

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD110425\  
 Data File : PD090957-01.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2025 16:58  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

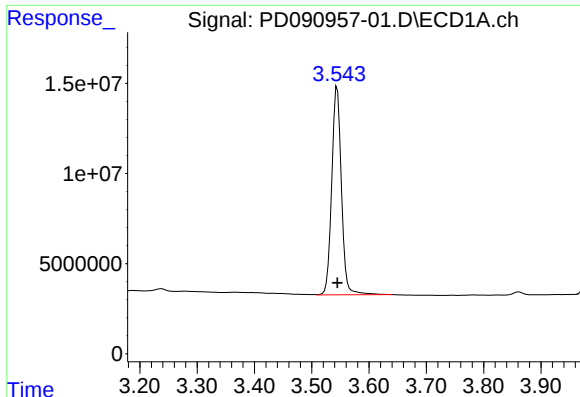
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 00:35:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 17:43:28 2025  
 Response via : Initial Calibration  
 Integrator: 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... | 3.544  | 2.874 | 135.7E6  | 1281.4E6 | 43.560   | 43.033     |
| 28)                         | SA Decachlor... | 9.064  | 8.059 | 189.5E6  | 1154.4E6 | 40.516   | 38.108     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.386 | 325.8E6  | 2250.8E6 | 45.392   | 44.050     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.722 | 304.1E6  | 2061.6E6 | 44.728   | 43.633     |
| 4)                          | MA Heptachlor   | 4.922  | 4.074 | 305.5E6  | 2056.6E6 | 54.659   | 46.109     |
| 5)                          | MB Aldrin       | 5.263  | 4.359 | 295.1E6  | 2027.1E6 | 45.071   | 43.765     |
| 6)                          | B beta-BHC      | 4.511  | 4.018 | 114.8E6  | 864.0E6  | 43.809   | 43.569     |
| 7)                          | B delta-BHC     | 4.759  | 4.254 | 306.5E6  | 2104.6E6 | 45.333   | 44.106     |
| 8)                          | B Heptachlo...  | 5.683  | 4.862 | 274.4E6  | 1851.9E6 | 47.405   | 43.433     |
| 9)                          | A Endosulfan I  | 6.067  | 5.236 | 250.5E6  | 1662.9E6 | 45.250   | 42.215     |
| 10)                         | B gamma-Chl...  | 5.938  | 5.115 | 259.8E6  | 1954.3E6 | 43.807   | 43.478     |
| 11)                         | B alpha-Chl...  | 6.019  | 5.179 | 295.4E6  | 1873.4E6 | 47.796   | 43.429     |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.364 | 232.9E6  | 1938.4E6 | 43.722   | 44.216     |
| 13)                         | MA Dieldrin     | 6.340  | 5.501 | 262.4E6  | 1949.2E6 | 45.001   | 44.115     |
| 14)                         | MA Endrin       | 6.567  | 5.778 | 224.0E6  | 1845.8E6 | 45.211   | 45.583     |
| 15)                         | B Endosulfa...  | 6.780  | 6.070 | 221.1E6  | 1644.6E6 | 44.211   | 43.792     |
| 16)                         | A 4,4'-DDD      | 6.699  | 5.918 | 189.4E6  | 1638.8E6 | 46.727   | 44.975     |
| 17)                         | MA 4,4'-DDT     | 7.015  | 6.172 | 182.0E6  | 1535.8E6 | 44.286   | 43.789     |
| 18)                         | B Endrin al...  | 6.908  | 6.248 | 157.6E6  | 1169.3E6 | 43.041   | 42.225     |
| 19)                         | B Endosulfa...  | 7.143  | 6.472 | 197.4E6  | 1516.2E6 | 42.550   | 42.300     |
| 20)                         | A Methoxychlor  | 7.487  | 6.742 | 94733392 | 757.4E6  | 44.568   | 43.462     |
| 21)                         | B Endrin ke...  | 7.624  | 6.980 | 206.0E6  | 1502.4E6 | 42.398   | 39.834     |
| 22)                         | Mirex           | 8.106  | 7.173 | 131.4E6  | 1063.5E6 | 41.061   | 41.395     |
| 23)                         | Chlordane-1     | 0.000  | 3.889 | 0        | 1797101  | N.D.     | 1.442 #    |
| 24)                         | Chlordane-2     | 5.263f | 4.496 | 295.1E6  | 52754495 | 1527.951 | 40.440 #   |
| 25)                         | Chlordane-3     | 5.938  | 5.115 | 259.8E6  | 1954.3E6 | 340.643  | 502.179 #  |
| 26)                         | Chlordane-4     | 6.019  | 5.179 | 295.4E6  | 1873.4E6 | 304.875  | 560.694 #  |
| 27)                         | Chlordane-5     | 6.856  | 6.070 | 1237402  | 1644.6E6 | 8.235    | 1114.234 # |
| -----                       |                 |        |       |          |          |          |            |

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

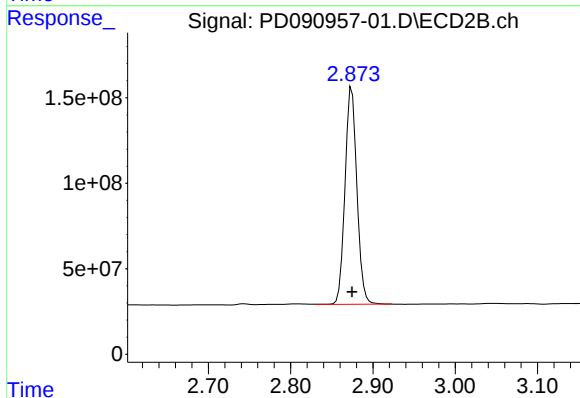




#1 Tetrachloro-m-xylene

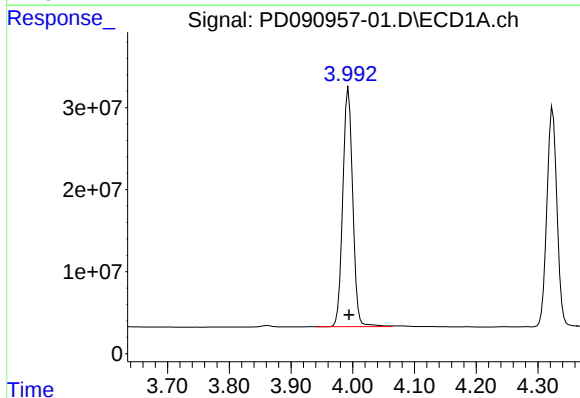
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 135651620  
Conc: 43.56 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



