

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051623\  
 Data File : PD075518.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 May 2023 11:42  
 Operator : AR\AJ  
 Sample : INDB420  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 16 21:39:17 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 04 02:14:07 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

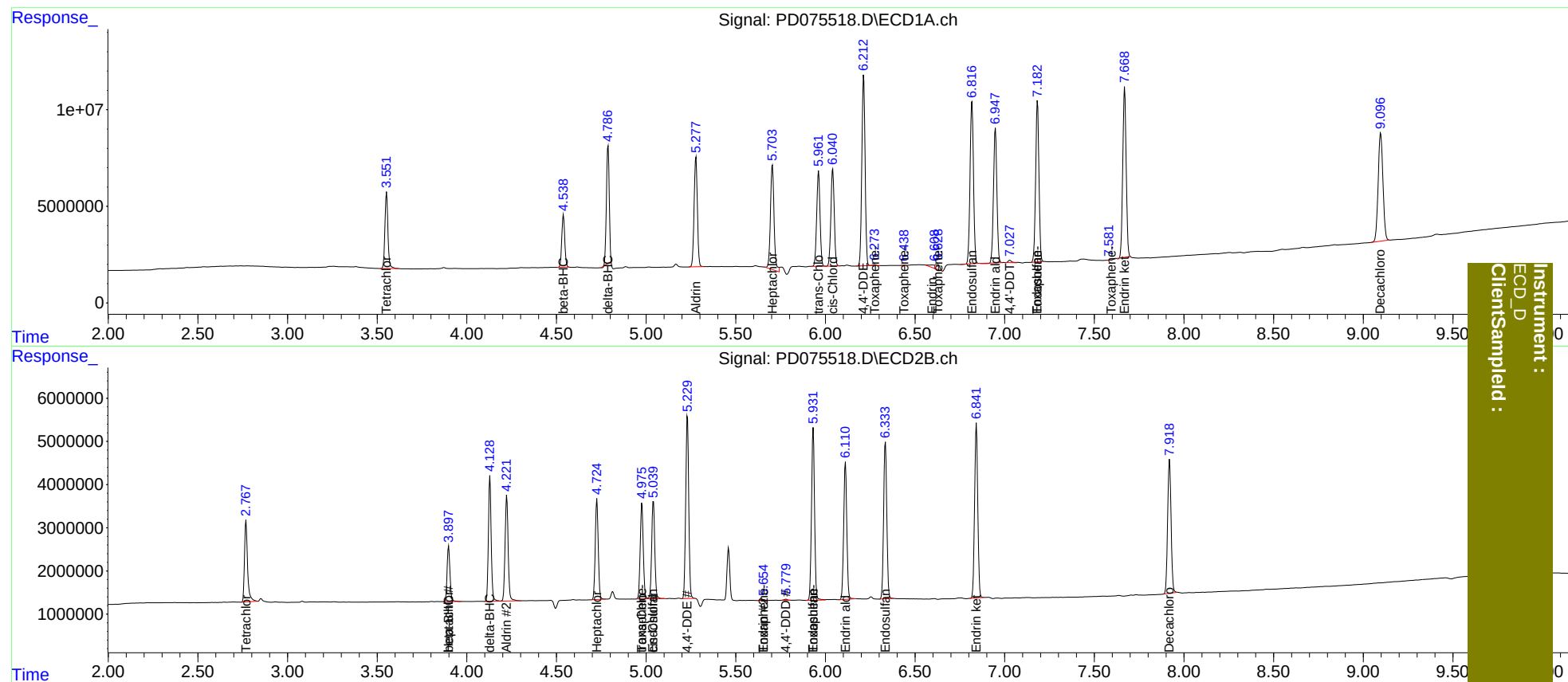
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.552  | 2.768  | 46002259 | 22219919 | 20.169   | 21.067     |
| 27)                         | SA Decachlor... | 9.097  | 7.920  | 103.9E6  | 41229078 | 41.972   | 43.657     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.009  | 0.000  | 37973    | 0        | <MDL     | N.D. #     |
| 3)                          | MA gamma-BHC... | 4.368f | 0.000  | 28250    | 0        | <MDL     | N.D. #     |
| 4)                          | MA Heptachlor   | 4.933  | 3.899f | -89618   | 14477985 | N.D.     | 9.908      |
| 5)                          | MB Aldrin       | 5.278  | 4.223  | 71390960 | 29182175 | 19.572   | 19.677     |
| 6)                          | B beta-BHC      | 4.539  | 3.899  | 31302992 | 14477985 | 19.070   | 19.883     |
| 7)                          | B delta-BHC     | 4.788  | 4.129  | 66511407 | 31163484 | 19.677   | 19.723     |
| 8)                          | B Heptachlo...  | 5.704  | 4.726  | 75506782 | 26726141 | 22.278   | 19.162     |
| 9)                          | A Endosulfan I  | 6.096  | 5.041f | 35300    | 27293691 | <MDL     | 22.742 #   |
| 10)                         | B trans-Chl...  | 5.962  | 4.977  | 63687979 | 26267616 | 19.437   | 19.250     |
| 11)                         | B cis-Chlor...  | 6.041  | 5.041  | 65555352 | 27293691 | 19.236   | 19.557     |
| 12)                         | B 4,4'-DDE      | 6.213  | 5.230  | 123.6E6  | 49347229 | 37.863   | 38.386     |
| 13)                         | MA Dieldrin     | 6.375  | 0.000  | 106392   | 0        | <MDL     | N.D. #     |
| 14)                         | MA Endrin       | 6.595  | 5.656  | 2673783  | 254243   | 0.925    | 0.209 #    |
| 15)                         | B Endosulfa...  | 6.818  | 5.932  | 112.7E6  | 47157348 | 34.982   | 36.857     |
| 16)                         | A 4,4'-DDD      | 6.729  | 5.780  | 183700   | 290331   | <MDL     | 0.293 #    |
| 17)                         | MA 4,4'-DDT     | 7.029  | 0.000  | 1838094  | 0        | 0.724    | N.D. #     |
| 18)                         | B Endrin al...  | 6.948  | 6.112  | 90971290 | 38407442 | 38.456   | 37.822     |
| 19)                         | B Endosulfa...  | 7.183  | 6.335  | 106.1E6  | 44428839 | 38.586   | 38.201     |
| 20)                         | A Methoxychlor  | 7.585f | 0.000  | 14150    | 0        | <MDL     | N.D. #     |
| 21)                         | B Endrin ke...  | 7.669  | 6.842  | 115.9E6  | 49787471 | 38.231   | 37.757     |
| 22)                         | Toxaphene-1     | 6.274  | 4.977  | 691450   | 26267616 | 30.055   | 3803.193 # |
| 23)                         | Toxaphene-2     | 6.439  | 5.656  | 114503   | 254243   | 3.837    | 31.841 #   |
| 24)                         | Toxaphene-3     | 6.627f | 5.932f | 4422914  | 47157348 | 209.678  | 5382.419 # |
| 25)                         | Toxaphene-4     | 7.183  | 0.000  | 106.1E6  | 0        | 1628.126 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

