

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120623\  
 Data File : PD079986.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2023 20:45  
 Operator : AR\AJ  
 Sample : 05629-04  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 72-11985

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 06 21:51:51 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 06 14:11:45 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 |                 |        |        |          |          |        |           |
| 28)                         | SA Decachlor... | 9.114  | 7.943  | 19494711 | 38285516 | 9.631  | 13.582 #  |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.295  | 0        | 1786030  | N.D.   | 0.467 #   |
| 3)                          | MA gamma-BHC... | 4.384f | 3.640  | 126853   | 246777   | 0.054  | 0.068 #   |
| 4)                          | MA Heptachlor   | 4.960  | 0.000  | 194684   | 0        | 0.079  | N.D. #    |
| 5)                          | MB Aldrin       | 5.265f | 0.000  | 1202660  | 0        | 0.506  | N.D. #    |
| 6)                          | B beta-BHC      | 4.562  | 3.938  | 329722   | 247744   | 0.329  | 0.160 #   |
| 7)                          | B delta-BHC     | 4.796  | 4.182f | 1876247  | 607497   | 0.766  | 0.161 #   |
| 8)                          | B Heptachlo...  | 5.719  | 4.757  | 5579716  | 2757882  | 2.533  | 0.841 #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.104f | 0        | 674229   | N.D.   | 0.223 #   |
| 10)                         | B gamma-Chl...  | 5.976  | 5.031f | 12681847 | 41877468 | 5.825  | 12.991 #  |
| 11)                         | B alpha-Chl...  | 6.061  | 5.070  | 29918823 | 11849486 | 13.870 | 3.687 #   |
| 12)                         | B 4,4'-DDE      | 6.225  | 5.260  | 287922   | -323484  | 0.144  | N.D. #    |
| 13)                         | MA Dieldrin     | 6.393  | 5.395  | -325657  | 1091917  | N.D.   | 0.333     |
| 14)                         | MA Endrin       | 6.608  | 5.672  | 2792     | 141668   | 0.002  | 0.050 #   |
| 15)                         | B Endosulfa...  | 6.833  | 5.965  | 332685   | 2203742  | 0.175  | 0.808 #   |
| 16)                         | A 4,4'-DDD      | 6.759f | 5.812  | 518122   | 257306   | 0.309  | 0.100 #   |
| 17)                         | MA 4,4'-DDT     | 7.059  | 6.062  | 498198   | 1434188  | 0.280  | 0.565 #   |
| 18)                         | B Endrin al...  | 6.957  | 0.000  | 4256     | 0        | 0.003  | N.D. #    |
| 19)                         | B Endosulfa...  | 7.202  | 6.355  | 1208093  | 813333   | 0.637  | 0.303 #   |
| 20)                         | A Methoxychlor  | 7.534  | 6.618f | 488800   | 880123   | 0.495  | 0.602     |
| 21)                         | B Endrin ke...  | 7.696  | 0.000  | 4384627  | 0        | 2.118  | N.D. #    |
| 22)                         | Mirex           | 8.157  | 7.052  | 727266   | 485666   | 0.445  | 0.201 #   |
| 23)                         | Chlordane-1     | 0.000  | 3.814  | 0        | 4743683  | N.D.   | 49.276 #  |
| 24)                         | Chlordane-2     | 5.265  | 4.382  | 1202660  | 1449337  | 15.734 | 12.680    |
| 25)                         | Chlordane-3     | 5.976  | 5.031f | 12681847 | 41877468 | 42.005 | 132.925 # |
| 26)                         | Chlordane-4     | 6.061  | 5.070  | 29918823 | 11849486 | 82.615 | 40.274 #  |
| 27)                         | Chlordane-5     | 6.909  | 5.965  | 795644   | 2203742  | 11.761 | 19.398 #  |
| -----                       |                 |        |        |          |          |        |           |

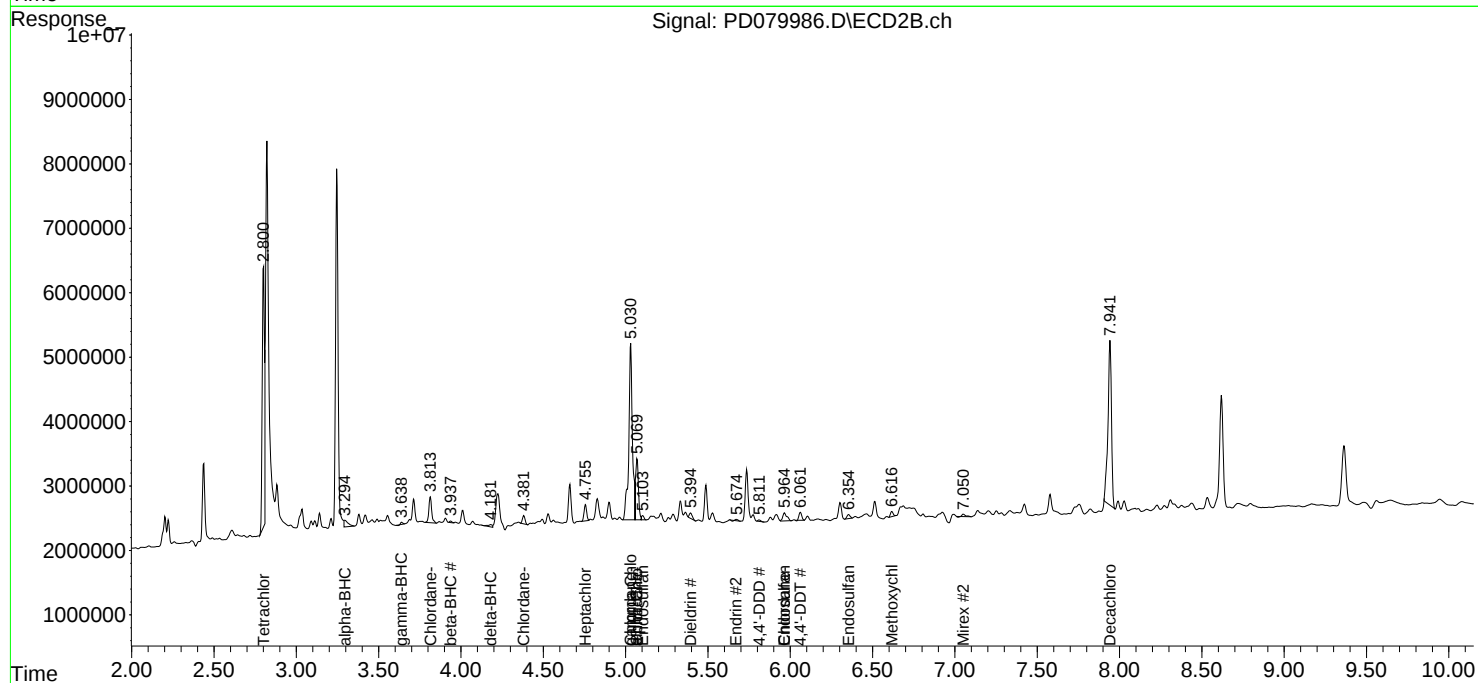
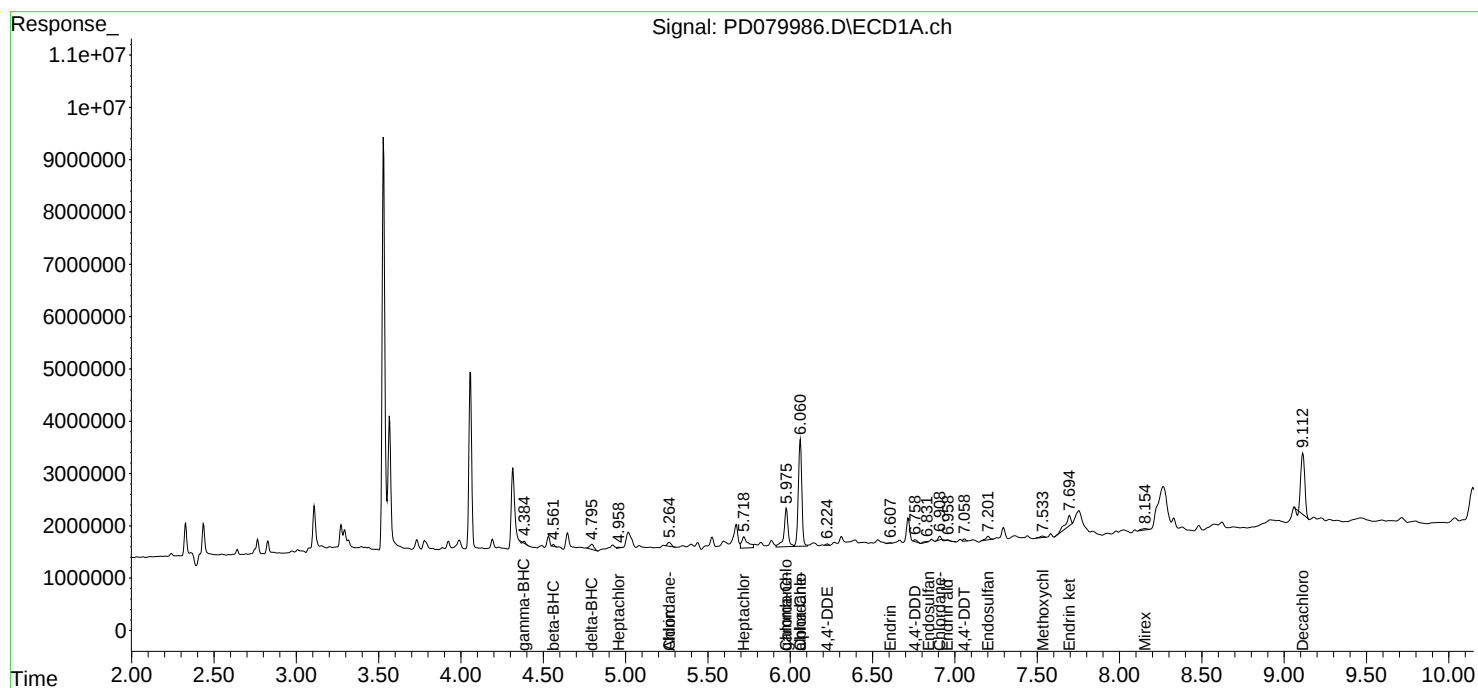
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

