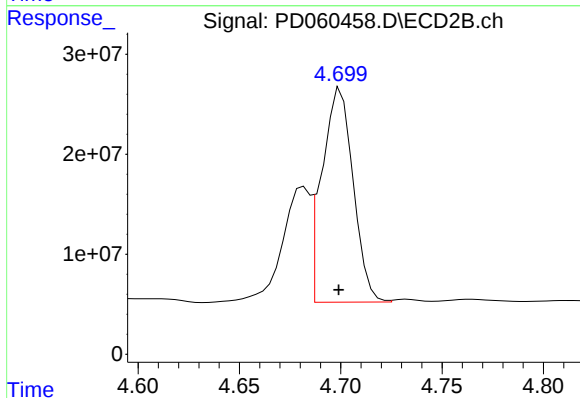
R.T.: 4.445 min  
Delta R.T.: 0.032 min  
Response: -6637531  
Conc: N.D.



#3 gamma-BHC (Lindane)

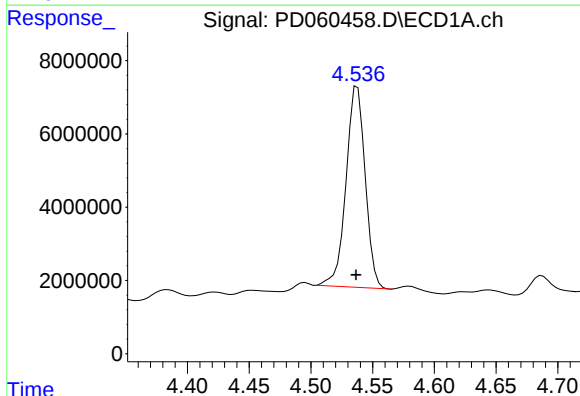
R.T.: 4.233 min  
Delta R.T.: 0.003 min  
Response: 105414982  
Conc: 67.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



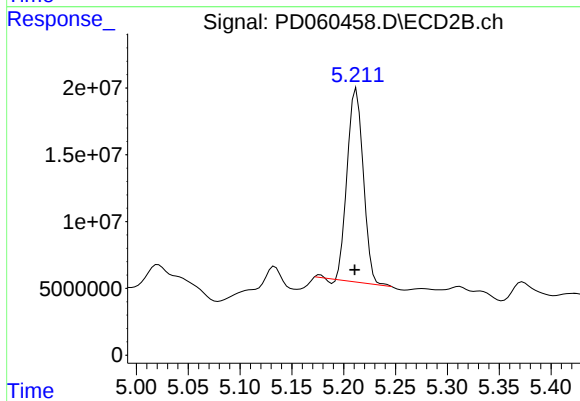
#3 gamma-BHC (Lindane)

R.T.: 4.700 min  
Delta R.T.: 0.001 min  
Response: 230952187  
Conc: 46.65 ng/ml



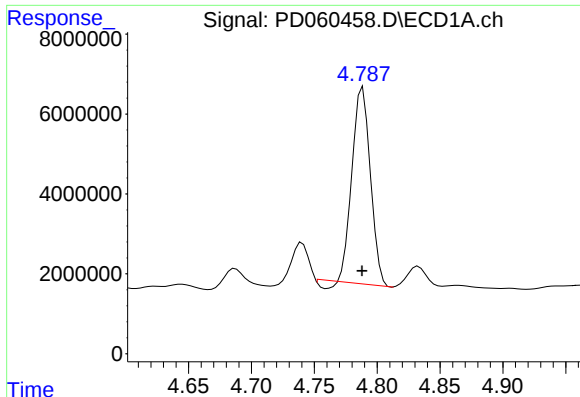
#4 Heptachlor

R.T.: 4.538 min  
Delta R.T.: 0.001 min  
Response: 59314157  
Conc: 37.99 ng/ml



#4 Heptachlor

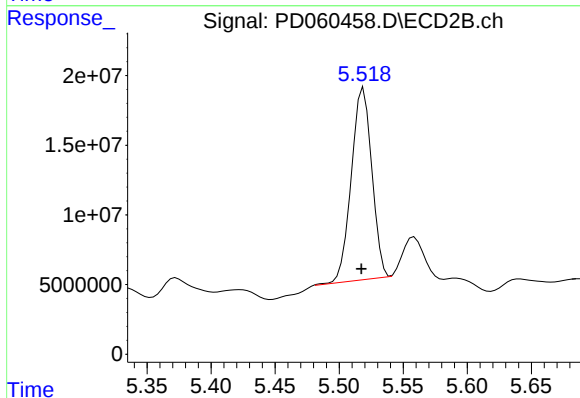
R.T.: 5.212 min  
Delta R.T.: 0.002 min  
Response: 155521063  
Conc: 32.10 ng/ml



#5 Aldrin

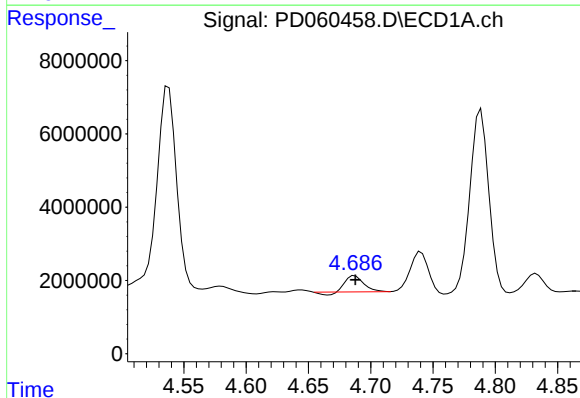
R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 48970826  
Conc: 32.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



