

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
 Data File : PD078641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Oct 2023 22:50  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 01:17:14 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  | 59281470 | 42510091 | 20.536 | 20.814   |
| 28)                         | SA Decachlor... | 9.077  | 7.893  | 77667474 | 45167994 | 20.943 | 19.905   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.995  | 3.246  | 1733338  | 336703   | 0.357  | 0.112 #  |
| 3)                          | MA gamma-BHC... | 4.303f | 3.602  | 163819   | 48285    | 0.035  | 0.017 #  |
| 4)                          | MA Heptachlor   | 4.908  | 3.928  | 1634269  | 101381   | 0.348  | 0.034 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.212  | 0        | 3249992  | N.D.   | 1.095 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.891  | 0        | 419218   | N.D.   | 0.363 #  |
| 7)                          | B delta-BHC     | 4.764  | 0.000  | 5924055  | 0        | 1.315  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.686  | 0.000  | 563372   | 0        | 0.134  | N.D. #   |
| 9)                          | A Endosulfan I  | 6.075  | 0.000  | 95229    | 0        | 0.024  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.933  | 0.000  | 103733   | 0        | 0.025  | N.D. #   |
| 11)                         | B alpha-Chl...  | 6.019  | 5.019  | 105197   | 457717   | 0.025  | 0.170 #  |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.213  | 258448   | 188910   | 0.065  | 0.074    |
| 14)                         | MA Endrin       | 0.000  | 5.636f | 0        | 1366608  | N.D.   | 0.552 #  |
| 15)                         | B Endosulfa...  | 6.778f | 0.000  | 1500977  | 0        | 0.417  | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 7.007f | 6.023  | 164713   | 426234   | 0.056  | 0.209 #  |
| 18)                         | B Endrin al...  | 0.000  | 6.106  | 0        | 138060   | N.D.   | 0.074 #  |
| 21)                         | B Endrin ke...  | 7.685f | 0.000  | 289999   | 0        | 0.081  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.746  | 0        | 368980   | N.D.   | 5.073 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.303f | 0        | 1415401  | N.D.   | 18.277 # |
| 25)                         | Chlordane-3     | 5.933  | 0.000  | 103733   | 0        | 0.177  | N.D. #   |
| 26)                         | Chlordane-4     | 6.019  | 5.019  | 105197   | 457717   | 0.149  | 1.823 #  |

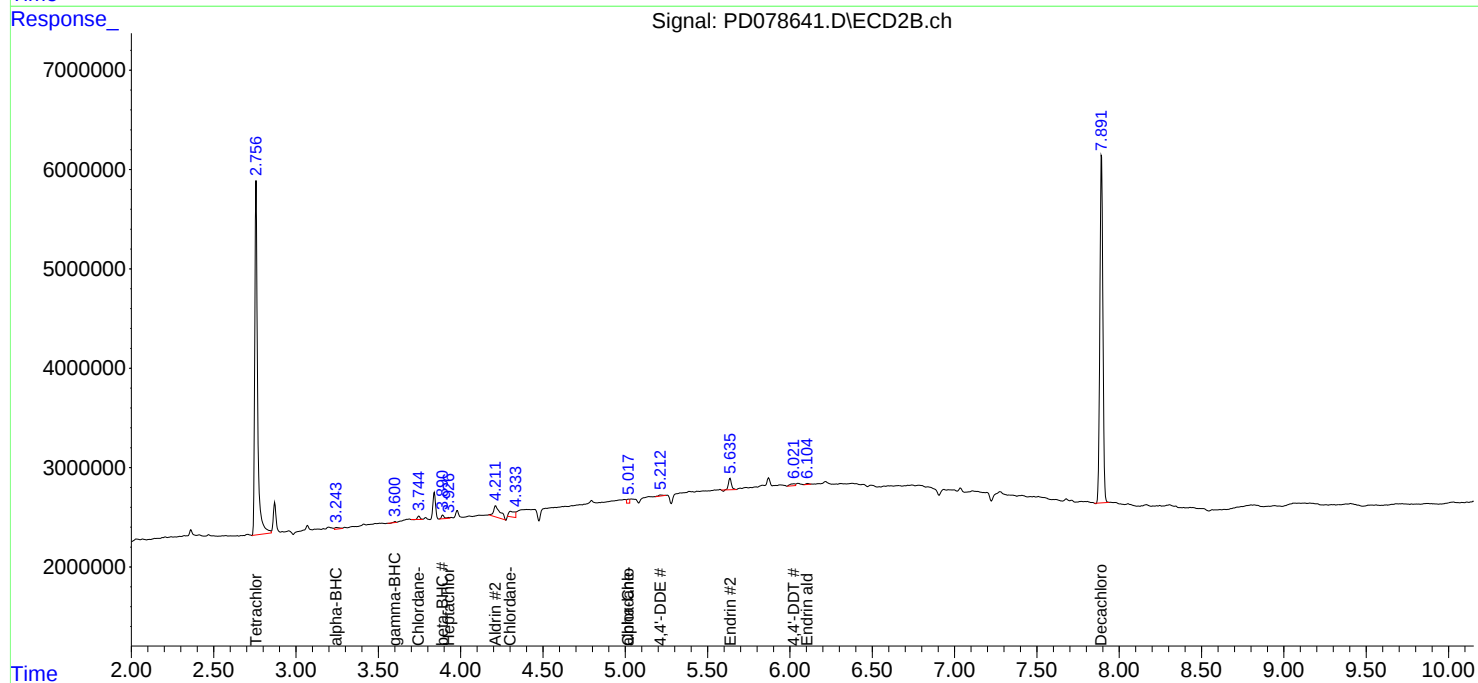
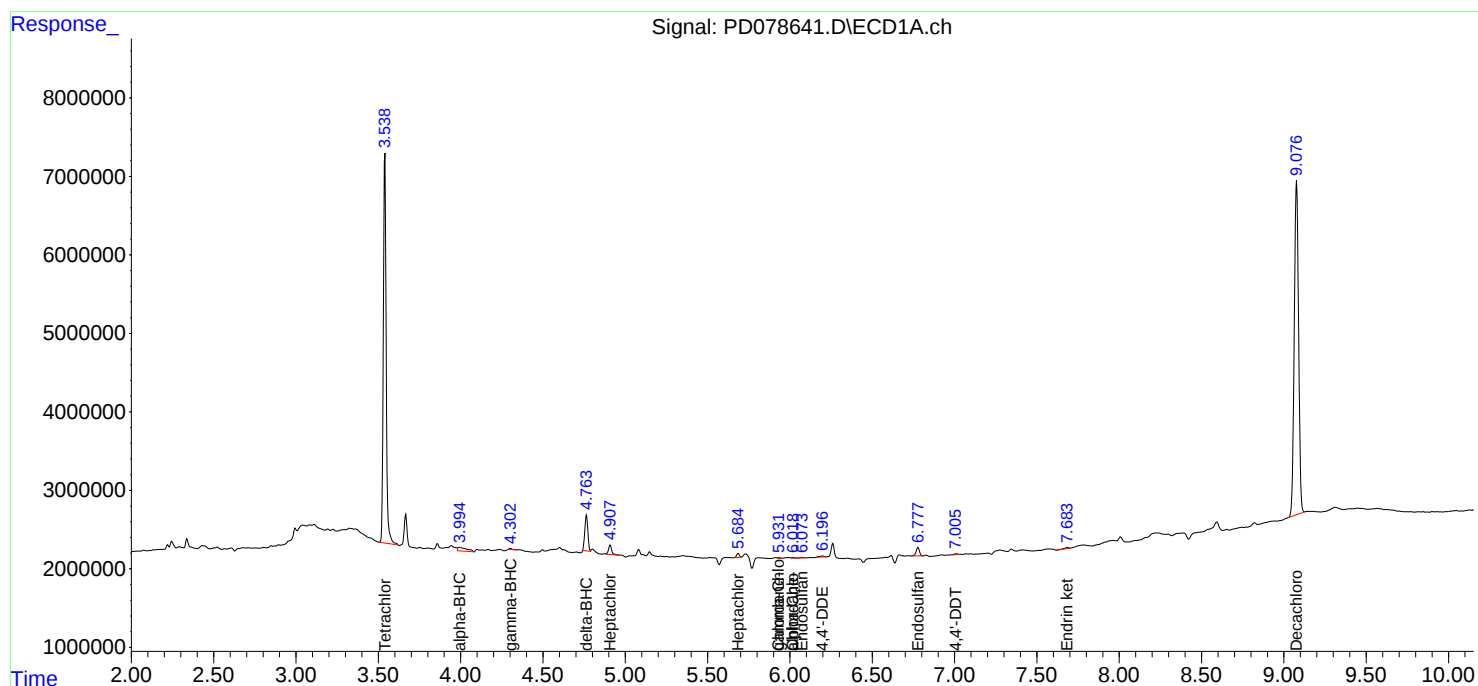
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

