

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100323\  
 Data File : PD078578.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 06:03  
 Operator : AR\AJ  
 Sample : 04657-03  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 03 06:28:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100323.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 03 01:10:04 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

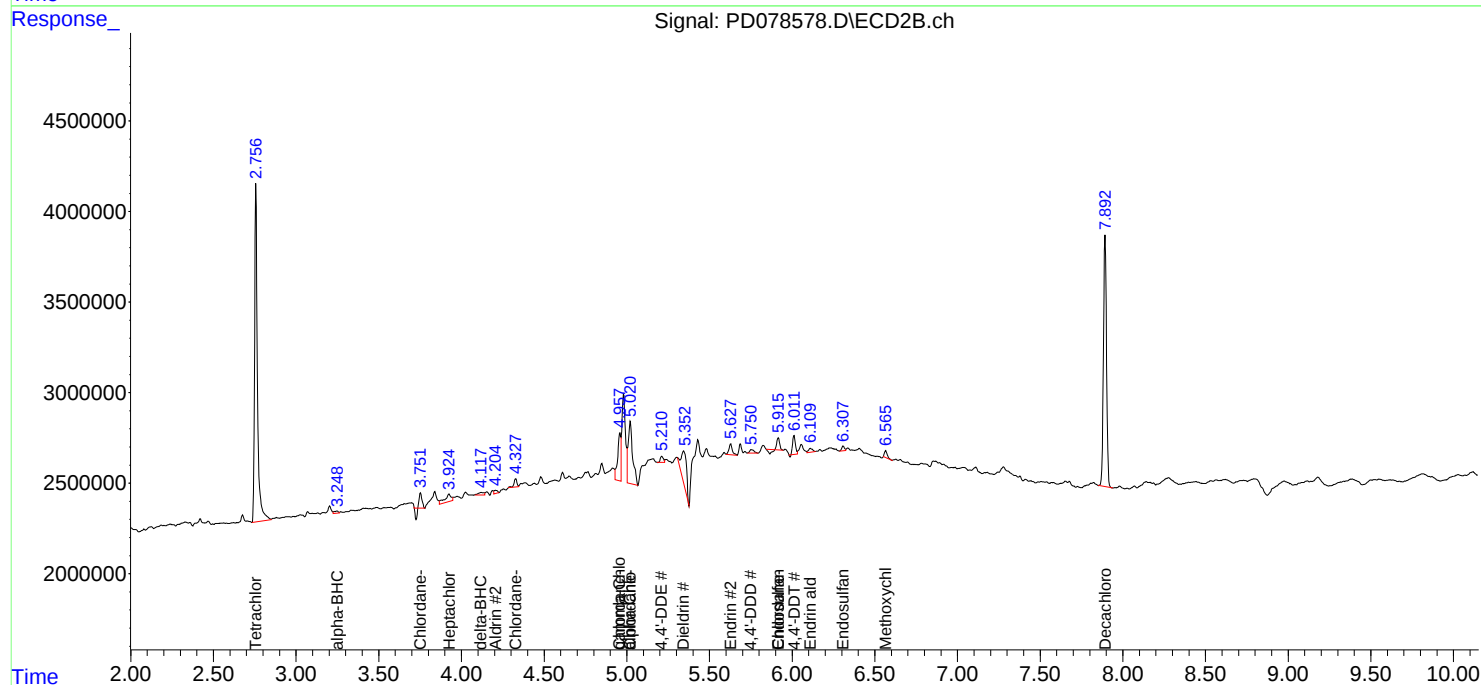
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

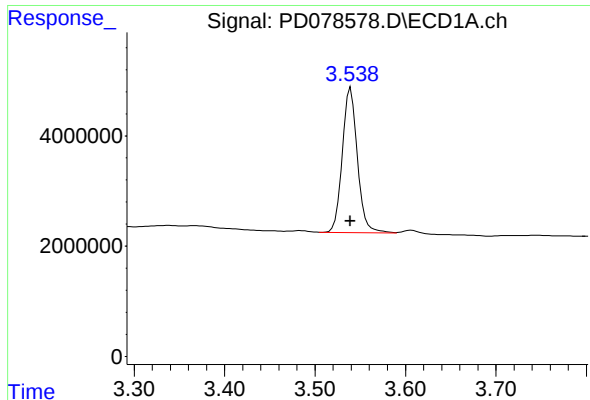
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.540  | 2.757  | 30436368 | 22400578 | 10.543 | 10.968   |
| 28)                         | SA Decachlor... | 9.078  | 7.893  | 31266064 | 17783754 | 8.431  | 7.837    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.248  | 0        | 211998   | N.D.   | 0.071 #  |
| 4)                          | MA Heptachlor   | 4.918  | 3.925  | 310109   | 1142917  | 0.066  | 0.387 #  |
| 5)                          | MB Aldrin       | 5.233f | 4.205  | 1709086  | 257525   | 0.354  | 0.087 #  |
| 7)                          | B delta-BHC     | 4.767  | 4.120  | 1063020  | 343138   | 0.236  | 0.120 #  |
| 10)                         | B gamma-Chl...  | 5.947  | 4.958  | 8177916  | 3383037  | 1.948  | 1.259 #  |
| 11)                         | B alpha-Chl...  | 6.030  | 5.021  | 14151275 | 6487589  | 3.359  | 2.416 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.211  | 0        | 429960   | N.D.   | 0.169 #  |
| 13)                         | MA Dieldrin     | 6.343  | 5.344  | 2064412  | 4295542  | 0.492  | 1.539 #  |
| 14)                         | MA Endrin       | 6.581  | 5.629  | -45418   | 850777   | N.D.   | 0.344    |
| 15)                         | B Endosulfa...  | 6.795  | 5.917  | 190613   | 465681   | 0.053  | 0.196 #  |
| 16)                         | A 4,4'-DDD      | 6.727  | 5.752  | 222164   | 330542   | 0.075  | 0.167 #  |
| 17)                         | MA 4,4'-DDT     | 7.031  | 6.012  | 663170   | 1180786  | 0.224  | 0.580 #  |
| 18)                         | B Endrin al...  | 6.954f | 6.110f | 338760   | 360821   | 0.127  | 0.195 #  |
| 19)                         | B Endosulfa...  | 7.146f | 6.309  | 124027   | 299803   | 0.039  | 0.135 #  |
| 20)                         | A Methoxychlor  | 0.000  | 6.566f | 0        | 435975   | N.D.   | 0.400 #  |
| 21)                         | B Endrin ke...  | 7.626f | 0.000  | 896578   | 0        | 0.250  | N.D. #   |
| 23)                         | Chlordane-1     | 4.703  | 3.753  | 1010910  | 662755   | 7.685  | 9.112    |
| 24)                         | Chlordane-2     | 5.233  | 4.329  | 1709086  | 561642   | 11.985 | 7.253 #  |
| 25)                         | Chlordane-3     | 5.947  | 4.958  | 8177916  | 3383037  | 13.979 | 13.130   |
| 26)                         | Chlordane-4     | 6.030  | 5.021  | 14151275 | 6487589  | 20.002 | 25.833 # |
| 27)                         | Chlordane-5     | 6.880  | 5.917  | 1268141  | 465681   | 11.426 | 5.419 #  |

