

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD103023\  
 Data File : PD079230.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2023 13:17  
 Operator : AR\AJ  
 Sample : 05142-01MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 21:23:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 20 04:44:01 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... | 3.570  | 2.806 | 26805073 | 36374087 | 16.602   | 15.710     |
| 28)                         | SA Decachlor... | 9.121  | 7.957 | 27267943 | 34723694 | 13.593   | 14.246     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.027  | 3.309 | 129.6E6  | 173.6E6  | 48.676   | 50.063     |
| 3)                          | MA gamma-BHC... | 4.361  | 3.640 | 129.2E6  | 172.9E6  | 49.716   | 50.921     |
| 4)                          | MA Heptachlor   | 4.954  | 3.983 | 125.4E6  | 163.4E6  | 46.894   | 53.491     |
| 5)                          | MB Aldrin       | 5.298  | 4.264 | 126.0E6  | 166.5E6  | 48.884   | 50.893     |
| 6)                          | B beta-BHC      | 4.554  | 3.934 | 49960814 | 68912681 | 46.623   | 48.905     |
| 7)                          | B delta-BHC     | 4.803  | 4.166 | 125.3E6  | 171.8E6  | 46.799   | 51.321     |
| 8)                          | B Heptachlo...  | 5.724  | 4.766 | 112.5E6  | 149.1E6  | 47.999   | 50.304     |
| 9)                          | A Endosulfan I  | 6.111  | 5.137 | 104.2E6  | 129.0E6  | 48.076   | 48.729     |
| 10)                         | B gamma-Chl...  | 5.980  | 5.017 | 108.7E6  | 144.2E6  | 47.409   | 50.252     |
| 11)                         | B alpha-Chl...  | 6.060  | 5.081 | 109.8E6  | 140.4E6  | 48.155   | 48.910     |
| 12)                         | B 4,4'-DDE      | 6.231  | 5.270 | 100.2E6  | 139.1E6  | 47.424   | 52.255     |
| 13)                         | MA Dieldrin     | 6.387  | 5.402 | 112.7E6  | 151.4E6  | 48.397   | 50.970     |
| 14)                         | MA Endrin       | 6.617  | 5.677 | 94412732 | 135.5E6  | 48.476   | 52.966     |
| 15)                         | B Endosulfa...  | 6.834  | 5.969 | 94826259 | 127.3E6  | 46.492   | 51.010     |
| 16)                         | A 4,4'-DDD      | 6.748  | 5.824 | 85413279 | 117.6E6  | 48.587   | 51.495     |
| 17)                         | MA 4,4'-DDT     | 7.064  | 6.076 | 86505459 | 114.6E6  | 45.681   | 50.061     |
| 18)                         | B Endrin al...  | 6.965  | 6.149 | 67687093 | 91684265 | 43.830   | 49.311     |
| 19)                         | B Endosulfa...  | 7.200  | 6.371 | 91255854 | 115.8E6  | 45.900   | 49.598     |
| 20)                         | A Methoxychlor  | 7.537  | 6.651 | 47639946 | 61138749 | 43.476   | 45.033     |
| 21)                         | B Endrin ke...  | 7.687  | 6.878 | 101.3E6  | 137.2E6  | 46.474   | 49.087     |
| 22)                         | Mirex           | 8.164  | 7.064 | 85255730 | 117.8E6  | 50.368   | 55.132     |
| 23)                         | Chlordane-1     | 4.721f | 3.810 | 816901   | 1069103  | 10.507   | 12.309     |
| 24)                         | Chlordane-2     | 5.298f | 0.000 | 126.0E6  | 0        | 1577.959 | N.D. #     |
| 25)                         | Chlordane-3     | 5.980  | 5.017 | 108.7E6  | 144.2E6  | 350.629  | 540.594 #  |
| 26)                         | Chlordane-4     | 6.060  | 5.081 | 109.8E6  | 140.4E6  | 295.548  | 572.026 #  |
| 27)                         | Chlordane-5     | 6.899  | 5.969 | 218898   | 127.3E6  | 3.115    | 1277.751 # |
| -----                       |                 |        |       |          |          |          |            |

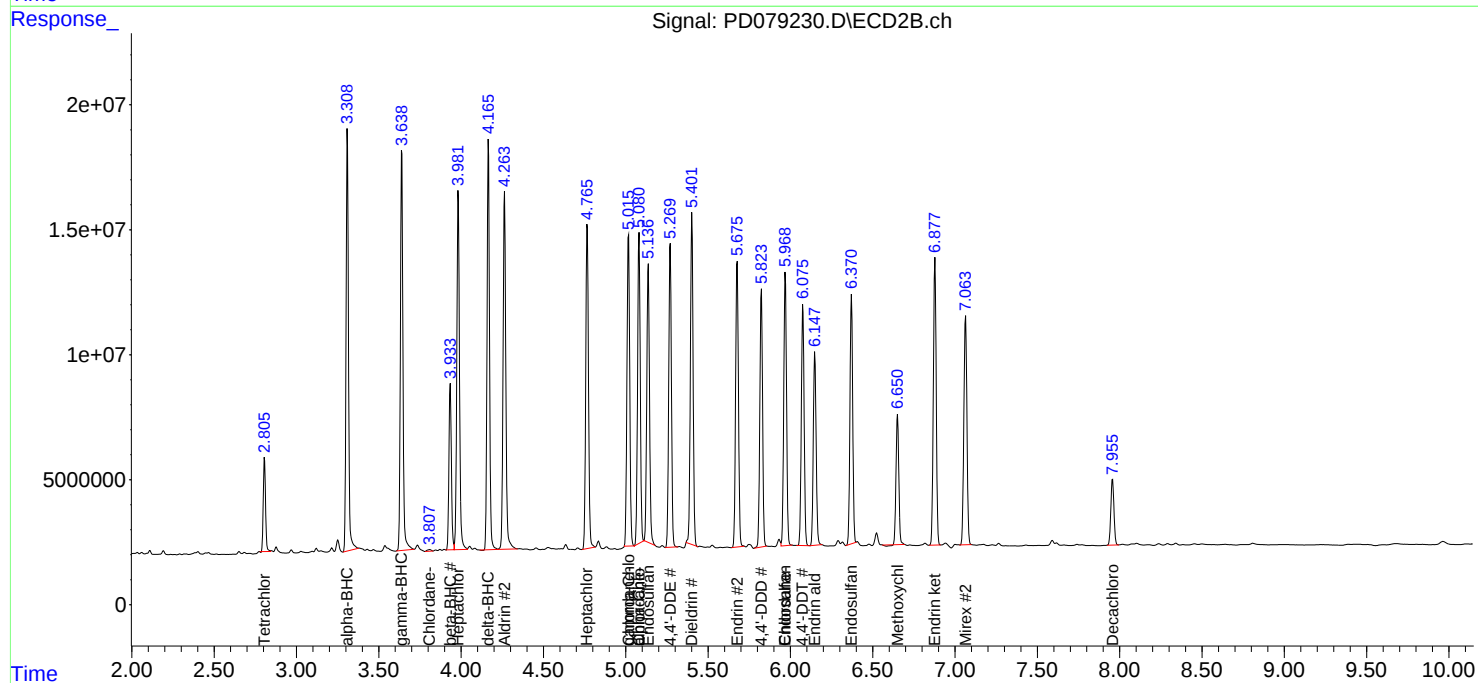
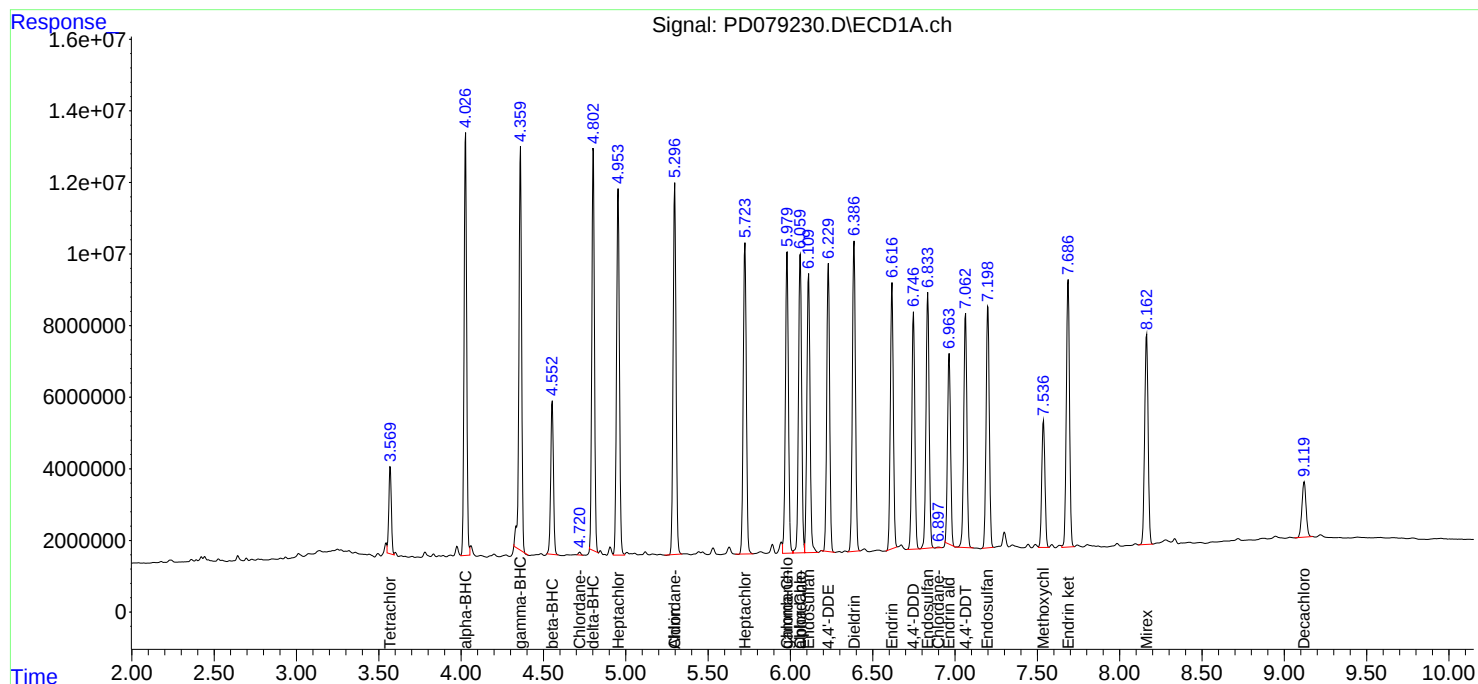
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