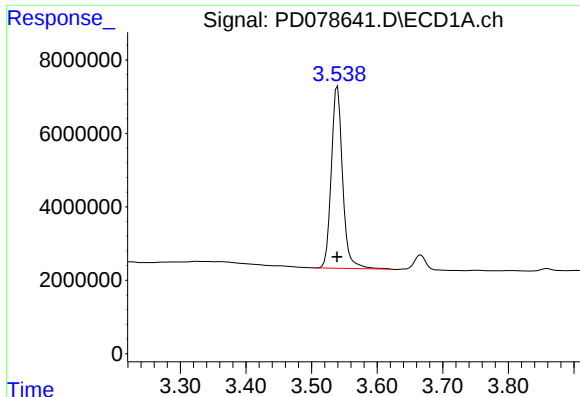
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100423\  
Data File : PD078641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Oct 2023 22:50  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 01:17:14 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

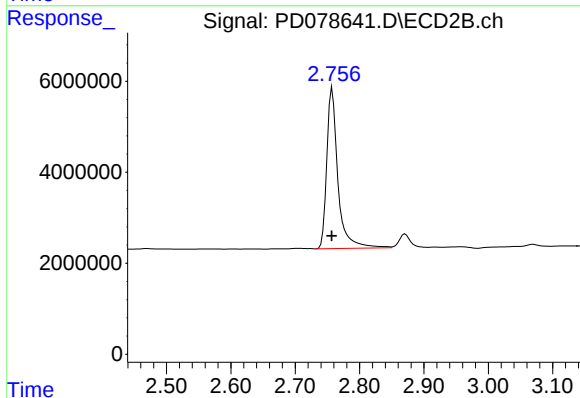




#1 Tetrachloro-m-xylene

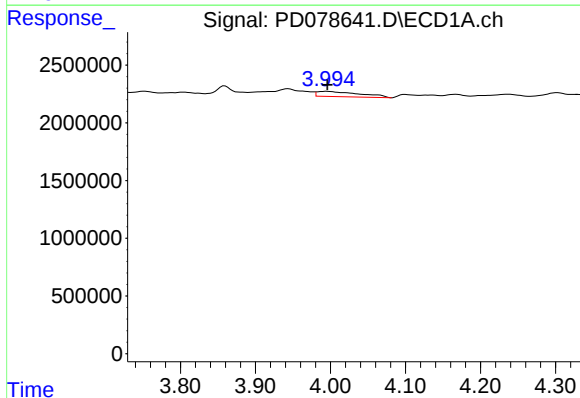
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 59281470  
Conc: 20.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



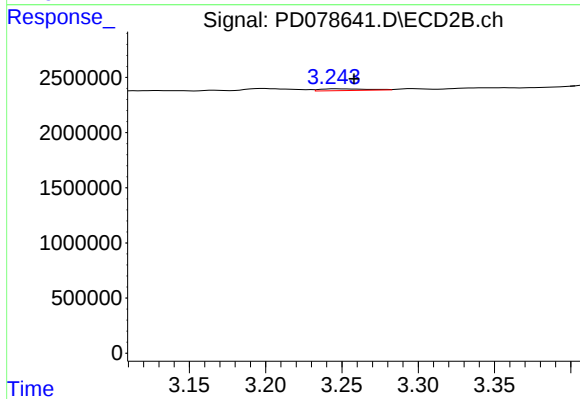
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: 0.000 min  
Response: 42510091  
Conc: 20.81 ng/ml



