

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101524\  
 Data File : PD086066.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2024 18:41  
 Operator : AR\AJ  
 Sample : P4349-22MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 01:46:17 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100924CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 09 17:21:49 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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

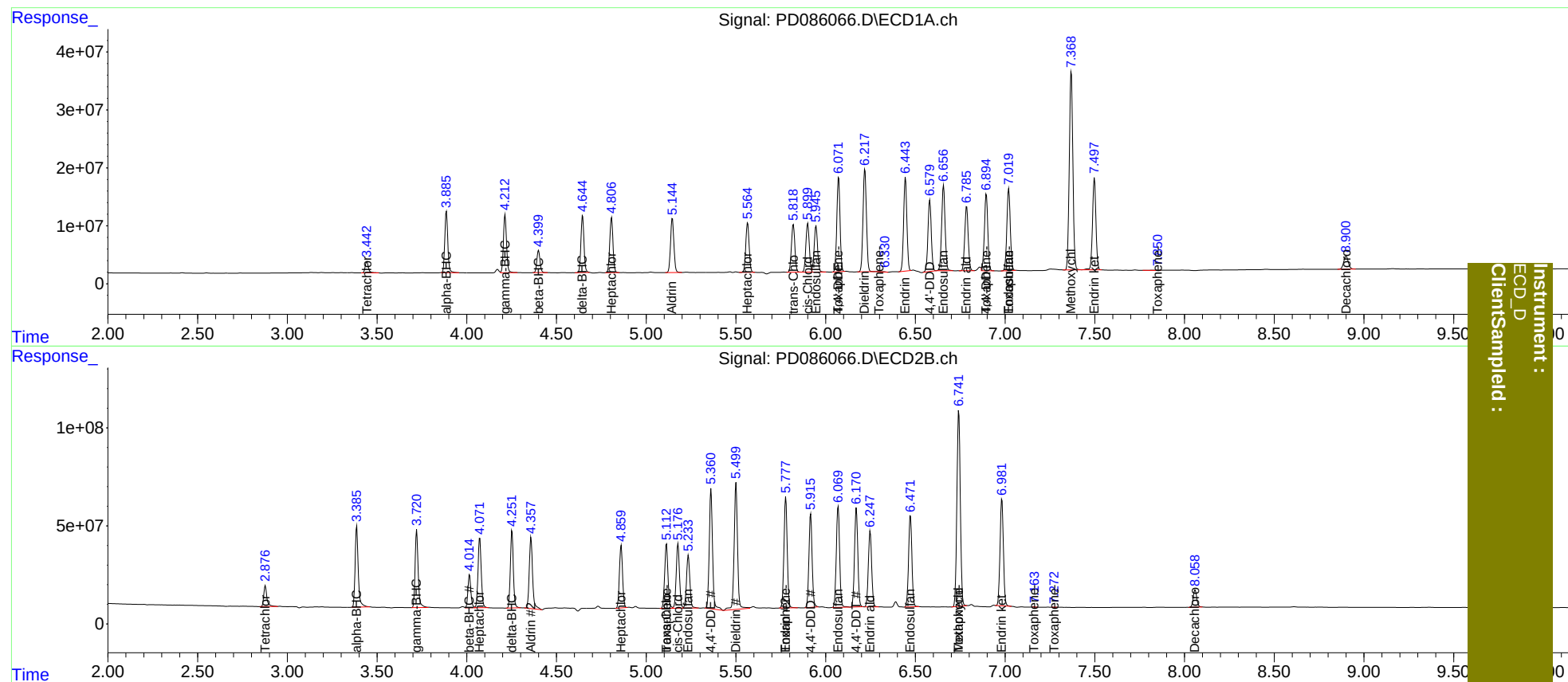
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.443  | 2.877  | 24735477 | 127.8E6  | 21.625    | 20.573      |
| 27)                         | SA Decachlor... | 8.901  | 8.059  | 39941692 | 120.4E6  | 20.710    | 24.754      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.887  | 3.387  | 122.7E6  | 494.6E6  | 61.225    | 53.594      |
| 3)                          | MA gamma-BHC... | 4.214  | 3.721  | 119.8E6  | 465.7E6  | 60.081    | 54.037      |
| 4)                          | MA Heptachlor   | 4.807  | 4.073  | 119.1E6  | 442.7E6  | 61.757    | 60.211      |
| 5)                          | MB Aldrin       | 5.146  | 4.358  | 121.4E6  | 469.5E6  | 50.438    | 48.545      |
| 6)                          | B beta-BHC      | 4.400  | 4.016  | 46826276 | 192.1E6  | 44.445    | 42.586      |
| 7)                          | B delta-BHC     | 4.646  | 4.252  | 115.8E6  | 450.0E6  | 52.621    | 48.571      |
| 8)                          | B Heptachlo...  | 5.565  | 4.861  | 110.3E6  | 390.6E6  | 49.511    | 44.835      |
| 9)                          | A Endosulfan I  | 5.947  | 5.235  | 104.4E6  | 347.9E6  | 57.242    | 50.187      |
| 10)                         | B trans-Chl...  | 5.820  | 5.113  | 109.0E6  | 418.5E6  | 48.519    | 46.517      |
| 11)                         | B cis-Chlor...  | 5.901  | 5.177  | 110.7E6  | 413.0E6  | 48.517    | 46.008      |
| 12)                         | B 4,4'-DDE      | 6.072  | 5.361  | 203.3E6  | 776.8E6  | 106.612   | 103.349     |
| 13)                         | MA Dieldrin     | 6.219  | 5.501  | 234.6E6  | 854.6E6  | 119.212   | 115.443     |
| 14)                         | MA Endrin       | 6.445  | 5.778  | 200.6E6  | 714.6E6  | 129.863   | 121.166     |
| 15)                         | B Endosulfa...  | 6.657  | 6.070  | 196.0E6  | 667.4E6  | 98.709    | 95.436      |
| 16)                         | A 4,4'-DDD      | 6.581  | 5.917  | 159.7E6  | 591.9E6  | 128.036   | 124.055     |
| 17)                         | MA 4,4'-DDT     | 6.895  | 6.171  | 173.3E6  | 638.5E6  | 128.420   | 128.192     |
| 18)                         | B Endrin al...  | 6.786  | 6.248  | 148.6E6  | 500.2E6  | 96.894    | 96.561      |
| 19)                         | B Endosulfa...  | 7.021  | 6.473  | 188.5E6  | 601.3E6  | 102.937   | 99.264      |
| 20)                         | A Methoxychlor  | 7.369  | 6.742  | 474.2E6  | 1326.8E6 | 593.093   | 632.879     |
| 21)                         | B Endrin ke...  | 7.498  | 6.982  | 209.4E6  | 711.3E6  | 103.010   | 97.663      |
| 22)                         | Toxaphene-1     | 6.072f | 5.113  | 203.3E6  | 418.5E6  | 18257.318 | 10873.611 # |
| 23)                         | Toxaphene-2     | 6.297  | 5.778f | 1050638  | 714.6E6  | 60.950    | 20413.493 # |
| 24)                         | Toxaphene-3     | 6.895  | 6.742  | 173.3E6  | 1326.8E6 | 3886.998  | 11184.083 # |
| 25)                         | Toxaphene-4     | 7.021  | 7.162  | 188.5E6  | 662258   | 5738.374  | 8.770 #     |
| 26)                         | Toxaphene-5     | 7.851f | 7.273f | 1273769  | 292904   | 50.318    | 5.305 #     |
| -----                       |                 |        |        |          |          |           |             |

