

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120619\  
 Data File : PL054845.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Dec 2019 22:33  
 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: Dec 07 00:09:28 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  | 4.050  | 591.4E6 | 140.7E6  | 50.830   | 55.128     |
| 28)                         | SA Decachlor... | 8.318  | 9.149  | 452.6E6 | 118.8E6  | 47.264   | 49.540     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.981  | 4.442  | 971.7E6 | 203.1E6  | 51.187   | 57.329     |
| 3)                          | MA gamma-BHC... | 4.267  | 4.727  | 881.8E6 | 184.0E6  | 51.730   | 56.419     |
| 4)                          | MA Heptachlor   | 4.573  | 5.236  | 862.2E6 | 159.4E6  | 48.895   | 52.806     |
| 5)                          | MB Aldrin       | 4.824  | 5.542  | 838.6E6 | 156.1E6  | 51.451   | 56.038     |
| 6)                          | B beta-BHC      | 4.518  | 4.898  | 373.2E6 | 78014090 | 50.317   | 55.399     |
| 7)                          | B delta-BHC     | 4.726  | 5.115  | 838.3E6 | 170.9E6  | 51.573   | 64.103     |
| 8)                          | B Heptachlo...  | 5.269  | 5.928  | 776.6E6 | 158.6E6  | 51.339   | 63.486     |
| 9)                          | A Endosulfan I  | 5.611  | 6.286  | 696.2E6 | 137.3E6  | 51.050   | 55.526     |
| 10)                         | B gamma-Chl...  | 5.497  | 6.163  | 779.6E6 | 156.0E6  | 51.410   | 59.228     |
| 11)                         | B alpha-Chl...  | 5.556  | 6.236  | 737.8E6 | 146.1E6  | 50.034   | 55.646     |
| 12)                         | B 4,4'-DDE      | 5.719  | 6.392  | 655.3E6 | 136.0E6  | 49.256   | 54.924     |
| 13)                         | MA Dieldrin     | 5.855  | 6.544  | 734.1E6 | 139.3E6  | 51.770   | 54.721     |
| 14)                         | MA Endrin       | 6.114  | 6.762  | 599.5E6 | 107.9E6  | 47.077   | 48.718     |
| 15)                         | B Endosulfa...  | 6.386  | 6.973  | 592.9E6 | 123.3E6  | 49.003   | 52.465     |
| 16)                         | A 4,4'-DDD      | 6.236  | 6.884  | 563.6E6 | 115.5E6  | 57.699   | 60.168     |
| 17)                         | MA 4,4'-DDT     | 6.479  | 7.184  | 443.8E6 | 88831591 | 42.363   | 44.834     |
| 18)                         | B Endrin al...  | 6.555  | 7.097  | 482.5E6 | 103.7E6  | 48.726   | 52.915     |
| 19)                         | B Endosulfa...  | 6.769  | 7.321  | 516.0E6 | 110.6E6  | 48.181   | 52.168     |
| 20)                         | A Methoxychlor  | 7.023  | 7.643  | 217.1E6 | 48374942 | 43.311   | 42.409     |
| 21)                         | B Endrin ke...  | 7.262  | 7.795  | 575.8E6 | 122.6E6  | 52.979   | 54.464     |
| 22)                         | Mirex           | 7.455  | 8.252  | 383.0E6 | 87251599 | 47.180   | 50.483     |
| 23)                         | Chlordane-1     | 4.444f | 0.000  | 5999460 | 0        | 15.203   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.542f | 0       | 156.1E6  | N.D.     | 1742.246 # |
| 25)                         | Chlordane-3     | 5.497  | 6.163  | 779.6E6 | 156.0E6  | 607.094  | 502.665    |
| 26)                         | Chlordane-4     | 5.556  | 6.236  | 737.8E6 | 146.1E6  | 698.482  | 388.287 #  |
| 27)                         | Chlordane-5     | 6.386  | 0.000  | 592.9E6 | 0        | 1574.887 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

