

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
 Data File : PD073476.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2022 21:00  
 Operator : AR\AJ  
 Sample : PB149888BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 06:38:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 16 15:46:21 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... | 2.693 | 3.455  | 46240684 | 2128.3E6 | 22.063   | 21.641     |
| 28)                         | SA Decachlor... | 7.824 | 8.908  | 57044979 | 487.8E6  | 23.560   | 27.670     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.196 | 3.919  | 190.5E6  | 6962.1E6 | 55.064   | 52.089     |
| 3)                          | MA gamma-BHC... | 3.526 | 4.253  | 161.2E6  | 5066.7E6 | 58.606   | 51.350     |
| 4)                          | MA Heptachlor   | 3.858 | 4.819  | 171.2E6  | 3460.3E6 | 54.724   | 54.301     |
| 5)                          | MB Aldrin       | 4.137 | 5.158  | 174.5E6  | 3215.0E6 | 56.324   | 58.350     |
| 6)                          | B beta-BHC      | 3.828 | 4.468  | 65840137 | 1709.3E6 | 51.847   | 50.443     |
| 7)                          | B delta-BHC     | 4.057 | 4.712  | 172.9E6  | 3856.6E6 | 54.912   | 58.123     |
| 8)                          | B Heptachlo...  | 4.642 | 5.590  | 151.8E6  | 2667.3E6 | 54.772   | 59.832     |
| 9)                          | A Endosulfan I  | 5.011 | 5.975  | 141.9E6  | 2428.2E6 | 53.599   | 58.486     |
| 10)                         | B gamma-Chl...  | 4.891 | 5.844  | 154.5E6  | 2545.7E6 | 54.151   | 56.952     |
| 11)                         | B alpha-Chl...  | 4.954 | 5.919  | 153.2E6  | 2581.9E6 | 54.393   | 58.998     |
| 12)                         | B 4,4'-DDE      | 5.142 | 6.094  | 149.3E6  | 2581.8E6 | 55.134   | 61.092     |
| 13)                         | MA Dieldrin     | 5.277 | 6.252  | 155.1E6  | 2593.2E6 | 54.977   | 61.727     |
| 14)                         | MA Endrin       | 5.554 | 6.484  | 141.9E6  | 2197.9E6 | 55.263   | 66.899     |
| 15)                         | B Endosulfa...  | 5.852 | 6.714  | 125.3E6  | 2023.9E6 | 53.052   | 63.710     |
| 16)                         | A 4,4'-DDD      | 5.701 | 6.618  | 122.6E6  | 1904.8E6 | 54.372   | 60.966     |
| 17)                         | MA 4,4'-DDT     | 5.949 | 6.925  | 117.7E6  | 1829.3E6 | 53.132   | 60.535     |
| 18)                         | B Endrin al...  | 6.034 | 6.845  | 106.9E6  | 1556.2E6 | 56.815   | 66.382     |
| 19)                         | B Endosulfa...  | 6.257 | 7.078  | 127.1E6  | 1721.0E6 | 53.456   | 62.902     |
| 20)                         | A Methoxychlor  | 6.533 | 7.406  | 70933814 | 824.1E6  | 53.221   | 60.881     |
| 21)                         | B Endrin ke...  | 6.768 | 7.567  | 148.4E6  | 1679.4E6 | 54.619   | 61.164     |
| 22)                         | Mirex           | 6.933 | 8.015  | 112.4E6  | 1046.5E6 | 54.073   | 59.835     |
| 23)                         | Chlordane-1     | 0.000 | 4.589f | 0        | 8901057  | N.D.     | 3.516 #    |
| 24)                         | Chlordane-2     | 4.276 | 5.158f | 194312   | 3215.0E6 | 1.950    | 1923.111 # |
| 25)                         | Chlordane-3     | 4.891 | 5.844  | 154.5E6  | 2545.7E6 | 517.610  | 438.652    |
| 26)                         | Chlordane-4     | 4.954 | 5.919  | 153.2E6  | 2581.9E6 | 507.021  | 354.699 #  |
| 27)                         | Chlordane-5     | 5.852 | 0.000  | 125.3E6  | 0        | 1389.197 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

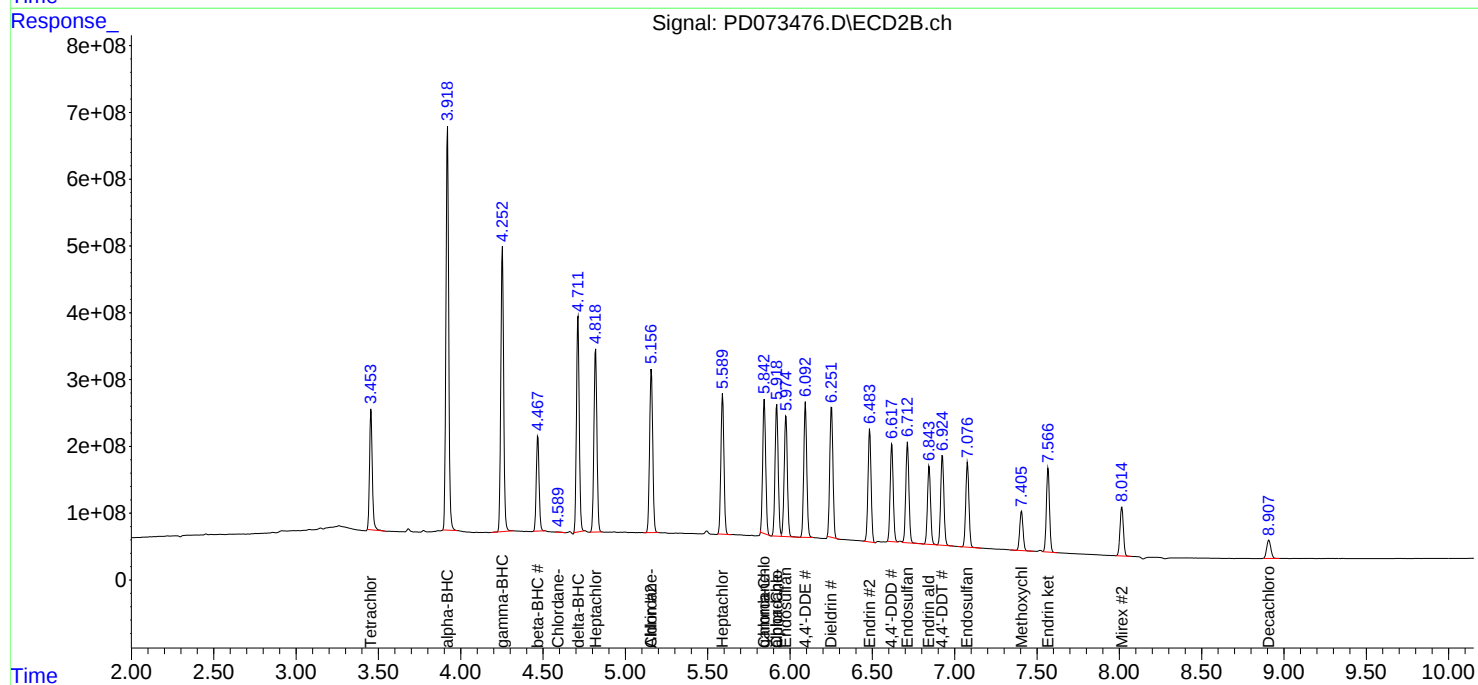
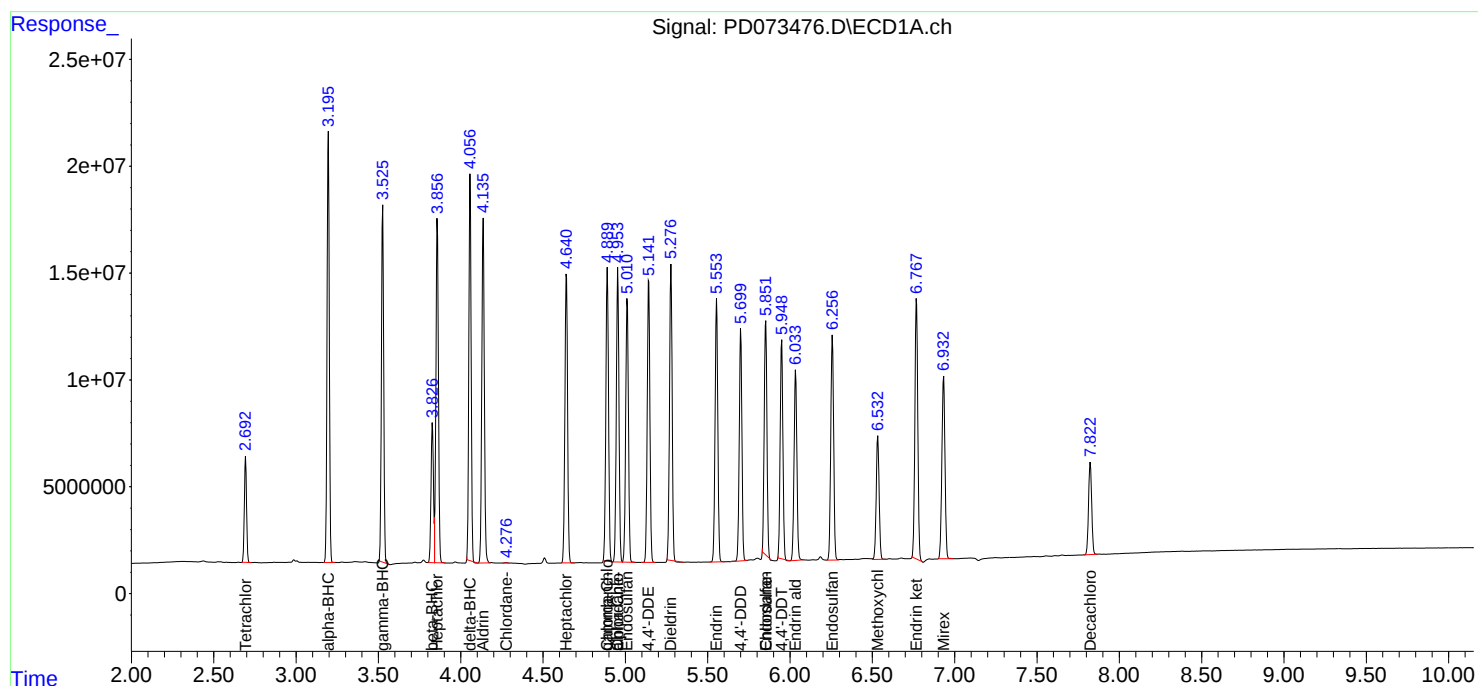
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