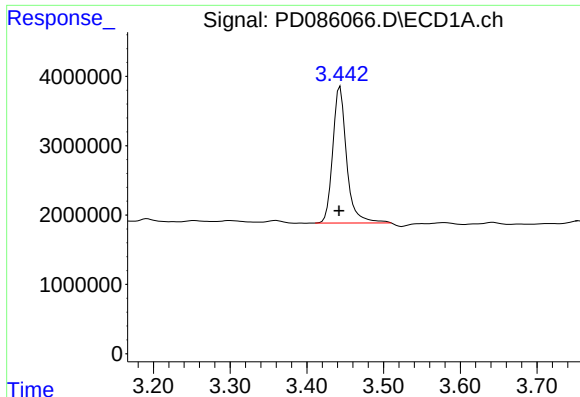
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101524\  
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Acq On : 15 Oct 2024 18:41  
Operator : AR\AJ  
Sample : P4349-22MS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 16 01:46:17 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD100924CLP.M  
Quant Title : GC Extractables  
QLast Update : Wed Oct 09 17:21:49 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

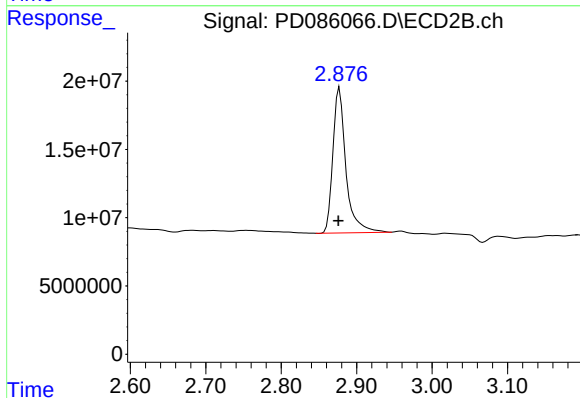




#1 Tetrachloro-m-xylene

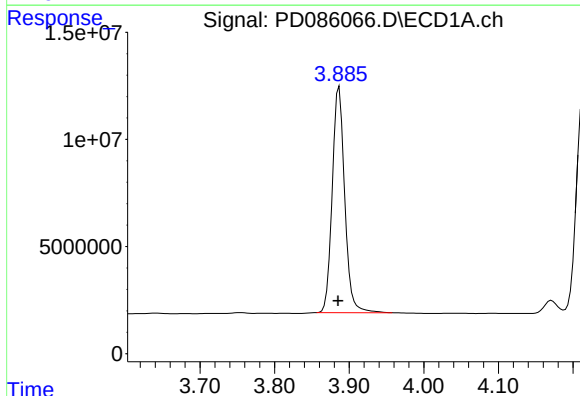
R.T.: 3.443 min  
Delta R.T.: 0.001 min  
Response: 24735477  
Conc: 21.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



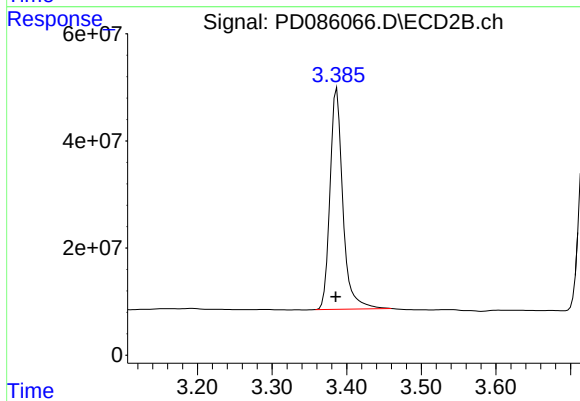
#1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.001 min  
Response: 127759832  
Conc: 20.57 ng/ml



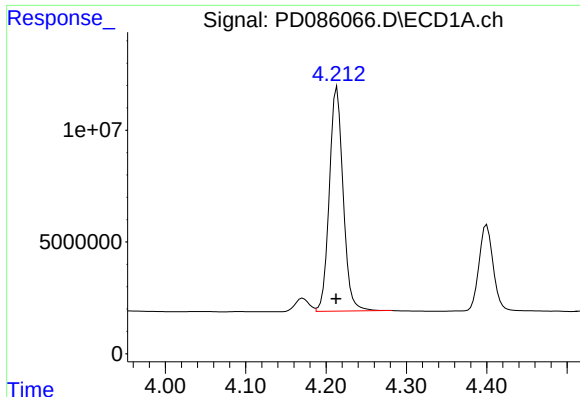
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.002 min  
Response: 122734169  
Conc: 61.23 ng/ml



#2 alpha-BHC

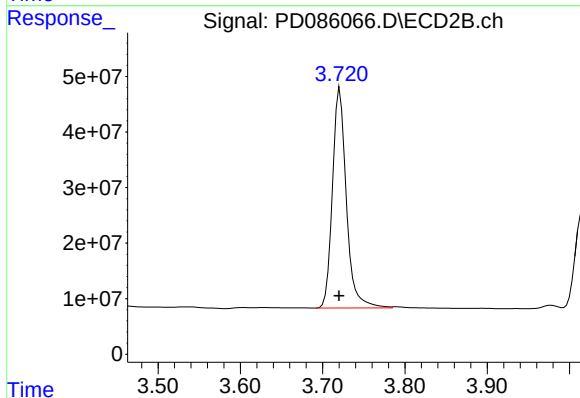
R.T.: 3.387 min  
Delta R.T.: 0.002 min  
Response: 494563382  
Conc: 53.59 ng/ml



#3 gamma-BHC (Lindane)

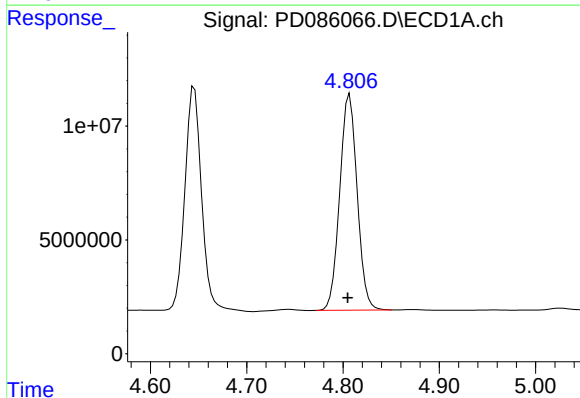
R.T.: 4.214 min  
Delta R.T.: 0.001 min  
Response: 119812397  
Conc: 60.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



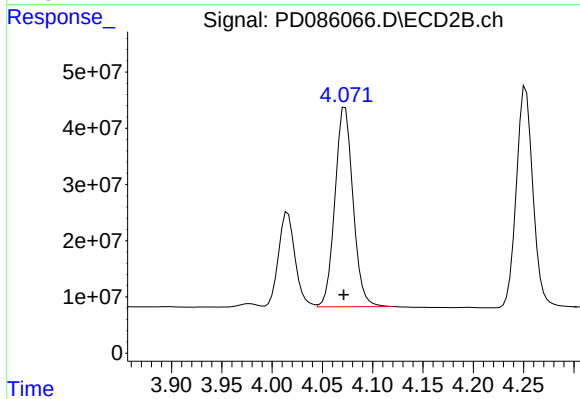
#3 gamma-BHC (Lindane)

