

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102623\  
 Data File : PD079175.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Oct 2023 13:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 26 22:52:21 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... | 3.576 | 2.805 | 80161497 | 120.0E6  | 49.648  | 51.846     |
| 2)                          | SA Decachlor... | 9.122 | 7.956 | 94958557 | 129.5E6  | 47.337  | 53.139     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.033 | 3.309 | 138.5E6  | 187.8E6  | 52.033  | 54.173     |
| 3)                          | MA gamma-BHC... | 4.367 | 3.639 | 136.9E6  | 184.4E6  | 52.677  | 54.310     |
| 4)                          | MA Heptachlor   | 4.960 | 3.982 | 137.7E6  | 171.7E6  | 51.460  | 56.205     |
| 5)                          | MB Aldrin       | 5.303 | 4.264 | 134.0E6  | 179.5E6  | 51.987  | 54.862     |
| 6)                          | B beta-BHC      | 4.559 | 3.934 | 54679105 | 74599971 | 51.026  | 52.941     |
| 7)                          | B delta-BHC     | 4.809 | 4.166 | 141.4E6  | 187.1E6  | 52.823  | 55.888     |
| 8)                          | B Heptachlo...  | 5.730 | 4.766 | 122.1E6  | 160.6E6  | 52.081  | 54.169     |
| 9)                          | A Endosulfan I  | 6.116 | 5.136 | 110.8E6  | 140.2E6  | 51.124  | 52.966     |
| 10)                         | B gamma-Chl...  | 5.985 | 5.017 | 118.8E6  | 154.9E6  | 51.813  | 53.992     |
| 11)                         | B alpha-Chl...  | 6.065 | 5.081 | 117.3E6  | 152.8E6  | 51.461  | 53.248     |
| 12)                         | B 4,4'-DDE      | 6.236 | 5.270 | 109.0E6  | 148.5E6  | 51.564  | 55.788     |
| 13)                         | MA Dieldrin     | 6.392 | 5.401 | 119.0E6  | 164.6E6  | 51.091  | 55.431     |
| 14)                         | MA Endrin       | 6.622 | 5.677 | 98785573 | 144.6E6  | 50.721  | 56.490     |
| 15)                         | B Endosulfa...  | 6.839 | 5.969 | 102.5E6  | 137.1E6  | 50.251  | 54.924     |
| 16)                         | A 4,4'-DDD      | 6.753 | 5.824 | 90003259 | 127.2E6  | 51.198  | 55.664     |
| 17)                         | MA 4,4'-DDT     | 7.068 | 6.076 | 96591907 | 129.5E6  | 51.008  | 56.556     |
| 18)                         | B Endrin al...  | 6.969 | 6.149 | 77469912 | 102.6E6  | 50.165  | 55.159     |
| 19)                         | B Endosulfa...  | 7.203 | 6.371 | 99941496 | 129.3E6  | 50.269  | 55.372     |
| 20)                         | A Methoxychlor  | 7.541 | 6.651 | 53923489 | 73845083 | 49.210  | 54.393     |
| 21)                         | B Endrin ke...  | 7.689 | 6.878 | 112.3E6  | 153.5E6  | 51.494  | 54.890     |
| 22)                         | Mirex           | 8.166 | 7.064 | 80672206 | 116.0E6  | 47.660  | 54.318     |
| 24)                         | Chlordane-2     | 0.000 | 4.398 | 0        | 498694   | N.D.    | 5.489 #    |
| 25)                         | Chlordane-3     | 5.985 | 5.017 | 118.8E6  | 154.9E6  | 383.195 | 580.830 #  |
| 26)                         | Chlordane-4     | 6.065 | 5.081 | 117.3E6  | 152.8E6  | 315.840 | 622.763 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.969 | 0        | 137.1E6  | N.D.    | 1375.797 # |
| -----                       |                 |       |       |          |          |         |            |

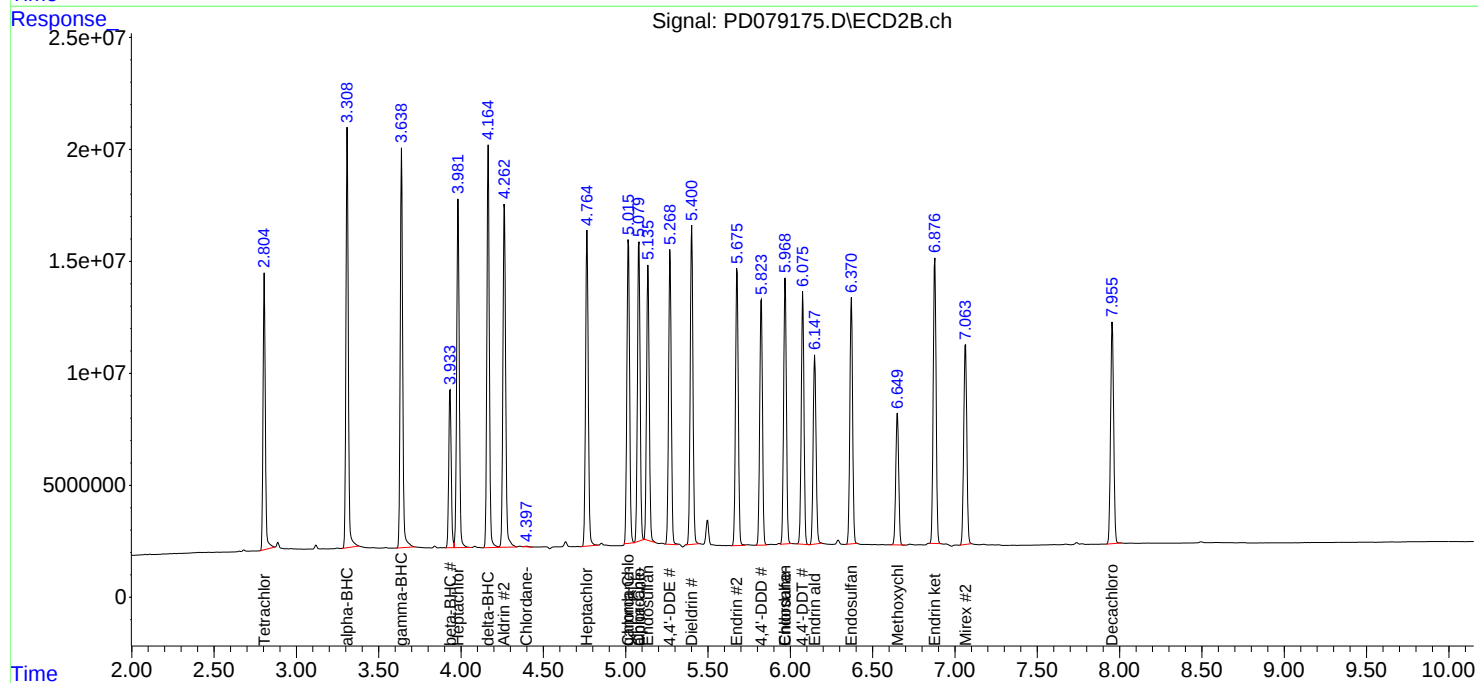
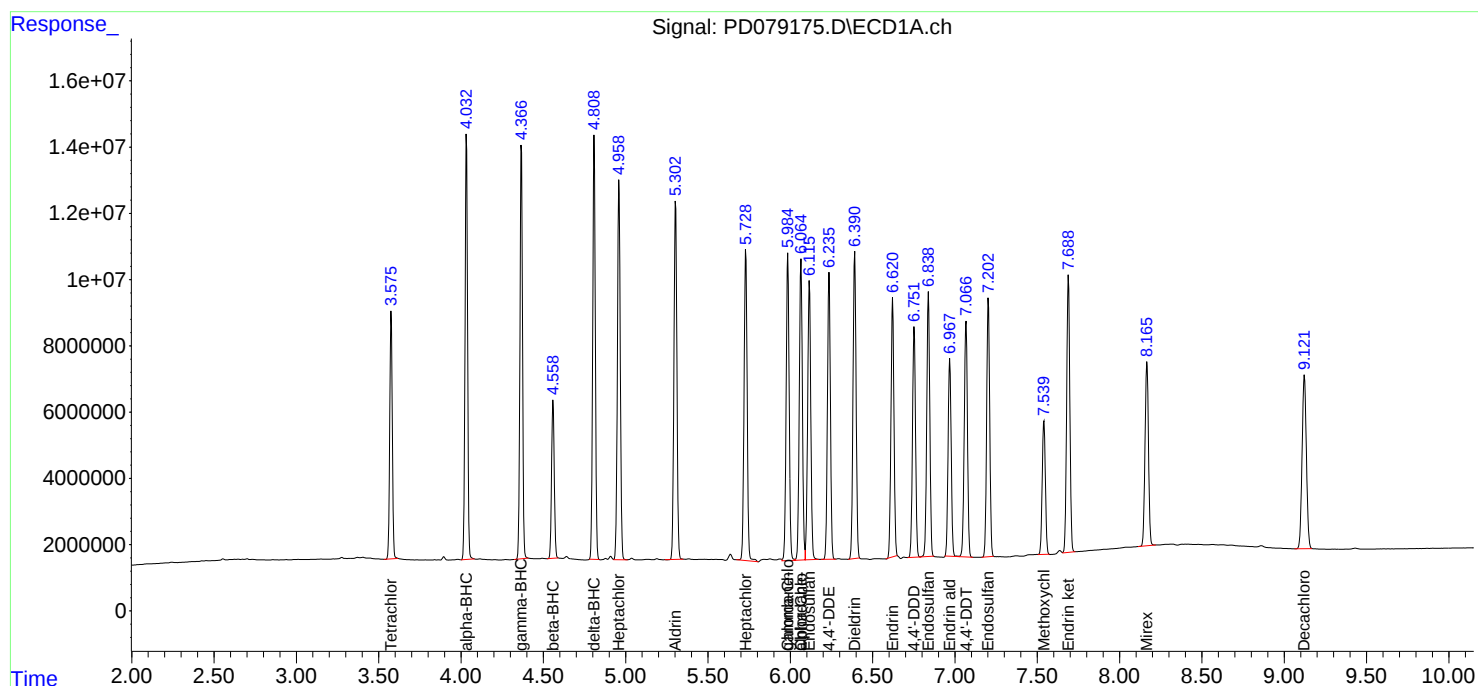
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

