

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121823\  
 Data File : PD080142.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2023 09:57  
 Operator : AR\AJ  
 Sample : 05773-06MS 10X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 20:58:57 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121723CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 02:51:51 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

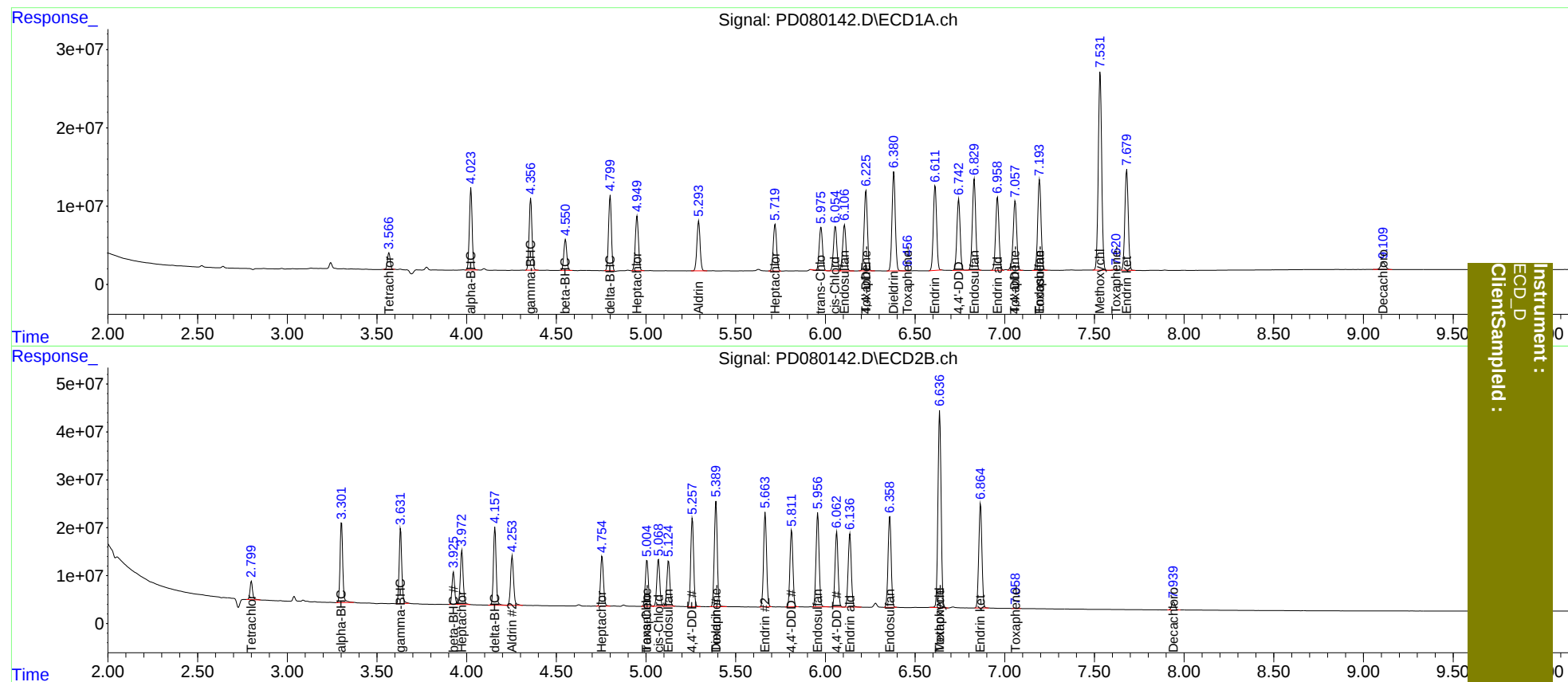
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.567  | 2.800  | 22068672 | 38396406 | 15.480   | 15.560      |
| 2)                          | SA Decachlor... | 9.111  | 7.941  | 15983531 | 21732543 | 8.970    | 8.017       |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 4.024  | 3.303  | 111.7E6  | 173.0E6  | 46.024   | 44.083      |
| 3)                          | MA gamma-BHC... | 4.358  | 3.632  | 102.4E6  | 161.1E6  | 44.332   | 43.823      |
| 4)                          | MA Heptachlor   | 4.950  | 3.974  | 84361535 | 124.2E6  | 35.216   | 34.332      |
| 5)                          | MB Aldrin       | 5.294  | 4.254  | 78924168 | 119.7E6  | 35.681   | 34.335      |
| 6)                          | B beta-BHC      | 4.551  | 3.927  | 44859483 | 69480551 | 45.143   | 40.732      |
| 7)                          | B delta-BHC     | 4.801  | 4.158  | 107.6E6  | 170.6E6  | 46.590   | 44.524      |
| 8)                          | B Heptachlo...  | 5.720  | 4.756  | 77369486 | 119.3E6  | 36.982   | 36.194      |
| 9)                          | A Endosulfan I  | 6.107  | 5.126  | 75237062 | 110.9E6  | 36.806   | 35.266      |
| 10)                         | B trans-Chl...  | 5.976  | 5.006  | 69901637 | 111.5E6  | 34.574   | 34.536      |
| 11)                         | B cis-Chlor...  | 6.056  | 5.070  | 74104710 | 112.9E6  | 35.956   | 34.060      |
| 12)                         | B 4,4'-DDE      | 6.227  | 5.259  | 132.7E6  | 209.5E6  | 69.135   | 68.001      |
| 13)                         | MA Dieldrin     | 6.382  | 5.390  | 161.1E6  | 253.3E6  | 74.908   | 72.981      |
| 14)                         | MA Endrin       | 6.612  | 5.665  | 138.7E6  | 229.3E6  | 77.413   | 76.469      |
| 15)                         | B Endosulfa...  | 6.830  | 5.958  | 150.0E6  | 234.7E6  | 81.270   | 81.425      |
| 16)                         | A 4,4'-DDD      | 6.744  | 5.812  | 114.5E6  | 184.6E6  | 71.471   | 69.873      |
| 17)                         | MA 4,4'-DDT     | 7.058  | 6.063  | 123.7E6  | 186.0E6  | 71.894   | 66.906      |
| 18)                         | B Endrin al...  | 6.960  | 6.137  | 121.0E6  | 185.8E6  | 83.934   | 82.804      |
| 19)                         | B Endosulfa...  | 7.194  | 6.359  | 151.5E6  | 228.1E6  | 86.036   | 84.491      |
| 20)                         | A Methoxychlor  | 7.532  | 6.638  | 334.5E6  | 498.6E6  | 373.676  | 359.817     |
| 21)                         | B Endrin ke...  | 7.680  | 6.865  | 168.7E6  | 268.0E6  | 88.304   | 86.358      |
| 22)                         | Toxaphene-1     | 6.227f | 5.006  | 132.7E6  | 111.5E6  | 9030.656 | 6542.388 #  |
| 23)                         | Toxaphene-2     | 6.458  | 5.390f | 200976   | 253.3E6  | 11.162   | 14415.016 # |
| 24)                         | Toxaphene-3     | 7.058f | 6.638  | 123.7E6  | 498.6E6  | 2346.255 | 7867.293 #  |
| 25)                         | Toxaphene-4     | 7.194  | 6.789  | 151.5E6  | -2195    | 3830.299 | N.D. #      |
| 26)                         | Toxaphene-5     | 7.622  | 7.059  | 264206   | 547514   | 8.722    | 15.238 #    |
| -----                       |                 |        |        |          |          |          |             |

