

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082522\  
 Data File : PD071654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Aug 2022 11:47  
 Operator : AR\AJ  
 Sample : PB147166BS  
 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: Aug 26 06:46:46 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 11 04:21:34 2022  
 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

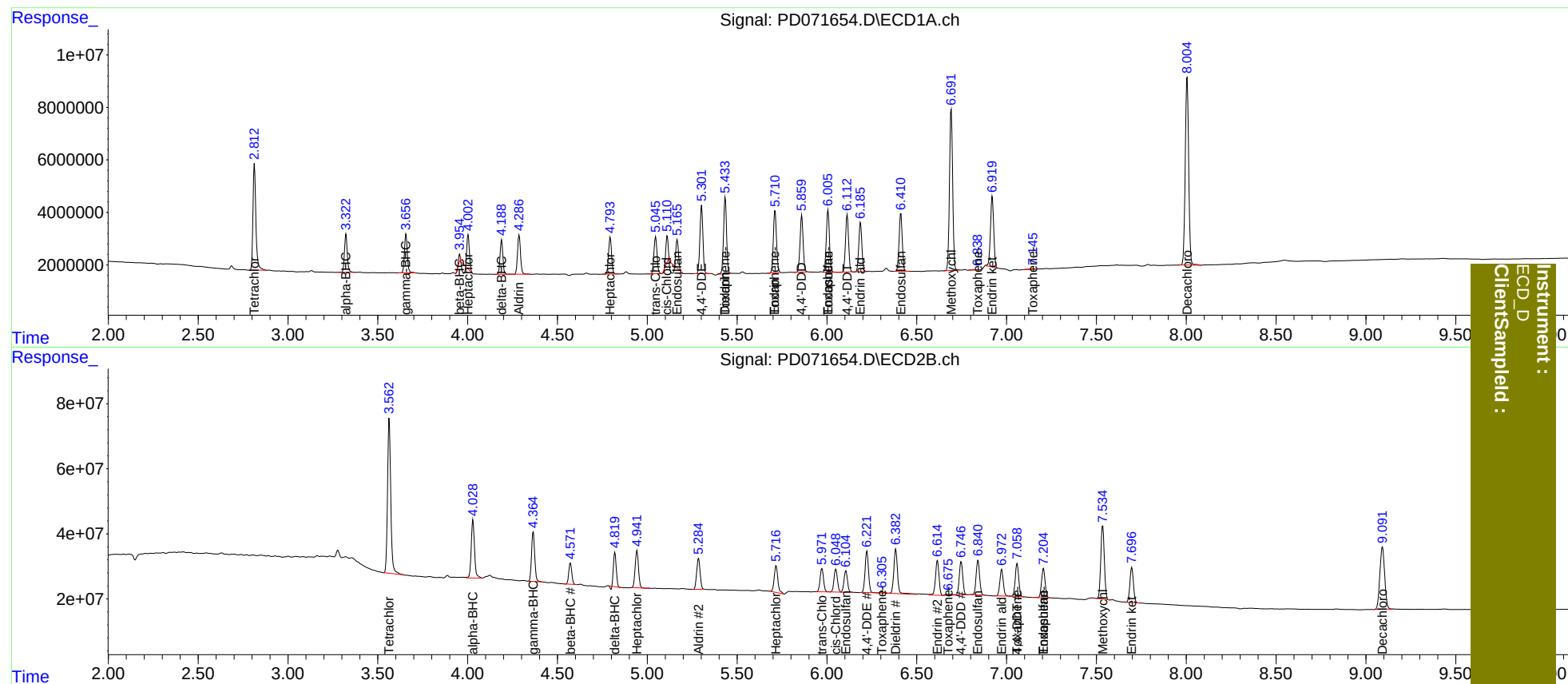
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-----------|
| -----                       |                 |        |        |          |          |          |           |
| System Monitoring Compounds |                 |        |        |          |          |          |           |
| 1)                          | SA Tetrachlo... | 2.814  | 3.564  | 45325947 | 593.9E6  | 15.889   | 18.119    |
| 27)                         | SA Decachlor... | 8.005  | 9.092  | 95300731 | 357.7E6  | 33.943   | 37.316    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.323  | 4.030  | 15865026 | 228.2E6  | 3.856    | 5.404 #   |
| 3)                          | MA gamma-BHC... | 3.657  | 4.365  | 16522544 | 186.3E6  | 4.198    | 5.300 #   |
| 4)                          | MA Heptachlor   | 4.003  | 4.943  | 9281776  | 148.3E6  | 2.282    | 5.767 #   |
| 5)                          | MB Aldrin       | 4.287  | 5.286  | 17345707 | 125.9E6  | 4.186    | 5.624 #   |
| 6)                          | B beta-BHC      | 3.956  | 4.572  | 1548195  | 75408641 | 0.875    | 5.220 #   |
| 7)                          | B delta-BHC     | 4.189  | 4.820  | 13967132 | 109.2E6  | 3.519    | 3.894     |
| 8)                          | B Heptachlo...  | 4.794  | 5.717  | 16557422 | 116.9E6  | 4.343    | 5.874 #   |
| 9)                          | A Endosulfan I  | 5.167  | 6.106  | 6265575  | 88301770 | 1.841    | 5.477 #   |
| 10)                         | B trans-Chl...  | 5.047  | 5.972  | 16749960 | 95609636 | 4.210    | 5.231     |
| 11)                         | B cis-Chlor...  | 5.111  | 6.050  | 8525695  | 93635454 | 2.190    | 5.242 #   |
| 12)                         | B 4,4'-DDE      | 5.303  | 6.223  | 29970930 | 169.9E6  | 8.432    | 10.793 #  |
| 13)                         | MA Dieldrin     | 5.434  | 6.383  | 33641544 | 197.0E6  | 8.871    | 11.888 #  |
| 14)                         | MA Endrin       | 5.711  | 6.615  | 28910732 | 145.7E6  | 8.817    | 11.483 #  |
| 15)                         | B Endosulfa...  | 6.006  | 6.841  | 28489046 | 142.6E6  | 9.134    | 10.904    |
| 16)                         | A 4,4'-DDD      | 5.860  | 6.747  | 25810652 | 139.3E6  | 9.487    | 11.443    |
| 17)                         | MA 4,4'-DDT     | 6.113  | 7.059  | 25798810 | 135.5E6  | 9.132    | 11.455 #  |
| 18)                         | B Endrin al...  | 6.187  | 6.973  | 22076169 | 108.6E6  | 8.231    | 9.874     |
| 19)                         | B Endosulfa...  | 6.412  | 7.205  | 27002752 | 124.2E6  | 8.776    | 10.134    |
| 20)                         | A Methoxychlor  | 6.692  | 7.535  | 75488428 | 308.6E6  | 52.286   | 58.664    |
| 21)                         | B Endrin ke...  | 6.920  | 7.697  | 33538732 | 147.7E6  | 9.814    | 11.252    |
| 22)                         | Toxaphene-1     | 5.434f | 6.307f | 33641544 | 5866501  | 1842.621 | 48.202 #  |
| 23)                         | Toxaphene-2     | 5.711f | 6.676  | 28910732 | 8960372  | 1426.742 | 99.967 #  |
| 24)                         | Toxaphene-3     | 6.006  | 7.059  | 28489046 | 135.5E6  | 1238.998 | 403.772 # |
| 25)                         | Toxaphene-4     | 6.839f | 7.205  | 179039   | 124.2E6  | 1.905    | 460.390 # |
| 26)                         | Toxaphene-5     | 7.147  | 0.000  | 445180   | 0        | 10.488   | N.D. #    |
| -----                       |                 |        |        |          |          |          |           |

