

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082522\  
 Data File : PD071656.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Aug 2022 13:37  
 Operator : AR\AJ  
 Sample : INDA309  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 26 06:47:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 11 04:21:34 2022  
 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

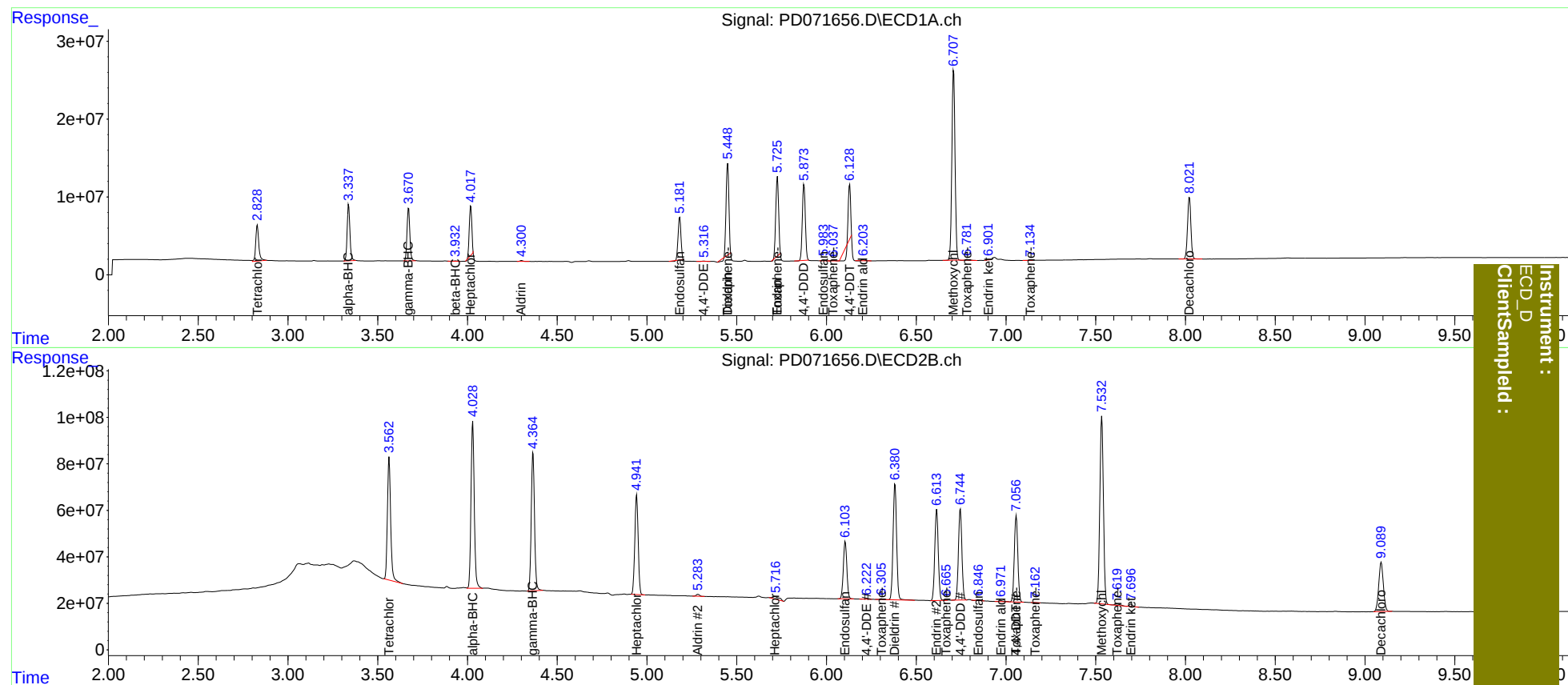
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 2.829  | 3.563  | 56903177 | 662.0E6  | 19.948   | 20.195     |
| 27)                         | SA Decachlor... | 8.022  | 9.090  | 103.2E6  | 379.3E6  | 36.768   | 39.564     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.338  | 4.030  | 77179049 | 903.0E6  | 18.761   | 21.381     |
| 3)                          | MA gamma-BHC... | 3.672  | 4.365  | 74172911 | 753.7E6  | 18.846   | 21.443     |
| 4)                          | MA Heptachlor   | 4.018  | 4.943  | 61998096 | 560.0E6  | 15.243   | 21.776 #   |
| 5)                          | MB Aldrin       | 4.301  | 5.284  | 1425619  | 10723469 | 0.344    | 0.479 #    |
| 6)                          | B beta-BHC      | 3.933  | 4.597  | 525188   | 133742   | 0.297    | <MDL #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.714  | 0        | 30888663 | N.D.     | 1.552      |
| 9)                          | A Endosulfan I  | 5.182  | 6.105  | 60645572 | 335.3E6  | 17.816   | 20.798     |
| 10)                         | B trans-Chl...  | 0.000  | 5.926f | 0        | 570826   | N.D.     | <MDL       |
| 11)                         | B cis-Chlor...  | 0.000  | 6.053  | 0        | 115233   | N.D.     | <MDL       |
| 12)                         | B 4,4'-DDE      | 5.317  | 6.223  | 444957   | 2734743  | 0.125    | 0.174 #    |
| 13)                         | MA Dieldrin     | 5.450  | 6.382  | 124.3E6  | 688.7E6  | 32.777   | 41.568 #   |
| 14)                         | MA Endrin       | 5.727  | 6.614  | 110.8E6  | 529.1E6  | 33.784   | 41.693     |
| 15)                         | B Endosulfa...  | 5.984  | 6.845  | 1202723  | 2852730  | 0.386    | 0.218 #    |
| 16)                         | A 4,4'-DDD      | 5.875  | 6.746  | 113.4E6  | 525.3E6  | 41.675   | 43.145     |
| 17)                         | MA 4,4'-DDT     | 6.129  | 7.057  | 42970480 | 505.9E6  | 15.209   | 42.767 #   |
| 18)                         | B Endrin al...  | 6.205  | 6.972  | 1037963  | 6960720  | 0.387    | 0.633 #    |
| 19)                         | B Endosulfa...  | 6.415  | 7.163f | 106807   | 954940   | <MDL     | <MDL #     |
| 20)                         | A Methoxychlor  | 6.708  | 7.534  | 300.3E6  | 1123.0E6 | 207.966  | 213.481    |
| 21)                         | B Endrin ke...  | 6.902  | 7.696  | 826843   | 13712243 | 0.242    | 1.045 #    |
| 22)                         | Toxaphene-1     | 5.450f | 6.306f | 124.3E6  | 5217474  | 6808.308 | 42.869 #   |
| 23)                         | Toxaphene-2     | 5.727  | 6.666  | 110.8E6  | 932498   | 5466.793 | 10.404 #   |
| 24)                         | Toxaphene-3     | 6.039  | 7.057f | 826183   | 505.9E6  | 35.931   | 1507.467 # |
| 25)                         | Toxaphene-4     | 6.782  | 7.163  | 1084639  | 954940   | 11.544   | 3.539 #    |
| 26)                         | Toxaphene-5     | 7.135  | 7.619  | 316743   | 12101140 | 7.462    | 78.068 #   |
| -----                       |                 |        |        |          |          |          |            |