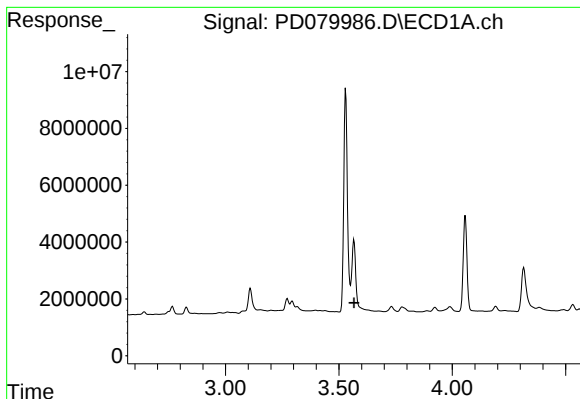
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120623\  
Data File : PD079986.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2023 20:45  
Operator : AR\AJ  
Sample : 05629-04  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 21:51:51 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120623.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 06 14:11:45 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

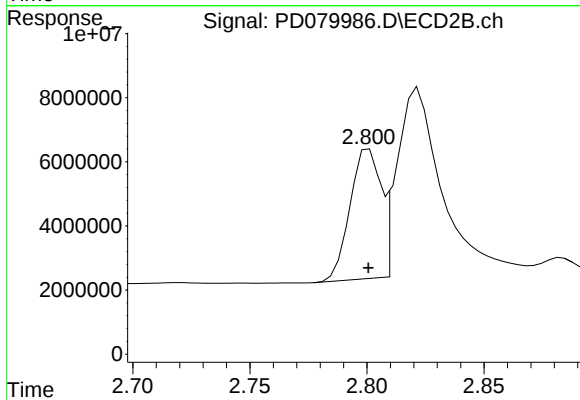




#1 Tetrachloro-m-xylene

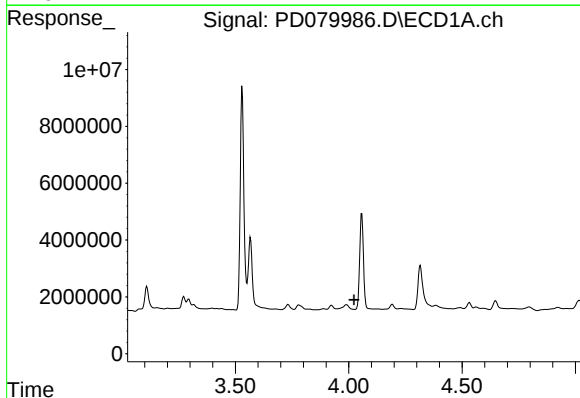
R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: -56241490  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



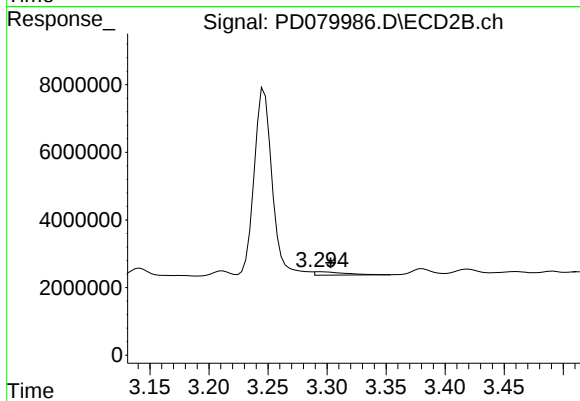
#1 Tetrachloro-m-xylene

R.T.: 2.801 min  
Delta R.T.: 0.000 min  
Response: 36866394  
Conc: 14.67 ng/ml



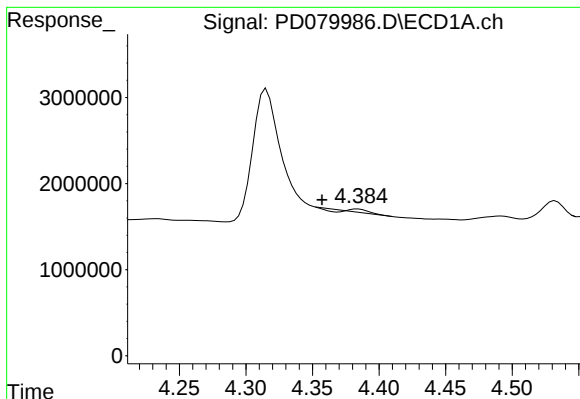
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.024 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

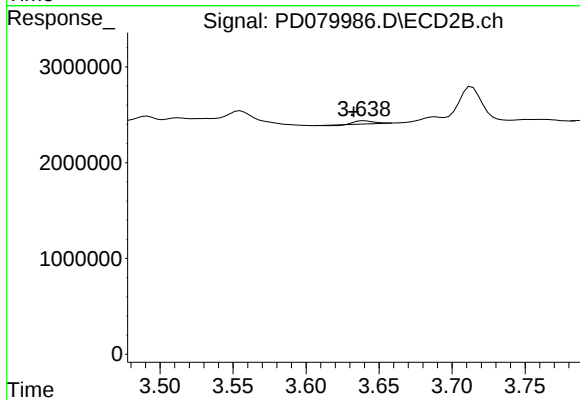
R.T.: 3.295 min  
Delta R.T.: -0.008 min  
Response: 1786030  
Conc: 0.47 ng/ml