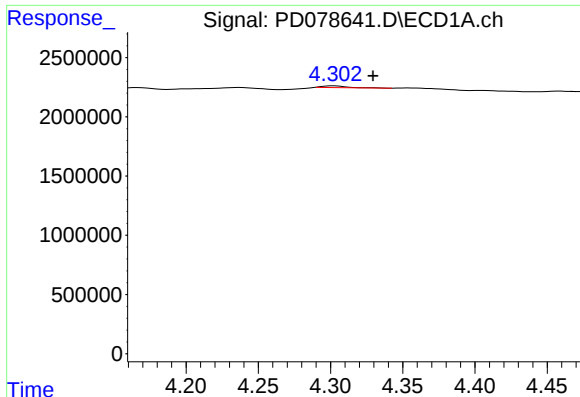
#2 alpha-BHC

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 1733338  
Conc: 0.36 ng/ml



#2 alpha-BHC

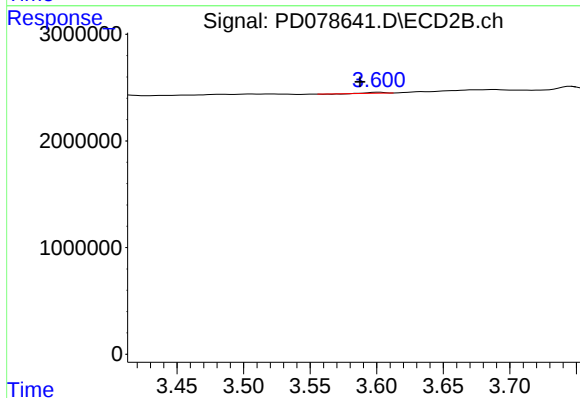
R.T.: 3.246 min  
Delta R.T.: -0.012 min  
Response: 336703  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

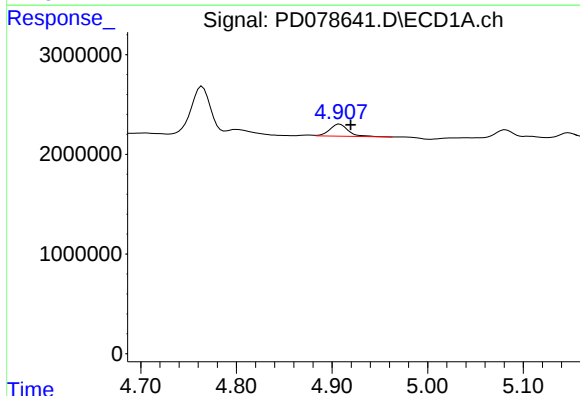
R.T.: 4.303 min  
Delta R.T.: -0.027 min  
Response: 163819  
Conc: 0.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



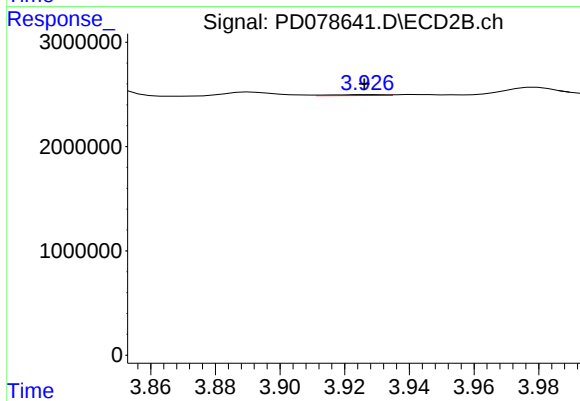
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: 0.014 min  
Response: 48285  
Conc: 0.02 ng/ml



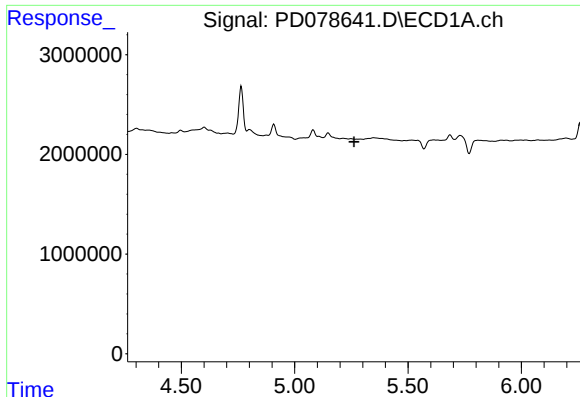
#4 Heptachlor

R.T.: 4.908 min  
Delta R.T.: -0.012 min  
Response: 1634269  
Conc: 0.35 ng/ml



#4 Heptachlor

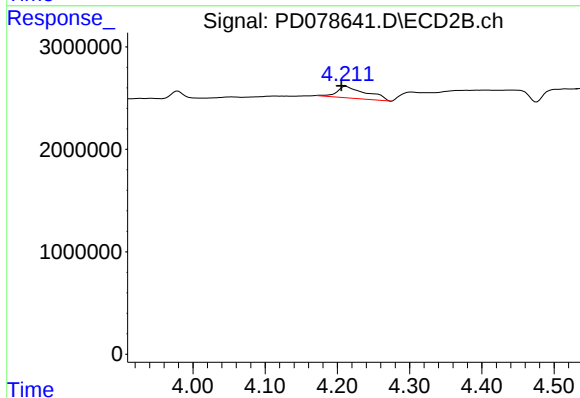
R.T.: 3.928 min  
Delta R.T.: 0.002 min  
Response: 101381  
Conc: 0.03 ng/ml