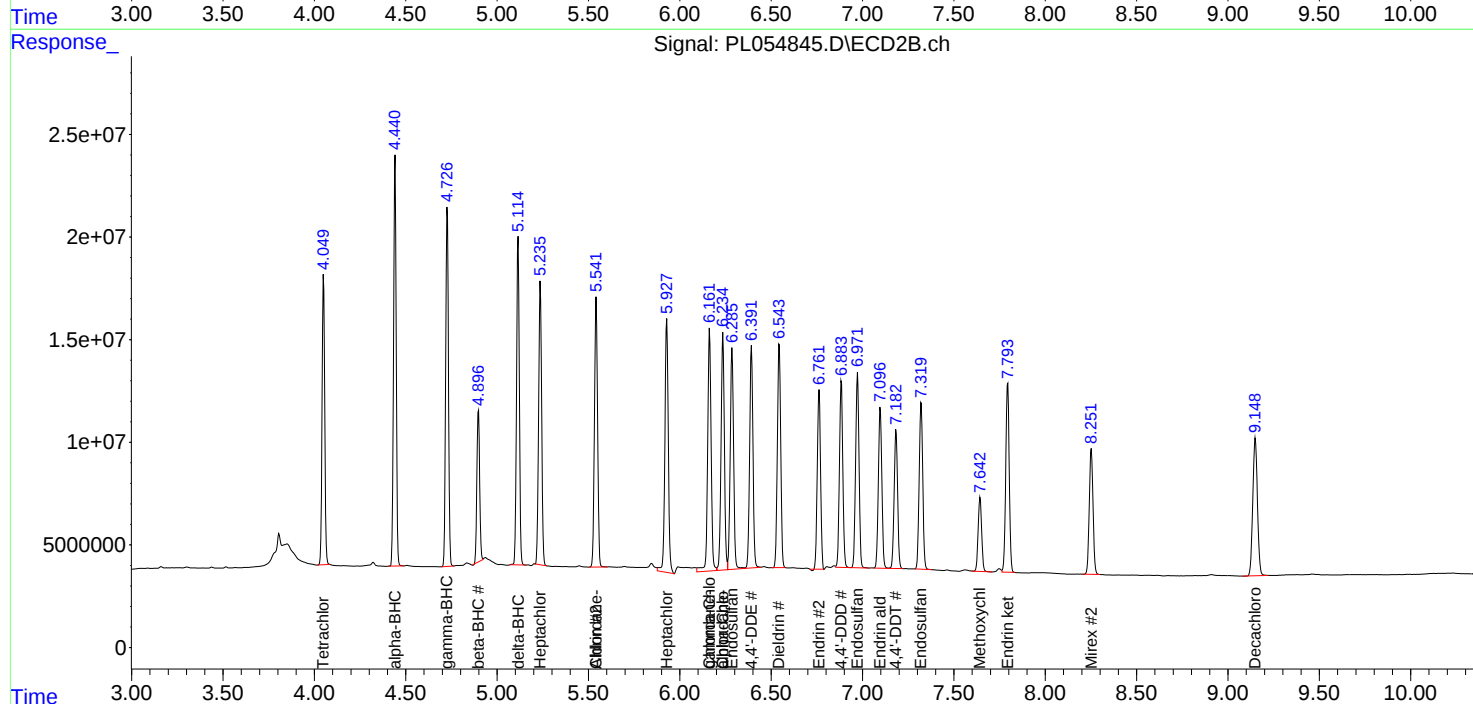
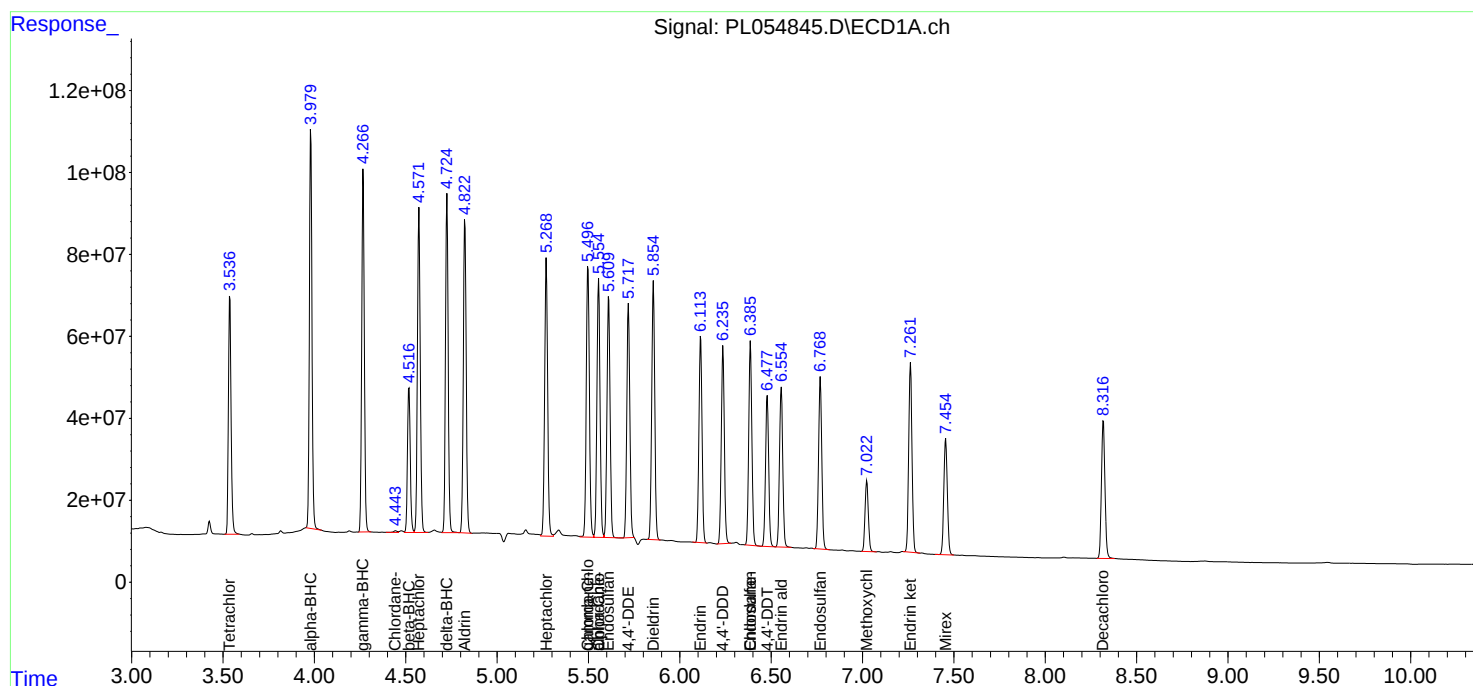
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

