

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120619\  
 Data File : PL054846.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2019 23:01  
 Operator : SG\AJ  
 Sample : K6147-15MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 P001-WC004MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 07 00:09:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 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... | 3.537 | 4.051  | 192.3E6 | 53676363 | 16.526   | 21.035 #   |
| 28)                         | SA Decachlor... | 8.317 | 9.149  | 186.0E6 | 50120100 | 19.421   | 20.906     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.980 | 4.442  | 935.6E6 | 222.3E6  | 49.282   | 62.755 #   |
| 3)                          | MA gamma-BHC... | 4.267 | 4.728  | 860.4E6 | 205.0E6  | 50.474   | 62.862     |
| 4)                          | MA Heptachlor   | 4.572 | 5.238  | 842.6E6 | 177.9E6  | 47.784   | 58.937     |
| 5)                          | MB Aldrin       | 4.823 | 5.543  | 726.4E6 | 167.3E6  | 44.563   | 60.046 #   |
| 6)                          | B beta-BHC      | 4.517 | 4.898  | 361.9E6 | 85720195 | 48.790   | 60.871     |
| 7)                          | B delta-BHC     | 4.725 | 5.116  | 797.0E6 | 186.9E6  | 49.029   | 70.091 #   |
| 8)                          | B Heptachlo...  | 5.269 | 5.930  | 781.1E6 | 164.9E6  | 51.638   | 65.996 #   |
| 9)                          | A Endosulfan I  | 5.610 | 6.287  | 692.7E6 | 150.9E6  | 50.794   | 61.012     |
| 10)                         | B gamma-Chl...  | 5.497 | 6.164  | 782.3E6 | 163.1E6  | 51.590   | 61.922     |
| 11)                         | B alpha-Chl...  | 5.555 | 6.236  | 748.6E6 | 160.2E6  | 50.769   | 60.998     |
| 12)                         | B 4,4'-DDE      | 5.718 | 6.393  | 699.4E6 | 154.0E6  | 52.566   | 62.224     |
| 13)                         | MA Dieldrin     | 5.855 | 6.545  | 747.2E6 | 159.5E6  | 52.692   | 62.677     |
| 14)                         | MA Endrin       | 6.113 | 6.763  | 650.7E6 | 130.5E6  | 51.104   | 58.902     |
| 15)                         | B Endosulfa...  | 6.386 | 6.973  | 600.7E6 | 141.8E6  | 49.644   | 60.332     |
| 16)                         | A 4,4'-DDD      | 6.235 | 6.885  | 562.9E6 | 129.3E6  | 57.631   | 67.319     |
| 17)                         | MA 4,4'-DDT     | 6.478 | 7.184  | 491.5E6 | 110.1E6  | 46.911   | 55.576     |
| 18)                         | B Endrin al...  | 6.554 | 7.097  | 419.3E6 | 100.4E6  | 42.346   | 51.223     |
| 19)                         | B Endosulfa...  | 6.768 | 7.321  | 537.4E6 | 127.0E6  | 50.179   | 59.895     |
| 20)                         | A Methoxychlor  | 7.023 | 7.643  | 252.2E6 | 59205213 | 50.323   | 51.903     |
| 21)                         | B Endrin ke...  | 7.262 | 7.795  | 617.2E6 | 143.0E6  | 56.781   | 63.542     |
| 22)                         | Mirex           | 7.454 | 8.252  | 438.4E6 | 108.9E6  | 54.000   | 63.028     |
| 24)                         | Chlordane-2     | 0.000 | 5.543f | 0       | 167.3E6  | N.D.     | 1866.860 # |
| 25)                         | Chlordane-3     | 5.497 | 6.164  | 782.3E6 | 163.1E6  | 609.223  | 525.530    |
| 26)                         | Chlordane-4     | 5.555 | 6.236  | 748.6E6 | 160.2E6  | 708.742  | 425.632 #  |
| 27)                         | Chlordane-5     | 6.386 | 0.000  | 600.7E6 | 0        | 1595.481 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

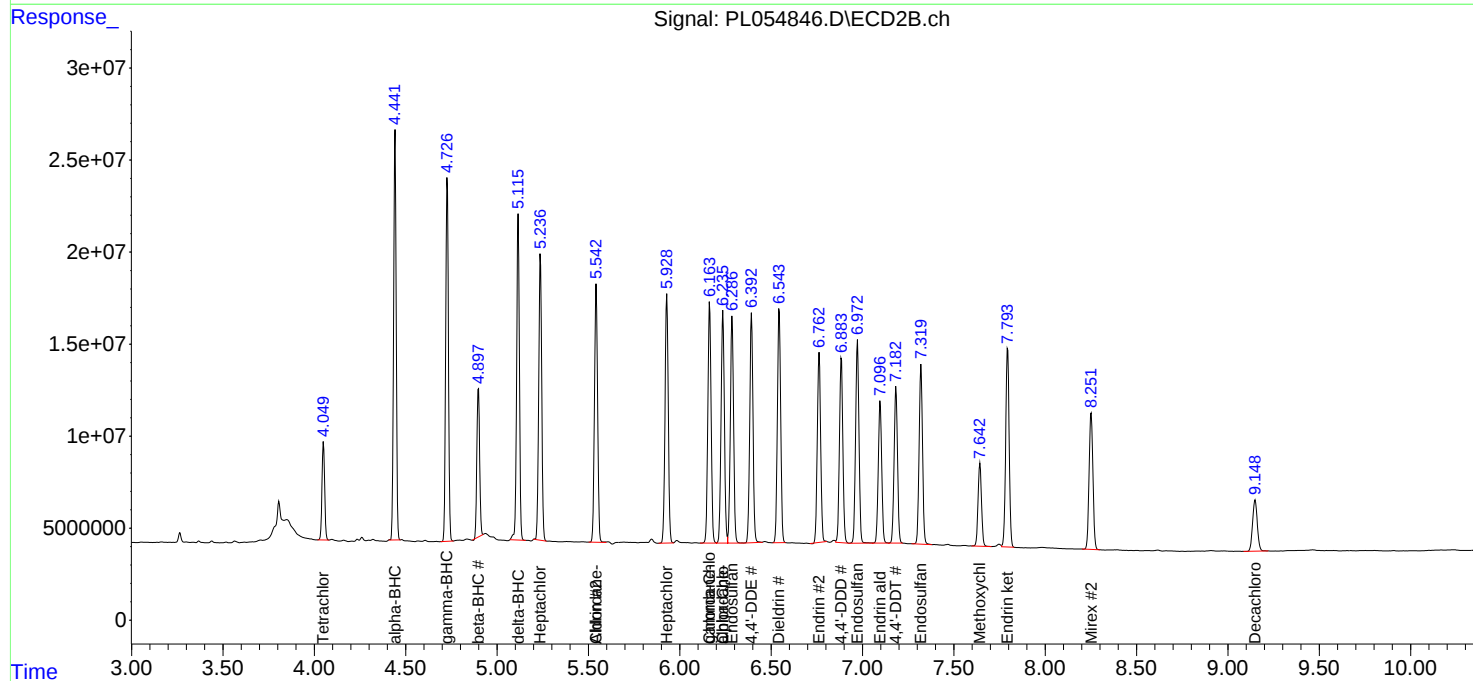
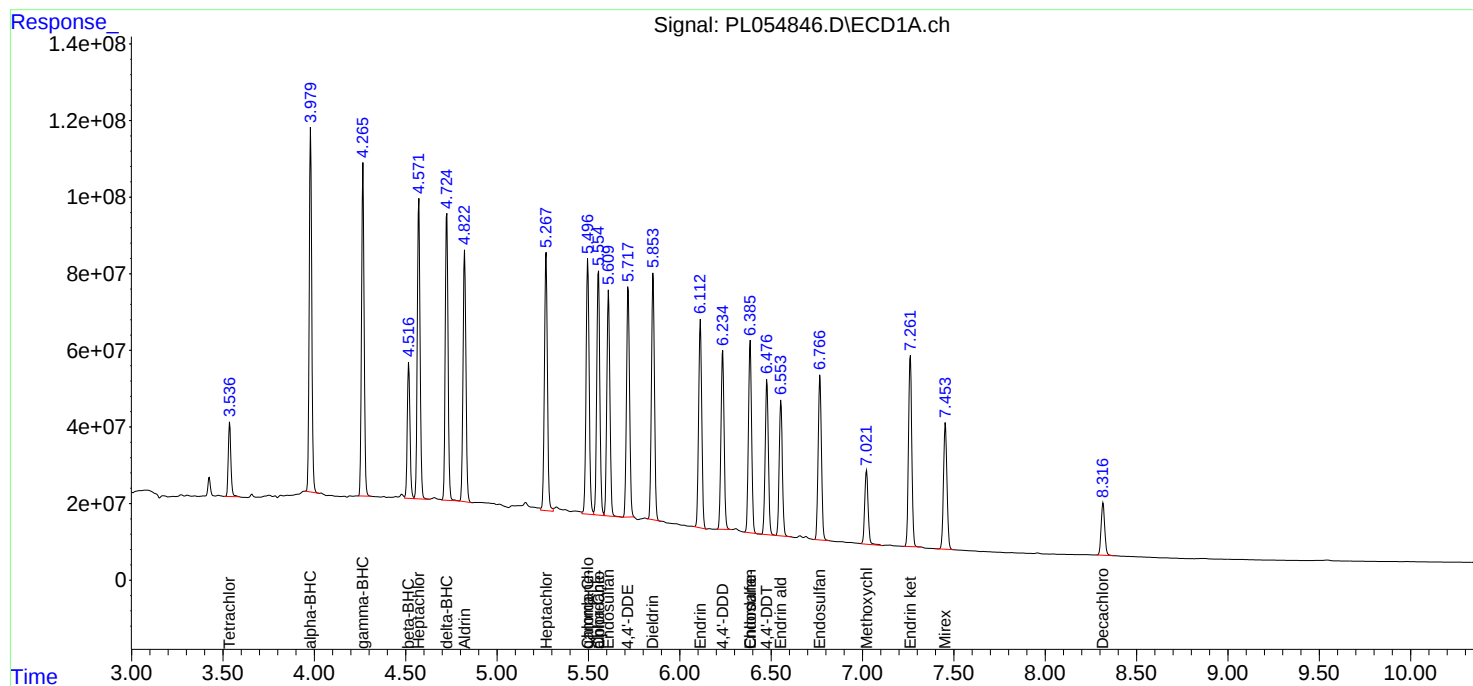
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

