

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062623\  
 Data File : PD076178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2023 00:01  
 Operator : AR\AJ  
 Sample : 03389-12  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-DRUM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 01:30:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 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... | 3.546  | 2.767  | 24912199 | 13034583 | 11.695 | 12.014   |
| 2)                          | SA Decachlor... | 9.087  | 7.912  | 33649045 | 15182919 | 13.282 | 15.528   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.951f | 3.936  | 650590   | 32520    | 0.181  | 0.021 #  |
| 5)                          | MB Aldrin       | 5.299f | 0.000  | 168561   | 0        | 0.048  | N.D. #   |
| 7)                          | B delta-BHC     | 4.772  | 0.000  | 2448237  | 0        | 0.737  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.688  | 0.000  | 902496   | 0        | 0.280  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.953  | 4.974  | 4700009  | 1453422  | 1.459  | 1.059 #  |
| 11)                         | B alpha-Chl...  | 6.036  | 5.035  | 11855452 | 3677700  | 3.667  | 2.681 #  |
| 12)                         | B 4,4'-DDE      | 6.204  | 5.225  | 7293871  | 3932073  | 2.552  | 3.523 #  |
| 13)                         | MA Dieldrin     | 6.355  | 5.358  | -16117   | 826643   | N.D.   | 0.613    |
| 14)                         | MA Endrin       | 6.584  | 5.642  | 33497    | 805255   | 0.013  | 0.662 #  |
| 15)                         | B Endosulfa...  | 6.803  | 5.929  | 172325   | 220943   | 0.067  | 0.205 #  |
| 16)                         | A 4,4'-DDD      | 6.726  | 5.780  | 2550872  | 874642   | 1.121  | 0.992    |
| 17)                         | MA 4,4'-DDT     | 7.039  | 6.031  | 9604008  | 4346771  | 4.232  | 5.351 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.125f | 0        | 355777   | N.D.   | 0.411 #  |
| 19)                         | B Endosulfa...  | 7.153f | 6.326  | 287021   | 390372   | 0.114  | 0.361 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.582f | 0        | 399188   | N.D.   | 0.862 #  |
| 21)                         | B Endrin ke...  | 7.690f | 6.865f | 969629   | 402924   | 0.348  | 0.332    |
| 22)                         | Mirex           | 8.168f | 0.000  | 516812   | 0        | 0.241  | N.D. #   |
| 23)                         | Chlordane-1     | 4.709  | 3.766  | 421632   | -10993   | 3.667  | N.D. #   |
| 24)                         | Chlordane-2     | 5.240  | 4.343  | 1471895  | 422839   | 11.184 | 7.975 #  |
| 25)                         | Chlordane-3     | 5.953  | 4.974  | 4700009  | 1453422  | 9.050  | 9.790    |
| 26)                         | Chlordane-4     | 6.036  | 5.035  | 11855452 | 3677700  | 18.812 | 25.060 # |
| 27)                         | Chlordane-5     | 6.886  | 5.929  | 485564   | 220943   | 4.869  | 4.568    |
| -----                       |                 |        |        |          |          |        |          |

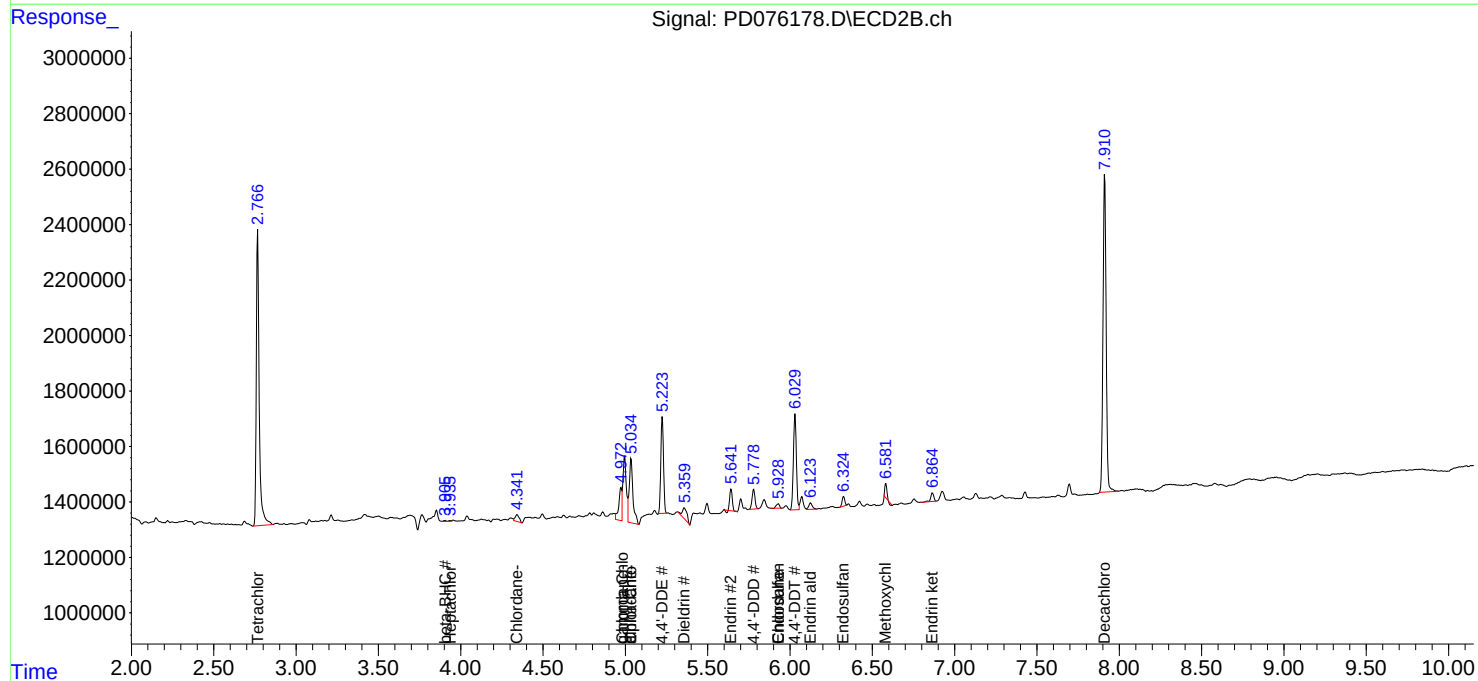
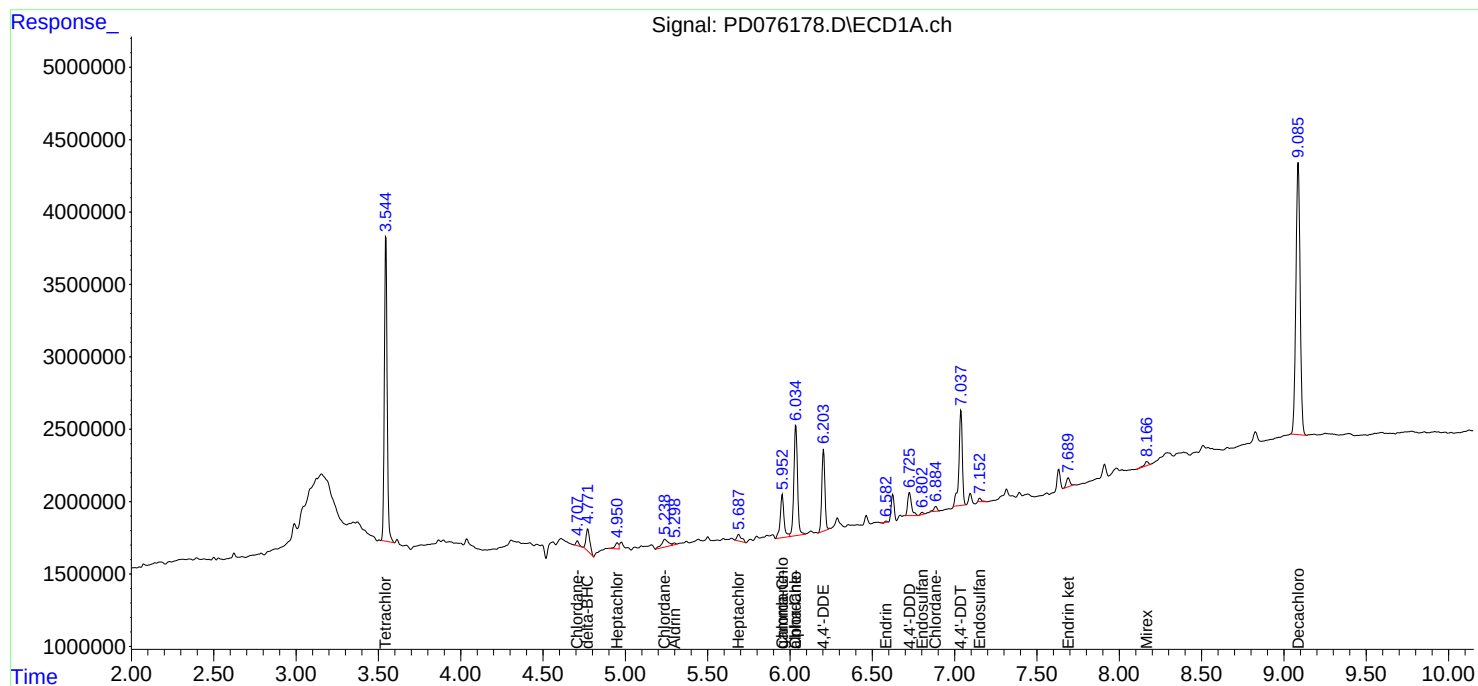
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