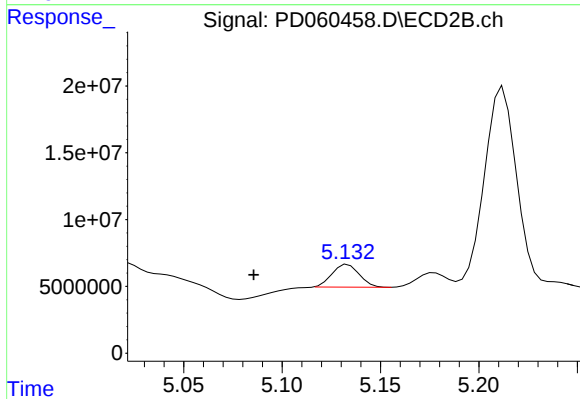
#5 Aldrin

R.T.: 5.519 min  
Delta R.T.: 0.002 min  
Response: 153117565  
Conc: 34.24 ng/ml



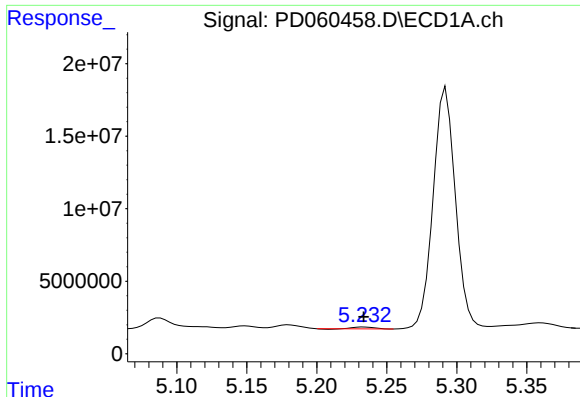
#7 delta-BHC

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 4059625  
Conc: 2.69 ng/ml



#7 delta-BHC

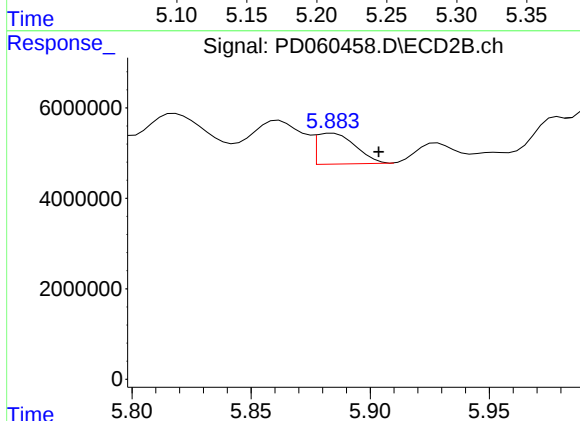
R.T.: 5.134 min  
Delta R.T.: 0.048 min  
Response: 16315274  
Conc: 4.22 ng/ml



#8 Heptachlor epoxide

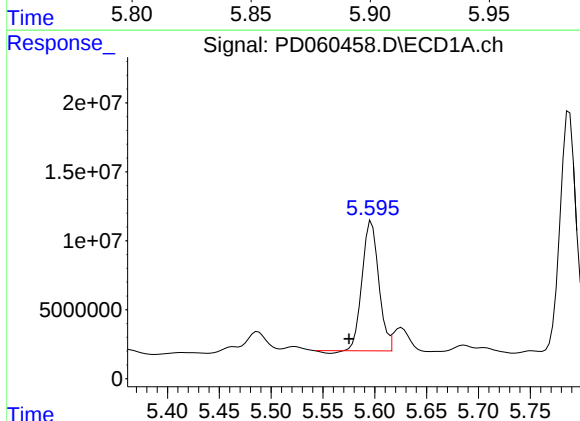
R.T.: 5.234 min  
Delta R.T.: 0.000 min  
Response: 1065870  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



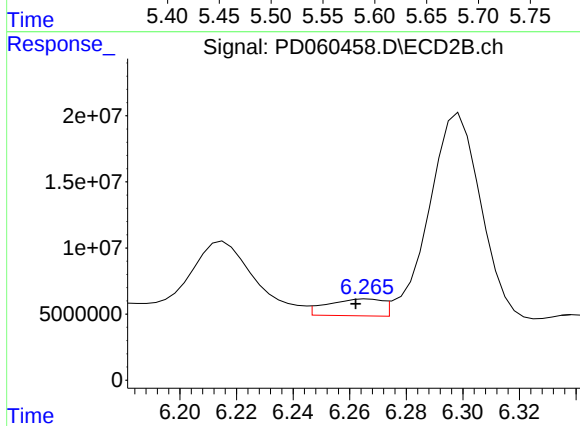
#8 Heptachlor epoxide

R.T.: 5.884 min  
Delta R.T.: -0.019 min  
Response: 7761078  
Conc: 2.08 ng/ml



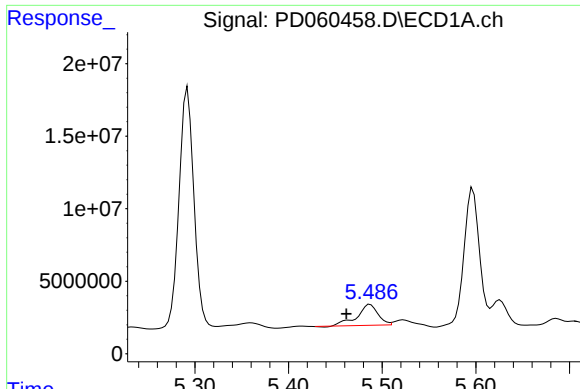
#9 Endosulfan I

R.T.: 5.597 min  
Delta R.T.: 0.022 min  
Response: 104387790  
Conc: 75.81 ng/ml



