

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101219\  
 Data File : PL053263.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Oct 2019 01:56  
 Operator : SG\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 12 03:12:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 30 08:44:08 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... | 3.546 | 4.046 | 539.4E6 | 130.7E6  | 54.226 | 48.691 |
| 28)                         | SA Decachlor... | 8.335 | 9.125 | 478.3E6 | 142.2E6  | 47.752 | 48.458 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.989 | 4.438 | 885.0E6 | 192.9E6  | 55.483 | 50.243 |
| 3)                          | MA gamma-BHC... | 4.276 | 4.723 | 804.2E6 | 179.9E6  | 55.214 | 49.679 |
| 4)                          | MA Heptachlor   | 4.584 | 5.233 | 807.0E6 | 182.1E6  | 54.007 | 47.782 |
| 5)                          | MB Aldrin       | 4.837 | 5.539 | 756.3E6 | 168.7E6  | 54.983 | 48.682 |
| 6)                          | B beta-BHC      | 4.526 | 4.893 | 327.5E6 | 81878401 | 52.745 | 52.092 |
| 7)                          | B delta-BHC     | 4.735 | 5.110 | 764.4E6 | 173.8E6  | 53.345 | 48.013 |
| 8)                          | B Heptachlo...  | 5.282 | 5.925 | 693.0E6 | 163.3E6  | 53.177 | 48.732 |
| 9)                          | A Endosulfan I  | 5.625 | 6.281 | 637.2E6 | 151.7E6  | 52.503 | 48.539 |
| 10)                         | B gamma-Chl...  | 5.511 | 6.158 | 715.0E6 | 165.8E6  | 53.167 | 49.019 |
| 11)                         | B alpha-Chl...  | 5.570 | 6.231 | 693.5E6 | 162.8E6  | 52.579 | 48.356 |
| 12)                         | B 4,4'-DDE      | 5.733 | 6.386 | 627.6E6 | 160.4E6  | 54.075 | 49.118 |
| 13)                         | MA Dieldrin     | 5.869 | 6.538 | 693.6E6 | 159.5E6  | 53.730 | 48.891 |
| 14)                         | MA Endrin       | 6.128 | 6.756 | 601.1E6 | 135.4E6  | 52.772 | 48.766 |
| 15)                         | B Endosulfa...  | 6.401 | 6.964 | 588.3E6 | 143.1E6  | 51.334 | 48.219 |
| 16)                         | A 4,4'-DDD      | 6.250 | 6.876 | 496.4E6 | 122.5E6  | 55.232 | 49.963 |
| 17)                         | MA 4,4'-DDT     | 6.494 | 7.175 | 522.4E6 | 125.9E6  | 51.156 | 48.361 |
| 18)                         | B Endrin al...  | 6.569 | 7.088 | 475.2E6 | 119.0E6  | 50.597 | 48.513 |
| 19)                         | B Endosulfa...  | 6.783 | 7.311 | 519.4E6 | 130.7E6  | 49.898 | 47.879 |
| 20)                         | A Methoxychlor  | 7.039 | 7.632 | 239.8E6 | 68749221 | 46.488 | 48.830 |
| 21)                         | B Endrin ke...  | 7.277 | 7.782 | 573.3E6 | 142.5E6  | 49.186 | 49.943 |
| 22)                         | Mirex           | 7.471 | 8.238 | 430.2E6 | 118.2E6  | 45.557 | 52.571 |
| -----                       |                 |       |       |         |          |        |        |

