

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051023\  
 Data File : PD075386.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 May 2023 14:55  
 Operator : AR\AJ  
 Sample : 02591-07  
 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: May 10 21:11:00 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

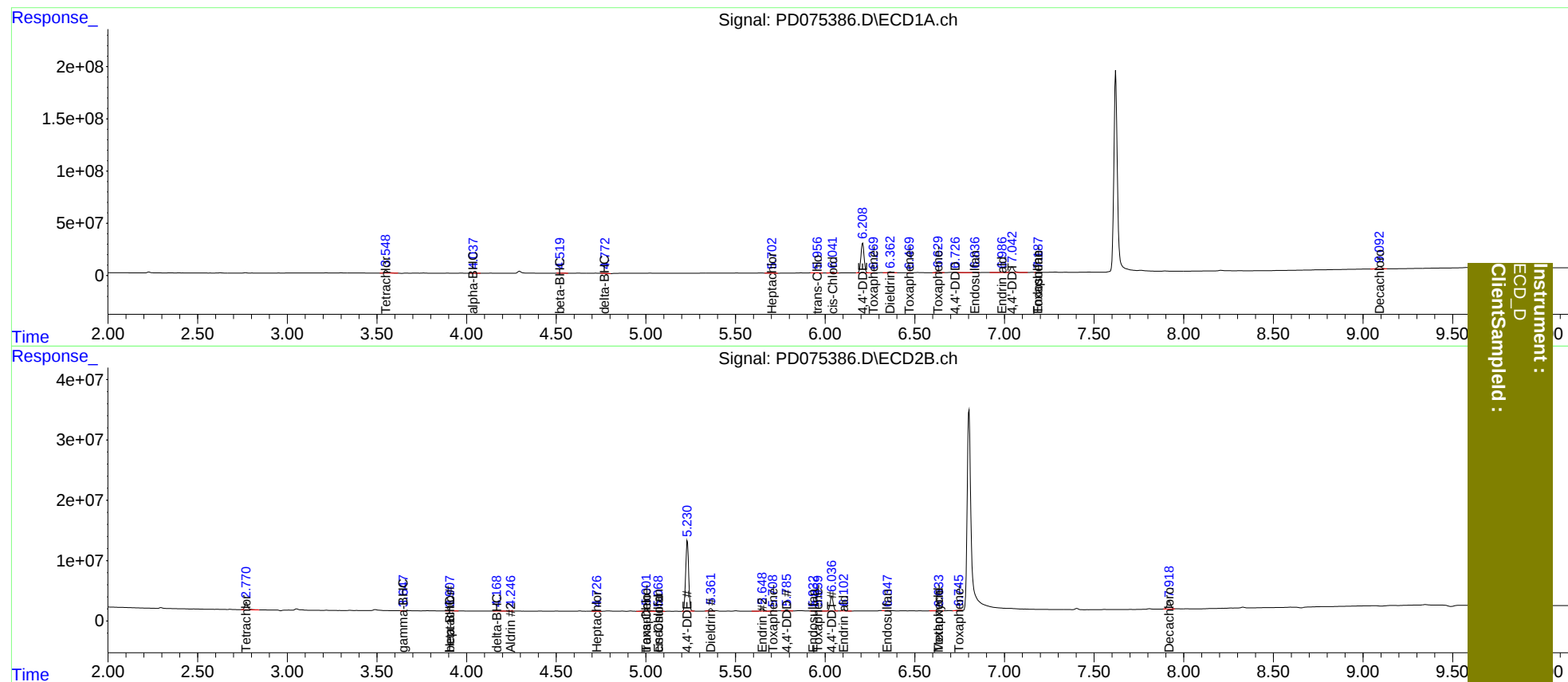
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.550  | 2.771  | 39337863 | 14373585 | 17.247  | 13.628    |
| 2)                          | SA Decachlor... | 9.093  | 7.919  | 40955862 | 17059823 | 16.550  | 18.064    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.038f | 0.000  | 819025   | 0        | 0.213   | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.368f | 3.649f | -115589  | 428187   | N.D.    | 0.291     |
| 4)                          | MA Heptachlor   | 4.964f | 3.909f | 42671    | 487586   | <MDL    | 0.334 #   |
| 5)                          | MB Aldrin       | 5.263  | 4.247  | 107234   | 391799   | <MDL    | 0.264 #   |
| 6)                          | B beta-BHC      | 4.519  | 3.909  | 867517   | 487586   | 0.528   | 0.670 #   |
| 7)                          | B delta-BHC     | 4.769  | 4.169f | 4398885  | 614249   | 1.301   | 0.389 #   |
| 8)                          | B Heptachlo...  | 5.703  | 4.728  | 2524783  | 173831   | 0.745   | 0.125 #   |
| 9)                          | A Endosulfan I  | 6.093  | 5.070  | 53630    | 436066   | <MDL    | 0.363 #   |
| 10)                         | B trans-Chl...  | 5.958  | 5.002  | 2515619  | 6629061  | 0.768   | 4.858 #   |
| 11)                         | B cis-Chlor...  | 6.043  | 5.070  | 12312847 | 436066   | 3.613   | 0.312 #   |
| 12)                         | B 4,4'-DDE      | 6.210  | 5.231  | 350.8E6  | 135.0E6  | 107.433 | 104.999   |
| 13)                         | MA Dieldrin     | 6.364  | 5.363  | 10639931 | 5357563  | 3.111   | 3.927 #   |
| 14)                         | MA Endrin       | 6.585  | 5.649  | -69064   | 6456164  | N.D.    | 5.308     |
| 15)                         | B Endosulfa...  | 6.838  | 5.934  | 3126191  | 216707   | 0.971   | 0.169 #   |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.787  | 3380240  | 1948163  | 1.399   | 1.965 #   |
| 17)                         | MA 4,4'-DDT     | 7.043  | 6.038  | 77459539 | 29688406 | 30.517  | 29.457    |
| 18)                         | B Endrin al...  | 6.988f | 6.103  | 721229   | 2755480  | 0.305   | 2.713 #   |
| 19)                         | B Endosulfa...  | 7.188  | 6.349  | 756568   | 209016   | 0.275   | 0.180 #   |
| 20)                         | A Methoxychlor  | 7.519  | 6.635  | 69047    | 1171631  | <MDL    | 2.046 #   |
| 22)                         | Toxaphene-1     | 6.271  | 5.002  | 17299    | 6629061  | 0.752   | 959.798 # |
| 23)                         | Toxaphene-2     | 6.471  | 5.709  | 36107    | 1312636  | 1.210   | 164.392 # |
| 24)                         | Toxaphene-3     | 6.630  | 5.960  | 16282930 | 642187   | 771.927 | 73.298 #  |
| 25)                         | Toxaphene-4     | 7.188  | 6.635  | 756568   | 1171631  | 11.605  | 46.277 #  |
| 26)                         | Toxaphene-5     | 0.000  | 6.746  | 0        | 607209   | N.D.    | 16.719    |
| -----                       |                 |        |        |          |          |         |           |

