

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD103123\  
 Data File : PD079259.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Oct 2023 20:05  
 Operator : AR\AJ  
 Sample : 05057-06MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 30 21:33:41 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101723CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 17 09:38:01 2023  
 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

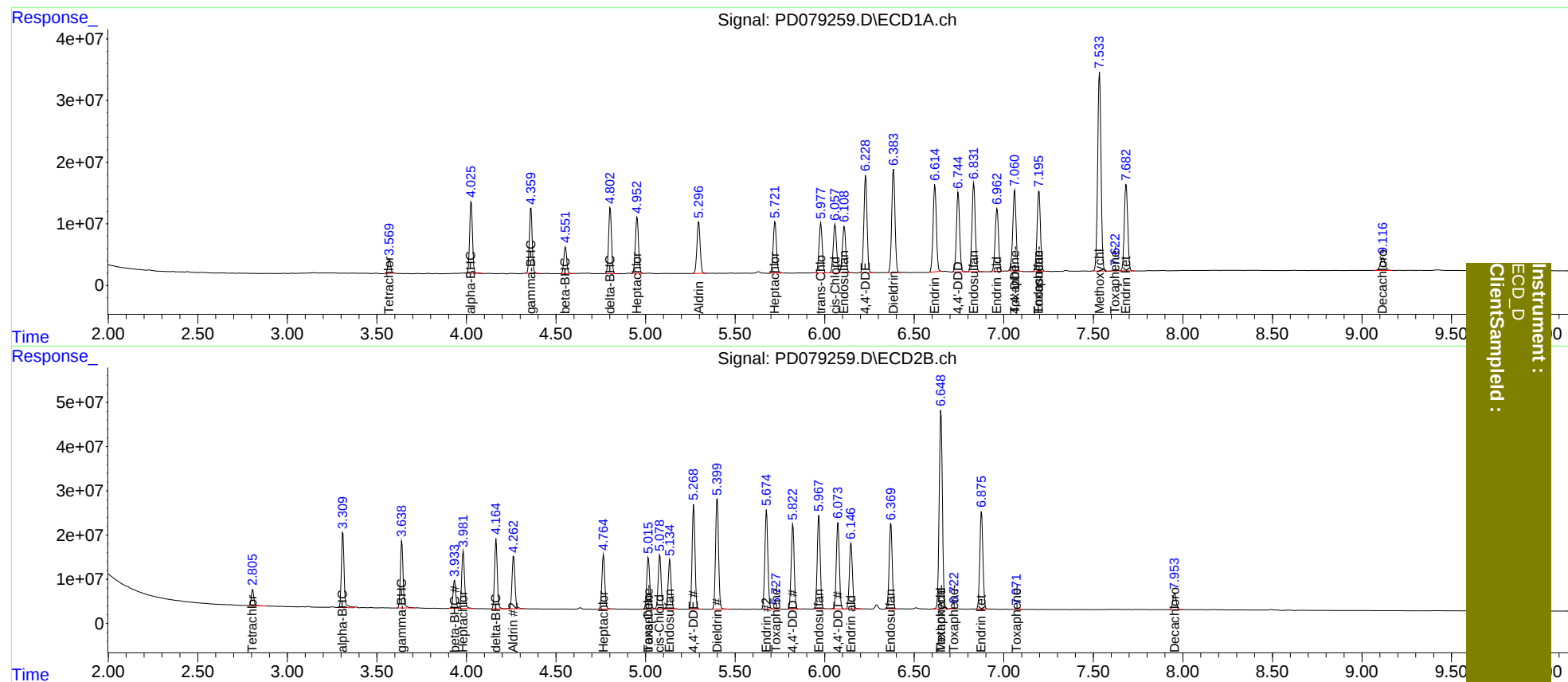
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.570  | 2.807  | 25274079 | 36065120 | 16.479   | 16.631      |
| 2)                          | SA Decachlor... | 9.117  | 7.955  | 37221115 | 47731191 | 19.624   | 20.466      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.027  | 3.310  | 128.0E6  | 176.3E6  | 49.124   | 51.698      |
| 3)                          | MA gamma-BHC... | 4.360  | 3.640  | 116.8E6  | 157.6E6  | 46.927   | 48.760      |
| 4)                          | MA Heptachlor   | 4.953  | 3.982  | 110.7E6  | 142.2E6  | 41.565   | 46.764      |
| 5)                          | MB Aldrin       | 5.297  | 4.264  | 104.8E6  | 137.4E6  | 42.380   | 44.602      |
| 6)                          | B beta-BHC      | 4.553  | 3.934  | 48392771 | 65182481 | 42.438   | 45.067      |
| 7)                          | B delta-BHC     | 4.803  | 4.166  | 120.5E6  | 162.3E6  | 45.944   | 49.489      |
| 8)                          | B Heptachlo...  | 5.723  | 4.766  | 105.2E6  | 138.4E6  | 43.810   | 47.958      |
| 9)                          | A Endosulfan I  | 6.110  | 5.136  | 97896650 | 127.3E6  | 45.698   | 50.138      |
| 10)                         | B trans-Chl...  | 5.979  | 5.016  | 99984471 | 136.8E6  | 45.138   | 49.397      |
| 11)                         | B cis-Chlor...  | 6.058  | 5.080  | 101.7E6  | 138.6E6  | 44.739   | 48.965      |
| 12)                         | B 4,4'-DDE      | 6.229  | 5.269  | 194.2E6  | 265.1E6  | 94.296   | 101.386     |
| 13)                         | MA Dieldrin     | 6.385  | 5.400  | 213.1E6  | 291.8E6  | 93.782   | 99.071      |
| 14)                         | MA Endrin       | 6.616  | 5.676  | 181.4E6  | 262.6E6  | 95.825   | 104.069     |
| 15)                         | B Endosulfa...  | 6.833  | 5.968  | 181.0E6  | 245.7E6  | 91.265   | 103.263     |
| 16)                         | A 4,4'-DDD      | 6.746  | 5.823  | 158.4E6  | 221.8E6  | 94.227   | 100.431     |
| 17)                         | MA 4,4'-DDT     | 7.061  | 6.075  | 169.6E6  | 229.9E6  | 94.725   | 102.049     |
| 18)                         | B Endrin al...  | 6.963  | 6.147  | 133.2E6  | 179.5E6  | 87.852   | 96.862      |
| 19)                         | B Endosulfa...  | 7.197  | 6.370  | 171.0E6  | 229.2E6  | 88.973   | 99.455      |
| 20)                         | A Methoxychlor  | 7.535  | 6.650  | 418.7E6  | 553.4E6  | 436.456  | 453.879     |
| 21)                         | B Endrin ke...  | 7.684  | 6.876  | 187.4E6  | 265.1E6  | 89.713   | 100.445     |
| 22)                         | Toxaphene-1     | 0.000  | 5.016  | 0        | 136.8E6  | N.D.     | 8859.027    |
| 23)                         | Toxaphene-2     | 0.000  | 5.728  | 0        | 366384   | N.D.     | 22.301      |
| 24)                         | Toxaphene-3     | 7.061f | 6.650  | 169.6E6  | 553.4E6  | 2937.703 | 10575.365 # |
| 25)                         | Toxaphene-4     | 7.197  | 6.724f | 171.0E6  | 2200372  | 3965.174 | 30.638 #    |
| 26)                         | Toxaphene-5     | 7.623  | 7.072  | 3279374  | 405743   | 100.721  | 13.098 #    |
| -----                       |                 |        |        |          |          |          |             |