#9 Endosulfan I

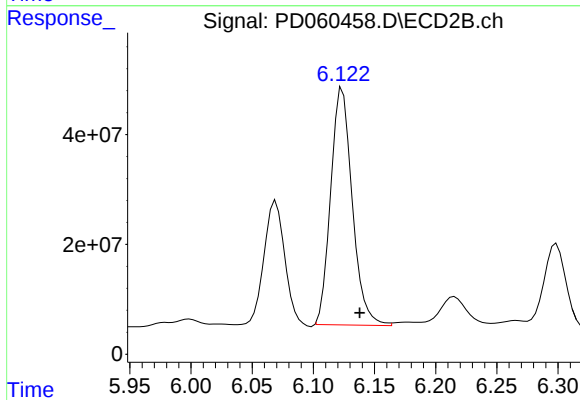
R.T.: 6.267 min  
Delta R.T.: 0.004 min  
Response: 17241747  
Conc: 4.41 ng/ml



#10 trans-Chlordane

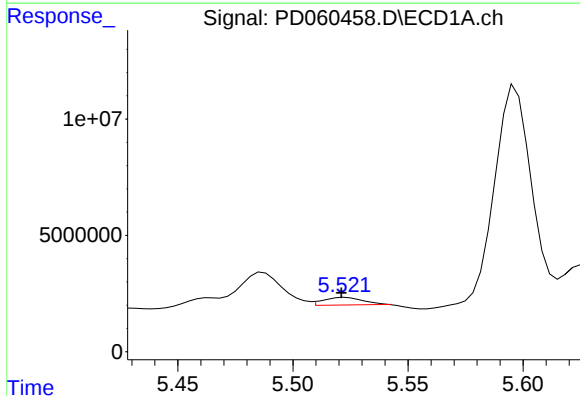
R.T.: 5.487 min  
Delta R.T.: 0.025 min  
Response: 22319646  
Conc: 14.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



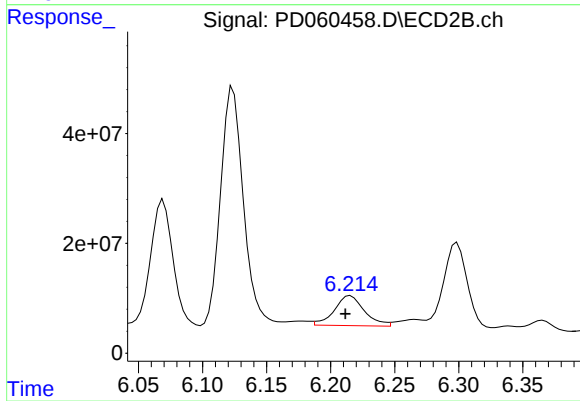
#10 trans-Chlordane

R.T.: 6.124 min  
Delta R.T.: -0.014 min  
Response: 529343033  
Conc: 124.99 ng/ml



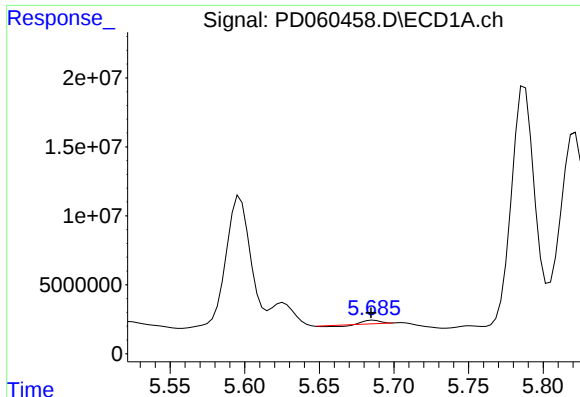
#11 cis-Chlordane

R.T.: 5.523 min  
Delta R.T.: 0.002 min  
Response: 4039509  
Conc: 2.74 ng/ml



#11 cis-Chlordane

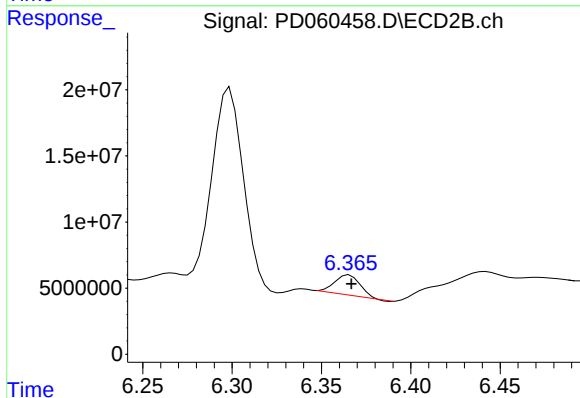
R.T.: 6.215 min  
Delta R.T.: 0.004 min  
Response: 88633712  
Conc: 21.50 ng/ml



#12 4,4'-DDE

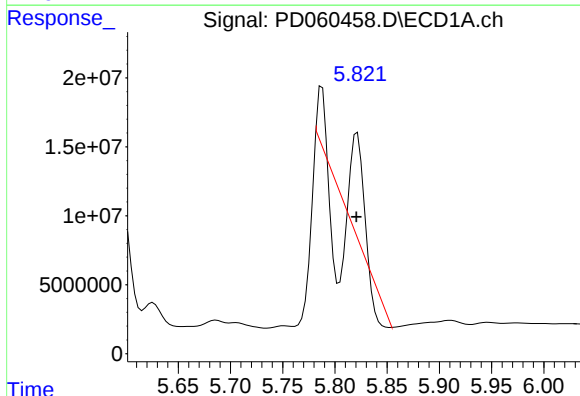
R.T.: 5.686 min  
Delta R.T.: 0.002 min  
Response: 1138173  
Conc: 0.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



