

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091222\  
 Data File : PD071828.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Sep 2022 14:40  
 Operator : AR\AJ  
 Sample : N4509-06  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 S1-SO\_PW001-20220902

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 04:35:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Sep 10 22:11:50 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|----------|
| -----                       |                 |        |        |          |          |        |          |
| System Monitoring Compounds |                 |        |        |          |          |        |          |
| 1)                          | SA Tetrachlo... | 2.804  | 3.563  | 33039126 | 433.1E6  | 13.511 | 15.094   |
| 28)                         | SA Decachlor... | 7.994  | 9.089  | 40758309 | 161.7E6  | 16.179 | 17.397   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.301  | 4.031  | 593786   | 1193782  | 0.154  | 0.030 #  |
| 3)                          | MA gamma-BHC... | 3.659  | 4.361  | 333978   | 37165922 | 0.095  | 1.132 #  |
| 4)                          | MA Heptachlor   | 4.007f | 4.940  | 40375471 | 7146991  | 10.799 | 0.296 #  |
| 5)                          | MB Aldrin       | 4.291f | 5.255f | 20509177 | 37501002 | 5.601  | 1.850 #  |
| 6)                          | B beta-BHC      | 0.000  | 4.585f | 0        | 7870252  | N.D.   | 0.595 #  |
| 7)                          | B delta-BHC     | 4.190  | 4.841f | 10660431 | 297.8E6  | 3.025  | 12.740 # |
| 8)                          | B Heptachlo...  | 4.776  | 5.707  | 889305   | 102.6E6  | 0.272  | 6.655 #  |
| 9)                          | A Endosulfan I  | 5.185f | 0.000  | 1316264  | 0        | 0.414  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.035  | 5.970  | 2828870  | 114.8E6  | 0.839  | 7.148 #  |
| 11)                         | B alpha-Chl...  | 5.103  | 6.048  | 19281247 | 127.5E6  | 5.810  | 8.174 #  |
| 12)                         | B 4,4'-DDE      | 5.290  | 6.220  | 9897998  | 115.2E6  | 3.235  | 7.823 #  |
| 13)                         | MA Dieldrin     | 5.423  | 6.368  | 5809122  | 3705539  | 1.737  | 0.244 #  |
| 14)                         | MA Endrin       | 5.708  | 6.604  | 1445745  | 38773760 | 0.488  | 3.070 #  |
| 15)                         | B Endosulfa...  | 5.983  | 0.000  | 6706818  | 0        | 2.435  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 5.847  | 6.746  | 1017480  | 12091492 | 0.401  | 1.017 #  |
| 17)                         | MA 4,4'-DDT     | 6.098  | 7.055  | 6700157  | 17321653 | 2.546  | 1.402 #  |
| 18)                         | B Endrin al...  | 6.195f | 0.000  | 714323   | 0        | 0.323  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.398  | 0.000  | 1259580  | 0        | 0.470  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.655f | 7.525  | 2579790  | 260966   | 1.723  | 0.043 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.693  | 0        | 108939   | N.D.   | 0.009 #  |
| 23)                         | Chlordane-1     | 3.815  | 4.722  | 5456112  | 87679620 | 53.650 | 91.370 # |
| 24)                         | Chlordane-2     | 4.399  | 5.255  | 7339643  | 37501002 | 60.146 | 54.242   |
| 25)                         | Chlordane-3     | 5.035  | 5.970  | 2828870  | 114.8E6  | 8.320  | 52.280 # |
| 26)                         | Chlordane-4     | 5.103  | 6.048  | 19281247 | 127.5E6  | 61.367 | 49.633   |
| 27)                         | Chlordane-5     | 5.983f | 6.909  | 6706818  | -6061565 | 53.757 | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

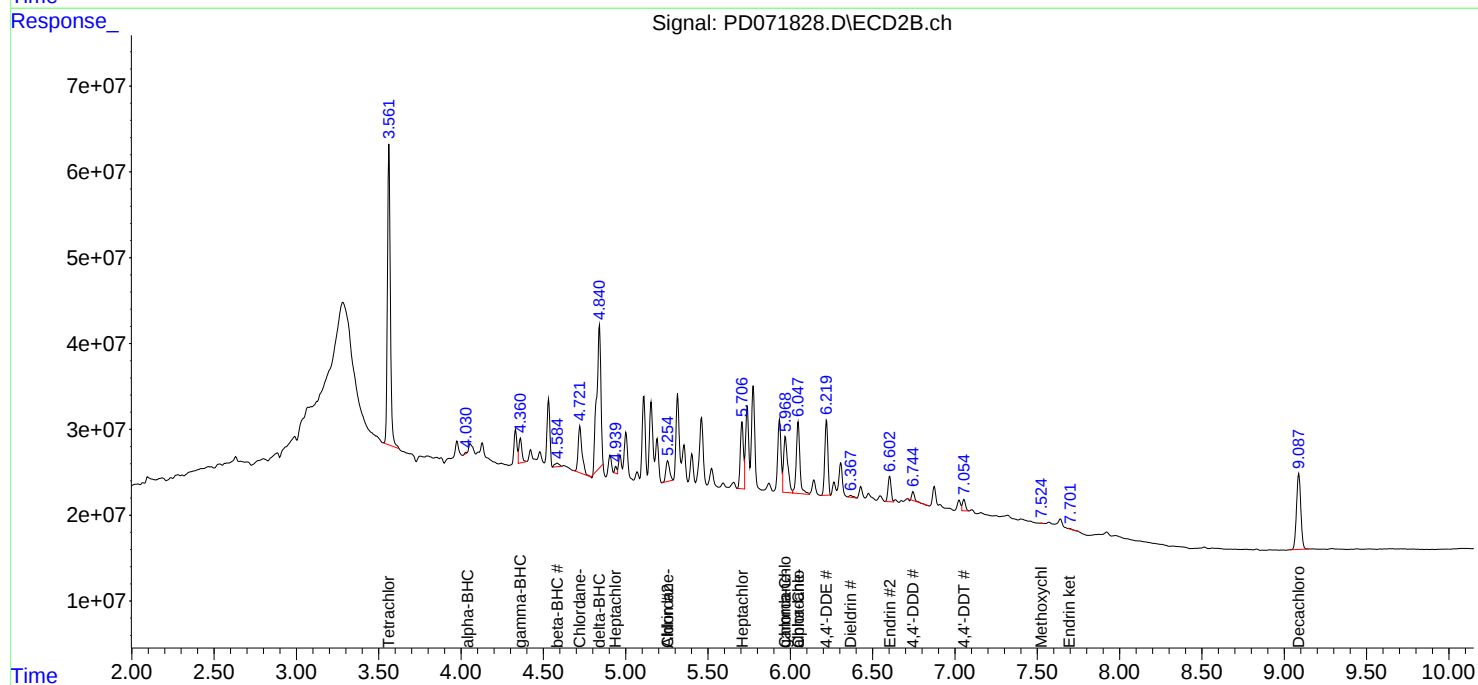
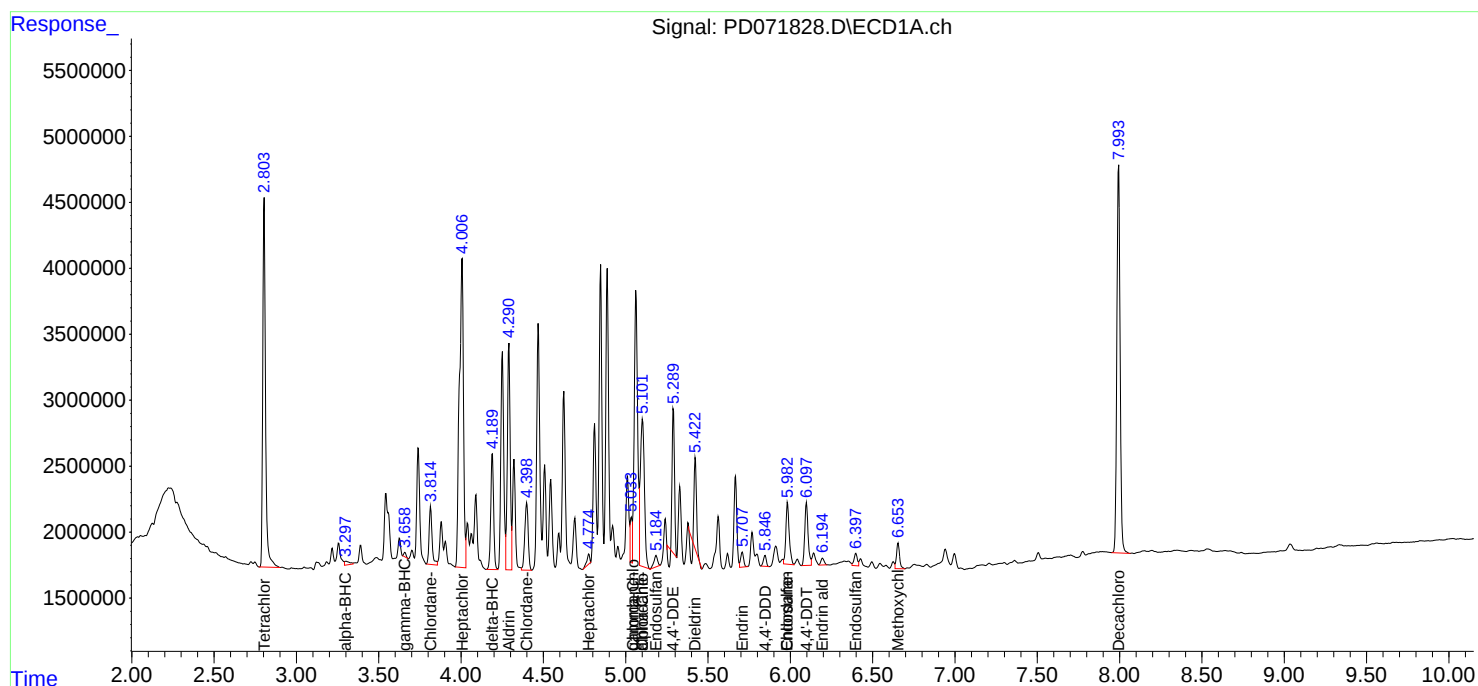
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

