

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100623\  
 Data File : PD078733.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2023 12:20  
 Operator : AR\AJ  
 Sample : 04592-08MSD 10X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 06 04:53:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091123CLP-TCLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 11 14:09:05 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

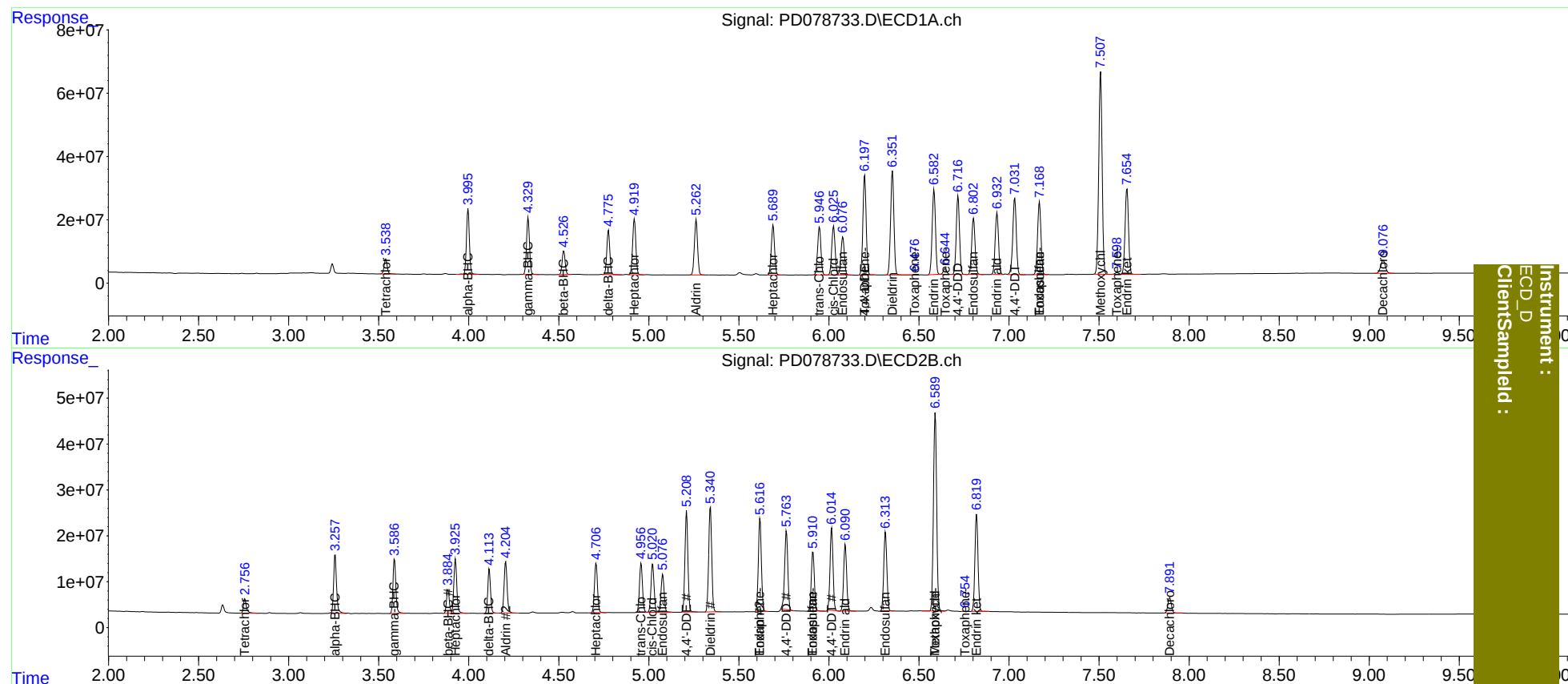
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml     | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|-----------|-------------|
| -----                       |                 |        |        |          |          |           |             |
| System Monitoring Compounds |                 |        |        |          |          |           |             |
| 1)                          | SA Tetrachlo... | 3.540  | 2.757  | 55939336 | 36644603 | 21.958    | 23.160      |
| 27)                         | SA Decachlor... | 9.078  | 7.893  | 74506145 | 45112585 | 23.881    | 26.154      |
| Target Compounds            |                 |        |        |          |          |           |             |
| 2)                          | A alpha-BHC     | 3.996  | 3.258  | 233.5E6  | 142.4E6  | 53.136    | 56.477      |
| 3)                          | MA gamma-BHC... | 4.330  | 3.588  | 206.5E6  | 129.9E6  | 50.391    | 55.391      |
| 4)                          | MA Heptachlor   | 4.920  | 3.926  | 218.6E6  | 137.5E6  | 51.373    | 57.240      |
| 5)                          | MB Aldrin       | 5.263  | 4.205  | 215.8E6  | 130.0E6  | 51.485    | 54.196      |
| 6)                          | B beta-BHC      | 4.528  | 3.885  | 86454394 | 55723030 | 48.473    | 53.700      |
| 7)                          | B delta-BHC     | 4.776  | 4.114  | 160.7E6  | 102.1E6  | 38.652    | 42.862      |
| 8)                          | B Heptachlo...  | 5.690  | 4.707  | 199.7E6  | 125.7E6  | 51.864    | 56.436      |
| 9)                          | A Endosulfan I  | 6.077  | 5.077  | 155.9E6  | 97676044 | 46.080    | 49.942      |
| 10)                         | B trans-Chl...  | 5.947  | 4.957  | 194.6E6  | 123.8E6  | 52.430    | 57.437      |
| 11)                         | B cis-Chlor...  | 6.026  | 5.021  | 199.3E6  | 125.0E6  | 52.470    | 56.821      |
| 12)                         | B 4,4'-DDE      | 6.199  | 5.210  | 398.2E6  | 252.7E6  | 112.389   | 124.447     |
| 13)                         | MA Dieldrin     | 6.353  | 5.342  | 420.3E6  | 271.0E6  | 110.509   | 119.491     |
| 14)                         | MA Endrin       | 6.584  | 5.617  | 342.3E6  | 235.9E6  | 112.960   | 122.276     |
| 15)                         | B Endosulfa...  | 6.803  | 5.911  | 231.0E6  | 152.4E6  | 71.069    | 79.250      |
| 16)                         | A 4,4'-DDD      | 6.717  | 5.764  | 309.2E6  | 209.1E6  | 115.340   | 141.628     |
| 17)                         | MA 4,4'-DDT     | 7.032  | 6.015  | 330.3E6  | 207.1E6  | 121.454   | 134.371     |
| 18)                         | B Endrin al...  | 6.934  | 6.091  | 253.7E6  | 170.5E6  | 99.631    | 114.615     |
| 19)                         | B Endosulfa...  | 7.169  | 6.314  | 299.8E6  | 204.5E6  | 100.567   | 117.181     |
| 20)                         | A Methoxychlor  | 7.509  | 6.590  | 838.0E6  | 536.5E6  | 557.920   | 676.349     |
| 21)                         | B Endrin ke...  | 7.655  | 6.820  | 360.1E6  | 252.6E6  | 106.766   | 123.936     |
| 22)                         | Toxaphene-1     | 6.199f | 5.297  | 398.2E6  | -64918   | 14831.768 | N.D. #      |
| 23)                         | Toxaphene-2     | 6.478  | 5.617f | 241720   | 235.9E6  | 7.247     | 18161.383 # |
| 24)                         | Toxaphene-3     | 6.645  | 5.911f | 22704114 | 152.4E6  | 993.466   | 10126.763 # |
| 25)                         | Toxaphene-4     | 7.169  | 6.590  | 299.8E6  | 536.5E6  | 4095.785  | 12490.966 # |
| 26)                         | Toxaphene-5     | 7.600  | 6.756f | 7094568  | 156969   | 135.763   | 2.637 #     |
| -----                       |                 |        |        |          |          |           |             |

