

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120925\  
 Data File : PD091526.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Dec 2025 14:22  
 Operator : AR\AJ  
 Sample : PB170776BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 00:37:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 09 04:29:17 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 | 2.870 | 63433818 | 807.9E6  | 18.263  | 20.503     |
| 28)                         | SA Decachlor... | 9.063 | 8.057 | 107.4E6  | 930.6E6  | 20.663  | 22.472     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.994 | 3.382 | 380.2E6  | 3431.6E6 | 47.218  | 50.336     |
| 3)                          | MA gamma-BHC... | 4.324 | 3.718 | 359.4E6  | 3154.2E6 | 47.817  | 56.095     |
| 4)                          | MA Heptachlor   | 4.922 | 4.070 | 351.7E6  | 3098.2E6 | 49.544  | 53.158     |
| 5)                          | MB Aldrin       | 5.263 | 4.355 | 348.5E6  | 3092.2E6 | 50.088  | 53.326     |
| 6)                          | B beta-BHC      | 4.512 | 4.014 | 138.7E6  | 1299.5E6 | 48.027  | 54.237     |
| 7)                          | B delta-BHC     | 4.760 | 4.250 | 345.4E6  | 3148.6E6 | 57.736  | 52.577     |
| 8)                          | B Heptachlo...  | 5.683 | 4.858 | 306.3E6  | 2774.6E6 | 49.461  | 54.837     |
| 9)                          | A Endosulfan I  | 6.067 | 5.233 | 299.7E6  | 2632.1E6 | 49.044  | 53.728     |
| 10)                         | B gamma-Chl...  | 5.939 | 5.111 | 316.2E6  | 3117.0E6 | 49.582  | 55.840     |
| 11)                         | B alpha-Chl...  | 6.019 | 5.176 | 319.2E6  | 2922.4E6 | 47.532  | 54.573     |
| 12)                         | B 4,4'-DDE      | 6.189 | 5.360 | 286.7E6  | 2964.1E6 | 49.357  | 54.083     |
| 13)                         | MA Dieldrin     | 6.340 | 5.498 | 322.3E6  | 2992.8E6 | 49.532  | 53.958     |
| 14)                         | MA Endrin       | 6.567 | 5.776 | 270.2E6  | 2715.0E6 | 48.182  | 51.933     |
| 15)                         | B Endosulfa...  | 6.780 | 6.067 | 269.0E6  | 2538.3E6 | 44.232  | 53.876     |
| 16)                         | A 4,4'-DDD      | 6.699 | 5.915 | 231.6E6  | 2496.8E6 | 50.307  | 54.889     |
| 17)                         | MA 4,4'-DDT     | 7.015 | 6.169 | 245.0E6  | 2555.1E6 | 47.506  | 53.906     |
| 18)                         | B Endrin al...  | 6.909 | 6.245 | 203.3E6  | 1900.4E6 | 48.666  | 53.245     |
| 19)                         | B Endosulfa...  | 7.144 | 6.469 | 255.0E6  | 2478.1E6 | 48.303  | 53.763     |
| 20)                         | A Methoxychlor  | 7.488 | 6.740 | 124.9E6  | 1251.1E6 | 46.454  | 53.015     |
| 21)                         | B Endrin ke...  | 7.624 | 6.978 | 275.9E6  | 2661.2E6 | 48.970  | 54.709     |
| 22)                         | Mirex           | 8.106 | 7.170 | 170.4E6  | 1714.8E6 | 45.853  | 52.321     |
| 23)                         | Chlordane-1     | 0.000 | 3.887 | 0        | 1293917  | N.D.    | 0.866 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.493 | 0        | 50037538 | N.D.    | 31.691 #   |
| 25)                         | Chlordane-3     | 5.939 | 5.111 | 316.2E6  | 3117.0E6 | 385.834 | 612.035 #  |
| 26)                         | Chlordane-4     | 6.019 | 5.176 | 319.2E6  | 2922.4E6 | 314.323 | 684.651 #  |
| 27)                         | Chlordane-5     | 0.000 | 6.067 | 0        | 2538.3E6 | N.D.    | 1338.721 # |
| -----                       |                 |       |       |          |          |         |            |

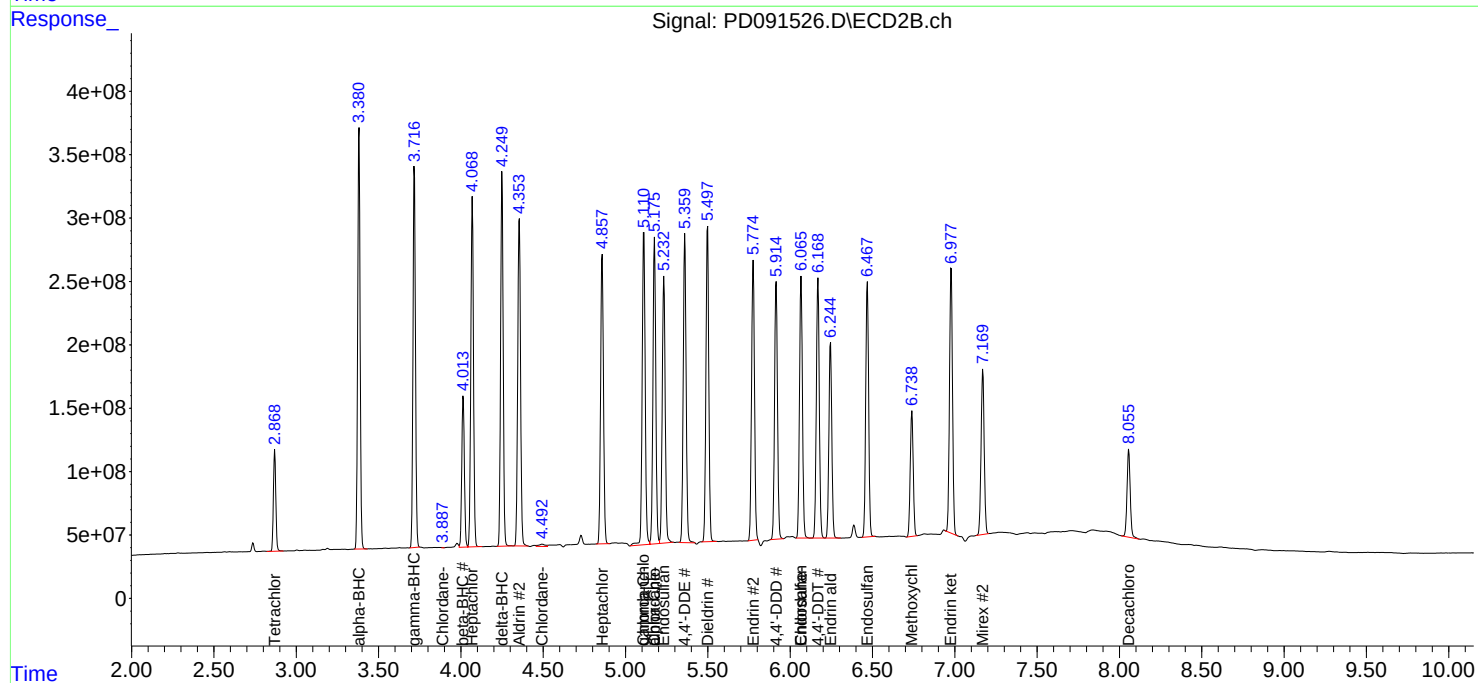
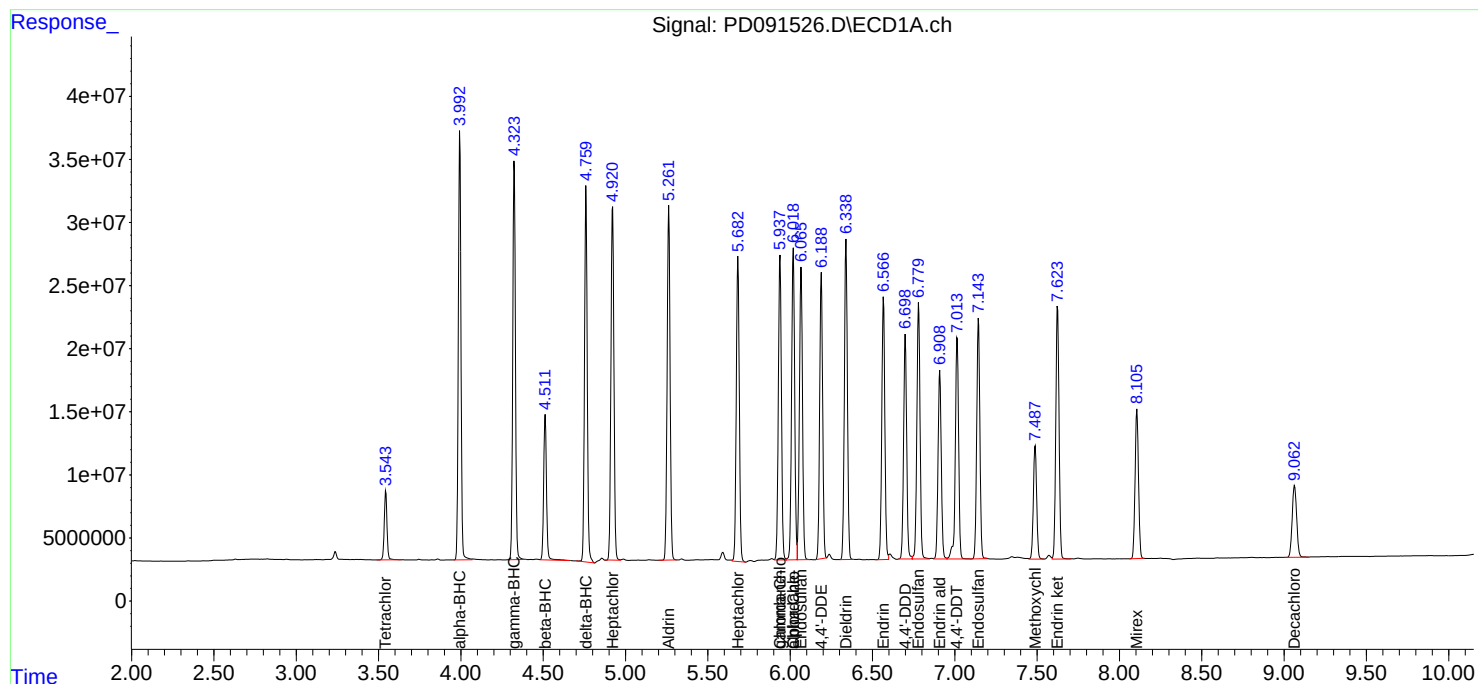
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

