

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121118\  
 Data File : PD050773.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Dec 2018 21:34  
 Operator : AJ\SJ  
 Sample : J6322-15MSD  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 00:01:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 02:59:21 2018  
 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... | 3.226 | 4.044 | 26464481 | 495.9E6  | 18.186   | 18.004     |
| 28)                         | SA Decachlor... | 7.832 | 9.153 | 27980338 | 348.2E6  | 18.901   | 17.199     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.647 | 4.436 | 107.5E6  | 1652.4E6 | 45.778   | 38.933     |
| 3)                          | MA gamma-BHC... | 3.915 | 4.723 | 100.7E6  | 1527.0E6 | 43.176   | 40.138     |
| 4)                          | MA Heptachlor   | 4.194 | 5.238 | 100.0E6  | 1430.6E6 | 45.328   | 37.747     |
| 5)                          | MB Aldrin       | 4.426 | 5.545 | 103.2E6  | 1420.4E6 | 45.024   | 39.721     |
| 6)                          | B beta-BHC      | 4.161 | 4.893 | 41348460 | 614.6E6  | 45.227   | 37.047     |
| 7)                          | B delta-BHC     | 4.350 | 5.112 | 86489223 | 1239.9E6 | 39.671   | 33.210     |
| 8)                          | B Heptachlo...  | 4.854 | 5.932 | 93098983 | 1241.4E6 | 43.817   | 39.054     |
| 9)                          | A Endosulfan I  | 5.176 | 6.291 | 85165527 | 1106.8E6 | 42.266   | 38.994     |
| 10)                         | B gamma-Chl...  | 5.072 | 6.167 | 94831897 | 1251.3E6 | 43.034   | 39.486     |
| 11)                         | B alpha-Chl...  | 5.128 | 6.240 | 93510880 | 1165.4E6 | 42.916   | 38.332     |
| 12)                         | B 4,4'-DDE      | 5.298 | 6.396 | 88825532 | 1146.2E6 | 43.342   | 38.980     |
| 13)                         | MA Dieldrin     | 5.412 | 6.549 | 95697333 | 1205.3E6 | 43.334   | 39.998     |
| 14)                         | MA Endrin       | 5.659 | 6.768 | 84319174 | 970.1E6  | 43.886   | 40.249     |
| 15)                         | B Endosulfa...  | 5.929 | 6.976 | 79949116 | 1000.4E6 | 41.940   | 40.989     |
| 16)                         | A 4,4'-DDD      | 5.800 | 6.887 | 73260208 | 980.2E6  | 42.741   | 42.927     |
| 17)                         | MA 4,4'-DDT     | 6.031 | 7.187 | 65767189 | 779.9E6  | 37.117   | 37.787     |
| 18)                         | B Endrin al...  | 6.096 | 7.100 | 63875481 | 810.7E6  | 42.135   | 40.090     |
| 19)                         | B Endosulfa...  | 6.304 | 7.324 | 73605751 | 964.4E6  | 39.683   | 39.585     |
| 20)                         | A Methoxychlor  | 6.578 | 7.645 | 39970373 | 435.9E6  | 41.875   | 39.203     |
| 21)                         | B Endrin ke...  | 6.779 | 7.797 | 90940642 | 976.7E6  | 42.070   | 42.138     |
| 23)                         | Chlordane-1     | 4.080 | 5.027 | 513488   | 3926918  | 7.623    | 2.837 #    |
| 24)                         | Chlordane-2     | 0.000 | 5.545 | 0        | 1420.4E6 | N.D.     | 1138.667 # |
| 25)                         | Chlordane-3     | 5.072 | 6.167 | 94831897 | 1251.3E6 | 408.143  | 310.625    |
| 26)                         | Chlordane-4     | 5.128 | 6.240 | 93510880 | 1165.4E6 | 420.017  | 254.588 #  |
| 27)                         | Chlordane-5     | 5.929 | 7.100 | 79949116 | 810.7E6  | 1052.022 | 887.183    |
| -----                       |                 |       |       |          |          |          |            |

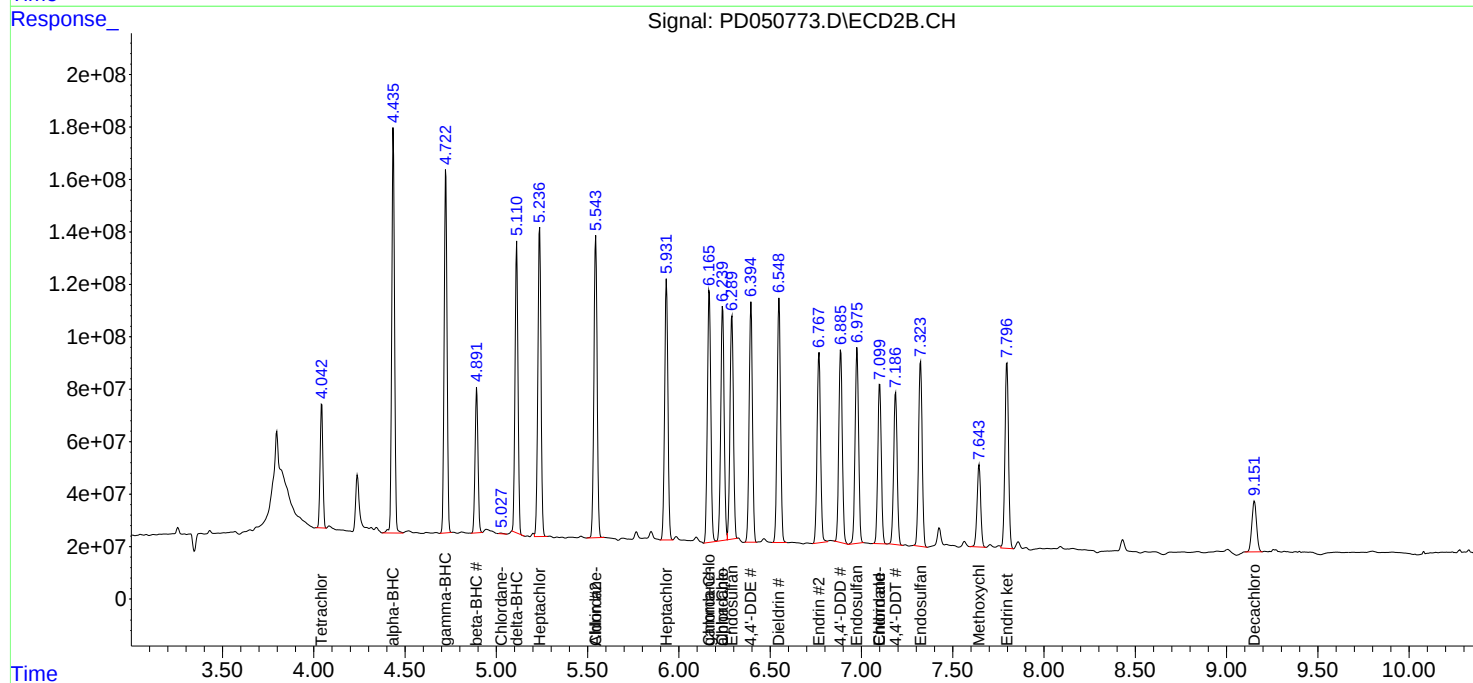
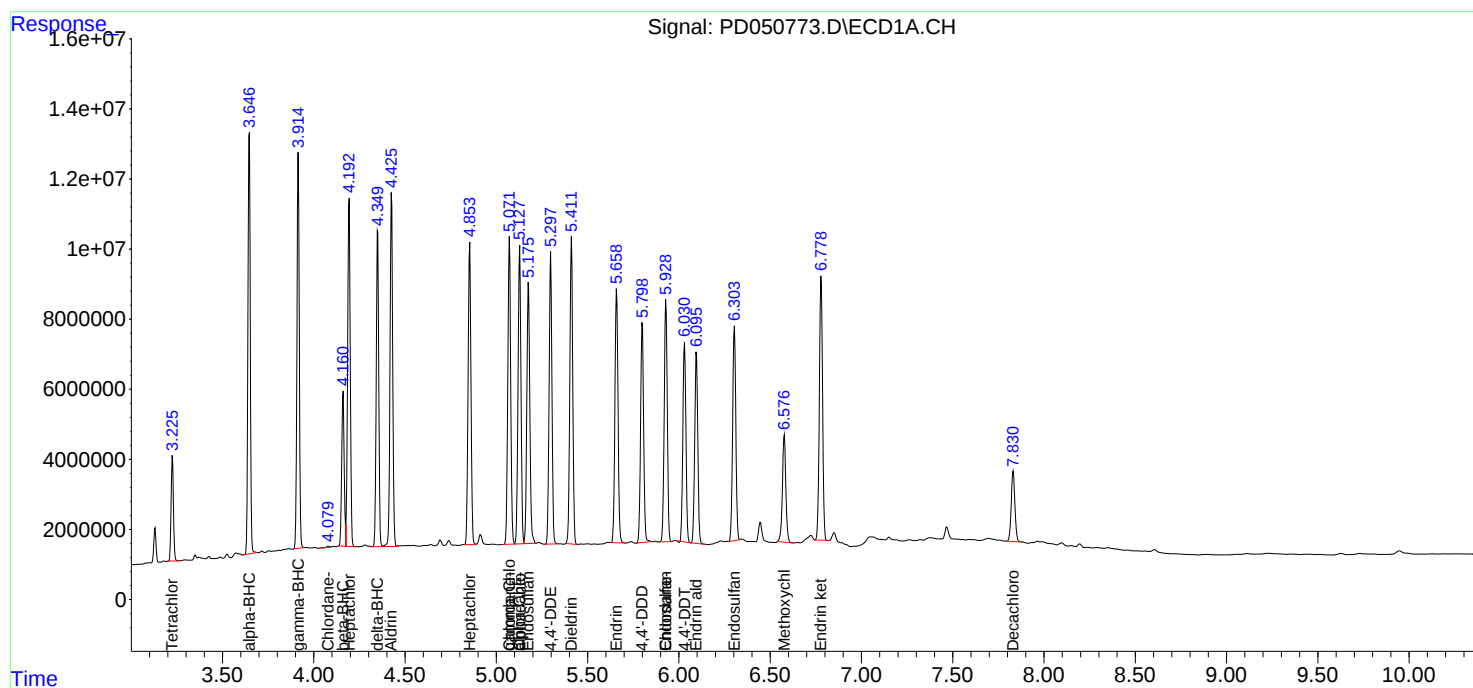
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

