

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041119\  
 Data File : PL047298.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Apr 2019 21:18  
 Operator : AJ\SJ  
 Sample : K2361-01MS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-BPM-01-E1-E1A-F1-F1AMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 01:18:40 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 2019  
 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 x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.356 | 3.975  | 150.1E6 | 48700571 | 20.635   | 21.270     |
| 28)                         | SA Decachlor... | 8.032 | 9.025  | 178.7E6 | 52853897 | 21.246   | 22.797     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.785 | 4.365  | 625.9E6 | 172.3E6  | 53.669   | 53.609     |
| 3)                          | MA gamma-BHC... | 4.062 | 4.649  | 569.3E6 | 161.5E6  | 52.986   | 53.945     |
| 4)                          | MA Heptachlor   | 4.349 | 5.155  | 589.7E6 | 162.0E6  | 53.484   | 52.658     |
| 5)                          | MB Aldrin       | 4.589 | 5.459  | 554.5E6 | 153.3E6  | 53.759   | 53.517     |
| 6)                          | B beta-BHC      | 4.315 | 4.823  | 230.5E6 | 70326102 | 51.190   | 53.049     |
| 7)                          | B delta-BHC     | 4.511 | 5.038  | 525.0E6 | 103.6E6  | 51.864   | 44.673     |
| 8)                          | B Heptachlor... | 5.026 | 5.844  | 509.5E6 | 120.6E6  | 52.235   | 45.745     |
| 9)                          | A Endosulfan I  | 5.357 | 6.201  | 483.5E6 | 135.1E6  | 51.428   | 51.784     |
| 10)                         | B gamma-Chl...  | 5.249 | 6.079  | 528.8E6 | 145.2E6  | 51.478   | 51.163     |
| 11)                         | B alpha-Chl...  | 5.305 | 6.151  | 519.5E6 | 146.5E6  | 51.239   | 51.632     |
| 12)                         | B 4,4'-DDE      | 5.472 | 6.309  | 470.6E6 | 128.6E6  | 51.118   | 51.801     |
| 13)                         | MA Dieldrin     | 5.597 | 6.457  | 523.7E6 | 140.0E6  | 52.184   | 51.652     |
| 14)                         | MA Endrin       | 5.850 | 6.675  | 494.1E6 | 123.9E6  | 52.453   | 51.830     |
| 15)                         | B Endosulfa...  | 6.125 | 6.885  | 450.7E6 | 122.6E6  | 50.304   | 50.814     |
| 16)                         | A 4,4'-DDD      | 5.983 | 6.799  | 393.2E6 | 104.5E6  | 52.018   | 51.946     |
| 17)                         | MA 4,4'-DDT     | 6.218 | 7.097  | 407.9E6 | 108.8E6  | 53.857   | 51.897     |
| 18)                         | B Endrin al...  | 6.291 | 7.010  | 371.3E6 | 105.6E6  | 49.542   | 49.722     |
| 19)                         | B Endosulfa...  | 6.503 | 7.232  | 436.4E6 | 122.7E6  | 53.147   | 52.023     |
| 20)                         | A Methoxychlor  | 6.762 | 7.556  | 217.1E6 | 67287296 | 51.085   | 52.784     |
| 21)                         | B Endrin ke...  | 6.986 | 7.701  | 469.3E6 | 132.5E6  | 50.749   | 53.346     |
| 22)                         | Mirex           | 7.161 | 8.152  | 354.1E6 | 100.3E6  | 48.598   | 50.170     |
| 24)                         | Chlordane-2     | 0.000 | 5.459f | 0       | 153.3E6  | N.D.     | 1312.604 # |
| 25)                         | Chlordane-3     | 5.249 | 6.079  | 528.8E6 | 145.2E6  | 474.838  | 380.848    |
| 26)                         | Chlordane-4     | 5.305 | 6.151  | 519.5E6 | 146.5E6  | 502.403  | 317.414 #  |
| 27)                         | Chlordane-5     | 6.125 | 0.000  | 450.7E6 | 0        | 1320.674 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

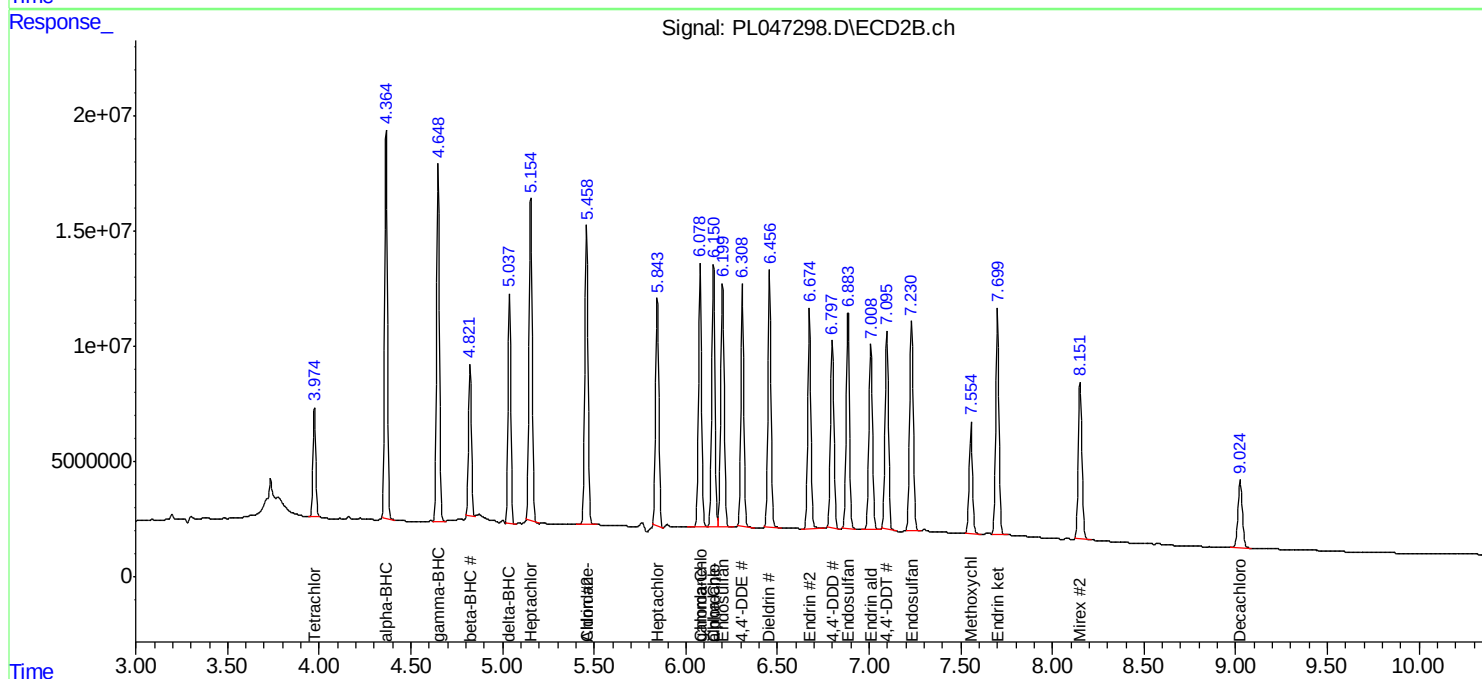
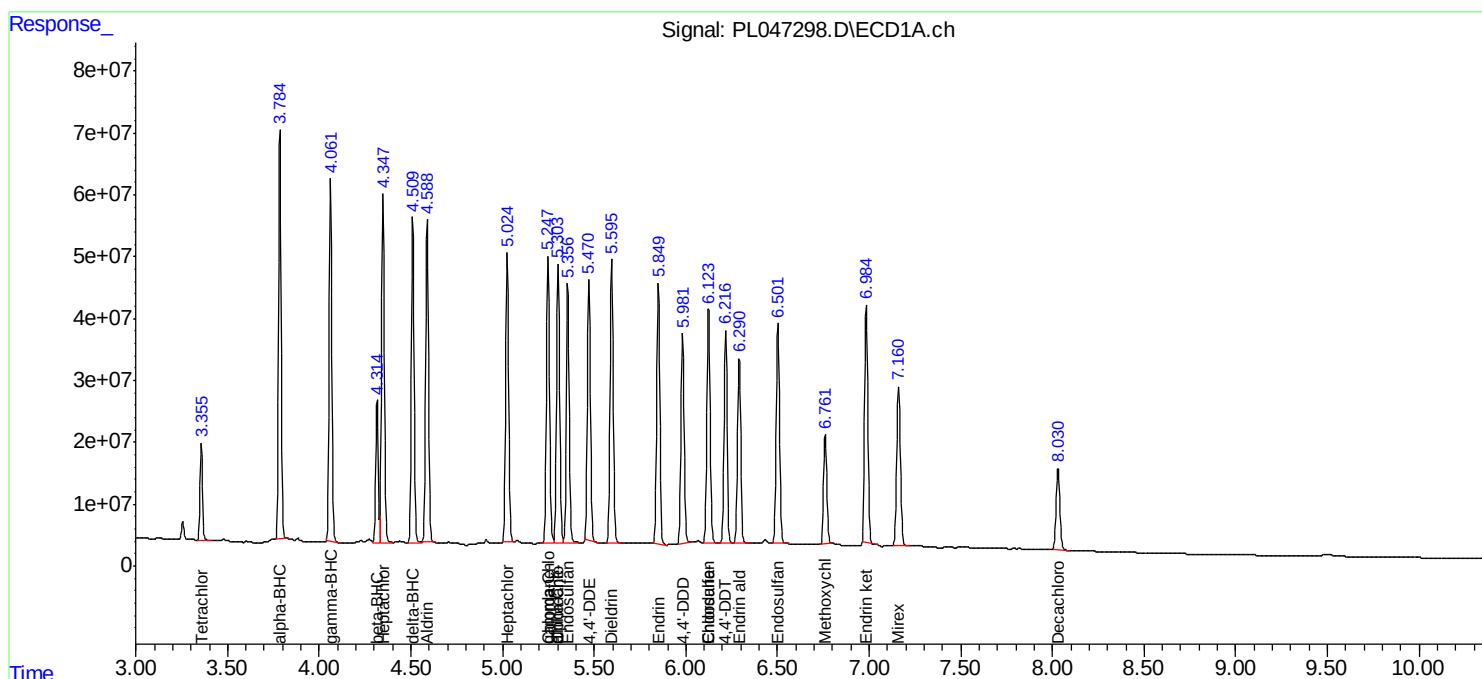
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