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

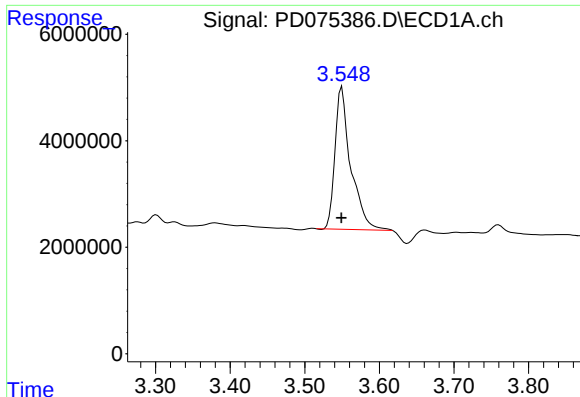
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD051023\  
Data File : PD075386.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 May 2023 14:55  
Operator : AR\AJ  
Sample : 02591-07  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 10 21:11:00 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



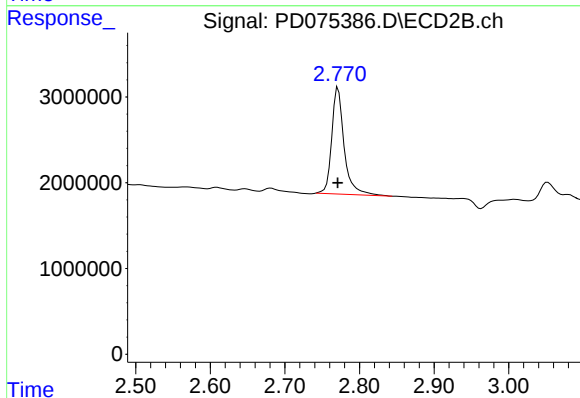
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

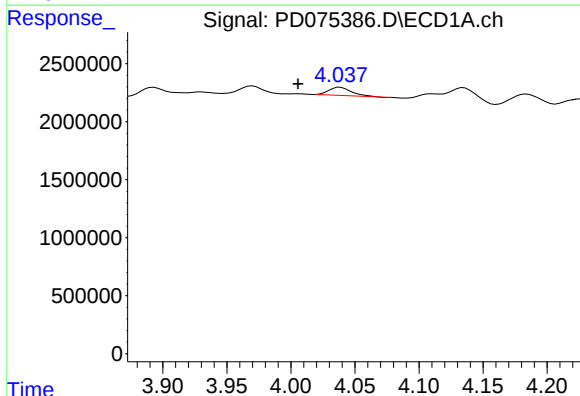
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 39337863  
Conc: 17.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



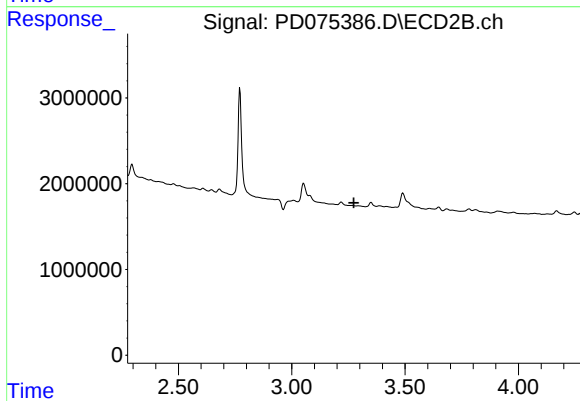
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 14373585  
Conc: 13.63 ng/ml



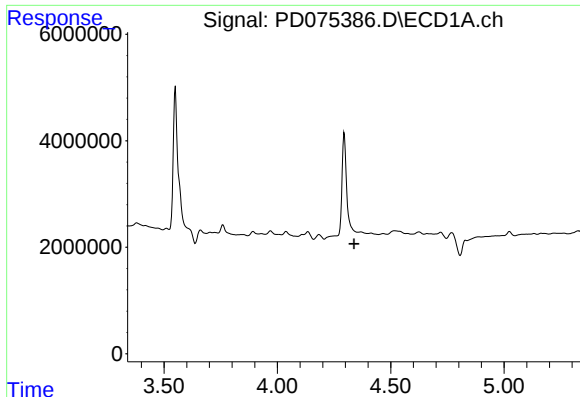
#2 alpha-BHC

R.T.: 4.038 min  
Delta R.T.: 0.033 min  
Response: 819025  
Conc: 0.21 ng/ml



#2 alpha-BHC

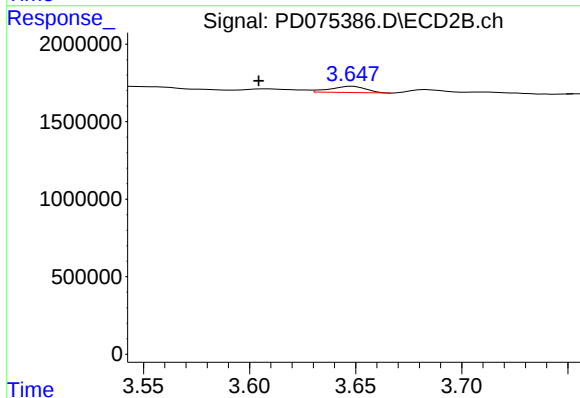
R.T.: 0.000 min  
Exp R.T. : 3.274 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

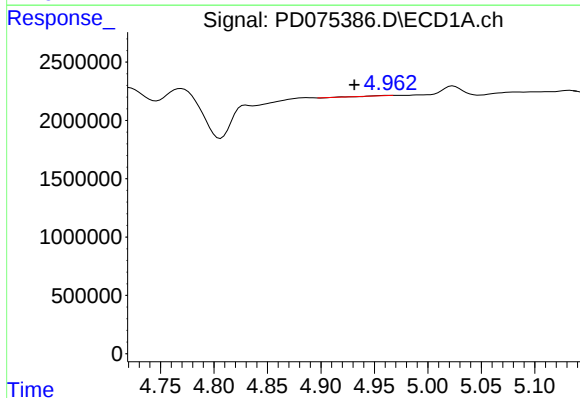
R.T.: 4.368 min  
Delta R.T.: 0.029 min  
Response: -115589  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



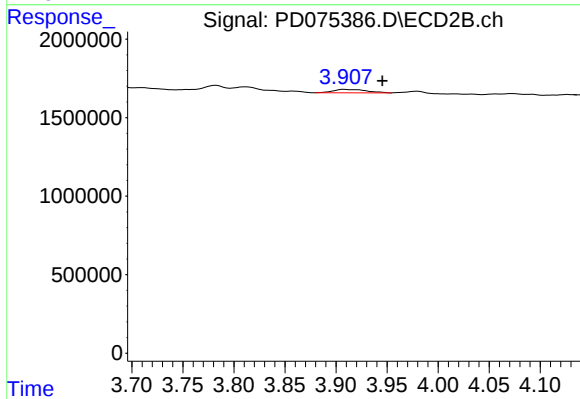
#3 gamma-BHC (Lindane)

