

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063023\  
 Data File : PD076236.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2023 12:12  
 Operator : AR\AJ  
 Sample : 03428-02MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 01 00:22:49 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.548  | 2.767 | 45671641 | 23893867 | 21.441   | 22.023     |
| 28)                         | SA Decachlor... | 9.088  | 7.909 | 57138920 | 23786083 | 22.555   | 24.326     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.269 | 255.1E6  | 111.2E6  | 69.096   | 69.541     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.599 | 234.6E6  | 102.9E6  | 69.725   | 69.827     |
| 4)                          | MA Heptachlor   | 4.928  | 3.939 | 245.8E6  | 103.4E6  | 68.524   | 68.071     |
| 5)                          | MB Aldrin       | 5.271  | 4.218 | 235.3E6  | 99145630 | 67.149   | 66.487     |
| 6)                          | B beta-BHC      | 4.534  | 3.895 | 94826390 | 42706911 | 65.956   | 67.001     |
| 7)                          | B delta-BHC     | 4.782  | 4.125 | 235.1E6  | 102.6E6  | 70.723   | 70.822     |
| 8)                          | B Heptachlo...  | 5.699  | 4.721 | 215.5E6  | 91575285 | 66.879   | 66.666     |
| 9)                          | A Endosulfan I  | 6.085  | 5.091 | 200.5E6  | 86051454 | 66.841   | 67.322     |
| 10)                         | B gamma-Chl...  | 5.955  | 4.971 | 219.9E6  | 92819493 | 68.250   | 67.647     |
| 11)                         | B alpha-Chl...  | 6.034  | 5.036 | 214.6E6  | 91562893 | 66.372   | 66.748     |
| 12)                         | B 4,4'-DDE      | 6.206  | 5.224 | 200.8E6  | 85139485 | 70.268   | 76.279     |
| 13)                         | MA Dieldrin     | 6.361  | 5.356 | 211.7E6  | 91763946 | 67.755   | 68.015     |
| 14)                         | MA Endrin       | 6.591  | 5.632 | 181.4E6  | 82663979 | 67.833   | 67.925     |
| 15)                         | B Endosulfa...  | 6.811  | 5.925 | 169.0E6  | 74645906 | 65.418   | 69.190     |
| 16)                         | A 4,4'-DDD      | 6.724  | 5.779 | 162.5E6  | 70828354 | 71.393   | 80.371     |
| 17)                         | MA 4,4'-DDT     | 7.039  | 6.031 | 167.1E6  | 68241675 | 73.631   | 84.011     |
| 18)                         | B Endrin al...  | 6.941  | 6.105 | 103.4E6  | 57813560 | 51.520   | 66.799 #   |
| 19)                         | B Endosulfa...  | 7.176  | 6.328 | 168.4E6  | 75183335 | 66.835   | 69.575     |
| 20)                         | A Methoxychlor  | 7.515  | 6.606 | 86508430 | 35958426 | 66.833   | 77.690     |
| 21)                         | B Endrin ke...  | 7.662  | 6.834 | 188.5E6  | 85080175 | 67.647   | 70.028     |
| 22)                         | Mirex           | 8.137  | 7.016 | 133.5E6  | 64410158 | 62.314   | 61.447     |
| 23)                         | Chlordane-1     | 0.000  | 3.775 | 0        | 202007   | N.D.     | 4.413 #    |
| 24)                         | Chlordane-2     | 5.271f | 0.000 | 235.3E6  | 0        | 1787.904 | N.D. #     |
| 25)                         | Chlordane-3     | 5.955  | 4.971 | 219.9E6  | 92819493 | 423.360  | 625.220 #  |
| 26)                         | Chlordane-4     | 6.034  | 5.036 | 214.6E6  | 91562893 | 340.471  | 623.903 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.925 | 0        | 74645906 | N.D.     | 1543.309 # |
| -----                       |                 |        |       |          |          |          |            |

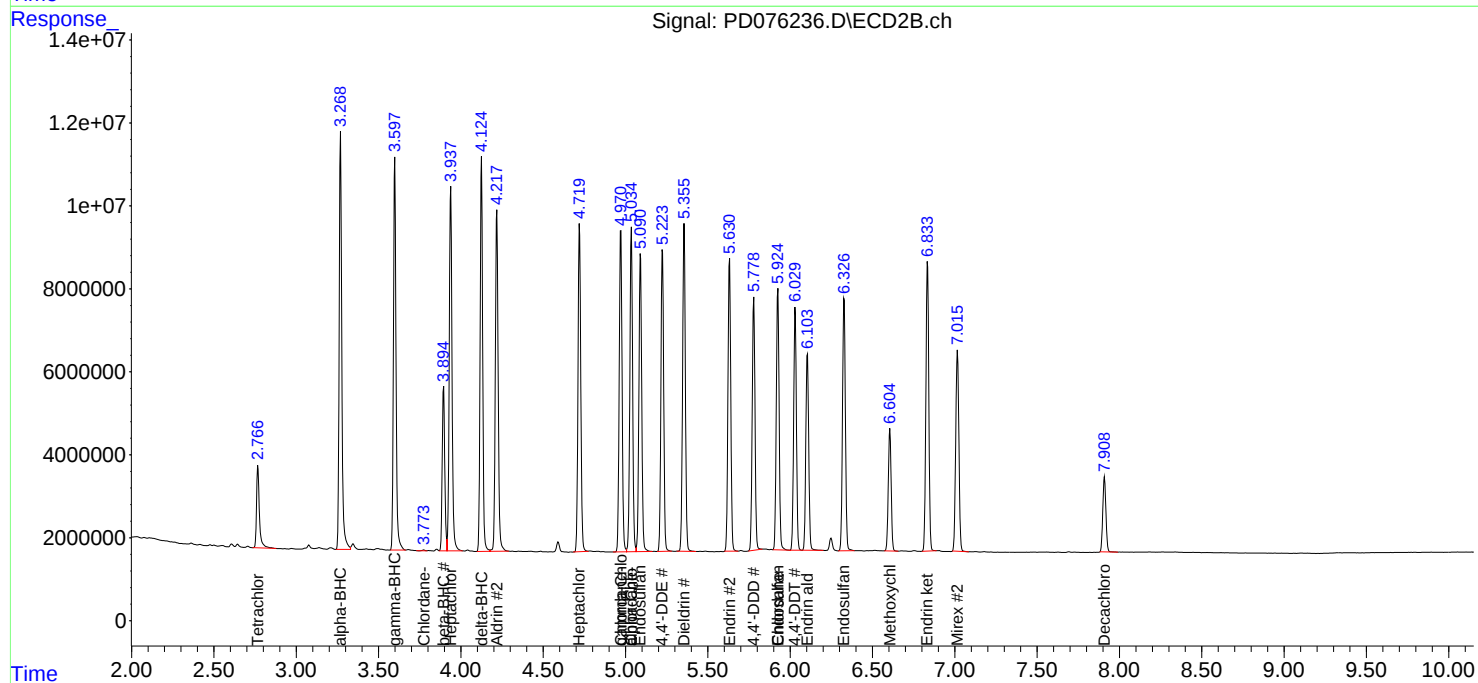
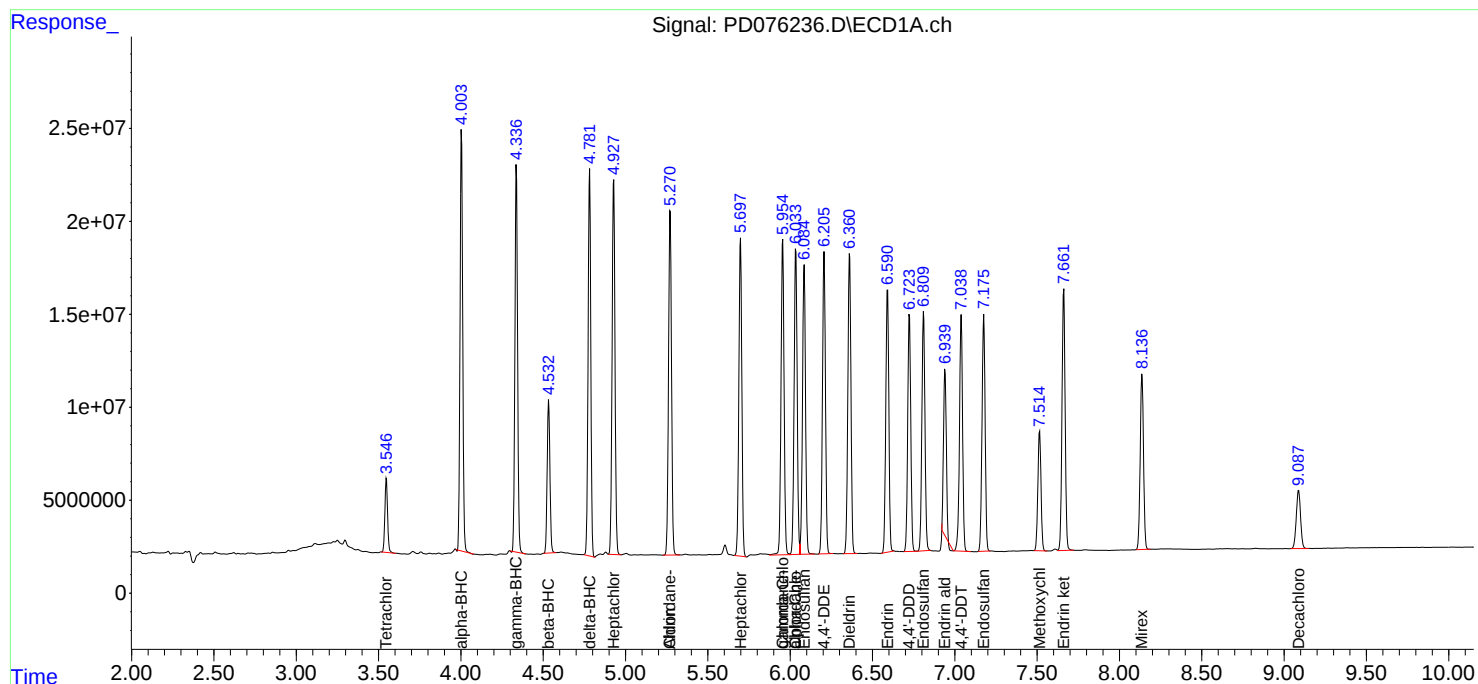
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