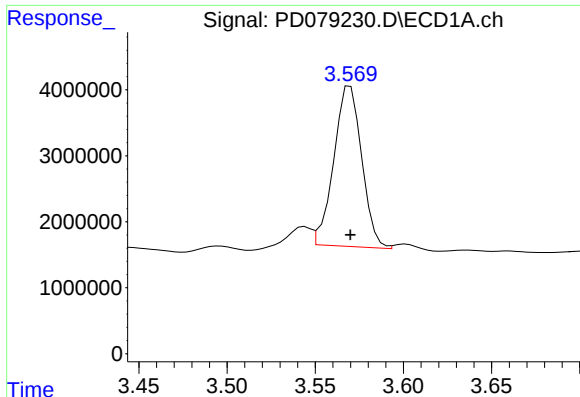
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD103023\  
Data File : PD079230.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2023 13:17  
Operator : AR\AJ  
Sample : 05142-01MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 21:23:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102023.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 20 04:44:01 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

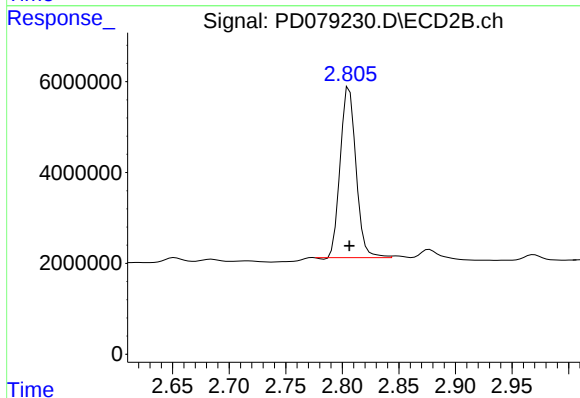




#1 Tetrachloro-m-xylene

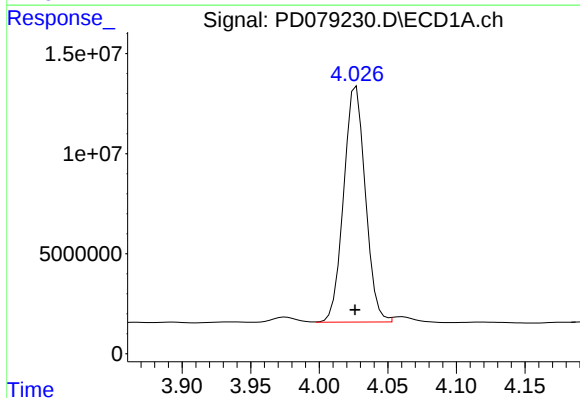
R.T.: 3.570 min  
Delta R.T.: 0.000 min  
Response: 26805073  
Conc: 16.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



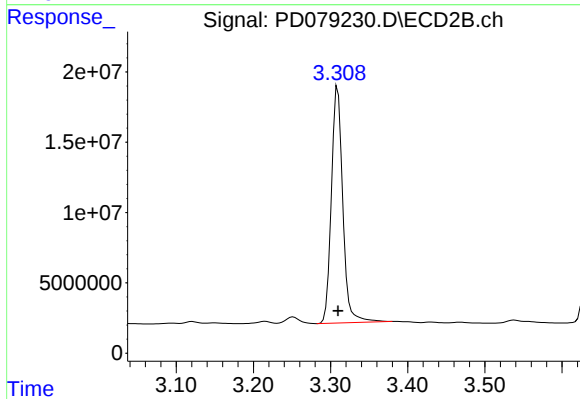
#1 Tetrachloro-m-xylene

R.T.: 2.806 min  
Delta R.T.: 0.000 min  
Response: 36374087  
Conc: 15.71 ng/ml



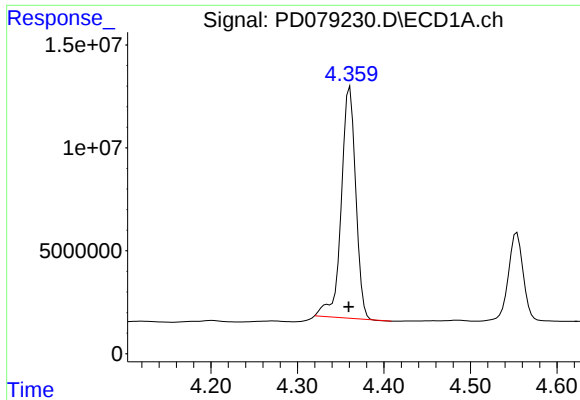
#2 alpha-BHC

R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 129579652  
Conc: 48.68 ng/ml