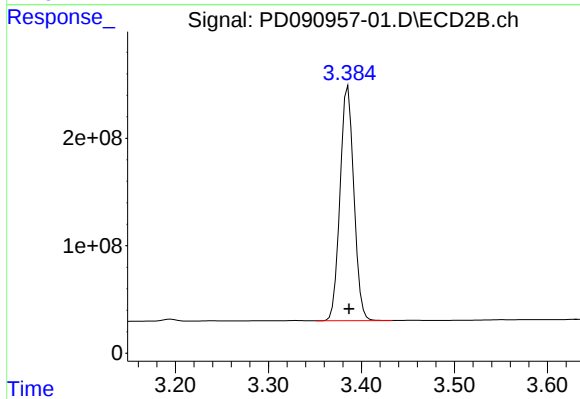
#1 Tetrachloro-m-xylene

R.T.: 2.874 min  
Delta R.T.: 0.000 min  
Response: 1281413386  
Conc: 43.03 ng/ml



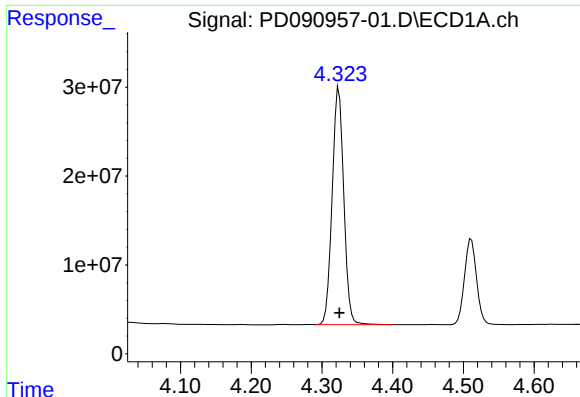
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 325786802  
Conc: 45.39 ng/ml



#2 alpha-BHC

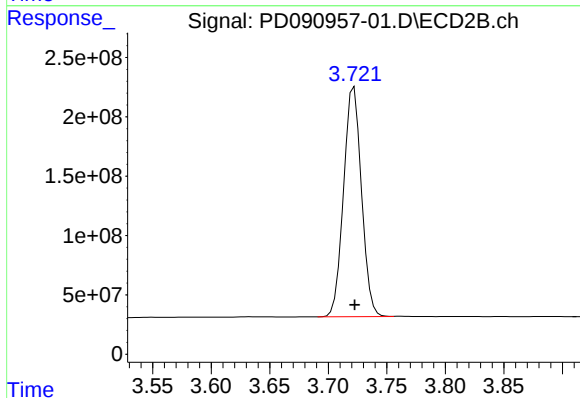
R.T.: 3.386 min  
Delta R.T.: 0.000 min  
Response: 2250762191  
Conc: 44.05 ng/ml



#3 gamma-BHC (Lindane)

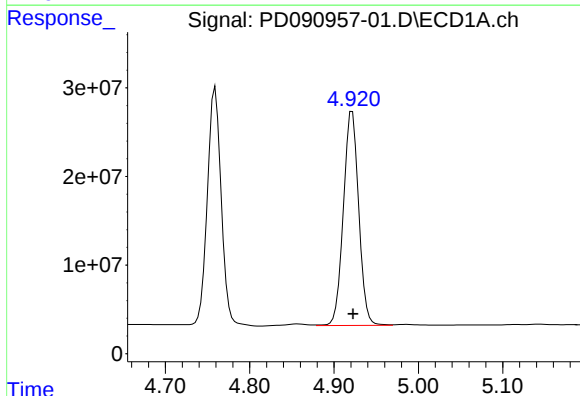
R.T.: 4.324 min  
Delta R.T.: -0.001 min  
Response: 304094871  
Conc: 44.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



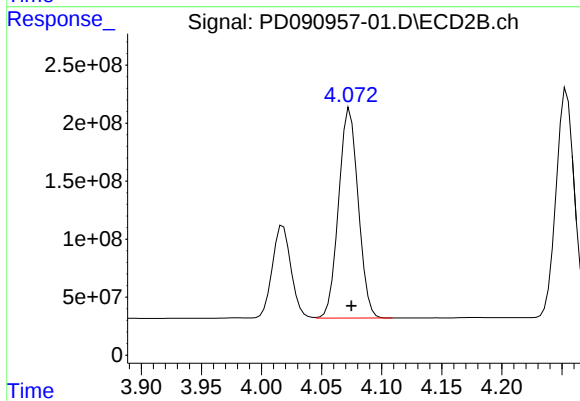
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: 0.000 min  
Response: 2061597526  
Conc: 43.63 ng/ml



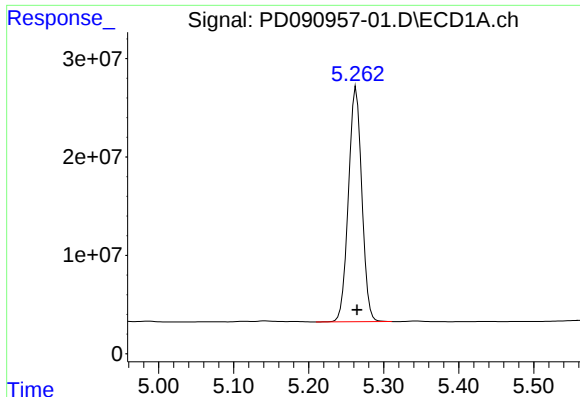
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: -0.001 min  
Response: 305520896  
Conc: 54.66 ng/ml



#4 Heptachlor

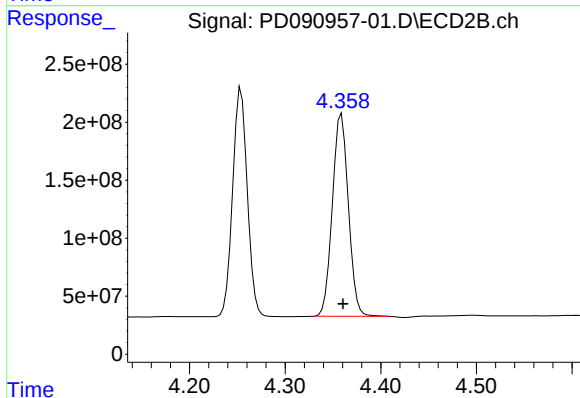
R.T.: 4.074 min  
Delta R.T.: -0.001 min  
Response: 2056590003  
Conc: 46.11 ng/ml



#5 Aldrin

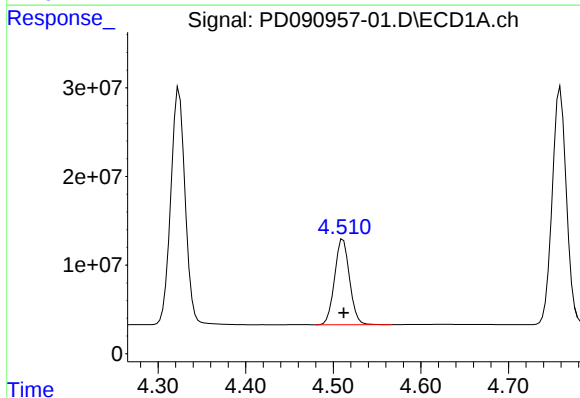
R.T.: 5.263 min  
Delta R.T.: 0.000 min  
Response: 295092777  
Conc: 45.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