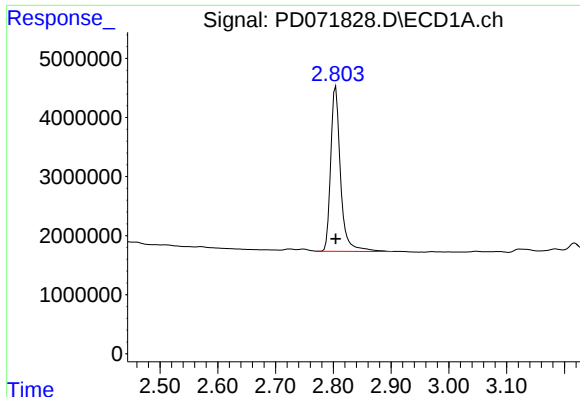
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091222\  
Data File : PD071828.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Sep 2022 14:40  
Operator : AR\AJ  
Sample : N4509-06  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 04:35:54 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091022.M  
Quant Title : GC Extractables  
QLast Update : Sat Sep 10 22:11:50 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

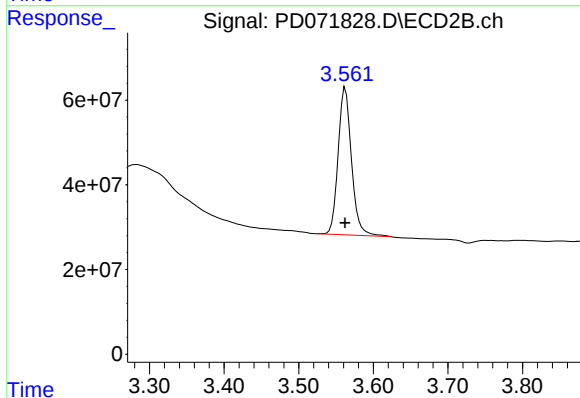




#1 Tetrachloro-m-xylene

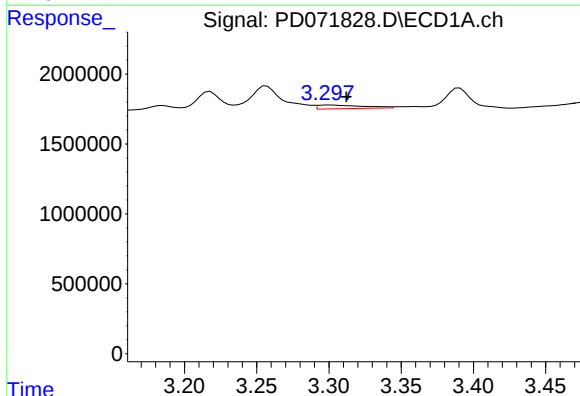
R.T.: 2.804 min  
Delta R.T.: 0.000 min  
Response: 33039126  
Conc: 13.51 ng/ml

Instrument :  
ECD\_D  
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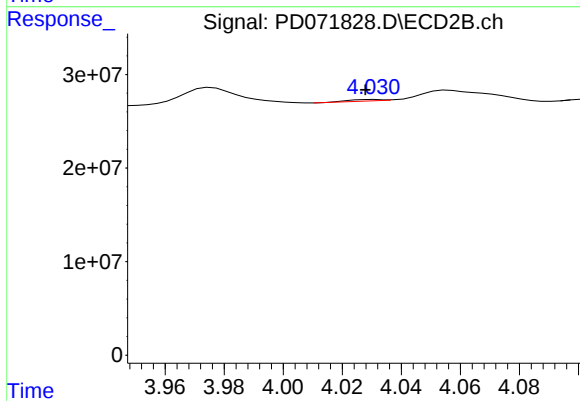
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 433135115  
Conc: 15.09 ng/ml



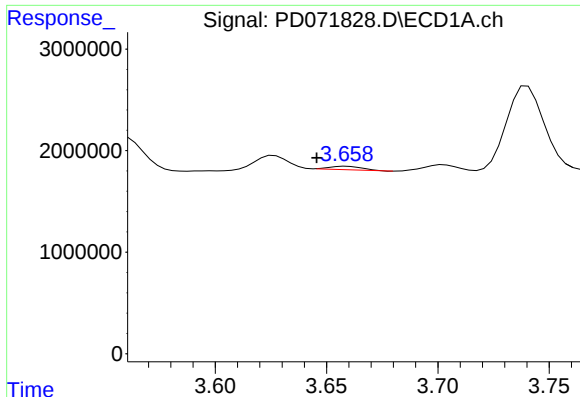
#2 alpha-BHC

R.T.: 3.301 min  
Delta R.T.: -0.012 min  
Response: 593786  
Conc: 0.15 ng/ml



#2 alpha-BHC

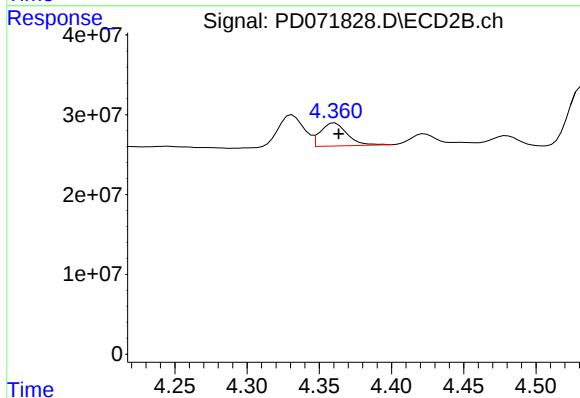
R.T.: 4.031 min  
Delta R.T.: 0.003 min  
Response: 1193782  
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