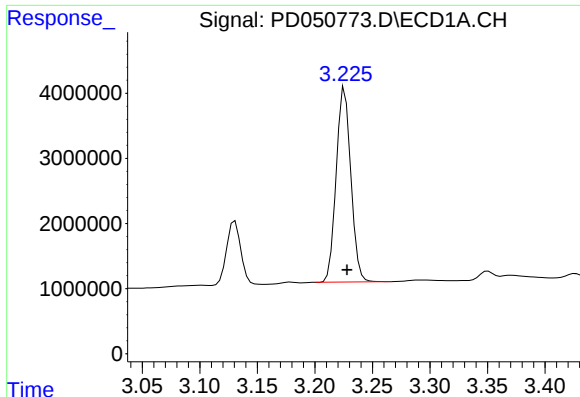
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121118\  
Data File : PD050773.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Dec 2018 21:34  
Operator : AJ\SJ  
Sample : J6322-15MSD  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 00:01:11 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 16 02:59:21 2018  
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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

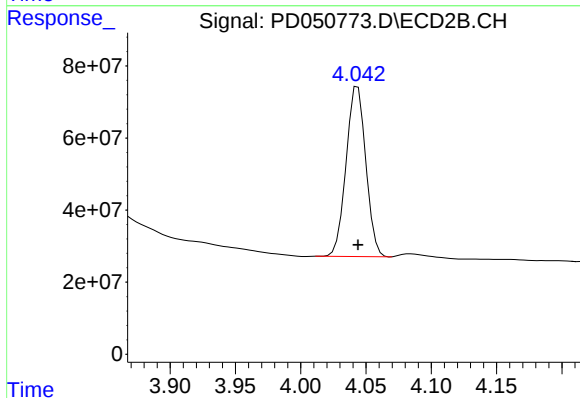




#1 Tetrachloro-m-xylene

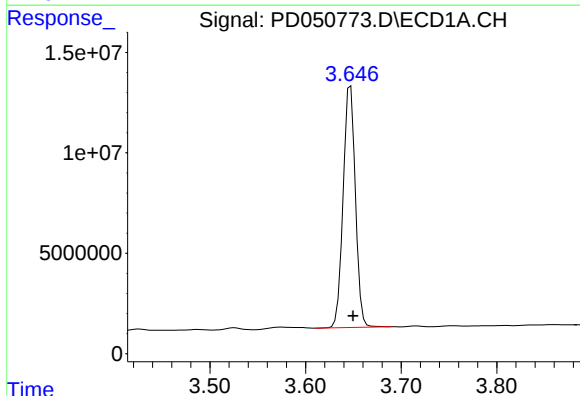
R.T.: 3.226 min  
Delta R.T.: -0.002 min  
Response: 26464481  
Conc: 18.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



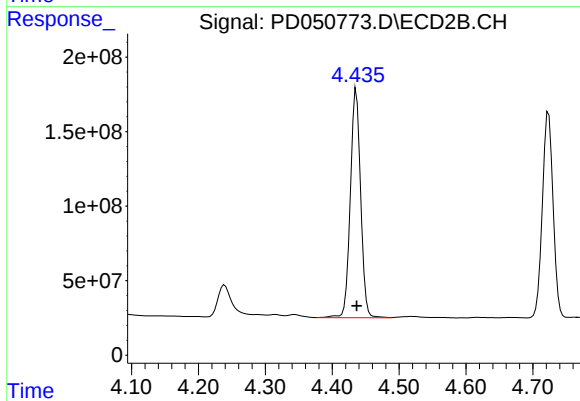
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 495890339  
Conc: 18.00 ng/ml



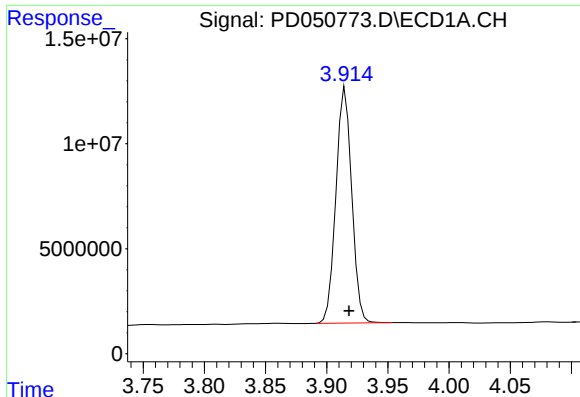
#2 alpha-BHC

R.T.: 3.647 min  
Delta R.T.: -0.003 min  
Response: 107469633  
Conc: 45.78 ng/ml