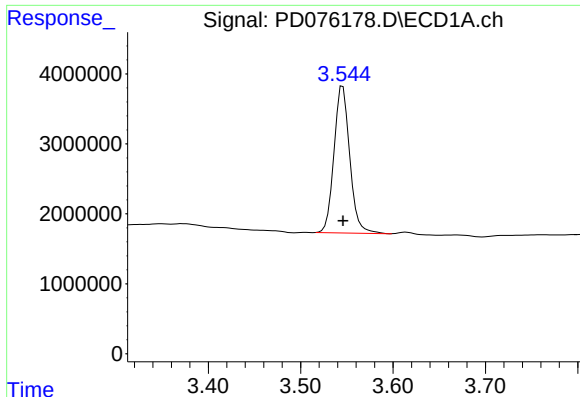
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062623\  
Data File : PD076178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2023 00:01  
Operator : AR\AJ  
Sample : 03389-12  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 01:30:05 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 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

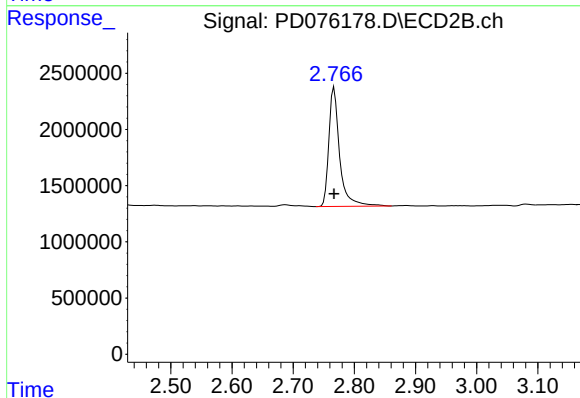




#1 Tetrachloro-m-xylene

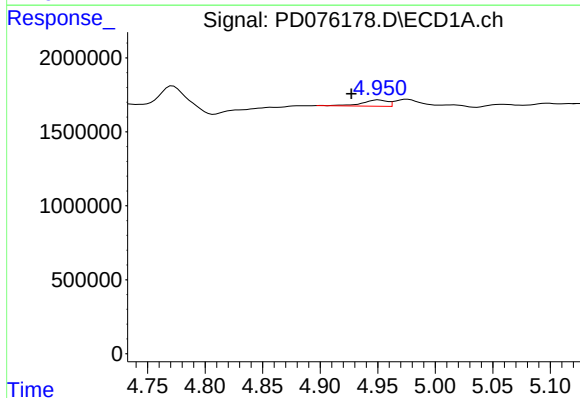
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 24912199  
Conc: 11.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



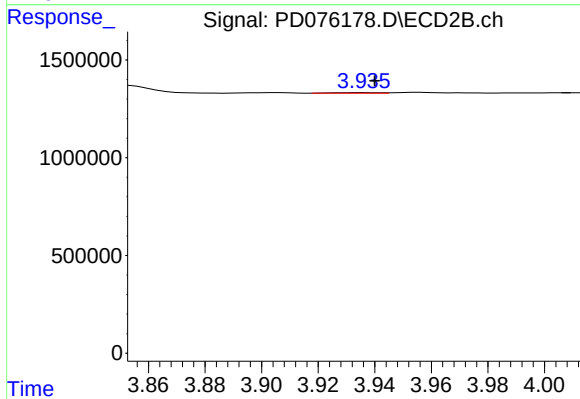
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 13034583  
Conc: 12.01 ng/ml



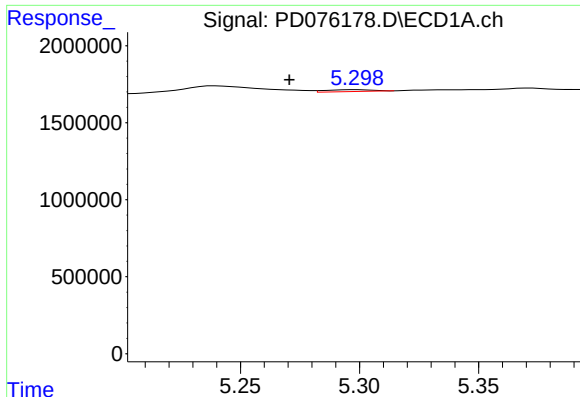
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.024 min  
Response: 650590  
Conc: 0.18 ng/ml



