

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
 Data File : PD075845.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jun 2023 13:29  
 Operator : AR\AJ  
 Sample : 03235-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 16 21:49:11 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 16 10:43:19 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.547  | 2.768 | 55279701 | 24719446 | 25.951   | 22.784     |
| 28)                         | SA Decachlor... | 9.092  | 7.915 | 54249322 | 21973946 | 21.414   | 22.473     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 4.004  | 3.270 | 203.1E6  | 82874593 | 55.006   | 51.805     |
| 3)                          | MA gamma-BHC... | 4.337  | 3.600 | 186.3E6  | 77562867 | 55.357   | 52.641     |
| 4)                          | MA Heptachlor   | 4.929  | 3.940 | 197.7E6  | 79580773 | 55.127   | 52.395     |
| 5)                          | MB Aldrin       | 5.272  | 4.221 | 193.1E6  | 78293553 | 55.106   | 52.504     |
| 6)                          | B beta-BHC      | 4.533  | 3.897 | 77960277 | 33605894 | 54.225   | 52.723     |
| 7)                          | B delta-BHC     | 4.782  | 4.127 | 132.6E6  | 54995442 | 39.910   | 37.955     |
| 8)                          | B Heptachlo...  | 5.699  | 4.723 | 172.7E6  | 70851353 | 53.600   | 51.579     |
| 9)                          | A Endosulfan I  | 6.087  | 5.094 | 160.5E6  | 66127246 | 53.515   | 51.734     |
| 10)                         | B gamma-Chl...  | 5.956  | 4.974 | 174.7E6  | 71846352 | 54.243   | 52.362     |
| 11)                         | B alpha-Chl...  | 6.036  | 5.038 | 172.4E6  | 71016738 | 53.340   | 51.770     |
| 12)                         | B 4,4'-DDE      | 6.208  | 5.227 | 161.0E6  | 64592243 | 56.316   | 57.870     |
| 13)                         | MA Dieldrin     | 6.362  | 5.359 | 168.8E6  | 70262050 | 54.025   | 52.078     |
| 14)                         | MA Endrin       | 6.593  | 5.635 | 142.9E6  | 63399382 | 53.426   | 52.095     |
| 15)                         | B Endosulfa...  | 6.812  | 5.929 | 133.8E6  | 57301397 | 51.793   | 53.113     |
| 16)                         | A 4,4'-DDD      | 6.726  | 5.782 | 129.2E6  | 52788878 | 56.776   | 59.901     |
| 17)                         | MA 4,4'-DDT     | 7.041  | 6.034 | 125.1E6  | 49470810 | 55.145   | 60.903     |
| 18)                         | B Endrin al...  | 6.942  | 6.108 | 91759220 | 45317481 | 45.729   | 52.360     |
| 19)                         | B Endosulfa...  | 7.178  | 6.332 | 126.9E6  | 55134133 | 50.378   | 51.021     |
| 20)                         | A Methoxychlor  | 7.517  | 6.610 | 67483750 | 27795808 | 52.135   | 60.054     |
| 21)                         | B Endrin ke...  | 7.664  | 6.838 | 149.3E6  | 65332051 | 53.605   | 53.773     |
| 22)                         | Mirex           | 8.140  | 7.021 | 109.0E6  | 51986076 | 50.852   | 49.595     |
| 24)                         | Chlordane-2     | 5.272f | 0.000 | 193.1E6  | 0        | 1467.255 | N.D. #     |
| 25)                         | Chlordane-3     | 5.956  | 4.974 | 174.7E6  | 71846352 | 336.476  | 483.947 #  |
| 26)                         | Chlordane-4     | 6.036  | 5.038 | 172.4E6  | 71016738 | 273.623  | 483.903 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.929 | 0        | 57301397 | N.D.     | 1184.710 # |
| -----                       |                 |        |       |          |          |          |            |

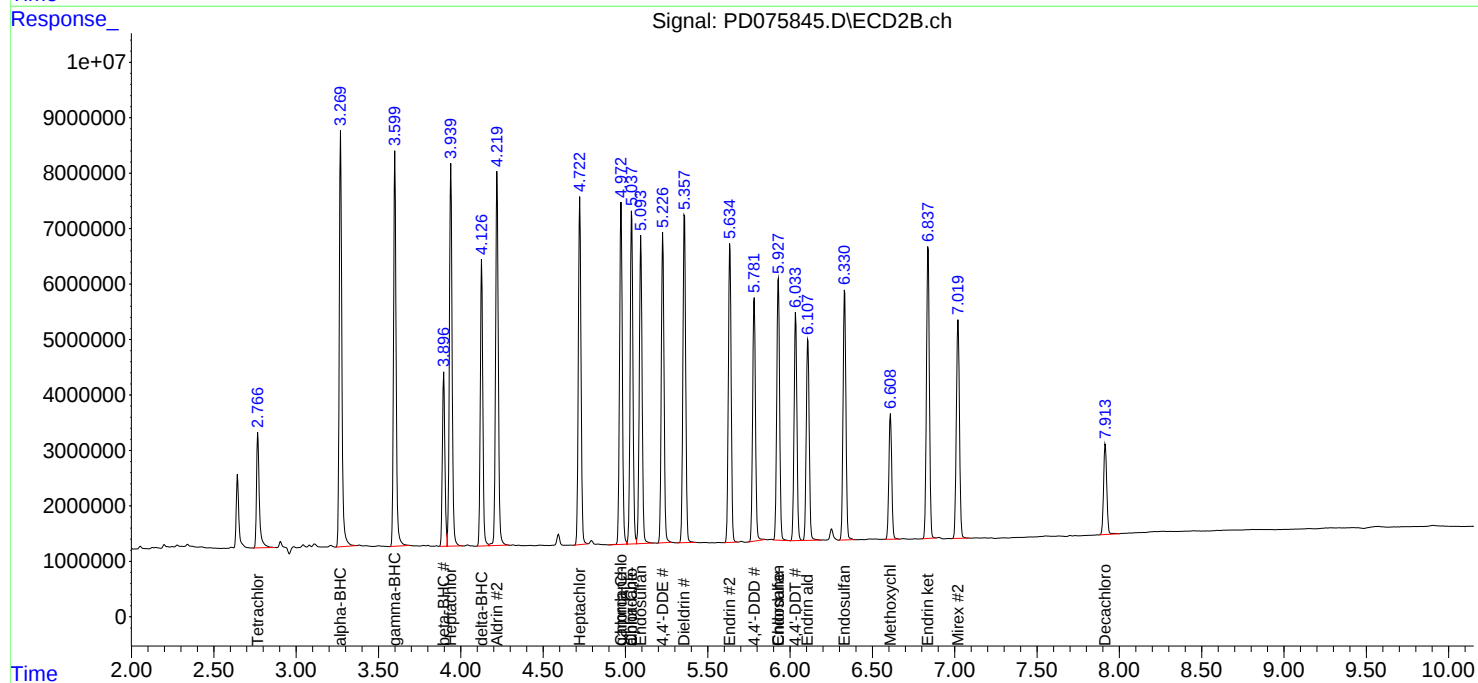
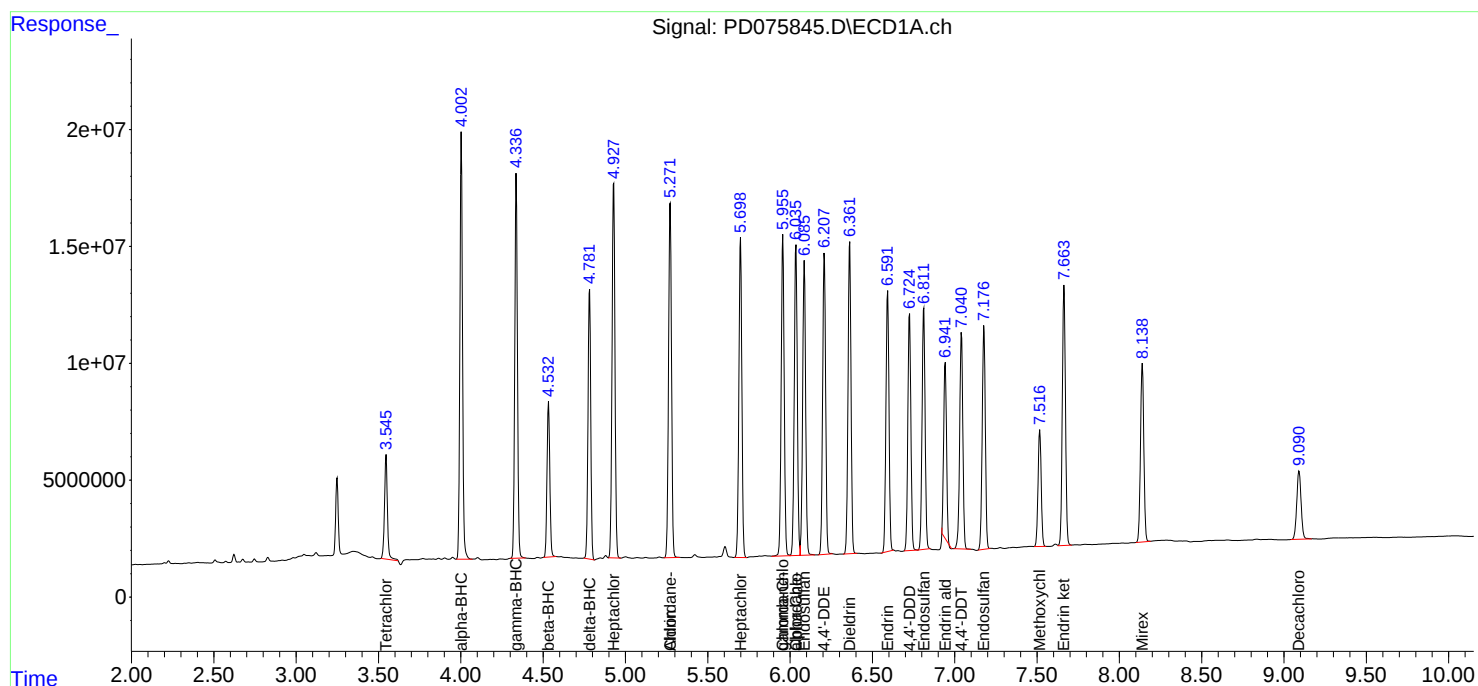
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