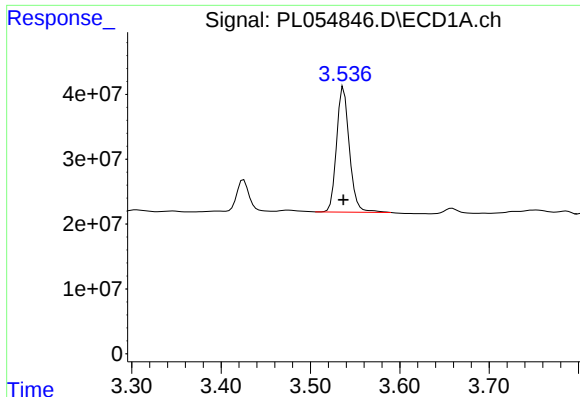
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120619\  
Data File : PL054846.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2019 23:01  
Operator : SG\AJ  
Sample : K6147-15MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 07 00:09:45 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 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

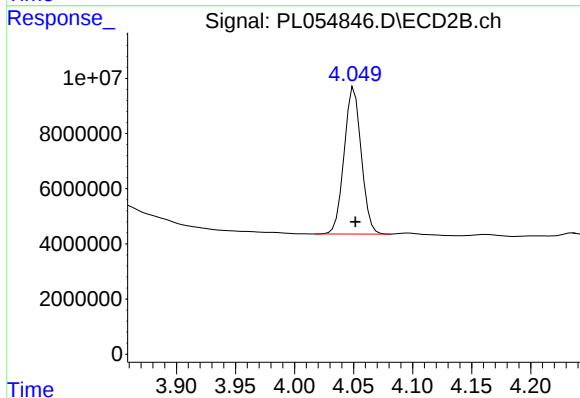




#1 Tetrachloro-m-xylene

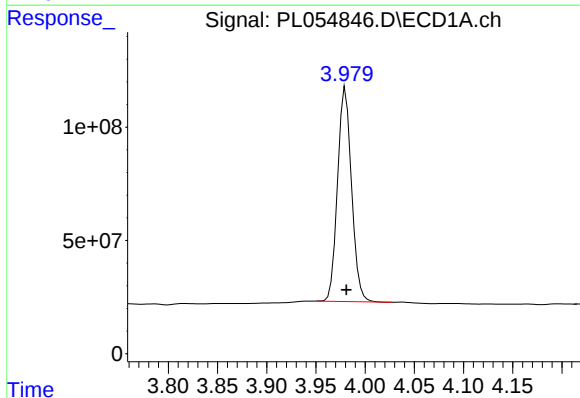
R.T.: 3.537 min  
Delta R.T.: 0.000 min  
Response: 192269510  
Conc: 16.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



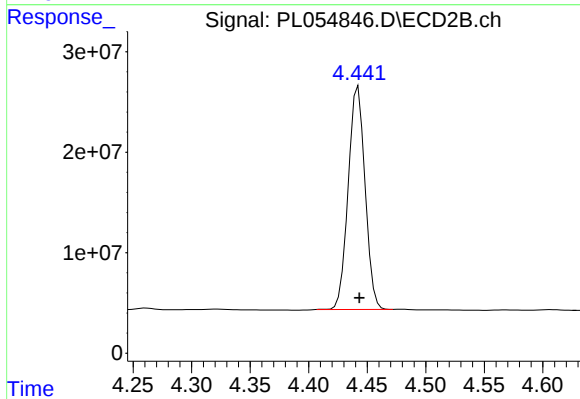
#1 Tetrachloro-m-xylene

R.T.: 4.051 min  
Delta R.T.: -0.001 min  
Response: 53676363  
Conc: 21.03 ng/ml



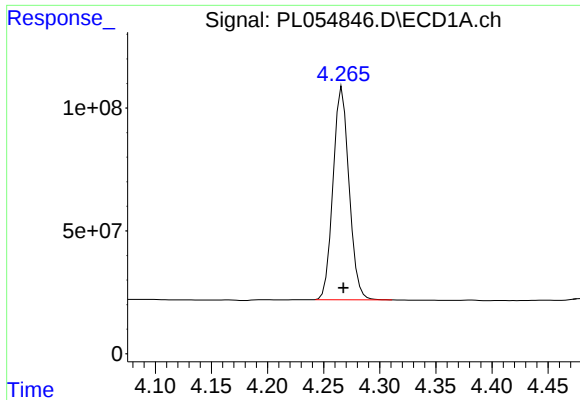
#2 alpha-BHC

R.T.: 3.980 min  
Delta R.T.: 0.000 min  
Response: 935569810  
Conc: 49.28 ng/ml



