

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110922\  
 Data File : PD072876.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Nov 2022 09:59  
 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: Nov 09 20:51:01 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 28 15:29:46 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 2.700  | 3.461  | 108.7E6  | 1907.0E6 | 52.998   | 55.245     |
| 28)                         | SA Decachlor... | 7.829  | 8.912  | 106.2E6  | 541.7E6  | 55.247   | 56.534     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.204  | 3.925  | 183.8E6  | 2607.1E6 | 55.570   | 55.269     |
| 3)                          | MA gamma-BHC... | 3.534  | 4.259  | 166.3E6  | 2033.4E6 | 55.268   | 55.336     |
| 4)                          | MA Heptachlor   | 3.866  | 4.825  | 164.2E6  | 1391.6E6 | 54.412   | 53.952     |
| 5)                          | MB Aldrin       | 4.146  | 5.163  | 160.6E6  | 1190.0E6 | 55.627   | 55.907     |
| 6)                          | B beta-BHC      | 3.836  | 4.474  | 67990238 | 760.1E6  | 53.576   | 54.066     |
| 7)                          | B delta-BHC     | 4.066  | 4.718  | 170.5E6  | 1589.1E6 | 56.046   | 55.052     |
| 8)                          | B Heptachlo...  | 4.650  | 5.595  | 143.1E6  | 1015.2E6 | 55.098   | 56.367     |
| 9)                          | A Endosulfan I  | 5.019  | 5.980  | 133.4E6  | 932.8E6  | 55.572   | 57.111     |
| 10)                         | B gamma-Chl...  | 4.898  | 5.849  | 145.2E6  | 994.3E6  | 54.928   | 57.071     |
| 11)                         | B alpha-Chl...  | 4.962  | 5.925  | 142.9E6  | 971.2E6  | 55.247   | 56.838     |
| 12)                         | B 4,4'-DDE      | 5.150  | 6.098  | 138.2E6  | 941.5E6  | 56.416   | 56.755     |
| 13)                         | MA Dieldrin     | 5.285  | 6.257  | 142.6E6  | 975.4E6  | 56.237   | 57.209     |
| 14)                         | MA Endrin       | 5.562  | 6.489  | 125.4E6  | 807.0E6  | 58.062   | 58.091     |
| 15)                         | B Endosulfa...  | 5.859  | 6.718  | 115.9E6  | 770.7E6  | 55.170   | 57.096     |
| 16)                         | A 4,4'-DDD      | 5.708  | 6.623  | 115.2E6  | 771.5E6  | 56.280   | 56.010     |
| 17)                         | MA 4,4'-DDT     | 5.957  | 6.931  | 110.1E6  | 749.8E6  | 55.617   | 55.733     |
| 18)                         | B Endrin al...  | 6.041  | 6.850  | 91120399 | 595.3E6  | 54.754   | 55.284     |
| 19)                         | B Endosulfa...  | 6.265  | 7.082  | 114.0E6  | 735.4E6  | 54.661   | 58.712     |
| 20)                         | A Methoxychlor  | 6.540  | 7.410  | 61855184 | 356.7E6  | 54.789   | 55.106     |
| 21)                         | B Endrin ke...  | 6.775  | 7.571  | 139.5E6  | 757.6E6  | 55.852   | 53.548     |
| 22)                         | Mirex           | 6.939  | 8.019  | 98117572 | 506.2E6  | 55.231   | 55.738     |
| 23)                         | Chlordane-1     | 0.000  | 4.597f | 0        | 1318837  | N.D.     | 1.323 #    |
| 24)                         | Chlordane-2     | 4.289f | 5.163f | 473572   | 1190.0E6 | 4.840    | 1595.235 # |
| 25)                         | Chlordane-3     | 4.898  | 5.849  | 145.2E6  | 994.3E6  | 543.959  | 408.577    |
| 26)                         | Chlordane-4     | 4.962  | 5.925  | 142.9E6  | 971.2E6  | 525.676  | 350.909 #  |
| 27)                         | Chlordane-5     | 5.859  | 6.777  | 115.9E6  | 2207842  | 1222.188 | 4.308 #    |
| -----                       |                 |        |        |          |          |          |            |

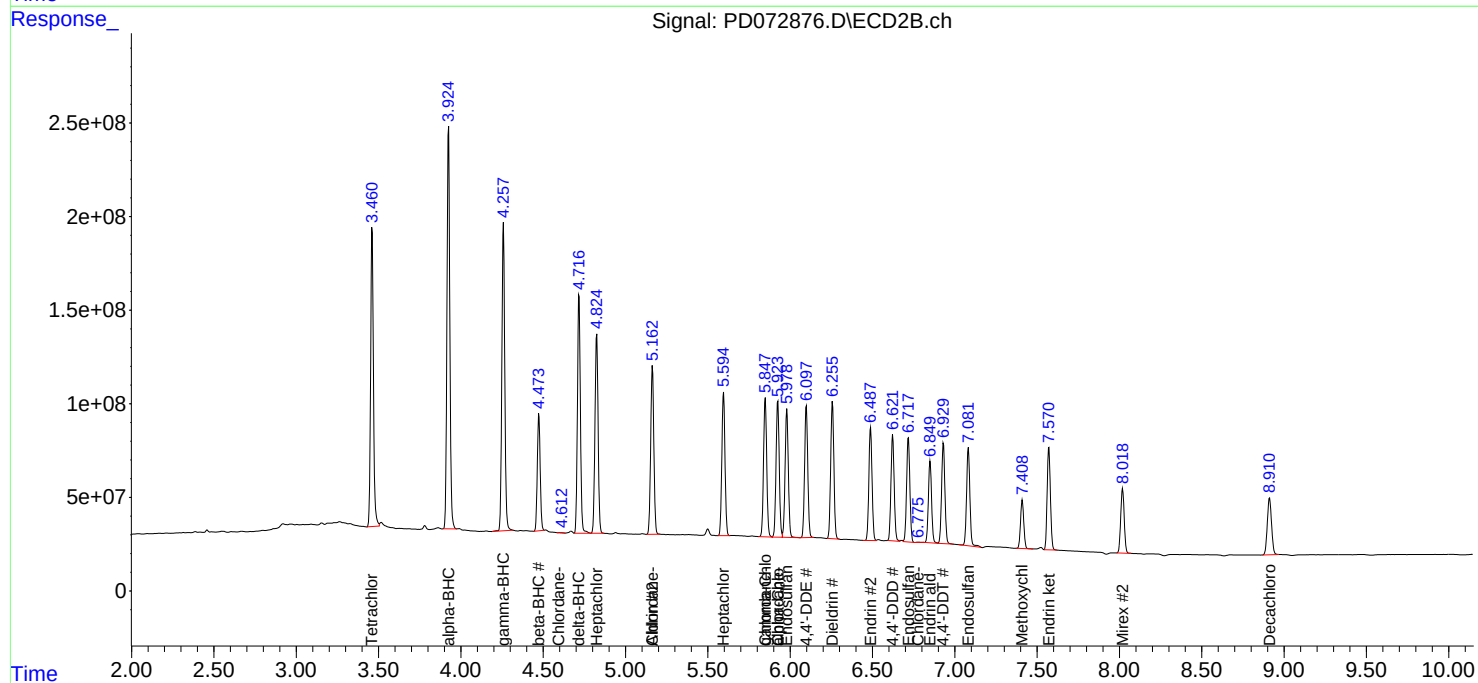
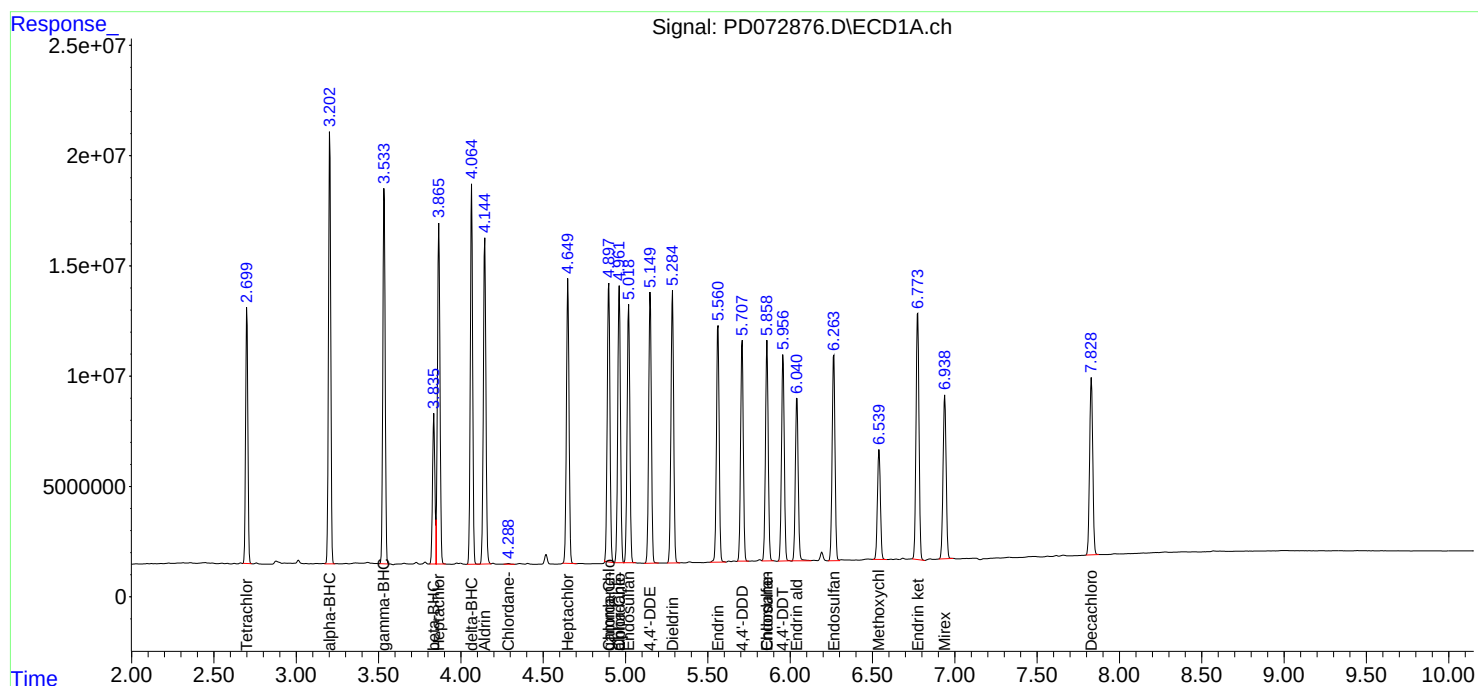
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

