

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020724\  
 Data File : PD081161.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Feb 2024 11:52  
 Operator : AR\AJ  
 Sample : P1368-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MR-306P-GW-20240201-0

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 07 21:01:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 25 11:14:56 2024  
 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... | 3.565  | 2.794  | 26050572 | 44535279 | 18.351 | 18.617   |
| 28)                         | SA Decachlor... | 9.110  | 7.931  | 23306264 | 30093945 | 11.581 | 11.298   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 4.019  | 3.284  | 342065   | 175510   | 0.138  | 0.046 #  |
| 3)                          | MA gamma-BHC... | 0.000  | 3.632  | 0        | 15079042 | N.D.   | 4.033 #  |
| 4)                          | MA Heptachlor   | 4.933  | 0.000  | 985147   | 0        | 0.399  | N.D. #   |
| 5)                          | MB Aldrin       | 5.281  | 4.270f | 221857   | 2402039  | 0.090  | 0.660 #  |
| 7)                          | B delta-BHC     | 4.792  | 0.000  | 4868456  | 0        | 1.941  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.710  | 0.000  | 1006707  | 0        | 0.450  | N.D. #   |
| 9)                          | A Endosulfan I  | 6.105  | 5.143f | 653823   | 1039101  | 0.315  | 0.339    |
| 10)                         | B gamma-Chl...  | 5.959f | 5.009  | 1891998  | 1255499  | 0.864  | 0.384 #  |
| 11)                         | B alpha-Chl...  | 6.063  | 5.069  | 310814   | 5557818  | 0.143  | 1.700 #  |
| 12)                         | B 4,4'-DDE      | 6.212  | 0.000  | 323564   | 0        | 0.159  | N.D. #   |
| 13)                         | MA Dieldrin     | 6.389  | 5.387  | 251613   | 1352409  | 0.114  | 0.398 #  |
| 14)                         | MA Endrin       | 6.635f | 0.000  | 438739   | 0        | 0.235  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.852f | 5.979f | 2541963  | 3553693  | 1.313  | 1.236    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.050  | 0        | 39169    | N.D.   | 0.015 #  |
| 18)                         | B Endrin al...  | 6.937f | 6.145  | 214689   | 208195   | 0.141  | 0.092 #  |
| 19)                         | B Endosulfa...  | 7.218f | 6.379f | -164788  | 327425   | N.D.   | 0.117    |
| 20)                         | A Methoxychlor  | 7.559f | 0.000  | 131535   | 0        | 0.128  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.701f | 0.000  | 85384    | 0        | 0.041  | N.D. #   |
| 22)                         | Mirex           | 8.155  | 0.000  | 9577     | 0        | 0.006  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.802  | 0        | 1392802  | N.D.   | 13.696 # |
| 24)                         | Chlordane-2     | 5.281f | 4.381  | 221857   | 486147   | 2.680  | 3.966 #  |
| 25)                         | Chlordane-3     | 5.959f | 5.009  | 1891998  | 1255499  | 5.991  | 3.741 #  |
| 26)                         | Chlordane-4     | 6.063  | 5.069  | 310814   | 5557818  | 0.816  | 17.494 # |
| 27)                         | Chlordane-5     | 6.937f | 5.979f | 214689   | 3553693  | 3.075  | 29.311 # |
| -----                       |                 |        |        |          |          |        |          |

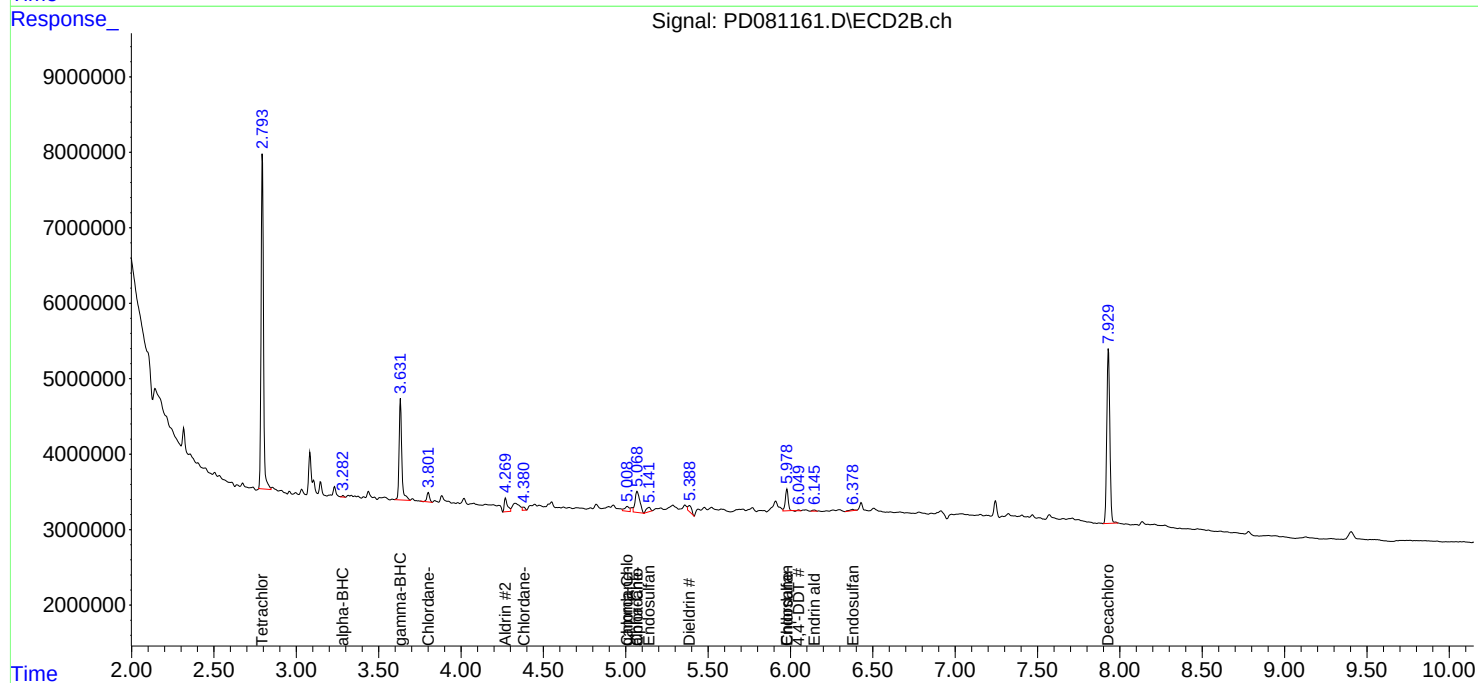
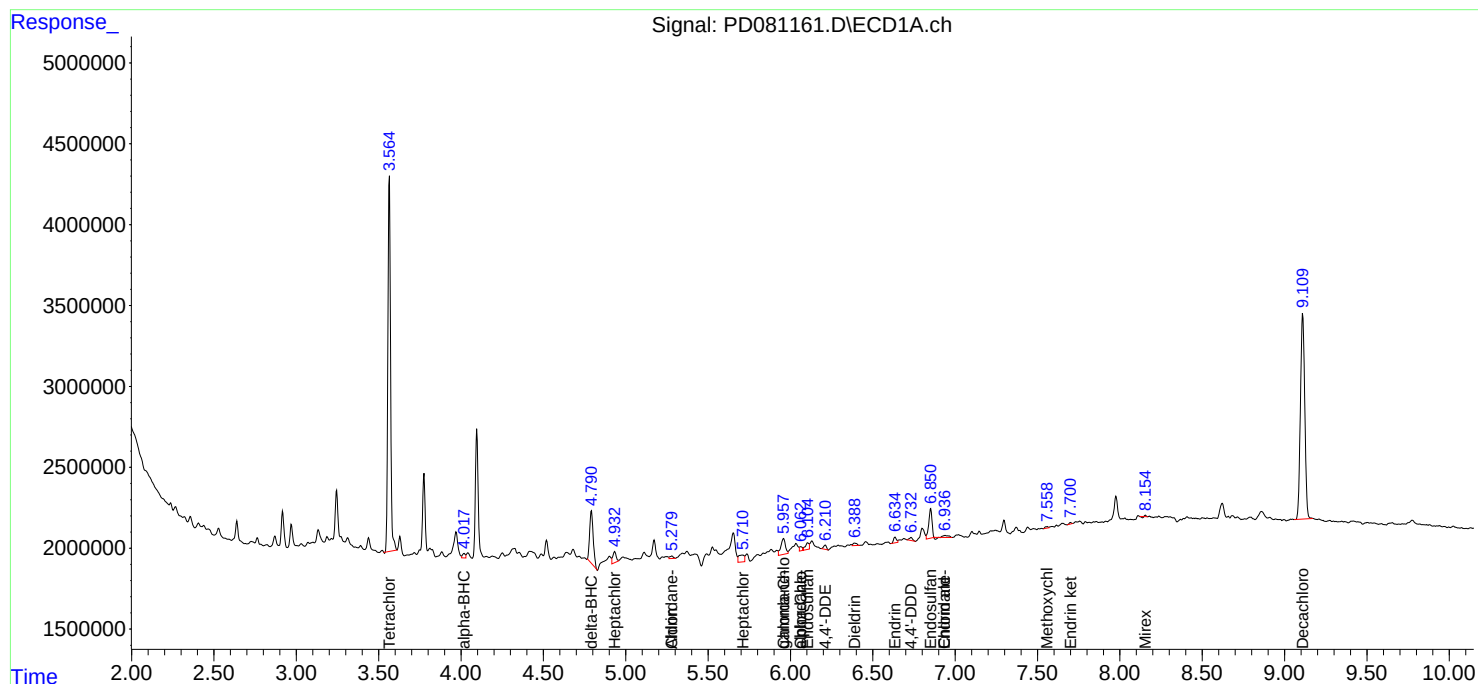
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