#2 alpha-BHC

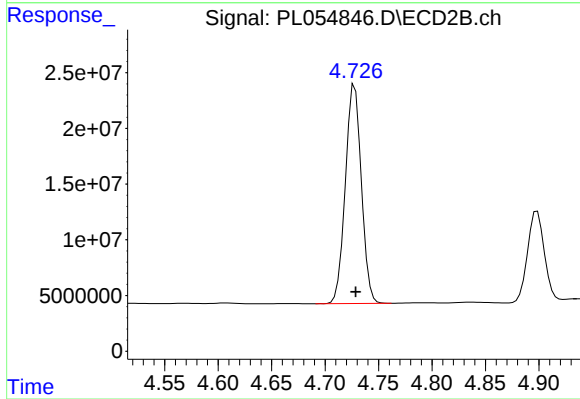
R.T.: 4.442 min  
Delta R.T.: 0.000 min  
Response: 222325157  
Conc: 62.75 ng/ml



#3 gamma-BHC (Lindane)

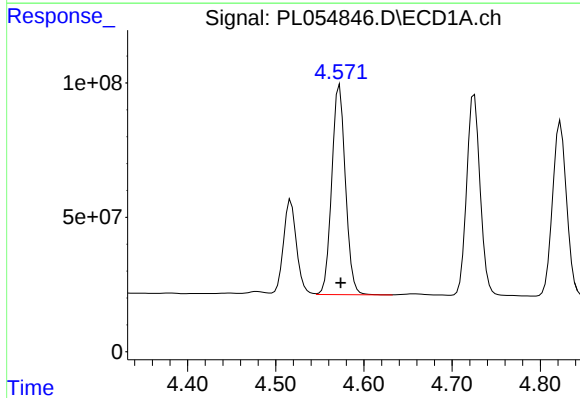
R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 860368766  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



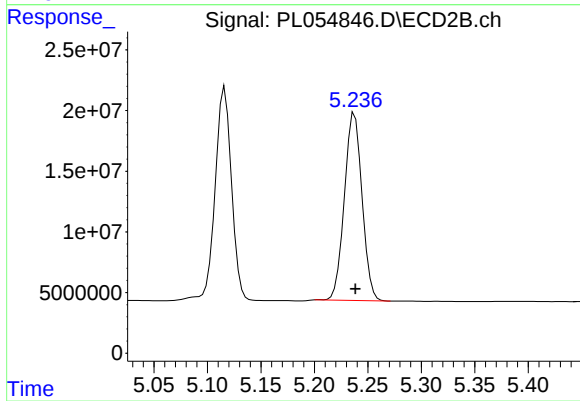
#3 gamma-BHC (Lindane)

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 204963819  
Conc: 62.86 ng/ml



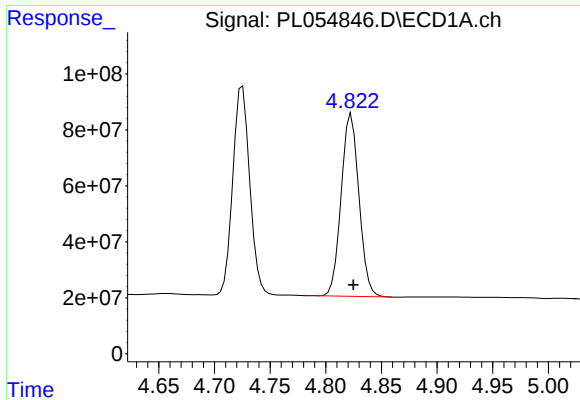
#4 Heptachlor

R.T.: 4.572 min  
Delta R.T.: -0.001 min  
Response: 842597304  
Conc: 47.78 ng/ml



#4 Heptachlor

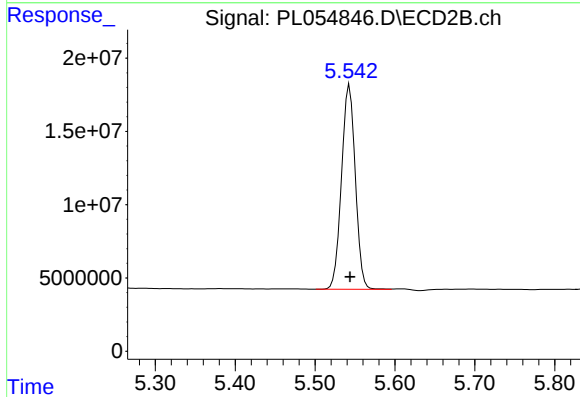
R.T.: 5.238 min  
Delta R.T.: 0.000 min  
Response: 177872343  
Conc: 58.94 ng/ml



#5 Aldrin

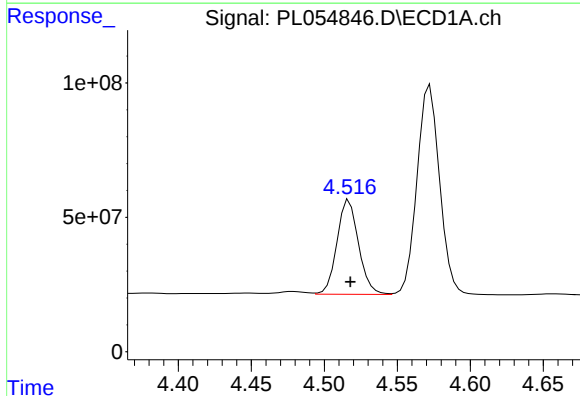
R.T.: 4.823 min  
Delta R.T.: -0.002 min  
Response: 726370429  
Conc: 44.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



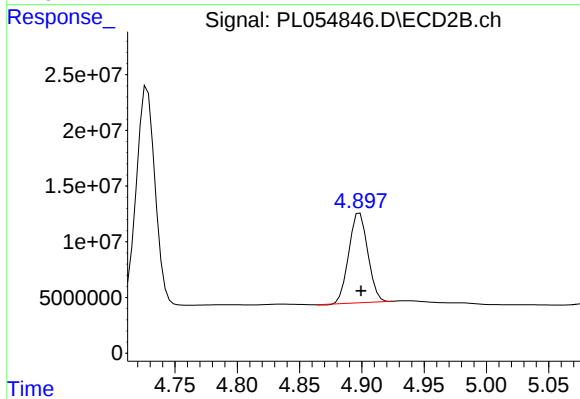
#5 Aldrin

R.T.: 5.543 min  
Delta R.T.: 0.000 min  
Response: 167315482  
Conc: 60.05 ng/ml



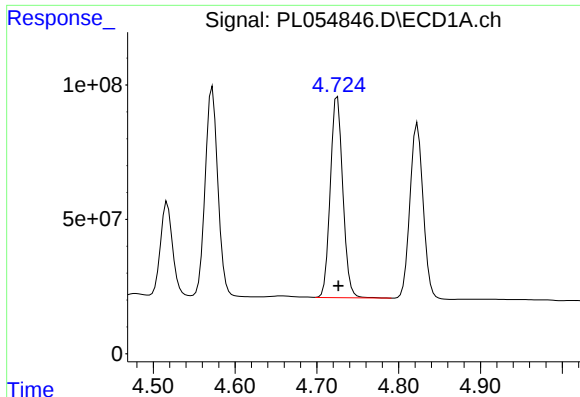
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 361865975  
Conc: 48.79 ng/ml