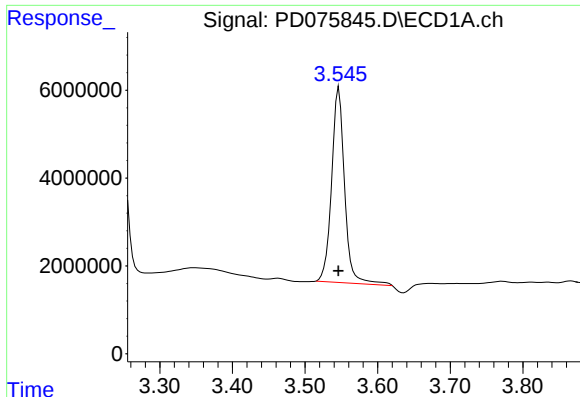
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061723\  
Data File : PD075845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jun 2023 13:29  
Operator : AR\AJ  
Sample : 03235-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 16 21:49:11 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061523.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 16 10:43:19 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

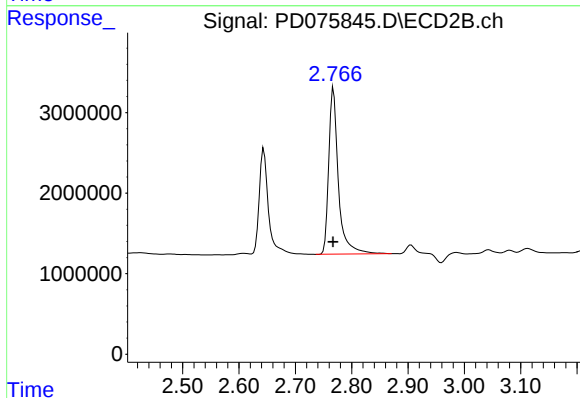




#1 Tetrachloro-m-xylene

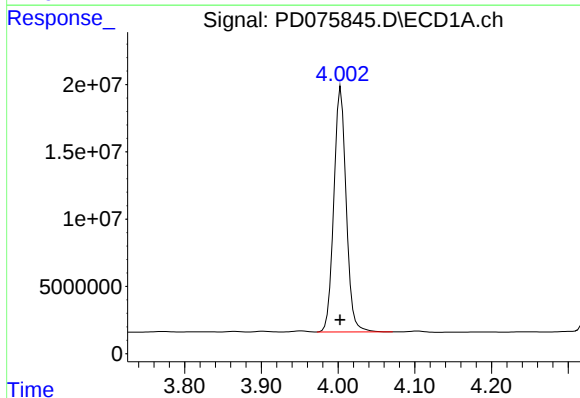
R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 55279701  
Conc: 25.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



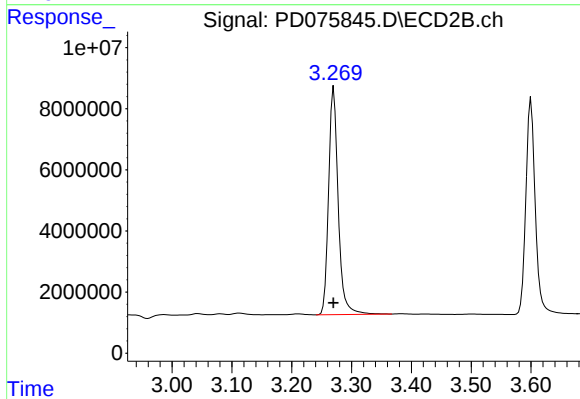
#1 Tetrachloro-m-xylene

R.T.: 2.768 min  
Delta R.T.: 0.000 min  
Response: 24719446  
Conc: 22.78 ng/ml



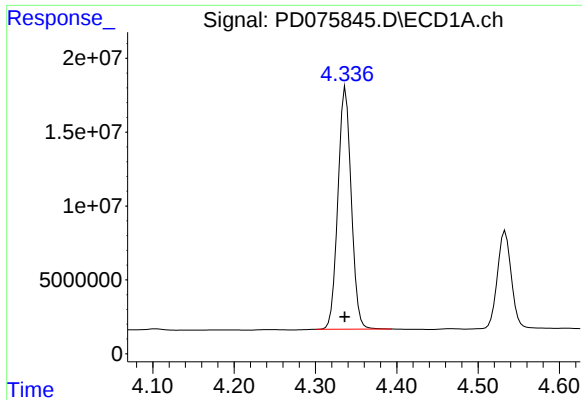
#2 alpha-BHC

R.T.: 4.004 min  
Delta R.T.: 0.000 min  
Response: 203089614  
Conc: 55.01 ng/ml