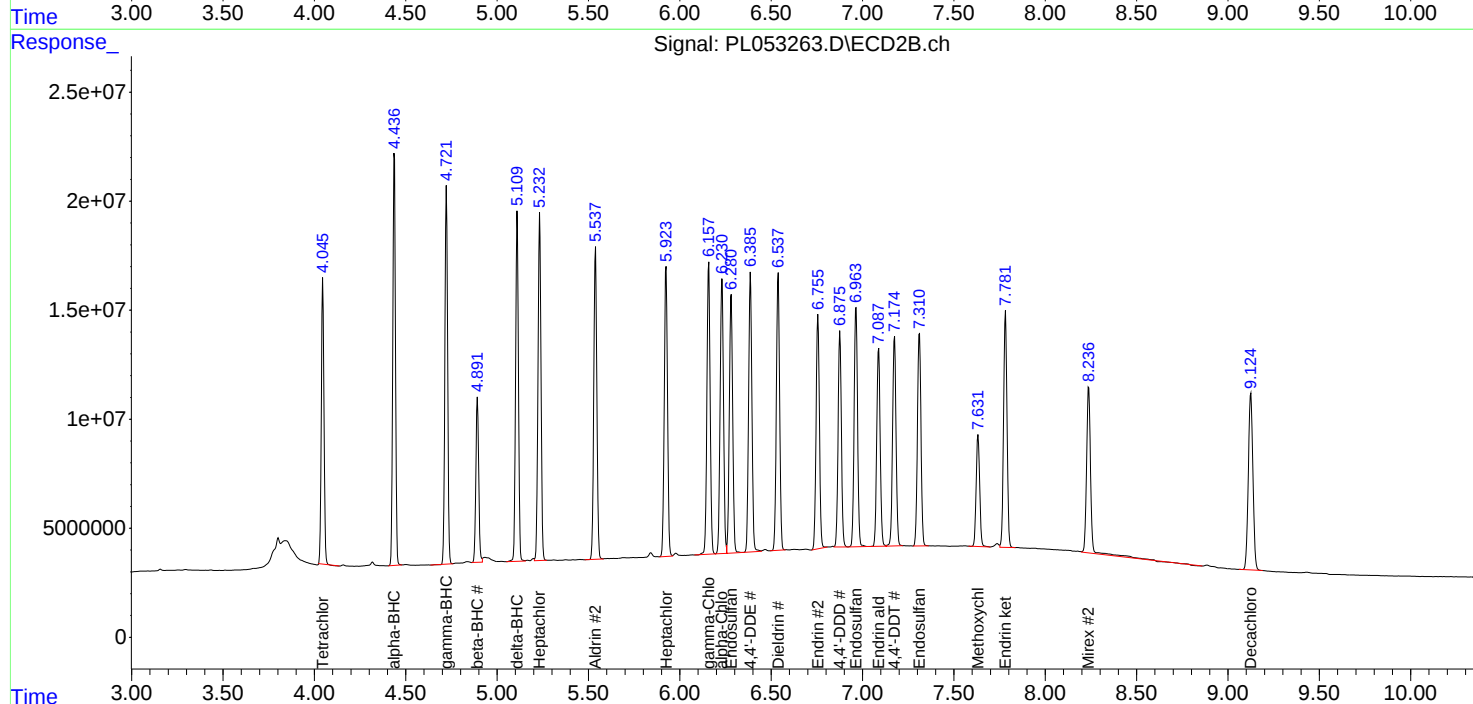
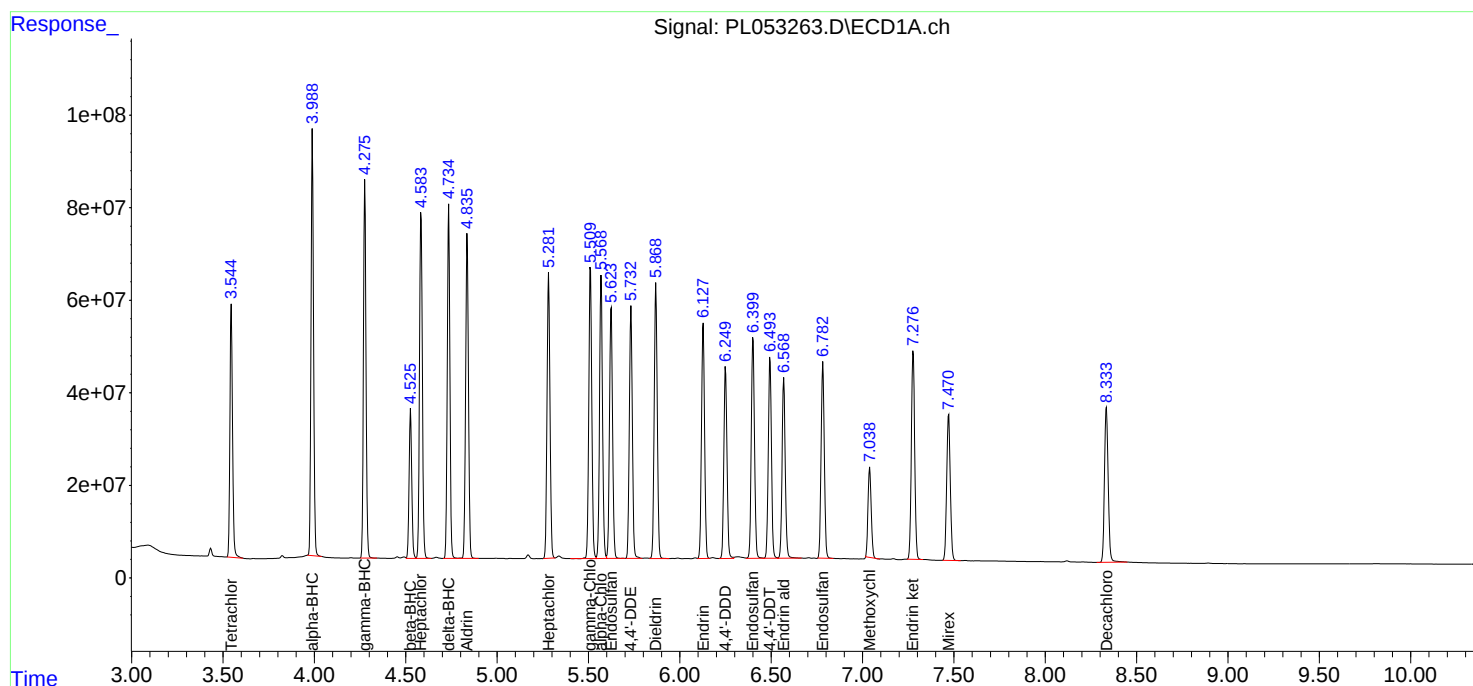
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

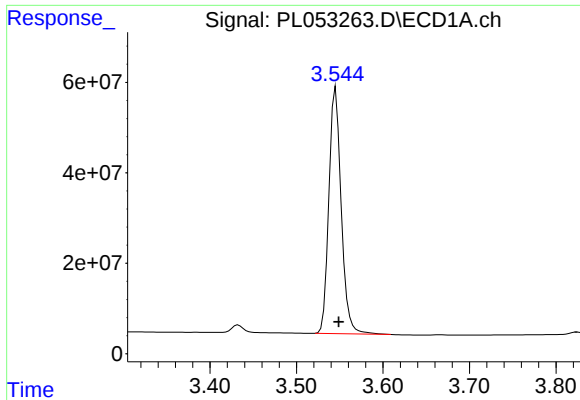
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101219\  
Data File : PL053263.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Oct 2019 01:56  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 12 03:12:30 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092919.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 30 08:44:08 2019  
Response via : Initial Calibration  
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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

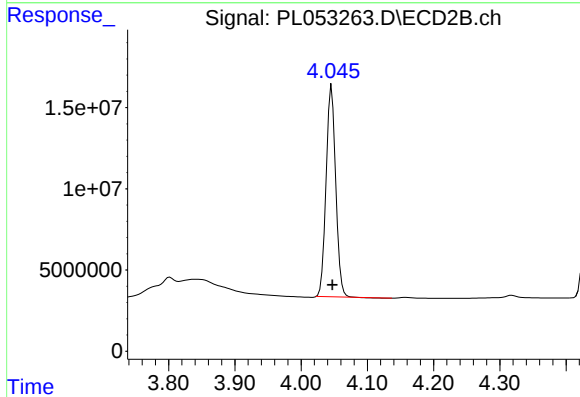




#1 Tetrachloro-m-xylene

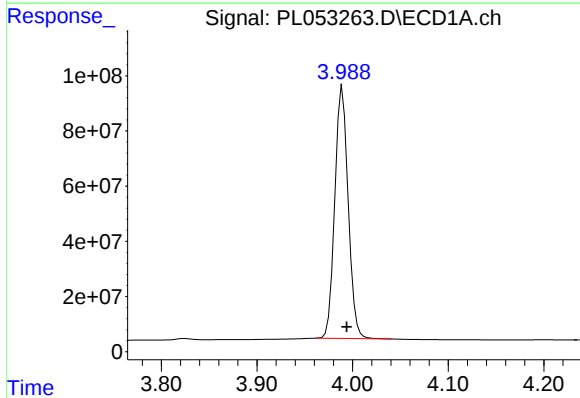
R.T.: 3.546 min  
Delta R.T.: -0.003 min  
Response: 539366382  
Conc: 54.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