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

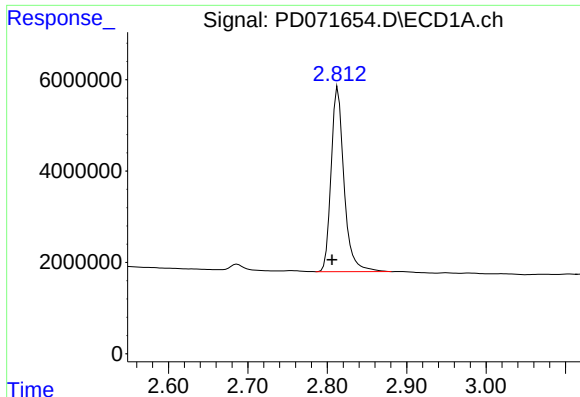
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD082522\  
Data File : PD071654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Aug 2022 11:47  
Operator : AR\AJ  
Sample : PB147166BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 26 06:46:46 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081122CLP.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 11 04:21:34 2022  
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



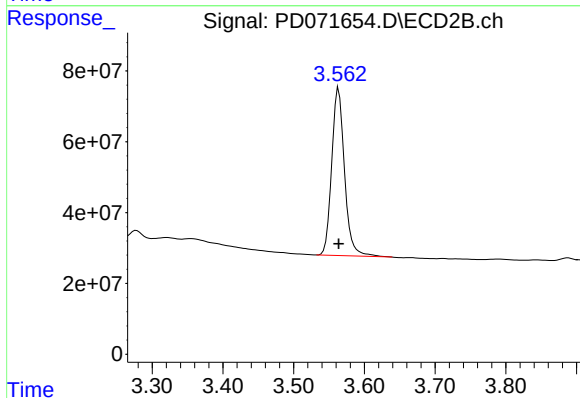
Instrument :  
ECD\_D  
ClientSampled :



#1 Tetrachloro-m-xylene

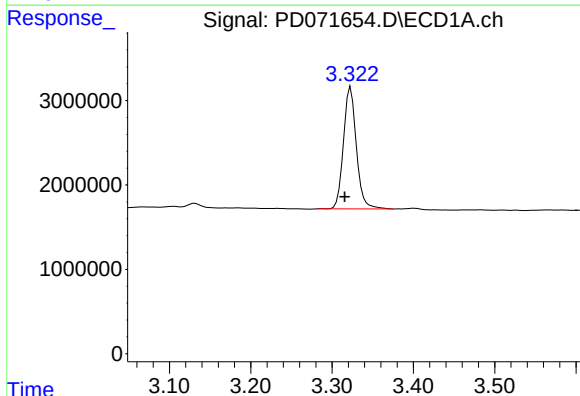
R.T.: 2.814 min  
Delta R.T.: 0.008 min  
Response: 45325947  
Conc: 15.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



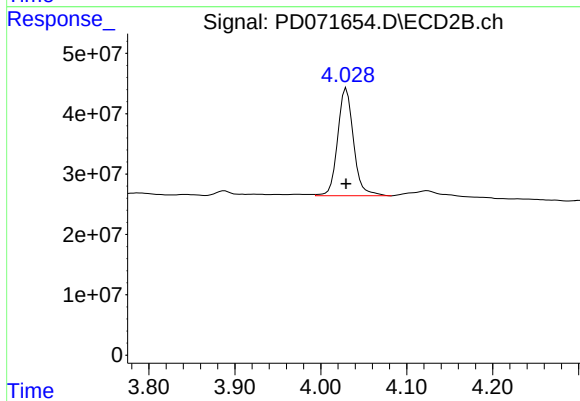
#1 Tetrachloro-m-xylene

R.T.: 3.564 min  
Delta R.T.: 0.000 min  
Response: 593895684  
Conc: 18.12 ng/ml



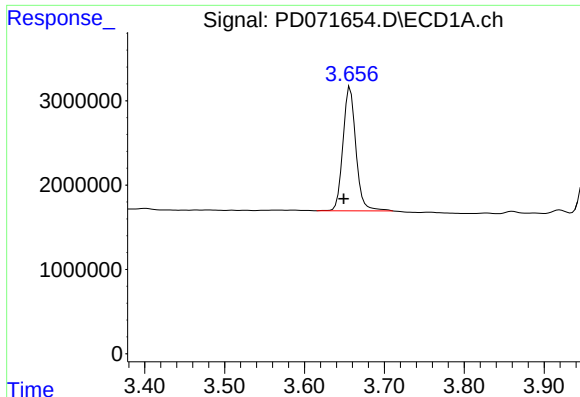
#2 alpha-BHC

R.T.: 3.323 min  
Delta R.T.: 0.007 min  
Response: 15865026  
Conc: 3.86 ng/ml



#2 alpha-BHC

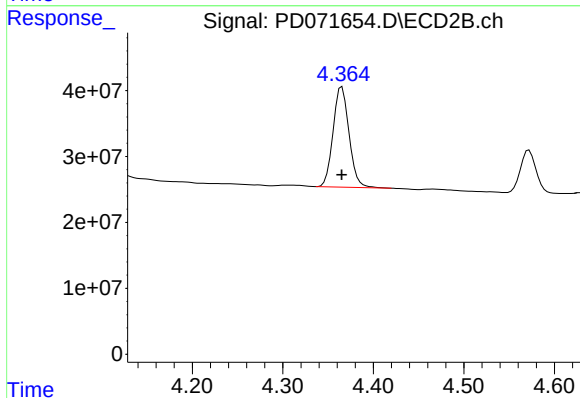
R.T.: 4.030 min  
Delta R.T.: 0.000 min  
Response: 228224472  
Conc: 5.40 ng/ml



#3 gamma-BHC (Lindane)

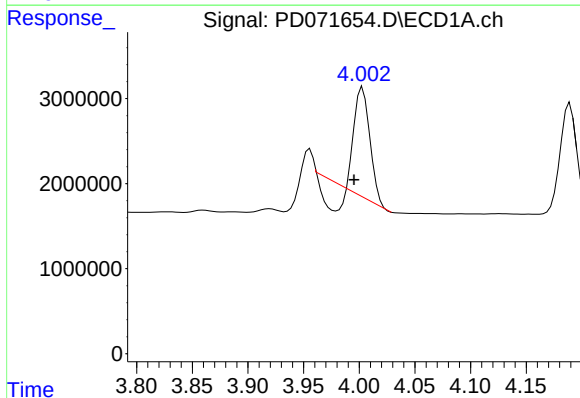
R.T.: 3.657 min  
Delta R.T.: 0.008 min  
Response: 16522544  
Conc: 4.20 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