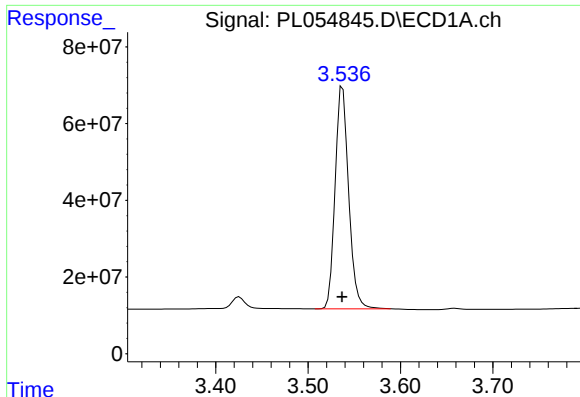
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120619\  
Data File : PL054845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Dec 2019 22:33  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 07 00:09:28 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

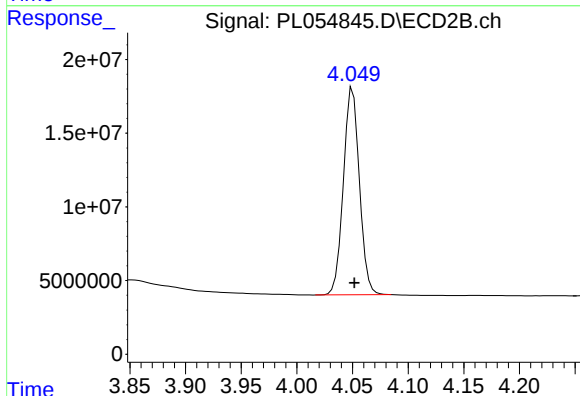




#1 Tetrachloro-m-xylene

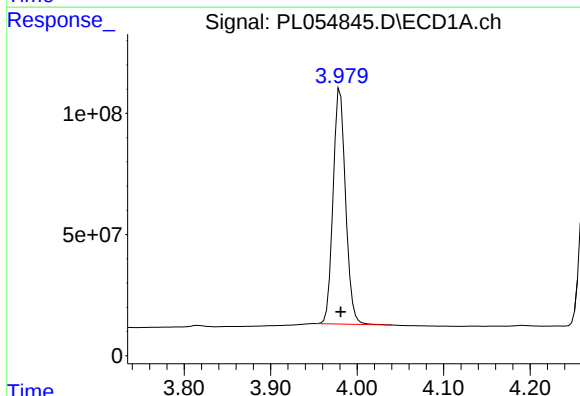
R.T.: 3.537 min  
Delta R.T.: 0.000 min  
Response: 591361287  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



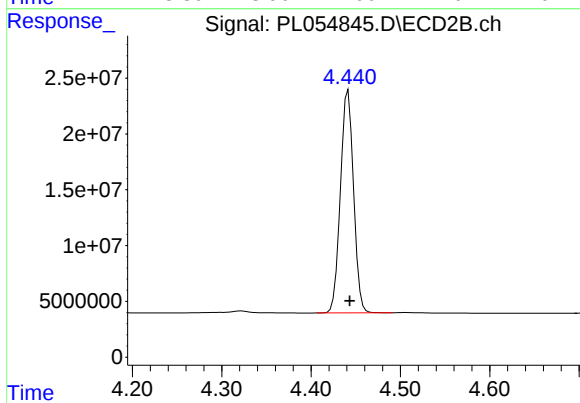
#1 Tetrachloro-m-xylene

R.T.: 4.050 min  
Delta R.T.: -0.001 min  
Response: 140675690  
Conc: 55.13 ng/ml



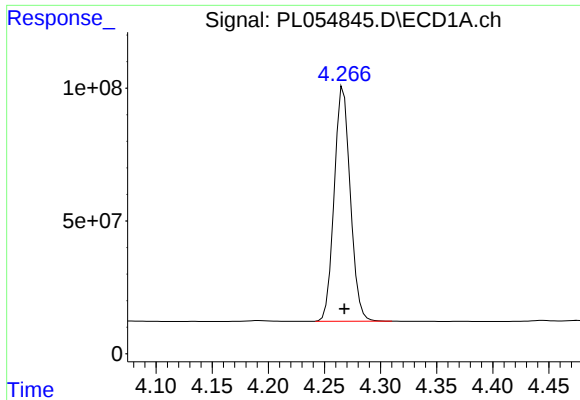
#2 alpha-BHC

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 971741940  
Conc: 51.19 ng/ml