#5 Aldrin

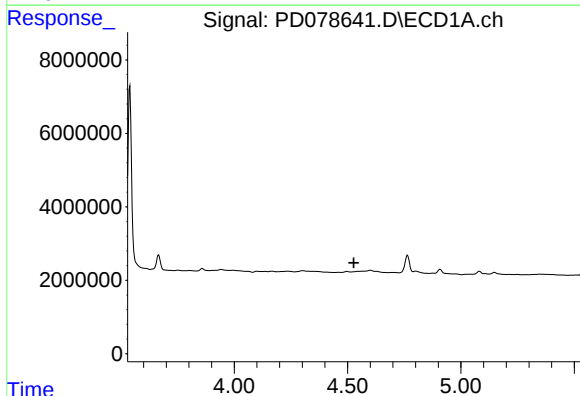
R.T.: 0.000 min  
Exp R.T.: 5.263 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



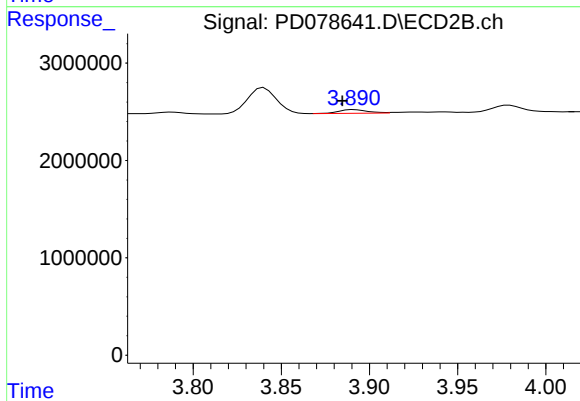
#5 Aldrin

R.T.: 4.212 min  
Delta R.T.: 0.007 min  
Response: 3249992  
Conc: 1.10 ng/ml



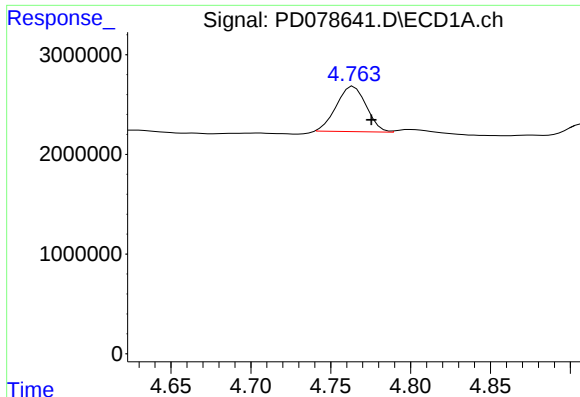
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.527 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

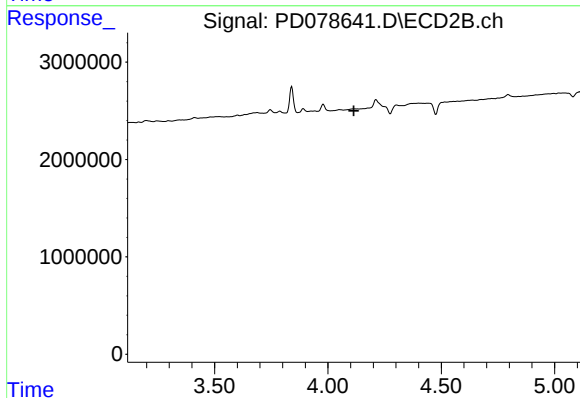
R.T.: 3.891 min  
Delta R.T.: 0.006 min  
Response: 419218  
Conc: 0.36 ng/ml



#7 delta-BHC

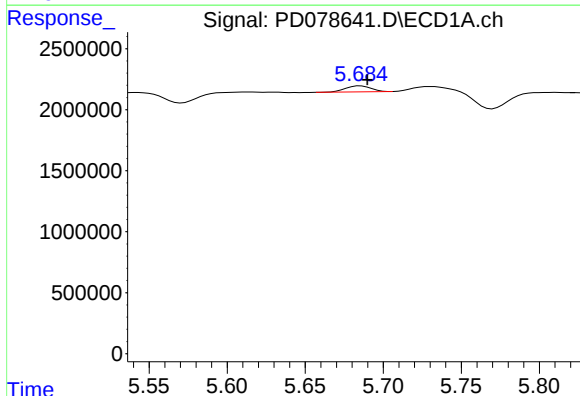
R.T.: 4.764 min  
Delta R.T.: -0.011 min  
Response: 5924055  
Conc: 1.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



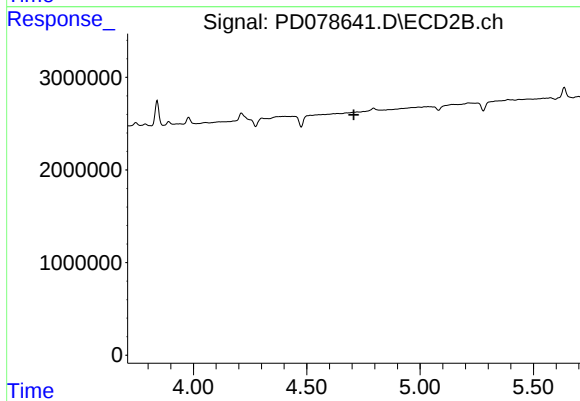
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.114 min  
Response: 0  
Conc: N.D.



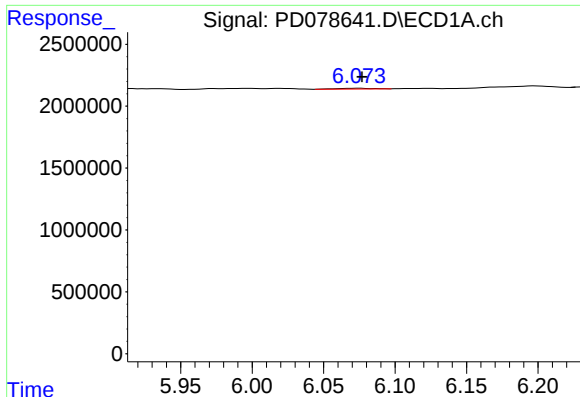
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: -0.004 min  
Response: 563372  
Conc: 0.13 ng/ml