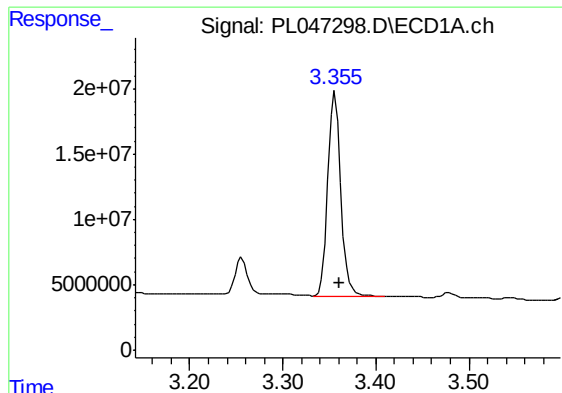
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041119\  
Data File : PL047298.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Apr 2019 21:18  
Operator : AJ\SJ  
Sample : K2361-01MS  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 01:18:40 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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 x0.5µm

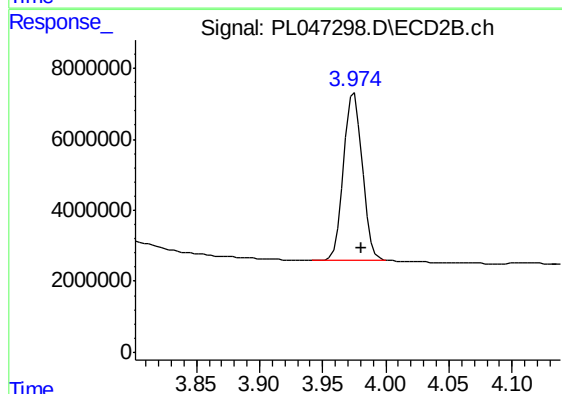




#1 Tetrachloro-m-xylene

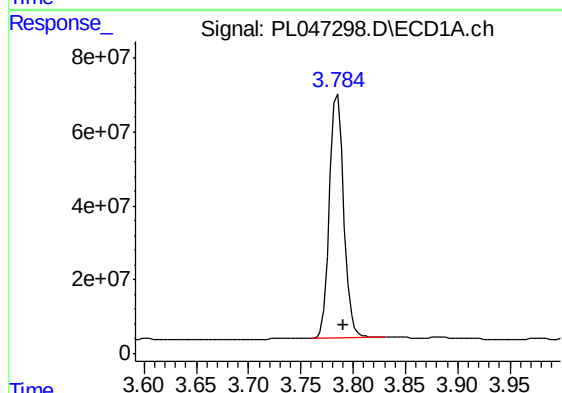
R.T.: 3.356 min  
Delta R.T.: -0.005 min  
Response: 150114134  
Conc: 20.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



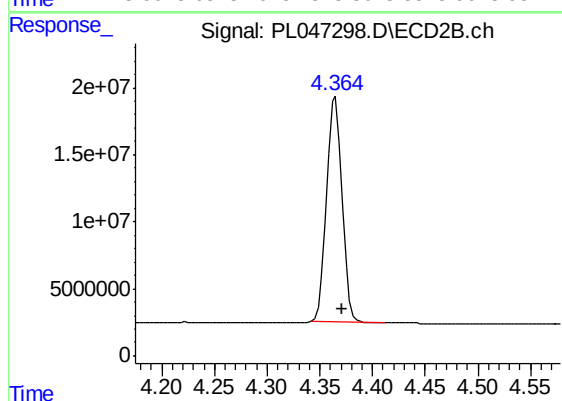
#1 Tetrachloro-m-xylene

R.T.: 3.975 min  
Delta R.T.: -0.006 min  
Response: 48700571  
Conc: 21.27 ng/ml



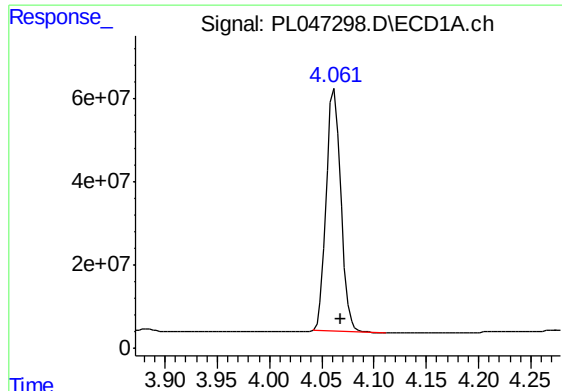
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 625885650  
Conc: 53.67 ng/ml