#4 Heptachlor

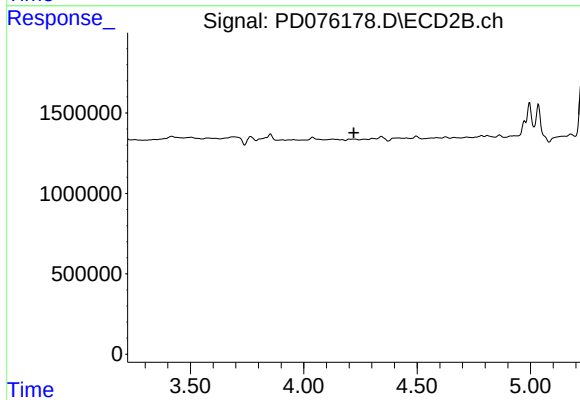
R.T.: 3.936 min  
Delta R.T.: -0.004 min  
Response: 32520  
Conc: 0.02 ng/ml



#5 Aldrin

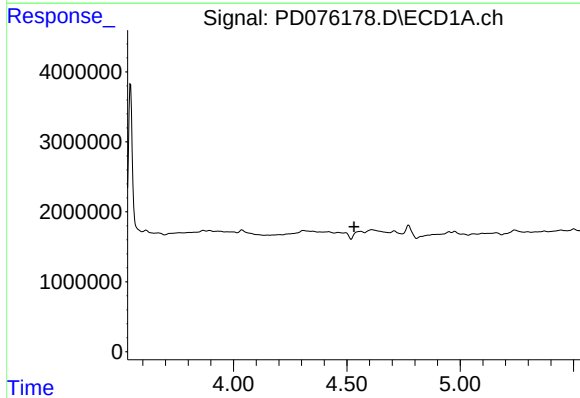
R.T.: 5.299 min  
Delta R.T.: 0.028 min  
Response: 168561  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



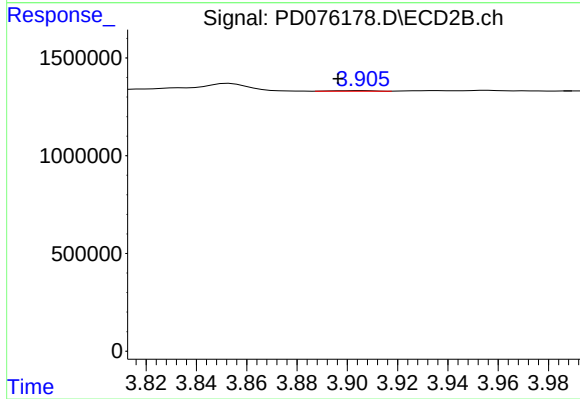
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.220 min  
Response: 0  
Conc: N.D.



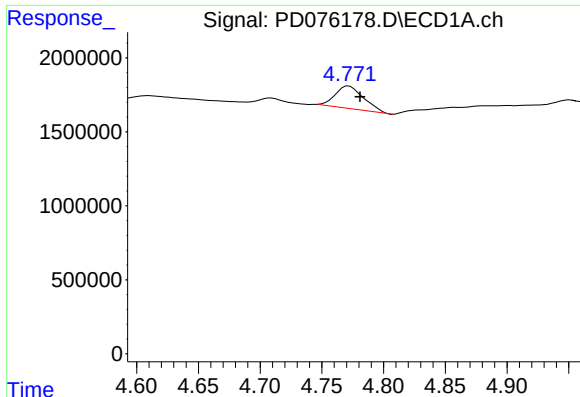
#6 beta-BHC

R.T.: 4.561 min  
Delta R.T.: 0.029 min  
Response: -472110  
Conc: N.D.



#6 beta-BHC

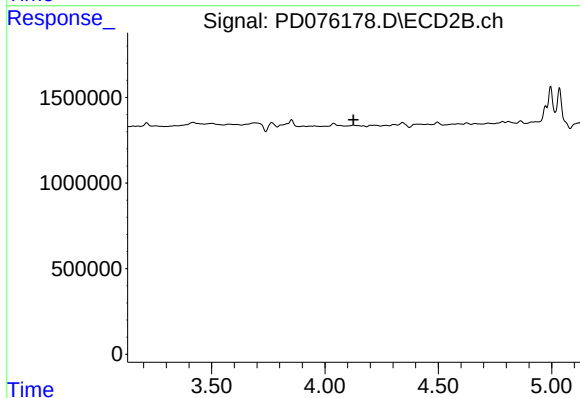
R.T.: 3.906 min  
Delta R.T.: 0.010 min  
Response: 39004  
Conc: 0.06 ng/ml



#7 delta-BHC

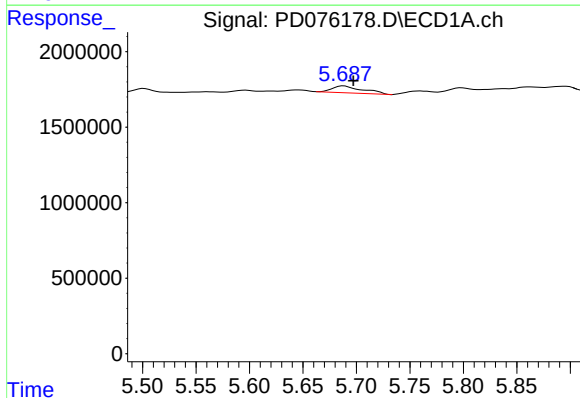
R.T.: 4.772 min  
Delta R.T.: -0.009 min  
Response: 2448237  
Conc: 0.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



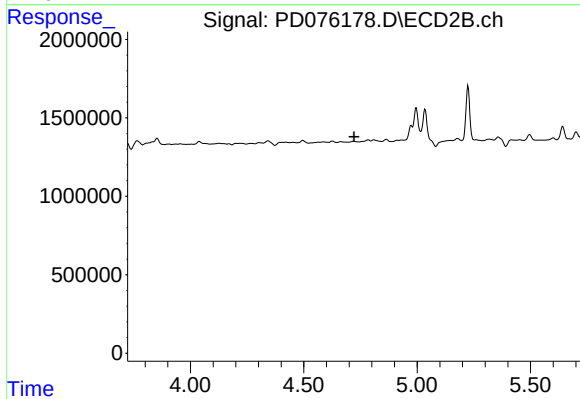
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.127 min  
Response: 0  
Conc: N.D.



