

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110223\  
 Data File : PD079325.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2023 20:24  
 Operator : AR\AJ  
 Sample : PB156793BS  
 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 31 22:24:00 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... | 3.569  | 2.806 | 28800537 | 42057787 | 17.838   | 18.165     |
| 28)                         | SA Decachlor... | 9.115  | 7.954 | 39048402 | 48237477 | 19.466   | 19.790     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.026  | 3.309 | 132.9E6  | 179.3E6  | 49.929   | 51.698     |
| 3)                          | MA gamma-BHC... | 4.359  | 3.639 | 123.4E6  | 168.5E6  | 47.481   | 49.633     |
| 4)                          | MA Heptachlor   | 4.952  | 3.982 | 129.1E6  | 164.2E6  | 48.259   | 53.778     |
| 5)                          | MB Aldrin       | 5.296  | 4.263 | 123.5E6  | 164.6E6  | 47.938   | 50.305     |
| 6)                          | B beta-BHC      | 4.552  | 3.933 | 50727832 | 68076316 | 47.339   | 48.312     |
| 7)                          | B delta-BHC     | 4.802  | 4.165 | 118.7E6  | 170.0E6  | 44.355   | 50.759     |
| 8)                          | B Heptachlo...  | 5.722  | 4.764 | 114.7E6  | 152.9E6  | 48.944   | 51.564     |
| 9)                          | A Endosulfan I  | 6.109  | 5.135 | 107.4E6  | 135.2E6  | 49.523   | 51.064     |
| 10)                         | B gamma-Chl...  | 5.977  | 5.015 | 113.2E6  | 148.1E6  | 49.383   | 51.625     |
| 11)                         | B alpha-Chl...  | 6.058  | 5.079 | 112.1E6  | 144.9E6  | 49.167   | 50.490     |
| 12)                         | B 4,4'-DDE      | 6.228  | 5.268 | 104.6E6  | 143.3E6  | 49.482   | 53.840     |
| 13)                         | MA Dieldrin     | 6.384  | 5.399 | 111.6E6  | 151.2E6  | 47.933   | 50.918     |
| 14)                         | MA Endrin       | 6.615  | 5.675 | 89565450 | 127.2E6  | 45.987   | 49.701     |
| 15)                         | B Endosulfa...  | 6.832  | 5.967 | 92772914 | 123.5E6  | 45.485   | 49.465     |
| 16)                         | A 4,4'-DDD      | 6.745  | 5.822 | 88066344 | 122.8E6  | 50.096   | 53.740     |
| 17)                         | MA 4,4'-DDT     | 7.060  | 6.074 | 90617057 | 116.6E6  | 47.853   | 50.946     |
| 18)                         | B Endrin al...  | 6.962  | 6.147 | 62711061 | 97458170 | 40.608   | 52.416 #   |
| 19)                         | B Endosulfa...  | 7.197  | 6.370 | 95042403 | 123.2E6  | 47.805   | 52.770     |
| 20)                         | A Methoxychlor  | 7.534  | 6.649 | 46523182 | 62484907 | 42.457   | 46.025     |
| 21)                         | B Endrin ke...  | 7.683  | 6.875 | 104.9E6  | 147.4E6  | 48.107   | 52.707     |
| 22)                         | Mirex           | 8.160  | 7.061 | 79509037 | 109.6E6  | 46.973   | 51.309     |
| 23)                         | Chlordane-1     | 0.000  | 3.804 | 0        | 151269   | N.D.     | 1.742 #    |
| 24)                         | Chlordane-2     | 5.296f | 0.000 | 123.5E6  | 0        | 1547.412 | N.D. #     |
| 25)                         | Chlordane-3     | 5.977  | 5.015 | 113.2E6  | 148.1E6  | 365.224  | 555.370 #  |
| 26)                         | Chlordane-4     | 6.058  | 5.079 | 112.1E6  | 144.9E6  | 301.760  | 590.508 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.967 | 0        | 123.5E6  | N.D.     | 1239.070 # |
| -----                       |                 |        |       |          |          |          |            |

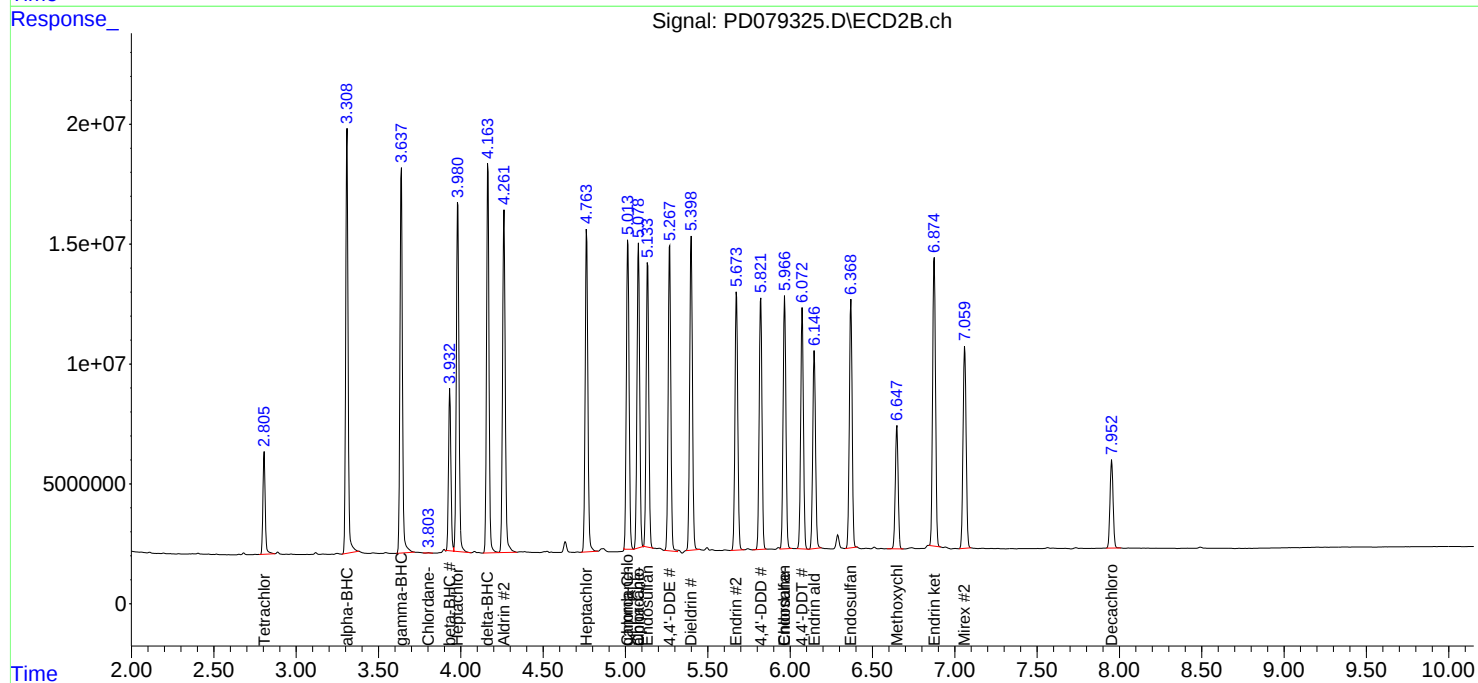
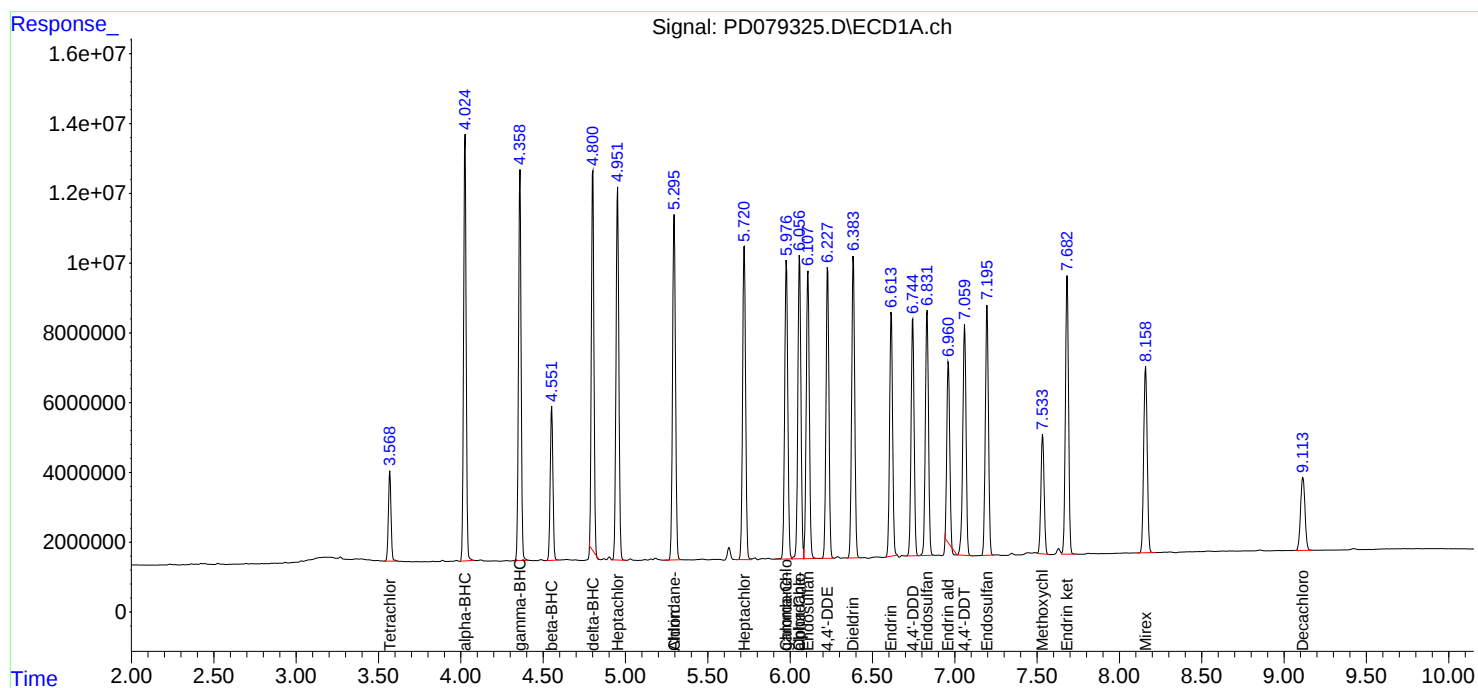
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