#2 alpha-BHC

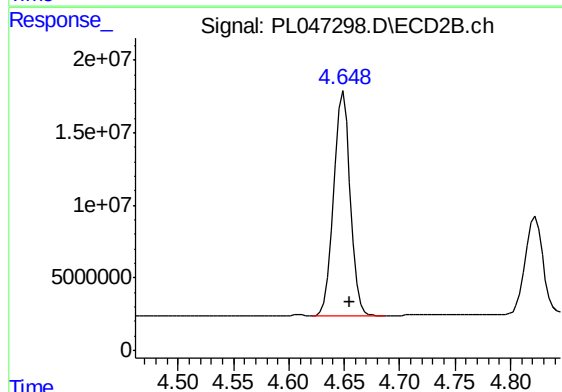
R.T.: 4.365 min  
Delta R.T.: -0.006 min  
Response: 172262888  
Conc: 53.61 ng/ml



#3 gamma-BHC (Lindane)

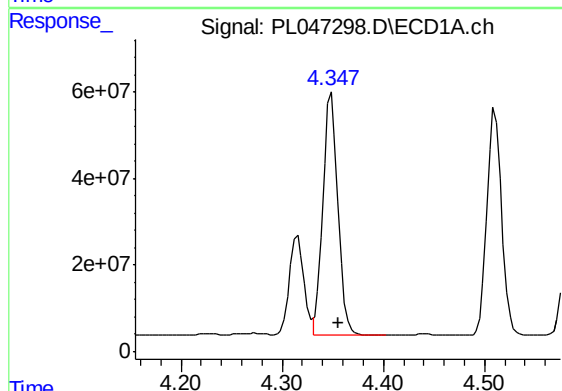
R.T.: 4.062 min  
Delta R.T.: -0.006 min  
Response: 569310437  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



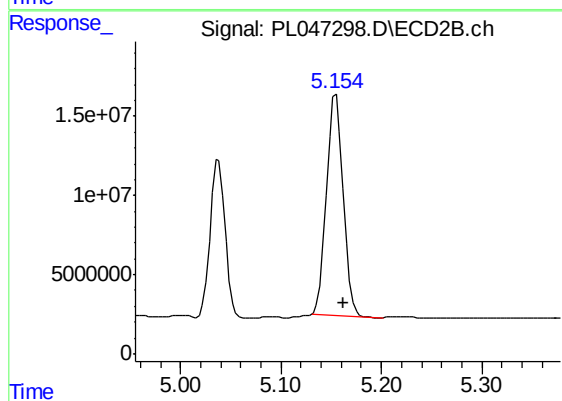
#3 gamma-BHC (Lindane)

R.T.: 4.649 min  
Delta R.T.: -0.006 min  
Response: 161459864  
Conc: 53.95 ng/ml



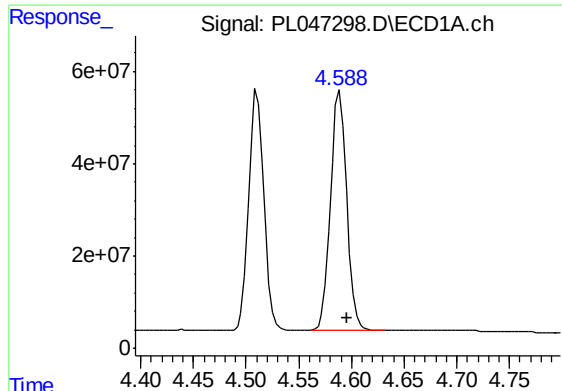
#4 Heptachlor

R.T.: 4.349 min  
Delta R.T.: -0.007 min  
Response: 589672940  
Conc: 53.48 ng/ml



#4 Heptachlor

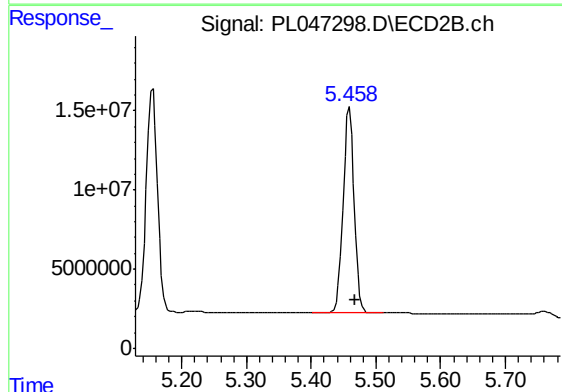
R.T.: 5.155 min  
Delta R.T.: -0.008 min  
Response: 161970161  
Conc: 52.66 ng/ml



#5 Aldrin

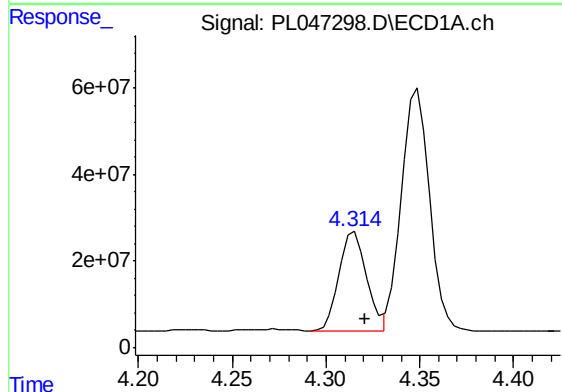
R.T.: 4.589 min  
Delta R.T.: -0.007 min  
Response: 554524721  
Conc: 53.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



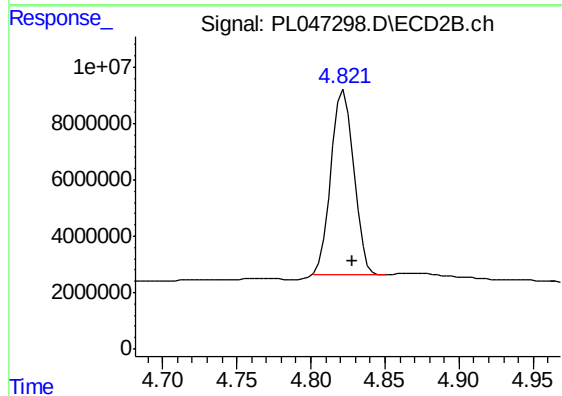
#5 Aldrin

R.T.: 5.459 min  
Delta R.T.: -0.008 min  
Response: 153324265  
Conc: 53.52 ng/ml



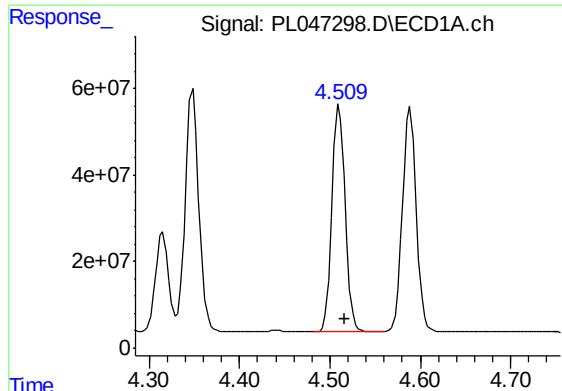
#6 beta-BHC

R.T.: 4.315 min  
Delta R.T.: -0.006 min  
Response: 230479037  
Conc: 51.19 ng/ml



