

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100722\  
 Data File : PD072279.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2022 13:28  
 Operator : AR\AJ  
 Sample : PB148181BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 07 23:44:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 05 15:15:26 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... | 2.744 | 3.498  | 46609114 | 688.7E6  | 18.573   | 18.998     |
| 28)                         | SA Decachlor... | 7.919 | 8.985  | 48359267 | 215.7E6  | 18.970   | 21.468     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.249 | 3.961  | 181.0E6  | 2154.3E6 | 45.212   | 42.376     |
| 3)                          | MA gamma-BHC... | 3.580 | 4.295  | 161.8E6  | 1711.0E6 | 44.797   | 41.273     |
| 4)                          | MA Heptachlor   | 3.924 | 4.869  | 162.4E6  | 1191.9E6 | 43.245   | 39.596     |
| 5)                          | MB Aldrin       | 4.205 | 5.210  | 164.7E6  | 1017.9E6 | 46.561   | 42.179     |
| 6)                          | B beta-BHC      | 3.879 | 4.503  | 65851216 | 690.0E6  | 42.499   | 41.403     |
| 7)                          | B delta-BHC     | 4.111 | 4.749  | 162.2E6  | 1241.6E6 | 44.491   | 41.931     |
| 8)                          | B Heptachlo...  | 4.710 | 5.641  | 142.0E6  | 795.4E6  | 44.545   | 41.886     |
| 9)                          | A Endosulfan I  | 5.083 | 6.027  | 130.0E6  | 729.6E6  | 43.766   | 42.991     |
| 10)                         | B gamma-Chl...  | 4.963 | 5.895  | 145.7E6  | 797.4E6  | 44.426   | 43.018     |
| 11)                         | B alpha-Chl...  | 5.027 | 5.972  | 142.4E6  | 774.3E6  | 44.364   | 43.137     |
| 12)                         | B 4,4'-DDE      | 5.220 | 6.147  | 137.0E6  | 771.5E6  | 45.025   | 43.372     |
| 13)                         | MA Dieldrin     | 5.350 | 6.304  | 145.2E6  | 796.4E6  | 46.093   | 45.713     |
| 14)                         | MA Endrin       | 5.626 | 6.535  | 117.8E6  | 619.5E6  | 43.391   | 43.850     |
| 15)                         | B Endosulfa...  | 5.921 | 6.761  | 111.5E6  | 652.1E6  | 43.644   | 48.299     |
| 16)                         | A 4,4'-DDD      | 5.777 | 6.670  | 119.0E6  | 646.2E6  | 45.606   | 46.493     |
| 17)                         | MA 4,4'-DDT     | 6.030 | 6.980  | 112.1E6  | 605.4E6  | 42.768   | 42.911     |
| 18)                         | B Endrin al...  | 6.102 | 6.892  | 104.1E6  | 537.9E6  | 48.867   | 49.600     |
| 19)                         | B Endosulfa...  | 6.326 | 7.125  | 118.4E6  | 581.3E6  | 43.770   | 45.907     |
| 20)                         | A Methoxychlor  | 6.610 | 7.458  | 64830468 | 311.3E6  | 42.006   | 44.848     |
| 21)                         | B Endrin ke...  | 6.834 | 7.614  | 145.9E6  | 666.8E6  | 45.875   | 47.570     |
| 22)                         | Mirex           | 7.017 | 8.073  | 101.6E6  | 446.1E6  | 43.659   | 48.062     |
| 24)                         | Chlordane-2     | 4.343 | 5.210f | 125025   | 1017.9E6 | 1.085    | 1171.853 # |
| 25)                         | Chlordane-3     | 4.963 | 5.895  | 145.7E6  | 797.4E6  | 459.736  | 315.992 #  |
| 26)                         | Chlordane-4     | 5.027 | 5.972  | 142.4E6  | 774.3E6  | 458.179  | 270.853 #  |
| 27)                         | Chlordane-5     | 5.921 | 0.000  | 111.5E6  | 0        | 1076.758 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

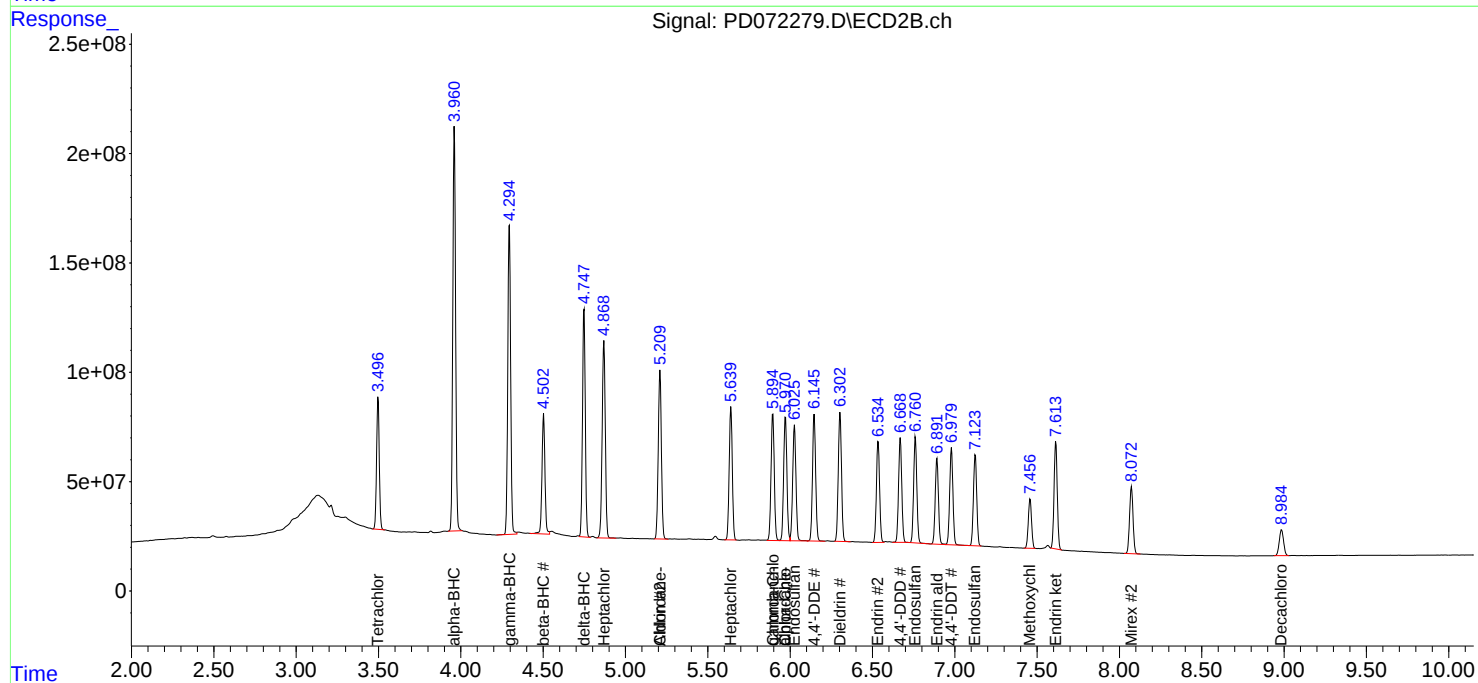
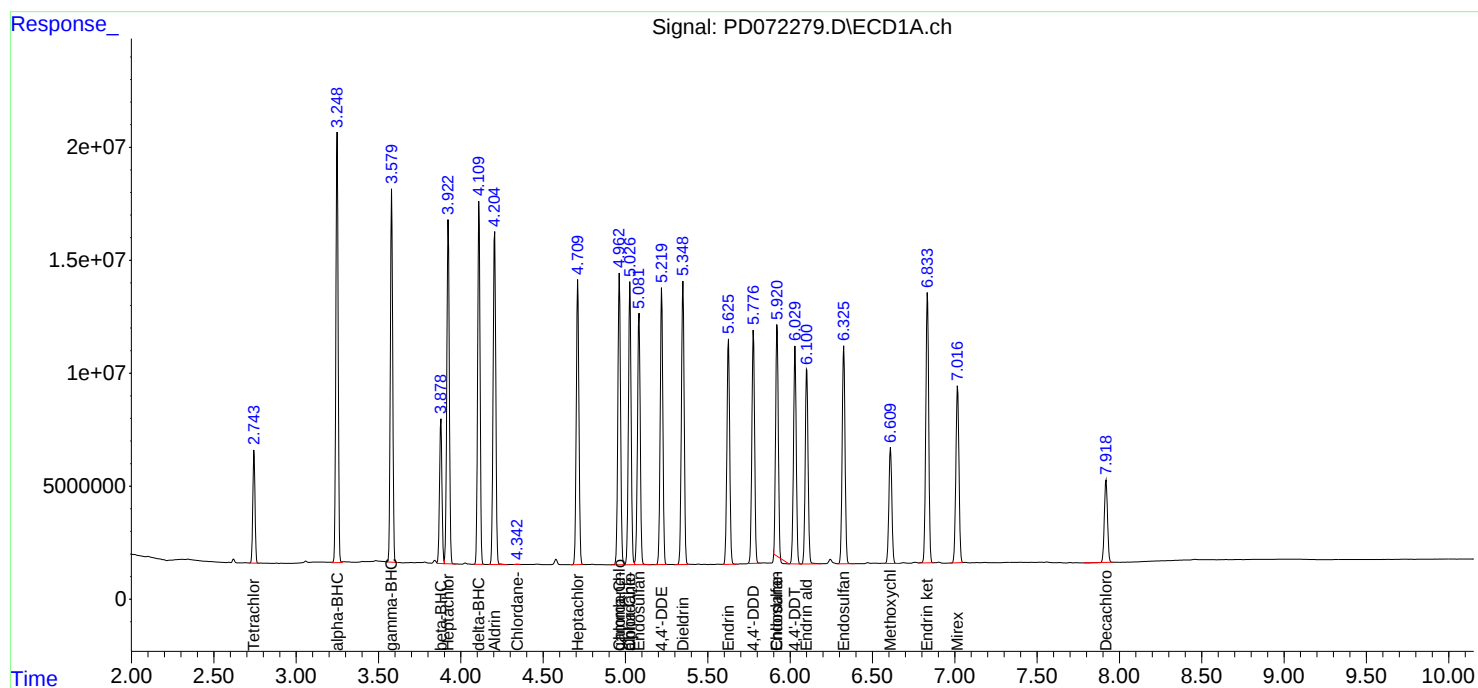
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