R.T.: 3.721 min  
Delta R.T.: 0.000 min  
Response: 465651910  
Conc: 54.04 ng/ml



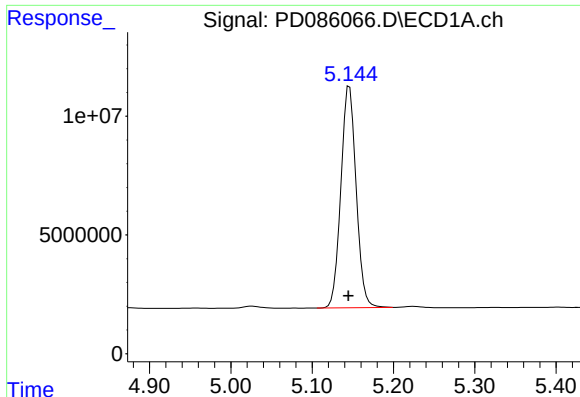
#4 Heptachlor

R.T.: 4.807 min  
Delta R.T.: 0.002 min  
Response: 119065988  
Conc: 61.76 ng/ml



#4 Heptachlor

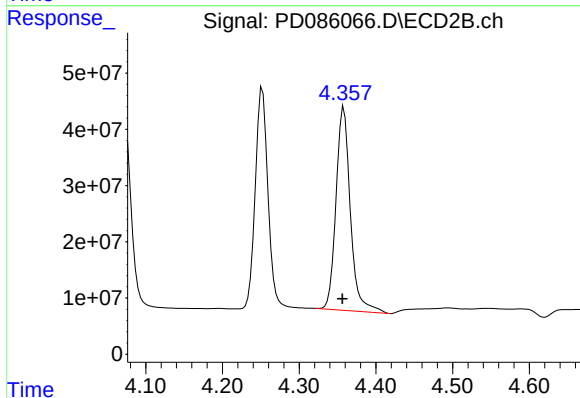
R.T.: 4.073 min  
Delta R.T.: 0.001 min  
Response: 442739860  
Conc: 60.21 ng/ml



#5 Aldrin

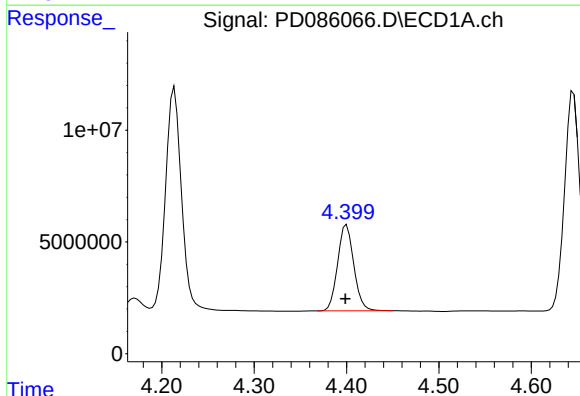
R.T.: 5.146 min  
Delta R.T.: 0.001 min  
Response: 121359750  
Conc: 50.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



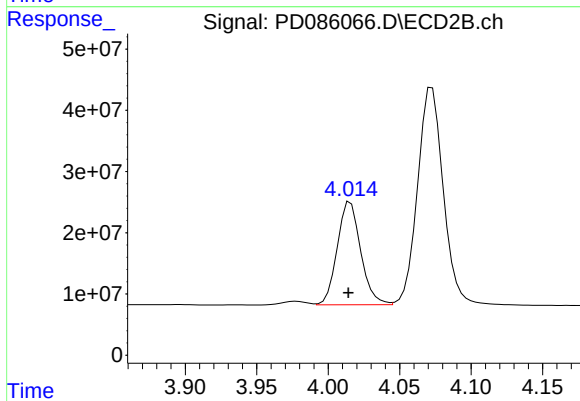
#5 Aldrin

R.T.: 4.358 min  
Delta R.T.: 0.002 min  
Response: 469463354  
Conc: 48.55 ng/ml



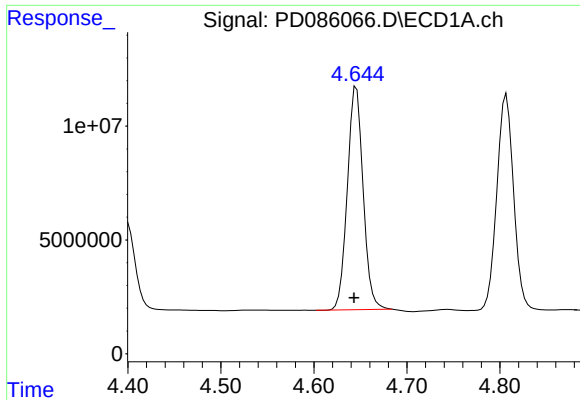
#6 beta-BHC

R.T.: 4.400 min  
Delta R.T.: 0.001 min  
Response: 46826276  
Conc: 44.44 ng/ml



#6 beta-BHC

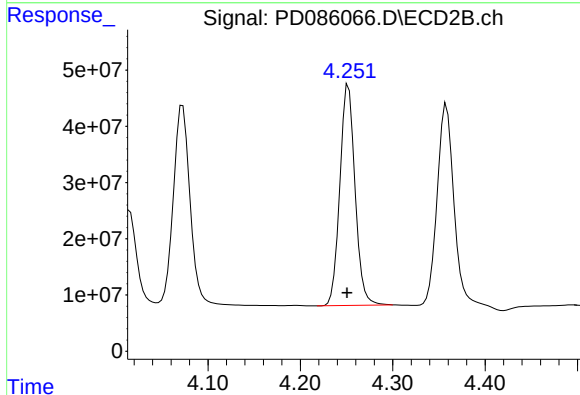
R.T.: 4.016 min  
Delta R.T.: 0.001 min  
Response: 192061103  
Conc: 42.59 ng/ml



#7 delta-BHC

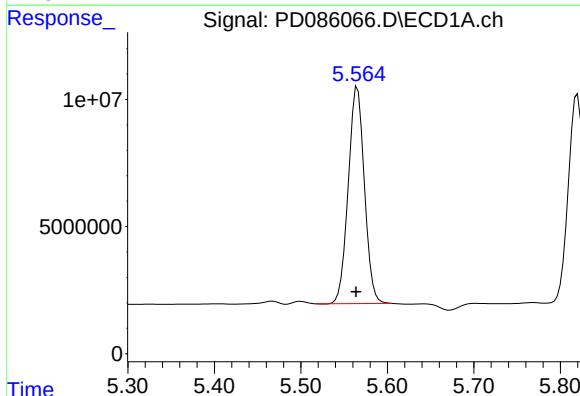
R.T.: 4.646 min  
Delta R.T.: 0.003 min  
Response: 115764695  
Conc: 52.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