#6 beta-BHC

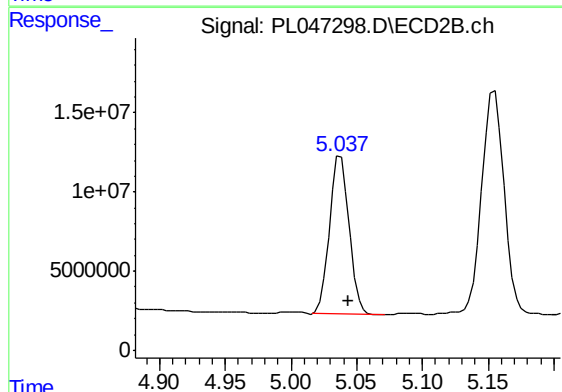
R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 70326102  
Conc: 53.05 ng/ml



#7 delta-BHC

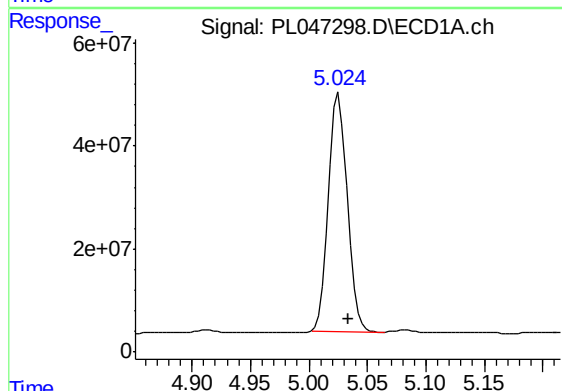
R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 525018722  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



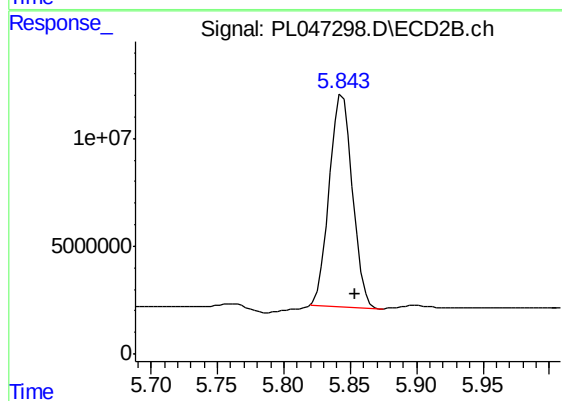
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.006 min  
Response: 103649461  
Conc: 44.67 ng/ml



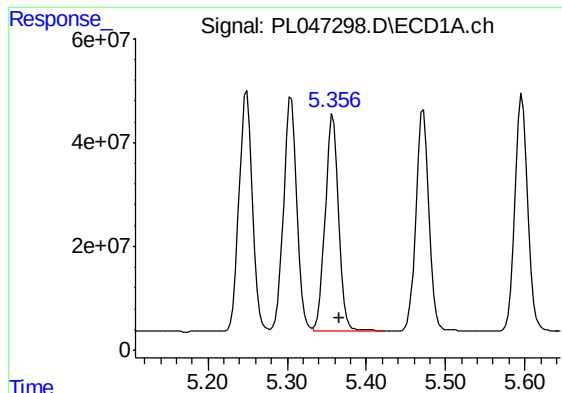
#8 Heptachlor epoxide

R.T.: 5.026 min  
Delta R.T.: -0.008 min  
Response: 509479113  
Conc: 52.24 ng/ml



#8 Heptachlor epoxide

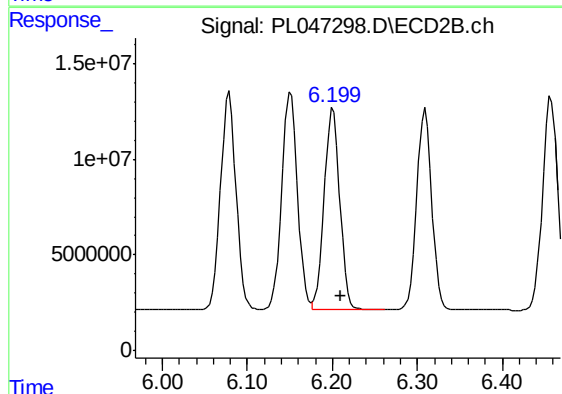
R.T.: 5.844 min  
Delta R.T.: -0.009 min  
Response: 120639211  
Conc: 45.75 ng/ml



#9 Endosulfan I

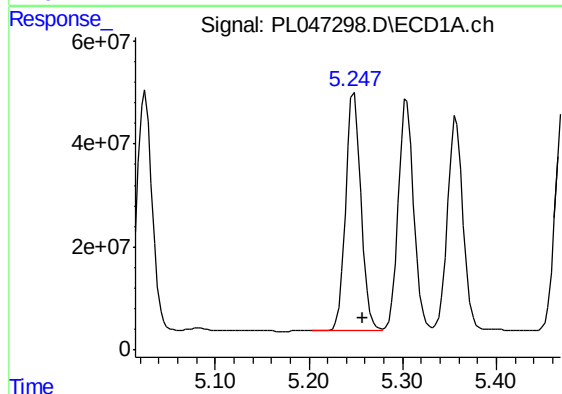
R.T.: 5.357 min  
Delta R.T.: -0.009 min  
Response: 483542860  
Conc: 51.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



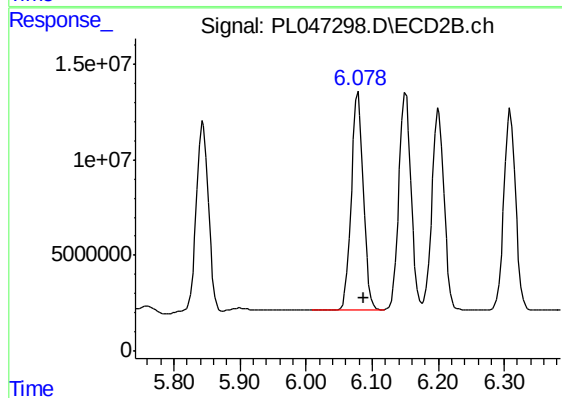
#9 Endosulfan I

R.T.: 6.201 min  
Delta R.T.: -0.009 min  
Response: 135149139  
Conc: 51.78 ng/ml



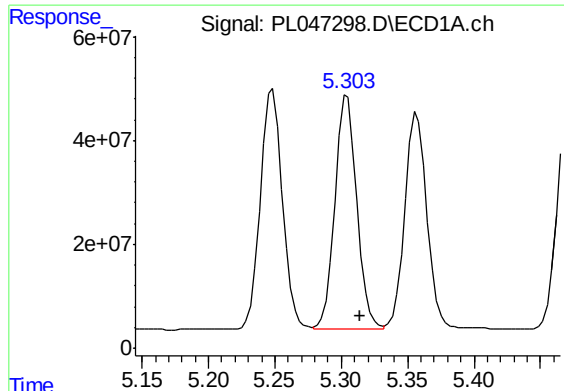
#10 gamma-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.008 min  
Response: 528814087  
Conc: 51.48 ng/ml



#10 gamma-Chlordane

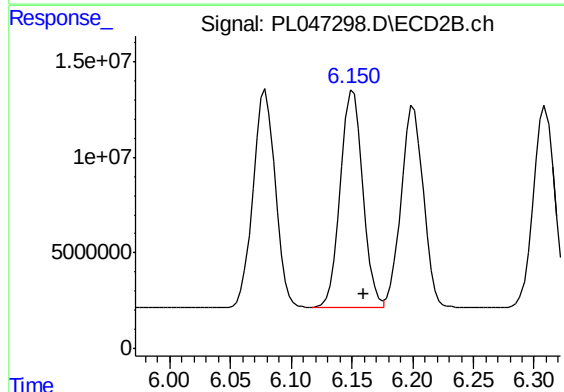
R.T.: 6.079 min  
Delta R.T.: -0.009 min  
Response: 145204997  
Conc: 51.16 ng/ml