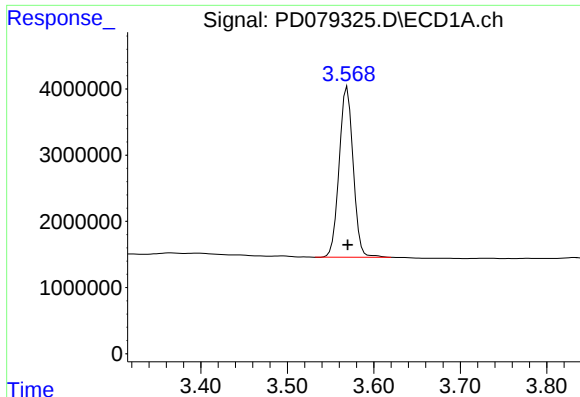
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110223\  
Data File : PD079325.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2023 20:24  
Operator : AR\AJ  
Sample : PB156793BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 31 22:24:00 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

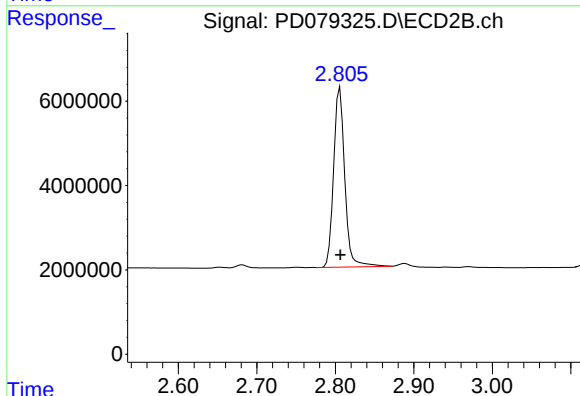




#1 Tetrachloro-m-xylene

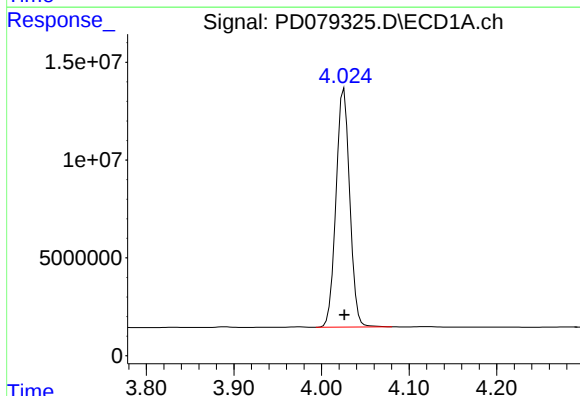
R.T.: 3.569 min  
Delta R.T.: 0.000 min  
Response: 28800537  
Conc: 17.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



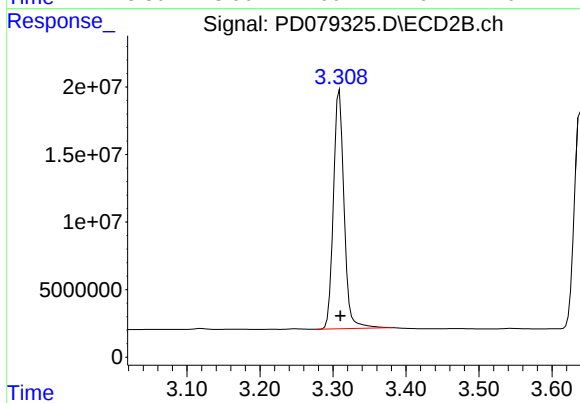
#1 Tetrachloro-m-xylene

R.T.: 2.806 min  
Delta R.T.: 0.000 min  
Response: 42057787  
Conc: 18.17 ng/ml



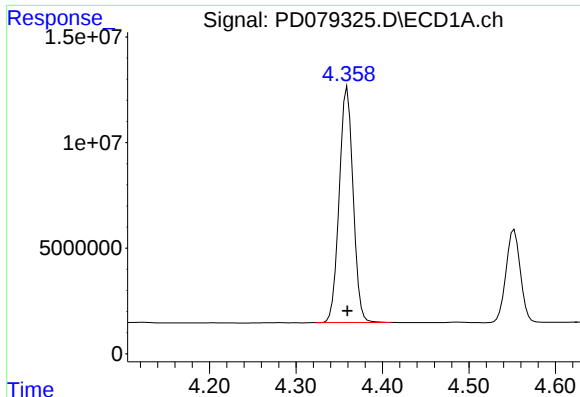
#2 alpha-BHC

R.T.: 4.026 min  
Delta R.T.: 0.000 min  
Response: 132914950  
Conc: 49.93 ng/ml



#2 alpha-BHC

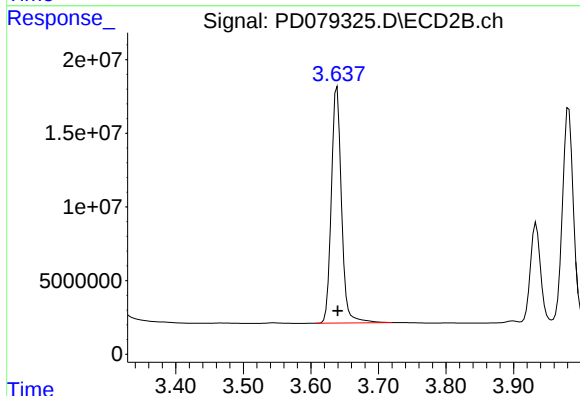
R.T.: 3.309 min  
Delta R.T.: -0.001 min  
Response: 179259454  
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