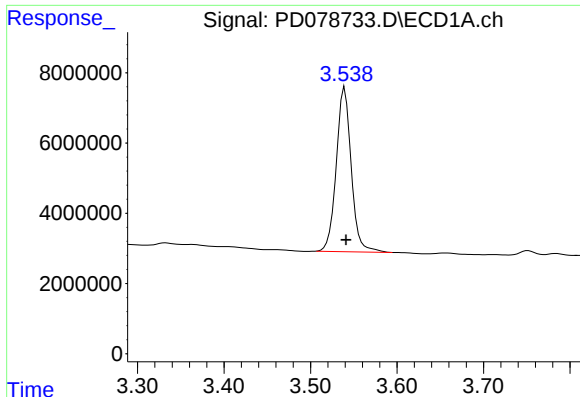
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD100623\  
Data File : PD078733.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2023 12:20  
Operator : AR\AJ  
Sample : 04592-08MSD 10X  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 06 04:53:00 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091123CLP-TCLP.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 11 14:09:05 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

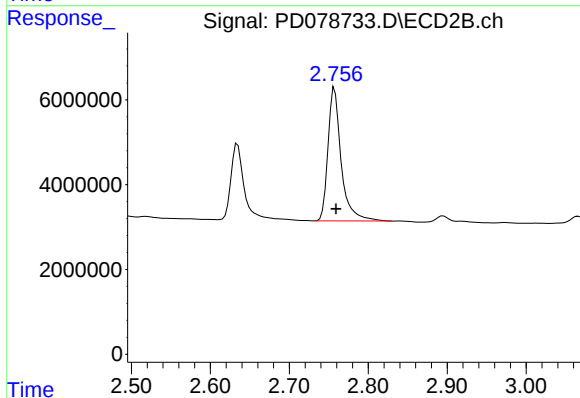




#1 Tetrachloro-m-xylene

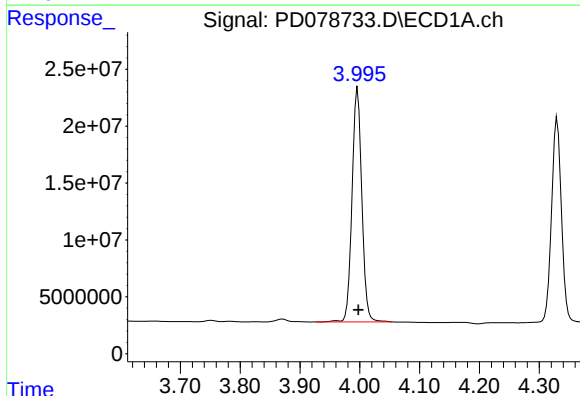
R.T.: 3.540 min  
Delta R.T.: -0.001 min  
Response: 55939336  
Conc: 21.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



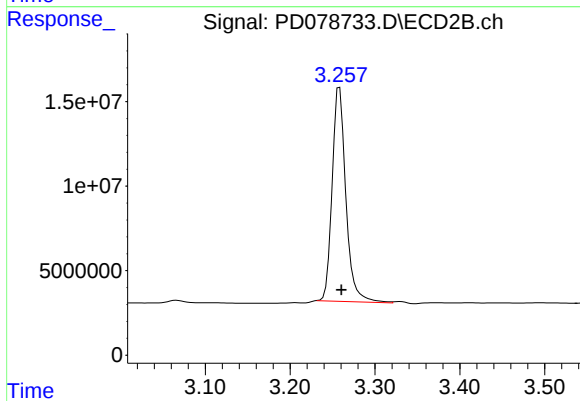
#1 Tetrachloro-m-xylene

R.T.: 2.757 min  
Delta R.T.: -0.002 min  
Response: 36644603  
Conc: 23.16 ng/ml



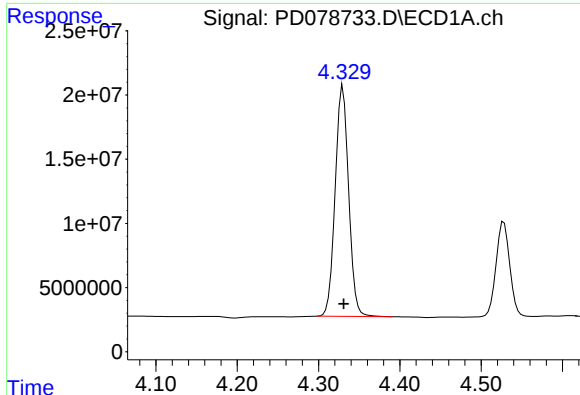
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.001 min  
Response: 233457820  
Conc: 53.14 ng/ml



#2 alpha-BHC

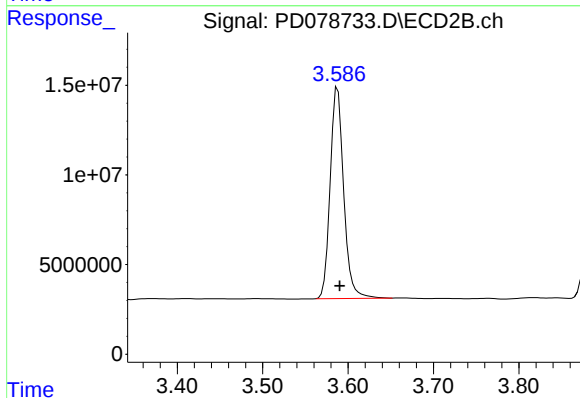
R.T.: 3.258 min  
Delta R.T.: -0.002 min  
Response: 142431803  
Conc: 56.48 ng/ml



#3 gamma-BHC (Lindane)

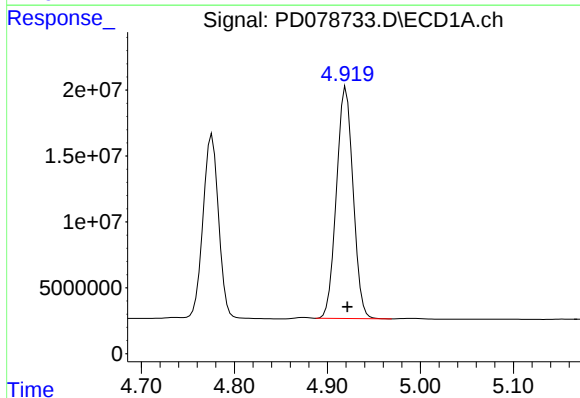
R.T.: 4.330 min  
Delta R.T.: 0.000 min  
Response: 206492867  
Conc: 50.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