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

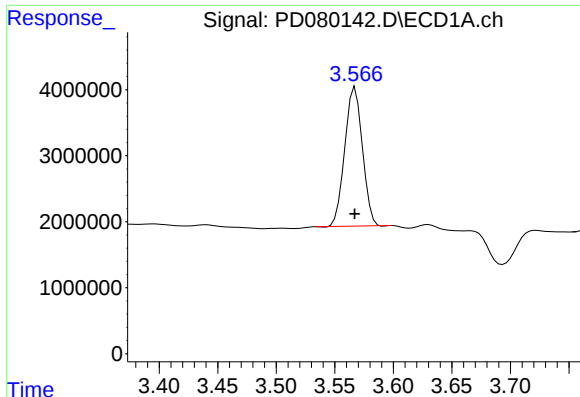
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121823\  
Data File : PD080142.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2023 09:57  
Operator : AR\AJ  
Sample : 05773-06MS 10X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 20:58:57 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121723CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Sat Dec 16 02:51:51 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm



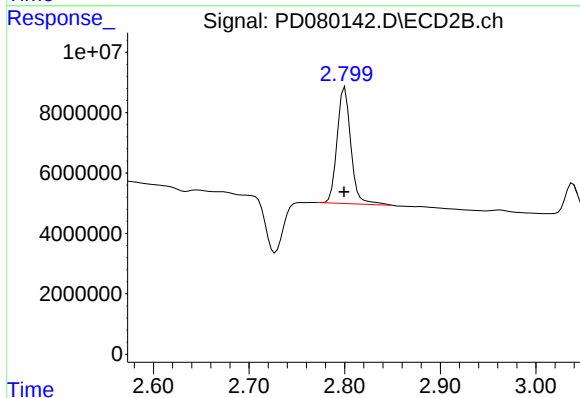
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

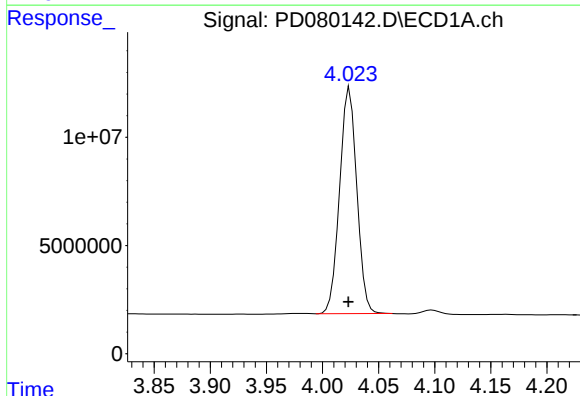
R.T.: 3.567 min  
Delta R.T.: 0.000 min  
Response: 22068672  
Conc: 15.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



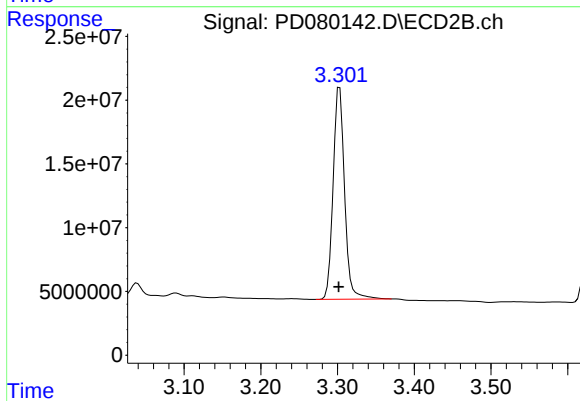
#1 Tetrachloro-m-xylene

R.T.: 2.800 min  
Delta R.T.: 0.000 min  
Response: 38396406  
Conc: 15.56 ng/ml



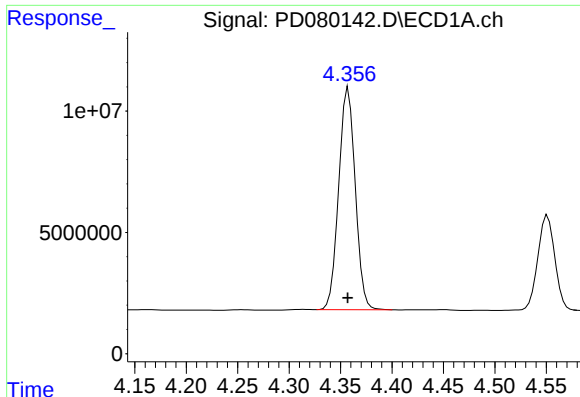
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: 0.001 min  
Response: 111675433  
Conc: 46.02 ng/ml



#2 alpha-BHC

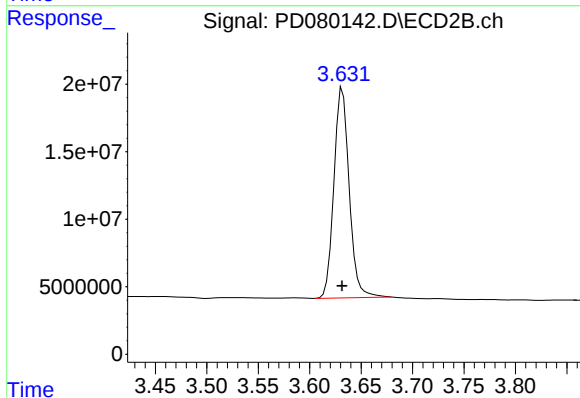
R.T.: 3.303 min  
Delta R.T.: 0.000 min  
Response: 173011292  
Conc: 44.08 ng/ml



#3 gamma-BHC (Lindane)

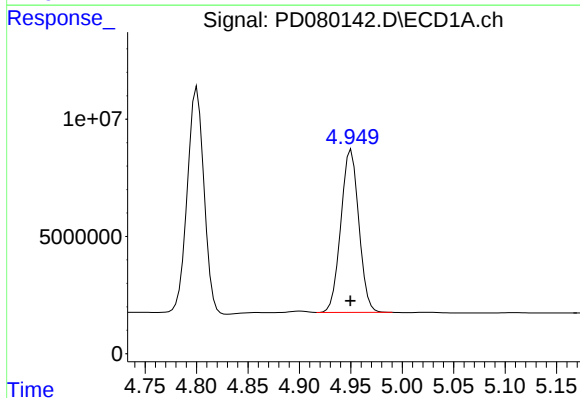
R.T.: 4.358 min  
Delta R.T.: 0.000 min  
Response: 102420683  
Conc: 44.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



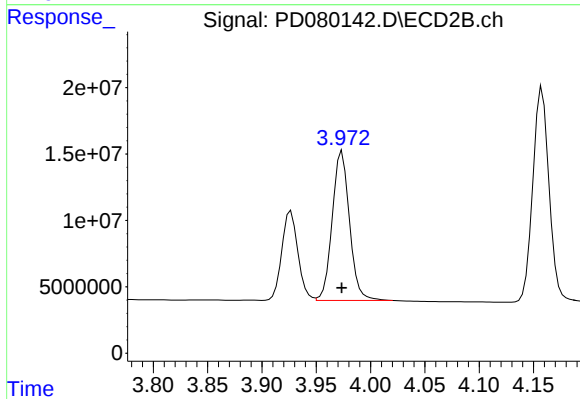
#3 gamma-BHC (Lindane)