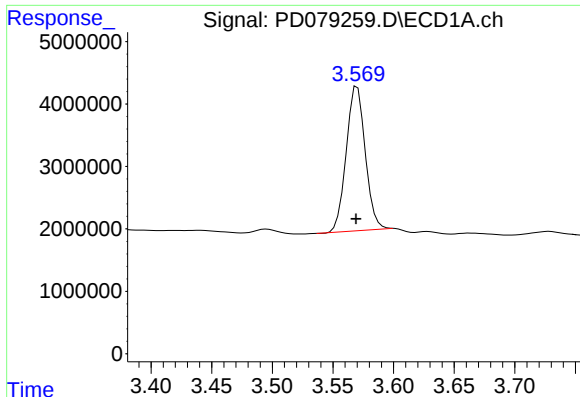
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD103123\  
Data File : PD079259.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Oct 2023 20:05  
Operator : AR\AJ  
Sample : 05057-06MSD  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 21:33:41 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101723CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 17 09:38:01 2023  
Response via : Initial Calibration  
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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

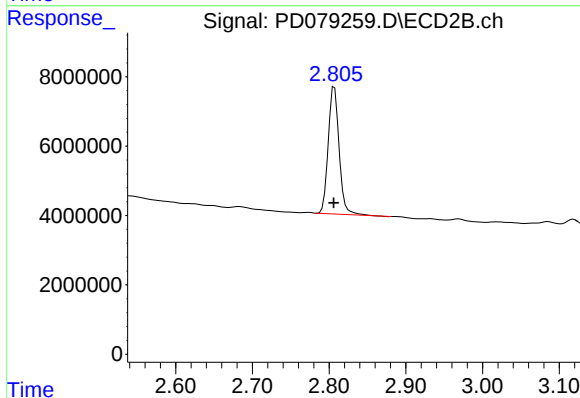




#1 Tetrachloro-m-xylene

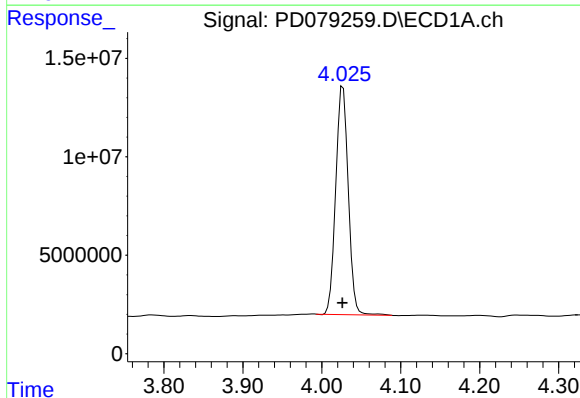
R.T.: 3.570 min  
Delta R.T.: 0.001 min  
Response: 25274079  
Conc: 16.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



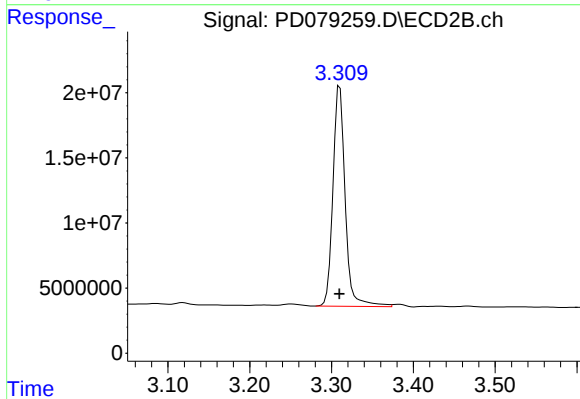
#1 Tetrachloro-m-xylene

R.T.: 2.807 min  
Delta R.T.: 0.000 min  
Response: 36065120  
Conc: 16.63 ng/ml



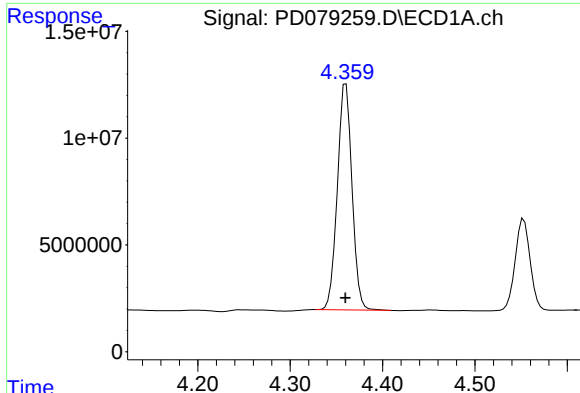
#2 alpha-BHC

R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 127994686  
Conc: 49.12 ng/ml



#2 alpha-BHC

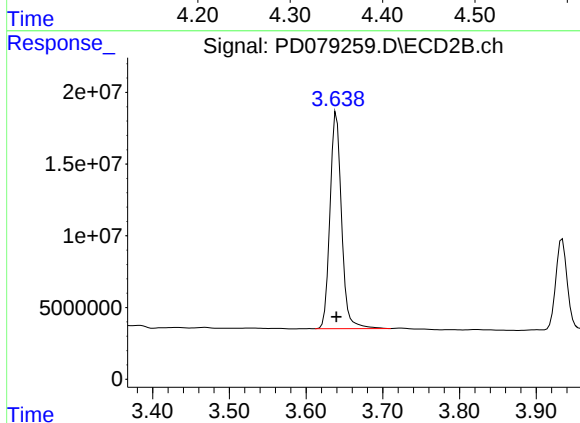
R.T.: 3.310 min  
Delta R.T.: 0.000 min  
Response: 176290676  
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

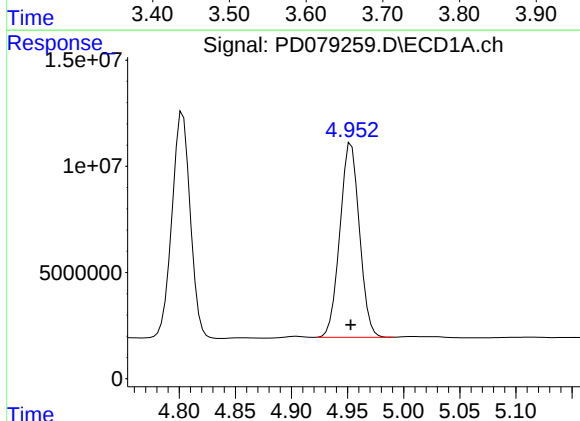
R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 116794715  
Conc: 46.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



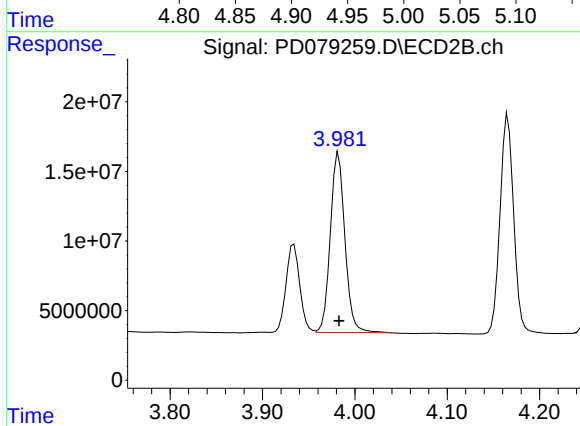
#3 gamma-BHC (Lindane)