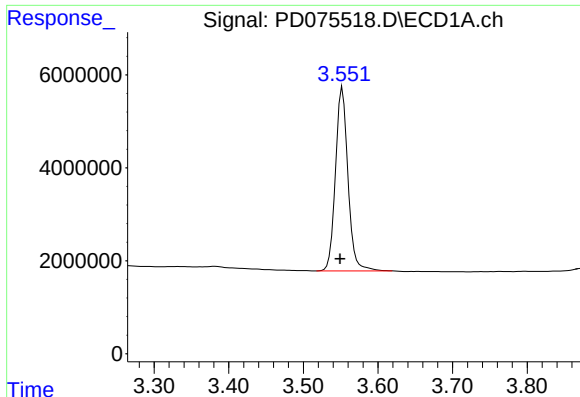
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051623\  
Data File : PD075518.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 May 2023 11:42  
Operator : AR\AJ  
Sample : INDB420  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 16 21:39:17 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050323CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu May 04 02:14:07 2023  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

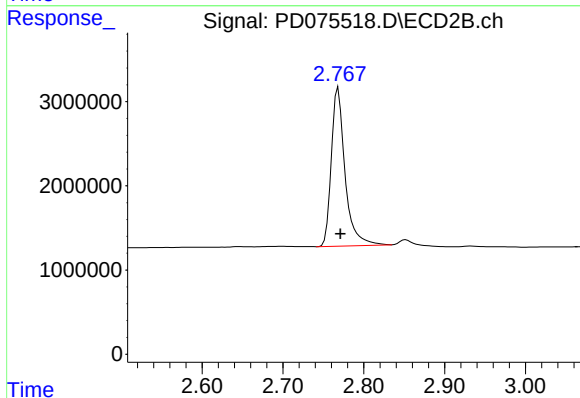




#1 Tetrachloro-m-xylene

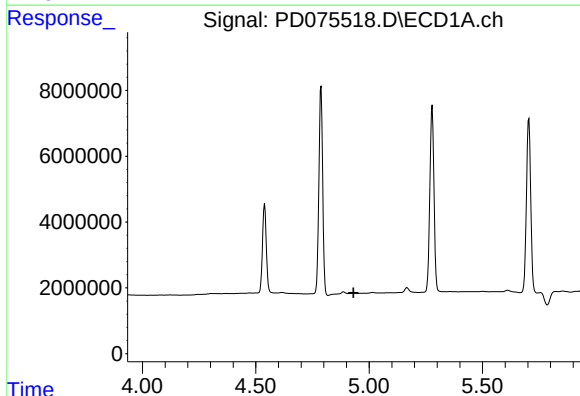
R.T.: 3.552 min  
Delta R.T.: 0.003 min  
Response: 46002259  
Conc: 20.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



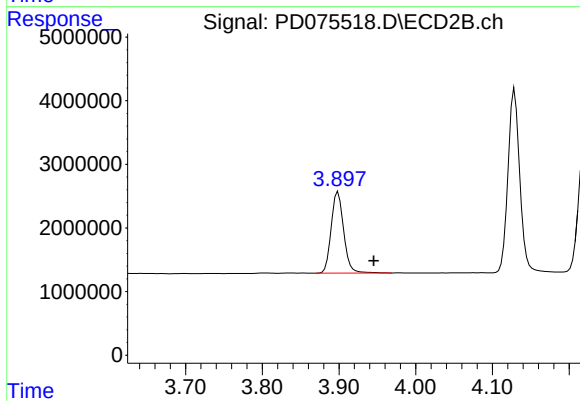
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: -0.003 min  
Response: 22219919  
Conc: 21.07 ng/ml



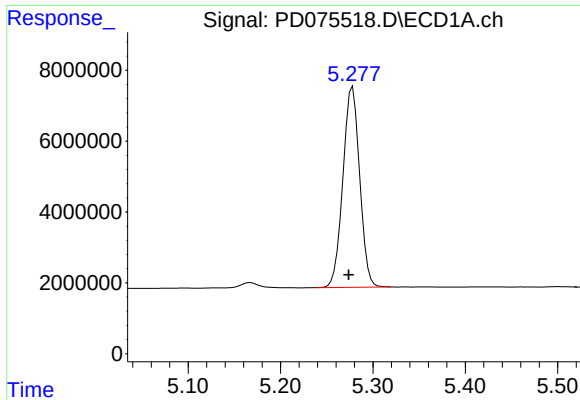
#4 Heptachlor

R.T.: 4.933 min  
Delta R.T.: 0.002 min  
Response: -89618  
Conc: N.D.



#4 Heptachlor

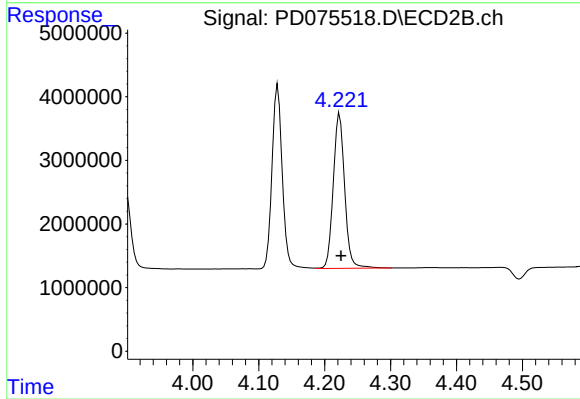
R.T.: 3.899 min  
Delta R.T.: -0.047 min  
Response: 14477985  
Conc: 9.91 ng/ml