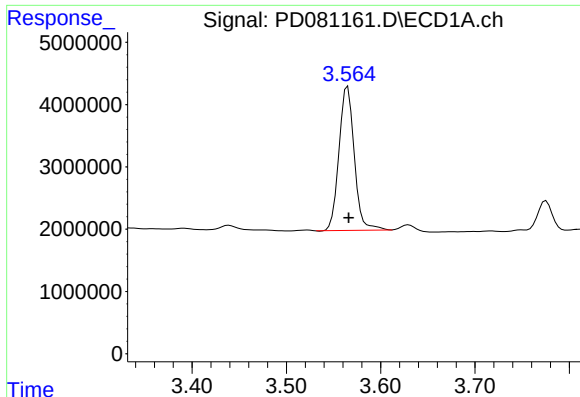
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD020724\  
Data File : PD081161.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Feb 2024 11:52  
Operator : AR\AJ  
Sample : P1368-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 07 21:01:05 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD012424.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 25 11:14:56 2024  
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

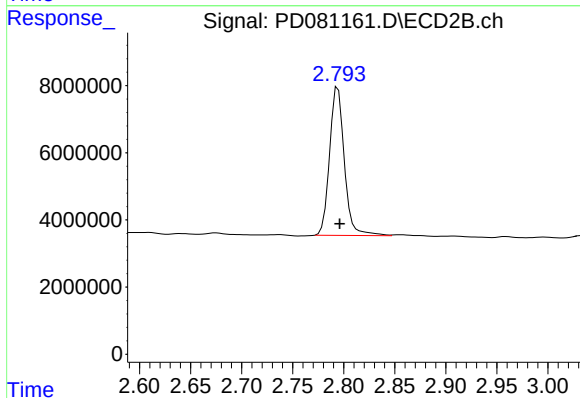




#1 Tetrachloro-m-xylene

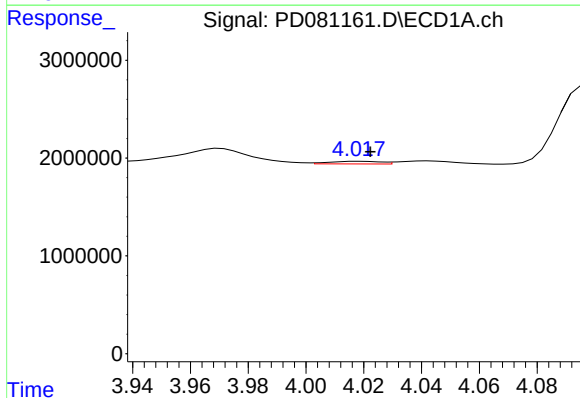
R.T.: 3.565 min  
Delta R.T.: 0.000 min  
Response: 26050572  
Conc: 18.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



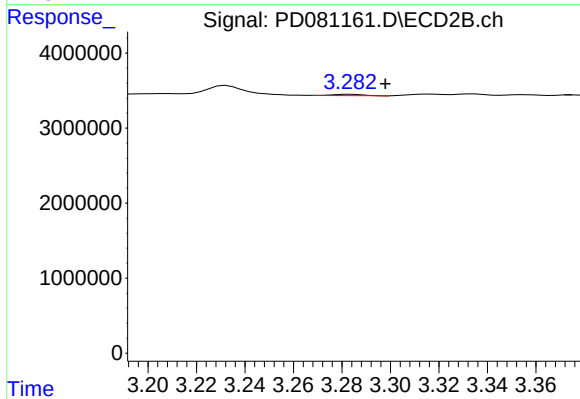
#1 Tetrachloro-m-xylene

R.T.: 2.794 min  
Delta R.T.: -0.002 min  
Response: 44535279  
Conc: 18.62 ng/ml



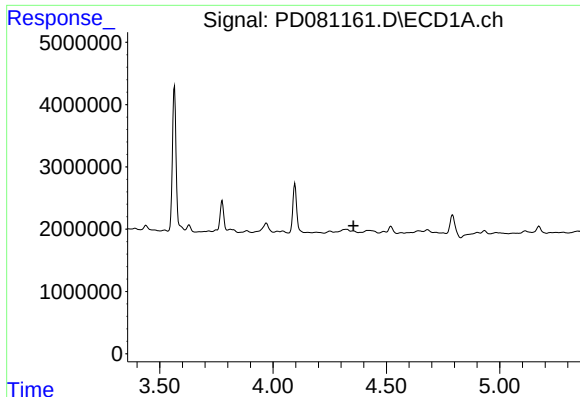
#2 alpha-BHC

R.T.: 4.019 min  
Delta R.T.: -0.003 min  
Response: 342065  
Conc: 0.14 ng/ml



#2 alpha-BHC

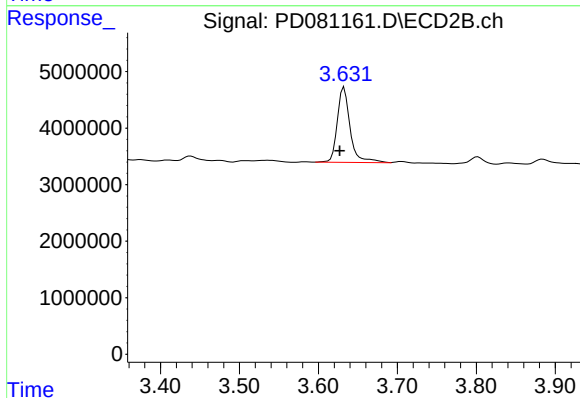
R.T.: 3.284 min  
Delta R.T.: -0.014 min  
Response: 175510  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

