

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032019\  
 Data File : PD051896.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Mar 2019 9:48  
 Operator : AJ\SJ  
 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: Mar 20 11:17:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 01 23:43:17 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.223  | 4.043  | 74680750 | 1396.1E6 | 56.323   | 48.683     |
| 28)                         | SA Decachlor... | 7.820  | 9.154  | 49761413 | 775.8E6  | 43.778   | 42.467     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.643  | 4.435  | 127.2E6  | 2221.8E6 | 57.951   | 50.923     |
| 3)                          | MA gamma-BHC... | 3.911  | 4.723  | 120.4E6  | 2001.2E6 | 57.651   | 50.525     |
| 4)                          | MA Heptachlor   | 4.188  | 5.236  | 118.6E6  | 1923.5E6 | 55.265   | 50.156     |
| 5)                          | MB Aldrin       | 4.420  | 5.543  | 117.0E6  | 1815.3E6 | 57.476   | 50.682     |
| 6)                          | B beta-BHC      | 4.156  | 4.892  | 47813604 | 881.1E6  | 54.304   | 49.025     |
| 7)                          | B delta-BHC     | 4.345  | 5.112  | 115.7E6  | 1864.0E6 | 57.059   | 54.239     |
| 8)                          | B Heptachlo...  | 4.847  | 5.931  | 111.0E6  | 1629.1E6 | 56.442   | 50.807     |
| 9)                          | A Endosulfan I  | 5.169  | 6.289  | 104.2E6  | 1489.5E6 | 56.212   | 50.243     |
| 10)                         | B gamma-Chl...  | 5.064  | 6.165  | 114.3E6  | 1659.3E6 | 56.423   | 51.888     |
| 11)                         | B alpha-Chl...  | 5.121  | 6.238  | 112.4E6  | 1590.6E6 | 55.941   | 50.185     |
| 12)                         | B 4,4'-DDE      | 5.290  | 6.394  | 104.8E6  | 1523.9E6 | 55.925   | 49.271     |
| 13)                         | MA Dieldrin     | 5.404  | 6.547  | 113.3E6  | 1543.3E6 | 56.346   | 50.017     |
| 14)                         | MA Endrin       | 5.651  | 6.766  | 87422278 | 1109.1E6 | 45.630   | 42.475     |
| 15)                         | B Endosulfa...  | 5.920  | 6.974  | 98604193 | 1283.6E6 | 54.715   | 49.829     |
| 16)                         | A 4,4'-DDD      | 5.791  | 6.886  | 86668825 | 1207.7E6 | 55.048   | 49.171     |
| 17)                         | MA 4,4'-DDT     | 6.022  | 7.186  | 81417893 | 1001.7E6 | 50.960   | 49.449     |
| 18)                         | B Endrin al...  | 6.087  | 7.099  | 82226311 | 1092.7E6 | 55.589   | 50.966     |
| 19)                         | B Endosulfa...  | 6.295  | 7.323  | 84249141 | 1132.3E6 | 50.957   | 48.306     |
| 20)                         | A Methoxychlor  | 6.568  | 7.645  | 41038401 | 551.3E6  | 46.211   | 50.089     |
| 21)                         | B Endrin ke...  | 6.770  | 7.797  | 101.7E6  | 1148.2E6 | 54.924   | 50.825     |
| 22)                         | Mirex           | 6.939  | 8.255  | 65287184 | 722.7E6  | 51.899   | 46.703     |
| 23)                         | Chlordane-1     | 4.076f | 5.021f | 1151981  | 3150186  | 18.011   | 2.057 #    |
| 24)                         | Chlordane-2     | 0.000  | 5.543f | 0        | 1815.3E6 | N.D.     | 1280.205 # |
| 25)                         | Chlordane-3     | 5.064  | 6.165  | 114.3E6  | 1659.3E6 | 491.253  | 372.625    |
| 26)                         | Chlordane-4     | 5.121  | 6.238  | 112.4E6  | 1590.6E6 | 502.794  | 303.713 #  |
| 27)                         | Chlordane-5     | 5.920  | 0.000  | 98604193 | 0        | 1372.807 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

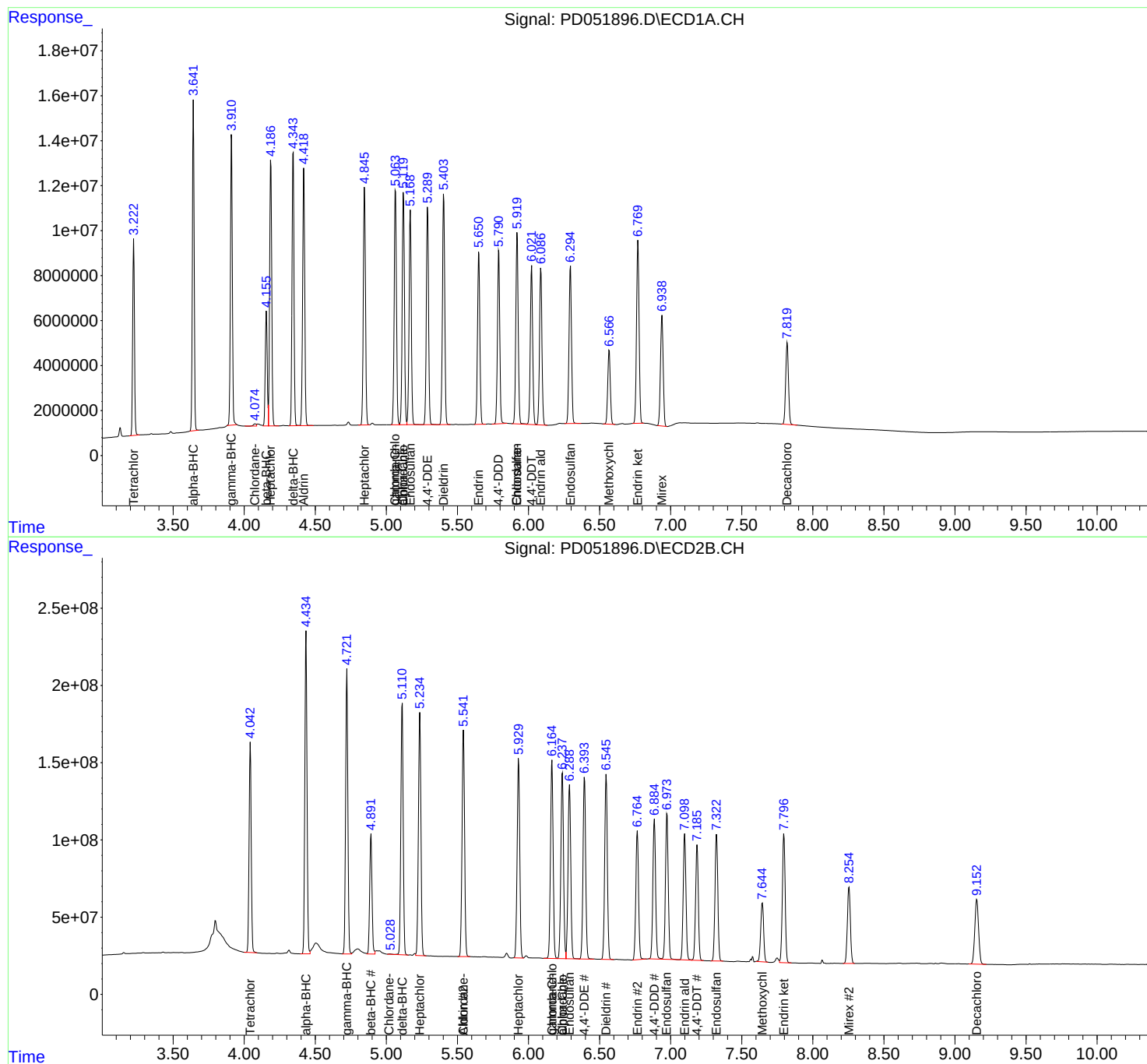
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