#2 alpha-BHC

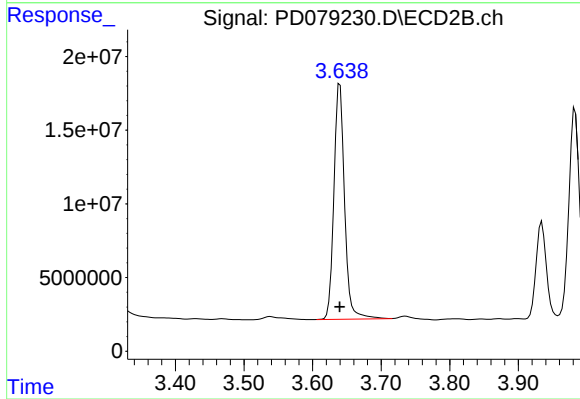
R.T.: 3.309 min  
Delta R.T.: 0.000 min  
Response: 173591472  
Conc: 50.06 ng/ml



#3 gamma-BHC (Lindane)

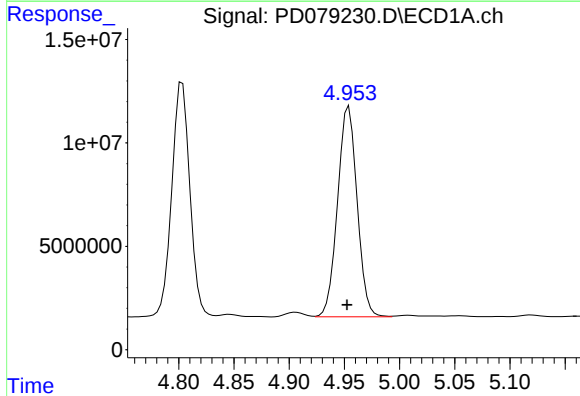
R.T.: 4.361 min  
Delta R.T.: 0.001 min  
Response: 129202828  
Conc: 49.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



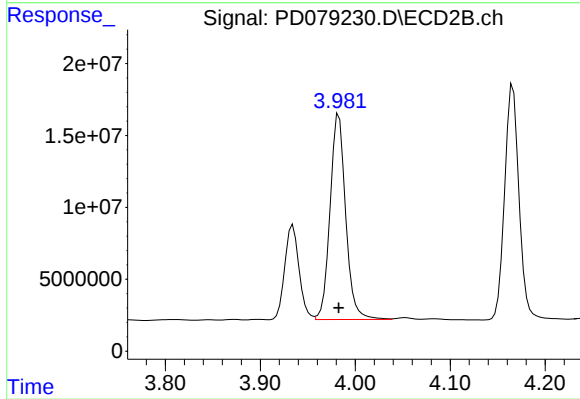
#3 gamma-BHC (Lindane)

R.T.: 3.640 min  
Delta R.T.: 0.000 min  
Response: 172917019  
Conc: 50.92 ng/ml



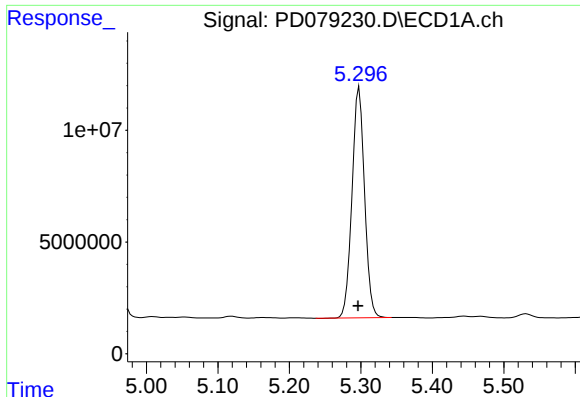
#4 Heptachlor

R.T.: 4.954 min  
Delta R.T.: 0.002 min  
Response: 125439374  
Conc: 46.89 ng/ml



#4 Heptachlor

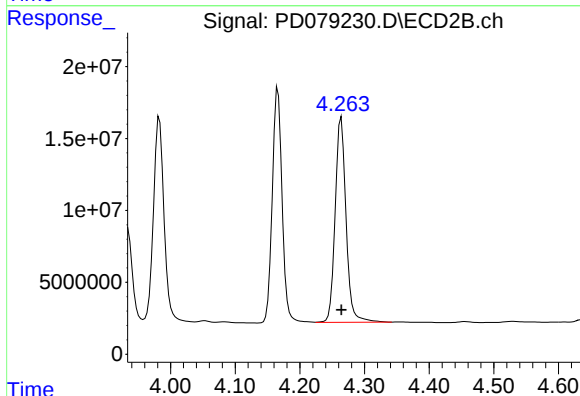
R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 163369106  
Conc: 53.49 ng/ml



#5 Aldrin

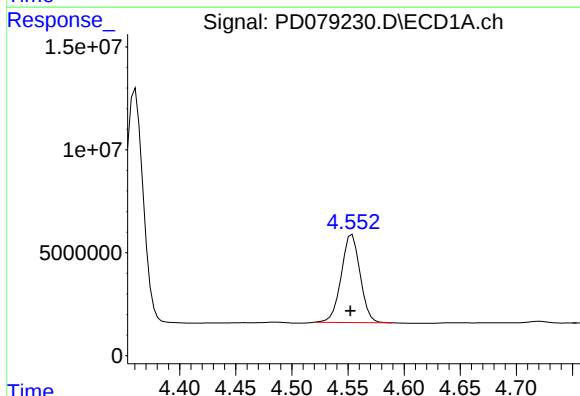
R.T.: 5.298 min  
Delta R.T.: 0.002 min  
Response: 125965192  
Conc: 48.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



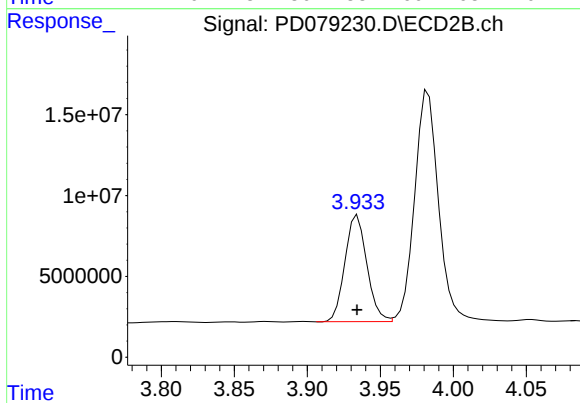
#5 Aldrin

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 166489333  
Conc: 50.89 ng/ml



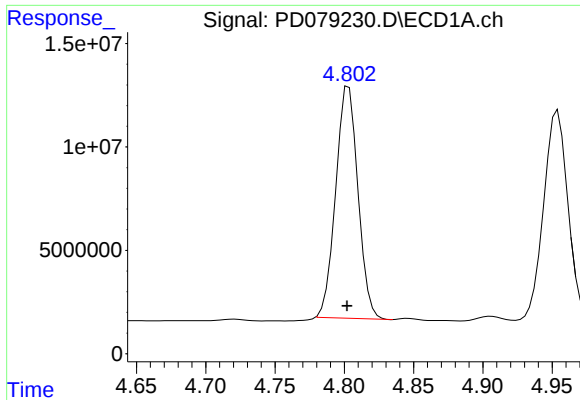
#6 beta-BHC

R.T.: 4.554 min  
Delta R.T.: 0.002 min  
Response: 49960814  
Conc: 46.62 ng/ml



#6 beta-BHC

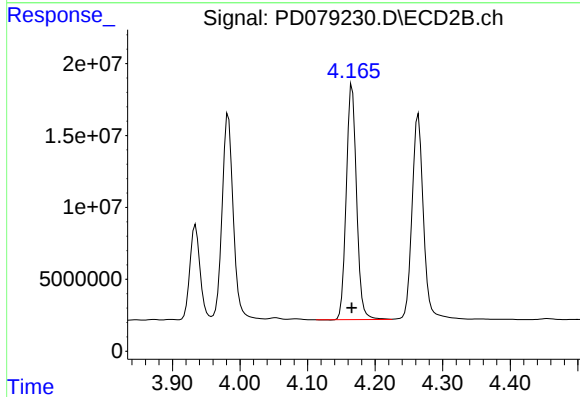
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 68912681  
Conc: 48.91 ng/ml