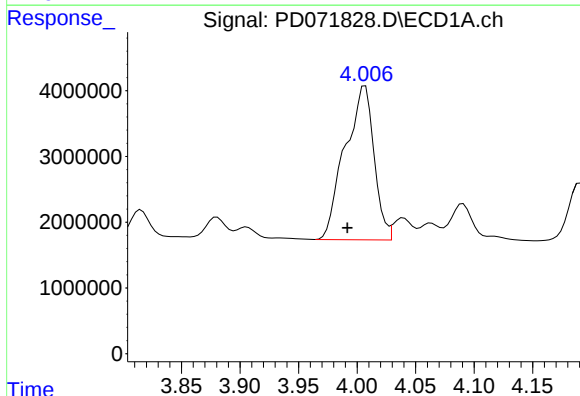
R.T.: 3.659 min  
Delta R.T.: 0.014 min  
Response: 333978  
Conc: 0.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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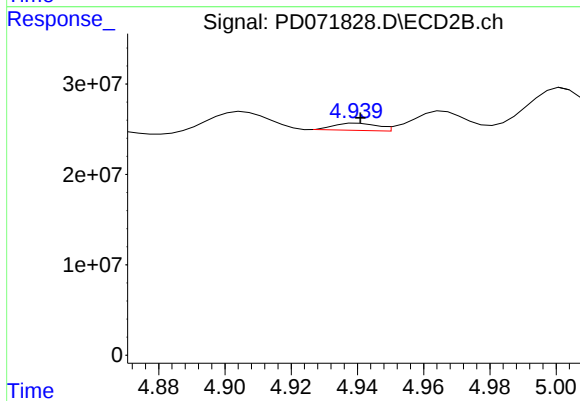
#3 gamma-BHC (Lindane)

R.T.: 4.361 min  
Delta R.T.: -0.003 min  
Response: 37165922  
Conc: 1.13 ng/ml



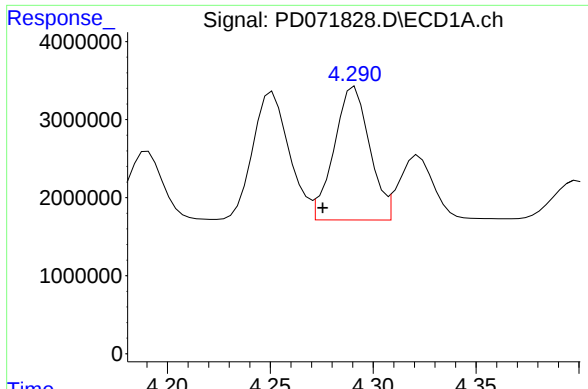
#4 Heptachlor

R.T.: 4.007 min  
Delta R.T.: 0.015 min  
Response: 40375471  
Conc: 10.80 ng/ml



#4 Heptachlor

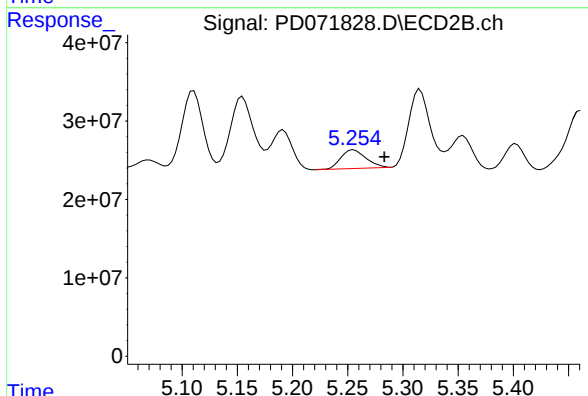
R.T.: 4.940 min  
Delta R.T.: 0.000 min  
Response: 7146991  
Conc: 0.30 ng/ml



#5 Aldrin

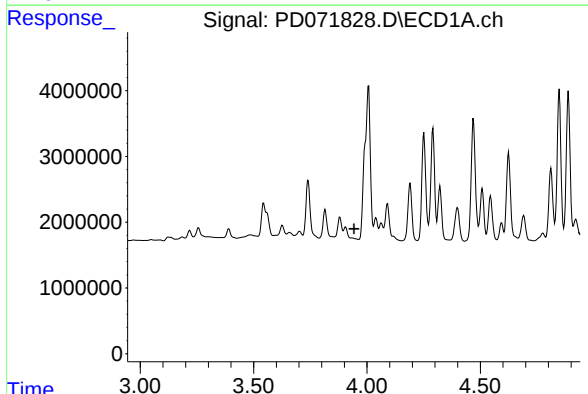
R.T.: 4.291 min  
Delta R.T.: 0.016 min  
Response: 20509177  
Conc: 5.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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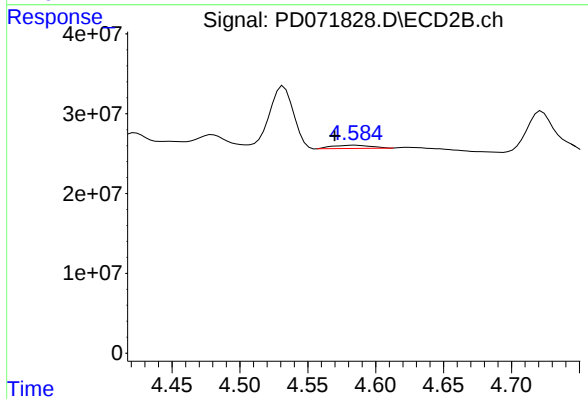
#5 Aldrin

R.T.: 5.255 min  
Delta R.T.: -0.028 min  
Response: 37501002  
Conc: 1.85 ng/ml



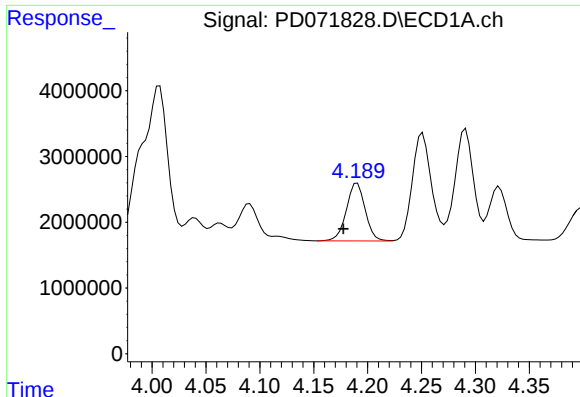
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 3.944 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