#3 gamma-BHC (Lindane)

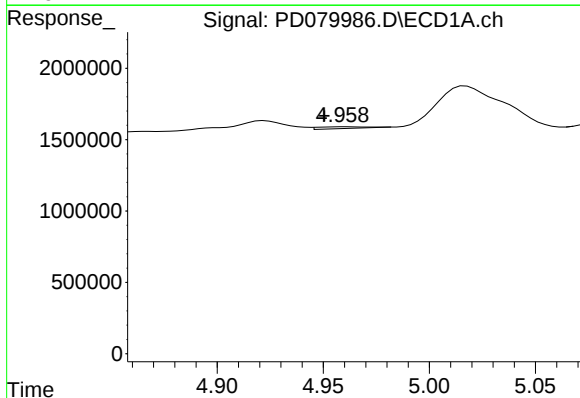
R.T.: 4.384 min  
Delta R.T.: 0.027 min  
Response: 126853  
Conc: 0.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



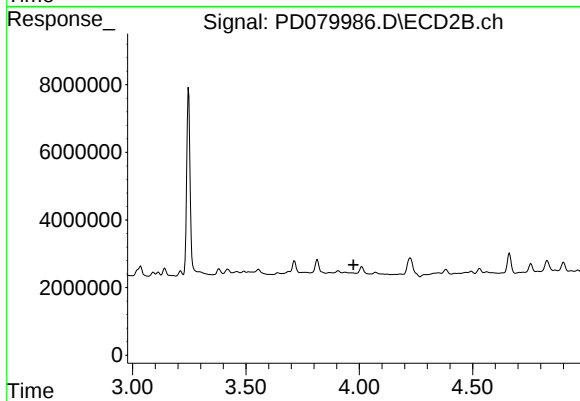
#3 gamma-BHC (Lindane)

R.T.: 3.640 min  
Delta R.T.: 0.008 min  
Response: 246777  
Conc: 0.07 ng/ml



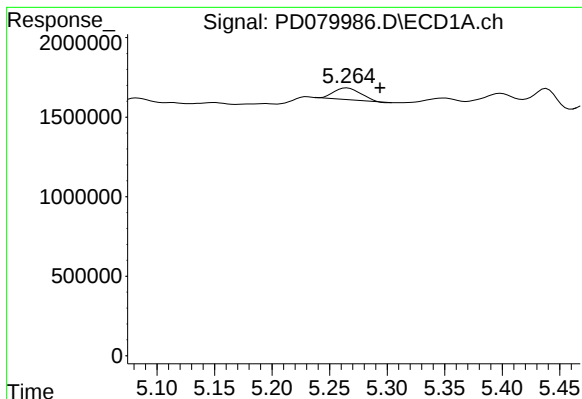
#4 Heptachlor

R.T.: 4.960 min  
Delta R.T.: 0.010 min  
Response: 194684  
Conc: 0.08 ng/ml



#4 Heptachlor

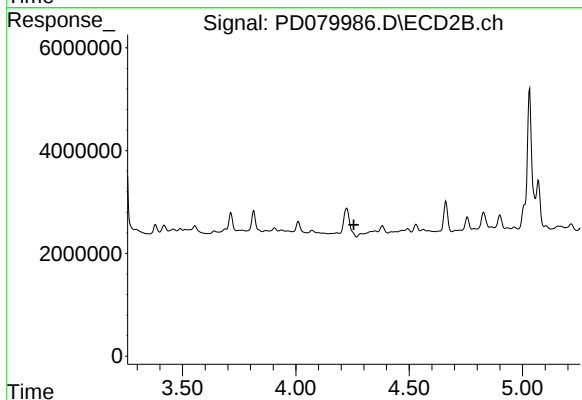
R.T.: 0.000 min  
Exp R.T. : 3.975 min  
Response: 0  
Conc: N.D.



#5 Aldrin

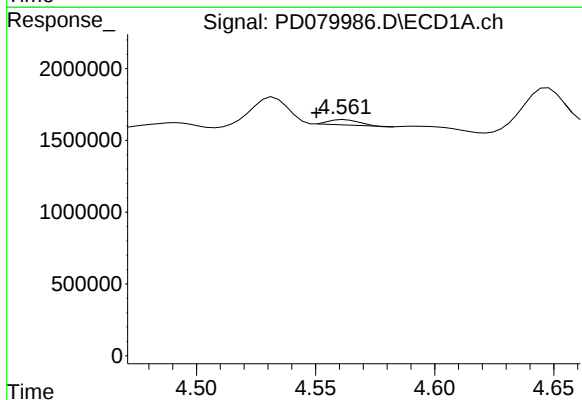
R.T.: 5.265 min  
Delta R.T.: -0.029 min  
Response: 1202660  
Conc: 0.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



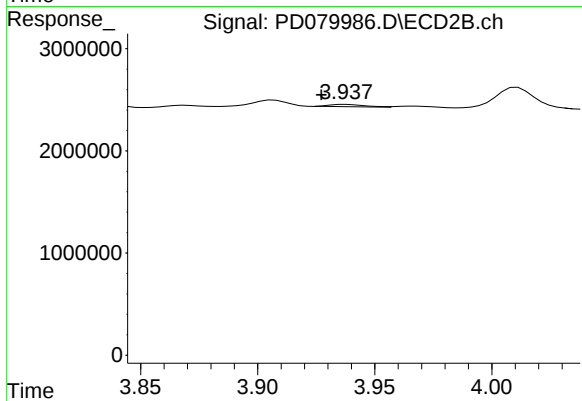
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.255 min  
Response: 0  
Conc: N.D.



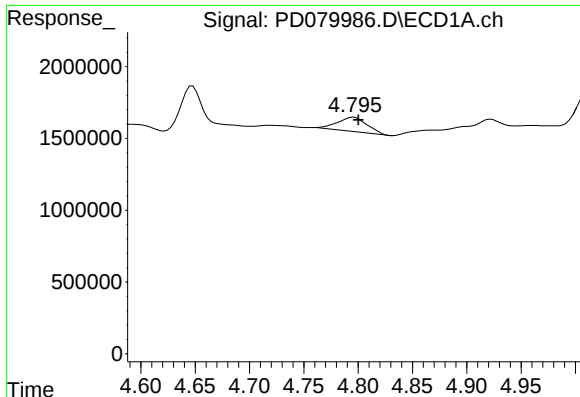
#6 beta-BHC

R.T.: 4.562 min  
Delta R.T.: 0.012 min  
Response: 329722  
Conc: 0.33 ng/ml



#6 beta-BHC

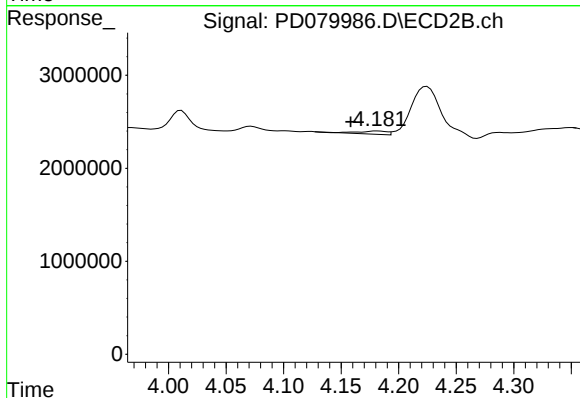
R.T.: 3.938 min  
Delta R.T.: 0.011 min  
Response: 247744  
Conc: 0.16 ng/ml