R.T.: 3.649 min  
Delta R.T.: 0.044 min  
Response: 428187  
Conc: 0.29 ng/ml



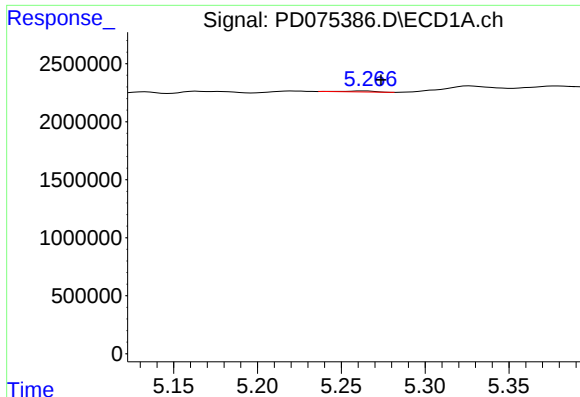
#4 Heptachlor

R.T.: 4.964 min  
Delta R.T.: 0.032 min  
Response: 42671  
Conc: N.D.



#4 Heptachlor

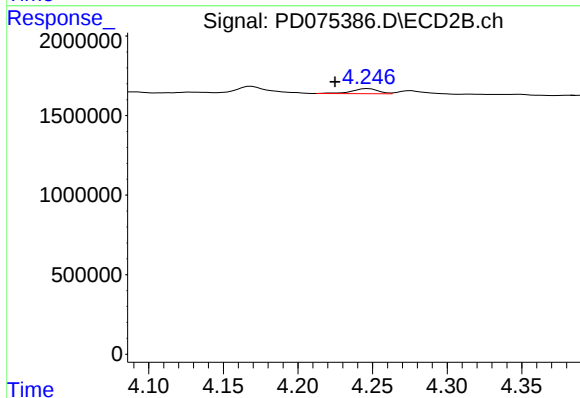
R.T.: 3.909 min  
Delta R.T.: -0.037 min  
Response: 487586  
Conc: 0.33 ng/ml



#5 Aldrin

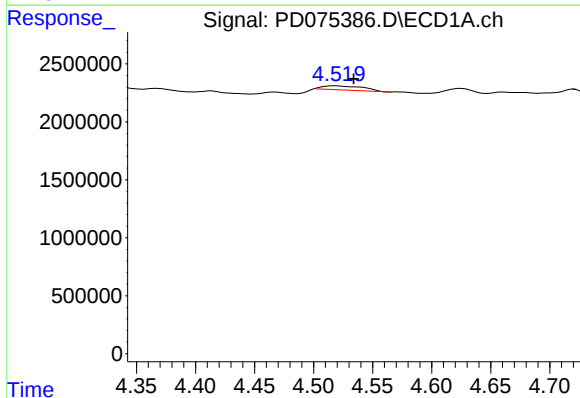
R.T.: 5.263 min  
Delta R.T.: -0.011 min  
Response: 107234  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



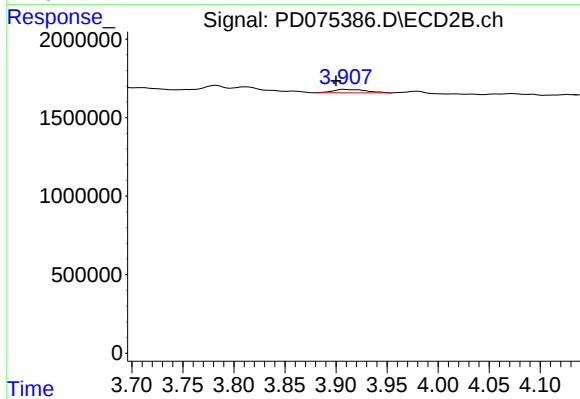
#5 Aldrin

R.T.: 4.247 min  
Delta R.T.: 0.022 min  
Response: 391799  
Conc: 0.26 ng/ml



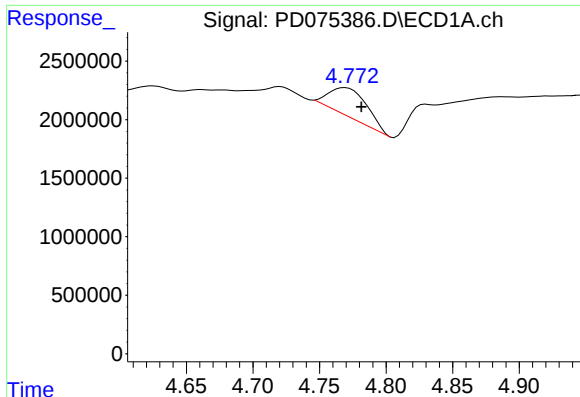
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: -0.015 min  
Response: 867517  
Conc: 0.53 ng/ml



#6 beta-BHC

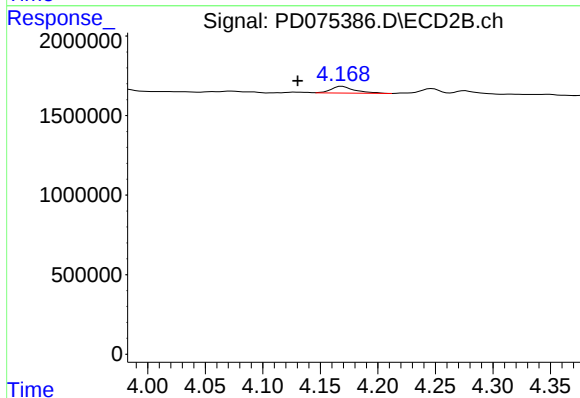
R.T.: 3.909 min  
Delta R.T.: 0.009 min  
Response: 487586  
Conc: 0.67 ng/ml



#7 delta-BHC

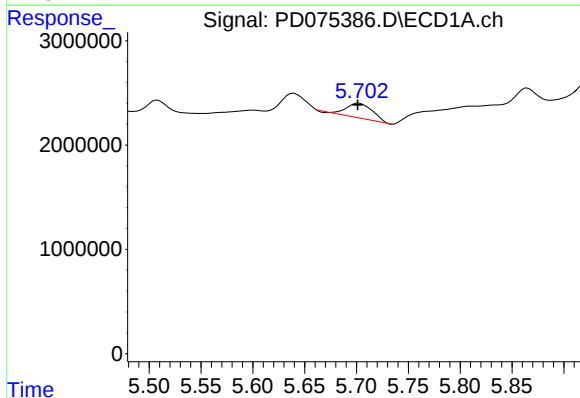
R.T.: 4.769 min  
Delta R.T.: -0.012 min  
Response: 4398885  
Conc: 1.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