#6 beta-BHC

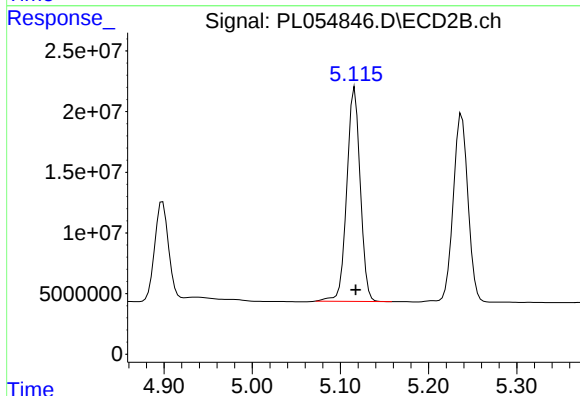
R.T.: 4.898 min  
Delta R.T.: 0.000 min  
Response: 85720195  
Conc: 60.87 ng/ml



#7 delta-BHC

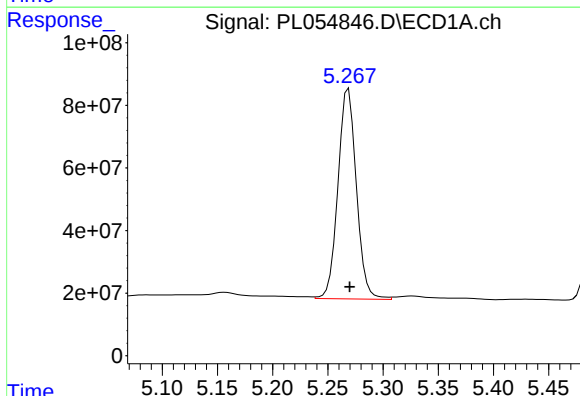
R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 796975557  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



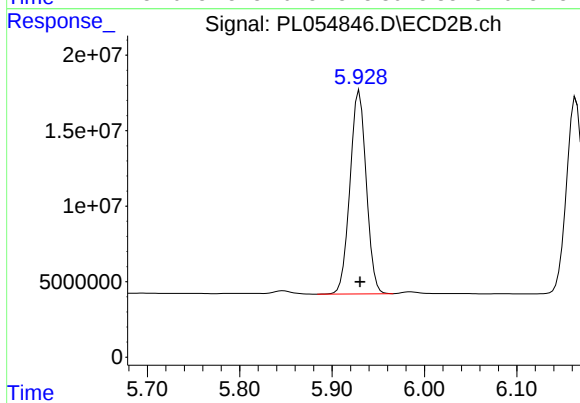
#7 delta-BHC

R.T.: 5.116 min  
Delta R.T.: -0.001 min  
Response: 186877934  
Conc: 70.09 ng/ml



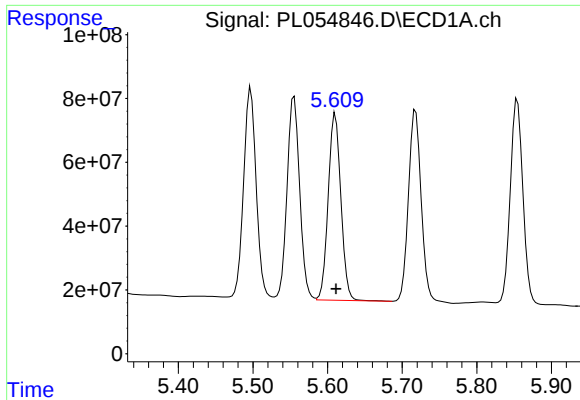
#8 Heptachlor epoxide

R.T.: 5.269 min  
Delta R.T.: -0.001 min  
Response: 781091442  
Conc: 51.64 ng/ml



#8 Heptachlor epoxide

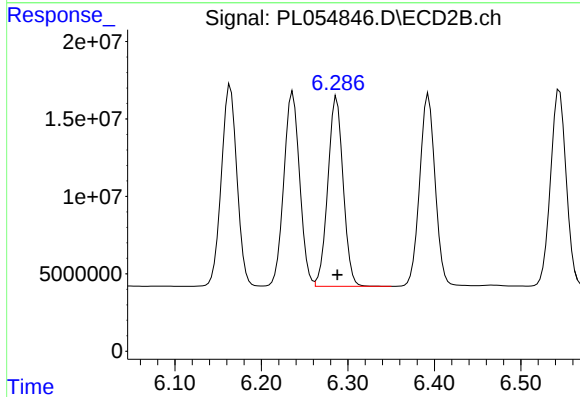
R.T.: 5.930 min  
Delta R.T.: 0.000 min  
Response: 164870819  
Conc: 66.00 ng/ml



#9 Endosulfan I

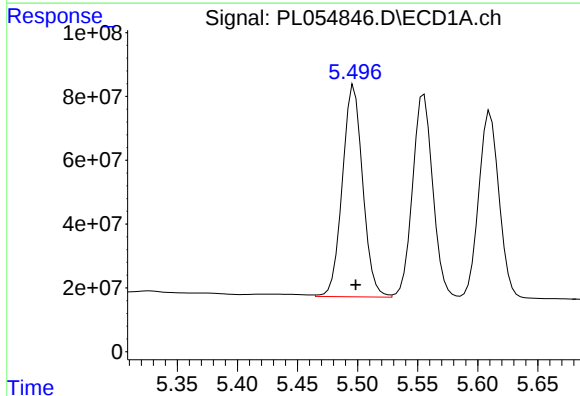
R.T.: 5.610 min  
Delta R.T.: -0.001 min  
Response: 692660559  
Conc: 50.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



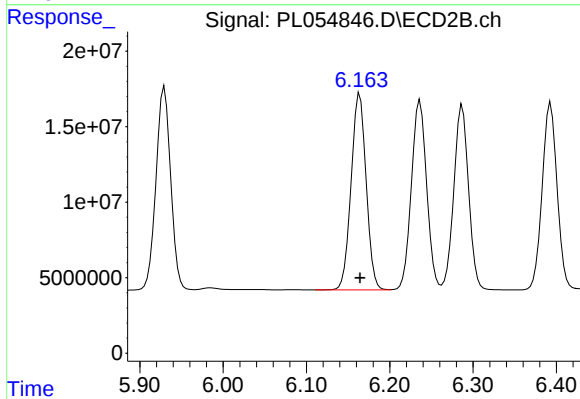
#9 Endosulfan I

R.T.: 6.287 min  
Delta R.T.: 0.000 min  
Response: 150913598  
Conc: 61.01 ng/ml



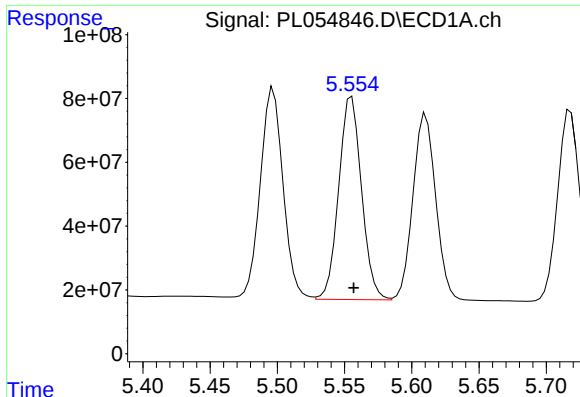
#10 gamma-Chlordane

R.T.: 5.497 min  
Delta R.T.: -0.001 min  
Response: 782321767  
Conc: 51.59 ng/ml