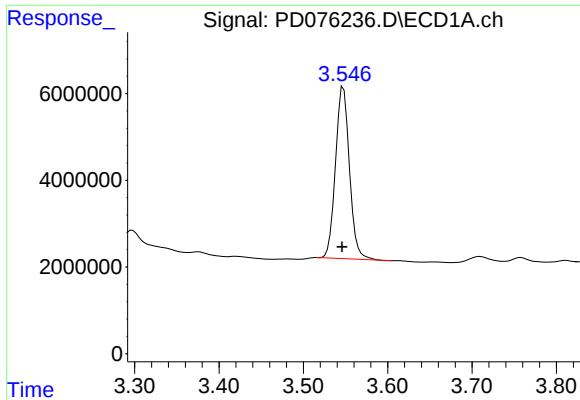
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD063023\  
Data File : PD076236.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2023 12:12  
Operator : AR\AJ  
Sample : 03428-02MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 01 00:22:49 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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

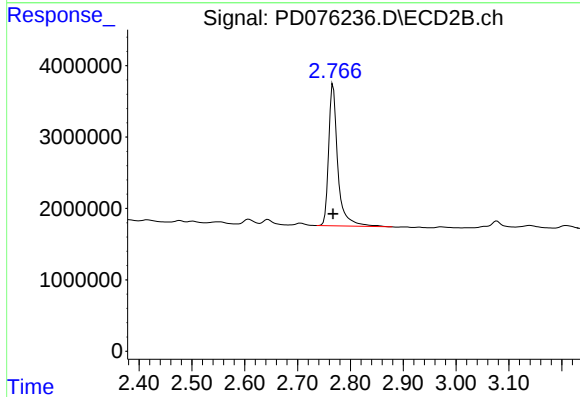




#1 Tetrachloro-m-xylene

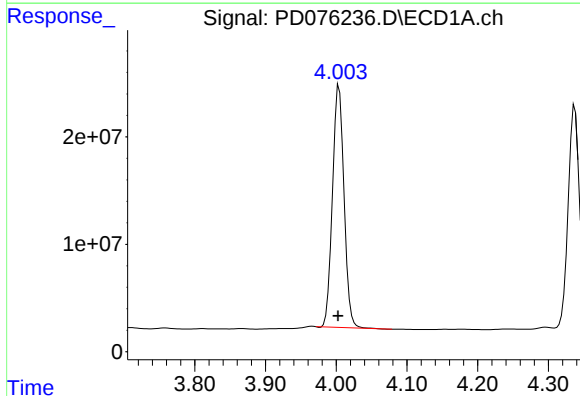
R.T.: 3.548 min  
Delta R.T.: 0.002 min  
Response: 45671641  
Conc: 21.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



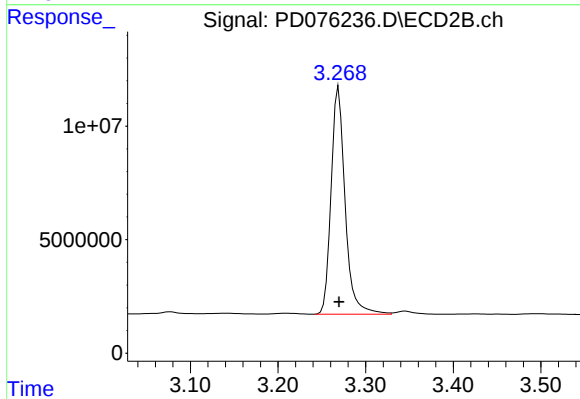
#1 Tetrachloro-m-xylene

R.T.: 2.767 min  
Delta R.T.: 0.000 min  
Response: 23893867  
Conc: 22.02 ng/ml



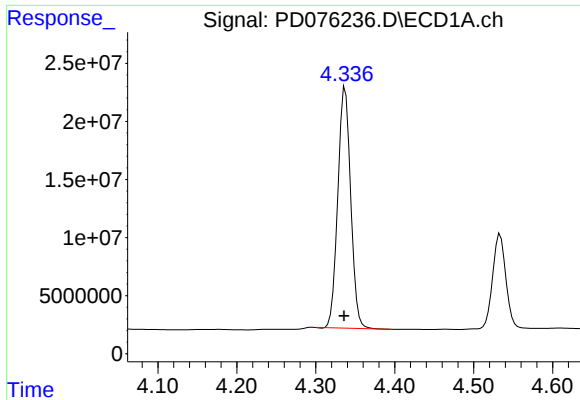
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.001 min  
Response: 255107822  
Conc: 69.10 ng/ml



#2 alpha-BHC

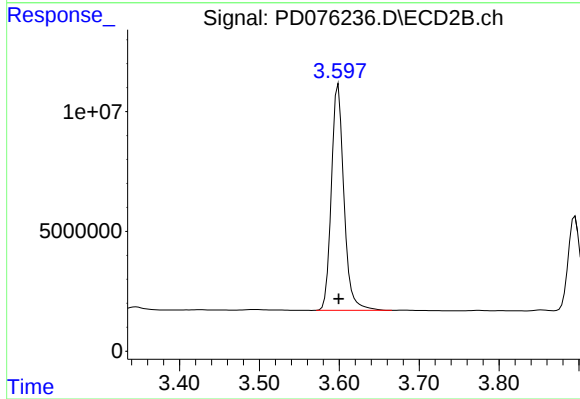
R.T.: 3.269 min  
Delta R.T.: 0.000 min  
Response: 111248787  
Conc: 69.54 ng/ml