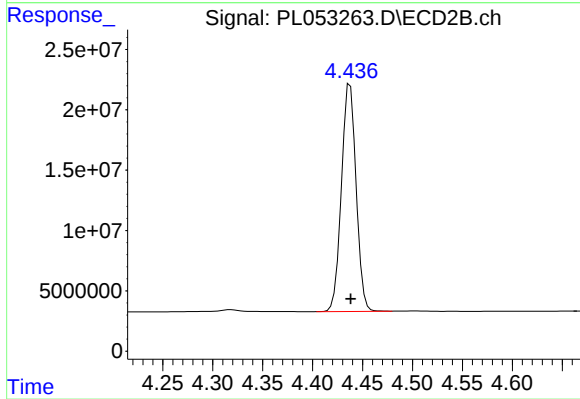
#1 Tetrachloro-m-xylene

R.T.: 4.046 min  
Delta R.T.: -0.001 min  
Response: 130744311  
Conc: 48.69 ng/ml



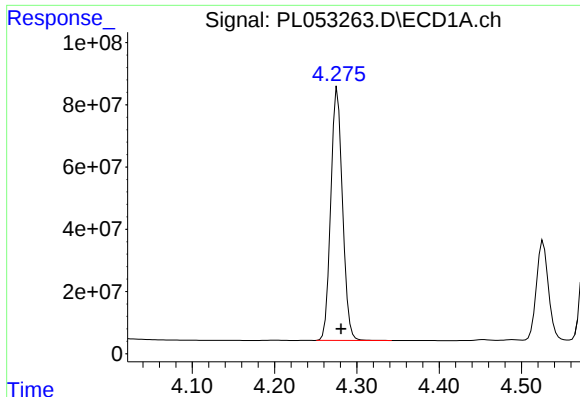
#2 alpha-BHC

R.T.: 3.989 min  
Delta R.T.: -0.005 min  
Response: 884987600  
Conc: 55.48 ng/ml



#2 alpha-BHC

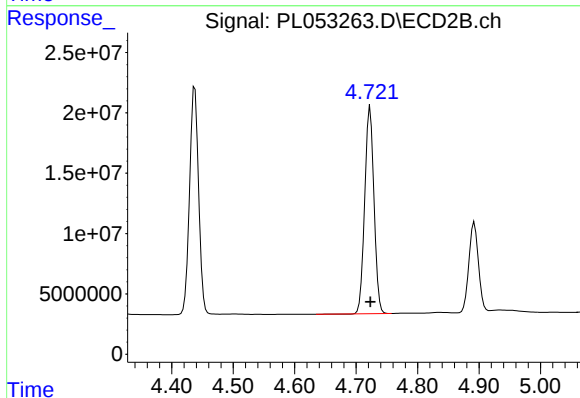
R.T.: 4.438 min  
Delta R.T.: 0.000 min  
Response: 192936897  
Conc: 50.24 ng/ml



#3 gamma-BHC (Lindane)

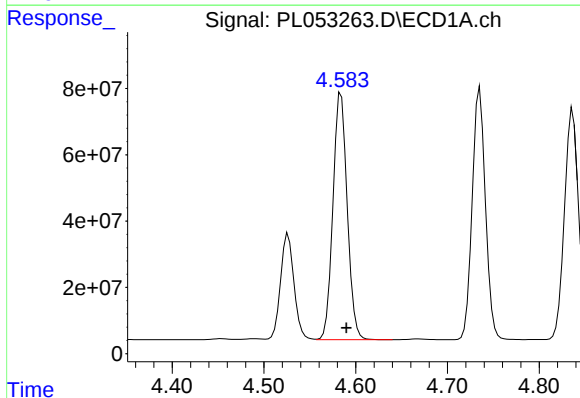
R.T.: 4.276 min  
Delta R.T.: -0.004 min  
Response: 804163398  
Conc: 55.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



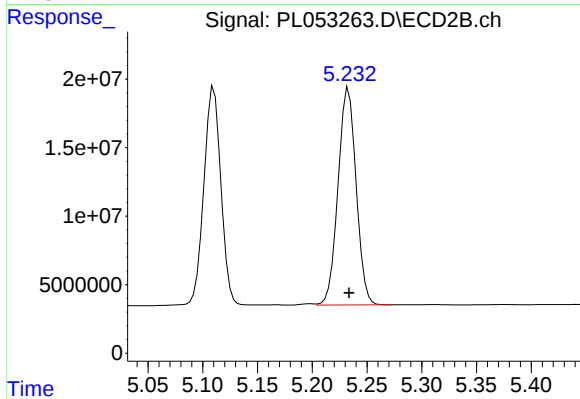
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 179898469  
Conc: 49.68 ng/ml



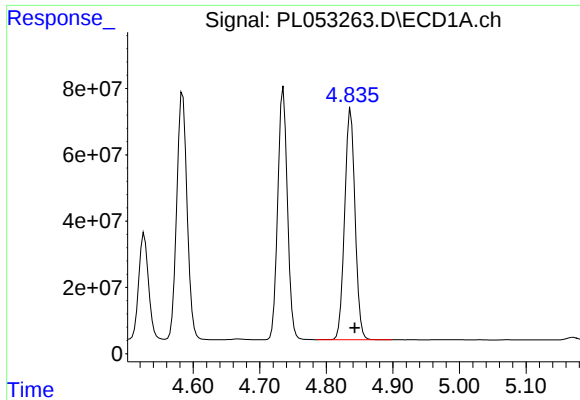
#4 Heptachlor

R.T.: 4.584 min  
Delta R.T.: -0.006 min  
Response: 806971906  
Conc: 54.01 ng/ml



#4 Heptachlor

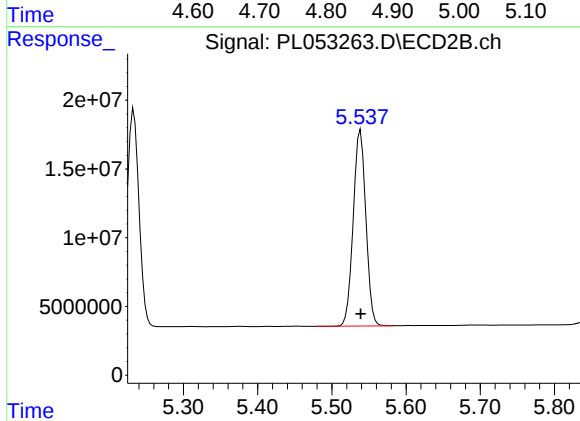
R.T.: 5.233 min  
Delta R.T.: 0.000 min  
Response: 182083416  
Conc: 47.78 ng/ml