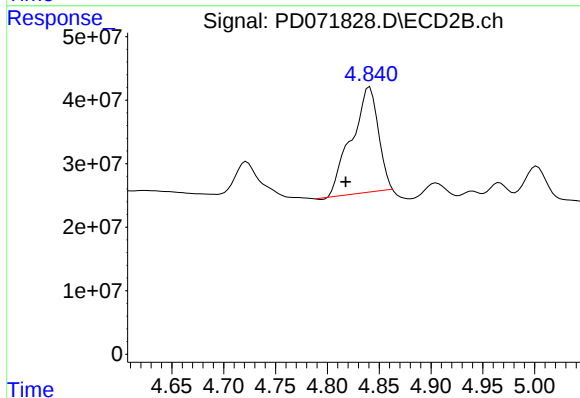
R.T.: 4.585 min  
Delta R.T.: 0.015 min  
Response: 7870252  
Conc: 0.60 ng/ml



#7 delta-BHC

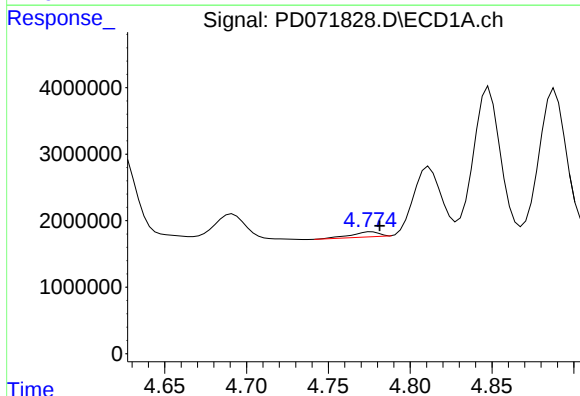
R.T.: 4.190 min  
Delta R.T.: 0.013 min  
Response: 10660431  
Conc: 3.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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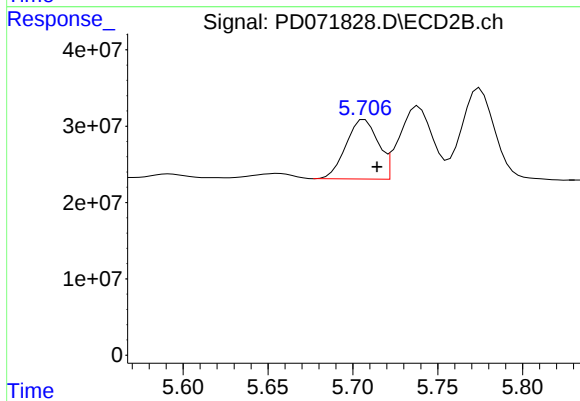
#7 delta-BHC

R.T.: 4.841 min  
Delta R.T.: 0.023 min  
Response: 297803312  
Conc: 12.74 ng/ml



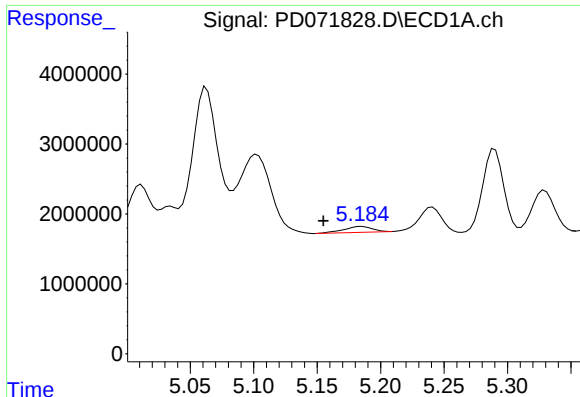
#8 Heptachlor epoxide

R.T.: 4.776 min  
Delta R.T.: -0.005 min  
Response: 889305  
Conc: 0.27 ng/ml



#8 Heptachlor epoxide

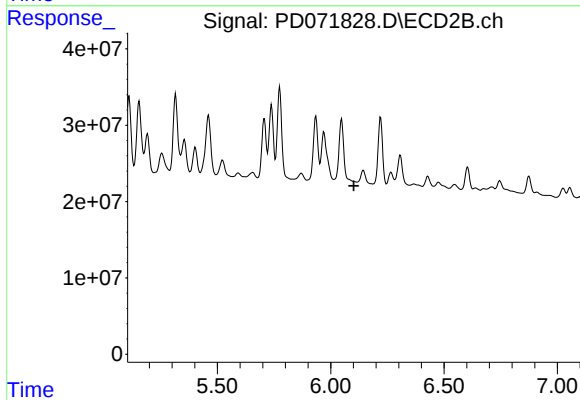
R.T.: 5.707 min  
Delta R.T.: -0.007 min  
Response: 102622478  
Conc: 6.66 ng/ml



#9 Endosulfan I

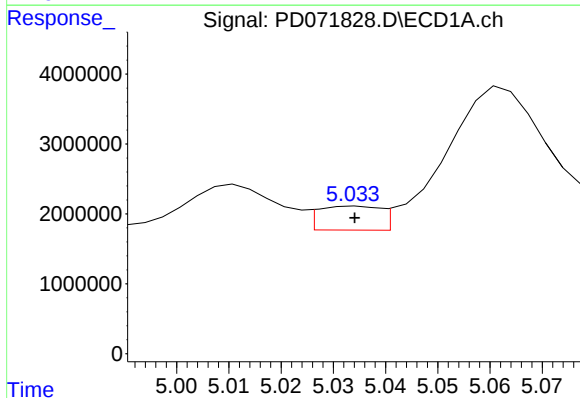
R.T.: 5.185 min  
Delta R.T.: 0.030 min  
Response: 1316264  
Conc: 0.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



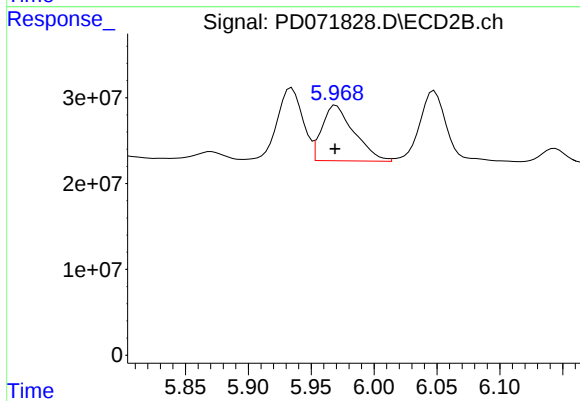
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.102 min  
Response: 0  
Conc: N.D.



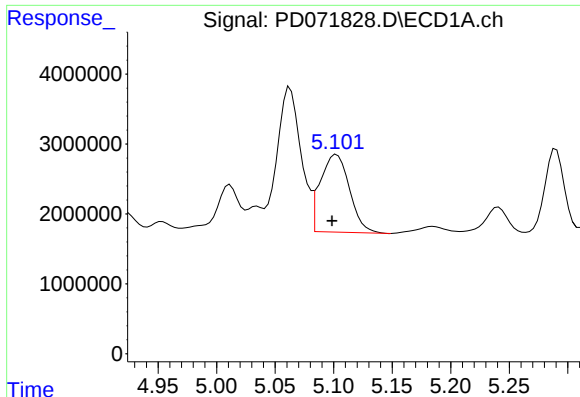
#10 gamma-Chlordane

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 2828870  
Conc: 0.84 ng/ml



#10 gamma-Chlordane

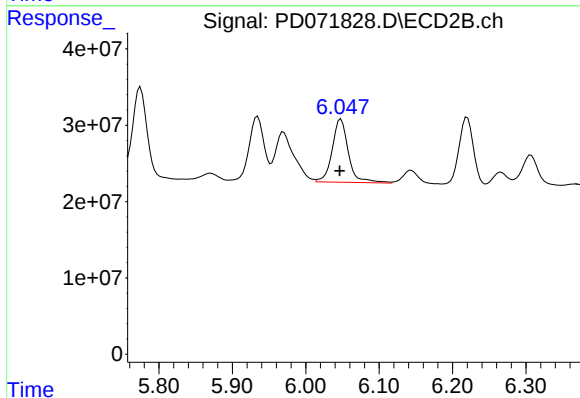
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 114849033  
Conc: 7.15 ng/ml