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

**Instrument :**  
ECD\_D  
**ClientSampleId :**

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

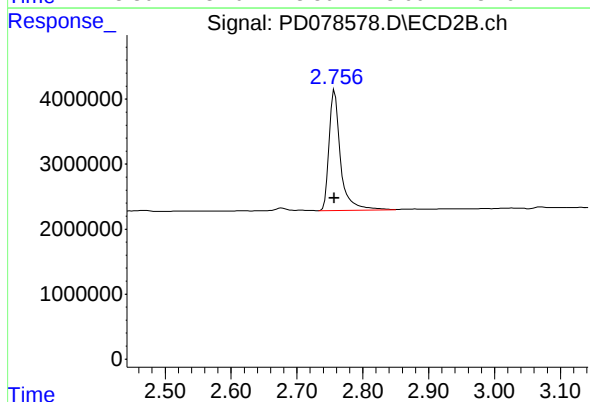




#1 Tetrachloro-m-xylene

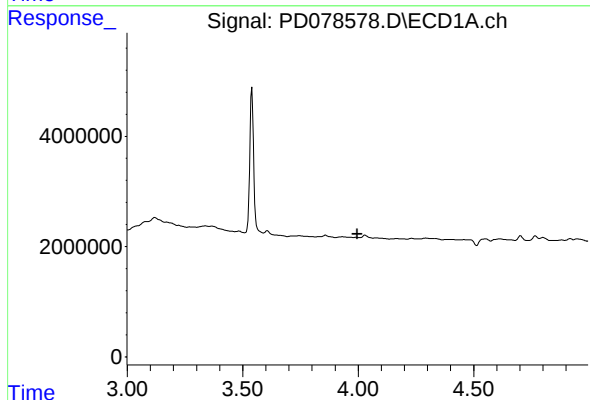
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 30436368  
Conc: 10.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



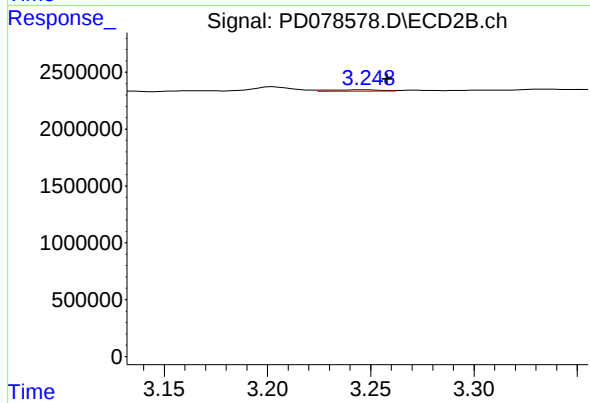
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: 0.000 min  
Response: 22400578  
Conc: 10.97 ng/ml



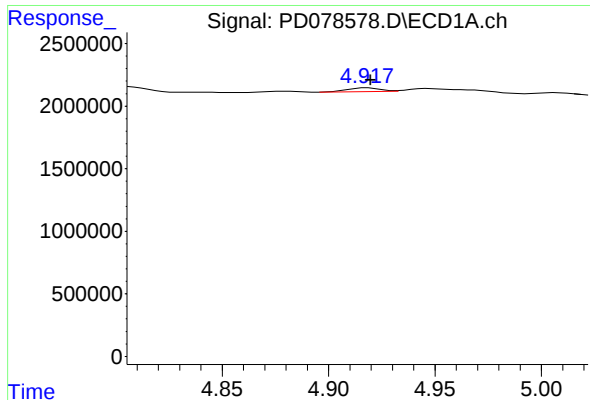
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T.: 3.996 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

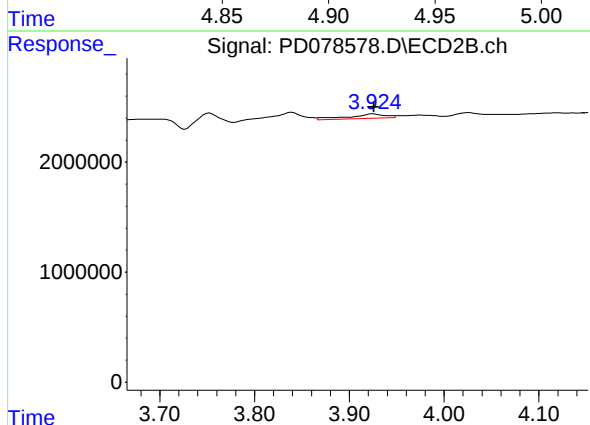
R.T.: 3.248 min  
Delta R.T.: -0.010 min  
Response: 211998  
Conc: 0.07 ng/ml



#4 Heptachlor

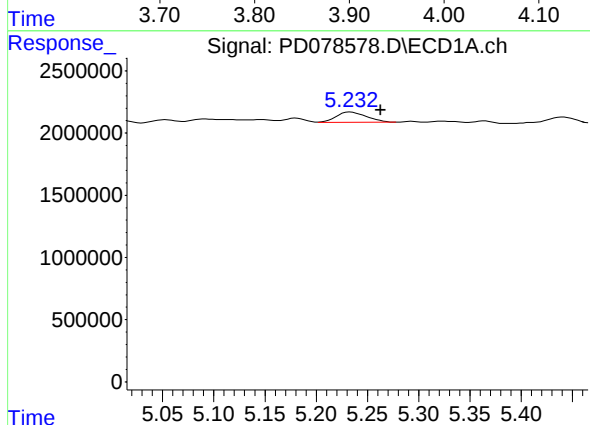
R.T.: 4.918 min  
Delta R.T.: -0.001 min  
Response: 310109  
Conc: 0.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