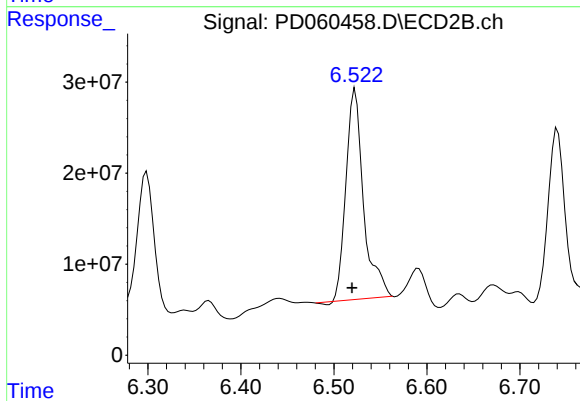
#12 4,4'-DDE

R.T.: 6.366 min  
Delta R.T.: -0.001 min  
Response: 15331979  
Conc: 3.86 ng/ml



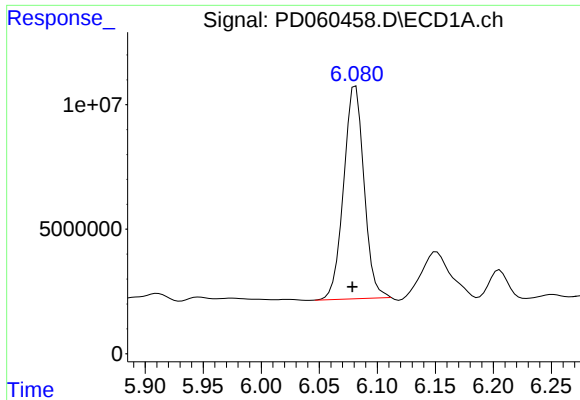
#13 Dieldrin

R.T.: 5.821 min  
Delta R.T.: 0.000 min  
Response: 4020138  
Conc: 2.64 ng/ml



#13 Dieldrin

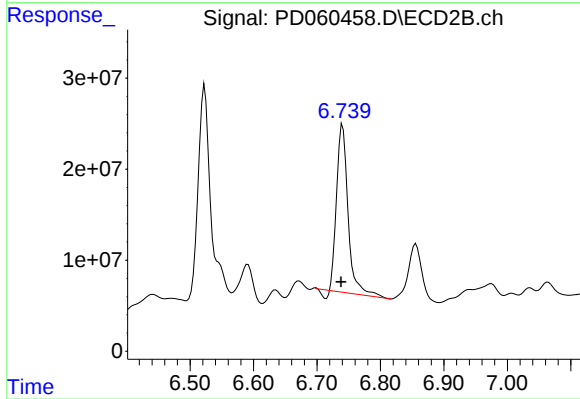
R.T.: 6.523 min  
Delta R.T.: 0.003 min  
Response: 304684326  
Conc: 71.83 ng/ml



#14 Endrin

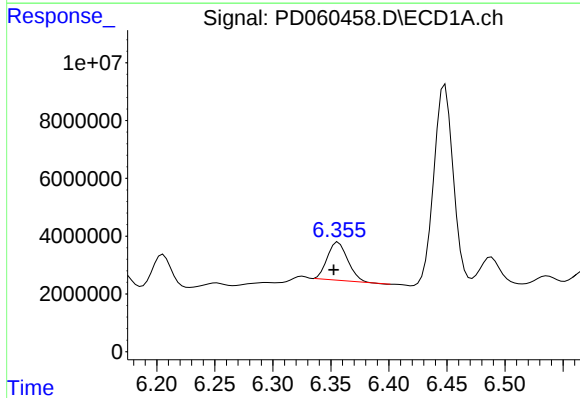
R.T.: 6.081 min  
Delta R.T.: 0.003 min  
Response: 104446263  
Conc: 83.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



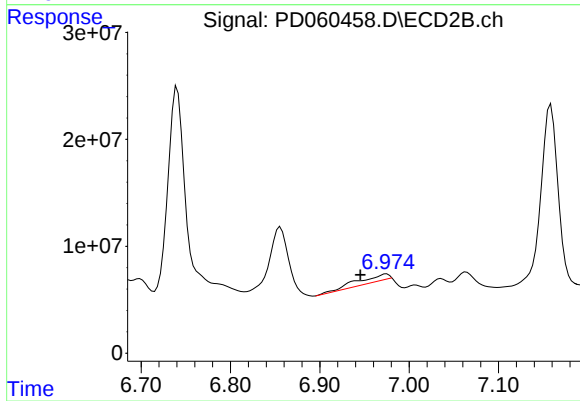
#14 Endrin

R.T.: 6.740 min  
Delta R.T.: 0.003 min  
Response: 230416087  
Conc: 66.42 ng/ml