#5 Aldrin

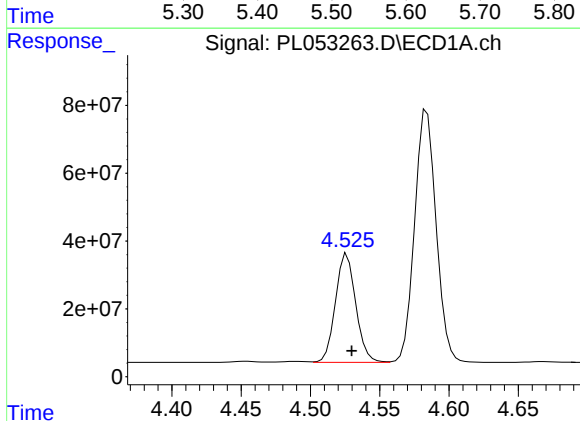
R.T.: 4.837 min  
Delta R.T.: -0.006 min  
Response: 756305323  
Conc: 54.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



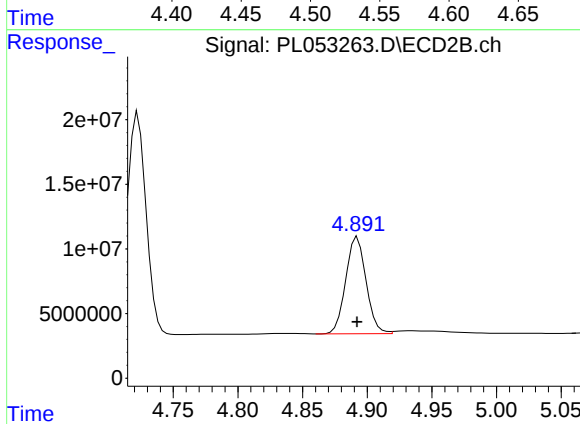
#5 Aldrin

R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 168714123  
Conc: 48.68 ng/ml



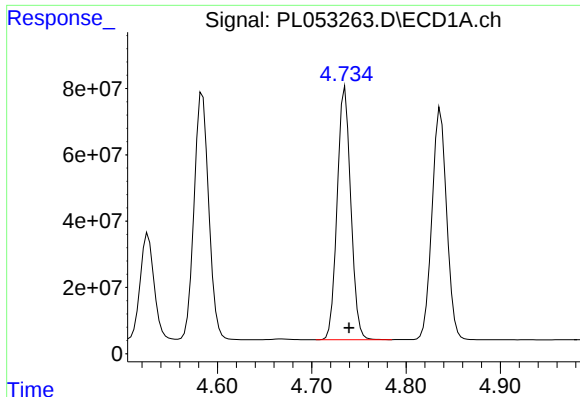
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 327472782  
Conc: 52.75 ng/ml



#6 beta-BHC

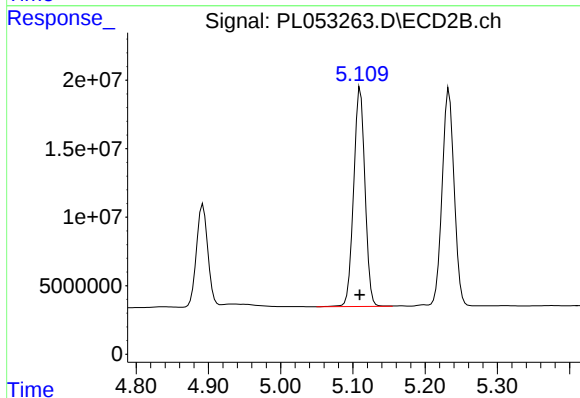
R.T.: 4.893 min  
Delta R.T.: 0.000 min  
Response: 81878401  
Conc: 52.09 ng/ml



#7 delta-BHC

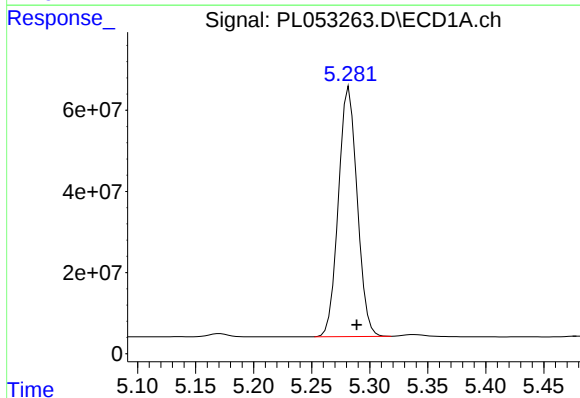
R.T.: 4.735 min  
Delta R.T.: -0.004 min  
Response: 764395290  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



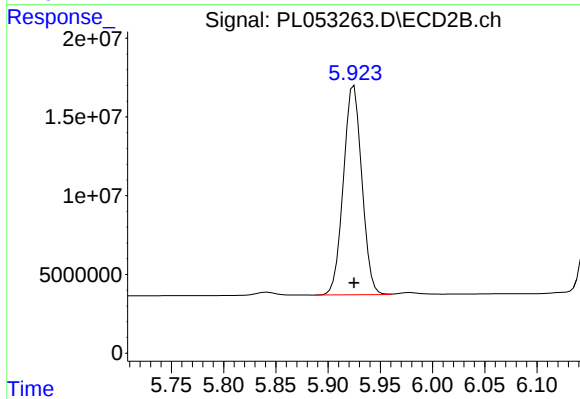
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: 0.001 min  
Response: 173802116  
Conc: 48.01 ng/ml



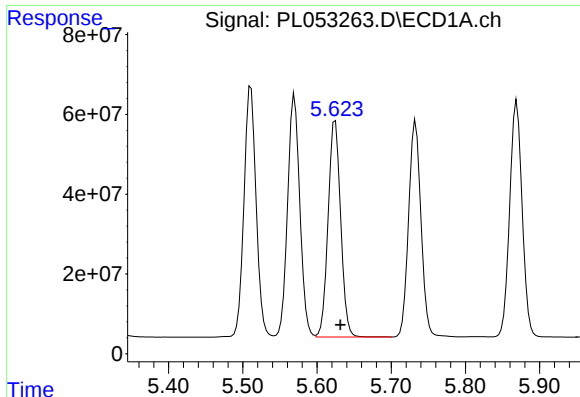
#8 Heptachlor epoxide

R.T.: 5.282 min  
Delta R.T.: -0.006 min  
Response: 692957750  
Conc: 53.18 ng/ml



#8 Heptachlor epoxide

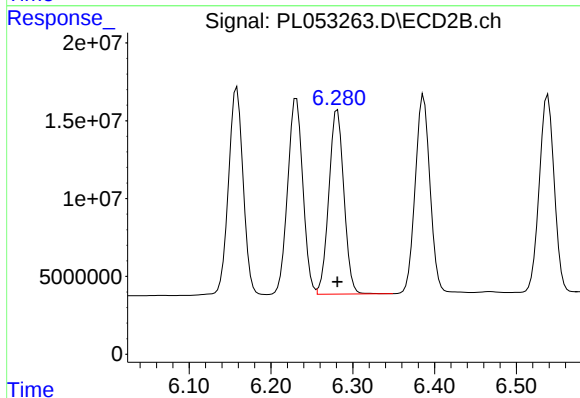
R.T.: 5.925 min  
Delta R.T.: 0.000 min  
Response: 163326297  
Conc: 48.73 ng/ml



