

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101218\  
 Data File : PL040963.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Oct 2018 14:10  
 Operator : AJ\SJ  
 Sample : J5197-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 23:47:38 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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 x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.478 | 4.104 | 112.4E6  | 60990356 | 20.505   | 21.874     |
| 28)                         | SA Decachlor... | 8.231 | 9.237 | 87523732 | 42217623 | 16.833   | 16.326     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.920 | 4.501 | 427.8E6  | 191.0E6  | 53.990   | 49.358     |
| 3)                          | MA gamma-BHC... | 4.204 | 4.789 | 396.9E6  | 202.1E6  | 54.359   | 56.770     |
| 4)                          | MA Heptachlor   | 4.502 | 5.305 | 385.3E6  | 174.0E6  | 52.287   | 51.408     |
| 5)                          | MB Aldrin       | 4.750 | 5.614 | 215.0E6  | 157.4E6  | 31.322   | 52.144 #   |
| 6)                          | B beta-BHC      | 4.456 | 4.957 | 187.2E6  | 124.2E6  | 58.992   | 77.512 #   |
| 7)                          | B delta-BHC     | 4.660 | 5.177 | 286.9E6  | 149.9E6  | 43.059   | 45.681     |
| 8)                          | B Heptachlo...  | 5.193 | 6.003 | 344.1E6  | 168.8E6  | 52.463   | 58.861     |
| 9)                          | A Endosulfan I  | 5.532 | 6.362 | 302.5E6  | 127.9E6  | 50.500   | 49.941     |
| 10)                         | B gamma-Chl...  | 5.420 | 6.237 | 327.8E6  | 139.8E6  | 49.842   | 49.855     |
| 11)                         | B alpha-Chl...  | 5.478 | 6.311 | 310.4E6  | 136.8E6  | 47.709   | 49.295     |
| 12)                         | B 4,4'-DDE      | 5.644 | 6.464 | 285.5E6  | 125.7E6  | 50.228   | 47.515     |
| 13)                         | MA Dieldrin     | 5.776 | 6.621 | 347.3E6  | 133.2E6  | 54.932   | 50.015     |
| 14)                         | MA Endrin       | 6.032 | 6.840 | 291.9E6  | 108.7E6  | 50.814   | 48.719     |
| 15)                         | B Endosulfa...  | 6.307 | 7.048 | 269.9E6  | 113.5E6  | 48.160   | 47.782     |
| 16)                         | A 4,4'-DDD      | 6.161 | 6.956 | 230.6E6  | 106.2E6  | 51.059   | 50.693     |
| 17)                         | MA 4,4'-DDT     | 6.400 | 7.257 | 216.3E6  | 95885811 | 47.486   | 46.096     |
| 18)                         | B Endrin al...  | 6.476 | 7.172 | 180.0E6  | 93720541 | 42.931   | 47.235     |
| 19)                         | B Endosulfa...  | 6.688 | 7.395 | 277.9E6  | 118.3E6  | 54.620   | 52.924     |
| 20)                         | A Methoxychlor  | 6.949 | 7.712 | 118.6E6  | 58888079 | 45.611   | 50.026     |
| 21)                         | B Endrin ke...  | 7.179 | 7.871 | 261.5E6  | 116.8E6  | 49.949   | 49.670     |
| 23)                         | Chlordane-1     | 4.356 | 5.177 | 4438638  | 149.9E6  | 17.392   | 1214.019 # |
| 24)                         | Chlordane-2     | 4.859 | 5.614 | 16707463 | 157.4E6  | 61.904   | 1272.559 # |
| 25)                         | Chlordane-3     | 5.420 | 6.237 | 327.8E6  | 139.8E6  | 428.260  | 346.848    |
| 26)                         | Chlordane-4     | 5.478 | 6.311 | 310.4E6  | 136.8E6  | 462.936  | 288.265 #  |
| 27)                         | Chlordane-5     | 6.307 | 7.172 | 269.9E6  | 93720541 | 1245.562 | 1059.229   |
| -----                       |                 |       |       |          |          |          |            |

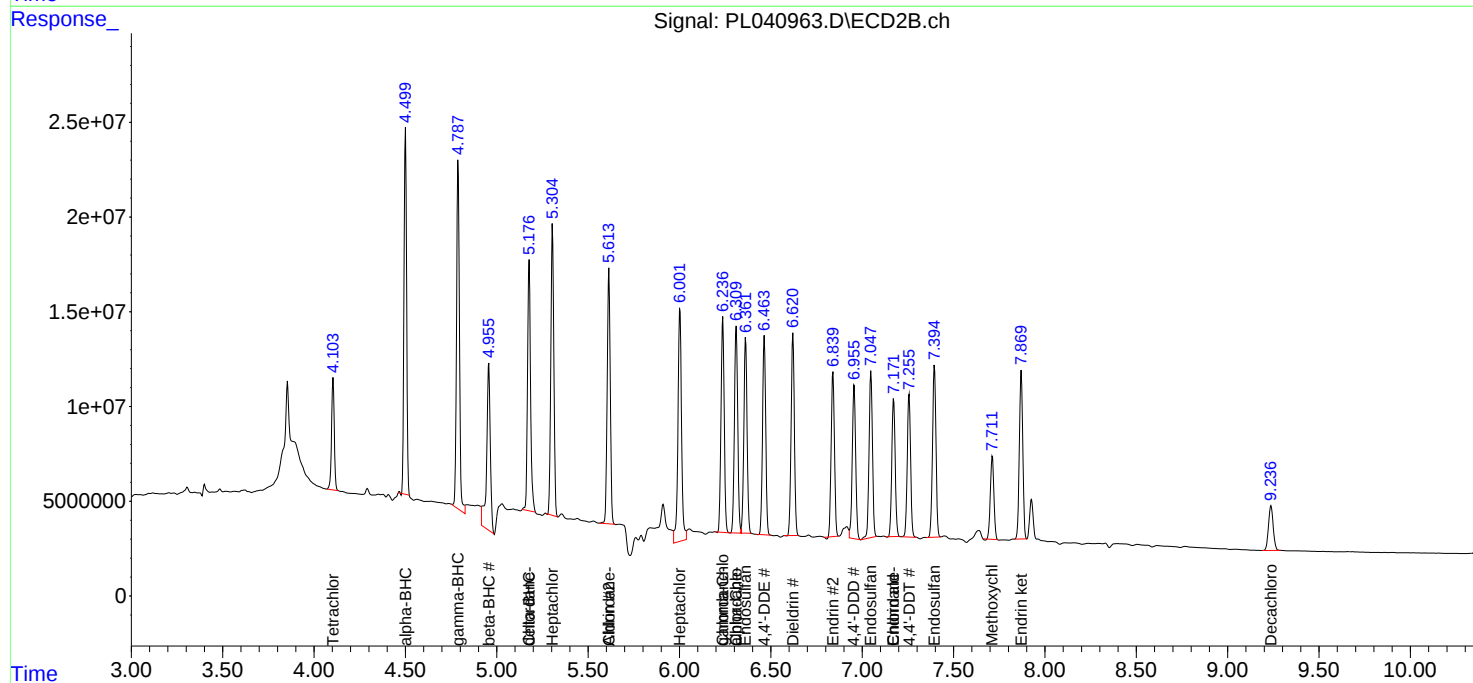
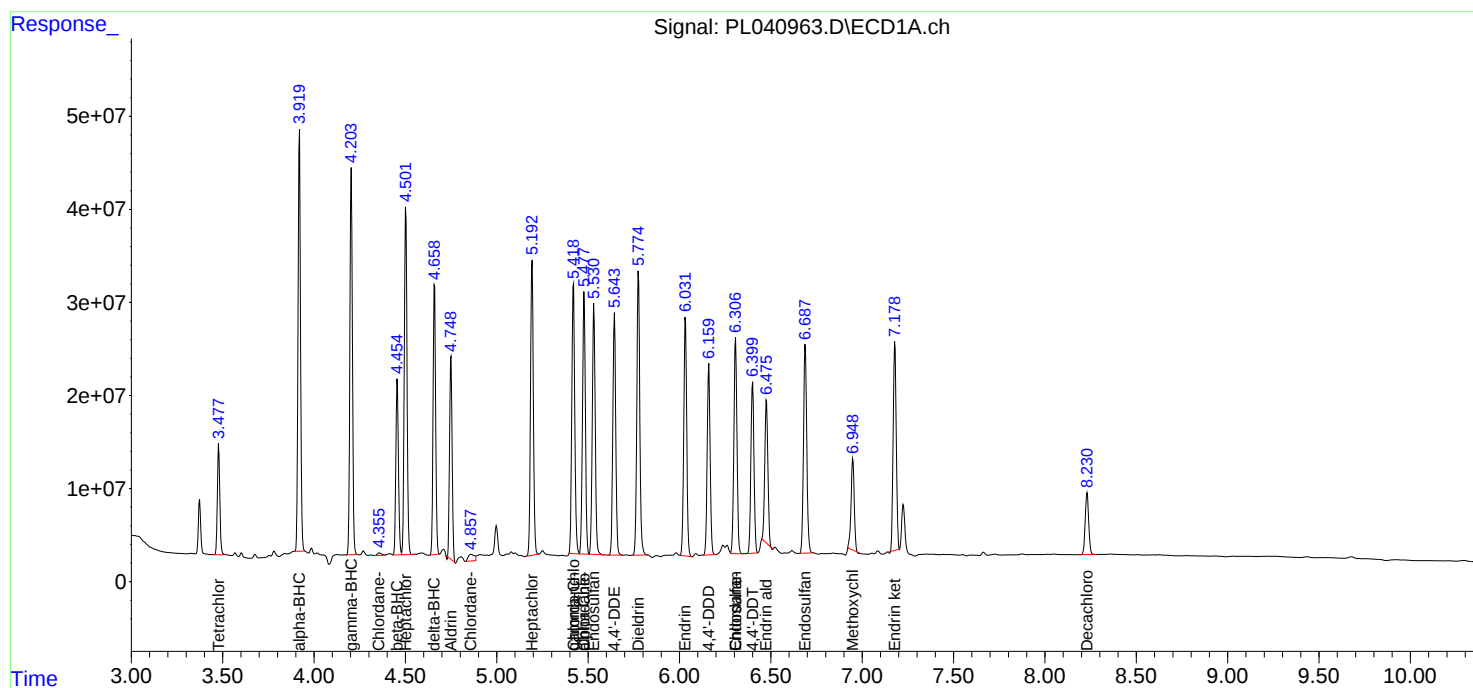
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