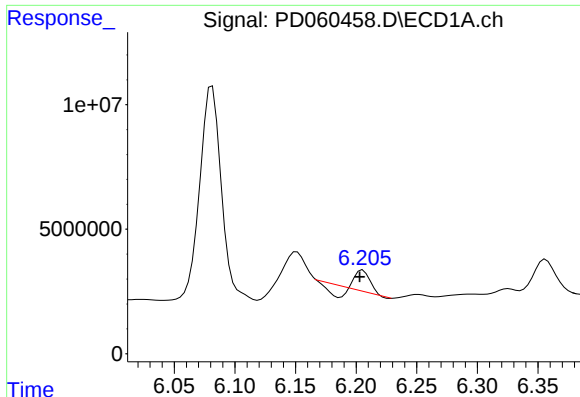
#15 Endosulfan II

R.T.: 6.356 min  
Delta R.T.: 0.004 min  
Response: 15953238  
Conc: 13.42 ng/ml



#15 Endosulfan II

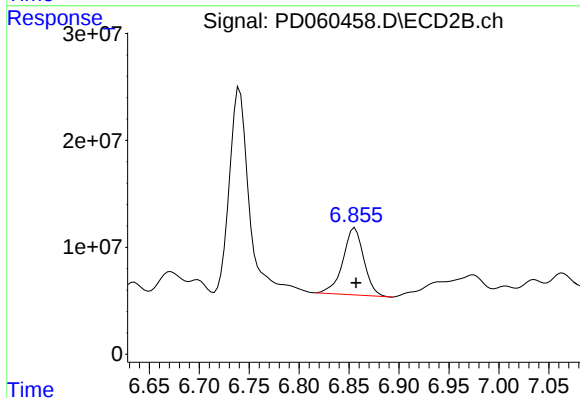
R.T.: 6.975 min  
Delta R.T.: 0.029 min  
Response: 17875743  
Conc: 5.60 ng/ml



#16 4,4'-DDD

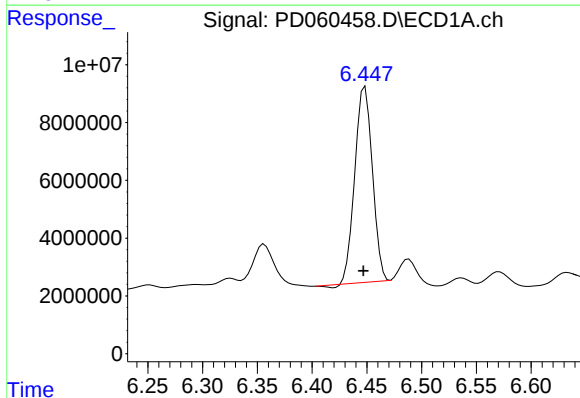
R.T.: 6.205 min  
Delta R.T.: 0.003 min  
Response: 3819573  
Conc: 3.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



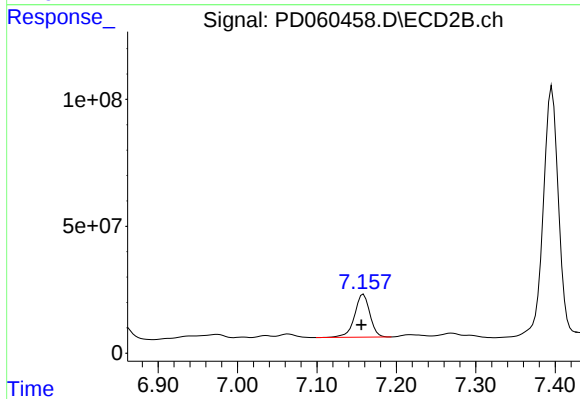
#16 4,4'-DDD

R.T.: 6.856 min  
Delta R.T.: -0.001 min  
Response: 91503772  
Conc: 27.62 ng/ml



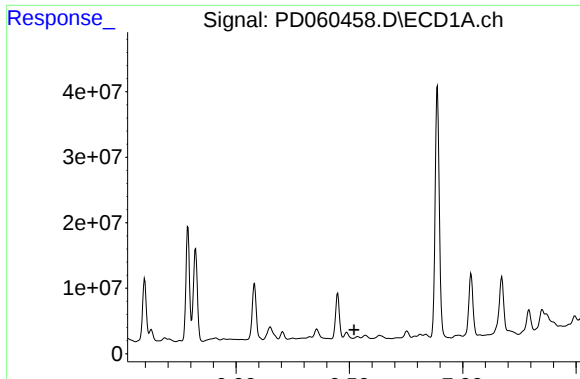
#17 4,4'-DDT

R.T.: 6.448 min  
Delta R.T.: 0.002 min  
Response: 75363483  
Conc: 61.70 ng/ml



#17 4,4'-DDT

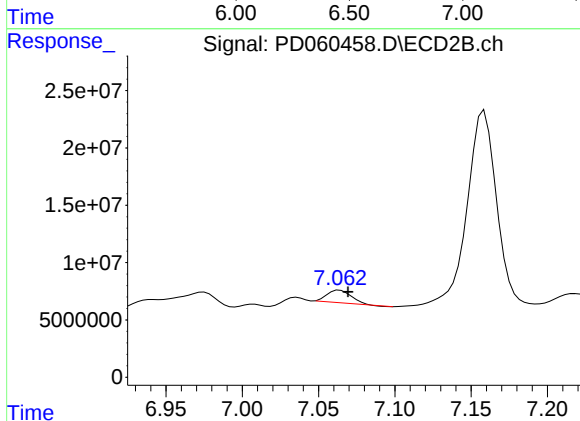
R.T.: 7.159 min  
Delta R.T.: 0.003 min  
Response: 226715119  
Conc: 69.06 ng/ml



#18 Endrin aldehyde

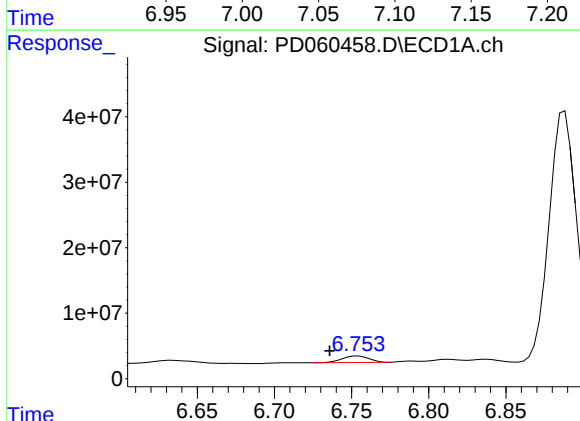
R.T.: 6.537 min  
Delta R.T.: 0.016 min  
Response: -3436245  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