#3 gamma-BHC (Lindane)

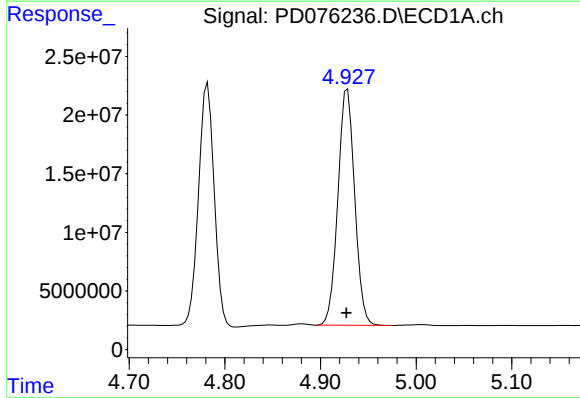
R.T.: 4.337 min  
Delta R.T.: 0.001 min  
Response: 234617019  
Conc: 69.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



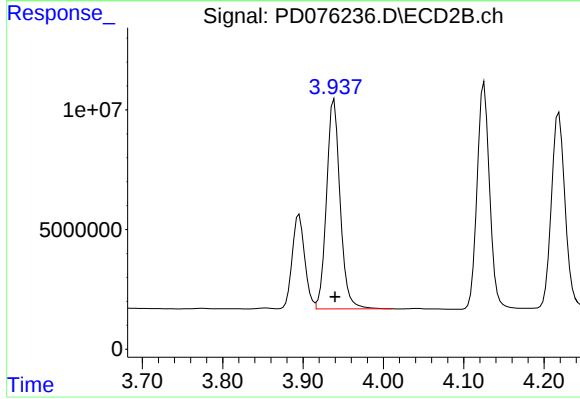
#3 gamma-BHC (Lindane)

R.T.: 3.599 min  
Delta R.T.: 0.000 min  
Response: 102885026  
Conc: 69.83 ng/ml



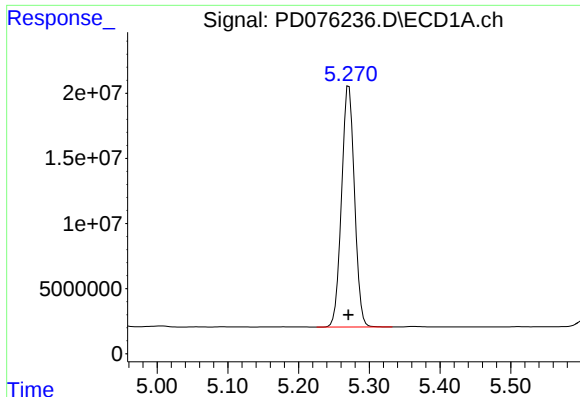
#4 Heptachlor

R.T.: 4.928 min  
Delta R.T.: 0.001 min  
Response: 245769921  
Conc: 68.52 ng/ml



#4 Heptachlor

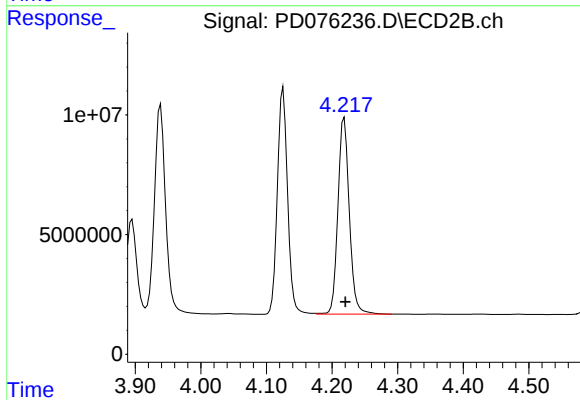
R.T.: 3.939 min  
Delta R.T.: -0.001 min  
Response: 103389899  
Conc: 68.07 ng/ml



#5 Aldrin

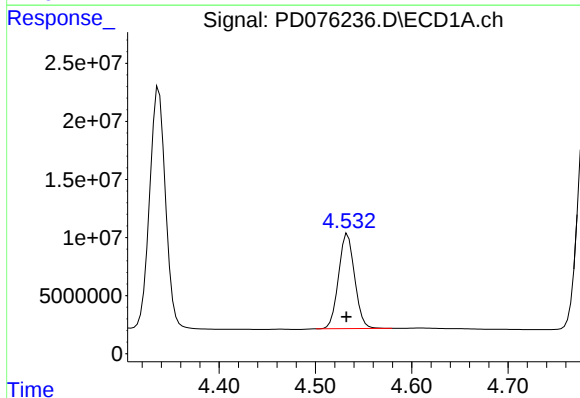
R.T.: 5.271 min  
Delta R.T.: 0.000 min  
Response: 235303132  
Conc: 67.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



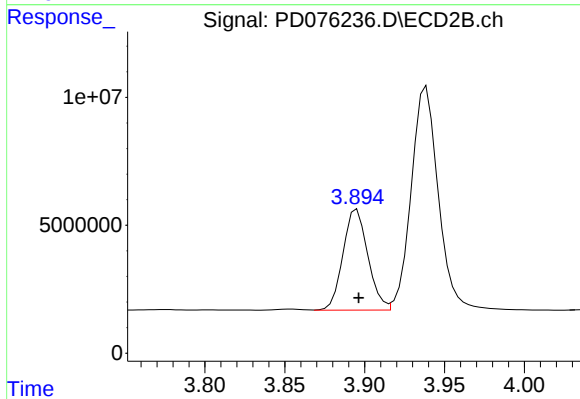
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: -0.002 min  
Response: 99145630  
Conc: 66.49 ng/ml



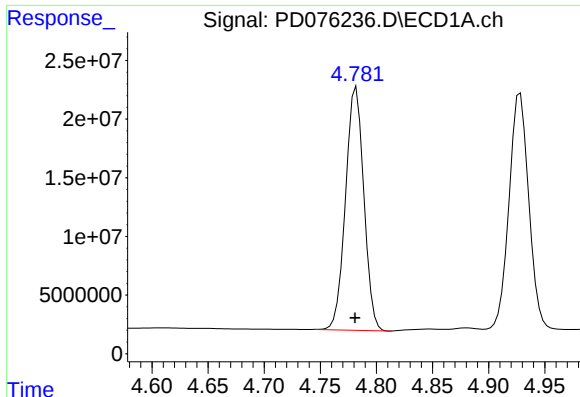
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.001 min  
Response: 94826390  
Conc: 65.96 ng/ml



#6 beta-BHC

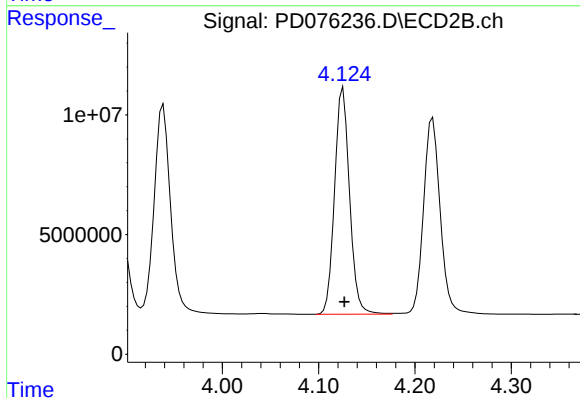
R.T.: 3.895 min  
Delta R.T.: -0.001 min  
Response: 42706911  
Conc: 67.00 ng/ml