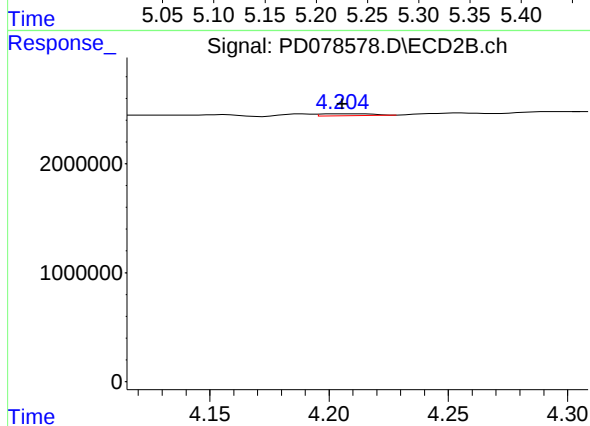
#4 Heptachlor

R.T.: 3.925 min  
Delta R.T.: 0.000 min  
Response: 1142917  
Conc: 0.39 ng/ml



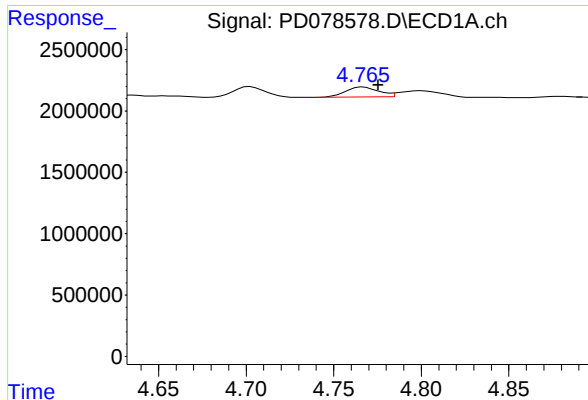
#5 Aldrin

R.T.: 5.233 min  
Delta R.T.: -0.030 min  
Response: 1709086  
Conc: 0.35 ng/ml



#5 Aldrin

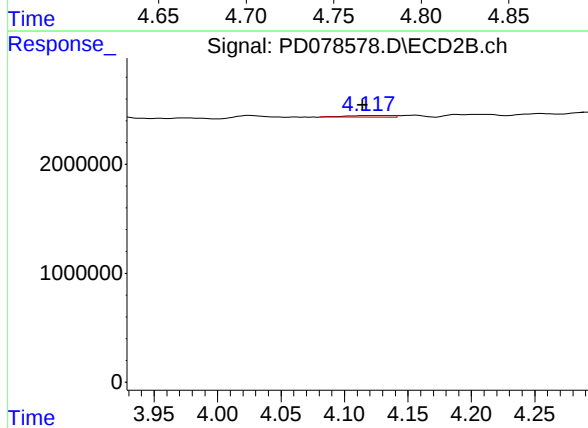
R.T.: 4.205 min  
Delta R.T.: 0.000 min  
Response: 257525  
Conc: 0.09 ng/ml



#7 delta-BHC

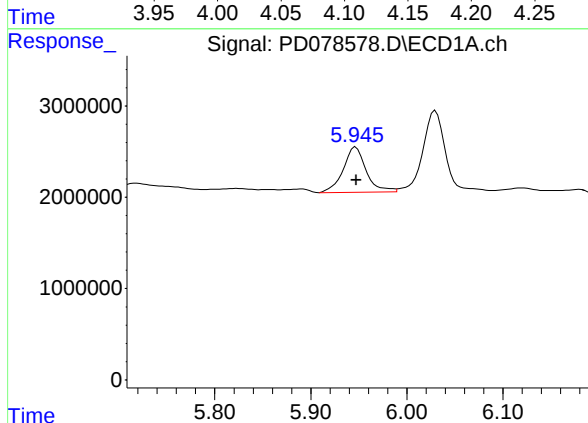
R.T.: 4.767 min  
Delta R.T.: -0.009 min  
Response: 1063020  
Conc: 0.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



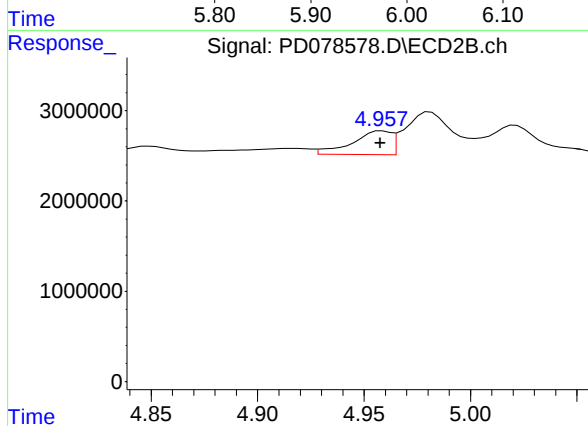
#7 delta-BHC

R.T.: 4.120 min  
Delta R.T.: 0.006 min  
Response: 343138  
Conc: 0.12 ng/ml



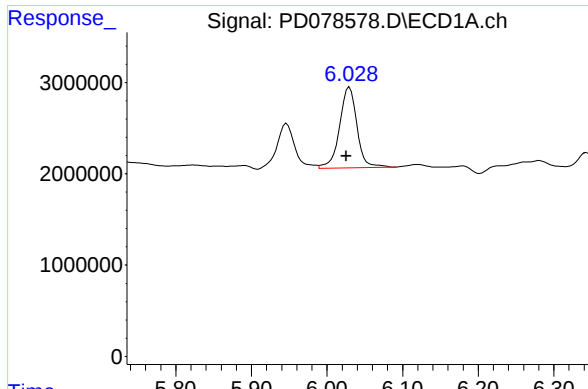
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 8177916  
Conc: 1.95 ng/ml