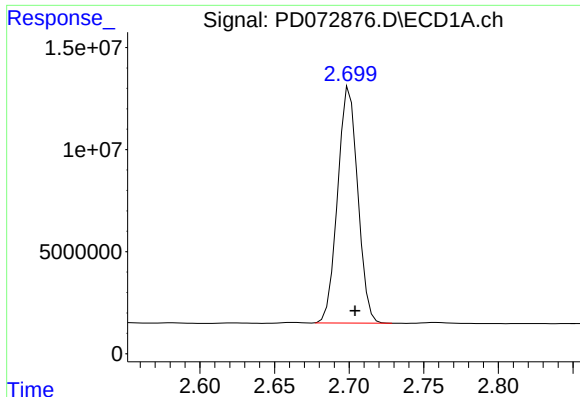
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110922\  
Data File : PD072876.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Nov 2022 09:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 09 20:51:01 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102822.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 28 15:29:46 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

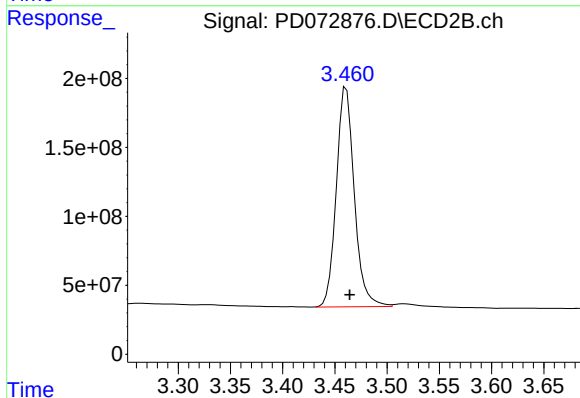




#1 Tetrachloro-m-xylene

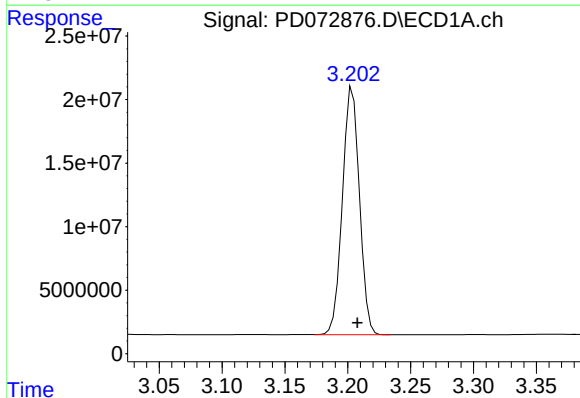
R.T.: 2.700 min  
Delta R.T.: -0.004 min  
Response: 108697140  
Conc: 53.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



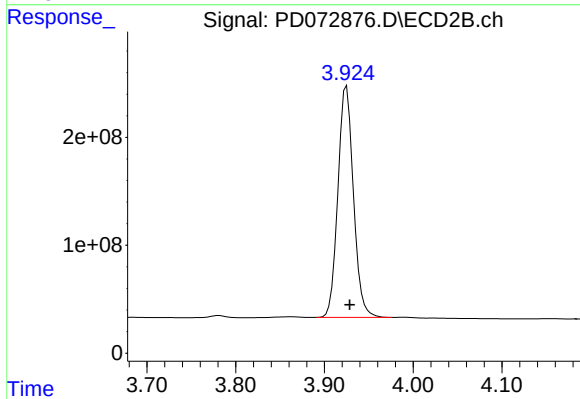
#1 Tetrachloro-m-xylene

R.T.: 3.461 min  
Delta R.T.: -0.003 min  
Response: 1906976513  
Conc: 55.25 ng/ml



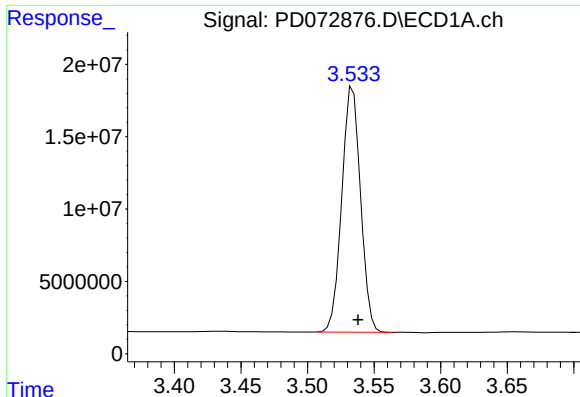
#2 alpha-BHC

R.T.: 3.204 min  
Delta R.T.: -0.004 min  
Response: 183809071  
Conc: 55.57 ng/ml



#2 alpha-BHC

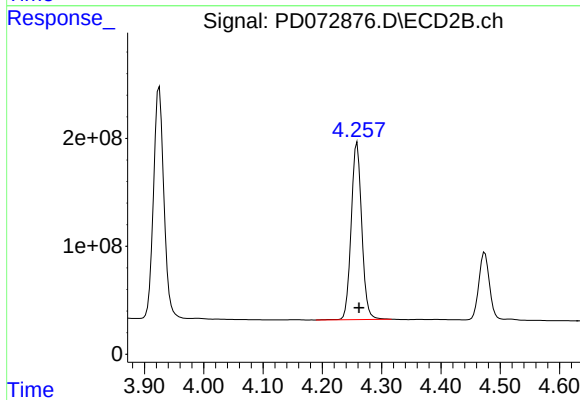
R.T.: 3.925 min  
Delta R.T.: -0.003 min  
Response: 2607099198  
Conc: 55.27 ng/ml