#7 delta-BHC

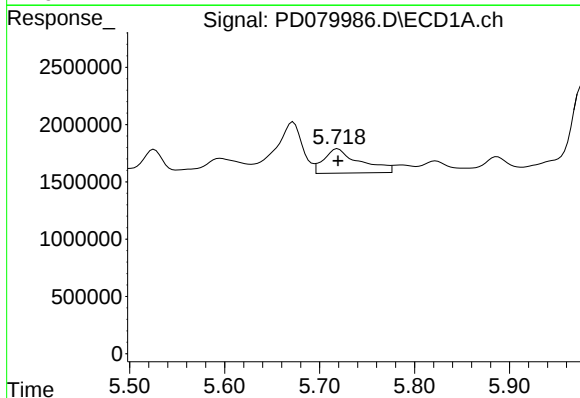
R.T.: 4.796 min  
Delta R.T.: -0.004 min  
Response: 1876247  
Conc: 0.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



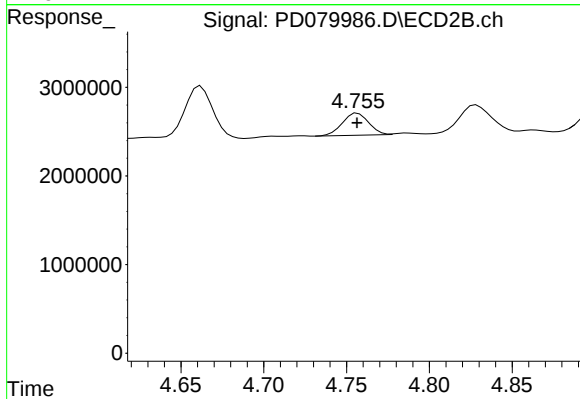
#7 delta-BHC

R.T.: 4.182 min  
Delta R.T.: 0.023 min  
Response: 607497  
Conc: 0.16 ng/ml



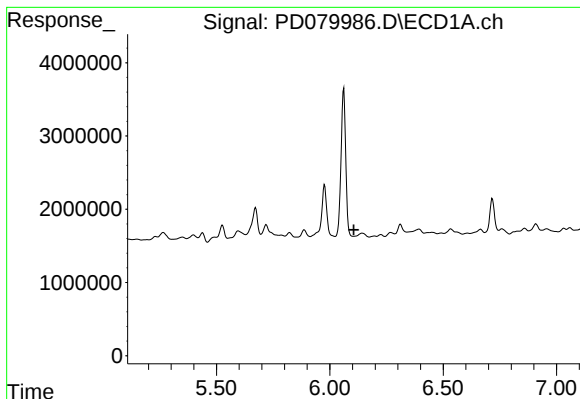
#8 Heptachlor epoxide

R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 5579716  
Conc: 2.53 ng/ml



#8 Heptachlor epoxide

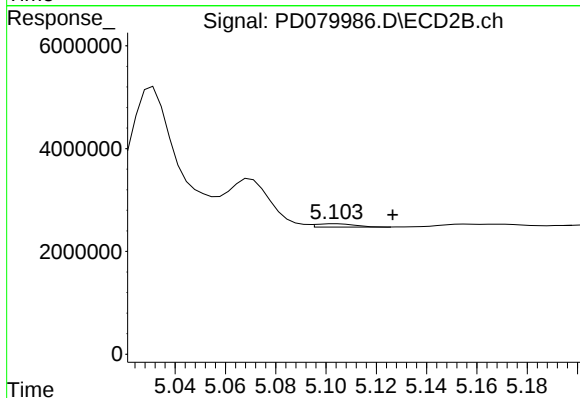
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 2757882  
Conc: 0.84 ng/ml



#9 Endosulfan I

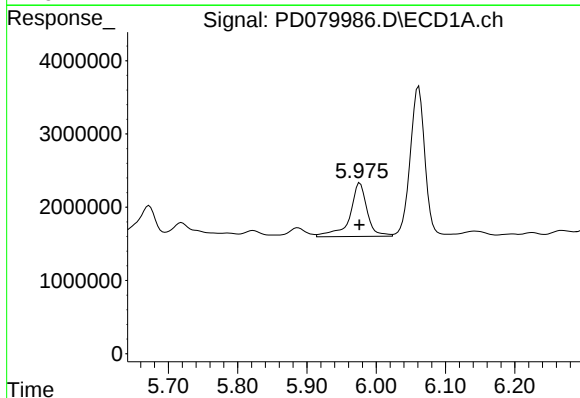
R.T.: 0.000 min  
Exp R.T.: 6.106 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



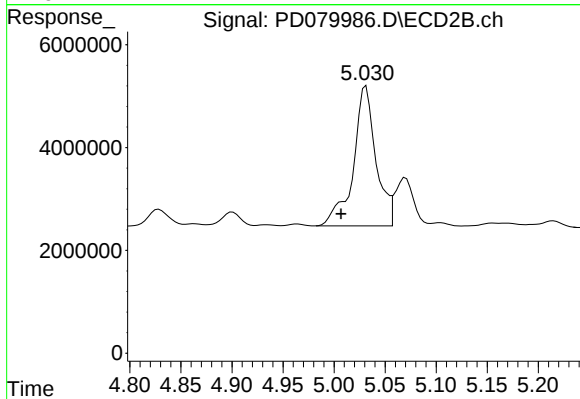
#9 Endosulfan I

R.T.: 5.104 min  
Delta R.T.: -0.022 min  
Response: 674229  
Conc: 0.22 ng/ml



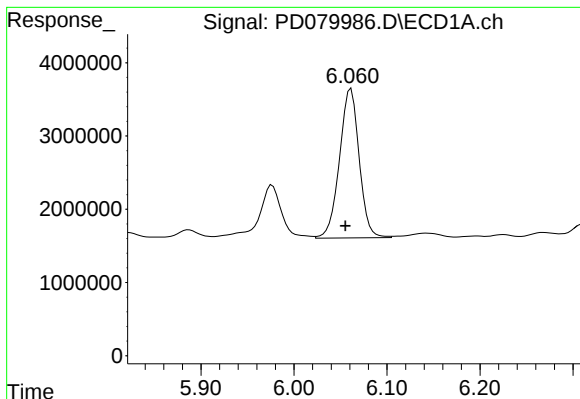
#10 gamma-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 12681847  
Conc: 5.83 ng/ml



#10 gamma-Chlordane

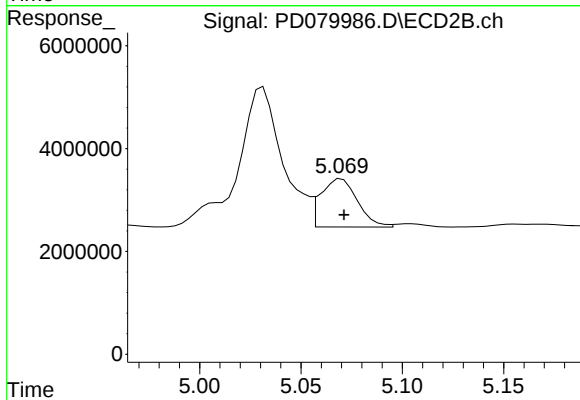
R.T.: 5.031 min  
Delta R.T.: 0.024 min  
Response: 41877468  
Conc: 12.99 ng/ml



#11 alpha-Chlordane

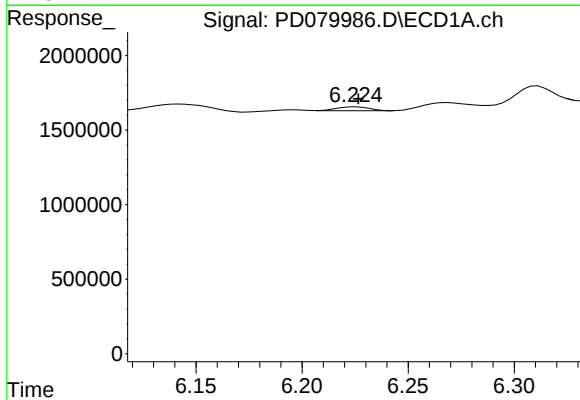
R.T.: 6.061 min  
Delta R.T.: 0.006 min  
Response: 29918823  
Conc: 13.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