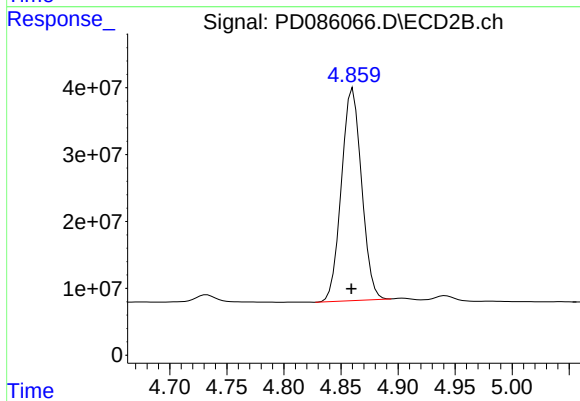
#7 delta-BHC

R.T.: 4.252 min  
Delta R.T.: 0.002 min  
Response: 449997112  
Conc: 48.57 ng/ml



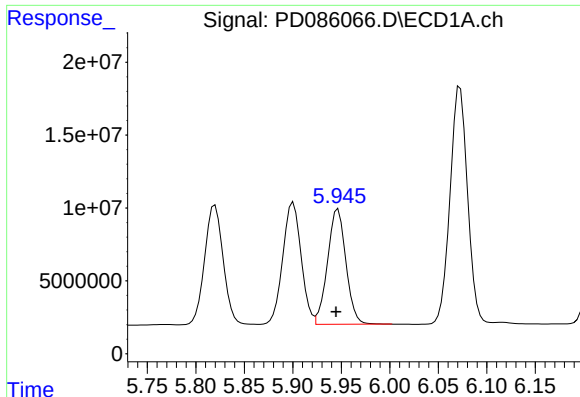
#8 Heptachlor epoxide

R.T.: 5.565 min  
Delta R.T.: 0.002 min  
Response: 110271874  
Conc: 49.51 ng/ml



#8 Heptachlor epoxide

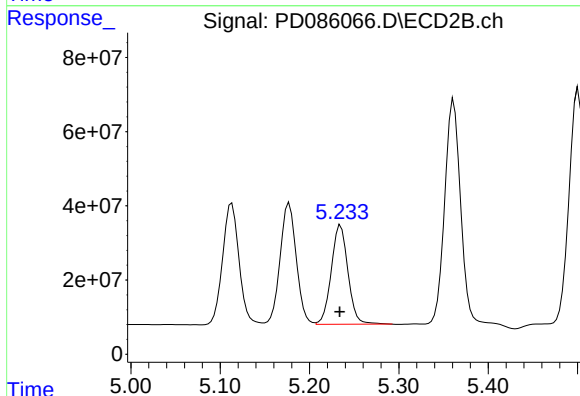
R.T.: 4.861 min  
Delta R.T.: 0.001 min  
Response: 390587786  
Conc: 44.83 ng/ml



#9 Endosulfan I

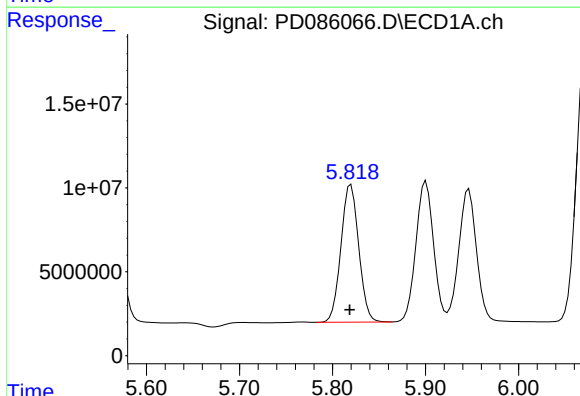
R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 104429958  
Conc: 57.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



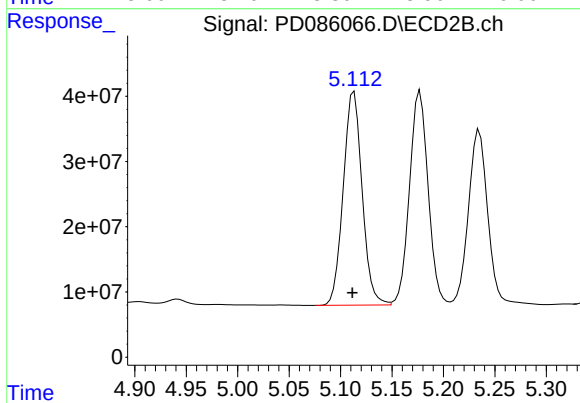
#9 Endosulfan I

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 347866663  
Conc: 50.19 ng/ml



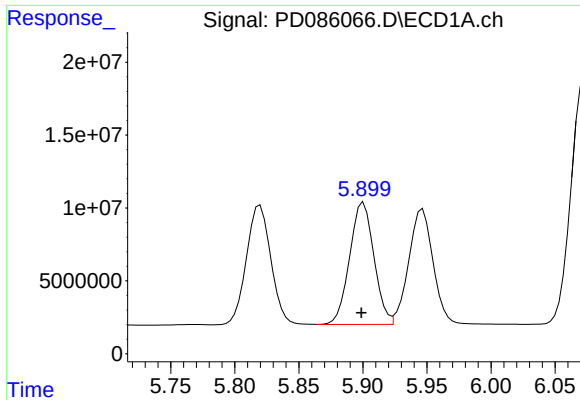
#10 trans-Chlordane

R.T.: 5.820 min  
Delta R.T.: 0.001 min  
Response: 109045263  
Conc: 48.52 ng/ml



#10 trans-Chlordane

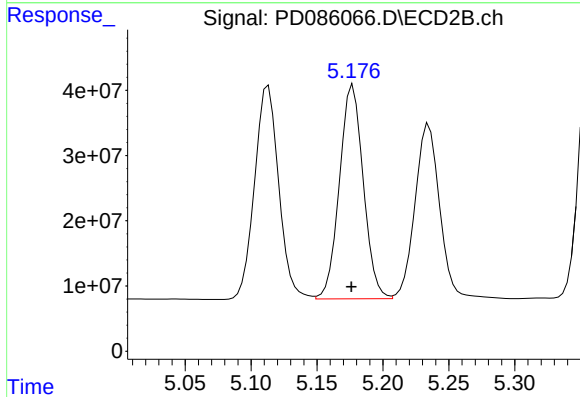
R.T.: 5.113 min  
Delta R.T.: 0.002 min  
Response: 418467160  
Conc: 46.52 ng/ml



#11 cis-Chlordane

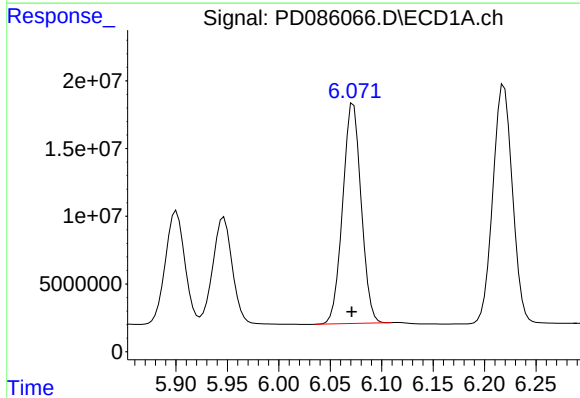
R.T.: 5.901 min  
Delta R.T.: 0.002 min  
Response: 110655865  
Conc: 48.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