#2 alpha-BHC

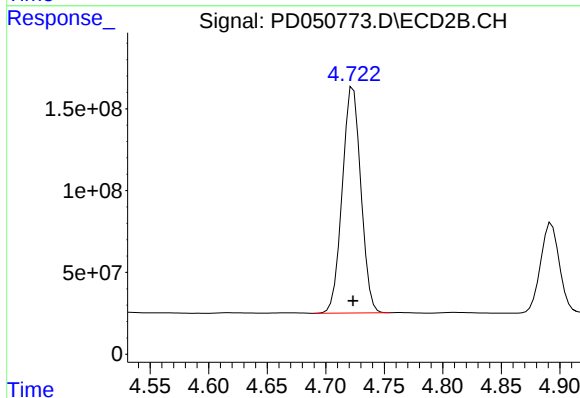
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 1652387338  
Conc: 38.93 ng/ml



#3 gamma-BHC (Lindane)

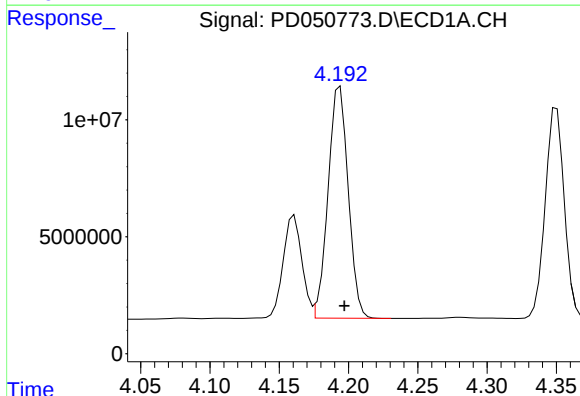
R.T.: 3.915 min  
Delta R.T.: -0.003 min  
Response: 100740457  
Conc: 43.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



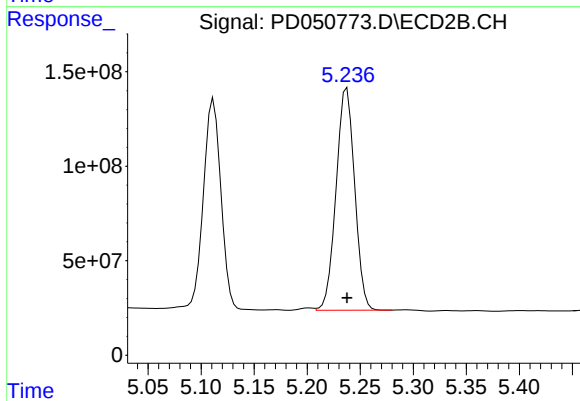
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 1526963721  
Conc: 40.14 ng/ml



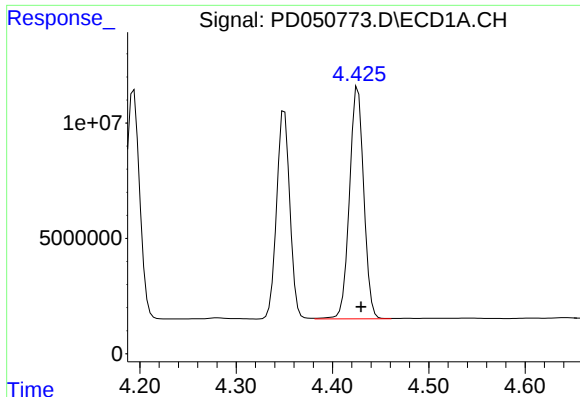
#4 Heptachlor

R.T.: 4.194 min  
Delta R.T.: -0.003 min  
Response: 100016449  
Conc: 45.33 ng/ml



#4 Heptachlor

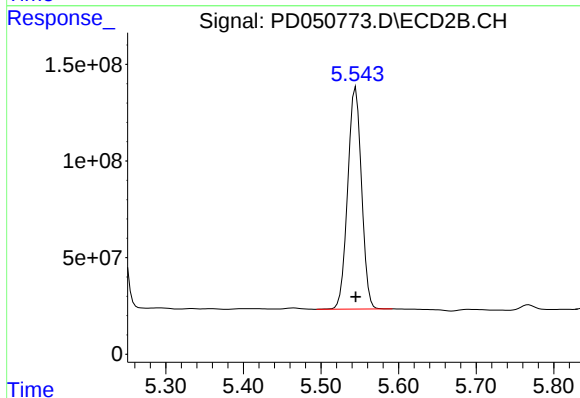
R.T.: 5.238 min  
Delta R.T.: 0.000 min  
Response: 1430638417  
Conc: 37.75 ng/ml



#5 Aldrin

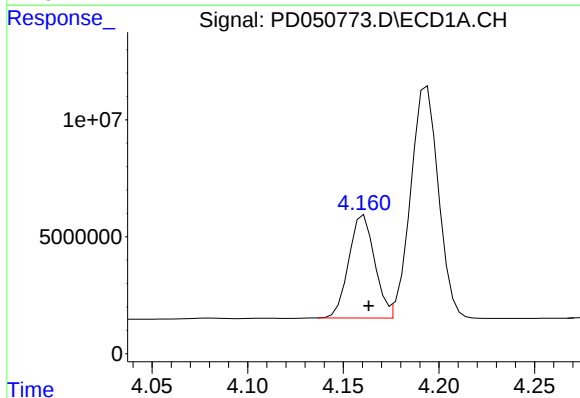
R.T.: 4.426 min  
Delta R.T.: -0.003 min  
Response: 103185753  
Conc: 45.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



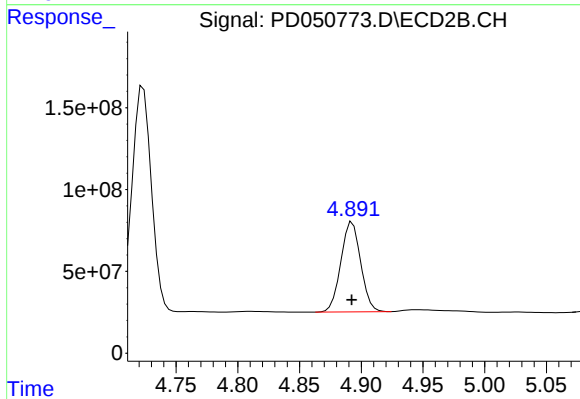
#5 Aldrin

R.T.: 5.545 min  
Delta R.T.: 0.000 min  
Response: 1420418204  
Conc: 39.72 ng/ml



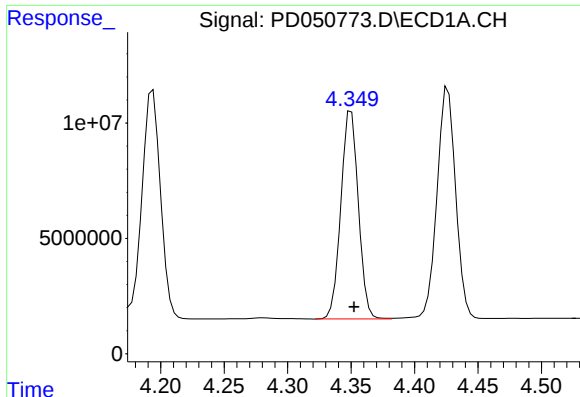
#6 beta-BHC

R.T.: 4.161 min  
Delta R.T.: -0.003 min  
Response: 41348460  
Conc: 45.23 ng/ml