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

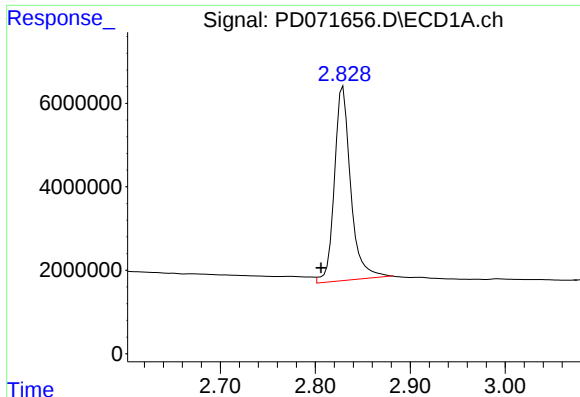
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082522\  
Data File : PD071656.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Aug 2022 13:37  
Operator : AR\AJ  
Sample : INDA309  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 06:47:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 11 04:21:34 2022  
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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



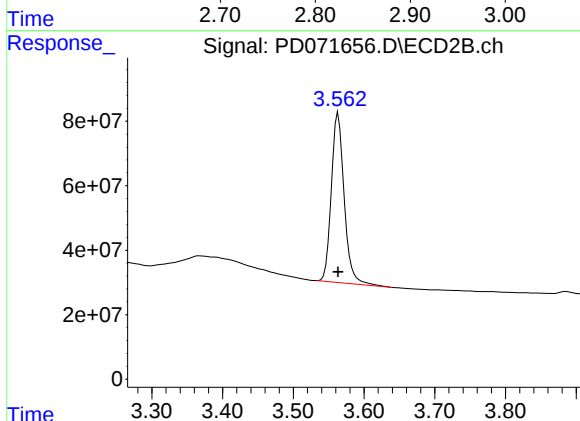
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

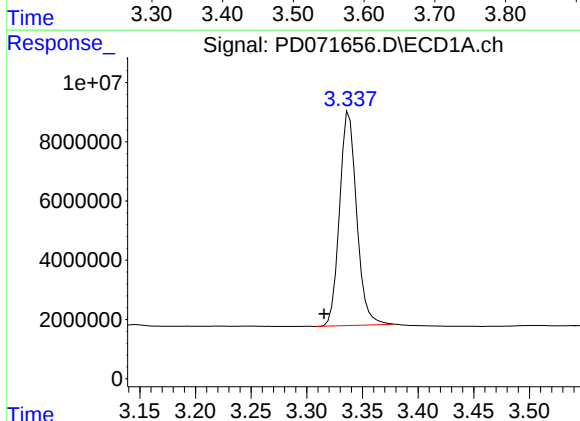
R.T.: 2.829 min  
Delta R.T.: 0.023 min  
Response: 56903177  
Conc: 19.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



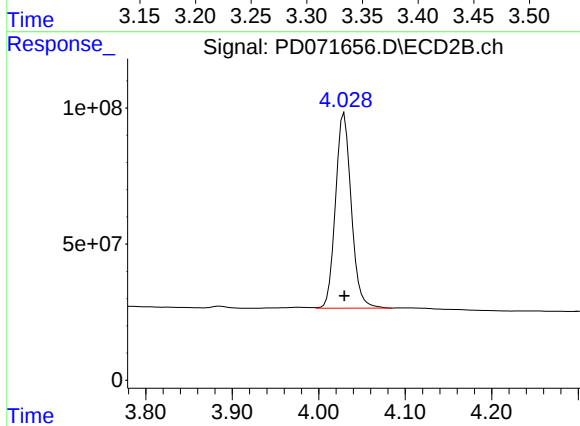
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 661962922  
Conc: 20.20 ng/ml



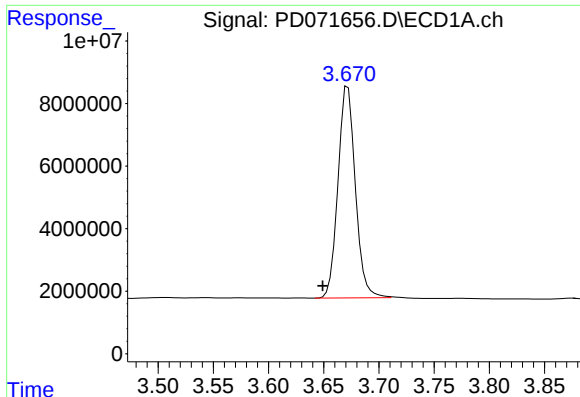
#2 alpha-BHC

R.T.: 3.338 min  
Delta R.T.: 0.023 min  
Response: 77179049  
Conc: 18.76 ng/ml



#2 alpha-BHC

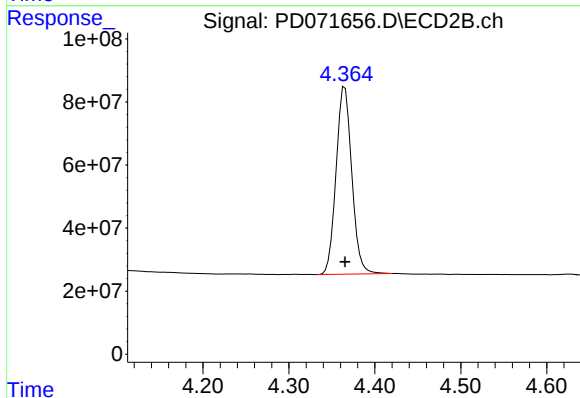
R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 903027106  
Conc: 21.38 ng/ml