#2 alpha-BHC

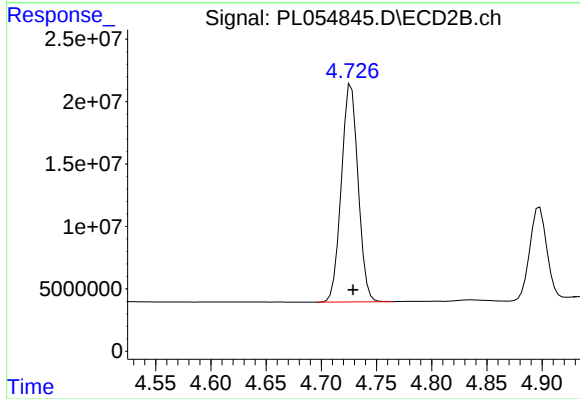
R.T.: 4.442 min  
Delta R.T.: -0.002 min  
Response: 203101874  
Conc: 57.33 ng/ml



#3 gamma-BHC (Lindane)

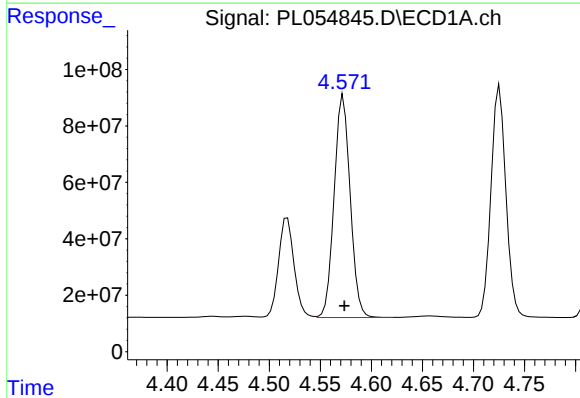
R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 881780418  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



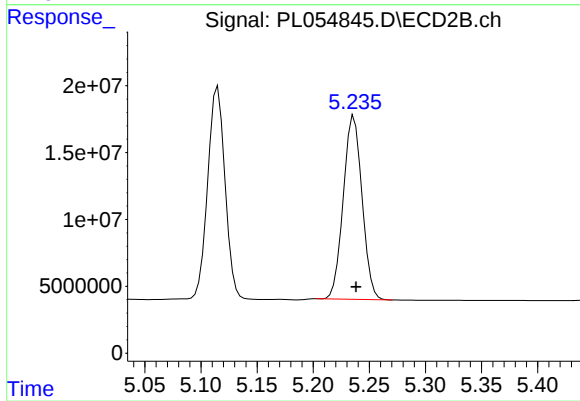
#3 gamma-BHC (Lindane)

R.T.: 4.727 min  
Delta R.T.: -0.002 min  
Response: 183956835  
Conc: 56.42 ng/ml



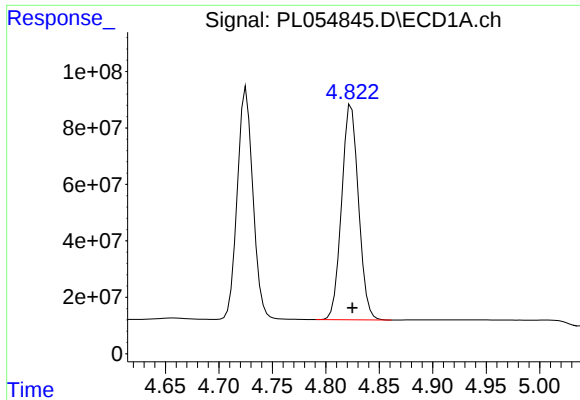
#4 Heptachlor

R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 862196534  
Conc: 48.90 ng/ml



#4 Heptachlor

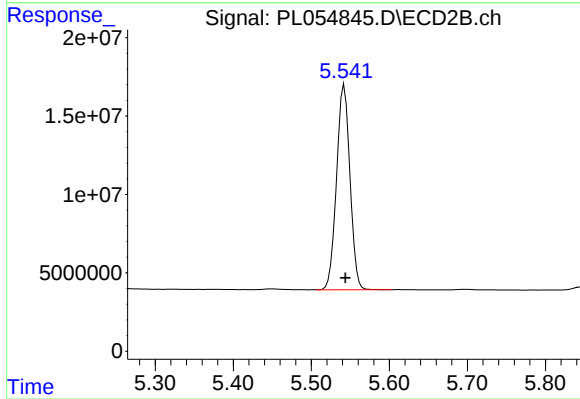
R.T.: 5.236 min  
Delta R.T.: -0.002 min  
Response: 159368074  
Conc: 52.81 ng/ml



#5 Aldrin

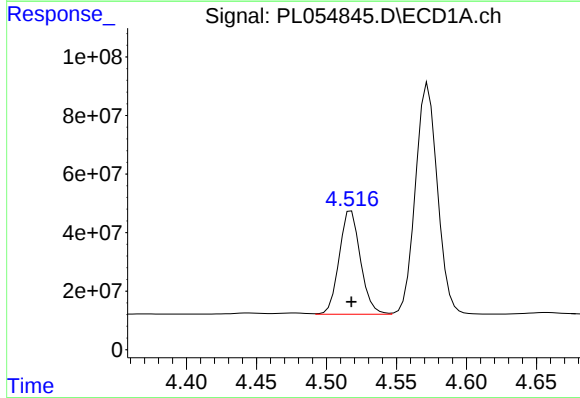
R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 838649179  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