#2 alpha-BHC

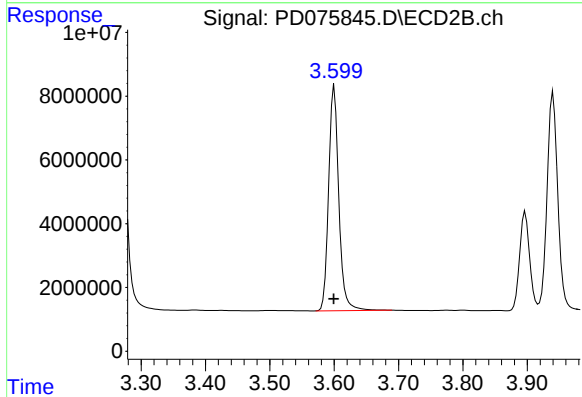
R.T.: 3.270 min  
Delta R.T.: 0.000 min  
Response: 82874593  
Conc: 51.80 ng/ml



#3 gamma-BHC (Lindane)

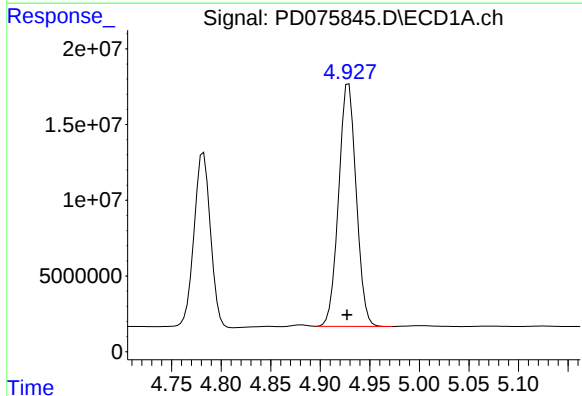
R.T.: 4.337 min  
Delta R.T.: 0.001 min  
Response: 186270042  
Conc: 55.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



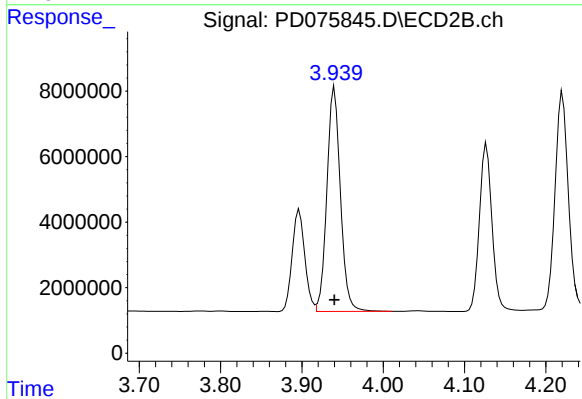
#3 gamma-BHC (Lindane)

R.T.: 3.600 min  
Delta R.T.: 0.000 min  
Response: 77562867  
Conc: 52.64 ng/ml



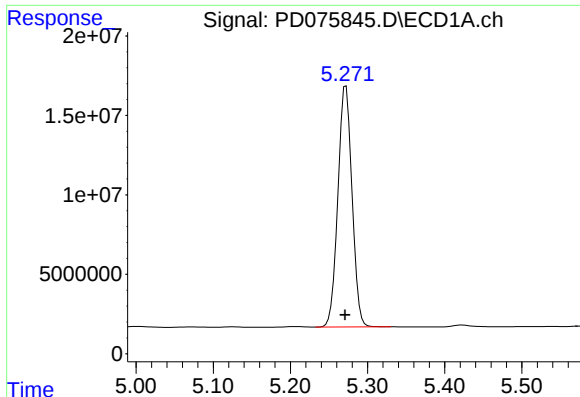
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.002 min  
Response: 197719064  
Conc: 55.13 ng/ml



#4 Heptachlor

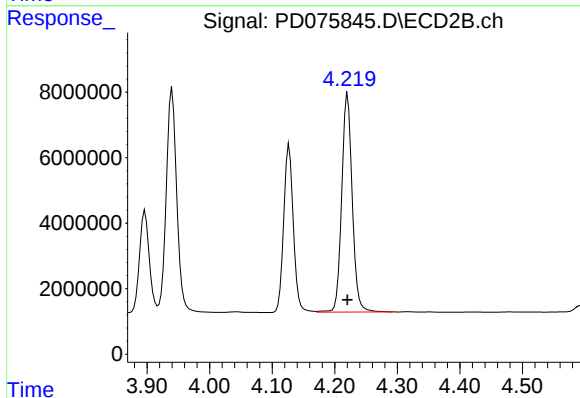
R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 79580773  
Conc: 52.40 ng/ml



#5 Aldrin

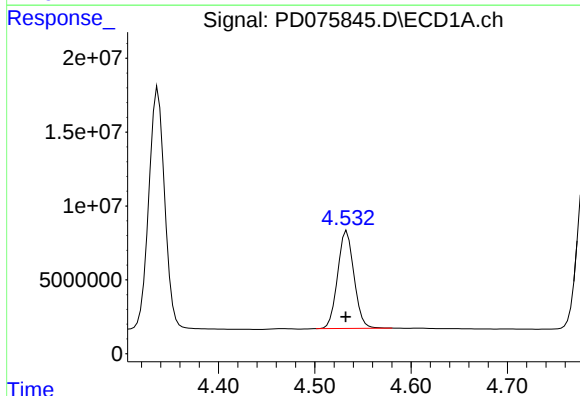
R.T.: 5.272 min  
Delta R.T.: 0.001 min  
Response: 193102981  
Conc: 55.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



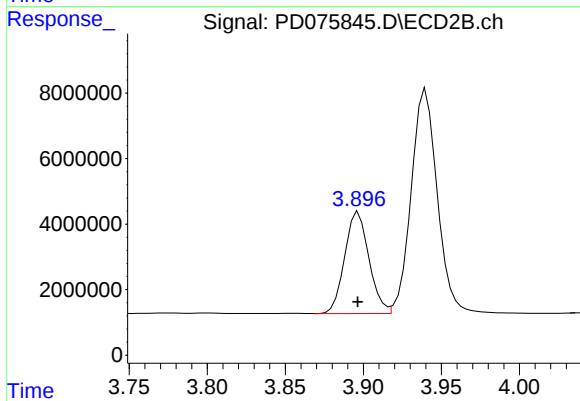
#5 Aldrin

R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 78293553  
Conc: 52.50 ng/ml



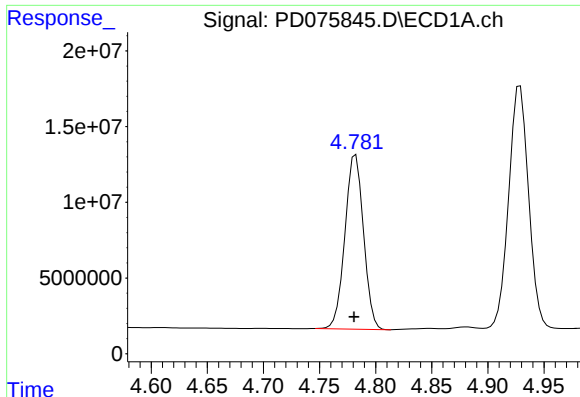
#6 beta-BHC

R.T.: 4.533 min  
Delta R.T.: 0.001 min  
Response: 77960277  
Conc: 54.22 ng/ml



#6 beta-BHC

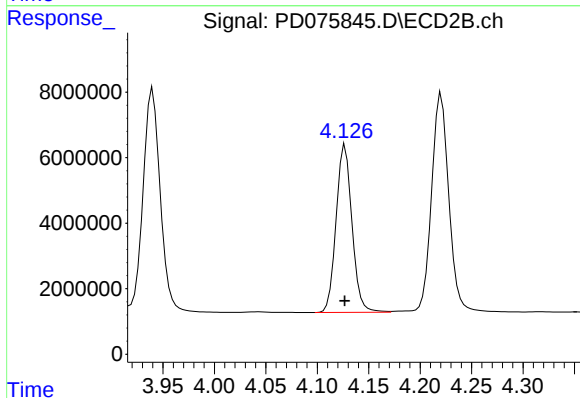
R.T.: 3.897 min  
Delta R.T.: 0.000 min  
Response: 33605894  
Conc: 52.72 ng/ml