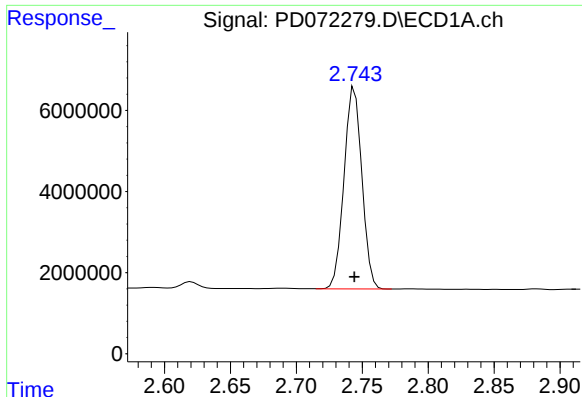
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100722\  
 Data File : PD072279.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Oct 2022 13:28  
 Operator : AR\AJ  
 Sample : PB148181BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 07 23:44:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 05 15:15:26 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

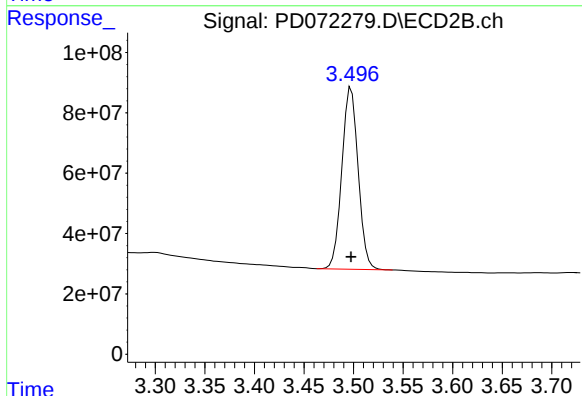




#1 Tetrachloro-m-xylene

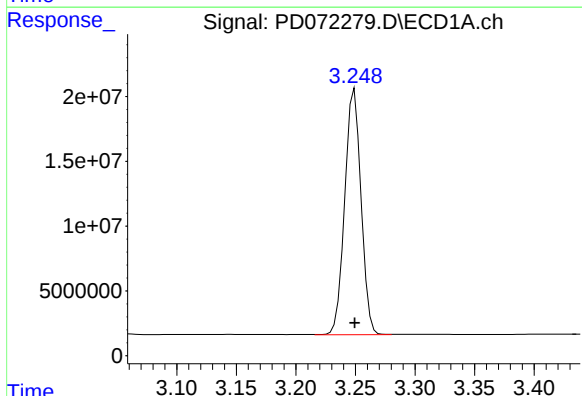
R.T.: 2.744 min  
Delta R.T.: 0.000 min  
Response: 46609114  
Conc: 18.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



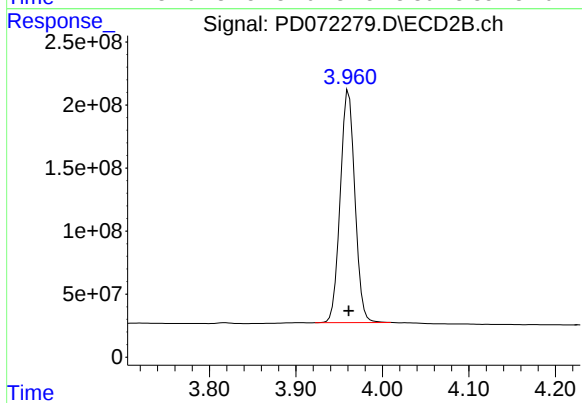
#1 Tetrachloro-m-xylene

R.T.: 3.498 min  
Delta R.T.: 0.000 min  
Response: 688702942  
Conc: 19.00 ng/ml



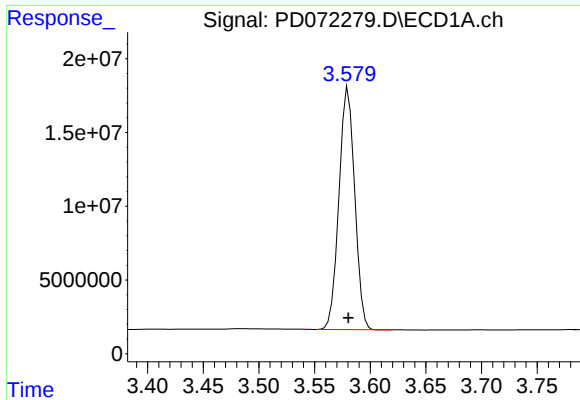
#2 alpha-BHC

R.T.: 3.249 min  
Delta R.T.: 0.000 min  
Response: 180969605  
Conc: 45.21 ng/ml