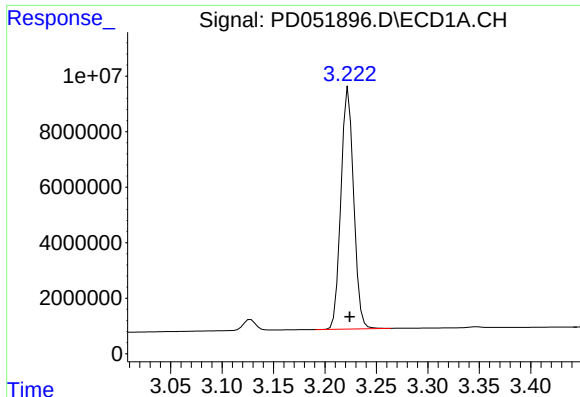
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032019\  
Data File : PD051896.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Mar 2019 9:48  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 20 11:17:52 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD030219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 01 23:43:17 2019  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

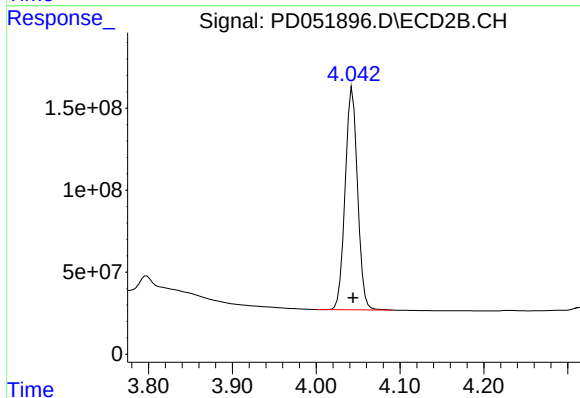




#1 Tetrachloro-m-xylene

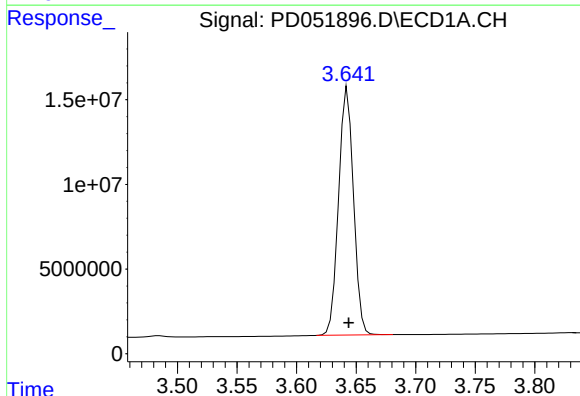
R.T.: 3.223 min  
Delta R.T.: -0.001 min  
Response: 74680750  
Conc: 56.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



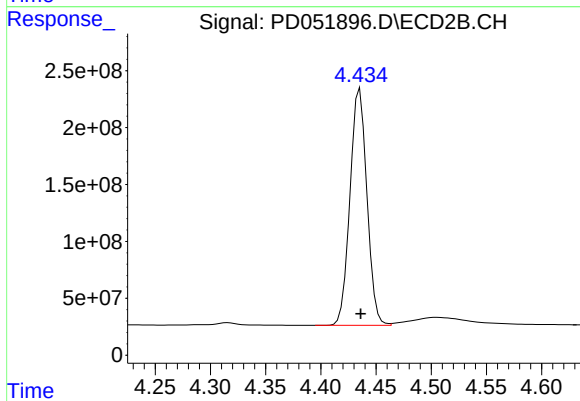
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 1396074544  
Conc: 48.68 ng/ml



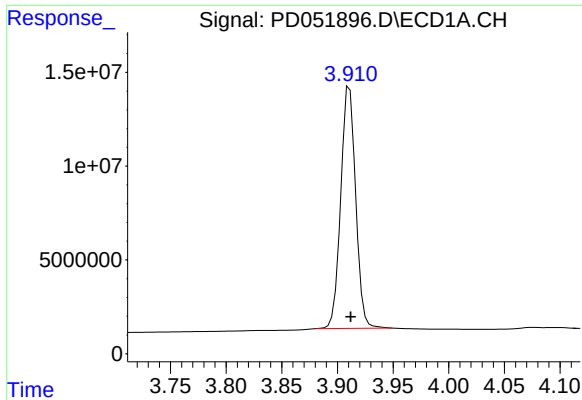
#2 alpha-BHC

R.T.: 3.643 min  
Delta R.T.: 0.000 min  
Response: 127213731  
Conc: 57.95 ng/ml



#2 alpha-BHC

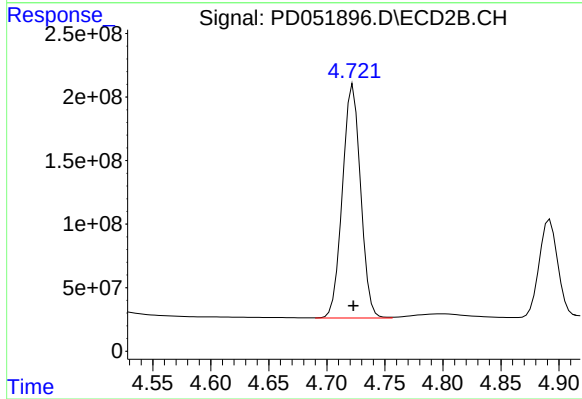
R.T.: 4.435 min  
Delta R.T.: 0.000 min  
Response: 2221770130  
Conc: 50.92 ng/ml



#3 gamma-BHC (Lindane)

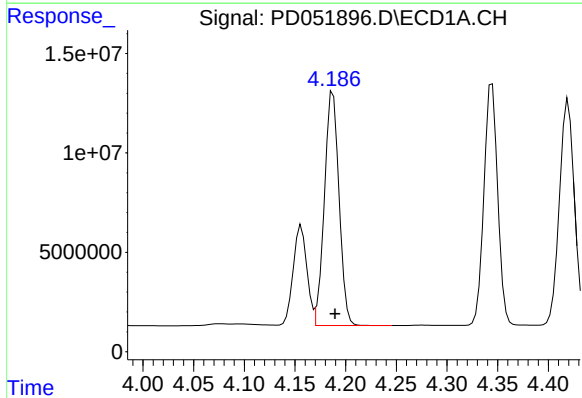
R.T.: 3.911 min  
Delta R.T.: -0.001 min  
Response: 120448400  
Conc: 57.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



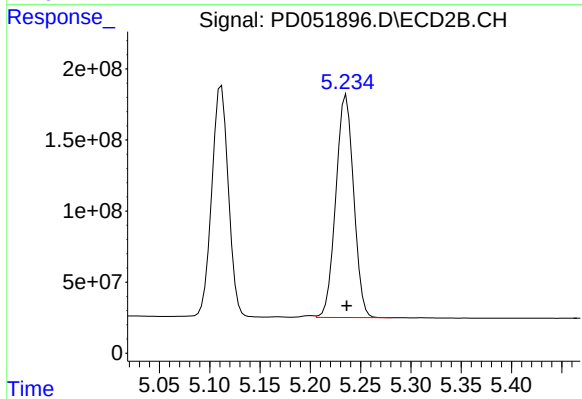
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 2001151086  
Conc: 50.52 ng/ml