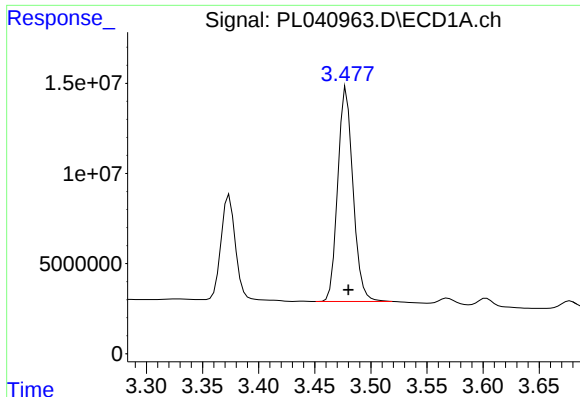
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101218\  
Data File : PL040963.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Oct 2018 14:10  
Operator : AJ\SJ  
Sample : J5197-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 23:47:38 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 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 x0.25µm

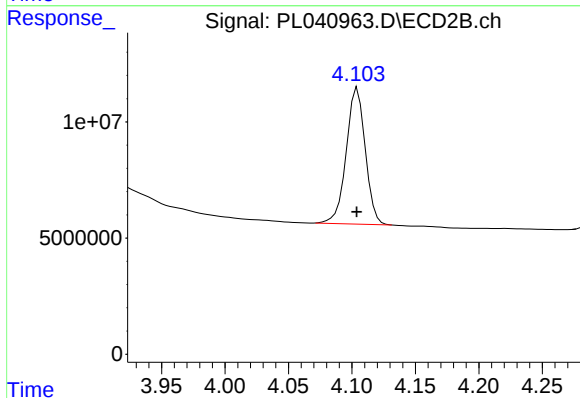




#1 Tetrachloro-m-xylene

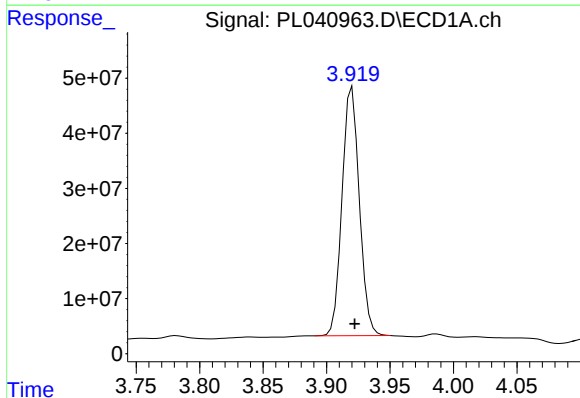
R.T.: 3.478 min  
Delta R.T.: -0.002 min  
Response: 112383605  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



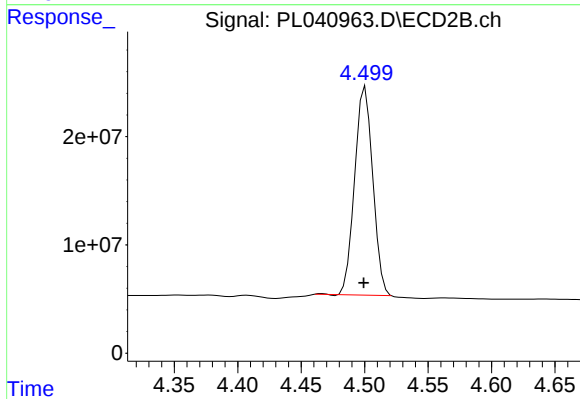
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 60990356  
Conc: 21.87 ng/ml



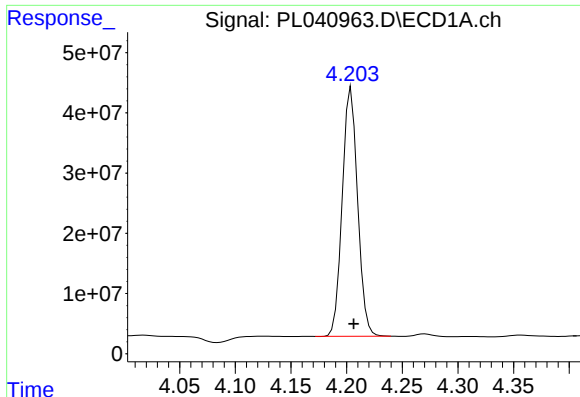
#2 alpha-BHC

R.T.: 3.920 min  
Delta R.T.: -0.002 min  
Response: 427794196  
Conc: 53.99 ng/ml