#10 gamma-Chlordane

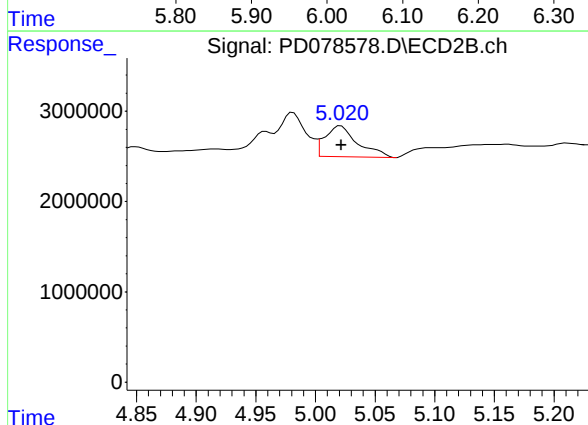
R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 3383037  
Conc: 1.26 ng/ml



#11 alpha-Chlordane

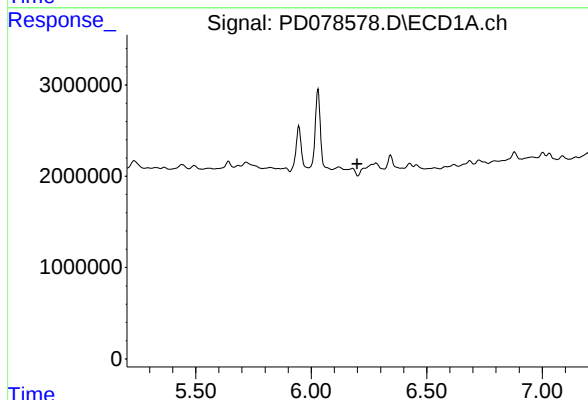
R.T.: 6.030 min  
Delta R.T.: 0.004 min  
Response: 14151275  
Conc: 3.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



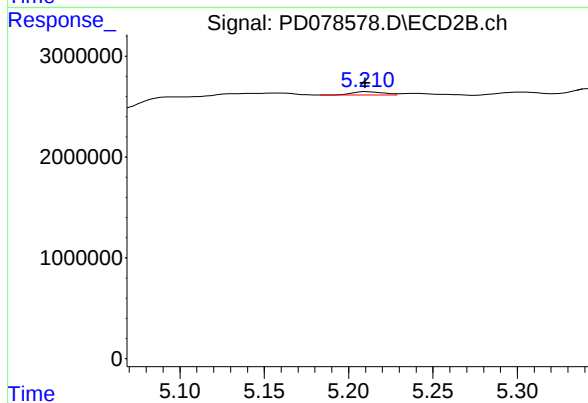
#11 alpha-Chlordane

R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 6487589  
Conc: 2.42 ng/ml



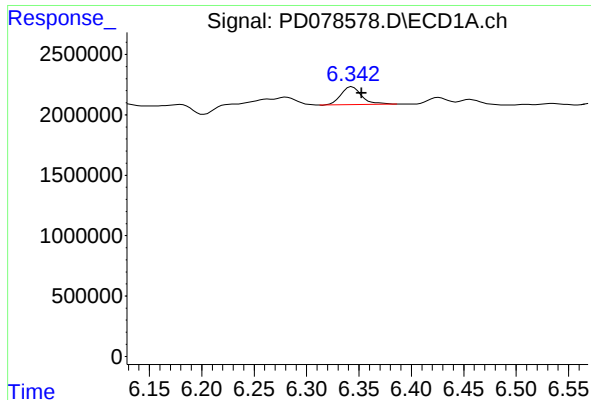
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.199 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

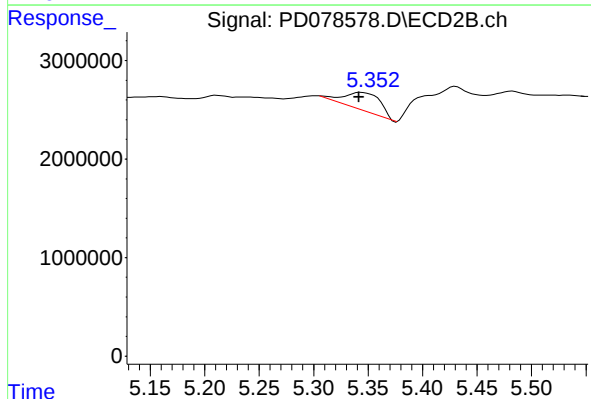
R.T.: 5.211 min  
Delta R.T.: 0.001 min  
Response: 429960  
Conc: 0.17 ng/ml



#13 Dieldrin

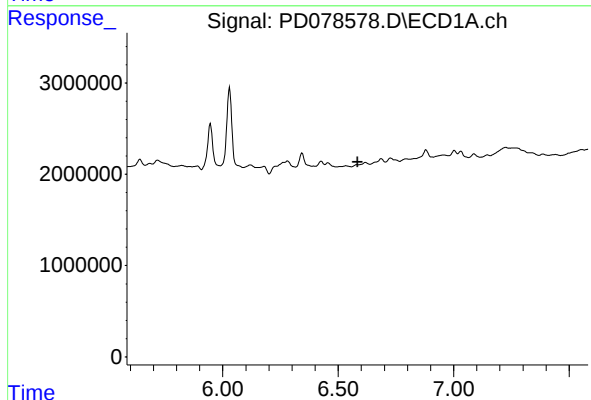
R.T.: 6.343 min  
Delta R.T.: -0.009 min  
Response: 2064412  
Conc: 0.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



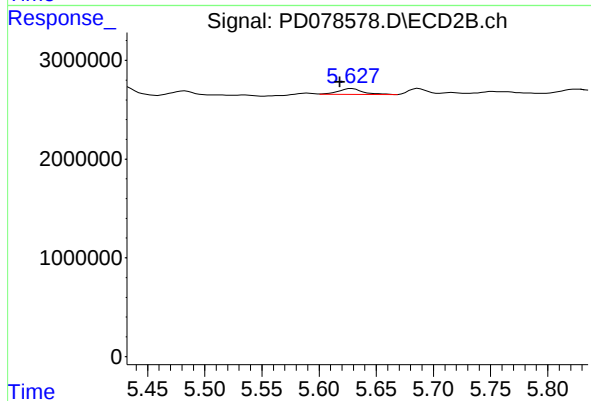
#13 Dieldrin

R.T.: 5.344 min  
Delta R.T.: 0.002 min  
Response: 4295542  
Conc: 1.54 ng/ml



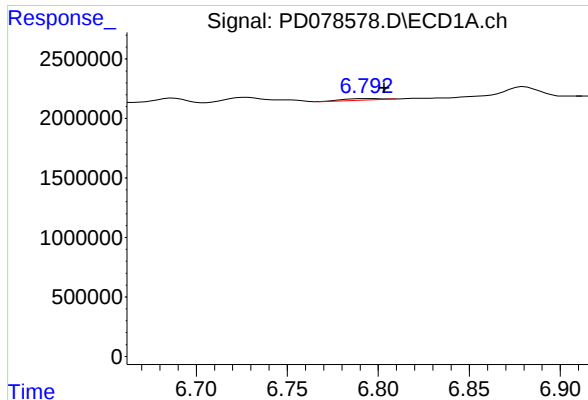
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: -0.002 min  
Response: -45418  
Conc: N.D.