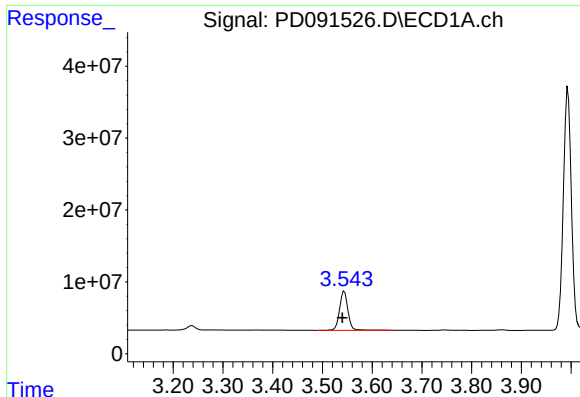
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD120925\  
Data File : PD091526.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Dec 2025 14:22  
Operator : AR\AJ  
Sample : PB170776BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 00:37:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD120825.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 09 04:29:17 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

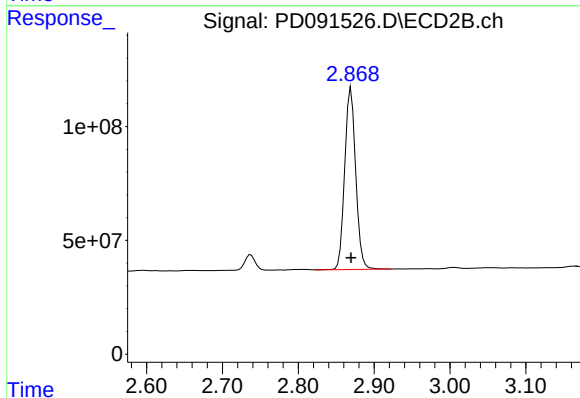




#1 Tetrachloro-m-xylene

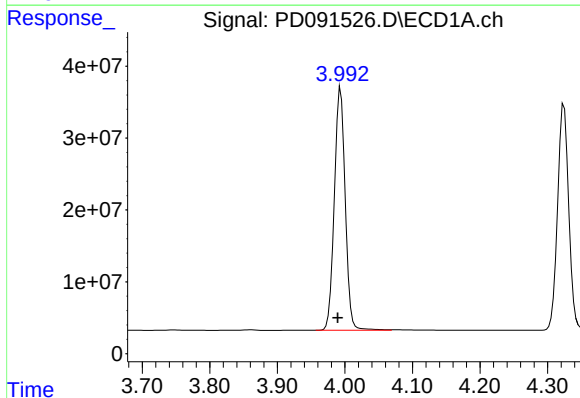
R.T.: 3.544 min  
Delta R.T.: 0.004 min  
Response: 63433818  
Conc: 18.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



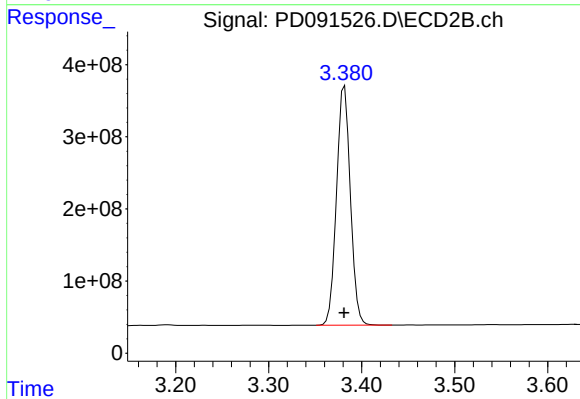
#1 Tetrachloro-m-xylene

R.T.: 2.870 min  
Delta R.T.: 0.000 min  
Response: 807870832  
Conc: 20.50 ng/ml



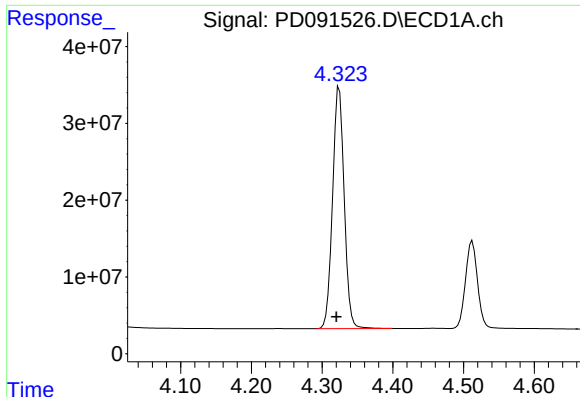
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.004 min  
Response: 380150658  
Conc: 47.22 ng/ml