#7 delta-BHC

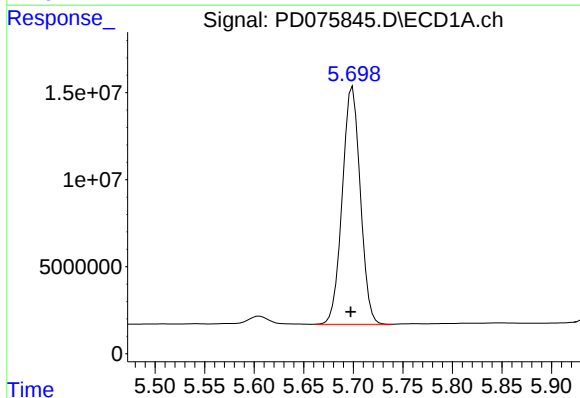
R.T.: 4.782 min  
Delta R.T.: 0.001 min  
Response: 132647988  
Conc: 39.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



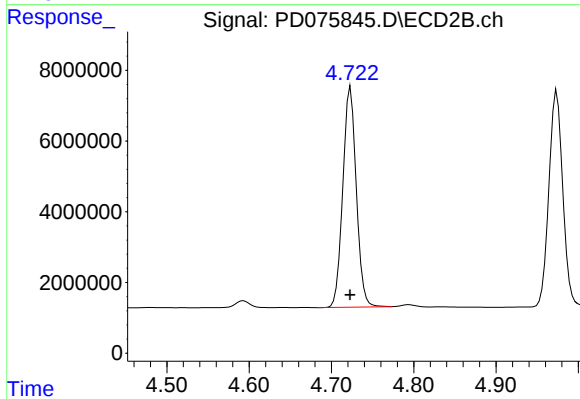
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: 0.000 min  
Response: 54995442  
Conc: 37.95 ng/ml



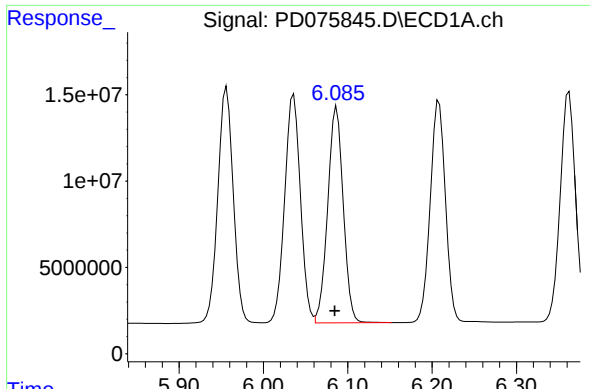
#8 Heptachlor epoxide

R.T.: 5.699 min  
Delta R.T.: 0.002 min  
Response: 172714232  
Conc: 53.60 ng/ml



#8 Heptachlor epoxide

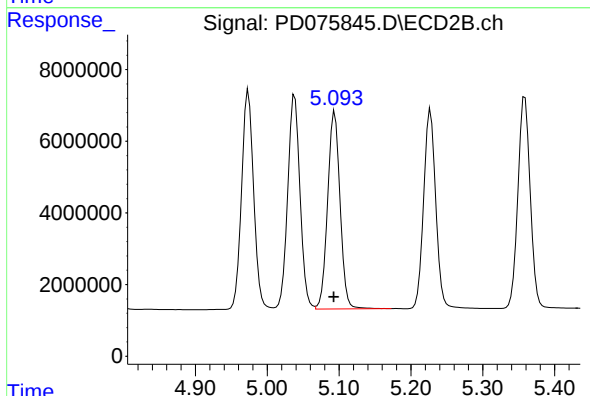
R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 70851353  
Conc: 51.58 ng/ml



#9 Endosulfan I

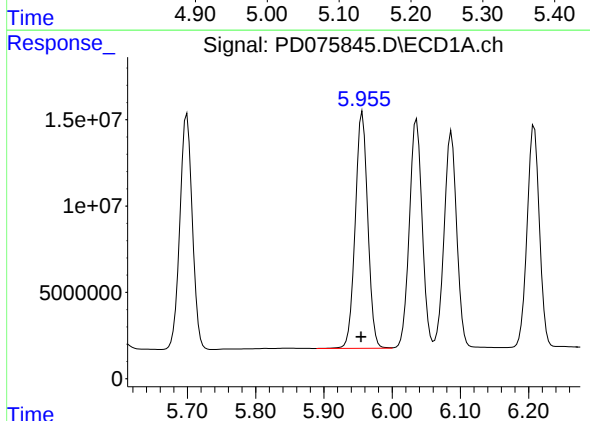
R.T.: 6.087 min  
Delta R.T.: 0.002 min  
Response: 160518867  
Conc: 53.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



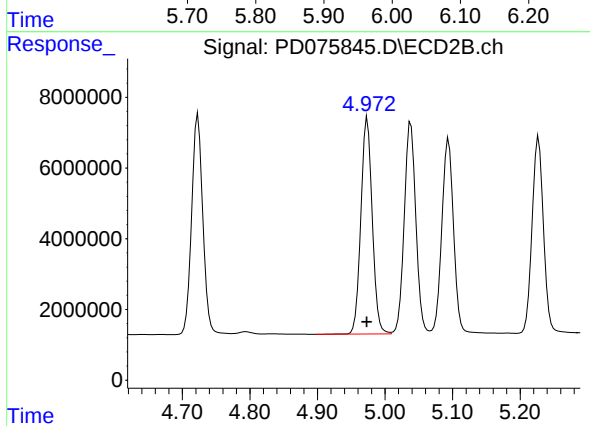
#9 Endosulfan I

R.T.: 5.094 min  
Delta R.T.: 0.001 min  
Response: 66127246  
Conc: 51.73 ng/ml



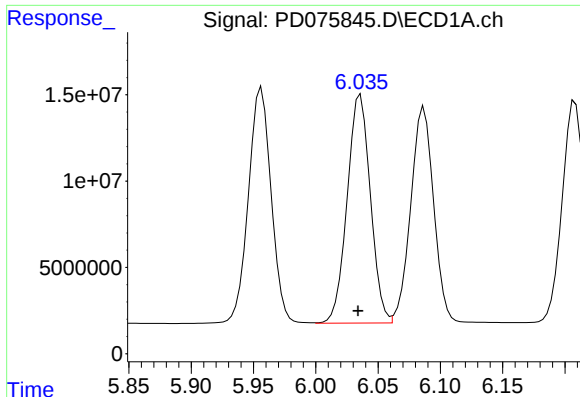
#10 gamma-Chlordane

R.T.: 5.956 min  
Delta R.T.: 0.002 min  
Response: 174735619  
Conc: 54.24 ng/ml



