

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030223\  
 Data File : PD074079.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Mar 2023 11:29  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 20:21:55 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 01 01:35:06 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.554  | 2.774  | 46348304 | 23495784 | 20.230  | 19.837   |
| 28)                         | SA Decachlor... | 9.099  | 7.929  | 56841536 | 25609900 | 21.325  | 20.917   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.010  | 3.278  | 36014962 | 16884919 | 9.407   | 9.436    |
| 3)                          | MA gamma-BHC... | 4.344  | 3.608  | 34990792 | 15799772 | 9.960   | 9.525    |
| 4)                          | MA Heptachlor   | 4.952f | 0.000  | 18226    | 0        | 0.005   | N.D. #   |
| 5)                          | MB Aldrin       | 5.260f | 0.000  | 383632   | 0        | 0.113   | N.D. #   |
| 6)                          | B beta-BHC      | 4.538  | 3.904  | 16574219 | 8092005  | 11.029  | 11.006   |
| 7)                          | B delta-BHC     | 4.779  | 4.159f | 4370720  | 406959   | 1.559   | 0.244 #  |
| 8)                          | B Heptachlo...  | 5.700  | 0.000  | 3046257  | 0        | 1.070   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 6.216  | 5.243  | 428138   | 493751   | 0.151   | 0.356 #  |
| 14)                         | MA Endrin       | 6.600  | 5.646  | 122.7E6  | 61511790 | 46.763  | 47.083   |
| 15)                         | B Endosulfa...  | 6.834f | 5.958f | 2063887  | 866334   | 0.710   | 0.673    |
| 16)                         | A 4,4'-DDD      | 6.733  | 5.796  | 1994255  | 1603305  | 0.851   | 1.389 #  |
| 17)                         | MA 4,4'-DDT     | 7.048  | 6.046  | 269.0E6  | 123.5E6  | 98.651  | 103.085  |
| 18)                         | B Endrin al...  | 6.949  | 6.121  | 3655289  | 2860558  | 1.763   | 2.811 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.334  | 0        | 519307   | N.D.    | 0.428 #  |
| 20)                         | A Methoxychlor  | 7.523  | 6.622  | 359.5E6  | 150.6E6  | 242.069 | 230.189  |
| 21)                         | B Endrin ke...  | 7.670  | 6.848  | 8032505  | 4008911  | 2.740   | 2.758    |
| 22)                         | Mirex           | 8.155  | 0.000  | 101135   | 0        | 0.045   | N.D. #   |
| 24)                         | Chlordane-2     | 5.260  | 0.000  | 383632   | 0        | 2.841   | N.D. #   |
| 27)                         | Chlordane-5     | 0.000  | 5.958  | 0        | 866334   | N.D.    | 13.472 # |
| -----                       |                 |        |        |          |          |         |          |