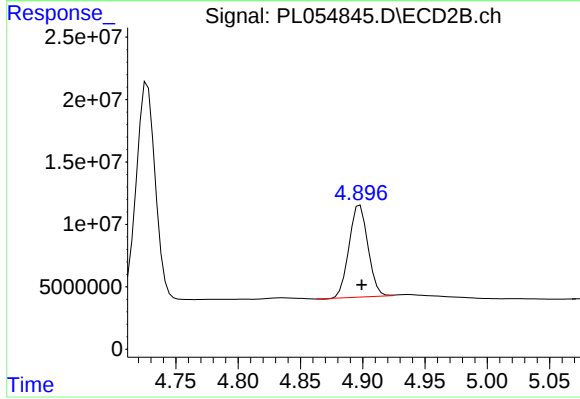
#5 Aldrin

R.T.: 5.542 min  
Delta R.T.: -0.002 min  
Response: 156147088  
Conc: 56.04 ng/ml



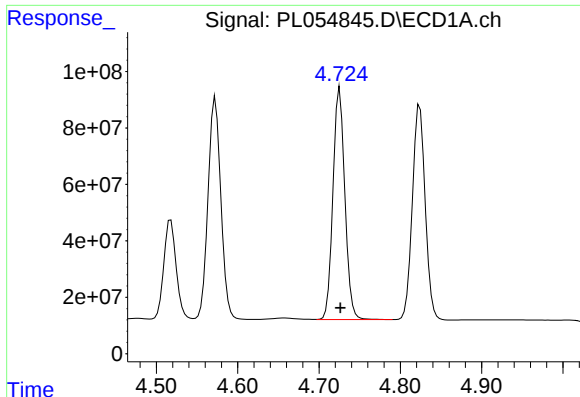
#6 beta-BHC

R.T.: 4.518 min  
Delta R.T.: 0.000 min  
Response: 373196911  
Conc: 50.32 ng/ml



#6 beta-BHC

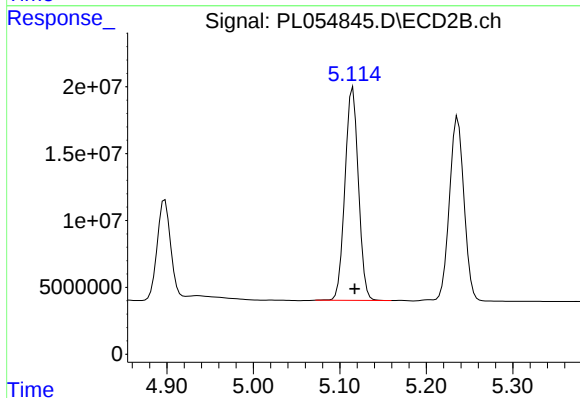
R.T.: 4.898 min  
Delta R.T.: -0.001 min  
Response: 78014090  
Conc: 55.40 ng/ml



#7 delta-BHC

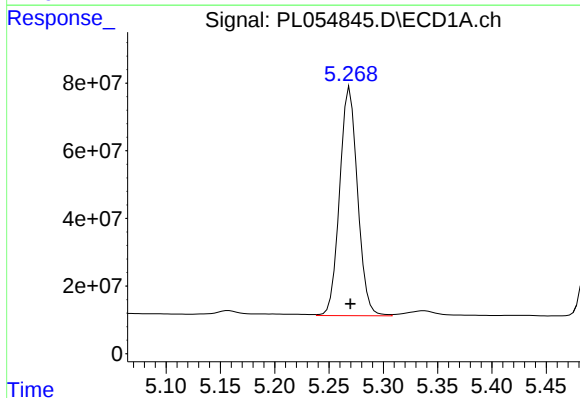
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 838321292  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



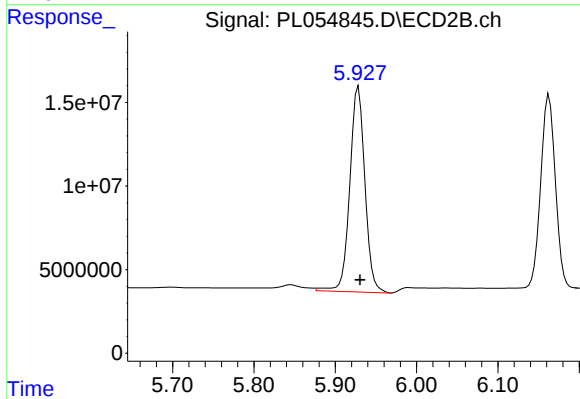
#7 delta-BHC

R.T.: 5.115 min  
Delta R.T.: -0.002 min  
Response: 170910540  
Conc: 64.10 ng/ml