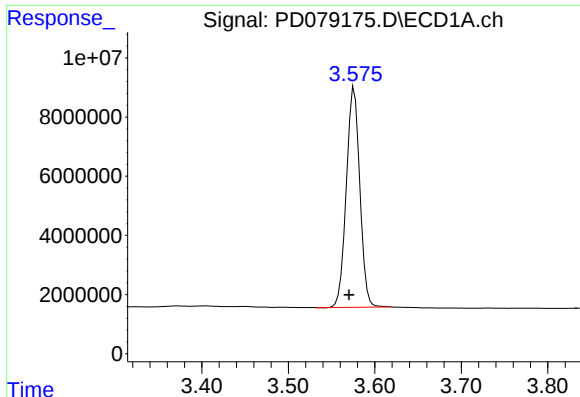
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102623\  
Data File : PD079175.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Oct 2023 13:27  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 26 22:52:21 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

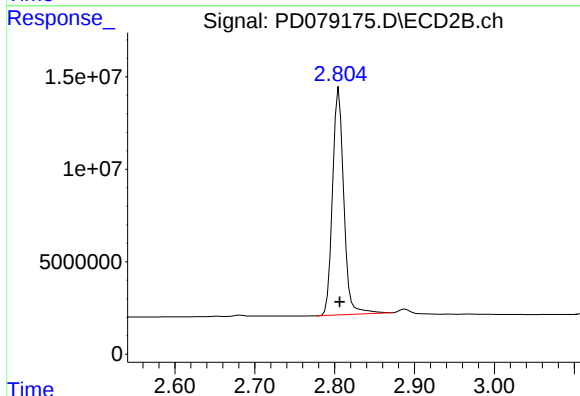




#1 Tetrachloro-m-xylene

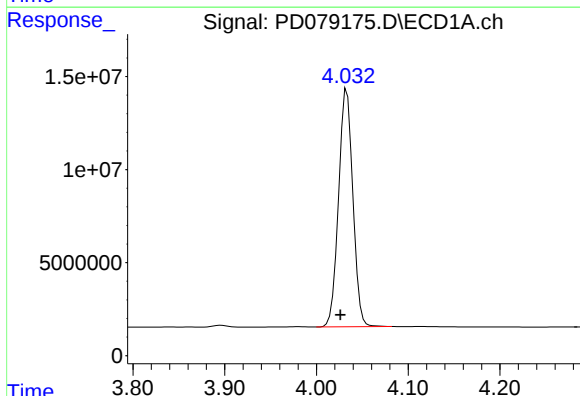
R.T.: 3.576 min  
Delta R.T.: 0.006 min  
Response: 80161497  
Conc: 49.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



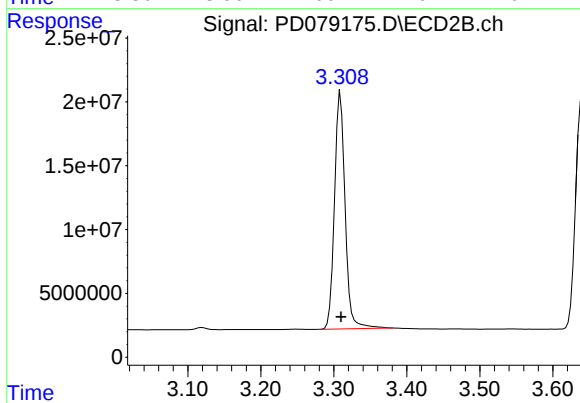
#1 Tetrachloro-m-xylene

R.T.: 2.805 min  
Delta R.T.: -0.001 min  
Response: 120038358  
Conc: 51.85 ng/ml



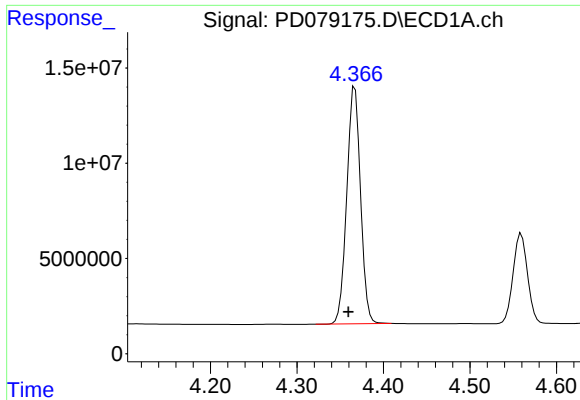
#2 alpha-BHC

R.T.: 4.033 min  
Delta R.T.: 0.007 min  
Response: 138516750  
Conc: 52.03 ng/ml