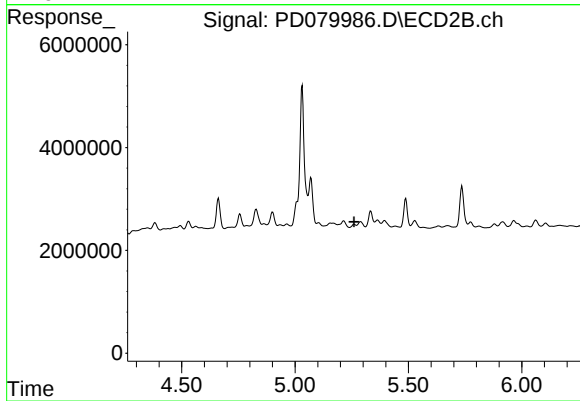
#11 alpha-Chlordane

R.T.: 5.070 min  
Delta R.T.: -0.001 min  
Response: 11849486  
Conc: 3.69 ng/ml



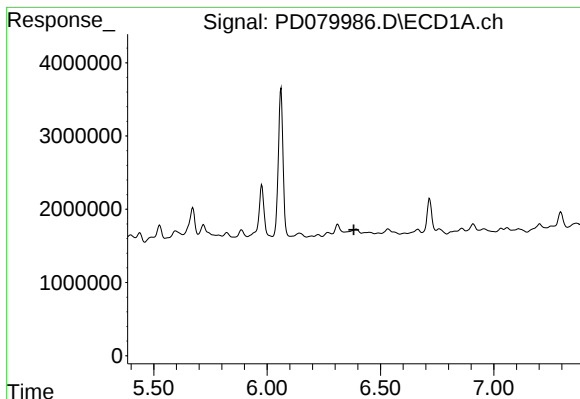
#12 4,4'-DDE

R.T.: 6.225 min  
Delta R.T.: -0.001 min  
Response: 287922  
Conc: 0.14 ng/ml



#12 4,4'-DDE

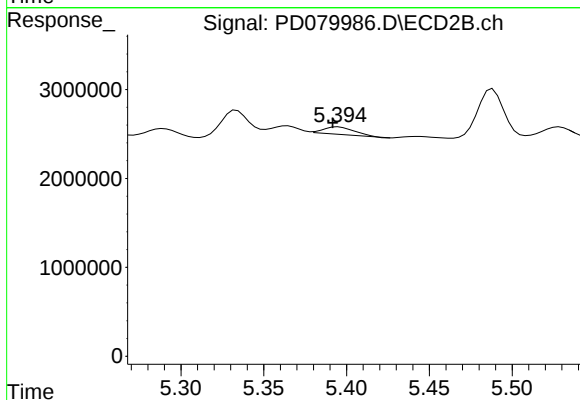
R.T.: 5.260 min  
Delta R.T.: 0.000 min  
Response: -323484  
Conc: N.D.



#13 Dieldrin

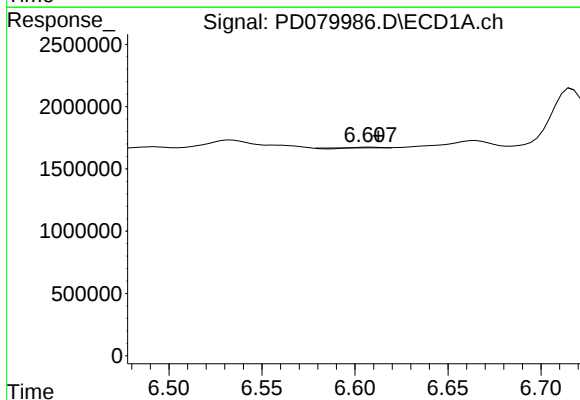
R.T.: 6.393 min  
Delta R.T.: 0.011 min  
Response: -325657  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



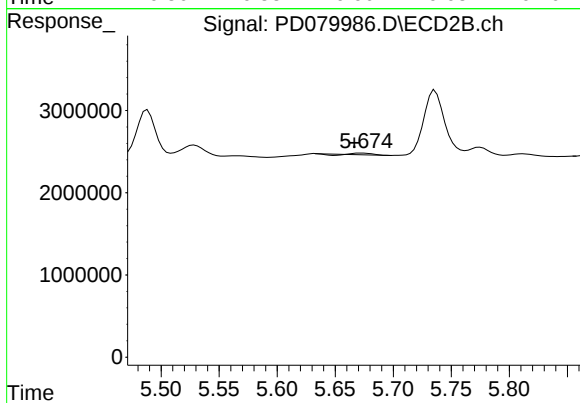
#13 Dieldrin

R.T.: 5.395 min  
Delta R.T.: 0.003 min  
Response: 1091917  
Conc: 0.33 ng/ml



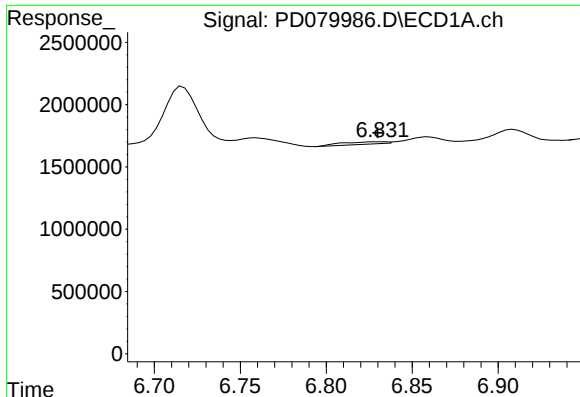
#14 Endrin

R.T.: 6.608 min  
Delta R.T.: -0.004 min  
Response: 2792  
Conc: 0.00 ng/ml



#14 Endrin

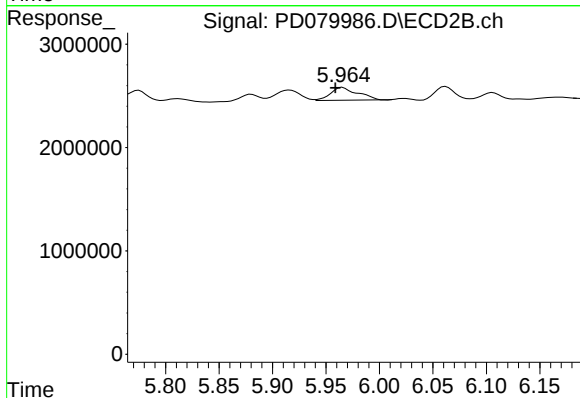
R.T.: 5.672 min  
Delta R.T.: 0.006 min  
Response: 141668  
Conc: 0.05 ng/ml



#15 Endosulfan II

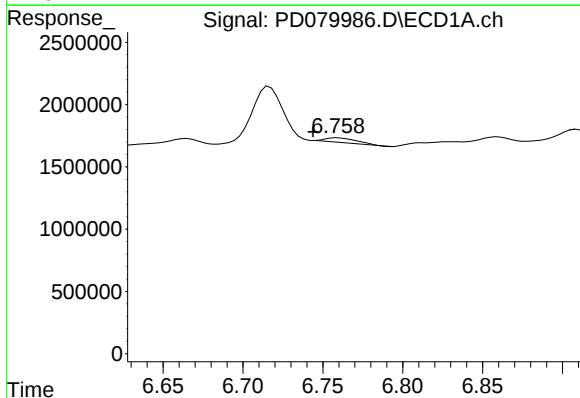
R.T.: 6.833 min  
Delta R.T.: 0.003 min  
Response: 332685  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