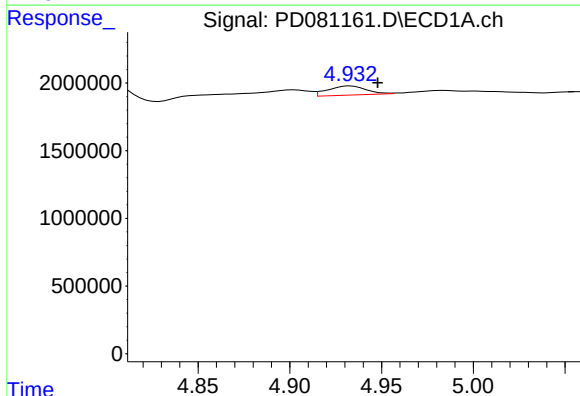
R.T.: 0.000 min  
Exp R.T.: 4.355 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



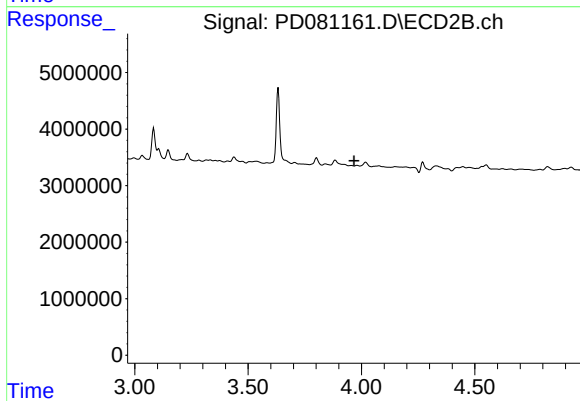
#3 gamma-BHC (Lindane)

R.T.: 3.632 min  
Delta R.T.: 0.005 min  
Response: 15079042  
Conc: 4.03 ng/ml



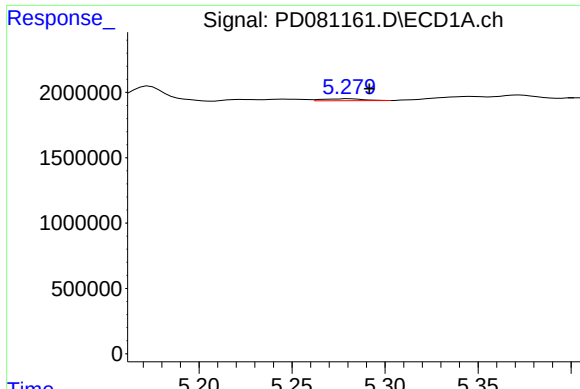
#4 Heptachlor

R.T.: 4.933 min  
Delta R.T.: -0.015 min  
Response: 985147  
Conc: 0.40 ng/ml



#4 Heptachlor

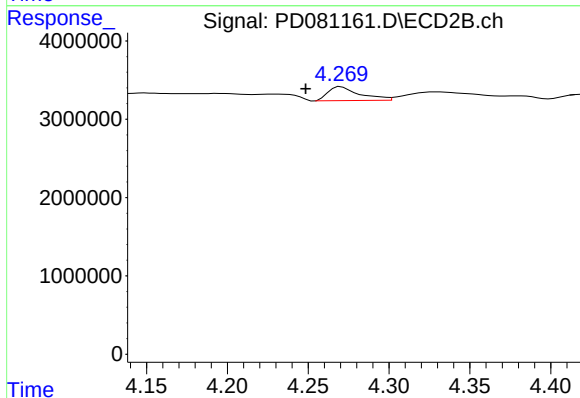
R.T.: 0.000 min  
Exp R.T.: 3.968 min  
Response: 0  
Conc: N.D.



#5 Aldrin

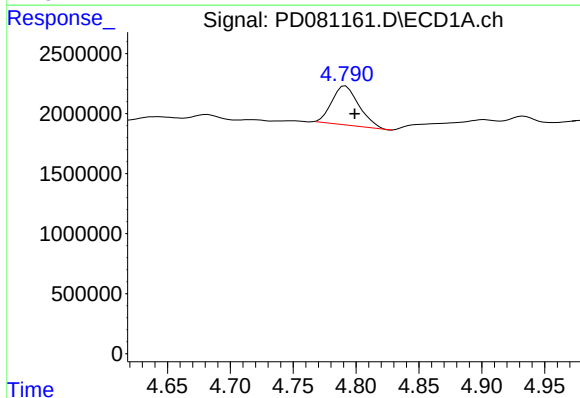
R.T.: 5.281 min  
Delta R.T.: -0.011 min  
Response: 221857  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



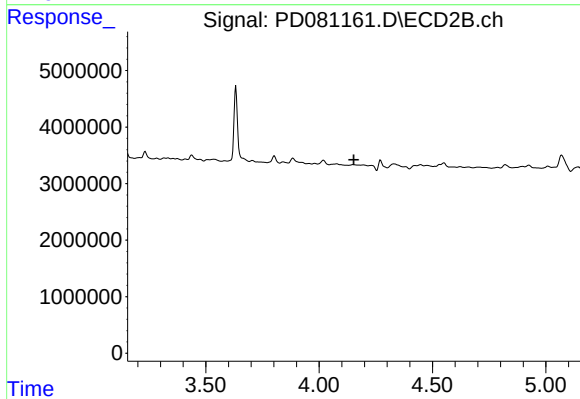
#5 Aldrin

R.T.: 4.270 min  
Delta R.T.: 0.022 min  
Response: 2402039  
Conc: 0.66 ng/ml



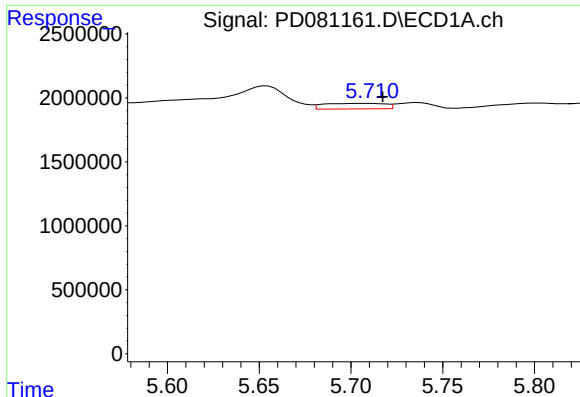
#7 delta-BHC

R.T.: 4.792 min  
Delta R.T.: -0.007 min  
Response: 4868456  
Conc: 1.94 ng/ml



#7 delta-BHC

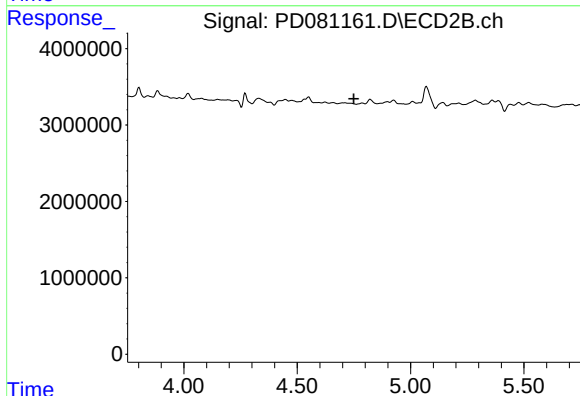
R.T.: 0.000 min  
Exp R.T. : 4.153 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