R.T.: 3.640 min  
Delta R.T.: 0.000 min  
Response: 157594536  
Conc: 48.76 ng/ml



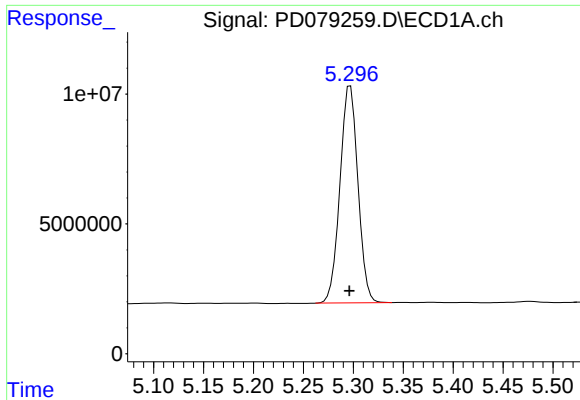
#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: 0.000 min  
Response: 110735734  
Conc: 41.57 ng/ml



#4 Heptachlor

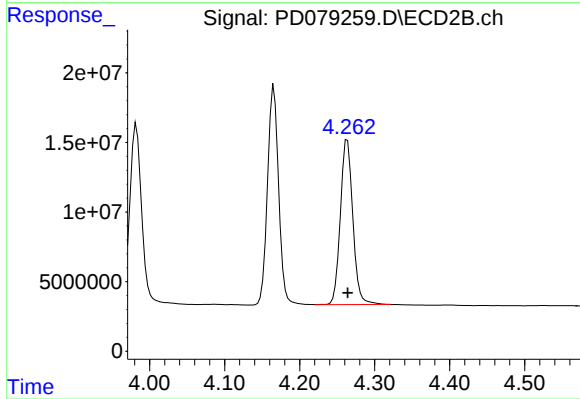
R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 142203047  
Conc: 46.76 ng/ml



#5 Aldrin

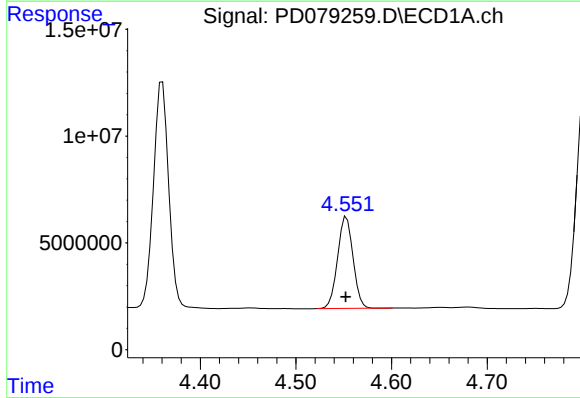
R.T.: 5.297 min  
Delta R.T.: 0.000 min  
Response: 104780740  
Conc: 42.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



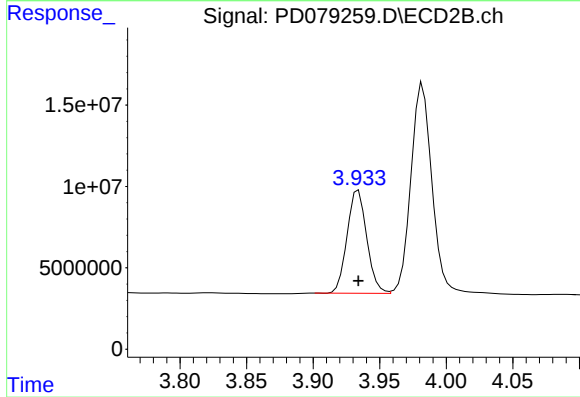
#5 Aldrin

R.T.: 4.264 min  
Delta R.T.: 0.000 min  
Response: 137412426  
Conc: 44.60 ng/ml



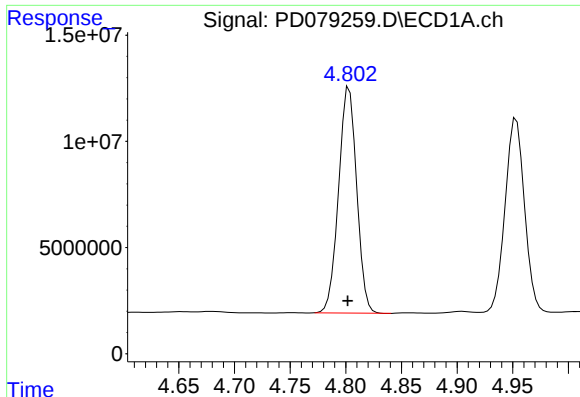
#6 beta-BHC

R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 48392771  
Conc: 42.44 ng/ml



#6 beta-BHC

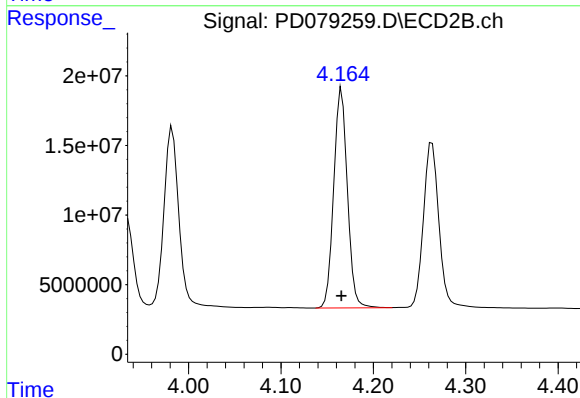
R.T.: 3.934 min  
Delta R.T.: 0.000 min  
Response: 65182481  
Conc: 45.07 ng/ml



#7 delta-BHC

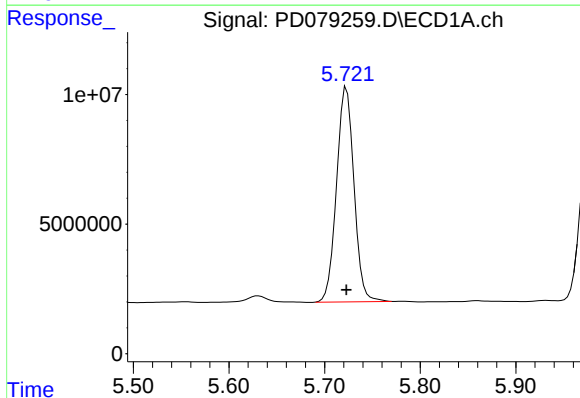
R.T.: 4.803 min  
Delta R.T.: 0.001 min  
Response: 120539844  
Conc: 45.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