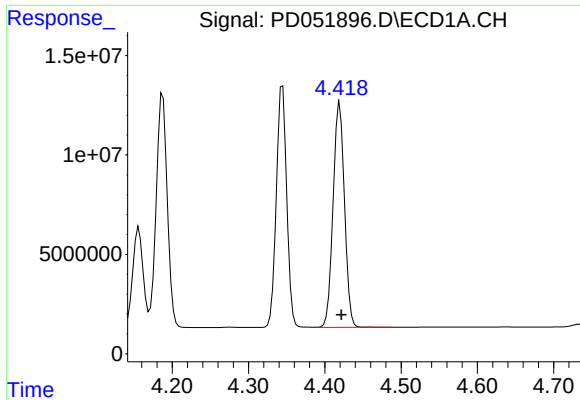
#4 Heptachlor

R.T.: 4.188 min  
Delta R.T.: -0.002 min  
Response: 118564895  
Conc: 55.26 ng/ml



#4 Heptachlor

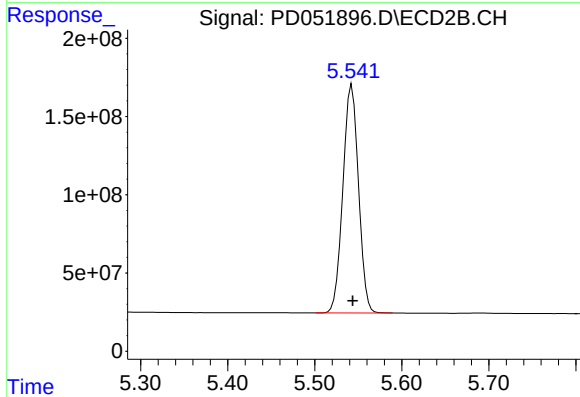
R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 1923459509  
Conc: 50.16 ng/ml



#5 Aldrin

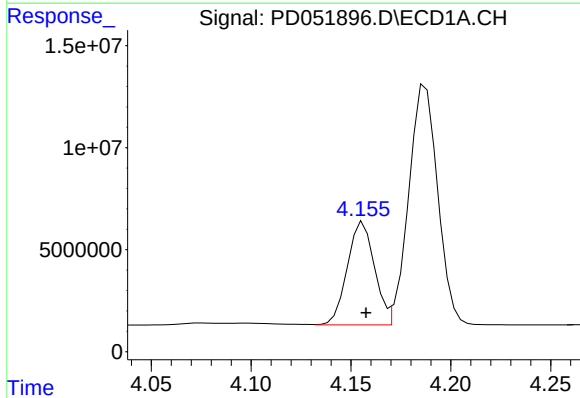
R.T.: 4.420 min  
Delta R.T.: -0.002 min  
Response: 11700670  
Conc: 57.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



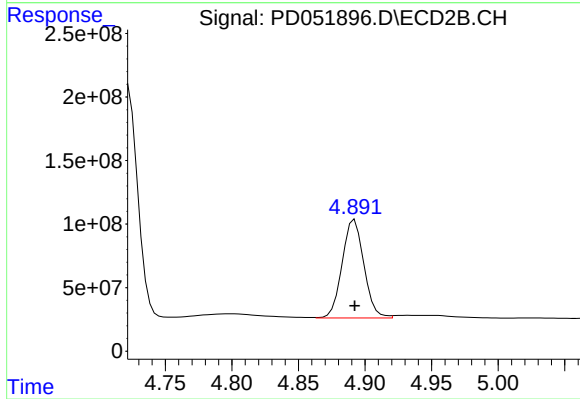
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: -0.001 min  
Response: 1815318511  
Conc: 50.68 ng/ml



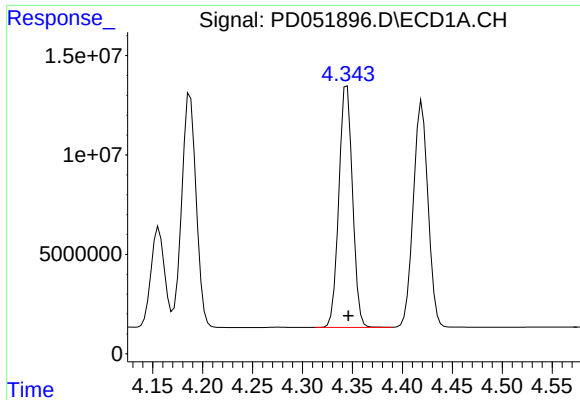
#6 beta-BHC

R.T.: 4.156 min  
Delta R.T.: -0.001 min  
Response: 47813604  
Conc: 54.30 ng/ml



#6 beta-BHC

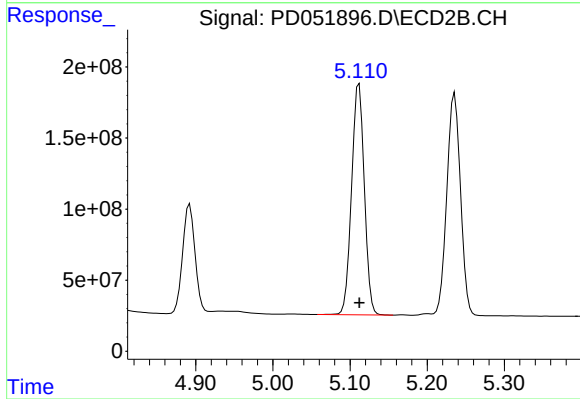
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 881142314  
Conc: 49.03 ng/ml



#7 delta-BHC

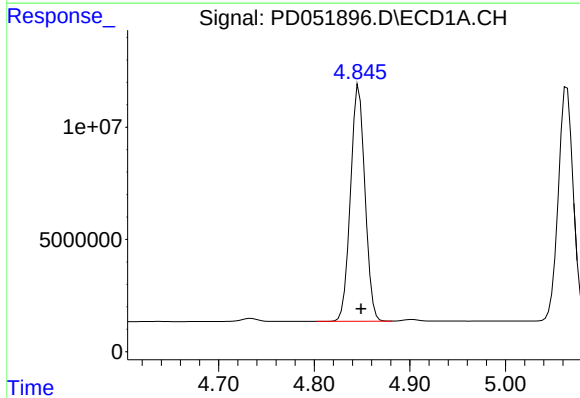
R.T.: 4.345 min  
Delta R.T.: -0.001 min  
Response: 115706356  
Conc: 57.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



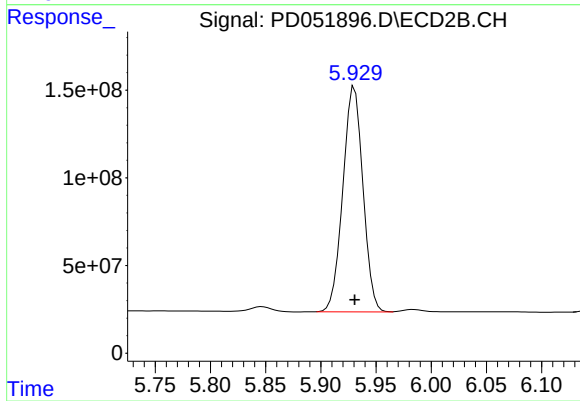
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 1863982531  
Conc: 54.24 ng/ml