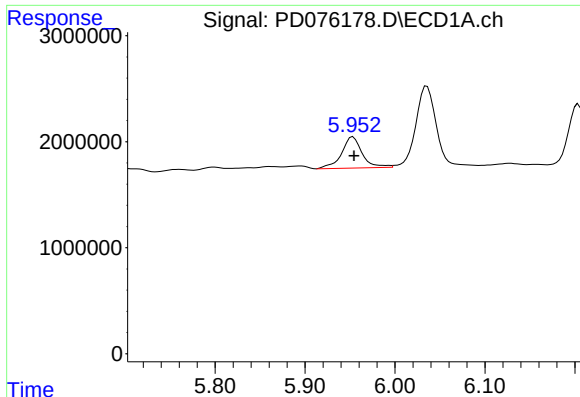
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: -0.009 min  
Response: 902496  
Conc: 0.28 ng/ml



#8 Heptachlor epoxide

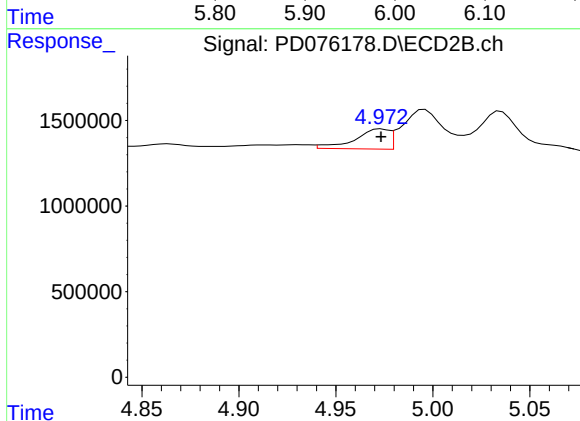
R.T.: 0.000 min  
Exp R.T. : 4.723 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

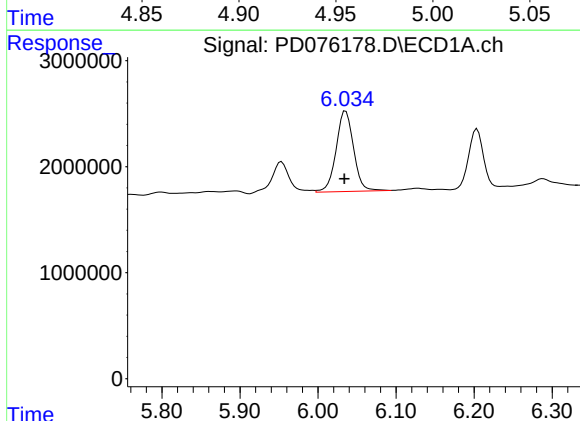
R.T.: 5.953 min  
Delta R.T.: -0.001 min  
Response: 4700009  
Conc: 1.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



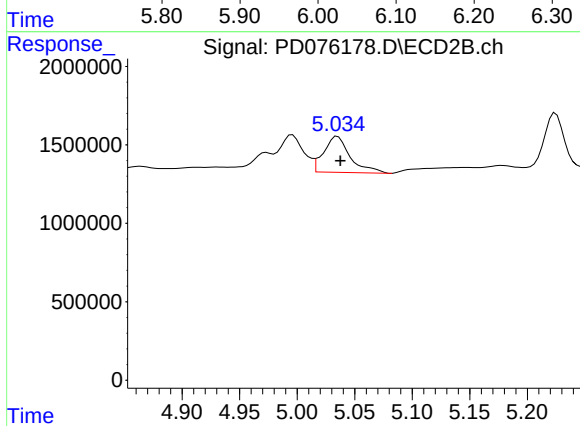
#10 gamma-Chlordane

R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 1453422  
Conc: 1.06 ng/ml



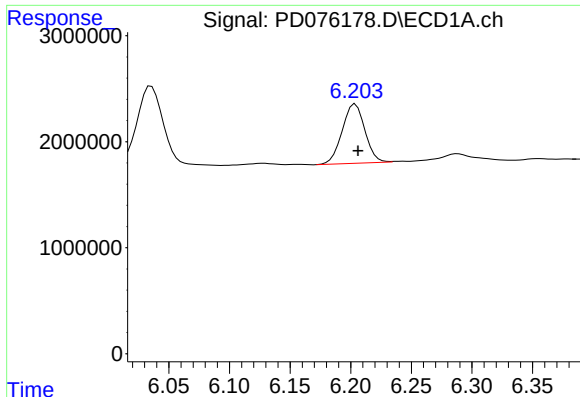
#11 alpha-Chlordane

R.T.: 6.036 min  
Delta R.T.: 0.002 min  
Response: 11855452  
Conc: 3.67 ng/ml



#11 alpha-Chlordane

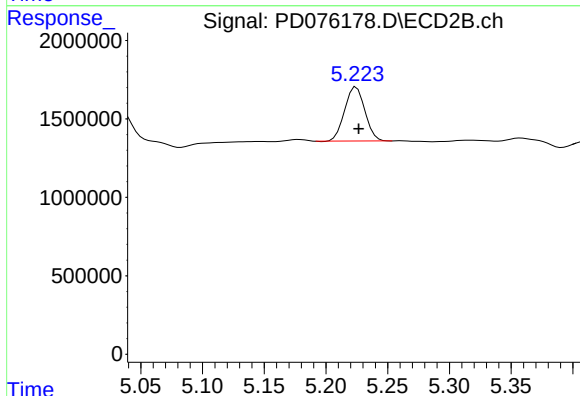
R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 3677700  
Conc: 2.68 ng/ml



#12 4,4'-DDE

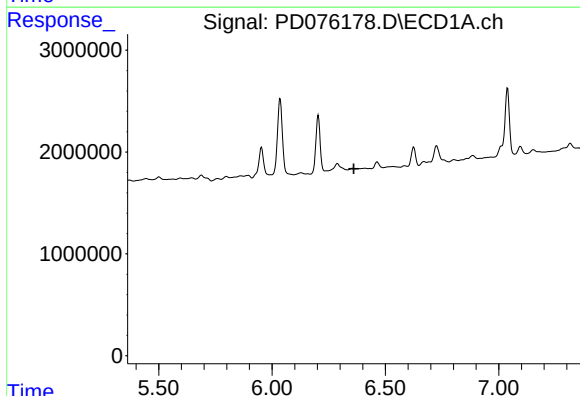
R.T.: 6.204 min  
Delta R.T.: -0.002 min  
Response: 7293871  
Conc: 2.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



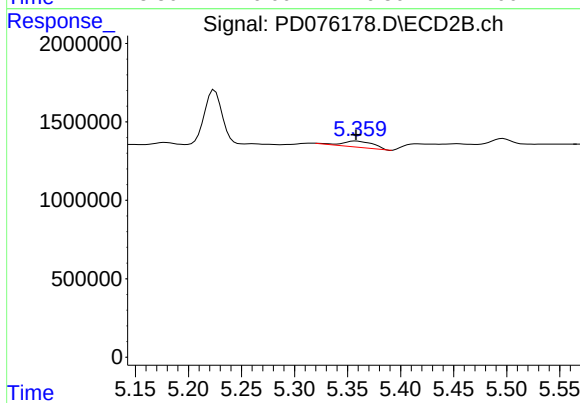
#12 4,4'-DDE

R.T.: 5.225 min  
Delta R.T.: -0.002 min  
Response: 3932073  
Conc: 3.52 ng/ml



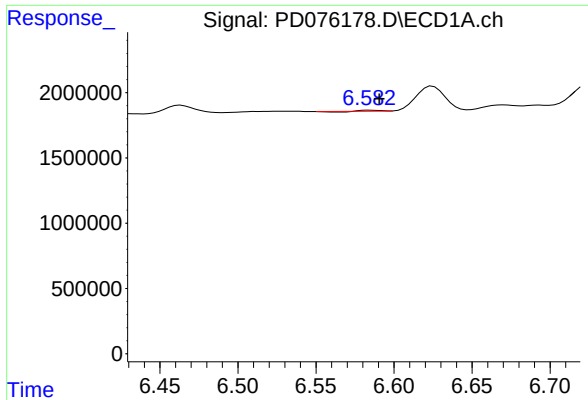
#13 Dieldrin

R.T.: 6.355 min  
Delta R.T.: -0.006 min  
Response: -16117  
Conc: N.D.