#2 alpha-BHC

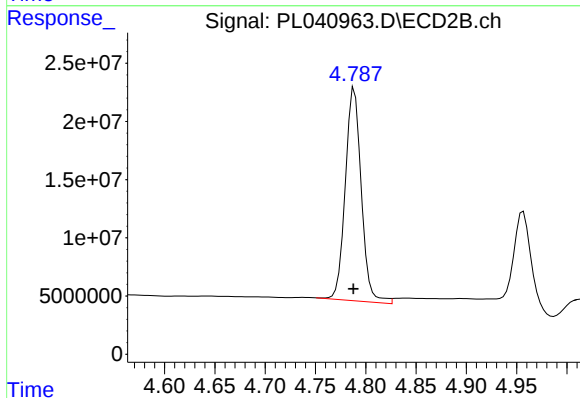
R.T.: 4.501 min  
Delta R.T.: 0.001 min  
Response: 190981550  
Conc: 49.36 ng/ml



#3 gamma-BHC (Lindane)

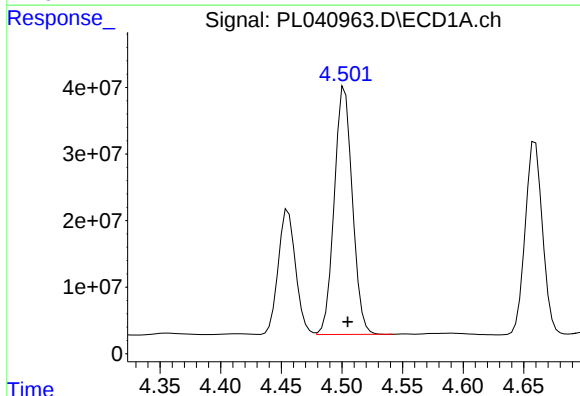
R.T.: 4.204 min  
Delta R.T.: -0.002 min  
Response: 396929493  
Conc: 54.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



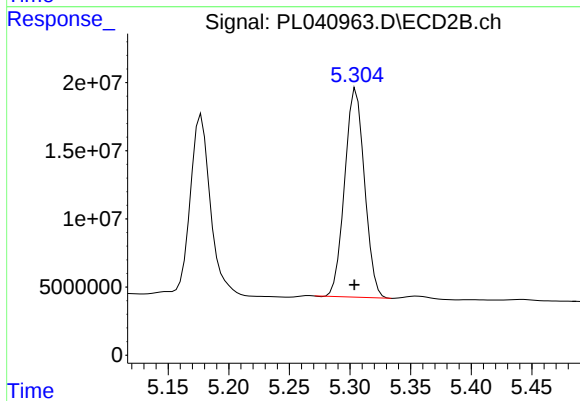
#3 gamma-BHC (Lindane)

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 202146504  
Conc: 56.77 ng/ml



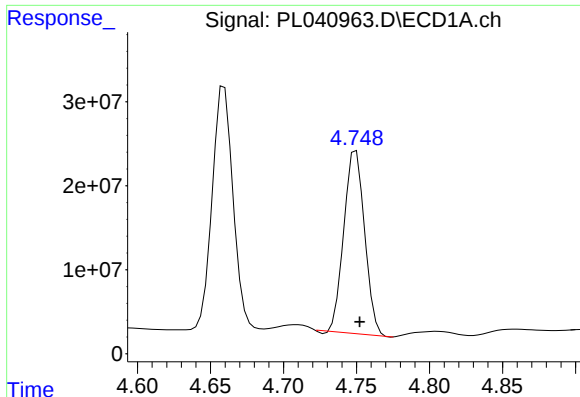
#4 Heptachlor

R.T.: 4.502 min  
Delta R.T.: -0.002 min  
Response: 385305685  
Conc: 52.29 ng/ml



#4 Heptachlor

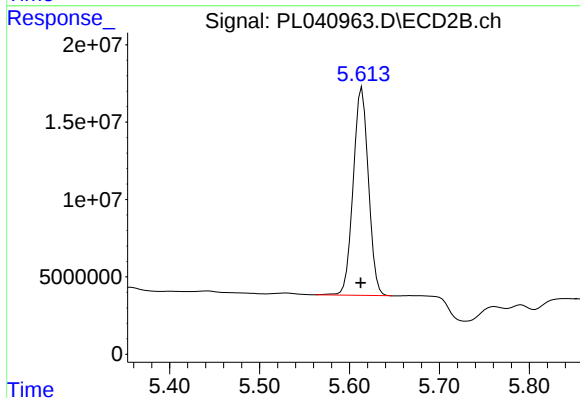
R.T.: 5.305 min  
Delta R.T.: 0.001 min  
Response: 173997826  
Conc: 51.41 ng/ml



#5 Aldrin

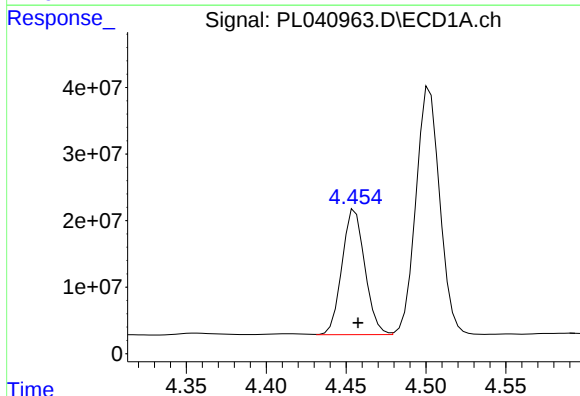
R.T.: 4.750 min  
Delta R.T.: -0.002 min  
Response: 215005018  
Conc: 31.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



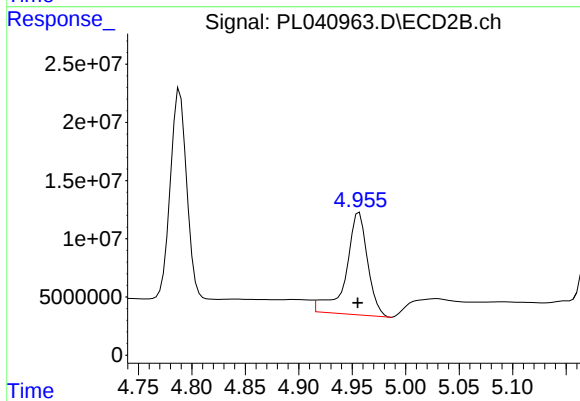
#5 Aldrin

R.T.: 5.614 min  
Delta R.T.: 0.002 min  
Response: 157377773  
Conc: 52.14 ng/ml



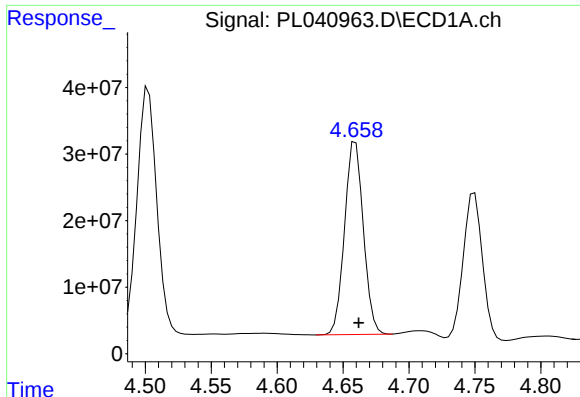
#6 beta-BHC

R.T.: 4.456 min  
Delta R.T.: -0.002 min  
Response: 187182247  
Conc: 58.99 ng/ml