#5 Aldrin

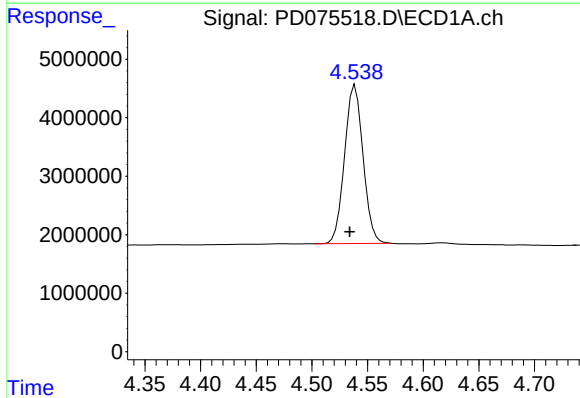
R.T.: 5.278 min  
Delta R.T.: 0.004 min  
Response: 71390960  
Conc: 19.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



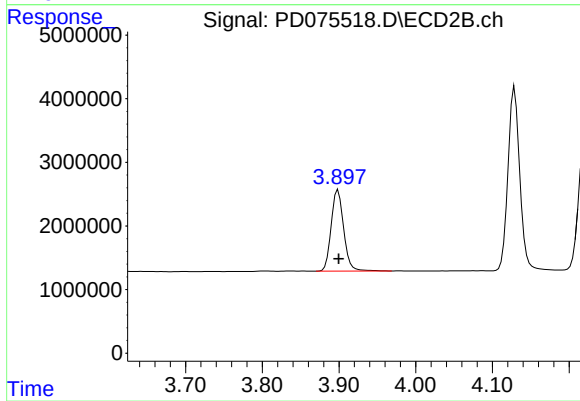
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: -0.002 min  
Response: 29182175  
Conc: 19.68 ng/ml



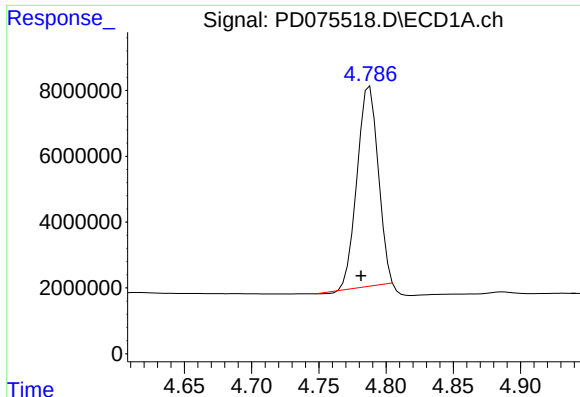
#6 beta-BHC

R.T.: 4.539 min  
Delta R.T.: 0.005 min  
Response: 31302992  
Conc: 19.07 ng/ml



#6 beta-BHC

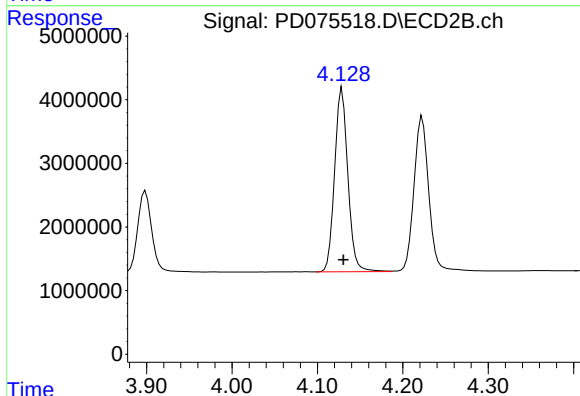
R.T.: 3.899 min  
Delta R.T.: -0.001 min  
Response: 14477985  
Conc: 19.88 ng/ml



#7 delta-BHC

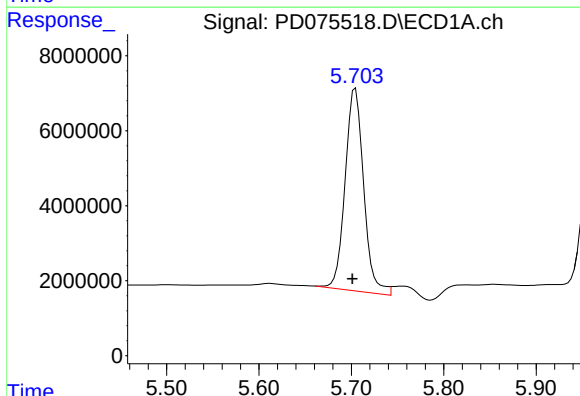
R.T.: 4.788 min  
Delta R.T.: 0.006 min  
Response: 66511407  
Conc: 19.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



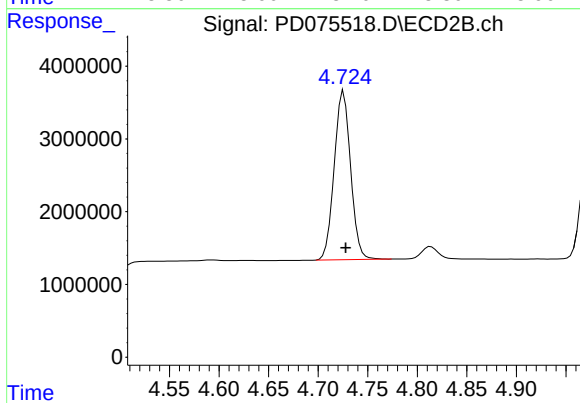
#7 delta-BHC

R.T.: 4.129 min  
Delta R.T.: -0.001 min  
Response: 31163484  
Conc: 19.72 ng/ml