#2 alpha-BHC

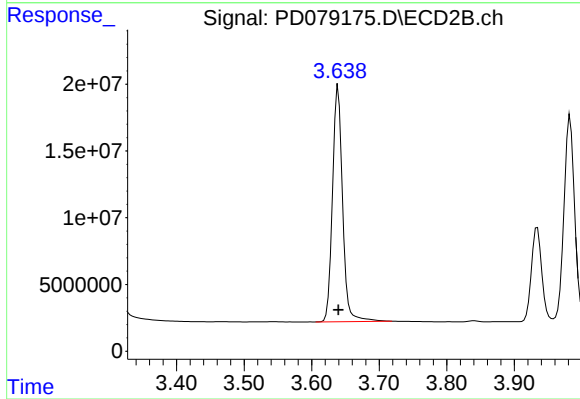
R.T.: 3.309 min  
Delta R.T.: 0.000 min  
Response: 187842748  
Conc: 54.17 ng/ml



#3 gamma-BHC (Lindane)

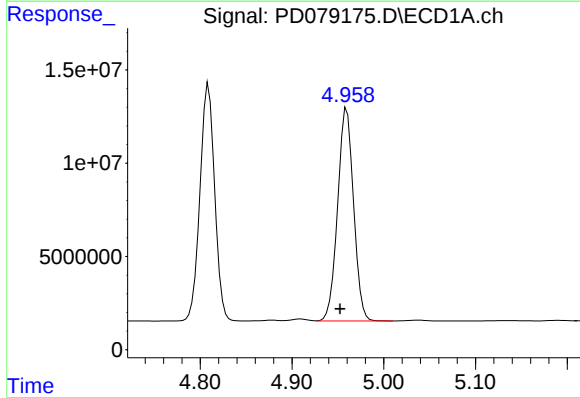
R.T.: 4.367 min  
Delta R.T.: 0.008 min  
Response: 136897808  
Conc: 52.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



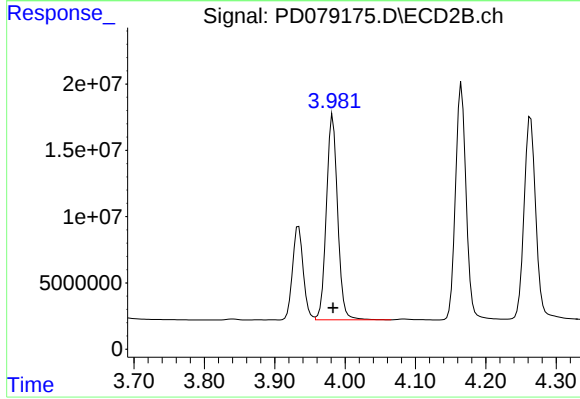
#3 gamma-BHC (Lindane)

R.T.: 3.639 min  
Delta R.T.: 0.000 min  
Response: 184426348  
Conc: 54.31 ng/ml



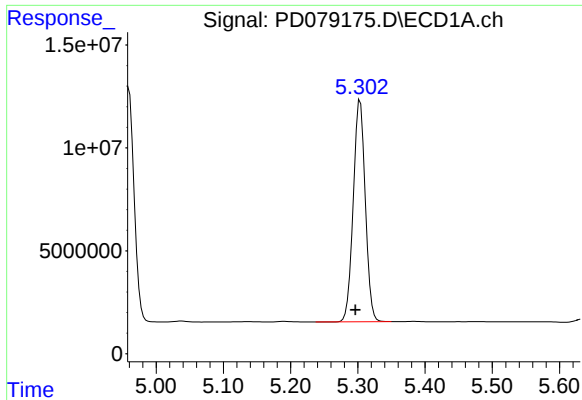
#4 Heptachlor

R.T.: 4.960 min  
Delta R.T.: 0.007 min  
Response: 137652483  
Conc: 51.46 ng/ml



#4 Heptachlor

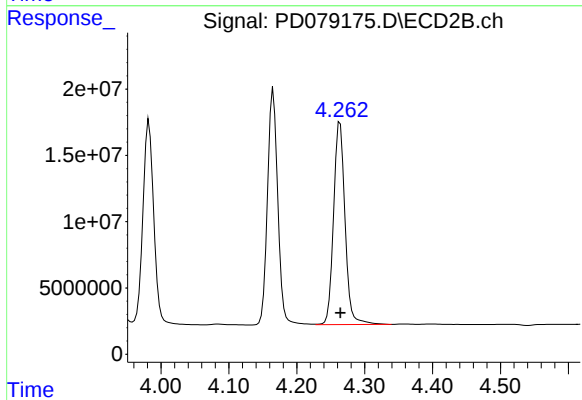
R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 171656200  
Conc: 56.20 ng/ml



#5 Aldrin

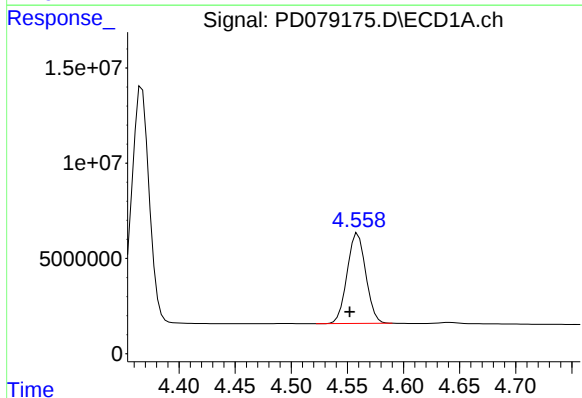
R.T.: 5.303 min  
Delta R.T.: 0.007 min  
Response: 133961058  
Conc: 51.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



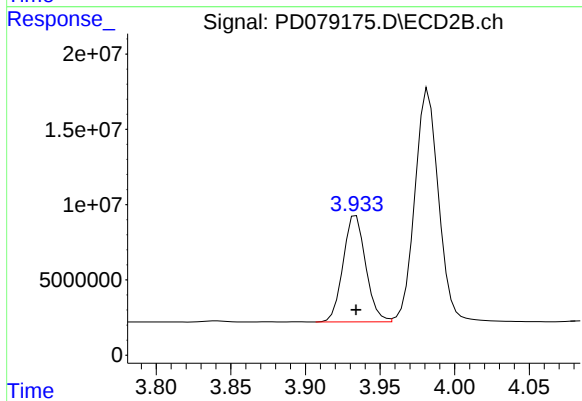
#5 Aldrin

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 179471338  
Conc: 54.86 ng/ml



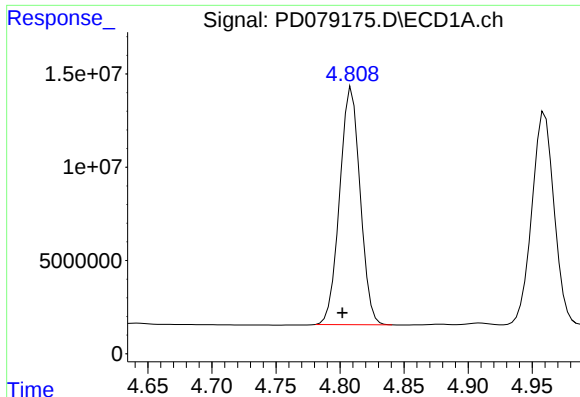
#6 beta-BHC

R.T.: 4.559 min  
Delta R.T.: 0.007 min  
Response: 54679105  
Conc: 51.03 ng/ml



#6 beta-BHC

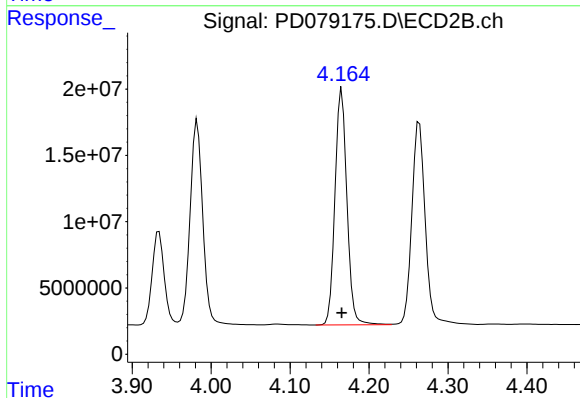
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 74599971  
Conc: 52.94 ng/ml