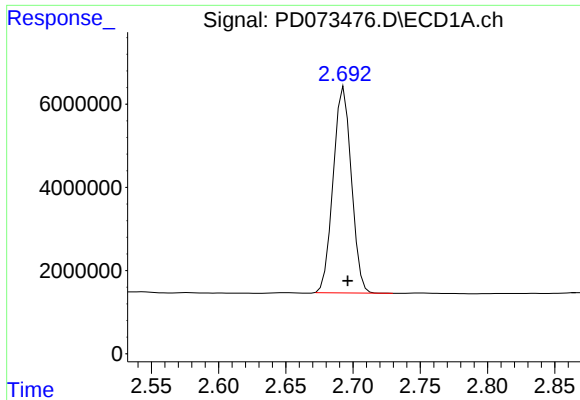
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
 Data File : PD073476.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2022 21:00  
 Operator : AR\AJ  
 Sample : PB149888BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 06:38:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
 Quant Title : GC Extractables  
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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

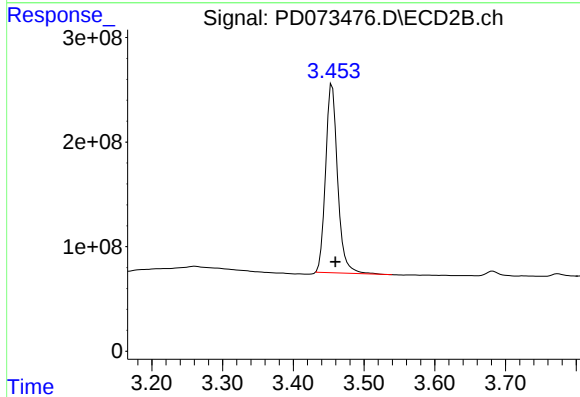




#1 Tetrachloro-m-xylene

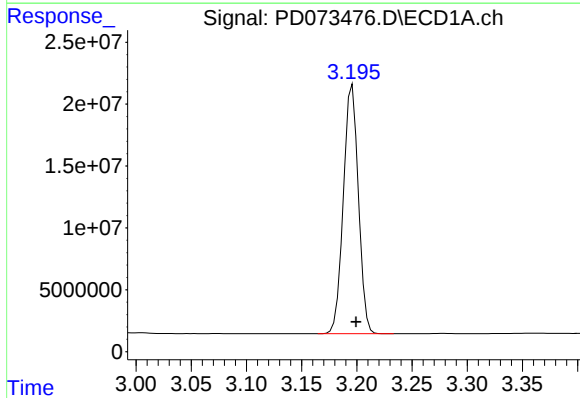
R.T.: 2.693 min  
Delta R.T.: -0.003 min  
Response: 46240684  
Conc: 22.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



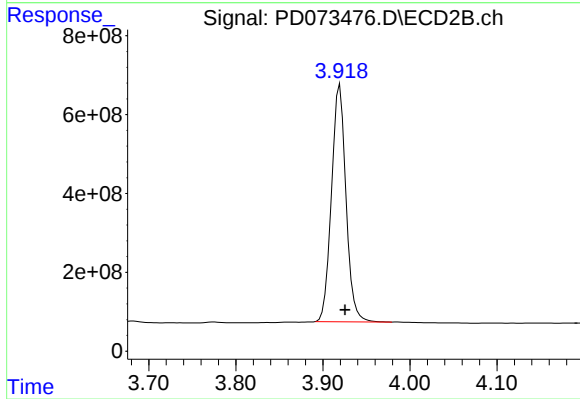
#1 Tetrachloro-m-xylene

R.T.: 3.455 min  
Delta R.T.: -0.004 min  
Response: 2128286897  
Conc: 21.64 ng/ml



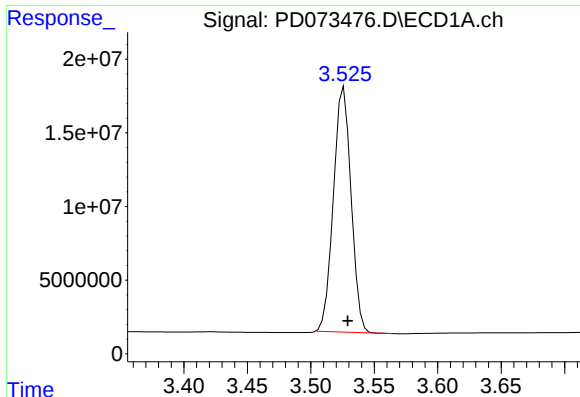
#2 alpha-BHC

R.T.: 3.196 min  
Delta R.T.: -0.003 min  
Response: 190459928  
Conc: 55.06 ng/ml



#2 alpha-BHC

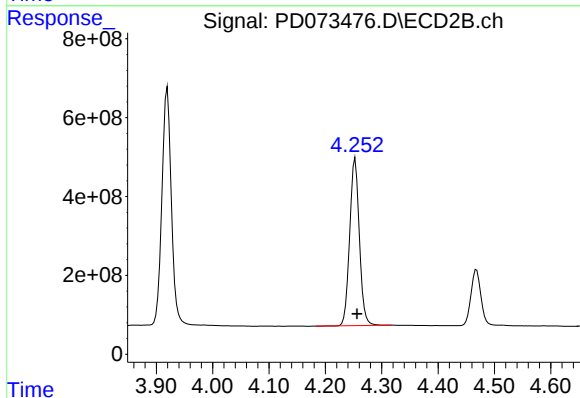
R.T.: 3.919 min  
Delta R.T.: -0.006 min  
Response: 6962081596  
Conc: 52.09 ng/ml