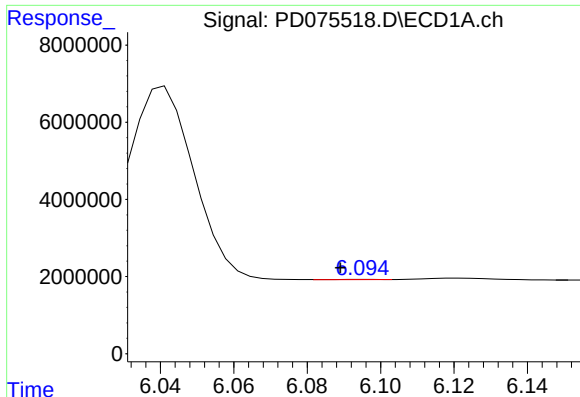
#8 Heptachlor epoxide

R.T.: 5.704 min  
Delta R.T.: 0.003 min  
Response: 75506782  
Conc: 22.28 ng/ml



#8 Heptachlor epoxide

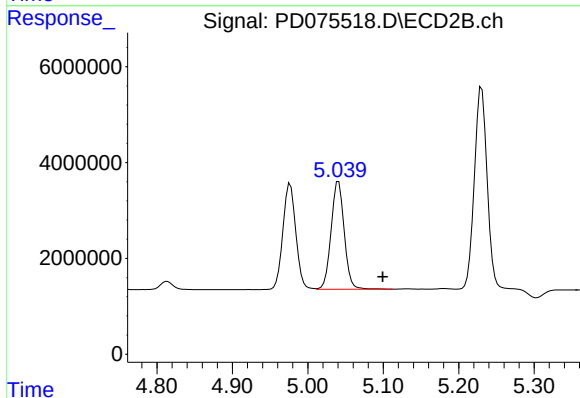
R.T.: 4.726 min  
Delta R.T.: -0.002 min  
Response: 26726141  
Conc: 19.16 ng/ml



#9 Endosulfan I

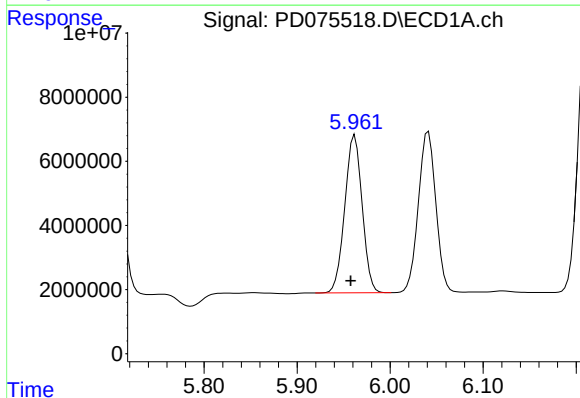
R.T.: 6.096 min  
Delta R.T.: 0.007 min  
Response: 35300  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



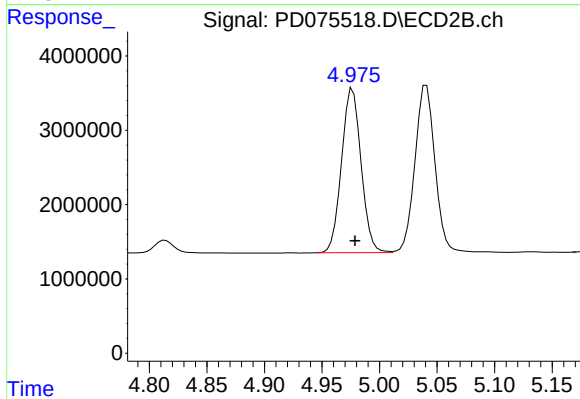
#9 Endosulfan I

R.T.: 5.041 min  
Delta R.T.: -0.059 min  
Response: 27293691  
Conc: 22.74 ng/ml



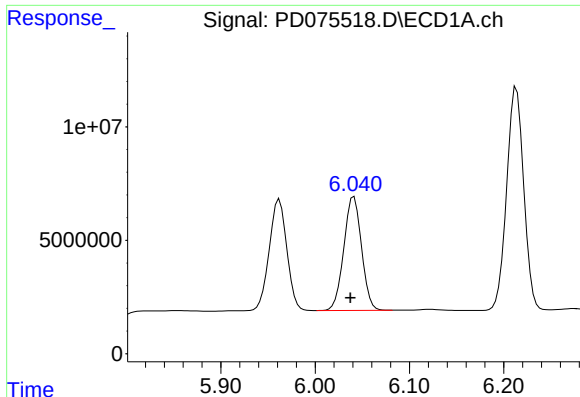
#10 trans-Chlordane

R.T.: 5.962 min  
Delta R.T.: 0.004 min  
Response: 63687979  
Conc: 19.44 ng/ml



#10 trans-Chlordane

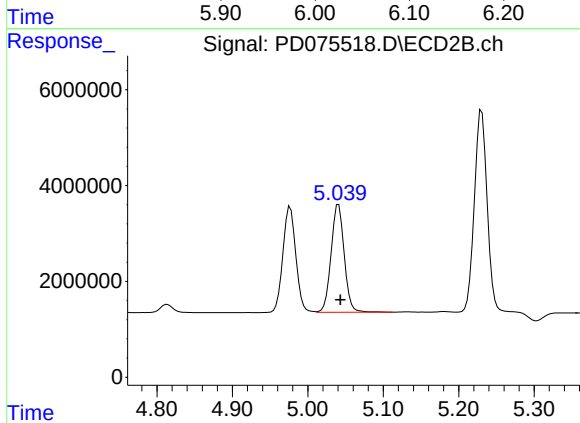
R.T.: 4.977 min  
Delta R.T.: -0.002 min  
Response: 26267616  
Conc: 19.25 ng/ml



#11 cis-Chlordane

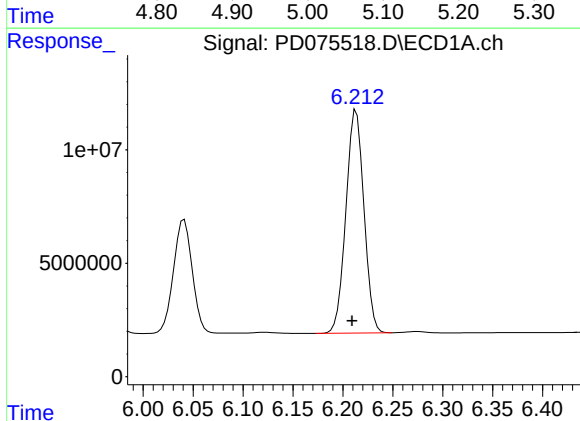
R.T.: 6.041 min  
Delta R.T.: 0.004 min  
Response: 65555352  
Conc: 19.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