#14 Endrin

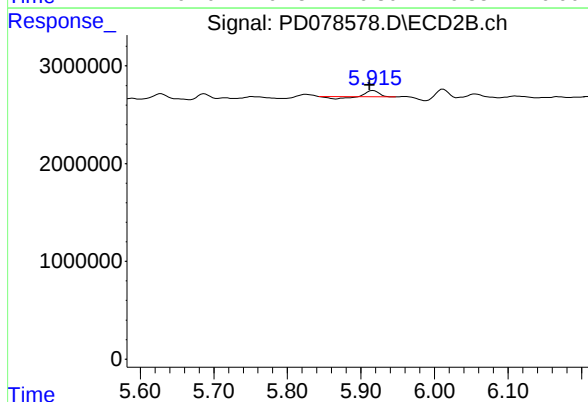
R.T.: 5.629 min  
Delta R.T.: 0.010 min  
Response: 850777  
Conc: 0.34 ng/ml



#15 Endosulfan II

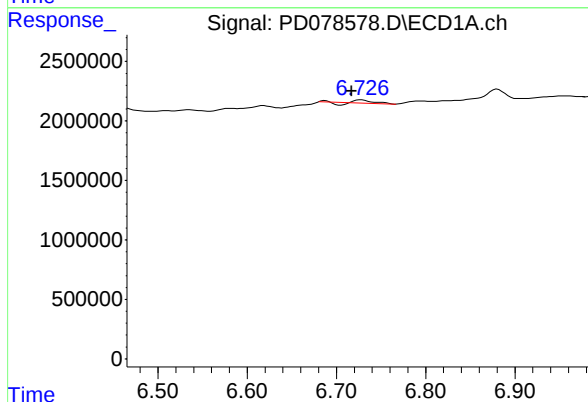
R.T.: 6.795 min  
Delta R.T.: -0.009 min  
Response: 190613  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



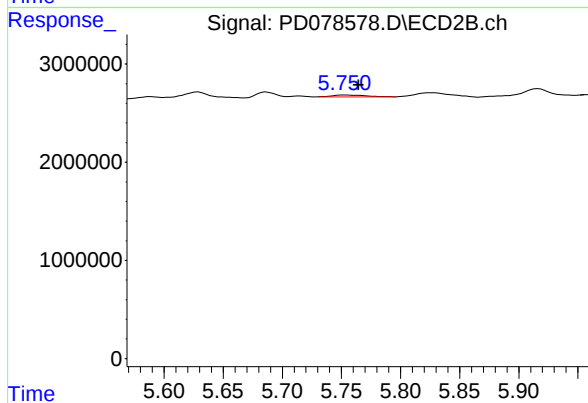
#15 Endosulfan II

R.T.: 5.917 min  
Delta R.T.: 0.005 min  
Response: 465681  
Conc: 0.20 ng/ml



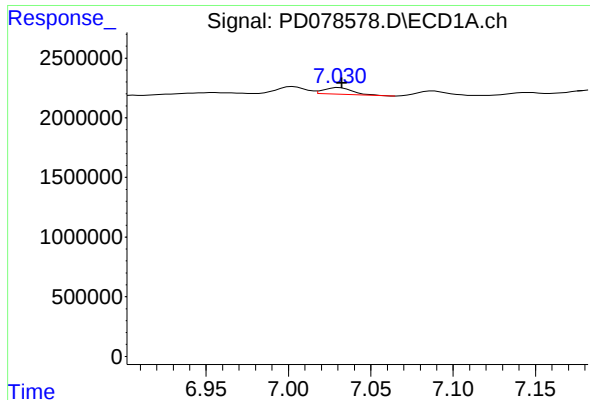
#16 4,4'-DDD

R.T.: 6.727 min  
Delta R.T.: 0.010 min  
Response: 222164  
Conc: 0.07 ng/ml



#16 4,4'-DDD

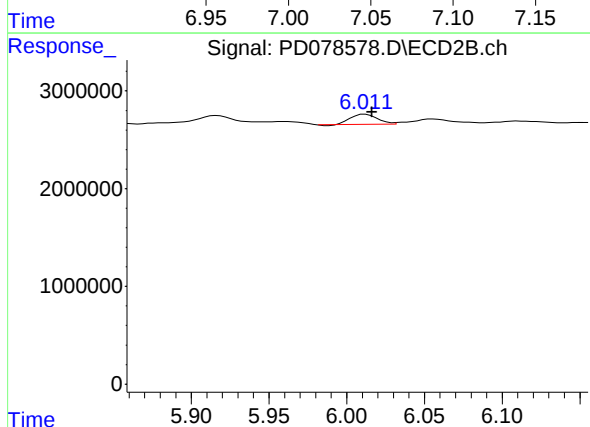
R.T.: 5.752 min  
Delta R.T.: -0.013 min  
Response: 330542  
Conc: 0.17 ng/ml



#17 4,4'-DDT

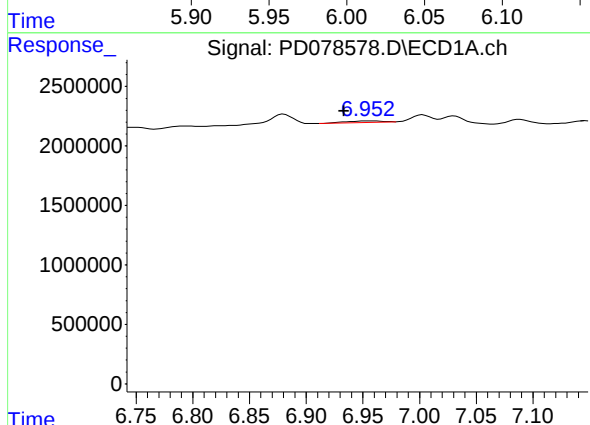
R.T.: 7.031 min  
Delta R.T.: -0.002 min  
Response: 663170  
Conc: 0.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