R.T.: 3.632 min  
Delta R.T.: 0.000 min  
Response: 161087751  
Conc: 43.82 ng/ml



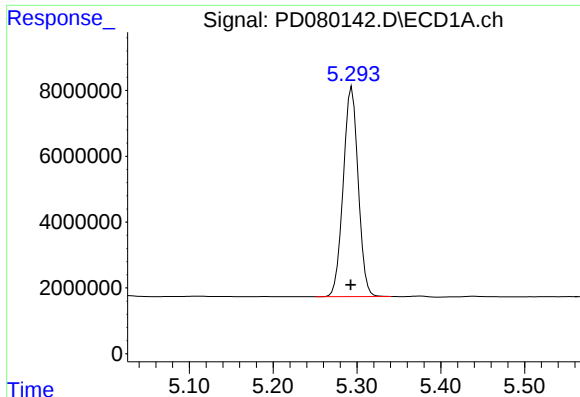
#4 Heptachlor

R.T.: 4.950 min  
Delta R.T.: 0.000 min  
Response: 84361535  
Conc: 35.22 ng/ml



#4 Heptachlor

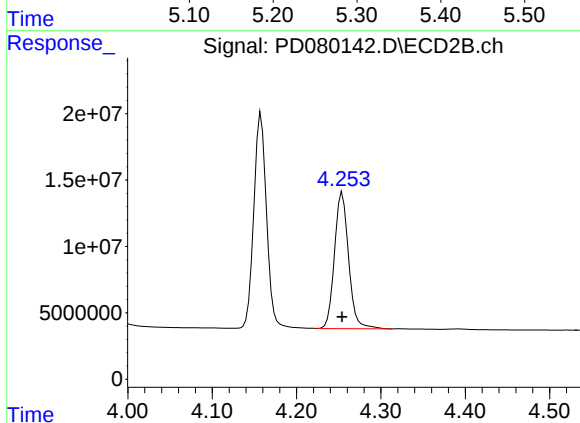
R.T.: 3.974 min  
Delta R.T.: 0.000 min  
Response: 124235377  
Conc: 34.33 ng/ml



#5 Aldrin

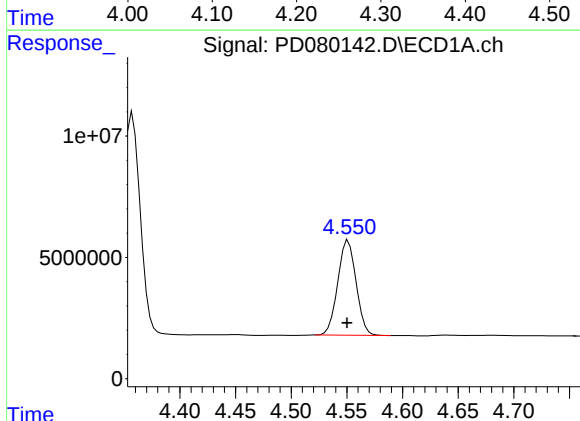
R.T.: 5.294 min  
Delta R.T.: 0.001 min  
Response: 78924168  
Conc: 35.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



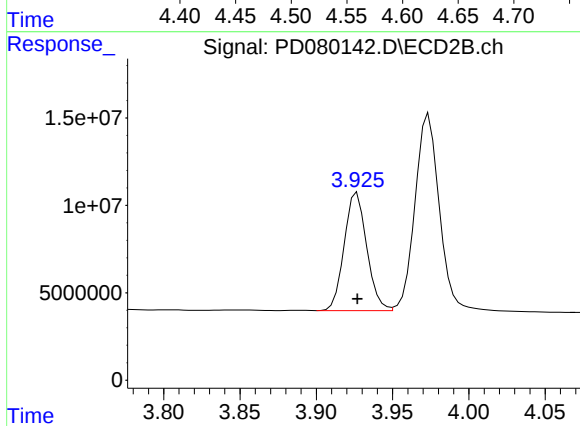
#5 Aldrin

R.T.: 4.254 min  
Delta R.T.: 0.000 min  
Response: 119676571  
Conc: 34.33 ng/ml



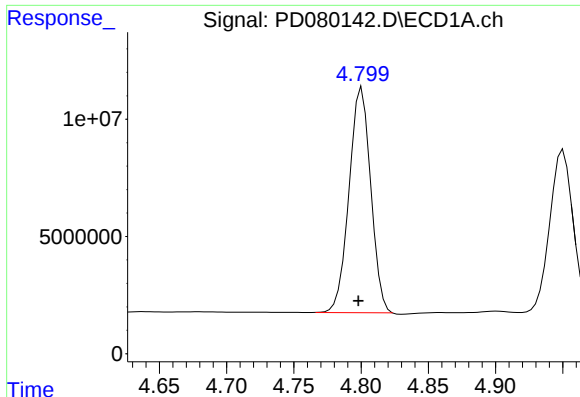
#6 beta-BHC

R.T.: 4.551 min  
Delta R.T.: 0.001 min  
Response: 44859483  
Conc: 45.14 ng/ml



#6 beta-BHC

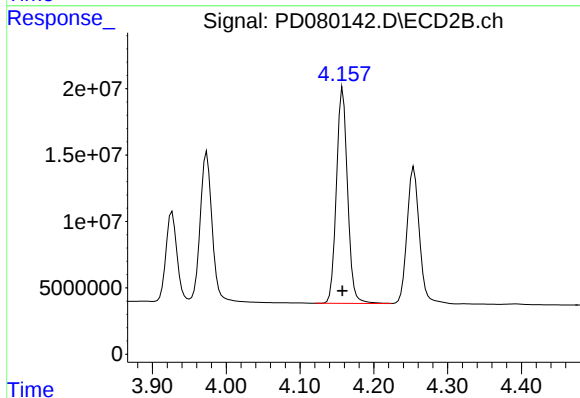
R.T.: 3.927 min  
Delta R.T.: 0.000 min  
Response: 69480551  
Conc: 40.73 ng/ml



#7 delta-BHC

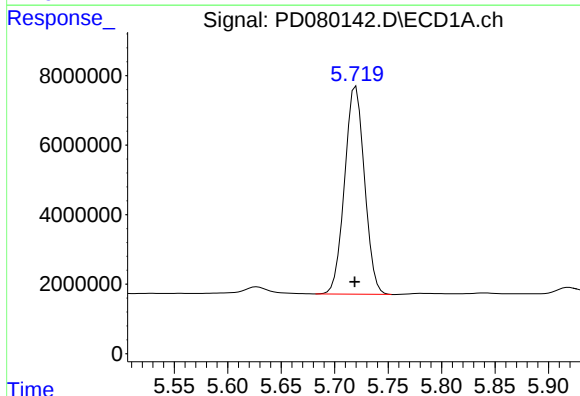
R.T.: 4.801 min  
Delta R.T.: 0.003 min  
Response: 107595308  
Conc: 46.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