#3 gamma-BHC (Lindane)

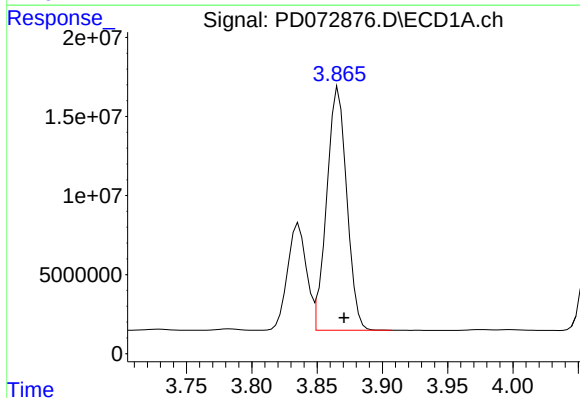
R.T.: 3.534 min  
Delta R.T.: -0.004 min  
Response: 166253027  
Conc: 55.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



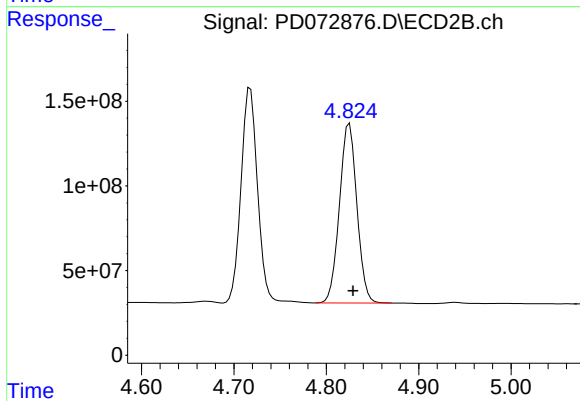
#3 gamma-BHC (Lindane)

R.T.: 4.259 min  
Delta R.T.: -0.004 min  
Response: 2033430451  
Conc: 55.34 ng/ml



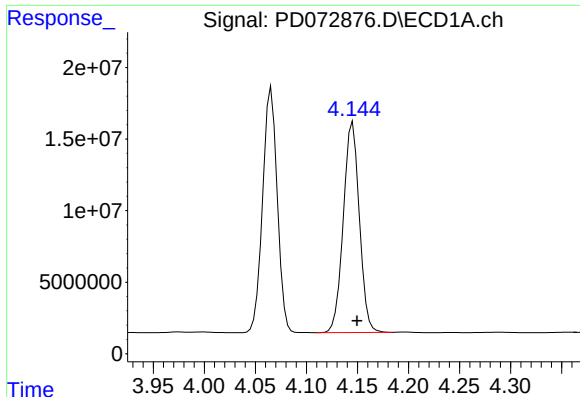
#4 Heptachlor

R.T.: 3.866 min  
Delta R.T.: -0.004 min  
Response: 164174219  
Conc: 54.41 ng/ml



#4 Heptachlor

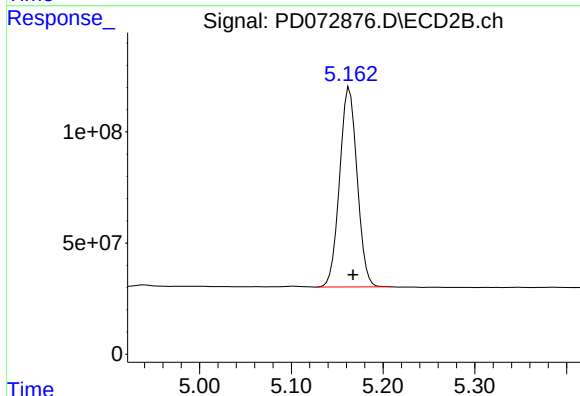
R.T.: 4.825 min  
Delta R.T.: -0.004 min  
Response: 1391614415  
Conc: 53.95 ng/ml



#5 Aldrin

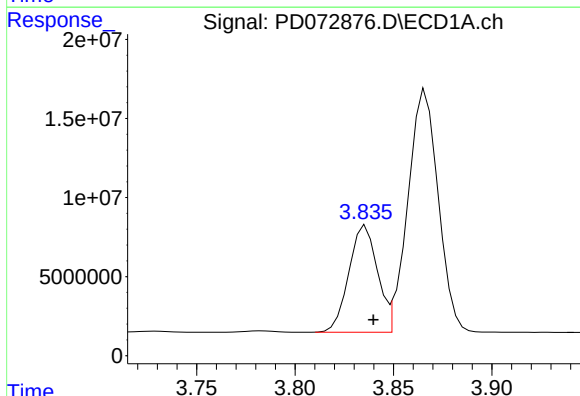
R.T.: 4.146 min  
Delta R.T.: -0.004 min  
Response: 160556062  
Conc: 55.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



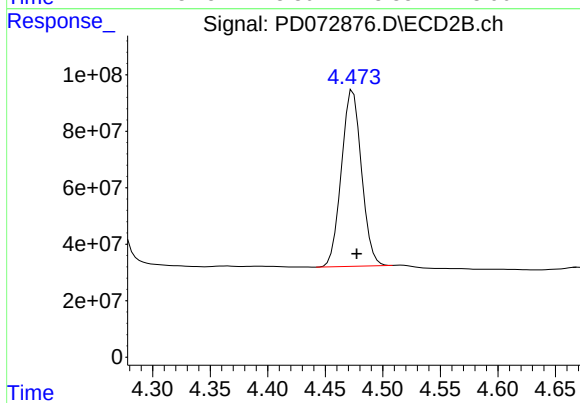
#5 Aldrin

R.T.: 5.163 min  
Delta R.T.: -0.004 min  
Response: 1189980040  
Conc: 55.91 ng/ml



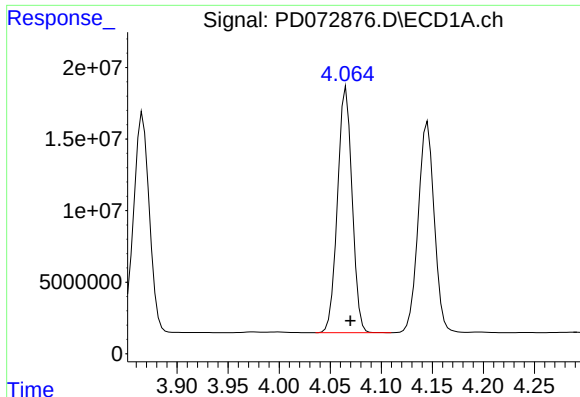
#6 beta-BHC

R.T.: 3.836 min  
Delta R.T.: -0.004 min  
Response: 67990238  
Conc: 53.58 ng/ml



#6 beta-BHC

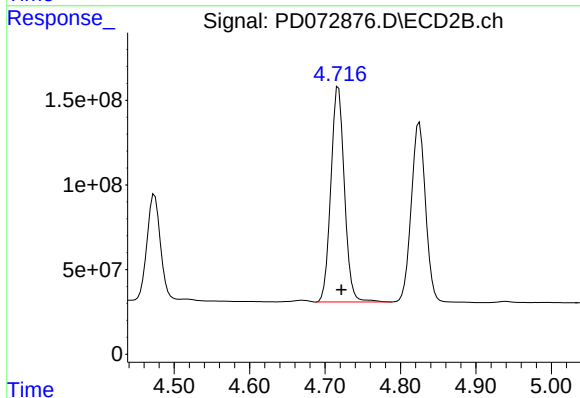
R.T.: 4.474 min  
Delta R.T.: -0.003 min  
Response: 760093880  
Conc: 54.07 ng/ml