#6 beta-BHC

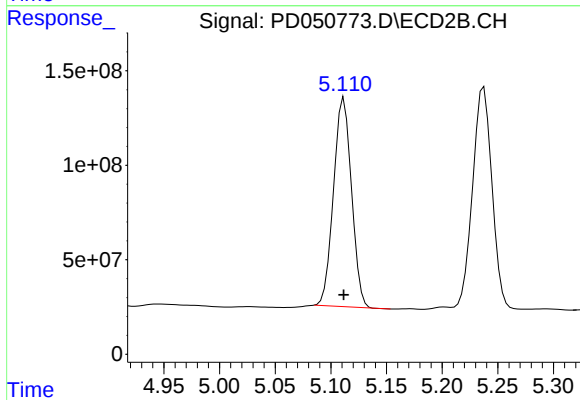
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 614635080  
Conc: 37.05 ng/ml



#7 delta-BHC

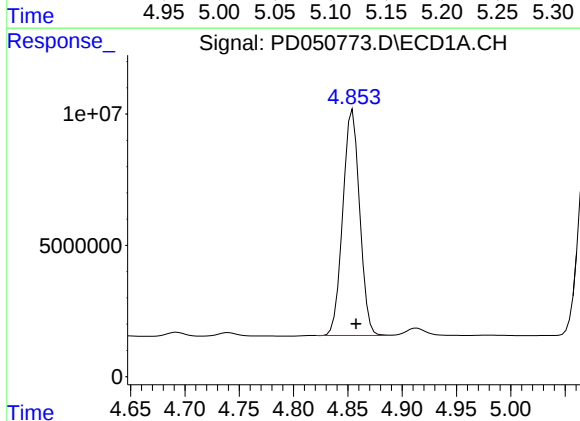
R.T.: 4.350 min  
Delta R.T.: -0.002 min  
Response: 86489223  
Conc: 39.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



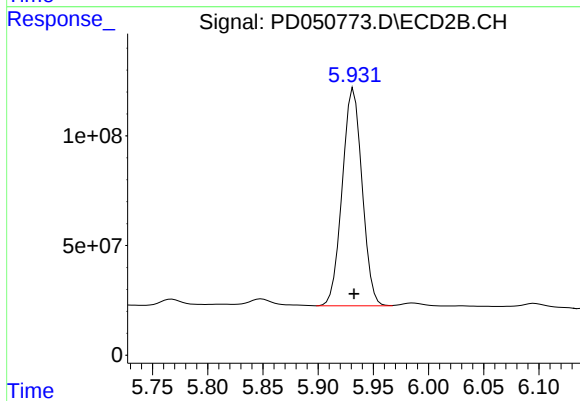
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 1239872640  
Conc: 33.21 ng/ml



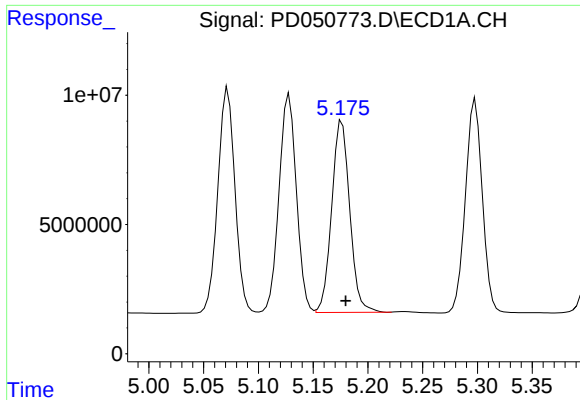
#8 Heptachlor epoxide

R.T.: 4.854 min  
Delta R.T.: -0.003 min  
Response: 93098983  
Conc: 43.82 ng/ml



#8 Heptachlor epoxide

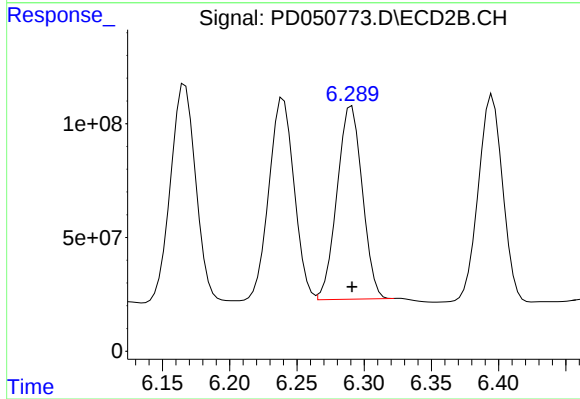
R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 1241357602  
Conc: 39.05 ng/ml



#9 Endosulfan I

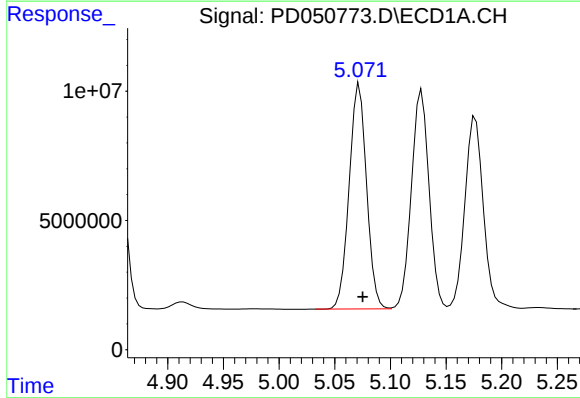
R.T.: 5.176 min  
Delta R.T.: -0.004 min  
Response: 85165527  
Conc: 42.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



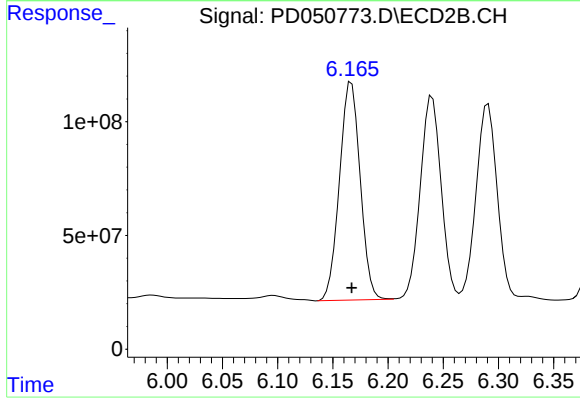
#9 Endosulfan I

R.T.: 6.291 min  
Delta R.T.: 0.000 min  
Response: 1106834370  
Conc: 38.99 ng/ml



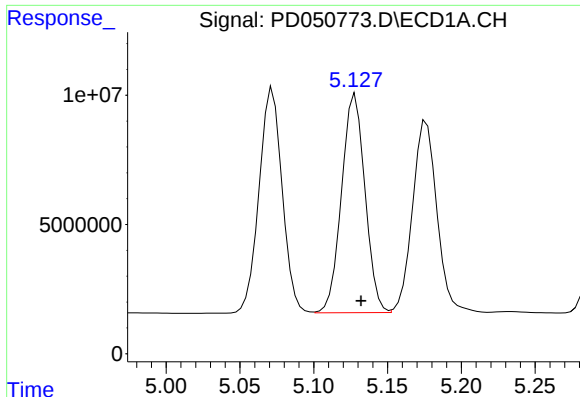
#10 gamma-Chlordane

R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 94831897  
Conc: 43.03 ng/ml