#7 delta-BHC

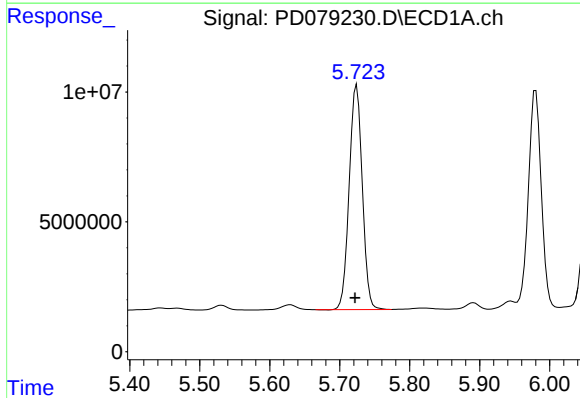
R.T.: 4.803 min  
Delta R.T.: 0.001 min  
Response: 125283348  
Conc: 46.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



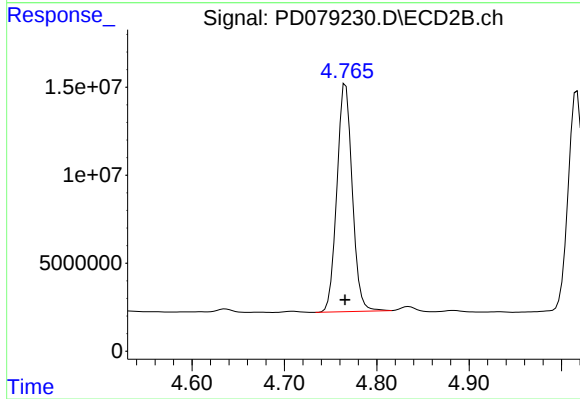
#7 delta-BHC

R.T.: 4.166 min  
Delta R.T.: 0.000 min  
Response: 171835165  
Conc: 51.32 ng/ml



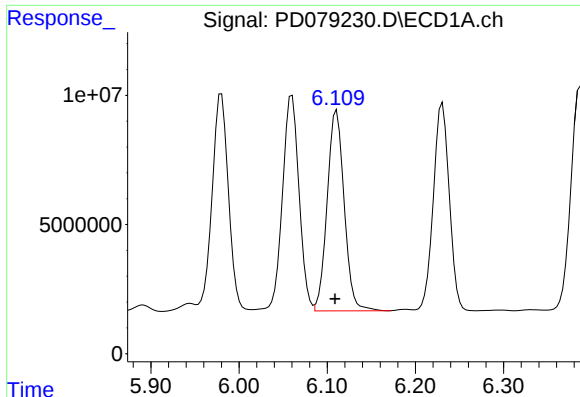
#8 Heptachlor epoxide

R.T.: 5.724 min  
Delta R.T.: 0.002 min  
Response: 112494990  
Conc: 48.00 ng/ml



#8 Heptachlor epoxide

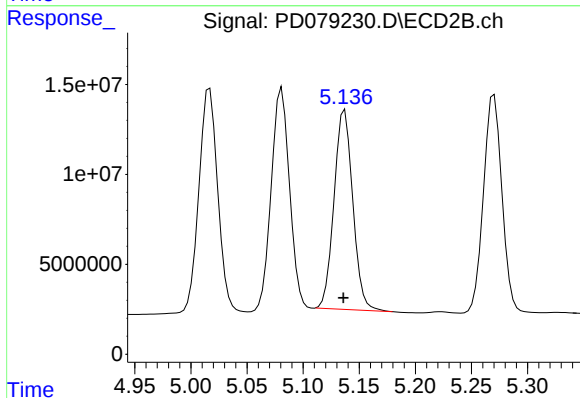
R.T.: 4.766 min  
Delta R.T.: 0.000 min  
Response: 149135821  
Conc: 50.30 ng/ml



#9 Endosulfan I

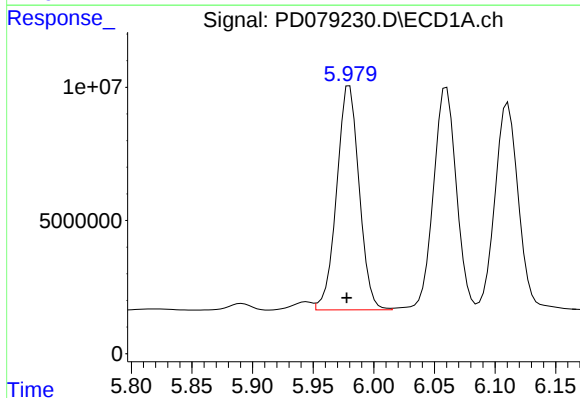
R.T.: 6.111 min  
Delta R.T.: 0.002 min  
Response: 104226670  
Conc: 48.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



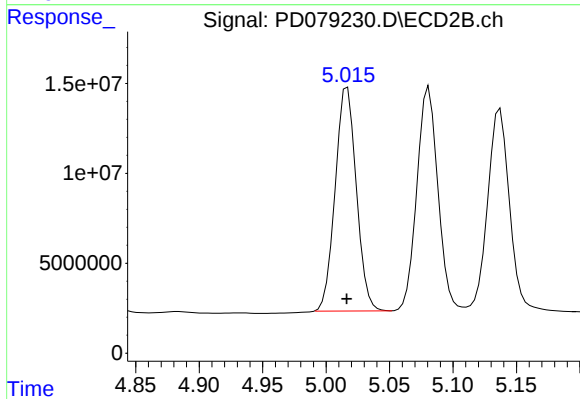
#9 Endosulfan I

R.T.: 5.137 min  
Delta R.T.: 0.001 min  
Response: 129020736  
Conc: 48.73 ng/ml



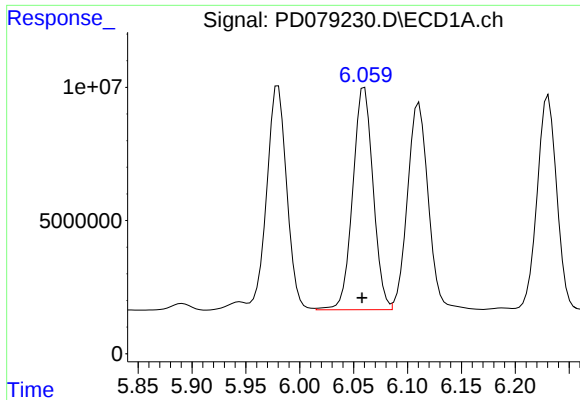
#10 gamma-Chlordane

R.T.: 5.980 min  
Delta R.T.: 0.002 min  
Response: 108696595  
Conc: 47.41 ng/ml



#10 gamma-Chlordane

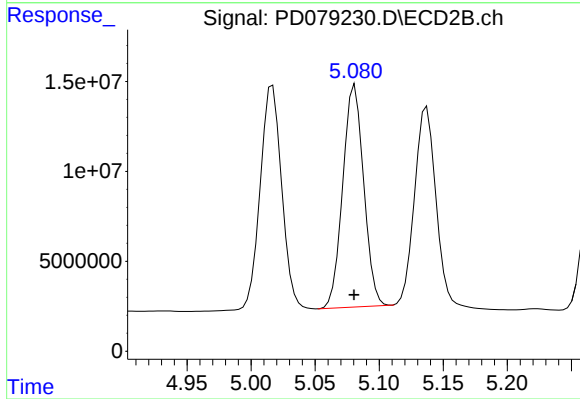
R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 144193647  
Conc: 50.25 ng/ml