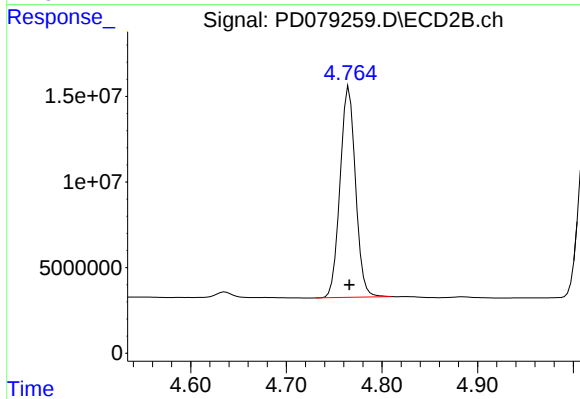
#7 delta-BHC

R.T.: 4.166 min  
Delta R.T.: 0.000 min  
Response: 162294408  
Conc: 49.49 ng/ml



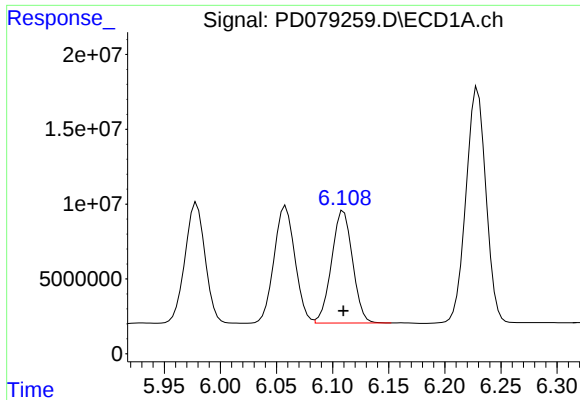
#8 Heptachlor epoxide

R.T.: 5.723 min  
Delta R.T.: 0.000 min  
Response: 105208802  
Conc: 43.81 ng/ml



#8 Heptachlor epoxide

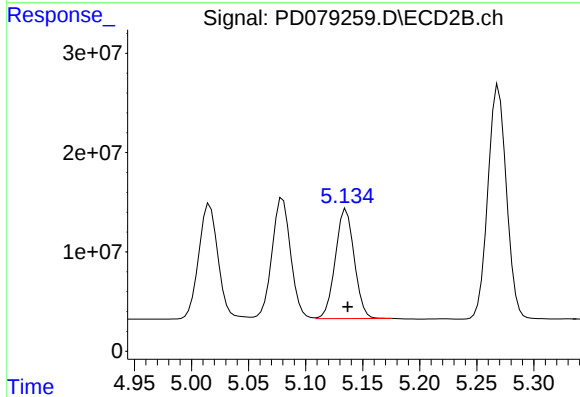
R.T.: 4.766 min  
Delta R.T.: 0.000 min  
Response: 138401994  
Conc: 47.96 ng/ml



#9 Endosulfan I

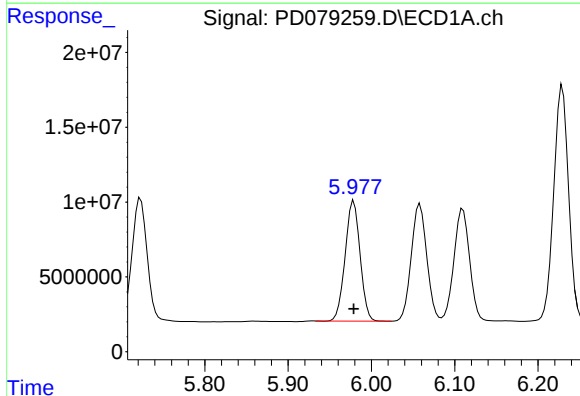
R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 97896650  
Conc: 45.70 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



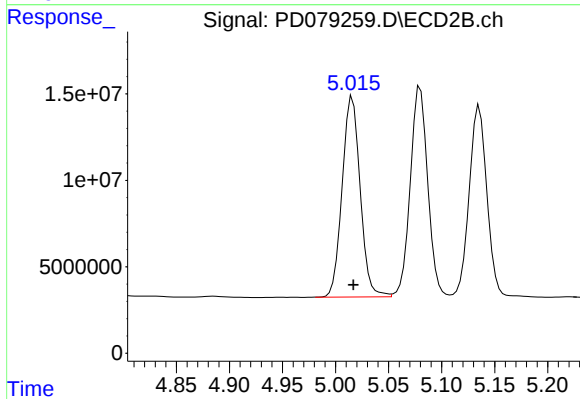
#9 Endosulfan I

R.T.: 5.136 min  
Delta R.T.: -0.001 min  
Response: 127325956  
Conc: 50.14 ng/ml



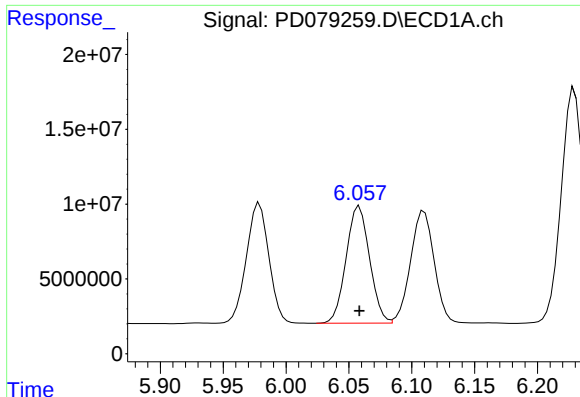
#10 trans-Chlordane

R.T.: 5.979 min  
Delta R.T.: 0.000 min  
Response: 99984471  
Conc: 45.14 ng/ml



#10 trans-Chlordane

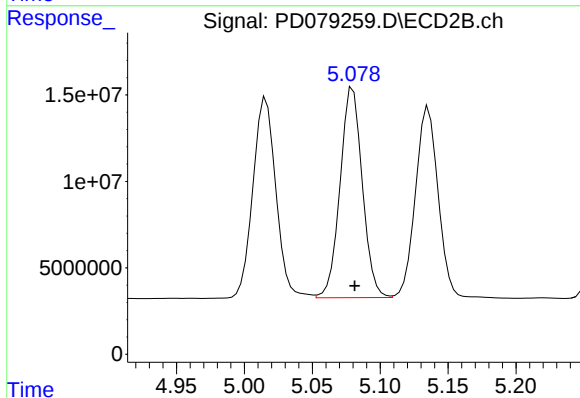
R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 136798805  
Conc: 49.40 ng/ml



#11 cis-Chlordane

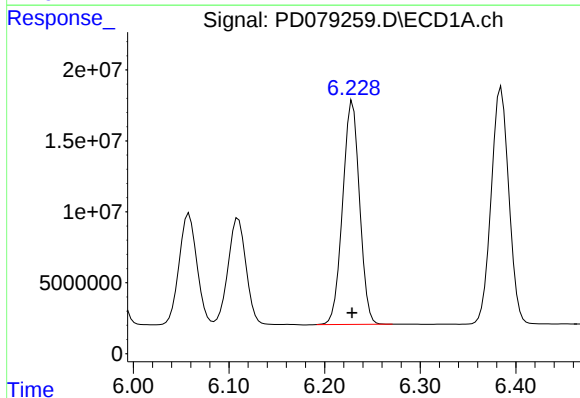
R.T.: 6.058 min  
Delta R.T.: 0.000 min  
Response: 101697954  
Conc: 44.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