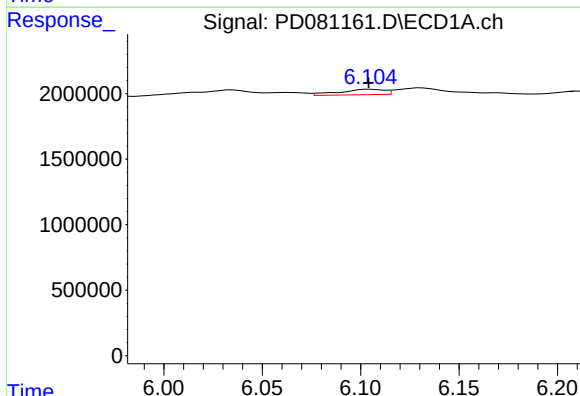
R.T.: 5.710 min  
Delta R.T.: -0.007 min  
Response: 1006707  
Conc: 0.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



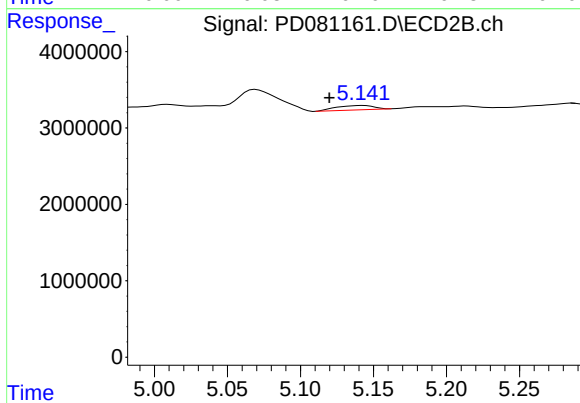
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.750 min  
Response: 0  
Conc: N.D.



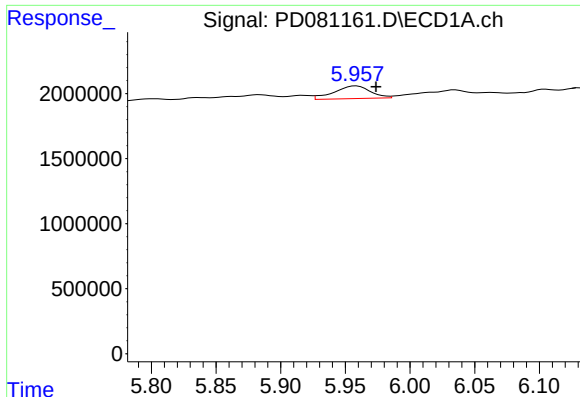
#9 Endosulfan I

R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 653823  
Conc: 0.32 ng/ml



#9 Endosulfan I

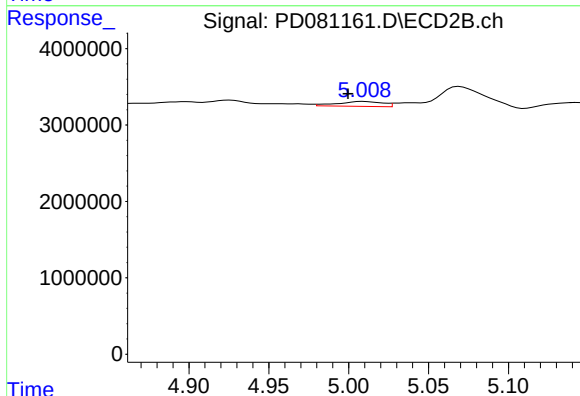
R.T.: 5.143 min  
Delta R.T.: 0.023 min  
Response: 1039101  
Conc: 0.34 ng/ml



#10 gamma-Chlordane

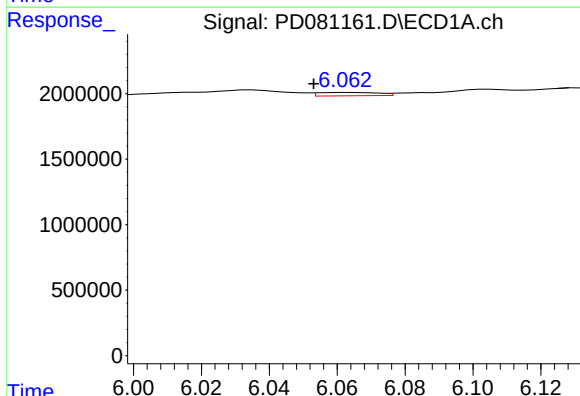
R.T.: 5.959 min  
Delta R.T.: -0.015 min  
Response: 1891998  
Conc: 0.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



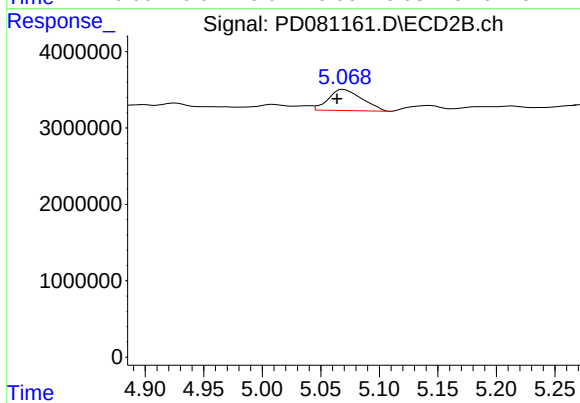
#10 gamma-Chlordane

R.T.: 5.009 min  
Delta R.T.: 0.010 min  
Response: 1255499  
Conc: 0.38 ng/ml



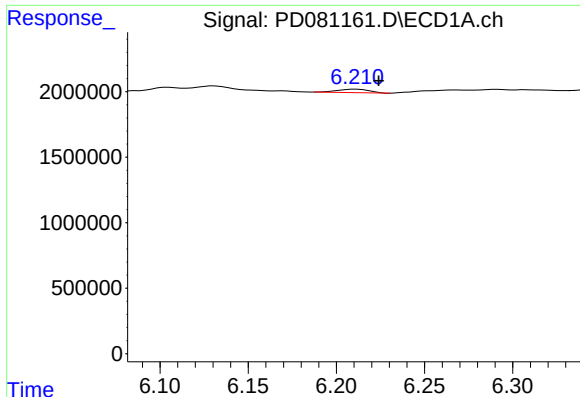
#11 alpha-Chlordane

R.T.: 6.063 min  
Delta R.T.: 0.010 min  
Response: 310814  
Conc: 0.14 ng/ml



#11 alpha-Chlordane

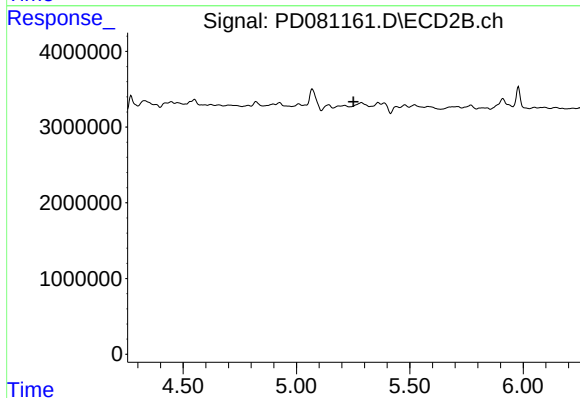
R.T.: 5.069 min  
Delta R.T.: 0.006 min  
Response: 5557818  
Conc: 1.70 ng/ml