#3 gamma-BHC (Lindane)

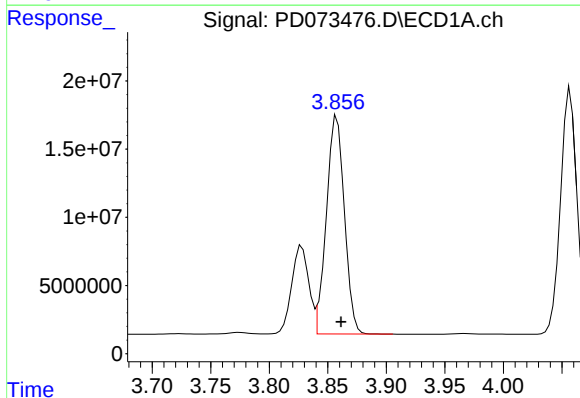
R.T.: 3.526 min  
Delta R.T.: -0.003 min  
Response: 161150160  
Conc: 58.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



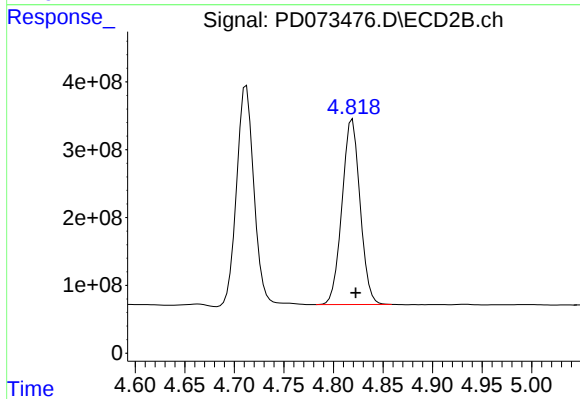
#3 gamma-BHC (Lindane)

R.T.: 4.253 min  
Delta R.T.: -0.004 min  
Response: 5066728394  
Conc: 51.35 ng/ml



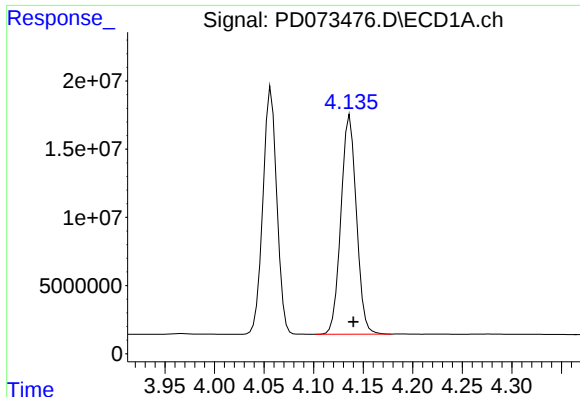
#4 Heptachlor

R.T.: 3.858 min  
Delta R.T.: -0.003 min  
Response: 171192007  
Conc: 54.72 ng/ml



#4 Heptachlor

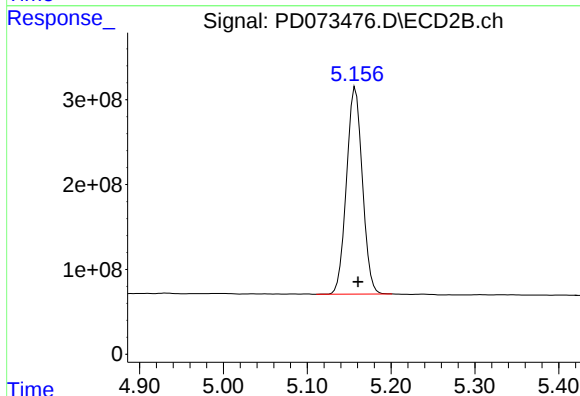
R.T.: 4.819 min  
Delta R.T.: -0.003 min  
Response: 3460317123  
Conc: 54.30 ng/ml



#5 Aldrin

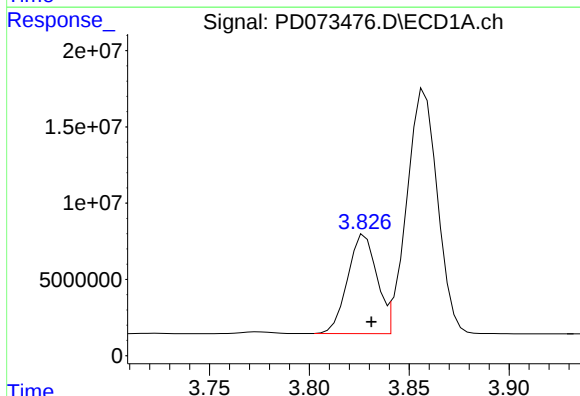
R.T.: 4.137 min  
Delta R.T.: -0.003 min  
Response: 174498087  
Conc: 56.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



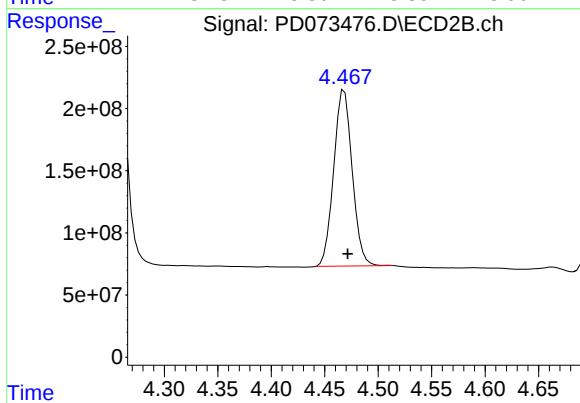
#5 Aldrin

R.T.: 5.158 min  
Delta R.T.: -0.003 min  
Response: 3215034921  
Conc: 58.35 ng/ml



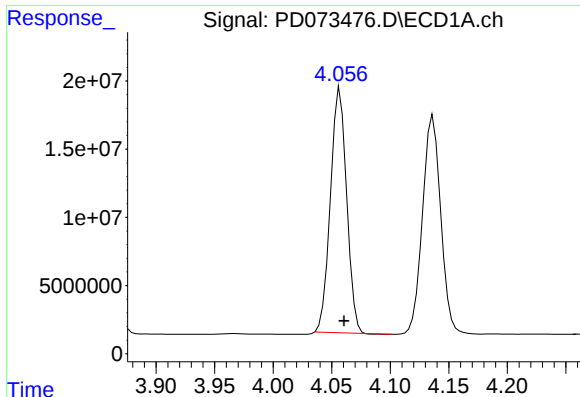
#6 beta-BHC

R.T.: 3.828 min  
Delta R.T.: -0.003 min  
Response: 65840137  
Conc: 51.85 ng/ml



#6 beta-BHC

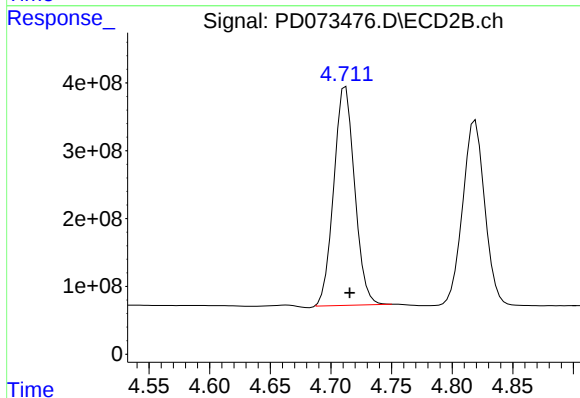
R.T.: 4.468 min  
Delta R.T.: -0.003 min  
Response: 1709278612  
Conc: 50.44 ng/ml