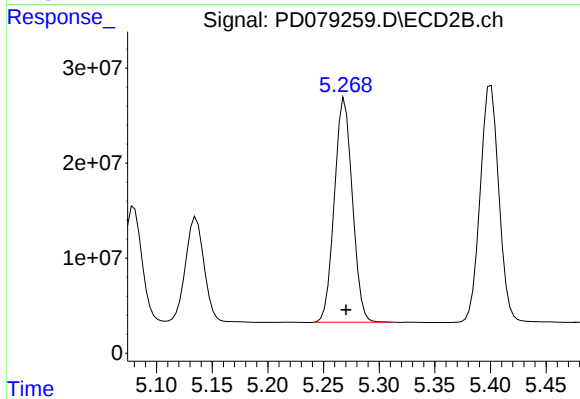
#11 cis-Chlordane

R.T.: 5.080 min  
Delta R.T.: -0.001 min  
Response: 138638699  
Conc: 48.97 ng/ml



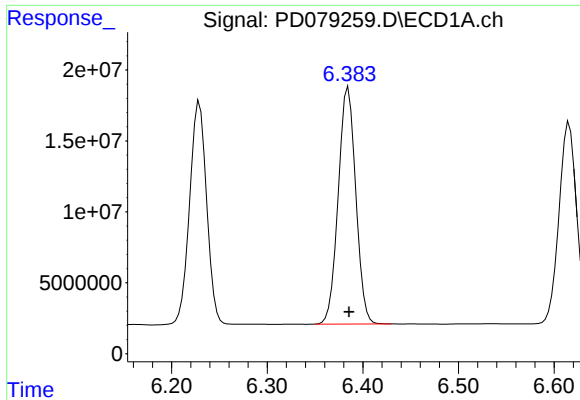
#12 4,4'-DDE

R.T.: 6.229 min  
Delta R.T.: 0.000 min  
Response: 194244508  
Conc: 94.30 ng/ml



#12 4,4'-DDE

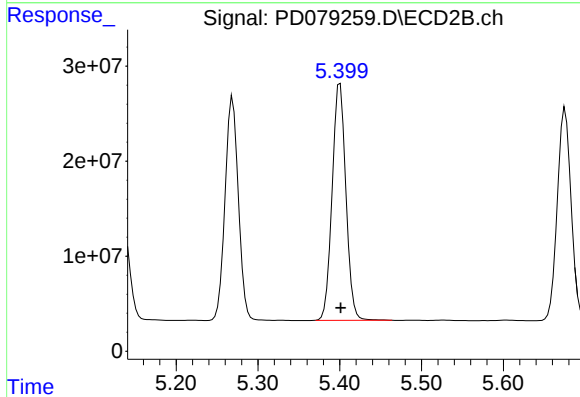
R.T.: 5.269 min  
Delta R.T.: -0.001 min  
Response: 265123394  
Conc: 101.39 ng/ml



#13 Dieldrin

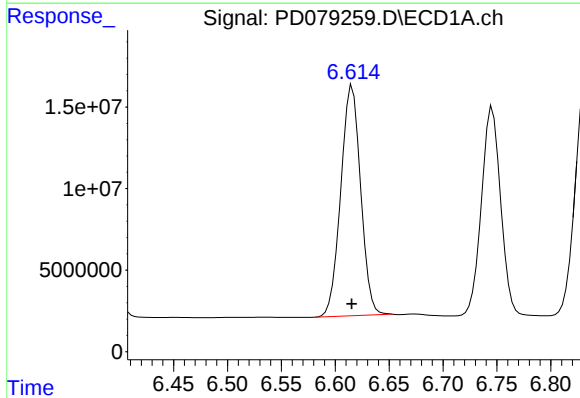
R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 213050489  
Conc: 93.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



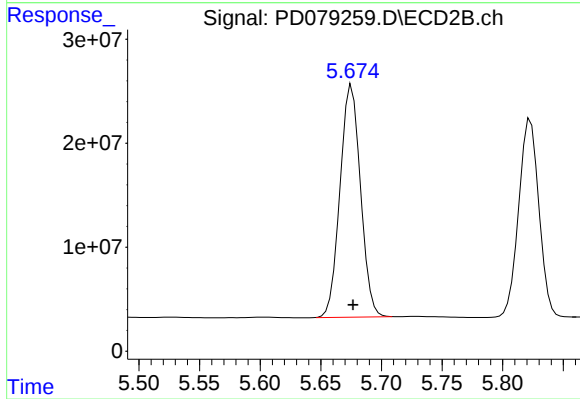
#13 Dieldrin

R.T.: 5.400 min  
Delta R.T.: 0.000 min  
Response: 291796318  
Conc: 99.07 ng/ml



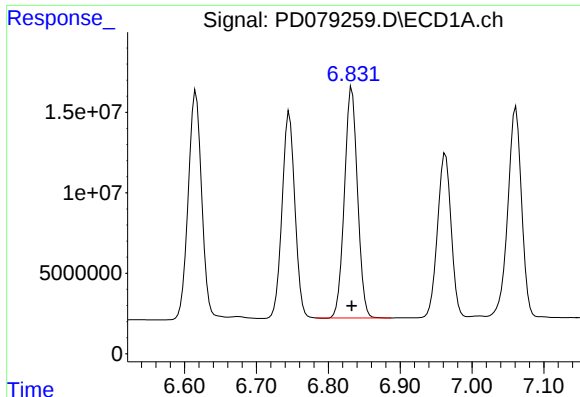
#14 Endrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 181419192  
Conc: 95.82 ng/ml



#14 Endrin

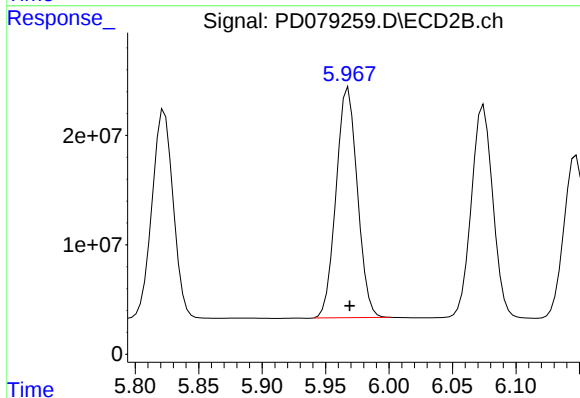
R.T.: 5.676 min  
Delta R.T.: 0.000 min  
Response: 262606889  
Conc: 104.07 ng/ml



#15 Endosulfan II

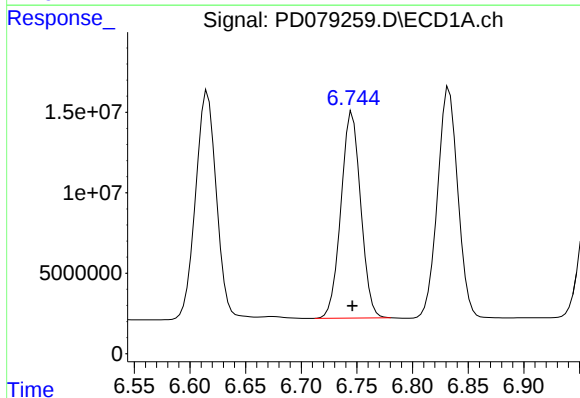
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 180970638  
Conc: 91.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