#7 delta-BHC

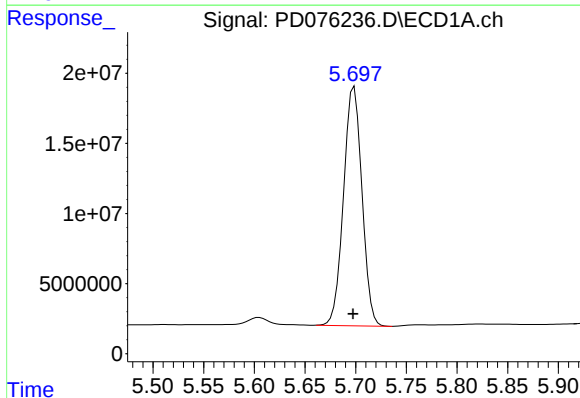
R.T.: 4.782 min  
Delta R.T.: 0.001 min  
Response: 235060207  
Conc: 70.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



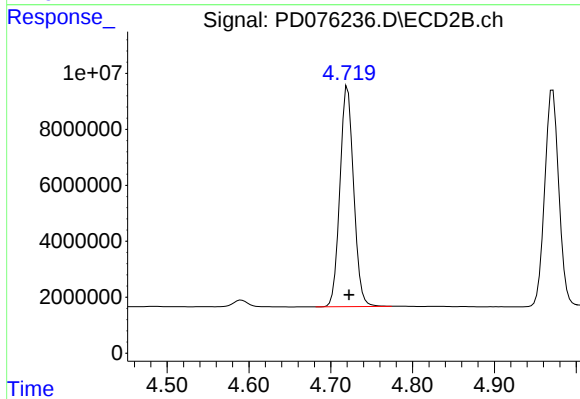
#7 delta-BHC

R.T.: 4.125 min  
Delta R.T.: -0.001 min  
Response: 102620194  
Conc: 70.82 ng/ml



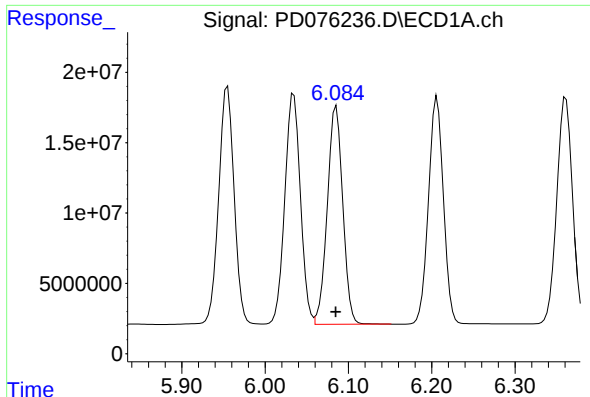
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.001 min  
Response: 215502653  
Conc: 66.88 ng/ml



#8 Heptachlor epoxide

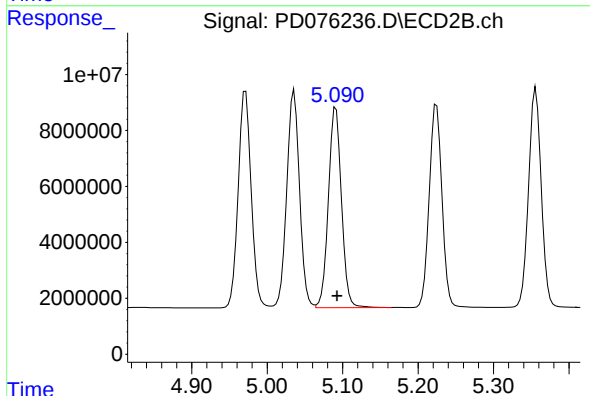
R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 91575285  
Conc: 66.67 ng/ml



#9 Endosulfan I

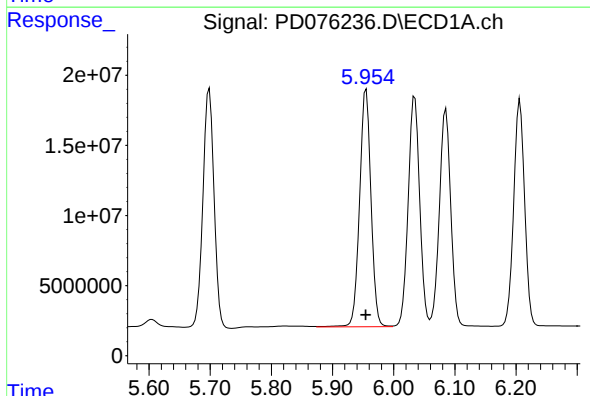
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 200488114  
Conc: 66.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



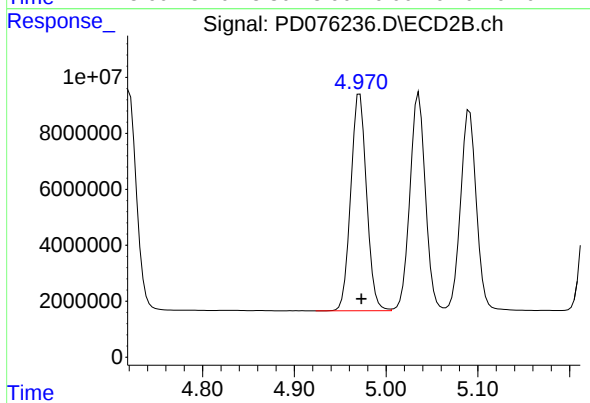
#9 Endosulfan I

R.T.: 5.091 min  
Delta R.T.: -0.002 min  
Response: 86051454  
Conc: 67.32 ng/ml



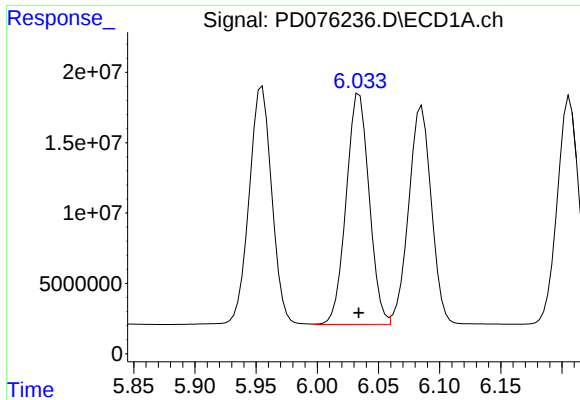
#10 gamma-Chlordane

R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 21985555  
Conc: 68.25 ng/ml



#10 gamma-Chlordane

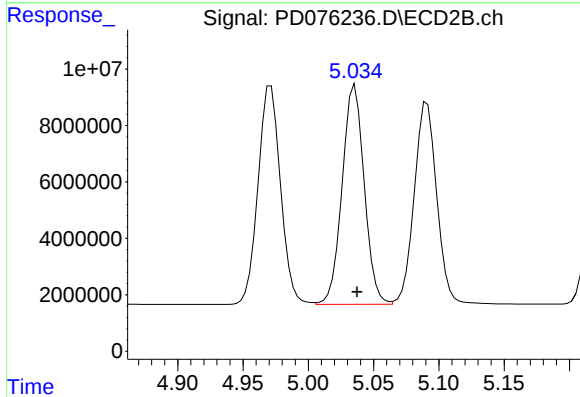
R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 92819493  
Conc: 67.65 ng/ml