#2 alpha-BHC

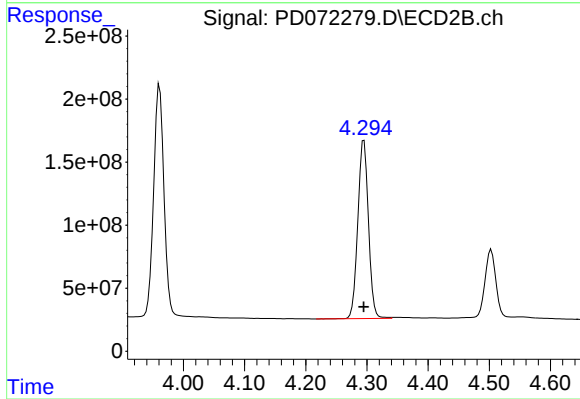
R.T.: 3.961 min  
Delta R.T.: 0.000 min  
Response: 2154252240  
Conc: 42.38 ng/ml



#3 gamma-BHC (Lindane)

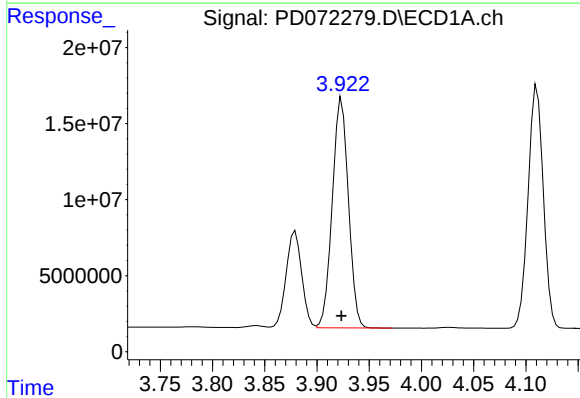
R.T.: 3.580 min  
Delta R.T.: 0.000 min  
Response: 161830043  
Conc: 44.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



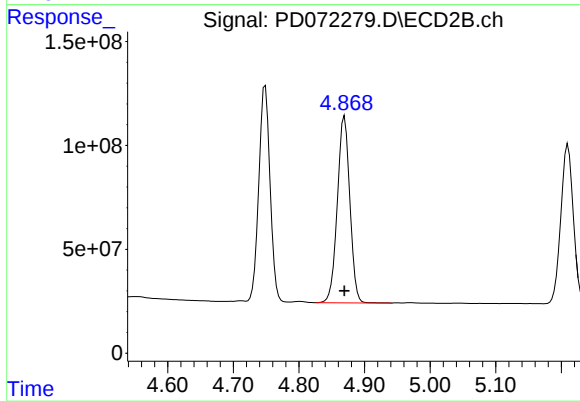
#3 gamma-BHC (Lindane)

R.T.: 4.295 min  
Delta R.T.: 0.000 min  
Response: 1710968285  
Conc: 41.27 ng/ml



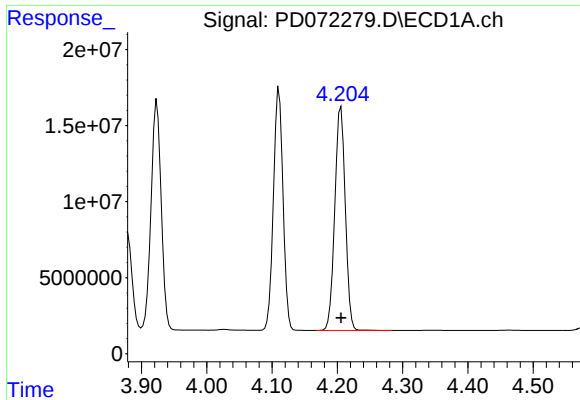
#4 Heptachlor

R.T.: 3.924 min  
Delta R.T.: 0.000 min  
Response: 162441872  
Conc: 43.25 ng/ml



#4 Heptachlor

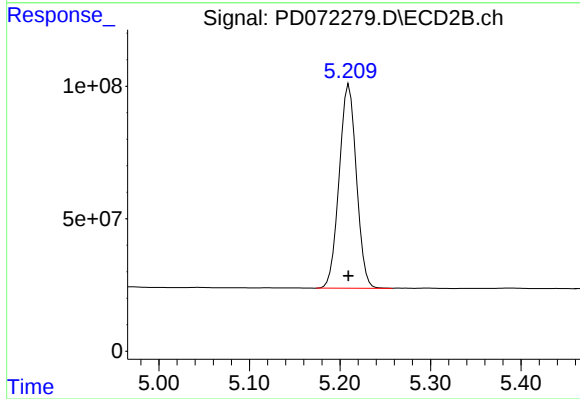
R.T.: 4.869 min  
Delta R.T.: 0.000 min  
Response: 1191935543  
Conc: 39.60 ng/ml



#5 Aldrin

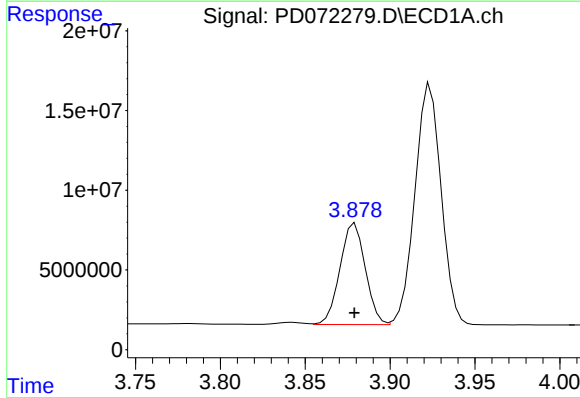
R.T.: 4.205 min  
Delta R.T.: 0.000 min  
Response: 164650750  
Conc: 46.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



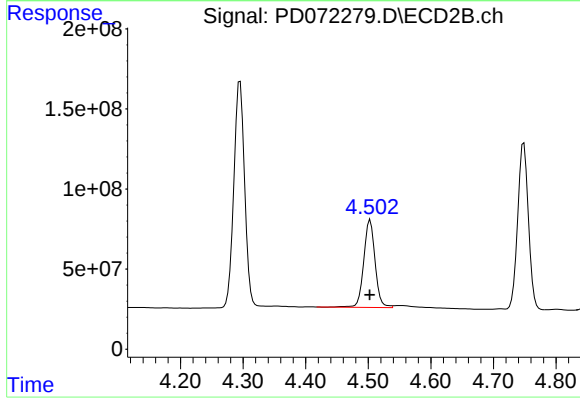
#5 Aldrin

R.T.: 5.210 min  
Delta R.T.: 0.000 min  
Response: 1017934837  
Conc: 42.18 ng/ml



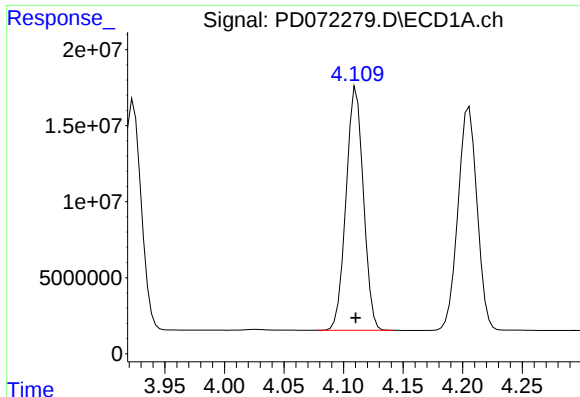
#6 beta-BHC

R.T.: 3.879 min  
Delta R.T.: 0.000 min  
Response: 65851216  
Conc: 42.50 ng/ml



#6 beta-BHC

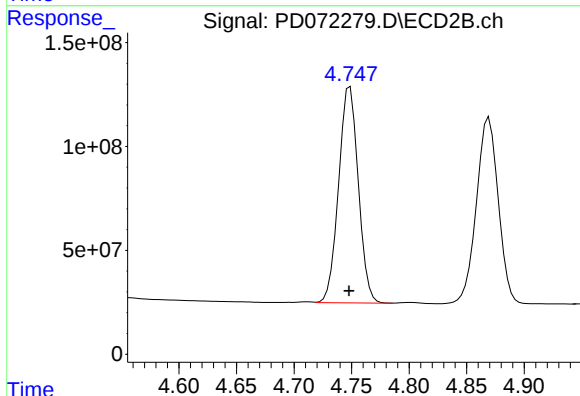
R.T.: 4.503 min  
Delta R.T.: 0.000 min  
Response: 689981678  
Conc: 41.40 ng/ml