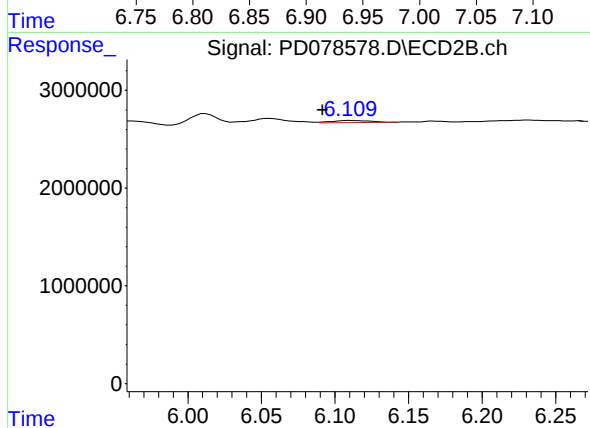
#17 4,4'-DDT

R.T.: 6.012 min  
Delta R.T.: -0.004 min  
Response: 1180786  
Conc: 0.58 ng/ml



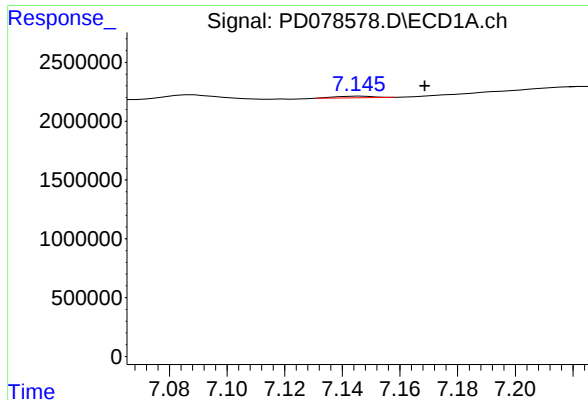
#18 Endrin aldehyde

R.T.: 6.954 min  
Delta R.T.: 0.020 min  
Response: 338760  
Conc: 0.13 ng/ml



#18 Endrin aldehyde

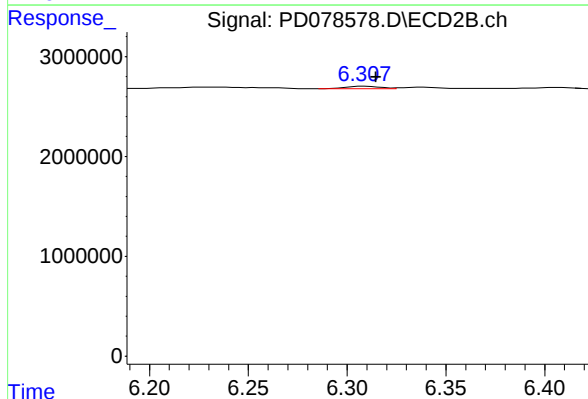
R.T.: 6.110 min  
Delta R.T.: 0.019 min  
Response: 360821  
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

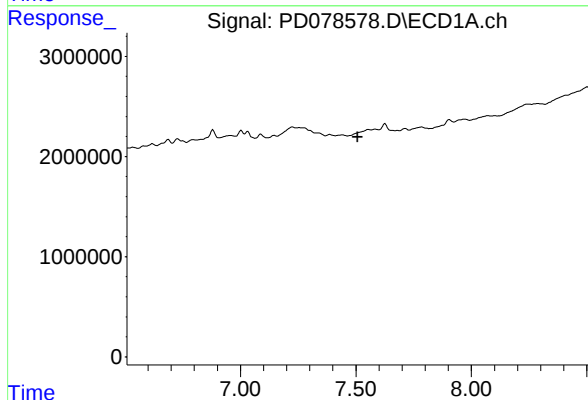
R.T.: 7.146 min  
Delta R.T.: -0.023 min  
Response: 124027  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



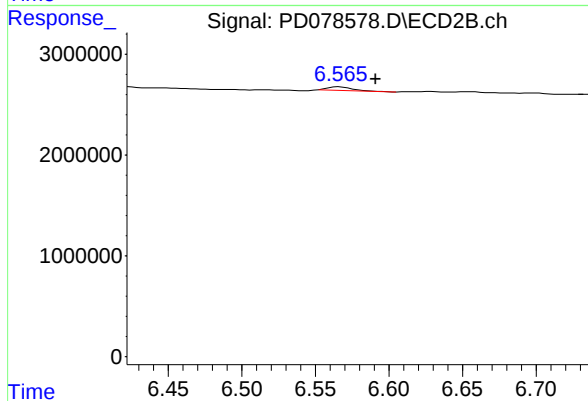
#19 Endosulfan Sulfate

R.T.: 6.309 min  
Delta R.T.: -0.006 min  
Response: 299803  
Conc: 0.14 ng/ml



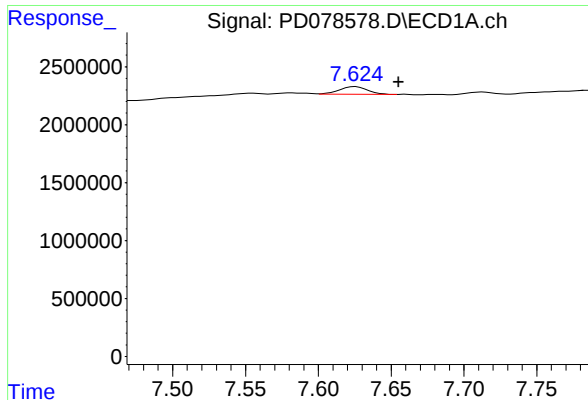
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T.: 7.508 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