#11 alpha-Chlordane

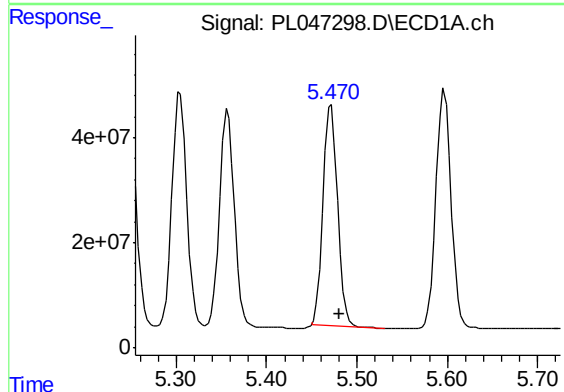
R.T.: 5.305 min  
Delta R.T.: -0.009 min  
Response: 519515045  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



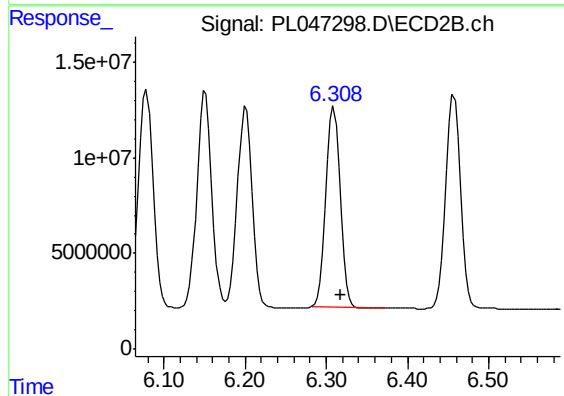
#11 alpha-Chlordane

R.T.: 6.151 min  
Delta R.T.: -0.009 min  
Response: 146462722  
Conc: 51.63 ng/ml



#12 4,4'-DDE

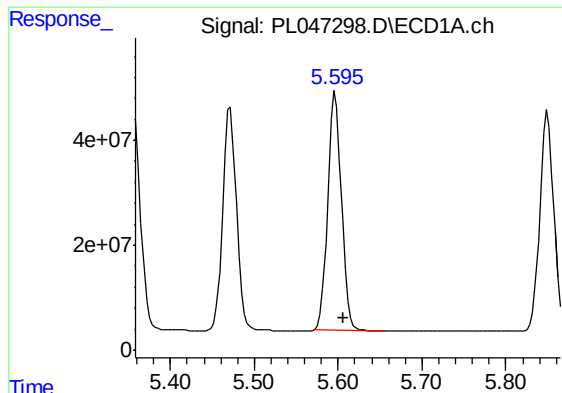
R.T.: 5.472 min  
Delta R.T.: -0.009 min  
Response: 470638816  
Conc: 51.12 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min  
Delta R.T.: -0.008 min  
Response: 128588155  
Conc: 51.80 ng/ml

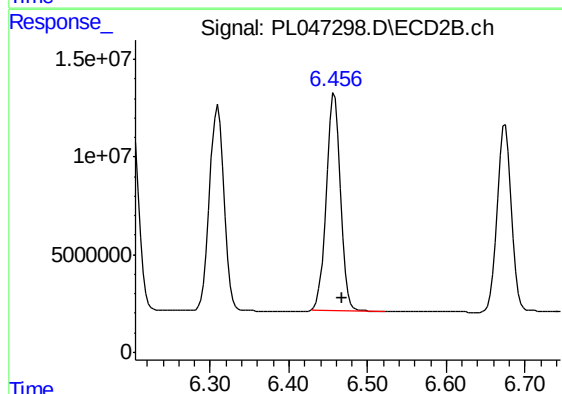




#13 Dieldrin

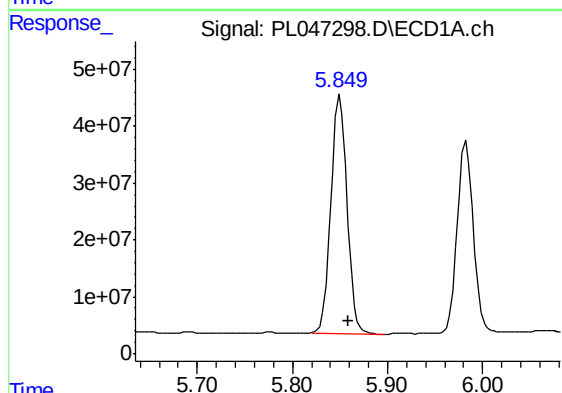
R.T.: 5.597 min  
Delta R.T.: -0.009 min  
Response: 523691847  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



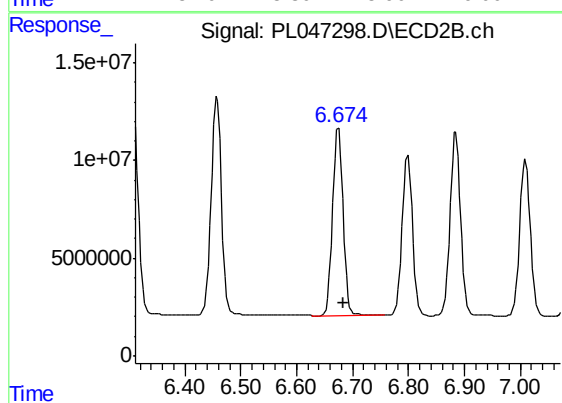
#13 Dieldrin

R.T.: 6.457 min  
Delta R.T.: -0.009 min  
Response: 140011011  
Conc: 51.65 ng/ml



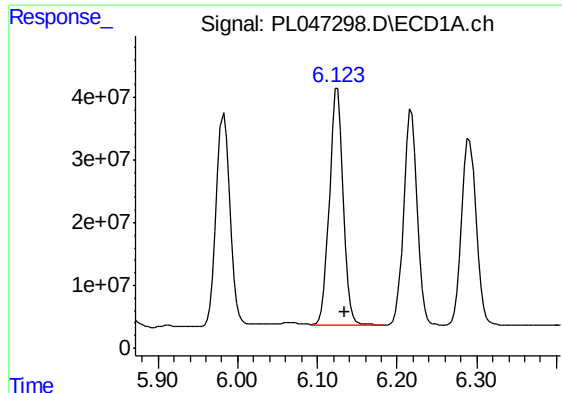
#14 Endrin

R.T.: 5.850 min  
Delta R.T.: -0.010 min  
Response: 494067137  
Conc: 52.45 ng/ml



#14 Endrin

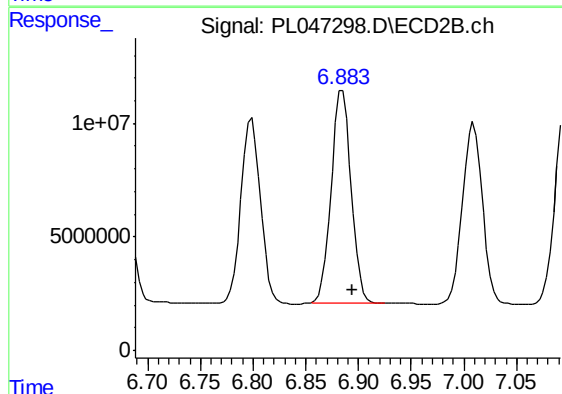
R.T.: 6.675 min  
Delta R.T.: -0.010 min  
Response: 123862415  
Conc: 51.83 ng/ml