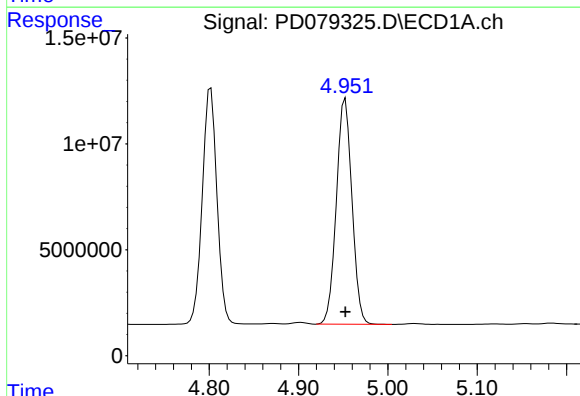
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 123394674  
Conc: 47.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



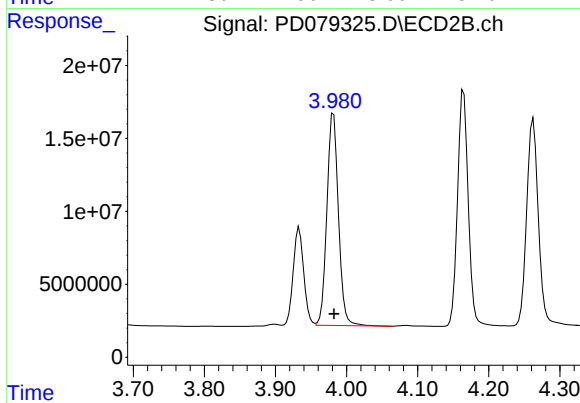
#3 gamma-BHC (Lindane)

R.T.: 3.639 min  
Delta R.T.: 0.000 min  
Response: 168544774  
Conc: 49.63 ng/ml



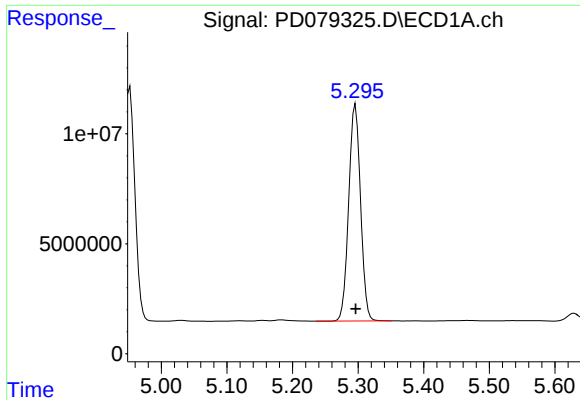
#4 Heptachlor

R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 129088987  
Conc: 48.26 ng/ml



#4 Heptachlor

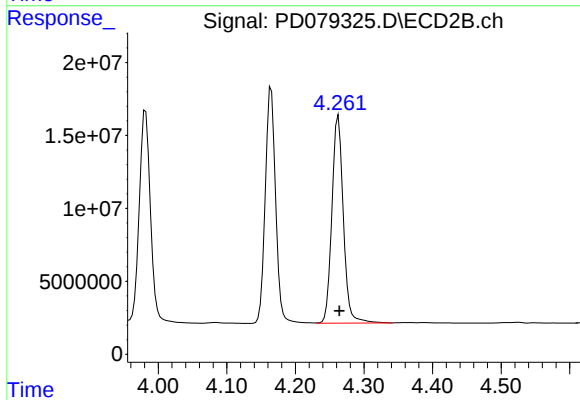
R.T.: 3.982 min  
Delta R.T.: -0.001 min  
Response: 164244648  
Conc: 53.78 ng/ml



#5 Aldrin

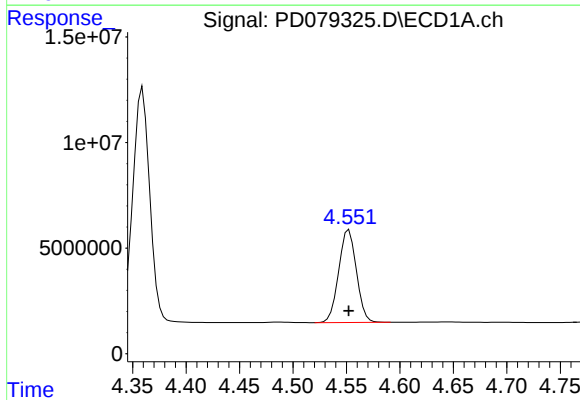
R.T.: 5.296 min  
Delta R.T.: 0.000 min  
Response: 123526702  
Conc: 47.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



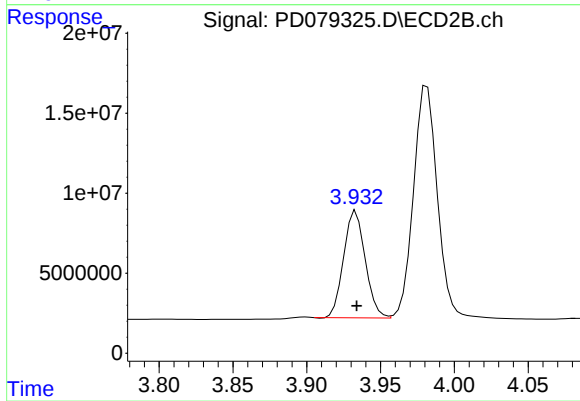
#5 Aldrin

R.T.: 4.263 min  
Delta R.T.: -0.002 min  
Response: 164563811  
Conc: 50.30 ng/ml



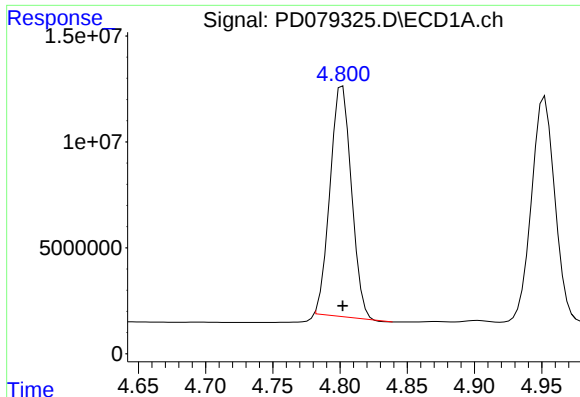
#6 beta-BHC

R.T.: 4.552 min  
Delta R.T.: 0.000 min  
Response: 50727832  
Conc: 47.34 ng/ml



#6 beta-BHC

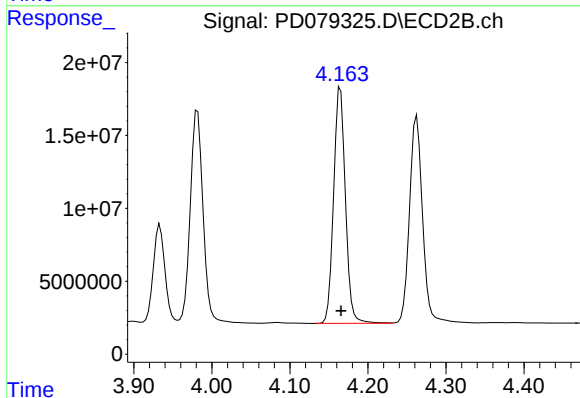
R.T.: 3.933 min  
Delta R.T.: 0.000 min  
Response: 68076316  
Conc: 48.31 ng/ml