#7 delta-BHC

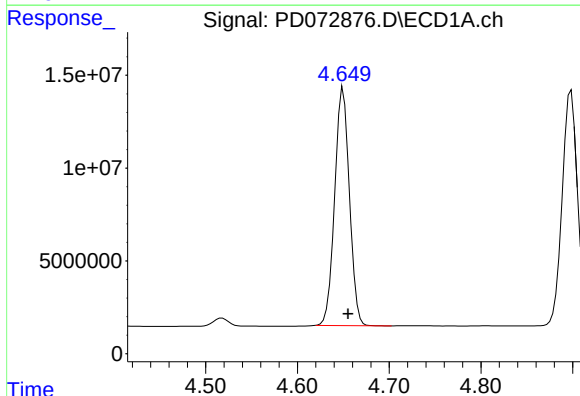
R.T.: 4.066 min  
Delta R.T.: -0.004 min  
Response: 170503463  
Conc: 56.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



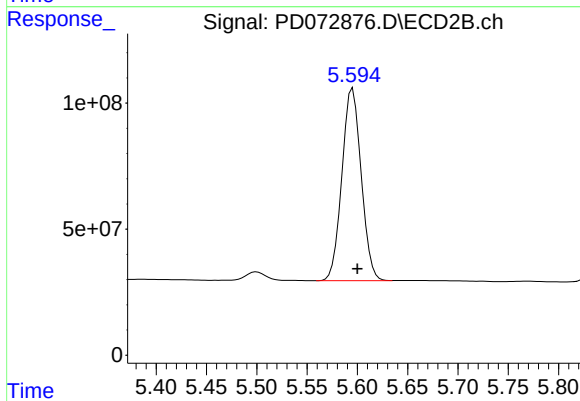
#7 delta-BHC

R.T.: 4.718 min  
Delta R.T.: -0.004 min  
Response: 1589116476  
Conc: 55.05 ng/ml



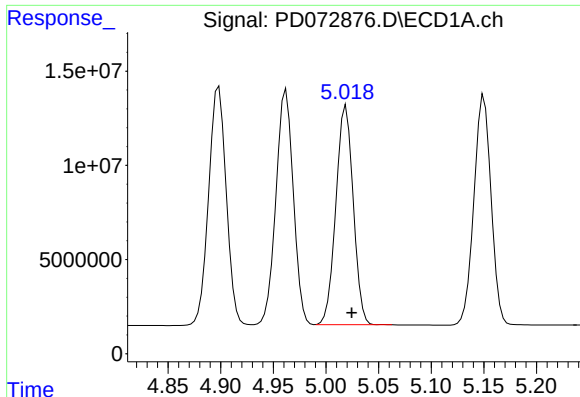
#8 Heptachlor epoxide

R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 143103052  
Conc: 55.10 ng/ml



#8 Heptachlor epoxide

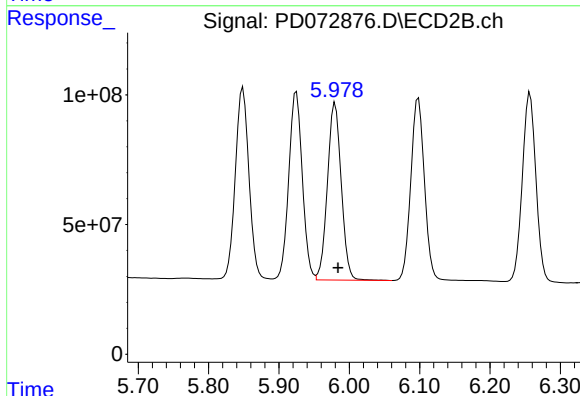
R.T.: 5.595 min  
Delta R.T.: -0.005 min  
Response: 1015159402  
Conc: 56.37 ng/ml



#9 Endosulfan I

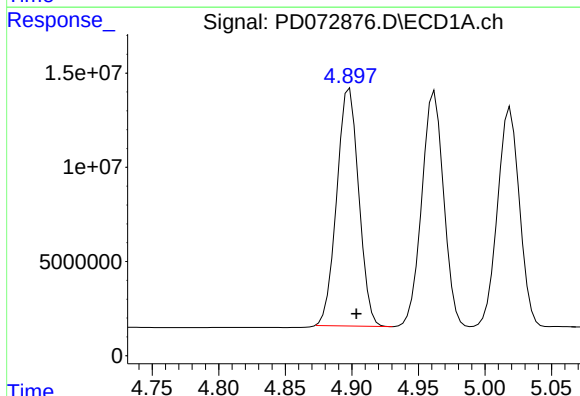
R.T.: 5.019 min  
Delta R.T.: -0.006 min  
Response: 133407094  
Conc: 55.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



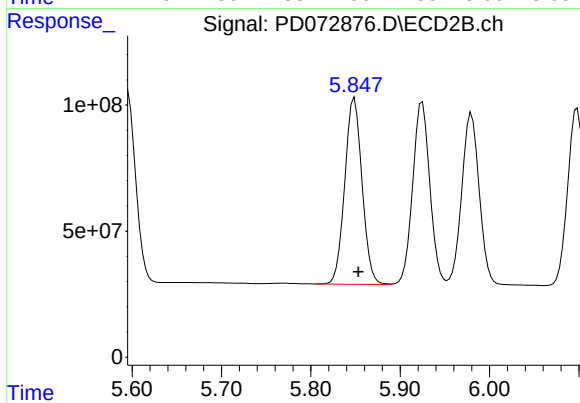
#9 Endosulfan I

R.T.: 5.980 min  
Delta R.T.: -0.004 min  
Response: 932751209  
Conc: 57.11 ng/ml



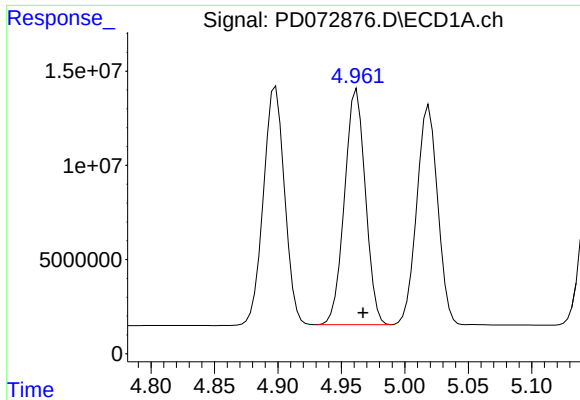
#10 gamma-Chlordane

R.T.: 4.898 min  
Delta R.T.: -0.005 min  
Response: 145215301  
Conc: 54.93 ng/ml



#10 gamma-Chlordane

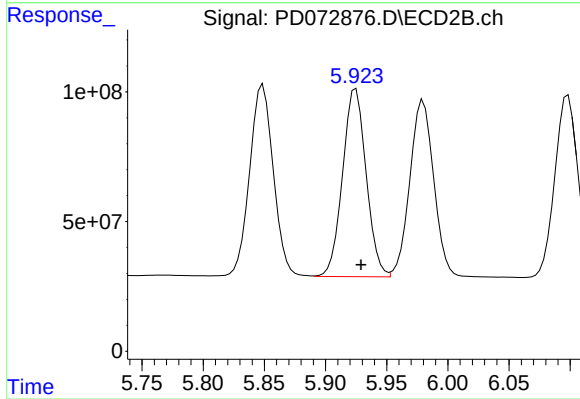
R.T.: 5.849 min  
Delta R.T.: -0.004 min  
Response: 994313685  
Conc: 57.07 ng/ml



#11 alpha-Chlordane

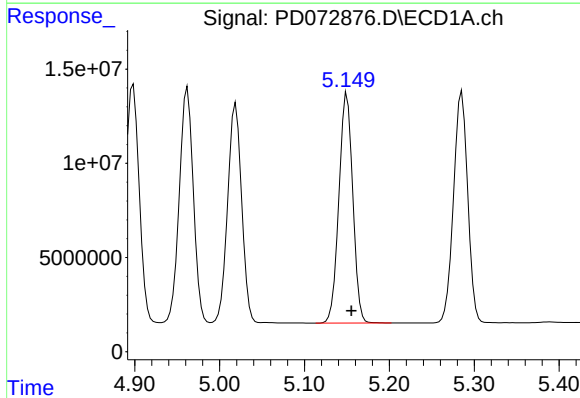
R.T.: 4.962 min  
Delta R.T.: -0.005 min  
Response: 142877534  
Conc: 55.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