#10 gamma-Chlordane

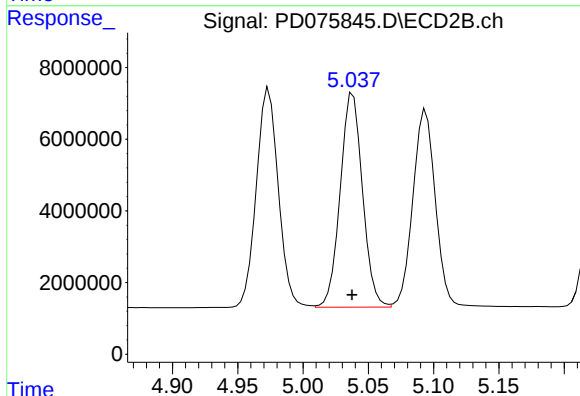
R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 71846352  
Conc: 52.36 ng/ml



#11 alpha-Chlordane

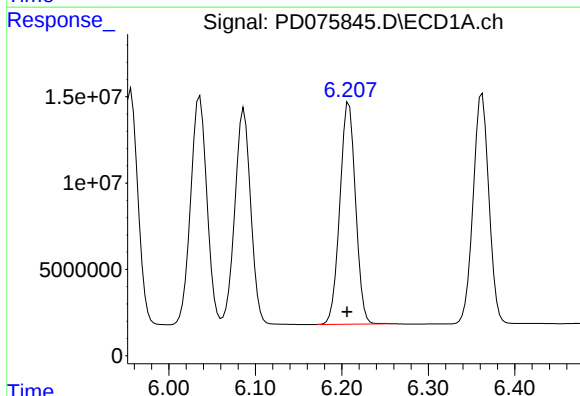
R.T.: 6.036 min  
Delta R.T.: 0.002 min  
Response: 172442965  
Conc: 53.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



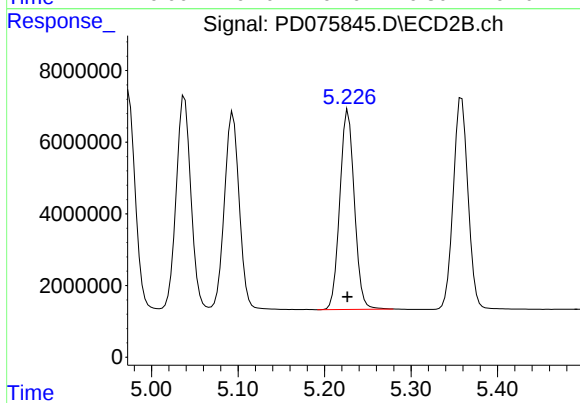
#11 alpha-Chlordane

R.T.: 5.038 min  
Delta R.T.: 0.000 min  
Response: 71016738  
Conc: 51.77 ng/ml



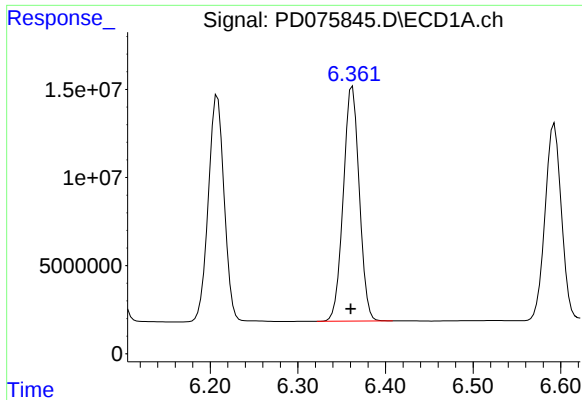
#12 4,4'-DDE

R.T.: 6.208 min  
Delta R.T.: 0.002 min  
Response: 160958229  
Conc: 56.32 ng/ml



#12 4,4'-DDE

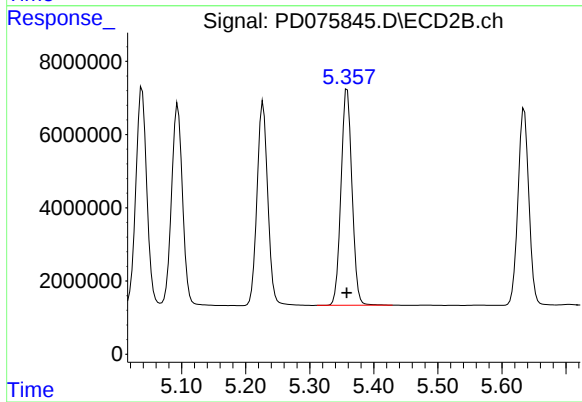
R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 64592243  
Conc: 57.87 ng/ml



#13 Dieldrin

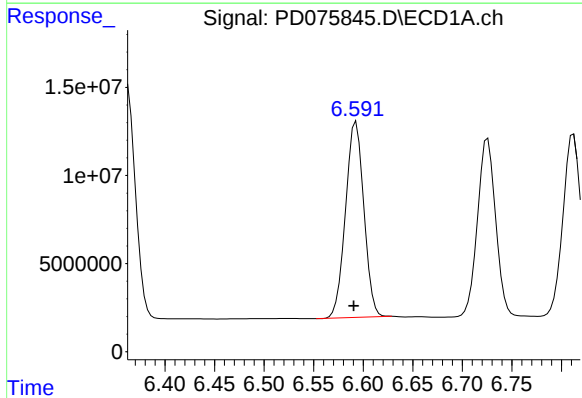
R.T.: 6.362 min  
Delta R.T.: 0.002 min  
Response: 168826414  
Conc: 54.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



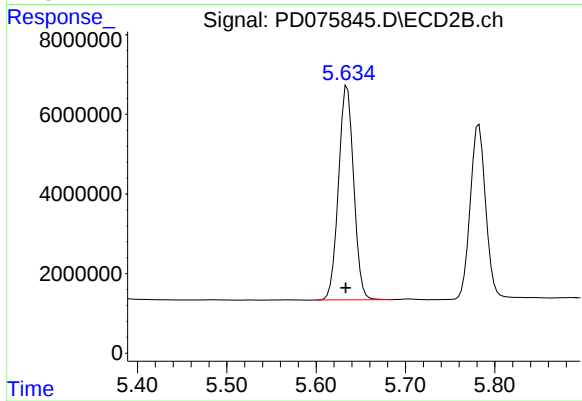
#13 Dieldrin

R.T.: 5.359 min  
Delta R.T.: 0.000 min  
Response: 70262050  
Conc: 52.08 ng/ml



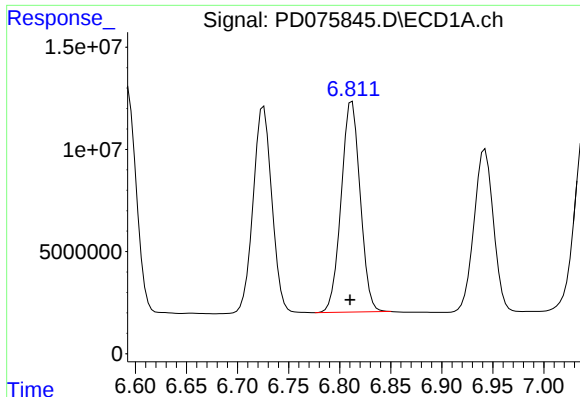
#14 Endrin

R.T.: 6.593 min  
Delta R.T.: 0.002 min  
Response: 142878698  
Conc: 53.43 ng/ml