#3 gamma-BHC (Lindane)

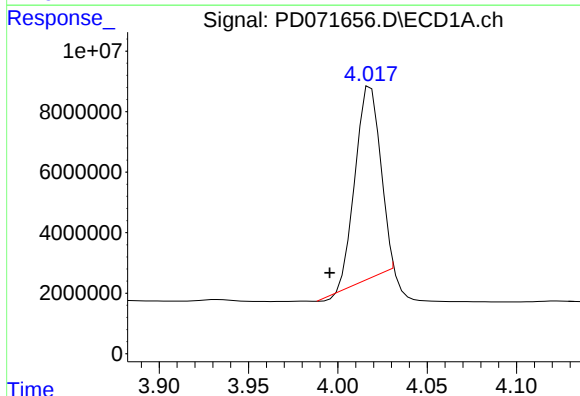
R.T.: 3.672 min  
Delta R.T.: 0.023 min  
Response: 74172911  
Conc: 18.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



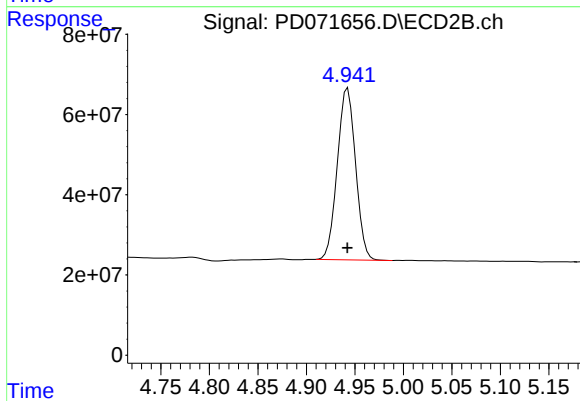
#3 gamma-BHC (Lindane)

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 753666454  
Conc: 21.44 ng/ml



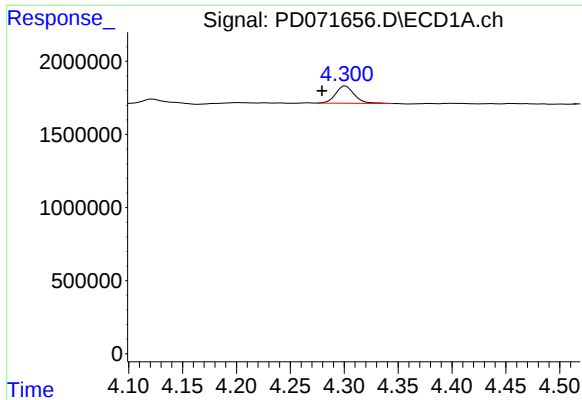
#4 Heptachlor

R.T.: 4.018 min  
Delta R.T.: 0.023 min  
Response: 61998096  
Conc: 15.24 ng/ml



#4 Heptachlor

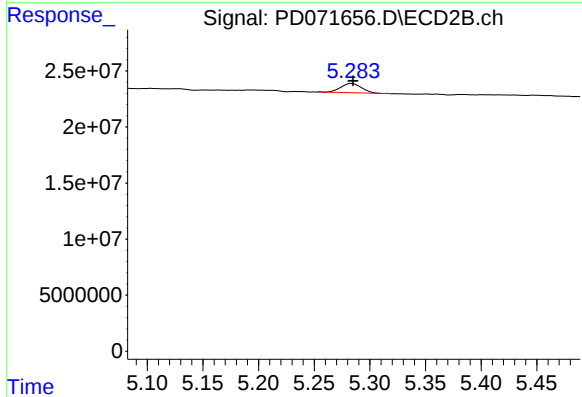
R.T.: 4.943 min  
Delta R.T.: 0.000 min  
Response: 560015079  
Conc: 21.78 ng/ml



#5 Aldrin

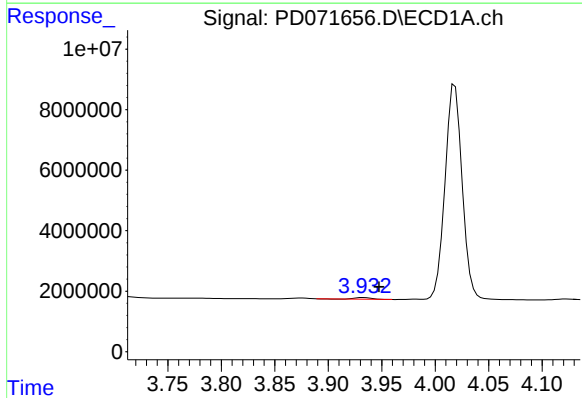
R.T.: 4.301 min  
Delta R.T.: 0.022 min  
Response: 1425619  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