#11 alpha-Chlordane

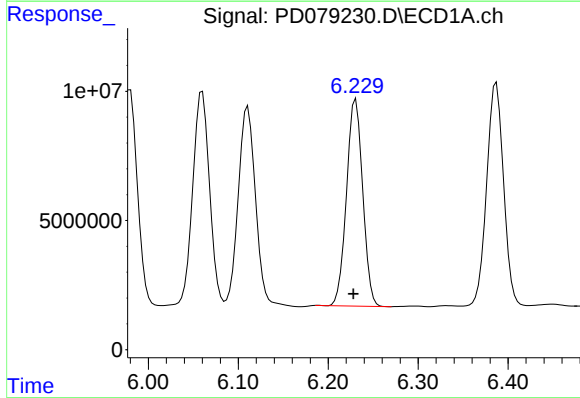
R.T.: 6.060 min  
Delta R.T.: 0.002 min  
Response: 109803405  
Conc: 48.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



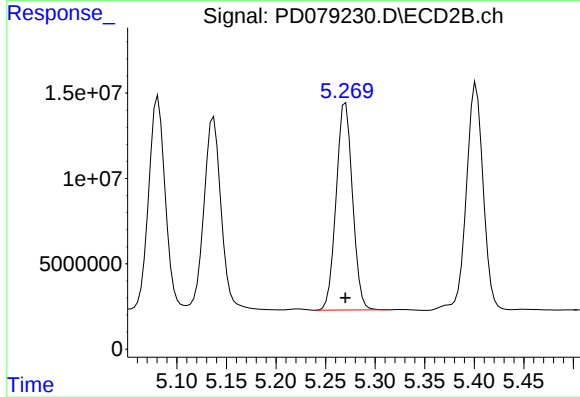
#11 alpha-Chlordane

R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 140363178  
Conc: 48.91 ng/ml



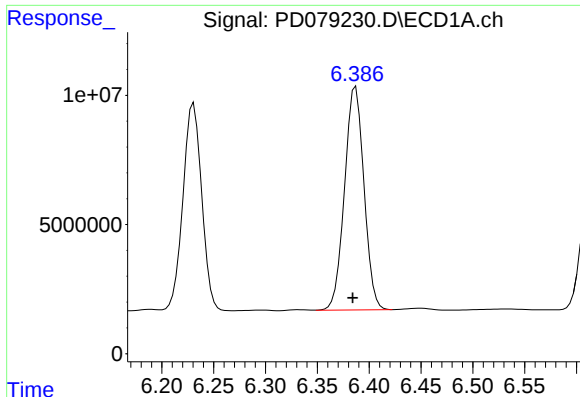
#12 4,4'-DDE

R.T.: 6.231 min  
Delta R.T.: 0.002 min  
Response: 100211628  
Conc: 47.42 ng/ml



#12 4,4'-DDE

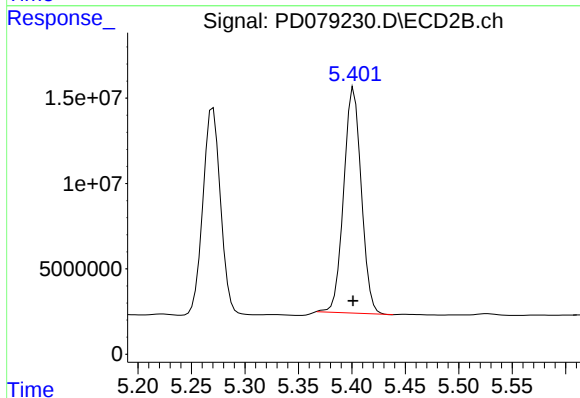
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 139123350  
Conc: 52.26 ng/ml



#13 Dieldrin

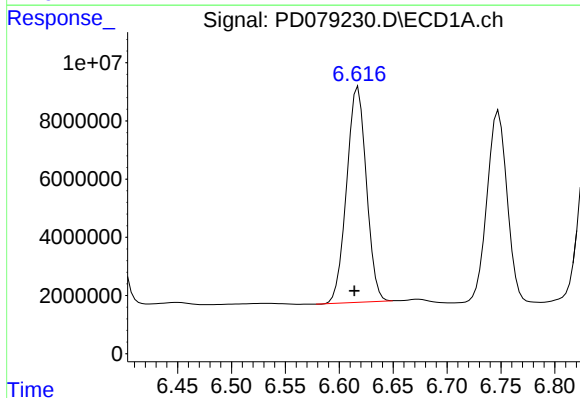
R.T.: 6.387 min  
Delta R.T.: 0.003 min  
Response: 112708295  
Conc: 48.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



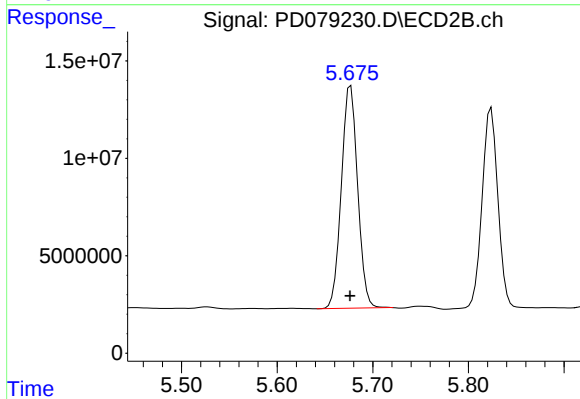
#13 Dieldrin

R.T.: 5.402 min  
Delta R.T.: 0.000 min  
Response: 151376046  
Conc: 50.97 ng/ml



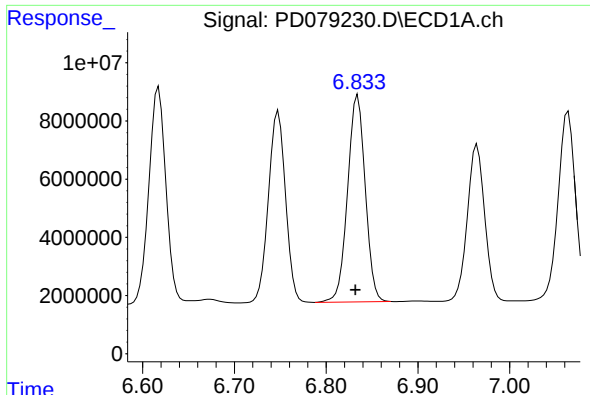
#14 Endrin

R.T.: 6.617 min  
Delta R.T.: 0.003 min  
Response: 94412732  
Conc: 48.48 ng/ml



#14 Endrin

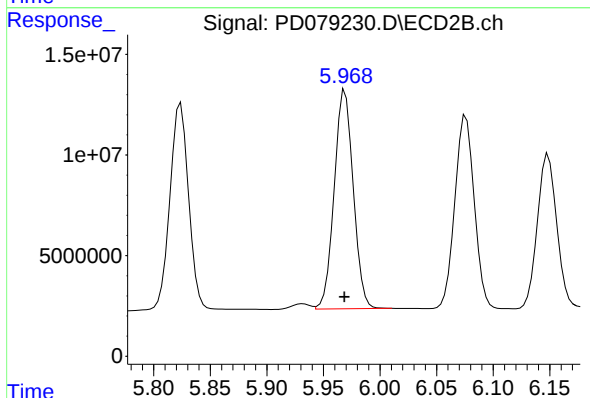
R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 135547668  
Conc: 52.97 ng/ml



#15 Endosulfan II

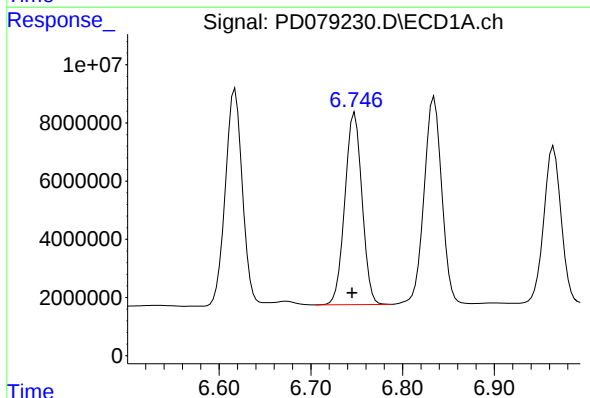
R.T.: 6.834 min  
Delta R.T.: 0.003 min  
Response: 94826259  
Conc: 46.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