#10 gamma-Chlordane

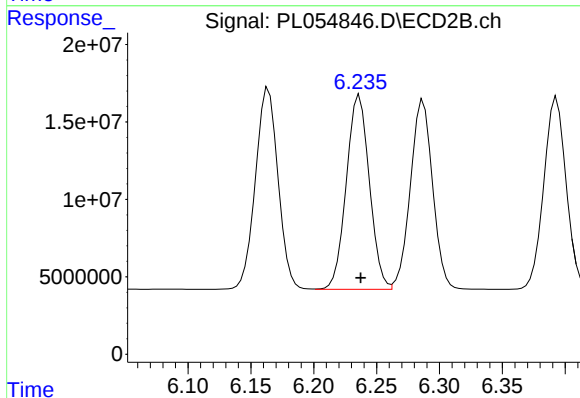
R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 163124922  
Conc: 61.92 ng/ml



#11 alpha-Chlordane

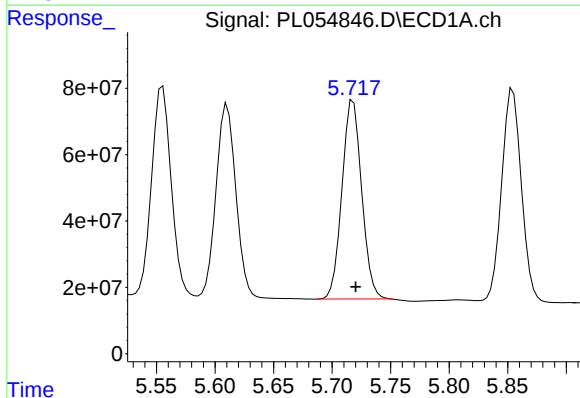
R.T.: 5.555 min  
Delta R.T.: -0.002 min  
Response: 748637140  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



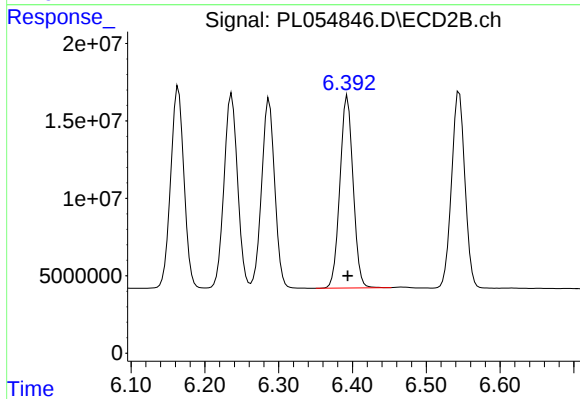
#11 alpha-Chlordane

R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 160160818  
Conc: 61.00 ng/ml



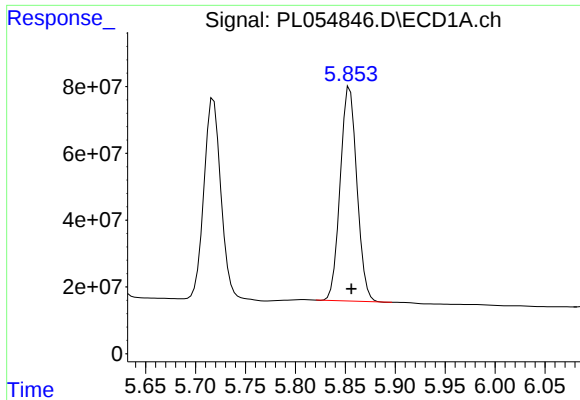
#12 4,4'-DDE

R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 699377079  
Conc: 52.57 ng/ml



#12 4,4'-DDE

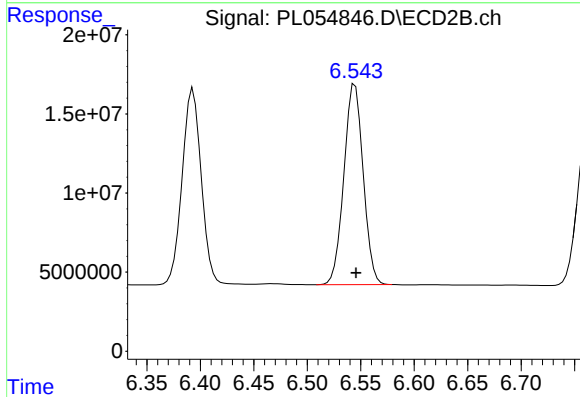
R.T.: 6.393 min  
Delta R.T.: 0.000 min  
Response: 154029899  
Conc: 62.22 ng/ml



#13 Dieldrin

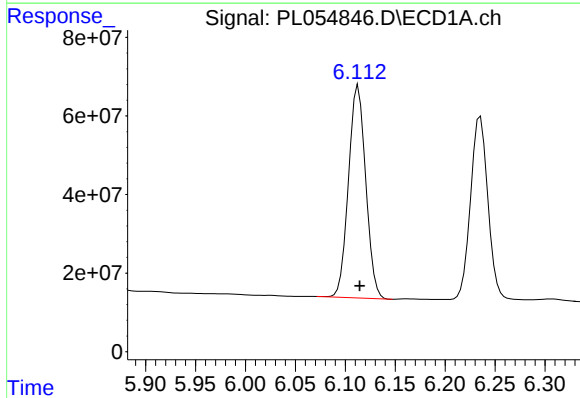
R.T.: 5.855 min  
Delta R.T.: -0.002 min  
Response: 747208891  
Conc: 52.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



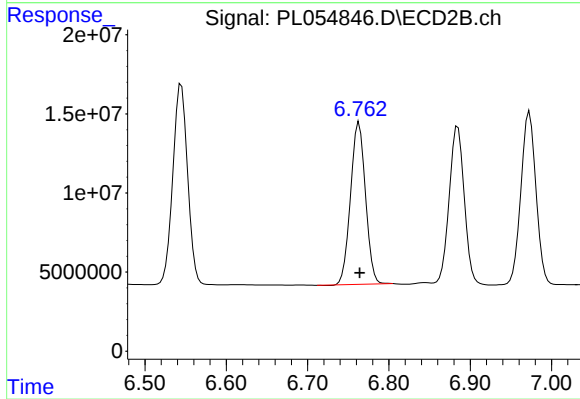
#13 Dieldrin

R.T.: 6.545 min  
Delta R.T.: 0.000 min  
Response: 159531863  
Conc: 62.68 ng/ml



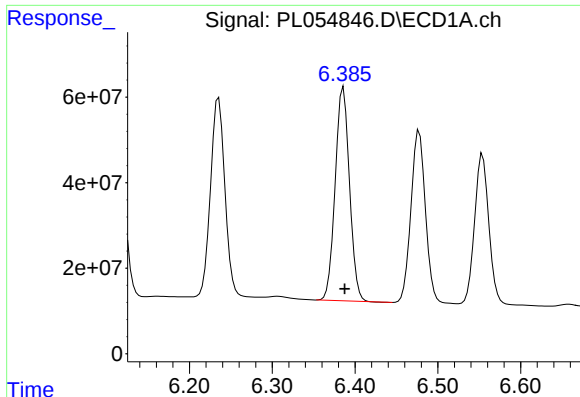
#14 Endrin

R.T.: 6.113 min  
Delta R.T.: -0.002 min  
Response: 650743942  
Conc: 51.10 ng/ml



#14 Endrin

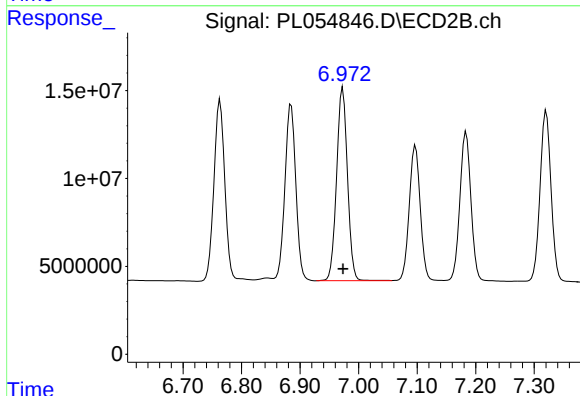
R.T.: 6.763 min  
Delta R.T.: 0.000 min  
Response: 130490623  
Conc: 58.90 ng/ml