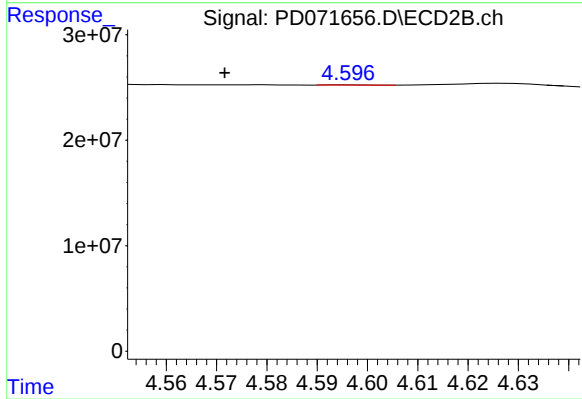
#5 Aldrin

R.T.: 5.284 min  
Delta R.T.: 0.000 min  
Response: 10723469  
Conc: 0.48 ng/ml



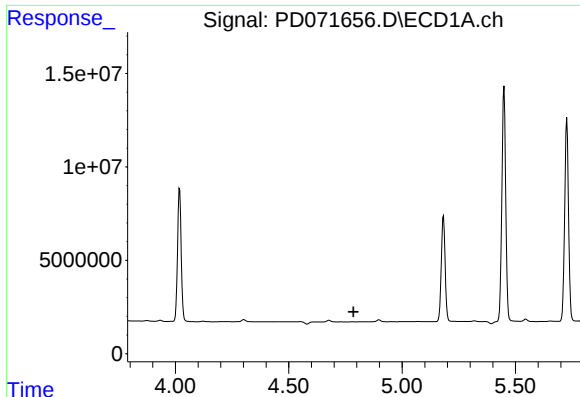
#6 beta-BHC

R.T.: 3.933 min  
Delta R.T.: -0.015 min  
Response: 525188  
Conc: 0.30 ng/ml



#6 beta-BHC

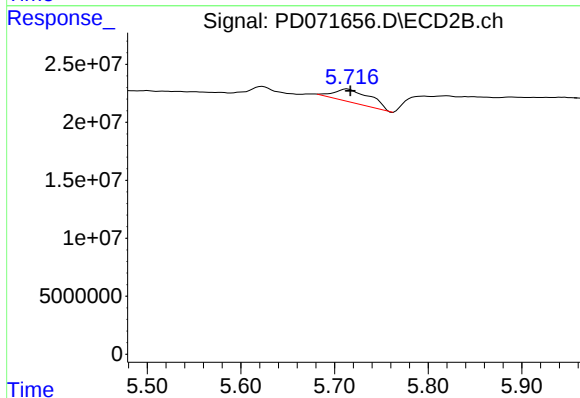
R.T.: 4.597 min  
Delta R.T.: 0.025 min  
Response: 133742  
Conc: N.D.



#8 Heptachlor epoxide

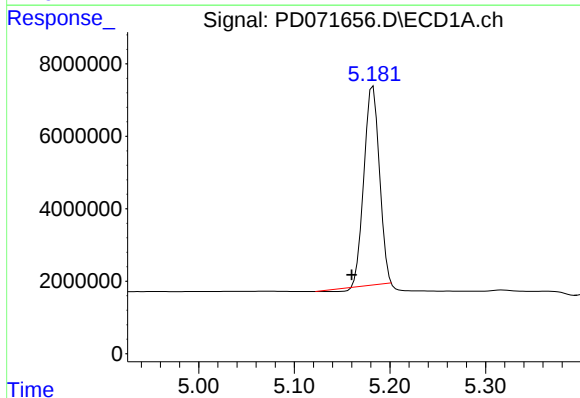
R.T.: 0.000 min  
Exp R.T.: 4.786 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



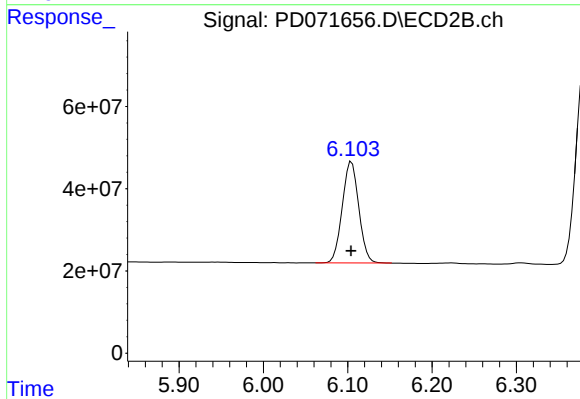
#8 Heptachlor epoxide

R.T.: 5.714 min  
Delta R.T.: -0.003 min  
Response: 30888663  
Conc: 1.55 ng/ml



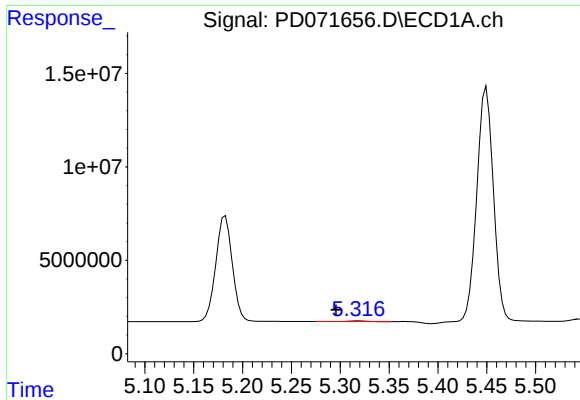
#9 Endosulfan I

R.T.: 5.182 min  
Delta R.T.: 0.022 min  
Response: 60645572  
Conc: 17.82 ng/ml



#9 Endosulfan I

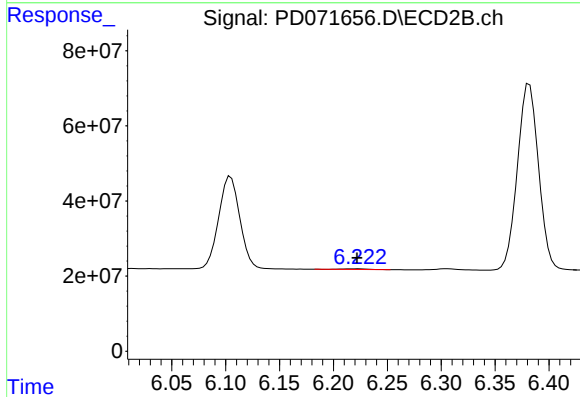
R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 335327605  
Conc: 20.80 ng/ml



#12 4,4'-DDE

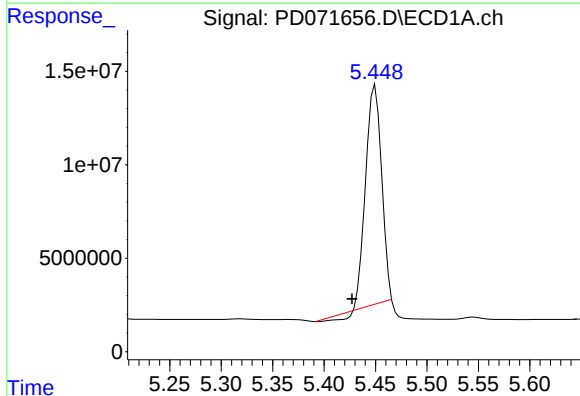
R.T.: 5.317 min  
Delta R.T.: 0.022 min  
Response: 444957  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



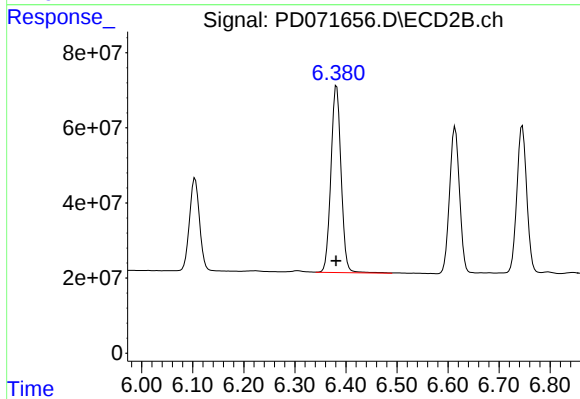
#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: 0.001 min  
Response: 2734743  
Conc: 0.17 ng/ml