#15 Endosulfan II

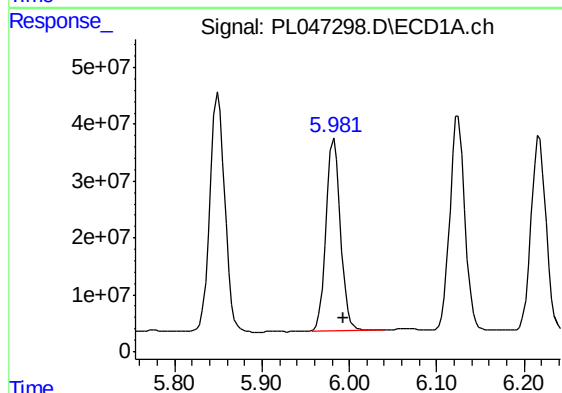
R.T.: 6.125 min  
Delta R.T.: -0.009 min  
Response: 450702648  
Conc: 50.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



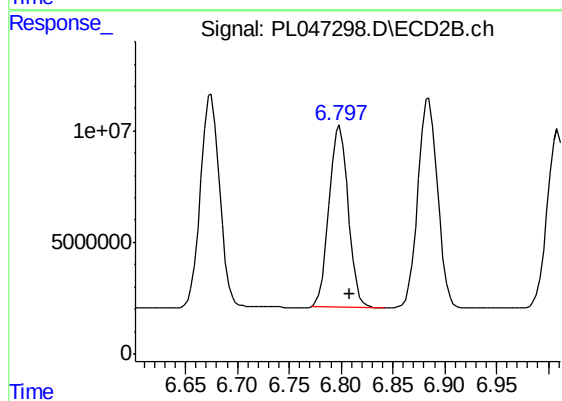
#15 Endosulfan II

R.T.: 6.885 min  
Delta R.T.: -0.010 min  
Response: 122607483  
Conc: 50.81 ng/ml



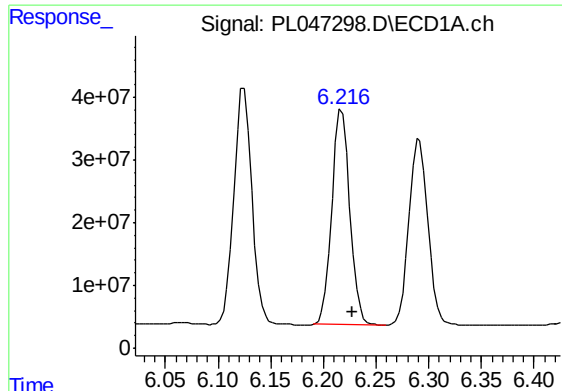
#16 4,4'-DDD

R.T.: 5.983 min  
Delta R.T.: -0.010 min  
Response: 393209594  
Conc: 52.02 ng/ml



#16 4,4'-DDD

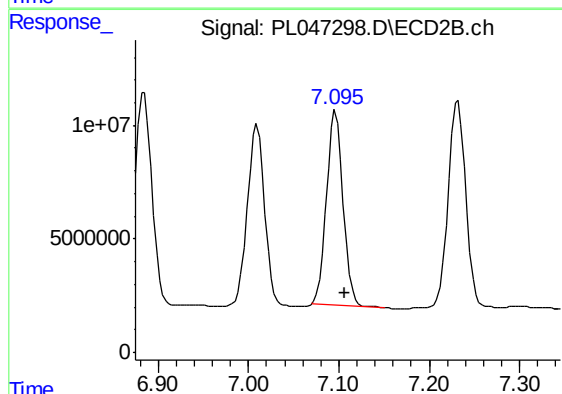
R.T.: 6.799 min  
Delta R.T.: -0.010 min  
Response: 104517652  
Conc: 51.95 ng/ml



#17 4,4'-DDT

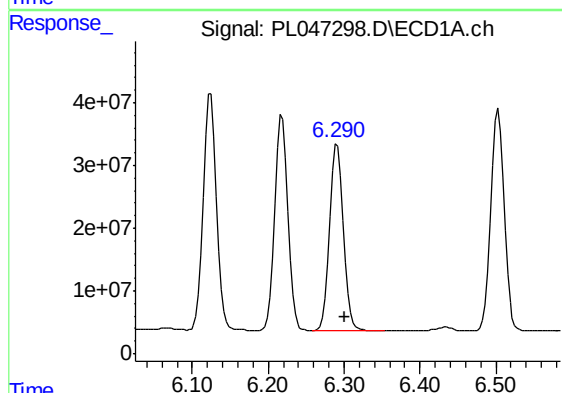
R.T.: 6.218 min  
Delta R.T.: -0.010 min  
Response: 407929885  
Conc: 53.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



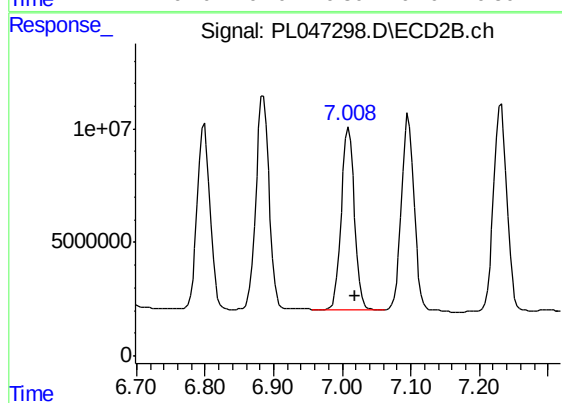
#17 4,4'-DDT

R.T.: 7.097 min  
Delta R.T.: -0.010 min  
Response: 108825249  
Conc: 51.90 ng/ml



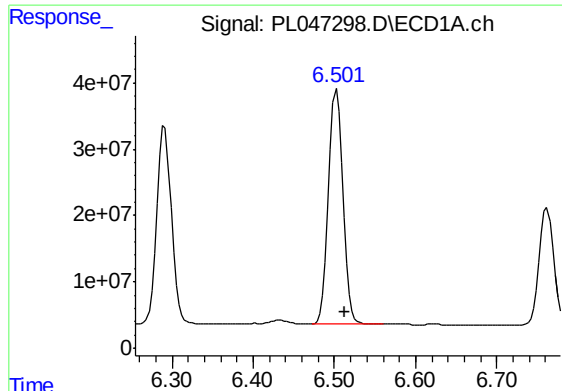
#18 Endrin aldehyde

R.T.: 6.291 min  
Delta R.T.: -0.010 min  
Response: 371327192  
Conc: 49.54 ng/ml



#18 Endrin aldehyde

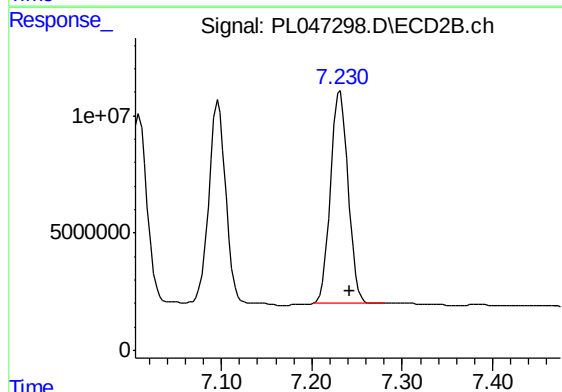
R.T.: 7.010 min  
Delta R.T.: -0.009 min  
Response: 105609634  
Conc: 49.72 ng/ml