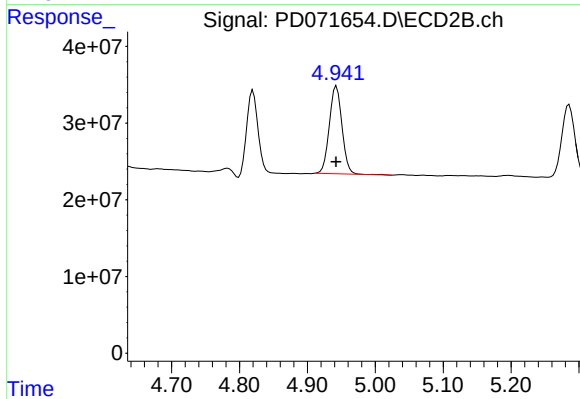
#3 gamma-BHC (Lindane)

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 186274254  
Conc: 5.30 ng/ml



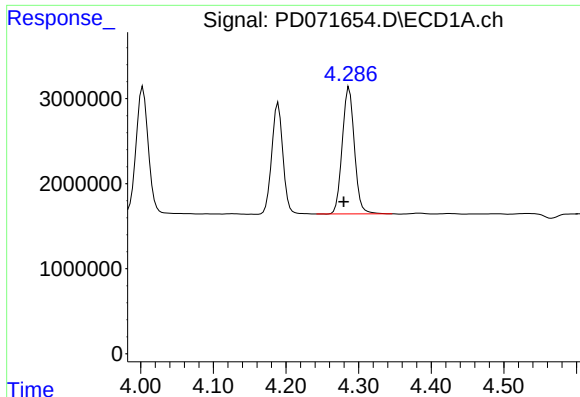
#4 Heptachlor

R.T.: 4.003 min  
Delta R.T.: 0.007 min  
Response: 9281776  
Conc: 2.28 ng/ml



#4 Heptachlor

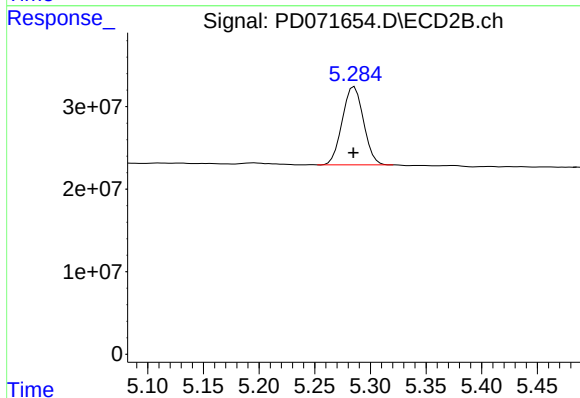
R.T.: 4.943 min  
Delta R.T.: 0.000 min  
Response: 148303519  
Conc: 5.77 ng/ml



#5 Aldrin

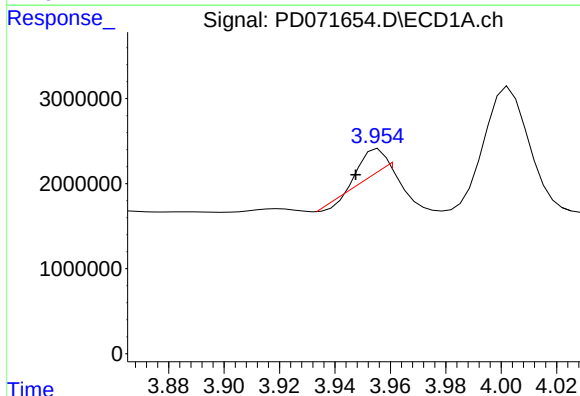
R.T.: 4.287 min  
Delta R.T.: 0.008 min  
Response: 17345707  
Conc: 4.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



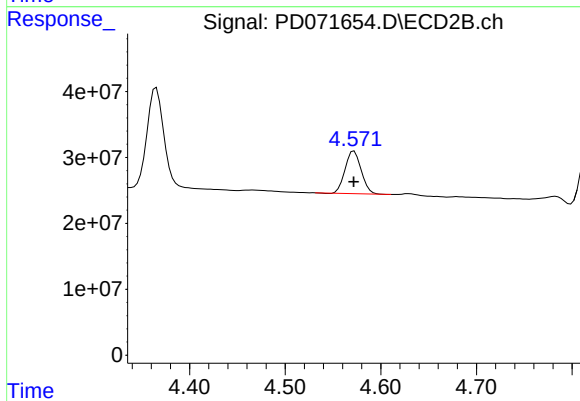
#5 Aldrin

R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 125850447  
Conc: 5.62 ng/ml



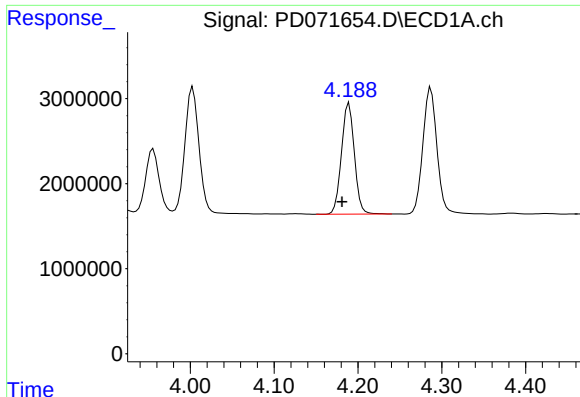
#6 beta-BHC

R.T.: 3.956 min  
Delta R.T.: 0.008 min  
Response: 1548195  
Conc: 0.87 ng/ml



#6 beta-BHC

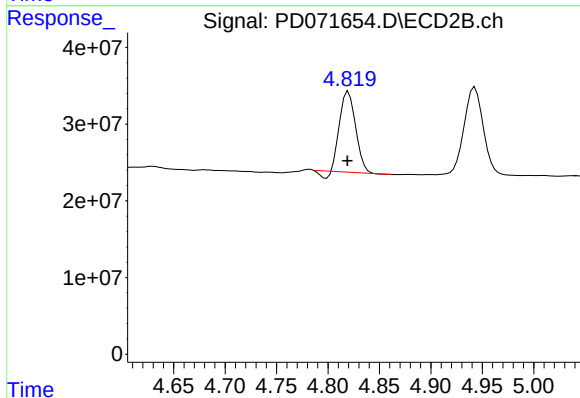
R.T.: 4.572 min  
Delta R.T.: 0.000 min  
Response: 75408641  
Conc: 5.22 ng/ml



#7 delta-BHC

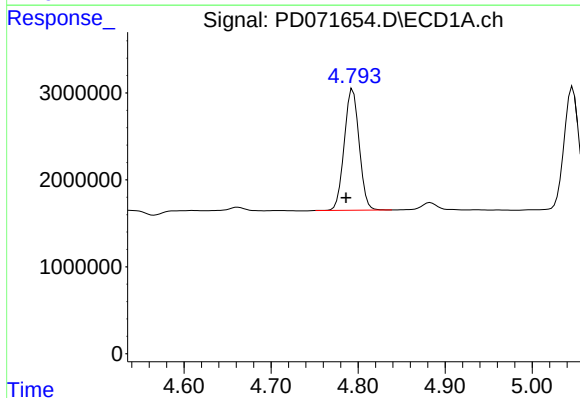
R.T.: 4.189 min  
Delta R.T.: 0.008 min  
Response: 13967132  
Conc: 3.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