#2 alpha-BHC

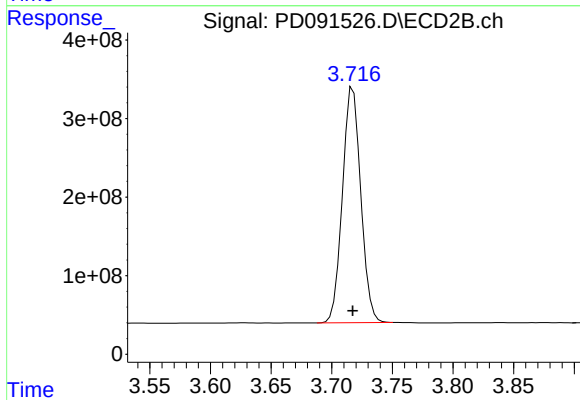
R.T.: 3.382 min  
Delta R.T.: 0.000 min  
Response: 3431620851  
Conc: 50.34 ng/ml



#3 gamma-BHC (Lindane)

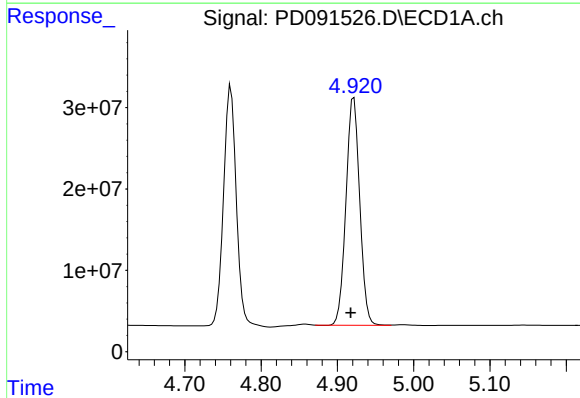
R.T.: 4.324 min  
Delta R.T.: 0.004 min  
Response: 359382294  
Conc: 47.82 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



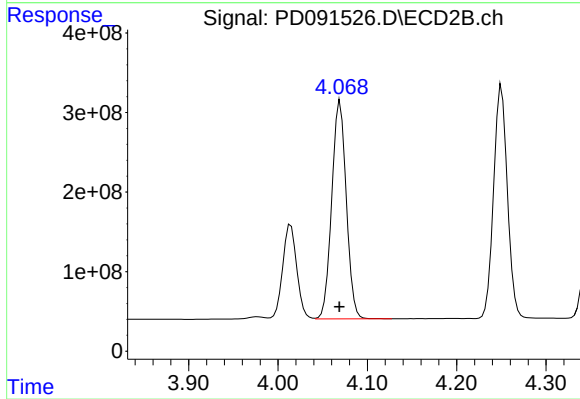
#3 gamma-BHC (Lindane)

R.T.: 3.718 min  
Delta R.T.: 0.000 min  
Response: 3154196448  
Conc: 56.10 ng/ml



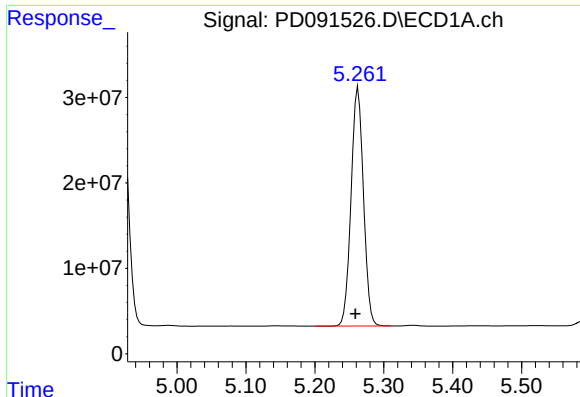
#4 Heptachlor

R.T.: 4.922 min  
Delta R.T.: 0.004 min  
Response: 351709282  
Conc: 49.54 ng/ml



#4 Heptachlor

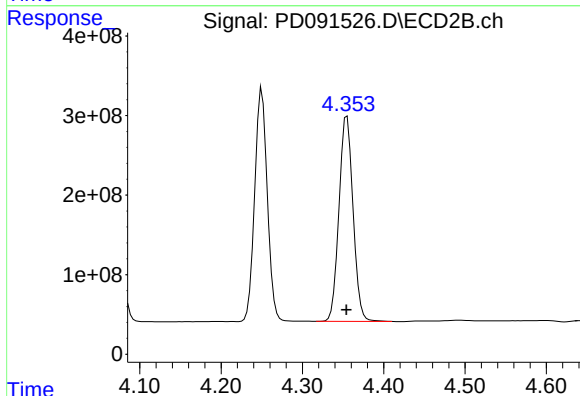
R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 3098244912  
Conc: 53.16 ng/ml



#5 Aldrin

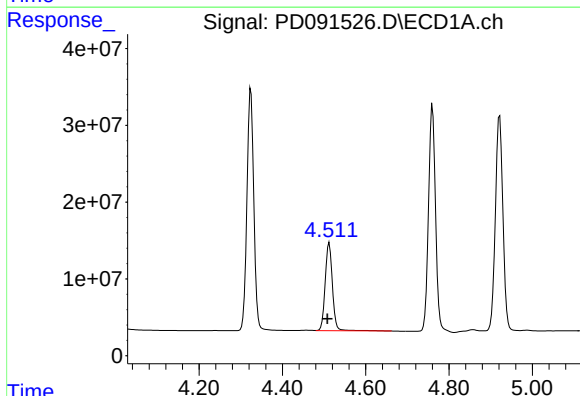
R.T.: 5.263 min  
Delta R.T.: 0.004 min  
Response: 348503764  
Conc: 50.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



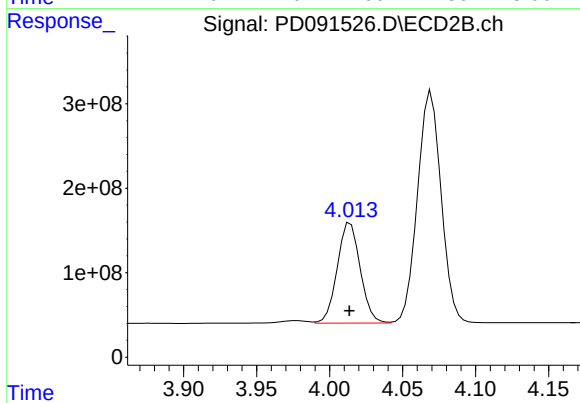
#5 Aldrin

R.T.: 4.355 min  
Delta R.T.: 0.000 min  
Response: 3092166937  
Conc: 53.33 ng/ml



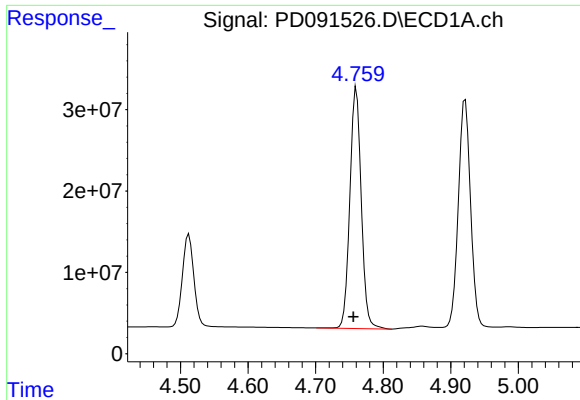
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: 0.005 min  
Response: 138657052  
Conc: 48.03 ng/ml



#6 beta-BHC

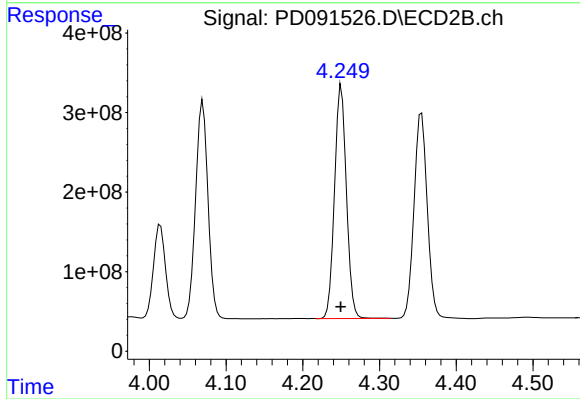
R.T.: 4.014 min  
Delta R.T.: 0.000 min  
Response: 1299470710  
Conc: 54.24 ng/ml