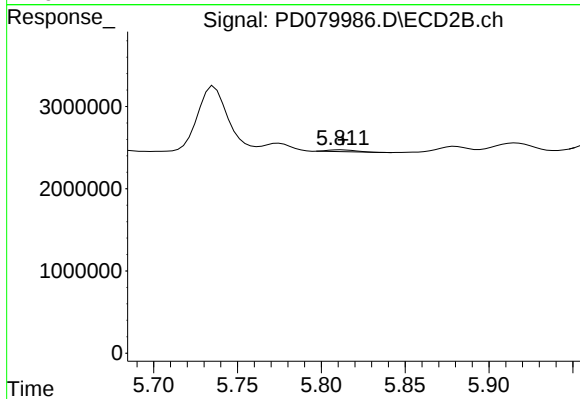
#15 Endosulfan II

R.T.: 5.965 min  
Delta R.T.: 0.007 min  
Response: 2203742  
Conc: 0.81 ng/ml



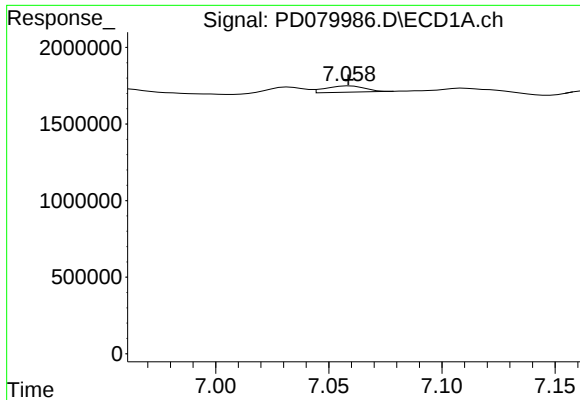
#16 4,4'-DDD

R.T.: 6.759 min  
Delta R.T.: 0.015 min  
Response: 518122  
Conc: 0.31 ng/ml



#16 4,4'-DDD

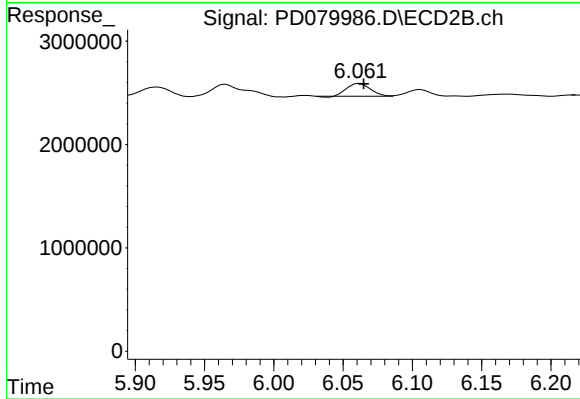
R.T.: 5.812 min  
Delta R.T.: -0.001 min  
Response: 257306  
Conc: 0.10 ng/ml



#17 4,4'-DDT

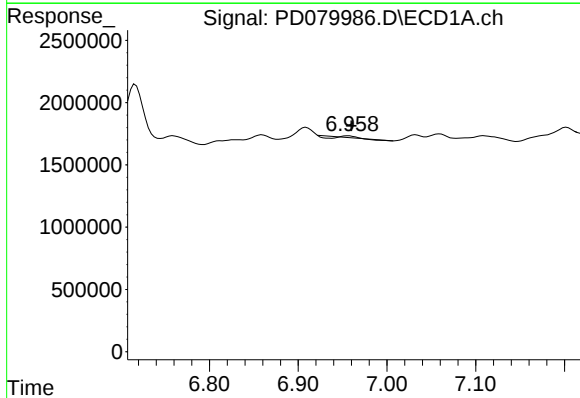
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 498198  
Conc: 0.28 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



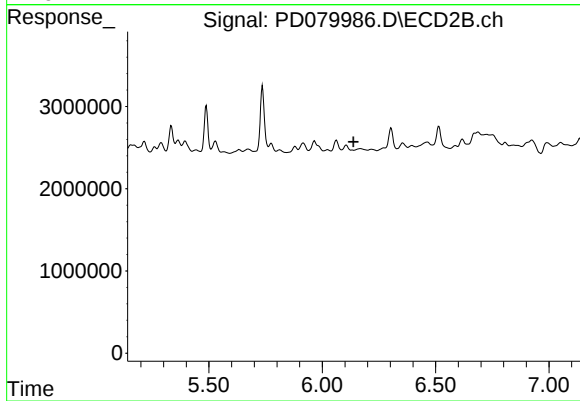
#17 4,4'-DDT

R.T.: 6.062 min  
Delta R.T.: -0.003 min  
Response: 1434188  
Conc: 0.56 ng/ml



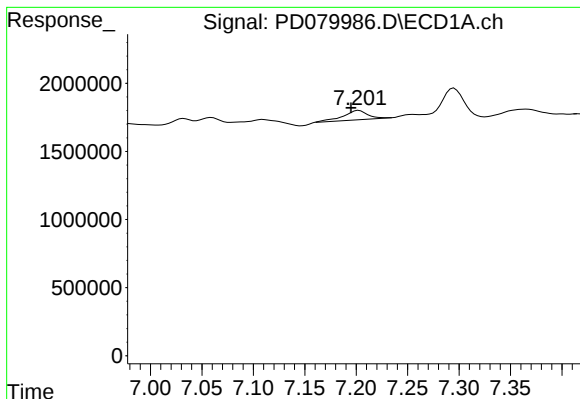
#18 Endrin aldehyde

R.T.: 6.957 min  
Delta R.T.: -0.003 min  
Response: 4256  
Conc: 0.00 ng/ml



#18 Endrin aldehyde

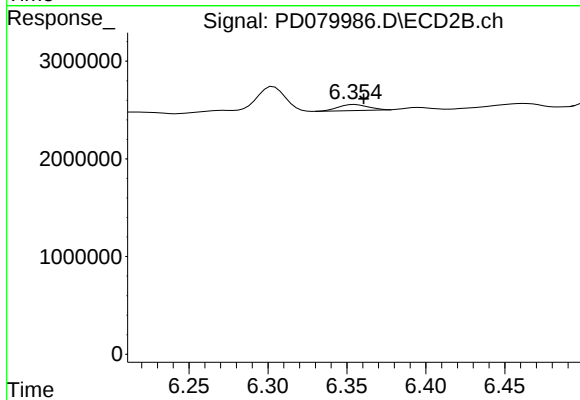
R.T.: 0.000 min  
Exp R.T. : 6.138 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

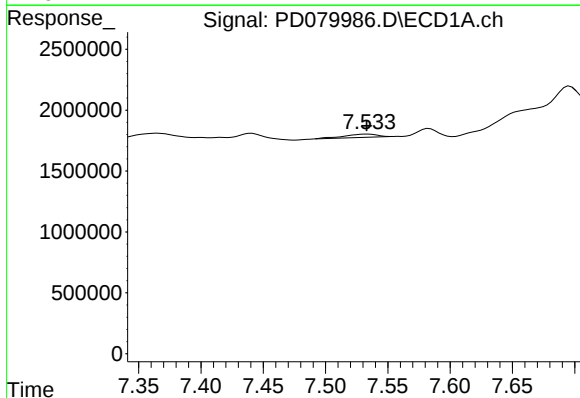
R.T.: 7.202 min  
Delta R.T.: 0.007 min  
Response: 1208093  
Conc: 0.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