#10 gamma-Chlordane

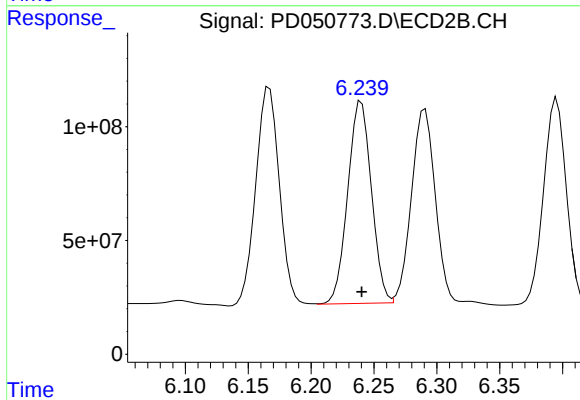
R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 1251322977  
Conc: 39.49 ng/ml



#11 alpha-Chlordane

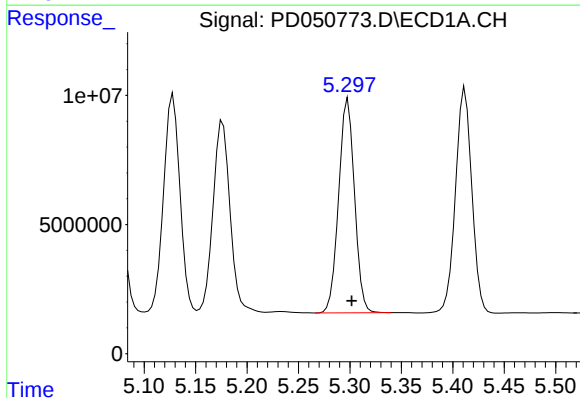
R.T.: 5.128 min  
Delta R.T.: -0.004 min  
Response: 93510880  
Conc: 42.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



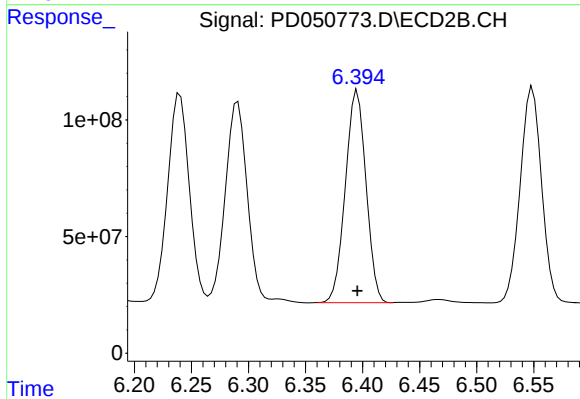
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 1165441731  
Conc: 38.33 ng/ml



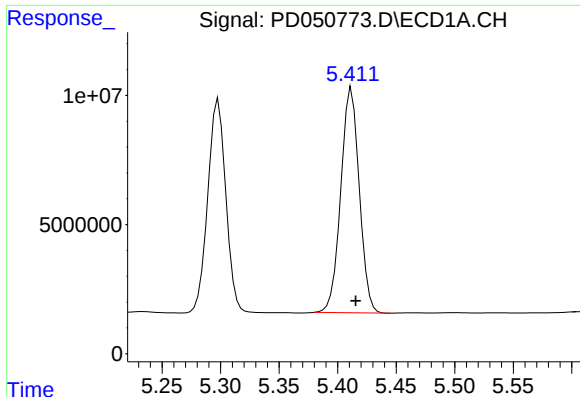
#12 4,4'-DDE

R.T.: 5.298 min  
Delta R.T.: -0.004 min  
Response: 88825532  
Conc: 43.34 ng/ml



#12 4,4'-DDE

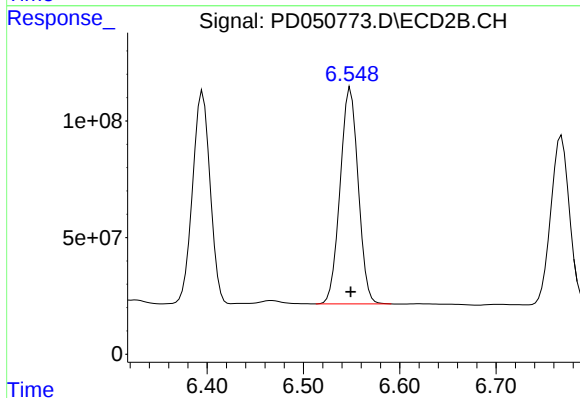
R.T.: 6.396 min  
Delta R.T.: 0.000 min  
Response: 1146216960  
Conc: 38.98 ng/ml



#13 Dieldrin

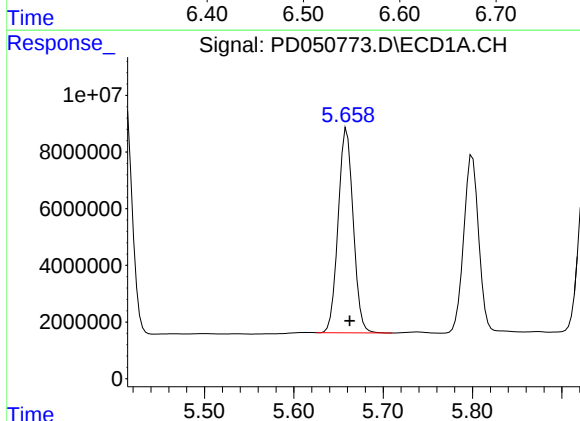
R.T.: 5.412 min  
Delta R.T.: -0.004 min  
Response: 95697333  
Conc: 43.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



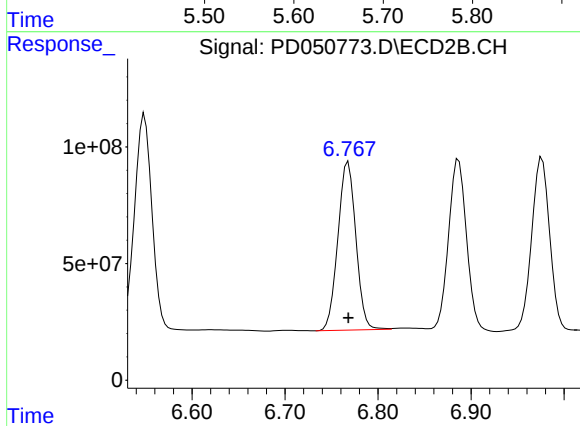
#13 Dieldrin

R.T.: 6.549 min  
Delta R.T.: 0.000 min  
Response: 1205283377  
Conc: 40.00 ng/ml



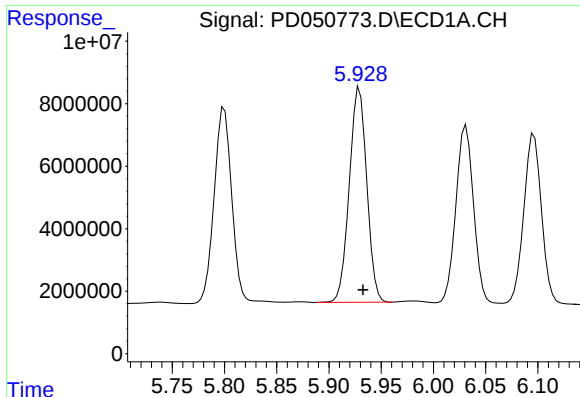
#14 Endrin

R.T.: 5.659 min  
Delta R.T.: -0.004 min  
Response: 84319174  
Conc: 43.89 ng/ml