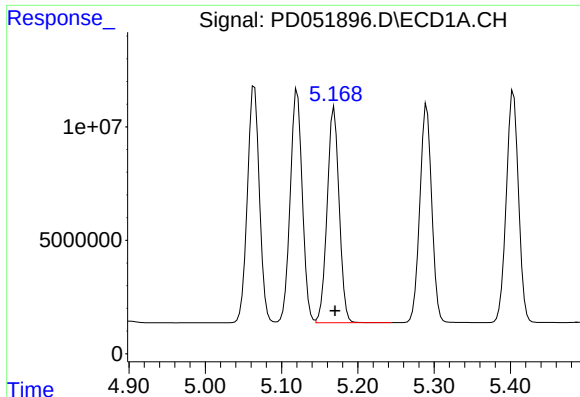
#8 Heptachlor epoxide

R.T.: 4.847 min  
Delta R.T.: -0.002 min  
Response: 110966524  
Conc: 56.44 ng/ml



#8 Heptachlor epoxide

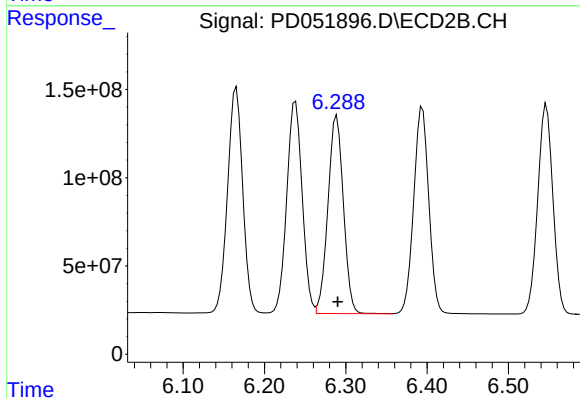
R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 1629146824  
Conc: 50.81 ng/ml



#9 Endosulfan I

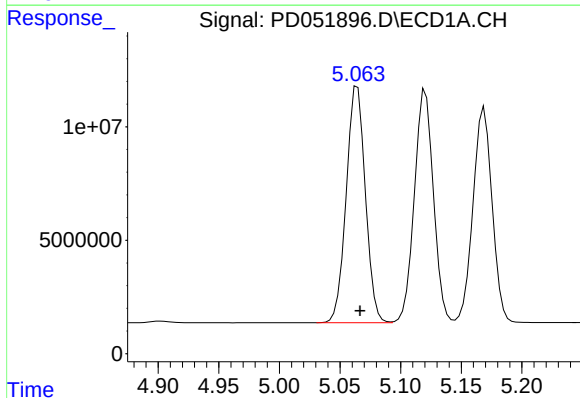
R.T.: 5.169 min  
Delta R.T.: -0.001 min  
Response: 104176129  
Conc: 56.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



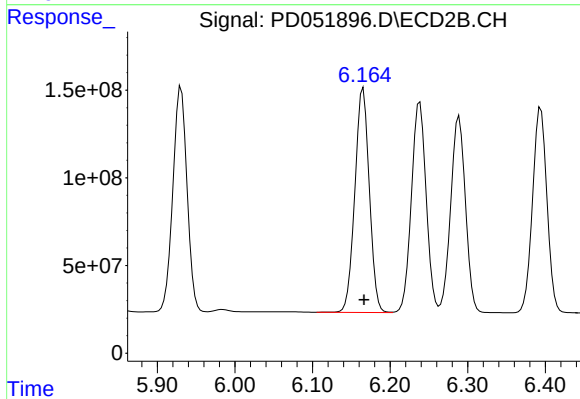
#9 Endosulfan I

R.T.: 6.289 min  
Delta R.T.: -0.001 min  
Response: 1489500014  
Conc: 50.24 ng/ml



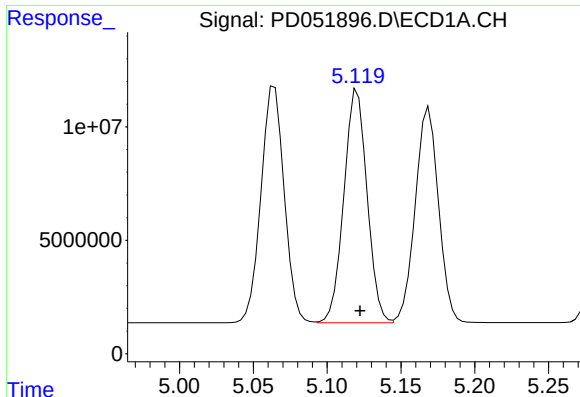
#10 gamma-Chlordane

R.T.: 5.064 min  
Delta R.T.: -0.002 min  
Response: 114334009  
Conc: 56.42 ng/ml



#10 gamma-Chlordane

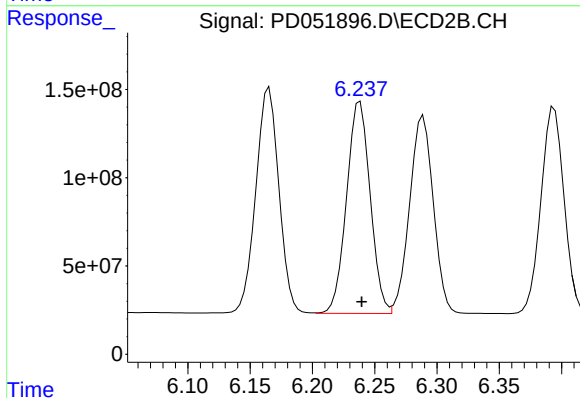
R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 1659342199  
Conc: 51.89 ng/ml



#11 alpha-Chlordane

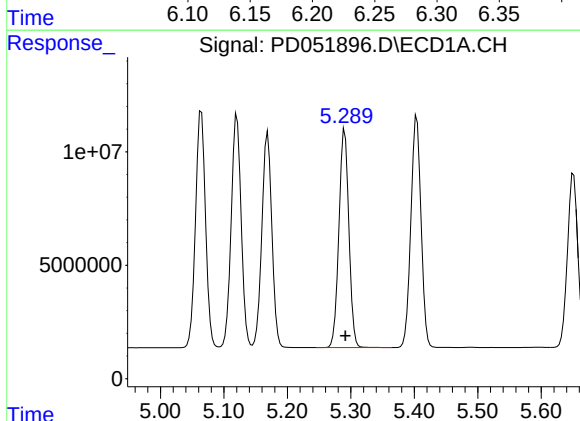
R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 112428147  
Conc: 55.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



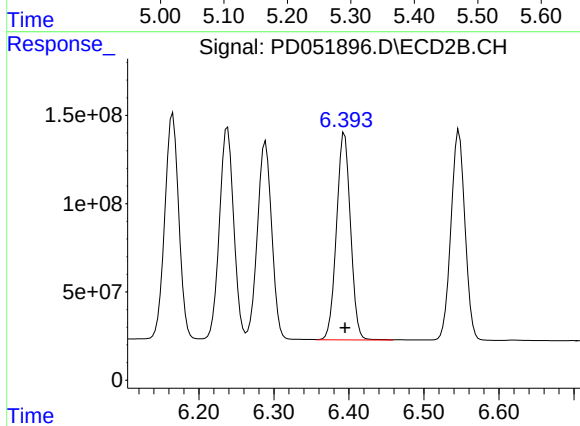
#11 alpha-Chlordane

R.T.: 6.238 min  
Delta R.T.: -0.001 min  
Response: 1590561600  
Conc: 50.19 ng/ml