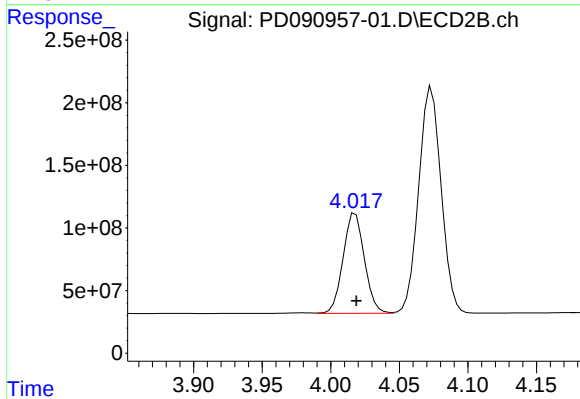
#5 Aldrin

R.T.: 4.359 min  
Delta R.T.: -0.002 min  
Response: 2027137269  
Conc: 43.76 ng/ml



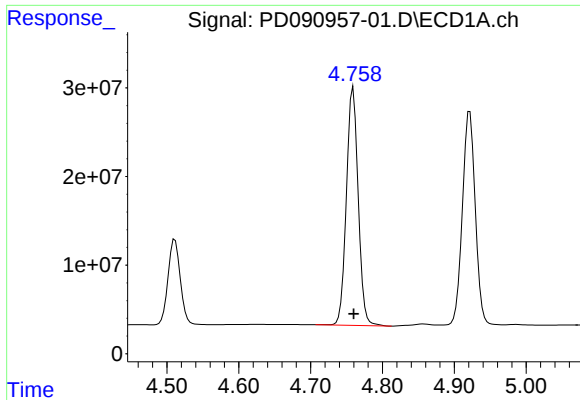
#6 beta-BHC

R.T.: 4.511 min  
Delta R.T.: 0.000 min  
Response: 114762279  
Conc: 43.81 ng/ml



#6 beta-BHC

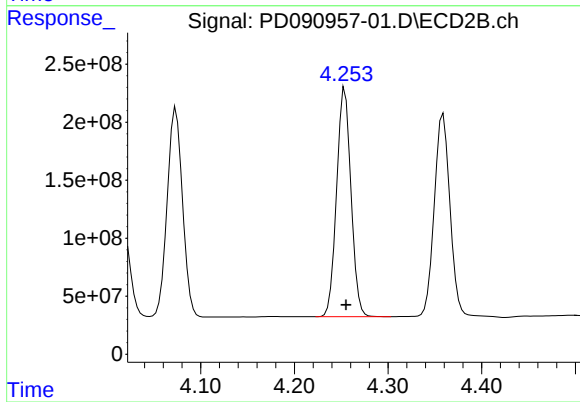
R.T.: 4.018 min  
Delta R.T.: 0.000 min  
Response: 863956575  
Conc: 43.57 ng/ml



#7 delta-BHC

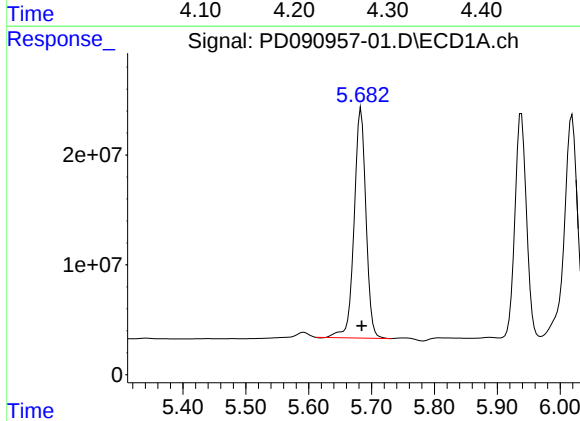
R.T.: 4.759 min  
Delta R.T.: 0.000 min  
Response: 306531673  
Conc: 45.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



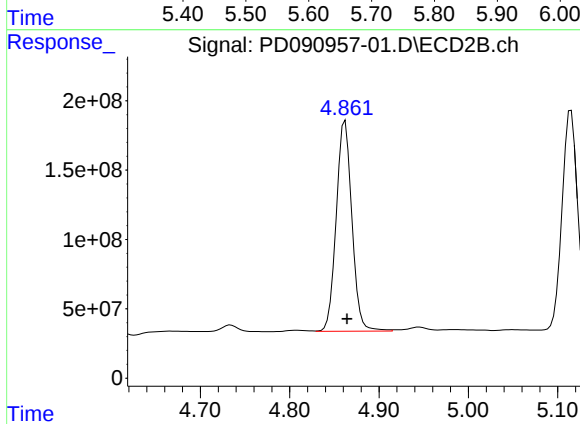
#7 delta-BHC

R.T.: 4.254 min  
Delta R.T.: -0.001 min  
Response: 2104579818  
Conc: 44.11 ng/ml



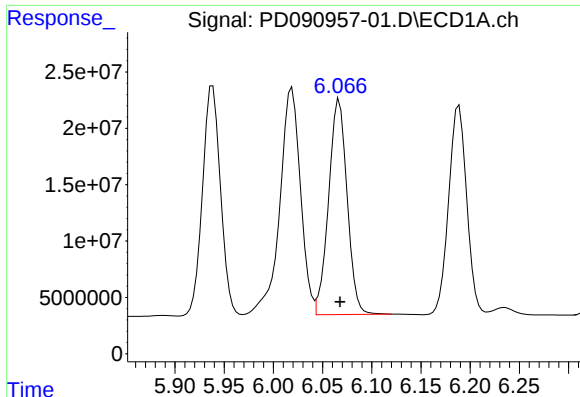
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.001 min  
Response: 274432266  
Conc: 47.41 ng/ml



#8 Heptachlor epoxide

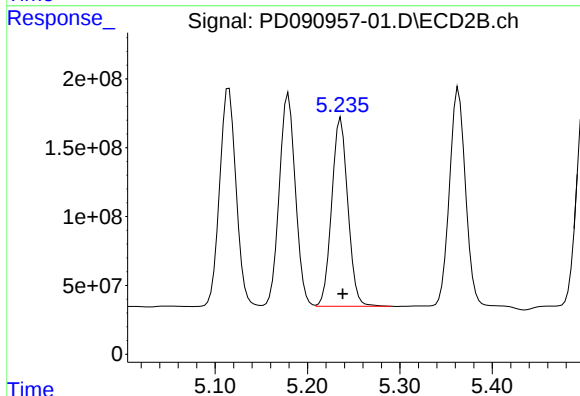
R.T.: 4.862 min  
Delta R.T.: -0.002 min  
Response: 1851927927  
Conc: 43.43 ng/ml



#9 Endosulfan I

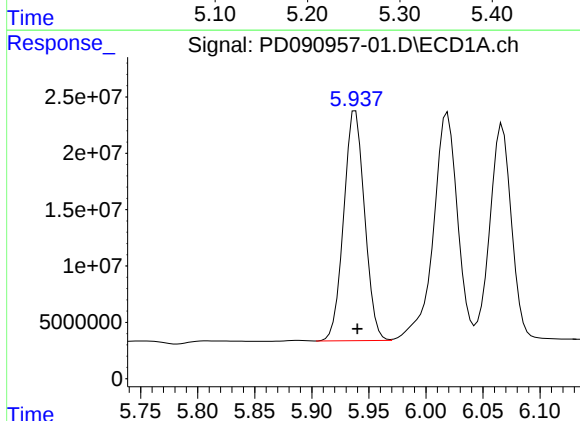
R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 250534876  
Conc: 45.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