#11 alpha-Chlordane

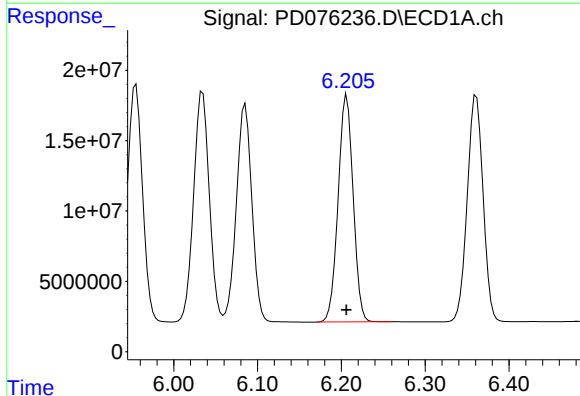
R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 214572417  
Conc: 66.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



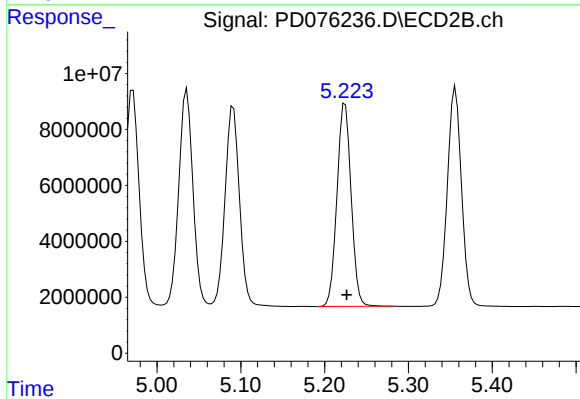
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 91562893  
Conc: 66.75 ng/ml



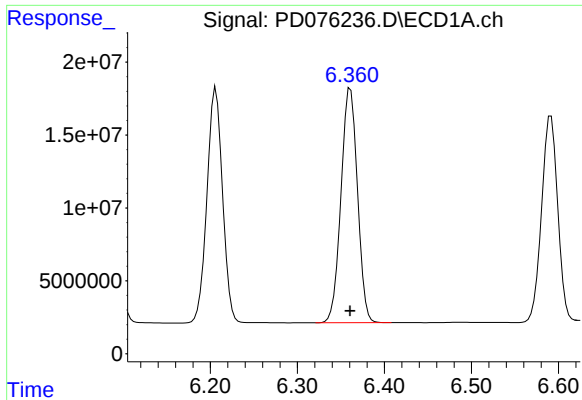
#12 4,4'-DDE

R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 200836721  
Conc: 70.27 ng/ml



#12 4,4'-DDE

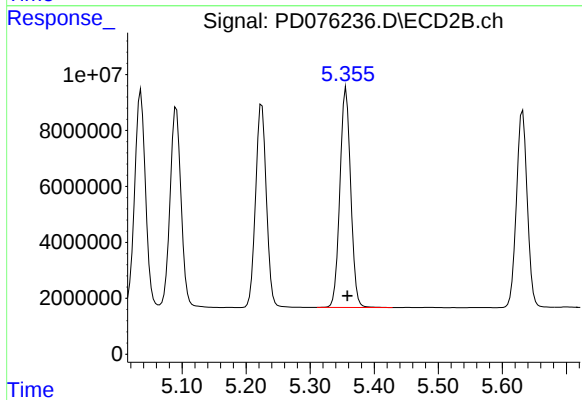
R.T.: 5.224 min  
Delta R.T.: -0.002 min  
Response: 85139485  
Conc: 76.28 ng/ml



#13 Dieldrin

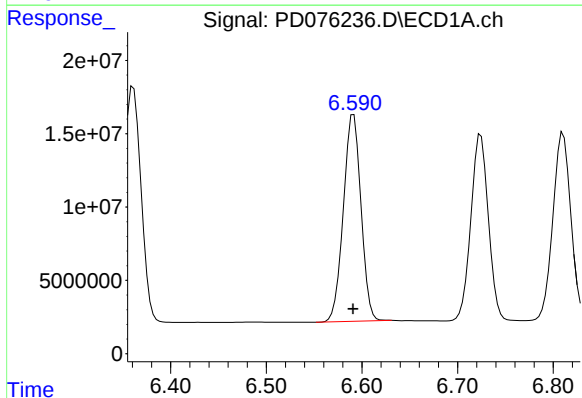
R.T.: 6.361 min  
Delta R.T.: 0.000 min  
Response: 211733432  
Conc: 67.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



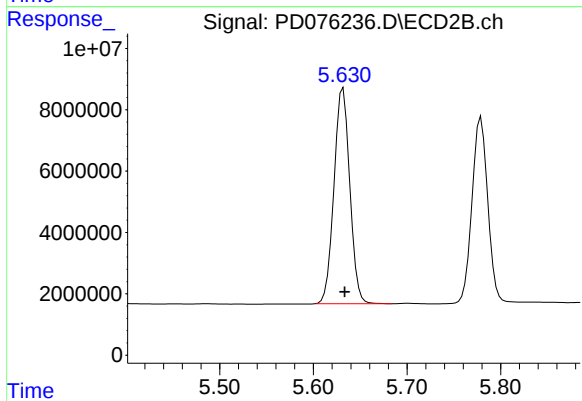
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: -0.002 min  
Response: 91763946  
Conc: 68.02 ng/ml



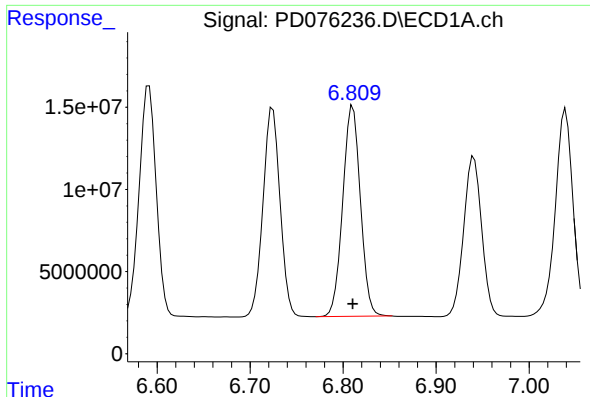
#14 Endrin

R.T.: 6.591 min  
Delta R.T.: 0.000 min  
Response: 181409481  
Conc: 67.83 ng/ml



#14 Endrin

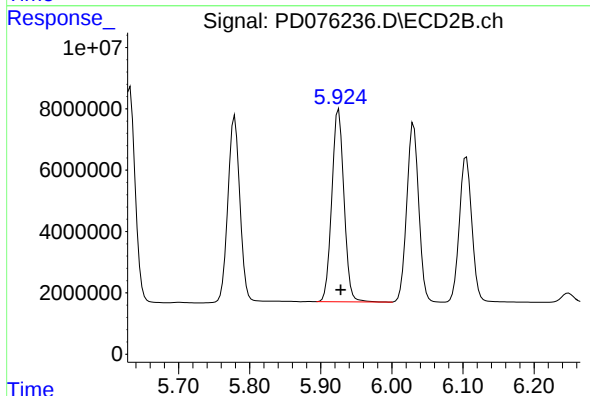
R.T.: 5.632 min  
Delta R.T.: -0.001 min  
Response: 82663979  
Conc: 67.92 ng/ml



#15 Endosulfan II

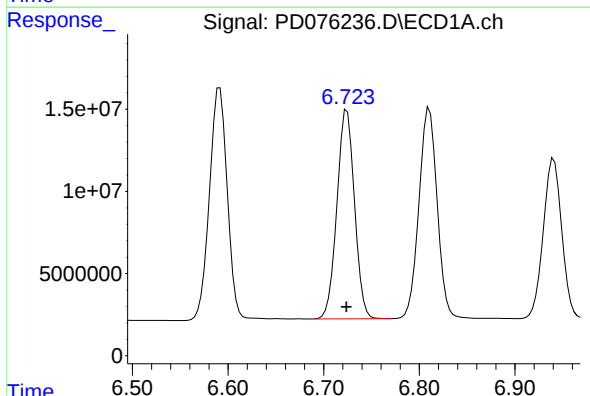
R.T.: 6.811 min  
Delta R.T.: 0.000 min  
Response: 169016132  
Conc: 65.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