#12 4,4'-DDE

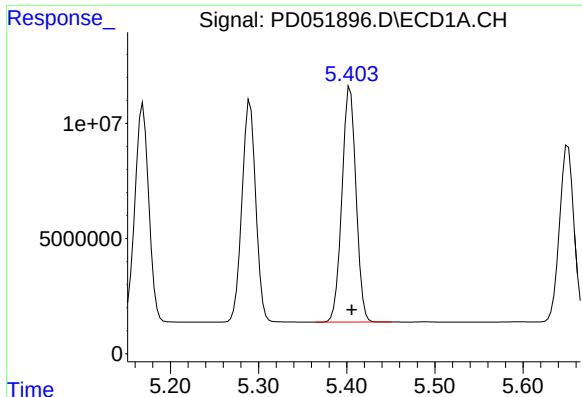
R.T.: 5.290 min  
Delta R.T.: -0.001 min  
Response: 104767292  
Conc: 55.93 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min  
Delta R.T.: 0.000 min  
Response: 1523921463  
Conc: 49.27 ng/ml

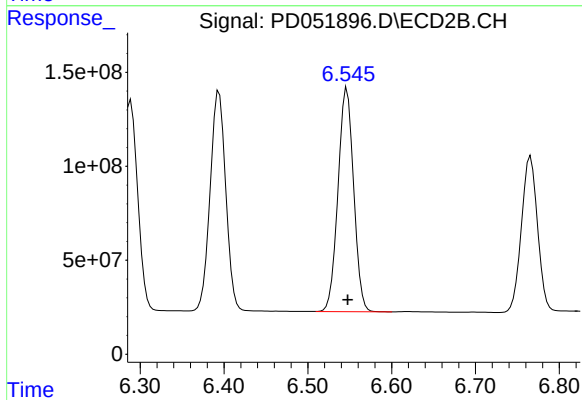




#13 Dieldrin

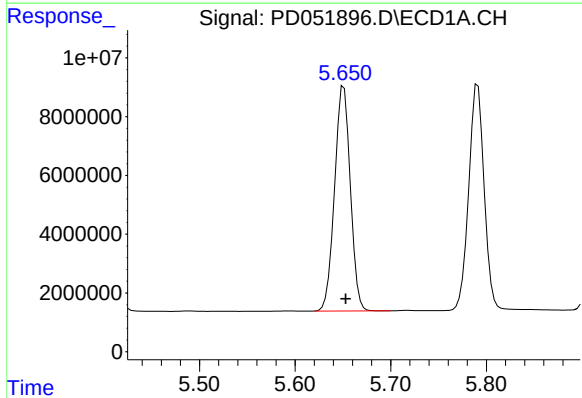
R.T.: 5.404 min  
Delta R.T.: -0.002 min  
Response: 113273517  
Conc: 56.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



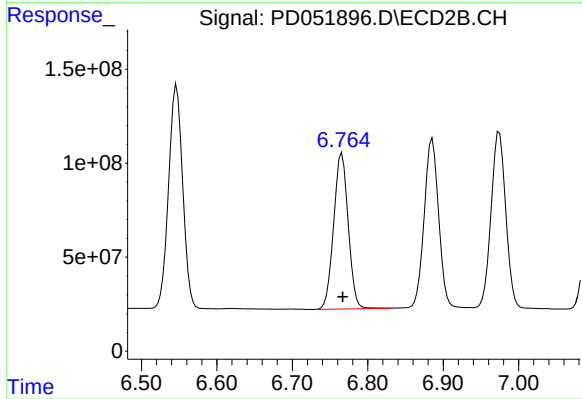
#13 Dieldrin

R.T.: 6.547 min  
Delta R.T.: 0.000 min  
Response: 1543300454  
Conc: 50.02 ng/ml



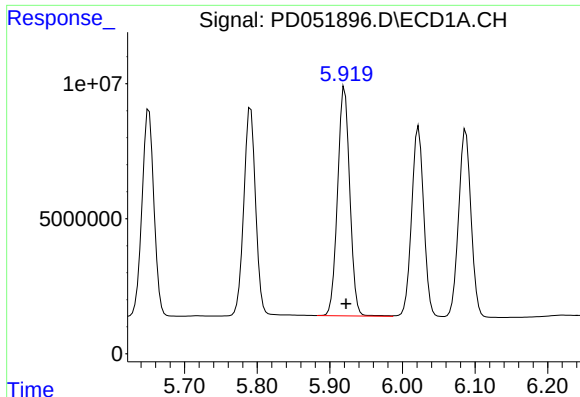
#14 Endrin

R.T.: 5.651 min  
Delta R.T.: -0.002 min  
Response: 87422278  
Conc: 45.63 ng/ml



#14 Endrin

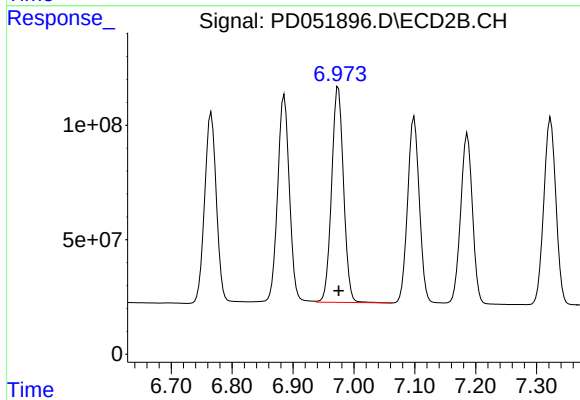
R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 1109114244  
Conc: 42.48 ng/ml



#15 Endosulfan II

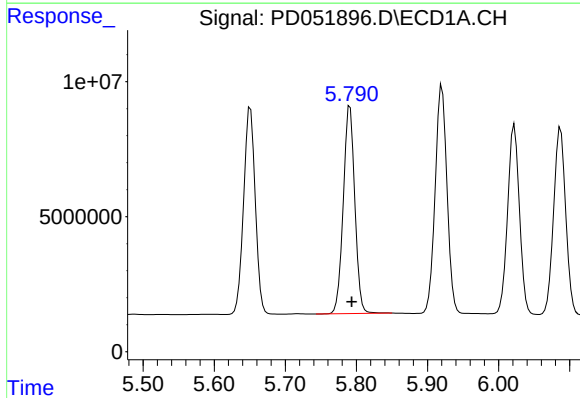
R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 98604193  
Conc: 54.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



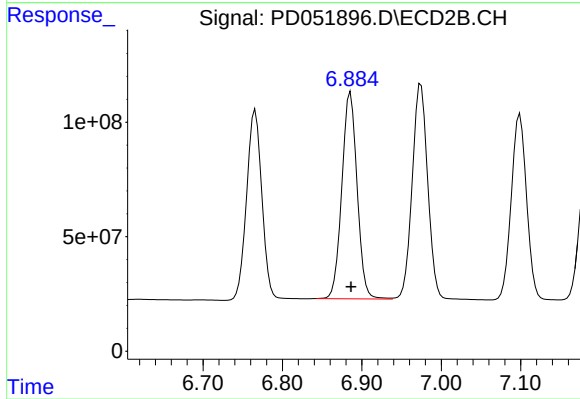
#15 Endosulfan II

R.T.: 6.974 min  
Delta R.T.: 0.000 min  
Response: 1283564416  
Conc: 49.83 ng/ml