#11 alpha-Chlordane

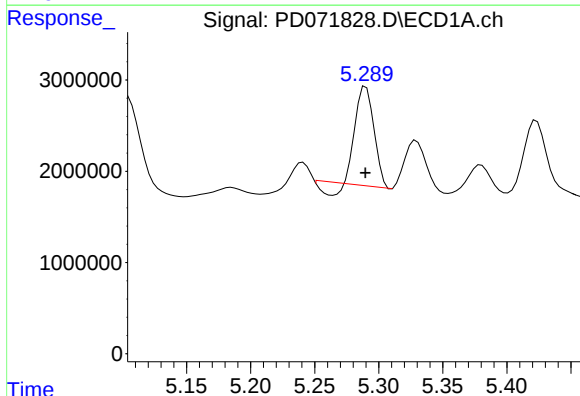
R.T.: 5.103 min  
Delta R.T.: 0.004 min  
Response: 19281247  
Conc: 5.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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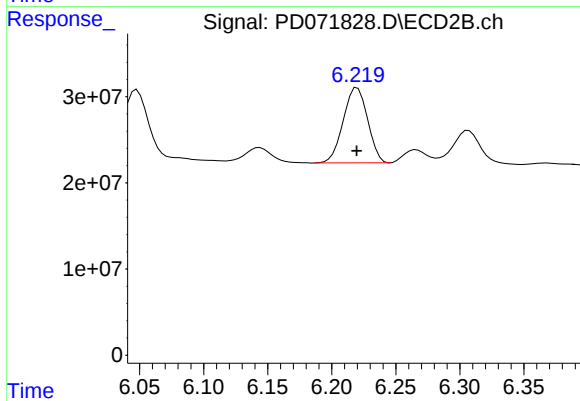
#11 alpha-Chlordane

R.T.: 6.048 min  
Delta R.T.: 0.002 min  
Response: 127540491  
Conc: 8.17 ng/ml



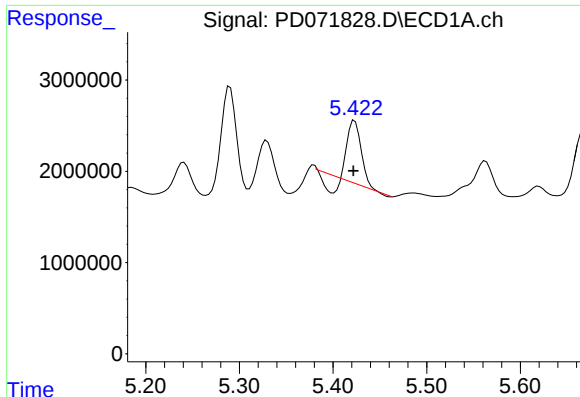
#12 4,4'-DDE

R.T.: 5.290 min  
Delta R.T.: 0.000 min  
Response: 9897998  
Conc: 3.23 ng/ml



#12 4,4'-DDE

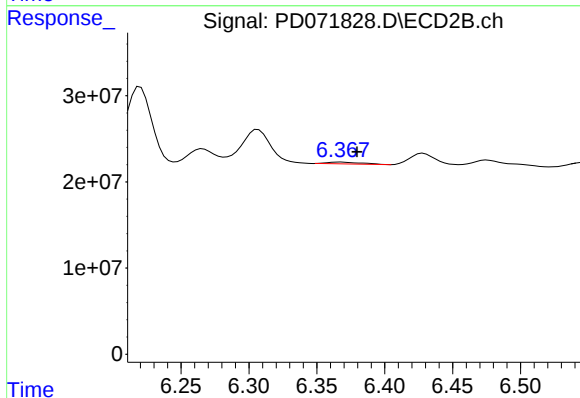
R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 115247559  
Conc: 7.82 ng/ml



#13 Dieldrin

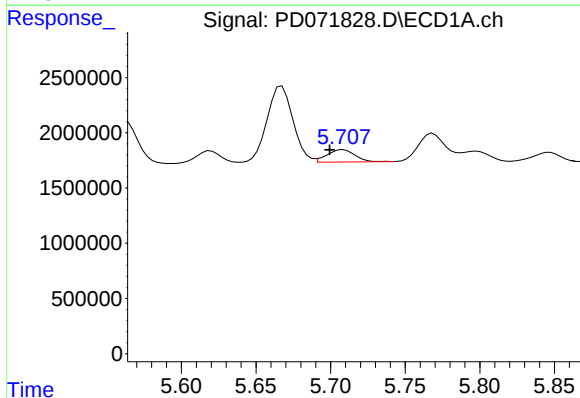
R.T.: 5.423 min  
Delta R.T.: 0.001 min  
Response: 5809122  
Conc: 1.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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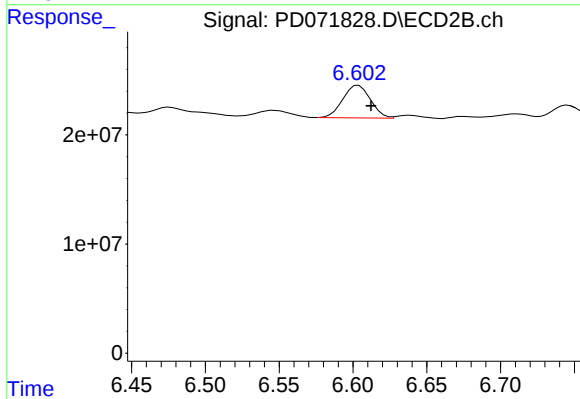
#13 Dieldrin

R.T.: 6.368 min  
Delta R.T.: -0.012 min  
Response: 3705539  
Conc: 0.24 ng/ml



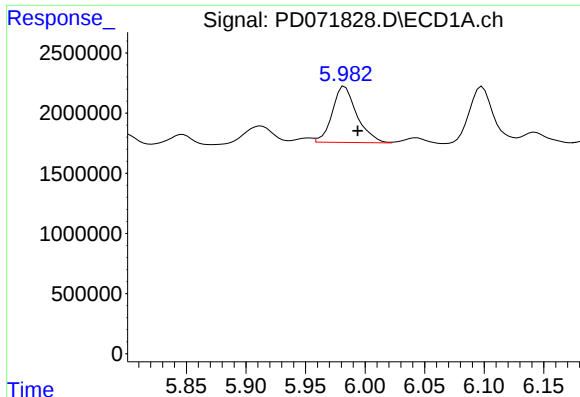
#14 Endrin

R.T.: 5.708 min  
Delta R.T.: 0.009 min  
Response: 1445745  
Conc: 0.49 ng/ml



#14 Endrin

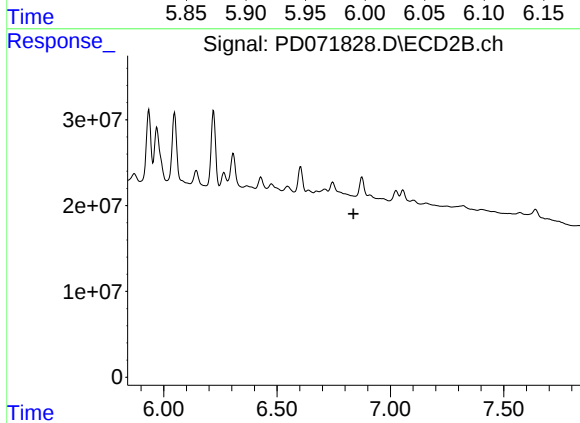
R.T.: 6.604 min  
Delta R.T.: -0.008 min  
Response: 38773760  
Conc: 3.07 ng/ml