#12 4,4'-DDE

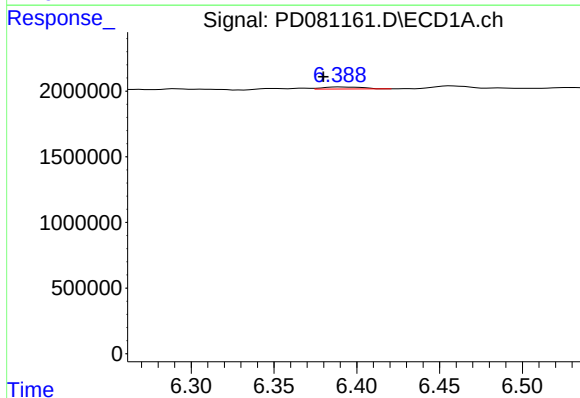
R.T.: 6.212 min  
Delta R.T.: -0.013 min  
Response: 323564  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



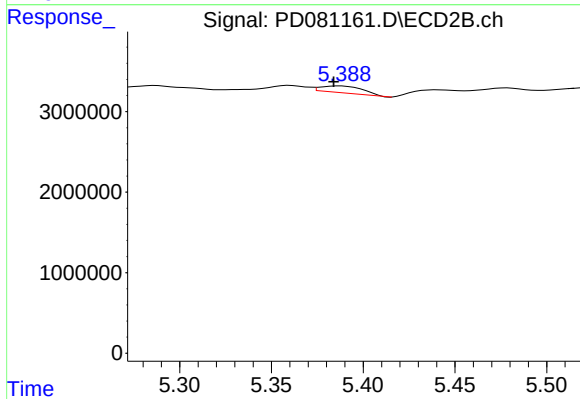
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.252 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

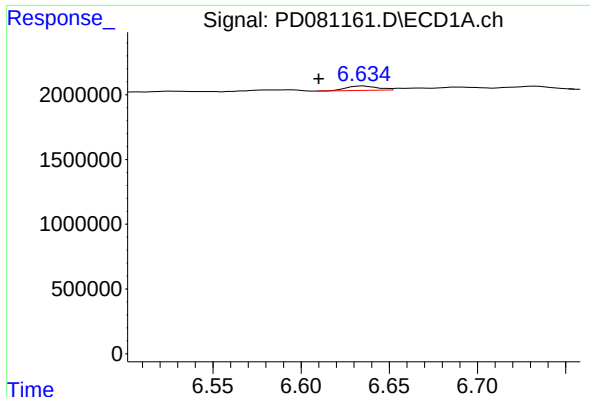
R.T.: 6.389 min  
Delta R.T.: 0.010 min  
Response: 251613  
Conc: 0.11 ng/ml



#13 Dieldrin

R.T.: 5.387 min  
Delta R.T.: 0.003 min  
Response: 1352409  
Conc: 0.40 ng/ml

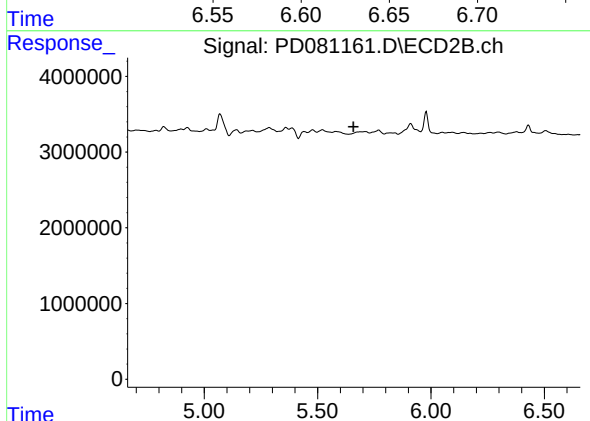




#14 Endrin

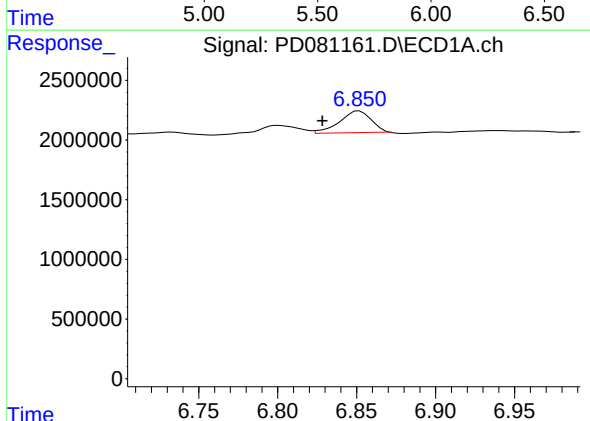
R.T.: 6.635 min  
Delta R.T.: 0.025 min  
Response: 438739  
Conc: 0.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



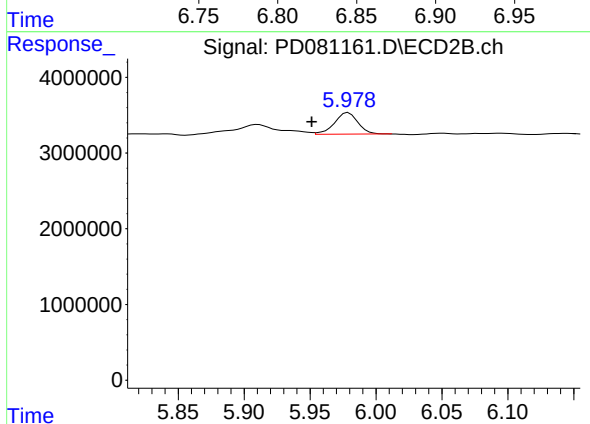
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 5.659 min  
Response: 0  
Conc: N.D.



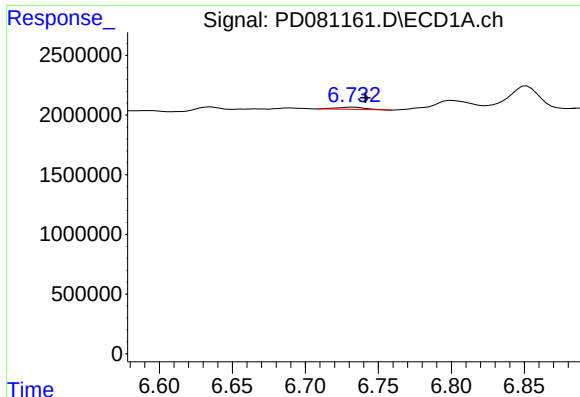
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.023 min  
Response: 2541963  
Conc: 1.31 ng/ml



#15 Endosulfan II

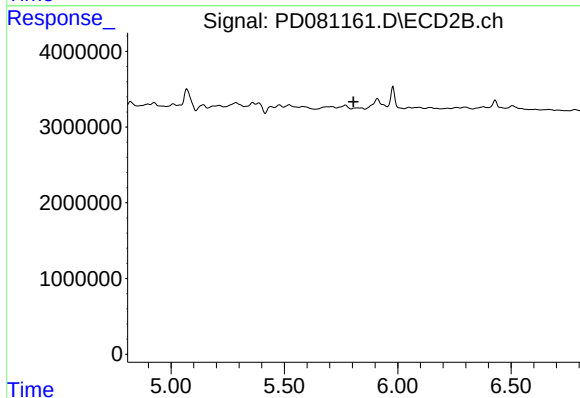
R.T.: 5.979 min  
Delta R.T.: 0.028 min  
Response: 3553693  
Conc: 1.24 ng/ml