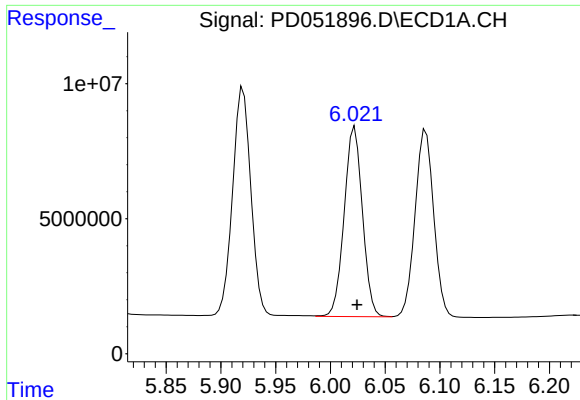
#16 4,4'-DDD

R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 86668825  
Conc: 55.05 ng/ml



#16 4,4'-DDD

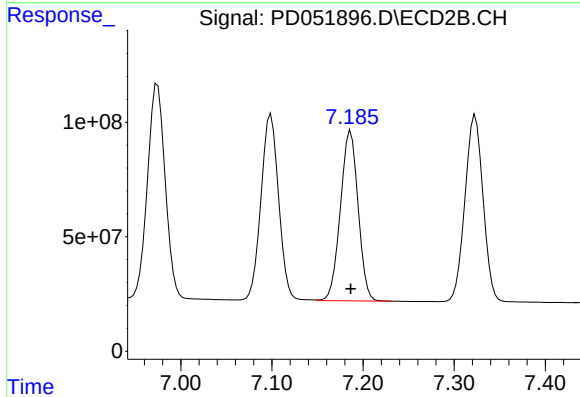
R.T.: 6.886 min  
Delta R.T.: 0.000 min  
Response: 1207713031  
Conc: 49.17 ng/ml



#17 4,4'-DDT

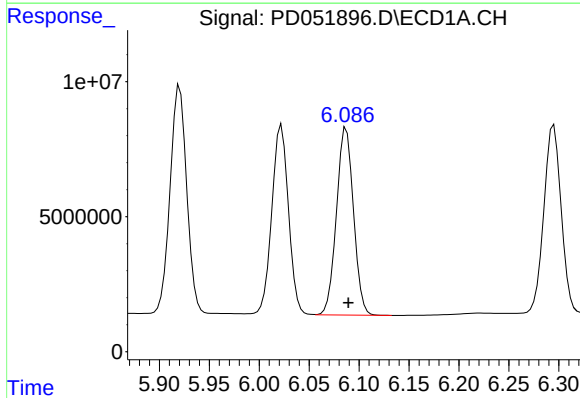
R.T.: 6.022 min  
Delta R.T.: -0.002 min  
Response: 81417893  
Conc: 50.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



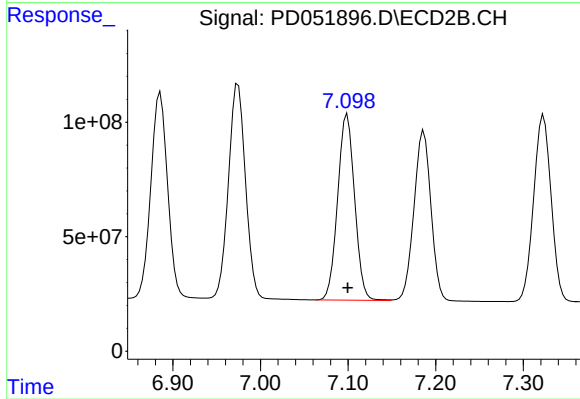
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: 0.000 min  
Response: 1001673021  
Conc: 49.45 ng/ml



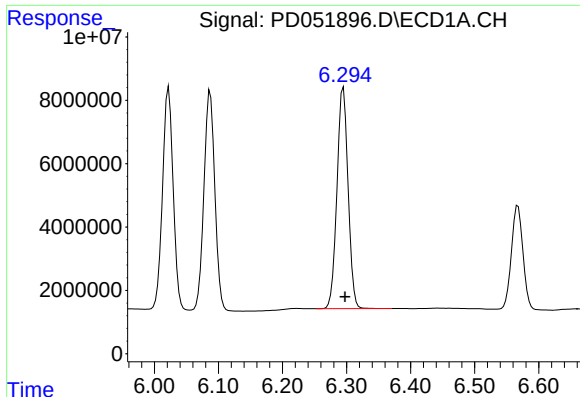
#18 Endrin aldehyde

R.T.: 6.087 min  
Delta R.T.: -0.002 min  
Response: 82226311  
Conc: 55.59 ng/ml



#18 Endrin aldehyde

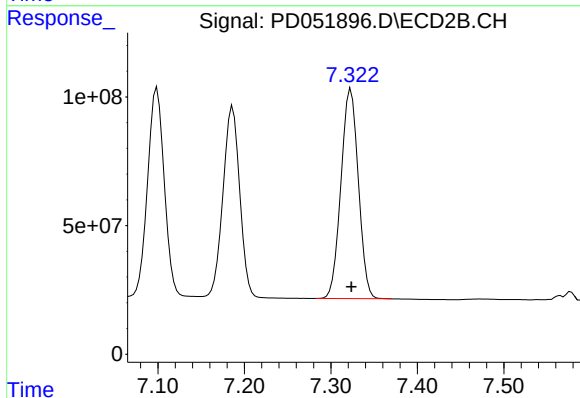
R.T.: 7.099 min  
Delta R.T.: 0.000 min  
Response: 1092734251  
Conc: 50.97 ng/ml



#19 Endosulfan Sulfate

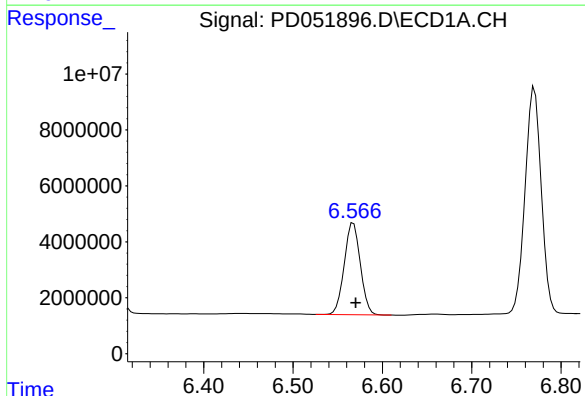
R.T.: 6.295 min  
Delta R.T.: -0.003 min  
Response: 84249141  
Conc: 50.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



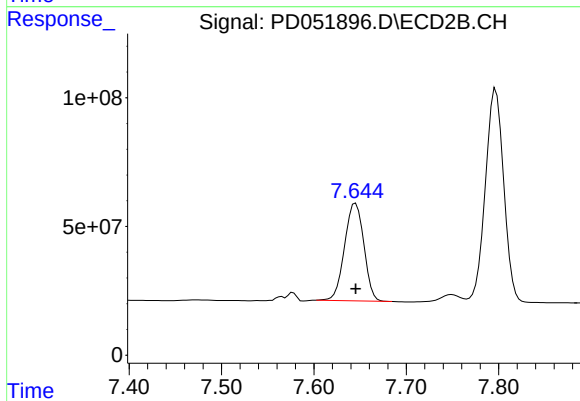
#19 Endosulfan Sulfate

R.T.: 7.323 min  
Delta R.T.: 0.000 min  
Response: 1132315650  
Conc: 48.31 ng/ml