#13 Dieldrin

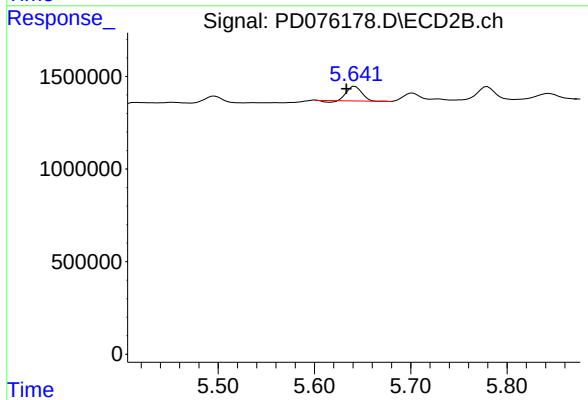
R.T.: 5.358 min  
Delta R.T.: 0.000 min  
Response: 826643  
Conc: 0.61 ng/ml



#14 Endrin

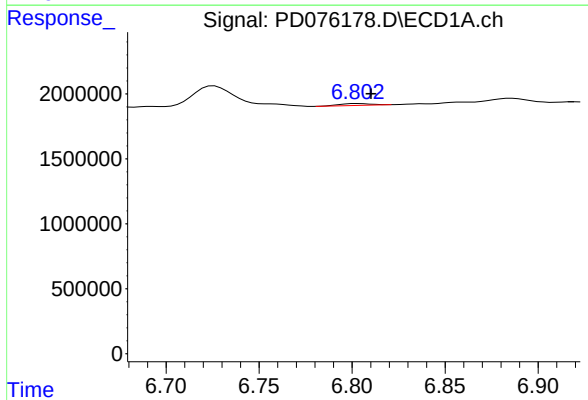
R.T.: 6.584 min  
Delta R.T.: -0.007 min  
Response: 33497  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



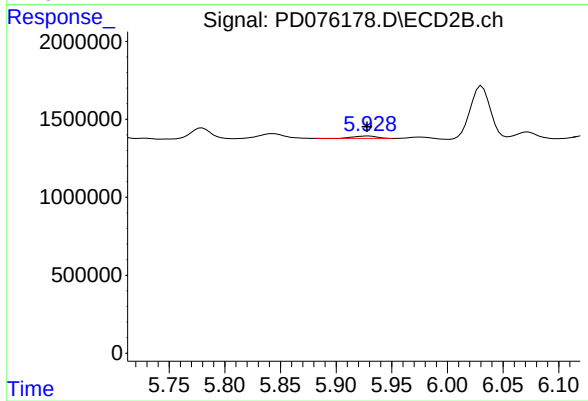
#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.009 min  
Response: 805255  
Conc: 0.66 ng/ml



#15 Endosulfan II

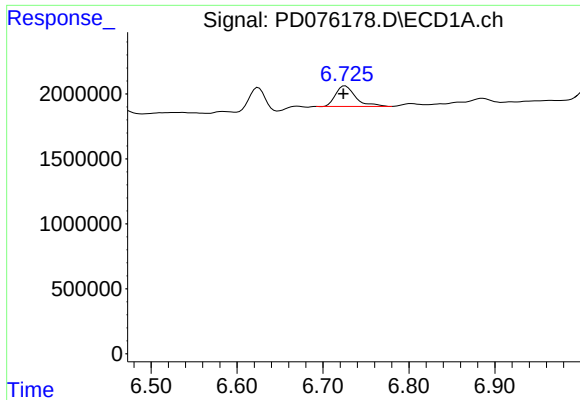
R.T.: 6.803 min  
Delta R.T.: -0.007 min  
Response: 172325  
Conc: 0.07 ng/ml



#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: 0.001 min  
Response: 220943  
Conc: 0.20 ng/ml

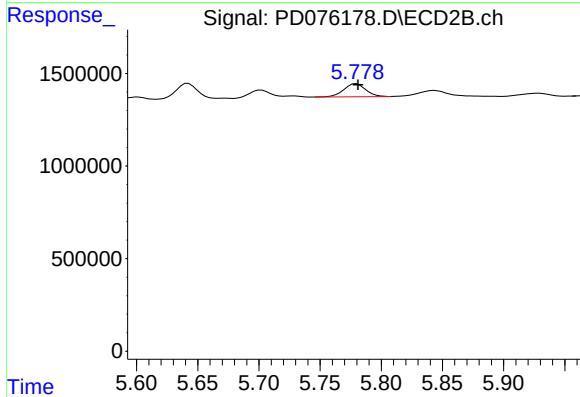




#16 4,4'-DDD

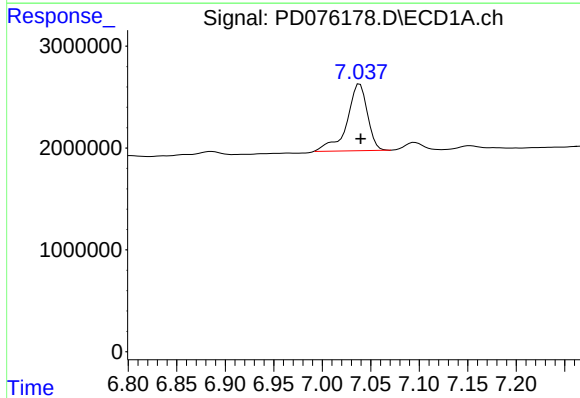
R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 2550872  
Conc: 1.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