#7 delta-BHC

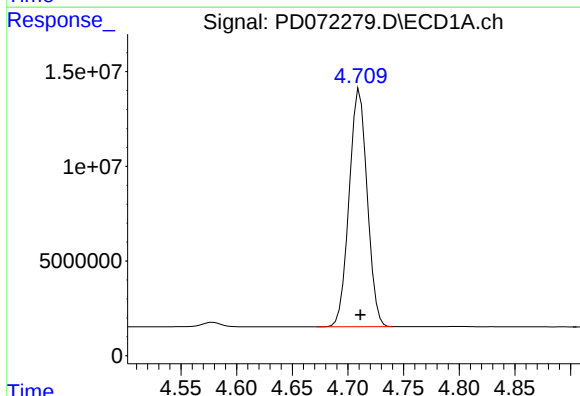
R.T.: 4.111 min  
Delta R.T.: 0.000 min  
Response: 162169933  
Conc: 44.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



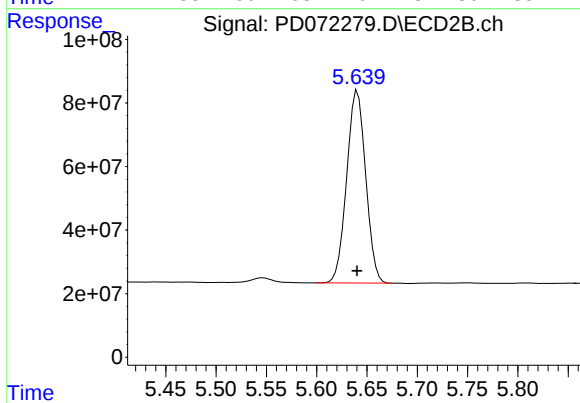
#7 delta-BHC

R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 1241588337  
Conc: 41.93 ng/ml



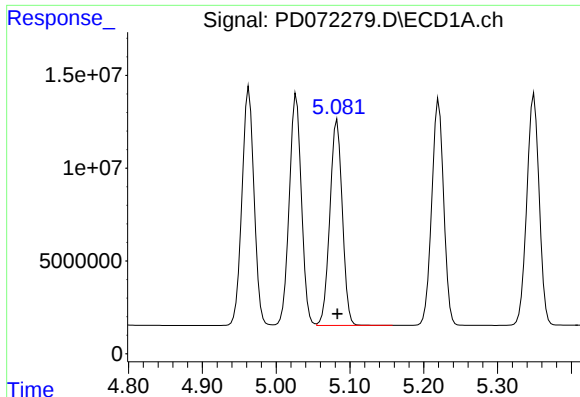
#8 Heptachlor epoxide

R.T.: 4.710 min  
Delta R.T.: 0.000 min  
Response: 141995310  
Conc: 44.54 ng/ml



#8 Heptachlor epoxide

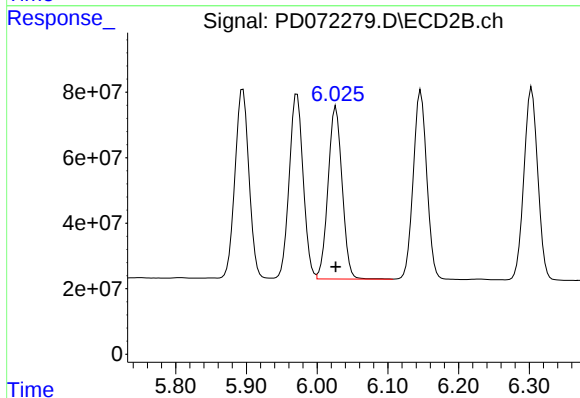
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 795363492  
Conc: 41.89 ng/ml



#9 Endosulfan I

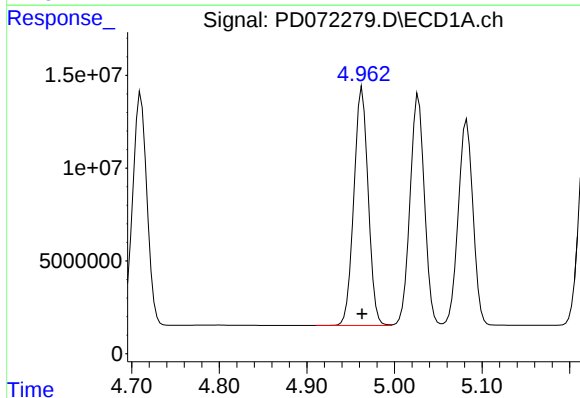
R.T.: 5.083 min  
Delta R.T.: 0.000 min  
Response: 129977365  
Conc: 43.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



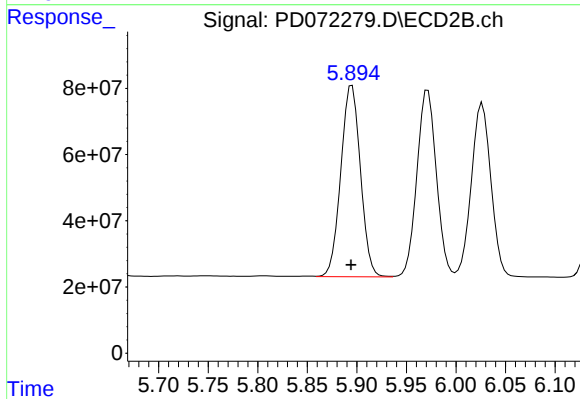
#9 Endosulfan I

R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 729646277  
Conc: 42.99 ng/ml



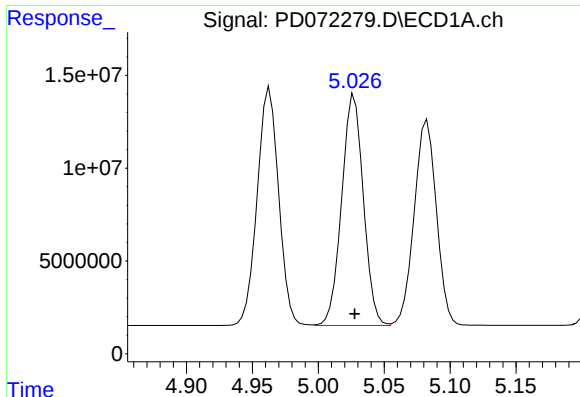
#10 gamma-Chlordane

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 145695564  
Conc: 44.43 ng/ml



#10 gamma-Chlordane

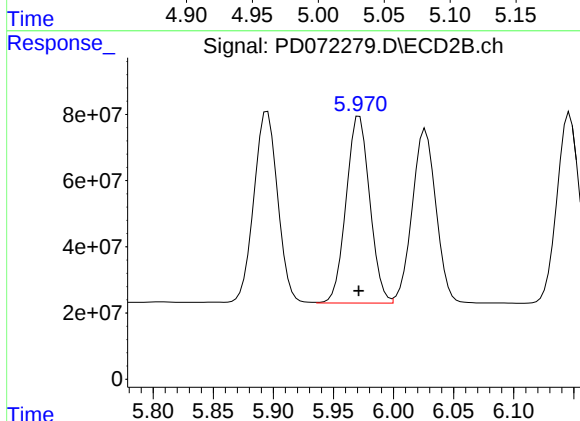
R.T.: 5.895 min  
Delta R.T.: 0.001 min  
Response: 797400190  
Conc: 43.02 ng/ml