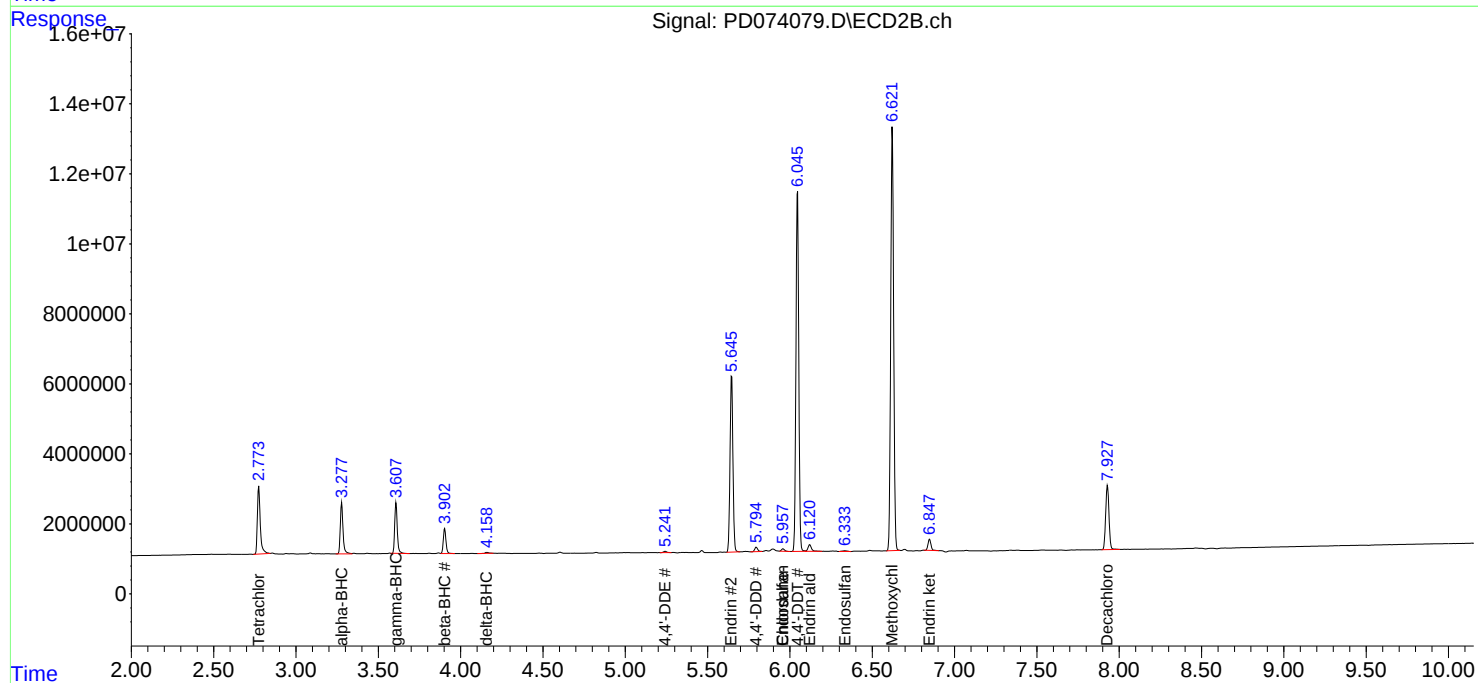
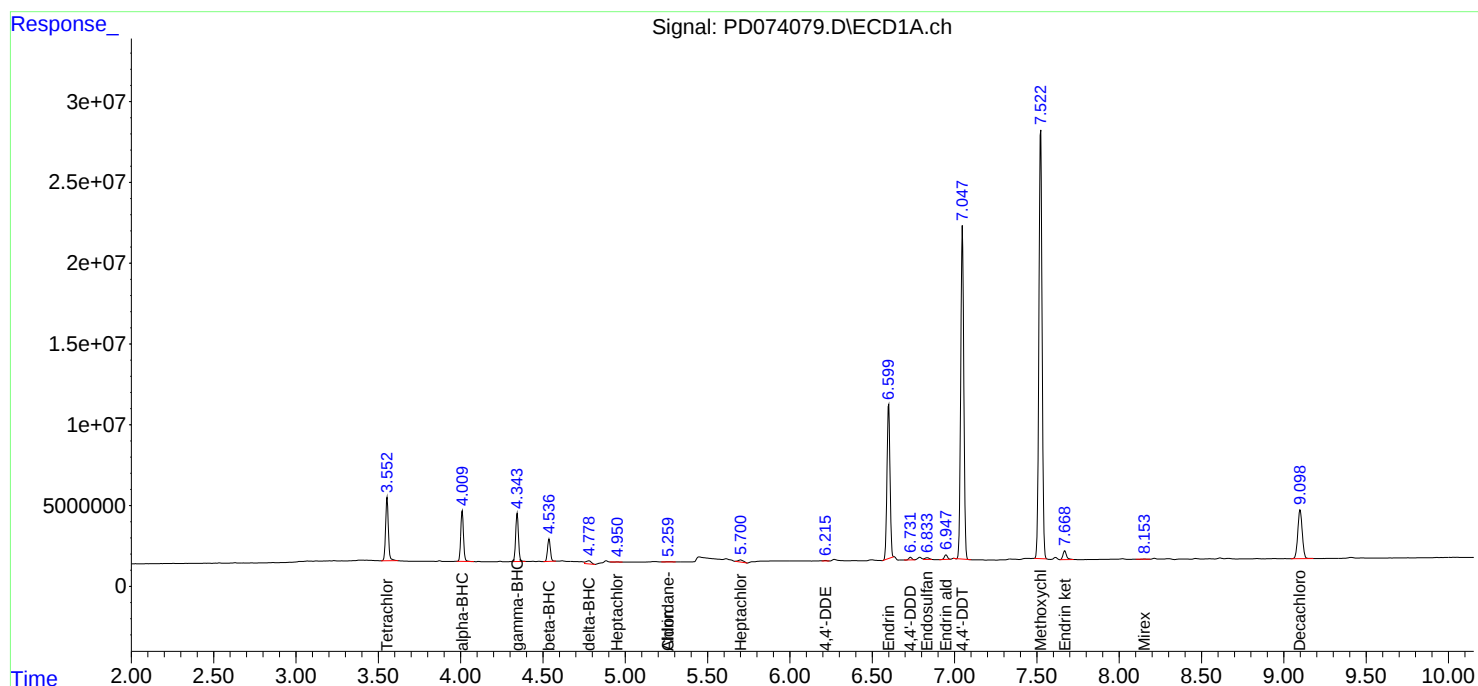
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

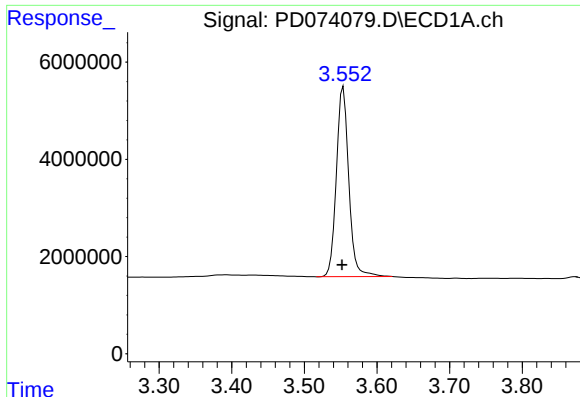
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD030223\  
Data File : PD074079.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Mar 2023 11:29  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 20:21:55 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030123.M  
Quant Title : GC Extractables  
QLast Update : Wed Mar 01 01:35:06 2023  
Response via : Initial Calibration  
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Volume Inj. : 2 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

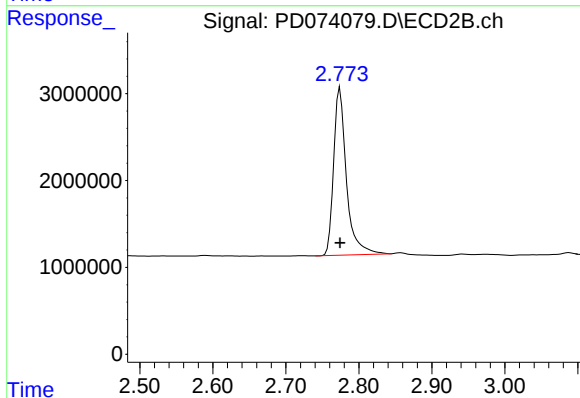




#1 Tetrachloro-m-xylene

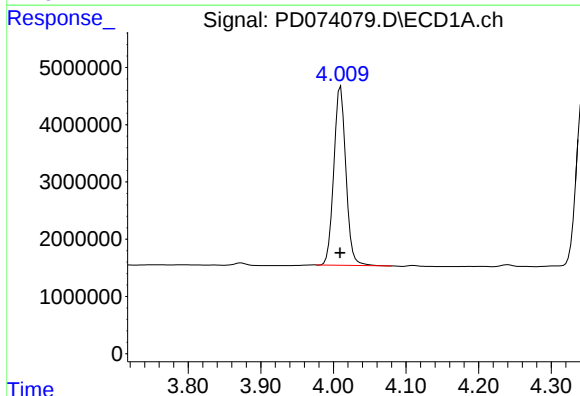
R.T.: 3.554 min  
Delta R.T.: 0.002 min  
Response: 46348304  
Conc: 20.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