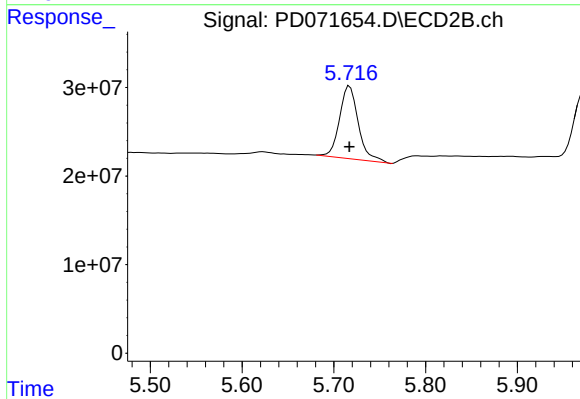
#7 delta-BHC

R.T.: 4.820 min  
Delta R.T.: 0.000 min  
Response: 109192498  
Conc: 3.89 ng/ml



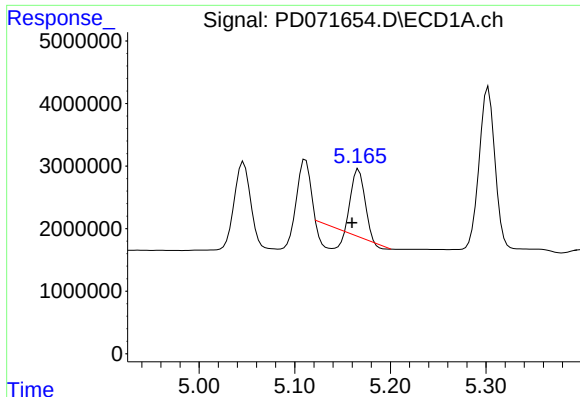
#8 Heptachlor epoxide

R.T.: 4.794 min  
Delta R.T.: 0.008 min  
Response: 16557422  
Conc: 4.34 ng/ml



#8 Heptachlor epoxide

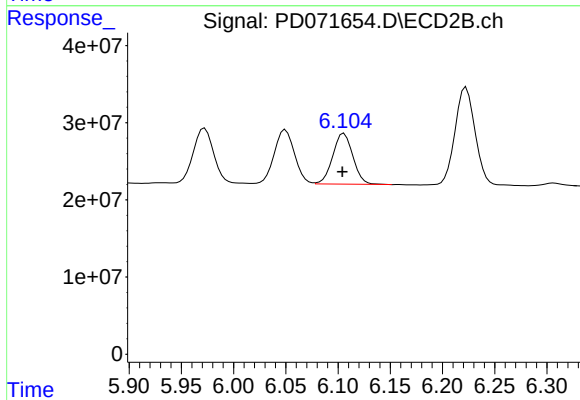
R.T.: 5.717 min  
Delta R.T.: 0.000 min  
Response: 116925917  
Conc: 5.87 ng/ml



#9 Endosulfan I

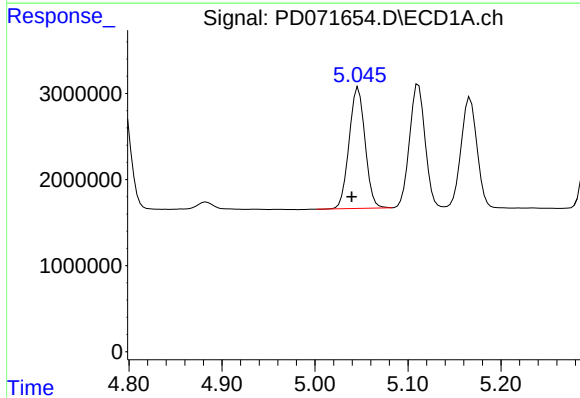
R.T.: 5.167 min  
Delta R.T.: 0.007 min  
Response: 6265575  
Conc: 1.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



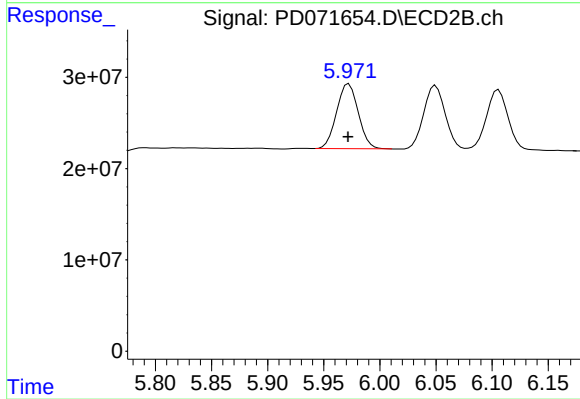
#9 Endosulfan I

R.T.: 6.106 min  
Delta R.T.: 0.002 min  
Response: 88301770  
Conc: 5.48 ng/ml



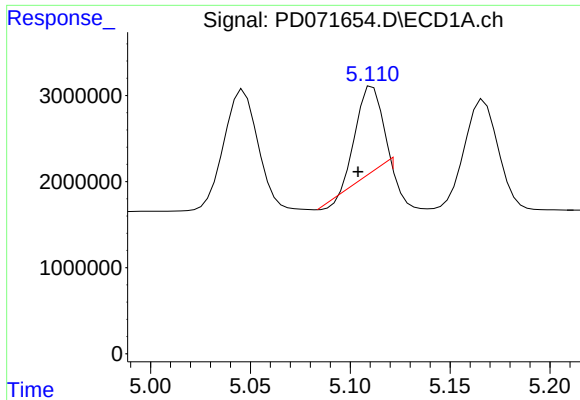
#10 trans-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.007 min  
Response: 16749960  
Conc: 4.21 ng/ml



#10 trans-Chlordane

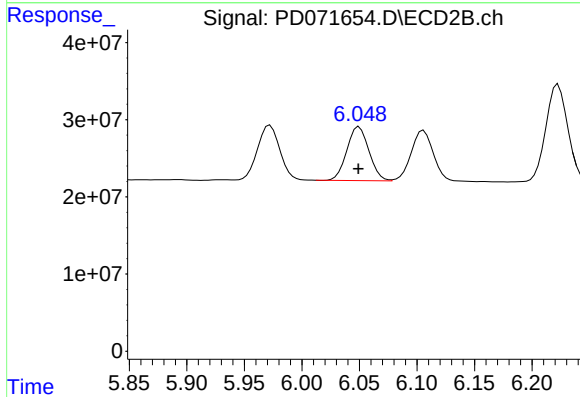
R.T.: 5.972 min  
Delta R.T.: 0.000 min  
Response: 95609636  
Conc: 5.23 ng/ml



#11 cis-Chlordane

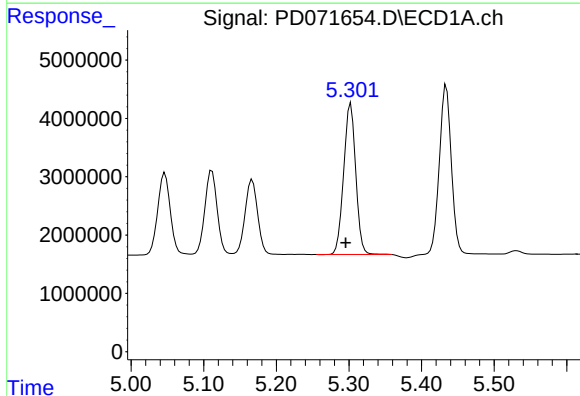
R.T.: 5.111 min  
Delta R.T.: 0.007 min  
Response: 8525695  
Conc: 2.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