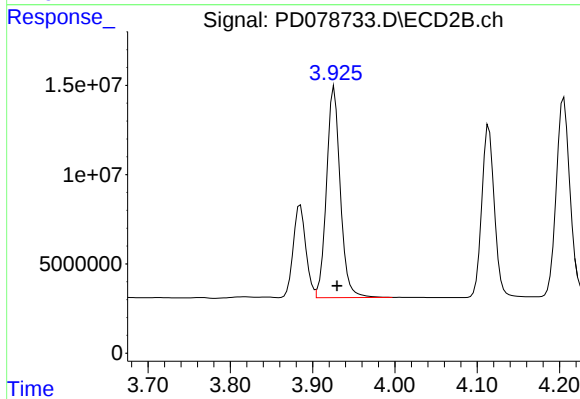
#3 gamma-BHC (Lindane)

R.T.: 3.588 min  
Delta R.T.: -0.002 min  
Response: 129927383  
Conc: 55.39 ng/ml



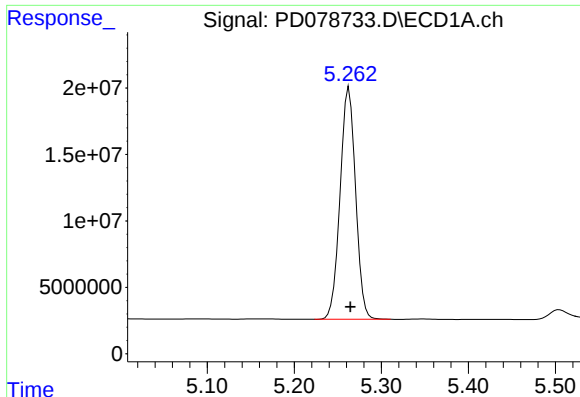
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: -0.002 min  
Response: 218554904  
Conc: 51.37 ng/ml



#4 Heptachlor

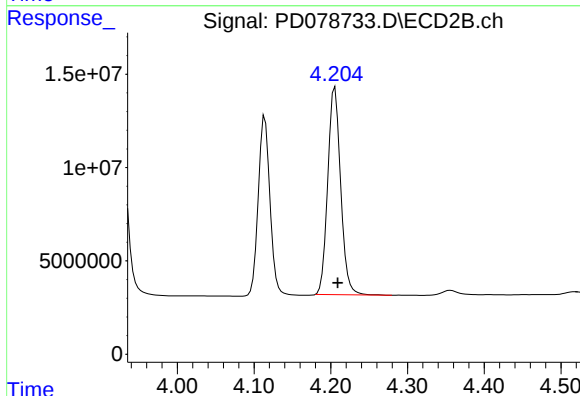
R.T.: 3.926 min  
Delta R.T.: -0.003 min  
Response: 137507499  
Conc: 57.24 ng/ml



#5 Aldrin

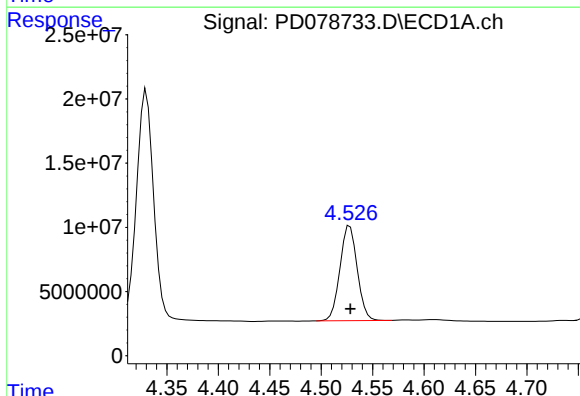
R.T.: 5.263 min  
Delta R.T.: -0.001 min  
Response: 215827215  
Conc: 51.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



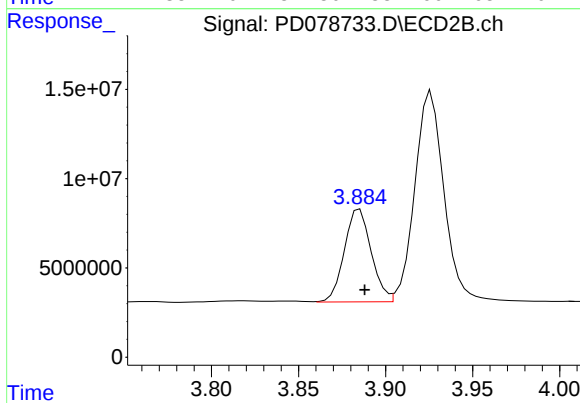
#5 Aldrin

R.T.: 4.205 min  
Delta R.T.: -0.004 min  
Response: 130018726  
Conc: 54.20 ng/ml



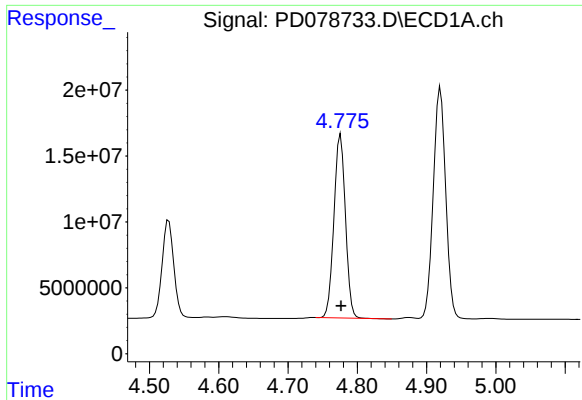
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 86454394  
Conc: 48.47 ng/ml



#6 beta-BHC

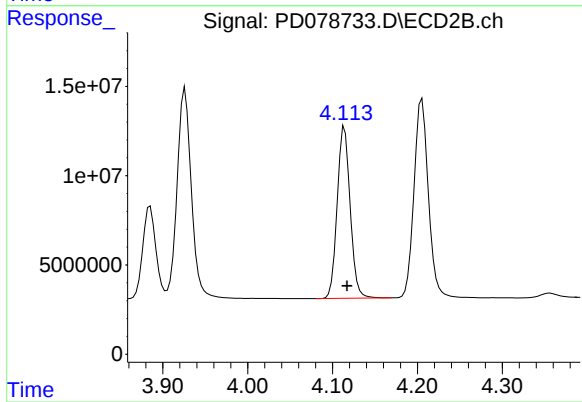
R.T.: 3.885 min  
Delta R.T.: -0.003 min  
Response: 55723030  
Conc: 53.70 ng/ml



#7 delta-BHC

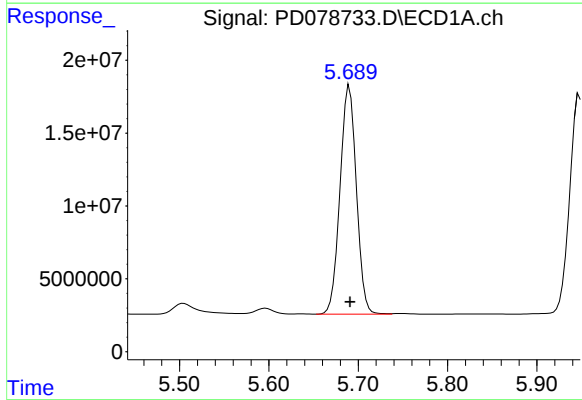
R.T.: 4.776 min  
Delta R.T.: 0.000 min  
Response: 160741464  
Conc: 38.65 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