#16 4,4'-DDD

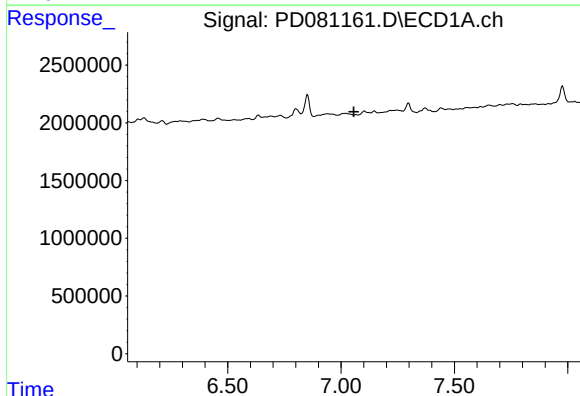
R.T.: 6.733 min  
Delta R.T.: -0.008 min  
Response: 267092  
Conc: 0.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



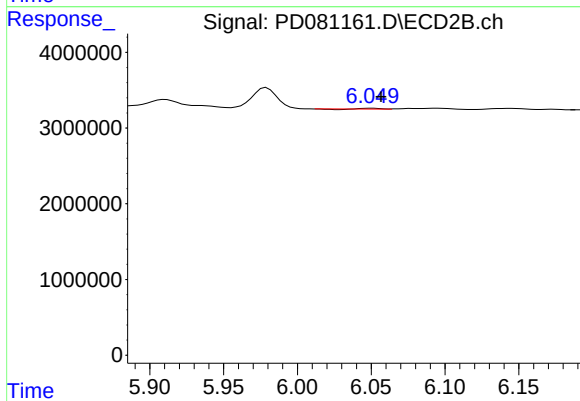
#16 4,4'-DDD

R.T.: 5.820 min  
Delta R.T.: 0.014 min  
Response: -463105  
Conc: N.D.



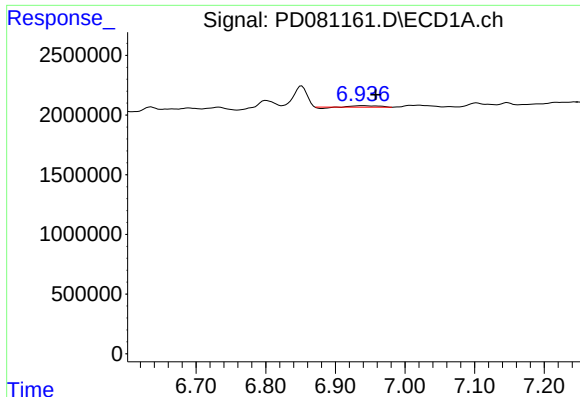
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.057 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

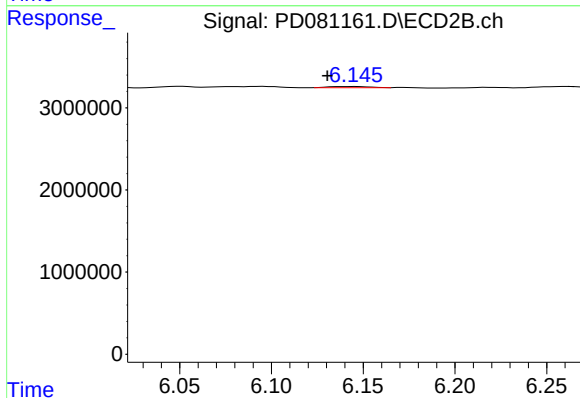
R.T.: 6.050 min  
Delta R.T.: -0.006 min  
Response: 39169  
Conc: 0.01 ng/ml



#18 Endrin aldehyde

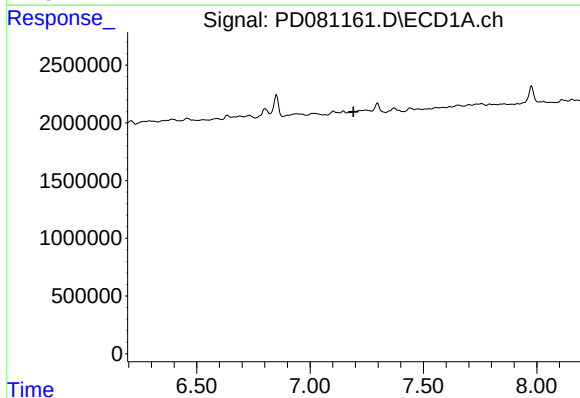
R.T.: 6.937 min  
Delta R.T.: -0.021 min  
Response: 214689  
Conc: 0.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



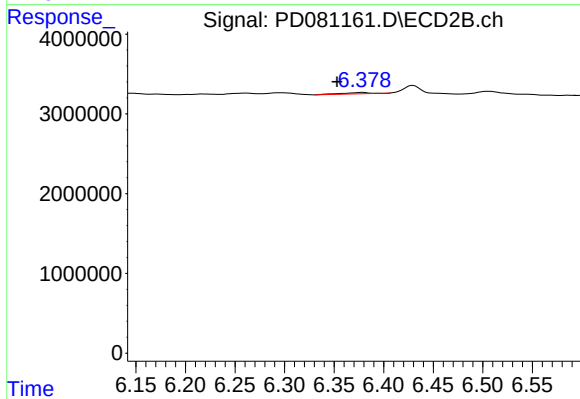
#18 Endrin aldehyde

R.T.: 6.145 min  
Delta R.T.: 0.015 min  
Response: 208195  
Conc: 0.09 ng/ml



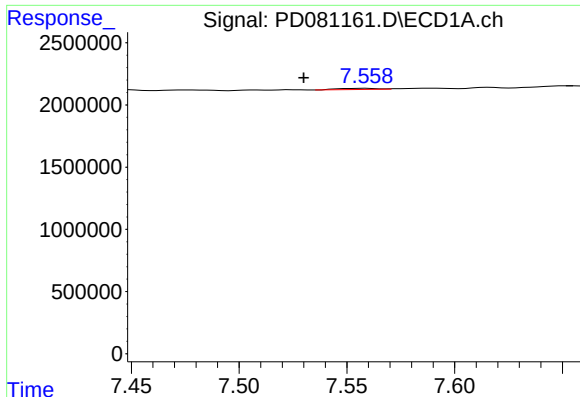
#19 Endosulfan Sulfate

R.T.: 7.218 min  
Delta R.T.: 0.026 min  
Response: -164788  
Conc: N.D.