#15 Endosulfan II

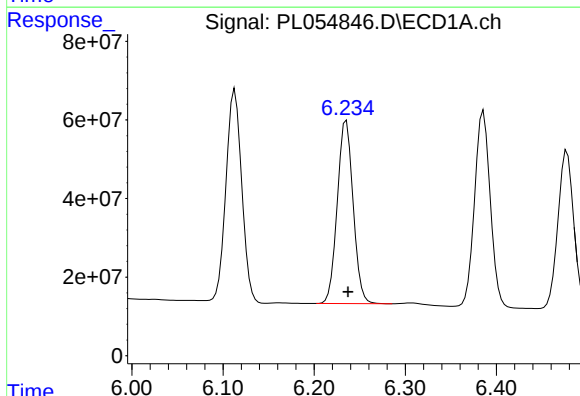
R.T.: 6.386 min  
Delta R.T.: -0.002 min  
Response: 600701280  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



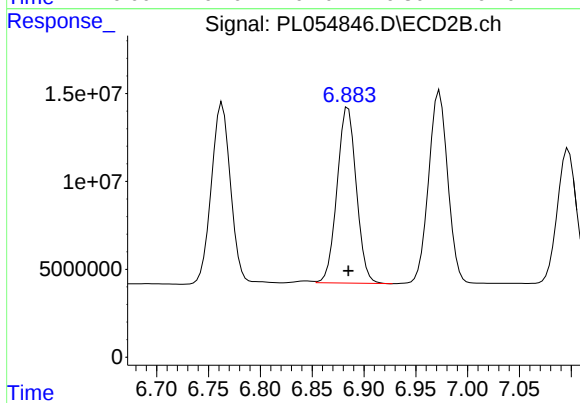
#15 Endosulfan II

R.T.: 6.973 min  
Delta R.T.: 0.000 min  
Response: 141839430  
Conc: 60.33 ng/ml



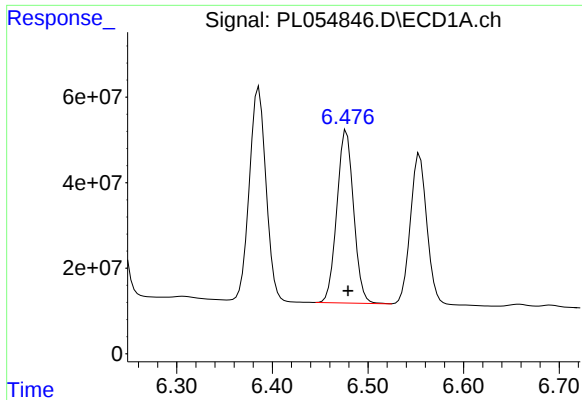
#16 4,4'-DDD

R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 562898543  
Conc: 57.63 ng/ml



#16 4,4'-DDD

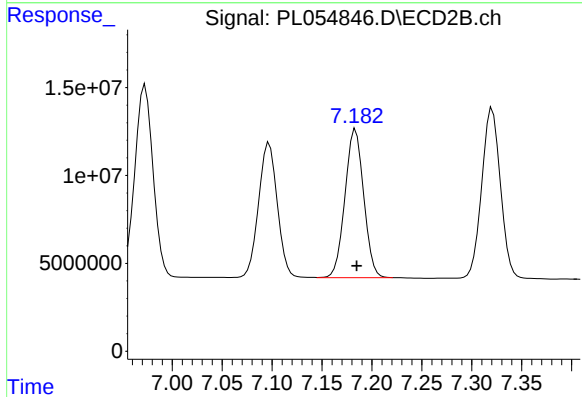
R.T.: 6.885 min  
Delta R.T.: 0.000 min  
Response: 129257945  
Conc: 67.32 ng/ml



#17 4,4'-DDT

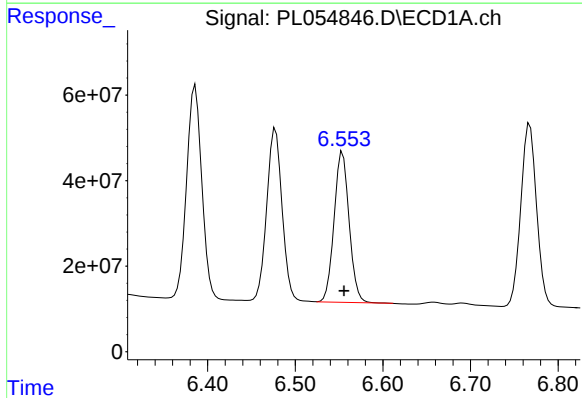
R.T.: 6.478 min  
Delta R.T.: -0.002 min  
Response: 491453787  
Conc: 46.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



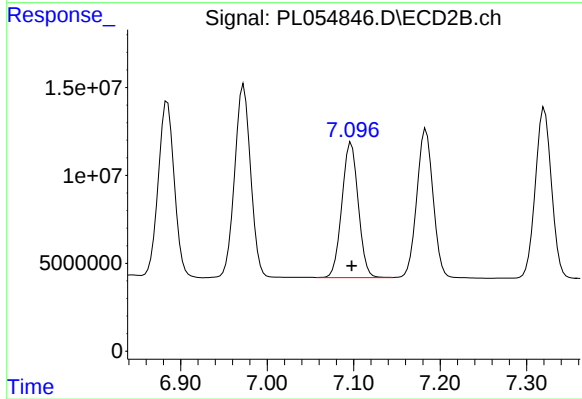
#17 4,4'-DDT

R.T.: 7.184 min  
Delta R.T.: 0.000 min  
Response: 110114899  
Conc: 55.58 ng/ml



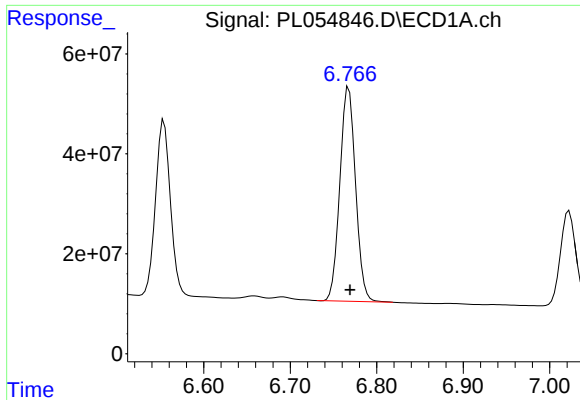
#18 Endrin aldehyde

R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 419349270  
Conc: 42.35 ng/ml



#18 Endrin aldehyde

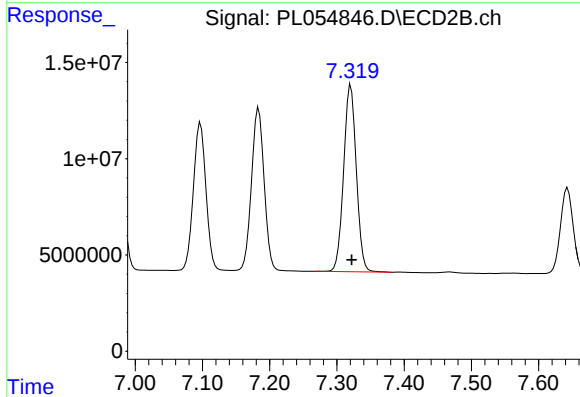
R.T.: 7.097 min  
Delta R.T.: 0.000 min  
Response: 100406954  
Conc: 51.22 ng/ml