#7 delta-BHC

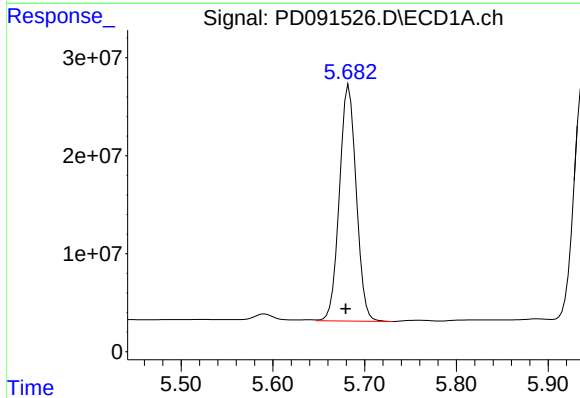
R.T.: 4.760 min  
Delta R.T.: 0.004 min  
Response: 345390201  
Conc: 57.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



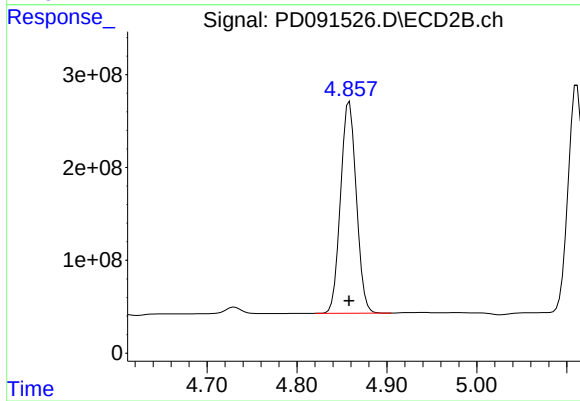
#7 delta-BHC

R.T.: 4.250 min  
Delta R.T.: 0.000 min  
Response: 3148645712  
Conc: 52.58 ng/ml



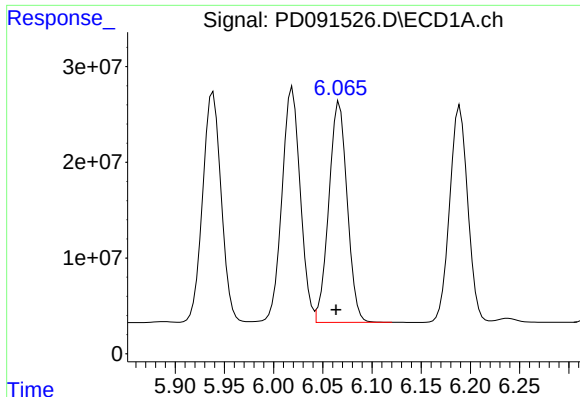
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.004 min  
Response: 306277053  
Conc: 49.46 ng/ml



#8 Heptachlor epoxide

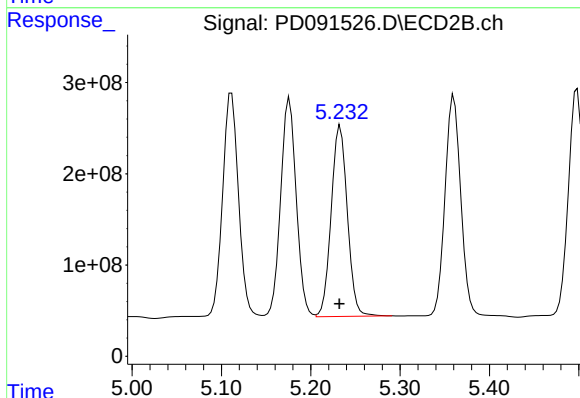
R.T.: 4.858 min  
Delta R.T.: 0.000 min  
Response: 2774590076  
Conc: 54.84 ng/ml



#9 Endosulfan I

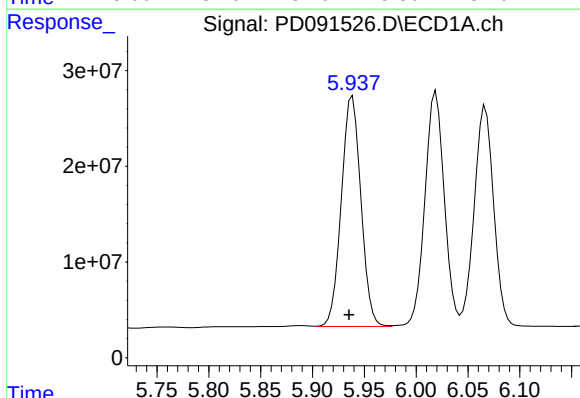
R.T.: 6.067 min  
Delta R.T.: 0.004 min  
Response: 299651009  
Conc: 49.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



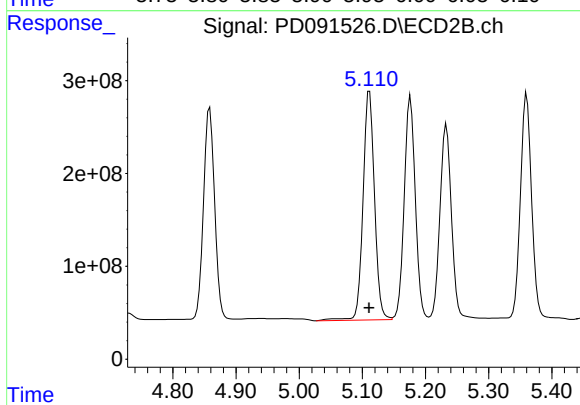
#9 Endosulfan I

R.T.: 5.233 min  
Delta R.T.: 0.001 min  
Response: 2632101415  
Conc: 53.73 ng/ml



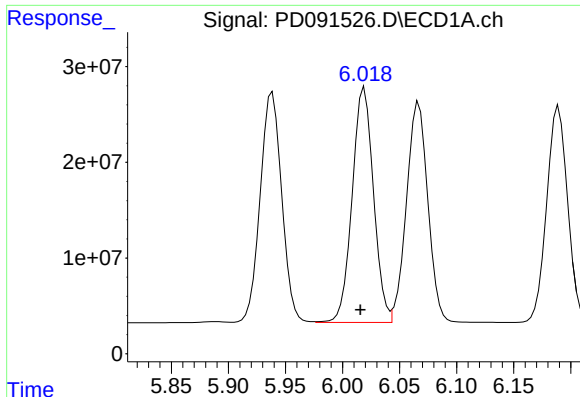
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.003 min  
Response: 316182617  
Conc: 49.58 ng/ml



#10 gamma-Chlordane

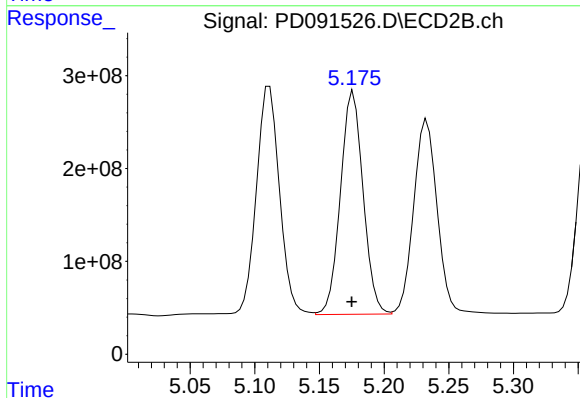
R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 3117024154  
Conc: 55.84 ng/ml



#11 alpha-Chlordane

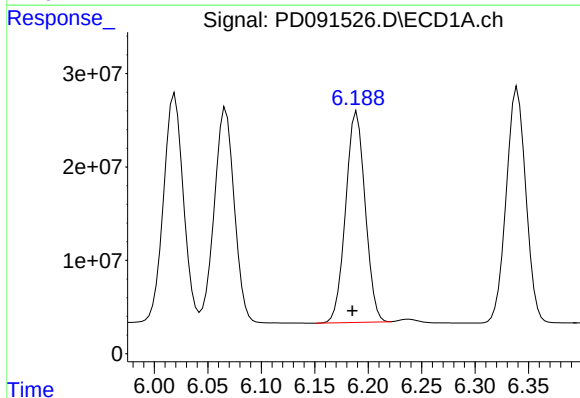
R.T.: 6.019 min  
Delta R.T.: 0.003 min  
Response: 319233168  
Conc: 47.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