#8 Heptachlor epoxide

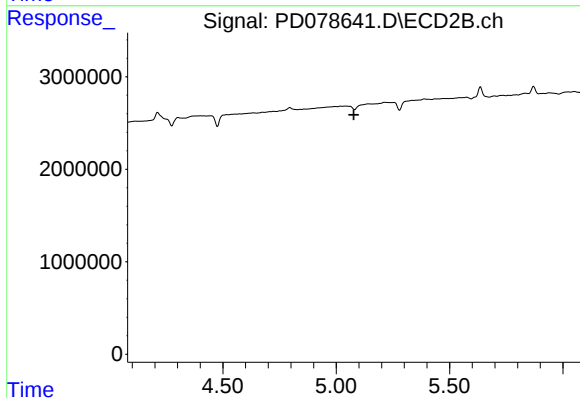
R.T.: 0.000 min  
Exp R.T. : 4.707 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

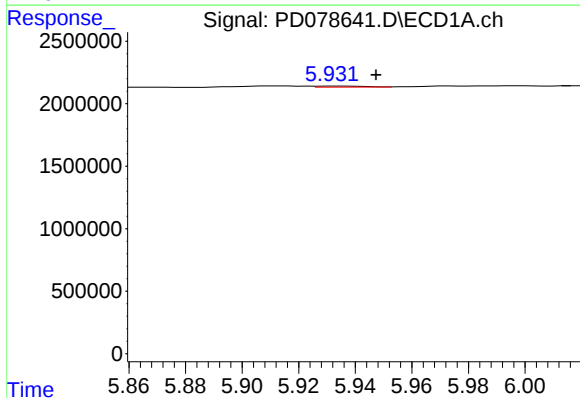
R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 95229  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



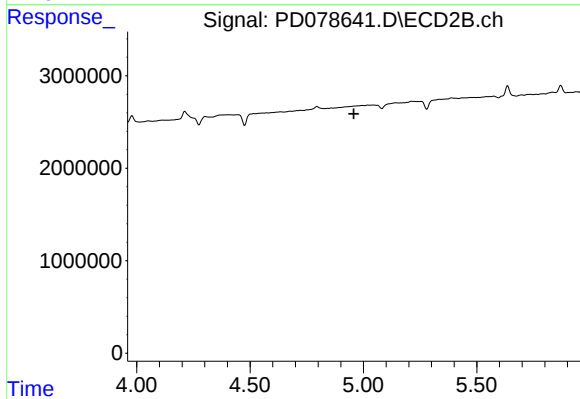
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



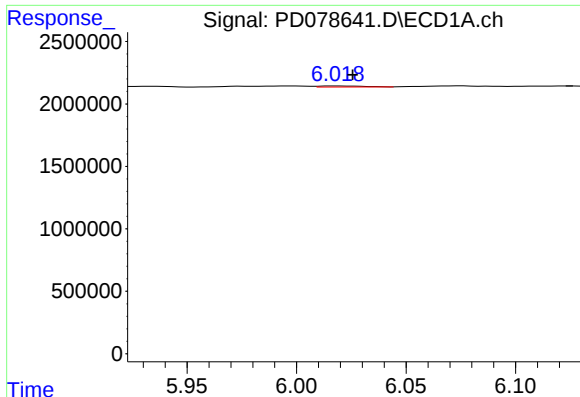
#10 gamma-Chlordane

R.T.: 5.933 min  
Delta R.T.: -0.014 min  
Response: 103733  
Conc: 0.02 ng/ml



#10 gamma-Chlordane

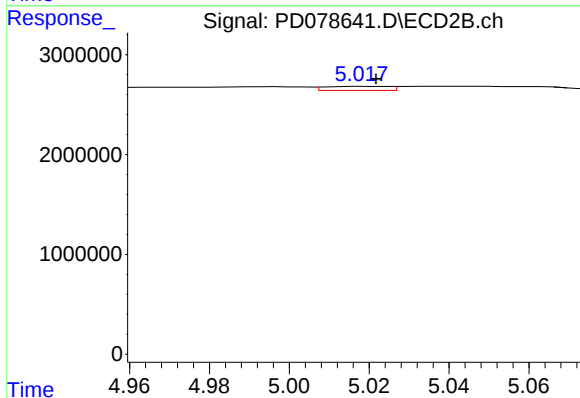
R.T.: 0.000 min  
Exp R.T. : 4.958 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

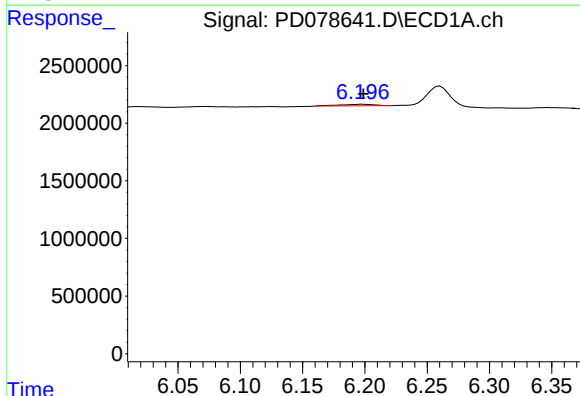
R.T.: 6.019 min  
Delta R.T.: -0.006 min  
Response: 105197  
Conc: 0.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



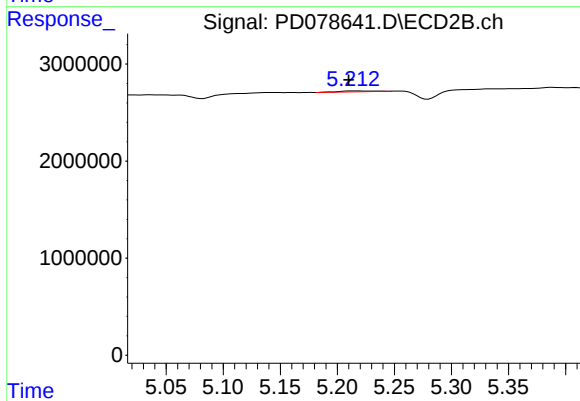
#11 alpha-Chlordane

R.T.: 5.019 min  
Delta R.T.: -0.002 min  
Response: 457717  
Conc: 0.17 ng/ml



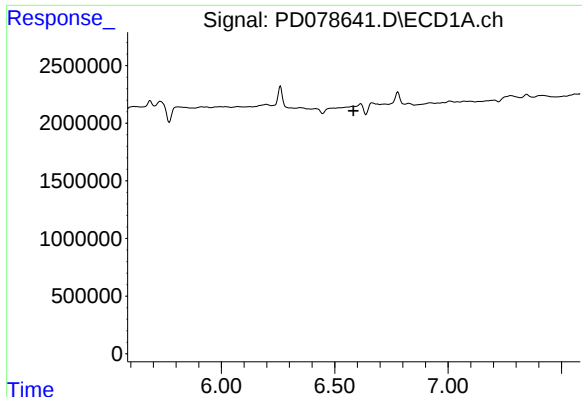
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: -0.001 min  
Response: 258448  
Conc: 0.06 ng/ml