#7 delta-BHC

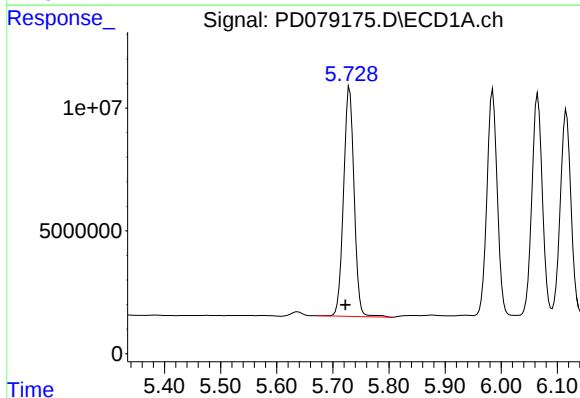
R.T.: 4.809 min  
Delta R.T.: 0.007 min  
Response: 141409541  
Conc: 52.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



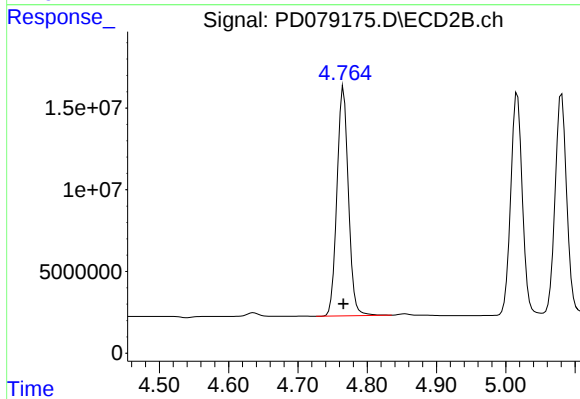
#7 delta-BHC

R.T.: 4.166 min  
Delta R.T.: 0.000 min  
Response: 187125719  
Conc: 55.89 ng/ml



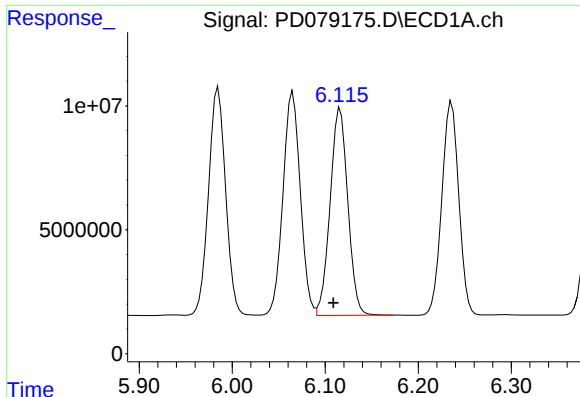
#8 Heptachlor epoxide

R.T.: 5.730 min  
Delta R.T.: 0.008 min  
Response: 122061885  
Conc: 52.08 ng/ml



#8 Heptachlor epoxide

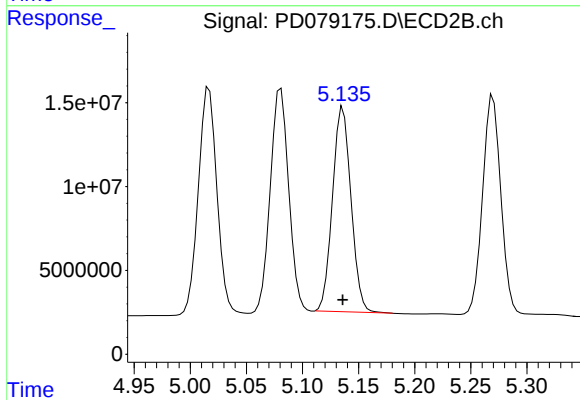
R.T.: 4.766 min  
Delta R.T.: 0.000 min  
Response: 160595587  
Conc: 54.17 ng/ml



#9 Endosulfan I

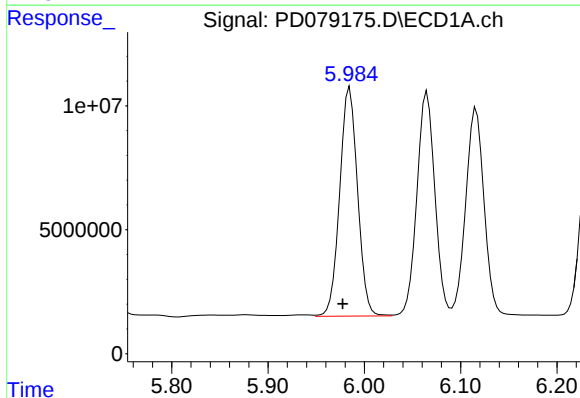
R.T.: 6.116 min  
Delta R.T.: 0.007 min  
Response: 110834057  
Conc: 51.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



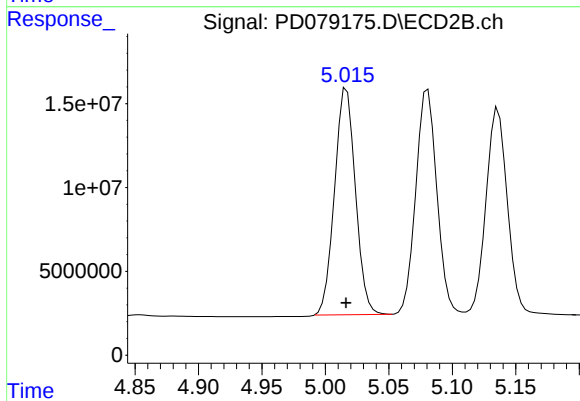
#9 Endosulfan I

R.T.: 5.136 min  
Delta R.T.: 0.000 min  
Response: 140237599  
Conc: 52.97 ng/ml



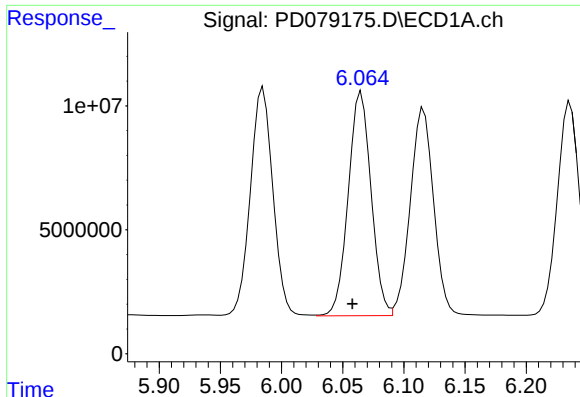
#10 gamma-Chlordane

R.T.: 5.985 min  
Delta R.T.: 0.007 min  
Response: 118792119  
Conc: 51.81 ng/ml



#10 gamma-Chlordane

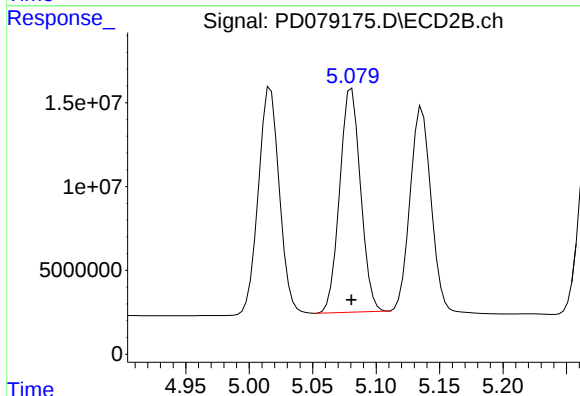
R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 154925816  
Conc: 53.99 ng/ml