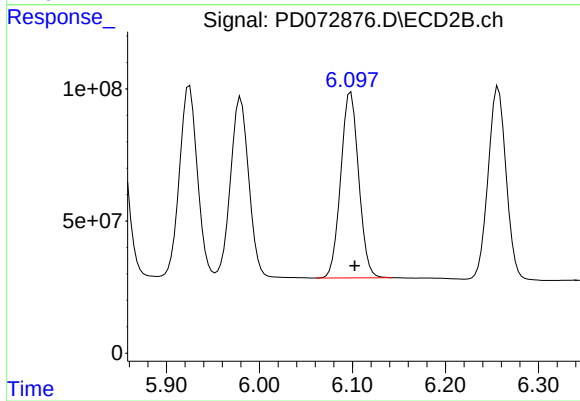
#11 alpha-Chlordane

R.T.: 5.925 min  
Delta R.T.: -0.004 min  
Response: 971218292  
Conc: 56.84 ng/ml



#12 4,4'-DDE

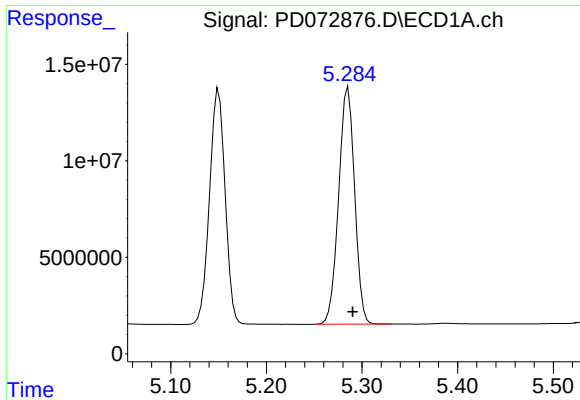
R.T.: 5.150 min  
Delta R.T.: -0.005 min  
Response: 138201840  
Conc: 56.42 ng/ml



#12 4,4'-DDE

R.T.: 6.098 min  
Delta R.T.: -0.004 min  
Response: 941508883  
Conc: 56.75 ng/ml

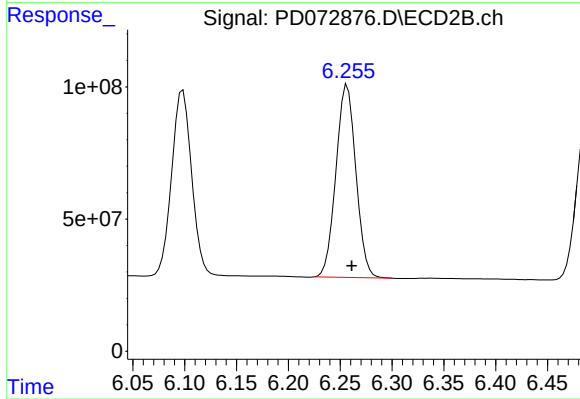




#13 Dieldrin

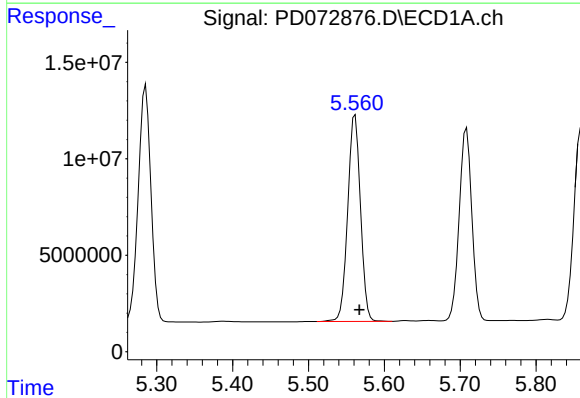
R.T.: 5.285 min  
Delta R.T.: -0.005 min  
Response: 142645807  
Conc: 56.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



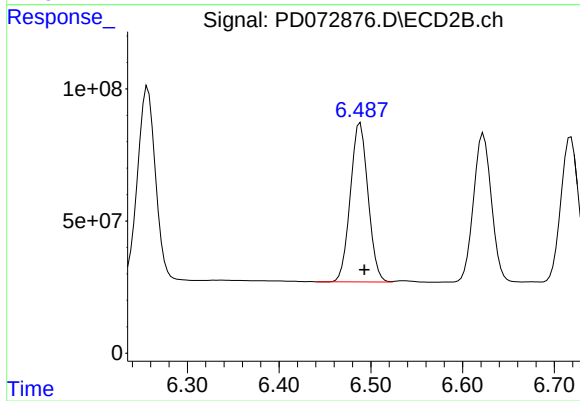
#13 Dieldrin

R.T.: 6.257 min  
Delta R.T.: -0.004 min  
Response: 975390987  
Conc: 57.21 ng/ml



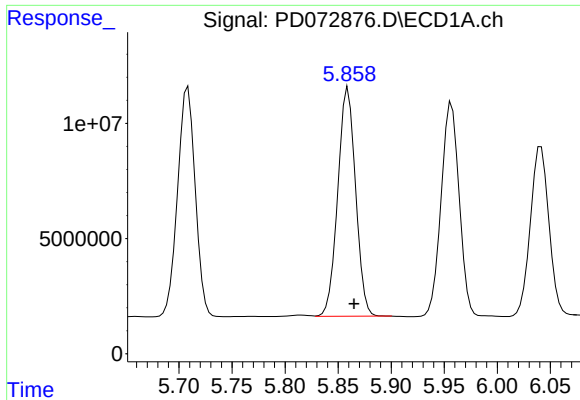
#14 Endrin

R.T.: 5.562 min  
Delta R.T.: -0.005 min  
Response: 125405071  
Conc: 58.06 ng/ml



#14 Endrin

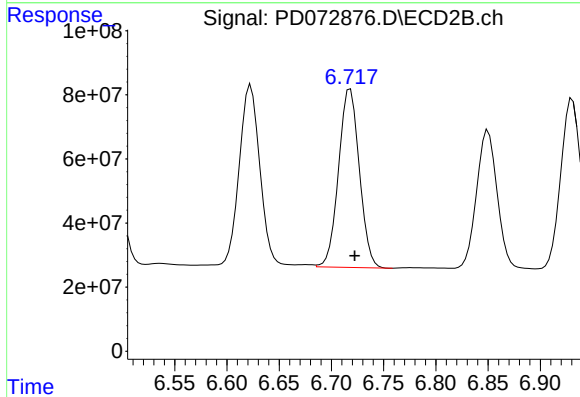
R.T.: 6.489 min  
Delta R.T.: -0.005 min  
Response: 807016842  
Conc: 58.09 ng/ml



#15 Endosulfan II

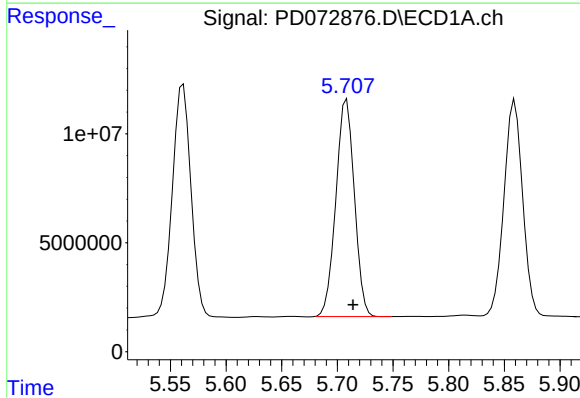
R.T.: 5.859 min  
Delta R.T.: -0.006 min  
Response: 115921323  
Conc: 55.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