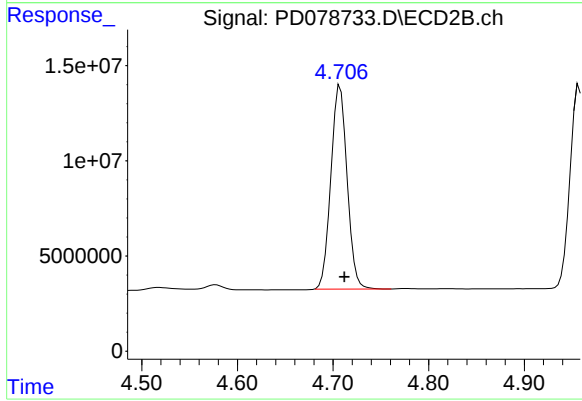
#7 delta-BHC

R.T.: 4.114 min  
Delta R.T.: -0.003 min  
Response: 102130532  
Conc: 42.86 ng/ml



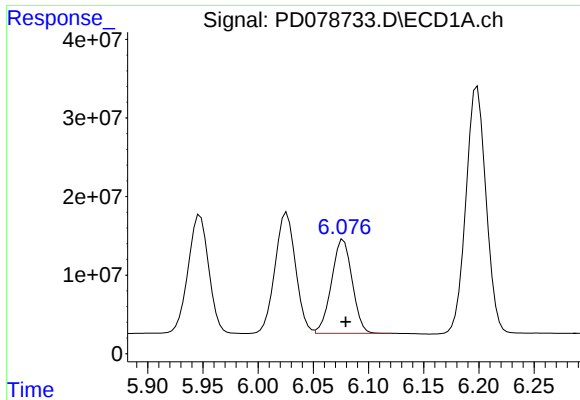
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 199730697  
Conc: 51.86 ng/ml



#8 Heptachlor epoxide

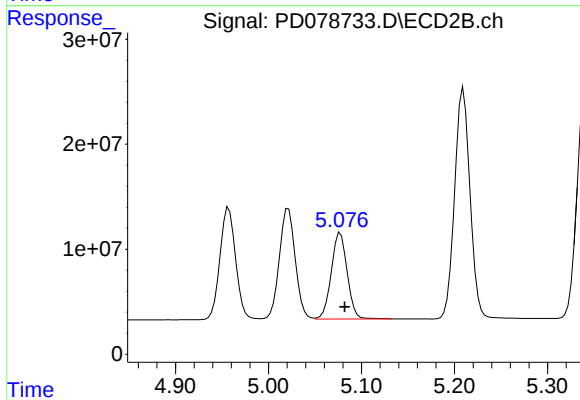
R.T.: 4.707 min  
Delta R.T.: -0.005 min  
Response: 125706678  
Conc: 56.44 ng/ml



#9 Endosulfan I

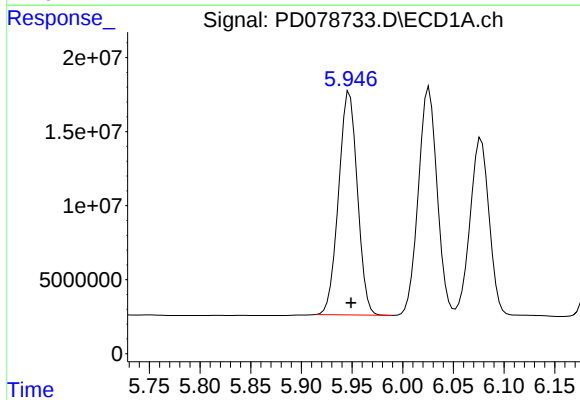
R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 155943001  
Conc: 46.08 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



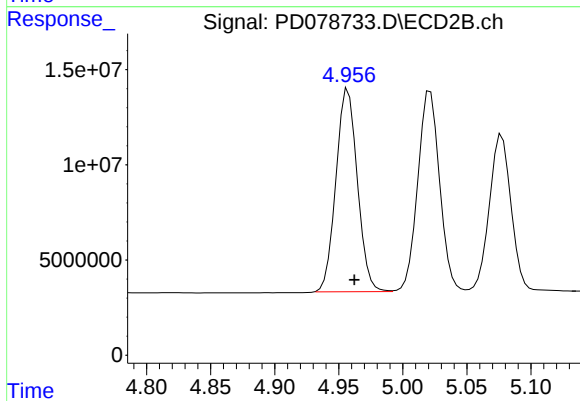
#9 Endosulfan I

R.T.: 5.077 min  
Delta R.T.: -0.004 min  
Response: 97676044  
Conc: 49.94 ng/ml



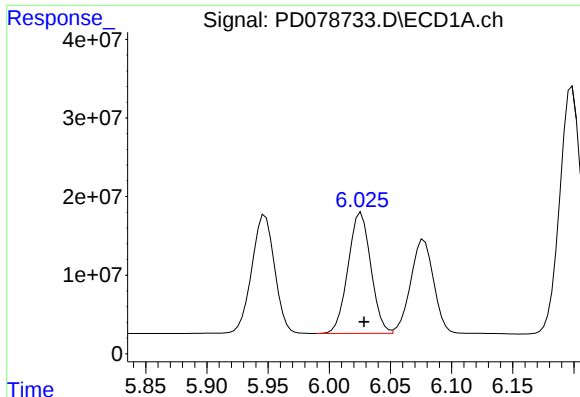
#10 trans-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 194616155  
Conc: 52.43 ng/ml



#10 trans-Chlordane

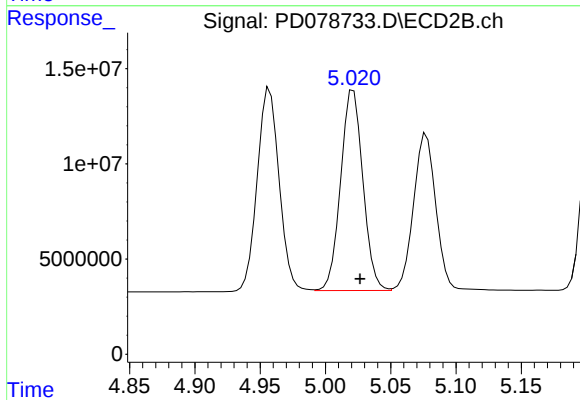
R.T.: 4.957 min  
Delta R.T.: -0.005 min  
Response: 123848981  
Conc: 57.44 ng/ml



#11 cis-Chlordane

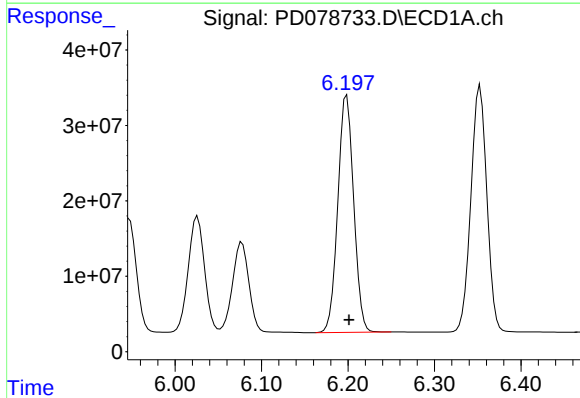
R.T.: 6.026 min  
Delta R.T.: -0.002 min  
Response: 199258817  
Conc: 52.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