#19 Endosulfan Sulfate

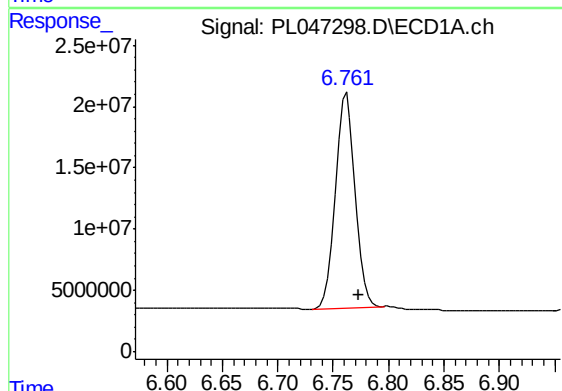
R.T.: 6.503 min  
Delta R.T.: -0.010 min  
Response: 436396395  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



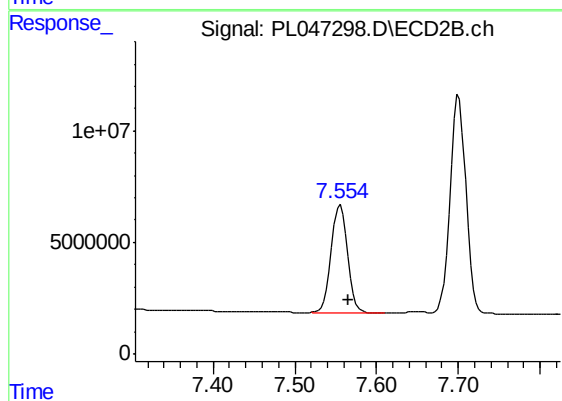
#19 Endosulfan Sulfate

R.T.: 7.232 min  
Delta R.T.: -0.010 min  
Response: 122723450  
Conc: 52.02 ng/ml



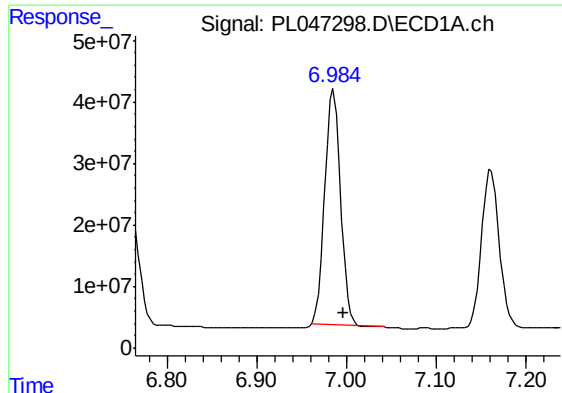
#20 Methoxychlor

R.T.: 6.762 min  
Delta R.T.: -0.011 min  
Response: 217103344  
Conc: 51.08 ng/ml



#20 Methoxychlor

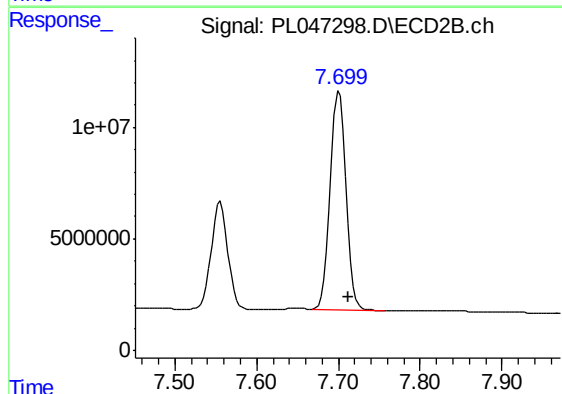
R.T.: 7.556 min  
Delta R.T.: -0.010 min  
Response: 67287296  
Conc: 52.78 ng/ml



#21 Endrin ketone

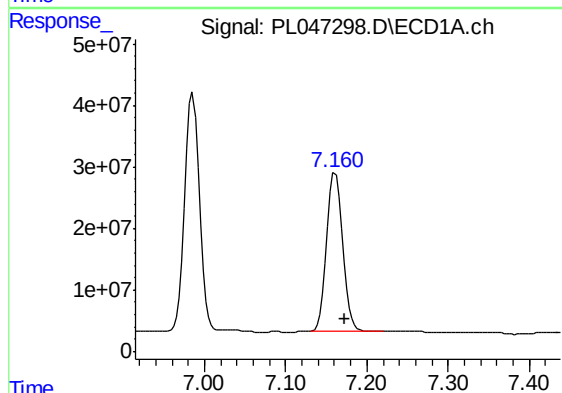
R.T.: 6.986 min  
Delta R.T.: -0.010 min  
Response: 469261788  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



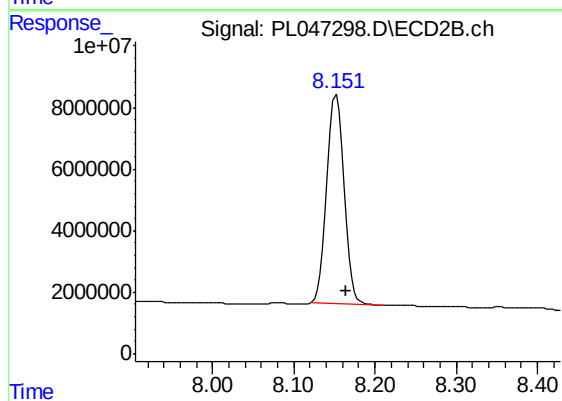
#21 Endrin ketone

R.T.: 7.701 min  
Delta R.T.: -0.011 min  
Response: 132541255  
Conc: 53.35 ng/ml



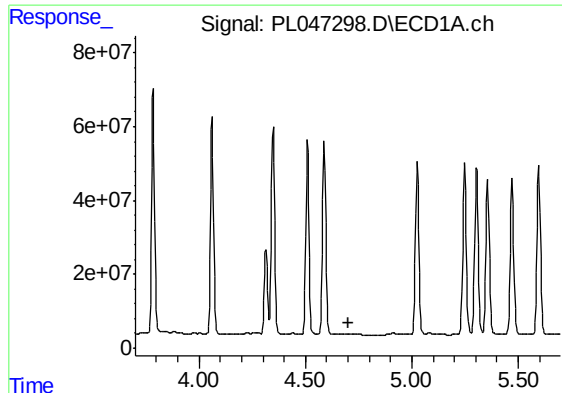
#22 Mirex

R.T.: 7.161 min  
Delta R.T.: -0.012 min  
Response: 354064926  
Conc: 48.60 ng/ml



#22 Mirex

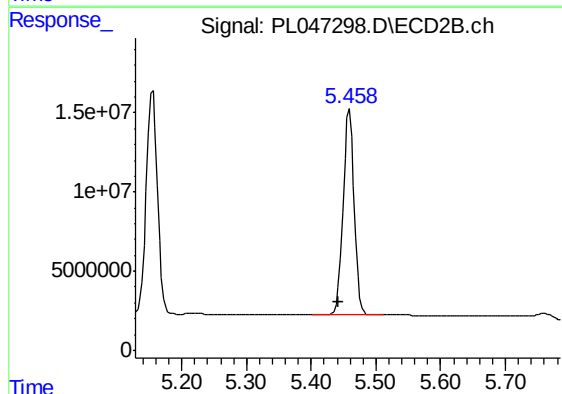
R.T.: 8.152 min  
Delta R.T.: -0.012 min  
Response: 100349331  
Conc: 50.17 ng/ml