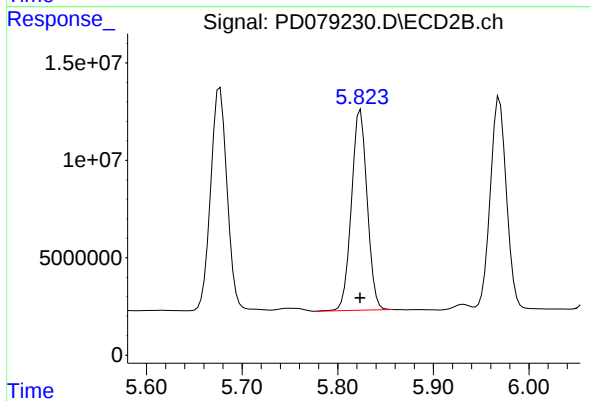
#15 Endosulfan II

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 127345998  
Conc: 51.01 ng/ml



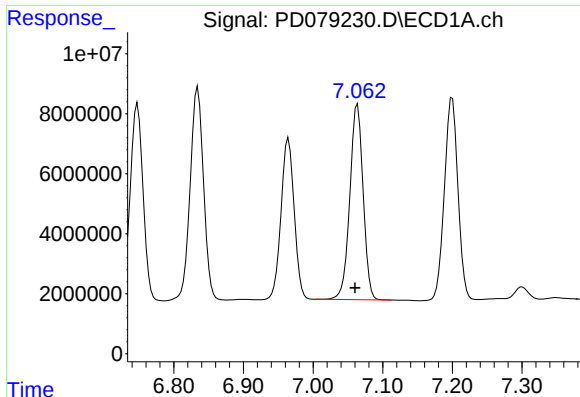
#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.003 min  
Response: 85413279  
Conc: 48.59 ng/ml



#16 4,4'-DDD

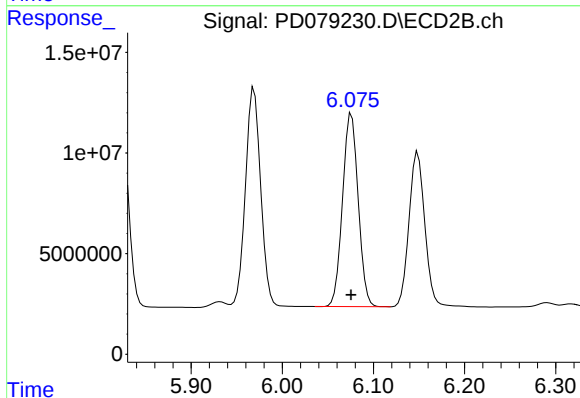
R.T.: 5.824 min  
Delta R.T.: 0.000 min  
Response: 117628180  
Conc: 51.50 ng/ml



#17 4,4'-DDT

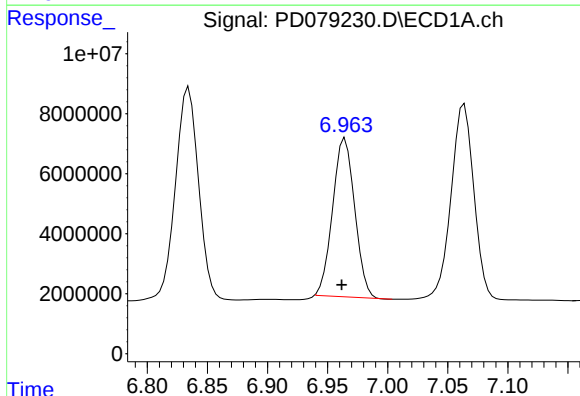
R.T.: 7.064 min  
Delta R.T.: 0.004 min  
Response: 86505459  
Conc: 45.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



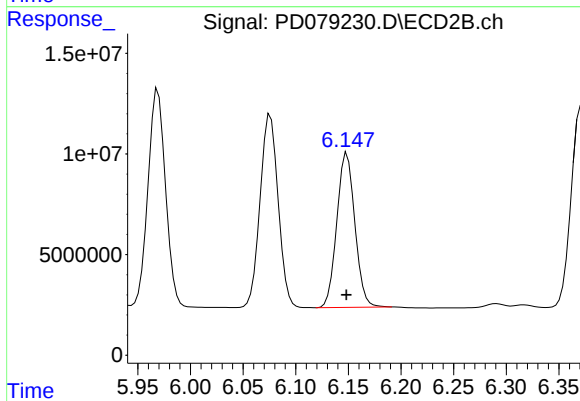
#17 4,4'-DDT

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 114609058  
Conc: 50.06 ng/ml



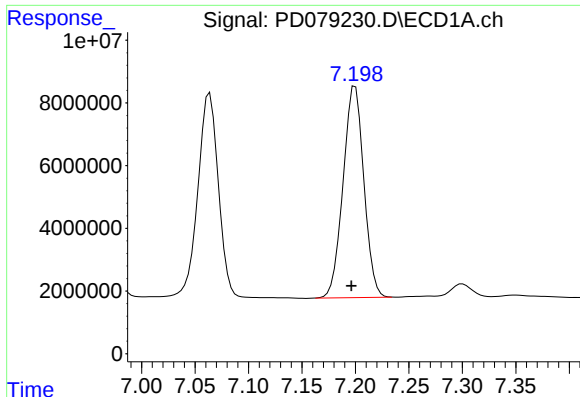
#18 Endrin aldehyde

R.T.: 6.965 min  
Delta R.T.: 0.003 min  
Response: 67687093  
Conc: 43.83 ng/ml



#18 Endrin aldehyde

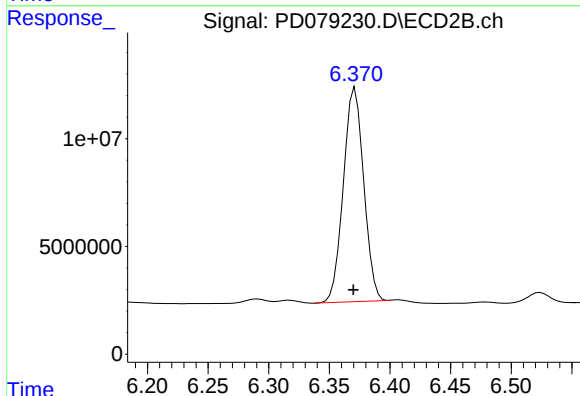
R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 91684265  
Conc: 49.31 ng/ml



#19 Endosulfan Sulfate

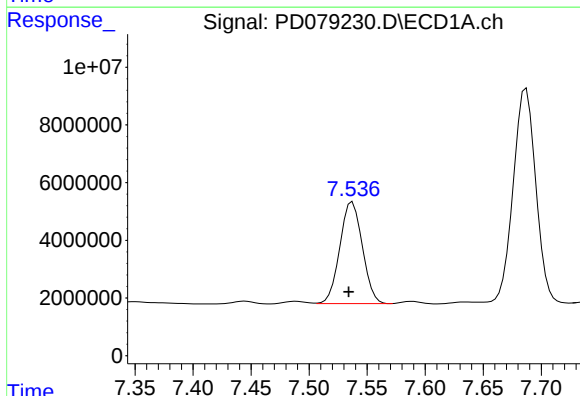
R.T.: 7.200 min  
Delta R.T.: 0.004 min  
Response: 91255854  
Conc: 45.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