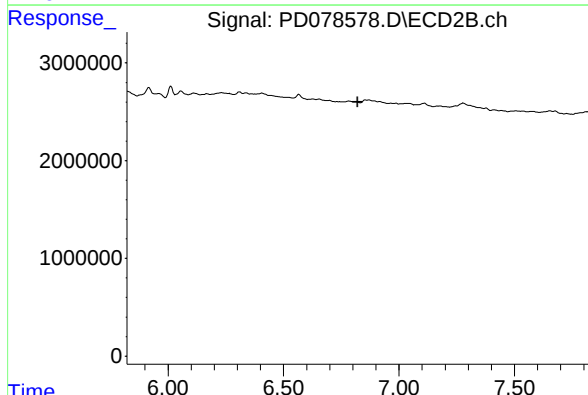
R.T.: 6.566 min  
Delta R.T.: -0.025 min  
Response: 435975  
Conc: 0.40 ng/ml



#21 Endrin ketone

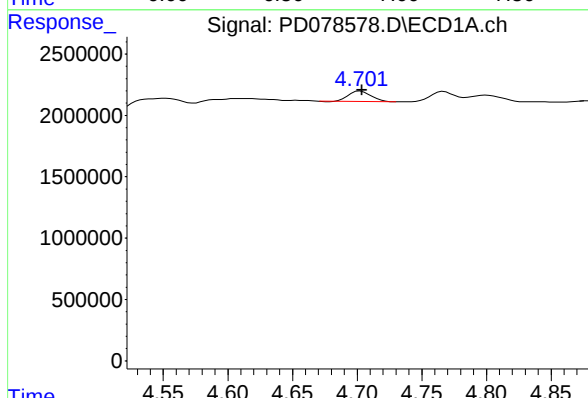
R.T.: 7.626 min  
Delta R.T.: -0.030 min  
Response: 896578  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



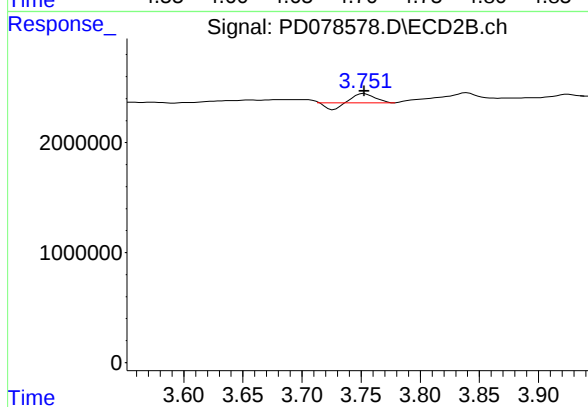
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.820 min  
Response: 0  
Conc: N.D.



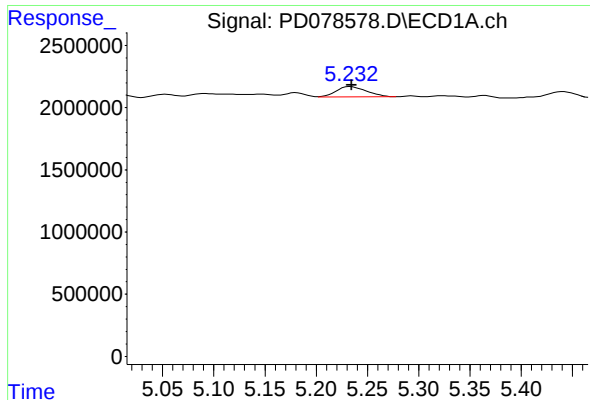
#23 Chlordane-1

R.T.: 4.703 min  
Delta R.T.: -0.001 min  
Response: 1010910  
Conc: 7.68 ng/ml



#23 Chlordane-1

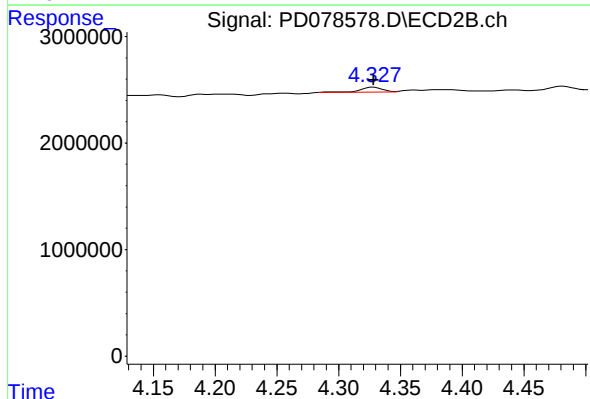
R.T.: 3.753 min  
Delta R.T.: 0.000 min  
Response: 662755  
Conc: 9.11 ng/ml



#24 Chlordane-2

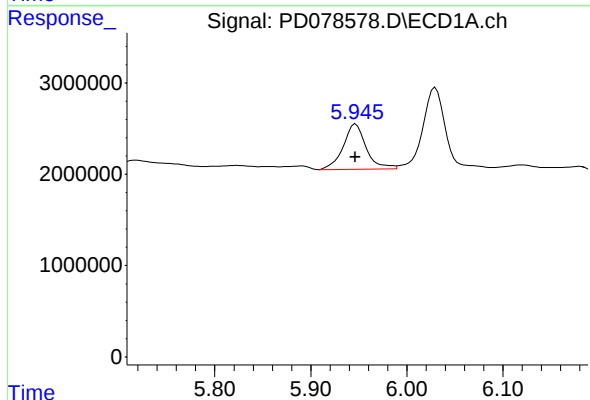
R.T.: 5.233 min  
Delta R.T.: -0.002 min  
Response: 1709086  
Conc: 11.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