#7 delta-BHC

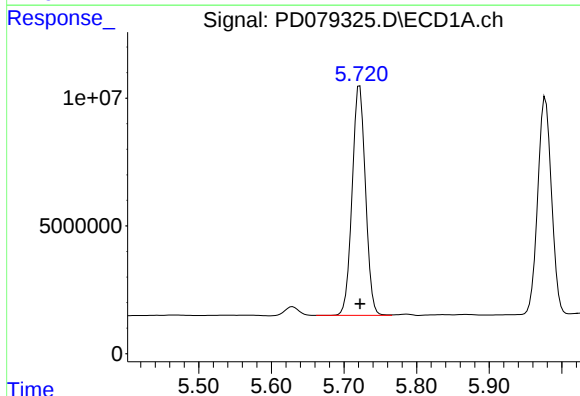
R.T.: 4.802 min  
Delta R.T.: 0.000 min  
Response: 118742054  
Conc: 44.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



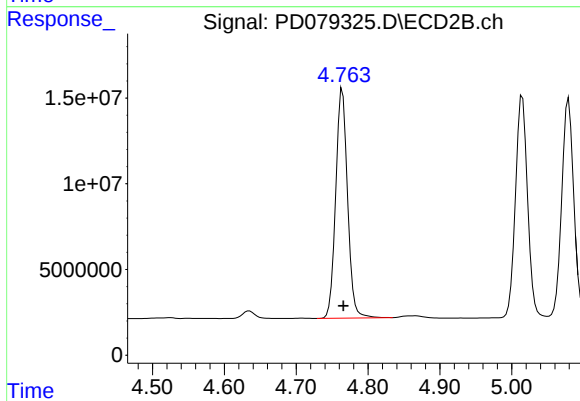
#7 delta-BHC

R.T.: 4.165 min  
Delta R.T.: 0.000 min  
Response: 169954537  
Conc: 50.76 ng/ml



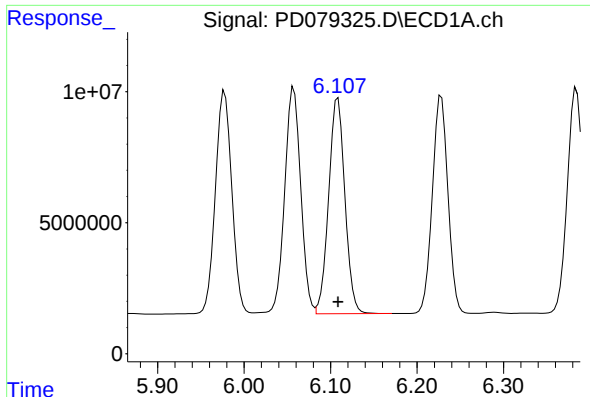
#8 Heptachlor epoxide

R.T.: 5.722 min  
Delta R.T.: 0.000 min  
Response: 114709156  
Conc: 48.94 ng/ml



#8 Heptachlor epoxide

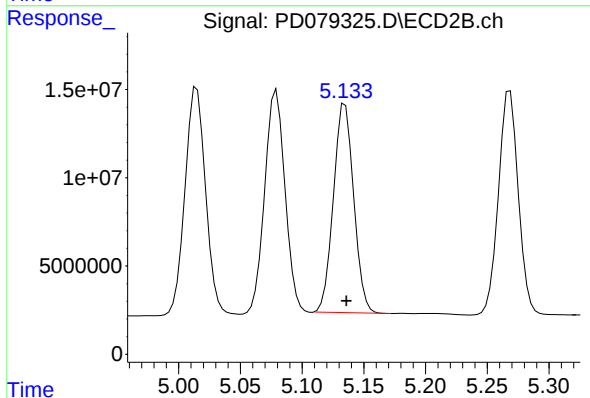
R.T.: 4.764 min  
Delta R.T.: -0.001 min  
Response: 152872308  
Conc: 51.56 ng/ml



#9 Endosulfan I

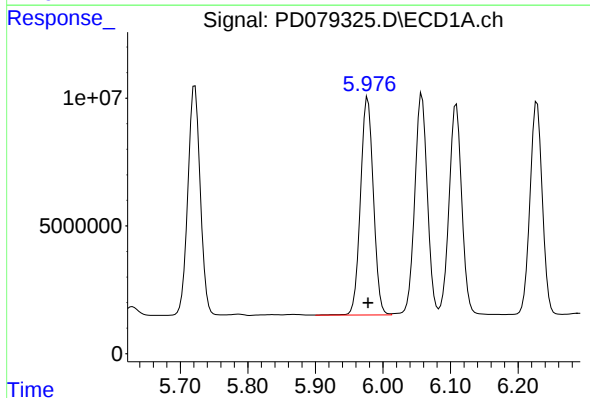
R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 107362647  
Conc: 49.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



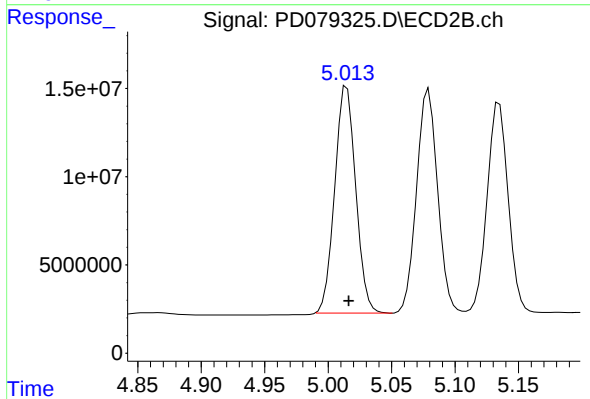
#9 Endosulfan I

R.T.: 5.135 min  
Delta R.T.: -0.001 min  
Response: 135202818  
Conc: 51.06 ng/ml



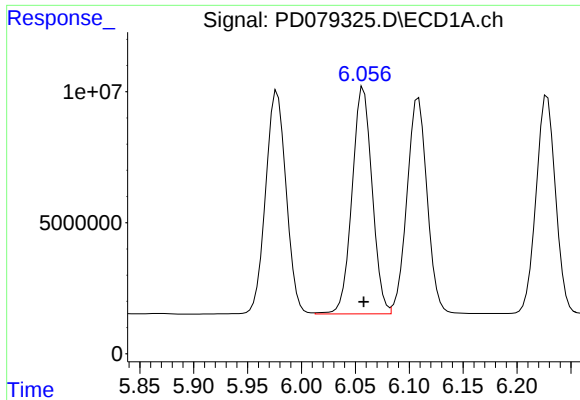
#10 gamma-Chlordane

R.T.: 5.977 min  
Delta R.T.: 0.000 min  
Response: 113221233  
Conc: 49.38 ng/ml



#10 gamma-Chlordane

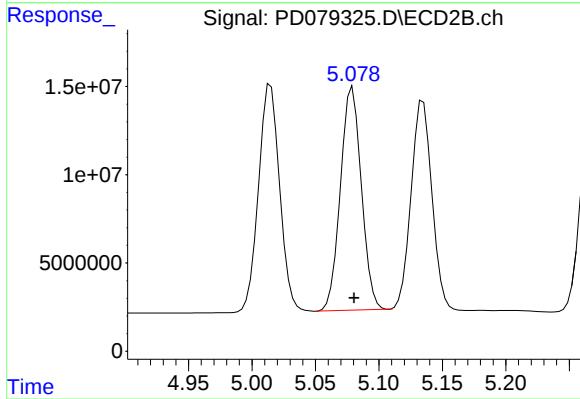
R.T.: 5.015 min  
Delta R.T.: -0.002 min  
Response: 148134960  
Conc: 51.63 ng/ml