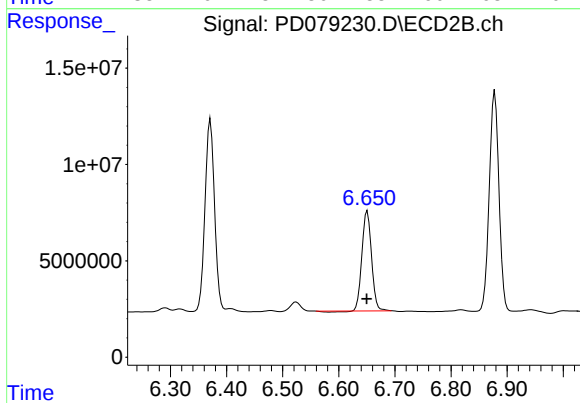
#19 Endosulfan Sulfate

R.T.: 6.371 min  
Delta R.T.: 0.001 min  
Response: 115801743  
Conc: 49.60 ng/ml



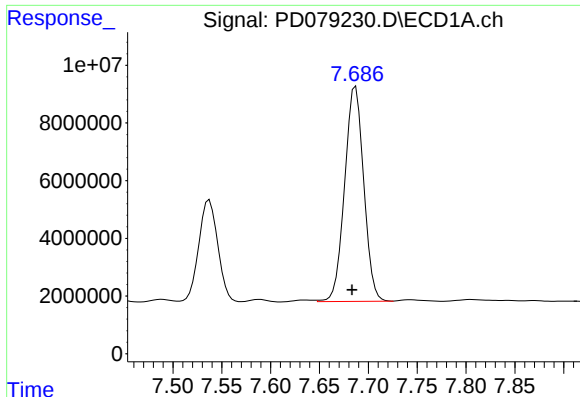
#20 Methoxychlor

R.T.: 7.537 min  
Delta R.T.: 0.003 min  
Response: 47639946  
Conc: 43.48 ng/ml



#20 Methoxychlor

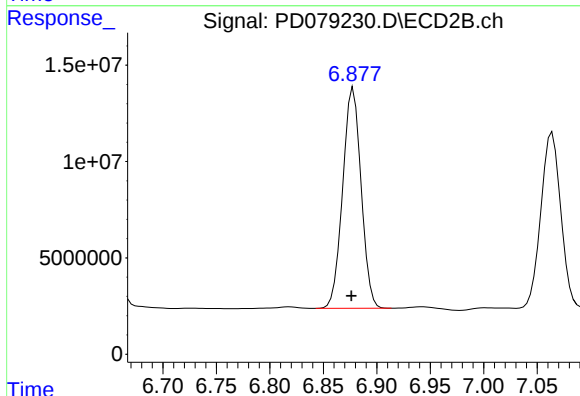
R.T.: 6.651 min  
Delta R.T.: 0.000 min  
Response: 61138749  
Conc: 45.03 ng/ml



#21 Endrin ketone

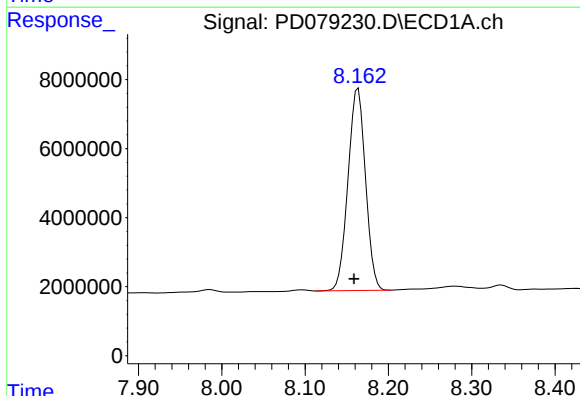
R.T.: 7.687 min  
Delta R.T.: 0.004 min  
Response: 101321094  
Conc: 46.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



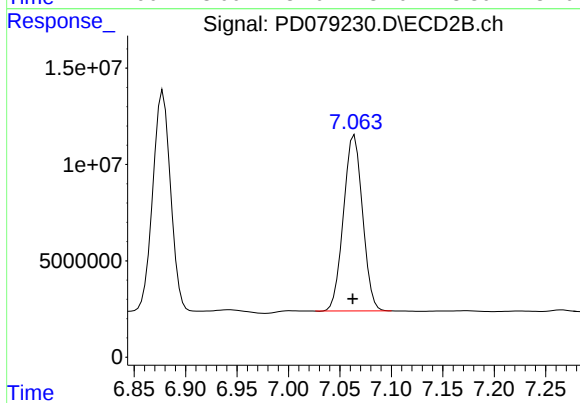
#21 Endrin ketone

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 137233018  
Conc: 49.09 ng/ml



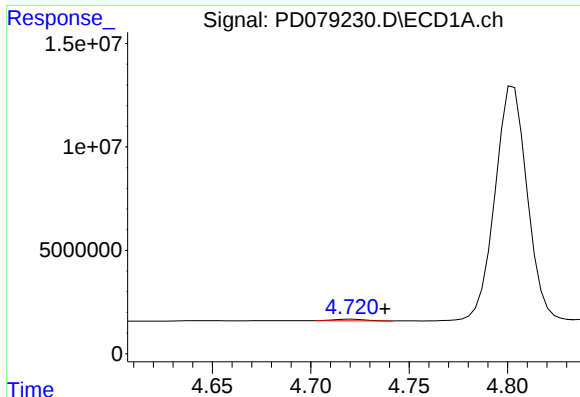
#22 Mirex

R.T.: 8.164 min  
Delta R.T.: 0.005 min  
Response: 85255730  
Conc: 50.37 ng/ml



#22 Mirex

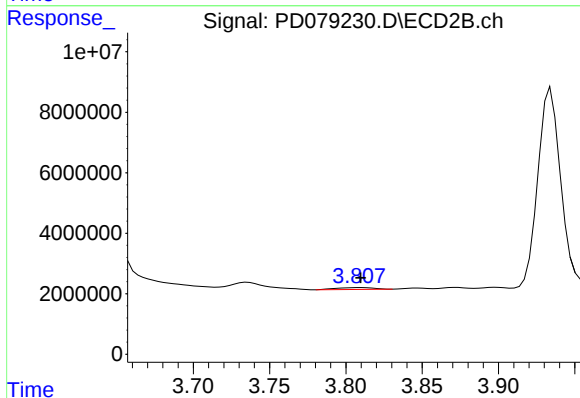
R.T.: 7.064 min  
Delta R.T.: 0.002 min  
Response: 117780033  
Conc: 55.13 ng/ml



#23 Chlordane-1

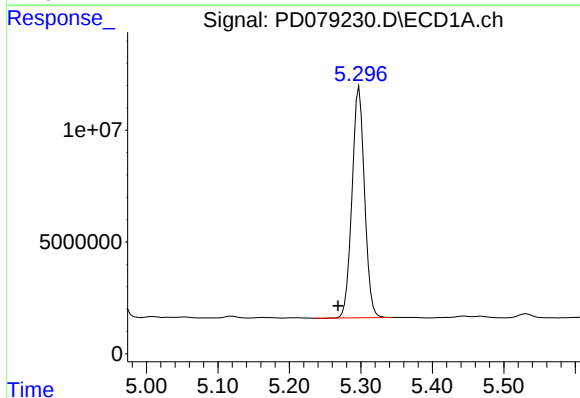
R.T.: 4.721 min  
Delta R.T.: -0.017 min  
Response: 816901  
Conc: 10.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