#9 Endosulfan I

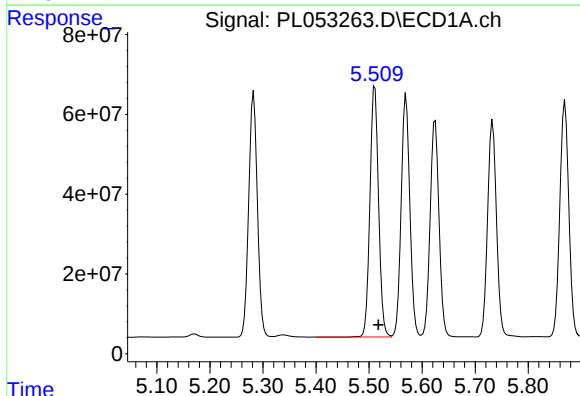
R.T.: 5.625 min  
Delta R.T.: -0.007 min  
Response: 637166370  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



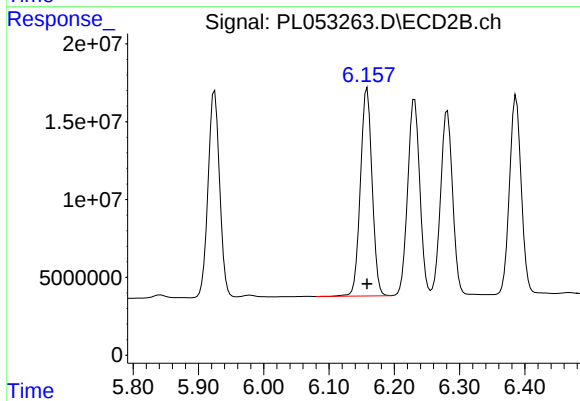
#9 Endosulfan I

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 151718239  
Conc: 48.54 ng/ml



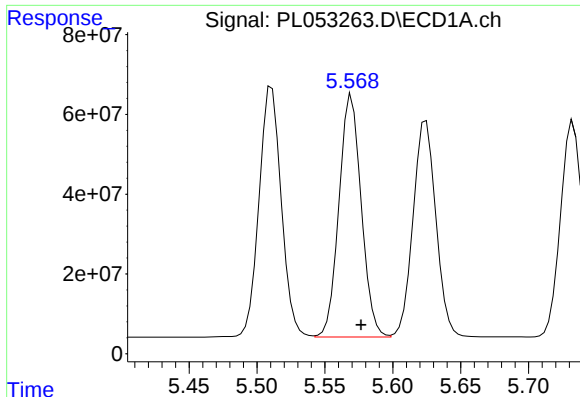
#10 gamma-Chlordane

R.T.: 5.511 min  
Delta R.T.: -0.007 min  
Response: 714991561  
Conc: 53.17 ng/ml



#10 gamma-Chlordane

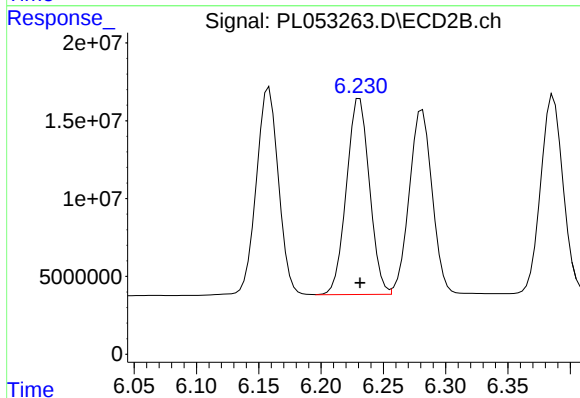
R.T.: 6.158 min  
Delta R.T.: 0.000 min  
Response: 165835130  
Conc: 49.02 ng/ml



#11 alpha-Chlordane

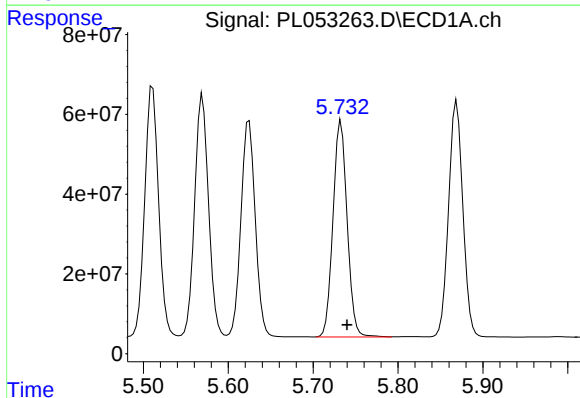
R.T.: 5.570 min  
Delta R.T.: -0.007 min  
Response: 693477349  
Conc: 52.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



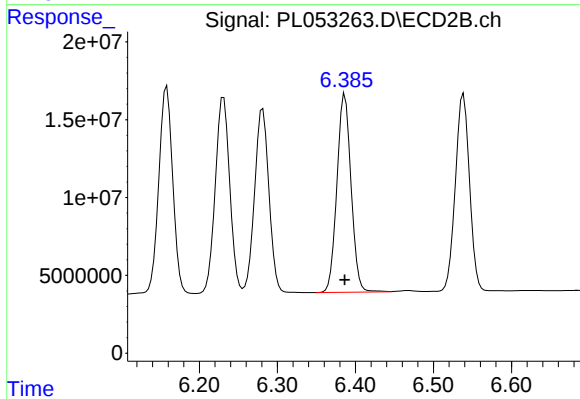
#11 alpha-Chlordane

R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 162763922  
Conc: 48.36 ng/ml



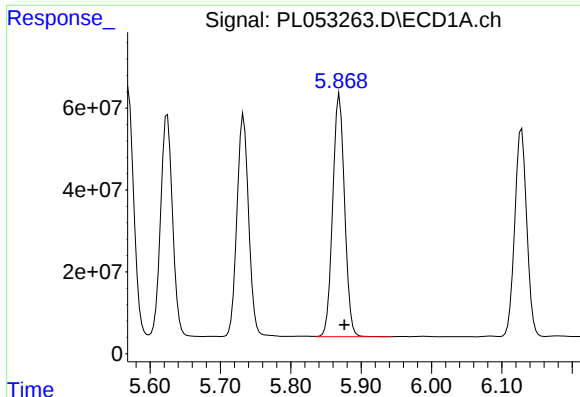
#12 4,4'-DDE

R.T.: 5.733 min  
Delta R.T.: -0.007 min  
Response: 627613018  
Conc: 54.07 ng/ml