#19 Endosulfan Sulfate

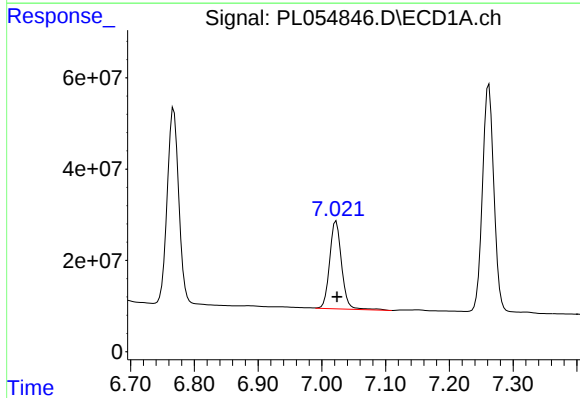
R.T.: 6.768 min  
Delta R.T.: -0.002 min  
Response: 537361815  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



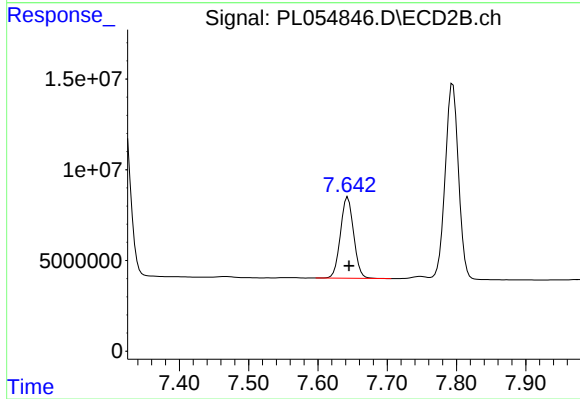
#19 Endosulfan Sulfate

R.T.: 7.321 min  
Delta R.T.: -0.001 min  
Response: 127006916  
Conc: 59.89 ng/ml



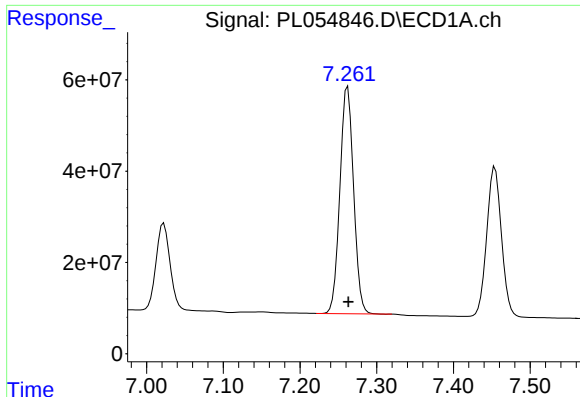
#20 Methoxychlor

R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 252208273  
Conc: 50.32 ng/ml



#20 Methoxychlor

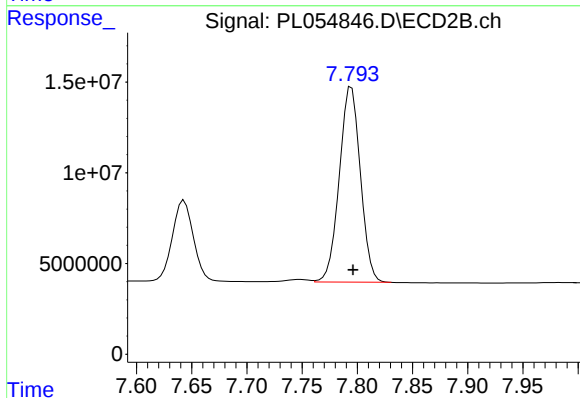
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 59205213  
Conc: 51.90 ng/ml



#21 Endrin ketone

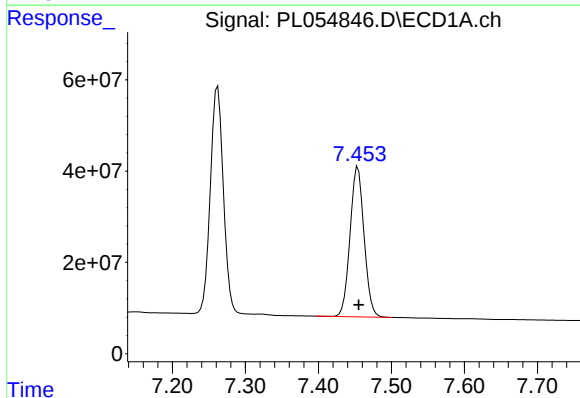
R.T.: 7.262 min  
Delta R.T.: 0.000 min  
Response: 617158427  
Conc: 56.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



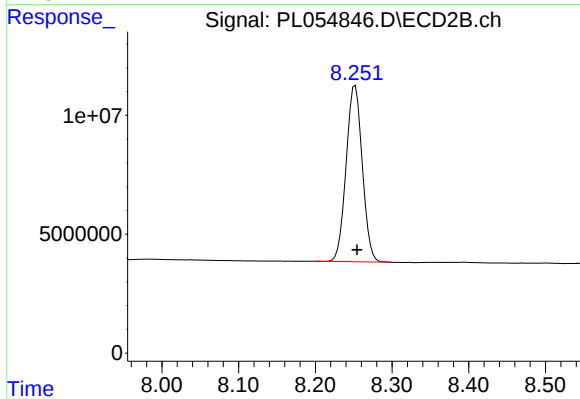
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: -0.001 min  
Response: 143028544  
Conc: 63.54 ng/ml



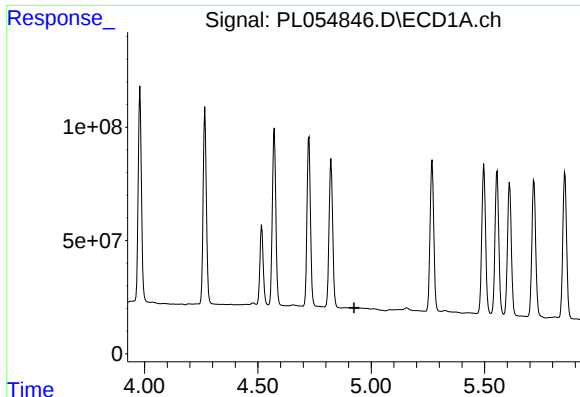
#22 Mirex

R.T.: 7.454 min  
Delta R.T.: -0.001 min  
Response: 438396105  
Conc: 54.00 ng/ml



#22 Mirex

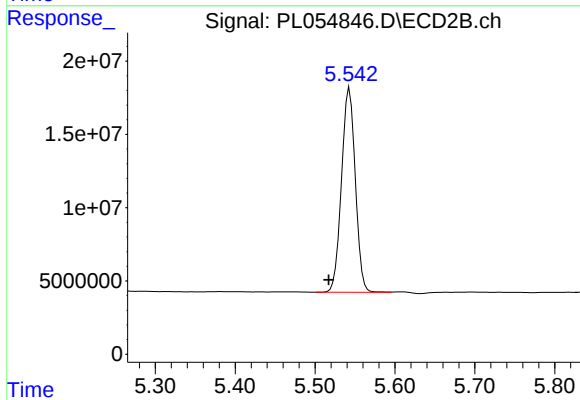
R.T.: 8.252 min  
Delta R.T.: -0.002 min  
Response: 108933743  
Conc: 63.03 ng/ml