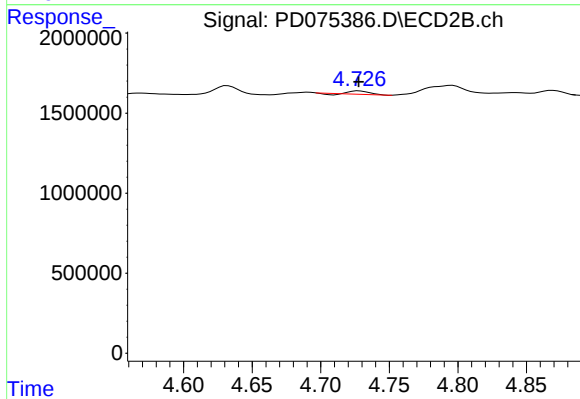
#7 delta-BHC

R.T.: 4.169 min  
Delta R.T.: 0.039 min  
Response: 614249  
Conc: 0.39 ng/ml



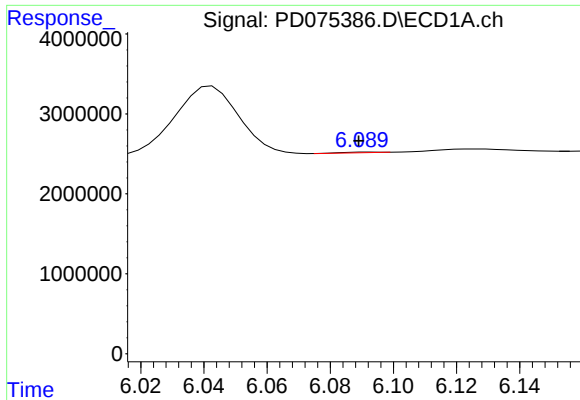
#8 Heptachlor epoxide

R.T.: 5.703 min  
Delta R.T.: 0.001 min  
Response: 2524783  
Conc: 0.74 ng/ml



#8 Heptachlor epoxide

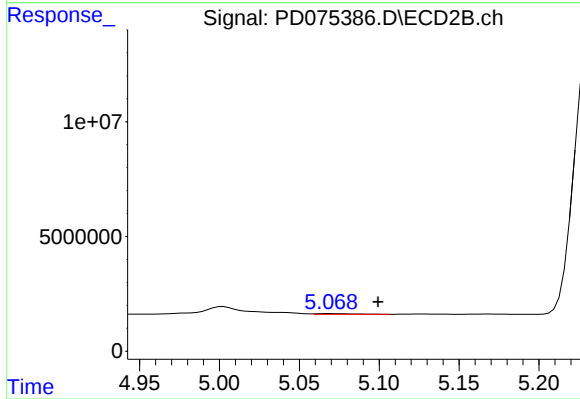
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 173831  
Conc: 0.12 ng/ml



#9 Endosulfan I

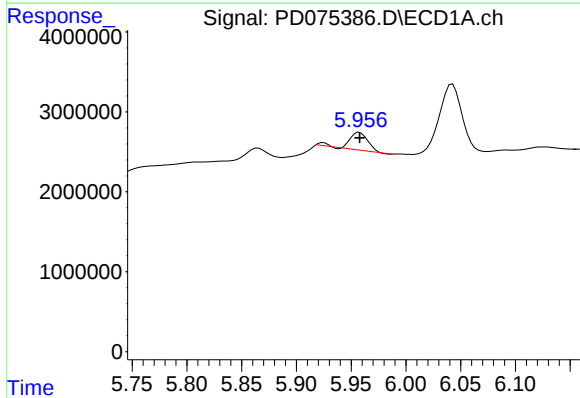
R.T.: 6.093 min  
Delta R.T.: 0.004 min  
Response: 53630  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



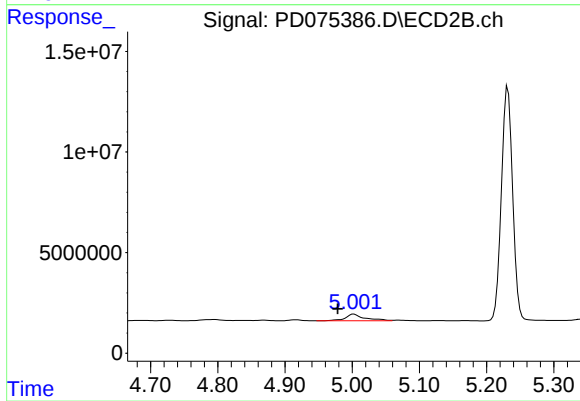
#9 Endosulfan I

R.T.: 5.070 min  
Delta R.T.: -0.030 min  
Response: 436066  
Conc: 0.36 ng/ml



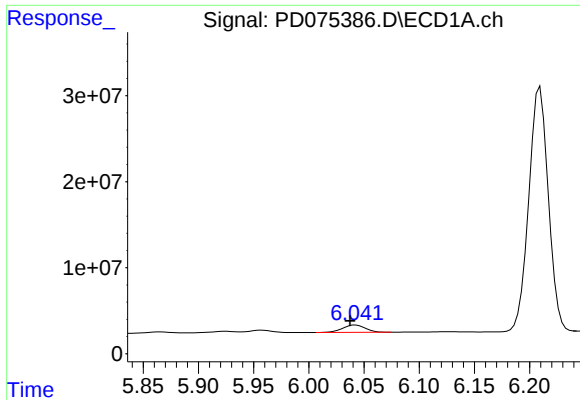
#10 trans-Chlordane

R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 2515619  
Conc: 0.77 ng/ml



#10 trans-Chlordane

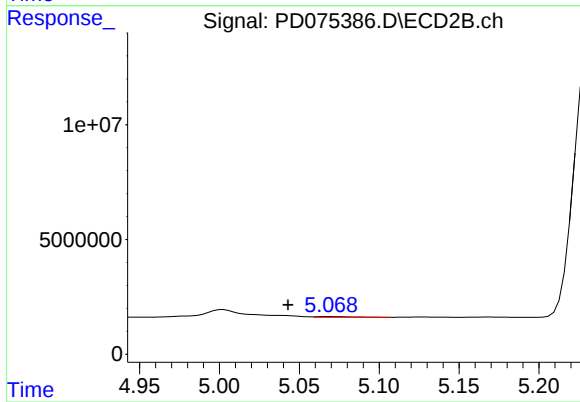
R.T.: 5.002 min  
Delta R.T.: 0.024 min  
Response: 6629061  
Conc: 4.86 ng/ml



#11 cis-Chlordane

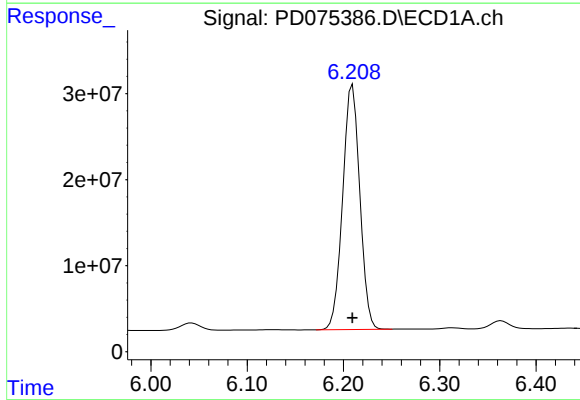
R.T.: 6.043 min  
Delta R.T.: 0.005 min  
Response: 12312847  
Conc: 3.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