#12 4,4'-DDE

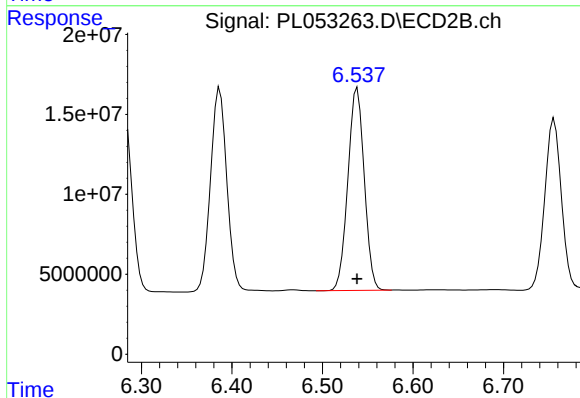
R.T.: 6.386 min  
Delta R.T.: 0.000 min  
Response: 160426395  
Conc: 49.12 ng/ml



#13 Dieldrin

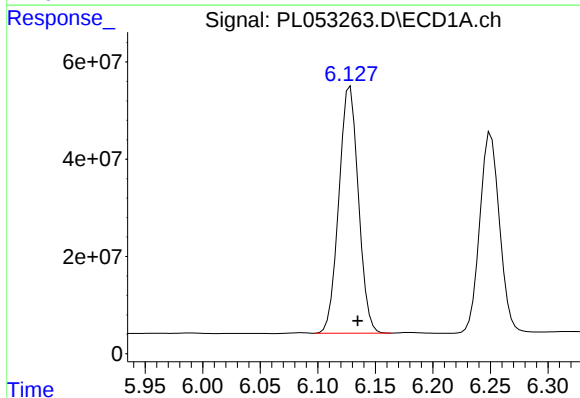
R.T.: 5.869 min  
Delta R.T.: -0.007 min  
Response: 693555916  
Conc: 53.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



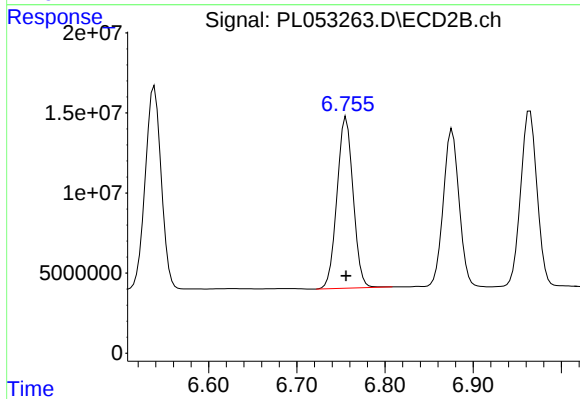
#13 Dieldrin

R.T.: 6.538 min  
Delta R.T.: 0.000 min  
Response: 159480034  
Conc: 48.89 ng/ml



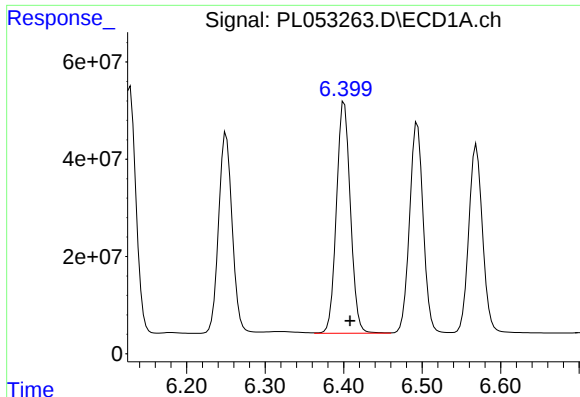
#14 Endrin

R.T.: 6.128 min  
Delta R.T.: -0.007 min  
Response: 601110618  
Conc: 52.77 ng/ml



#14 Endrin

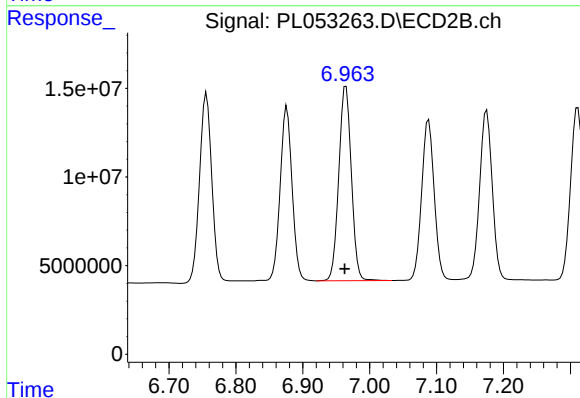
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 135417382  
Conc: 48.77 ng/ml



#15 Endosulfan II

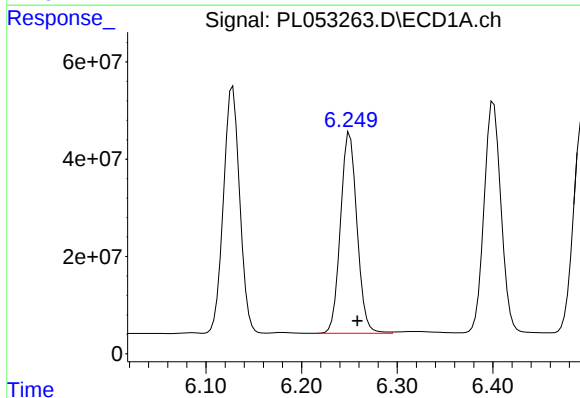
R.T.: 6.401 min  
Delta R.T.: -0.007 min  
Response: 588262594  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



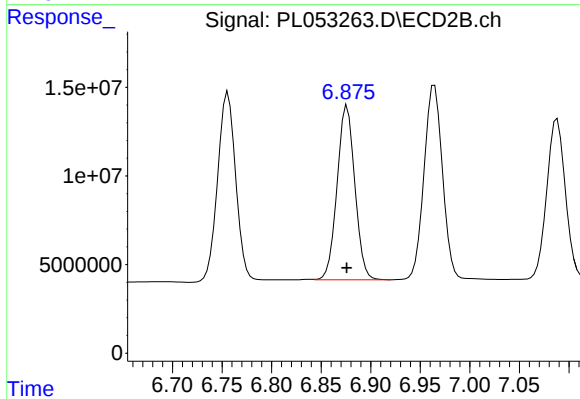
#15 Endosulfan II

R.T.: 6.964 min  
Delta R.T.: 0.002 min  
Response: 143065066  
Conc: 48.22 ng/ml