#12 4,4'-DDE

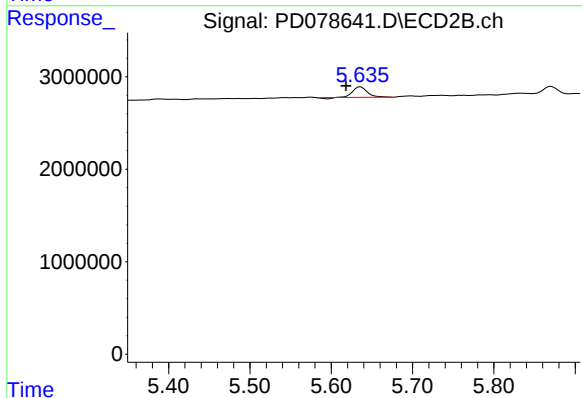
R.T.: 5.213 min  
Delta R.T.: 0.003 min  
Response: 188910  
Conc: 0.07 ng/ml



#14 Endrin

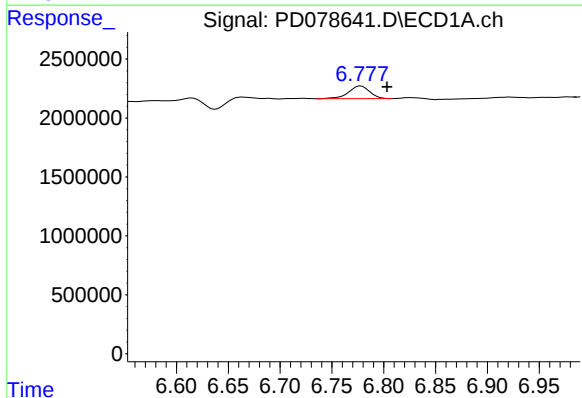
R.T.: 0.000 min  
Exp R.T.: 6.583 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



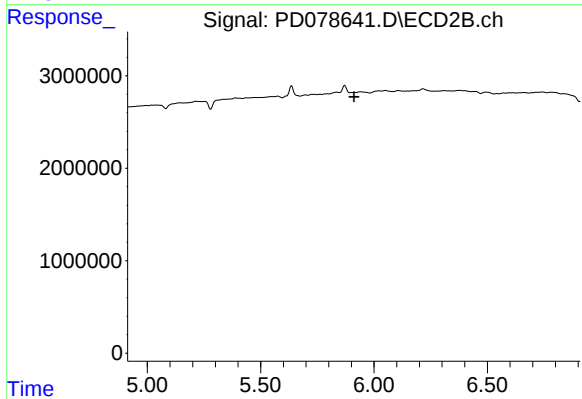
#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.018 min  
Response: 1366608  
Conc: 0.55 ng/ml



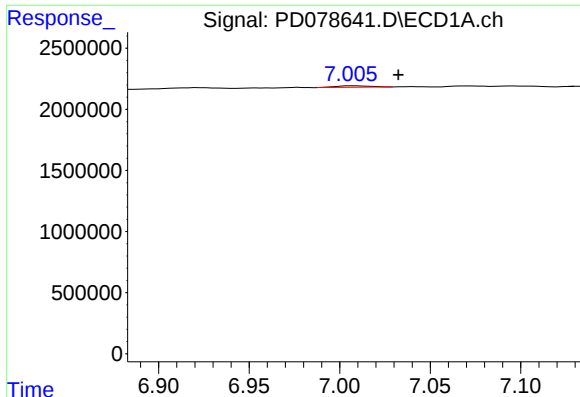
#15 Endosulfan II

R.T.: 6.778 min  
Delta R.T.: -0.025 min  
Response: 1500977  
Conc: 0.42 ng/ml



#15 Endosulfan II

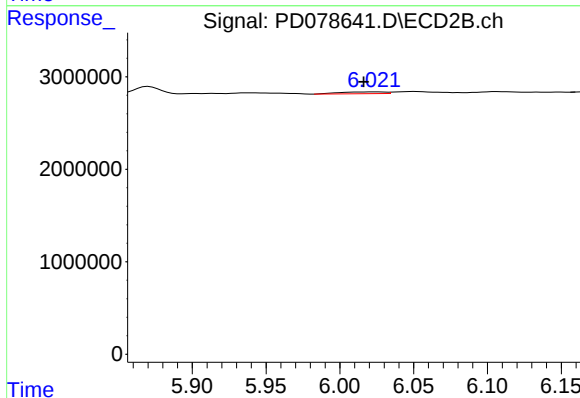
R.T.: 0.000 min  
Exp R.T.: 5.912 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

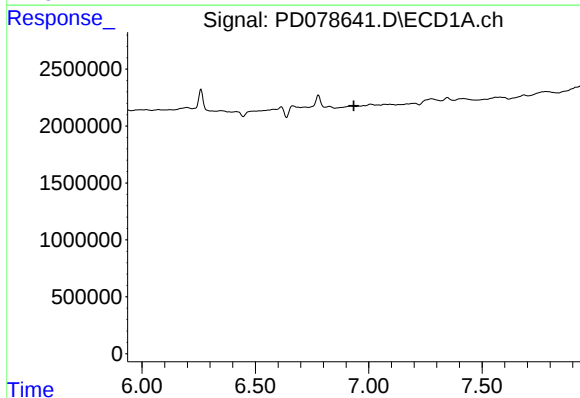
R.T.: 7.007 min  
Delta R.T.: -0.025 min  
Response: 164713  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