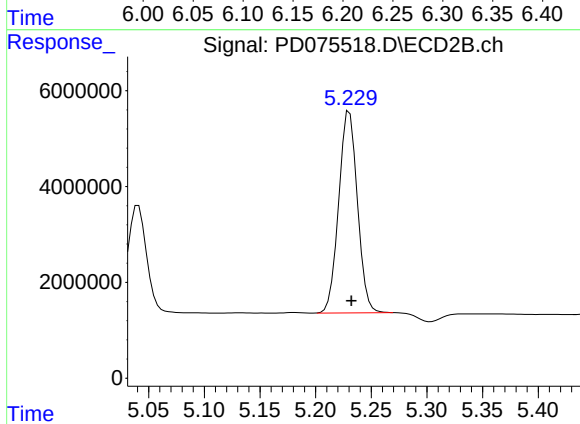
#11 cis-Chlordane

R.T.: 5.041 min  
Delta R.T.: -0.002 min  
Response: 27293691  
Conc: 19.56 ng/ml



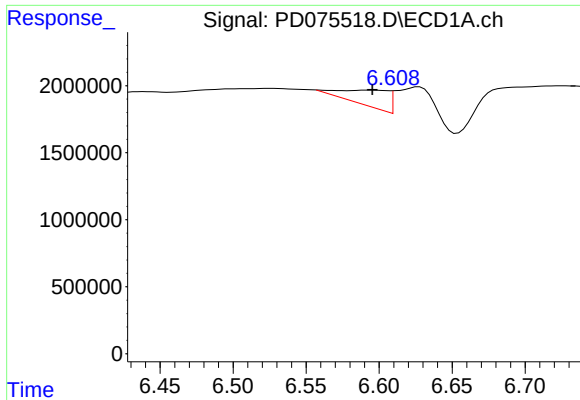
#12 4,4'-DDE

R.T.: 6.213 min  
Delta R.T.: 0.004 min  
Response: 123645980  
Conc: 37.86 ng/ml



#12 4,4'-DDE

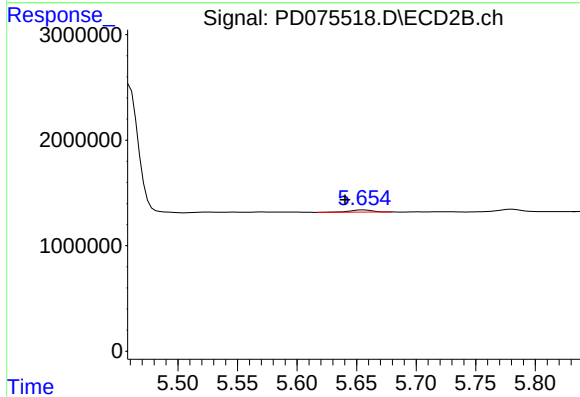
R.T.: 5.230 min  
Delta R.T.: -0.002 min  
Response: 49347229  
Conc: 38.39 ng/ml



#14 Endrin

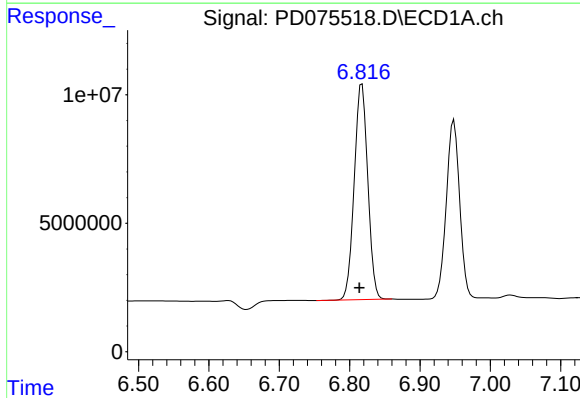
R.T.: 6.595 min  
Delta R.T.: 0.000 min  
Response: 2673783  
Conc: 0.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



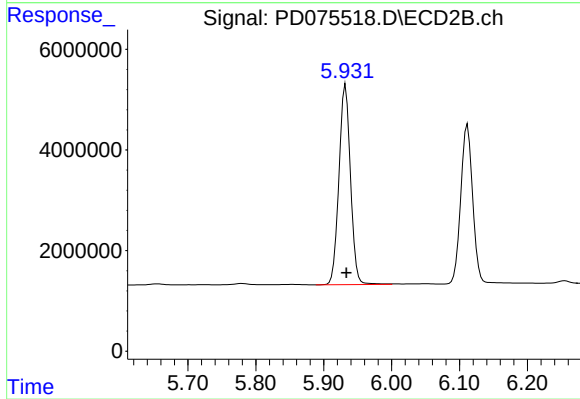
#14 Endrin

R.T.: 5.656 min  
Delta R.T.: 0.015 min  
Response: 254243  
Conc: 0.21 ng/ml



#15 Endosulfan II

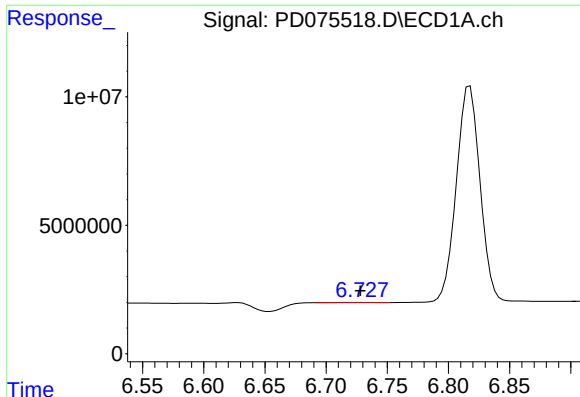
R.T.: 6.818 min  
Delta R.T.: 0.004 min  
Response: 112657179  
Conc: 34.98 ng/ml



#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: -0.001 min  
Response: 47157348  
Conc: 36.86 ng/ml

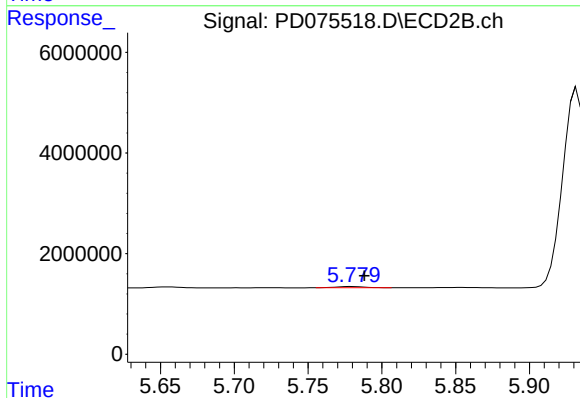




#16 4,4'-DDD

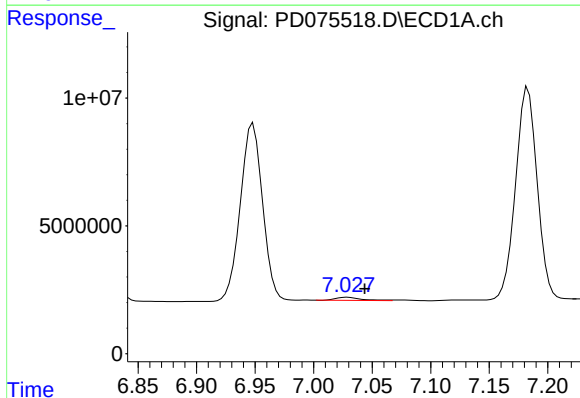
R.T.: 6.729 min  
Delta R.T.: 0.000 min  
Response: 183700  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