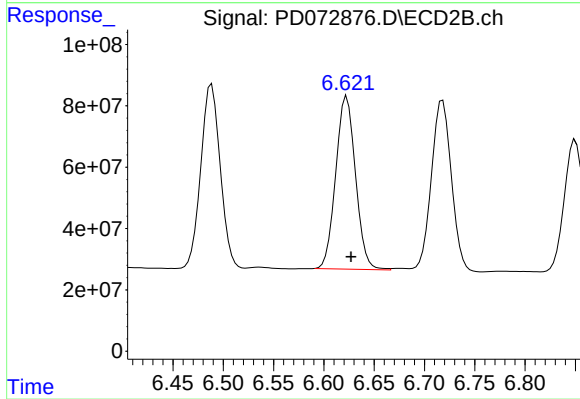
#15 Endosulfan II

R.T.: 6.718 min  
Delta R.T.: -0.004 min  
Response: 770670399  
Conc: 57.10 ng/ml



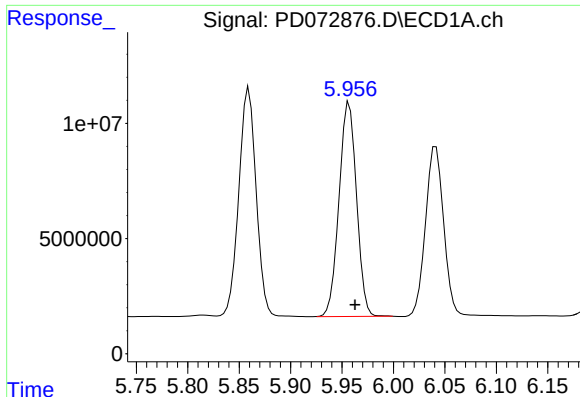
#16 4,4'-DDD

R.T.: 5.708 min  
Delta R.T.: -0.006 min  
Response: 115162989  
Conc: 56.28 ng/ml



#16 4,4'-DDD

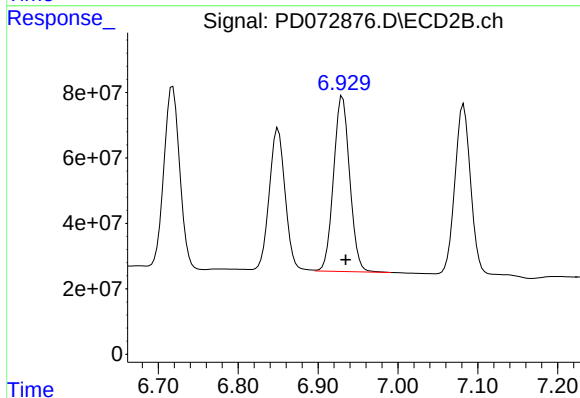
R.T.: 6.623 min  
Delta R.T.: -0.004 min  
Response: 771516624  
Conc: 56.01 ng/ml



#17 4,4'-DDT

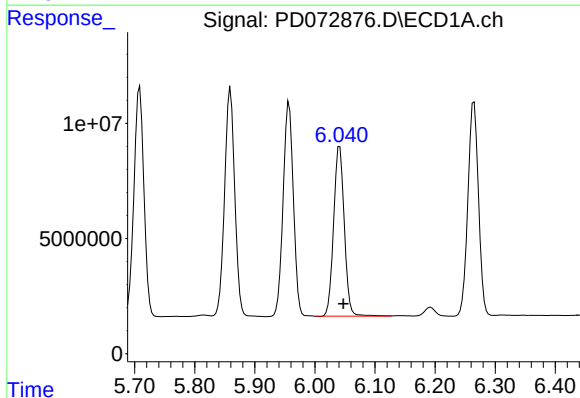
R.T.: 5.957 min  
Delta R.T.: -0.006 min  
Response: 110074797  
Conc: 55.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



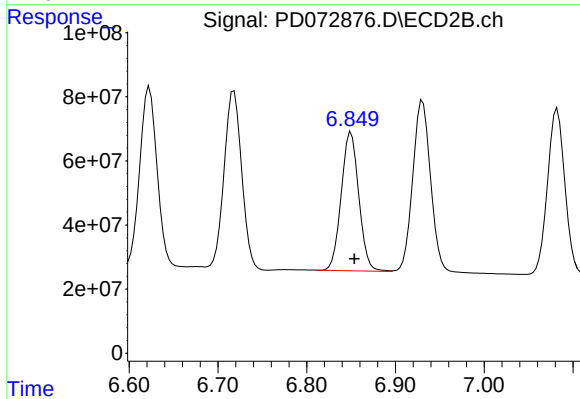
#17 4,4'-DDT

R.T.: 6.931 min  
Delta R.T.: -0.004 min  
Response: 749794156  
Conc: 55.73 ng/ml



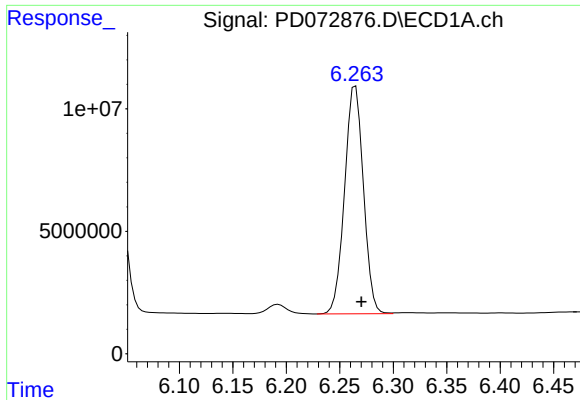
#18 Endrin aldehyde

R.T.: 6.041 min  
Delta R.T.: -0.006 min  
Response: 91120399  
Conc: 54.75 ng/ml



#18 Endrin aldehyde

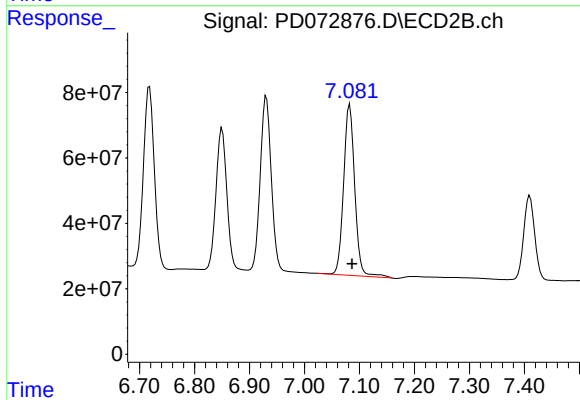
R.T.: 6.850 min  
Delta R.T.: -0.004 min  
Response: 595308880  
Conc: 55.28 ng/ml



#19 Endosulfan Sulfate

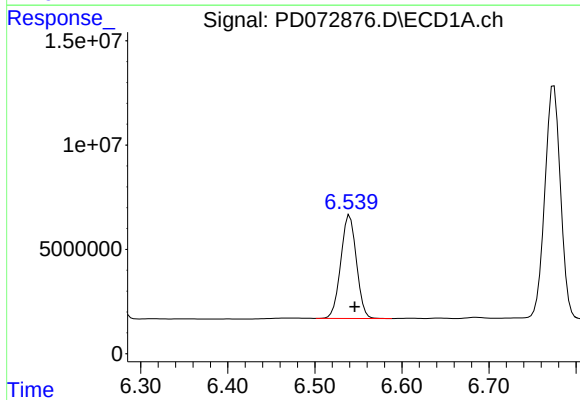
R.T.: 6.265 min  
Delta R.T.: -0.006 min  
Response: 113966533  
Conc: 54.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