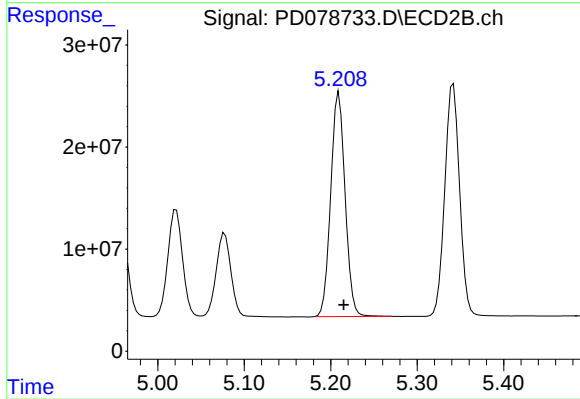
#11 cis-Chlordane

R.T.: 5.021 min  
Delta R.T.: -0.005 min  
Response: 124981629  
Conc: 56.82 ng/ml



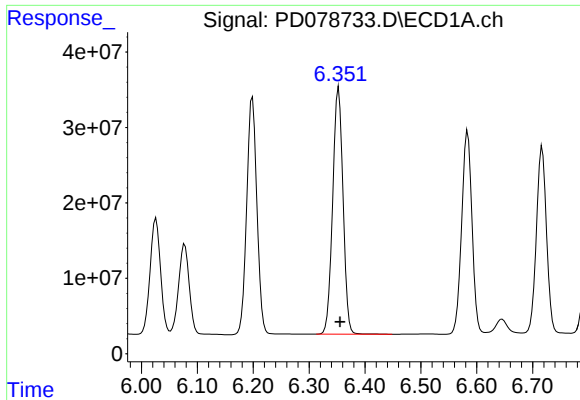
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: -0.002 min  
Response: 398210820  
Conc: 112.39 ng/ml



#12 4,4'-DDE

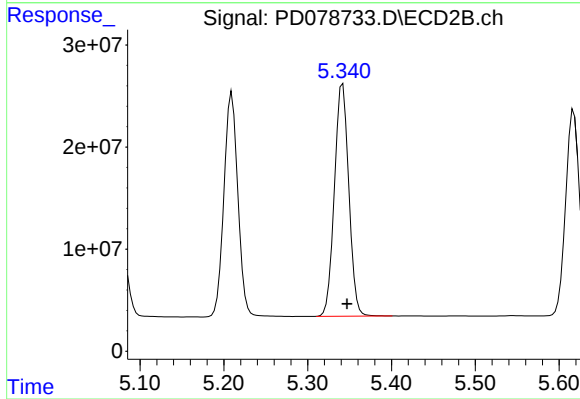
R.T.: 5.210 min  
Delta R.T.: -0.005 min  
Response: 252657303  
Conc: 124.45 ng/ml



#13 Dieldrin

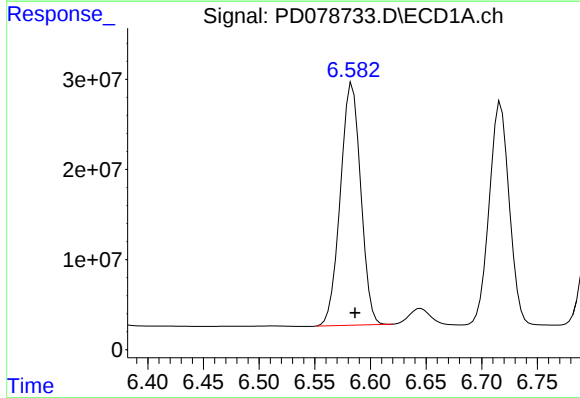
R.T.: 6.353 min  
Delta R.T.: -0.003 min  
Response: 420336227  
Conc: 110.51 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



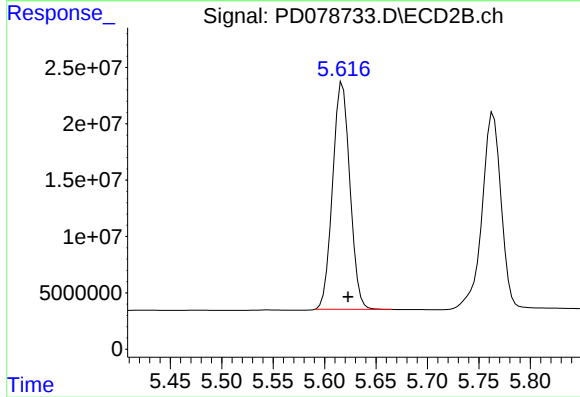
#13 Dieldrin

R.T.: 5.342 min  
Delta R.T.: -0.005 min  
Response: 270951805  
Conc: 119.49 ng/ml



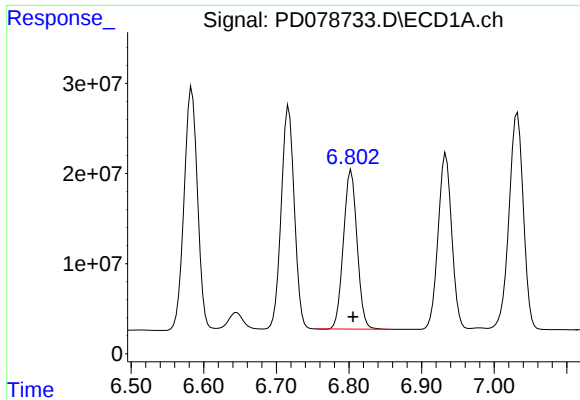
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: -0.003 min  
Response: 342306671  
Conc: 112.96 ng/ml



#14 Endrin

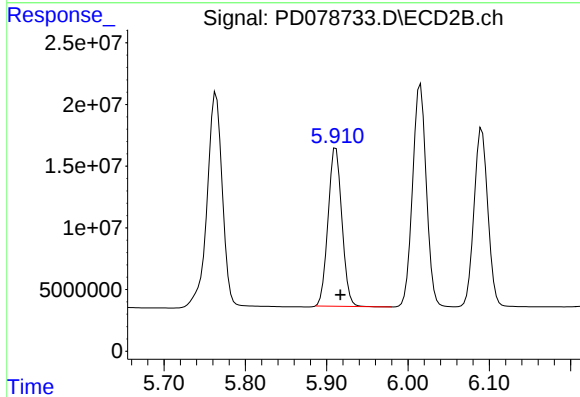
R.T.: 5.617 min  
Delta R.T.: -0.005 min  
Response: 235856671  
Conc: 122.28 ng/ml



#15 Endosulfan II

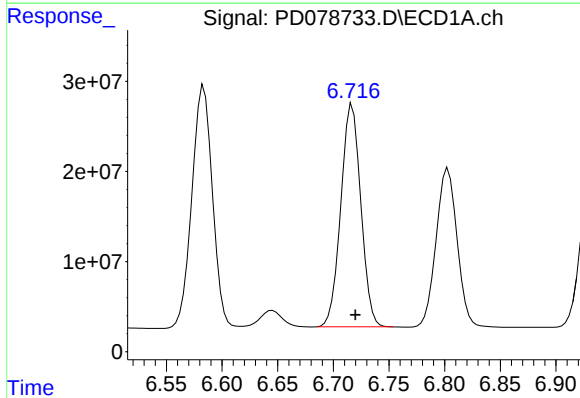
R.T.: 6.803 min  
Delta R.T.: -0.003 min  
Response: 230955410  
Conc: 71.07 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