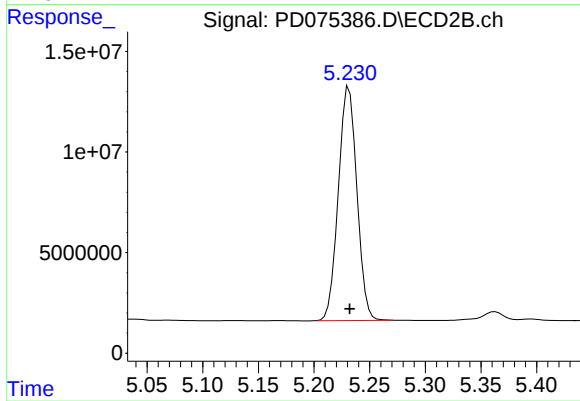
#11 cis-Chlordane

R.T.: 5.070 min  
Delta R.T.: 0.027 min  
Response: 436066  
Conc: 0.31 ng/ml



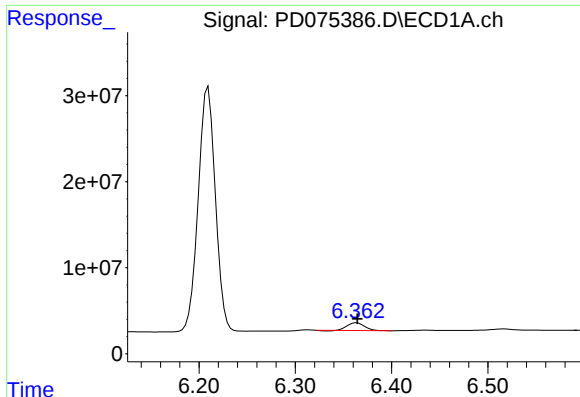
#12 4,4'-DDE

R.T.: 6.210 min  
Delta R.T.: 0.000 min  
Response: 350833120  
Conc: 107.43 ng/ml



#12 4,4'-DDE

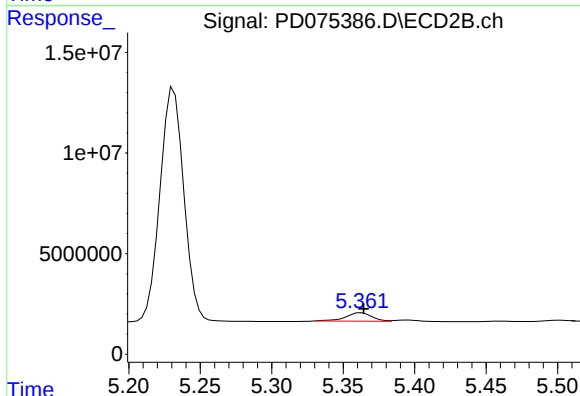
R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 134982994  
Conc: 105.00 ng/ml



#13 Dieldrin

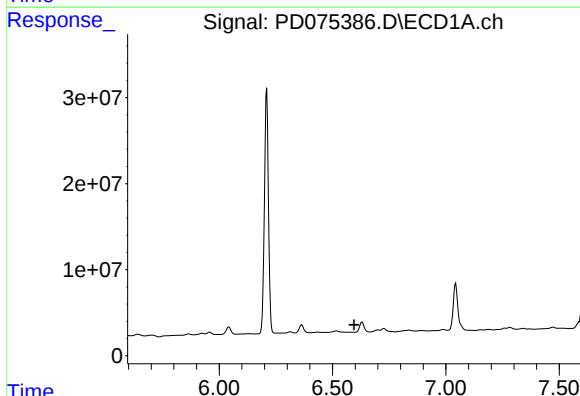
R.T.: 6.364 min  
Delta R.T.: -0.001 min  
Response: 10639931  
Conc: 3.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



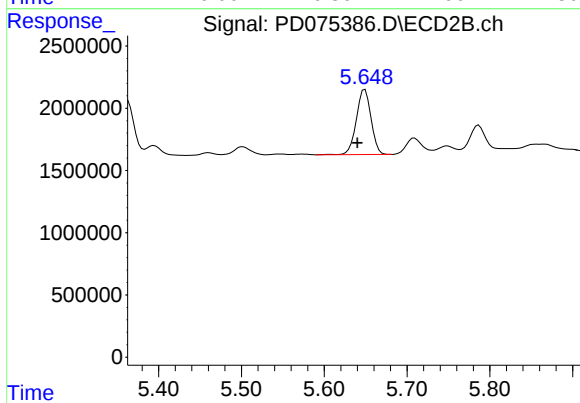
#13 Dieldrin

R.T.: 5.363 min  
Delta R.T.: -0.002 min  
Response: 5357563  
Conc: 3.93 ng/ml



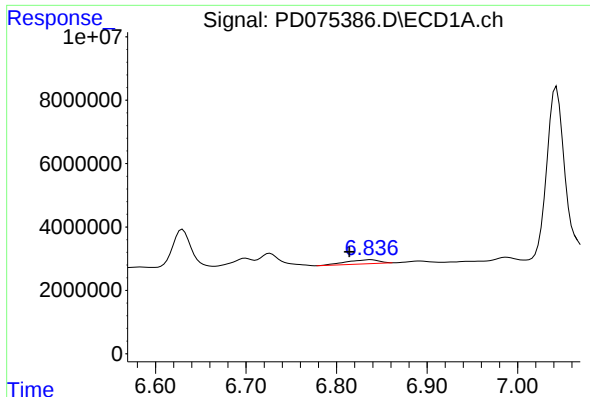
#14 Endrin

R.T.: 6.585 min  
Delta R.T.: -0.011 min  
Response: -69064  
Conc: N.D.