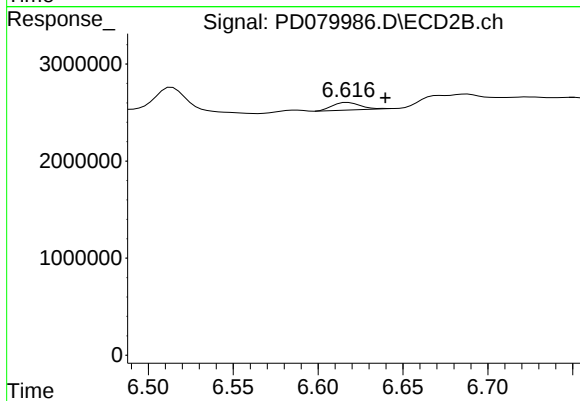
#19 Endosulfan Sulfate

R.T.: 6.355 min  
Delta R.T.: -0.005 min  
Response: 813333  
Conc: 0.30 ng/ml



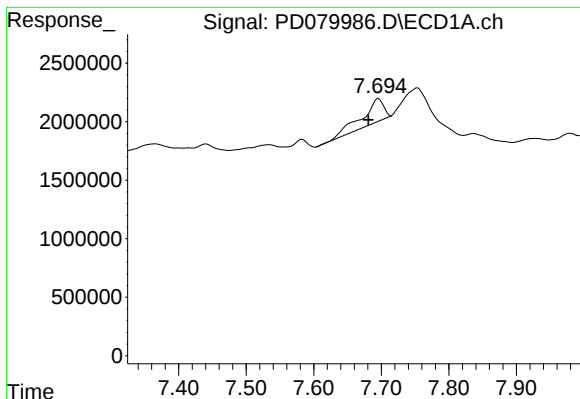
#20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 488800  
Conc: 0.49 ng/ml



#20 Methoxychlor

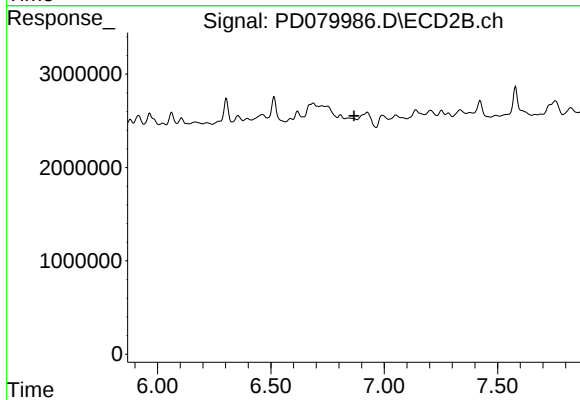
R.T.: 6.618 min  
Delta R.T.: -0.022 min  
Response: 880123  
Conc: 0.60 ng/ml



#21 Endrin ketone

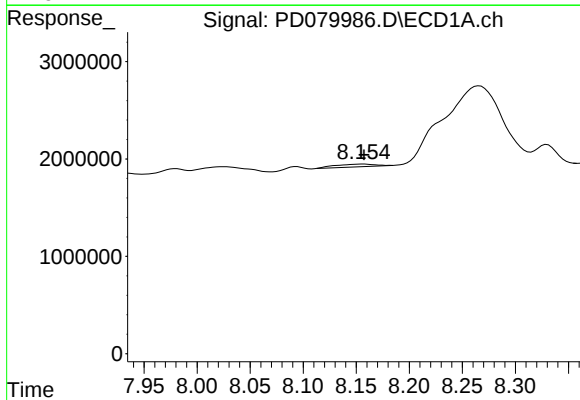
R.T.: 7.696 min  
Delta R.T.: 0.015 min  
Response: 4384627  
Conc: 2.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



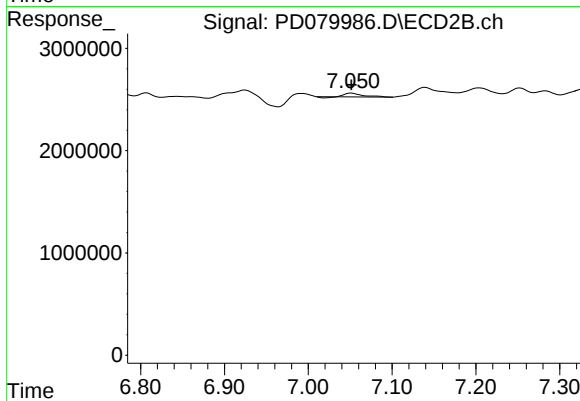
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.867 min  
Response: 0  
Conc: N.D.



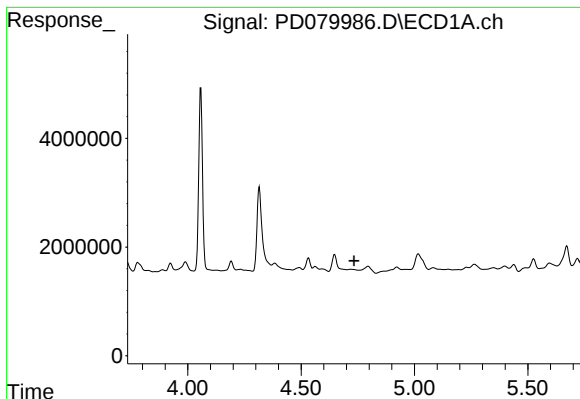
#22 Mirex

R.T.: 8.157 min  
Delta R.T.: 0.000 min  
Response: 727266  
Conc: 0.44 ng/ml



#22 Mirex

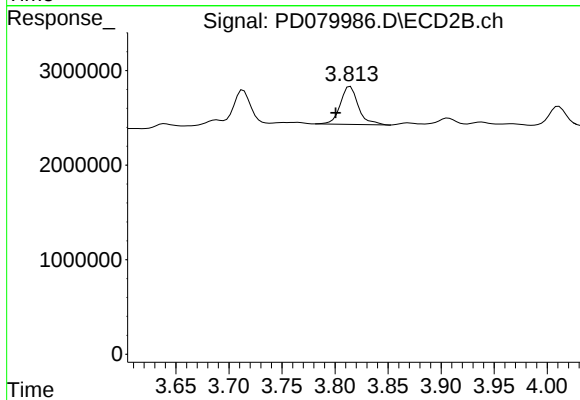
R.T.: 7.052 min  
Delta R.T.: 0.000 min  
Response: 485666  
Conc: 0.20 ng/ml



#23 Chlordane-1

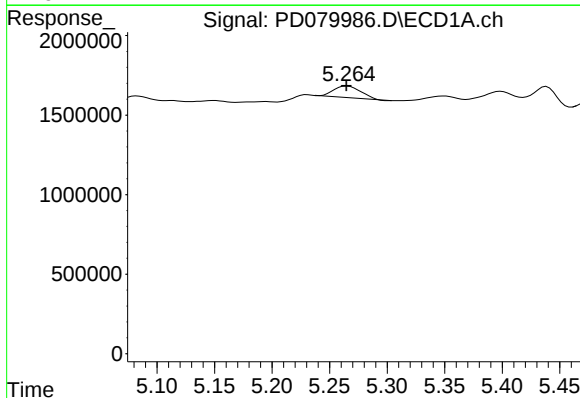
R.T.: 0.000 min  
Exp R.T.: 4.734 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