#7 delta-BHC

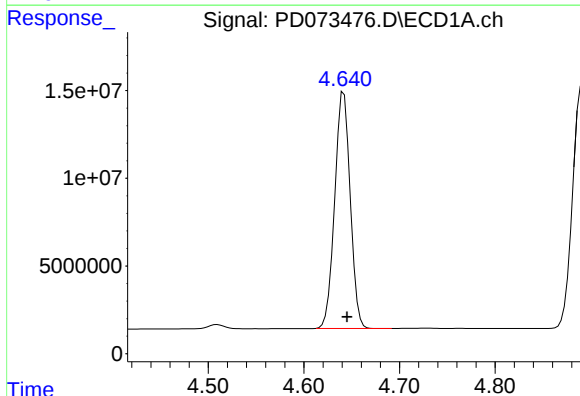
R.T.: 4.057 min  
Delta R.T.: -0.003 min  
Response: 172888087  
Conc: 54.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



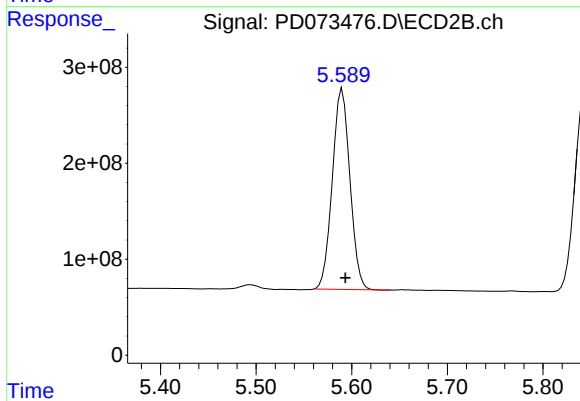
#7 delta-BHC

R.T.: 4.712 min  
Delta R.T.: -0.003 min  
Response: 3856640148  
Conc: 58.12 ng/ml



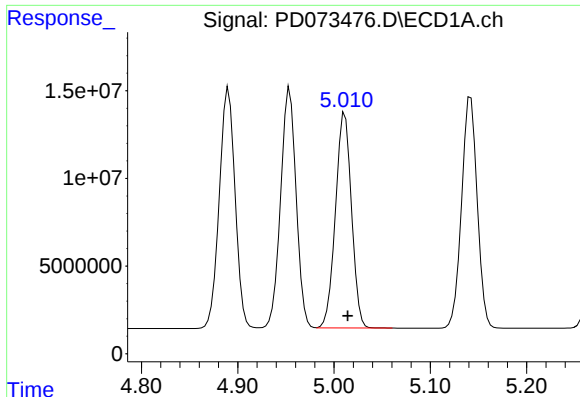
#8 Heptachlor epoxide

R.T.: 4.642 min  
Delta R.T.: -0.003 min  
Response: 151807434  
Conc: 54.77 ng/ml



#8 Heptachlor epoxide

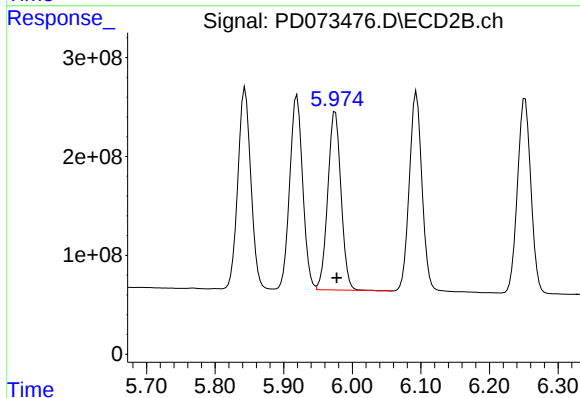
R.T.: 5.590 min  
Delta R.T.: -0.003 min  
Response: 2667274241  
Conc: 59.83 ng/ml



#9 Endosulfan I

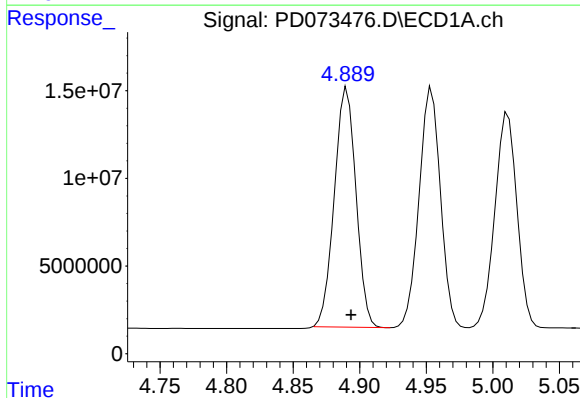
R.T.: 5.011 min  
Delta R.T.: -0.003 min  
Response: 141852904  
Conc: 53.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



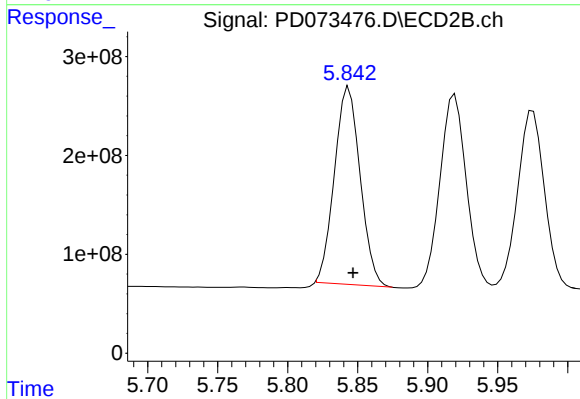
#9 Endosulfan I

R.T.: 5.975 min  
Delta R.T.: -0.002 min  
Response: 2428153266  
Conc: 58.49 ng/ml



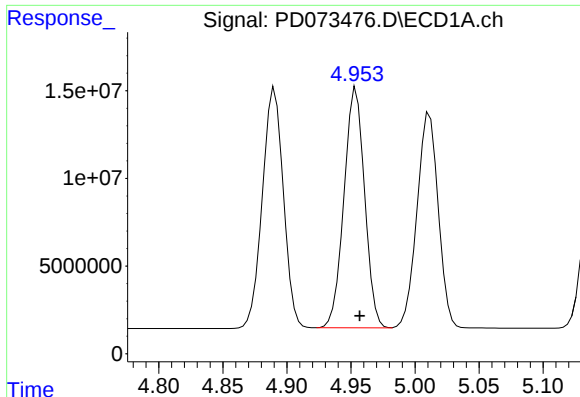
#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.003 min  
Response: 154511817  
Conc: 54.15 ng/ml



#10 gamma-Chlordane

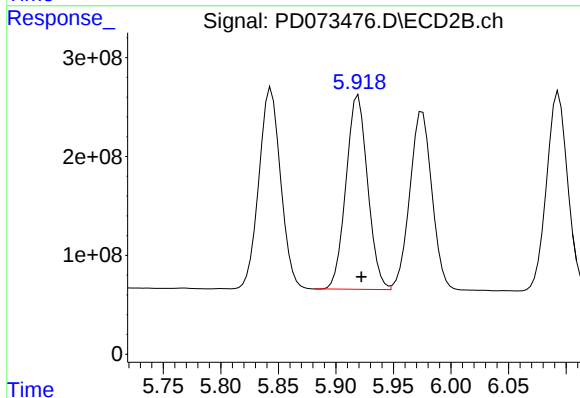
R.T.: 5.844 min  
Delta R.T.: -0.003 min  
Response: 2545744340  
Conc: 56.95 ng/ml