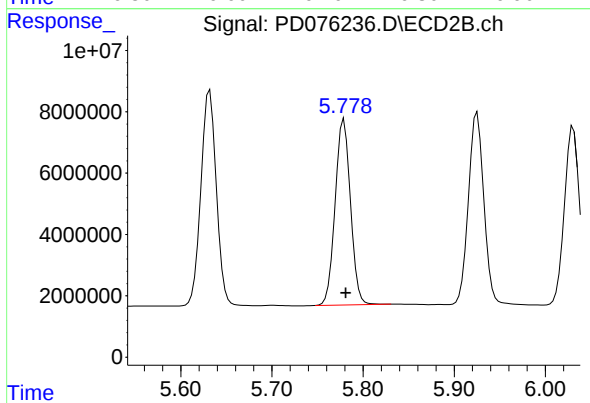
#15 Endosulfan II

R.T.: 5.925 min  
Delta R.T.: -0.003 min  
Response: 74645906  
Conc: 69.19 ng/ml



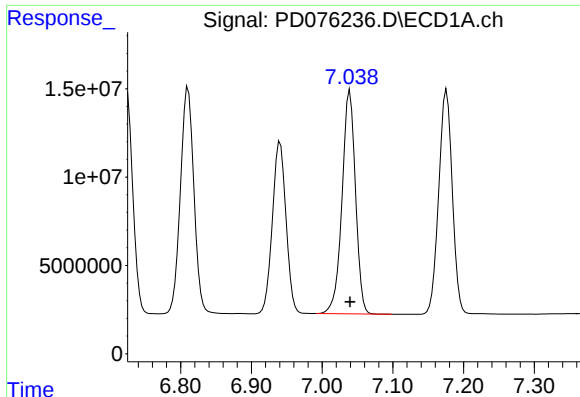
#16 4,4'-DDD

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 162464787  
Conc: 71.39 ng/ml



#16 4,4'-DDD

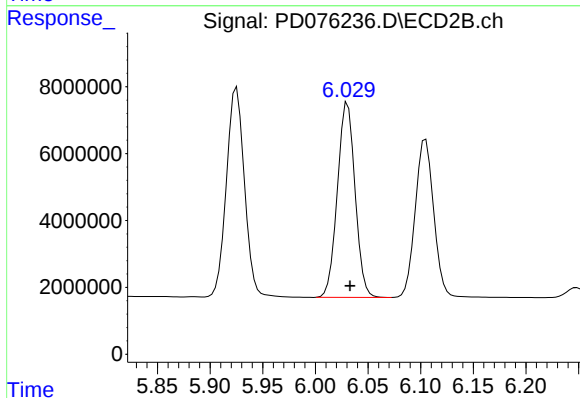
R.T.: 5.779 min  
Delta R.T.: -0.002 min  
Response: 70828354  
Conc: 80.37 ng/ml



#17 4,4'-DDT

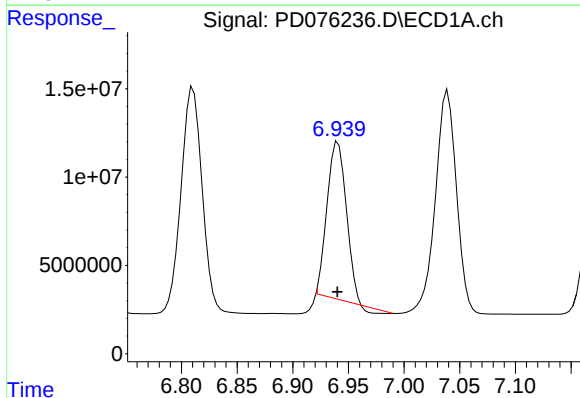
R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 167088719  
Conc: 73.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



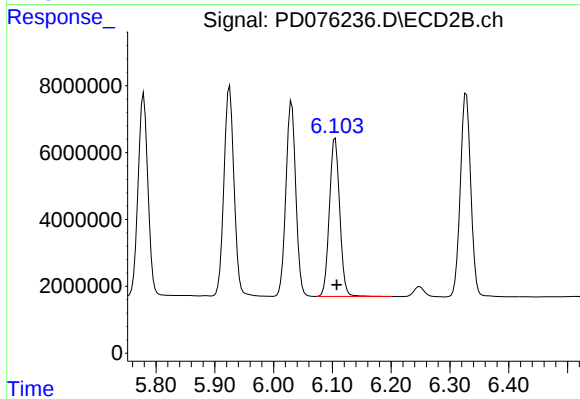
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.002 min  
Response: 68241675  
Conc: 84.01 ng/ml



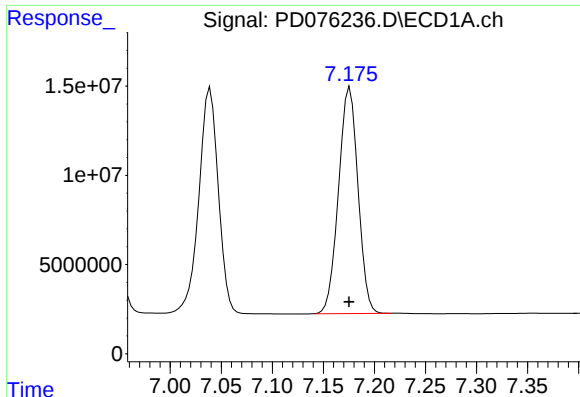
#18 Endrin aldehyde

R.T.: 6.941 min  
Delta R.T.: 0.000 min  
Response: 103379428  
Conc: 51.52 ng/ml



#18 Endrin aldehyde

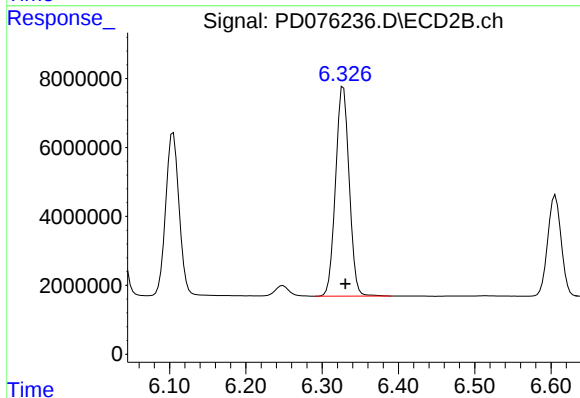
R.T.: 6.105 min  
Delta R.T.: -0.003 min  
Response: 57813560  
Conc: 66.80 ng/ml



#19 Endosulfan Sulfate

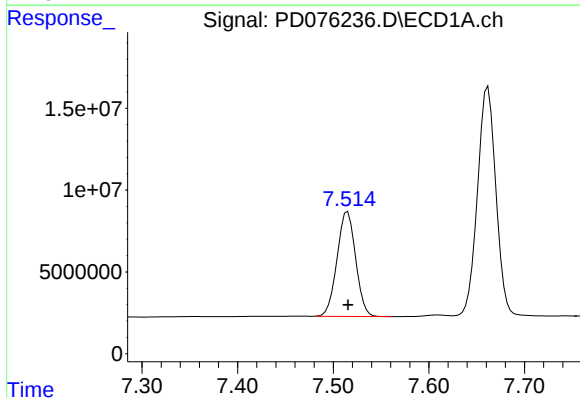
R.T.: 7.176 min  
Delta R.T.: 0.000 min  
Response: 168379674  
Conc: 66.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