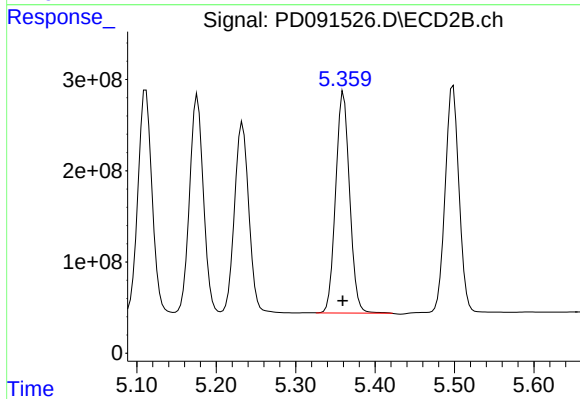
#11 alpha-Chlordane

R.T.: 5.176 min  
Delta R.T.: 0.001 min  
Response: 2922446239  
Conc: 54.57 ng/ml



#12 4,4'-DDE

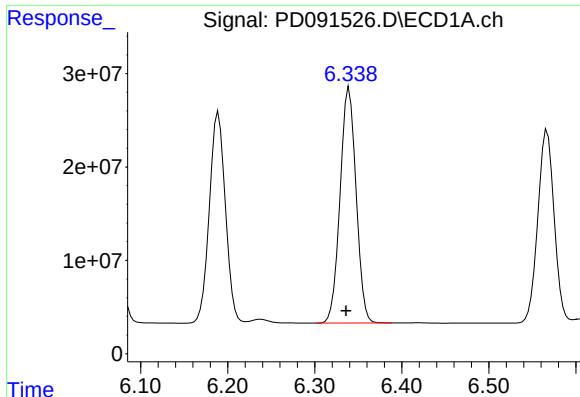
R.T.: 6.189 min  
Delta R.T.: 0.004 min  
Response: 286732984  
Conc: 49.36 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min  
Delta R.T.: 0.001 min  
Response: 2964147413  
Conc: 54.08 ng/ml

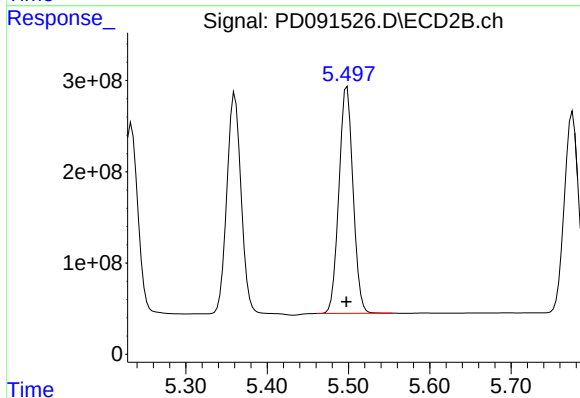




#13 Dieldrin

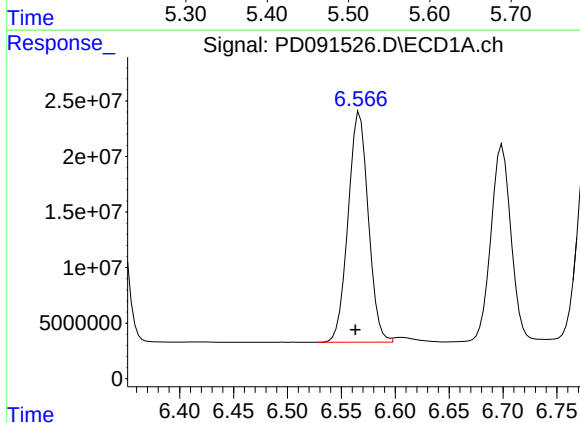
R.T.: 6.340 min  
Delta R.T.: 0.004 min  
Response: 322292359  
Conc: 49.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



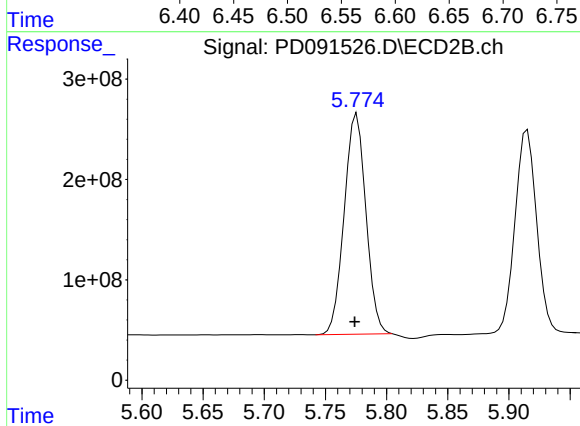
#13 Dieldrin

R.T.: 5.498 min  
Delta R.T.: 0.000 min  
Response: 2992752333  
Conc: 53.96 ng/ml



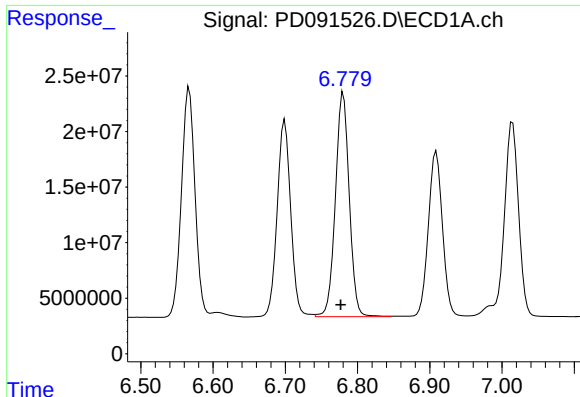
#14 Endrin

R.T.: 6.567 min  
Delta R.T.: 0.004 min  
Response: 270211891  
Conc: 48.18 ng/ml



#14 Endrin

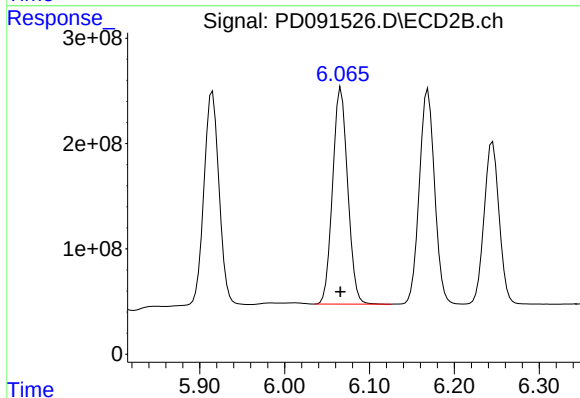
R.T.: 5.776 min  
Delta R.T.: 0.002 min  
Response: 2714970828  
Conc: 51.93 ng/ml



#15 Endosulfan II

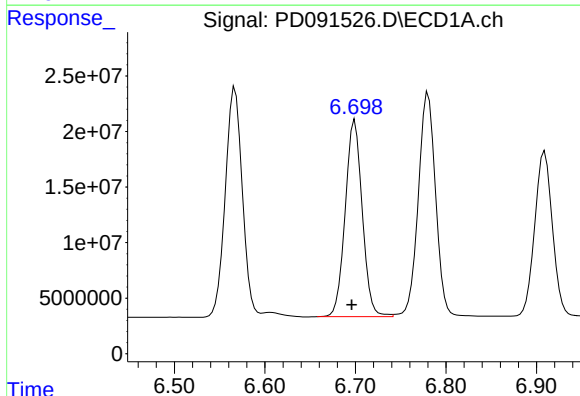
R.T.: 6.780 min  
Delta R.T.: 0.004 min  
Response: 268965830  
Conc: 44.23 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