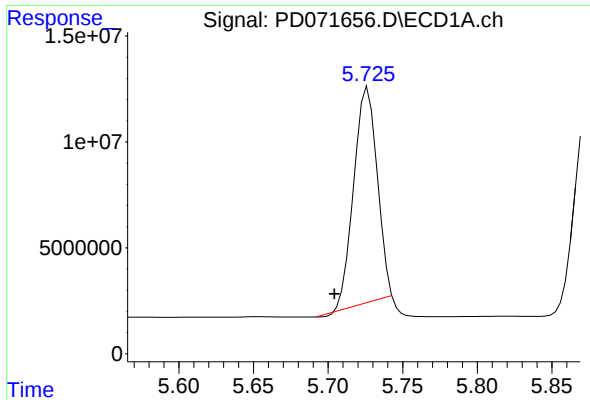
#13 Dieldrin

R.T.: 5.450 min  
Delta R.T.: 0.023 min  
Response: 124302299  
Conc: 32.78 ng/ml



#13 Dieldrin

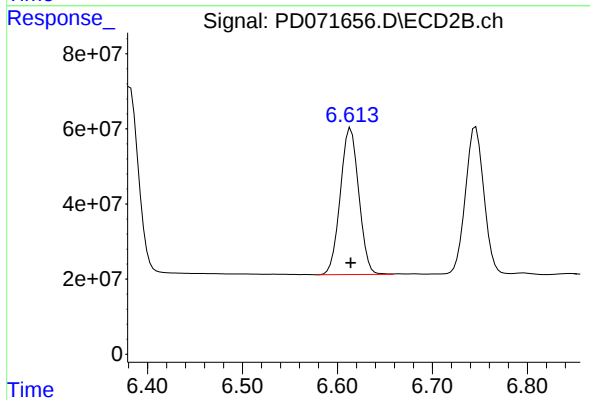
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 688663192  
Conc: 41.57 ng/ml



#14 Endrin

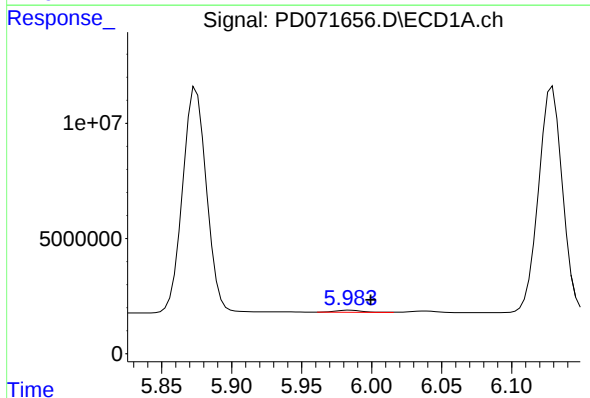
R.T.: 5.727 min  
Delta R.T.: 0.022 min  
Response: 110776123  
Conc: 33.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



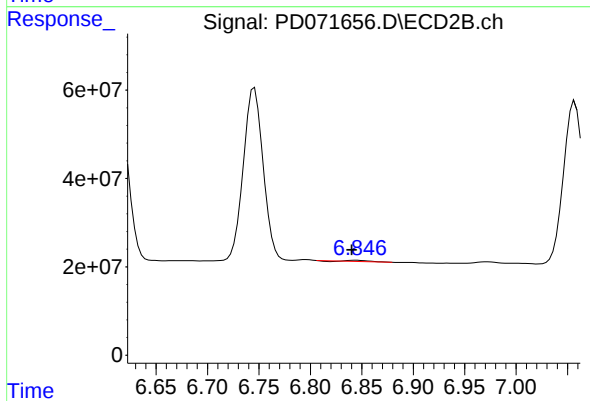
#14 Endrin

R.T.: 6.614 min  
Delta R.T.: 0.000 min  
Response: 529119941  
Conc: 41.69 ng/ml



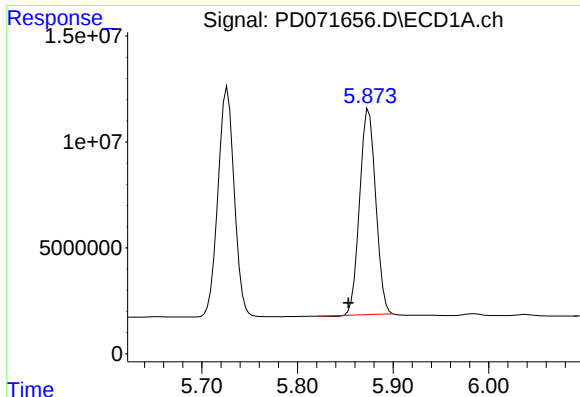
#15 Endosulfan II

R.T.: 5.984 min  
Delta R.T.: -0.015 min  
Response: 1202723  
Conc: 0.39 ng/ml



#15 Endosulfan II

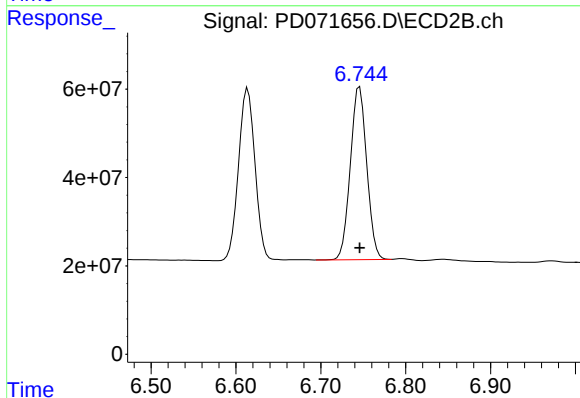
R.T.: 6.845 min  
Delta R.T.: 0.005 min  
Response: 2852730  
Conc: 0.22 ng/ml