#11 alpha-Chlordane

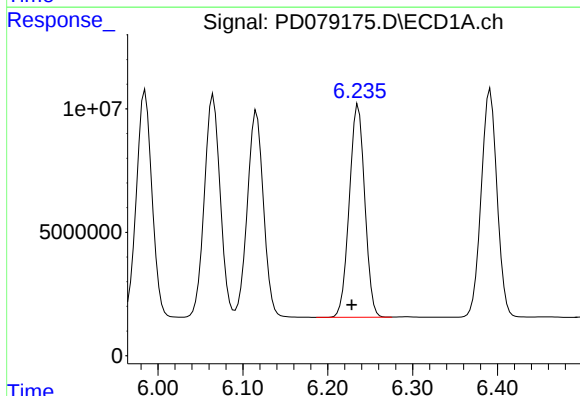
R.T.: 6.065 min  
Delta R.T.: 0.007 min  
Response: 117342179  
Conc: 51.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



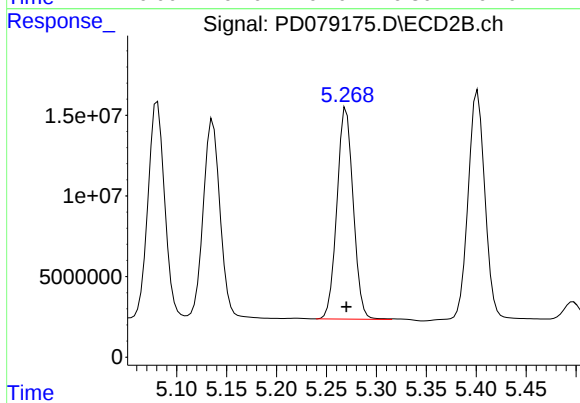
#11 alpha-Chlordane

R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 152812889  
Conc: 53.25 ng/ml



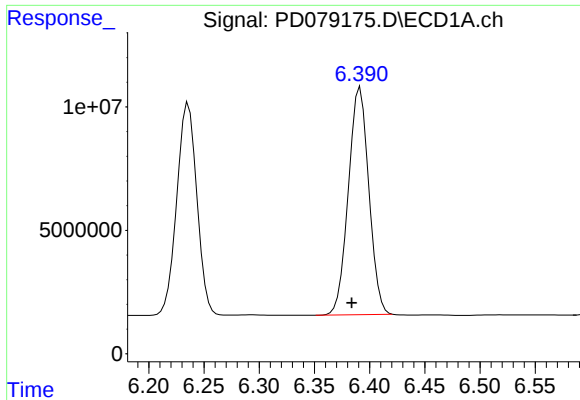
#12 4,4'-DDE

R.T.: 6.236 min  
Delta R.T.: 0.008 min  
Response: 108958242  
Conc: 51.56 ng/ml



#12 4,4'-DDE

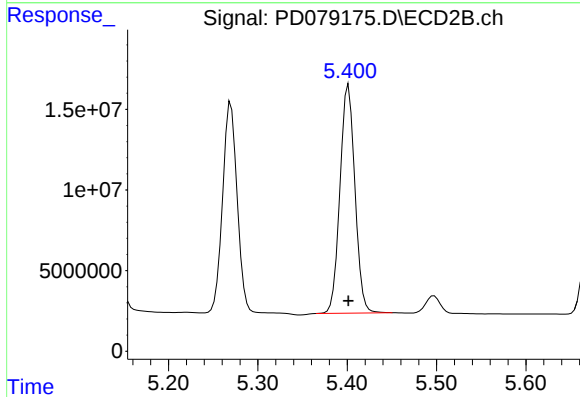
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 148529625  
Conc: 55.79 ng/ml



#13 Dieldrin

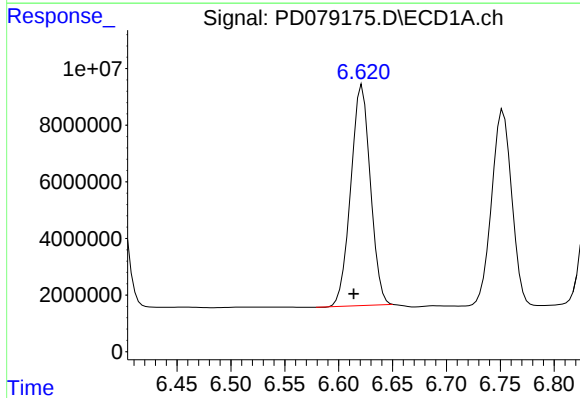
R.T.: 6.392 min  
Delta R.T.: 0.008 min  
Response: 118983048  
Conc: 51.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



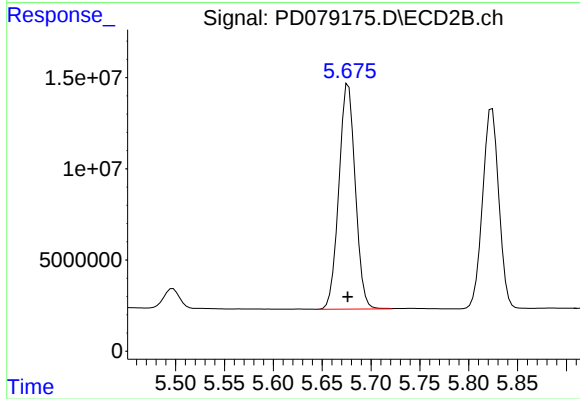
#13 Dieldrin

R.T.: 5.401 min  
Delta R.T.: 0.000 min  
Response: 164623714  
Conc: 55.43 ng/ml



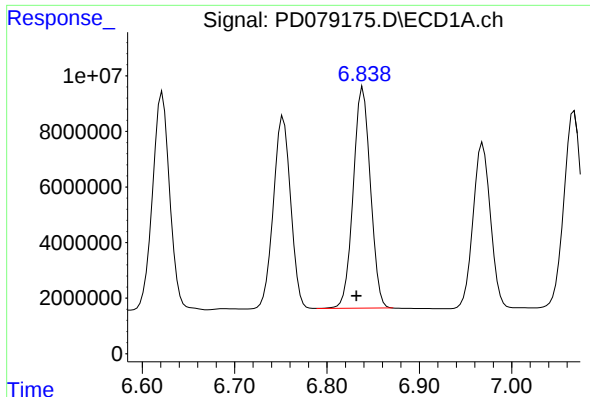
#14 Endrin

R.T.: 6.622 min  
Delta R.T.: 0.008 min  
Response: 98785573  
Conc: 50.72 ng/ml



#14 Endrin

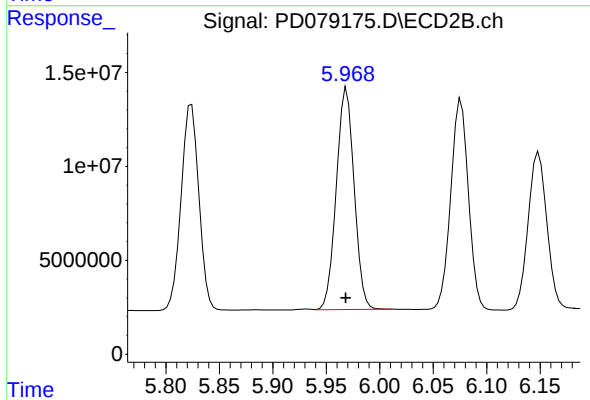
R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 144565479  
Conc: 56.49 ng/ml