#19 Endosulfan Sulfate

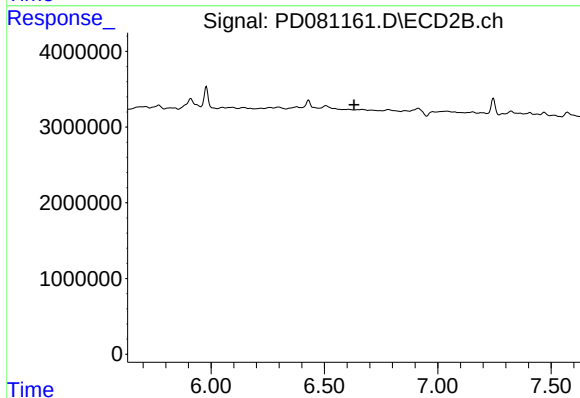
R.T.: 6.379 min  
Delta R.T.: 0.026 min  
Response: 327425  
Conc: 0.12 ng/ml



#20 Methoxychlor

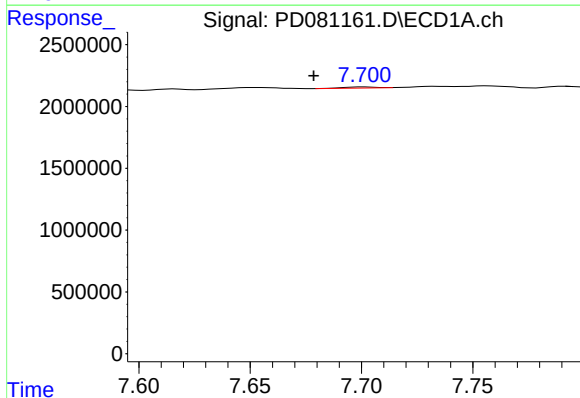
R.T.: 7.559 min  
Delta R.T.: 0.029 min  
Response: 131535  
Conc: 0.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



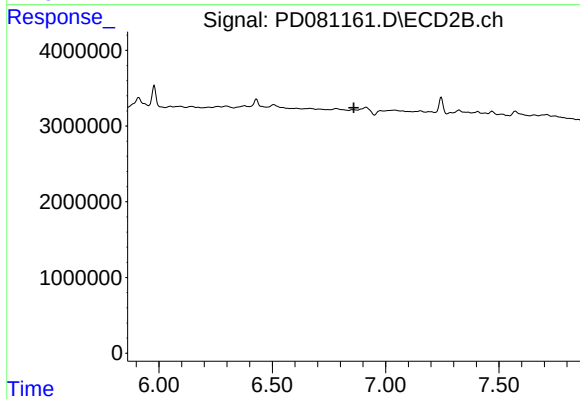
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 6.631 min  
Response: 0  
Conc: N.D.



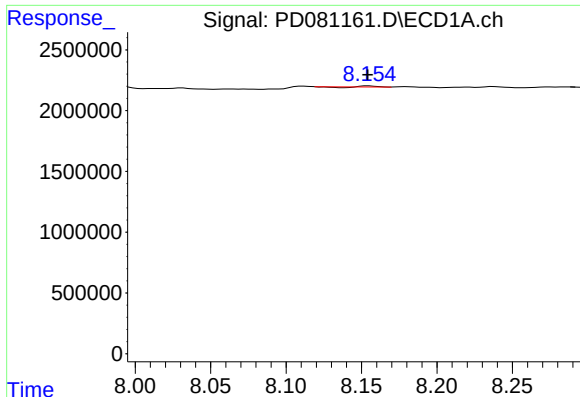
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: 0.023 min  
Response: 85384  
Conc: 0.04 ng/ml



#21 Endrin ketone

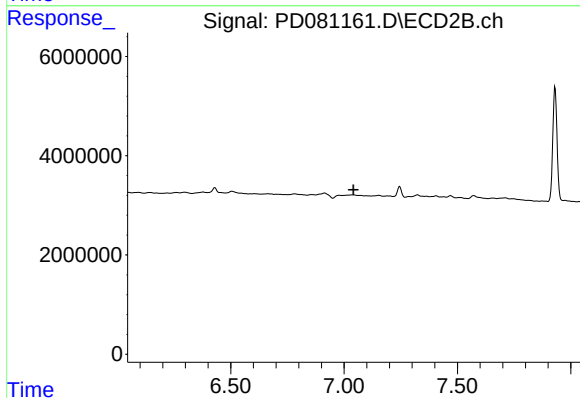
R.T.: 0.000 min  
Exp R.T. : 6.859 min  
Response: 0  
Conc: N.D.



#22 Mirex

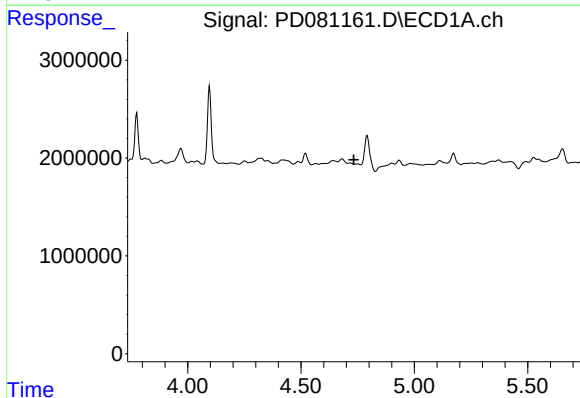
R.T.: 8.155 min  
Delta R.T.: 0.000 min  
Response: 9577  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



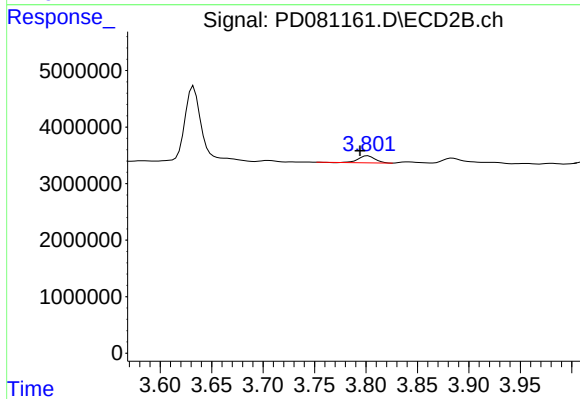
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.042 min  
Response: 0  
Conc: N.D.



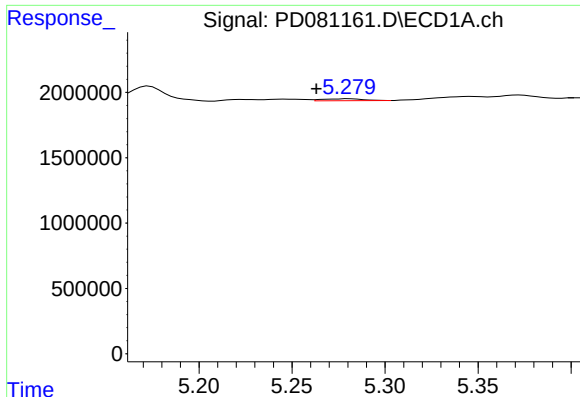
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.733 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

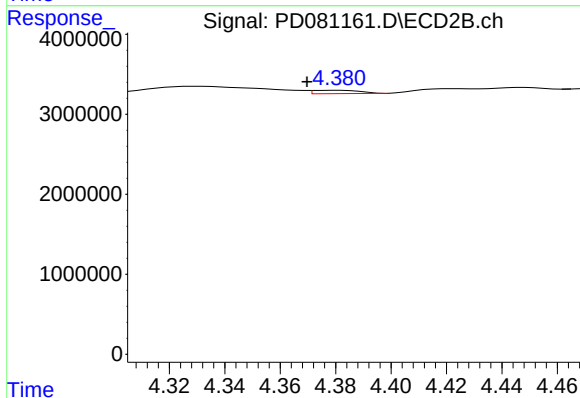
R.T.: 3.802 min  
Delta R.T.: 0.008 min  
Response: 1392802  
Conc: 13.70 ng/ml