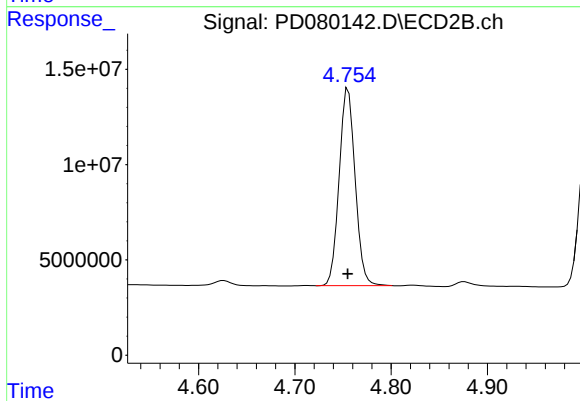
#7 delta-BHC

R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 170567161  
Conc: 44.52 ng/ml



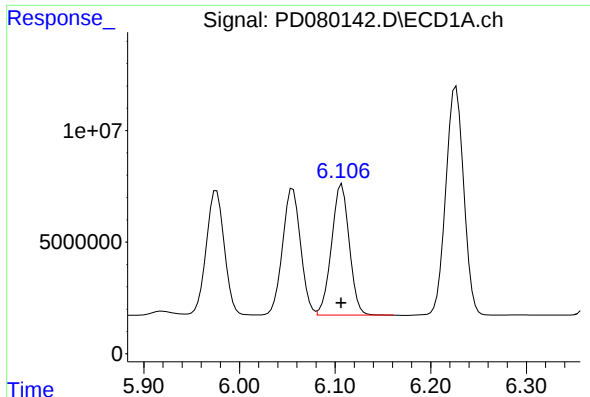
#8 Heptachlor epoxide

R.T.: 5.720 min  
Delta R.T.: 0.001 min  
Response: 77369486  
Conc: 36.98 ng/ml



#8 Heptachlor epoxide

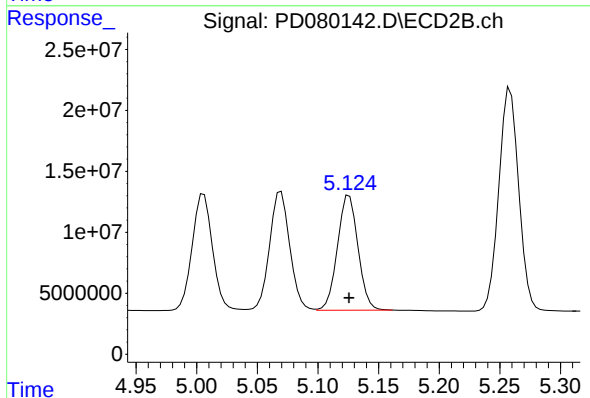
R.T.: 4.756 min  
Delta R.T.: 0.000 min  
Response: 119328697  
Conc: 36.19 ng/ml



#9 Endosulfan I

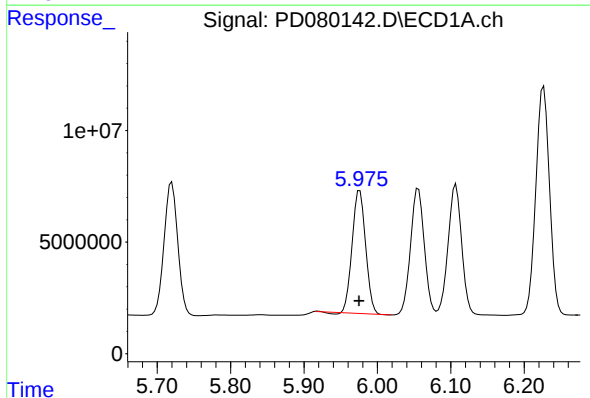
R.T.: 6.107 min  
Delta R.T.: 0.000 min  
Response: 75237062  
Conc: 36.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



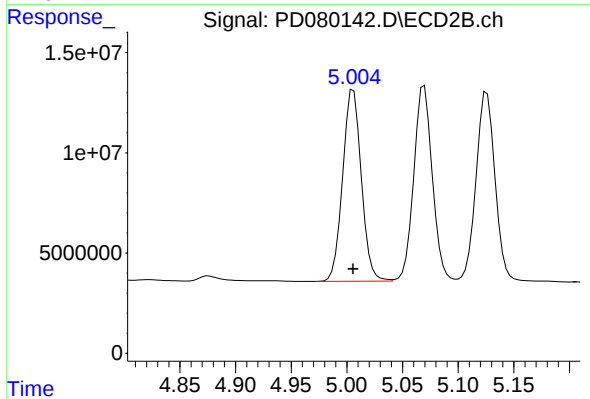
#9 Endosulfan I

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 110863288  
Conc: 35.27 ng/ml



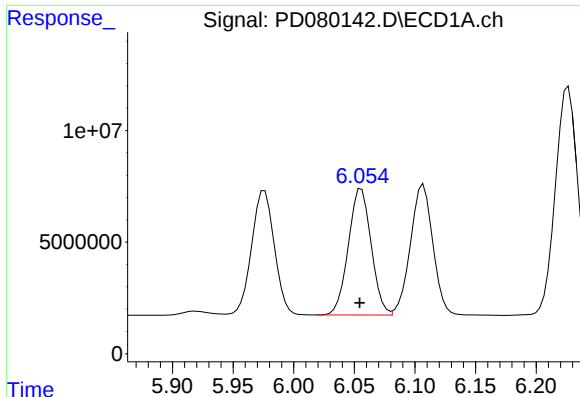
#10 trans-Chlordane

R.T.: 5.976 min  
Delta R.T.: 0.001 min  
Response: 69901637  
Conc: 34.57 ng/ml



#10 trans-Chlordane

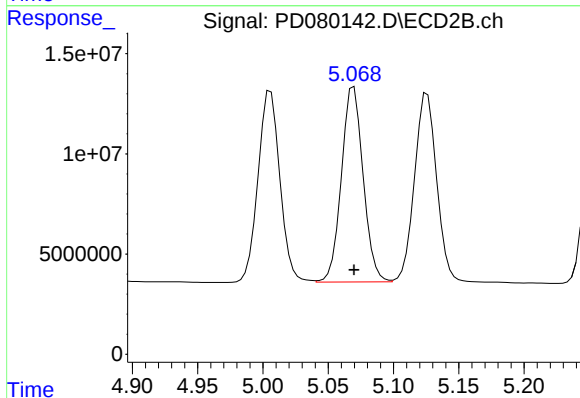
R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 111455565  
Conc: 34.54 ng/ml



#11 cis-Chlordane

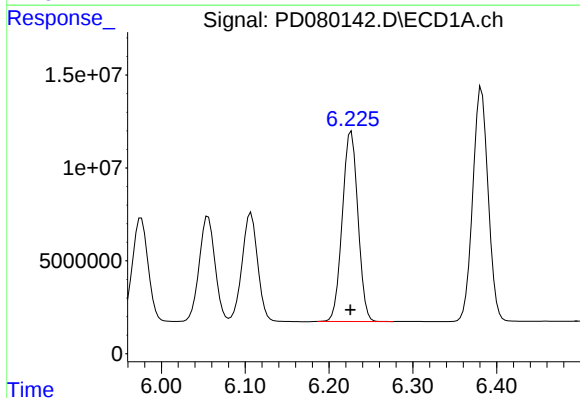
R.T.: 6.056 min  
Delta R.T.: 0.001 min  
Response: 74104710  
Conc: 35.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