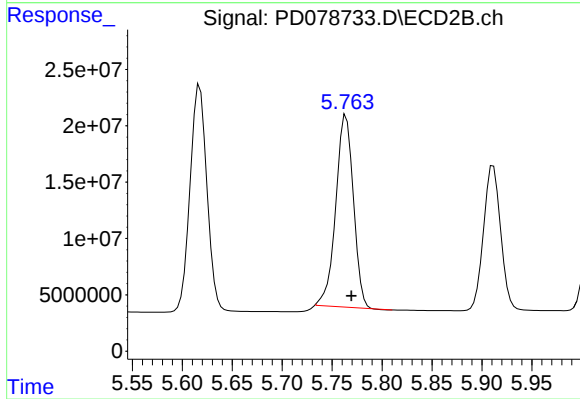
#15 Endosulfan II

R.T.: 5.911 min  
Delta R.T.: -0.005 min  
Response: 152383091  
Conc: 79.25 ng/ml



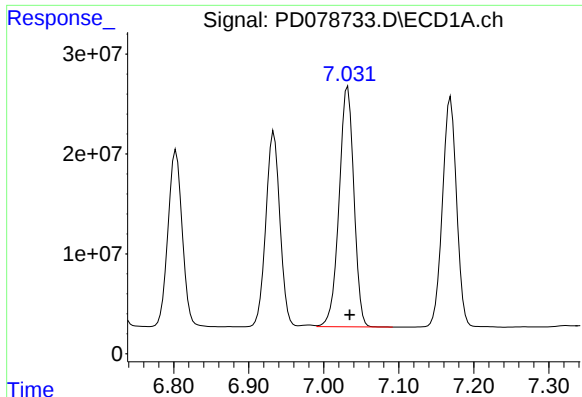
#16 4,4'-DDD

R.T.: 6.717 min  
Delta R.T.: -0.003 min  
Response: 309179066  
Conc: 115.34 ng/ml



#16 4,4'-DDD

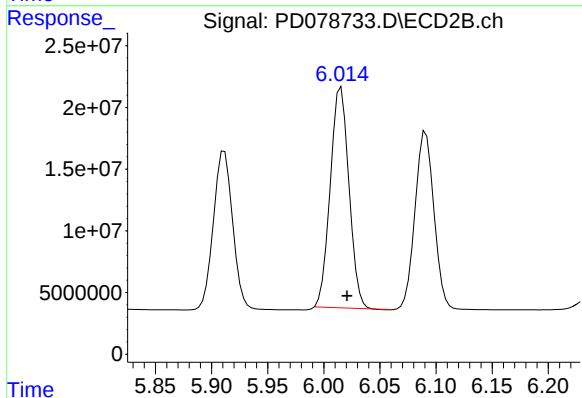
R.T.: 5.764 min  
Delta R.T.: -0.005 min  
Response: 209144927  
Conc: 141.63 ng/ml



#17 4,4'-DDT

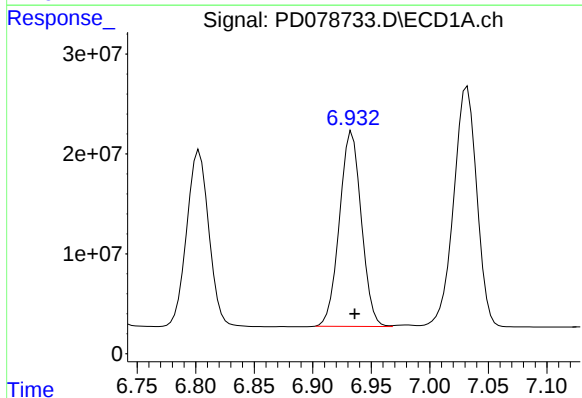
R.T.: 7.032 min  
Delta R.T.: -0.003 min  
Response: 330290533  
Conc: 121.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



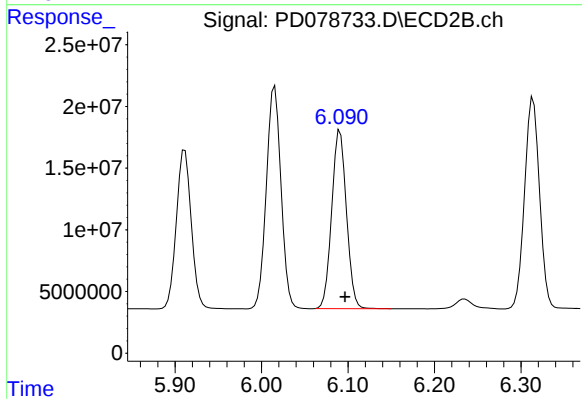
#17 4,4'-DDT

R.T.: 6.015 min  
Delta R.T.: -0.005 min  
Response: 207131050  
Conc: 134.37 ng/ml



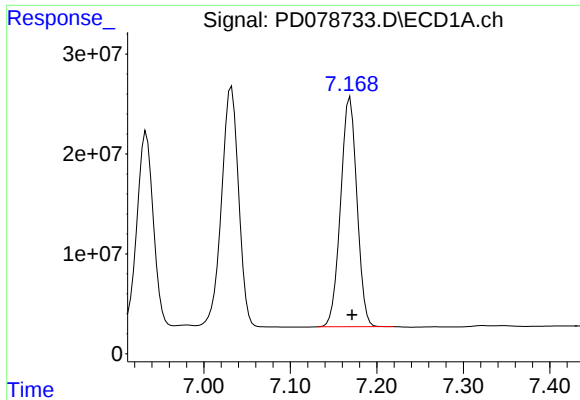
#18 Endrin aldehyde

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 253695478  
Conc: 99.63 ng/ml



#18 Endrin aldehyde

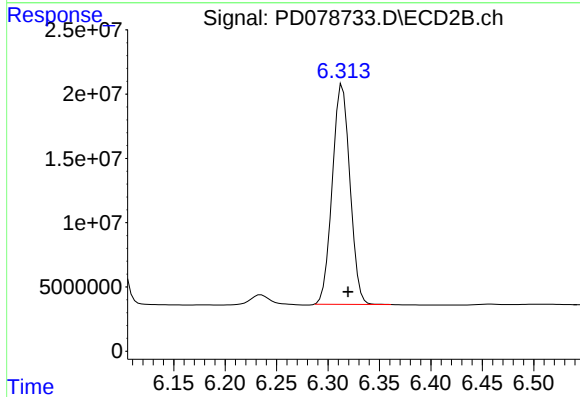
R.T.: 6.091 min  
Delta R.T.: -0.006 min  
Response: 170509417  
Conc: 114.61 ng/ml



#19 Endosulfan Sulfate

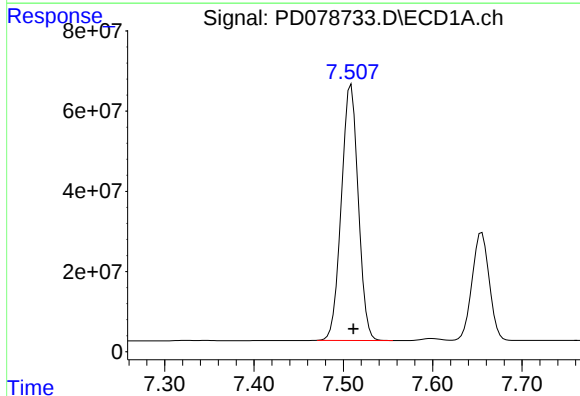
R.T.: 7.169 min  
Delta R.T.: -0.002 min  
Response: 299771046  
Conc: 100.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