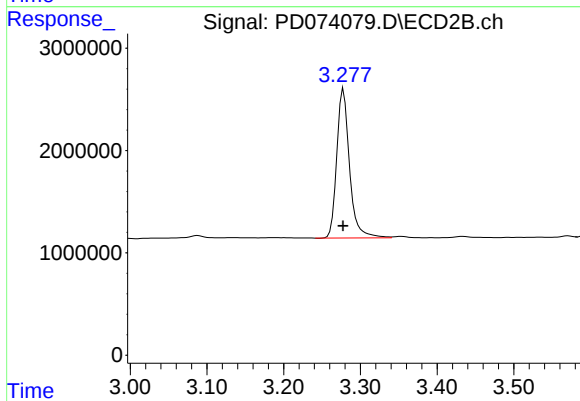
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 23495784  
Conc: 19.84 ng/ml



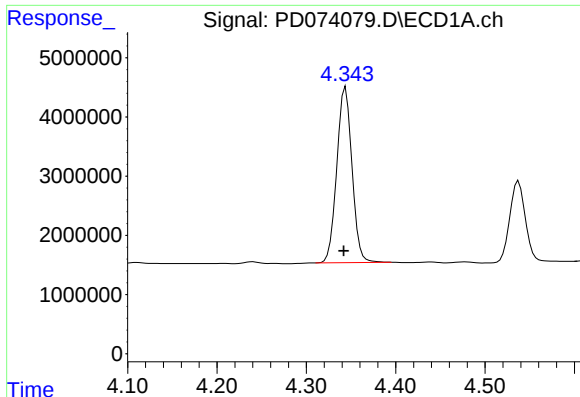
#2 alpha-BHC

R.T.: 4.010 min  
Delta R.T.: 0.001 min  
Response: 36014962  
Conc: 9.41 ng/ml



#2 alpha-BHC

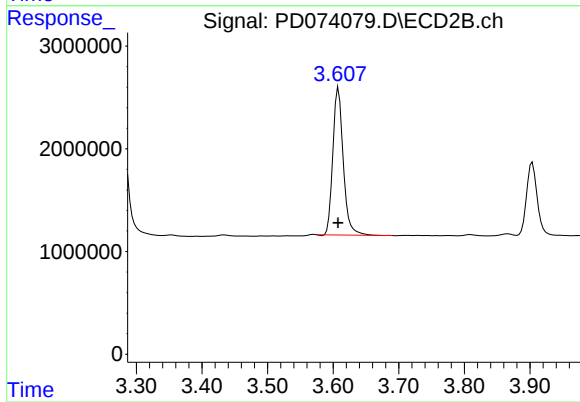
R.T.: 3.278 min  
Delta R.T.: 0.000 min  
Response: 16884919  
Conc: 9.44 ng/ml



#3 gamma-BHC (Lindane)

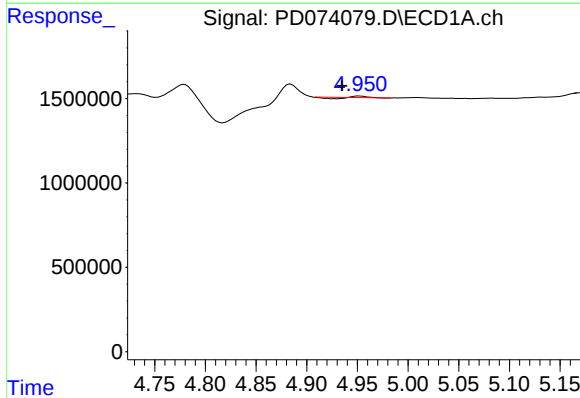
R.T.: 4.344 min  
Delta R.T.: 0.002 min  
Response: 34990792  
Conc: 9.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



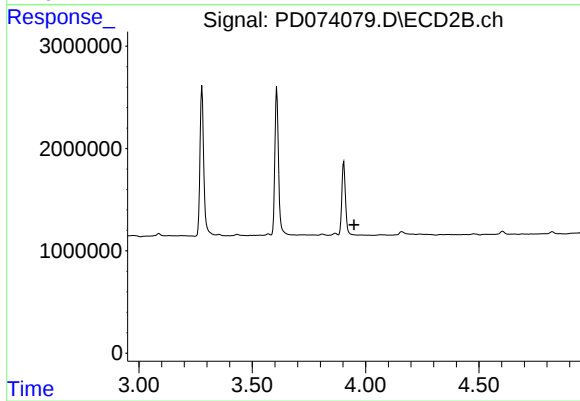
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.000 min  
Response: 15799772  
Conc: 9.53 ng/ml



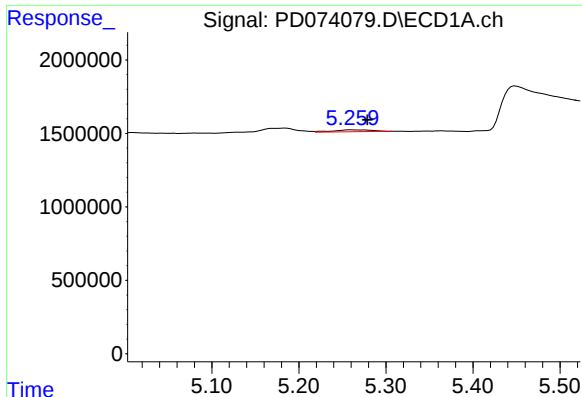
#4 Heptachlor

R.T.: 4.952 min  
Delta R.T.: 0.017 min  
Response: 18226  
Conc: 0.01 ng/ml



#4 Heptachlor

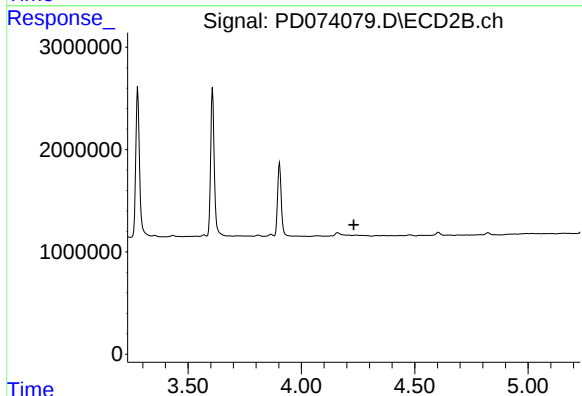
R.T.: 0.000 min  
Exp R.T. : 3.950 min  
Response: 0  
Conc: N.D.