#11 alpha-Chlordane

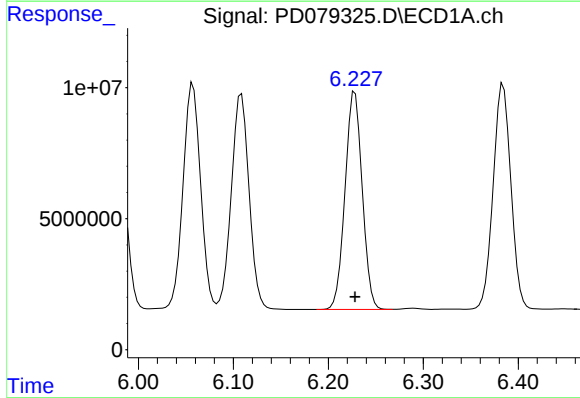
R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 112111130  
Conc: 49.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



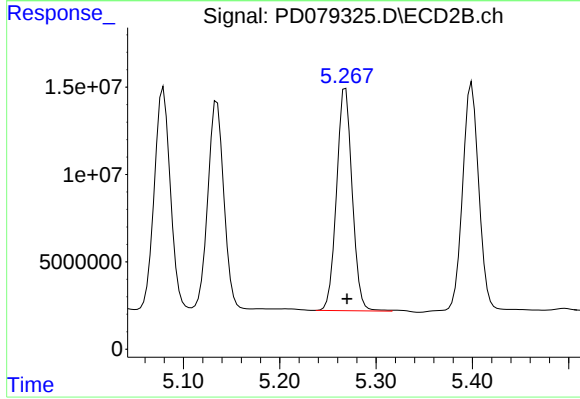
#11 alpha-Chlordane

R.T.: 5.079 min  
Delta R.T.: -0.001 min  
Response: 144898381  
Conc: 50.49 ng/ml



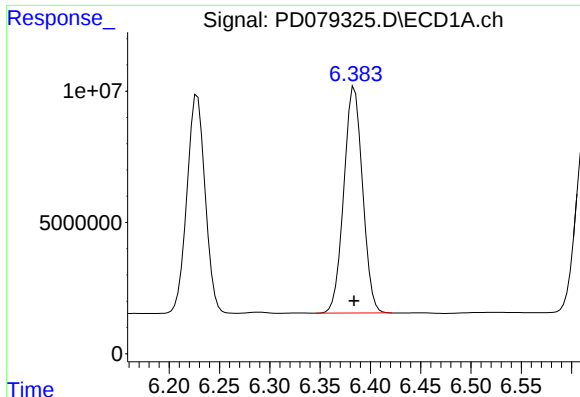
#12 4,4'-DDE

R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 104558483  
Conc: 49.48 ng/ml



#12 4,4'-DDE

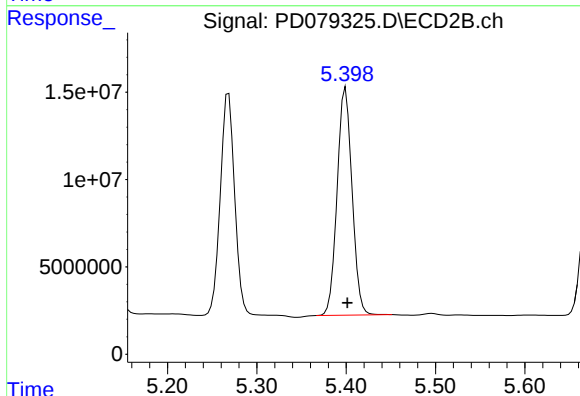
R.T.: 5.268 min  
Delta R.T.: -0.002 min  
Response: 143342642  
Conc: 53.84 ng/ml



#13 Dieldrin

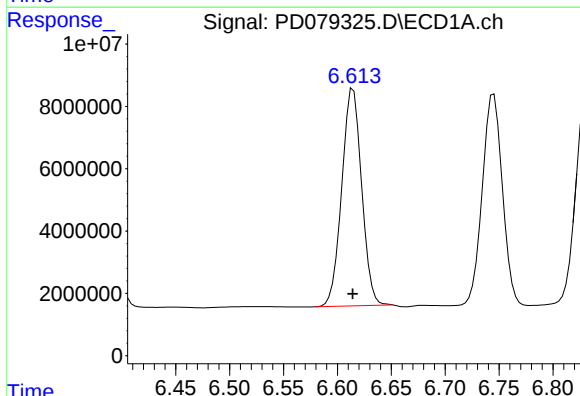
R.T.: 6.384 min  
Delta R.T.: 0.000 min  
Response: 111628270  
Conc: 47.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



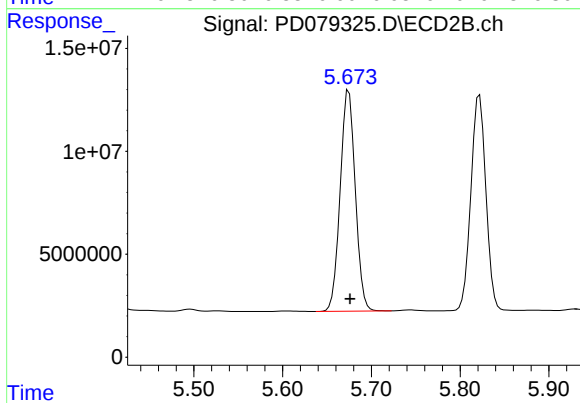
#13 Dieldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 151220188  
Conc: 50.92 ng/ml



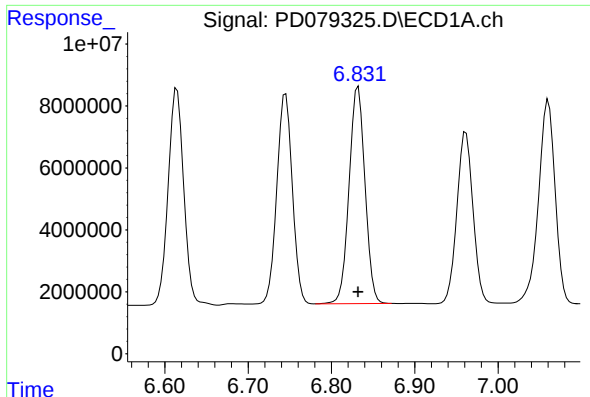
#14 Endrin

R.T.: 6.615 min  
Delta R.T.: 0.000 min  
Response: 89565450  
Conc: 45.99 ng/ml



#14 Endrin

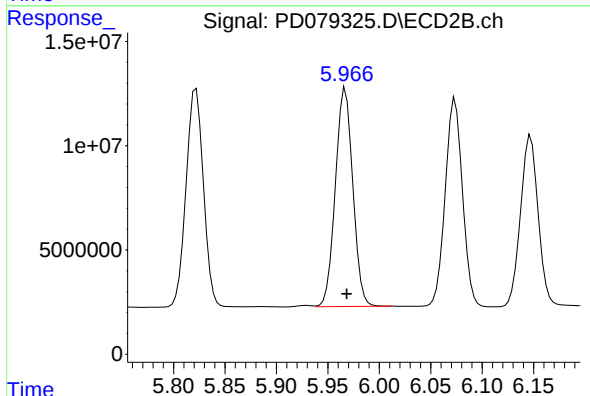
R.T.: 5.675 min  
Delta R.T.: -0.002 min  
Response: 127191307  
Conc: 49.70 ng/ml



#15 Endosulfan II

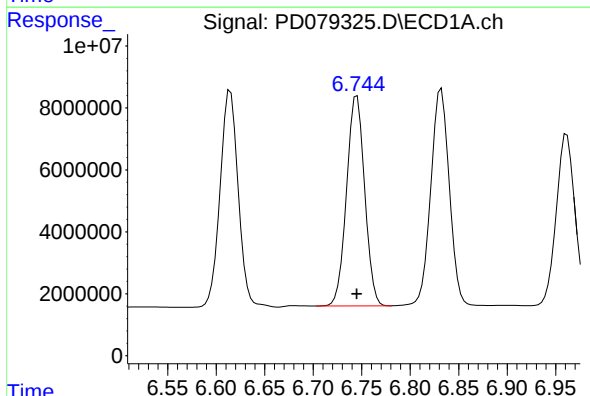
R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 92772914  
Conc: 45.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