#11 alpha-Chlordane

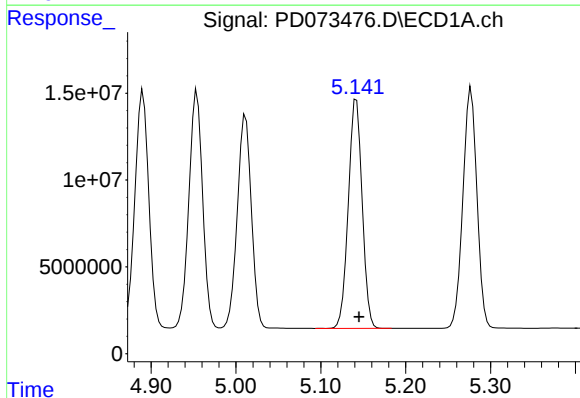
R.T.: 4.954 min  
Delta R.T.: -0.003 min  
Response: 153238691  
Conc: 54.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



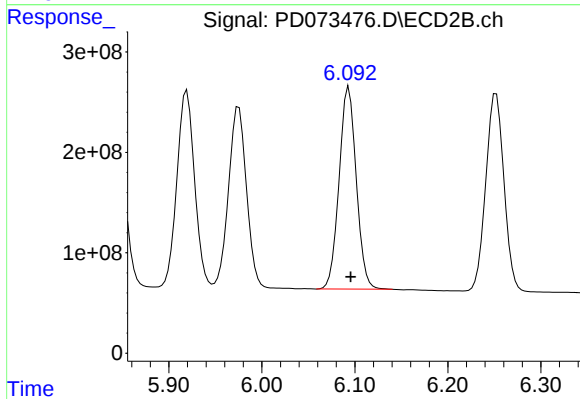
#11 alpha-Chlordane

R.T.: 5.919 min  
Delta R.T.: -0.003 min  
Response: 2581855701  
Conc: 59.00 ng/ml



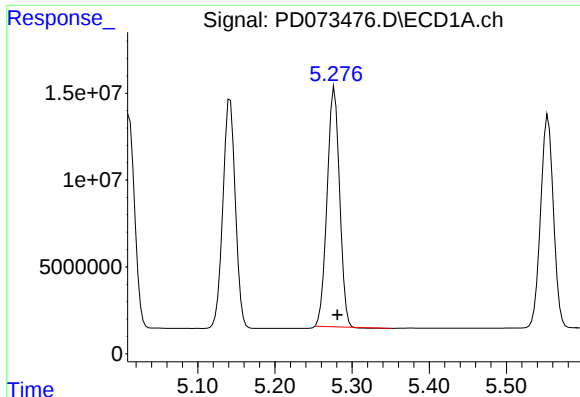
#12 4,4'-DDE

R.T.: 5.142 min  
Delta R.T.: -0.003 min  
Response: 149292252  
Conc: 55.13 ng/ml



#12 4,4'-DDE

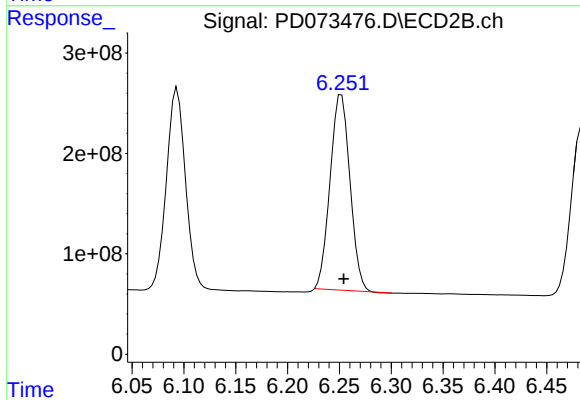
R.T.: 6.094 min  
Delta R.T.: -0.002 min  
Response: 2581837637  
Conc: 61.09 ng/ml



#13 Dieldrin

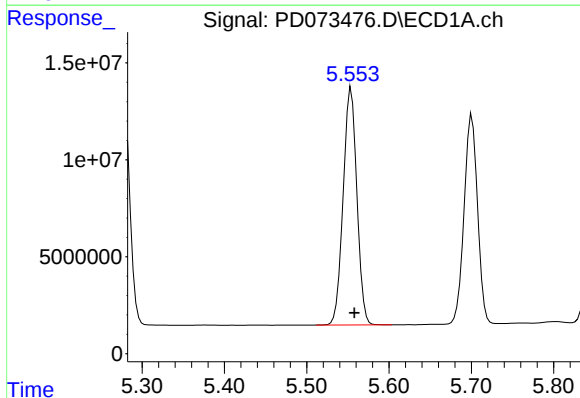
R.T.: 5.277 min  
Delta R.T.: -0.003 min  
Response: 155143943  
Conc: 54.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



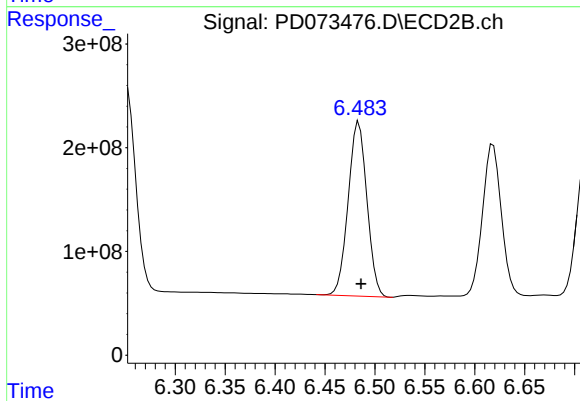
#13 Dieldrin

R.T.: 6.252 min  
Delta R.T.: -0.002 min  
Response: 2593152244  
Conc: 61.73 ng/ml



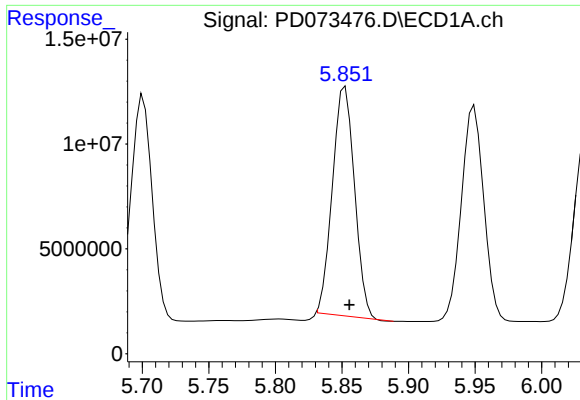
#14 Endrin

R.T.: 5.554 min  
Delta R.T.: -0.004 min  
Response: 141897691  
Conc: 55.26 ng/ml



#14 Endrin

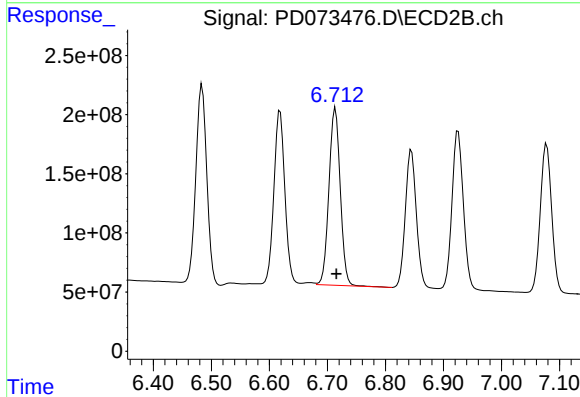
R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 2197877941  
Conc: 66.90 ng/ml



#15 Endosulfan II

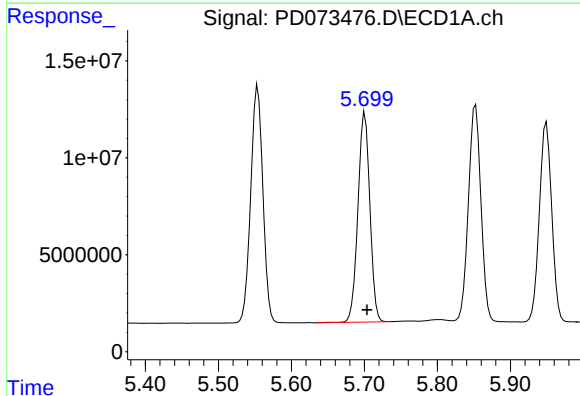
R.T.: 5.852 min  
Delta R.T.: -0.003 min  
Response: 125341797  
Conc: 53.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