#15 Endosulfan II

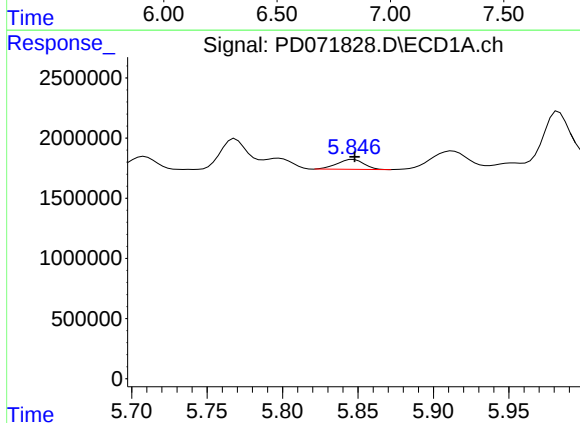
R.T.: 5.983 min  
Delta R.T.: -0.011 min  
Response: 6706818  
Conc: 2.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



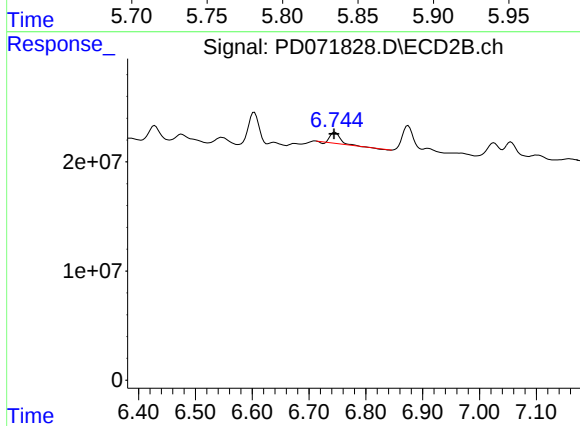
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T.: 6.838 min  
Response: 0  
Conc: N.D.



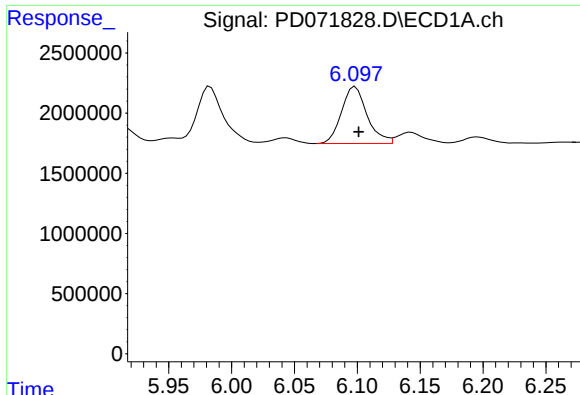
#16 4,4'-DDD

R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 1017480  
Conc: 0.40 ng/ml



#16 4,4'-DDD

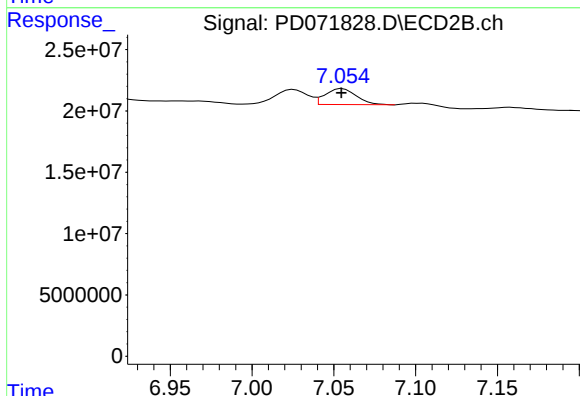
R.T.: 6.746 min  
Delta R.T.: 0.002 min  
Response: 12091492  
Conc: 1.02 ng/ml



#17 4,4'-DDT

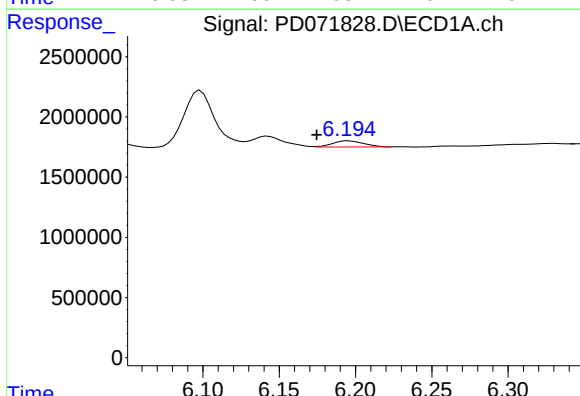
R.T.: 6.098 min  
Delta R.T.: -0.003 min  
Response: 6700157  
Conc: 2.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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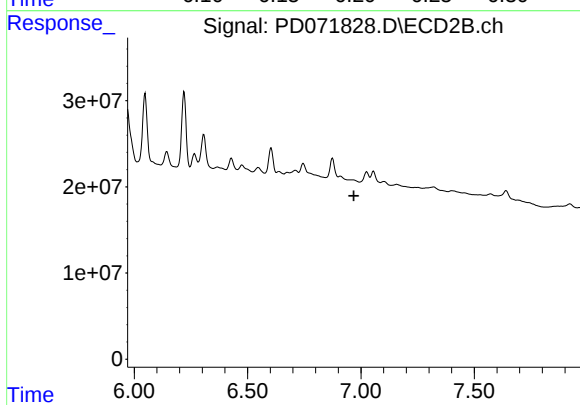
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 17321653  
Conc: 1.40 ng/ml



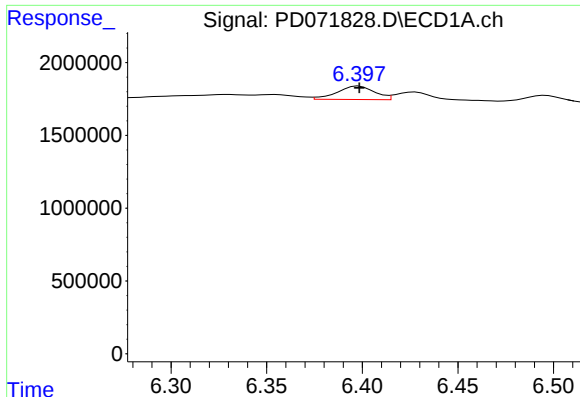
#18 Endrin aldehyde

R.T.: 6.195 min  
Delta R.T.: 0.021 min  
Response: 714323  
Conc: 0.32 ng/ml



#18 Endrin aldehyde

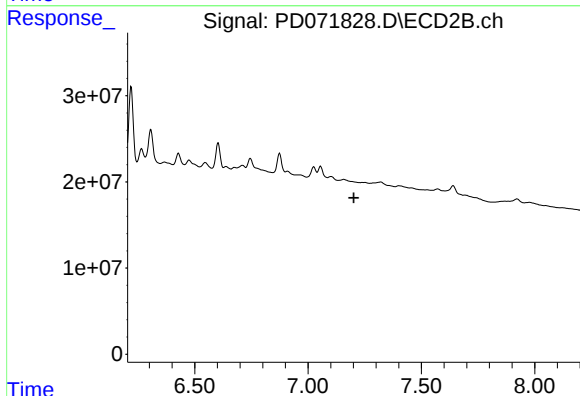
R.T.: 0.000 min  
Exp R.T. : 6.969 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