#6 beta-BHC

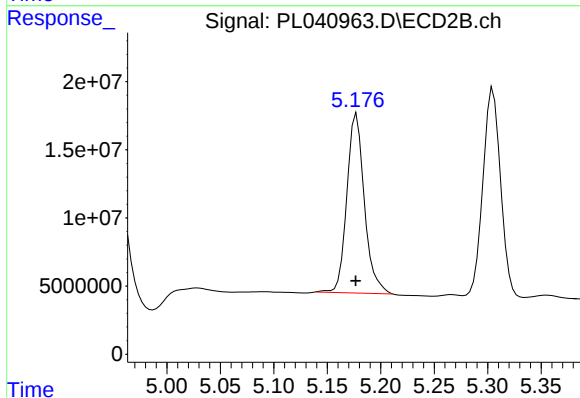
R.T.: 4.957 min  
Delta R.T.: 0.002 min  
Response: 124228981  
Conc: 77.51 ng/ml



#7 delta-BHC

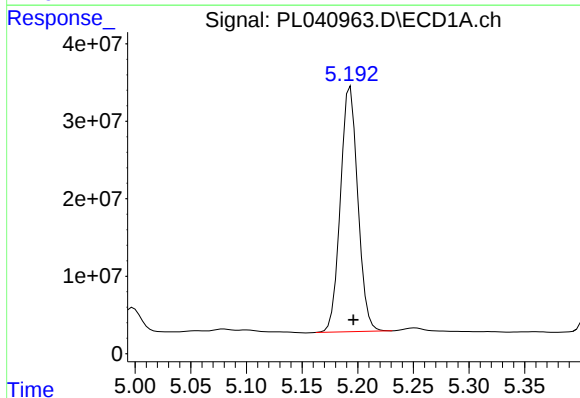
R.T.: 4.660 min  
Delta R.T.: -0.002 min  
Response: 286938156  
Conc: 43.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



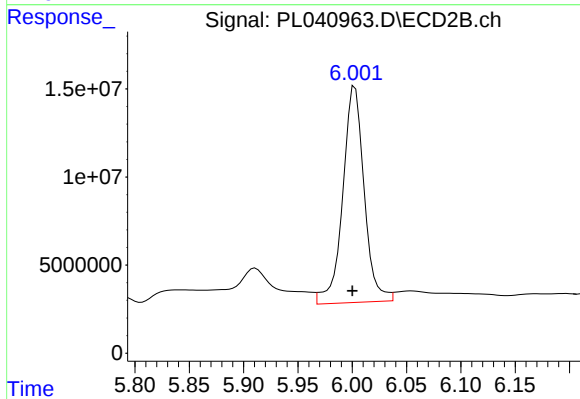
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 149948733  
Conc: 45.68 ng/ml



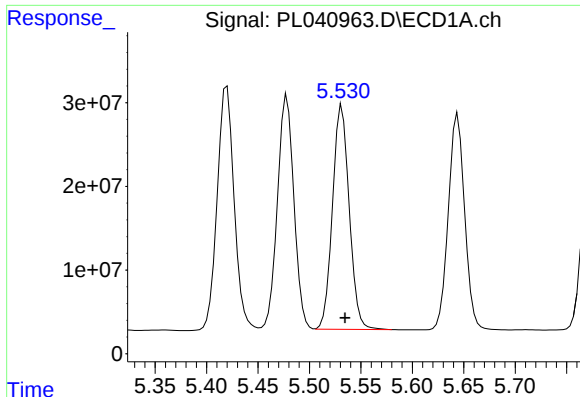
#8 Heptachlor epoxide

R.T.: 5.193 min  
Delta R.T.: -0.003 min  
Response: 344088789  
Conc: 52.46 ng/ml



#8 Heptachlor epoxide

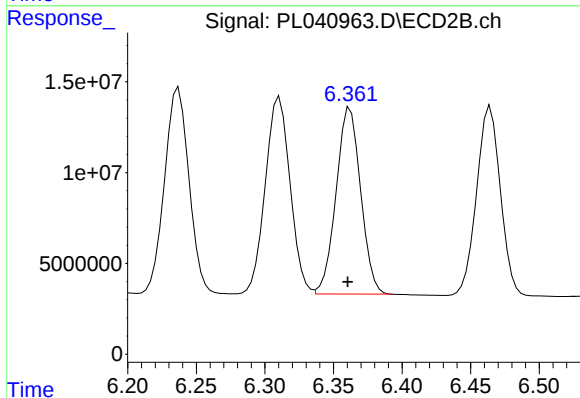
R.T.: 6.003 min  
Delta R.T.: 0.002 min  
Response: 168821593  
Conc: 58.86 ng/ml



#9 Endosulfan I

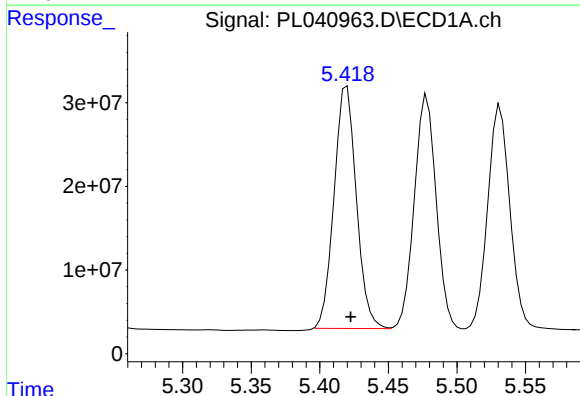
R.T.: 5.532 min  
Delta R.T.: -0.003 min  
Response: 302540805  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



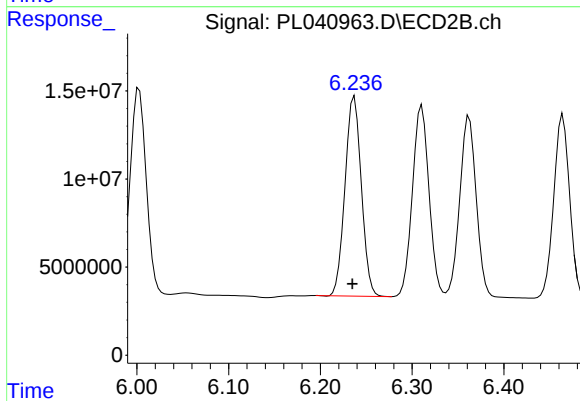
#9 Endosulfan I

R.T.: 6.362 min  
Delta R.T.: 0.002 min  
Response: 127911514  
Conc: 49.94 ng/ml



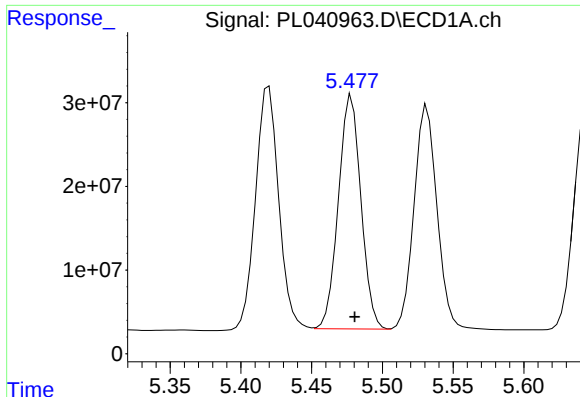
#10 gamma-Chlordane

R.T.: 5.420 min  
Delta R.T.: -0.003 min  
Response: 327775240  
Conc: 49.84 ng/ml



#10 gamma-Chlordane

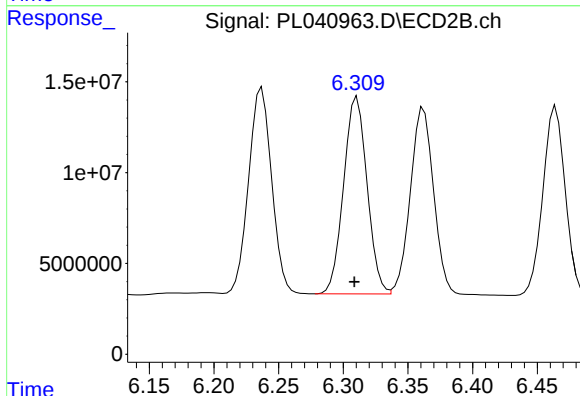
R.T.: 6.237 min  
Delta R.T.: 0.002 min  
Response: 139825509  
Conc: 49.85 ng/ml