#11 alpha-Chlordane

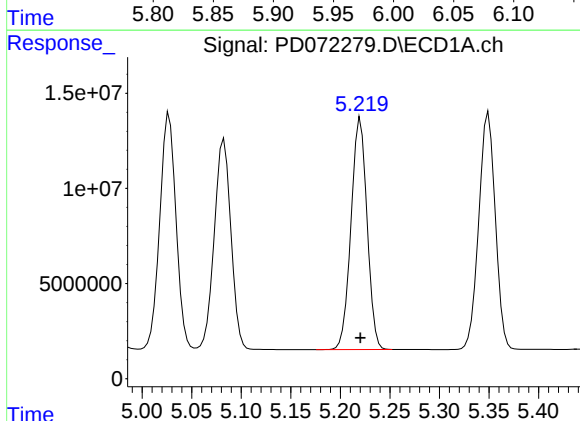
R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 142388482  
Conc: 44.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



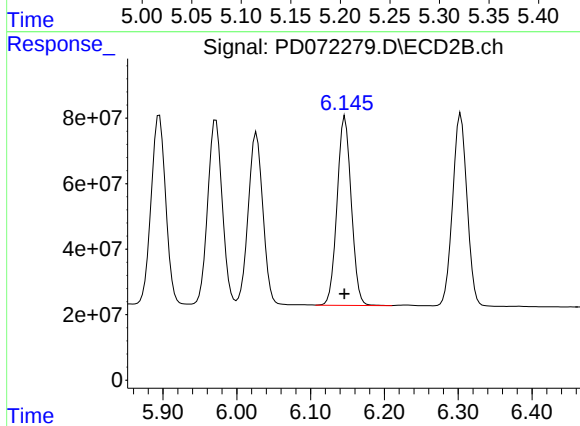
#11 alpha-Chlordane

R.T.: 5.972 min  
Delta R.T.: 0.000 min  
Response: 774287276  
Conc: 43.14 ng/ml



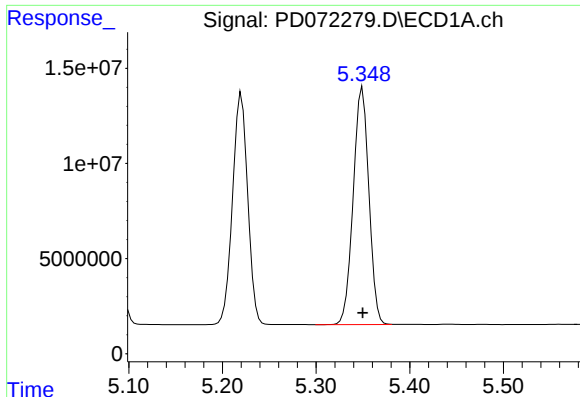
#12 4,4'-DDE

R.T.: 5.220 min  
Delta R.T.: 0.000 min  
Response: 137026625  
Conc: 45.02 ng/ml



#12 4,4'-DDE

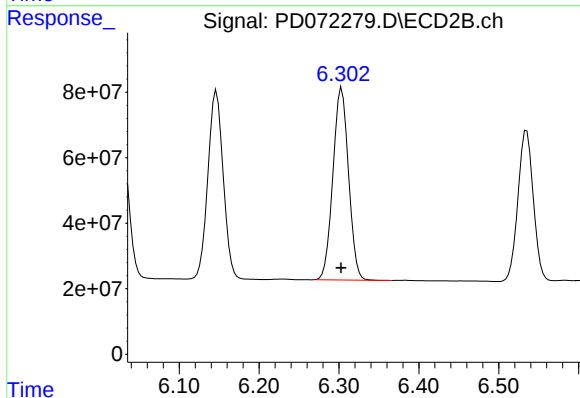
R.T.: 6.147 min  
Delta R.T.: 0.000 min  
Response: 771497354  
Conc: 43.37 ng/ml



#13 Dieldrin

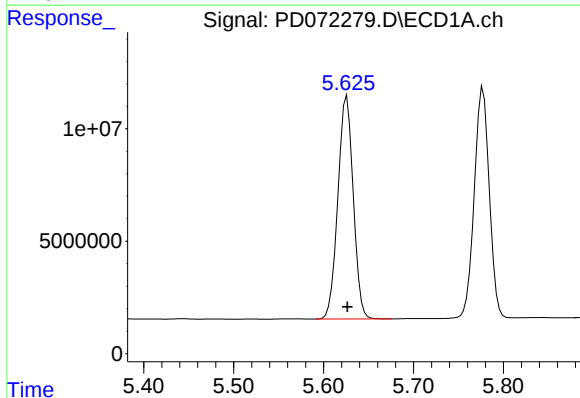
R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 145213506  
Conc: 46.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



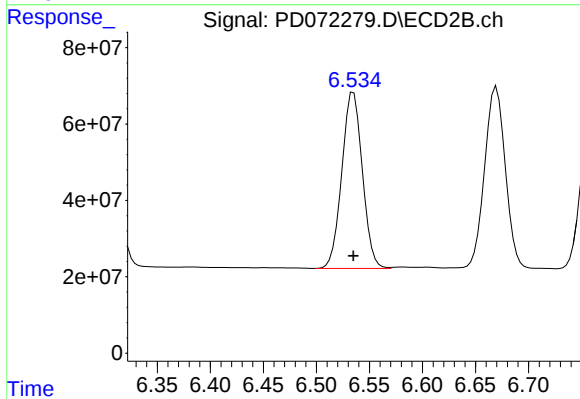
#13 Dieldrin

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 796433250  
Conc: 45.71 ng/ml



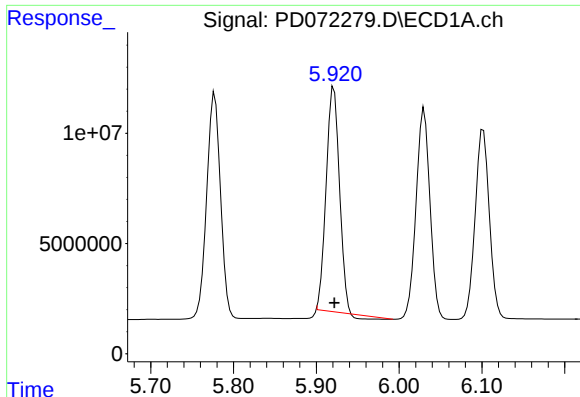
#14 Endrin

R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 117751049  
Conc: 43.39 ng/ml



#14 Endrin

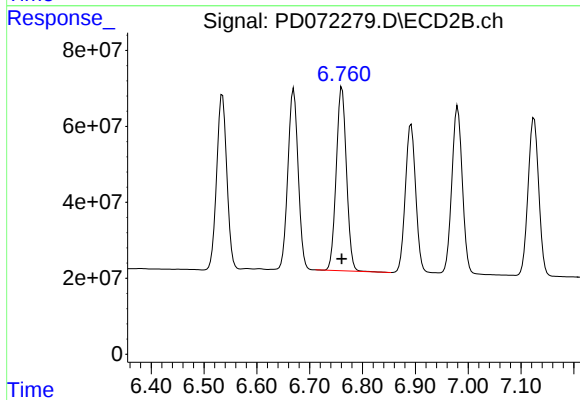
R.T.: 6.535 min  
Delta R.T.: 0.000 min  
Response: 619481055  
Conc: 43.85 ng/ml