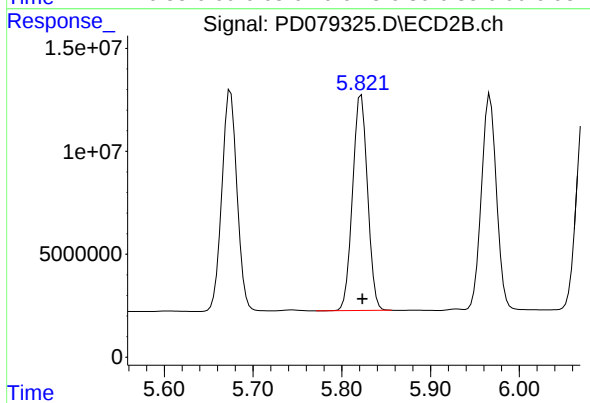
#15 Endosulfan II

R.T.: 5.967 min  
Delta R.T.: -0.001 min  
Response: 123490906  
Conc: 49.47 ng/ml



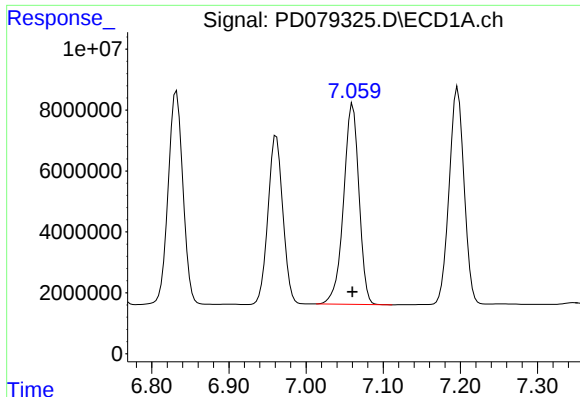
#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 88066344  
Conc: 50.10 ng/ml



#16 4,4'-DDD

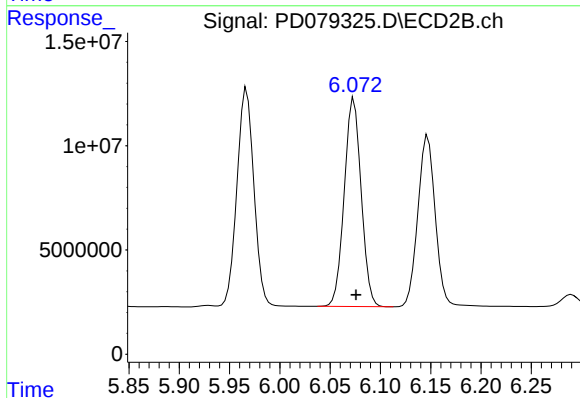
R.T.: 5.822 min  
Delta R.T.: -0.001 min  
Response: 122755275  
Conc: 53.74 ng/ml



#17 4,4'-DDT

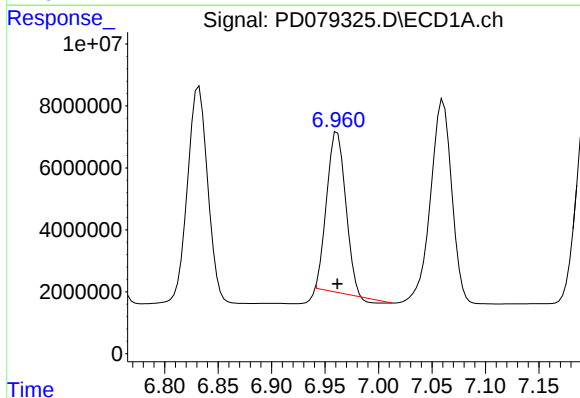
R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 90617057  
Conc: 47.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



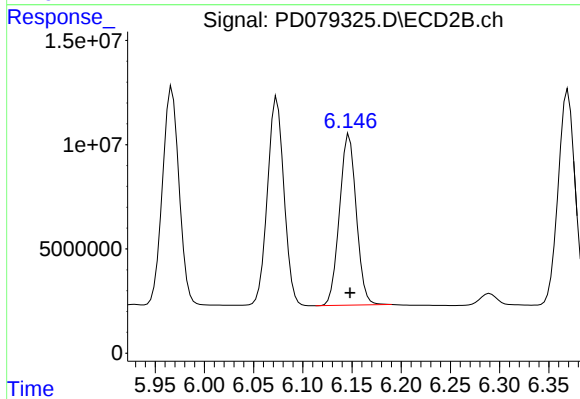
#17 4,4'-DDT

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 116635170  
Conc: 50.95 ng/ml



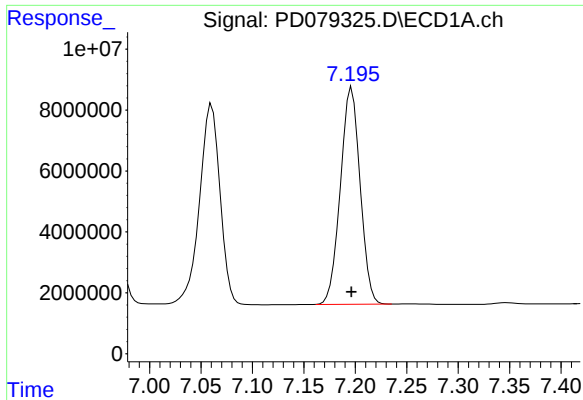
#18 Endrin aldehyde

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 62711061  
Conc: 40.61 ng/ml



#18 Endrin aldehyde

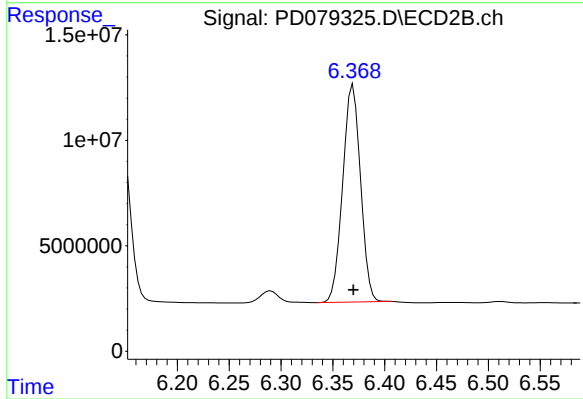
R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 97458170  
Conc: 52.42 ng/ml



#19 Endosulfan Sulfate

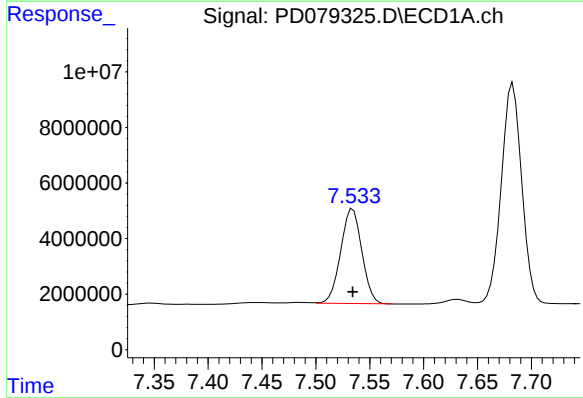
R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 95042403  
Conc: 47.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