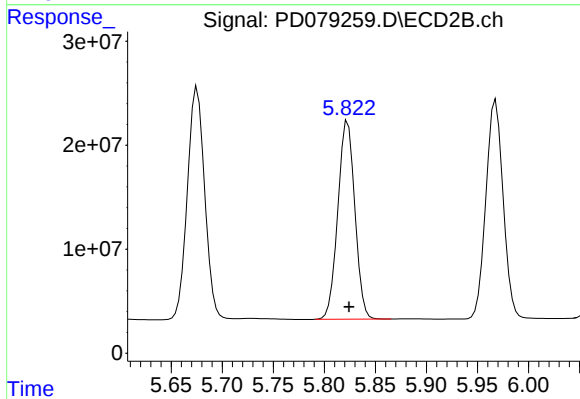
#15 Endosulfan II

R.T.: 5.968 min  
Delta R.T.: -0.001 min  
Response: 245707919  
Conc: 103.26 ng/ml



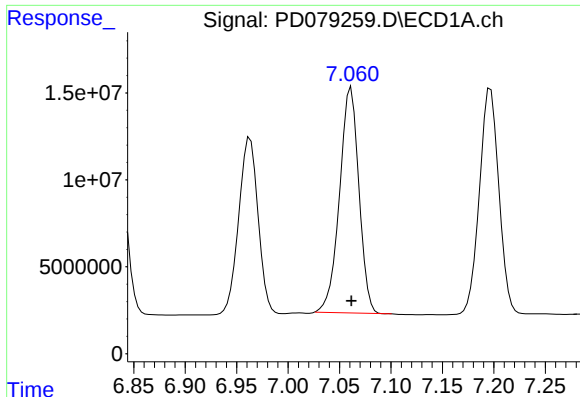
#16 4,4'-DDD

R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 158382430  
Conc: 94.23 ng/ml



#16 4,4'-DDD

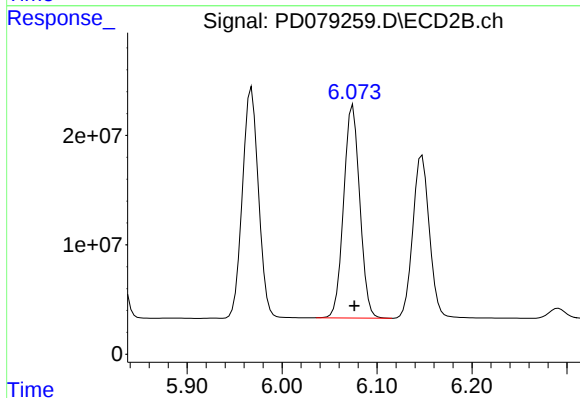
R.T.: 5.823 min  
Delta R.T.: -0.001 min  
Response: 221830069  
Conc: 100.43 ng/ml



#17 4,4'-DDT

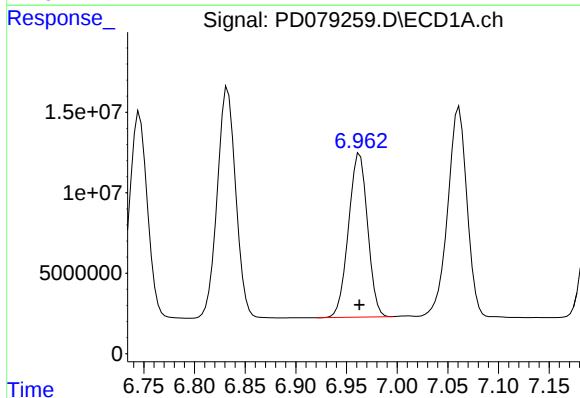
R.T.: 7.061 min  
Delta R.T.: 0.000 min  
Response: 169609206  
Conc: 94.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



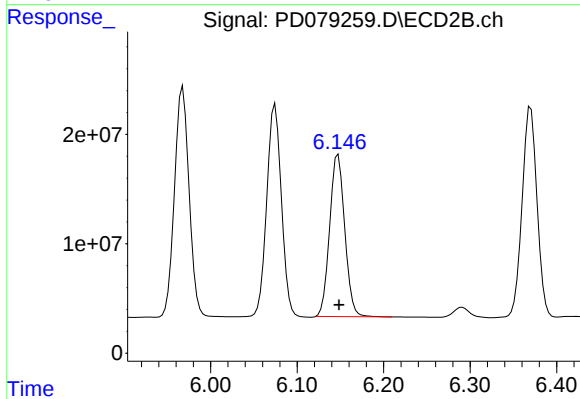
#17 4,4'-DDT

R.T.: 6.075 min  
Delta R.T.: -0.002 min  
Response: 229914534  
Conc: 102.05 ng/ml



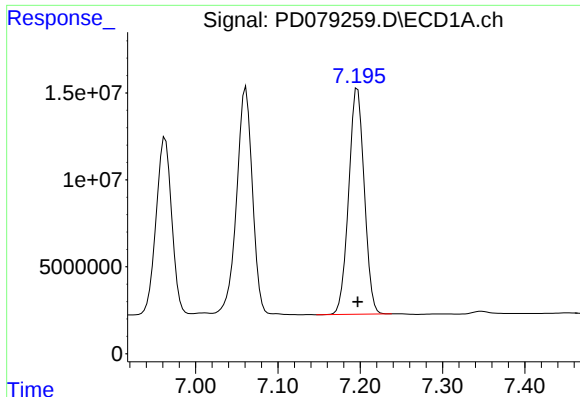
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 133247791  
Conc: 87.85 ng/ml



#18 Endrin aldehyde

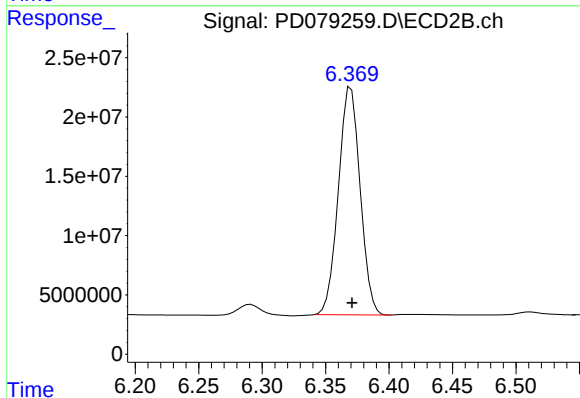
R.T.: 6.147 min  
Delta R.T.: -0.001 min  
Response: 179495598  
Conc: 96.86 ng/ml



#19 Endosulfan Sulfate

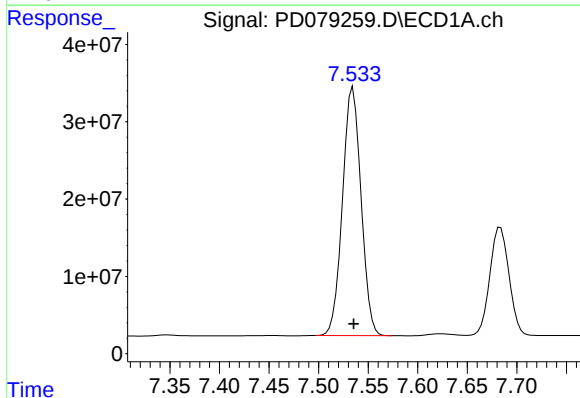
R.T.: 7.197 min  
Delta R.T.: 0.000 min  
Response: 170985388  
Conc: 88.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