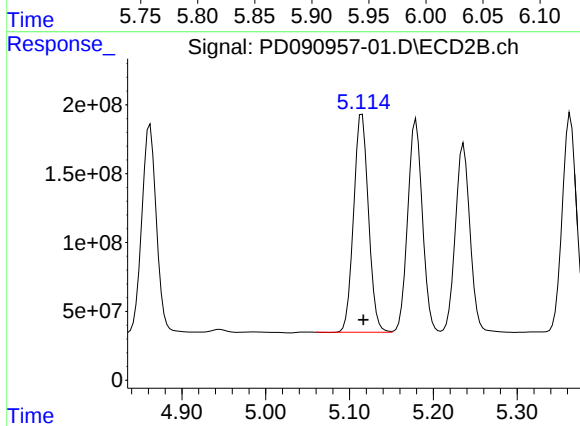
#9 Endosulfan I

R.T.: 5.236 min  
Delta R.T.: -0.002 min  
Response: 1662855111  
Conc: 42.21 ng/ml



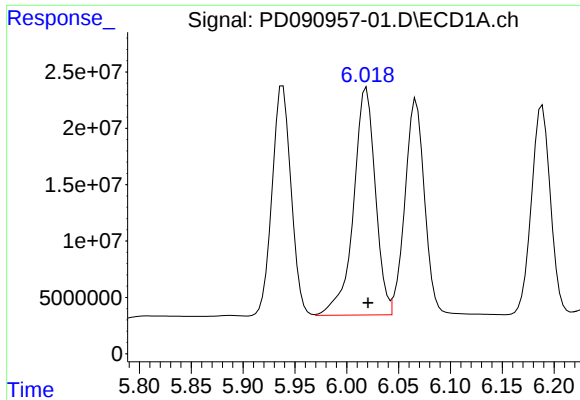
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: -0.002 min  
Response: 259829242  
Conc: 43.81 ng/ml



#10 gamma-Chlordane

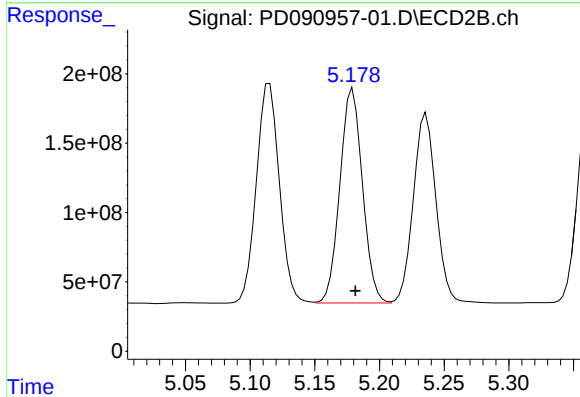
R.T.: 5.115 min  
Delta R.T.: -0.002 min  
Response: 1954266039  
Conc: 43.48 ng/ml



#11 alpha-Chlordane

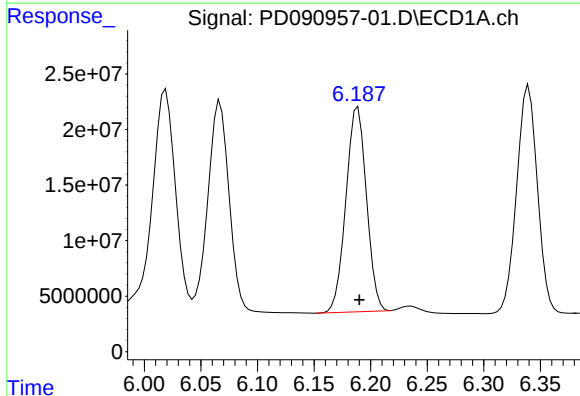
R.T.: 6.019 min  
Delta R.T.: -0.002 min  
Response: 295388918  
Conc: 47.80 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



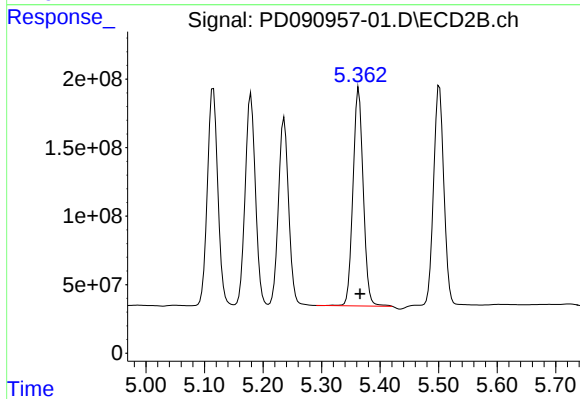
#11 alpha-Chlordane

R.T.: 5.179 min  
Delta R.T.: -0.002 min  
Response: 1873411306  
Conc: 43.43 ng/ml



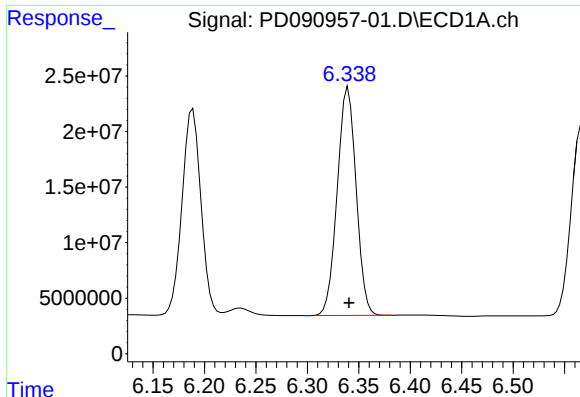
#12 4,4'-DDE

R.T.: 6.189 min  
Delta R.T.: -0.001 min  
Response: 232891433  
Conc: 43.72 ng/ml



#12 4,4'-DDE

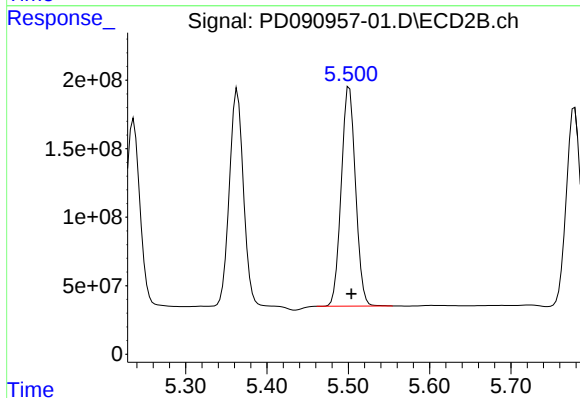
R.T.: 5.364 min  
Delta R.T.: -0.002 min  
Response: 1938368591  
Conc: 44.22 ng/ml