#14 Endrin

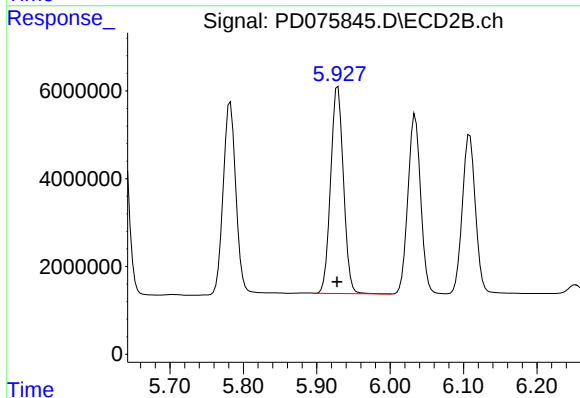
R.T.: 5.635 min  
Delta R.T.: 0.002 min  
Response: 63399382  
Conc: 52.10 ng/ml



#15 Endosulfan II

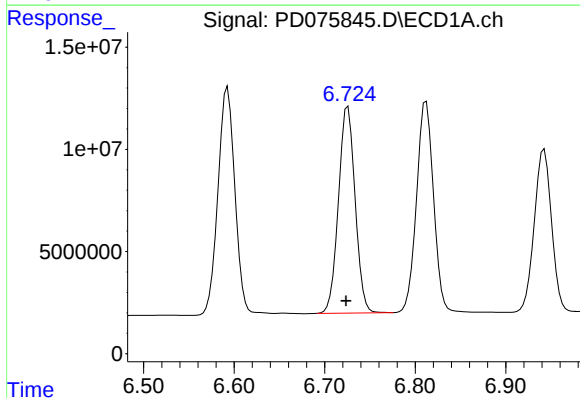
R.T.: 6.812 min  
Delta R.T.: 0.002 min  
Response: 133813157  
Conc: 51.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



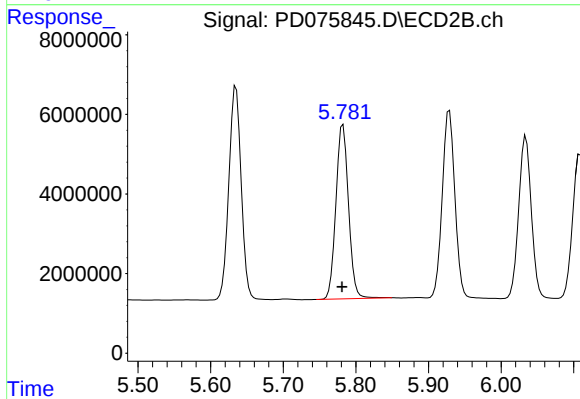
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: 0.001 min  
Response: 57301397  
Conc: 53.11 ng/ml



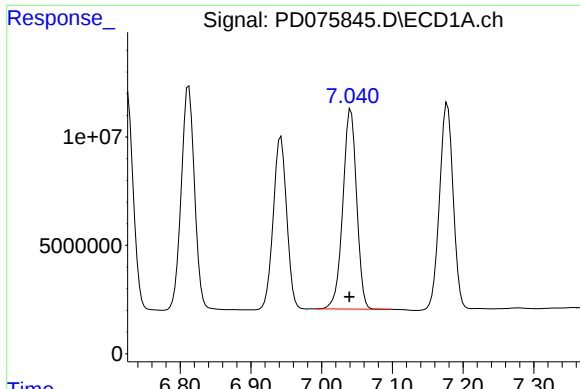
#16 4,4'-DDD

R.T.: 6.726 min  
Delta R.T.: 0.002 min  
Response: 129202244  
Conc: 56.78 ng/ml



#16 4,4'-DDD

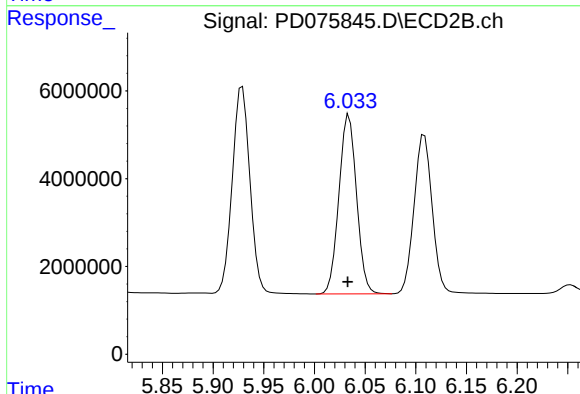
R.T.: 5.782 min  
Delta R.T.: 0.001 min  
Response: 52788878  
Conc: 59.90 ng/ml



#17 4,4'-DDT

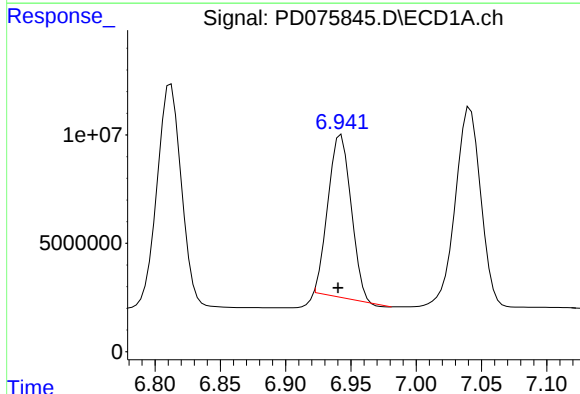
R.T.: 7.041 min  
Delta R.T.: 0.002 min  
Response: 125138982  
Conc: 55.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



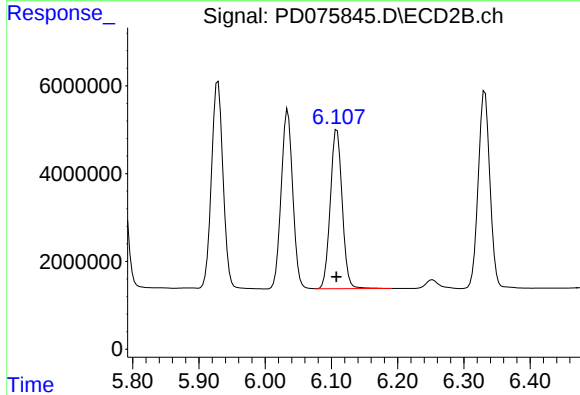
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.001 min  
Response: 49470810  
Conc: 60.90 ng/ml



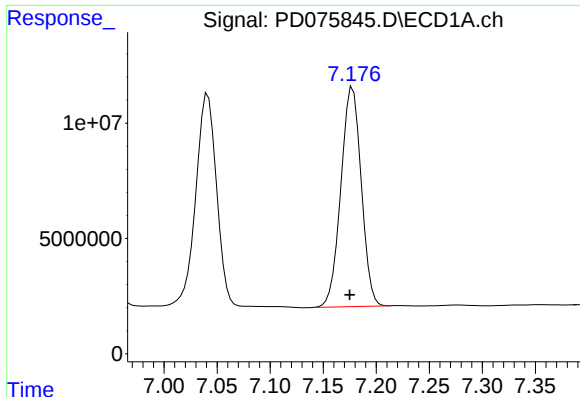
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: 0.002 min  
Response: 91759220  
Conc: 45.73 ng/ml



#18 Endrin aldehyde

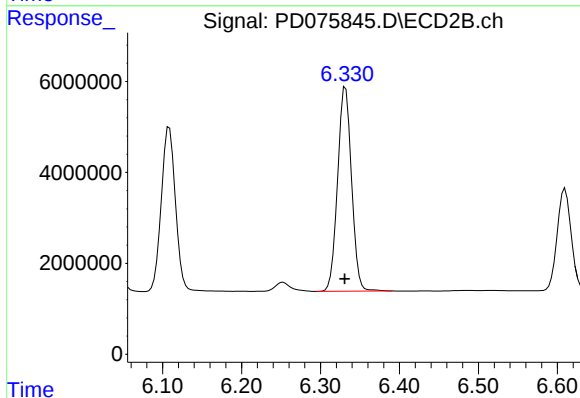
R.T.: 6.108 min  
Delta R.T.: 0.001 min  
Response: 45317481  
Conc: 52.36 ng/ml