#11 alpha-Chlordane

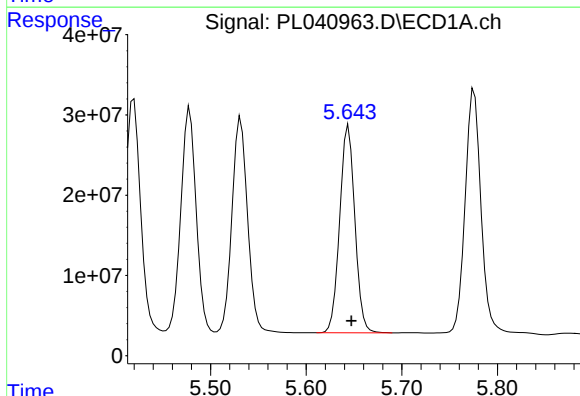
R.T.: 5.478 min  
Delta R.T.: -0.002 min  
Response: 310389907  
Conc: 47.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



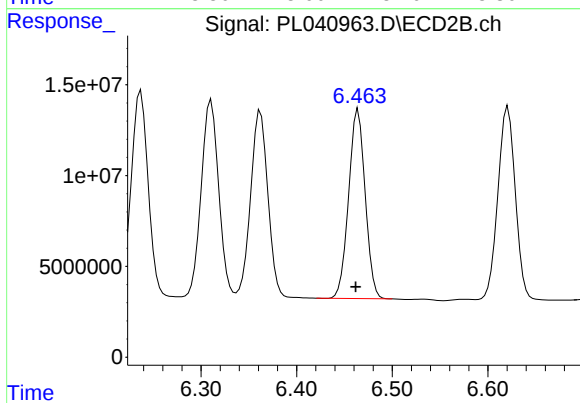
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.002 min  
Response: 136822742  
Conc: 49.30 ng/ml



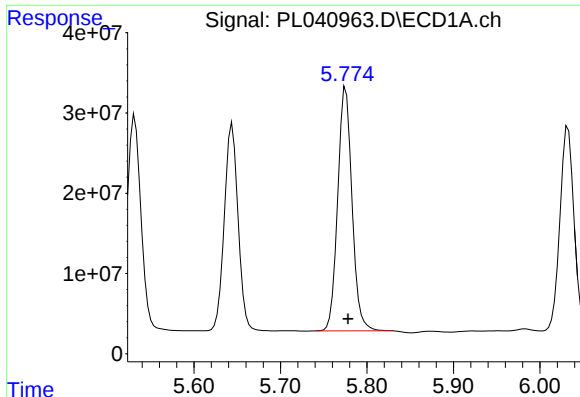
#12 4,4'-DDE

R.T.: 5.644 min  
Delta R.T.: -0.003 min  
Response: 285488977  
Conc: 50.23 ng/ml



#12 4,4'-DDE

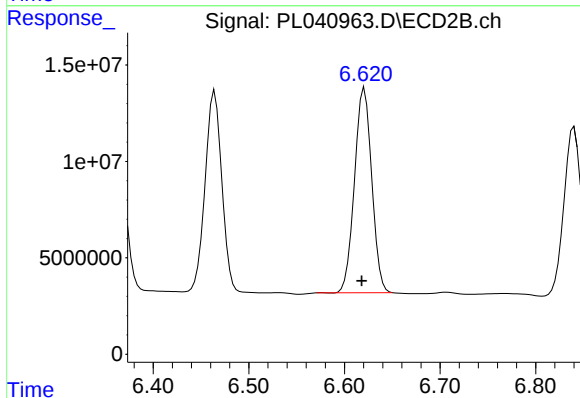
R.T.: 6.464 min  
Delta R.T.: 0.003 min  
Response: 125692919  
Conc: 47.52 ng/ml



#13 Dieldrin

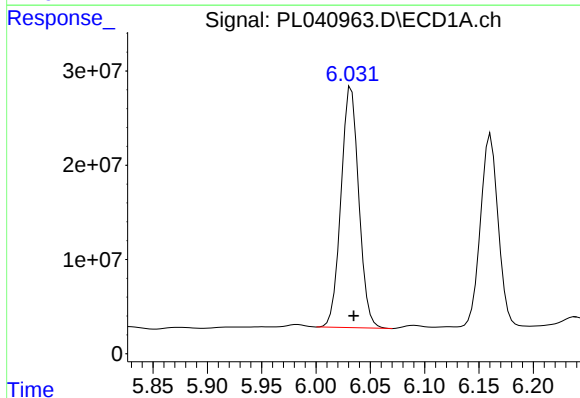
R.T.: 5.776 min  
Delta R.T.: -0.003 min  
Response: 347300841  
Conc: 54.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



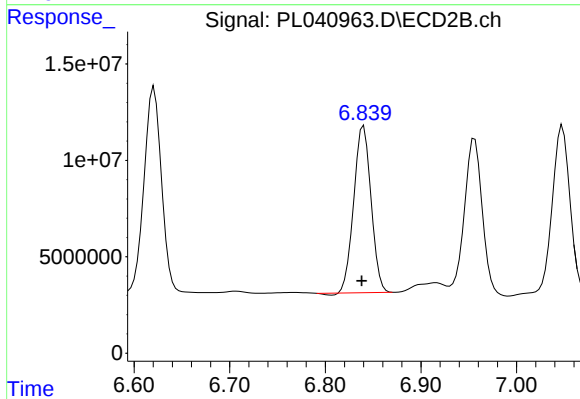
#13 Dieldrin

R.T.: 6.621 min  
Delta R.T.: 0.003 min  
Response: 133161122  
Conc: 50.02 ng/ml



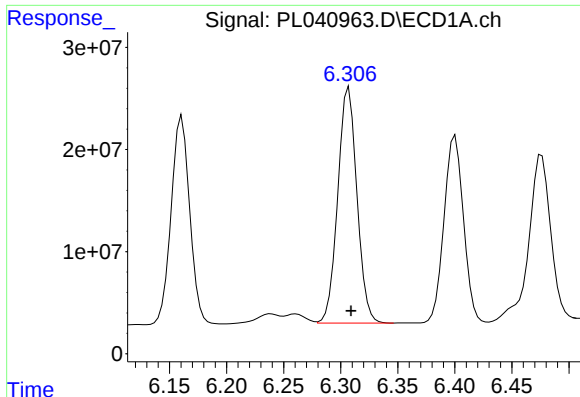
#14 Endrin

R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 291875446  
Conc: 50.81 ng/ml



#14 Endrin

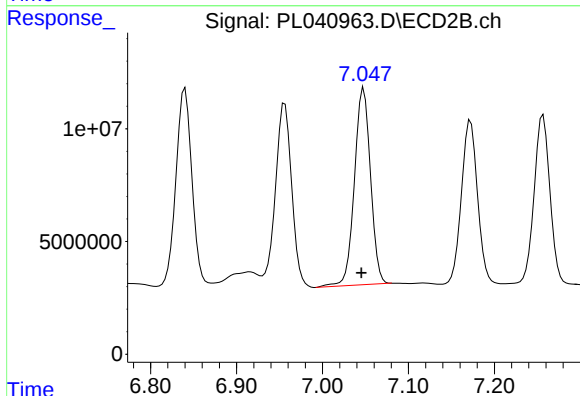
R.T.: 6.840 min  
Delta R.T.: 0.002 min  
Response: 108748089  
Conc: 48.72 ng/ml