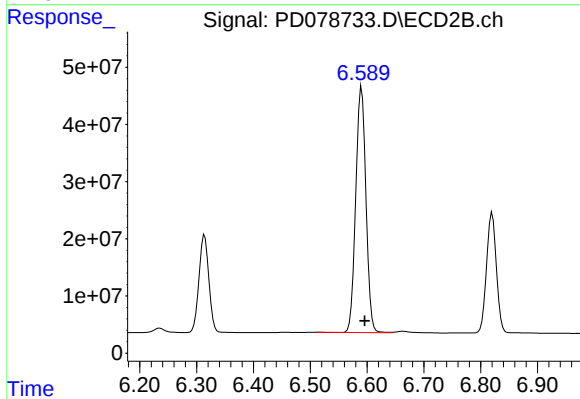
#19 Endosulfan Sulfate

R.T.: 6.314 min  
Delta R.T.: -0.006 min  
Response: 204486001  
Conc: 117.18 ng/ml



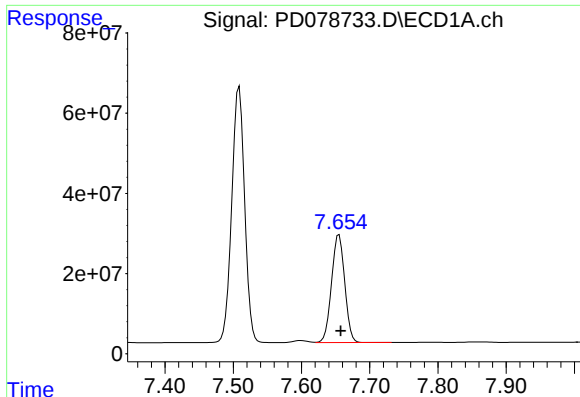
#20 Methoxychlor

R.T.: 7.509 min  
Delta R.T.: -0.003 min  
Response: 838005436  
Conc: 557.92 ng/ml



#20 Methoxychlor

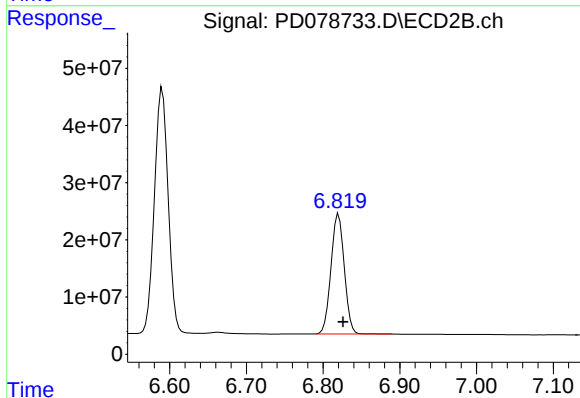
R.T.: 6.590 min  
Delta R.T.: -0.006 min  
Response: 536537242  
Conc: 676.35 ng/ml



#21 Endrin ketone

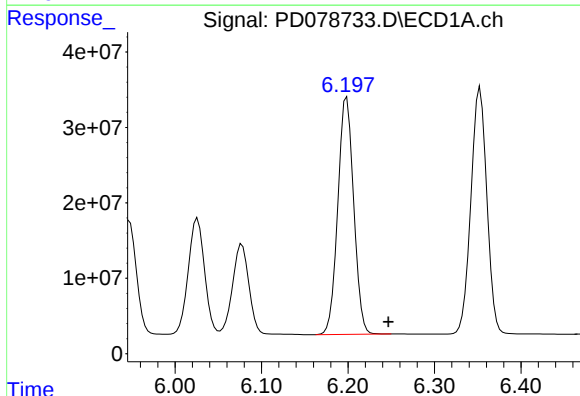
R.T.: 7.655 min  
Delta R.T.: -0.002 min  
Response: 360105626  
Conc: 106.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



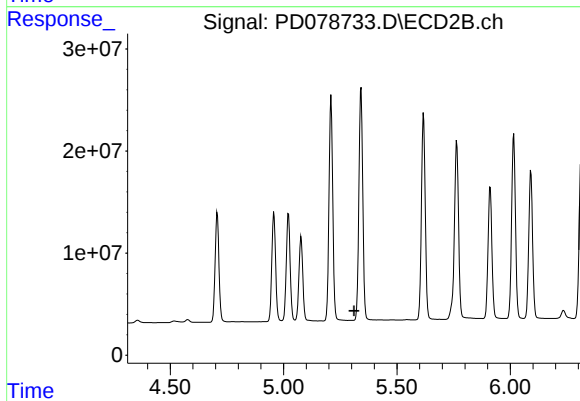
#21 Endrin ketone

R.T.: 6.820 min  
Delta R.T.: -0.006 min  
Response: 252602971  
Conc: 123.94 ng/ml



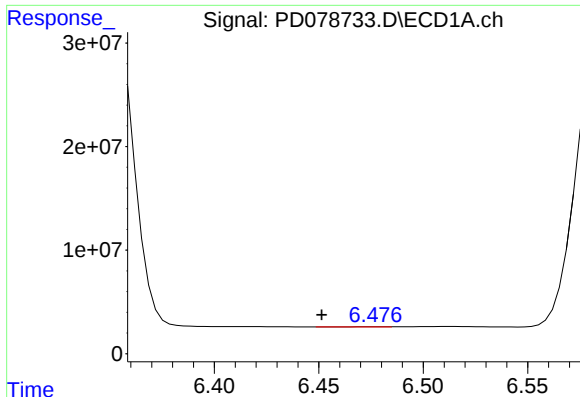
#22 Toxaphene-1

R.T.: 6.199 min  
Delta R.T.: -0.048 min  
Response: 398210820  
Conc: 14831.77 ng/ml



#22 Toxaphene-1

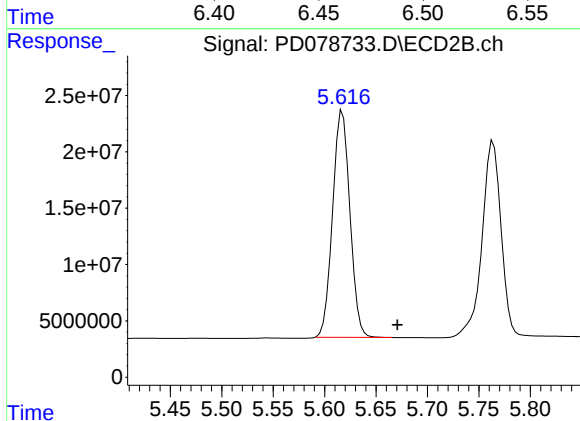
R.T.: 5.297 min  
Delta R.T.: -0.015 min  
Response: -64918  
Conc: N.D.