#15 Endosulfan II

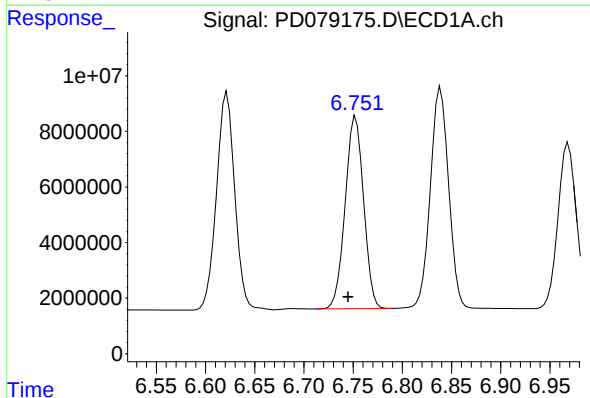
R.T.: 6.839 min  
Delta R.T.: 0.007 min  
Response: 102493813  
Conc: 50.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



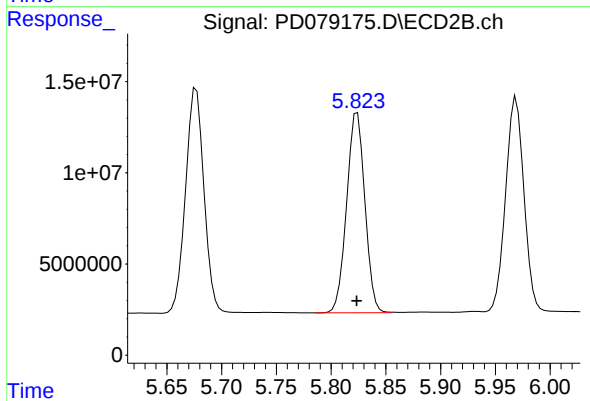
#15 Endosulfan II

R.T.: 5.969 min  
Delta R.T.: 0.000 min  
Response: 137117624  
Conc: 54.92 ng/ml



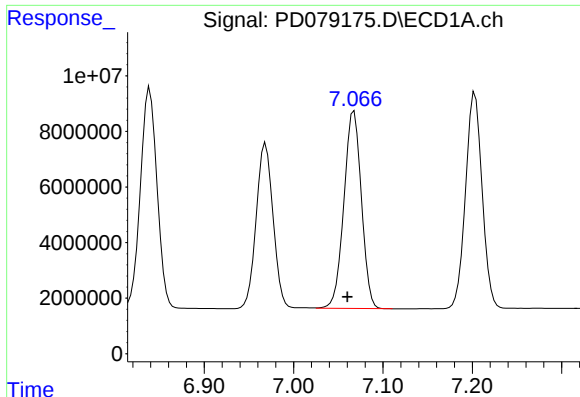
#16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: 0.008 min  
Response: 90003259  
Conc: 51.20 ng/ml



#16 4,4'-DDD

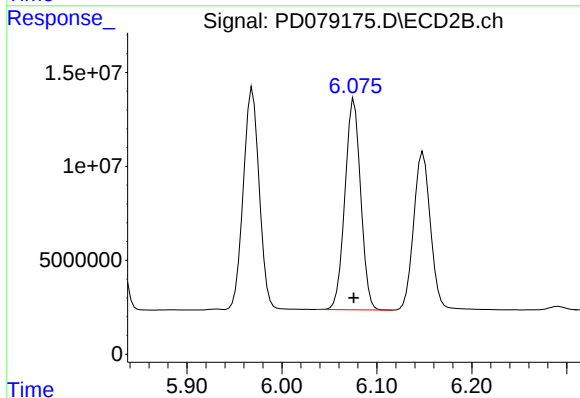
R.T.: 5.824 min  
Delta R.T.: 0.000 min  
Response: 127150833  
Conc: 55.66 ng/ml



#17 4,4'-DDT

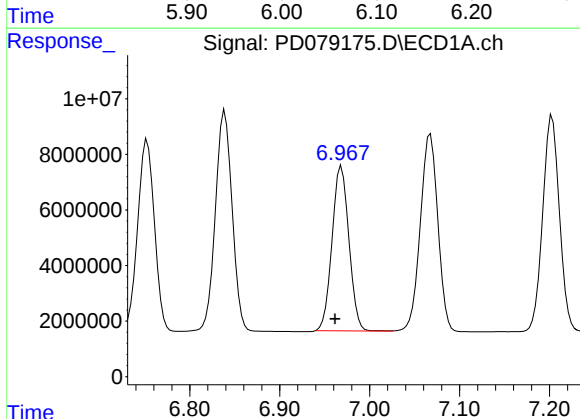
R.T.: 7.068 min  
Delta R.T.: 0.008 min  
Response: 96591907  
Conc: 51.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



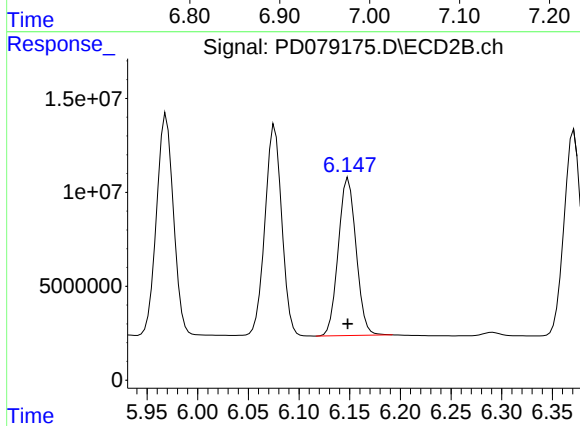
#17 4,4'-DDT

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 129477716  
Conc: 56.56 ng/ml



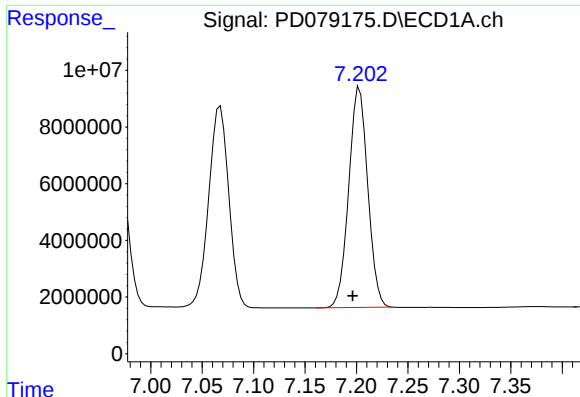
#18 Endrin aldehyde

R.T.: 6.969 min  
Delta R.T.: 0.007 min  
Response: 77469912  
Conc: 50.16 ng/ml



#18 Endrin aldehyde

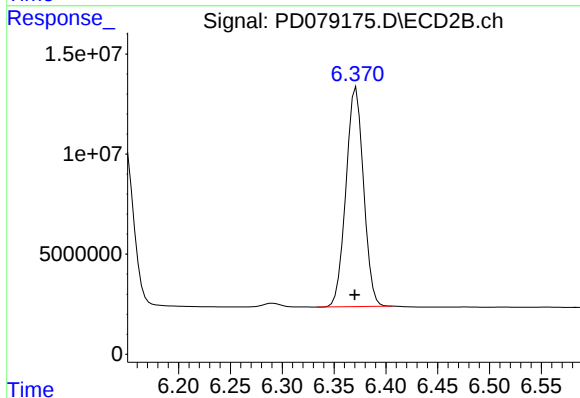
R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 102556828  
Conc: 55.16 ng/ml