#19 Endosulfan Sulfate

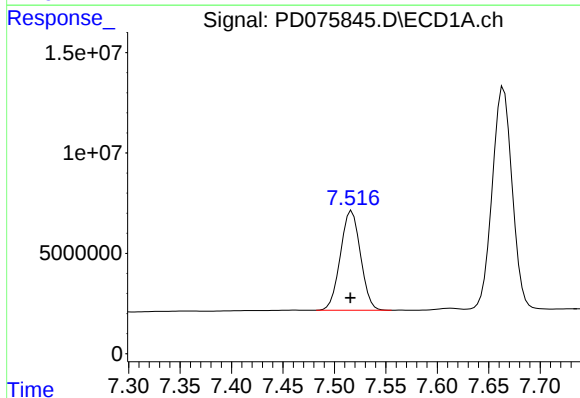
R.T.: 7.178 min  
Delta R.T.: 0.003 min  
Response: 126920406  
Conc: 50.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



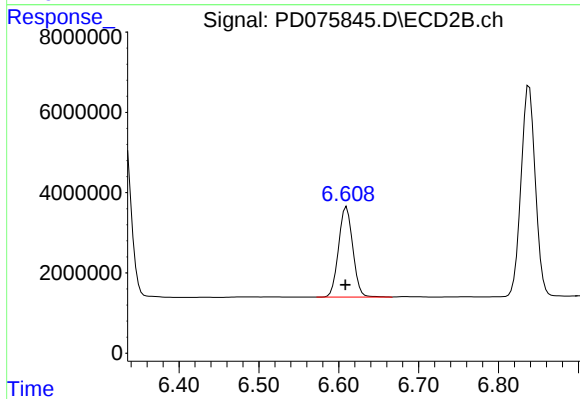
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: 0.001 min  
Response: 55134133  
Conc: 51.02 ng/ml



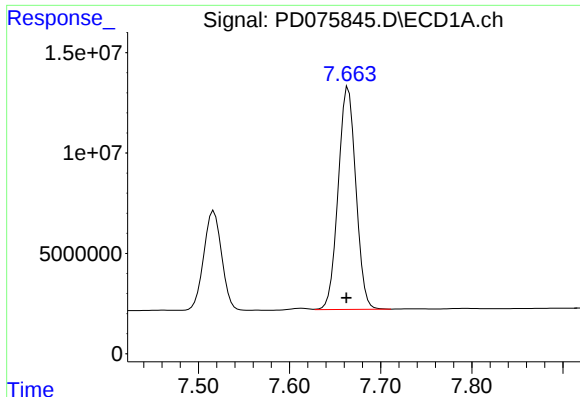
#20 Methoxychlor

R.T.: 7.517 min  
Delta R.T.: 0.001 min  
Response: 67483750  
Conc: 52.14 ng/ml



#20 Methoxychlor

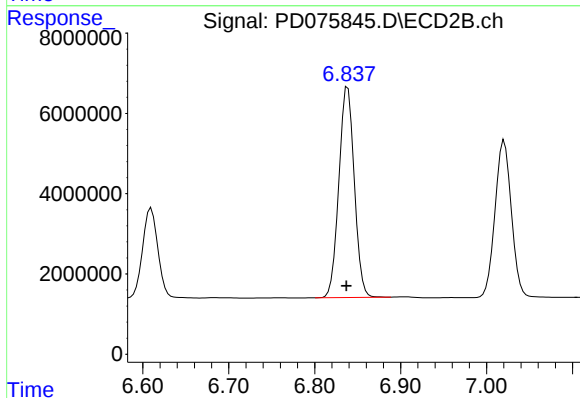
R.T.: 6.610 min  
Delta R.T.: 0.002 min  
Response: 27795808  
Conc: 60.05 ng/ml



#21 Endrin ketone

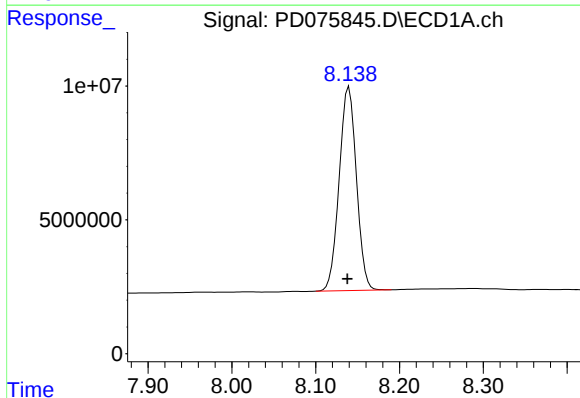
R.T.: 7.664 min  
Delta R.T.: 0.002 min  
Response: 149339758  
Conc: 53.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



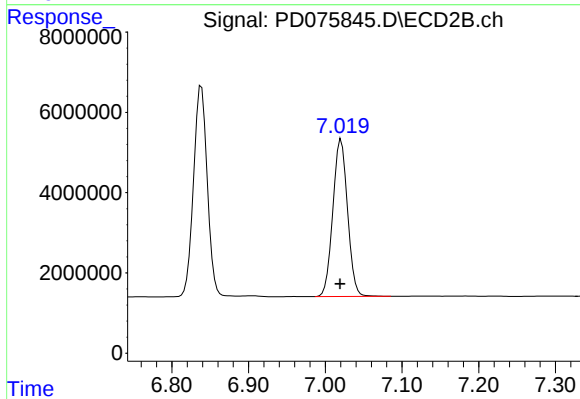
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: 0.002 min  
Response: 65332051  
Conc: 53.77 ng/ml



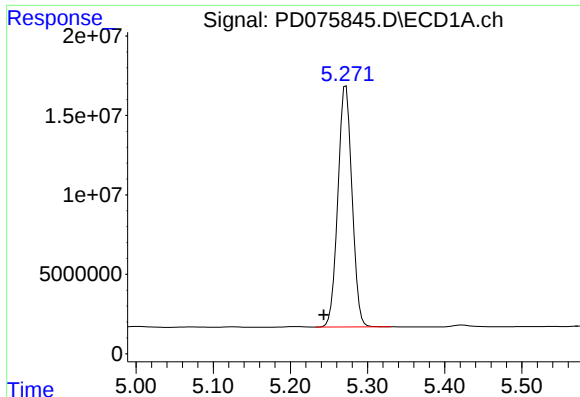
#22 Mirex

R.T.: 8.140 min  
Delta R.T.: 0.002 min  
Response: 108953345  
Conc: 50.85 ng/ml



#22 Mirex

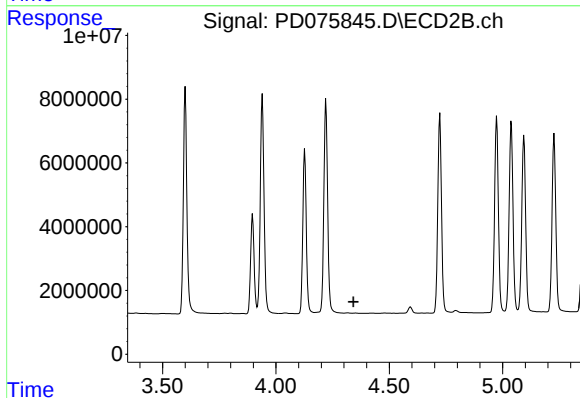
R.T.: 7.021 min  
Delta R.T.: 0.002 min  
Response: 51986076  
Conc: 49.59 ng/ml