#15 Endosulfan II

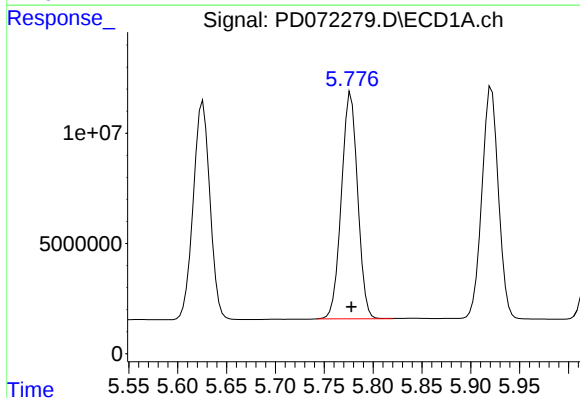
R.T.: 5.921 min  
Delta R.T.: 0.000 min  
Response: 111489314  
Conc: 43.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



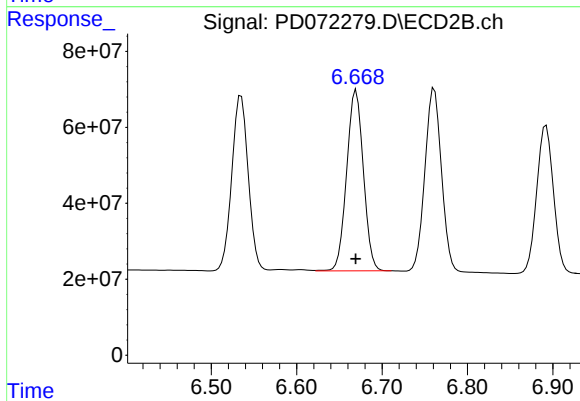
#15 Endosulfan II

R.T.: 6.761 min  
Delta R.T.: 0.000 min  
Response: 652129097  
Conc: 48.30 ng/ml



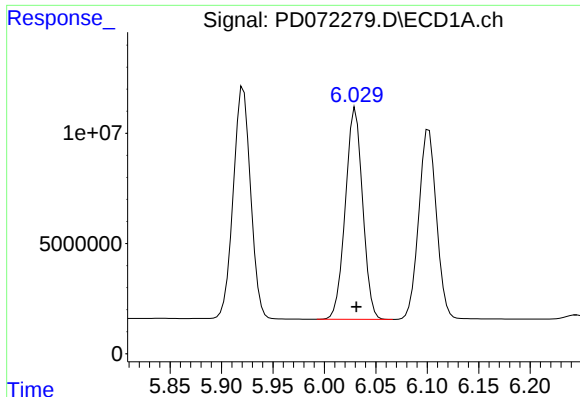
#16 4,4'-DDD

R.T.: 5.777 min  
Delta R.T.: 0.000 min  
Response: 119047124  
Conc: 45.61 ng/ml



#16 4,4'-DDD

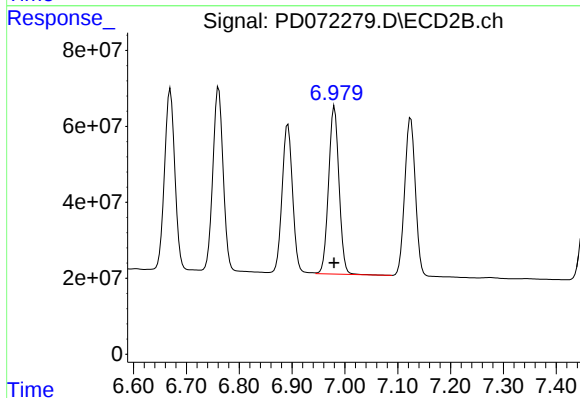
R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 646247055  
Conc: 46.49 ng/ml



#17 4,4'-DDT

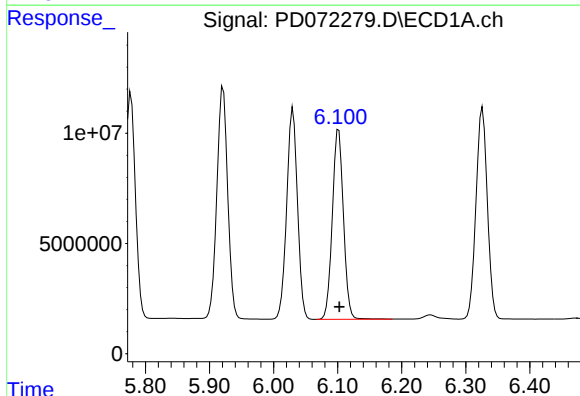
R.T.: 6.030 min  
Delta R.T.: 0.000 min  
Response: 112102695  
Conc: 42.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



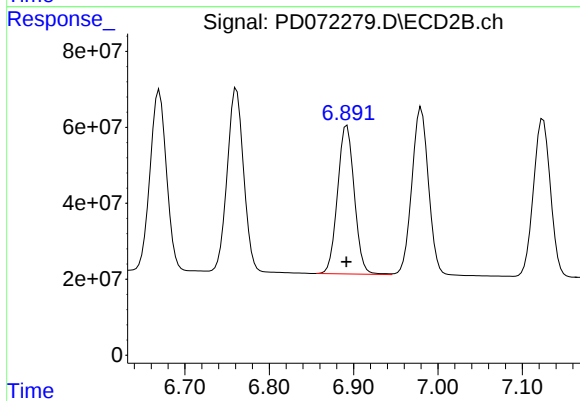
#17 4,4'-DDT

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 605386879  
Conc: 42.91 ng/ml



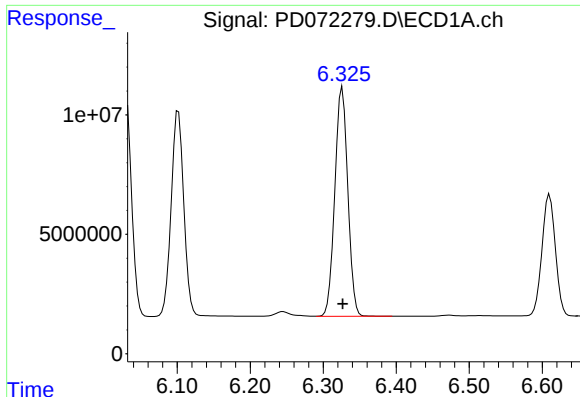
#18 Endrin aldehyde

R.T.: 6.102 min  
Delta R.T.: -0.001 min  
Response: 104071907  
Conc: 48.87 ng/ml



#18 Endrin aldehyde

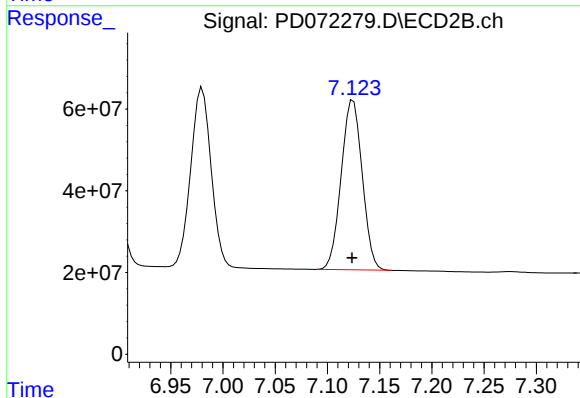
R.T.: 6.892 min  
Delta R.T.: 0.000 min  
Response: 537919725  
Conc: 49.60 ng/ml