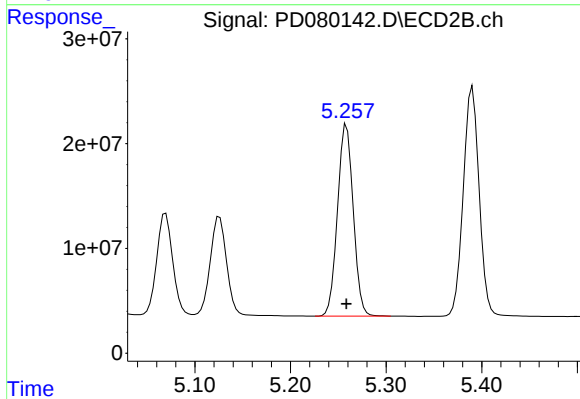
#11 cis-Chlordane

R.T.: 5.070 min  
Delta R.T.: 0.000 min  
Response: 112892365  
Conc: 34.06 ng/ml



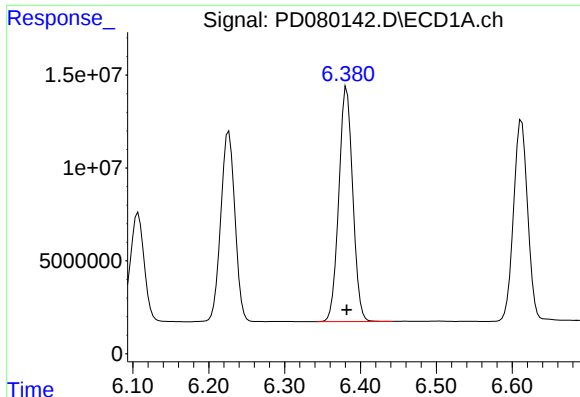
#12 4,4'-DDE

R.T.: 6.227 min  
Delta R.T.: 0.001 min  
Response: 132661942  
Conc: 69.14 ng/ml



#12 4,4'-DDE

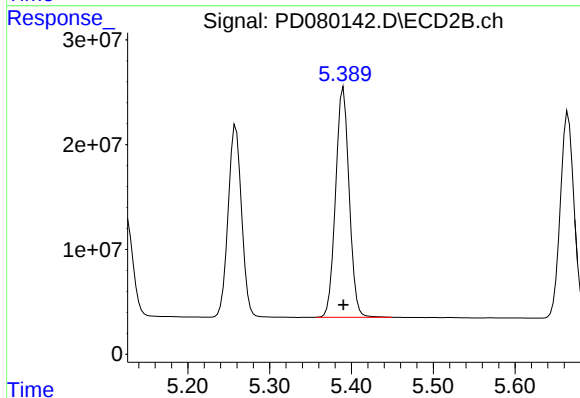
R.T.: 5.259 min  
Delta R.T.: 0.000 min  
Response: 209468578  
Conc: 68.00 ng/ml



#13 Dieldrin

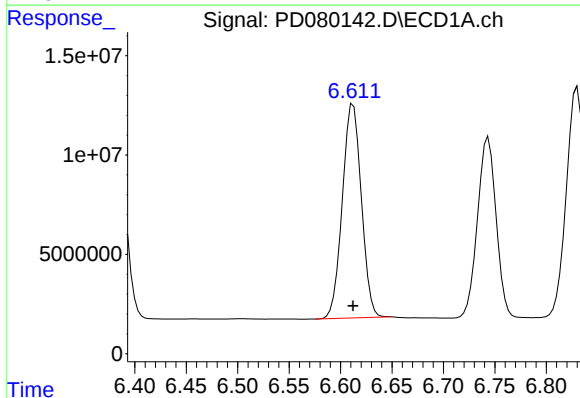
R.T.: 6.382 min  
Delta R.T.: 0.000 min  
Response: 161080791  
Conc: 74.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



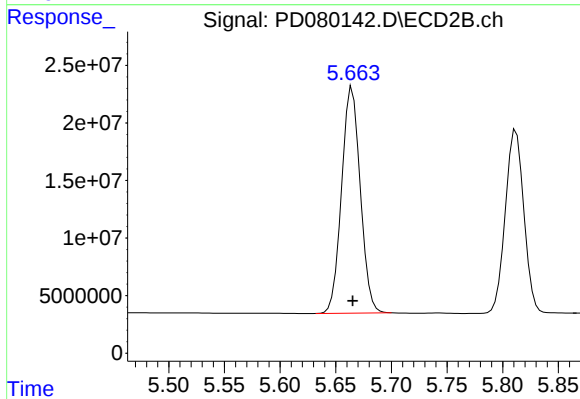
#13 Dieldrin

R.T.: 5.390 min  
Delta R.T.: 0.000 min  
Response: 253268958  
Conc: 72.98 ng/ml



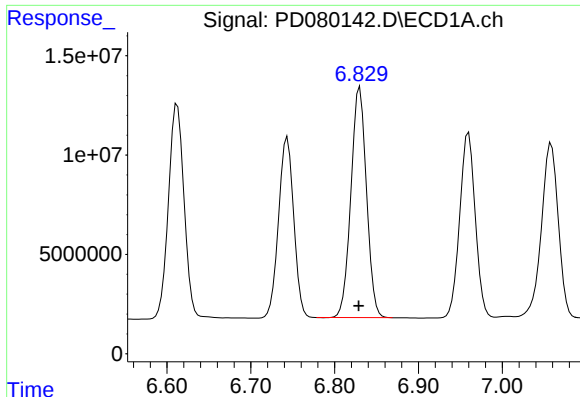
#14 Endrin

R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 138693508  
Conc: 77.41 ng/ml



#14 Endrin

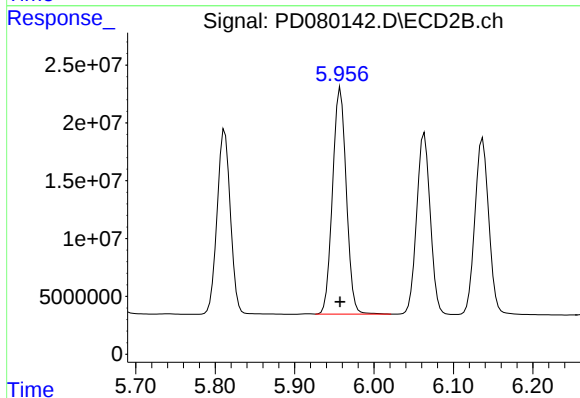
R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 229300775  
Conc: 76.47 ng/ml



#15 Endosulfan II

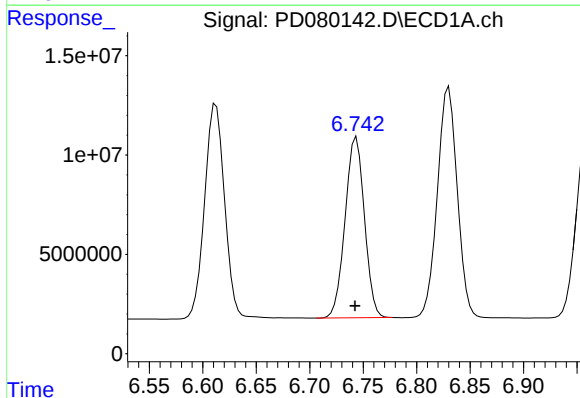
R.T.: 6.830 min  
Delta R.T.: 0.001 min  
Response: 150043966  
Conc: 81.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