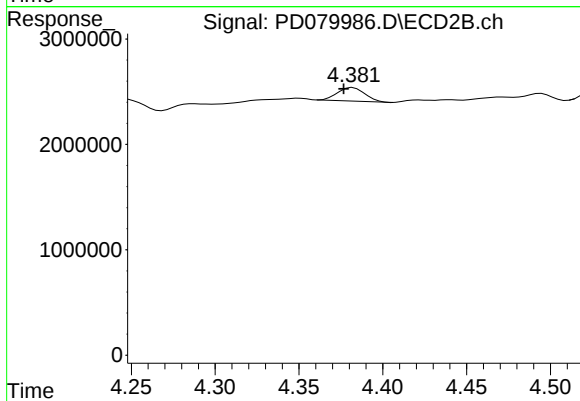
#23 Chlordane-1

R.T.: 3.814 min  
Delta R.T.: 0.014 min  
Response: 4743683  
Conc: 49.28 ng/ml



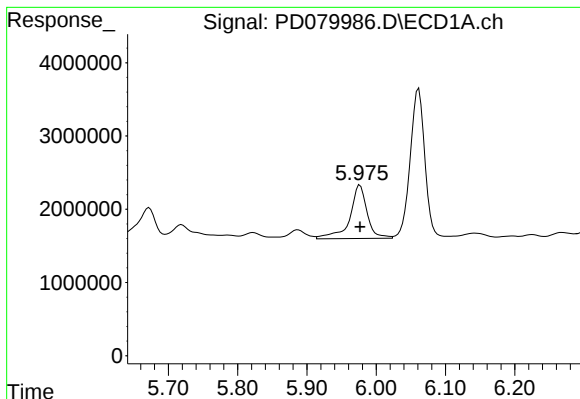
#24 Chlordane-2

R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 1202660  
Conc: 15.73 ng/ml



#24 Chlordane-2

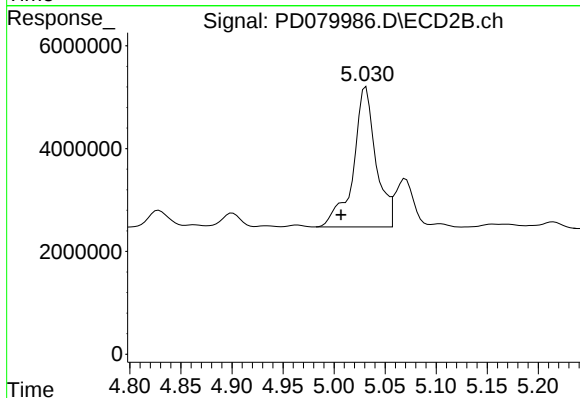
R.T.: 4.382 min  
Delta R.T.: 0.006 min  
Response: 1449337  
Conc: 12.68 ng/ml



#25 Chlordane-3

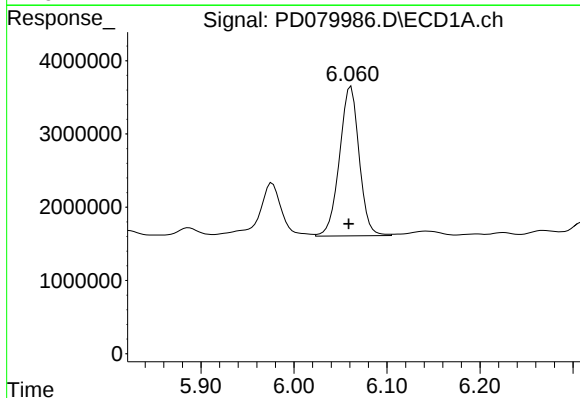
R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 12681847  
Conc: 42.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



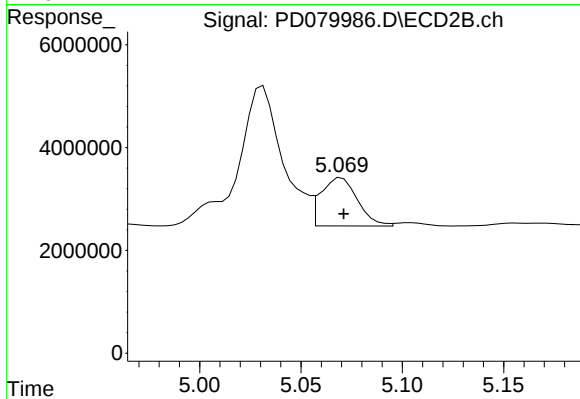
#25 Chlordane-3

R.T.: 5.031 min  
Delta R.T.: 0.024 min  
Response: 41877468  
Conc: 132.93 ng/ml



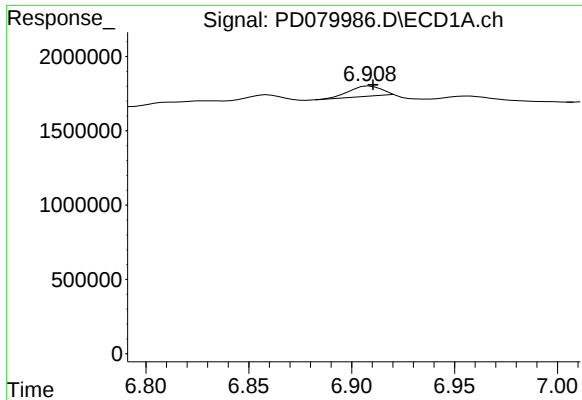
#26 Chlordane-4

R.T.: 6.061 min  
Delta R.T.: 0.002 min  
Response: 29918823  
Conc: 82.61 ng/ml



#26 Chlordane-4

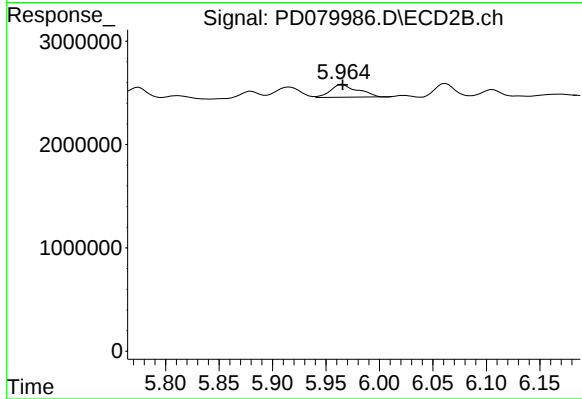
R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 11849486  
Conc: 40.27 ng/ml



#27 Chlordane-5

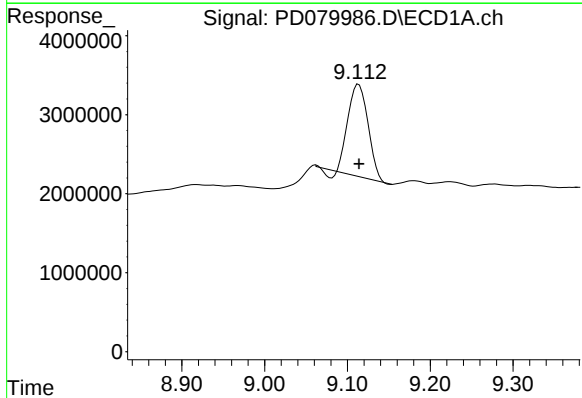
R.T.: 6.909 min  
Delta R.T.: -0.001 min  
Response: 795644  
Conc: 11.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
72-11985



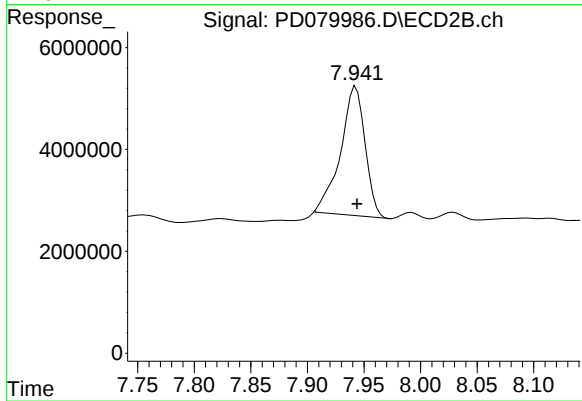
#27 Chlordane-5

R.T.: 5.965 min  
Delta R.T.: 0.000 min  
Response: 2203742  
Conc: 19.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min  
Delta R.T.: 0.000 min  
Response: 19494711  
Conc: 9.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.943 min  
Delta R.T.: 0.000 min  
Response: 38285516  
Conc: 13.58 ng/ml