#14 Endrin

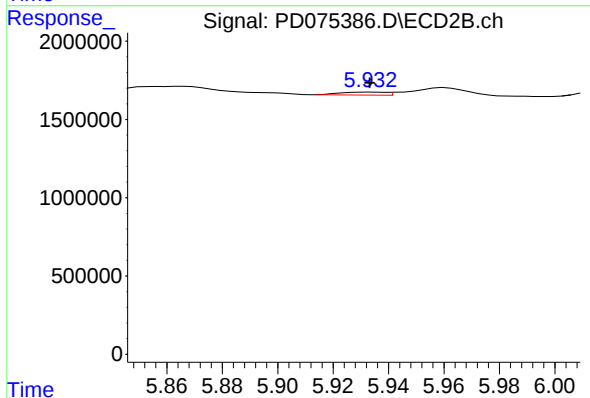
R.T.: 5.649 min  
Delta R.T.: 0.009 min  
Response: 6456164  
Conc: 5.31 ng/ml



#15 Endosulfan II

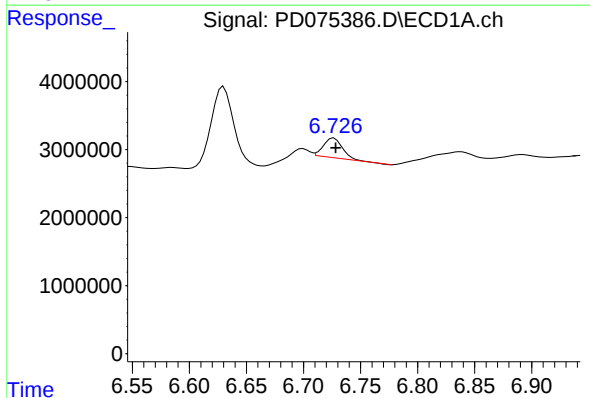
R.T.: 6.838 min  
Delta R.T.: 0.024 min  
Response: 3126191  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



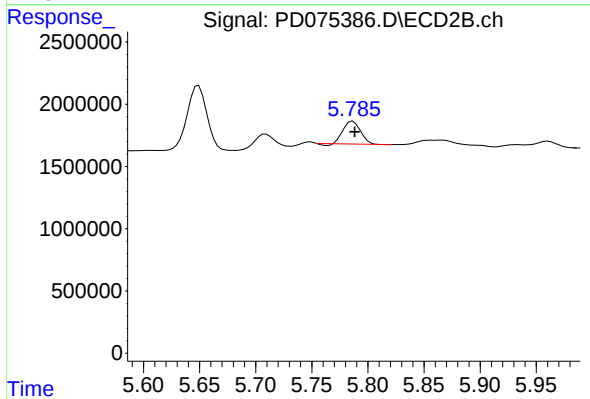
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: 0.000 min  
Response: 216707  
Conc: 0.17 ng/ml



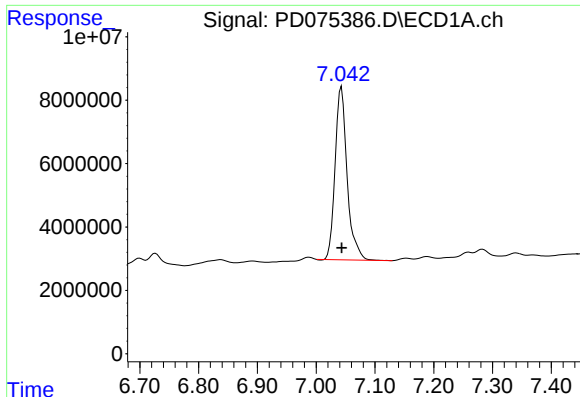
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: -0.001 min  
Response: 3380240  
Conc: 1.40 ng/ml



#16 4,4'-DDD

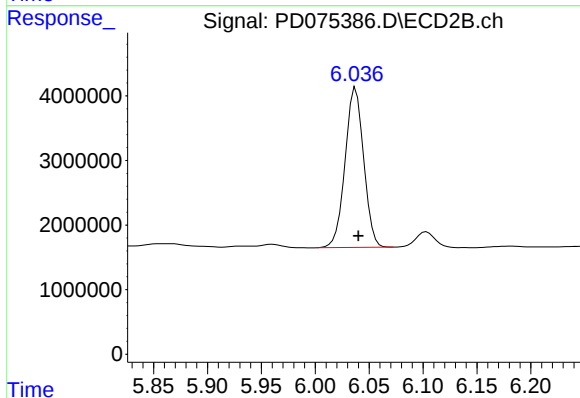
R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 1948163  
Conc: 1.97 ng/ml



#17 4,4'-DDT

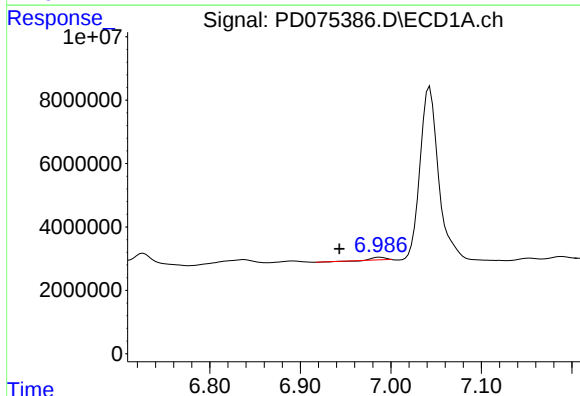
R.T.: 7.043 min  
Delta R.T.: 0.000 min  
Response: 77459539  
Conc: 30.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



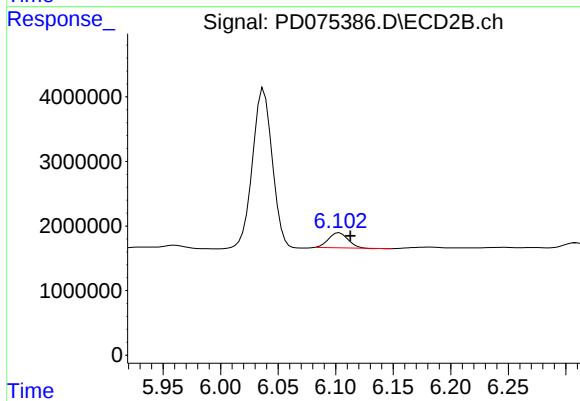
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: -0.003 min  
Response: 29688406  
Conc: 29.46 ng/ml



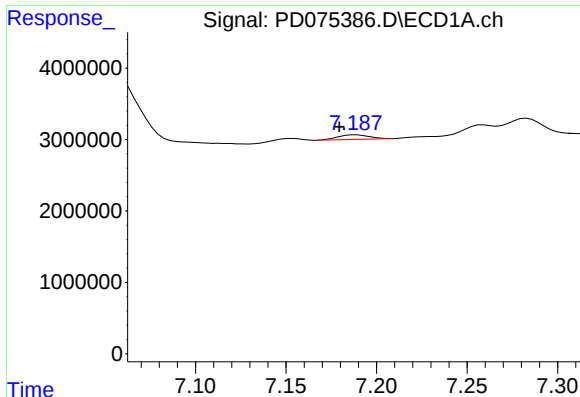
#18 Endrin aldehyde

R.T.: 6.988 min  
Delta R.T.: 0.045 min  
Response: 721229  
Conc: 0.30 ng/ml



#18 Endrin aldehyde

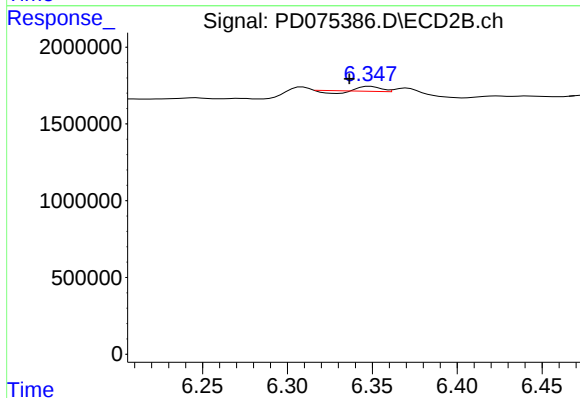
R.T.: 6.103 min  
Delta R.T.: -0.010 min  
Response: 2755480  
Conc: 2.71 ng/ml