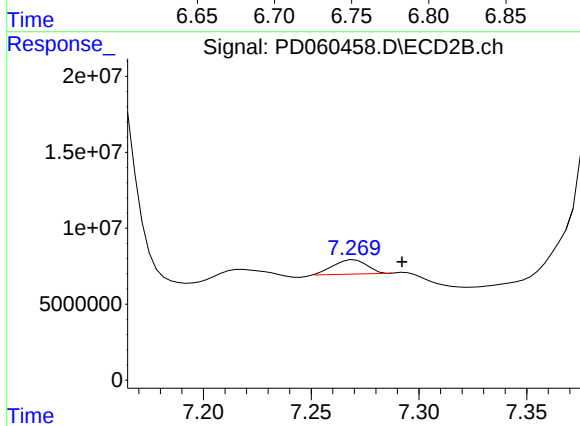
#18 Endrin aldehyde

R.T.: 7.064 min  
Delta R.T.: -0.005 min  
Response: 12201014  
Conc: 4.52 ng/ml



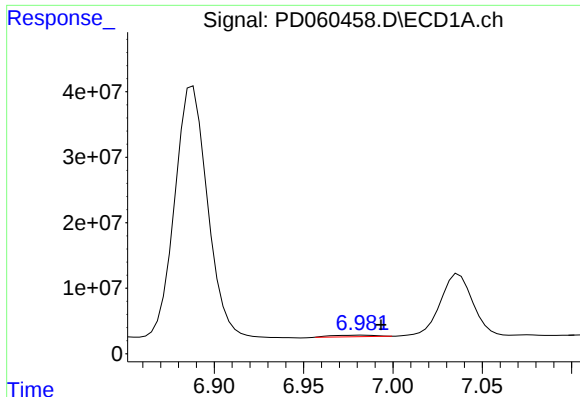
#19 Endosulfan Sulfate

R.T.: 6.754 min  
Delta R.T.: 0.018 min  
Response: 12257890  
Conc: 10.82 ng/ml



#19 Endosulfan Sulfate

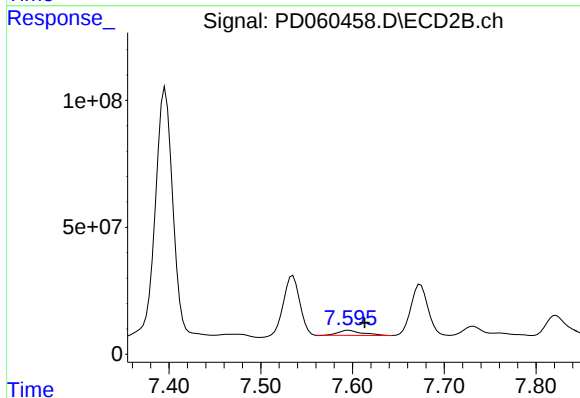
R.T.: 7.270 min  
Delta R.T.: -0.022 min  
Response: 10269454  
Conc: 3.26 ng/ml



#20 Methoxychlor

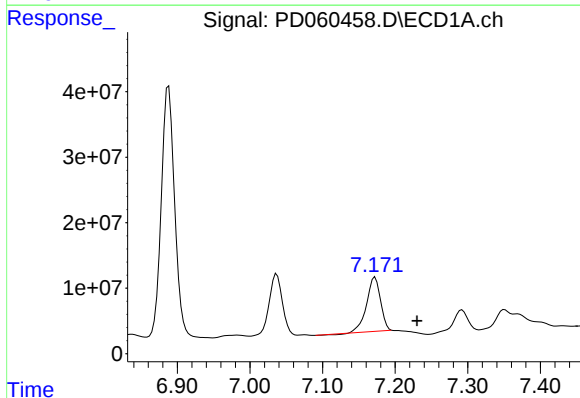
R.T.: 6.984 min  
Delta R.T.: -0.010 min  
Response: 4133652  
Conc: 6.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



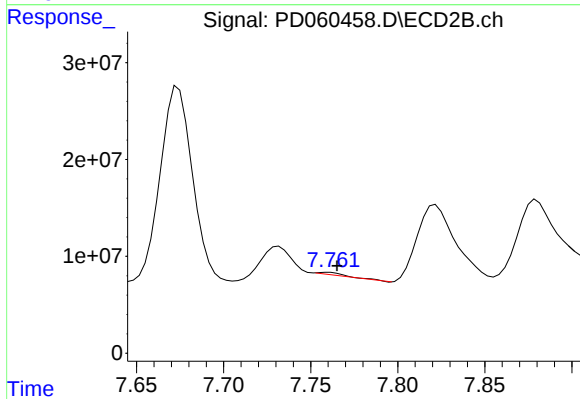
#20 Methoxychlor

R.T.: 7.596 min  
Delta R.T.: -0.017 min  
Response: 35352048  
Conc: 21.57 ng/ml