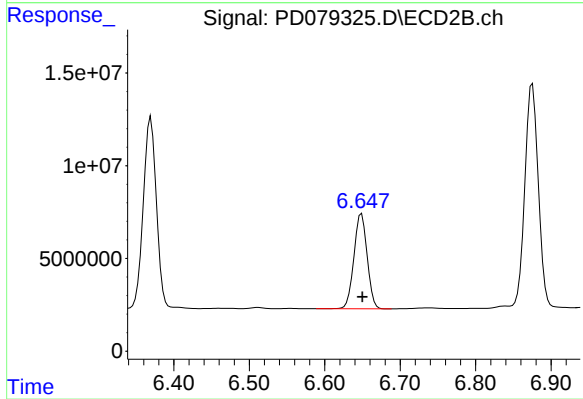
#19 Endosulfan Sulfate

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 123209321  
Conc: 52.77 ng/ml



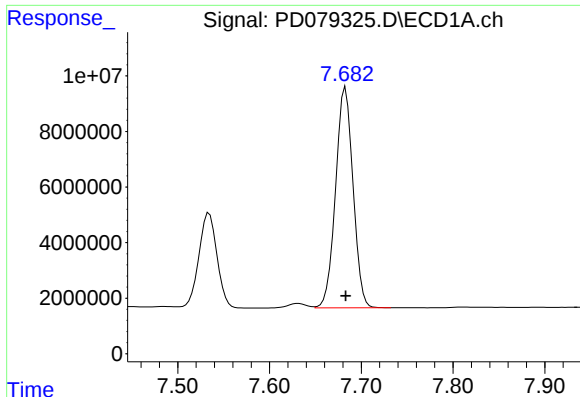
#20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: 0.000 min  
Response: 46523182  
Conc: 42.46 ng/ml



#20 Methoxychlor

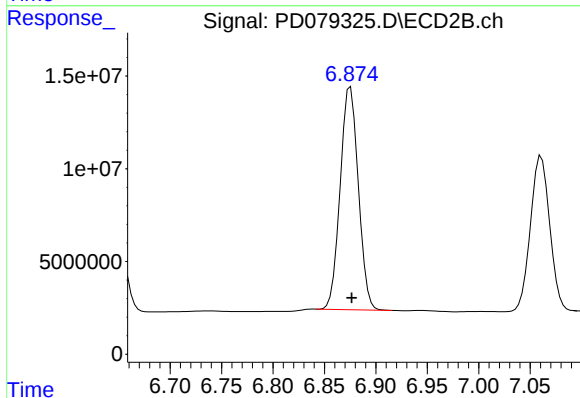
R.T.: 6.649 min  
Delta R.T.: -0.001 min  
Response: 62484907  
Conc: 46.03 ng/ml



#21 Endrin ketone

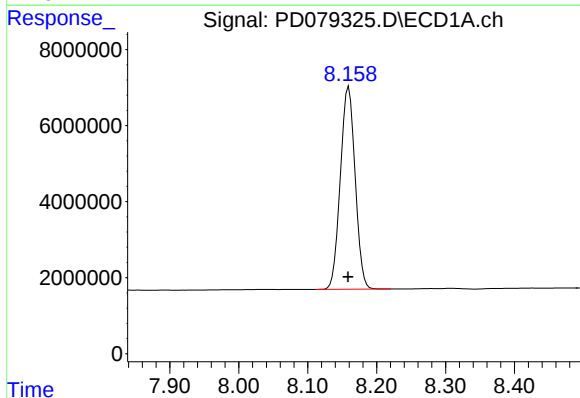
R.T.: 7.683 min  
Delta R.T.: 0.000 min  
Response: 104881924  
Conc: 48.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



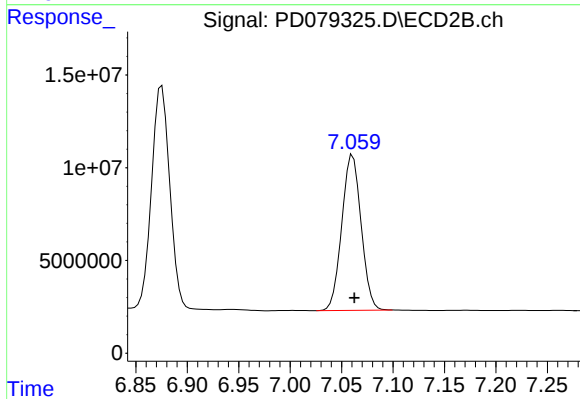
#21 Endrin ketone

R.T.: 6.875 min  
Delta R.T.: -0.001 min  
Response: 147354310  
Conc: 52.71 ng/ml



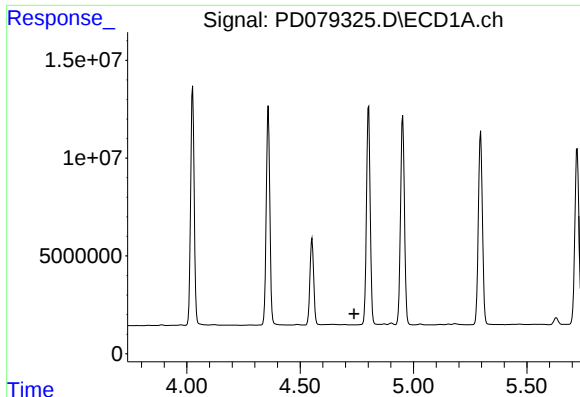
#22 Mirex

R.T.: 8.160 min  
Delta R.T.: 0.000 min  
Response: 79509037  
Conc: 46.97 ng/ml



#22 Mirex

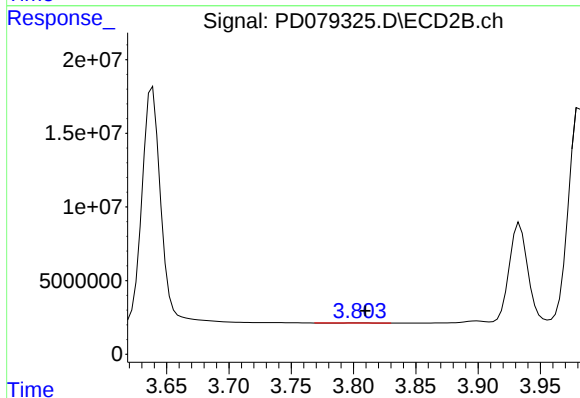
R.T.: 7.061 min  
Delta R.T.: -0.002 min  
Response: 109613767  
Conc: 51.31 ng/ml



#23 Chlordane-1

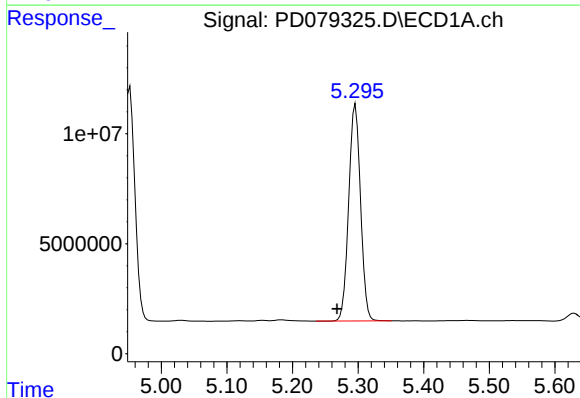
R.T.: 0.000 min  
Exp R.T.: 4.738 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