#14 Endrin

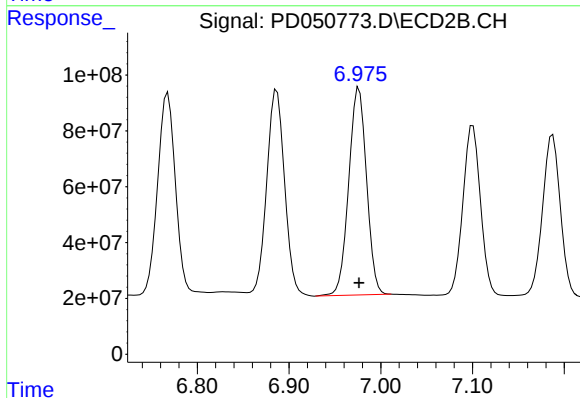
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 970094084  
Conc: 40.25 ng/ml



#15 Endosulfan II

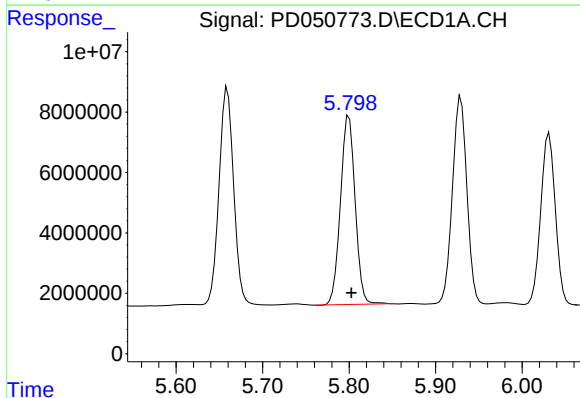
R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 79949116  
Conc: 41.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



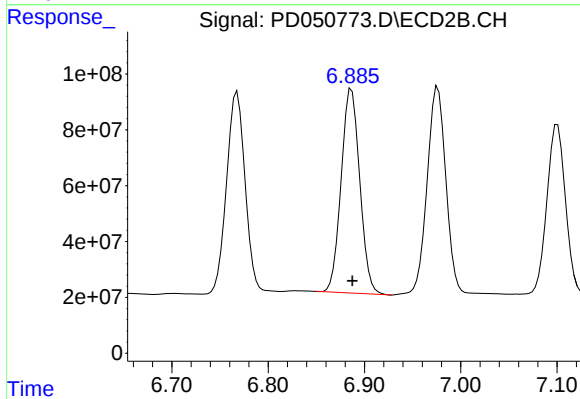
#15 Endosulfan II

R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 1000442558  
Conc: 40.99 ng/ml



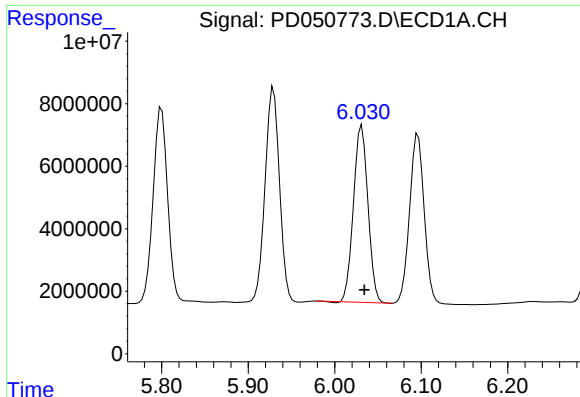
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: -0.003 min  
Response: 73260208  
Conc: 42.74 ng/ml



#16 4,4'-DDD

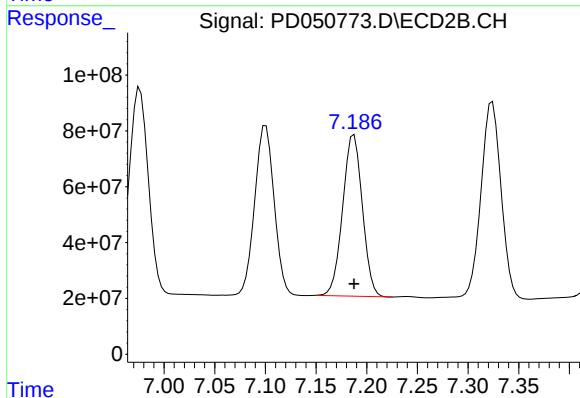
R.T.: 6.887 min  
Delta R.T.: 0.000 min  
Response: 980221342  
Conc: 42.93 ng/ml



#17 4,4'-DDT

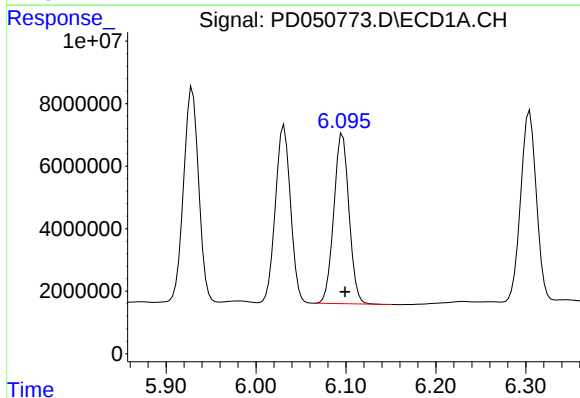
R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 65767189  
Conc: 37.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



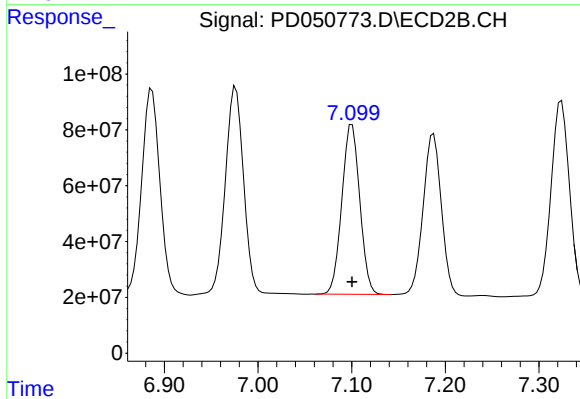
#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 779908314  
Conc: 37.79 ng/ml



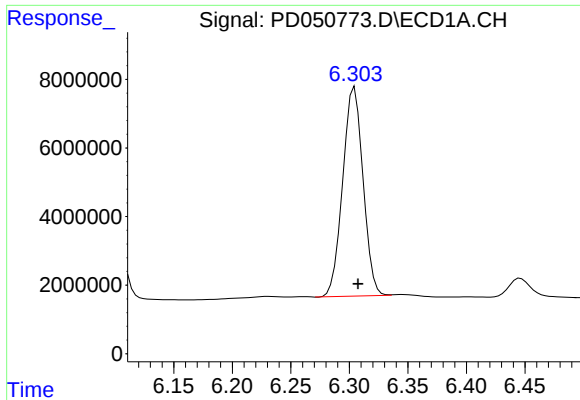
#18 Endrin aldehyde

R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 63875481  
Conc: 42.13 ng/ml



#18 Endrin aldehyde

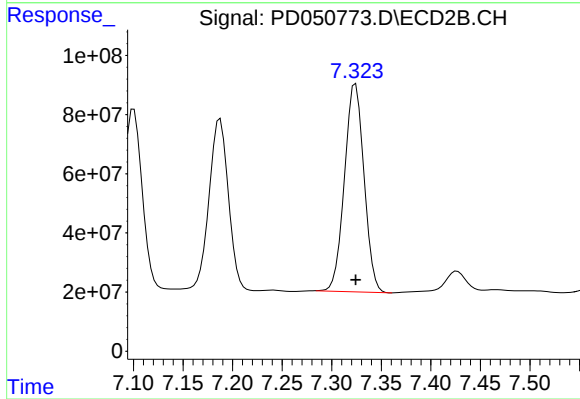
R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 810695029  
Conc: 40.09 ng/ml