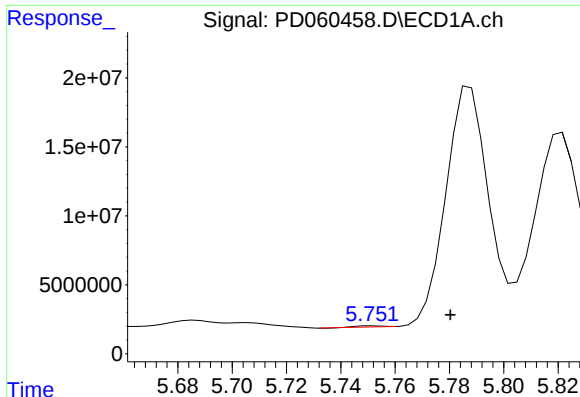
#21 Endrin ketone

R.T.: 7.172 min  
Delta R.T.: -0.058 min  
Response: 110198752  
Conc: 81.56 ng/ml



#21 Endrin ketone

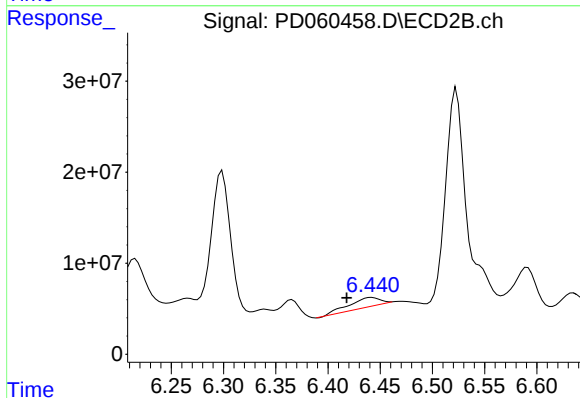
R.T.: 7.760 min  
Delta R.T.: -0.005 min  
Response: 2928190  
Conc: 0.87 ng/ml



#22 Toxaphene-1

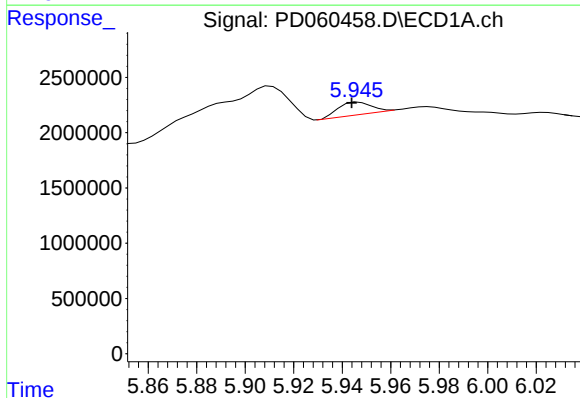
R.T.: 5.752 min  
Delta R.T.: -0.028 min  
Response: 457615  
Conc: 36.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



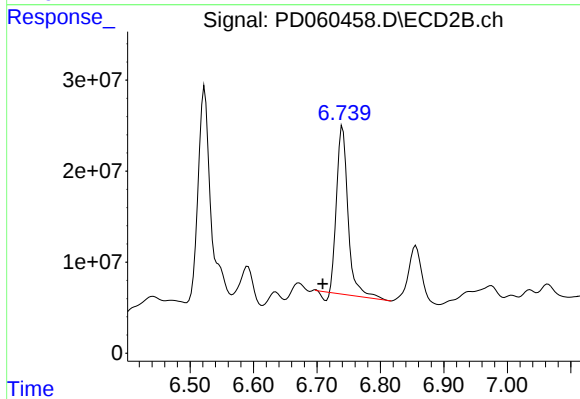
#22 Toxaphene-1

R.T.: 6.442 min  
Delta R.T.: 0.024 min  
Response: 20829897  
Conc: 781.40 ng/ml



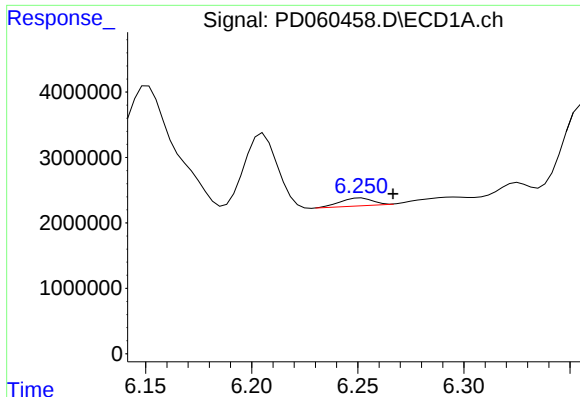
#23 Toxaphene-2

R.T.: 5.947 min  
Delta R.T.: 0.003 min  
Response: 1060446  
Conc: 81.82 ng/ml



#23 Toxaphene-2

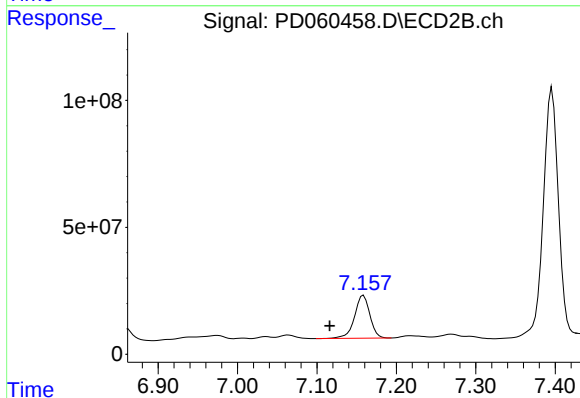
R.T.: 6.740 min  
Delta R.T.: 0.031 min  
Response: 230416087  
Conc: 7097.39 ng/ml