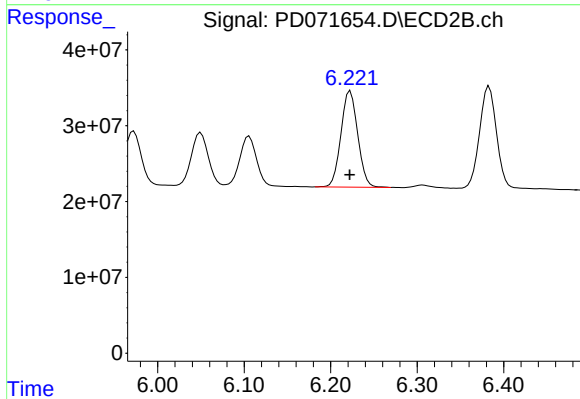
#11 cis-Chlordane

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 93635454  
Conc: 5.24 ng/ml



#12 4,4'-DDE

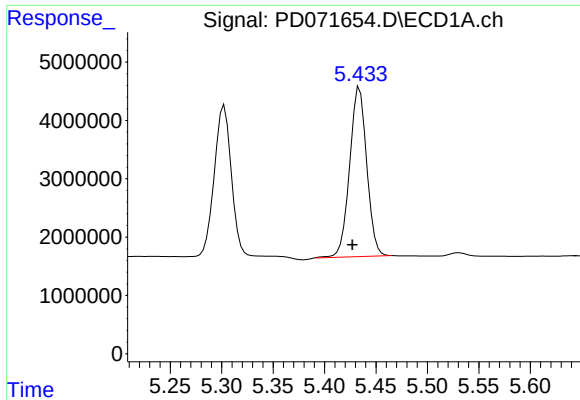
R.T.: 5.303 min  
Delta R.T.: 0.007 min  
Response: 29970930  
Conc: 8.43 ng/ml



#12 4,4'-DDE

R.T.: 6.223 min  
Delta R.T.: 0.000 min  
Response: 169869733  
Conc: 10.79 ng/ml

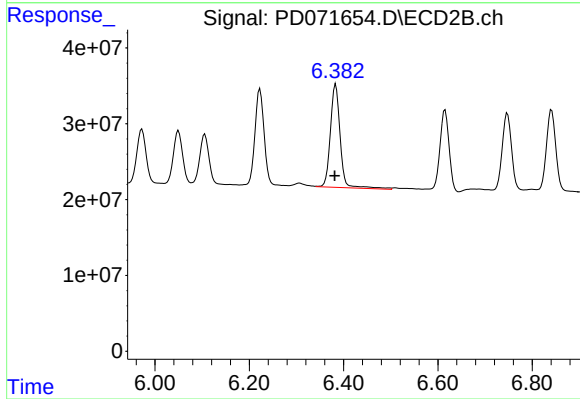




#13 Dieldrin

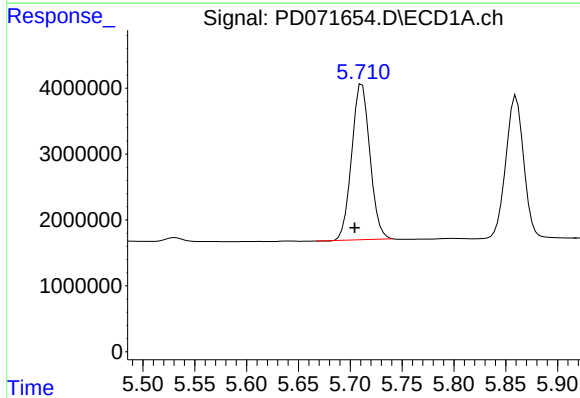
R.T.: 5.434 min  
Delta R.T.: 0.007 min  
Response: 33641544  
Conc: 8.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



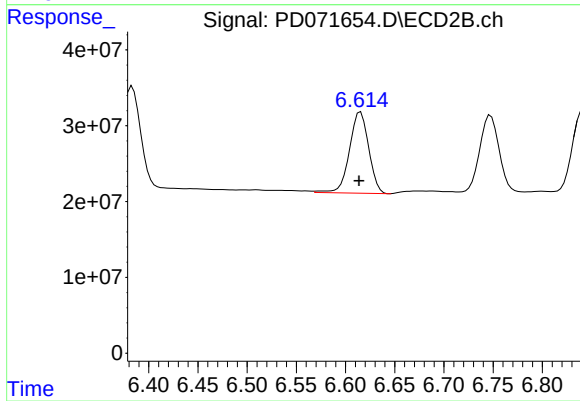
#13 Dieldrin

R.T.: 6.383 min  
Delta R.T.: 0.002 min  
Response: 196950869  
Conc: 11.89 ng/ml



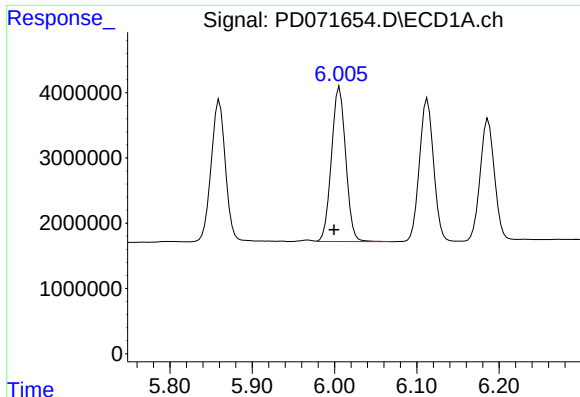
#14 Endrin

R.T.: 5.711 min  
Delta R.T.: 0.007 min  
Response: 28910732  
Conc: 8.82 ng/ml



#14 Endrin

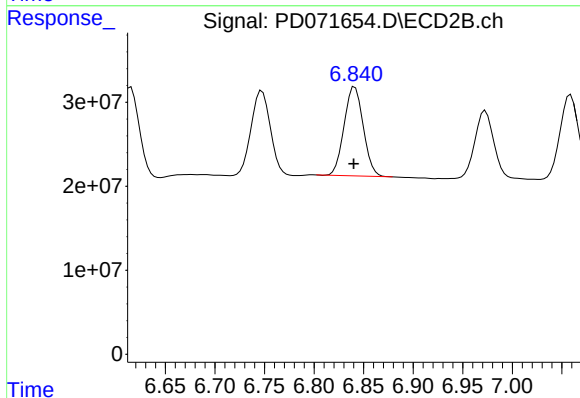
R.T.: 6.615 min  
Delta R.T.: 0.001 min  
Response: 145731297  
Conc: 11.48 ng/ml



#15 Endosulfan II

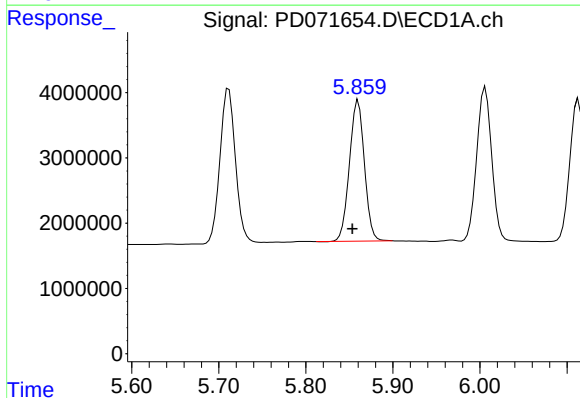
R.T.: 6.006 min  
Delta R.T.: 0.007 min  
Response: 28489046  
Conc: 9.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