#13 Dieldrin

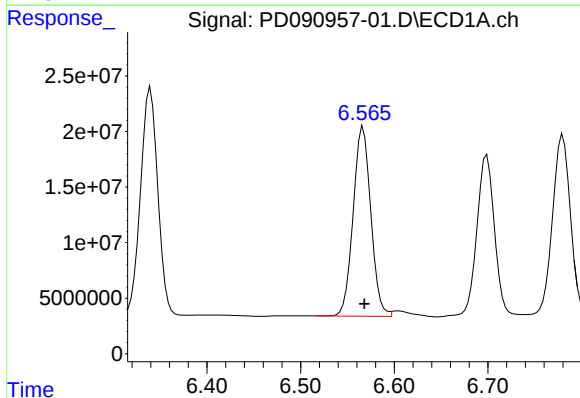
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 262418652  
Conc: 45.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



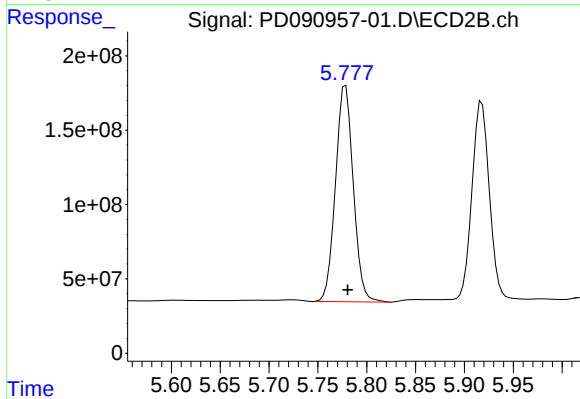
#13 Dieldrin

R.T.: 5.501 min  
Delta R.T.: -0.002 min  
Response: 1949168910  
Conc: 44.11 ng/ml



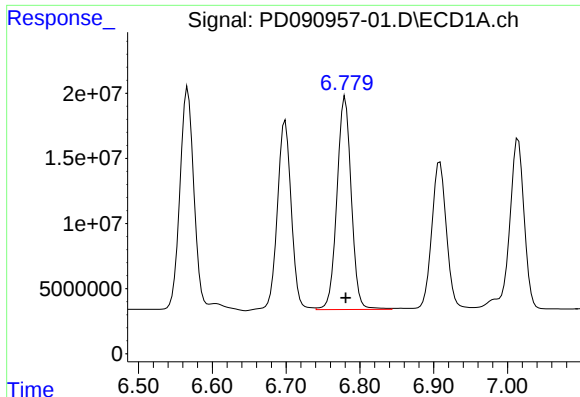
#14 Endrin

R.T.: 6.567 min  
Delta R.T.: -0.001 min  
Response: 223962793  
Conc: 45.21 ng/ml



#14 Endrin

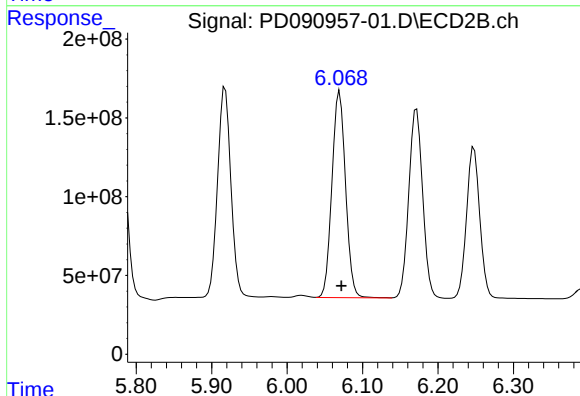
R.T.: 5.778 min  
Delta R.T.: -0.002 min  
Response: 1845819461  
Conc: 45.58 ng/ml



#15 Endosulfan II

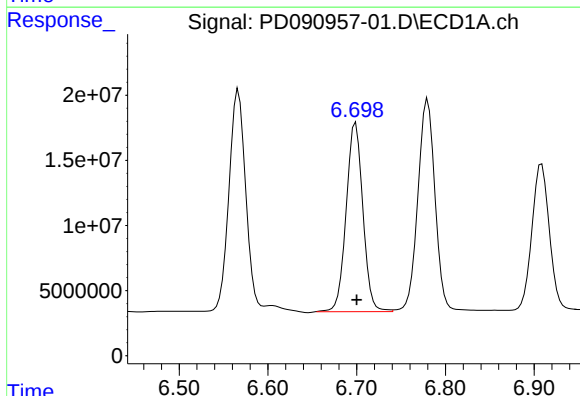
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 221052137  
Conc: 44.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



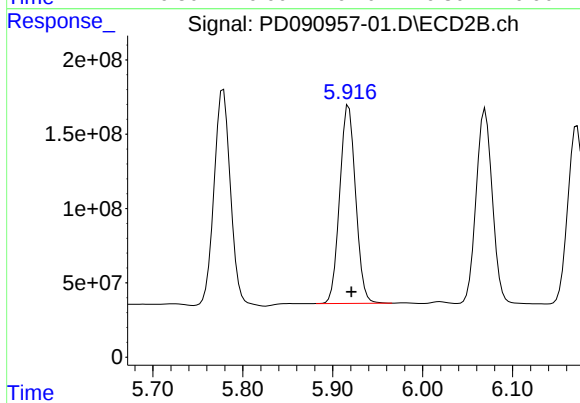
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.002 min  
Response: 1644646512  
Conc: 43.79 ng/ml



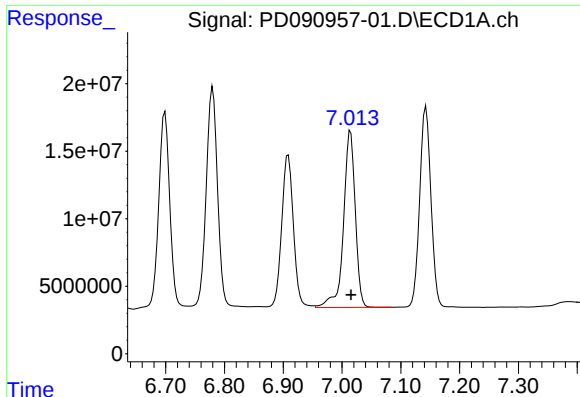
#16 4,4'-DDD

R.T.: 6.699 min  
Delta R.T.: -0.001 min  
Response: 189442985  
Conc: 46.73 ng/ml



#16 4,4'-DDD

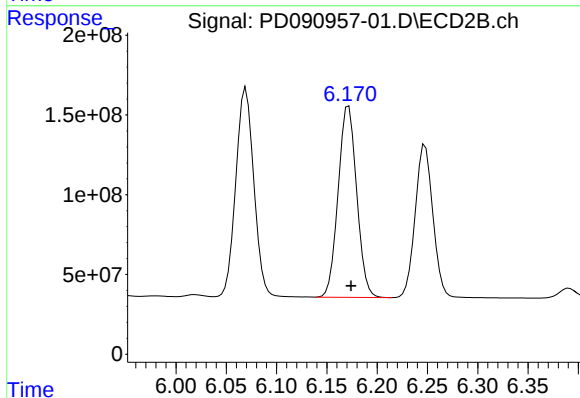
R.T.: 5.918 min  
Delta R.T.: -0.003 min  
Response: 1638792522  
Conc: 44.97 ng/ml