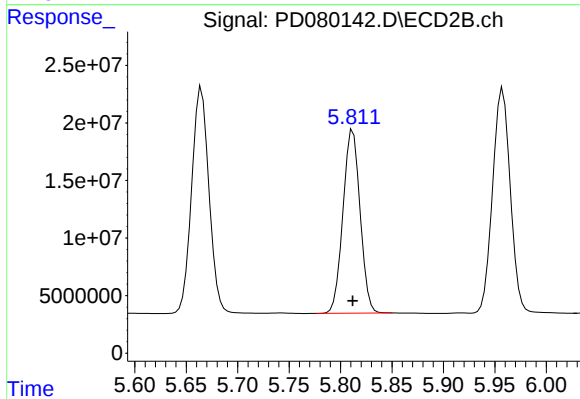
#15 Endosulfan II

R.T.: 5.958 min  
Delta R.T.: 0.000 min  
Response: 234738327  
Conc: 81.43 ng/ml



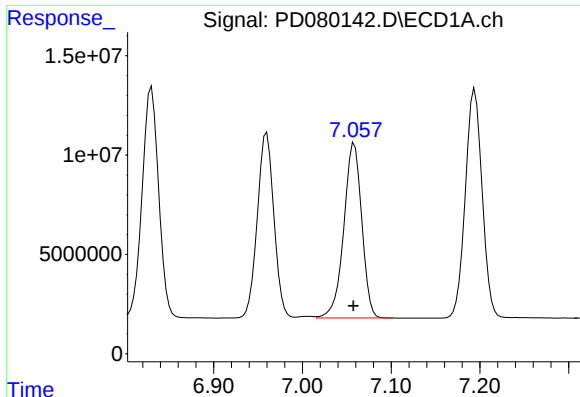
#16 4,4'-DDD

R.T.: 6.744 min  
Delta R.T.: 0.001 min  
Response: 114549097  
Conc: 71.47 ng/ml



#16 4,4'-DDD

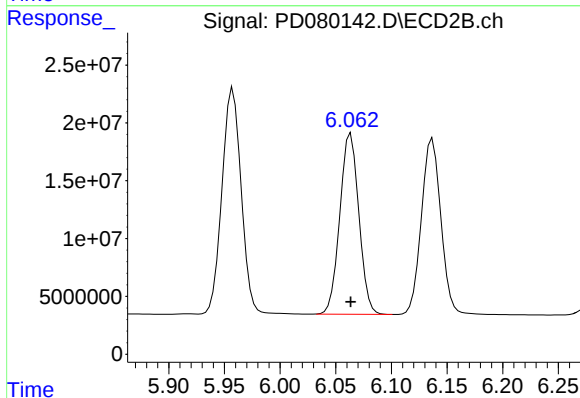
R.T.: 5.812 min  
Delta R.T.: 0.000 min  
Response: 184596093  
Conc: 69.87 ng/ml



#17 4,4'-DDT

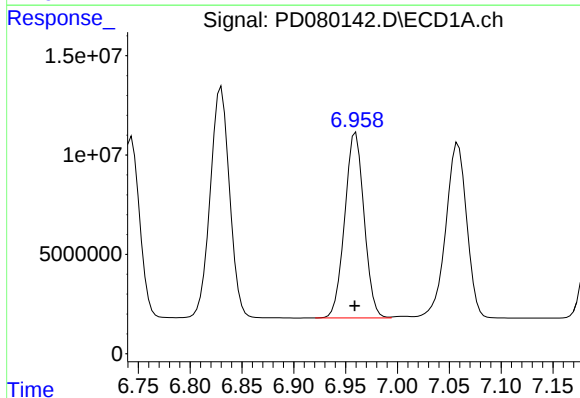
R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 123714797  
Conc: 71.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



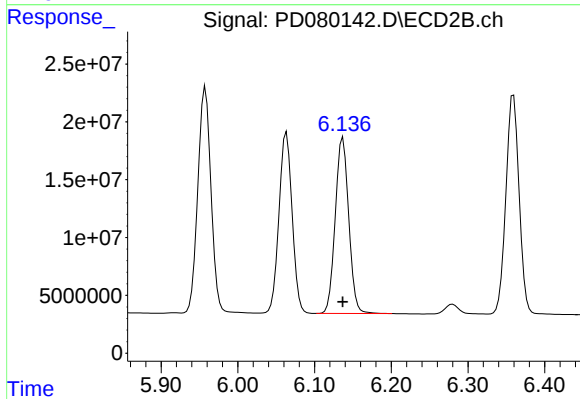
#17 4,4'-DDT

R.T.: 6.063 min  
Delta R.T.: 0.000 min  
Response: 185962129  
Conc: 66.91 ng/ml



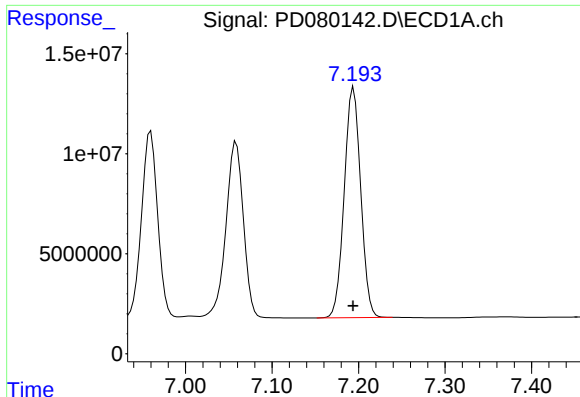
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: 0.000 min  
Response: 121046091  
Conc: 83.93 ng/ml



#18 Endrin aldehyde

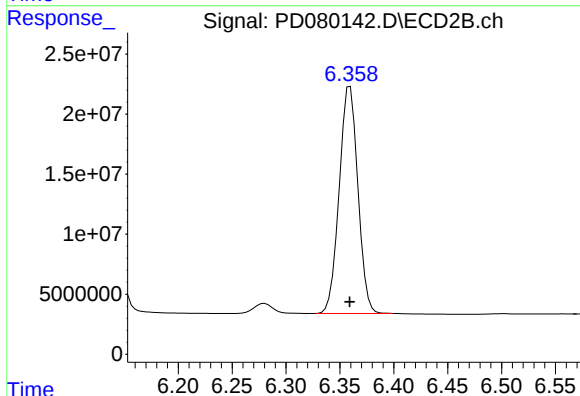
R.T.: 6.137 min  
Delta R.T.: 0.000 min  
Response: 185793146  
Conc: 82.80 ng/ml



#19 Endosulfan Sulfate

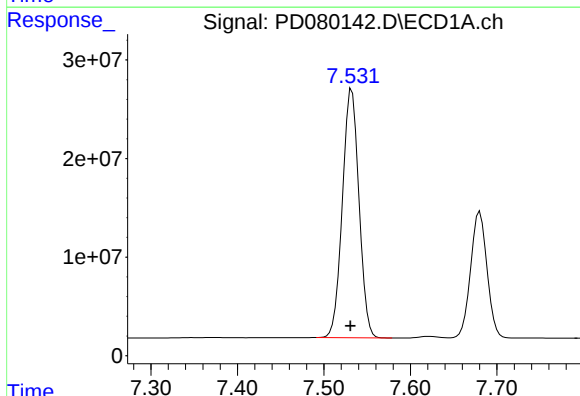
R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 151492039  
Conc: 86.04 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