#5 Aldrin

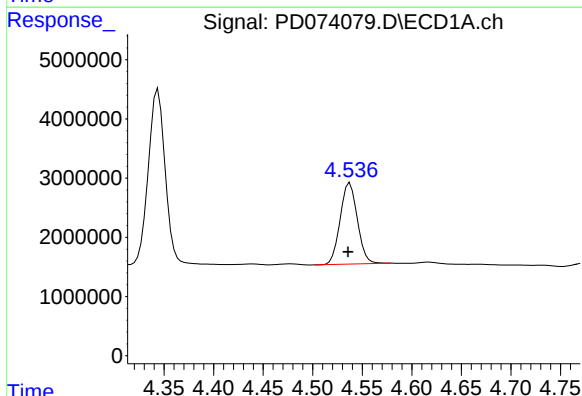
R.T.: 5.260 min  
Delta R.T.: -0.019 min  
Response: 383632  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



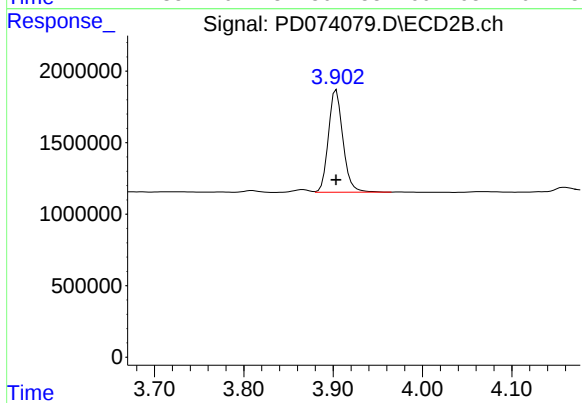
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.231 min  
Response: 0  
Conc: N.D.



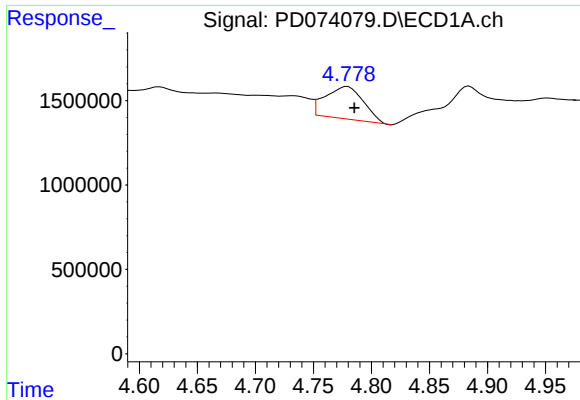
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.002 min  
Response: 16574219  
Conc: 11.03 ng/ml



#6 beta-BHC

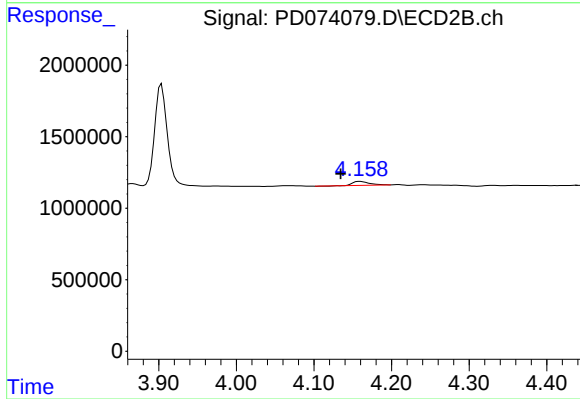
R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 8092005  
Conc: 11.01 ng/ml



#7 delta-BHC

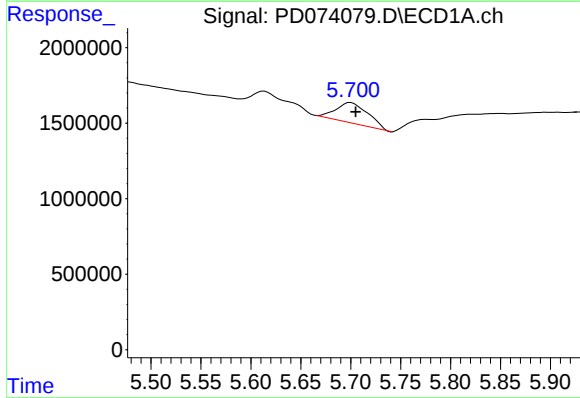
R.T.: 4.779 min  
Delta R.T.: -0.006 min  
Response: 4370720  
Conc: 1.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