#24 Toxaphene-3

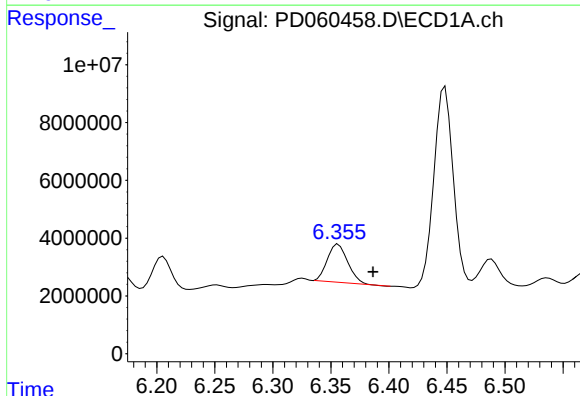
R.T.: 6.252 min  
Delta R.T.: -0.015 min  
Response: 1273157  
Conc: 86.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



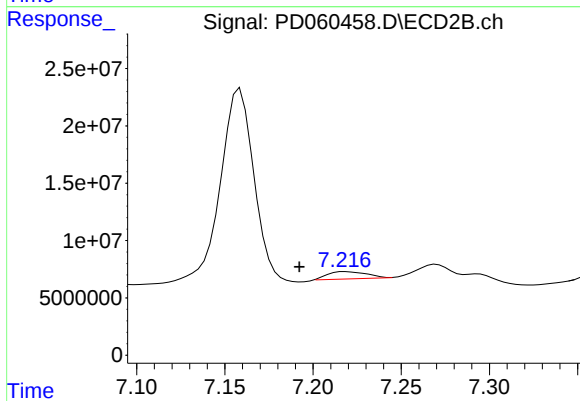
#24 Toxaphene-3

R.T.: 7.159 min  
Delta R.T.: 0.043 min  
Response: 226715119  
Conc: 4709.10 ng/ml



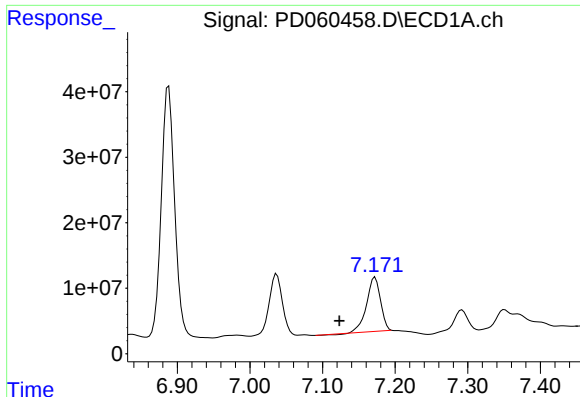
#25 Toxaphene-4

R.T.: 6.356 min  
Delta R.T.: -0.030 min  
Response: 15953238  
Conc: 476.41 ng/ml



#25 Toxaphene-4

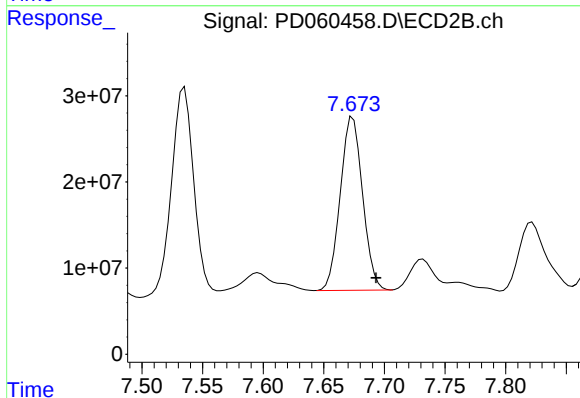
R.T.: 7.218 min  
Delta R.T.: 0.026 min  
Response: 9713173  
Conc: 74.00 ng/ml



#26 Toxaphene-5

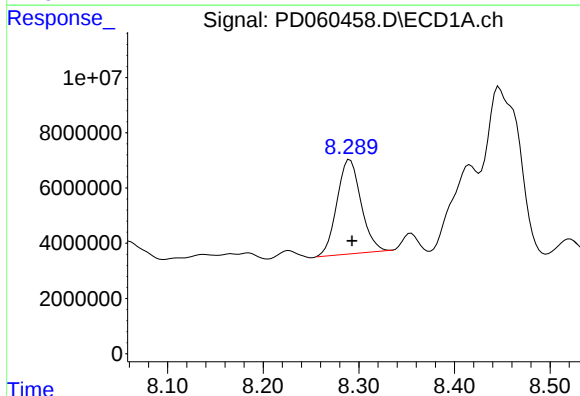
R.T.: 7.172 min  
Delta R.T.: 0.049 min  
Response: 110198752  
Conc: 3123.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



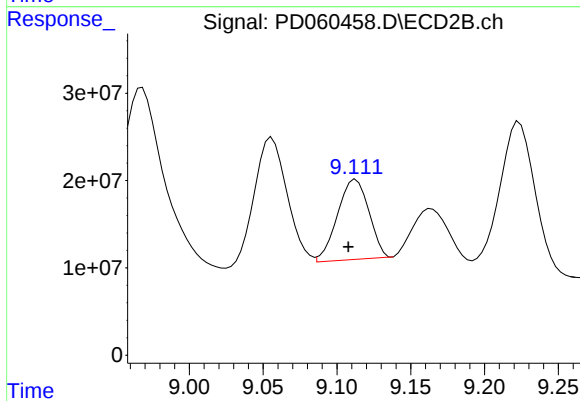
#26 Toxaphene-5

R.T.: 7.674 min  
Delta R.T.: -0.019 min  
Response: 257836627  
Conc: 4417.25 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.291 min  
Delta R.T.: -0.002 min  
Response: 60004560  
Conc: 44.31 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.113 min  
Delta R.T.: 0.005 min  
Response: 135512713  
Conc: 46.75 ng/ml