#19 Endosulfan Sulfate

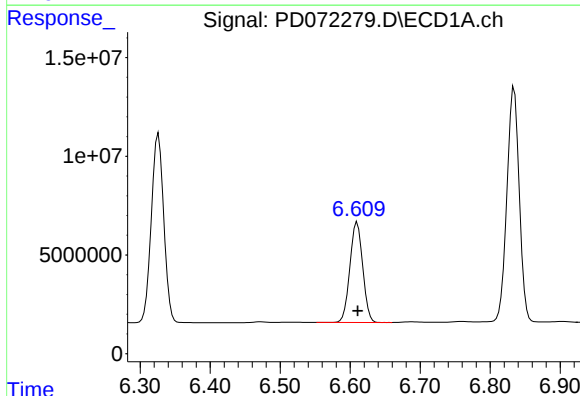
R.T.: 6.326 min  
Delta R.T.: 0.000 min  
Response: 118362143  
Conc: 43.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



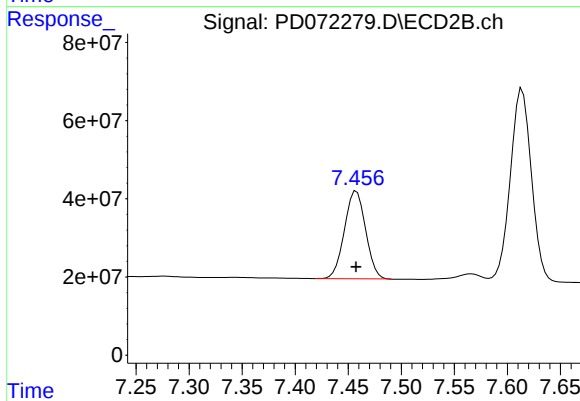
#19 Endosulfan Sulfate

R.T.: 7.125 min  
Delta R.T.: 0.001 min  
Response: 581288600  
Conc: 45.91 ng/ml



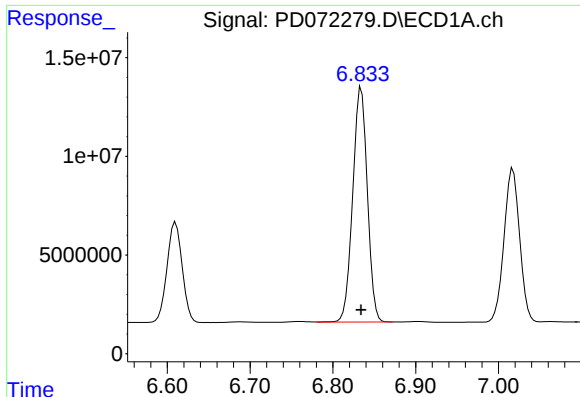
#20 Methoxychlor

R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 64830468  
Conc: 42.01 ng/ml



#20 Methoxychlor

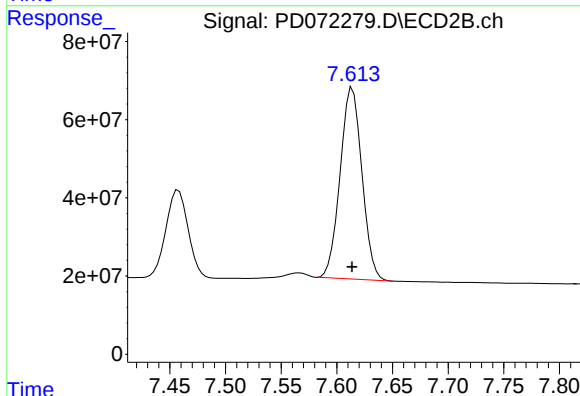
R.T.: 7.458 min  
Delta R.T.: 0.000 min  
Response: 311255788  
Conc: 44.85 ng/ml



#21 Endrin ketone

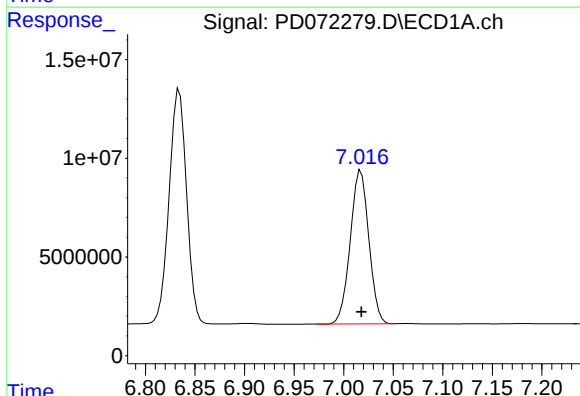
R.T.: 6.834 min  
Delta R.T.: 0.000 min  
Response: 145917999  
Conc: 45.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



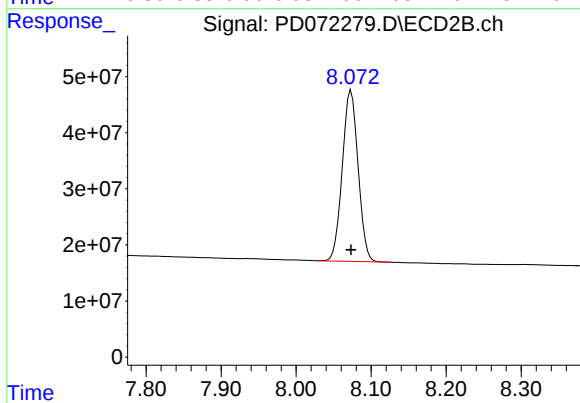
#21 Endrin ketone

R.T.: 7.614 min  
Delta R.T.: 0.000 min  
Response: 666815658  
Conc: 47.57 ng/ml



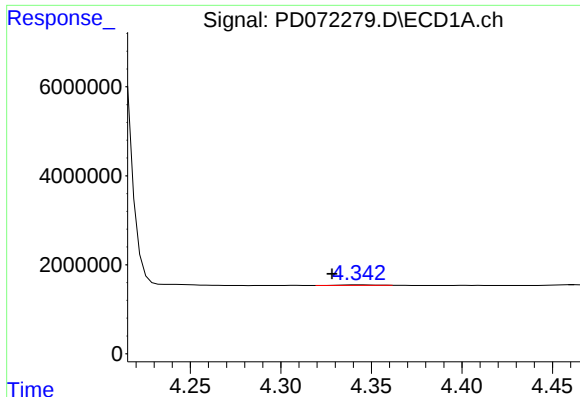
#22 Mirex

R.T.: 7.017 min  
Delta R.T.: 0.000 min  
Response: 101598056  
Conc: 43.66 ng/ml



#22 Mirex

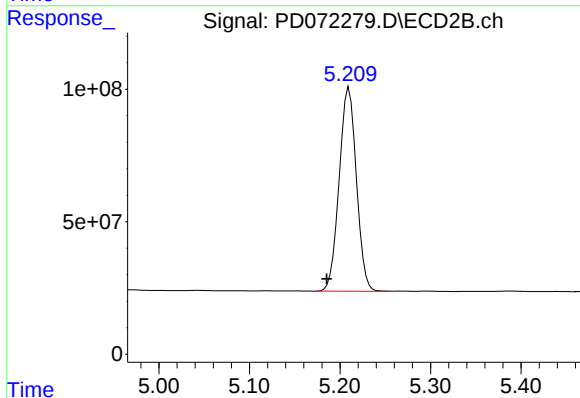
R.T.: 8.073 min  
Delta R.T.: 0.000 min  
Response: 446115635  
Conc: 48.06 ng/ml