#15 Endosulfan II

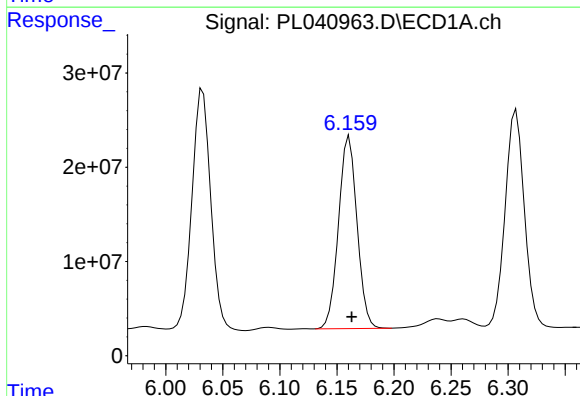
R.T.: 6.307 min  
Delta R.T.: -0.002 min  
Response: 269932888  
Conc: 48.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



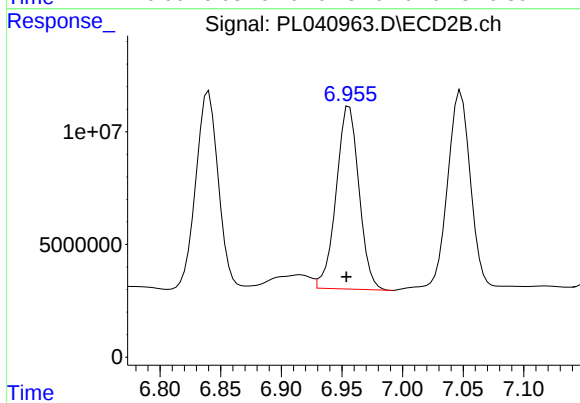
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.003 min  
Response: 113484125  
Conc: 47.78 ng/ml



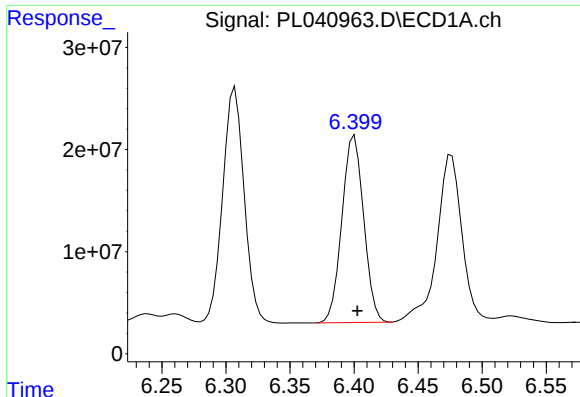
#16 4,4'-DDD

R.T.: 6.161 min  
Delta R.T.: -0.002 min  
Response: 230630061  
Conc: 51.06 ng/ml



#16 4,4'-DDD

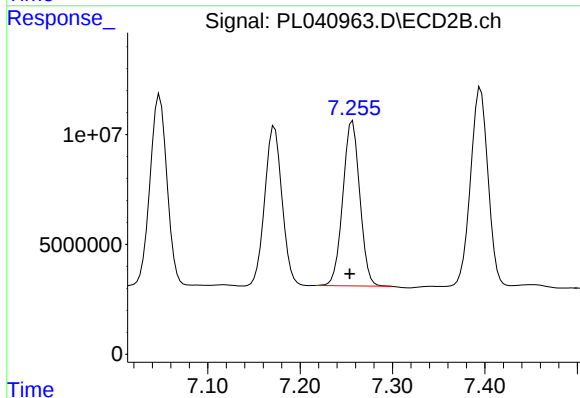
R.T.: 6.956 min  
Delta R.T.: 0.002 min  
Response: 106188122  
Conc: 50.69 ng/ml



#17 4,4'-DDT

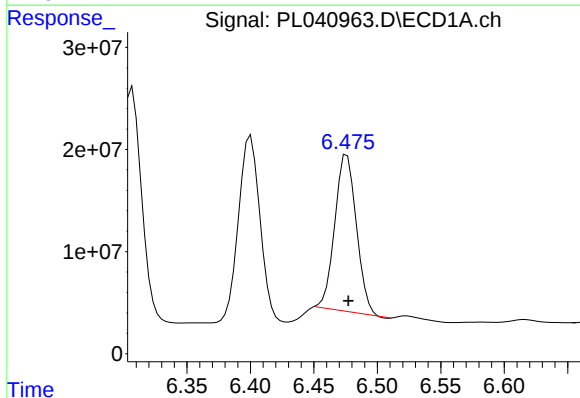
R.T.: 6.400 min  
Delta R.T.: -0.002 min  
Response: 216282236  
Conc: 47.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



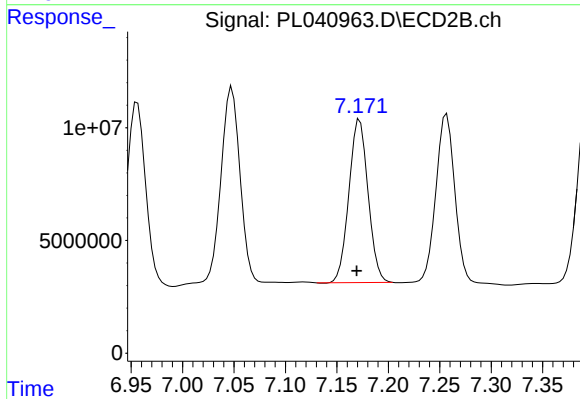
#17 4,4'-DDT

R.T.: 7.257 min  
Delta R.T.: 0.003 min  
Response: 95885811  
Conc: 46.10 ng/ml



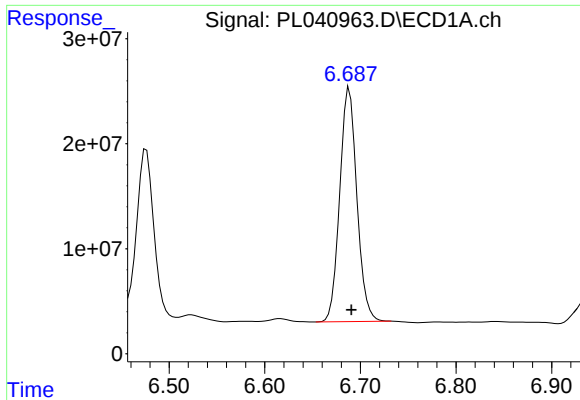
#18 Endrin aldehyde

R.T.: 6.476 min  
Delta R.T.: -0.001 min  
Response: 180004117  
Conc: 42.93 ng/ml



#18 Endrin aldehyde

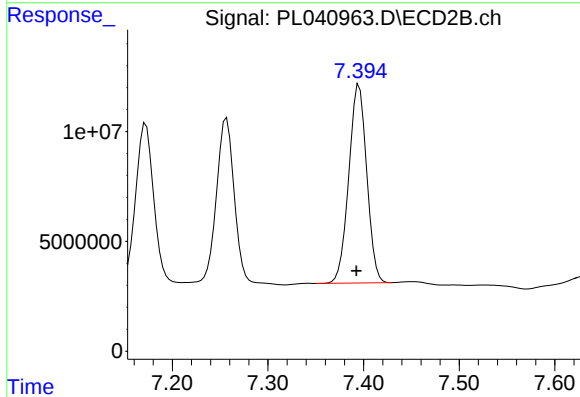
R.T.: 7.172 min  
Delta R.T.: 0.003 min  
Response: 93720541  
Conc: 47.24 ng/ml