#19 Endosulfan Sulfate

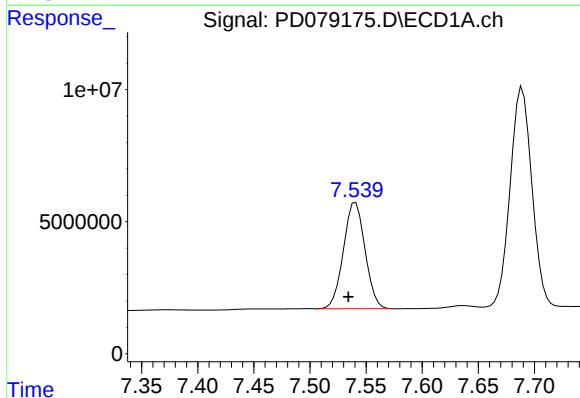
R.T.: 7.203 min  
Delta R.T.: 0.007 min  
Response: 99941496  
Conc: 50.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



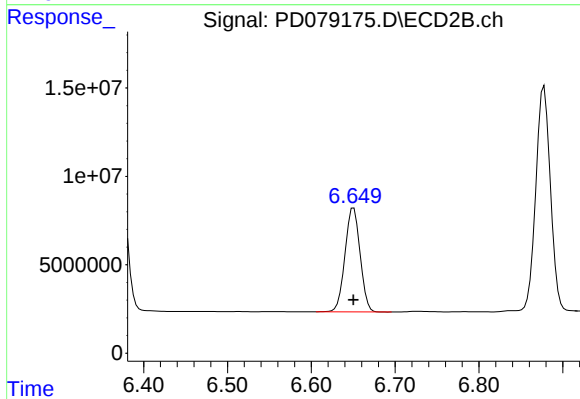
#19 Endosulfan Sulfate

R.T.: 6.371 min  
Delta R.T.: 0.002 min  
Response: 129283817  
Conc: 55.37 ng/ml



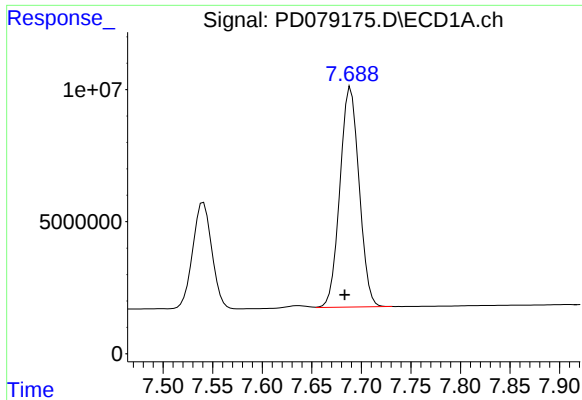
#20 Methoxychlor

R.T.: 7.541 min  
Delta R.T.: 0.007 min  
Response: 53923489  
Conc: 49.21 ng/ml



#20 Methoxychlor

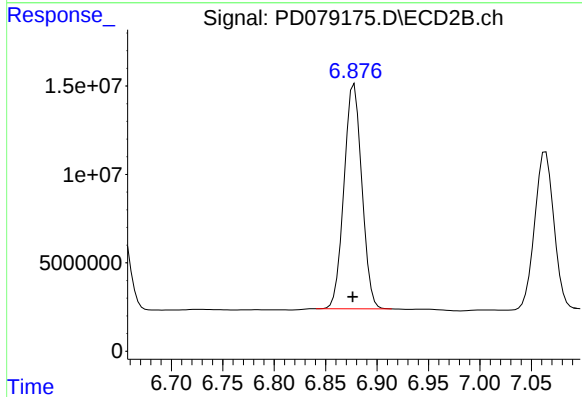
R.T.: 6.651 min  
Delta R.T.: 0.000 min  
Response: 73845083  
Conc: 54.39 ng/ml



#21 Endrin ketone

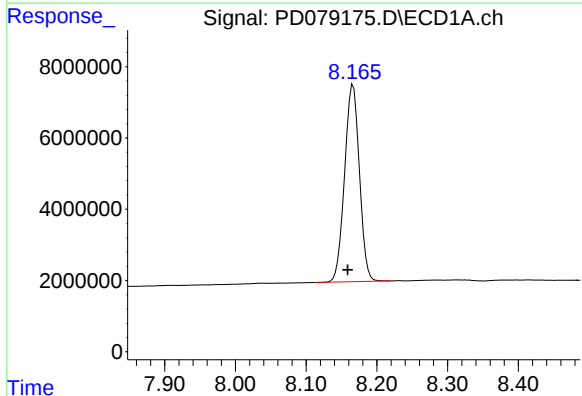
R.T.: 7.689 min  
Delta R.T.: 0.006 min  
Response: 112265597  
Conc: 51.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



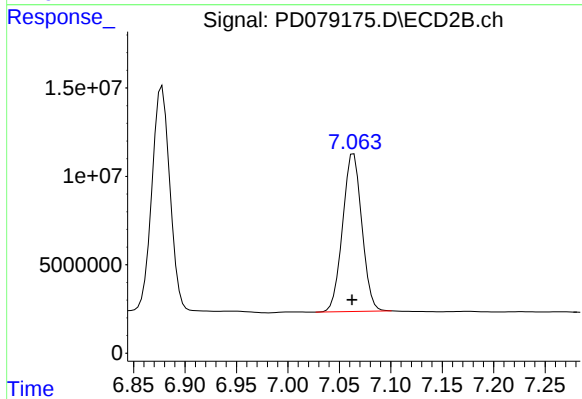
#21 Endrin ketone

R.T.: 6.878 min  
Delta R.T.: 0.001 min  
Response: 153457628  
Conc: 54.89 ng/ml



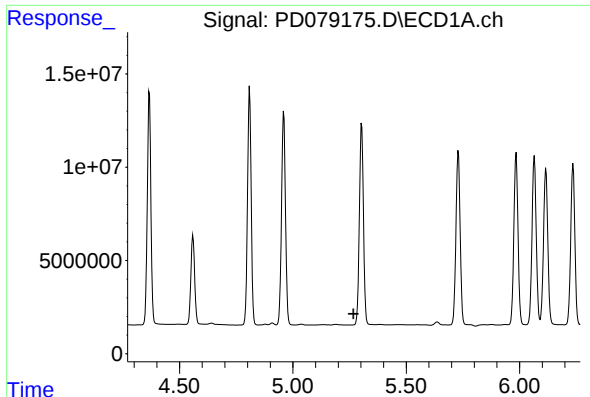
#22 Mirex

R.T.: 8.166 min  
Delta R.T.: 0.008 min  
Response: 80672206  
Conc: 47.66 ng/ml



#22 Mirex

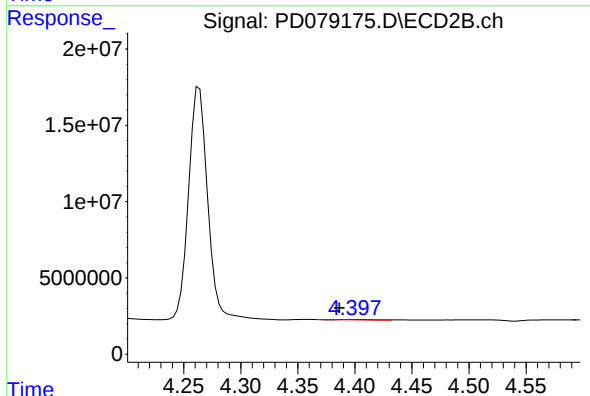
R.T.: 7.064 min  
Delta R.T.: 0.002 min  
Response: 116040942  
Conc: 54.32 ng/ml