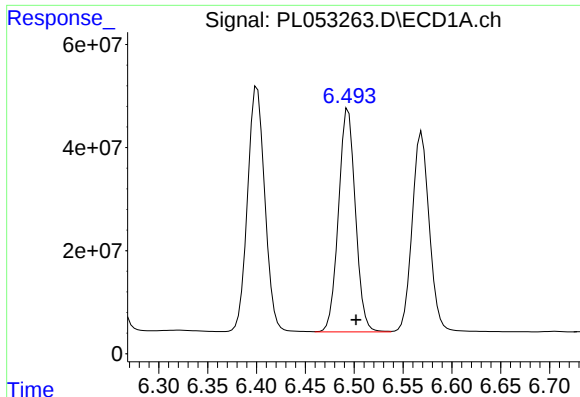
#16 4,4'-DDD

R.T.: 6.250 min  
Delta R.T.: -0.008 min  
Response: 496445275  
Conc: 55.23 ng/ml



#16 4,4'-DDD

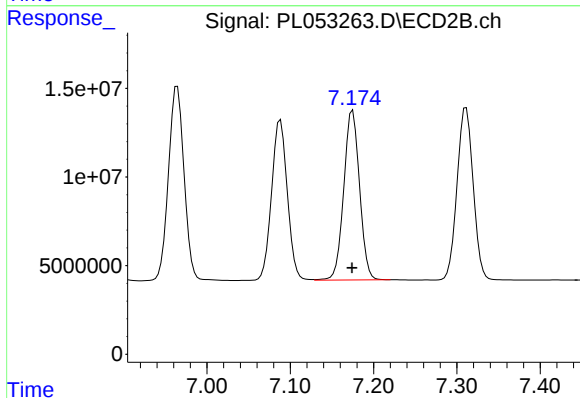
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 122538203  
Conc: 49.96 ng/ml



#17 4,4'-DDT

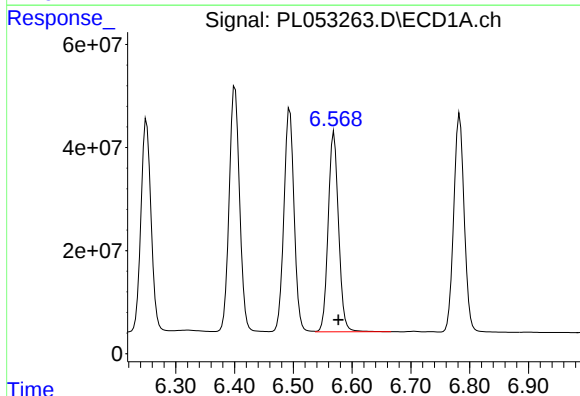
R.T.: 6.494 min  
Delta R.T.: -0.008 min  
Response: 522425626  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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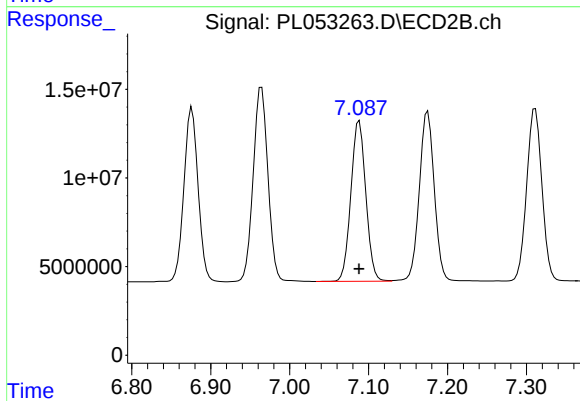
#17 4,4'-DDT

R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 125860662  
Conc: 48.36 ng/ml



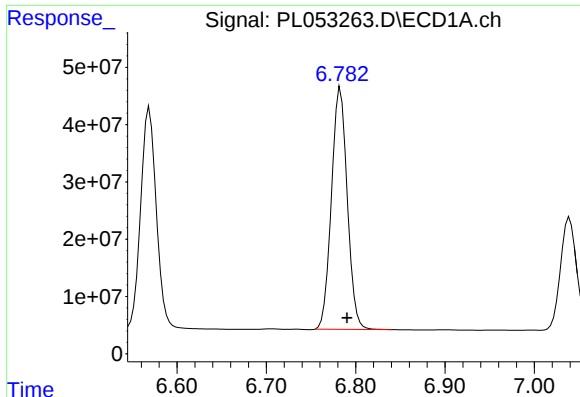
#18 Endrin aldehyde

R.T.: 6.569 min  
Delta R.T.: -0.007 min  
Response: 475151143  
Conc: 50.60 ng/ml



#18 Endrin aldehyde

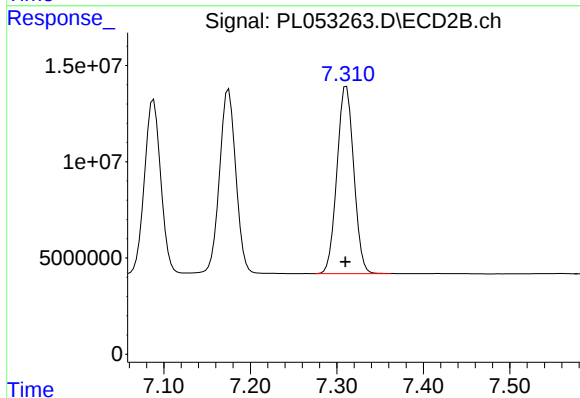
R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 118986098  
Conc: 48.51 ng/ml



#19 Endosulfan Sulfate

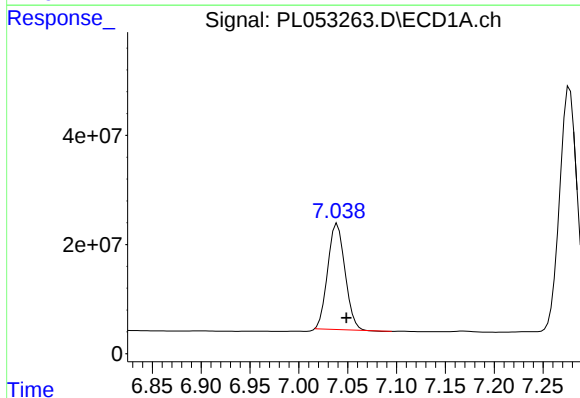
R.T.: 6.783 min  
Delta R.T.: -0.007 min  
Response: 519389330  
Conc: 49.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