#19 Endosulfan Sulfate

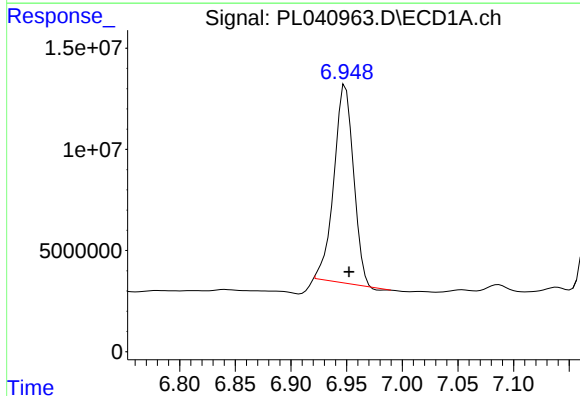
R.T.: 6.688 min  
Delta R.T.: -0.002 min  
Response: 277898445  
Conc: 54.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



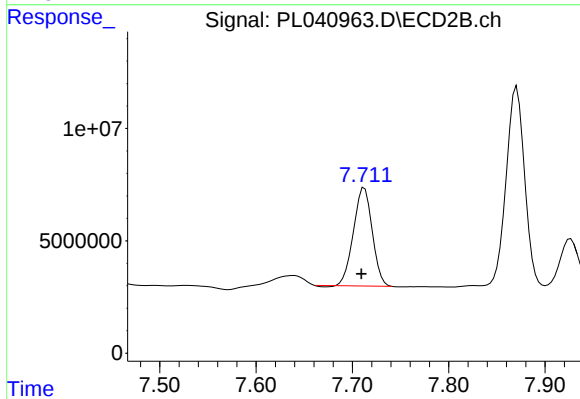
#19 Endosulfan Sulfate

R.T.: 7.395 min  
Delta R.T.: 0.003 min  
Response: 118254367  
Conc: 52.92 ng/ml



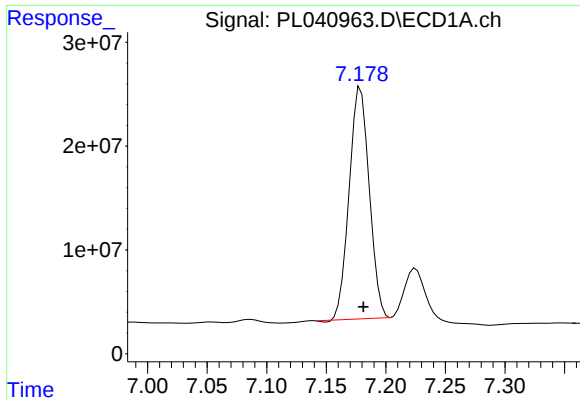
#20 Methoxychlor

R.T.: 6.949 min  
Delta R.T.: -0.003 min  
Response: 118643393  
Conc: 45.61 ng/ml



#20 Methoxychlor

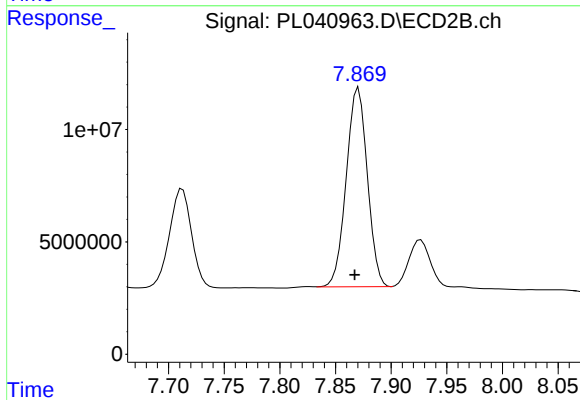
R.T.: 7.712 min  
Delta R.T.: 0.003 min  
Response: 58888079  
Conc: 50.03 ng/ml



#21 Endrin ketone

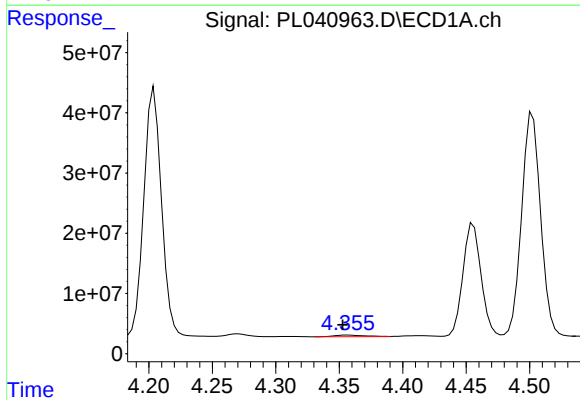
R.T.: 7.179 min  
Delta R.T.: -0.002 min  
Response: 261471703  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



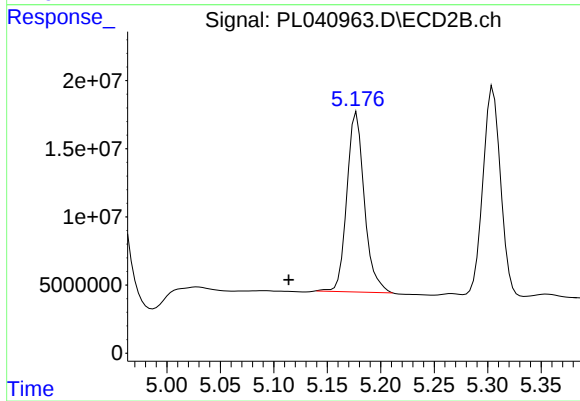
#21 Endrin ketone

R.T.: 7.871 min  
Delta R.T.: 0.003 min  
Response: 116801326  
Conc: 49.67 ng/ml



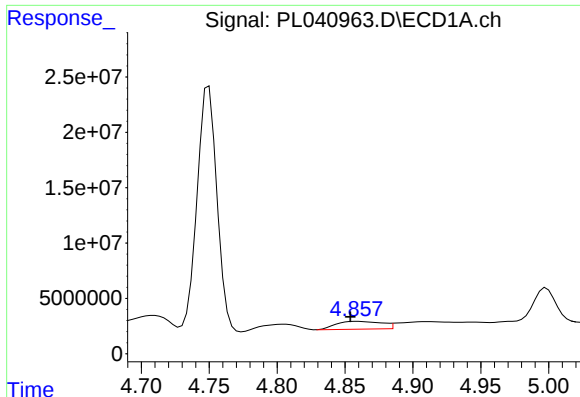
#23 Chlordane-1

R.T.: 4.356 min  
Delta R.T.: 0.003 min  
Response: 4438638  
Conc: 17.39 ng/ml



#23 Chlordane-1

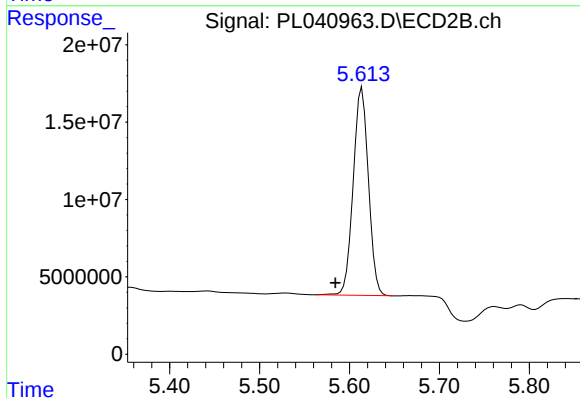
R.T.: 5.177 min  
Delta R.T.: 0.064 min  
Response: 149948733  
Conc: 1214.02 ng/ml