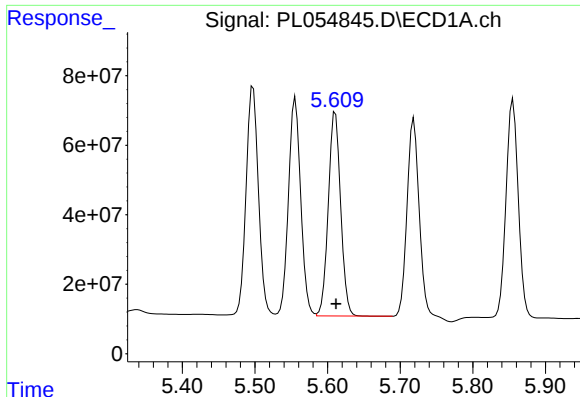
#8 Heptachlor epoxide

R.T.: 5.269 min  
Delta R.T.: 0.000 min  
Response: 776562718  
Conc: 51.34 ng/ml



#8 Heptachlor epoxide

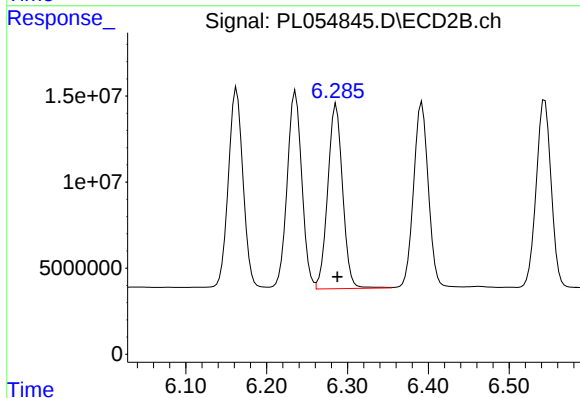
R.T.: 5.928 min  
Delta R.T.: -0.002 min  
Response: 158600399  
Conc: 63.49 ng/ml



#9 Endosulfan I

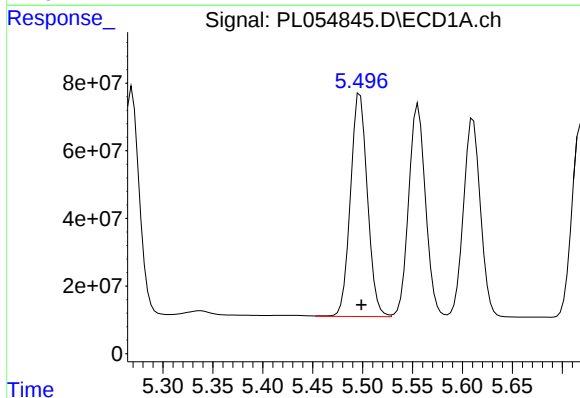
R.T.: 5.611 min  
Delta R.T.: 0.000 min  
Response: 696151433  
Conc: 51.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



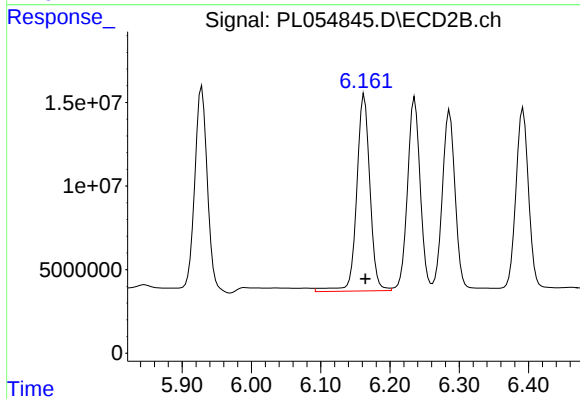
#9 Endosulfan I

R.T.: 6.286 min  
Delta R.T.: -0.002 min  
Response: 137344781  
Conc: 55.53 ng/ml



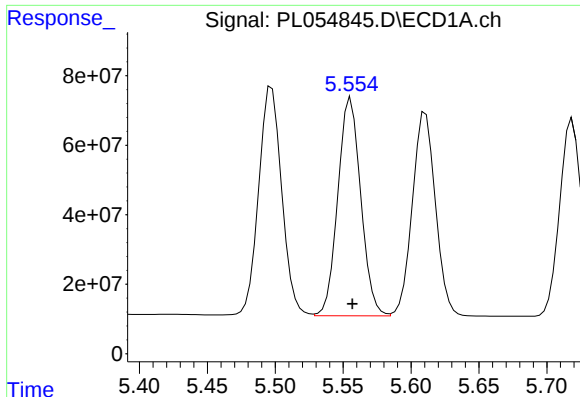
#10 gamma-Chlordane

R.T.: 5.497 min  
Delta R.T.: -0.001 min  
Response: 779587984  
Conc: 51.41 ng/ml



#10 gamma-Chlordane

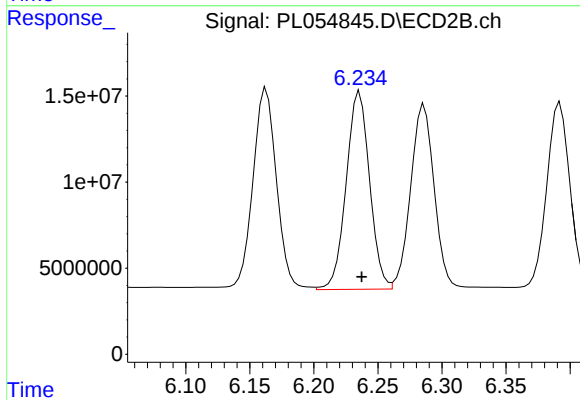
R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 156027731  
Conc: 59.23 ng/ml