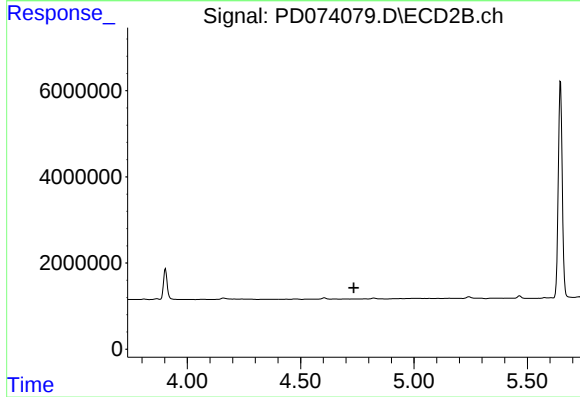
#7 delta-BHC

R.T.: 4.159 min  
Delta R.T.: 0.025 min  
Response: 406959  
Conc: 0.24 ng/ml



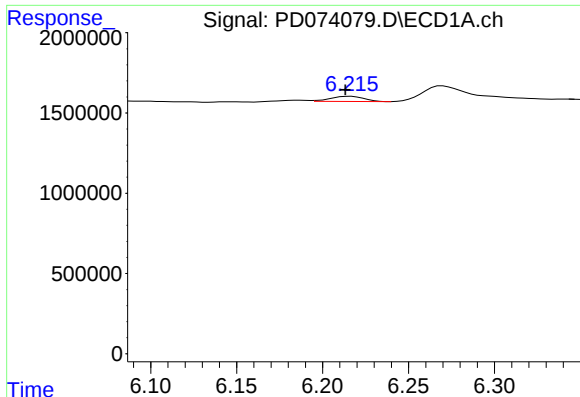
#8 Heptachlor epoxide

R.T.: 5.700 min  
Delta R.T.: -0.005 min  
Response: 3046257  
Conc: 1.07 ng/ml



#8 Heptachlor epoxide

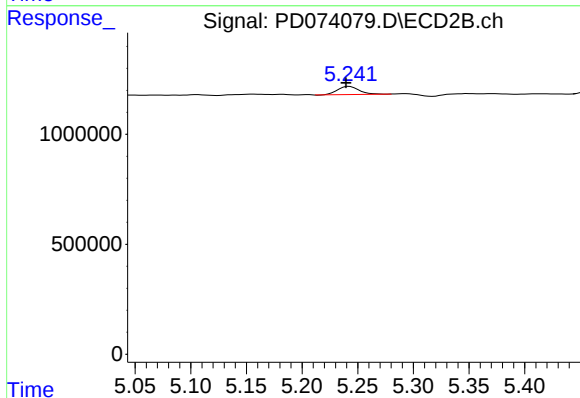
R.T.: 0.000 min  
Exp R.T. : 4.734 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

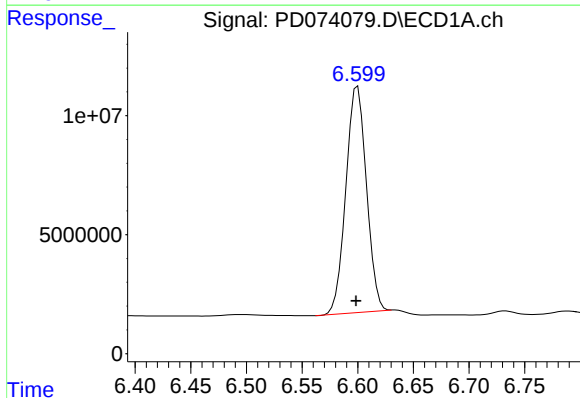
R.T.: 6.216 min  
Delta R.T.: 0.003 min  
Response: 428138  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



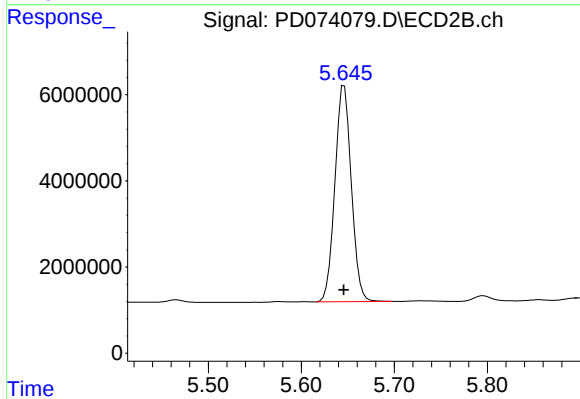
#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: 0.003 min  
Response: 493751  
Conc: 0.36 ng/ml



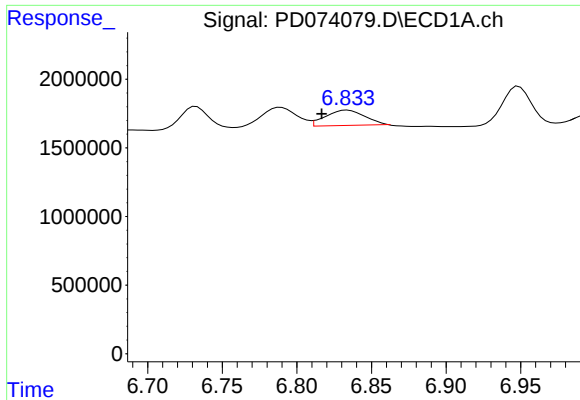
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: 0.001 min  
Response: 122669034  
Conc: 46.76 ng/ml



#14 Endrin

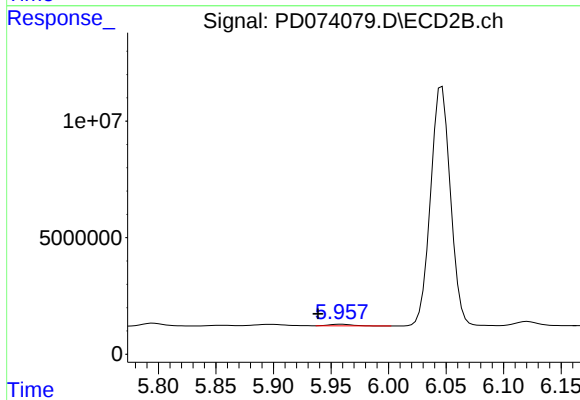
R.T.: 5.646 min  
Delta R.T.: 0.000 min  
Response: 61511790  
Conc: 47.08 ng/ml



#15 Endosulfan II

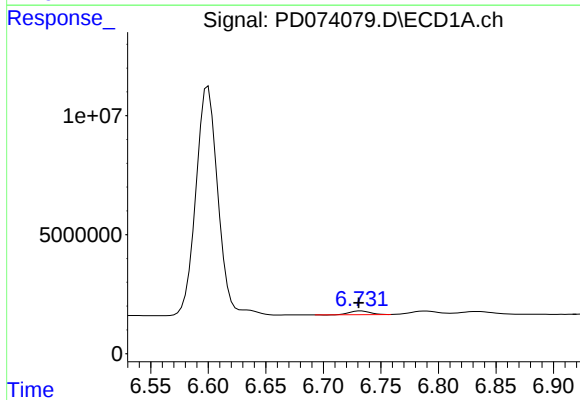
R.T.: 6.834 min  
Delta R.T.: 0.017 min  
Response: 2063887  
Conc: 0.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