#23 Toxaphene-2

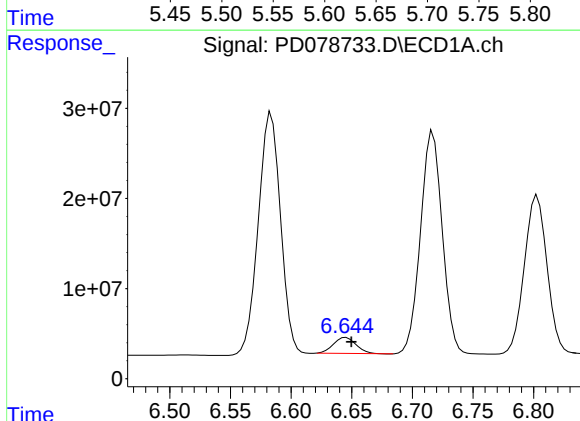
R.T.: 6.478 min  
Delta R.T.: 0.026 min  
Response: 241720  
Conc: 7.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



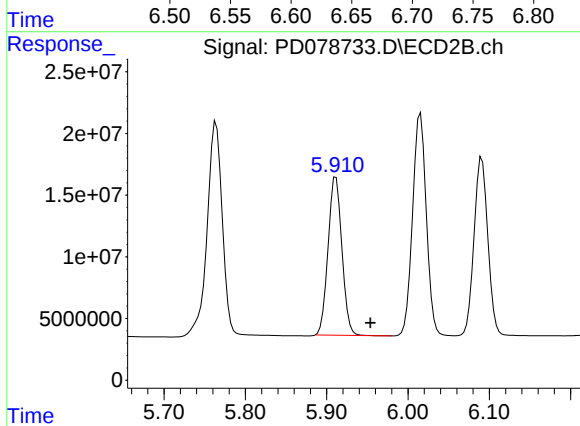
#23 Toxaphene-2

R.T.: 5.617 min  
Delta R.T.: -0.053 min  
Response: 235856671  
Conc: 18161.38 ng/ml



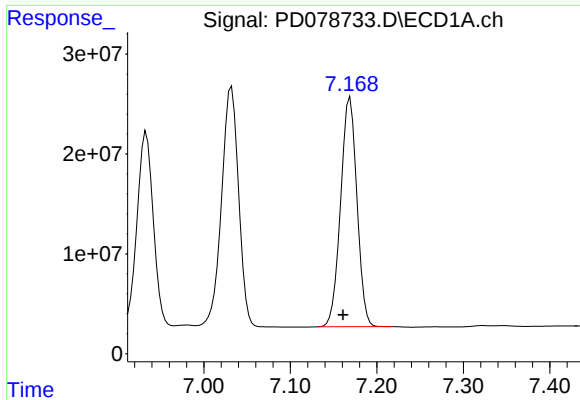
#24 Toxaphene-3

R.T.: 6.645 min  
Delta R.T.: -0.004 min  
Response: 22704114  
Conc: 993.47 ng/ml



#24 Toxaphene-3

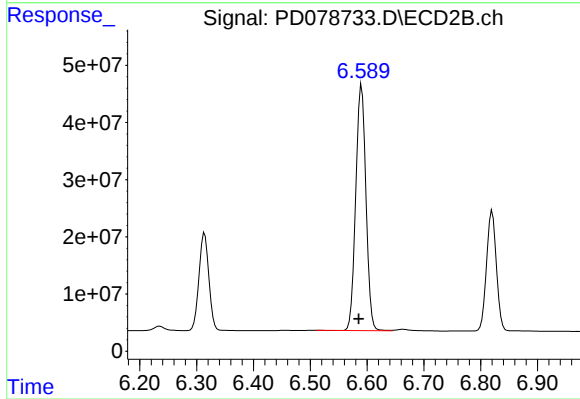
R.T.: 5.911 min  
Delta R.T.: -0.042 min  
Response: 152383091  
Conc: 10126.76 ng/ml



#25 Toxaphene-4

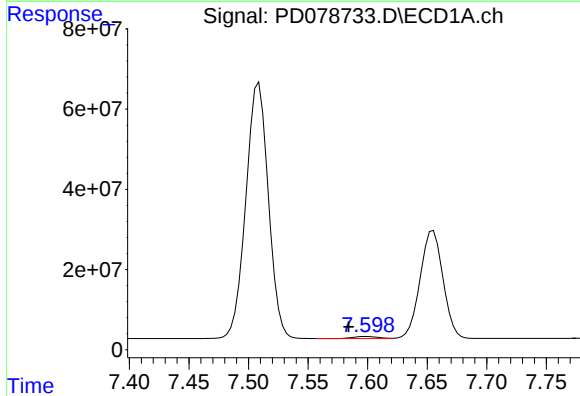
R.T.: 7.169 min  
Delta R.T.: 0.008 min  
Response: 299771046  
Conc: 4095.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



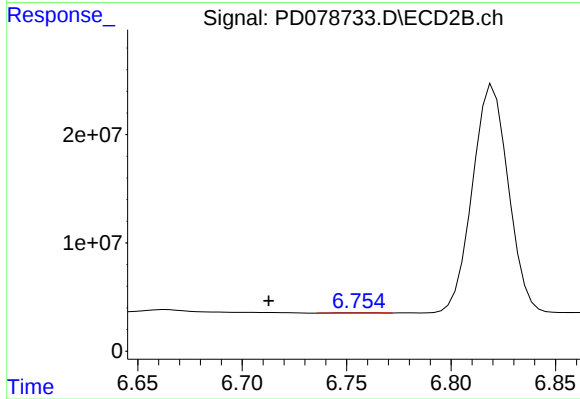
#25 Toxaphene-4

R.T.: 6.590 min  
Delta R.T.: 0.005 min  
Response: 536537242  
Conc: 12490.97 ng/ml



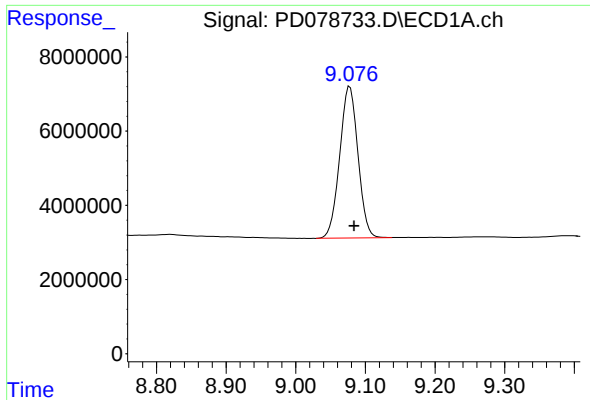
#26 Toxaphene-5

R.T.: 7.600 min  
Delta R.T.: 0.016 min  
Response: 7094568  
Conc: 135.76 ng/ml



#26 Toxaphene-5

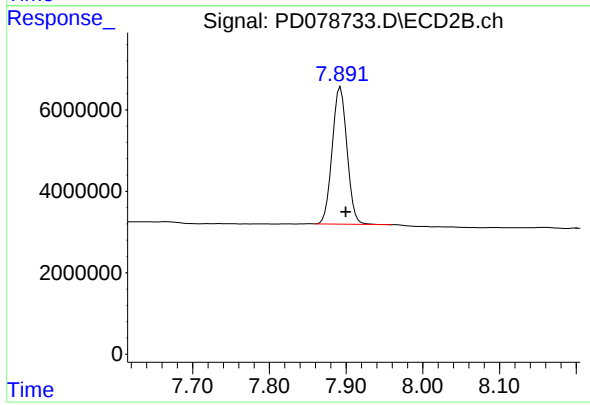
R.T.: 6.756 min  
Delta R.T.: 0.043 min  
Response: 156969  
Conc: 2.64 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: -0.006 min  
Response: 74506145  
Conc: 23.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



#27 Decachlorobiphenyl

R.T.: 7.893 min  
Delta R.T.: -0.007 min  
Response: 45112585  
Conc: 26.15 ng/ml