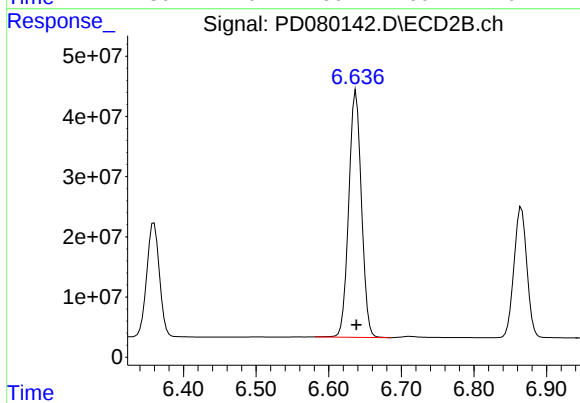
#19 Endosulfan Sulfate

R.T.: 6.359 min  
Delta R.T.: 0.000 min  
Response: 228072640  
Conc: 84.49 ng/ml



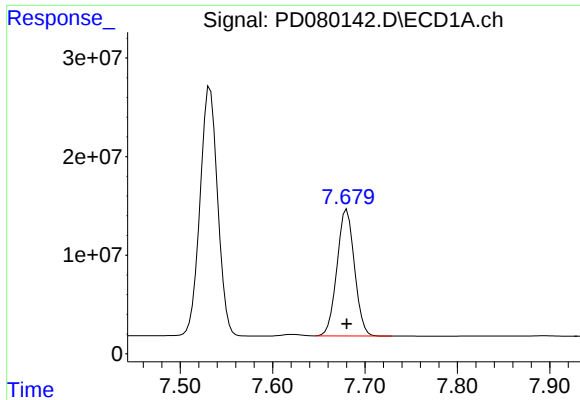
#20 Methoxychlor

R.T.: 7.532 min  
Delta R.T.: 0.002 min  
Response: 334483651  
Conc: 373.68 ng/ml



#20 Methoxychlor

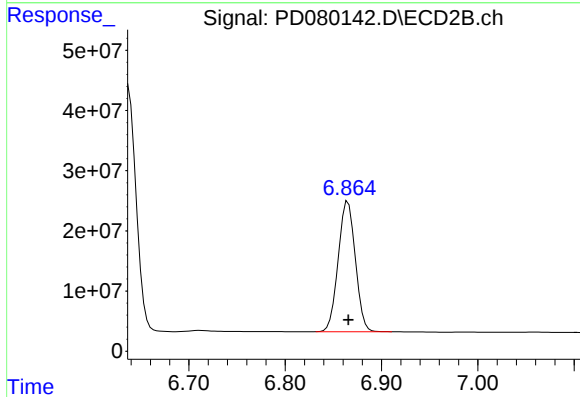
R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 498570251  
Conc: 359.82 ng/ml



#21 Endrin ketone

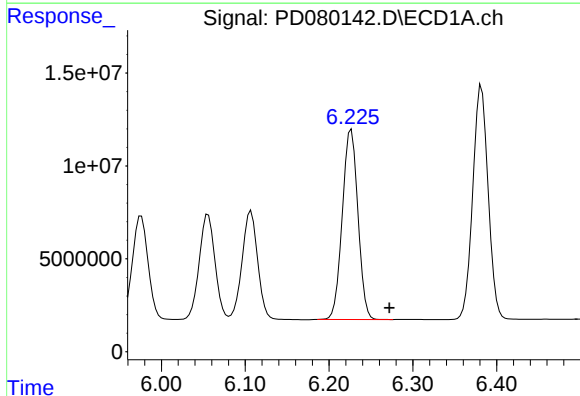
R.T.: 7.680 min  
Delta R.T.: 0.000 min  
Response: 168696434  
Conc: 88.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



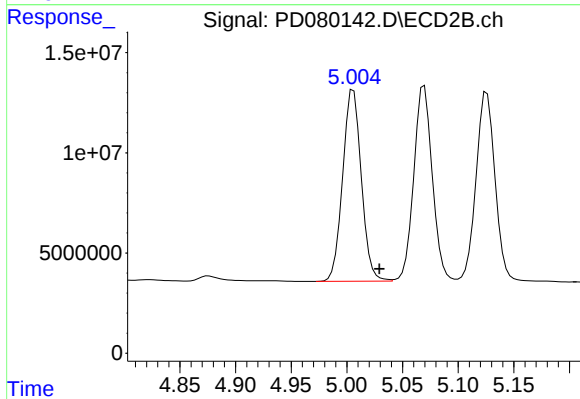
#21 Endrin ketone

R.T.: 6.865 min  
Delta R.T.: 0.000 min  
Response: 267965797  
Conc: 86.36 ng/ml



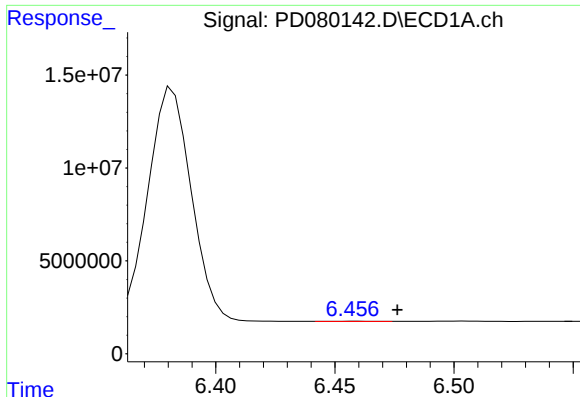
#22 Toxaphene-1

R.T.: 6.227 min  
Delta R.T.: -0.046 min  
Response: 132661942  
Conc: 9030.66 ng/ml



#22 Toxaphene-1

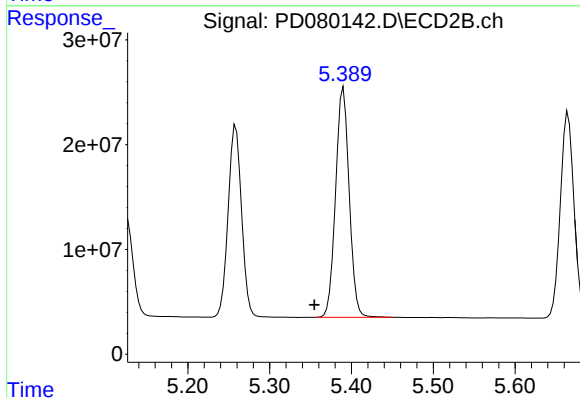
R.T.: 5.006 min  
Delta R.T.: -0.023 min  
Response: 111455565  
Conc: 6542.39 ng/ml



#23 Toxaphene-2

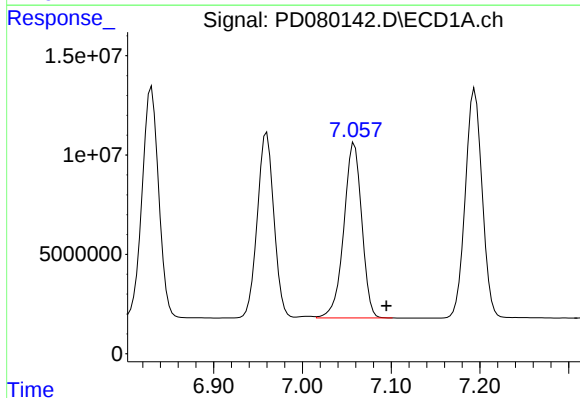
R.T.: 6.458 min  
Delta R.T.: -0.019 min  
Response: 200976  
Conc: 11.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