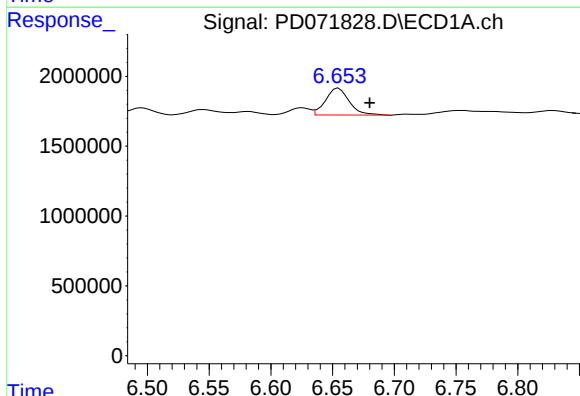
R.T.: 6.398 min  
Delta R.T.: 0.000 min  
Response: 1259580  
Conc: 0.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



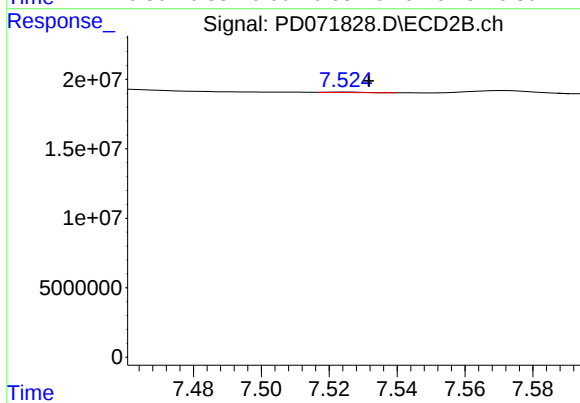
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.202 min  
Response: 0  
Conc: N.D.



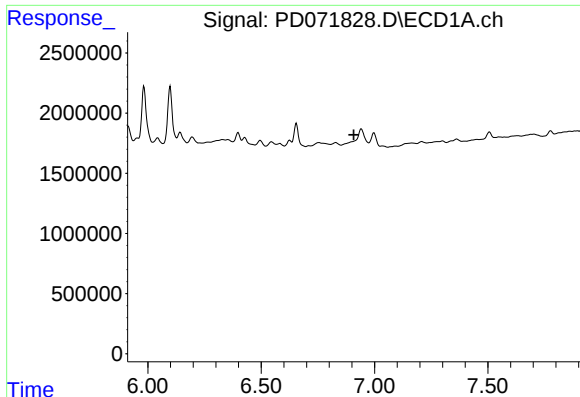
#20 Methoxychlor

R.T.: 6.655 min  
Delta R.T.: -0.025 min  
Response: 2579790  
Conc: 1.72 ng/ml



#20 Methoxychlor

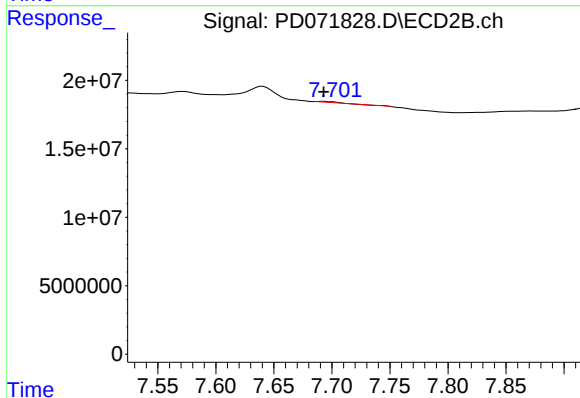
R.T.: 7.525 min  
Delta R.T.: -0.006 min  
Response: 260966  
Conc: 0.04 ng/ml



#21 Endrin ketone

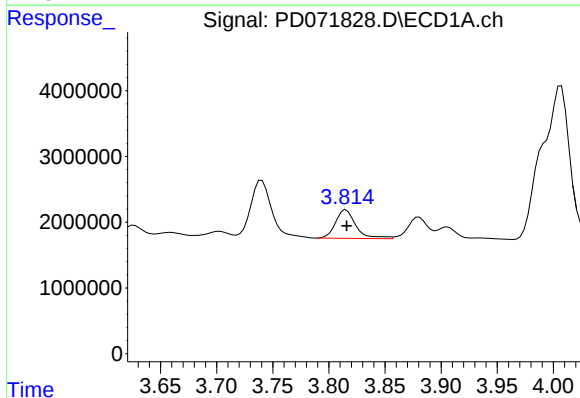
R.T.: 0.000 min  
Exp R.T.: 6.909 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



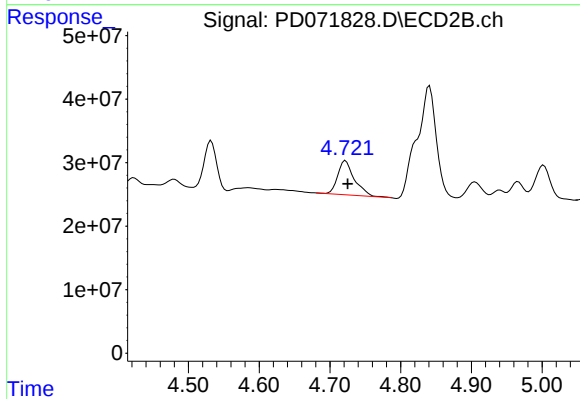
#21 Endrin ketone

R.T.: 7.693 min  
Delta R.T.: 0.000 min  
Response: 108939  
Conc: 0.01 ng/ml



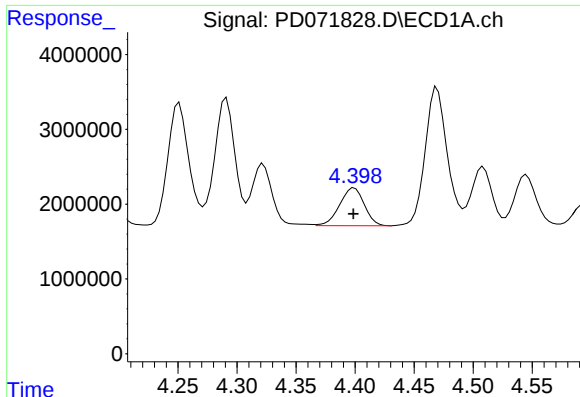
#23 Chlordane-1

R.T.: 3.815 min  
Delta R.T.: 0.000 min  
Response: 5456112  
Conc: 53.65 ng/ml



#23 Chlordane-1

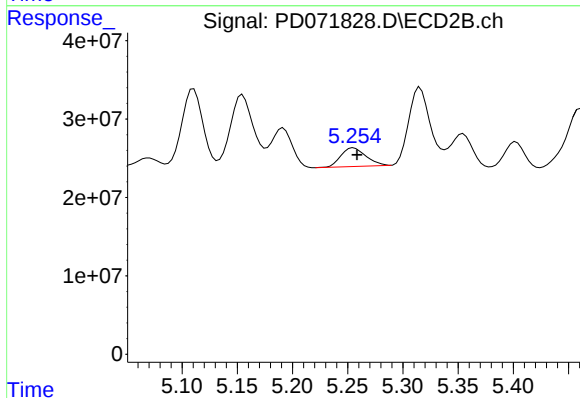
R.T.: 4.722 min  
Delta R.T.: -0.003 min  
Response: 87679620  
Conc: 91.37 ng/ml