#16 4,4'-DDD

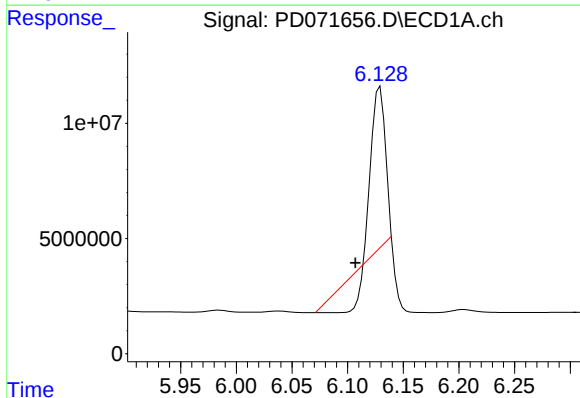
R.T.: 5.875 min  
Delta R.T.: 0.021 min  
Response: 113377661  
Conc: 41.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



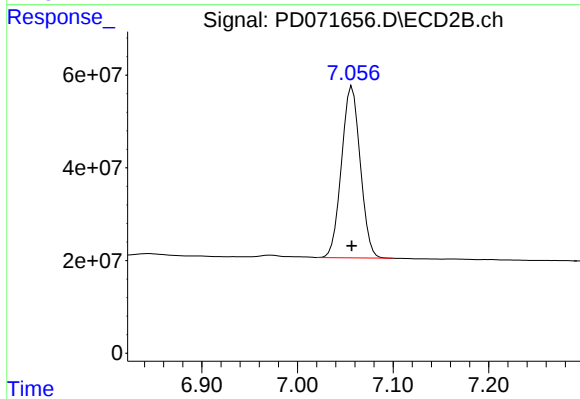
#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 525326294  
Conc: 43.15 ng/ml



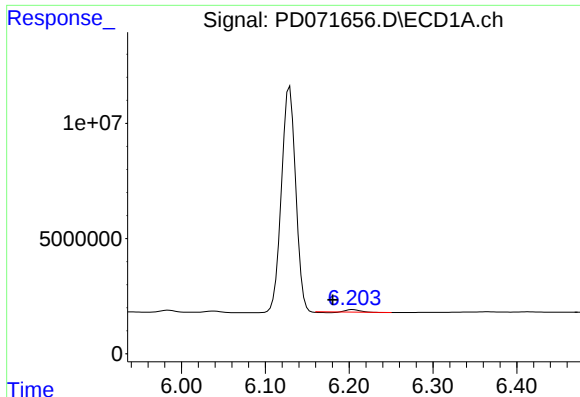
#17 4,4'-DDT

R.T.: 6.129 min  
Delta R.T.: 0.022 min  
Response: 42970480  
Conc: 15.21 ng/ml



#17 4,4'-DDT

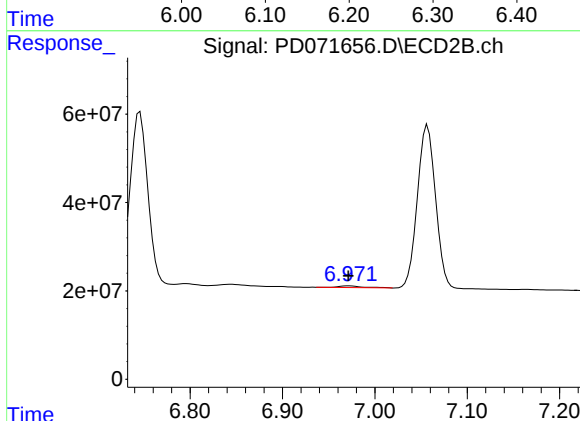
R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 505931180  
Conc: 42.77 ng/ml



#18 Endrin aldehyde

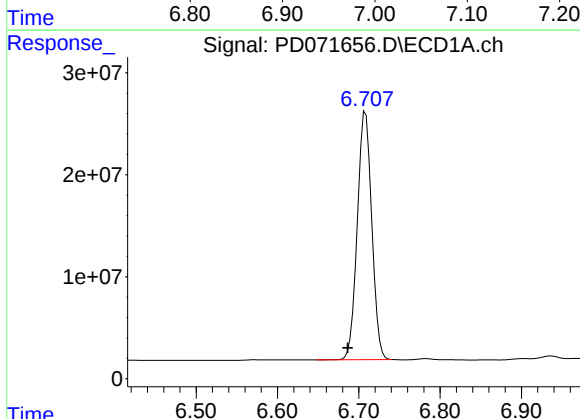
R.T.: 6.205 min  
Delta R.T.: 0.024 min  
Response: 1037963  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



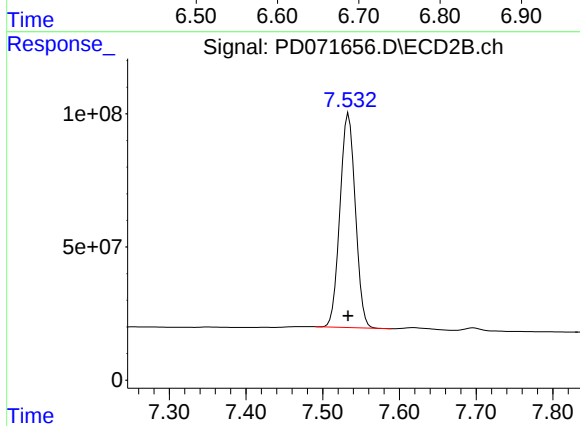
#18 Endrin aldehyde

R.T.: 6.972 min  
Delta R.T.: 0.000 min  
Response: 6960720  
Conc: 0.63 ng/ml



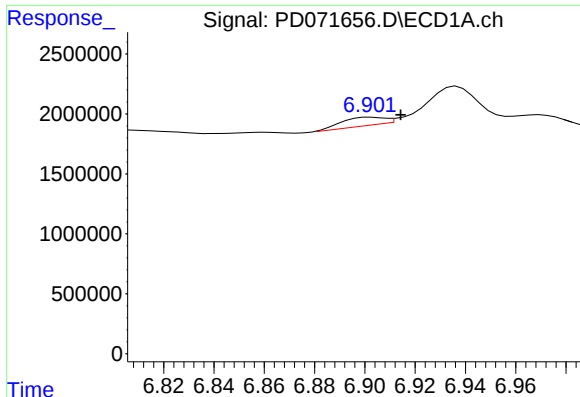
#20 Methoxychlor

R.T.: 6.708 min  
Delta R.T.: 0.022 min  
Response: 300253204  
Conc: 207.97 ng/ml