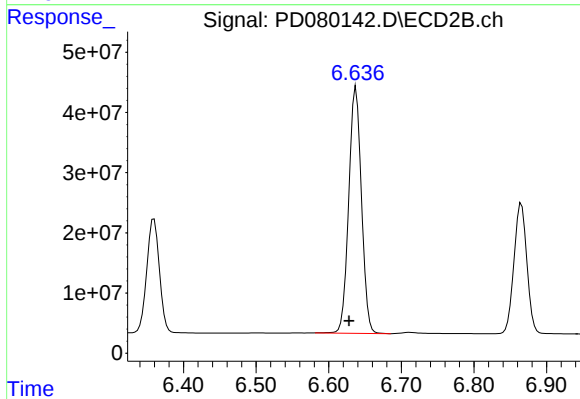
#23 Toxaphene-2

R.T.: 5.390 min  
Delta R.T.: 0.036 min  
Response: 253268958  
Conc: 14415.02 ng/ml



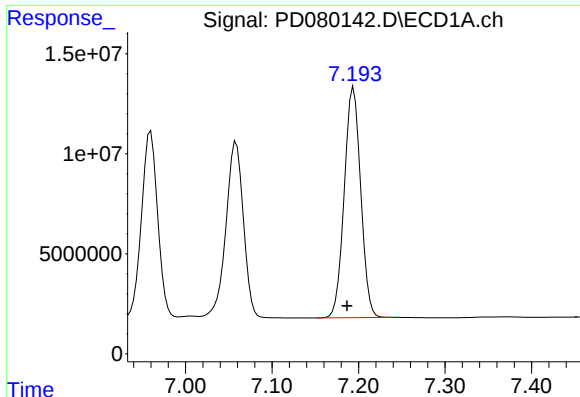
#24 Toxaphene-3

R.T.: 7.058 min  
Delta R.T.: -0.036 min  
Response: 123714797  
Conc: 2346.26 ng/ml



#24 Toxaphene-3

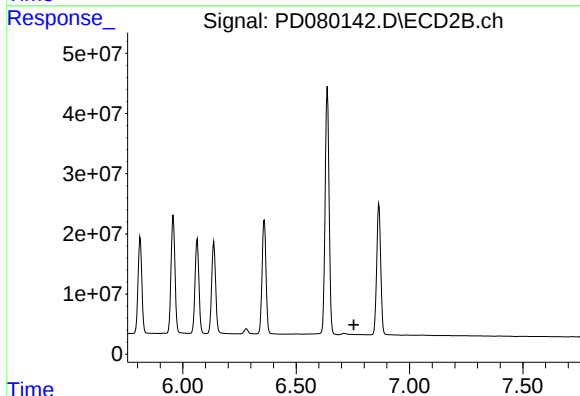
R.T.: 6.638 min  
Delta R.T.: 0.010 min  
Response: 498570251  
Conc: 7867.29 ng/ml



#25 Toxaphene-4

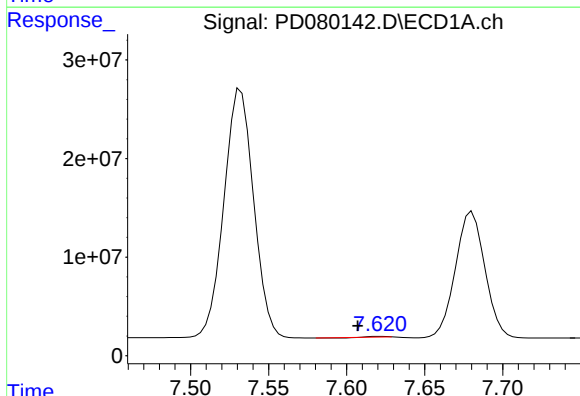
R.T.: 7.194 min  
Delta R.T.: 0.008 min  
Response: 151492039  
Conc: 3830.30 ng/m

Instrument :  
ECD\_D  
ClientSampleId :



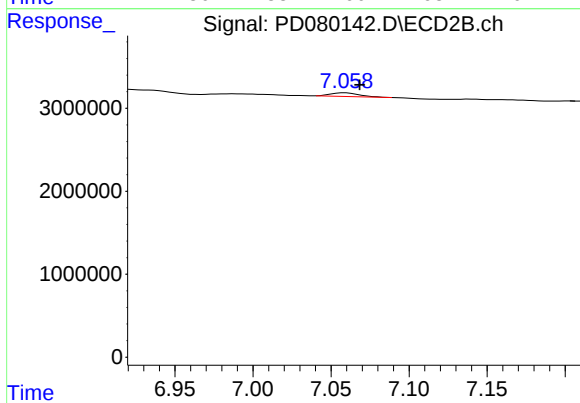
#25 Toxaphene-4

R.T.: 6.789 min  
Delta R.T.: 0.035 min  
Response: -2195  
Conc: N.D.



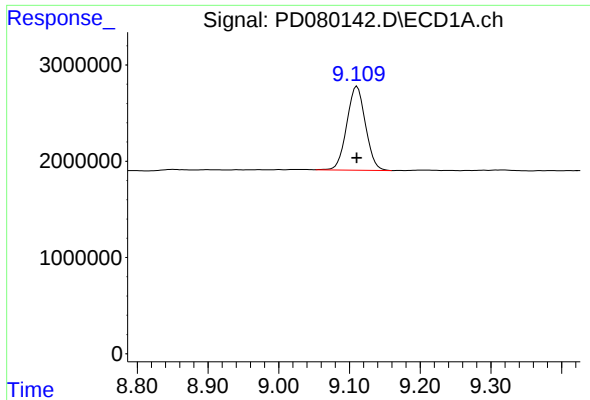
#26 Toxaphene-5

R.T.: 7.622 min  
Delta R.T.: 0.015 min  
Response: 264206  
Conc: 8.72 ng/ml



#26 Toxaphene-5

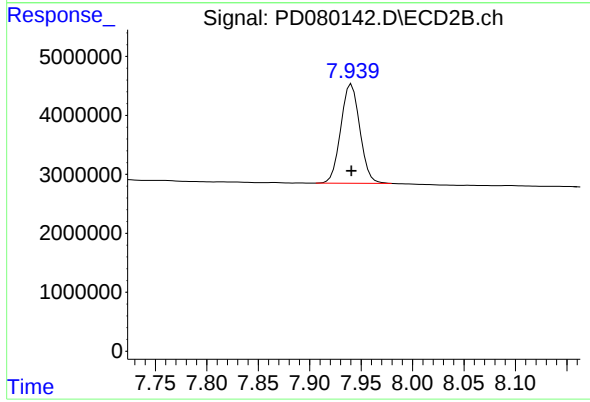
R.T.: 7.059 min  
Delta R.T.: -0.009 min  
Response: 547514  
Conc: 15.24 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.111 min  
Delta R.T.: 0.000 min  
Response: 15983531  
Conc: 8.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.941 min  
Delta R.T.: 0.000 min  
Response: 21732543  
Conc: 8.02 ng/ml