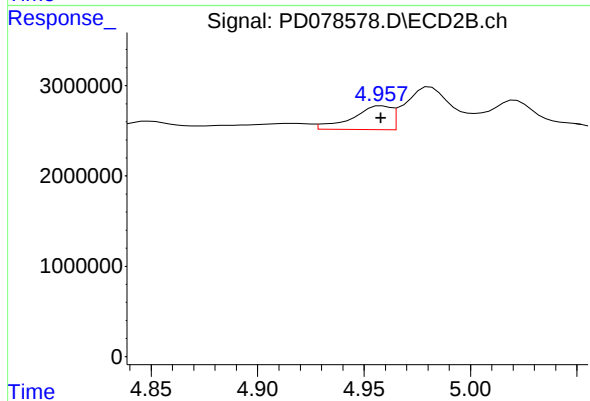
#24 Chlordane-2

R.T.: 4.329 min  
Delta R.T.: 0.000 min  
Response: 561642  
Conc: 7.25 ng/ml



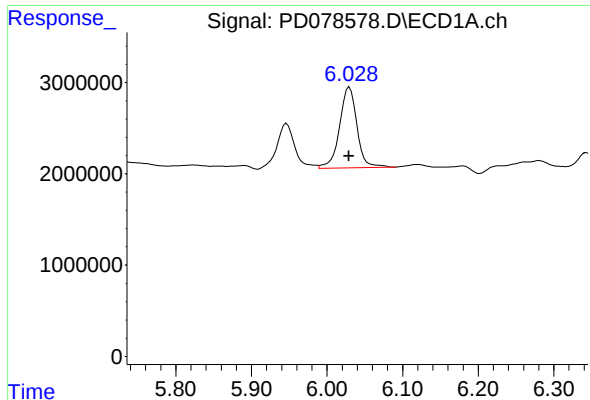
#25 Chlordane-3

R.T.: 5.947 min  
Delta R.T.: 0.000 min  
Response: 8177916  
Conc: 13.98 ng/ml



#25 Chlordane-3

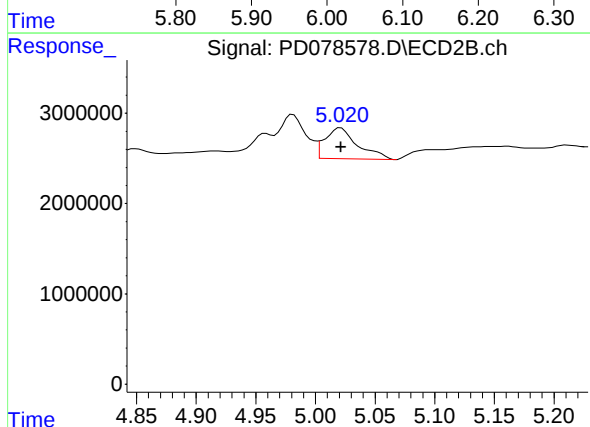
R.T.: 4.958 min  
Delta R.T.: 0.000 min  
Response: 3383037  
Conc: 13.13 ng/ml



#26 Chlordane-4

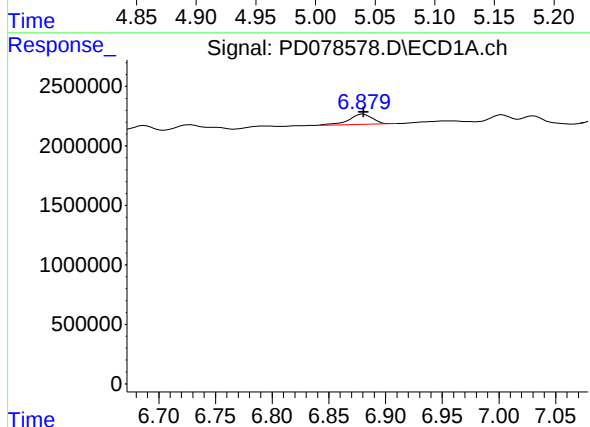
R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 14151275  
Conc: 20.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



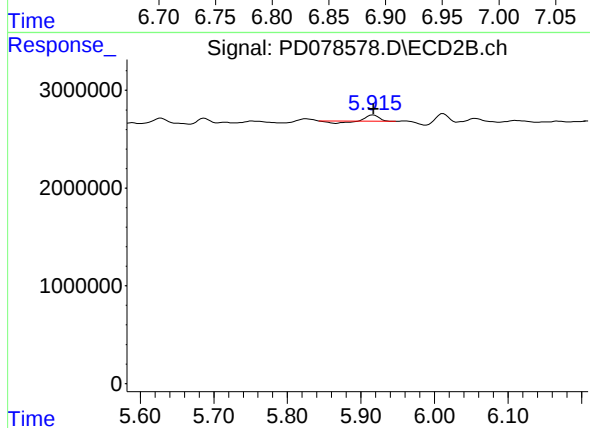
#26 Chlordane-4

R.T.: 5.021 min  
Delta R.T.: 0.000 min  
Response: 6487589  
Conc: 25.83 ng/ml



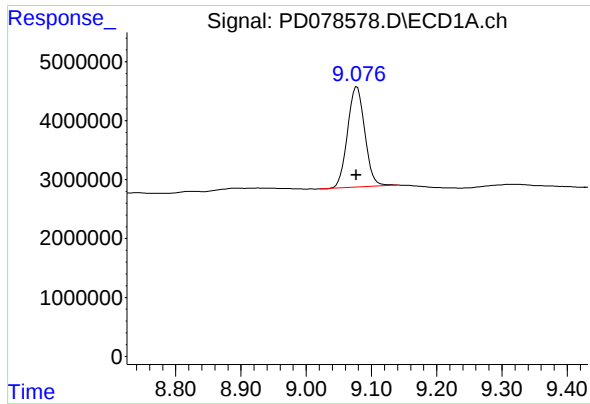
#27 Chlordane-5

R.T.: 6.880 min  
Delta R.T.: 0.000 min  
Response: 1268141  
Conc: 11.43 ng/ml



#27 Chlordane-5

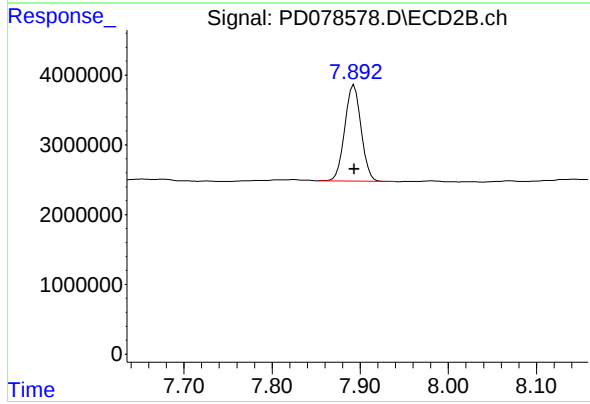
R.T.: 5.917 min  
Delta R.T.: 0.000 min  
Response: 465681  
Conc: 5.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.001 min  
Response: 31266064  
Conc: 8.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.893 min  
Delta R.T.: 0.000 min  
Response: 17783754  
Conc: 7.84 ng/ml