#24 Chlordane-2

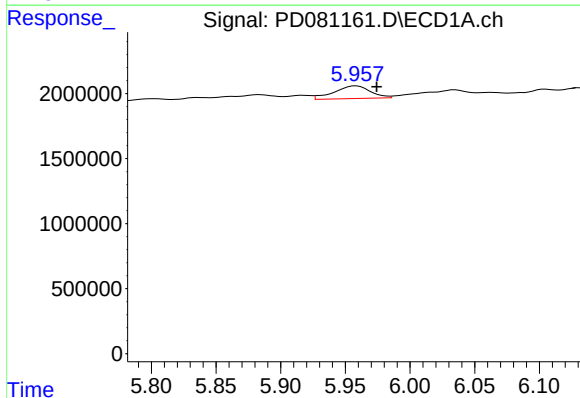
R.T.: 5.281 min  
Delta R.T.: 0.018 min  
Response: 221857  
Conc: 2.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



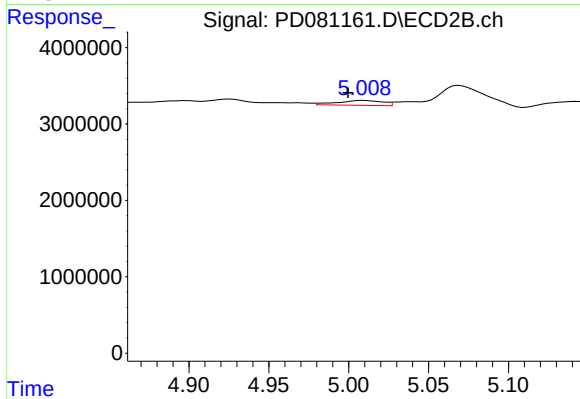
#24 Chlordane-2

R.T.: 4.381 min  
Delta R.T.: 0.011 min  
Response: 486147  
Conc: 3.97 ng/ml



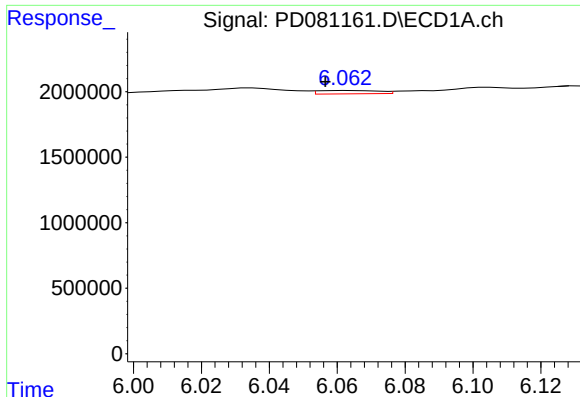
#25 Chlordane-3

R.T.: 5.959 min  
Delta R.T.: -0.016 min  
Response: 1891998  
Conc: 5.99 ng/ml



#25 Chlordane-3

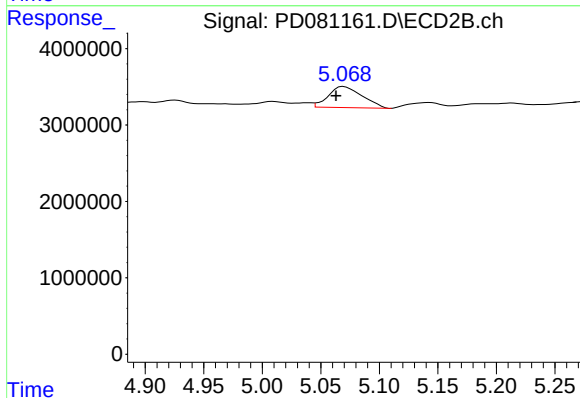
R.T.: 5.009 min  
Delta R.T.: 0.010 min  
Response: 1255499  
Conc: 3.74 ng/ml



#26 Chlordane-4

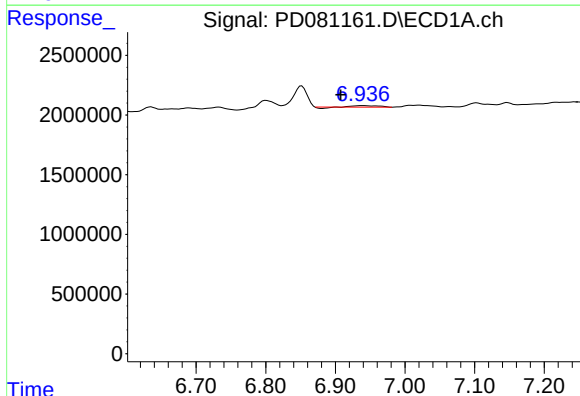
R.T.: 6.063 min  
Delta R.T.: 0.006 min  
Response: 310814  
Conc: 0.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



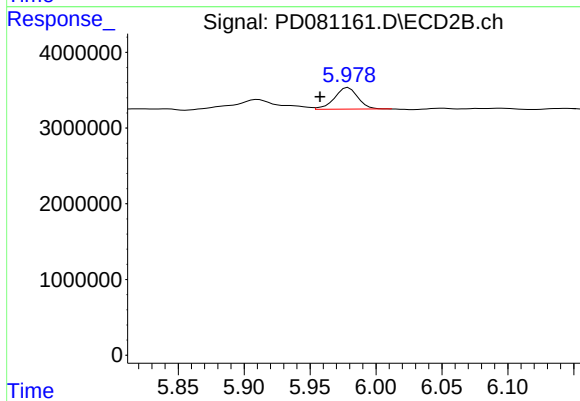
#26 Chlordane-4

R.T.: 5.069 min  
Delta R.T.: 0.006 min  
Response: 5557818  
Conc: 17.49 ng/ml



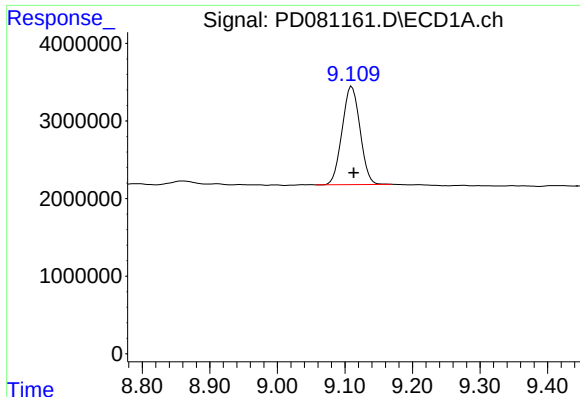
#27 Chlordane-5

R.T.: 6.937 min  
Delta R.T.: 0.029 min  
Response: 214689  
Conc: 3.08 ng/ml



#27 Chlordane-5

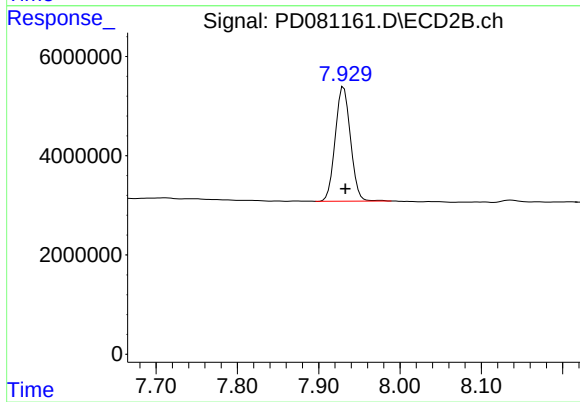
R.T.: 5.979 min  
Delta R.T.: 0.022 min  
Response: 3553693  
Conc: 29.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min  
Delta R.T.: -0.003 min  
Response: 23306264  
Conc: 11.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
MR-306P-GW-20240201-0



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: -0.002 min  
Response: 30093945  
Conc: 11.30 ng/ml