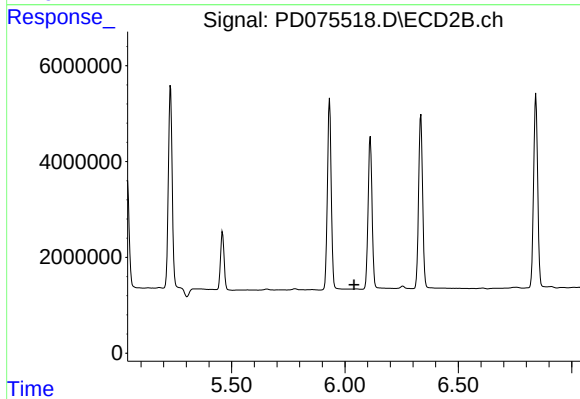
#16 4,4'-DDD

R.T.: 5.780 min  
Delta R.T.: -0.008 min  
Response: 290331  
Conc: 0.29 ng/ml



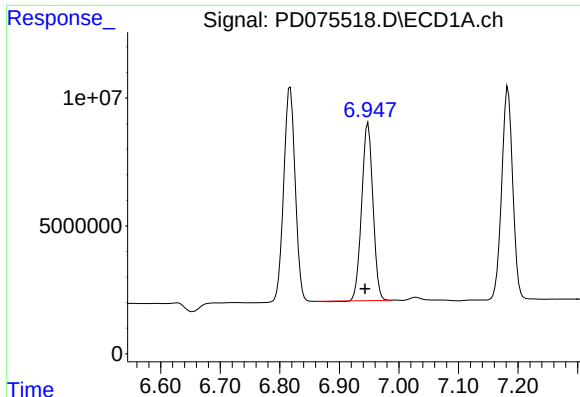
#17 4,4'-DDT

R.T.: 7.029 min  
Delta R.T.: -0.015 min  
Response: 1838094  
Conc: 0.72 ng/ml



#17 4,4'-DDT

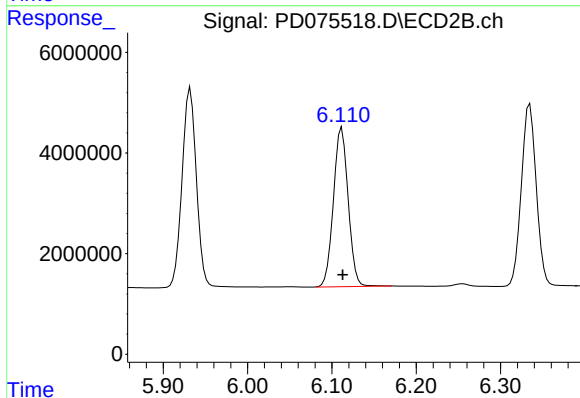
R.T.: 0.000 min  
Exp R.T.: 6.040 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

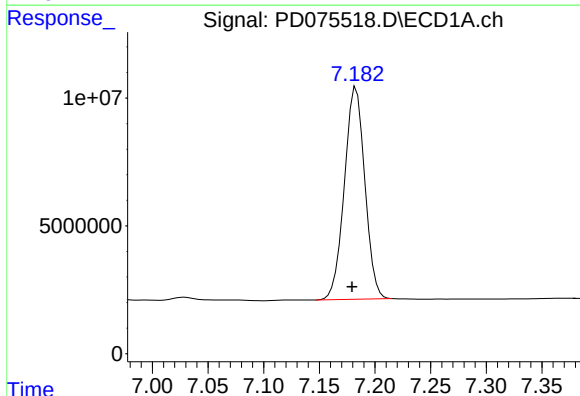
R.T.: 6.948 min  
Delta R.T.: 0.005 min  
Response: 90971290  
Conc: 38.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



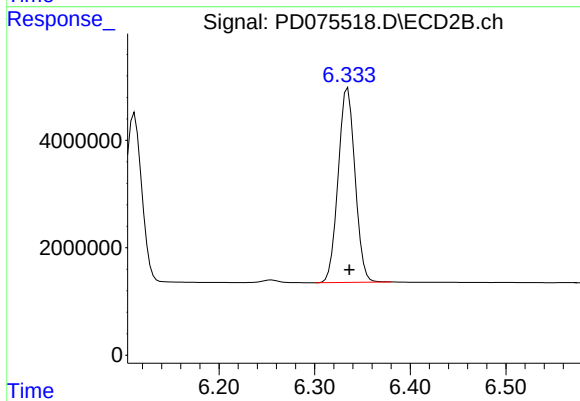
#18 Endrin aldehyde

R.T.: 6.112 min  
Delta R.T.: -0.001 min  
Response: 38407442  
Conc: 37.82 ng/ml



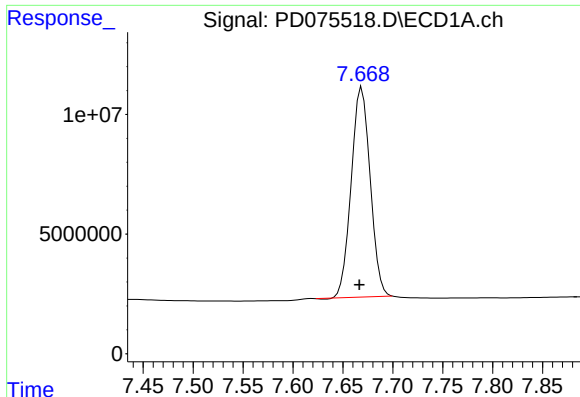
#19 Endosulfan Sulfate

R.T.: 7.183 min  
Delta R.T.: 0.004 min  
Response: 106140514  
Conc: 38.59 ng/ml