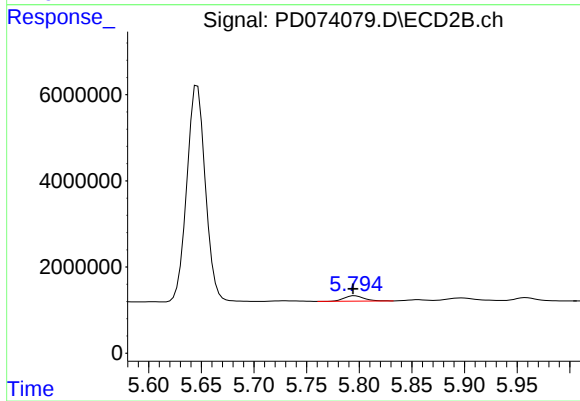
#15 Endosulfan II

R.T.: 5.958 min  
Delta R.T.: 0.020 min  
Response: 866334  
Conc: 0.67 ng/ml



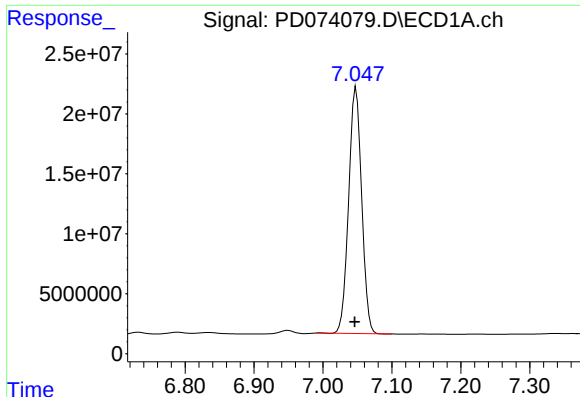
#16 4,4'-DDD

R.T.: 6.733 min  
Delta R.T.: 0.002 min  
Response: 1994255  
Conc: 0.85 ng/ml



#16 4,4'-DDD

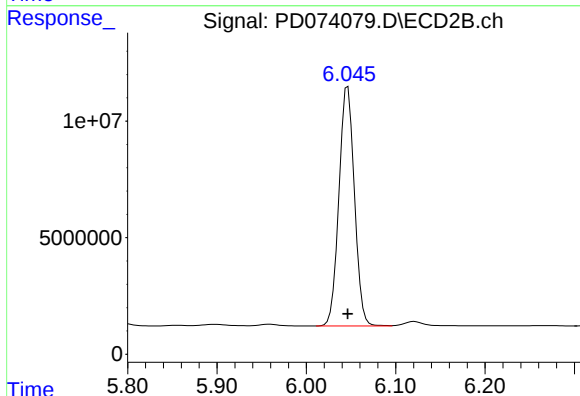
R.T.: 5.796 min  
Delta R.T.: 0.001 min  
Response: 1603305  
Conc: 1.39 ng/ml



#17 4,4'-DDT

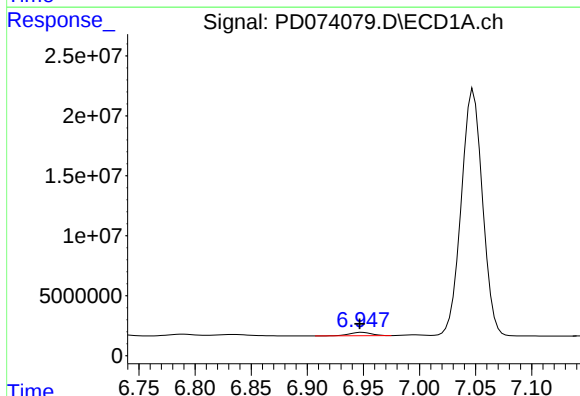
R.T.: 7.048 min  
Delta R.T.: 0.002 min  
Response: 269025052  
Conc: 98.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



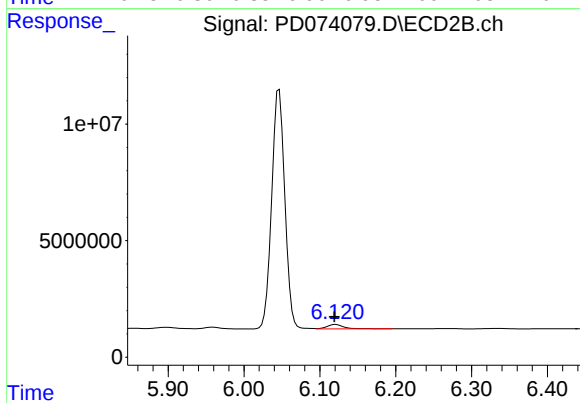
#17 4,4'-DDT

R.T.: 6.046 min  
Delta R.T.: 0.000 min  
Response: 123469918  
Conc: 103.09 ng/ml