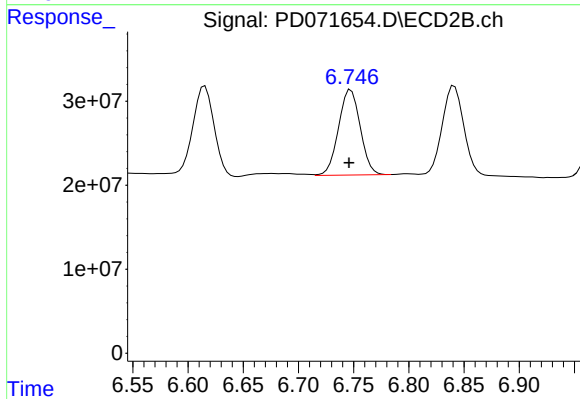
#15 Endosulfan II

R.T.: 6.841 min  
Delta R.T.: 0.001 min  
Response: 142556526  
Conc: 10.90 ng/ml



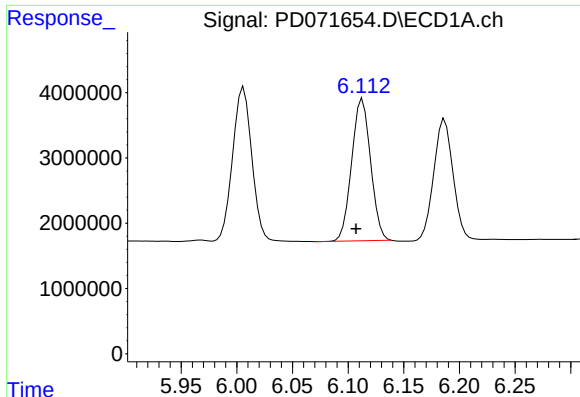
#16 4,4'-DDD

R.T.: 5.860 min  
Delta R.T.: 0.007 min  
Response: 25810652  
Conc: 9.49 ng/ml



#16 4,4'-DDD

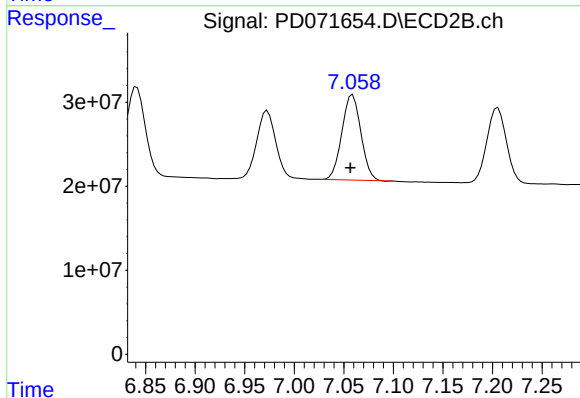
R.T.: 6.747 min  
Delta R.T.: 0.002 min  
Response: 139327793  
Conc: 11.44 ng/ml



#17 4,4'-DDT

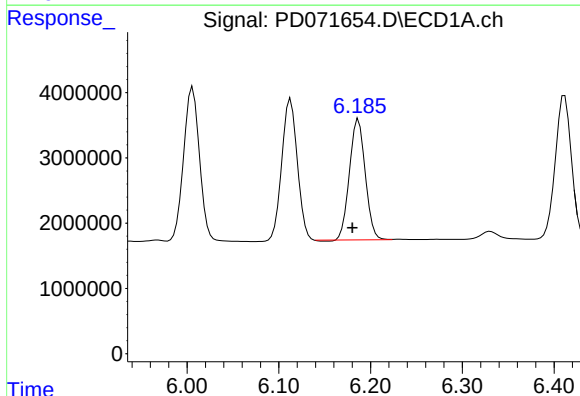
R.T.: 6.113 min  
Delta R.T.: 0.006 min  
Response: 25798810  
Conc: 9.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



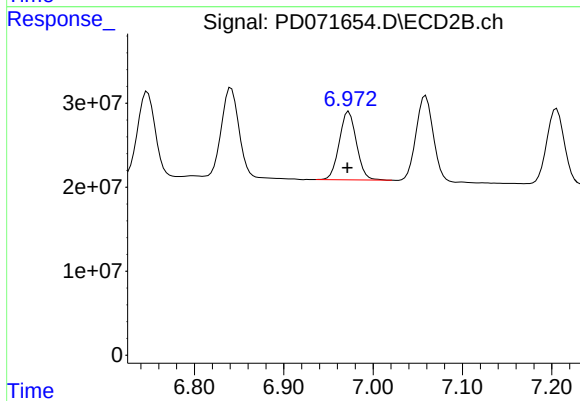
#17 4,4'-DDT

R.T.: 7.059 min  
Delta R.T.: 0.002 min  
Response: 135512727  
Conc: 11.46 ng/ml



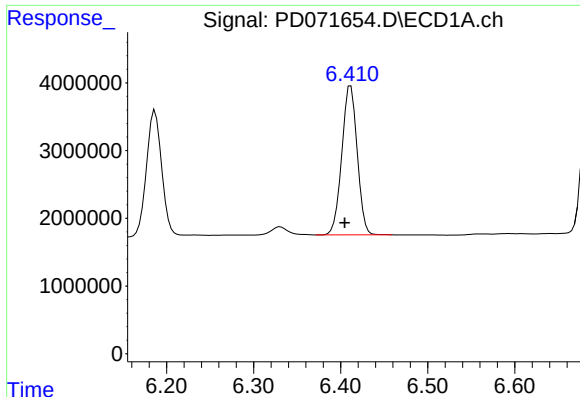
#18 Endrin aldehyde

R.T.: 6.187 min  
Delta R.T.: 0.007 min  
Response: 22076169  
Conc: 8.23 ng/ml



#18 Endrin aldehyde

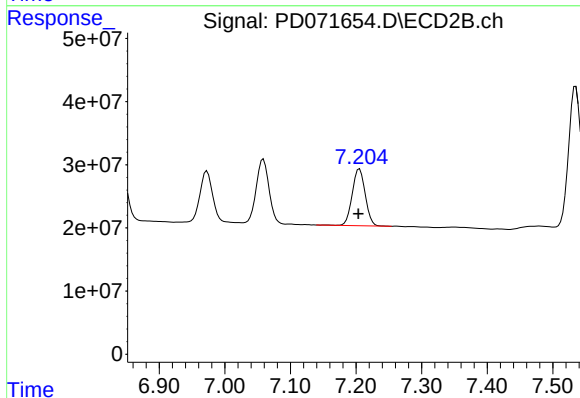
R.T.: 6.973 min  
Delta R.T.: 0.002 min  
Response: 108563742  
Conc: 9.87 ng/ml



#19 Endosulfan Sulfate

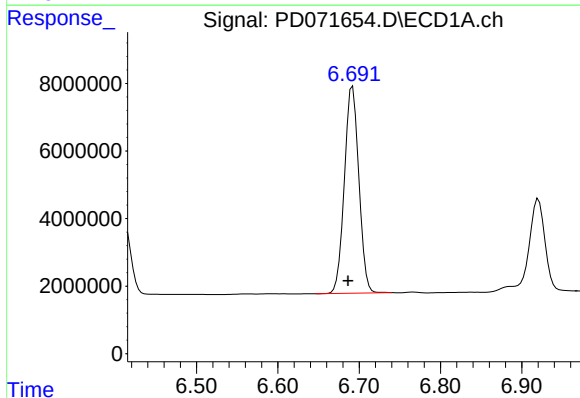
R.T.: 6.412 min  
Delta R.T.: 0.007 min  
Response: 27002752  
Conc: 8.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