#19 Endosulfan Sulfate

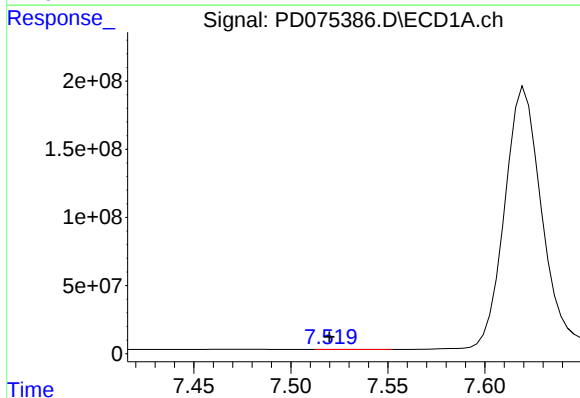
R.T.: 7.188 min  
Delta R.T.: 0.009 min  
Response: 756568  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



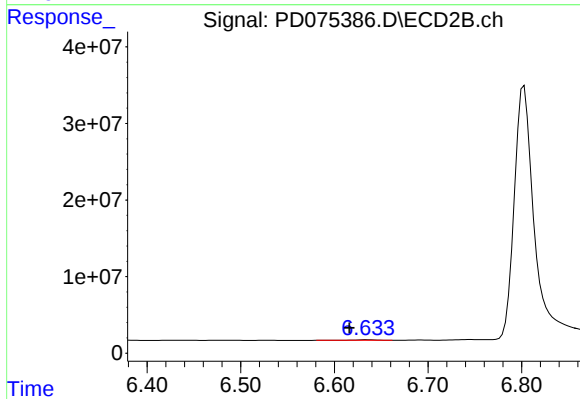
#19 Endosulfan Sulfate

R.T.: 6.349 min  
Delta R.T.: 0.012 min  
Response: 209016  
Conc: 0.18 ng/ml



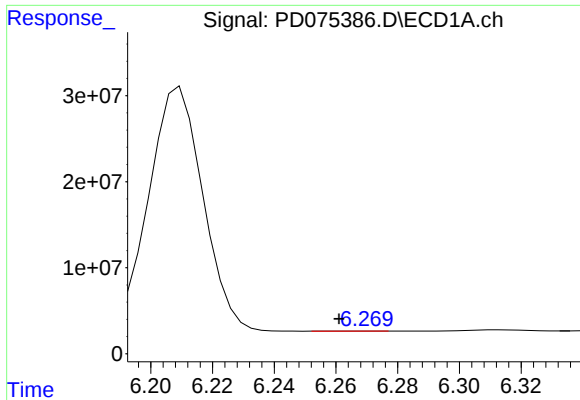
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.001 min  
Response: 69047  
Conc: N.D.



#20 Methoxychlor

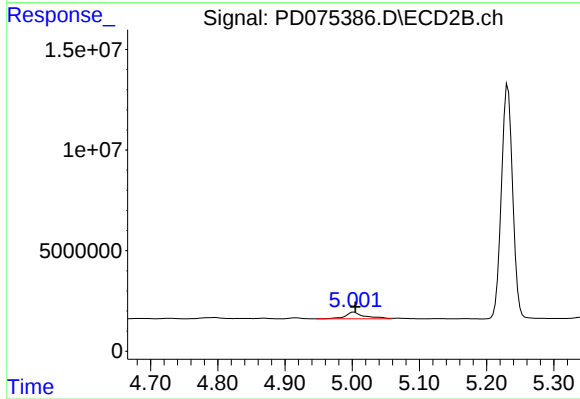
R.T.: 6.635 min  
Delta R.T.: 0.018 min  
Response: 1171631  
Conc: 2.05 ng/ml



#22 Toxaphene-1

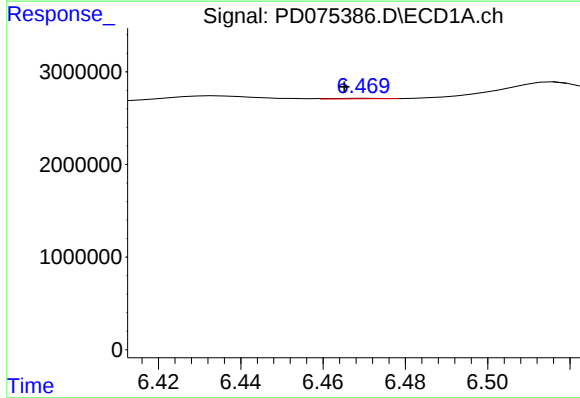
R.T.: 6.271 min  
Delta R.T.: 0.010 min  
Response: 17299  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



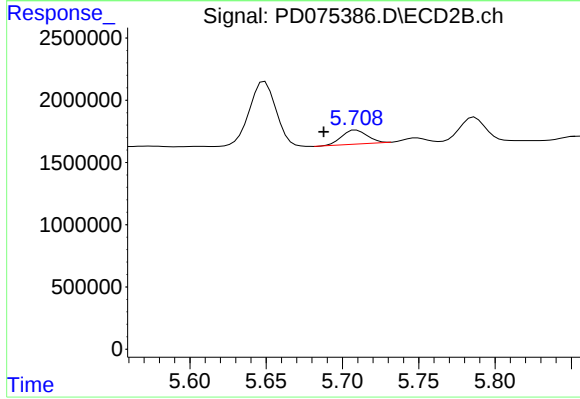
#22 Toxaphene-1

R.T.: 5.002 min  
Delta R.T.: -0.002 min  
Response: 6629061  
Conc: 959.80 ng/ml