#17 4,4'-DDT

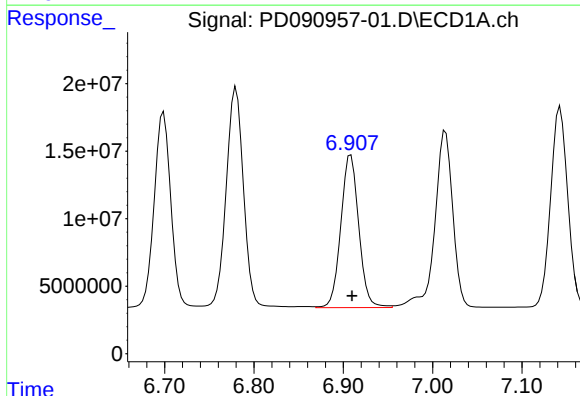
R.T.: 7.015 min  
Delta R.T.: 0.000 min  
Response: 182034627  
Conc: 44.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



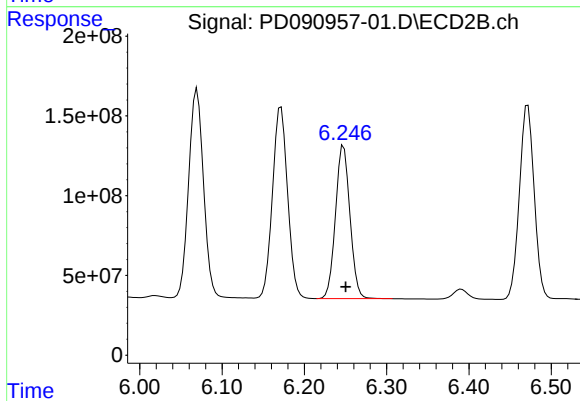
#17 4,4'-DDT

R.T.: 6.172 min  
Delta R.T.: -0.002 min  
Response: 1535805994  
Conc: 43.79 ng/ml



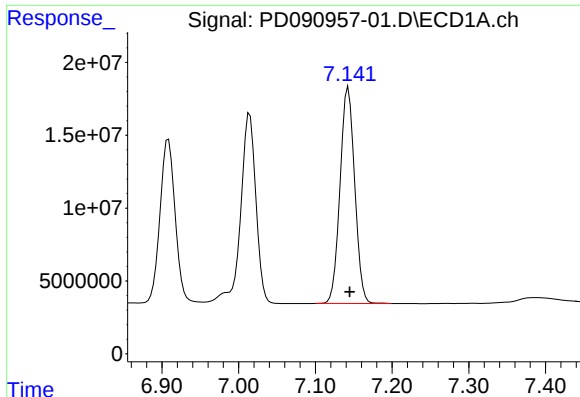
#18 Endrin aldehyde

R.T.: 6.908 min  
Delta R.T.: -0.001 min  
Response: 157644946  
Conc: 43.04 ng/ml



#18 Endrin aldehyde

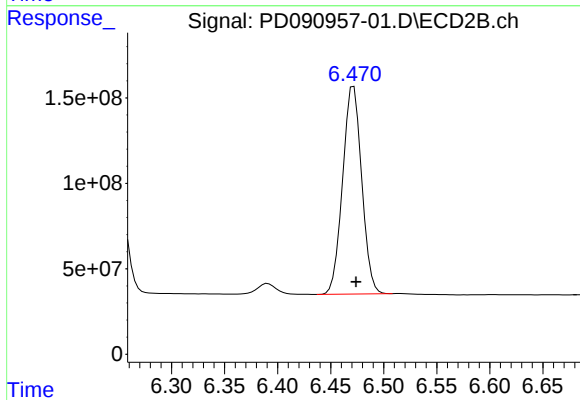
R.T.: 6.248 min  
Delta R.T.: -0.003 min  
Response: 1169324350  
Conc: 42.22 ng/ml



#19 Endosulfan Sulfate

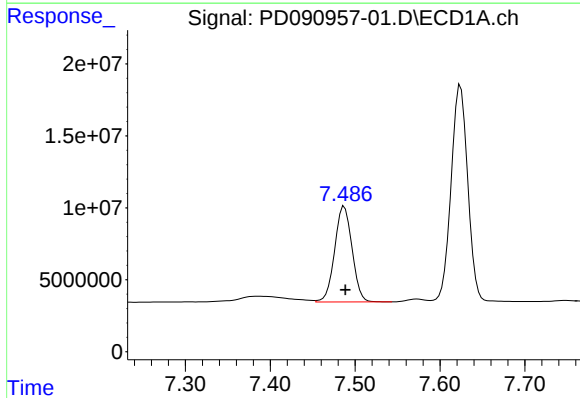
R.T.: 7.143 min  
Delta R.T.: -0.002 min  
Response: 197356888  
Conc: 42.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



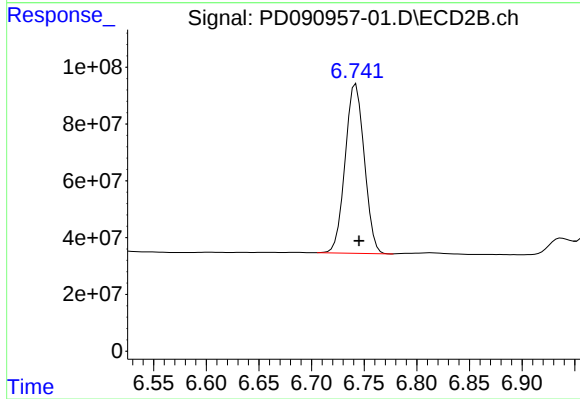
#19 Endosulfan Sulfate

R.T.: 6.472 min  
Delta R.T.: -0.002 min  
Response: 1516228377  
Conc: 42.30 ng/ml



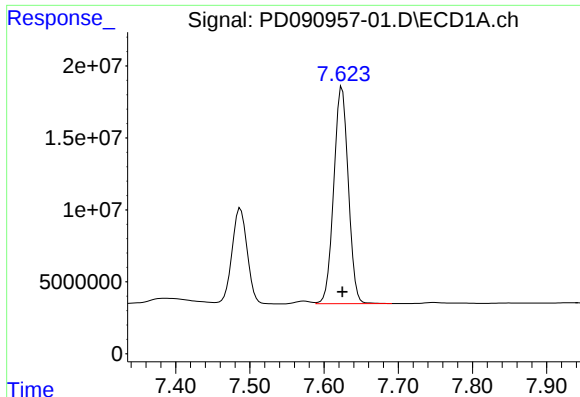
#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 94733392  
Conc: 44.57 ng/ml