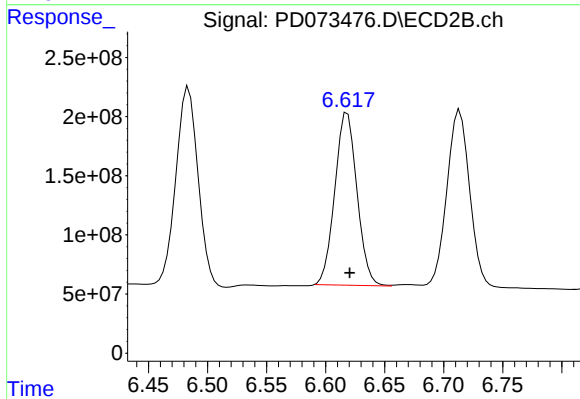
#15 Endosulfan II

R.T.: 6.714 min  
Delta R.T.: -0.002 min  
Response: 2023868376  
Conc: 63.71 ng/ml



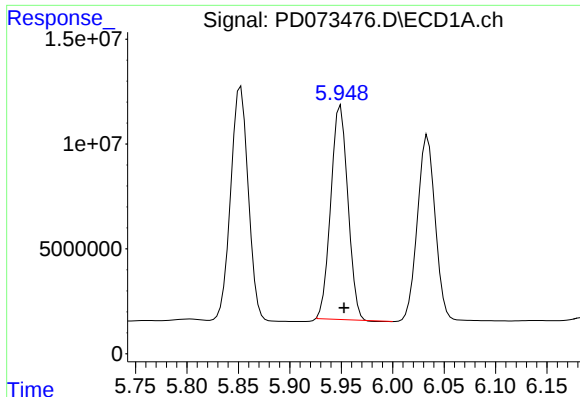
#16 4,4'-DDD

R.T.: 5.701 min  
Delta R.T.: -0.003 min  
Response: 122633118  
Conc: 54.37 ng/ml



#16 4,4'-DDD

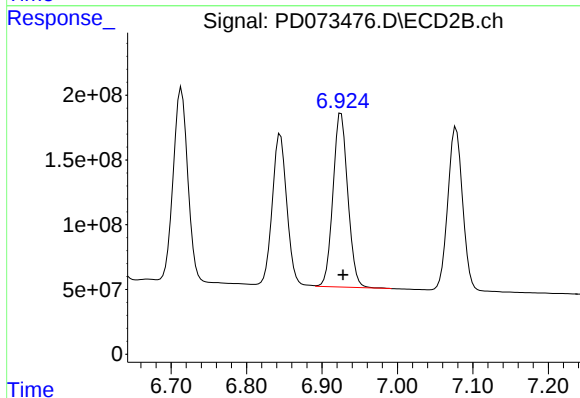
R.T.: 6.618 min  
Delta R.T.: -0.002 min  
Response: 1904761820  
Conc: 60.97 ng/ml



#17 4,4'-DDT

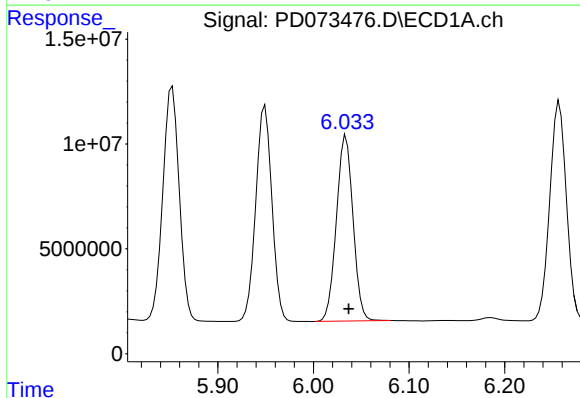
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 117695405  
Conc: 53.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



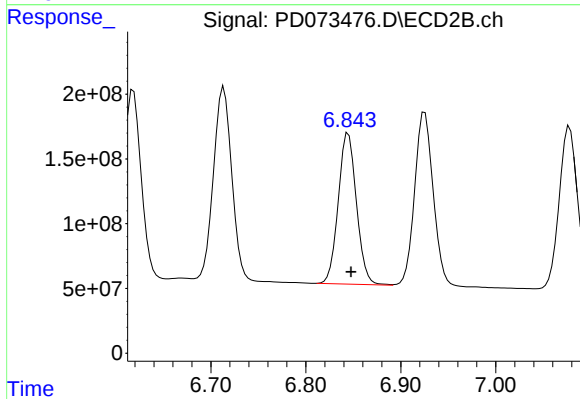
#17 4,4'-DDT

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 1829338437  
Conc: 60.54 ng/ml



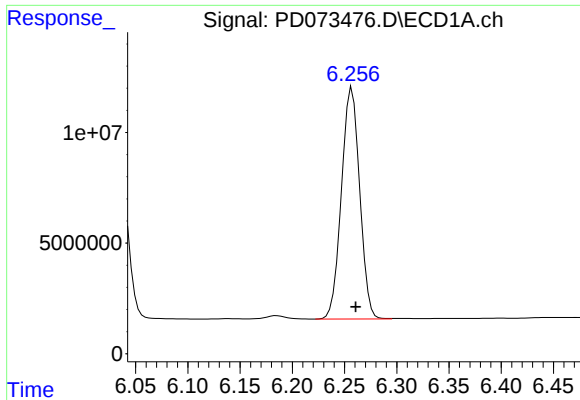
#18 Endrin aldehyde

R.T.: 6.034 min  
Delta R.T.: -0.003 min  
Response: 106944985  
Conc: 56.82 ng/ml



#18 Endrin aldehyde

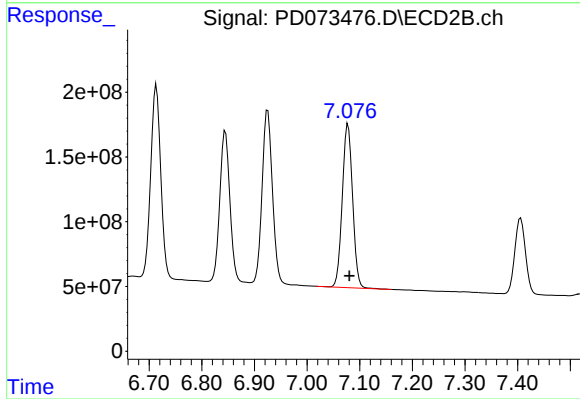
R.T.: 6.845 min  
Delta R.T.: -0.003 min  
Response: 1556197639  
Conc: 66.38 ng/ml



#19 Endosulfan Sulfate

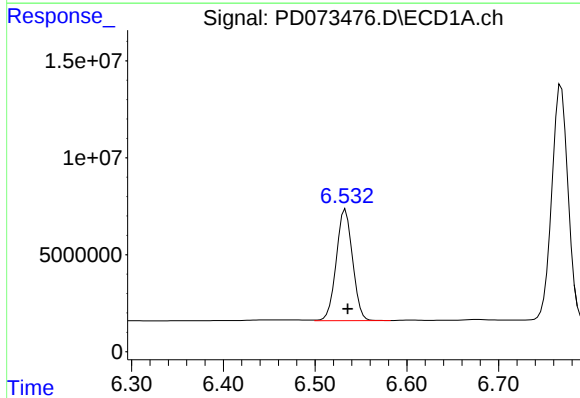
R.T.: 6.257 min  
Delta R.T.: -0.003 min  
Response: 127057061  
Conc: 53.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