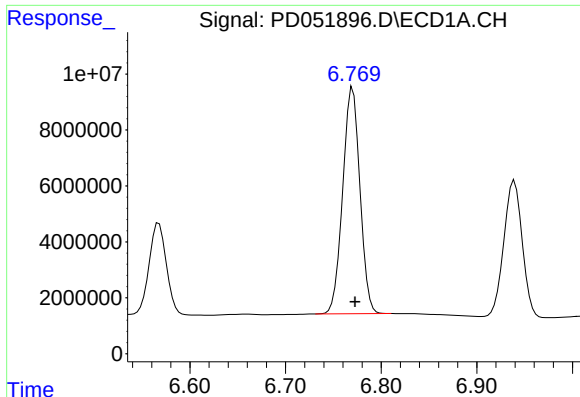
#20 Methoxychlor

R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 41038401  
Conc: 46.21 ng/ml



#20 Methoxychlor

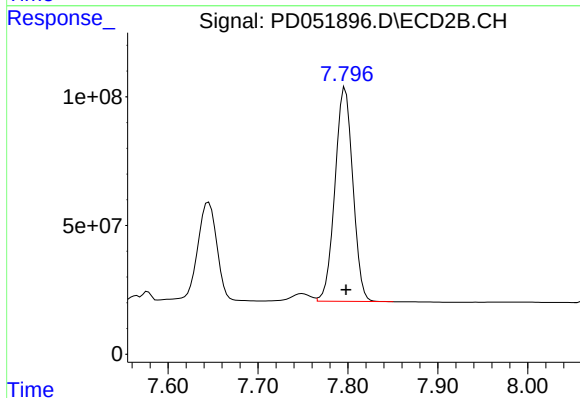
R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 551328570  
Conc: 50.09 ng/ml



#21 Endrin ketone

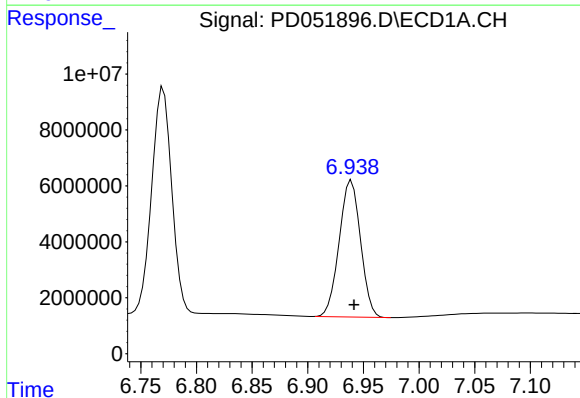
R.T.: 6.770 min  
Delta R.T.: -0.002 min  
Response: 101670052  
Conc: 54.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



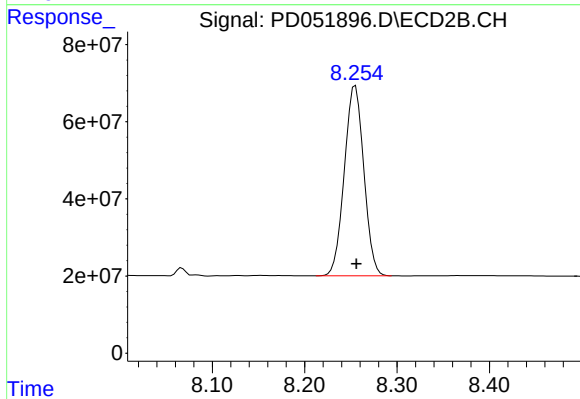
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: 0.000 min  
Response: 1148245865  
Conc: 50.83 ng/ml



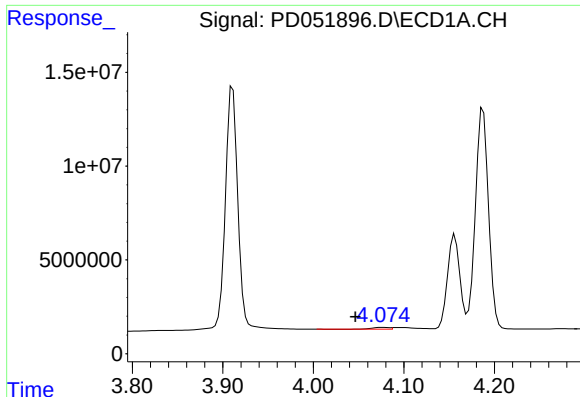
#22 Mirex

R.T.: 6.939 min  
Delta R.T.: -0.002 min  
Response: 65287184  
Conc: 51.90 ng/ml



#22 Mirex

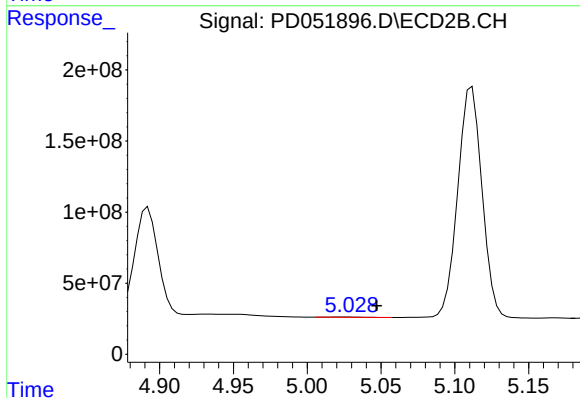
R.T.: 8.255 min  
Delta R.T.: 0.000 min  
Response: 722713901  
Conc: 46.70 ng/ml



#23 Chlordane-1

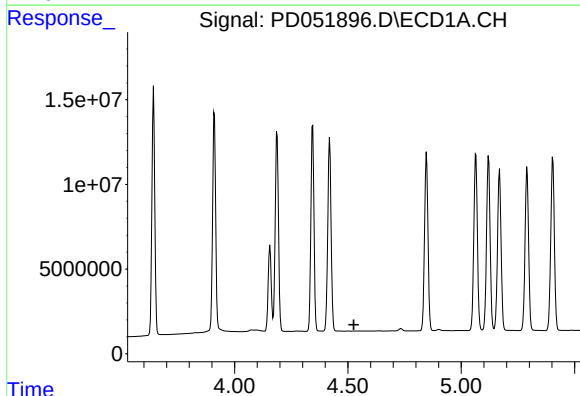
R.T.: 4.076 min  
Delta R.T.: 0.029 min  
Response: 1151981  
Conc: 18.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



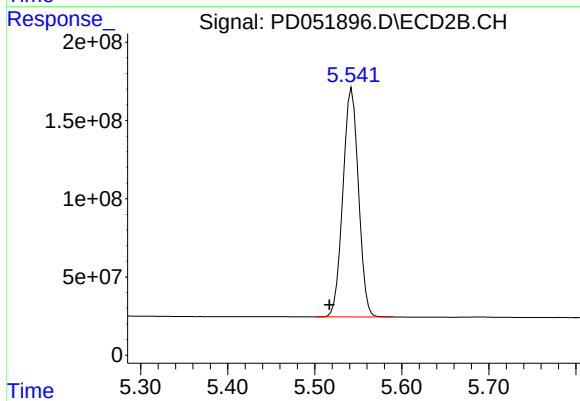
#23 Chlordane-1

R.T.: 5.021 min  
Delta R.T.: -0.026 min  
Response: 3150186  
Conc: 2.06 ng/ml



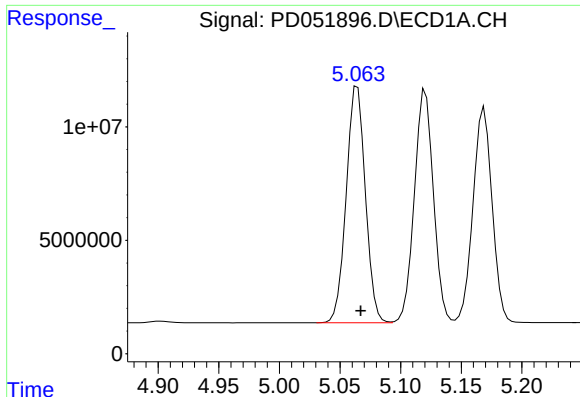
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.526 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