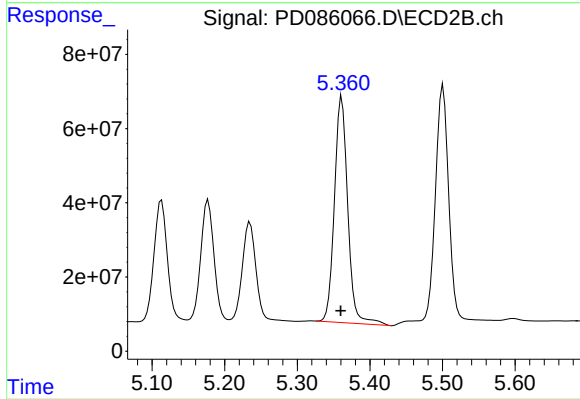
#11 cis-Chlordane

R.T.: 5.177 min  
Delta R.T.: 0.001 min  
Response: 413037786  
Conc: 46.01 ng/ml



#12 4,4'-DDE

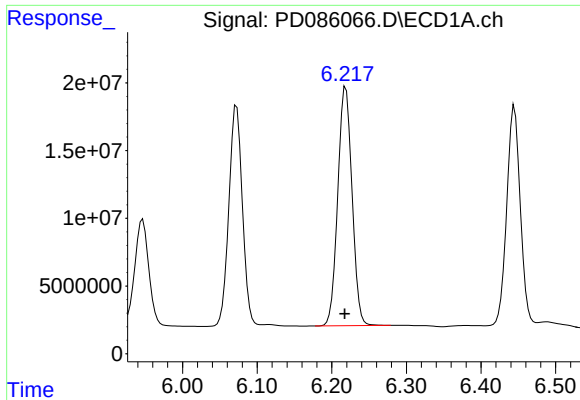
R.T.: 6.072 min  
Delta R.T.: 0.002 min  
Response: 203291122  
Conc: 106.61 ng/ml



#12 4,4'-DDE

R.T.: 5.361 min  
Delta R.T.: 0.002 min  
Response: 776820308  
Conc: 103.35 ng/ml

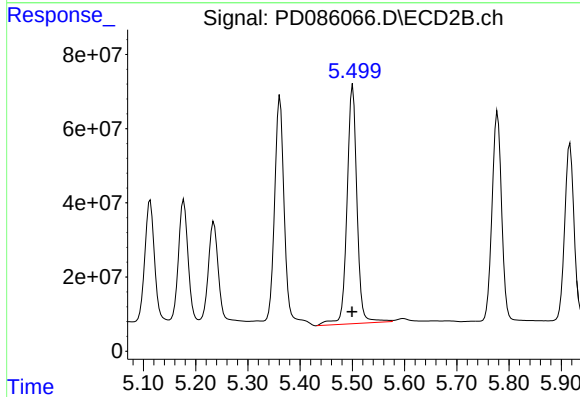




#13 Dieldrin

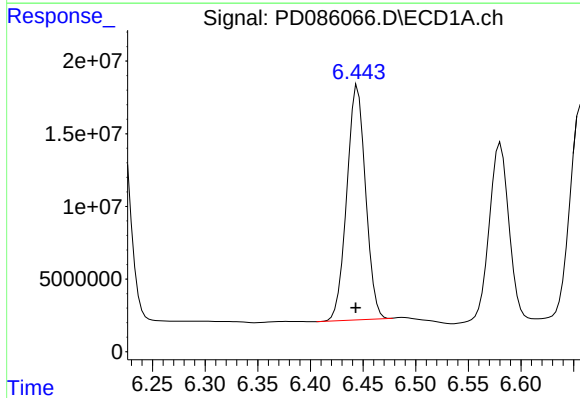
R.T.: 6.219 min  
Delta R.T.: 0.001 min  
Response: 234648766  
Conc: 119.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



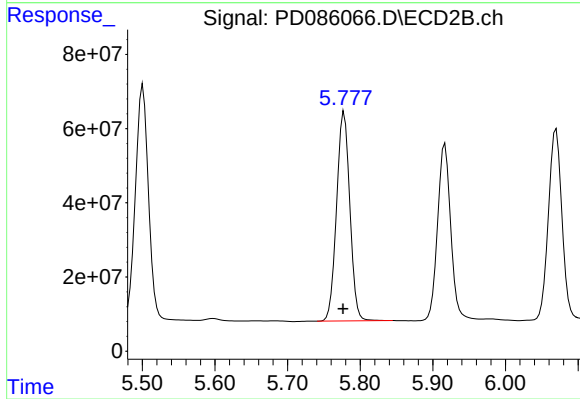
#13 Dieldrin

R.T.: 5.501 min  
Delta R.T.: 0.001 min  
Response: 854565482  
Conc: 115.44 ng/ml



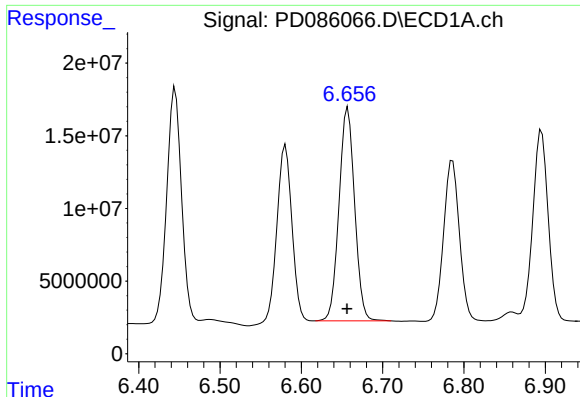
#14 Endrin

R.T.: 6.445 min  
Delta R.T.: 0.002 min  
Response: 200624358  
Conc: 129.86 ng/ml



#14 Endrin

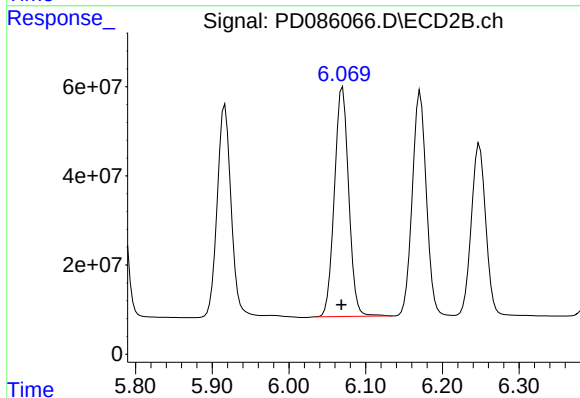
R.T.: 5.778 min  
Delta R.T.: 0.002 min  
Response: 714601533  
Conc: 121.17 ng/ml



#15 Endosulfan II

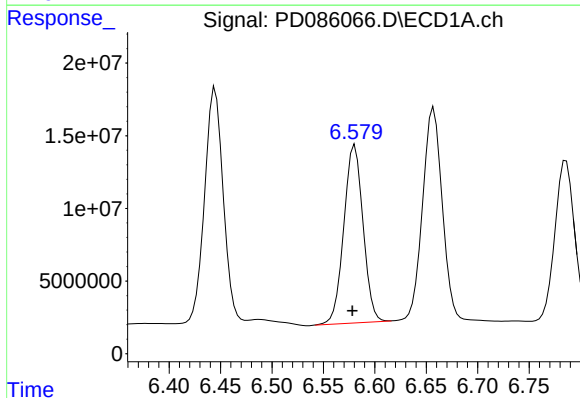
R.T.: 6.657 min  
Delta R.T.: 0.000 min  
Response: 195957569  
Conc: 98.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