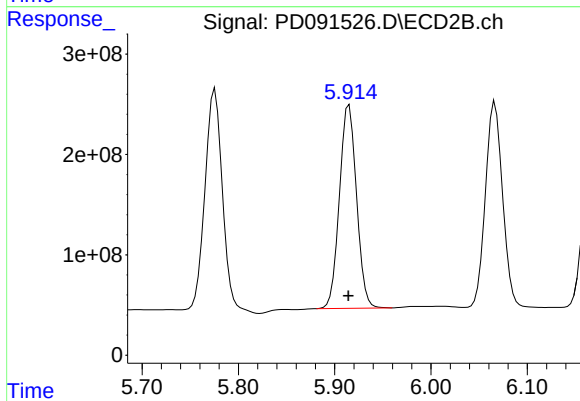
#15 Endosulfan II

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 2538330233  
Conc: 53.88 ng/ml



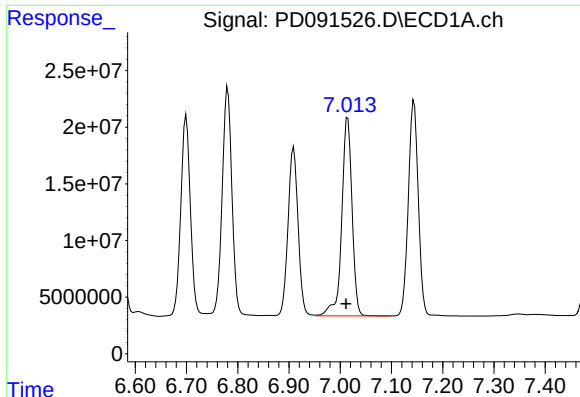
#16 4,4'-DDD

R.T.: 6.699 min  
Delta R.T.: 0.003 min  
Response: 231553843  
Conc: 50.31 ng/ml



#16 4,4'-DDD

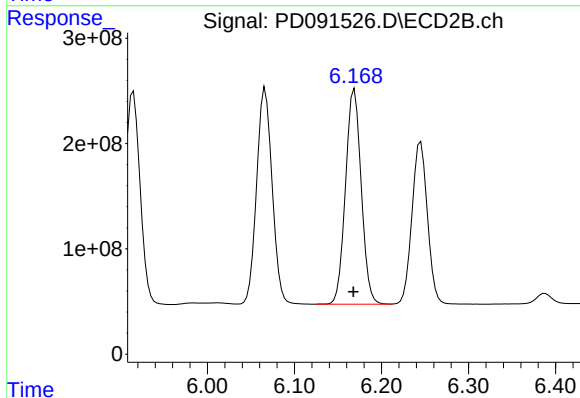
R.T.: 5.915 min  
Delta R.T.: 0.000 min  
Response: 2496763781  
Conc: 54.89 ng/ml



#17 4,4'-DDT

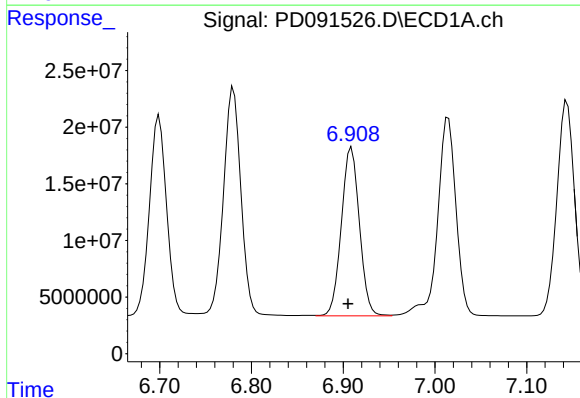
R.T.: 7.015 min  
Delta R.T.: 0.003 min  
Response: 244960810  
Conc: 47.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



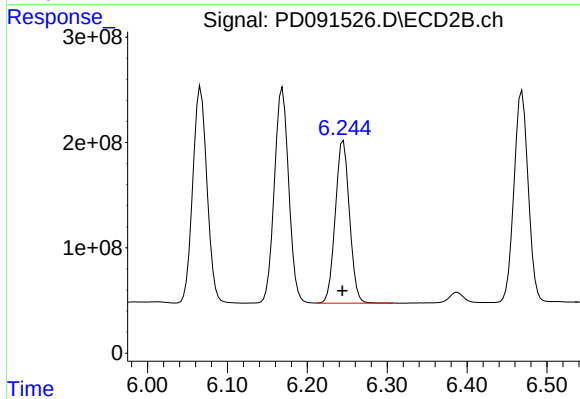
#17 4,4'-DDT

R.T.: 6.169 min  
Delta R.T.: 0.001 min  
Response: 2555081471  
Conc: 53.91 ng/ml



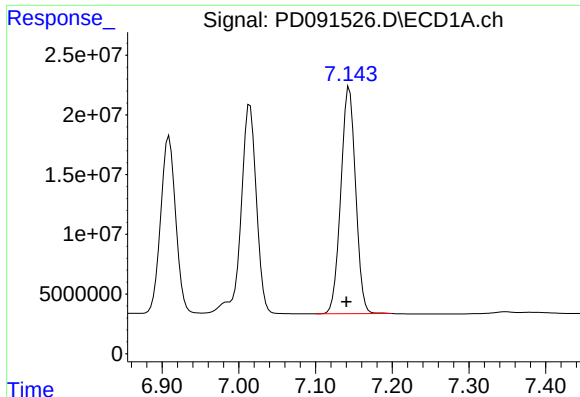
#18 Endrin aldehyde

R.T.: 6.909 min  
Delta R.T.: 0.004 min  
Response: 203295559  
Conc: 48.67 ng/ml



#18 Endrin aldehyde

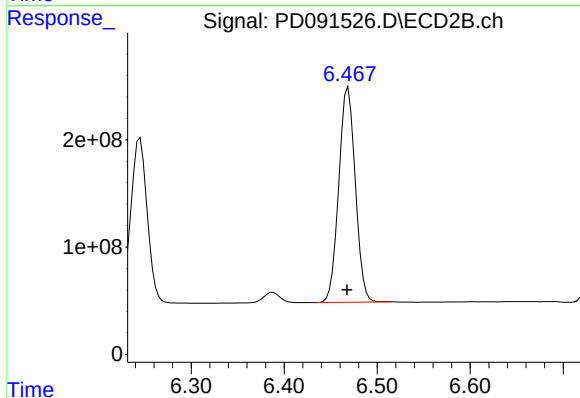
R.T.: 6.245 min  
Delta R.T.: 0.001 min  
Response: 1900371825  
Conc: 53.24 ng/ml



#19 Endosulfan Sulfate

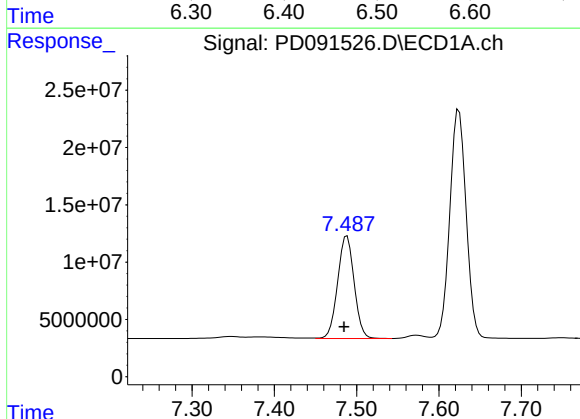
R.T.: 7.144 min  
Delta R.T.: 0.004 min  
Response: 255003479  
Conc: 48.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