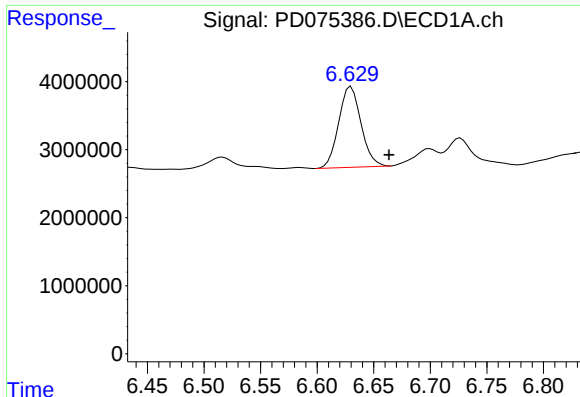
#23 Toxaphene-2

R.T.: 6.471 min  
Delta R.T.: 0.006 min  
Response: 36107  
Conc: 1.21 ng/ml



#23 Toxaphene-2

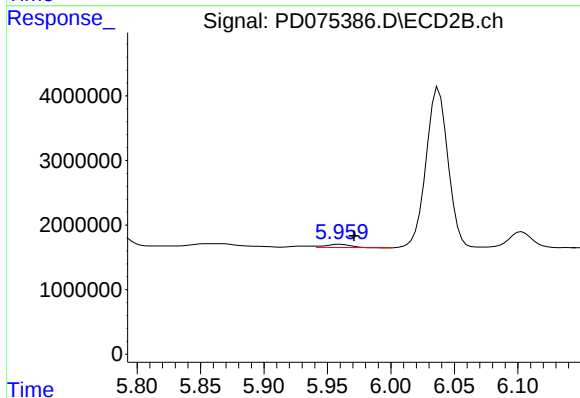
R.T.: 5.709 min  
Delta R.T.: 0.021 min  
Response: 1312636  
Conc: 164.39 ng/ml



#24 Toxaphene-3

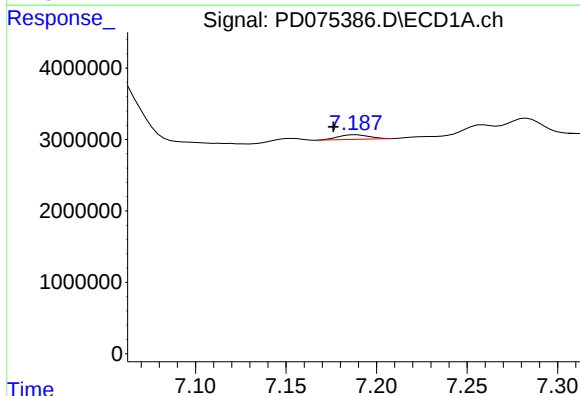
R.T.: 6.630 min  
Delta R.T.: -0.034 min  
Response: 16282930  
Conc: 771.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



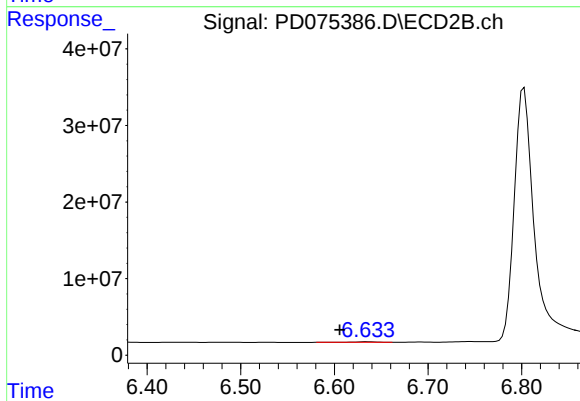
#24 Toxaphene-3

R.T.: 5.960 min  
Delta R.T.: -0.011 min  
Response: 642187  
Conc: 73.30 ng/ml



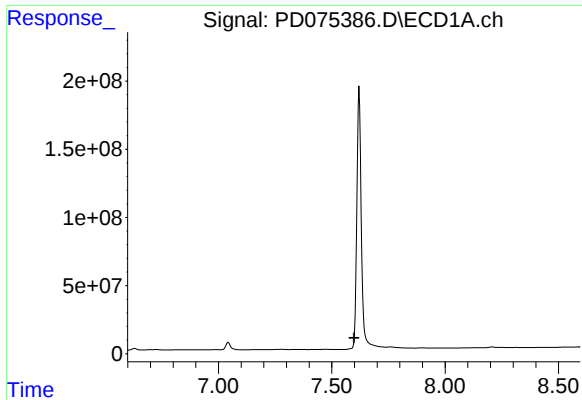
#25 Toxaphene-4

R.T.: 7.188 min  
Delta R.T.: 0.012 min  
Response: 756568  
Conc: 11.61 ng/ml



#25 Toxaphene-4

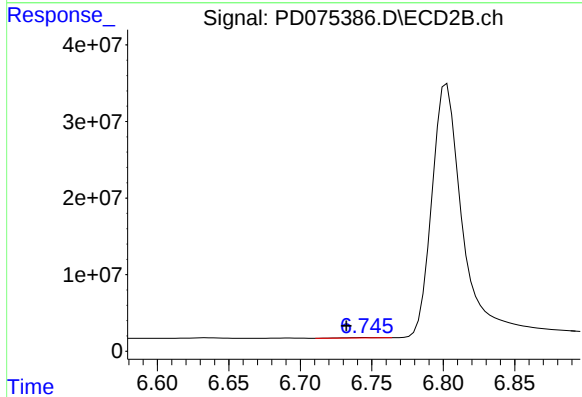
R.T.: 6.635 min  
Delta R.T.: 0.029 min  
Response: 1171631  
Conc: 46.28 ng/ml



#26 Toxaphene-5

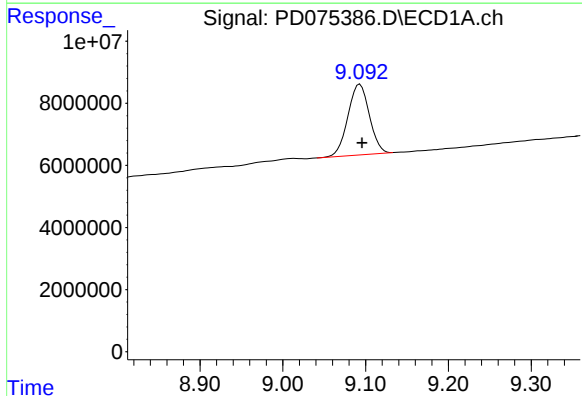
R.T.: 0.000 min  
Exp R.T.: 7.598 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



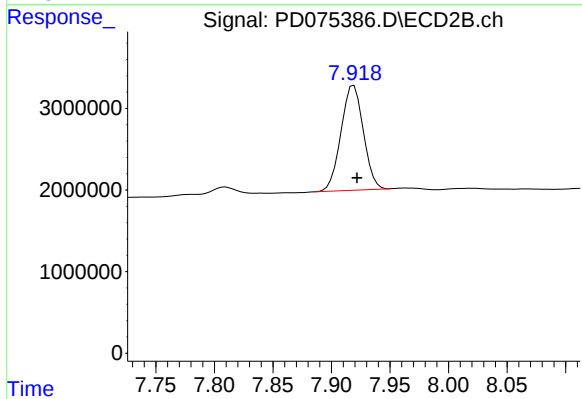
#26 Toxaphene-5

R.T.: 6.746 min  
Delta R.T.: 0.014 min  
Response: 607209  
Conc: 16.72 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.003 min  
Response: 40955862  
Conc: 16.55 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: -0.003 min  
Response: 17059823  
Conc: 18.06 ng/ml