#19 Endosulfan Sulfate

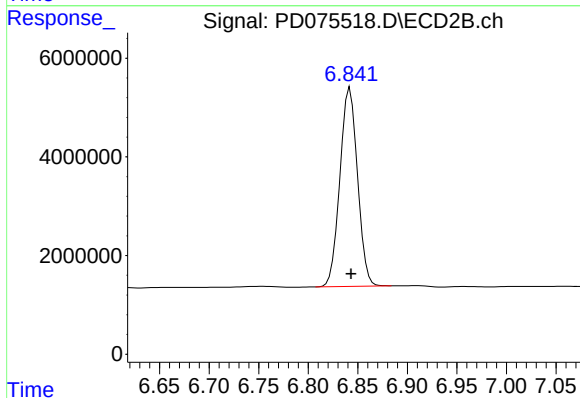
R.T.: 6.335 min  
Delta R.T.: -0.002 min  
Response: 44428839  
Conc: 38.20 ng/ml



#21 Endrin ketone

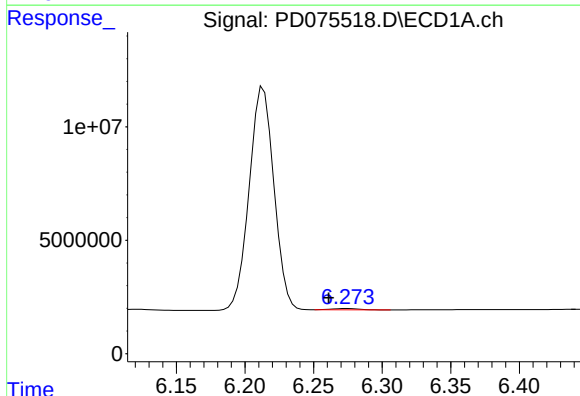
R.T.: 7.669 min  
Delta R.T.: 0.003 min  
Response: 115886379  
Conc: 38.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



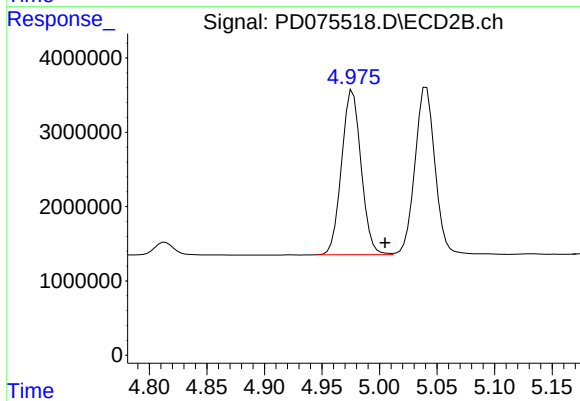
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.001 min  
Response: 49787471  
Conc: 37.76 ng/ml



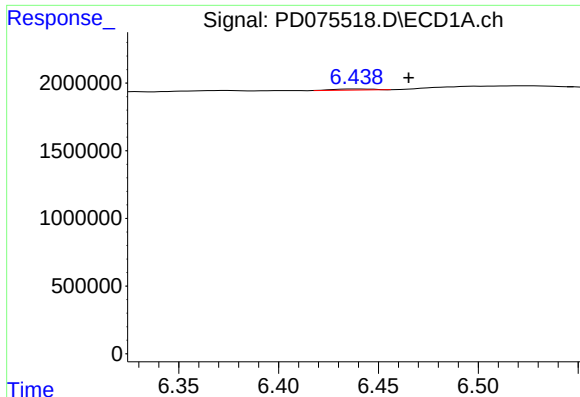
#22 Toxaphene-1

R.T.: 6.274 min  
Delta R.T.: 0.013 min  
Response: 691450  
Conc: 30.06 ng/ml



#22 Toxaphene-1

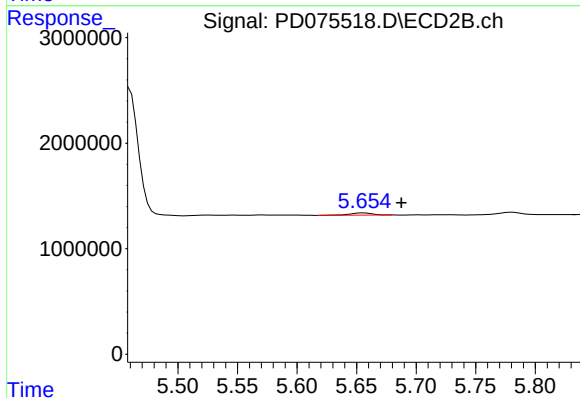
R.T.: 4.977 min  
Delta R.T.: -0.028 min  
Response: 26267616  
Conc: 3803.19 ng/ml



#23 Toxaphene-2

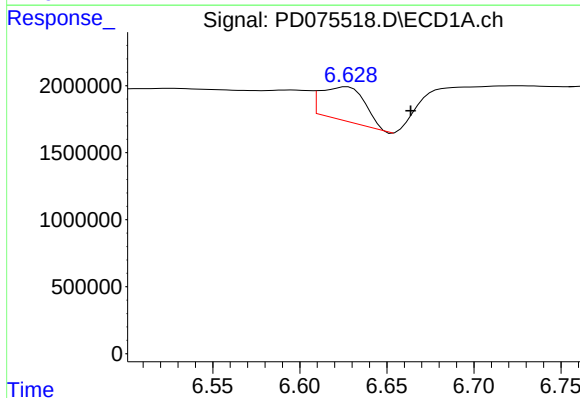
R.T.: 6.439 min  
Delta R.T.: -0.026 min  
Response: 114503  
Conc: 3.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