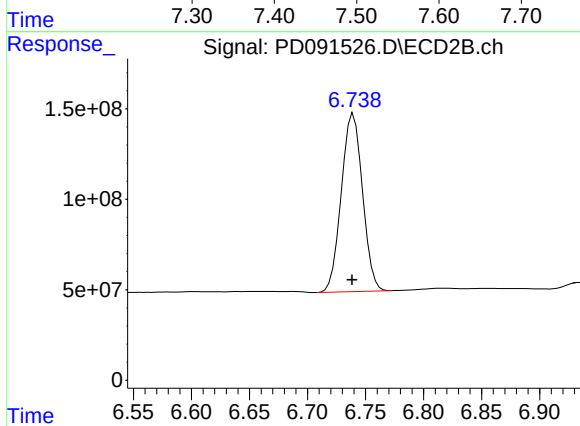
#19 Endosulfan Sulfate

R.T.: 6.469 min  
Delta R.T.: 0.001 min  
Response: 2478145414  
Conc: 53.76 ng/ml



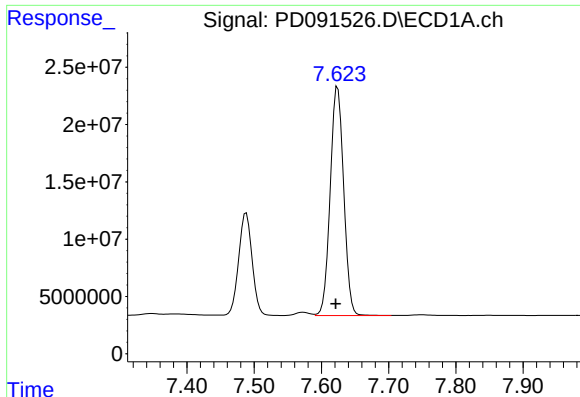
#20 Methoxychlor

R.T.: 7.488 min  
Delta R.T.: 0.004 min  
Response: 124868297  
Conc: 46.45 ng/ml



#20 Methoxychlor

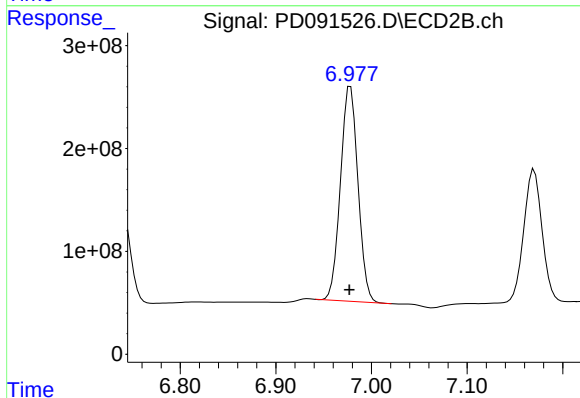
R.T.: 6.740 min  
Delta R.T.: 0.001 min  
Response: 1251059273  
Conc: 53.02 ng/ml



#21 Endrin ketone

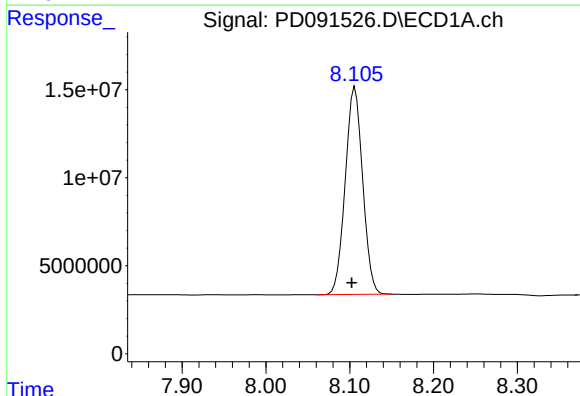
R.T.: 7.624 min  
Delta R.T.: 0.003 min  
Response: 275889470  
Conc: 48.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



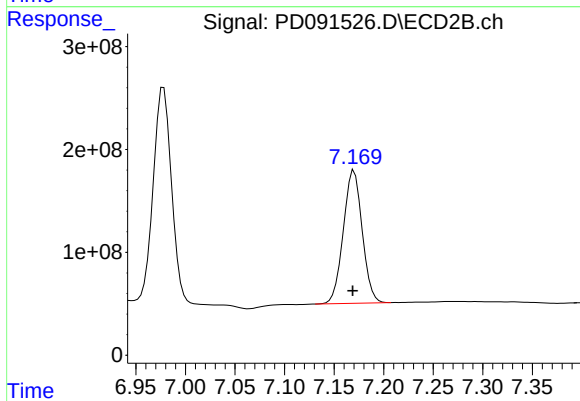
#21 Endrin ketone

R.T.: 6.978 min  
Delta R.T.: 0.001 min  
Response: 2661199042  
Conc: 54.71 ng/ml



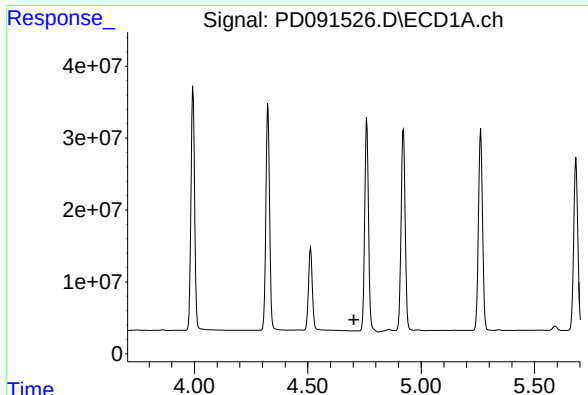
#22 Mirex

R.T.: 8.106 min  
Delta R.T.: 0.004 min  
Response: 170367174  
Conc: 45.85 ng/ml



#22 Mirex

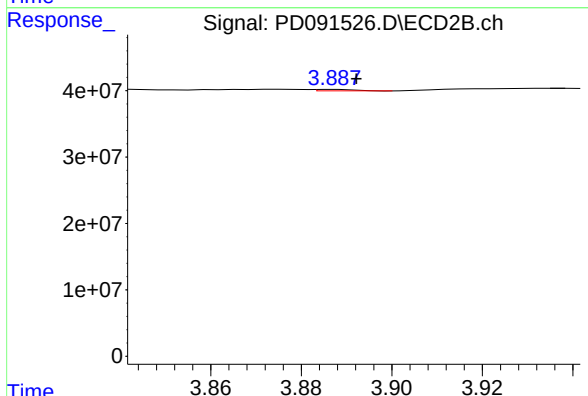
R.T.: 7.170 min  
Delta R.T.: 0.001 min  
Response: 1714812225  
Conc: 52.32 ng/ml



#23 Chlordane-1

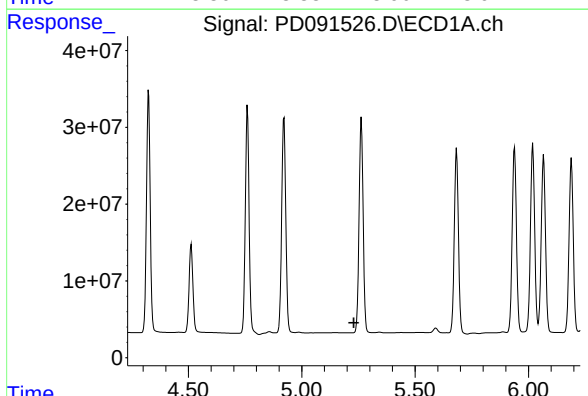
R.T.: 0.000 min  
Exp R.T.: 4.703 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