#11 alpha-Chlordane

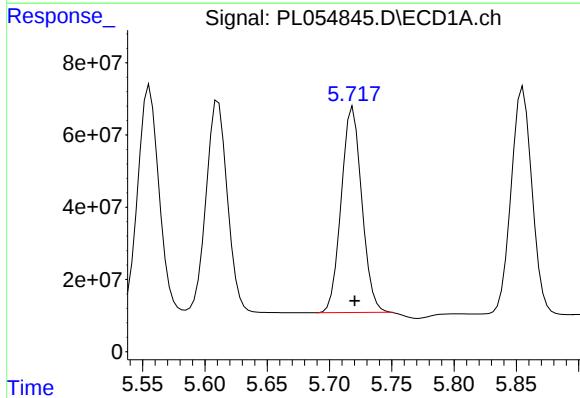
R.T.: 5.556 min  
Delta R.T.: -0.001 min  
Response: 737799249  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



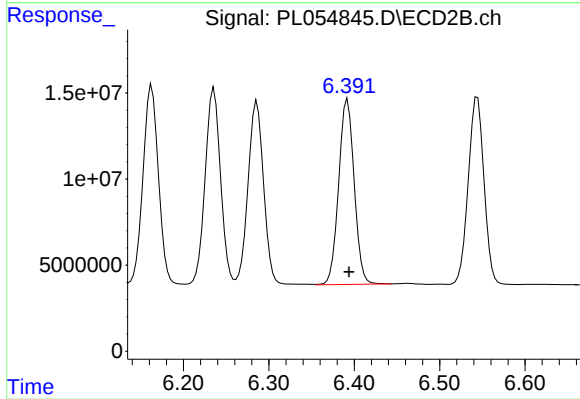
#11 alpha-Chlordane

R.T.: 6.236 min  
Delta R.T.: -0.002 min  
Response: 146108163  
Conc: 55.65 ng/ml



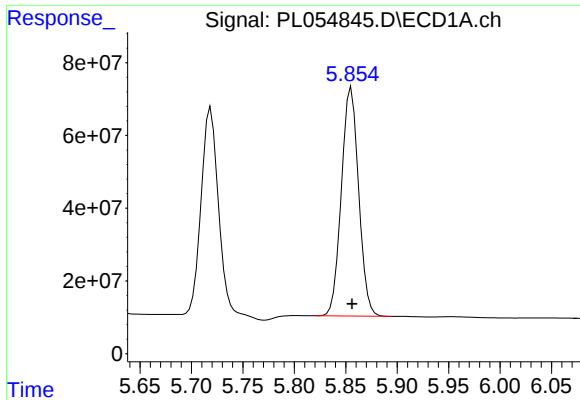
#12 4,4'-DDE

R.T.: 5.719 min  
Delta R.T.: -0.001 min  
Response: 655336613  
Conc: 49.26 ng/ml



#12 4,4'-DDE

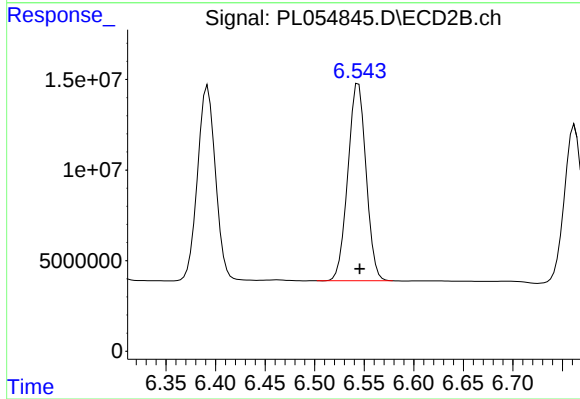
R.T.: 6.392 min  
Delta R.T.: -0.002 min  
Response: 135959572  
Conc: 54.92 ng/ml



#13 Dieldrin

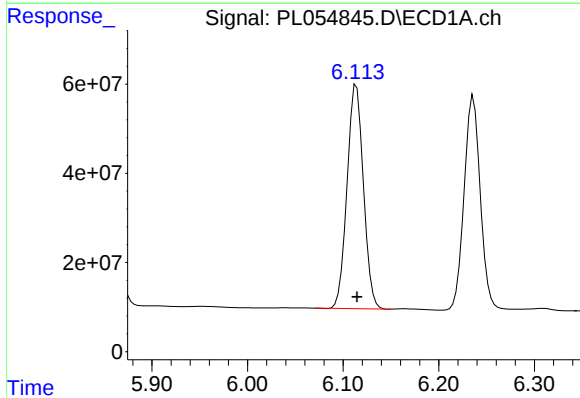
R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 734138069  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