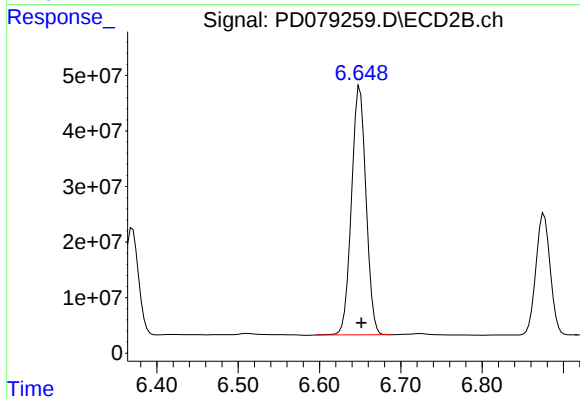
#19 Endosulfan Sulfate

R.T.: 6.370 min  
Delta R.T.: 0.000 min  
Response: 229220992  
Conc: 99.46 ng/ml



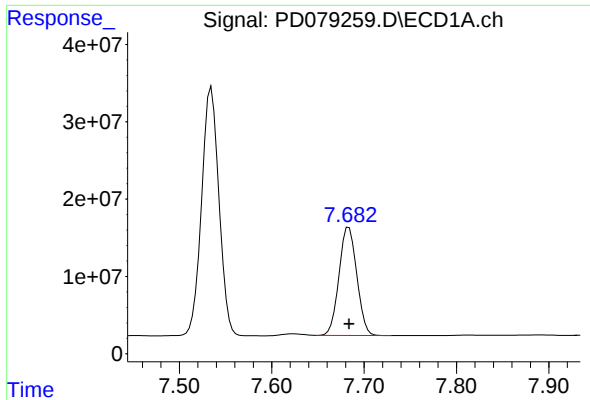
#20 Methoxychlor

R.T.: 7.535 min  
Delta R.T.: 0.000 min  
Response: 418691331  
Conc: 436.46 ng/ml



#20 Methoxychlor

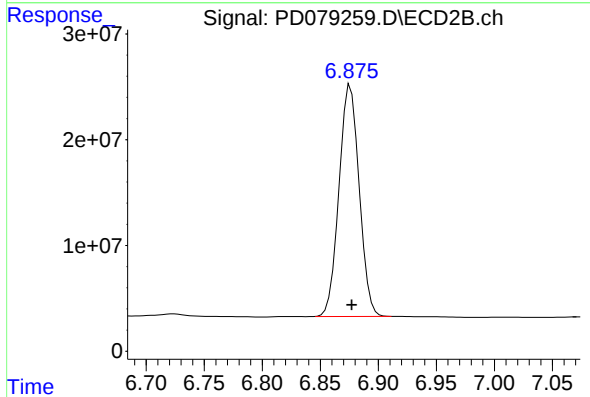
R.T.: 6.650 min  
Delta R.T.: -0.002 min  
Response: 553413486  
Conc: 453.88 ng/ml



#21 Endrin ketone

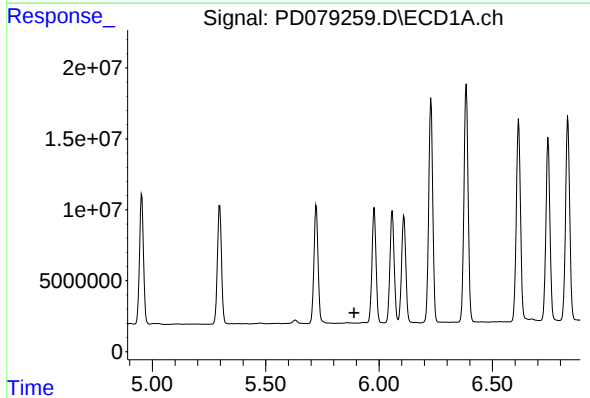
R.T.: 7.684 min  
Delta R.T.: 0.000 min  
Response: 187438575  
Conc: 89.71 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



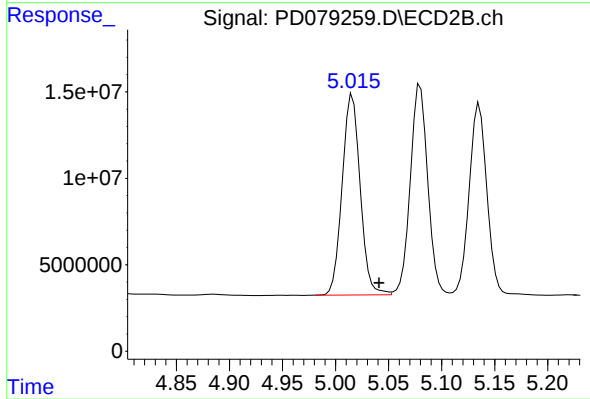
#21 Endrin ketone

R.T.: 6.876 min  
Delta R.T.: -0.001 min  
Response: 265087728  
Conc: 100.45 ng/ml



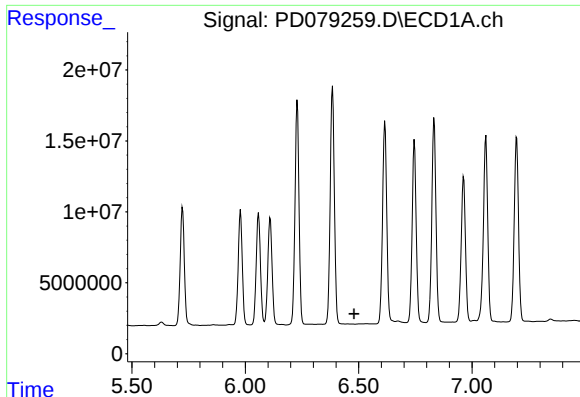
#22 Toxaphene-1

R.T.: 0.000 min  
Exp R.T. : 5.890 min  
Response: 0  
Conc: N.D.



#22 Toxaphene-1

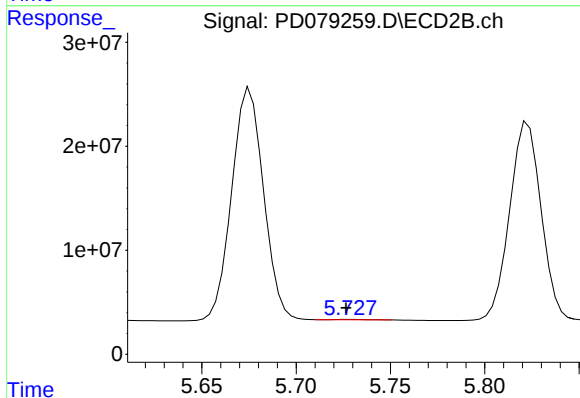
R.T.: 5.016 min  
Delta R.T.: -0.025 min  
Response: 136798805  
Conc: 8859.03 ng/ml



#23 Toxaphene-2

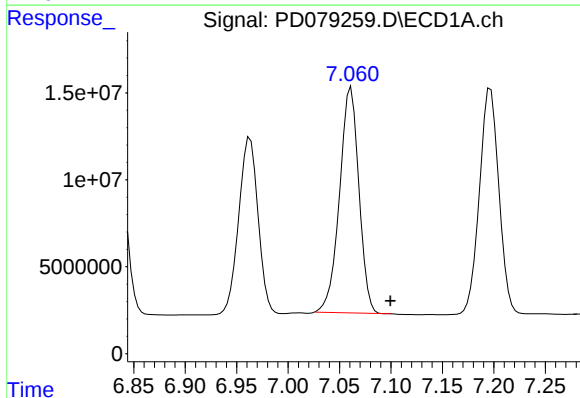
R.T.: 0.000 min  
Exp R.T.: 6.480 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