#24 Chlordane-2

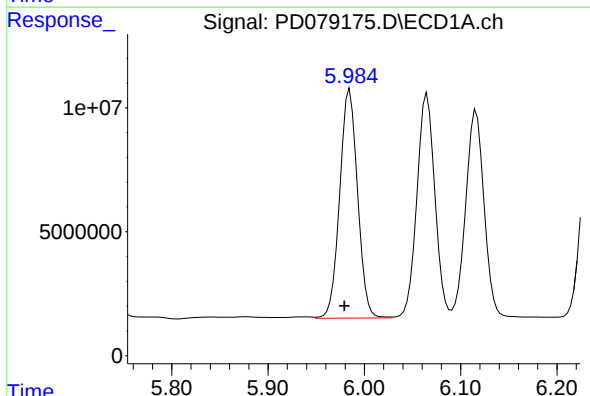
R.T.: 0.000 min  
Exp R.T.: 5.268 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



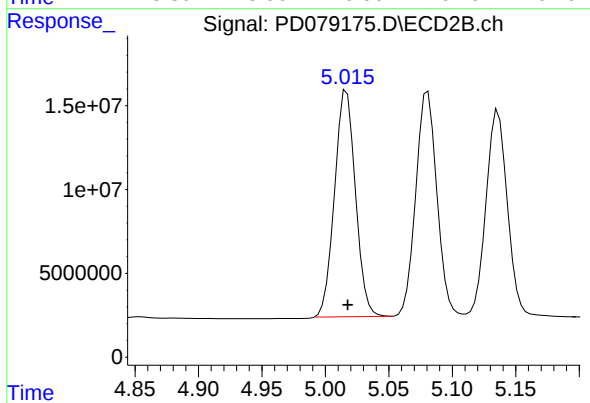
#24 Chlordane-2

R.T.: 4.398 min  
Delta R.T.: 0.012 min  
Response: 498694  
Conc: 5.49 ng/ml



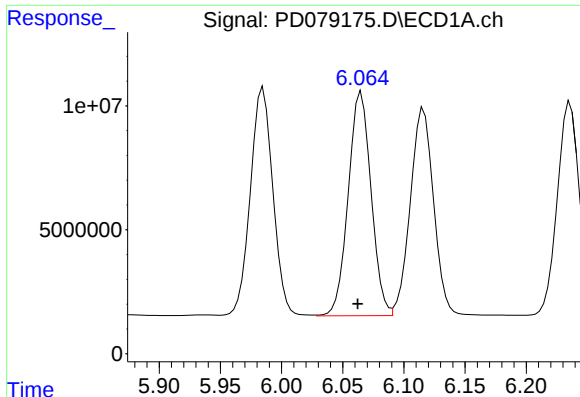
#25 Chlordane-3

R.T.: 5.985 min  
Delta R.T.: 0.006 min  
Response: 118792119  
Conc: 383.19 ng/ml



#25 Chlordane-3

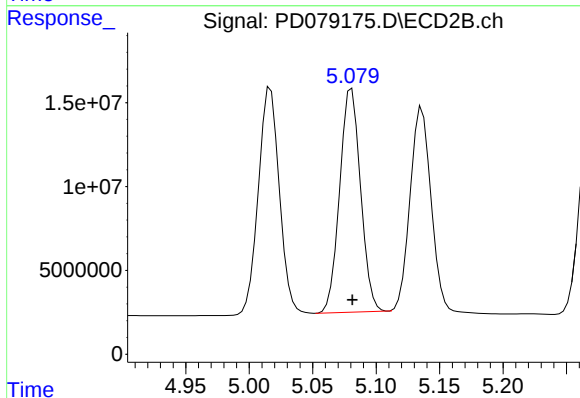
R.T.: 5.017 min  
Delta R.T.: 0.000 min  
Response: 154925816  
Conc: 580.83 ng/ml



#26 Chlordane-4

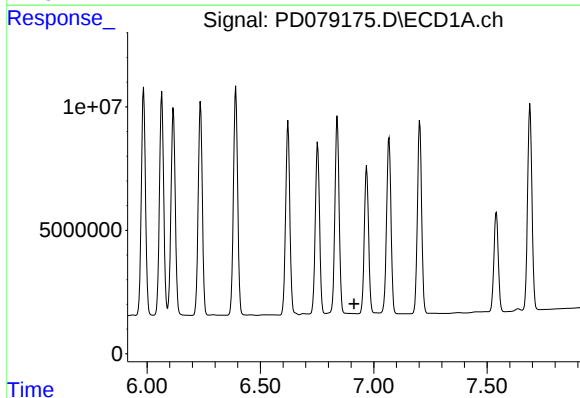
R.T.: 6.065 min  
Delta R.T.: 0.003 min  
Response: 117342179  
Conc: 315.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



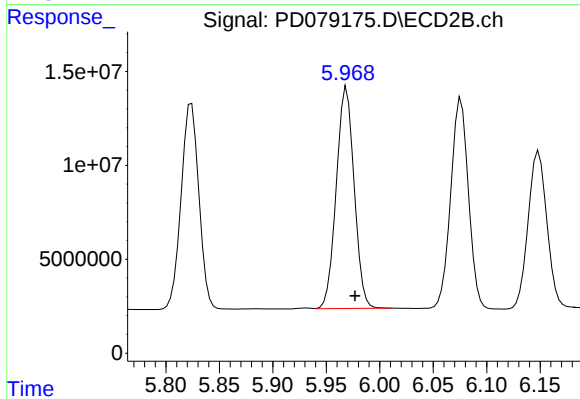
#26 Chlordane-4

R.T.: 5.081 min  
Delta R.T.: 0.000 min  
Response: 152812889  
Conc: 622.76 ng/ml



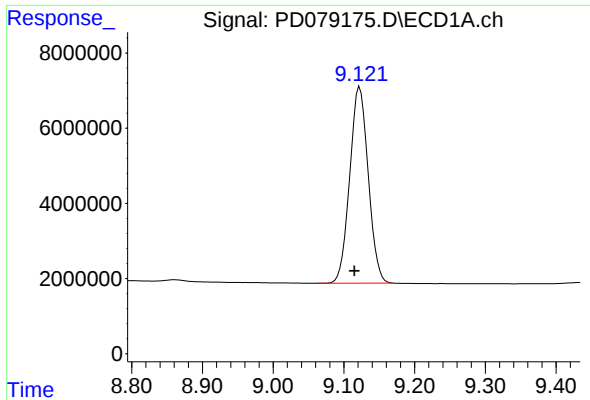
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.914 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

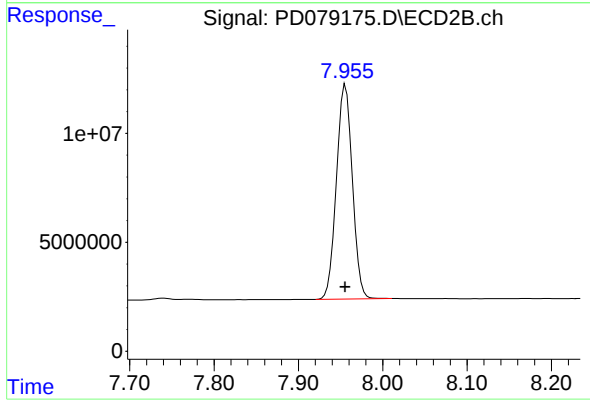
R.T.: 5.969 min  
Delta R.T.: -0.008 min  
Response: 137117624  
Conc: 1375.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: 0.008 min  
Response: 94958557  
Conc: 47.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.956 min  
Delta R.T.: 0.000 min  
Response: 129525875  
Conc: 53.14 ng/ml