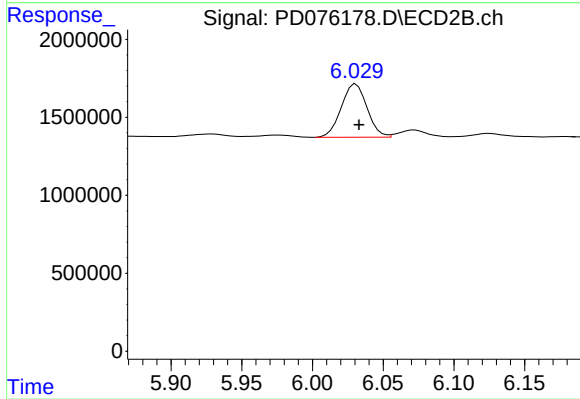
#16 4,4'-DDD

R.T.: 5.780 min  
Delta R.T.: -0.002 min  
Response: 874642  
Conc: 0.99 ng/ml



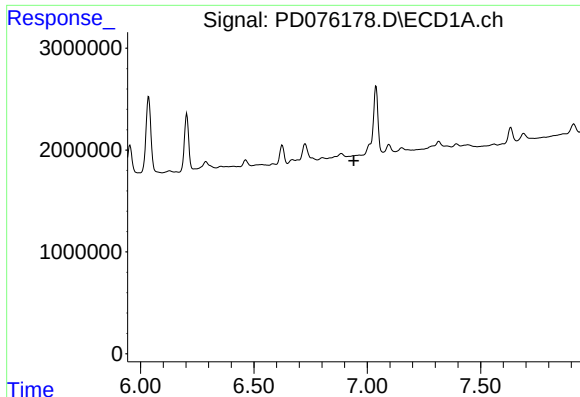
#17 4,4'-DDT

R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 9604008  
Conc: 4.23 ng/ml



#17 4,4'-DDT

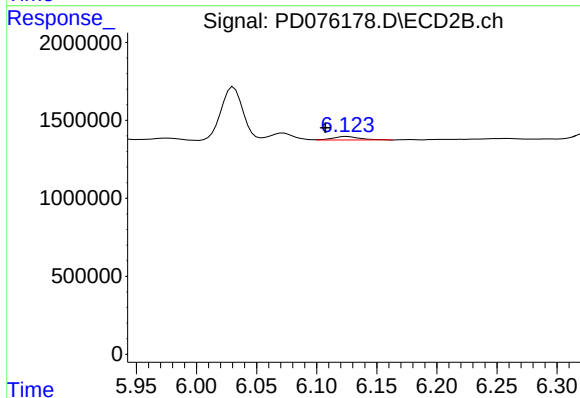
R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 4346771  
Conc: 5.35 ng/ml



#18 Endrin aldehyde

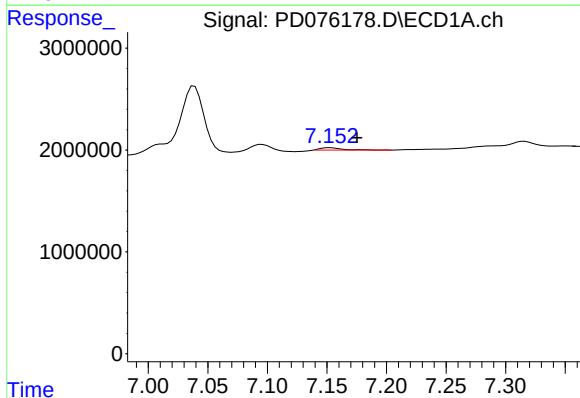
R.T.: 0.000 min  
Exp R.T.: 6.940 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



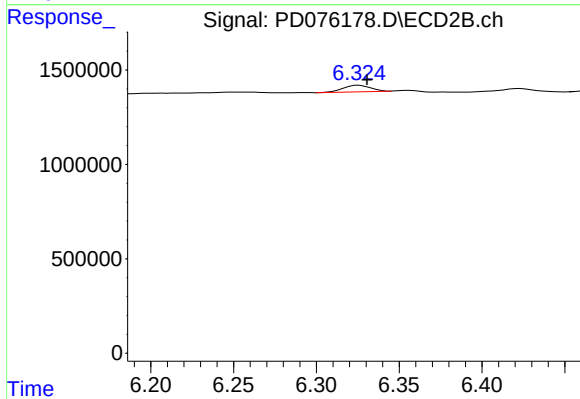
#18 Endrin aldehyde

R.T.: 6.125 min  
Delta R.T.: 0.017 min  
Response: 355777  
Conc: 0.41 ng/ml



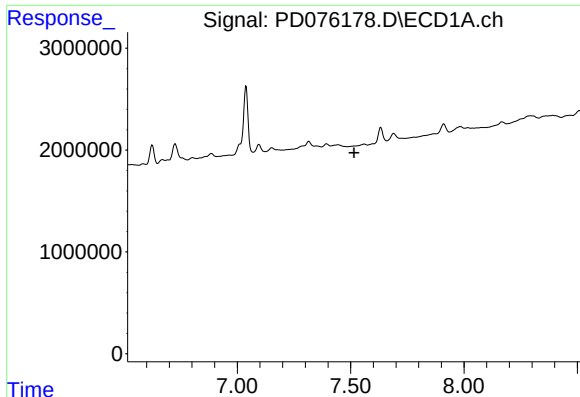
#19 Endosulfan Sulfate

R.T.: 7.153 min  
Delta R.T.: -0.022 min  
Response: 287021  
Conc: 0.11 ng/ml



#19 Endosulfan Sulfate

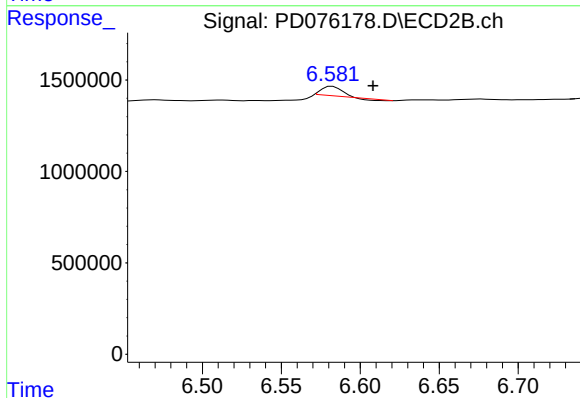
R.T.: 6.326 min  
Delta R.T.: -0.005 min  
Response: 390372  
Conc: 0.36 ng/ml



#20 Methoxychlor

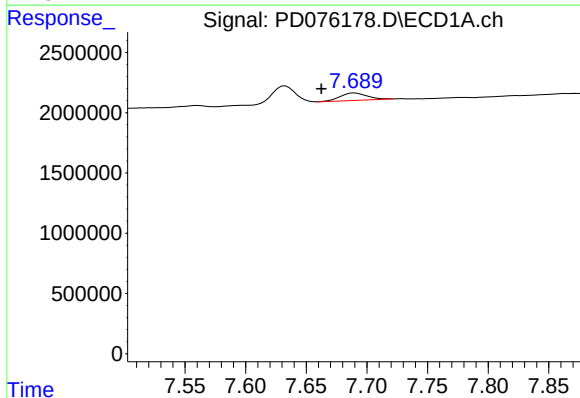
R.T.: 0.000 min  
Exp R.T.: 7.516 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