#20 Methoxychlor

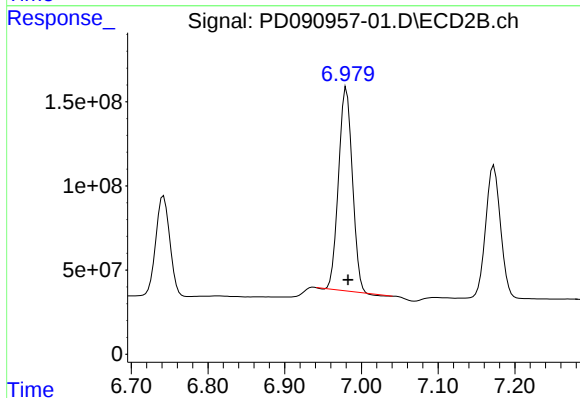
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 757447683  
Conc: 43.46 ng/ml



#21 Endrin ketone

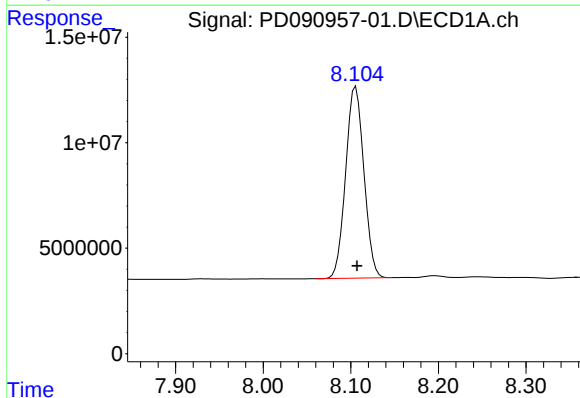
R.T.: 7.624 min  
Delta R.T.: 0.000 min  
Response: 206005539  
Conc: 42.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



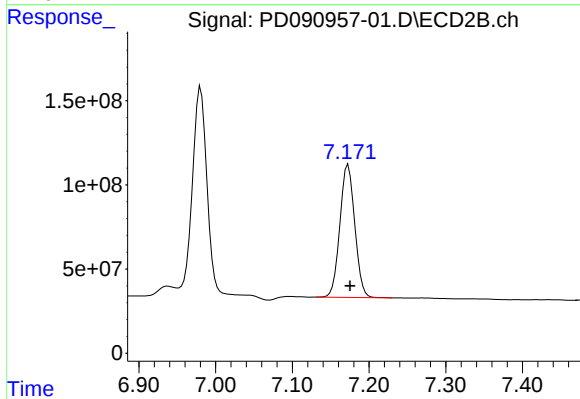
#21 Endrin ketone

R.T.: 6.980 min  
Delta R.T.: -0.002 min  
Response: 1502436534  
Conc: 39.83 ng/ml



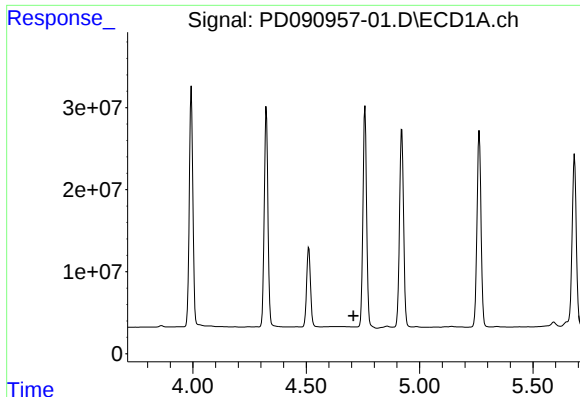
#22 Mirex

R.T.: 8.106 min  
Delta R.T.: -0.002 min  
Response: 131429413  
Conc: 41.06 ng/ml



#22 Mirex

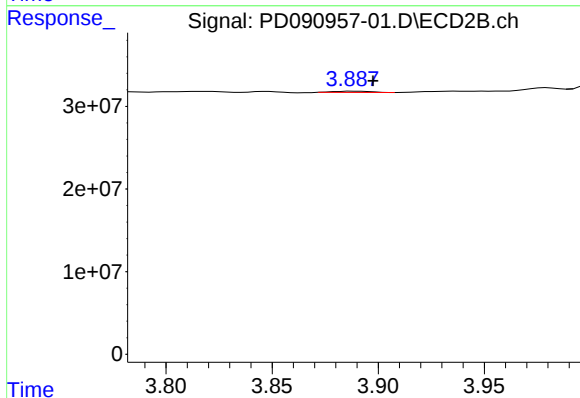
R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 1063482079  
Conc: 41.40 ng/ml



#23 Chlordane-1

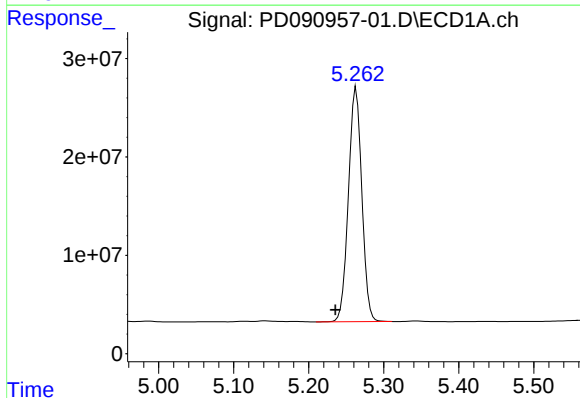
R.T.: 0.000 min  
Exp R.T.: 4.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



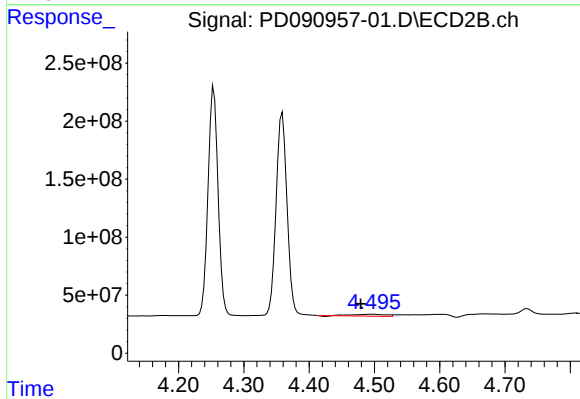
#23 Chlordane-1

R.T.: 3.889 min  
Delta R.T.: -0.008 min  
Response: 1797101  
Conc: 1.44 ng/ml



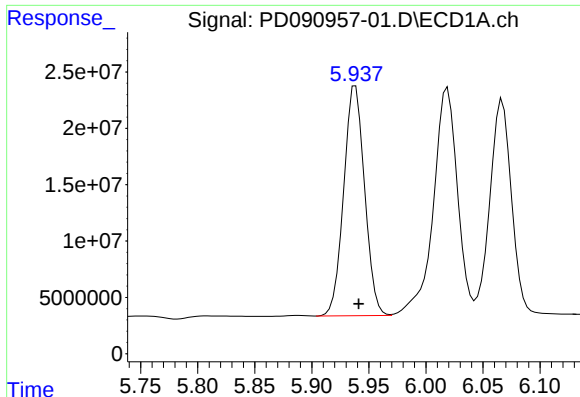
#24 Chlordane-2

R.T.: 5.263 min  
Delta R.T.: 0.028 min  
Response: 295092777  
Conc: 1527.95 ng/ml