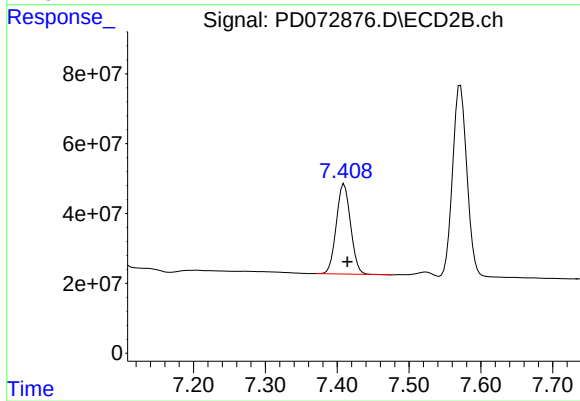
#19 Endosulfan Sulfate

R.T.: 7.082 min  
Delta R.T.: -0.004 min  
Response: 735373684  
Conc: 58.71 ng/ml



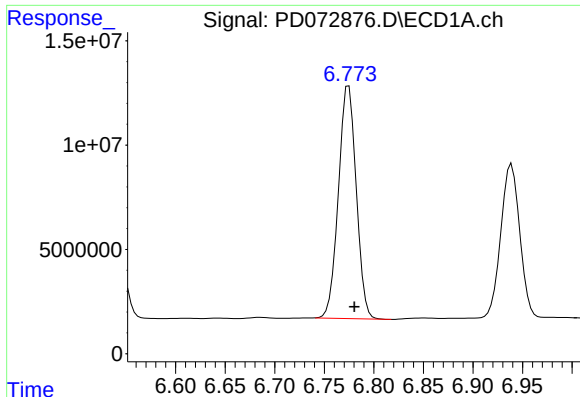
#20 Methoxychlor

R.T.: 6.540 min  
Delta R.T.: -0.006 min  
Response: 61855184  
Conc: 54.79 ng/ml



#20 Methoxychlor

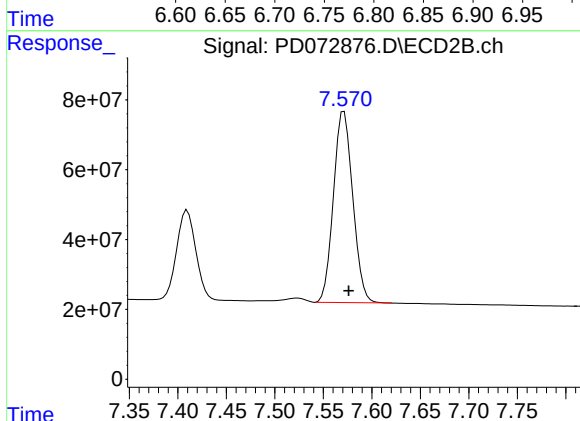
R.T.: 7.410 min  
Delta R.T.: -0.004 min  
Response: 356745598  
Conc: 55.11 ng/ml



#21 Endrin ketone

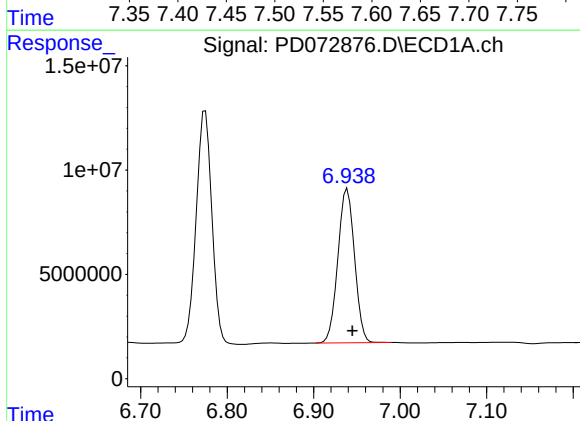
R.T.: 6.775 min  
Delta R.T.: -0.006 min  
Response: 139509119  
Conc: 55.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



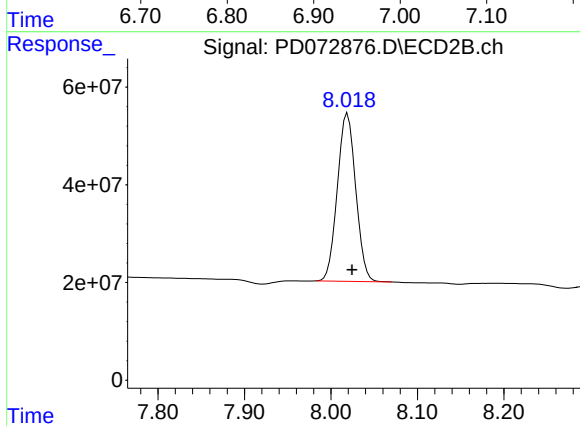
#21 Endrin ketone

R.T.: 7.571 min  
Delta R.T.: -0.005 min  
Response: 757597035  
Conc: 53.55 ng/ml



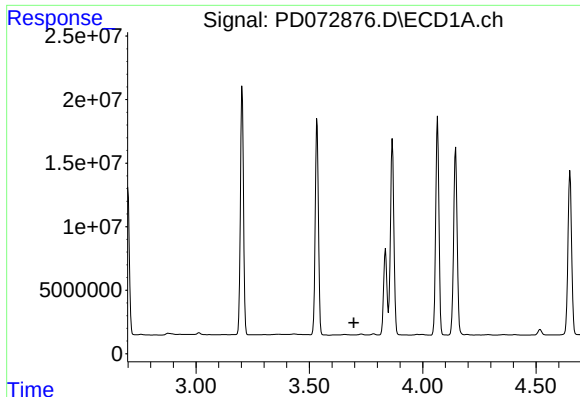
#22 Mirex

R.T.: 6.939 min  
Delta R.T.: -0.006 min  
Response: 98117572  
Conc: 55.23 ng/ml



#22 Mirex

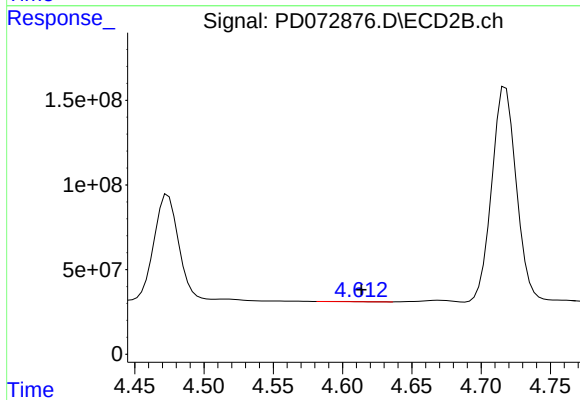
R.T.: 8.019 min  
Delta R.T.: -0.005 min  
Response: 506190231  
Conc: 55.74 ng/ml



#23 Chlordane-1

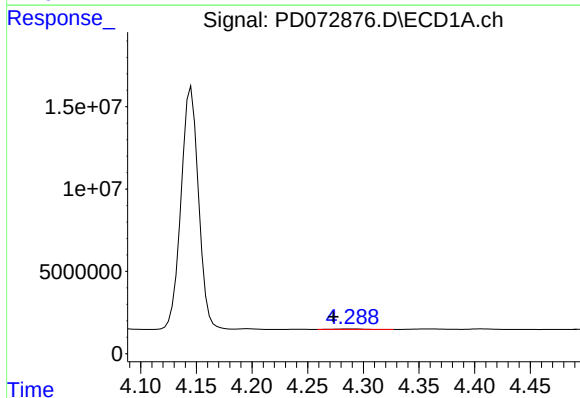
R.T.: 0.000 min  
Exp R.T.: 3.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