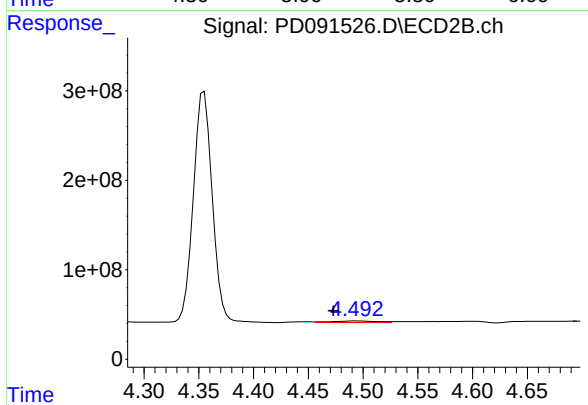
#23 Chlordane-1

R.T.: 3.887 min  
Delta R.T.: -0.005 min  
Response: 1293917  
Conc: 0.87 ng/ml



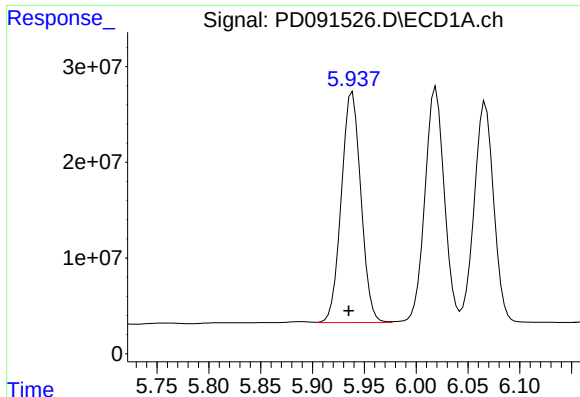
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.230 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

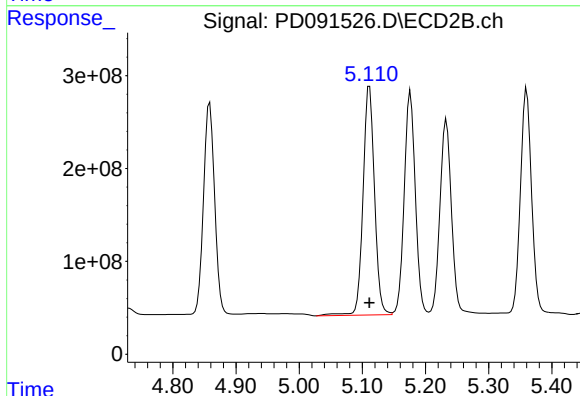
R.T.: 4.493 min  
Delta R.T.: 0.020 min  
Response: 50037538  
Conc: 31.69 ng/ml



#25 Chlordane-3

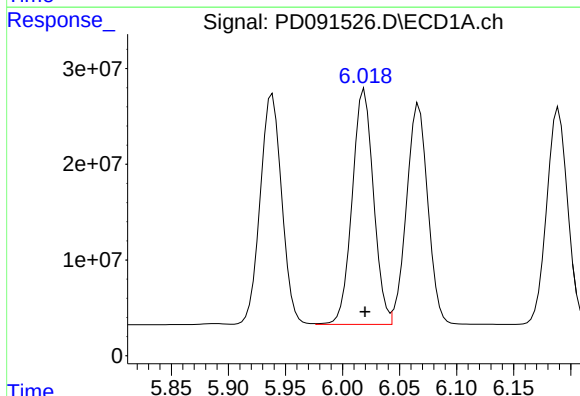
R.T.: 5.939 min  
Delta R.T.: 0.004 min  
Response: 316182617  
Conc: 385.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



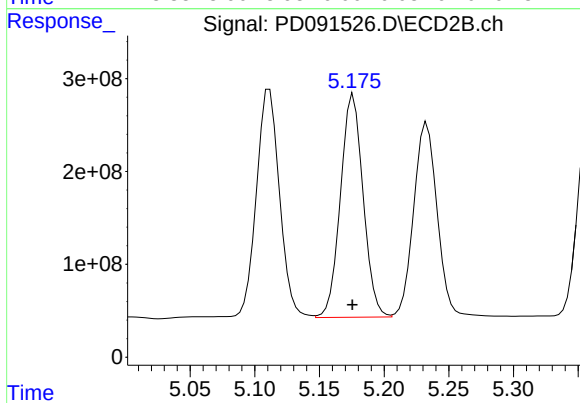
#25 Chlordane-3

R.T.: 5.111 min  
Delta R.T.: 0.000 min  
Response: 3117024154  
Conc: 612.03 ng/ml



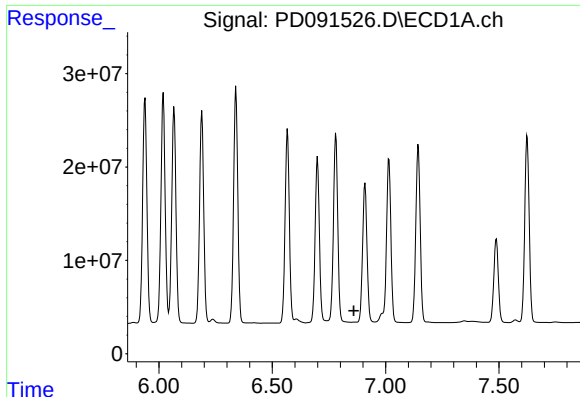
#26 Chlordane-4

R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 319233168  
Conc: 314.32 ng/ml



#26 Chlordane-4

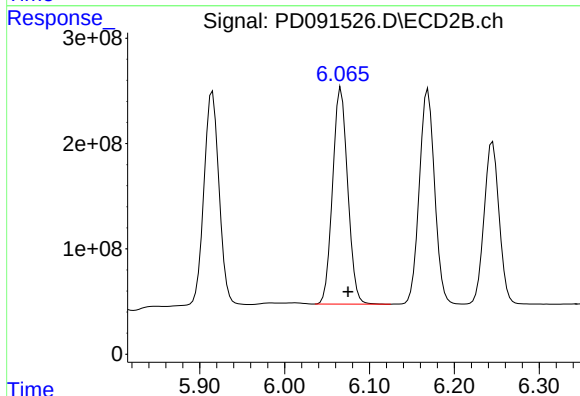
R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 2922446239  
Conc: 684.65 ng/ml



#27 Chlordane-5

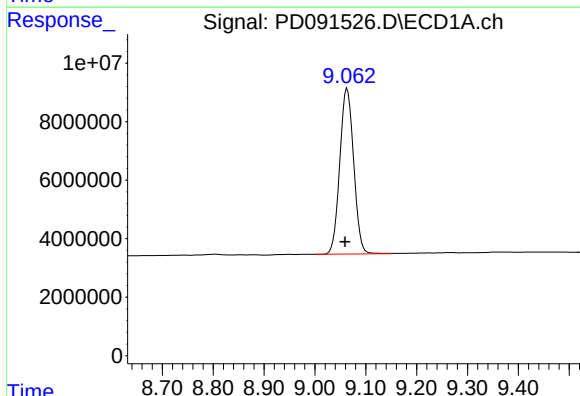
R.T.: 0.000 min  
Exp R.T.: 6.860 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



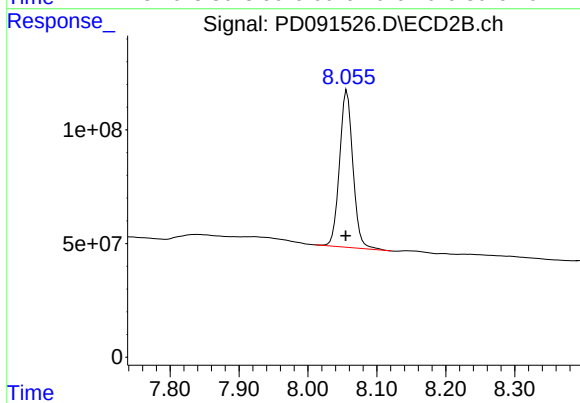
#27 Chlordane-5

R.T.: 6.067 min  
Delta R.T.: -0.008 min  
Response: 2538330233  
Conc: 1338.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.004 min  
Response: 107405732  
Conc: 20.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.057 min  
Delta R.T.: 0.002 min  
Response: 930582454  
Conc: 22.47 ng/ml