#24 Chlordane-2

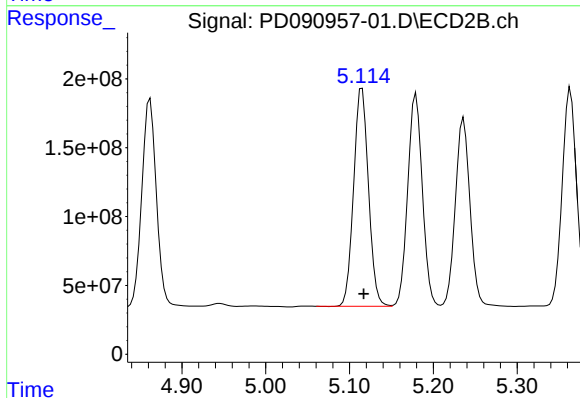
R.T.: 4.496 min  
Delta R.T.: 0.017 min  
Response: 52754495  
Conc: 40.44 ng/ml



#25 Chlordane-3

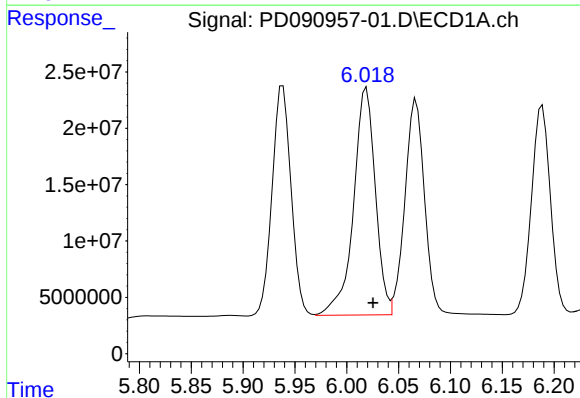
R.T.: 5.938 min  
Delta R.T.: -0.003 min  
Response: 259829242  
Conc: 340.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



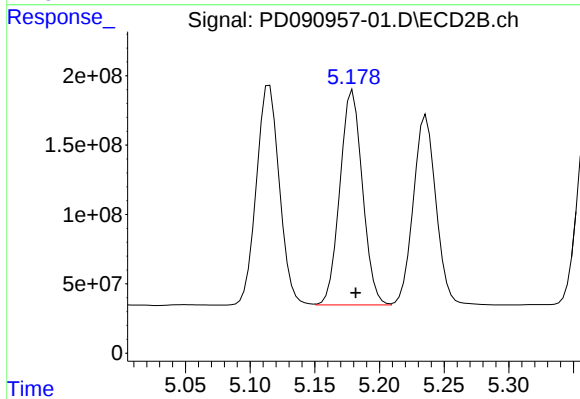
#25 Chlordane-3

R.T.: 5.115 min  
Delta R.T.: -0.002 min  
Response: 1954266039  
Conc: 502.18 ng/ml



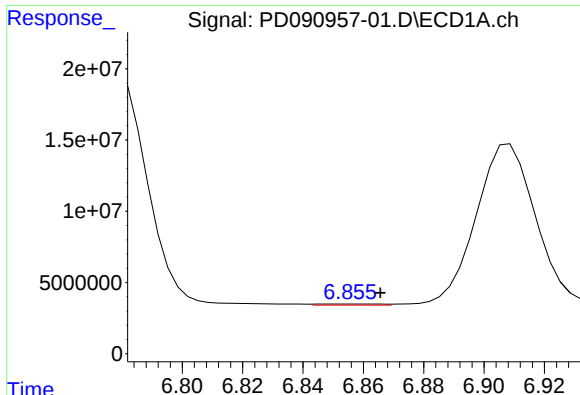
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: -0.006 min  
Response: 295388918  
Conc: 304.87 ng/ml



#26 Chlordane-4

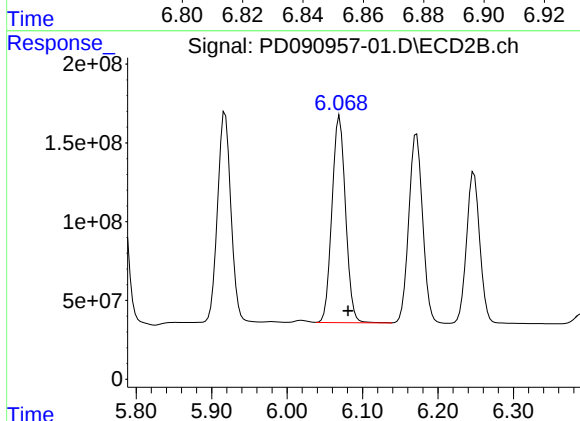
R.T.: 5.179 min  
Delta R.T.: -0.002 min  
Response: 1873411306  
Conc: 560.69 ng/ml



#27 Chlordane-5

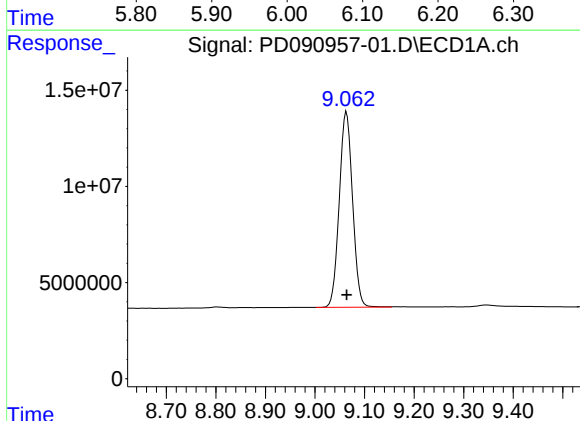
R.T.: 6.856 min  
Delta R.T.: -0.010 min  
Response: 1237402  
Conc: 8.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



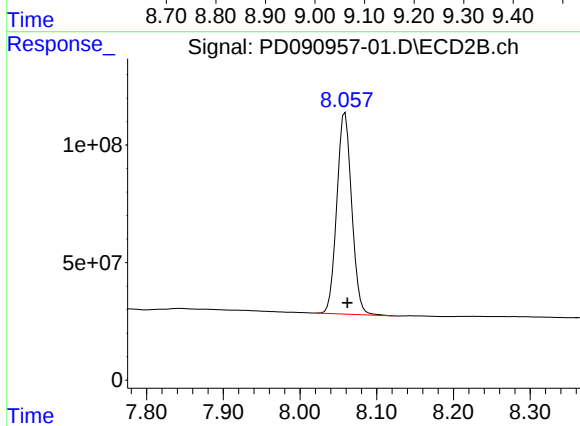
#27 Chlordane-5

R.T.: 6.070 min  
Delta R.T.: -0.011 min  
Response: 1644646512  
Conc: 1114.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 189533725  
Conc: 40.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: -0.003 min  
Response: 1154354498  
Conc: 38.11 ng/ml