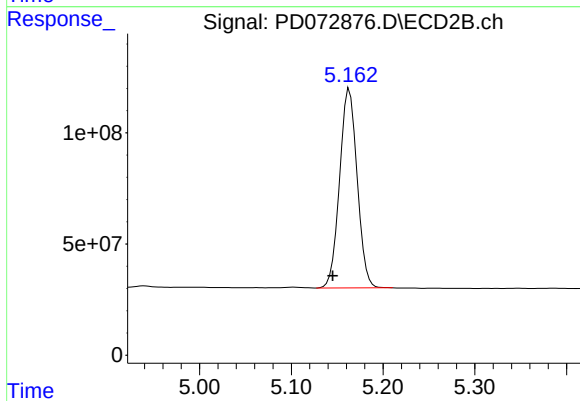
#23 Chlordane-1

R.T.: 4.597 min  
Delta R.T.: -0.017 min  
Response: 1318837  
Conc: 1.32 ng/ml



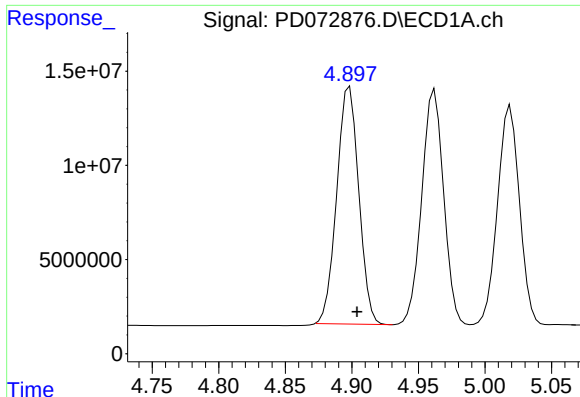
#24 Chlordane-2

R.T.: 4.289 min  
Delta R.T.: 0.016 min  
Response: 473572  
Conc: 4.84 ng/ml



#24 Chlordane-2

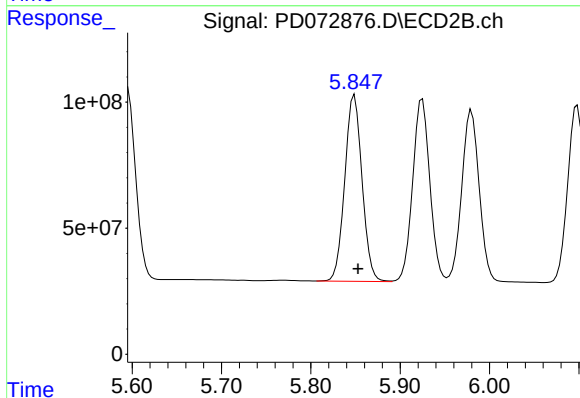
R.T.: 5.163 min  
Delta R.T.: 0.018 min  
Response: 1189980040  
Conc: 1595.23 ng/ml



#25 Chlordane-3

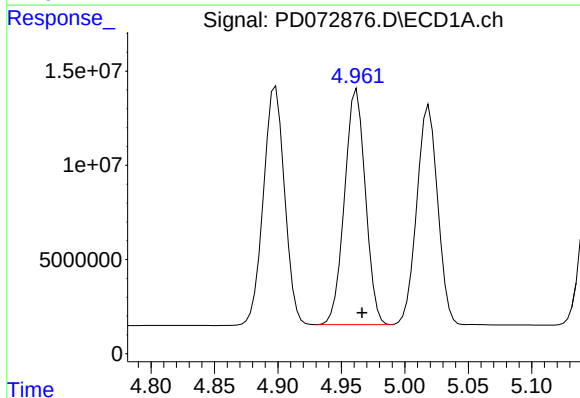
R.T.: 4.898 min  
Delta R.T.: -0.006 min  
Response: 145215301  
Conc: 543.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



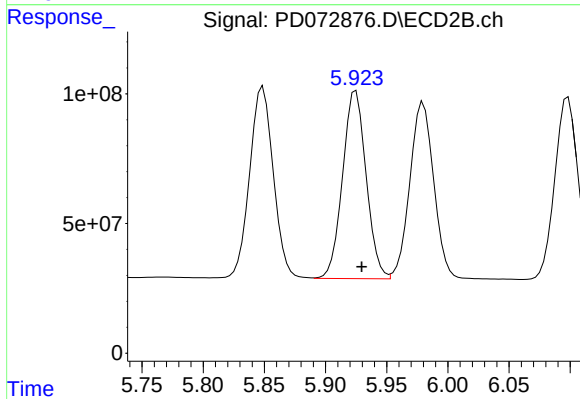
#25 Chlordane-3

R.T.: 5.849 min  
Delta R.T.: -0.004 min  
Response: 994313685  
Conc: 408.58 ng/ml



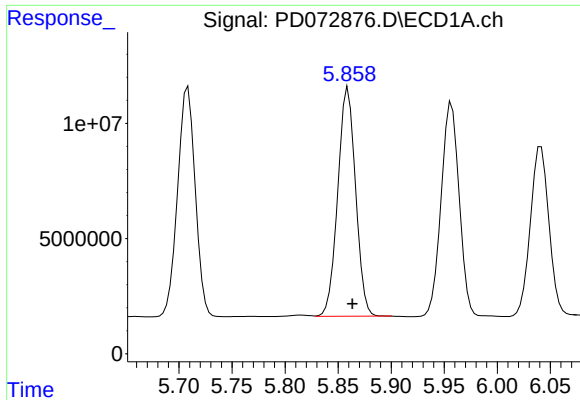
#26 Chlordane-4

R.T.: 4.962 min  
Delta R.T.: -0.004 min  
Response: 142877534  
Conc: 525.68 ng/ml



#26 Chlordane-4

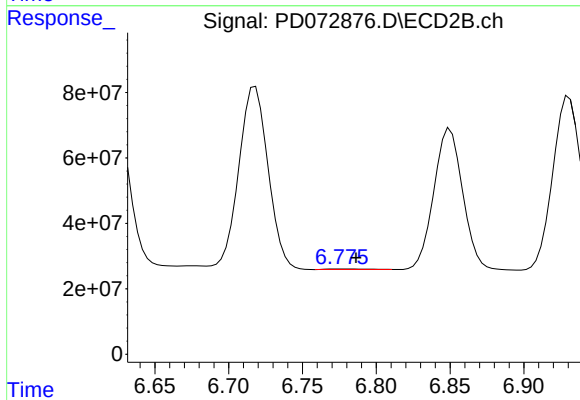
R.T.: 5.925 min  
Delta R.T.: -0.005 min  
Response: 971218292  
Conc: 350.91 ng/ml



#27 Chlordane-5

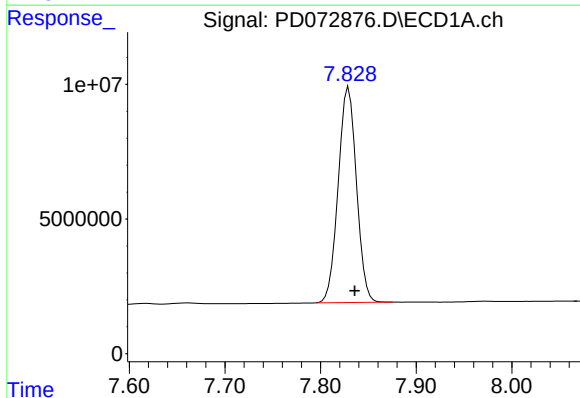
R.T.: 5.859 min  
Delta R.T.: -0.004 min  
Response: 115921323  
Conc: 1222.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



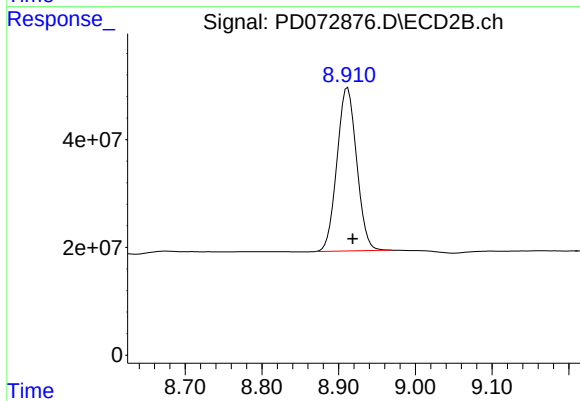
#27 Chlordane-5

R.T.: 6.777 min  
Delta R.T.: -0.009 min  
Response: 2207842  
Conc: 4.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.829 min  
Delta R.T.: -0.006 min  
Response: 106221113  
Conc: 55.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.912 min  
Delta R.T.: -0.007 min  
Response: 541729020  
Conc: 56.53 ng/ml