#24 Chlordane-2

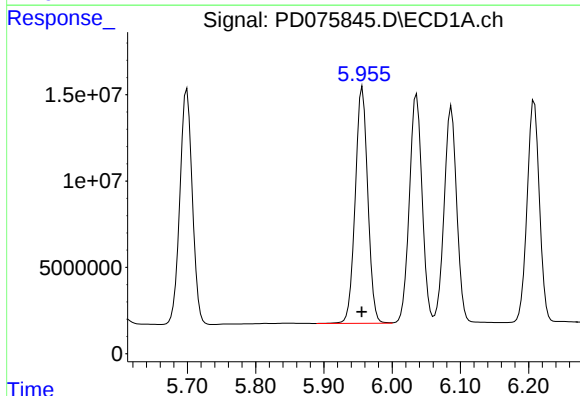
R.T.: 5.272 min  
Delta R.T.: 0.029 min  
Response: 193102981  
Conc: 1467.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



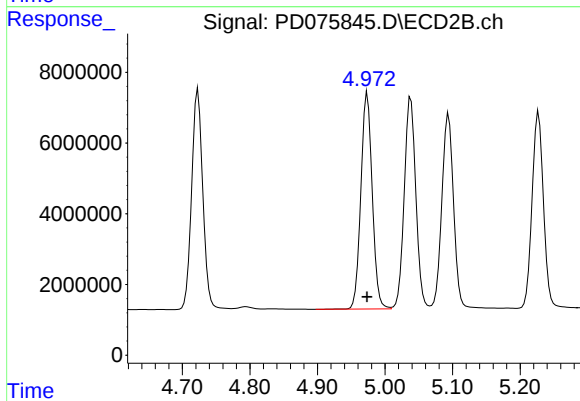
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.343 min  
Response: 0  
Conc: N.D.



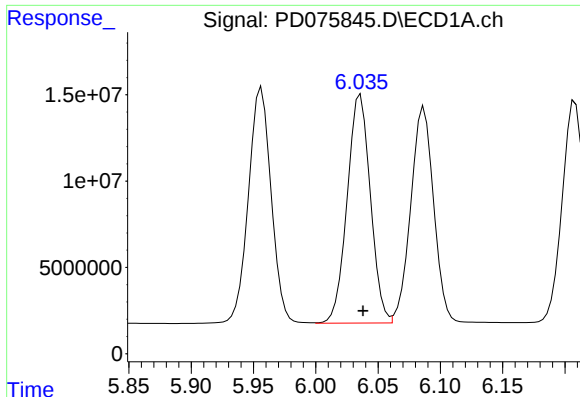
#25 Chlordane-3

R.T.: 5.956 min  
Delta R.T.: 0.000 min  
Response: 174735619  
Conc: 336.48 ng/ml



#25 Chlordane-3

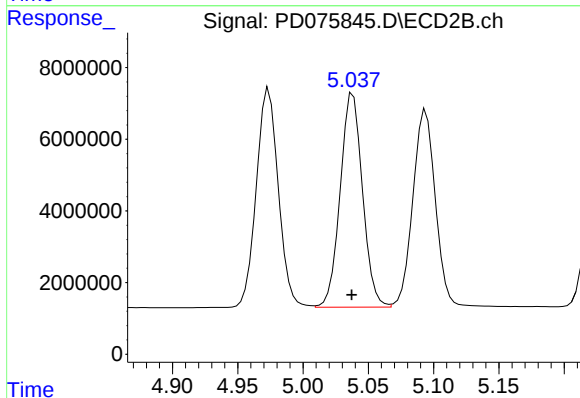
R.T.: 4.974 min  
Delta R.T.: 0.000 min  
Response: 71846352  
Conc: 483.95 ng/ml



#26 Chlordane-4

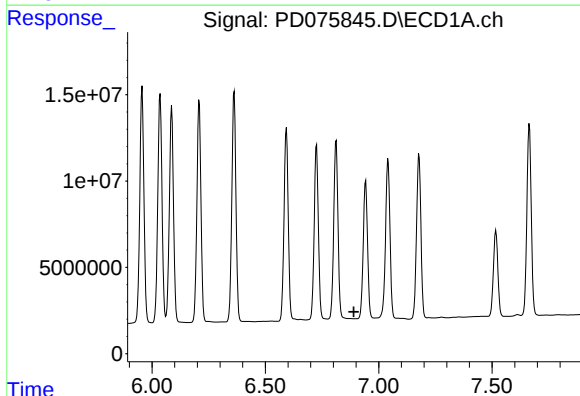
R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 172442965  
Conc: 273.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



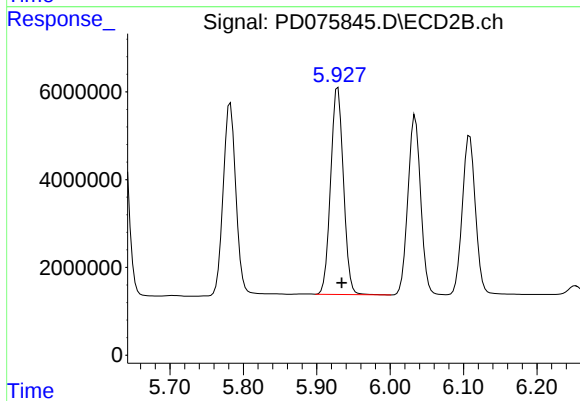
#26 Chlordane-4

R.T.: 5.038 min  
Delta R.T.: 0.001 min  
Response: 71016738  
Conc: 483.90 ng/ml



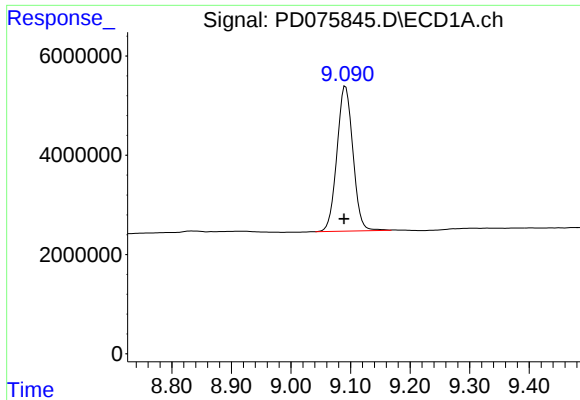
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.890 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

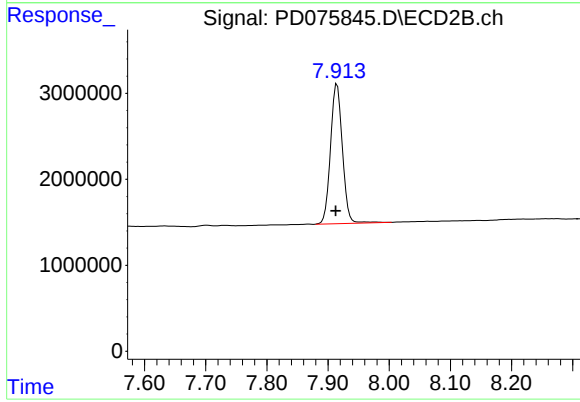
R.T.: 5.929 min  
Delta R.T.: -0.005 min  
Response: 57301397  
Conc: 1184.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: 0.003 min  
Response: 54249322  
Conc: 21.41 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.002 min  
Response: 21973946  
Conc: 22.47 ng/ml