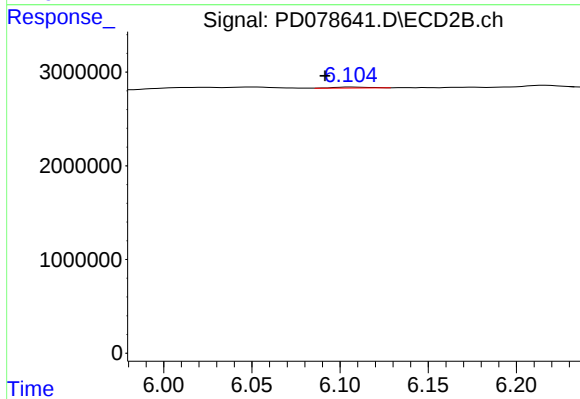
#17 4,4'-DDT

R.T.: 6.023 min  
Delta R.T.: 0.007 min  
Response: 426234  
Conc: 0.21 ng/ml



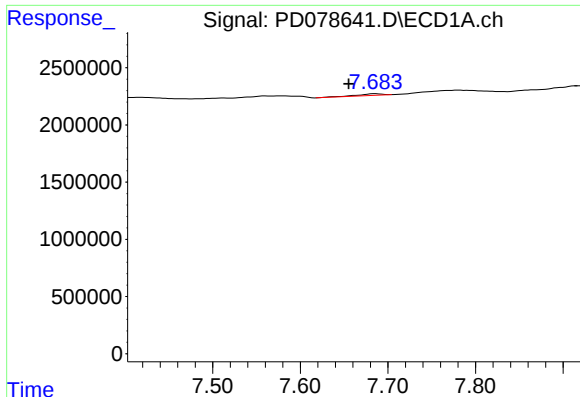
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.934 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

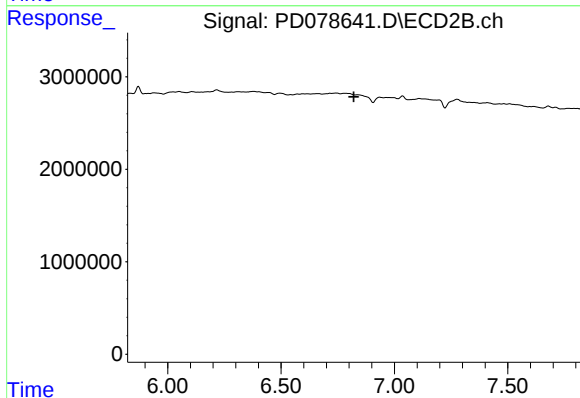
R.T.: 6.106 min  
Delta R.T.: 0.015 min  
Response: 138060  
Conc: 0.07 ng/ml



#21 Endrin ketone

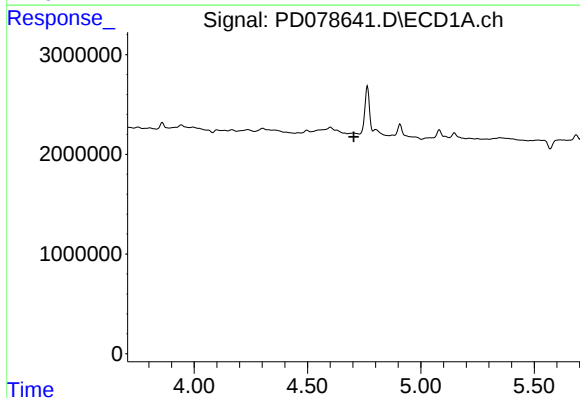
R.T.: 7.685 min  
Delta R.T.: 0.030 min  
Response: 289999  
Conc: 0.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



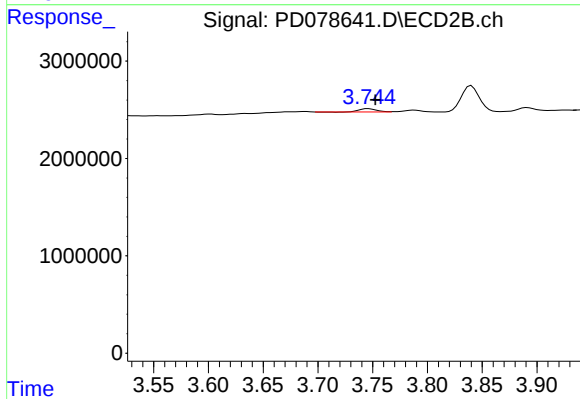
#21 Endrin ketone

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



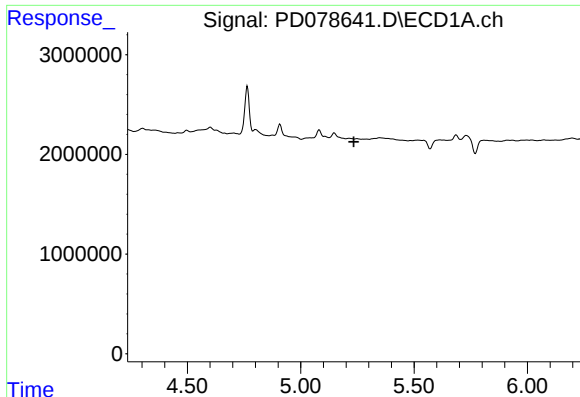
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.704 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

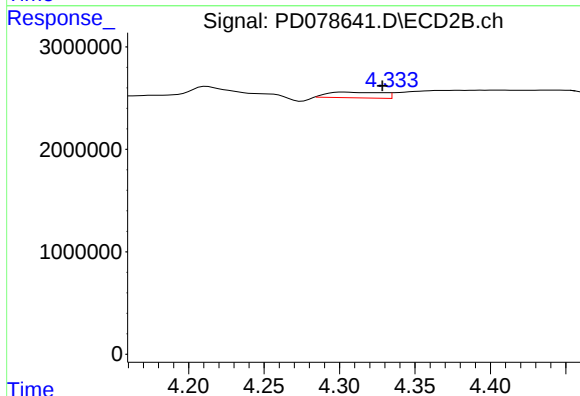
R.T.: 3.746 min  
Delta R.T.: -0.007 min  
Response: 368980  
Conc: 5.07 ng/ml