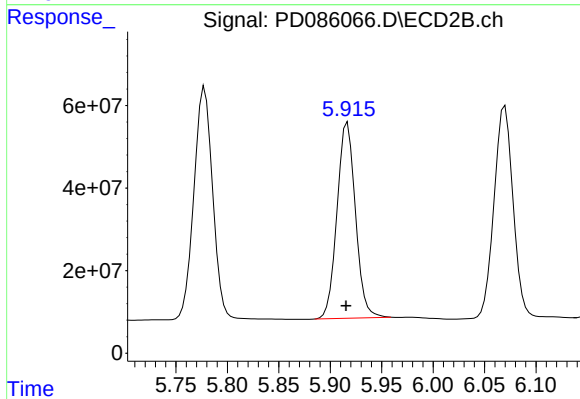
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: 0.001 min  
Response: 667362406  
Conc: 95.44 ng/ml



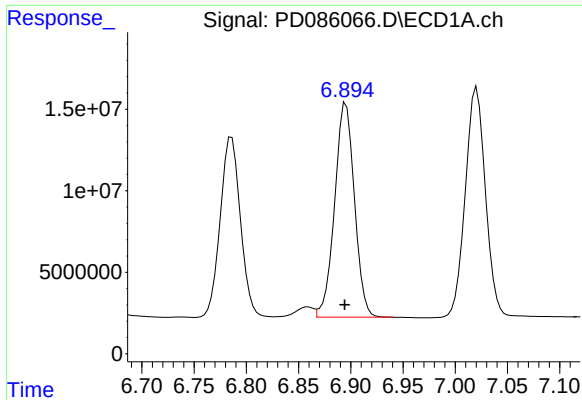
#16 4,4'-DDD

R.T.: 6.581 min  
Delta R.T.: 0.002 min  
Response: 159716795  
Conc: 128.04 ng/ml



#16 4,4'-DDD

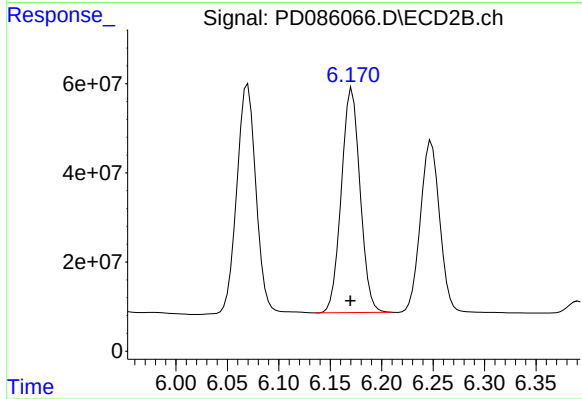
R.T.: 5.917 min  
Delta R.T.: 0.001 min  
Response: 591896348  
Conc: 124.05 ng/ml



#17 4,4'-DDT

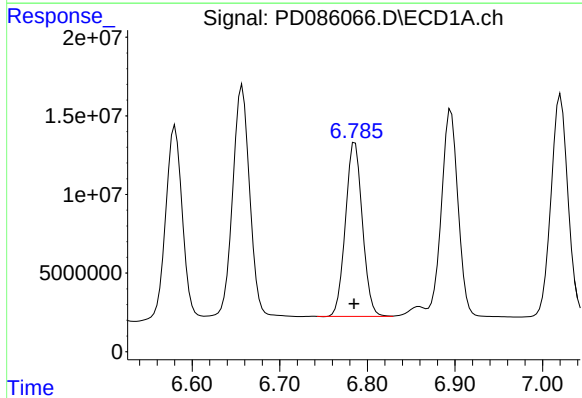
R.T.: 6.895 min  
Delta R.T.: 0.001 min  
Response: 173289367  
Conc: 128.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



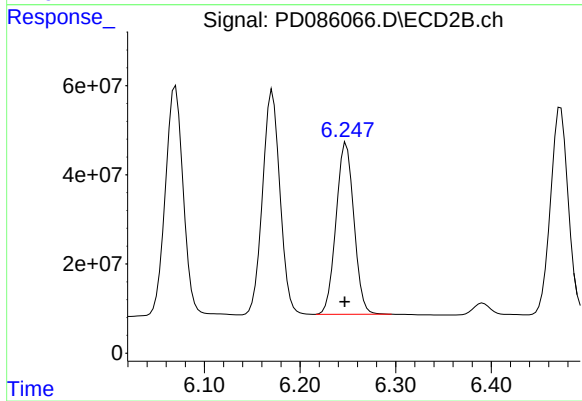
#17 4,4'-DDT

R.T.: 6.171 min  
Delta R.T.: 0.002 min  
Response: 638467608  
Conc: 128.19 ng/ml



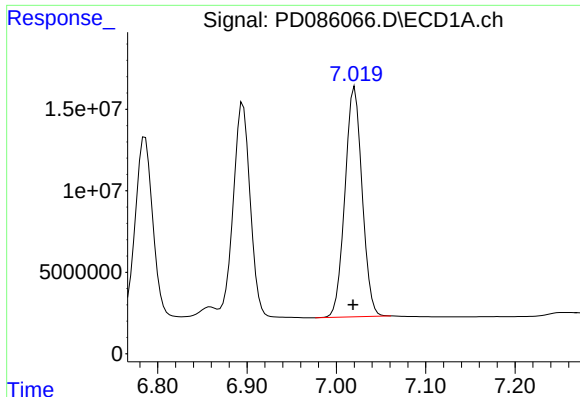
#18 Endrin aldehyde

R.T.: 6.786 min  
Delta R.T.: 0.000 min  
Response: 148570386  
Conc: 96.89 ng/ml



#18 Endrin aldehyde

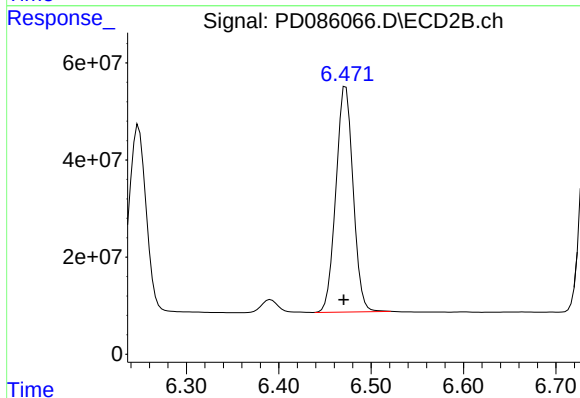
R.T.: 6.248 min  
Delta R.T.: 0.002 min  
Response: 500220152  
Conc: 96.56 ng/ml



#19 Endosulfan Sulfate

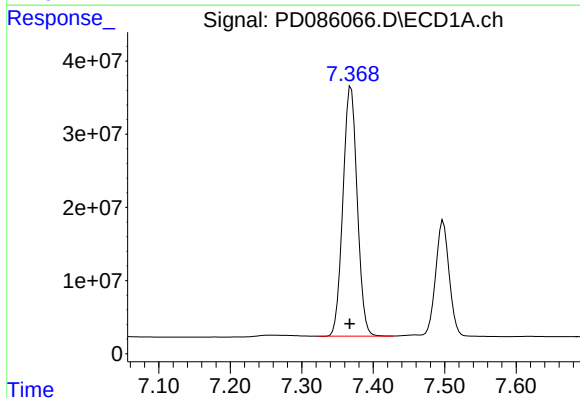
R.T.: 7.021 min  
Delta R.T.: 0.002 min  
Response: 188510316  
Conc: 102.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