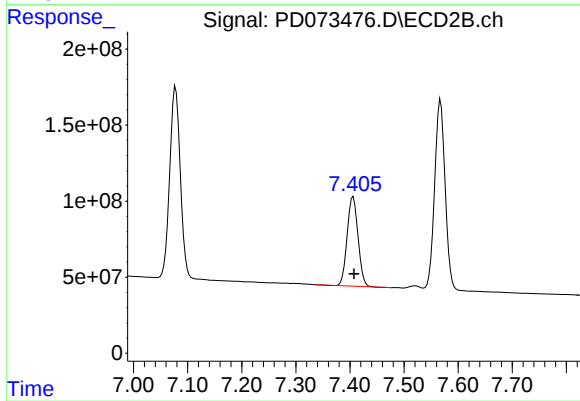
#19 Endosulfan Sulfate

R.T.: 7.078 min  
Delta R.T.: -0.003 min  
Response: 1720994712  
Conc: 62.90 ng/ml



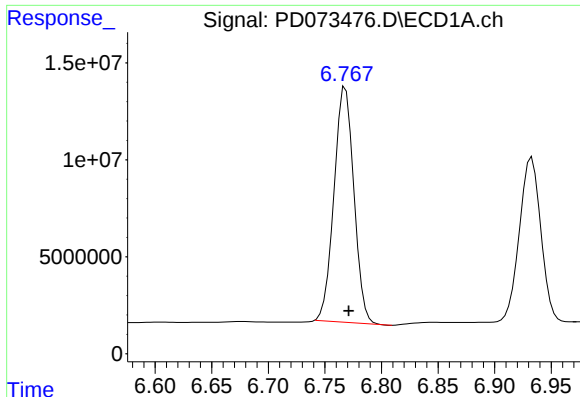
#20 Methoxychlor

R.T.: 6.533 min  
Delta R.T.: -0.003 min  
Response: 70933814  
Conc: 53.22 ng/ml



#20 Methoxychlor

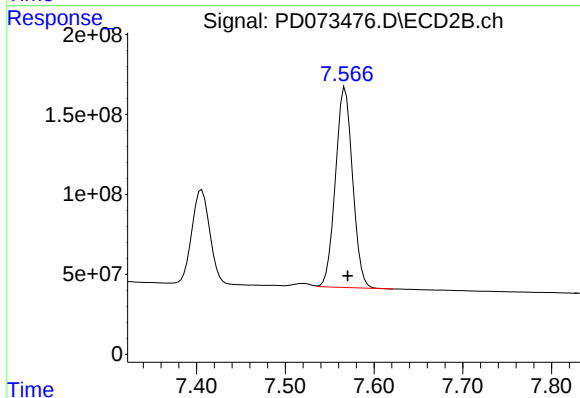
R.T.: 7.406 min  
Delta R.T.: -0.002 min  
Response: 824053933  
Conc: 60.88 ng/ml



#21 Endrin ketone

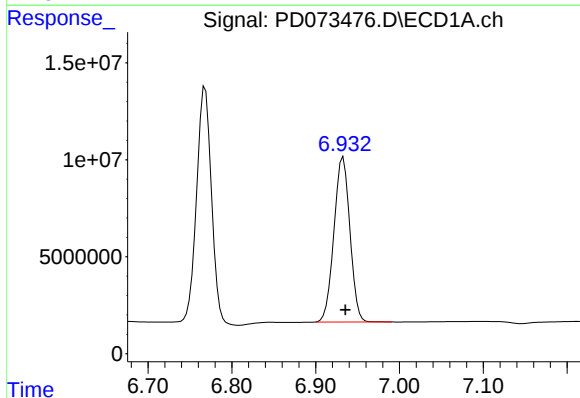
R.T.: 6.768 min  
Delta R.T.: -0.003 min  
Response: 148426097  
Conc: 54.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



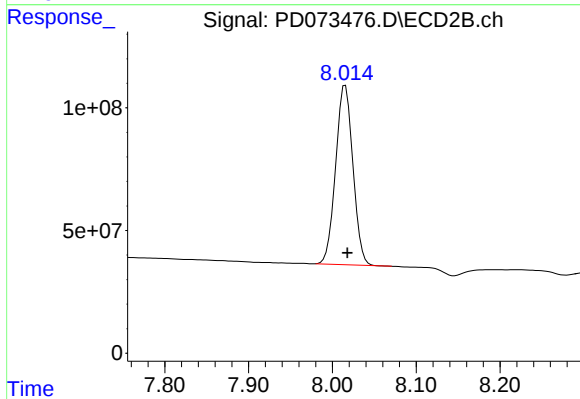
#21 Endrin ketone

R.T.: 7.567 min  
Delta R.T.: -0.003 min  
Response: 1679352273  
Conc: 61.16 ng/ml



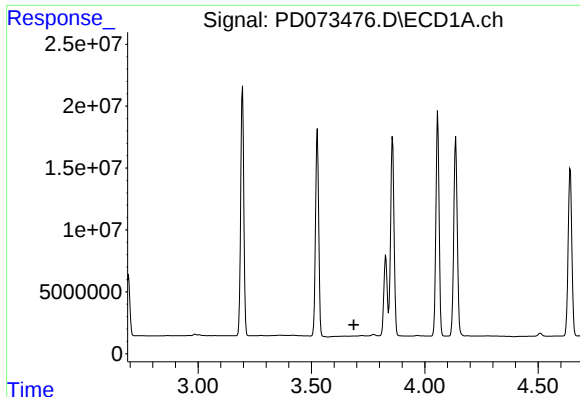
#22 Mirex

R.T.: 6.933 min  
Delta R.T.: -0.003 min  
Response: 112398239  
Conc: 54.07 ng/ml



#22 Mirex

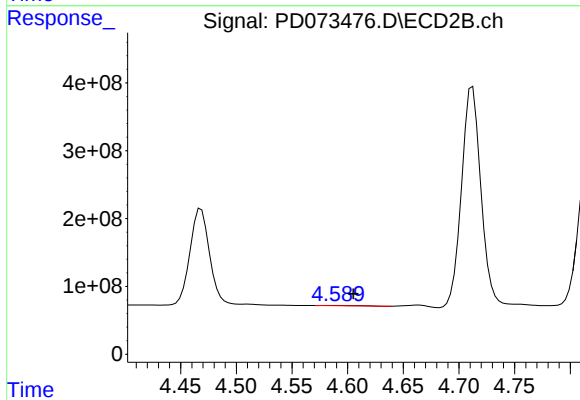
R.T.: 8.015 min  
Delta R.T.: -0.002 min  
Response: 1046535831  
Conc: 59.83 ng/ml



#23 Chlordane-1

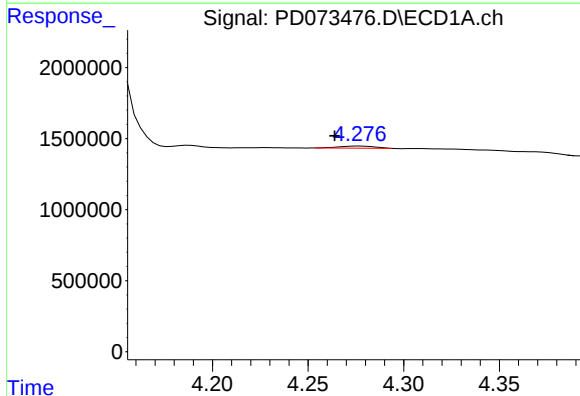
R.T.: 0.000 min  
Exp R.T.: 3.687 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