#24 Chlordane-2

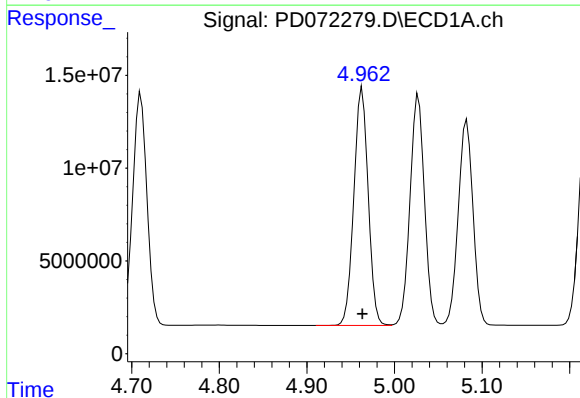
R.T.: 4.343 min  
Delta R.T.: 0.015 min  
Response: 125025  
Conc: 1.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



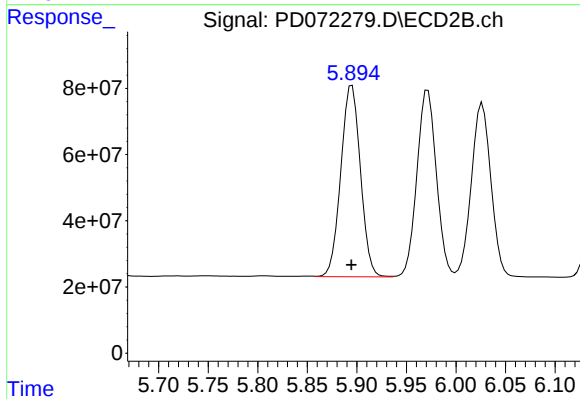
#24 Chlordane-2

R.T.: 5.210 min  
Delta R.T.: 0.025 min  
Response: 1017934837  
Conc: 1171.85 ng/ml



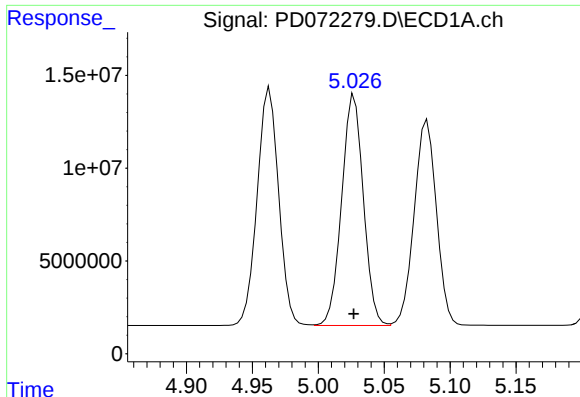
#25 Chlordane-3

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 145695564  
Conc: 459.74 ng/ml



#25 Chlordane-3

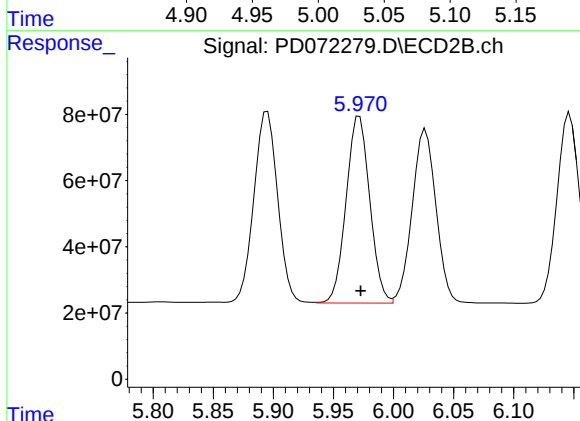
R.T.: 5.895 min  
Delta R.T.: 0.000 min  
Response: 797400190  
Conc: 315.99 ng/ml



#26 Chlordane-4

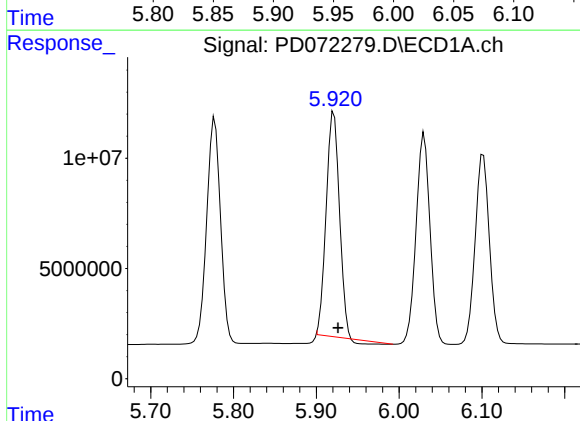
R.T.: 5.027 min  
Delta R.T.: 0.000 min  
Response: 142388482  
Conc: 458.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



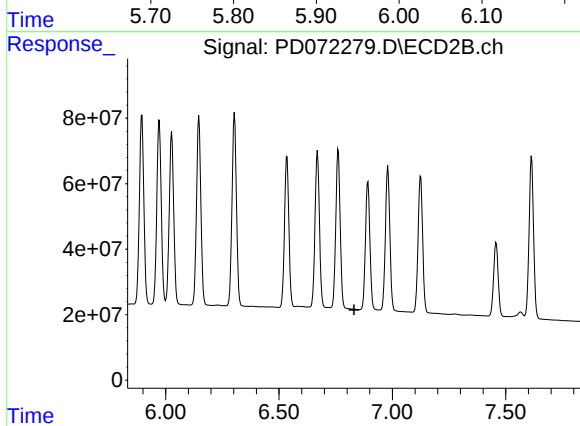
#26 Chlordane-4

R.T.: 5.972 min  
Delta R.T.: 0.000 min  
Response: 774287276  
Conc: 270.85 ng/ml



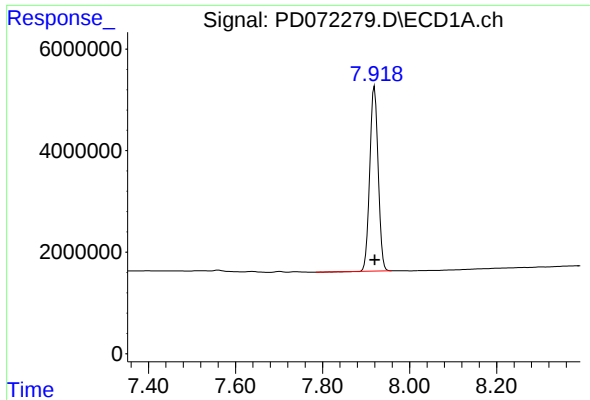
#27 Chlordane-5

R.T.: 5.921 min  
Delta R.T.: -0.005 min  
Response: 111489314  
Conc: 1076.76 ng/ml



#27 Chlordane-5

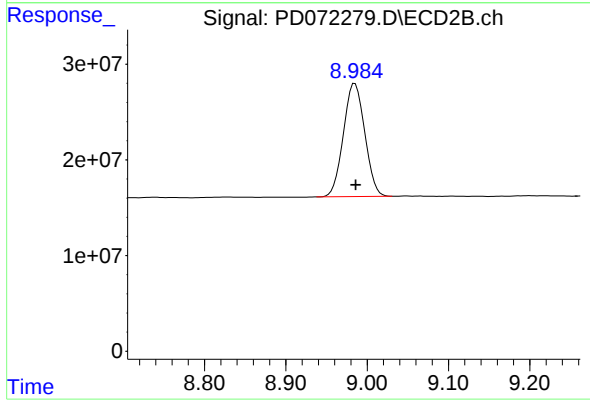
R.T.: 0.000 min  
Exp R.T.: 6.831 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: 0.000 min  
Response: 48359267  
Conc: 18.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.000 min  
Response: 215688796  
Conc: 21.47 ng/ml