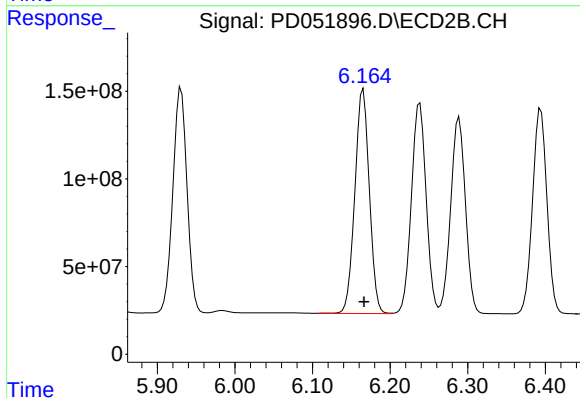
R.T.: 5.543 min  
Delta R.T.: 0.026 min  
Response: 1815318511  
Conc: 1280.20 ng/ml



#25 Chlordane-3

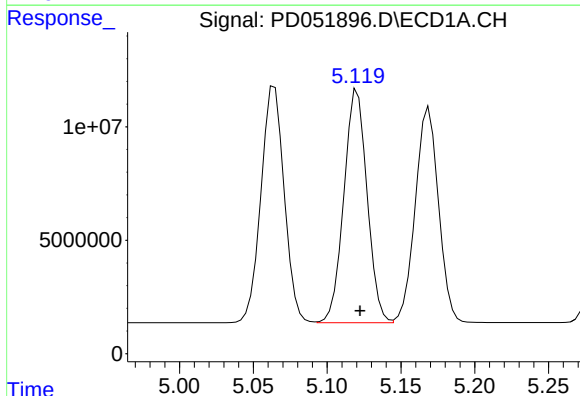
R.T.: 5.064 min  
Delta R.T.: -0.003 min  
Response: 114334009  
Conc: 491.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



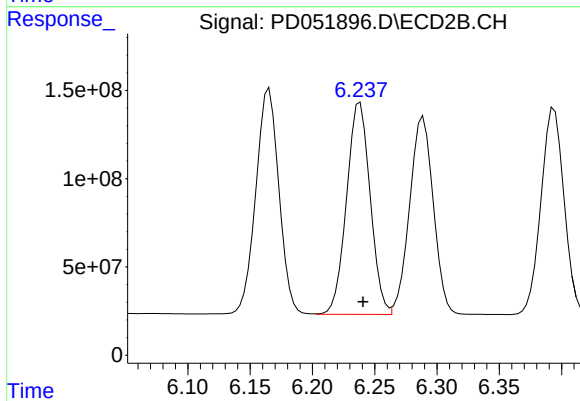
#25 Chlordane-3

R.T.: 6.165 min  
Delta R.T.: 0.000 min  
Response: 1659342199  
Conc: 372.63 ng/ml



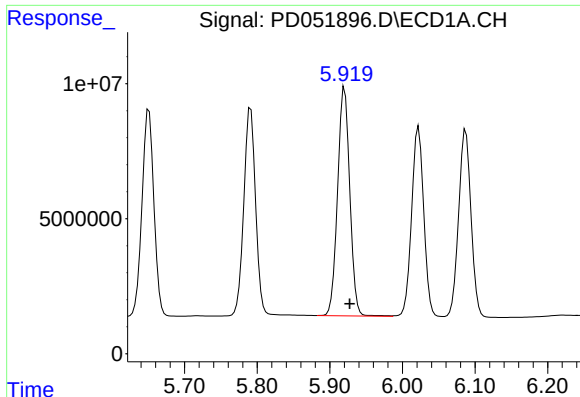
#26 Chlordane-4

R.T.: 5.121 min  
Delta R.T.: -0.002 min  
Response: 112428147  
Conc: 502.79 ng/ml



#26 Chlordane-4

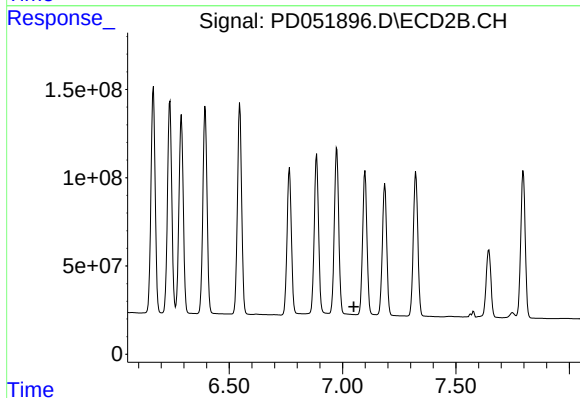
R.T.: 6.238 min  
Delta R.T.: -0.002 min  
Response: 1590561600  
Conc: 303.71 ng/ml



#27 Chlordane-5

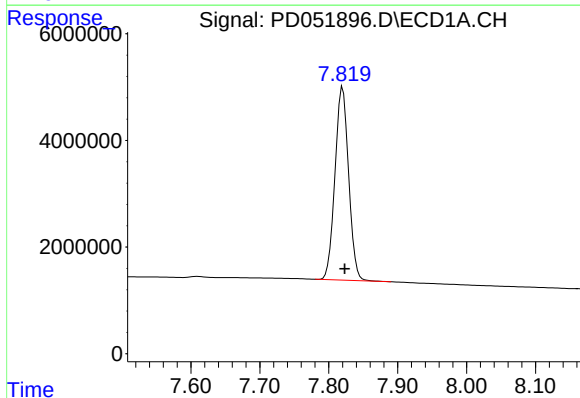
R.T.: 5.920 min  
Delta R.T.: -0.007 min  
Response: 98604193  
Conc: 1372.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



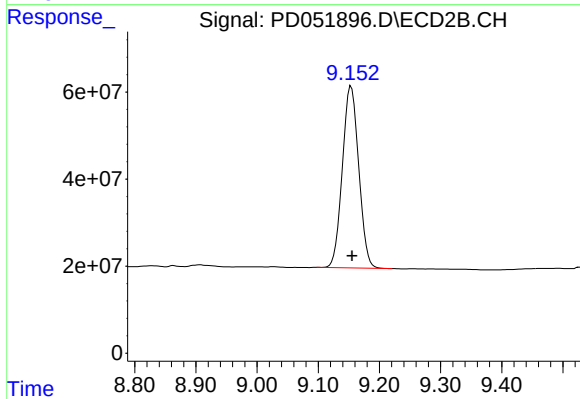
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.049 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.820 min  
Delta R.T.: -0.003 min  
Response: 49761413  
Conc: 43.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.154 min  
Delta R.T.: -0.001 min  
Response: 775753936  
Conc: 42.47 ng/ml