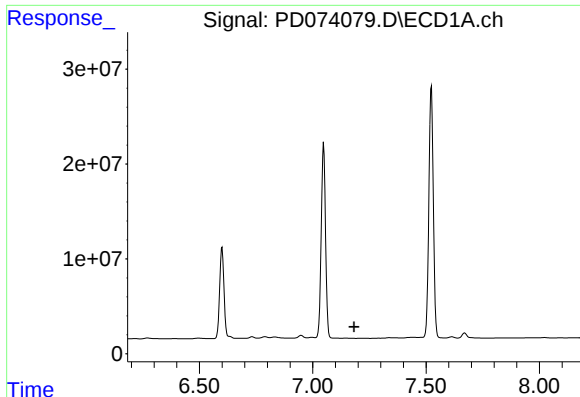
#18 Endrin aldehyde

R.T.: 6.949 min  
Delta R.T.: 0.002 min  
Response: 3655289  
Conc: 1.76 ng/ml



#18 Endrin aldehyde

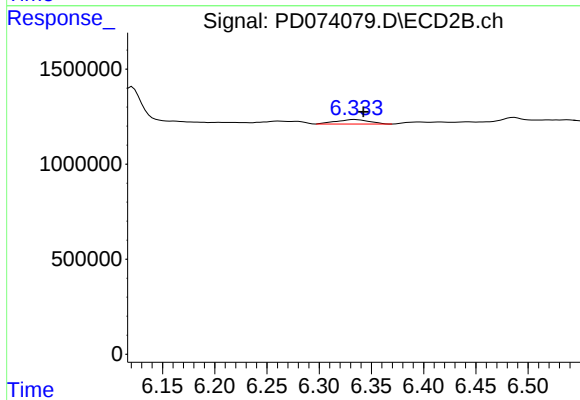
R.T.: 6.121 min  
Delta R.T.: 0.002 min  
Response: 2860558  
Conc: 2.81 ng/ml



#19 Endosulfan Sulfate

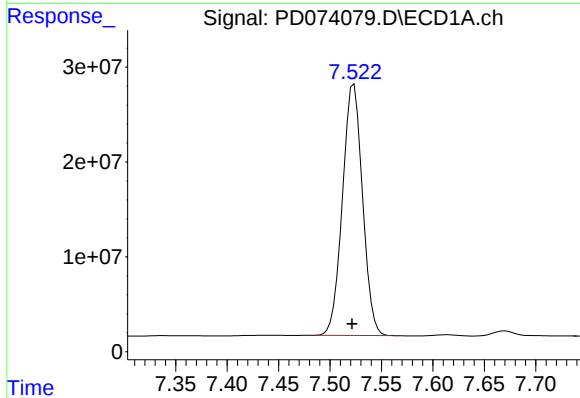
R.T.: 0.000 min  
Exp R.T.: 7.182 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



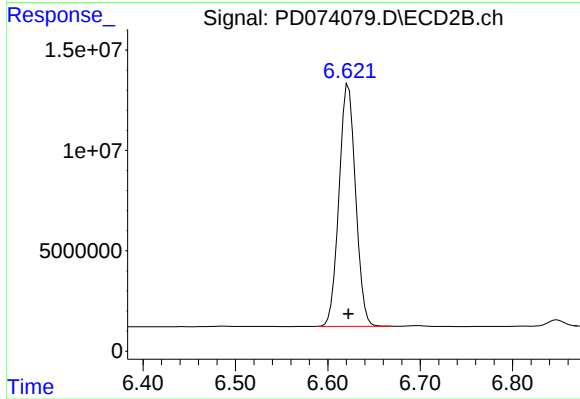
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: -0.008 min  
Response: 519307  
Conc: 0.43 ng/ml



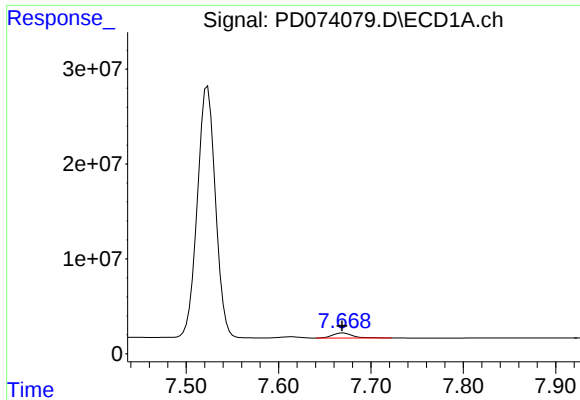
#20 Methoxychlor

R.T.: 7.523 min  
Delta R.T.: 0.002 min  
Response: 359507756  
Conc: 242.07 ng/ml



#20 Methoxychlor

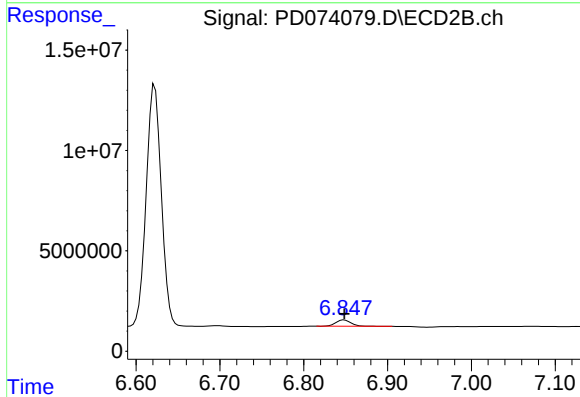
R.T.: 6.622 min  
Delta R.T.: 0.000 min  
Response: 150569692  
Conc: 230.19 ng/ml



#21 Endrin ketone

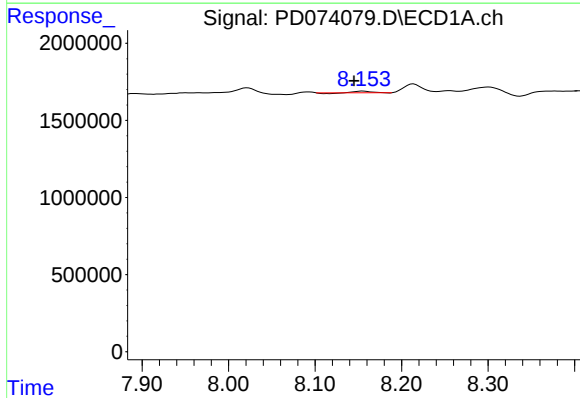
R.T.: 7.670 min  
Delta R.T.: 0.000 min  
Response: 8032505  
Conc: 2.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