#20 Methoxychlor

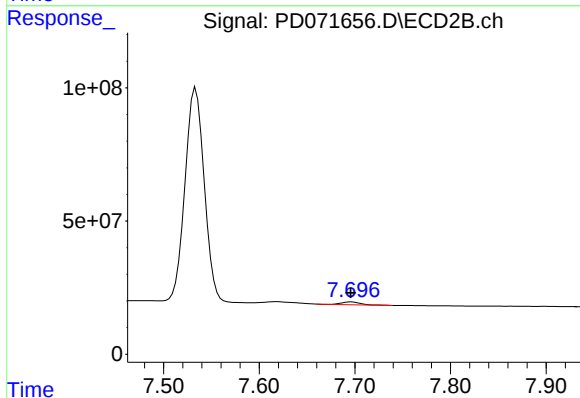
R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 1122950088  
Conc: 213.48 ng/ml



#21 Endrin ketone

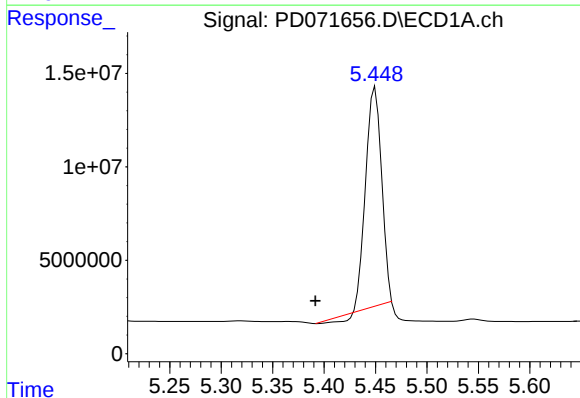
R.T.: 6.902 min  
Delta R.T.: -0.012 min  
Response: 826843  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



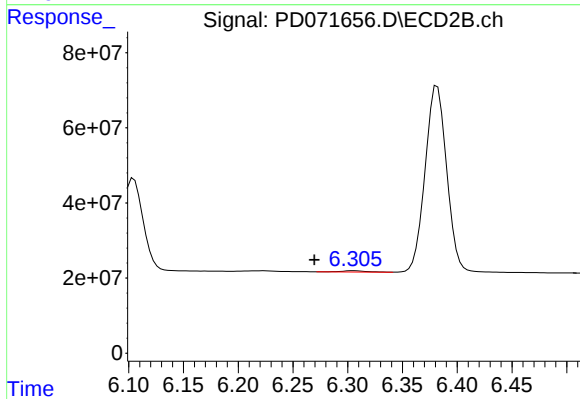
#21 Endrin ketone

R.T.: 7.696 min  
Delta R.T.: 0.000 min  
Response: 13712243  
Conc: 1.04 ng/ml



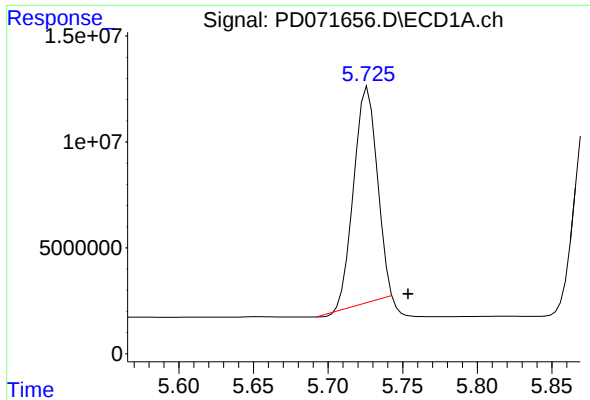
#22 Toxaphene-1

R.T.: 5.450 min  
Delta R.T.: 0.058 min  
Response: 124302299  
Conc: 6808.31 ng/ml



#22 Toxaphene-1

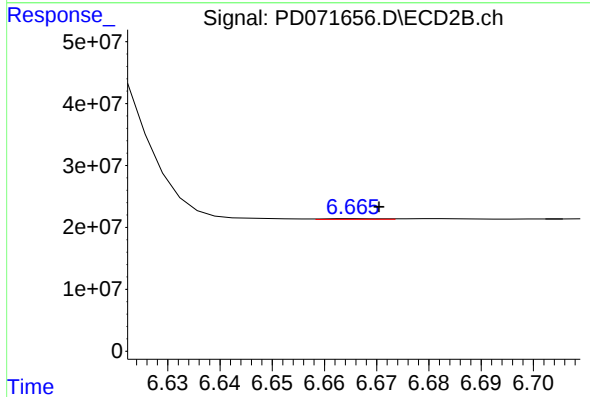
R.T.: 6.306 min  
Delta R.T.: 0.036 min  
Response: 5217474  
Conc: 42.87 ng/ml



#23 Toxaphene-2

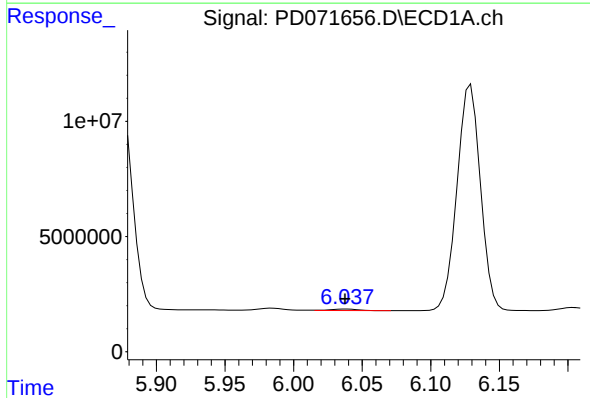
R.T.: 5.727 min  
Delta R.T.: -0.027 min  
Response: 110776123  
Conc: 5466.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