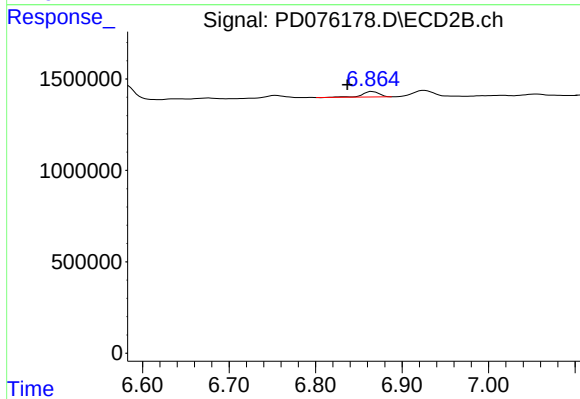
#20 Methoxychlor

R.T.: 6.582 min  
Delta R.T.: -0.026 min  
Response: 399188  
Conc: 0.86 ng/ml



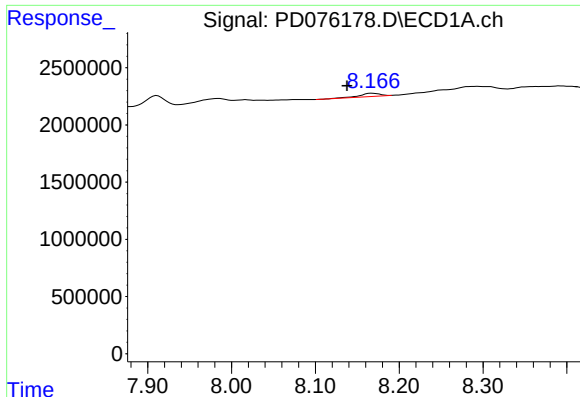
#21 Endrin ketone

R.T.: 7.690 min  
Delta R.T.: 0.028 min  
Response: 969629  
Conc: 0.35 ng/ml



#21 Endrin ketone

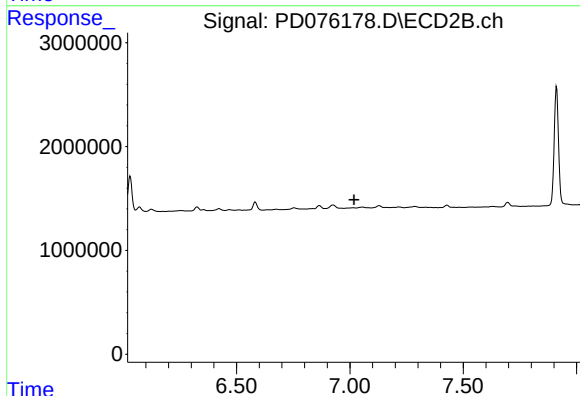
R.T.: 6.865 min  
Delta R.T.: 0.028 min  
Response: 402924  
Conc: 0.33 ng/ml



#22 Mirex

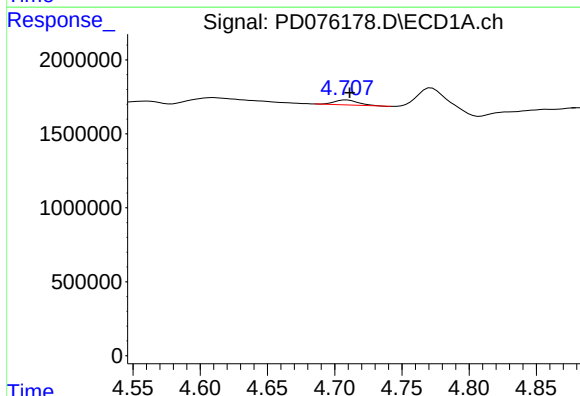
R.T.: 8.168 min  
Delta R.T.: 0.030 min  
Response: 516812  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



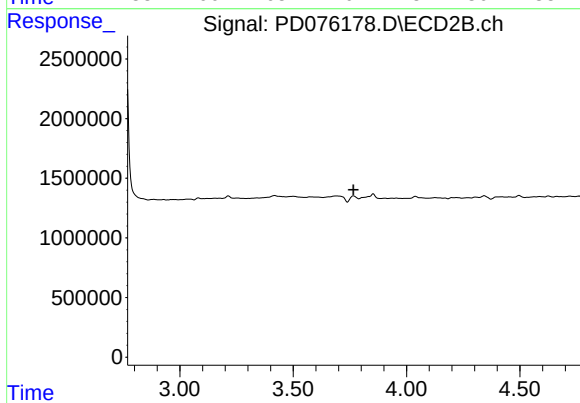
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.019 min  
Response: 0  
Conc: N.D.



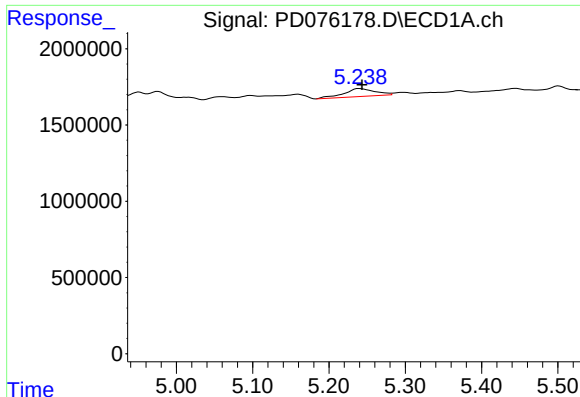
#23 Chlordane-1

R.T.: 4.709 min  
Delta R.T.: -0.003 min  
Response: 421632  
Conc: 3.67 ng/ml



#23 Chlordane-1

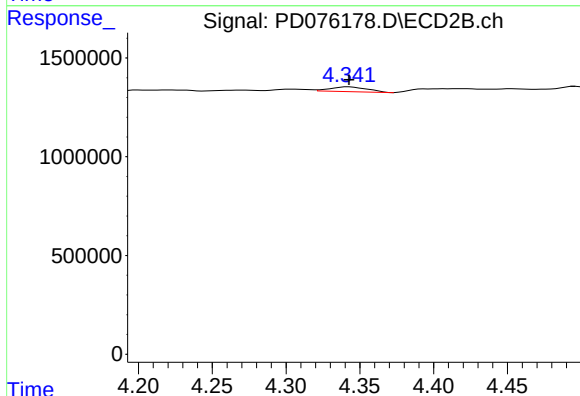
R.T.: 3.766 min  
Delta R.T.: 0.000 min  
Response: -10993  
Conc: N.D.