#24 Chlordane-2

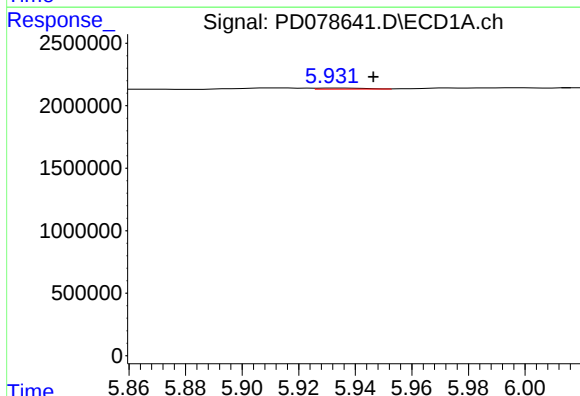
R.T.: 0.000 min  
Exp R.T.: 5.235 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



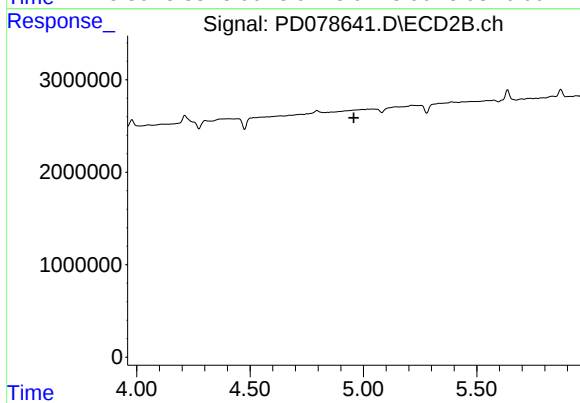
#24 Chlordane-2

R.T.: 4.303 min  
Delta R.T.: -0.026 min  
Response: 1415401  
Conc: 18.28 ng/ml



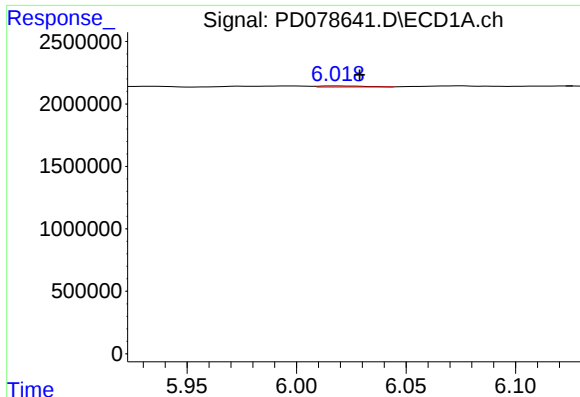
#25 Chlordane-3

R.T.: 5.933 min  
Delta R.T.: -0.013 min  
Response: 103733  
Conc: 0.18 ng/ml



#25 Chlordane-3

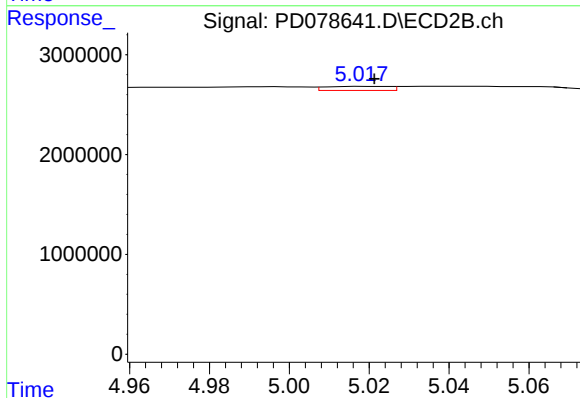
R.T.: 0.000 min  
Exp R.T.: 4.958 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

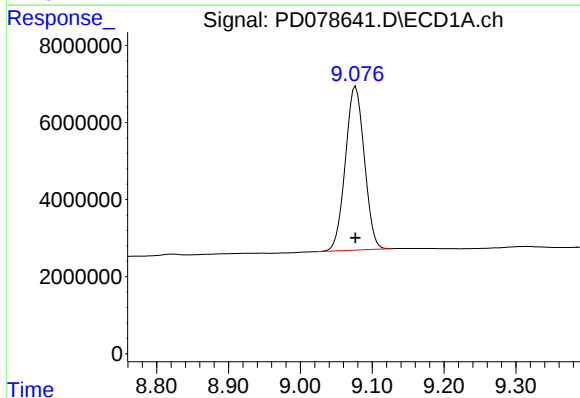
R.T.: 6.019 min  
Delta R.T.: -0.010 min  
Response: 105197  
Conc: 0.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



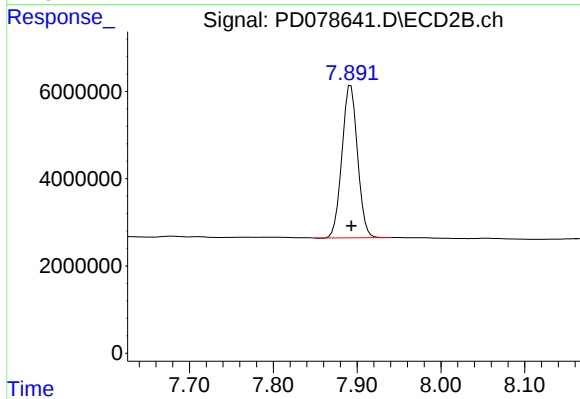
#26 Chlordane-4

R.T.: 5.019 min  
Delta R.T.: -0.002 min  
Response: 457717  
Conc: 1.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: 0.000 min  
Response: 77667474  
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.893 min  
Delta R.T.: 0.000 min  
Response: 45167994  
Conc: 19.91 ng/ml