#24 Chlordane-2

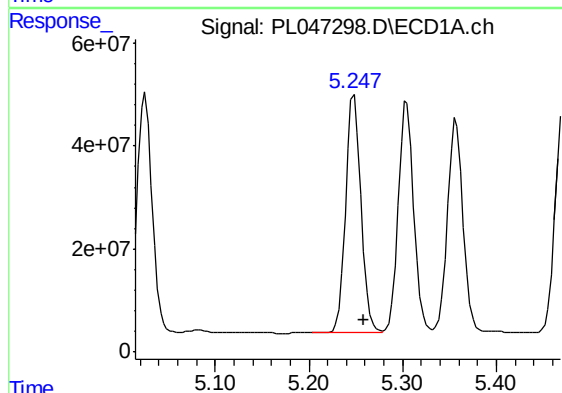
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



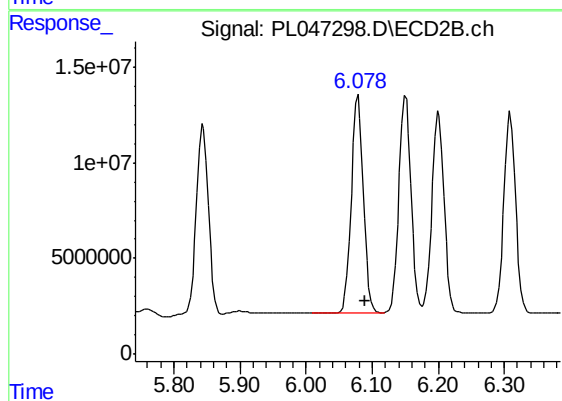
#24 Chlordane-2

R.T.: 5.459 min  
Delta R.T.: 0.016 min  
Response: 153324265  
Conc: 1312.60 ng/ml



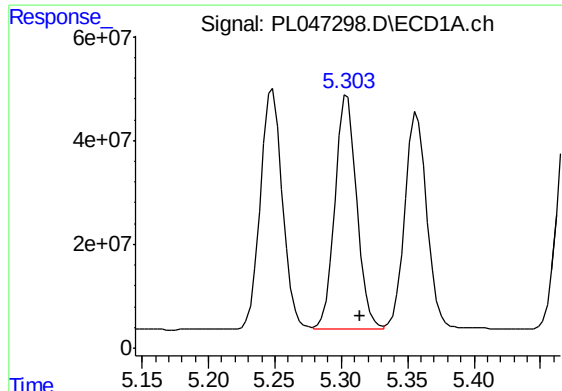
#25 Chlordane-3

R.T.: 5.249 min  
Delta R.T.: -0.010 min  
Response: 528814087  
Conc: 474.84 ng/ml



#25 Chlordane-3

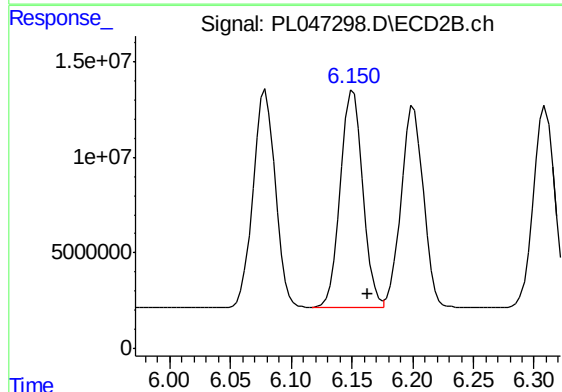
R.T.: 6.079 min  
Delta R.T.: -0.010 min  
Response: 145204997  
Conc: 380.85 ng/ml



#26 Chlordane-4

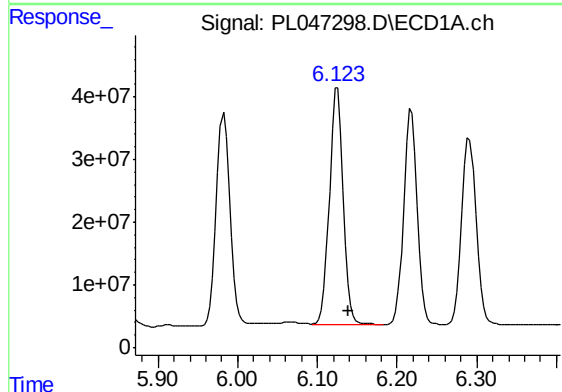
R.T.: 5.305 min  
Delta R.T.: -0.010 min  
Response: 519515045  
Conc: 502.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



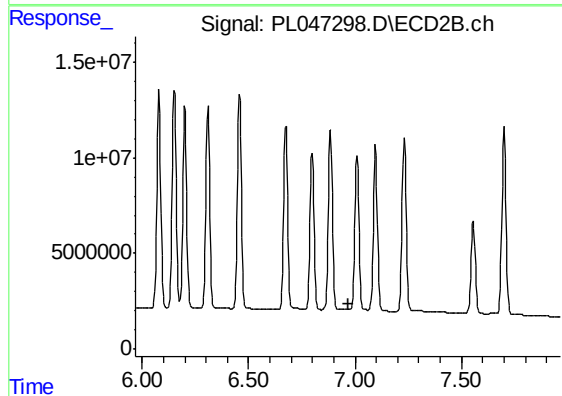
#26 Chlordane-4

R.T.: 6.151 min  
Delta R.T.: -0.012 min  
Response: 146462722  
Conc: 317.41 ng/ml



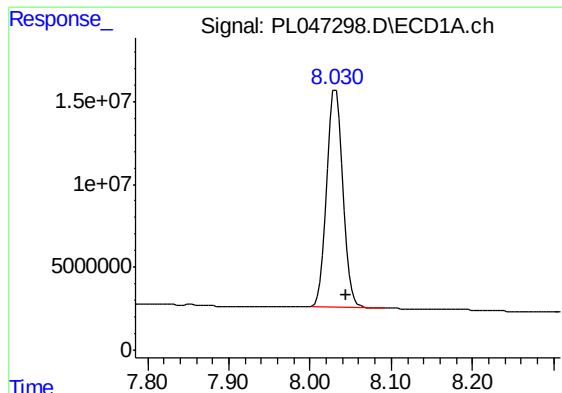
#27 Chlordane-5

R.T.: 6.125 min  
Delta R.T.: -0.015 min  
Response: 450702648  
Conc: 1320.67 ng/ml



#27 Chlordane-5

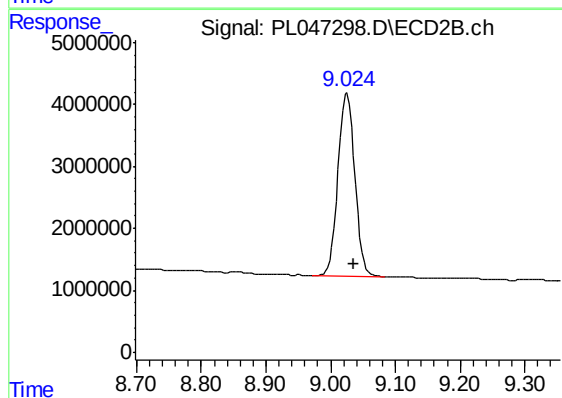
R.T.: 0.000 min  
Exp R.T.: 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.032 min  
Delta R.T.: -0.013 min  
Response: 178700351  
Conc: 21.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-BPM-01-E1-E1A-F1-F1AMS



#28 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: -0.010 min  
Response: 52853897  
Conc: 22.80 ng/ml