#19 Endosulfan Sulfate

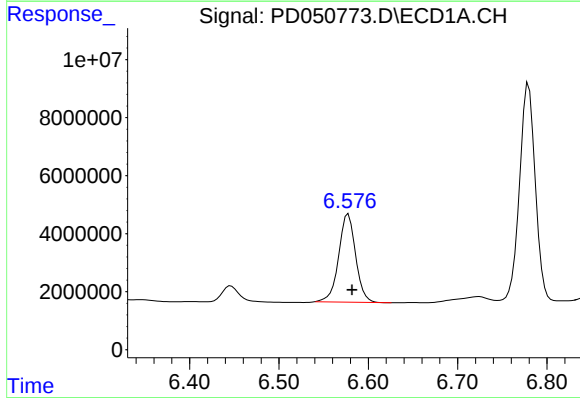
R.T.: 6.304 min  
Delta R.T.: -0.003 min  
Response: 73605751  
Conc: 39.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



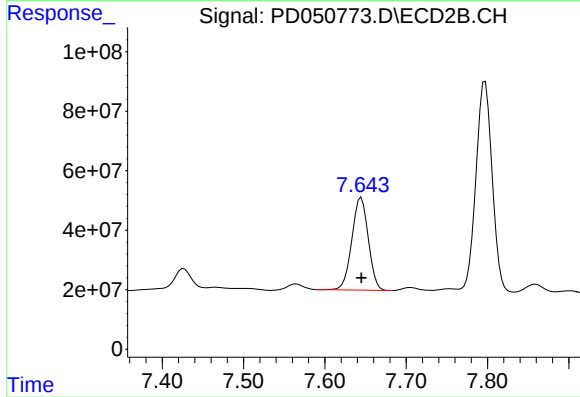
#19 Endosulfan Sulfate

R.T.: 7.324 min  
Delta R.T.: 0.000 min  
Response: 964416498  
Conc: 39.59 ng/ml



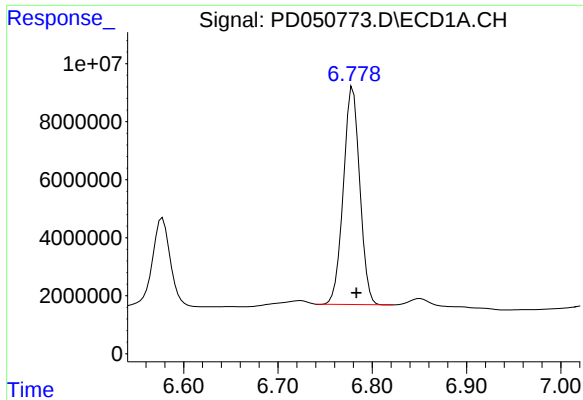
#20 Methoxychlor

R.T.: 6.578 min  
Delta R.T.: -0.004 min  
Response: 39970373  
Conc: 41.87 ng/ml



#20 Methoxychlor

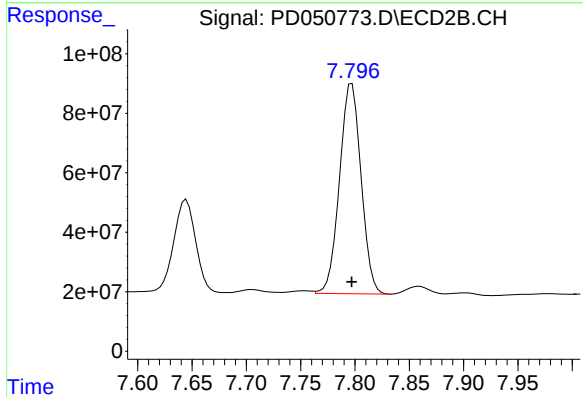
R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 435897238  
Conc: 39.20 ng/ml



#21 Endrin ketone

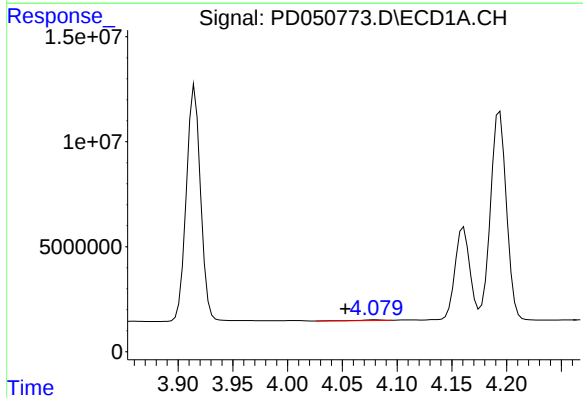
R.T.: 6.779 min  
Delta R.T.: -0.004 min  
Response: 90940642  
Conc: 42.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



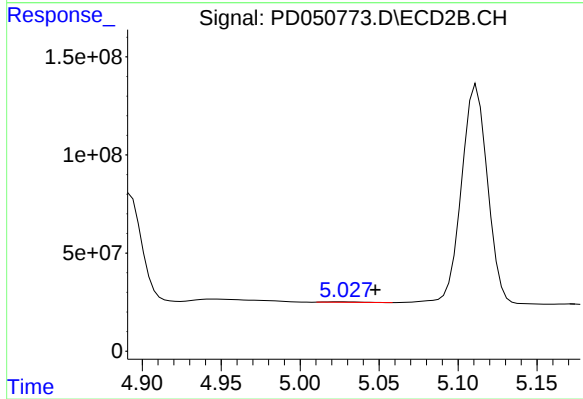
#21 Endrin ketone

R.T.: 7.797 min  
Delta R.T.: 0.000 min  
Response: 976654351  
Conc: 42.14 ng/ml



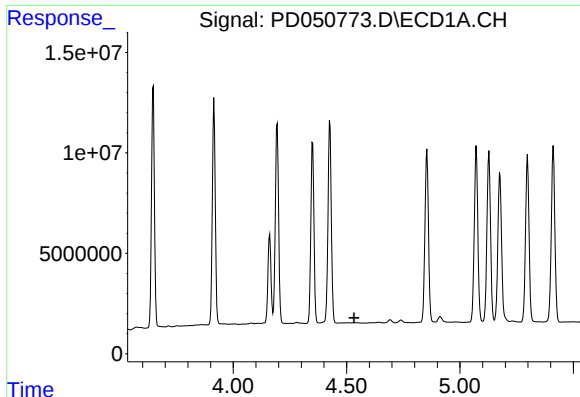
#23 Chlordane-1

R.T.: 4.080 min  
Delta R.T.: 0.027 min  
Response: 513488  
Conc: 7.62 ng/ml



#23 Chlordane-1

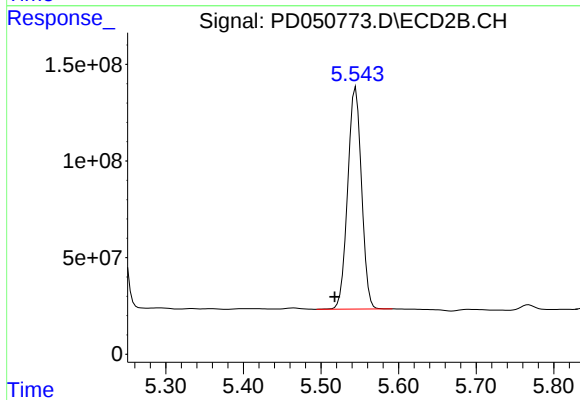
R.T.: 5.027 min  
Delta R.T.: -0.020 min  
Response: 3926918  
Conc: 2.84 ng/ml