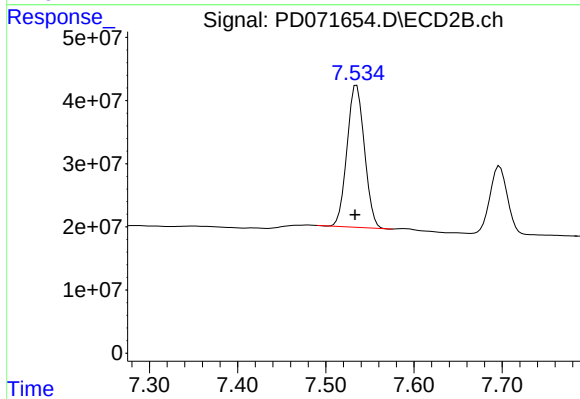
#19 Endosulfan Sulfate

R.T.: 7.205 min  
Delta R.T.: 0.002 min  
Response: 124226878  
Conc: 10.13 ng/ml



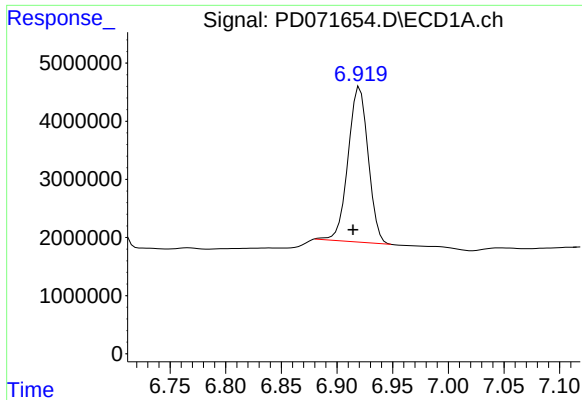
#20 Methoxychlor

R.T.: 6.692 min  
Delta R.T.: 0.006 min  
Response: 75488428  
Conc: 52.29 ng/ml



#20 Methoxychlor

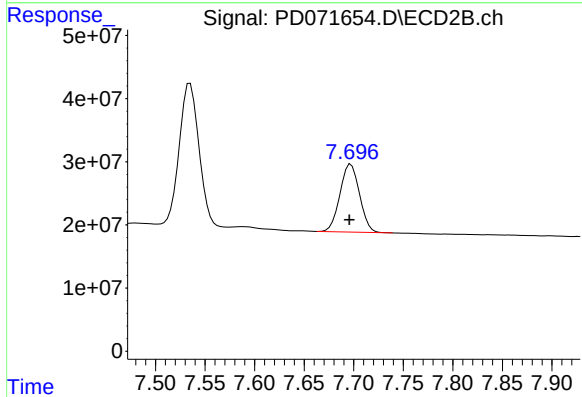
R.T.: 7.535 min  
Delta R.T.: 0.002 min  
Response: 308581202  
Conc: 58.66 ng/ml



#21 Endrin ketone

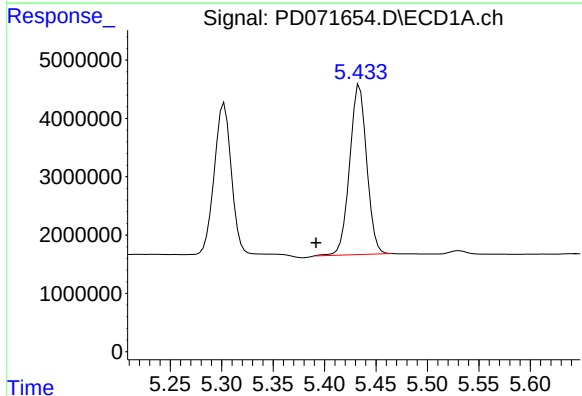
R.T.: 6.920 min  
Delta R.T.: 0.006 min  
Response: 33538732  
Conc: 9.81 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



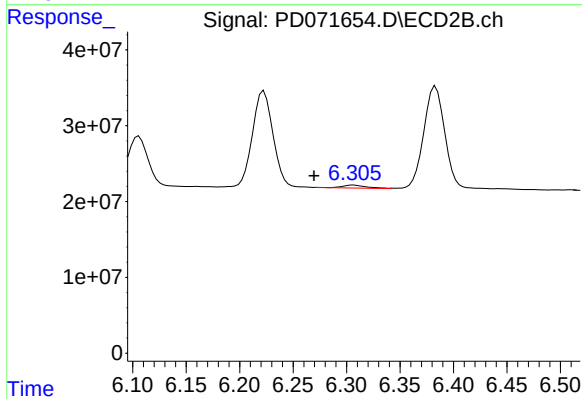
#21 Endrin ketone

R.T.: 7.697 min  
Delta R.T.: 0.001 min  
Response: 147663127  
Conc: 11.25 ng/ml



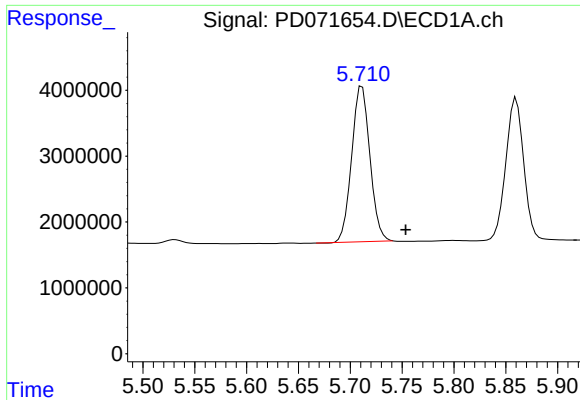
#22 Toxaphene-1

R.T.: 5.434 min  
Delta R.T.: 0.042 min  
Response: 33641544  
Conc: 1842.62 ng/ml



#22 Toxaphene-1

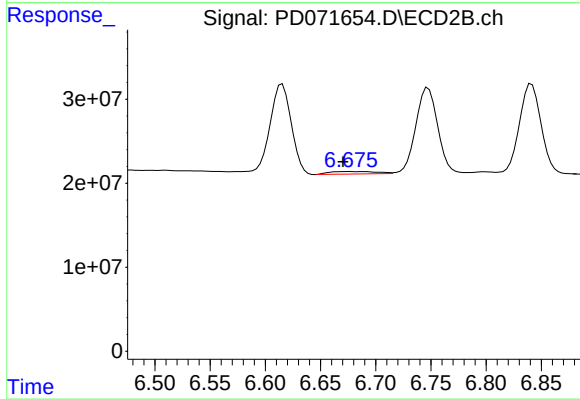
R.T.: 6.307 min  
Delta R.T.: 0.037 min  
Response: 5866501  
Conc: 48.20 ng/ml