#24 Chlordane-2

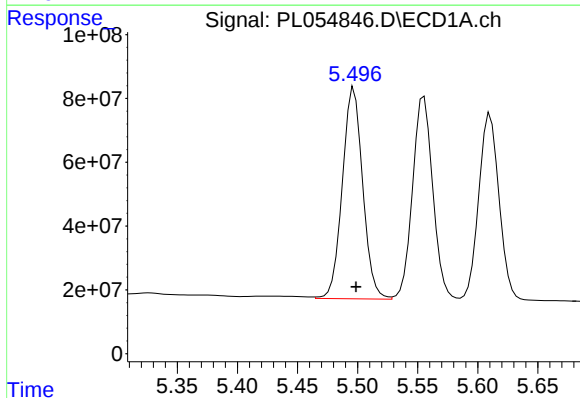
R.T.: 0.000 min  
Exp R.T.: 4.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



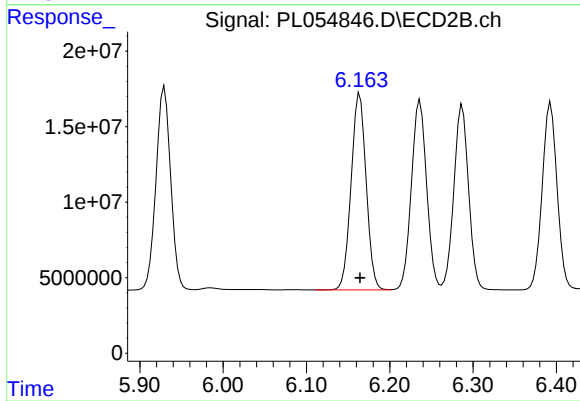
#24 Chlordane-2

R.T.: 5.543 min  
Delta R.T.: 0.026 min  
Response: 167315482  
Conc: 1866.86 ng/ml



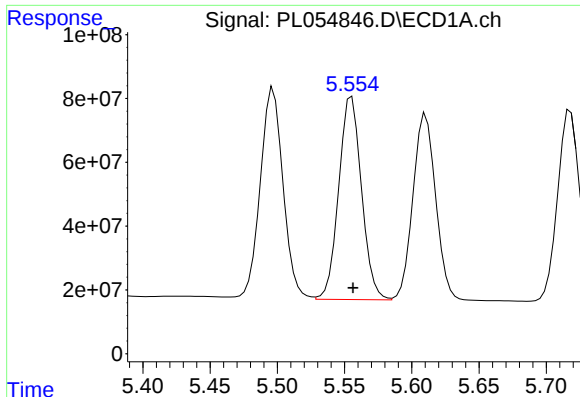
#25 Chlordane-3

R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 782321767  
Conc: 609.22 ng/ml



#25 Chlordane-3

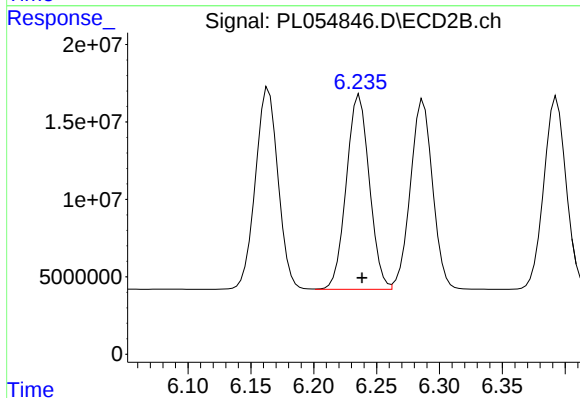
R.T.: 6.164 min  
Delta R.T.: 0.000 min  
Response: 163124922  
Conc: 525.53 ng/ml



#26 Chlordane-4

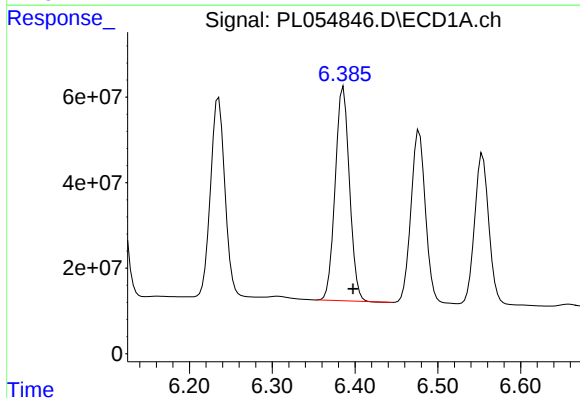
R.T.: 5.555 min  
Delta R.T.: 0.000 min  
Response: 748637140  
Conc: 708.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



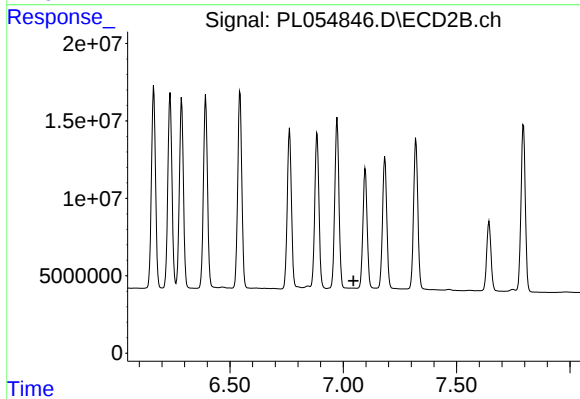
#26 Chlordane-4

R.T.: 6.236 min  
Delta R.T.: -0.002 min  
Response: 160160818  
Conc: 425.63 ng/ml



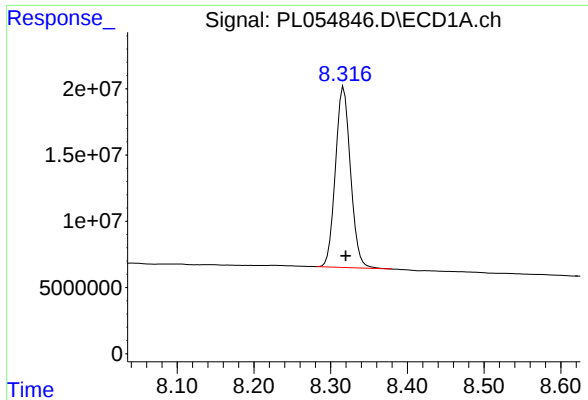
#27 Chlordane-5

R.T.: 6.386 min  
Delta R.T.: -0.012 min  
Response: 600701280  
Conc: 1595.48 ng/ml



#27 Chlordane-5

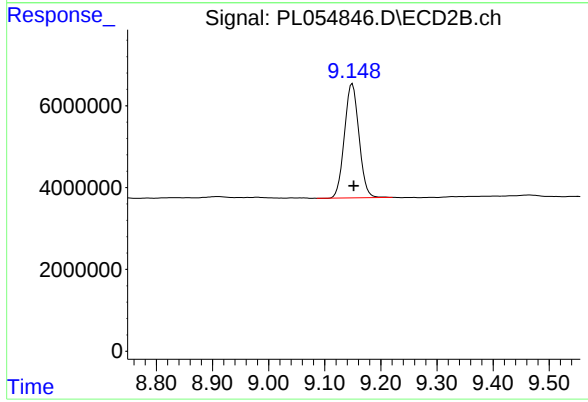
R.T.: 0.000 min  
Exp R.T.: 7.045 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.317 min  
Delta R.T.: -0.003 min  
Response: 185976992  
Conc: 19.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-WC004MS



#28 Decachlorobiphenyl

R.T.: 9.149 min  
Delta R.T.: -0.002 min  
Response: 50120100  
Conc: 20.91 ng/ml