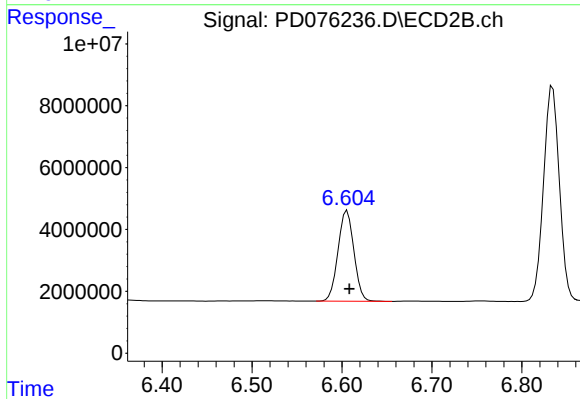
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: -0.003 min  
Response: 75183335  
Conc: 69.57 ng/ml



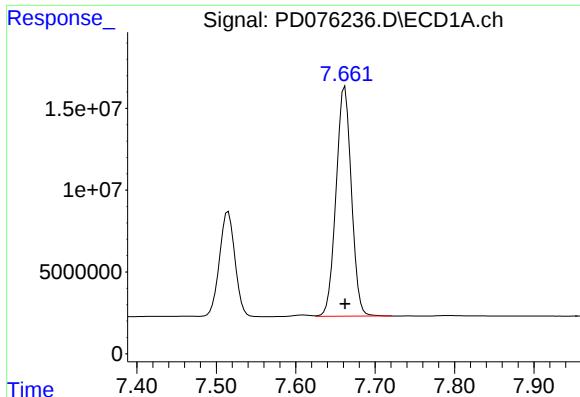
#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 86508430  
Conc: 66.83 ng/ml



#20 Methoxychlor

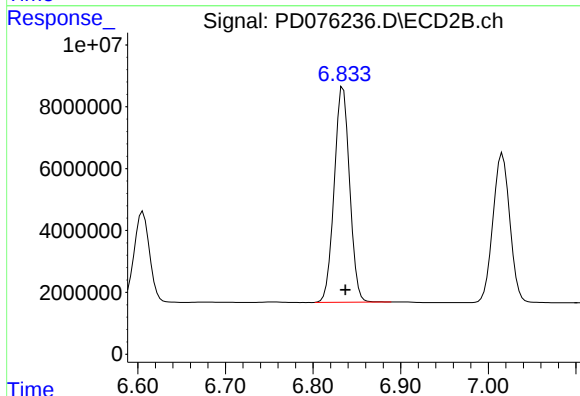
R.T.: 6.606 min  
Delta R.T.: -0.002 min  
Response: 35958426  
Conc: 77.69 ng/ml



#21 Endrin ketone

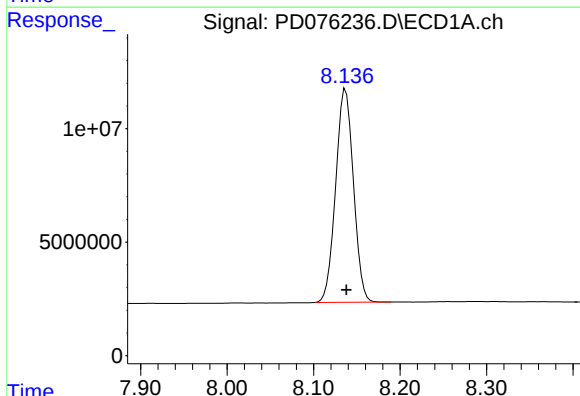
R.T.: 7.662 min  
Delta R.T.: 0.000 min  
Response: 188461848  
Conc: 67.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



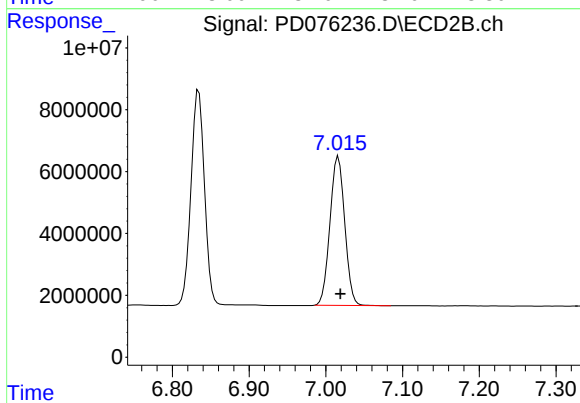
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: -0.003 min  
Response: 85080175  
Conc: 70.03 ng/ml



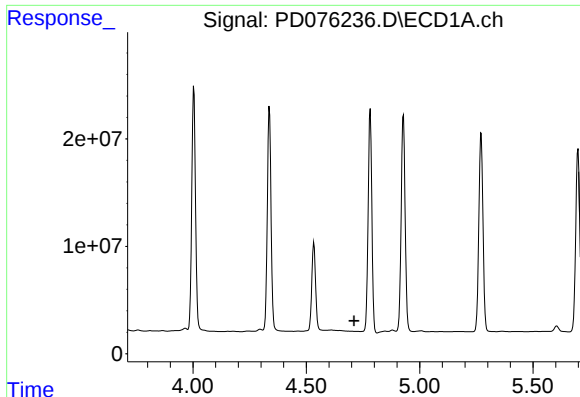
#22 Mirex

R.T.: 8.137 min  
Delta R.T.: 0.000 min  
Response: 133509829  
Conc: 62.31 ng/ml



#22 Mirex

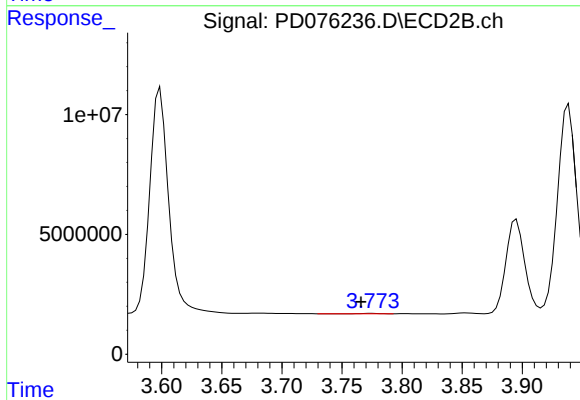
R.T.: 7.016 min  
Delta R.T.: -0.003 min  
Response: 64410158  
Conc: 61.45 ng/ml



#23 Chlordane-1

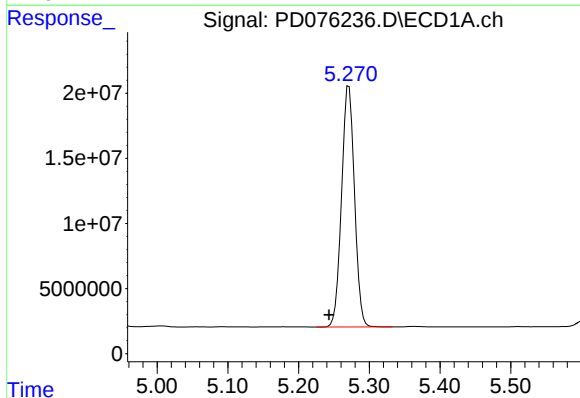
R.T.: 0.000 min  
Exp R.T.: 4.711 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