#24 Chlordane-2

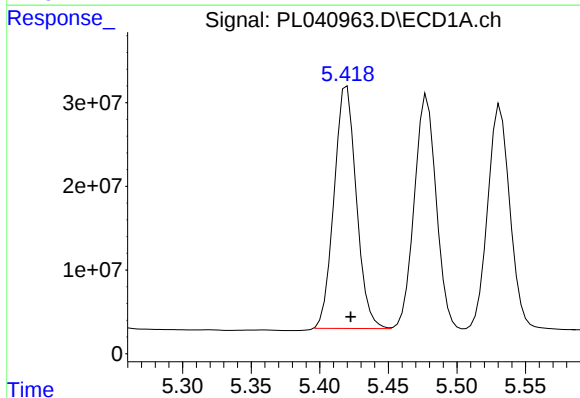
R.T.: 4.859 min  
Delta R.T.: 0.005 min  
Response: 16707463  
Conc: 61.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



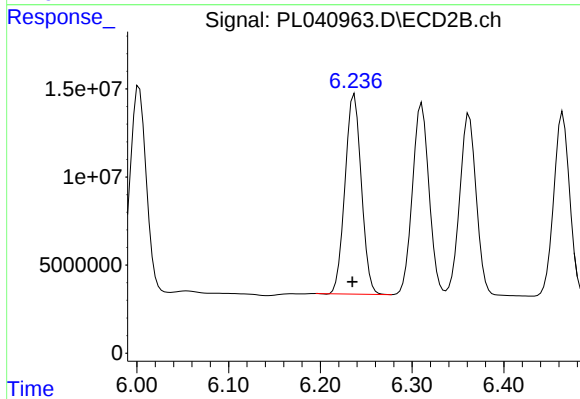
#24 Chlordane-2

R.T.: 5.614 min  
Delta R.T.: 0.030 min  
Response: 157377773  
Conc: 1272.56 ng/ml



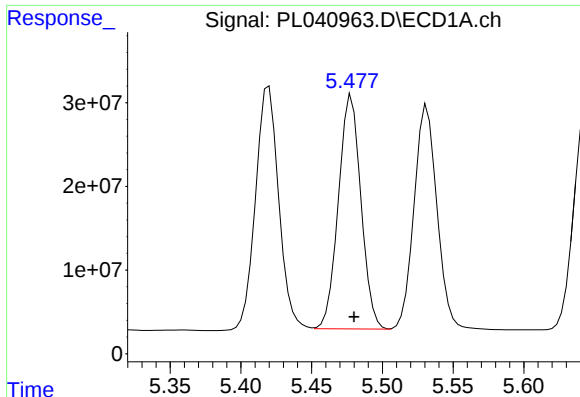
#25 Chlordane-3

R.T.: 5.420 min  
Delta R.T.: -0.003 min  
Response: 327775240  
Conc: 428.26 ng/ml



#25 Chlordane-3

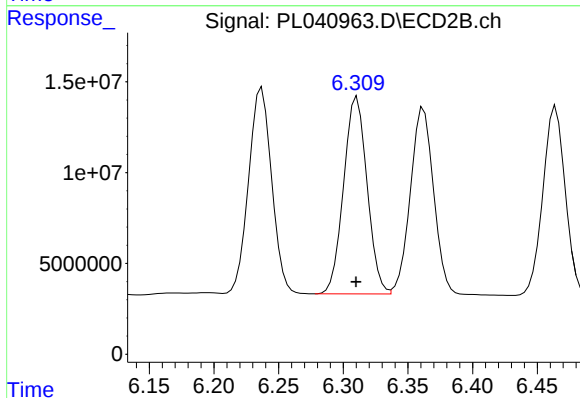
R.T.: 6.237 min  
Delta R.T.: 0.002 min  
Response: 139825509  
Conc: 346.85 ng/ml



#26 Chlordane-4

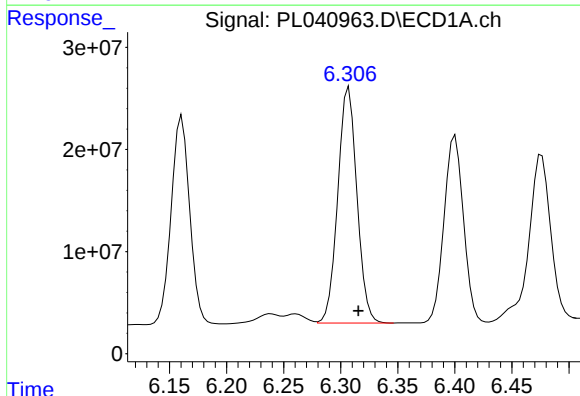
R.T.: 5.478 min  
Delta R.T.: -0.002 min  
Response: 310389907  
Conc: 462.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



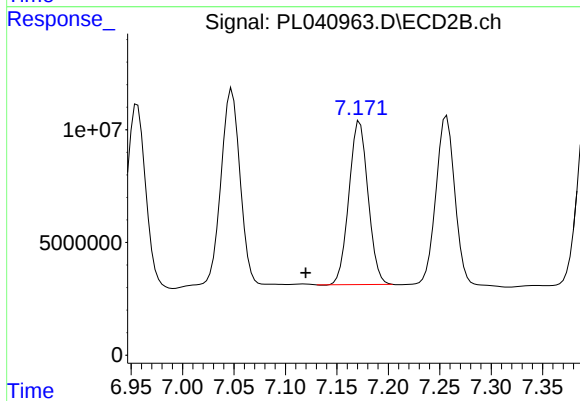
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 136822742  
Conc: 288.27 ng/ml



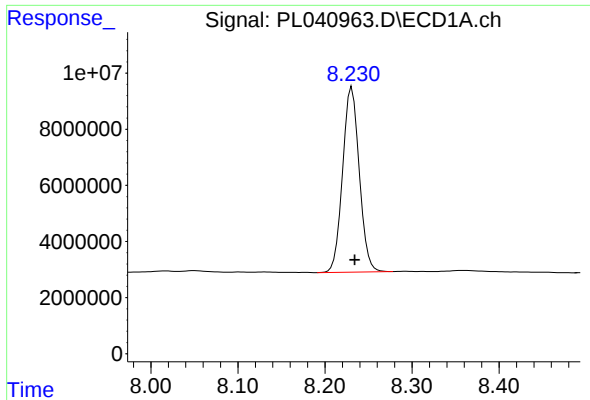
#27 Chlordane-5

R.T.: 6.307 min  
Delta R.T.: -0.009 min  
Response: 269932888  
Conc: 1245.56 ng/ml



#27 Chlordane-5

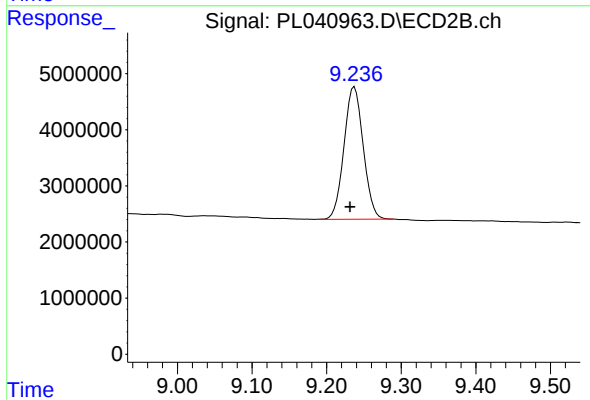
R.T.: 7.172 min  
Delta R.T.: 0.053 min  
Response: 93720541  
Conc: 1059.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.231 min  
Delta R.T.: -0.003 min  
Response: 87523732  
Conc: 16.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.006 min  
Response: 42217623  
Conc: 16.33 ng/ml