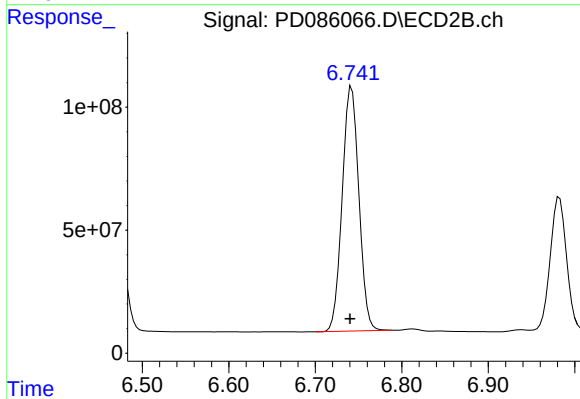
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: 0.002 min  
Response: 601254942  
Conc: 99.26 ng/ml



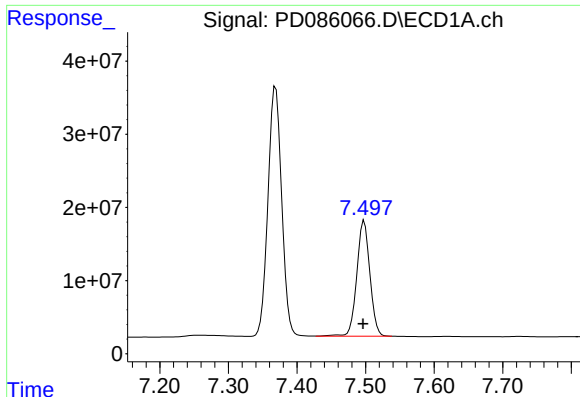
#20 Methoxychlor

R.T.: 7.369 min  
Delta R.T.: 0.001 min  
Response: 474217806  
Conc: 593.09 ng/ml



#20 Methoxychlor

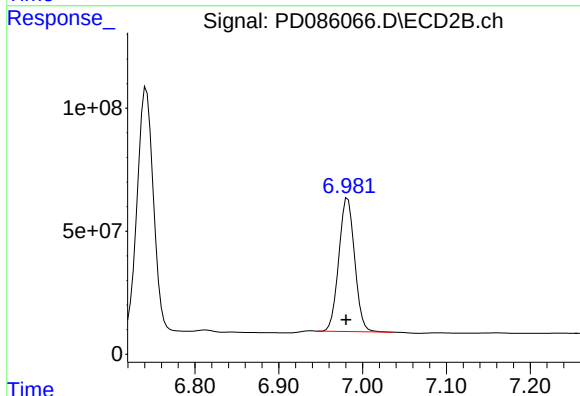
R.T.: 6.742 min  
Delta R.T.: 0.002 min  
Response: 1326750014  
Conc: 632.88 ng/ml



#21 Endrin ketone

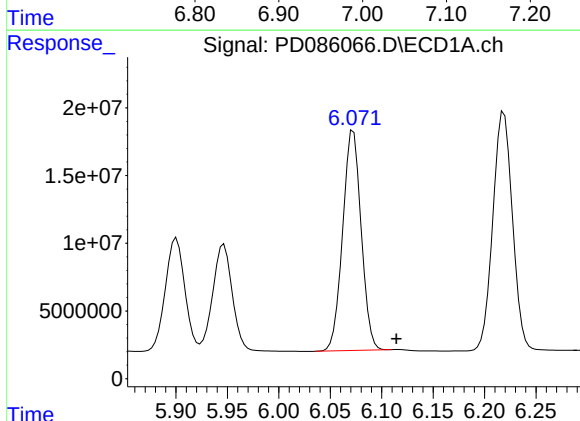
R.T.: 7.498 min  
Delta R.T.: 0.002 min  
Response: 209420068  
Conc: 103.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



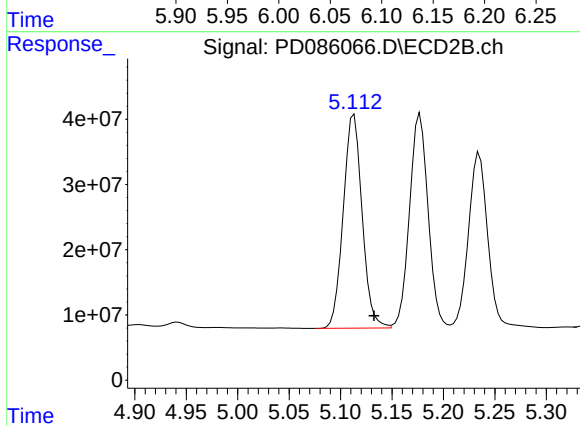
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: 0.002 min  
Response: 711284183  
Conc: 97.66 ng/ml



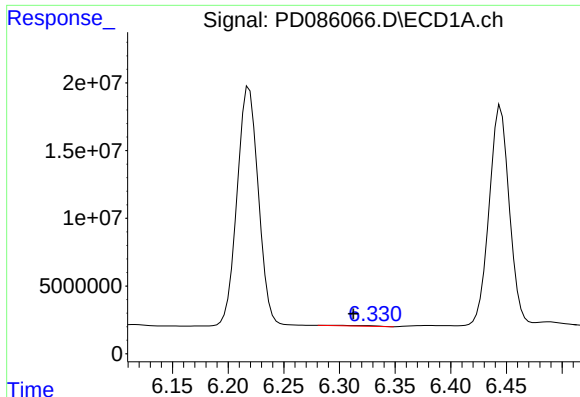
#22 Toxaphene-1

R.T.: 6.072 min  
Delta R.T.: -0.042 min  
Response: 203291122  
Conc: 18257.32 ng/ml



#22 Toxaphene-1

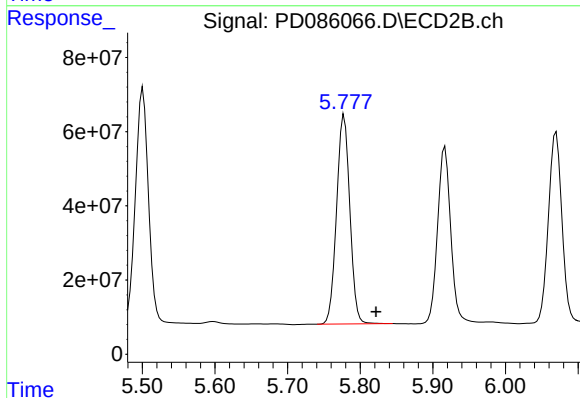
R.T.: 5.113 min  
Delta R.T.: -0.019 min  
Response: 418467160  
Conc: 10873.61 ng/ml