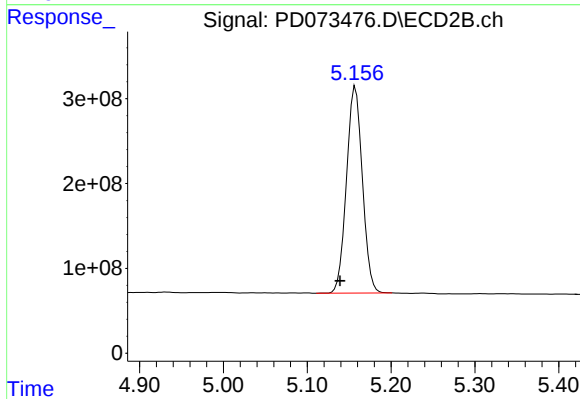
#23 Chlordane-1

R.T.: 4.589 min  
Delta R.T.: -0.016 min  
Response: 8901057  
Conc: 3.52 ng/ml



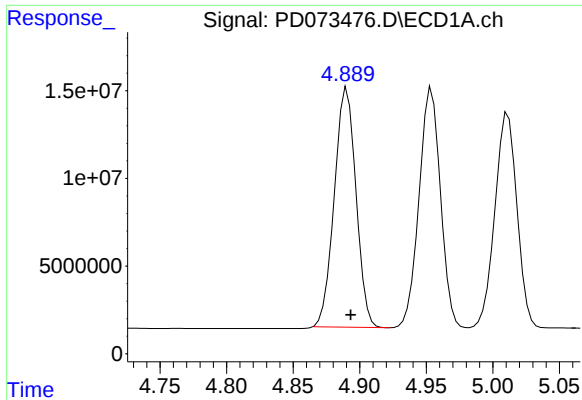
#24 Chlordane-2

R.T.: 4.276 min  
Delta R.T.: 0.012 min  
Response: 194312  
Conc: 1.95 ng/ml



#24 Chlordane-2

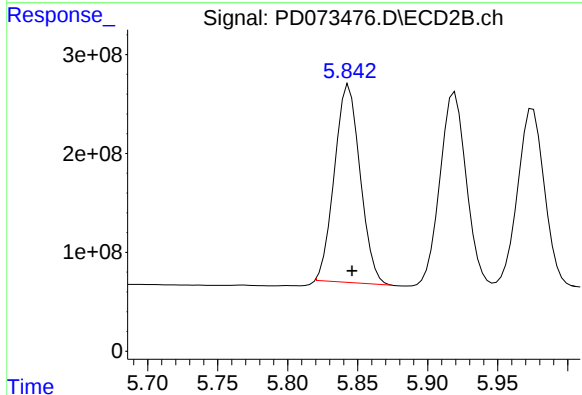
R.T.: 5.158 min  
Delta R.T.: 0.019 min  
Response: 3215034921  
Conc: 1923.11 ng/ml



#25 Chlordane-3

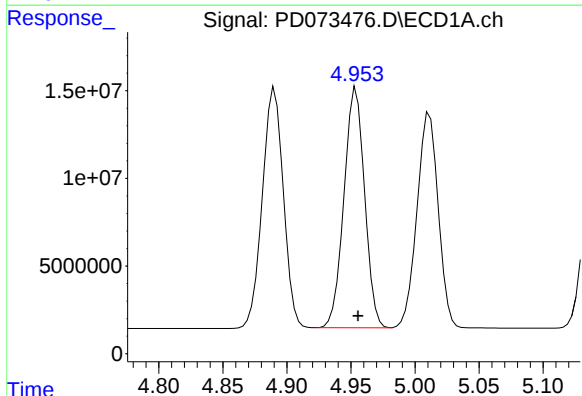
R.T.: 4.891 min  
Delta R.T.: -0.003 min  
Response: 154511817  
Conc: 517.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



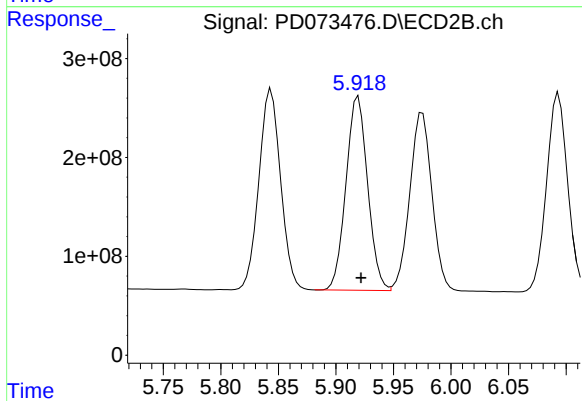
#25 Chlordane-3

R.T.: 5.844 min  
Delta R.T.: -0.002 min  
Response: 2545744340  
Conc: 438.65 ng/ml



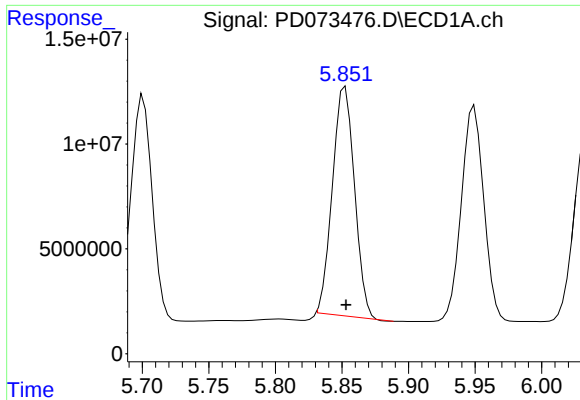
#26 Chlordane-4

R.T.: 4.954 min  
Delta R.T.: -0.002 min  
Response: 153238691  
Conc: 507.02 ng/ml



#26 Chlordane-4

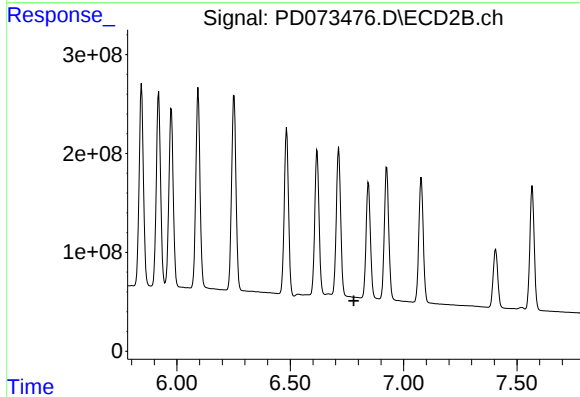
R.T.: 5.919 min  
Delta R.T.: -0.002 min  
Response: 2581855701  
Conc: 354.70 ng/ml



#27 Chlordane-5

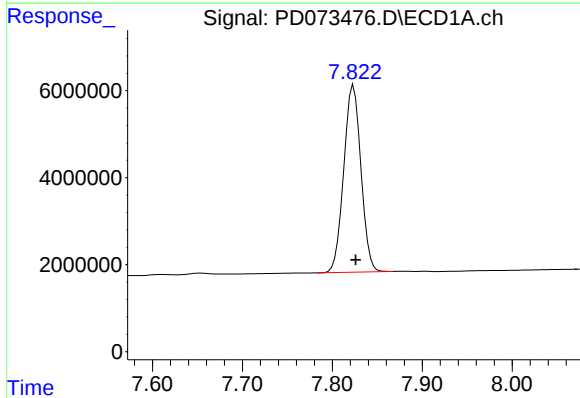
R.T.: 5.852 min  
Delta R.T.: 0.000 min  
Response: 125341797  
Conc: 1389.20 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



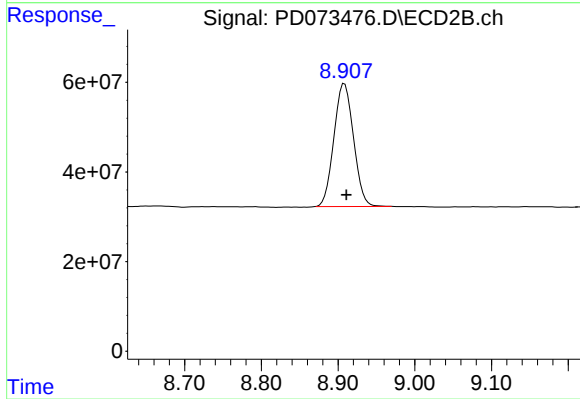
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.780 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.824 min  
Delta R.T.: -0.002 min  
Response: 57044979  
Conc: 23.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.908 min  
Delta R.T.: -0.003 min  
Response: 487765637  
Conc: 27.67 ng/ml