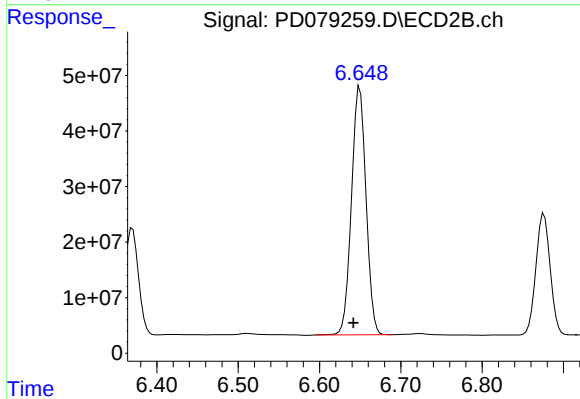
#23 Toxaphene-2

R.T.: 5.728 min  
Delta R.T.: 0.002 min  
Response: 366384  
Conc: 22.30 ng/ml



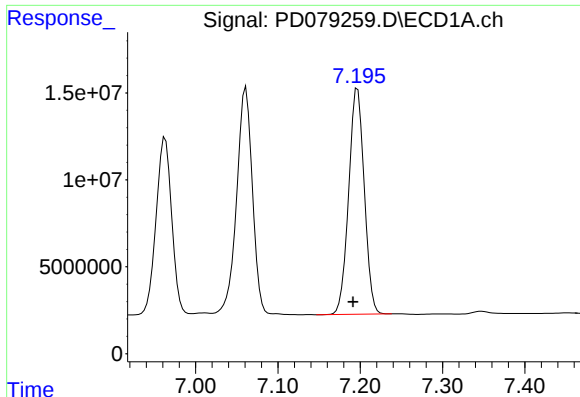
#24 Toxaphene-3

R.T.: 7.061 min  
Delta R.T.: -0.038 min  
Response: 169609206  
Conc: 2937.70 ng/ml



#24 Toxaphene-3

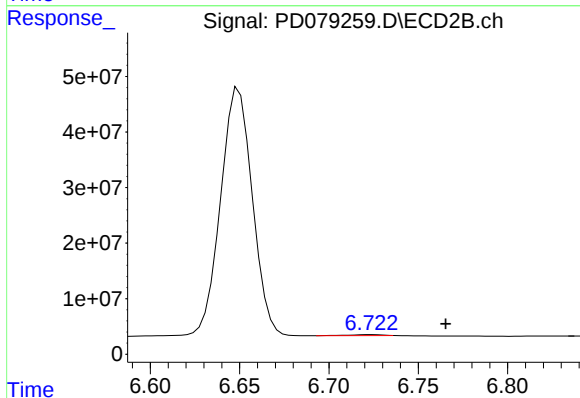
R.T.: 6.650 min  
Delta R.T.: 0.008 min  
Response: 553413486  
Conc: 10575.36 ng/ml



#25 Toxaphene-4

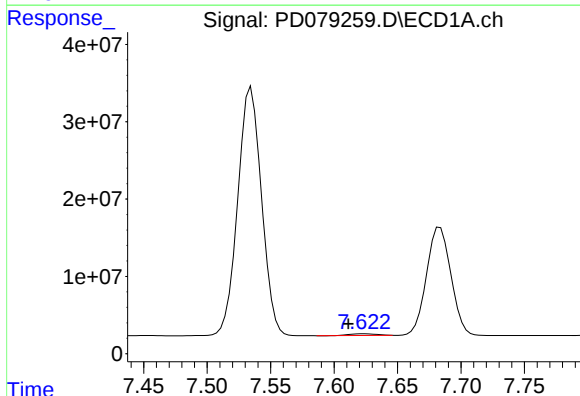
R.T.: 7.197 min  
Delta R.T.: 0.006 min  
Response: 170985388  
Conc: 3965.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



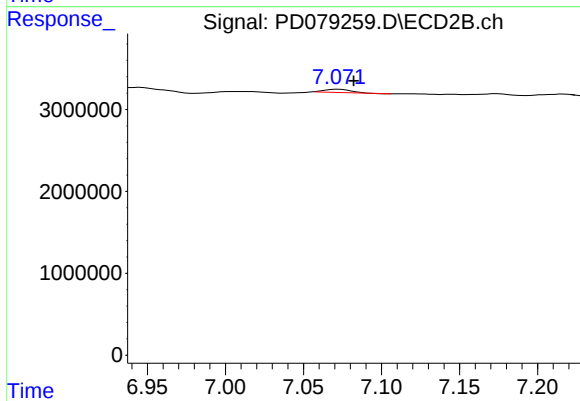
#25 Toxaphene-4

R.T.: 6.724 min  
Delta R.T.: -0.042 min  
Response: 2200372  
Conc: 30.64 ng/ml



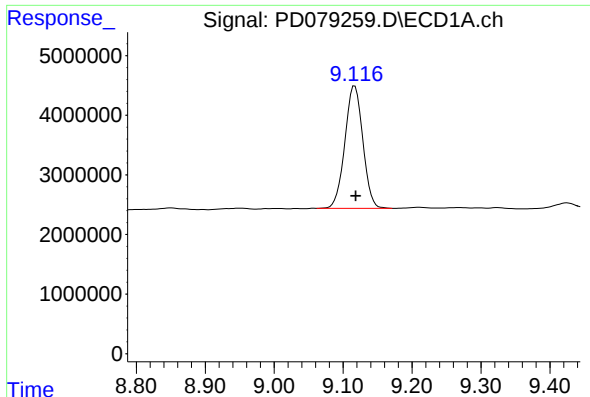
#26 Toxaphene-5

R.T.: 7.623 min  
Delta R.T.: 0.012 min  
Response: 3279374  
Conc: 100.72 ng/ml



#26 Toxaphene-5

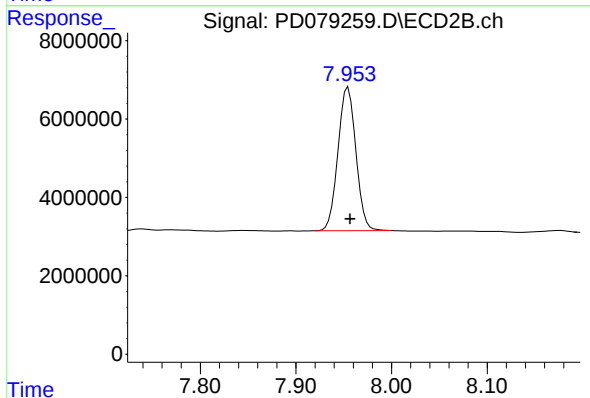
R.T.: 7.072 min  
Delta R.T.: -0.010 min  
Response: 405743  
Conc: 13.10 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.117 min  
Delta R.T.: -0.001 min  
Response: 37221115  
Conc: 19.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.955 min  
Delta R.T.: -0.002 min  
Response: 47731191  
Conc: 20.47 ng/ml