#24 Chlordane-2

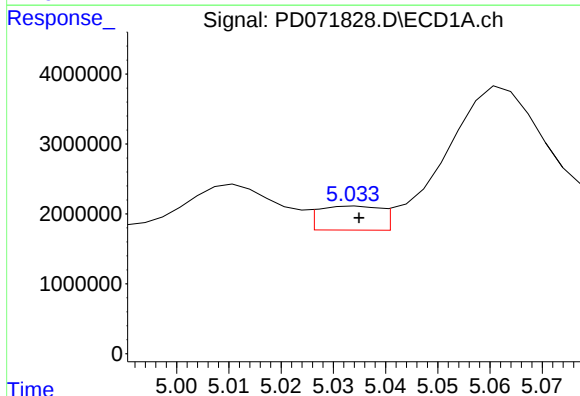
R.T.: 4.399 min  
Delta R.T.: 0.000 min  
Response: 7339643  
Conc: 60.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



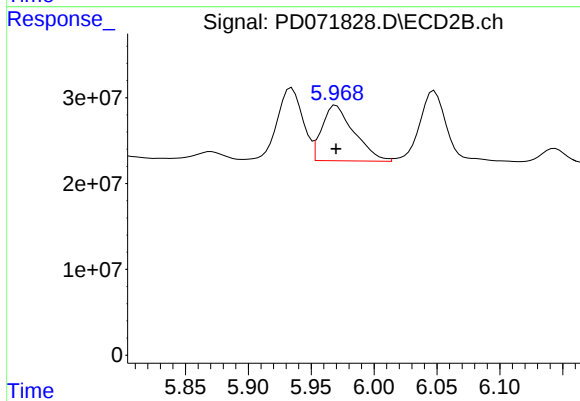
#24 Chlordane-2

R.T.: 5.255 min  
Delta R.T.: -0.003 min  
Response: 37501002  
Conc: 54.24 ng/ml



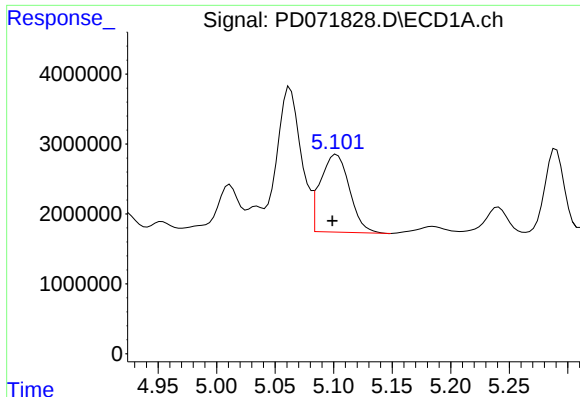
#25 Chlordane-3

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 2828870  
Conc: 8.32 ng/ml



#25 Chlordane-3

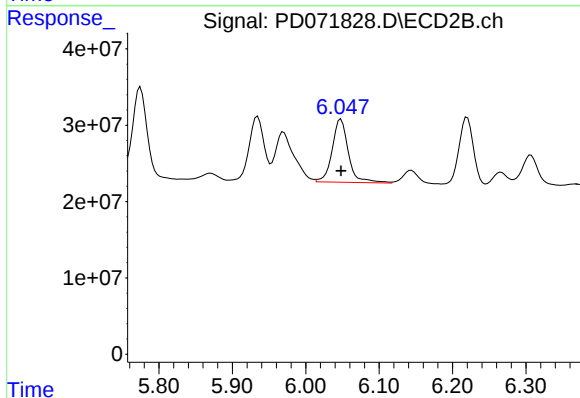
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 114849033  
Conc: 52.28 ng/ml



#26 Chlordane-4

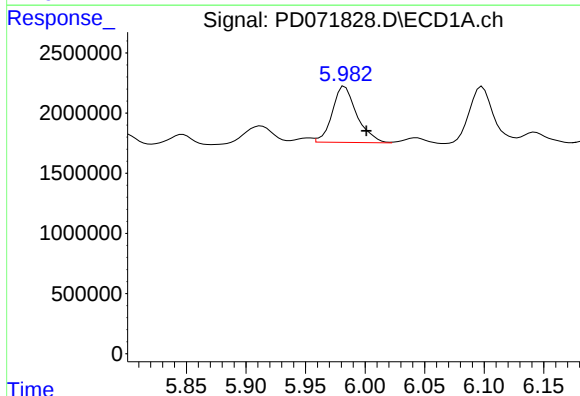
R.T.: 5.103 min  
Delta R.T.: 0.003 min  
Response: 19281247  
Conc: 61.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



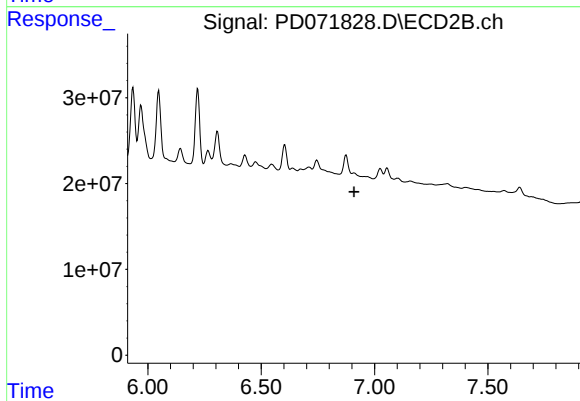
#26 Chlordane-4

R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 127540491  
Conc: 49.63 ng/ml



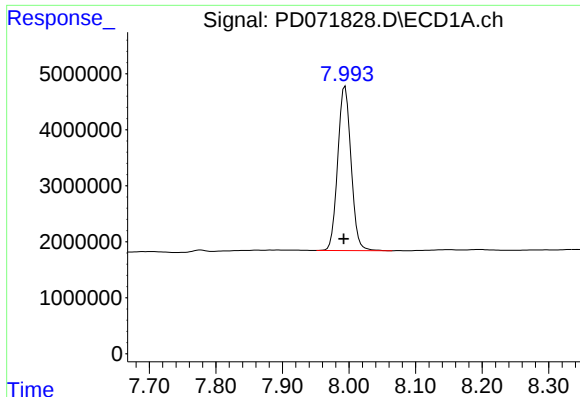
#27 Chlordane-5

R.T.: 5.983 min  
Delta R.T.: -0.018 min  
Response: 6706818  
Conc: 53.76 ng/ml



#27 Chlordane-5

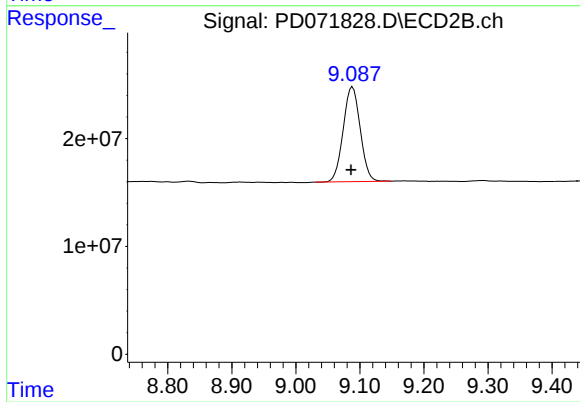
R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: -6061565  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: 0.002 min  
Response: 40758309  
Conc: 16.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S1-SO\_PW001-20220902



#28 Decachlorobiphenyl

R.T.: 9.089 min  
Delta R.T.: 0.003 min  
Response: 161739595  
Conc: 17.40 ng/ml