#24 Chlordane-2

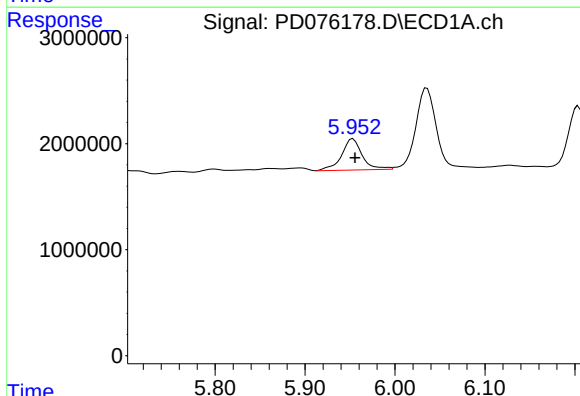
R.T.: 5.240 min  
Delta R.T.: -0.004 min  
Response: 1471895  
Conc: 11.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



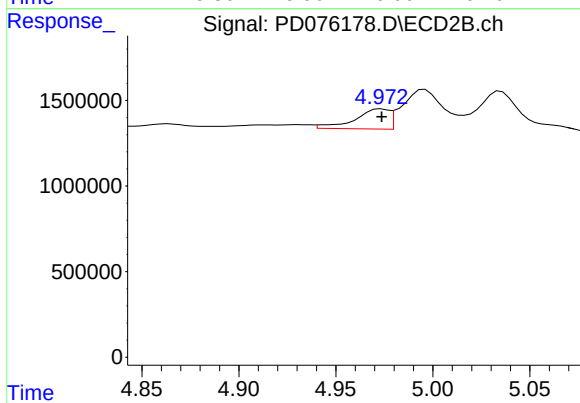
#24 Chlordane-2

R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 422839  
Conc: 7.98 ng/ml



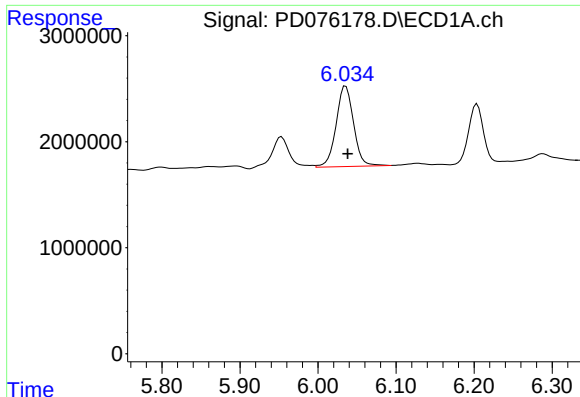
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: -0.002 min  
Response: 4700009  
Conc: 9.05 ng/ml



#25 Chlordane-3

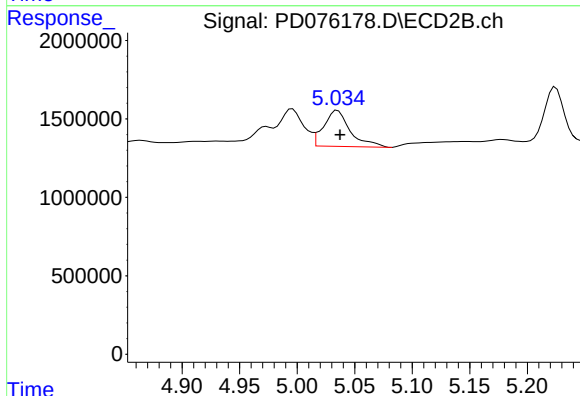
R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 1453422  
Conc: 9.79 ng/ml



#26 Chlordane-4

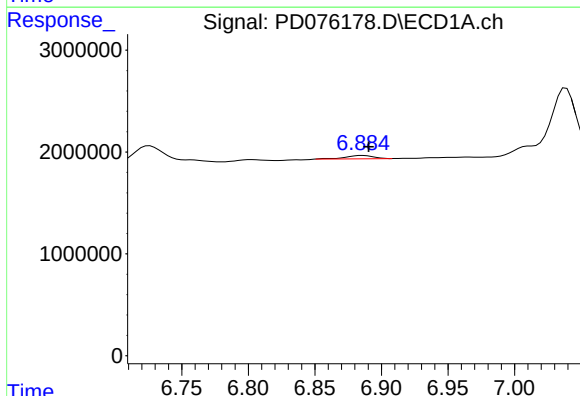
R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 11855452  
Conc: 18.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



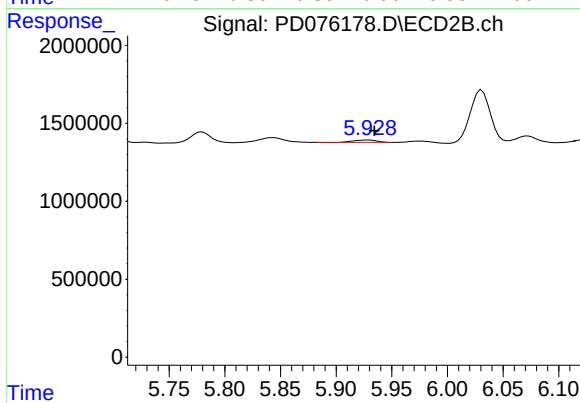
#26 Chlordane-4

R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 3677700  
Conc: 25.06 ng/ml



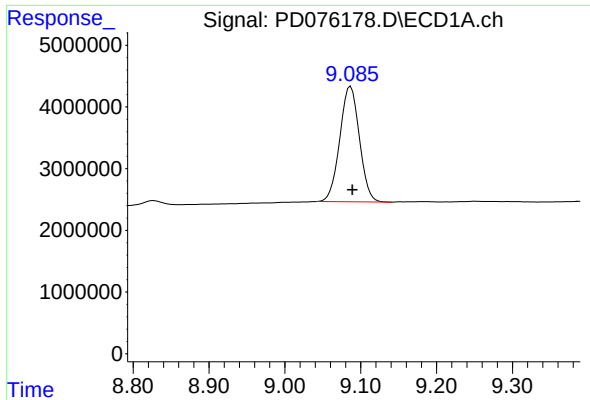
#27 Chlordane-5

R.T.: 6.886 min  
Delta R.T.: -0.005 min  
Response: 485564  
Conc: 4.87 ng/ml



#27 Chlordane-5

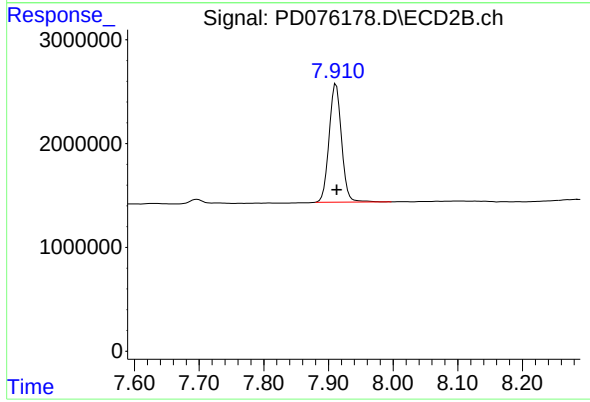
R.T.: 5.929 min  
Delta R.T.: -0.005 min  
Response: 220943  
Conc: 4.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min  
Delta R.T.: -0.002 min  
Response: 33649045  
Conc: 13.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
WC-DRUM



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 15182919  
Conc: 15.53 ng/ml