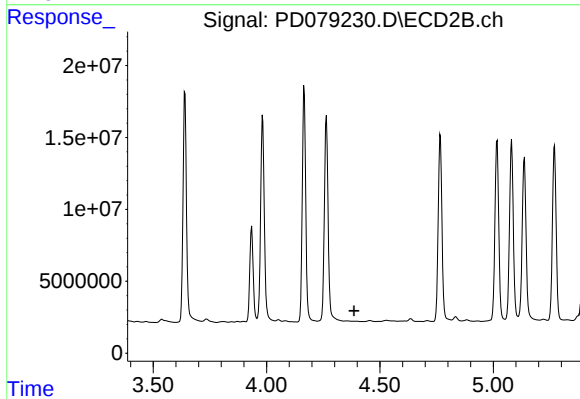
#23 Chlordane-1

R.T.: 3.810 min  
Delta R.T.: 0.000 min  
Response: 1069103  
Conc: 12.31 ng/ml



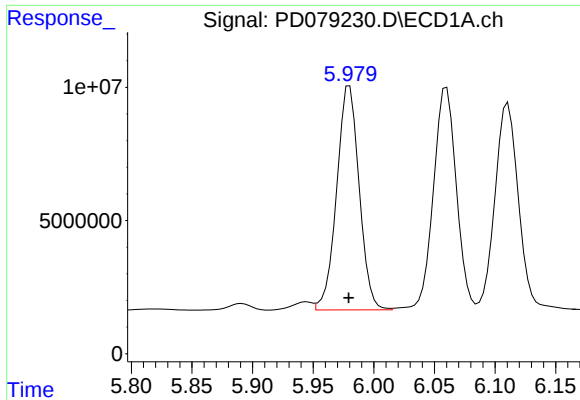
#24 Chlordane-2

R.T.: 5.298 min  
Delta R.T.: 0.030 min  
Response: 125965192  
Conc: 1577.96 ng/ml



#24 Chlordane-2

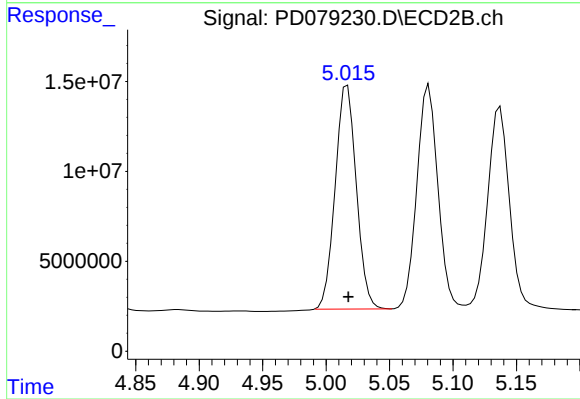
R.T.: 0.000 min  
Exp R.T. : 4.386 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

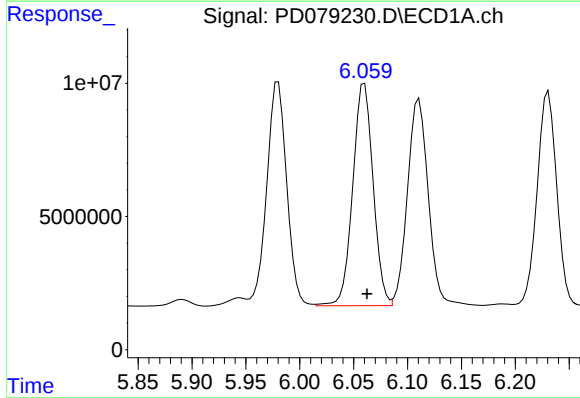
R.T.: 5.980 min  
Delta R.T.: 0.000 min  
Response: 108696595  
Conc: 350.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



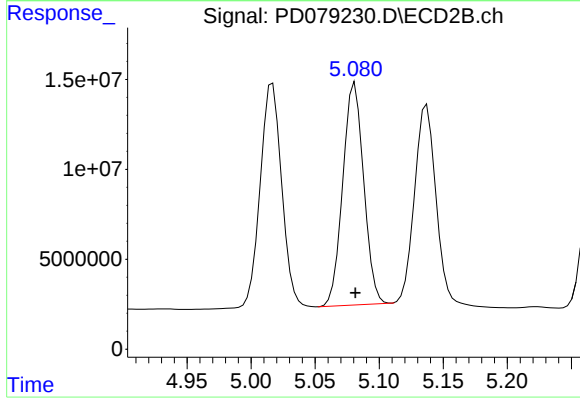
#25 Chlordane-3

R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 144193647  
Conc: 540.59 ng/ml



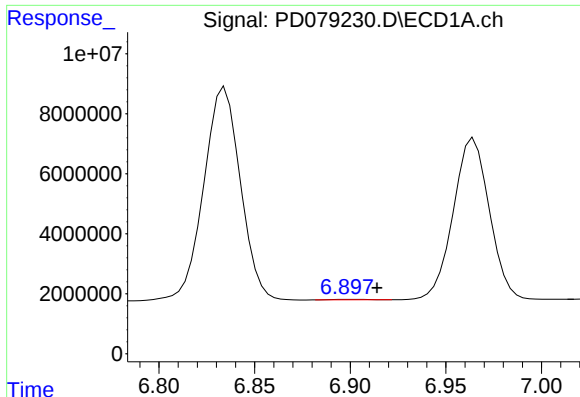
#26 Chlordane-4

R.T.: 6.060 min  
Delta R.T.: -0.002 min  
Response: 109803405  
Conc: 295.55 ng/ml



#26 Chlordane-4

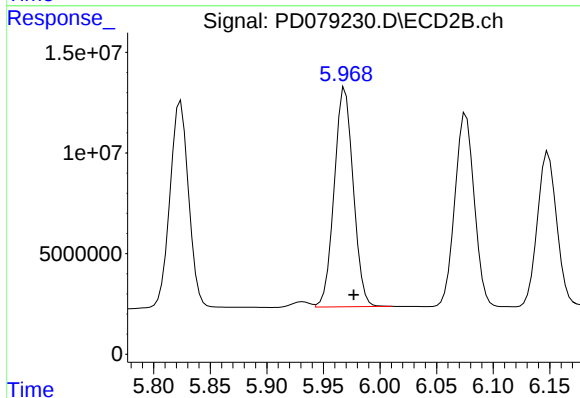
R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 140363178  
Conc: 572.03 ng/ml



#27 Chlordane-5

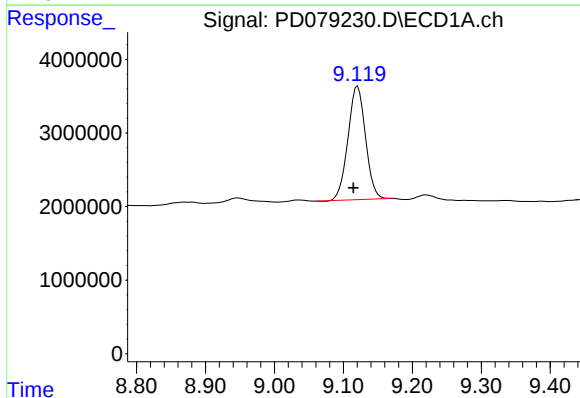
R.T.: 6.899 min  
Delta R.T.: -0.015 min  
Response: 218898  
Conc: 3.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



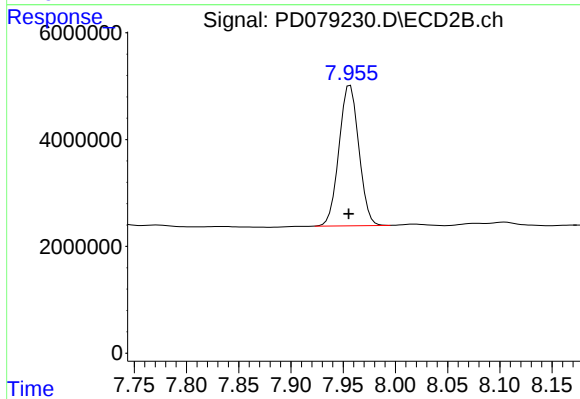
#27 Chlordane-5

R.T.: 5.969 min  
Delta R.T.: -0.008 min  
Response: 127345998  
Conc: 1277.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: 0.006 min  
Response: 27267943  
Conc: 13.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.957 min  
Delta R.T.: 0.001 min  
Response: 34723694  
Conc: 14.25 ng/ml