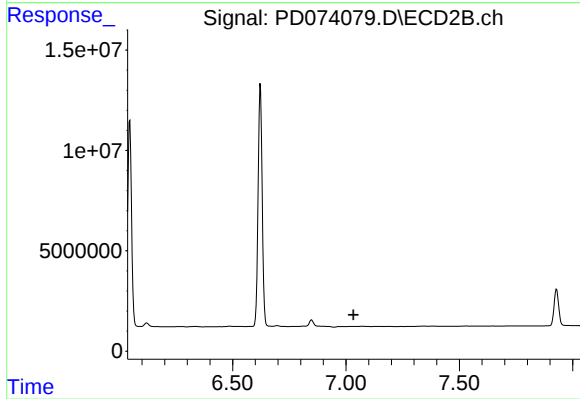
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 4008911  
Conc: 2.76 ng/ml



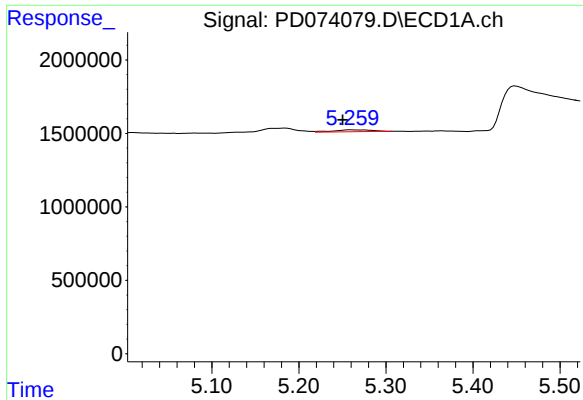
#22 Mirex

R.T.: 8.155 min  
Delta R.T.: 0.009 min  
Response: 101135  
Conc: 0.04 ng/ml



#22 Mirex

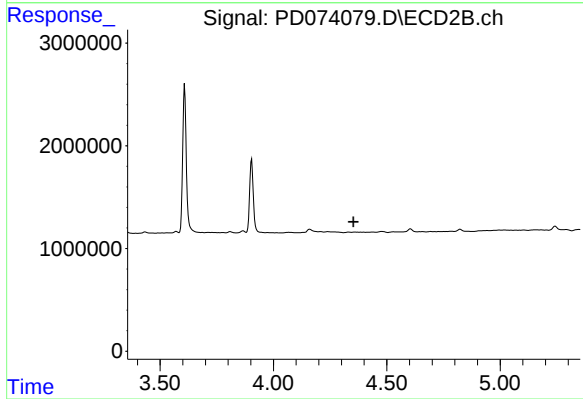
R.T.: 0.000 min  
Exp R.T. : 7.033 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

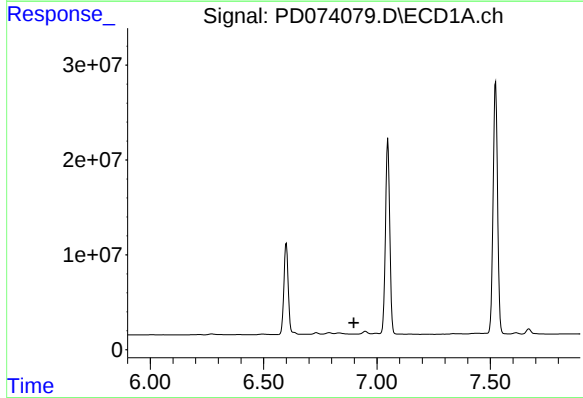
R.T.: 5.260 min  
Delta R.T.: 0.010 min  
Response: 383632  
Conc: 2.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



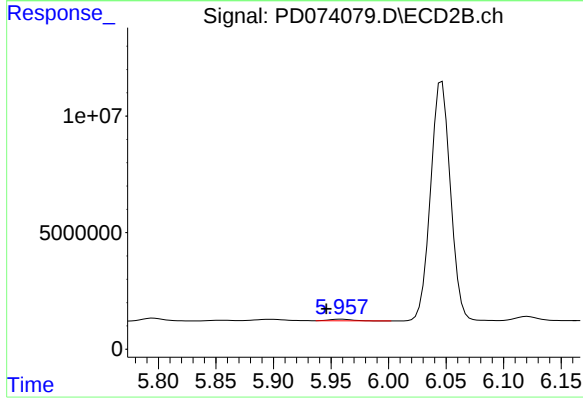
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.353 min  
Response: 0  
Conc: N.D.



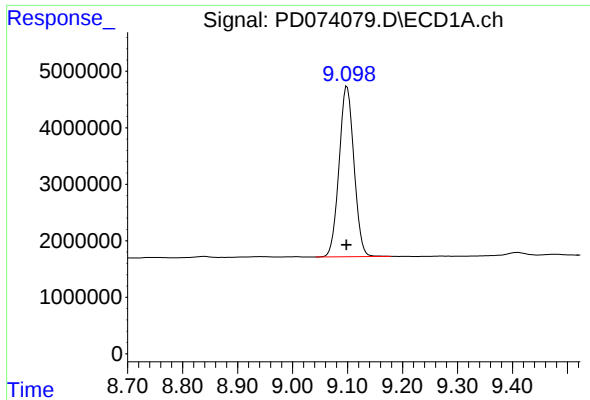
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.897 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

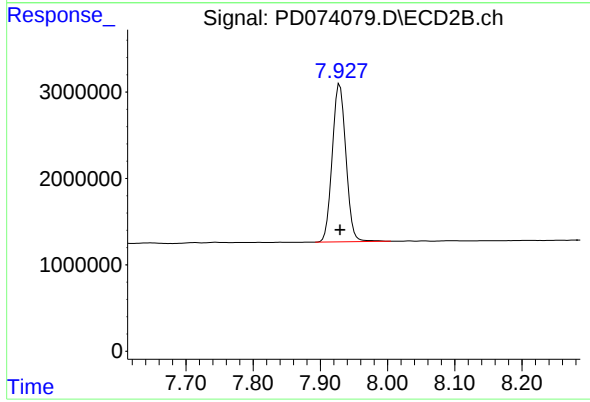
R.T.: 5.958 min  
Delta R.T.: 0.012 min  
Response: 866334  
Conc: 13.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: 0.001 min  
Response: 56841536  
Conc: 21.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: 0.000 min  
Response: 25609900  
Conc: 20.92 ng/ml