#23 Toxaphene-2

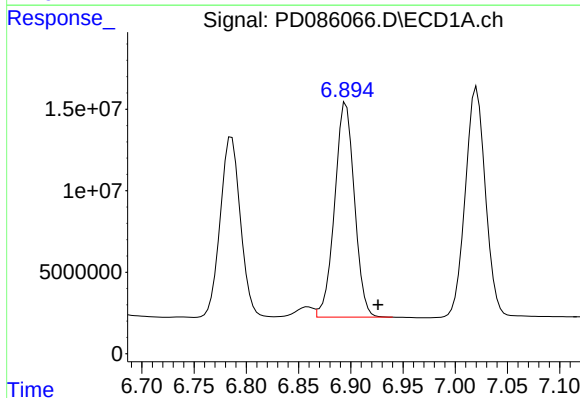
R.T.: 6.297 min  
Delta R.T.: -0.016 min  
Response: 1050638  
Conc: 60.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



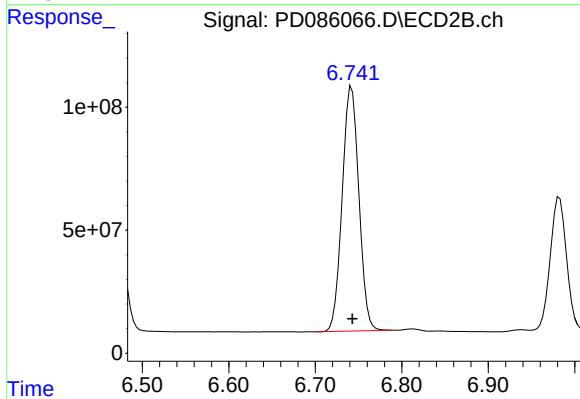
#23 Toxaphene-2

R.T.: 5.778 min  
Delta R.T.: -0.044 min  
Response: 714601533  
Conc: 20413.49 ng/ml



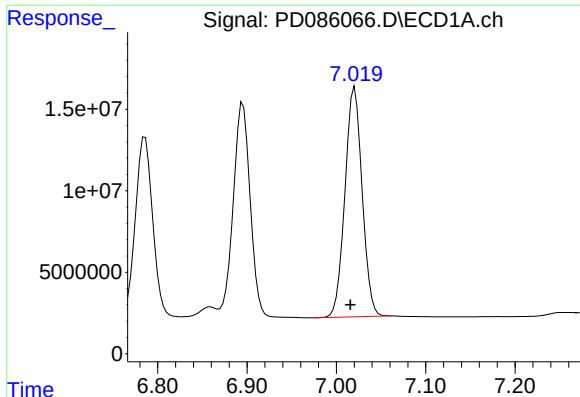
#24 Toxaphene-3

R.T.: 6.895 min  
Delta R.T.: -0.031 min  
Response: 173289367  
Conc: 3887.00 ng/ml



#24 Toxaphene-3

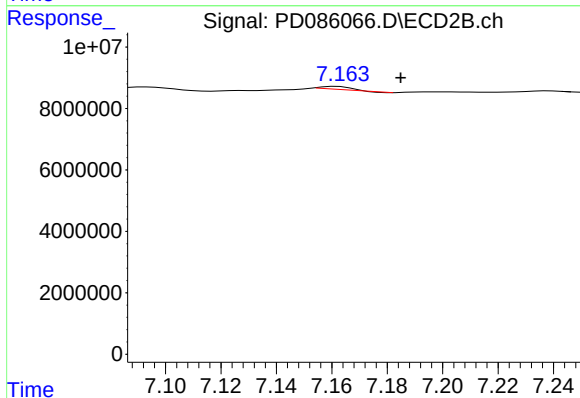
R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 1326750014  
Conc: 11184.08 ng/ml



#25 Toxaphene-4

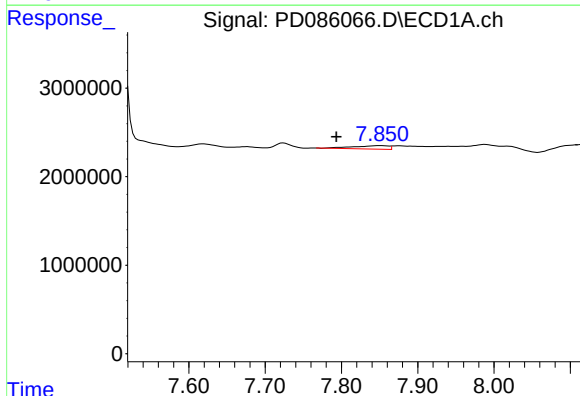
R.T.: 7.021 min  
Delta R.T.: 0.005 min  
Response: 188510316  
Conc: 5738.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



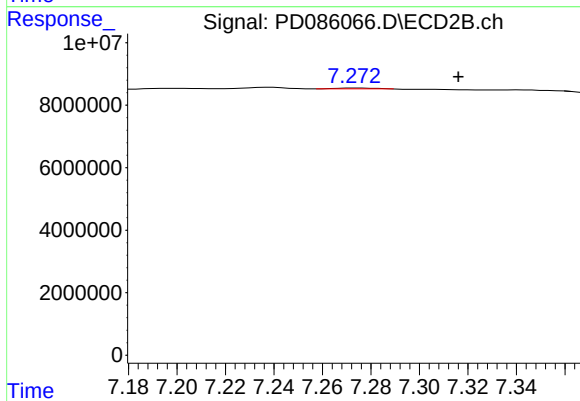
#25 Toxaphene-4

R.T.: 7.162 min  
Delta R.T.: -0.023 min  
Response: 662258  
Conc: 8.77 ng/ml



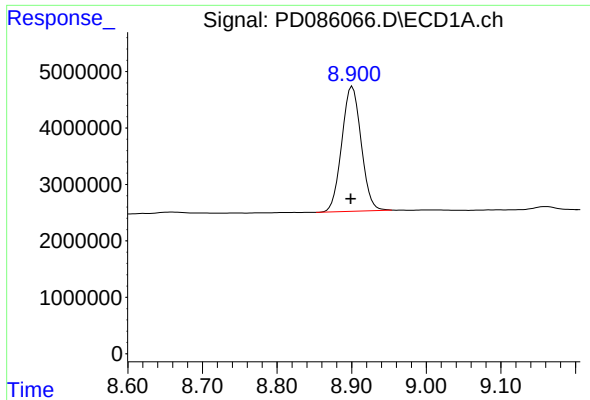
#26 Toxaphene-5

R.T.: 7.851 min  
Delta R.T.: 0.058 min  
Response: 1273769  
Conc: 50.32 ng/ml



#26 Toxaphene-5

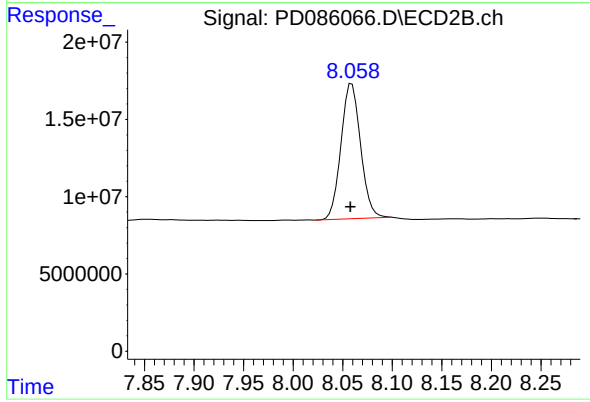
R.T.: 7.273 min  
Delta R.T.: -0.043 min  
Response: 292904  
Conc: 5.30 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.901 min  
Delta R.T.: 0.002 min  
Response: 39941692  
Conc: 20.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: 0.001 min  
Response: 120388333  
Conc: 24.75 ng/ml