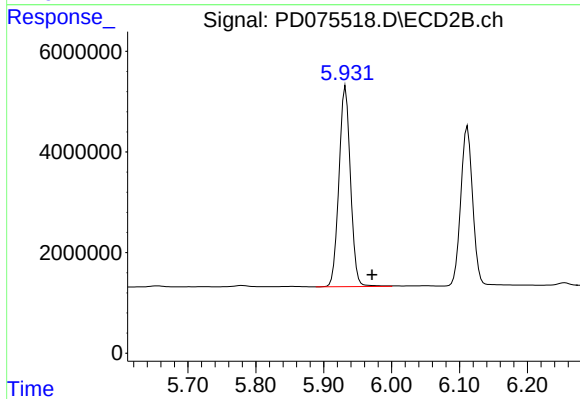
#23 Toxaphene-2

R.T.: 5.656 min  
Delta R.T.: -0.032 min  
Response: 254243  
Conc: 31.84 ng/ml



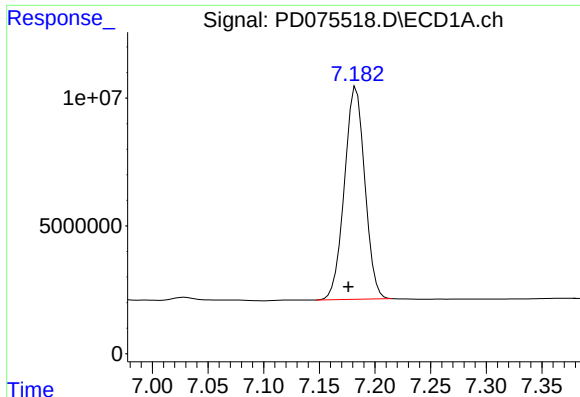
#24 Toxaphene-3

R.T.: 6.627 min  
Delta R.T.: -0.036 min  
Response: 4422914  
Conc: 209.68 ng/ml



#24 Toxaphene-3

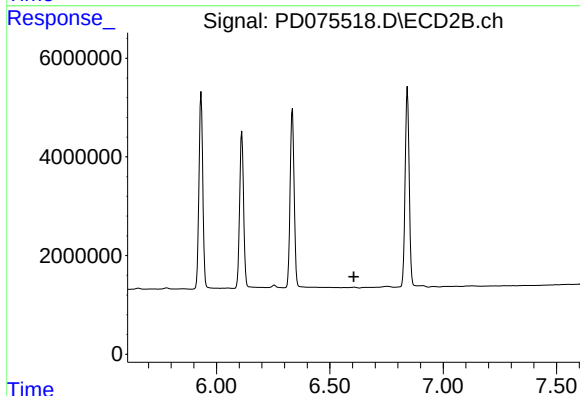
R.T.: 5.932 min  
Delta R.T.: -0.039 min  
Response: 47157348  
Conc: 5382.42 ng/ml



#25 Toxaphene-4

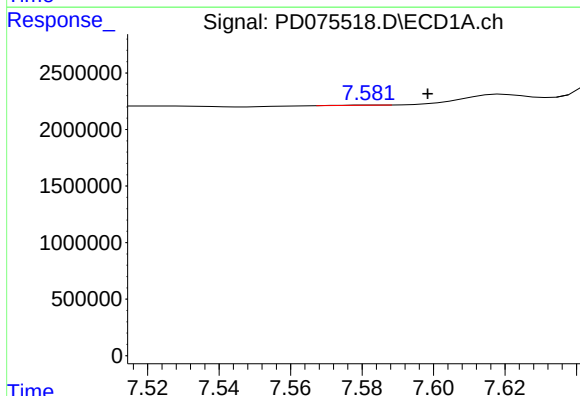
R.T.: 7.183 min  
Delta R.T.: 0.007 min  
Response: 106140514  
Conc: 1628.13 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



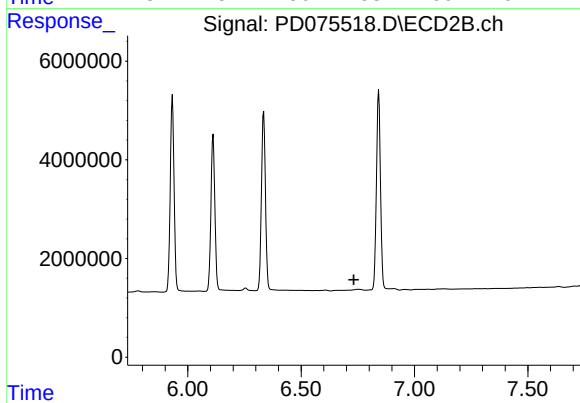
#25 Toxaphene-4

R.T.: 0.000 min  
Exp R.T. : 6.606 min  
Response: 0  
Conc: N.D.



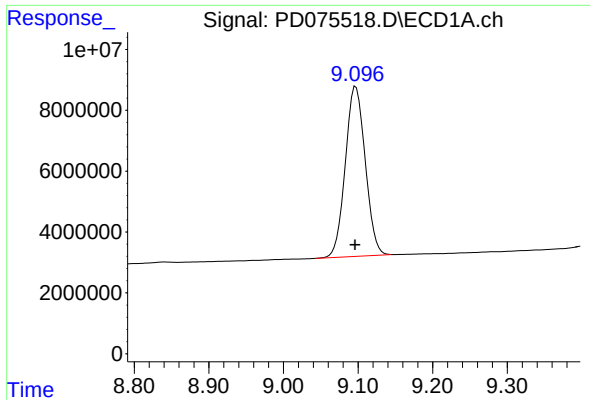
#26 Toxaphene-5

R.T.: 7.585 min  
Delta R.T.: -0.014 min  
Response: 14150  
Conc: 0.30 ng/ml



#26 Toxaphene-5

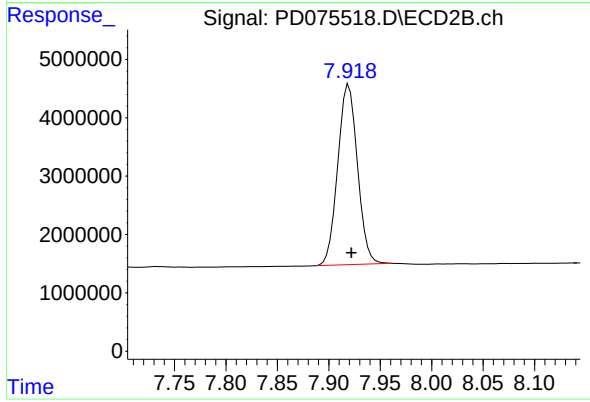
R.T.: 6.754 min  
Delta R.T.: 0.022 min  
Response: -26822  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: 0.001 min  
Response: 103869672  
Conc: 41.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.920 min  
Delta R.T.: -0.002 min  
Response: 41229078  
Conc: 43.66 ng/ml