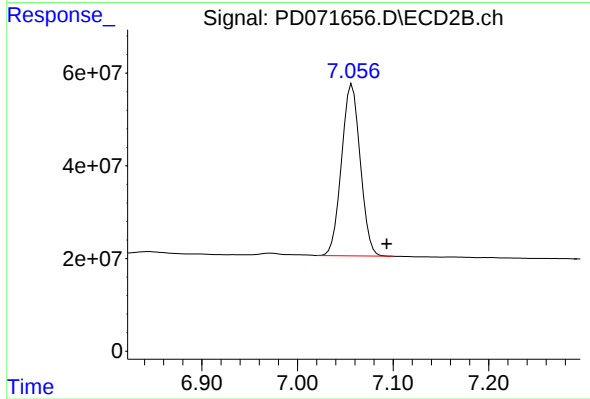
#23 Toxaphene-2

R.T.: 6.666 min  
Delta R.T.: -0.004 min  
Response: 932498  
Conc: 10.40 ng/ml



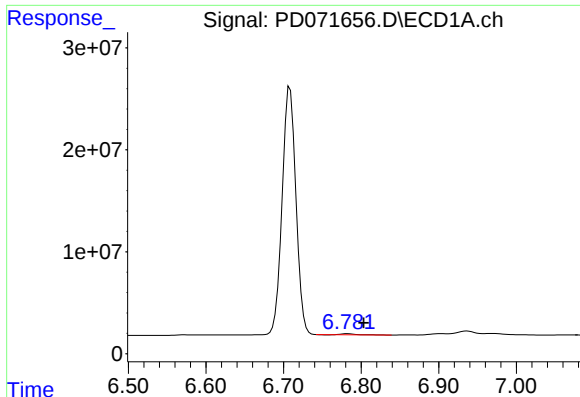
#24 Toxaphene-3

R.T.: 6.039 min  
Delta R.T.: 0.001 min  
Response: 826183  
Conc: 35.93 ng/ml



#24 Toxaphene-3

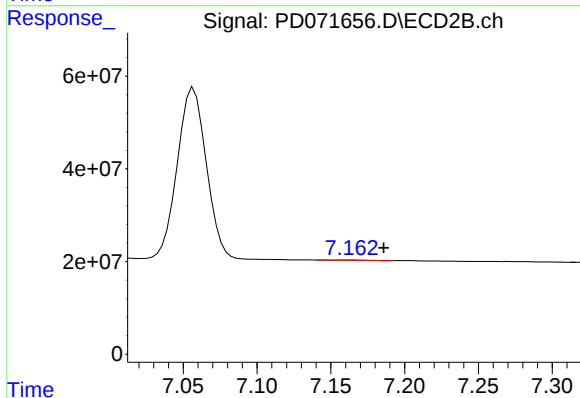
R.T.: 7.057 min  
Delta R.T.: -0.036 min  
Response: 505931180  
Conc: 1507.47 ng/ml



#25 Toxaphene-4

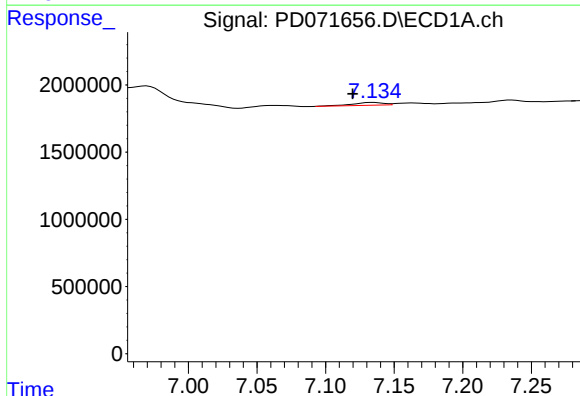
R.T.: 6.782 min  
Delta R.T.: -0.021 min  
Response: 1084639  
Conc: 11.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



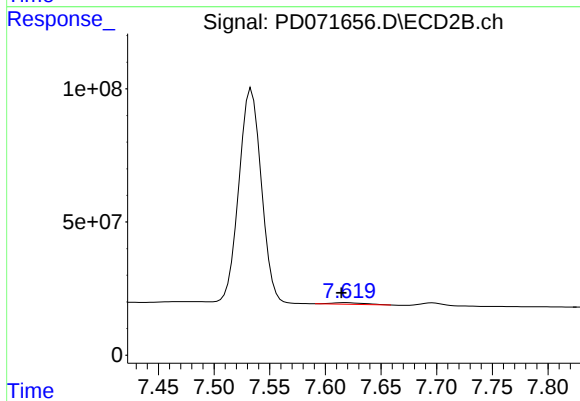
#25 Toxaphene-4

R.T.: 7.163 min  
Delta R.T.: -0.023 min  
Response: 954940  
Conc: 3.54 ng/ml



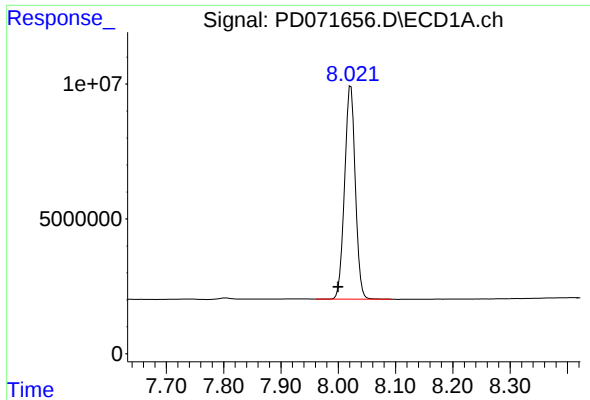
#26 Toxaphene-5

R.T.: 7.135 min  
Delta R.T.: 0.015 min  
Response: 316743  
Conc: 7.46 ng/ml



#26 Toxaphene-5

R.T.: 7.619 min  
Delta R.T.: 0.004 min  
Response: 12101140  
Conc: 78.07 ng/ml



#27 Decachlorobiphenyl

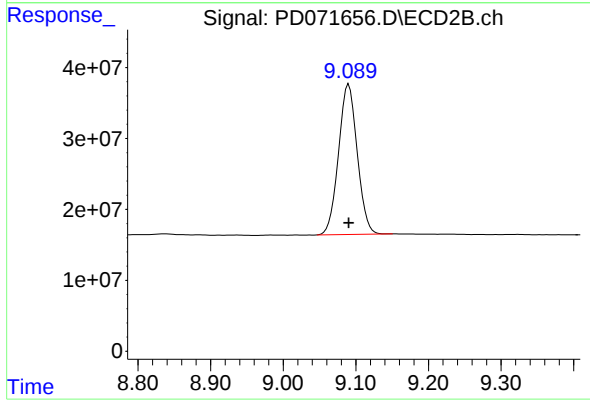
R.T.: 8.022 min

Delta R.T.: 0.022 min

Response: 103231272

Conc: 36.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.090 min

Delta R.T.: 0.000 min

Response: 379284386

Conc: 39.56 ng/ml