#23 Toxaphene-2

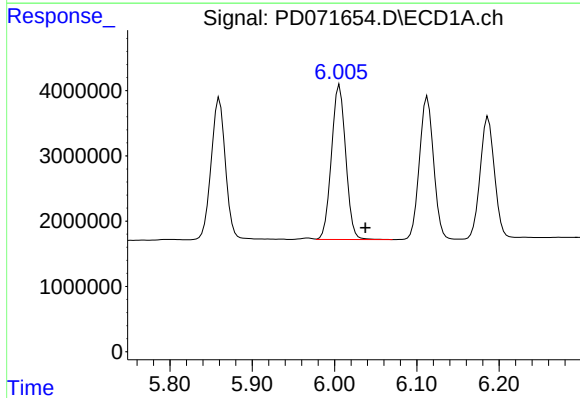
R.T.: 5.711 min  
Delta R.T.: -0.042 min  
Response: 28910732  
Conc: 1426.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



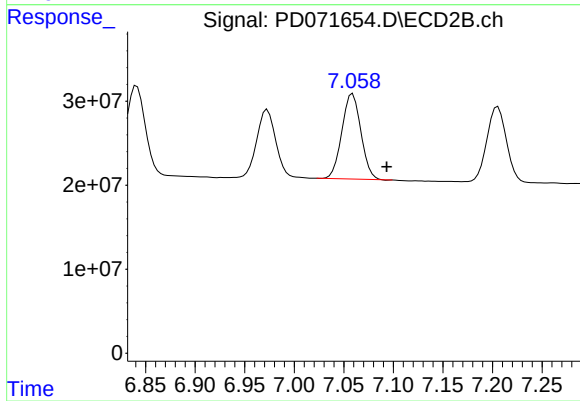
#23 Toxaphene-2

R.T.: 6.676 min  
Delta R.T.: 0.005 min  
Response: 8960372  
Conc: 99.97 ng/ml



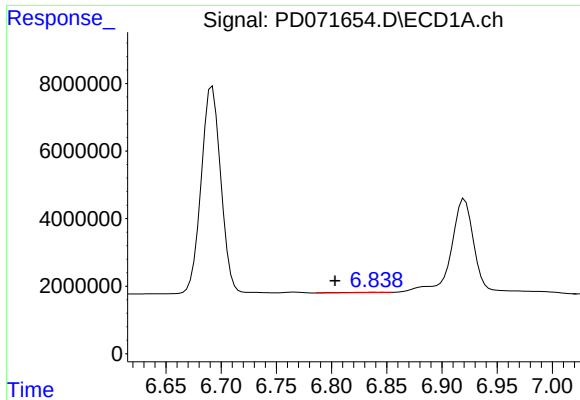
#24 Toxaphene-3

R.T.: 6.006 min  
Delta R.T.: -0.031 min  
Response: 28489046  
Conc: 1239.00 ng/ml



#24 Toxaphene-3

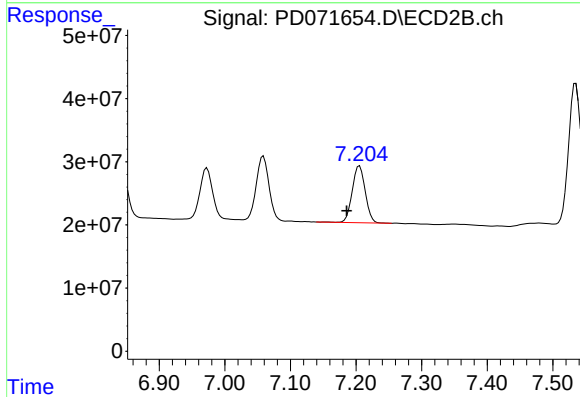
R.T.: 7.059 min  
Delta R.T.: -0.035 min  
Response: 135512727  
Conc: 403.77 ng/ml



#25 Toxaphene-4

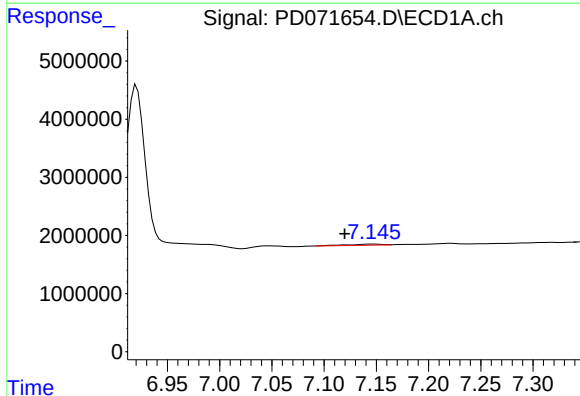
R.T.: 6.839 min  
Delta R.T.: 0.036 min  
Response: 179039  
Conc: 1.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



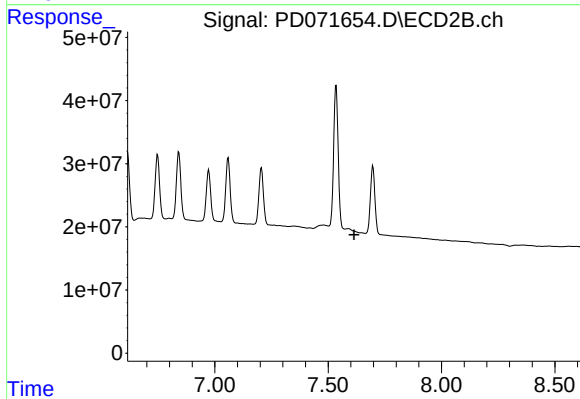
#25 Toxaphene-4

R.T.: 7.205 min  
Delta R.T.: 0.020 min  
Response: 124226878  
Conc: 460.39 ng/ml



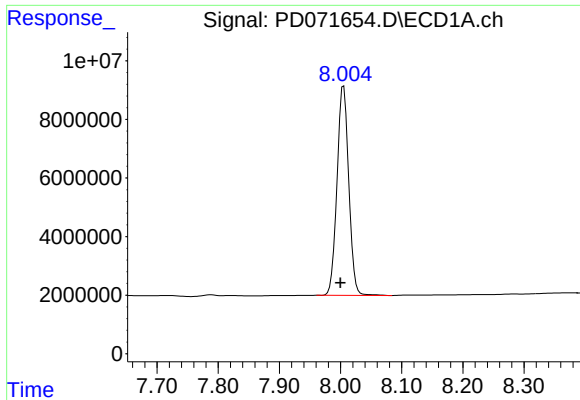
#26 Toxaphene-5

R.T.: 7.147 min  
Delta R.T.: 0.027 min  
Response: 445180  
Conc: 10.49 ng/ml



#26 Toxaphene-5

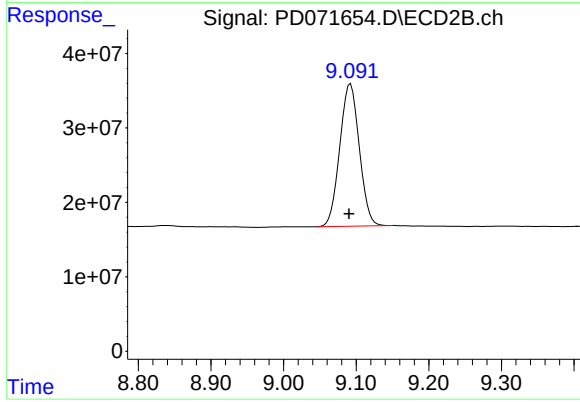
R.T.: 0.000 min  
Exp R.T. : 7.614 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 8.005 min  
Delta R.T.: 0.005 min  
Response: 95300731  
Conc: 33.94 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 9.092 min  
Delta R.T.: 0.002 min  
Response: 357726385  
Conc: 37.32 ng/ml