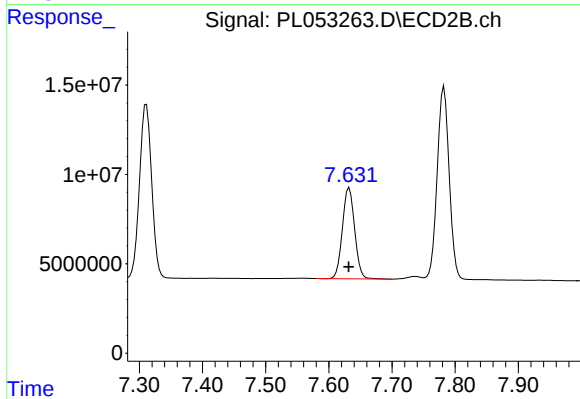
#19 Endosulfan Sulfate

R.T.: 7.311 min  
Delta R.T.: 0.001 min  
Response: 130730246  
Conc: 47.88 ng/ml



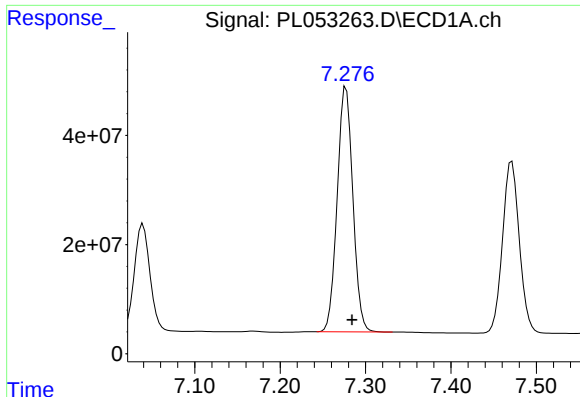
#20 Methoxychlor

R.T.: 7.039 min  
Delta R.T.: -0.009 min  
Response: 239792863  
Conc: 46.49 ng/ml



#20 Methoxychlor

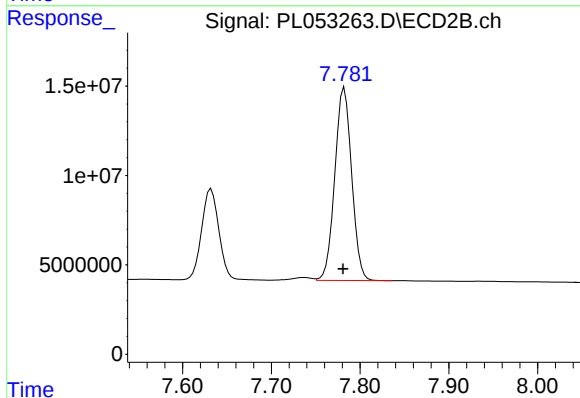
R.T.: 7.632 min  
Delta R.T.: 0.000 min  
Response: 68749221  
Conc: 48.83 ng/ml



#21 Endrin ketone

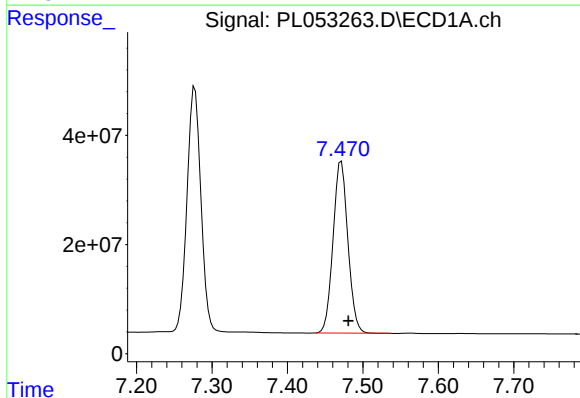
R.T.: 7.277 min  
Delta R.T.: -0.007 min  
Response: 573263690  
Conc: 49.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



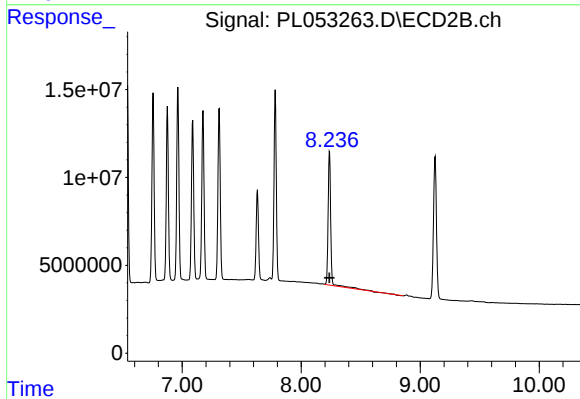
#21 Endrin ketone

R.T.: 7.782 min  
Delta R.T.: 0.001 min  
Response: 142481055  
Conc: 49.94 ng/ml



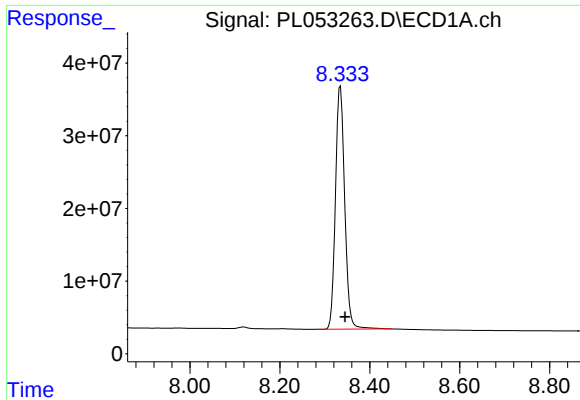
#22 Mirex

R.T.: 7.471 min  
Delta R.T.: -0.009 min  
Response: 430216658  
Conc: 45.56 ng/ml



#22 Mirex

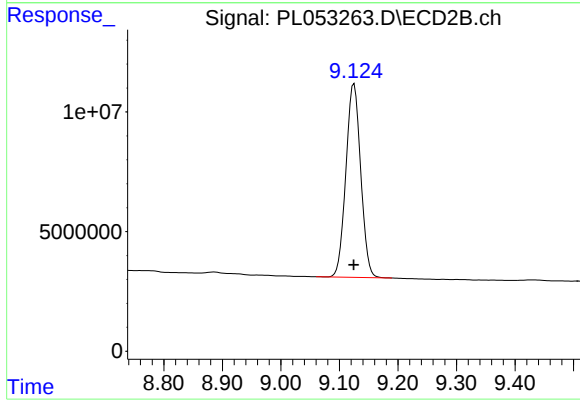
R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 118245261  
Conc: 52.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.335 min  
Delta R.T.: -0.010 min  
Response: 478286917  
Conc: 47.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.125 min  
Delta R.T.: 0.000 min  
Response: 142161863  
Conc: 48.46 ng/ml