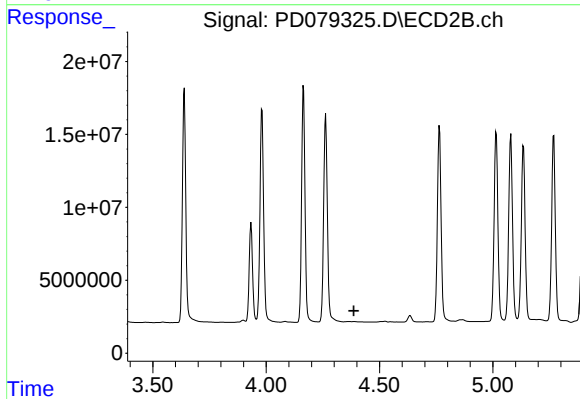
#23 Chlordane-1

R.T.: 3.804 min  
Delta R.T.: -0.006 min  
Response: 151269  
Conc: 1.74 ng/ml



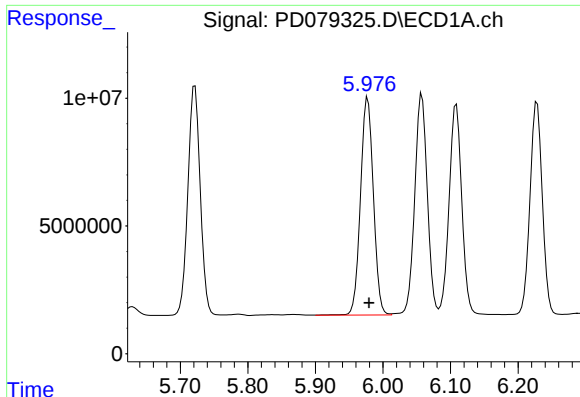
#24 Chlordane-2

R.T.: 5.296 min  
Delta R.T.: 0.028 min  
Response: 123526702  
Conc: 1547.41 ng/ml



#24 Chlordane-2

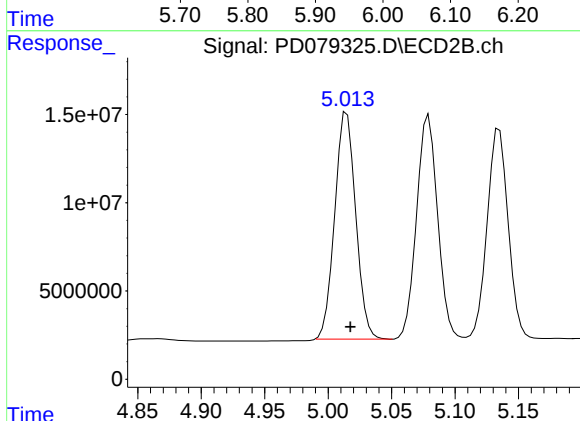
R.T.: 0.000 min  
Exp R.T.: 4.386 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

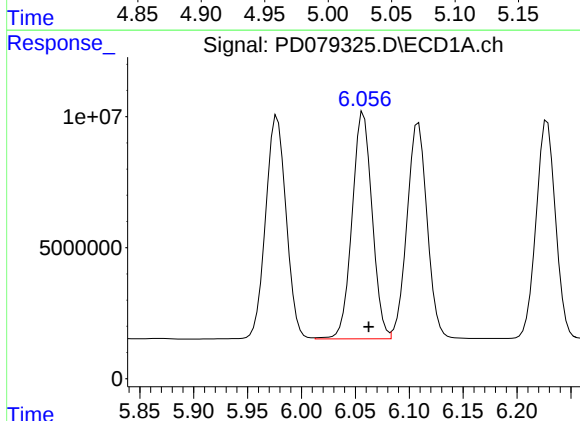
R.T.: 5.977 min  
Delta R.T.: -0.002 min  
Response: 113221233  
Conc: 365.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



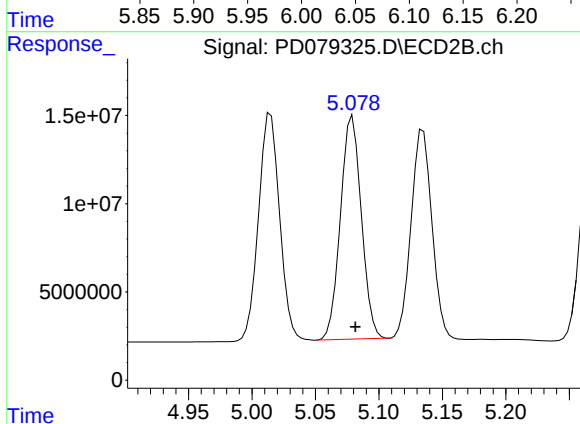
#25 Chlordane-3

R.T.: 5.015 min  
Delta R.T.: -0.003 min  
Response: 148134960  
Conc: 555.37 ng/ml



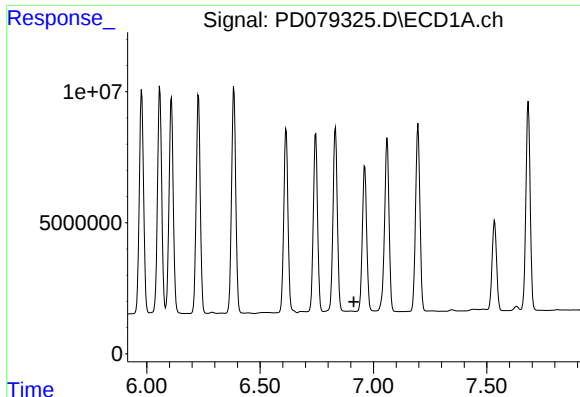
#26 Chlordane-4

R.T.: 6.058 min  
Delta R.T.: -0.005 min  
Response: 112111130  
Conc: 301.76 ng/ml



#26 Chlordane-4

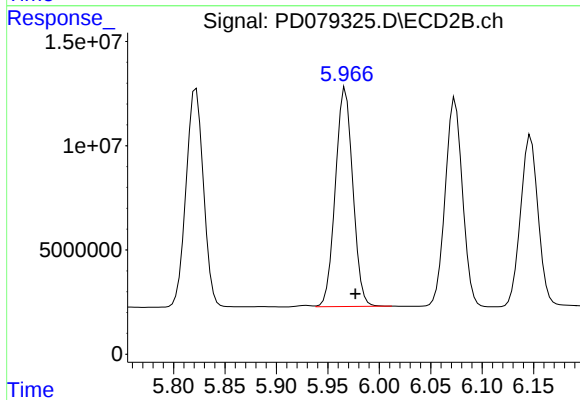
R.T.: 5.079 min  
Delta R.T.: -0.002 min  
Response: 144898381  
Conc: 590.51 ng/ml



#27 Chlordane-5

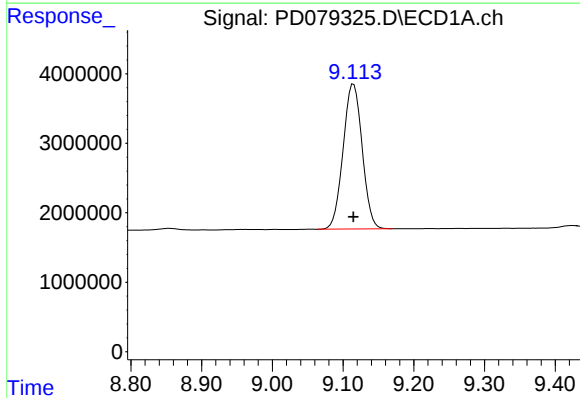
R.T.: 0.000 min  
Exp R.T.: 6.914 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



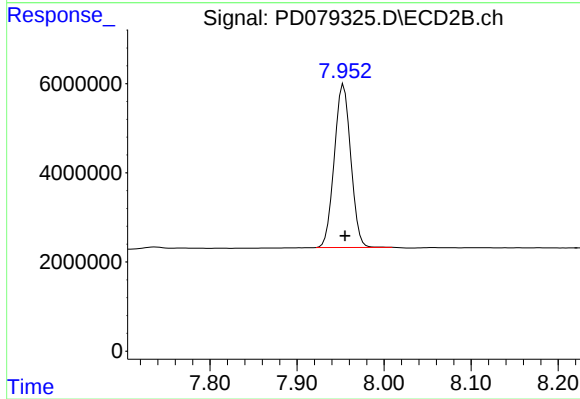
#27 Chlordane-5

R.T.: 5.967 min  
Delta R.T.: -0.010 min  
Response: 123490906  
Conc: 1239.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.000 min  
Response: 39048402  
Conc: 19.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.954 min  
Delta R.T.: -0.002 min  
Response: 48237477  
Conc: 19.79 ng/ml