#24 Chlordane-2

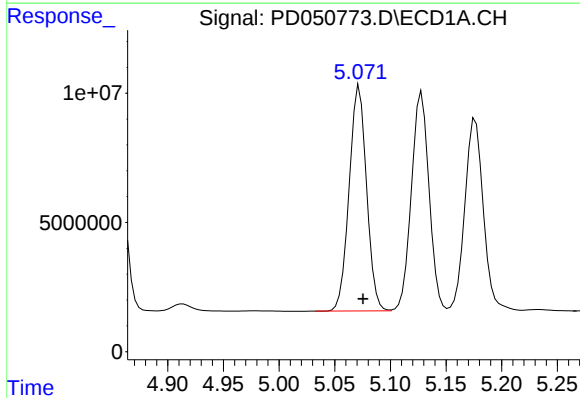
R.T.: 0.000 min  
Exp R.T.: 4.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



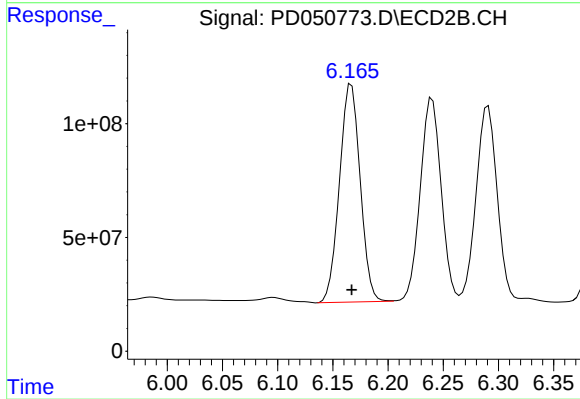
#24 Chlordane-2

R.T.: 5.545 min  
Delta R.T.: 0.027 min  
Response: 1420418204  
Conc: 1138.67 ng/ml



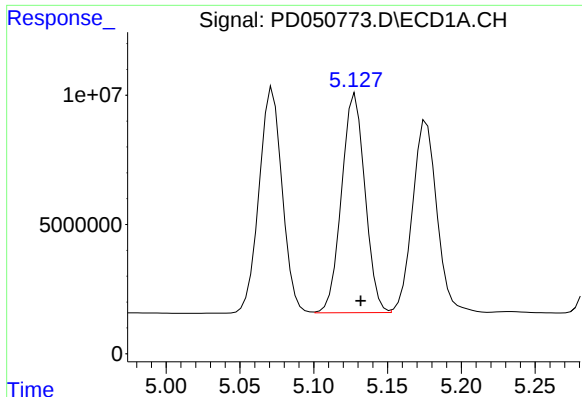
#25 Chlordane-3

R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 94831897  
Conc: 408.14 ng/ml



#25 Chlordane-3

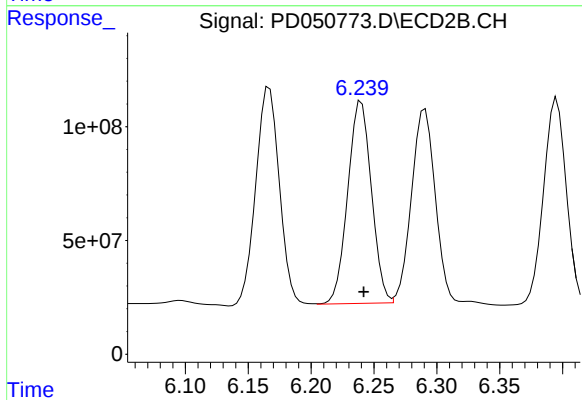
R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 1251322977  
Conc: 310.62 ng/ml



#26 Chlordane-4

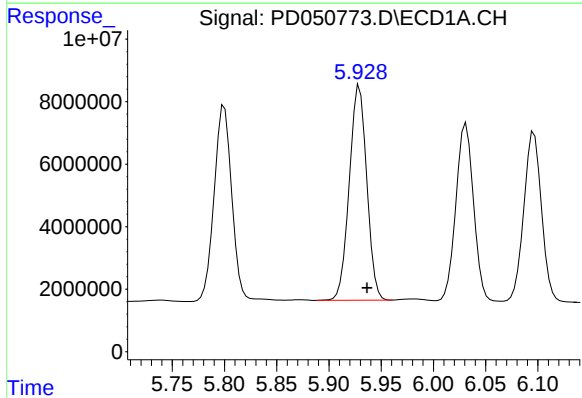
R.T.: 5.128 min  
Delta R.T.: -0.004 min  
Response: 93510880  
Conc: 420.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



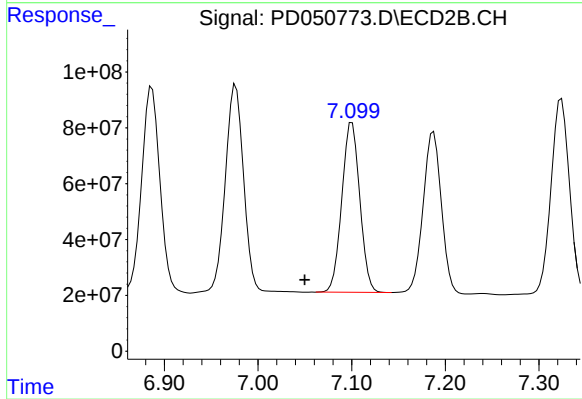
#26 Chlordane-4

R.T.: 6.240 min  
Delta R.T.: -0.002 min  
Response: 1165441731  
Conc: 254.59 ng/ml



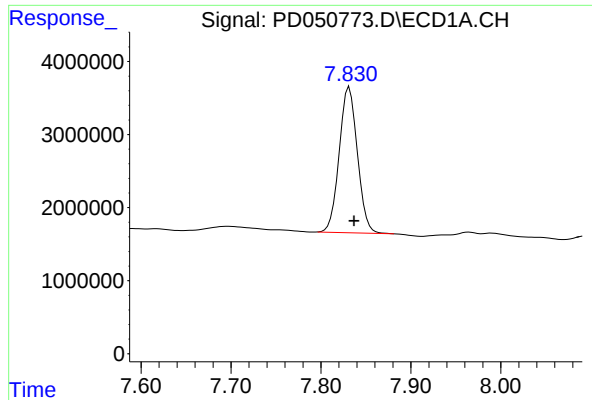
#27 Chlordane-5

R.T.: 5.929 min  
Delta R.T.: -0.007 min  
Response: 79949116  
Conc: 1052.02 ng/ml



#27 Chlordane-5

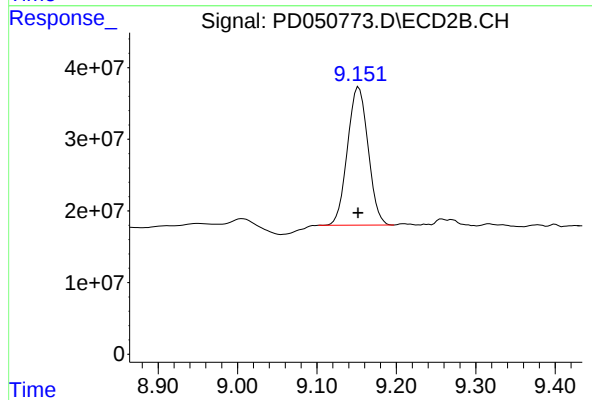
R.T.: 7.100 min  
Delta R.T.: 0.051 min  
Response: 810695029  
Conc: 887.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.005 min  
Response: 27980338  
Conc: 18.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.153 min  
Delta R.T.: 0.001 min  
Response: 348151948  
Conc: 17.20 ng/ml