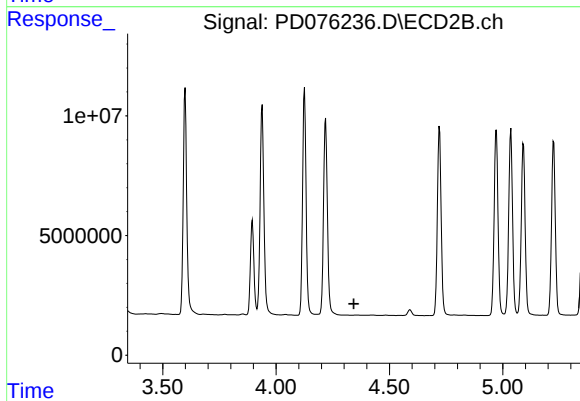
#23 Chlordane-1

R.T.: 3.775 min  
Delta R.T.: 0.009 min  
Response: 202007  
Conc: 4.41 ng/ml



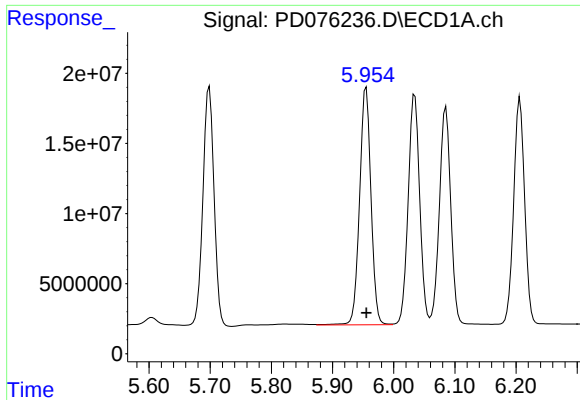
#24 Chlordane-2

R.T.: 5.271 min  
Delta R.T.: 0.028 min  
Response: 235303132  
Conc: 1787.90 ng/ml



#24 Chlordane-2

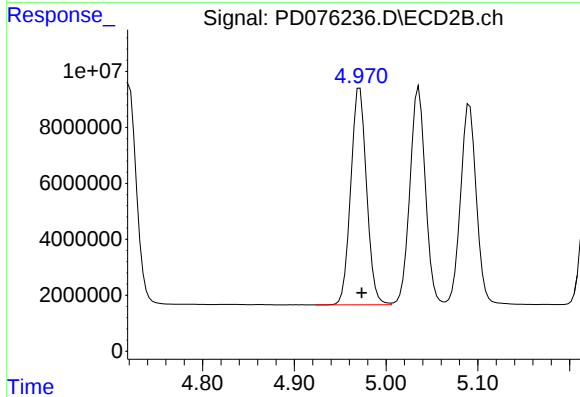
R.T.: 0.000 min  
Exp R.T.: 4.343 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

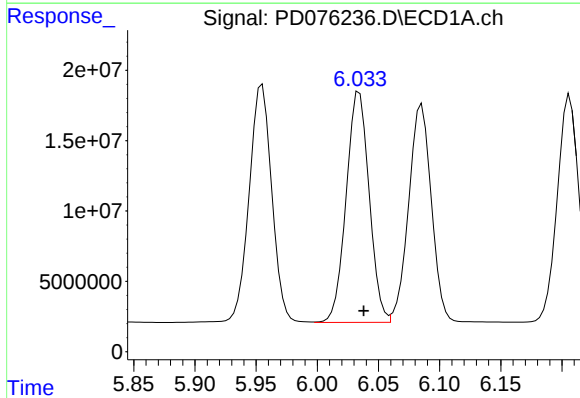
R.T.: 5.955 min  
Delta R.T.: 0.000 min  
Response: 219855555  
Conc: 423.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



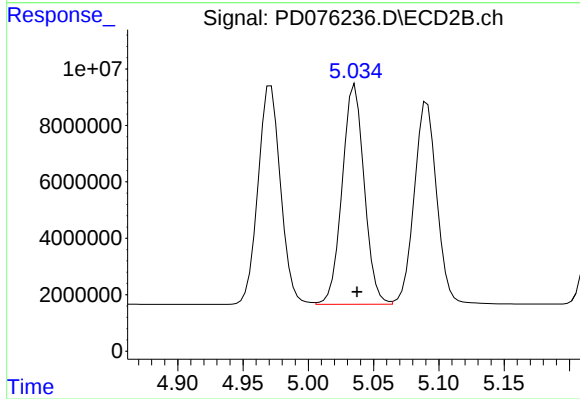
#25 Chlordane-3

R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 92819493  
Conc: 625.22 ng/ml



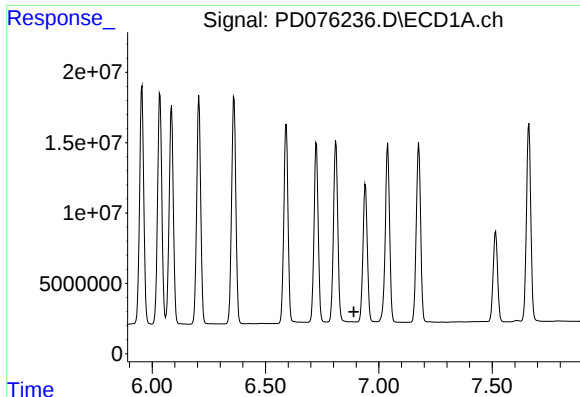
#26 Chlordane-4

R.T.: 6.034 min  
Delta R.T.: -0.003 min  
Response: 214572417  
Conc: 340.47 ng/ml



#26 Chlordane-4

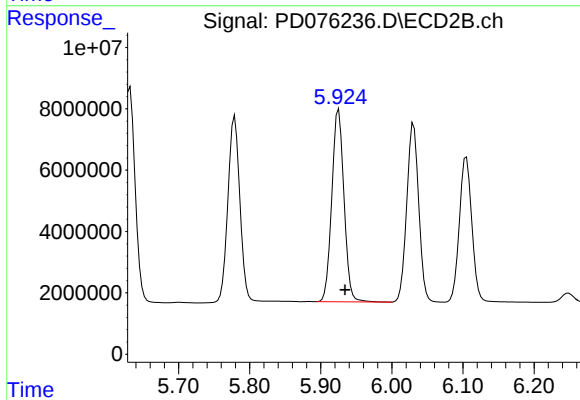
R.T.: 5.036 min  
Delta R.T.: -0.001 min  
Response: 91562893  
Conc: 623.90 ng/ml



#27 Chlordane-5

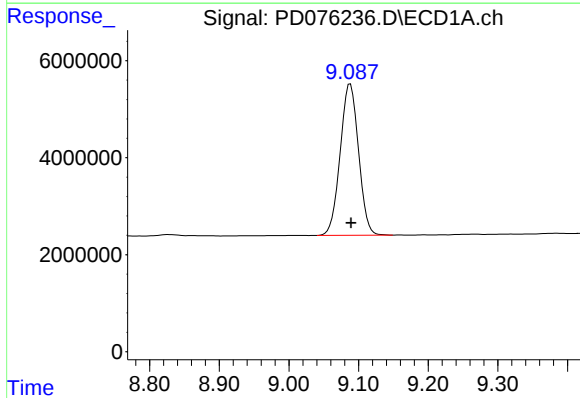
R.T.: 0.000 min  
Exp R.T.: 6.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



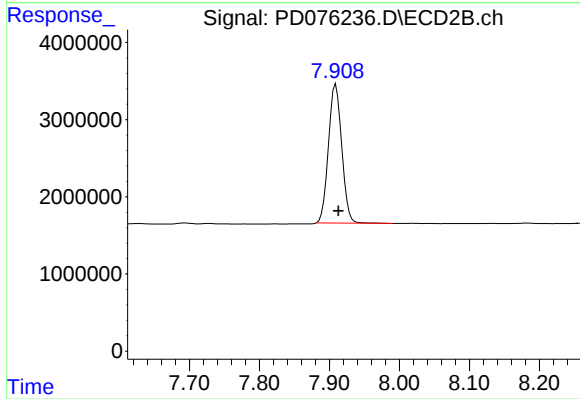
#27 Chlordane-5

R.T.: 5.925 min  
Delta R.T.: -0.009 min  
Response: 74645906  
Conc: 1543.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min  
Delta R.T.: 0.000 min  
Response: 57138920  
Conc: 22.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.004 min  
Response: 23786083  
Conc: 24.33 ng/ml