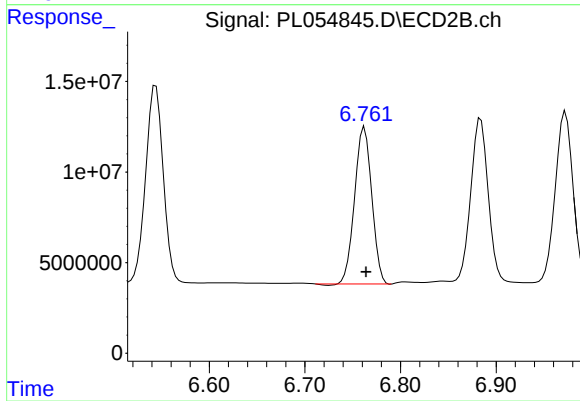
#13 Dieldrin

R.T.: 6.544 min  
Delta R.T.: -0.001 min  
Response: 139282185  
Conc: 54.72 ng/ml



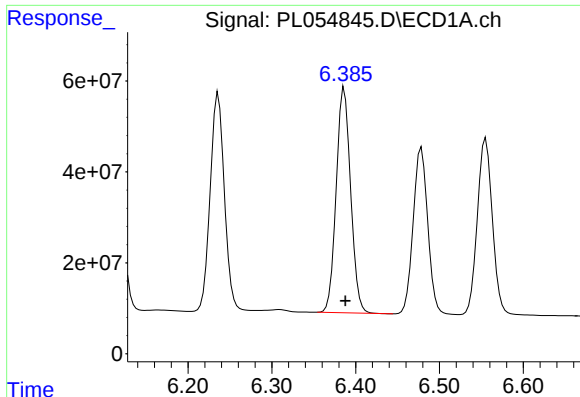
#14 Endrin

R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 599467637  
Conc: 47.08 ng/ml



#14 Endrin

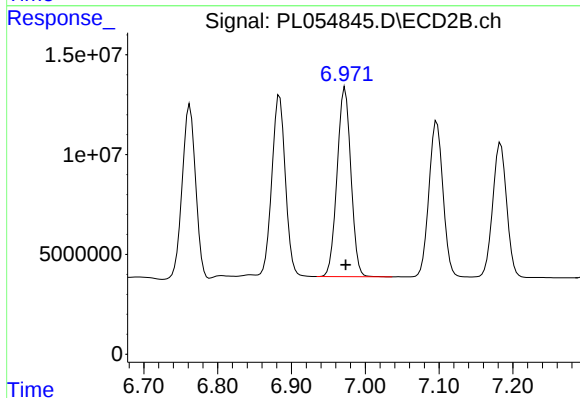
R.T.: 6.762 min  
Delta R.T.: -0.002 min  
Response: 107928584  
Conc: 48.72 ng/ml



#15 Endosulfan II

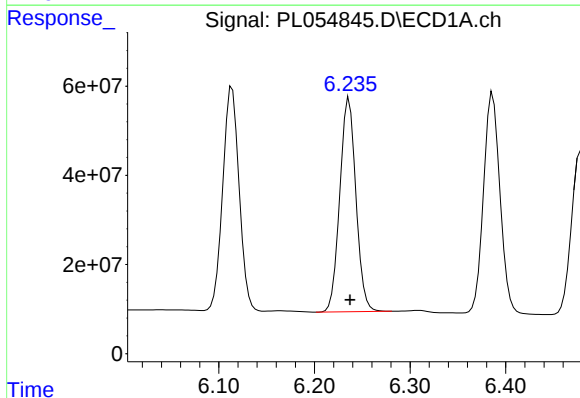
R.T.: 6.386 min  
Delta R.T.: -0.001 min  
Response: 592947818  
Conc: 49.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



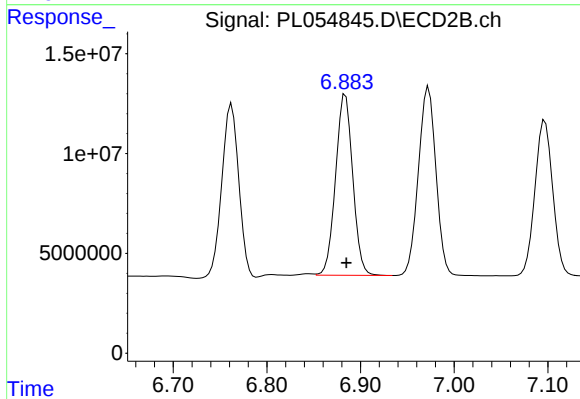
#15 Endosulfan II

R.T.: 6.973 min  
Delta R.T.: 0.000 min  
Response: 123344494  
Conc: 52.46 ng/ml



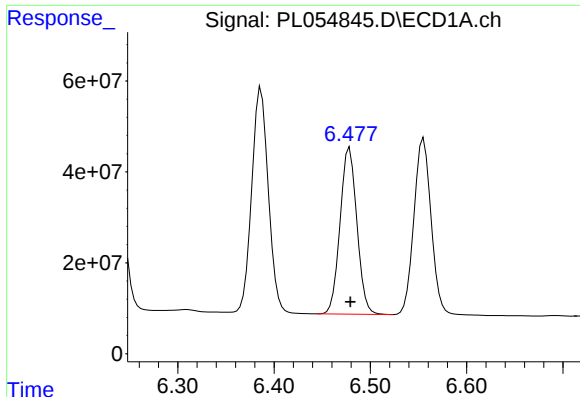
#16 4,4'-DDD

R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 563568031  
Conc: 57.70 ng/ml



#16 4,4'-DDD

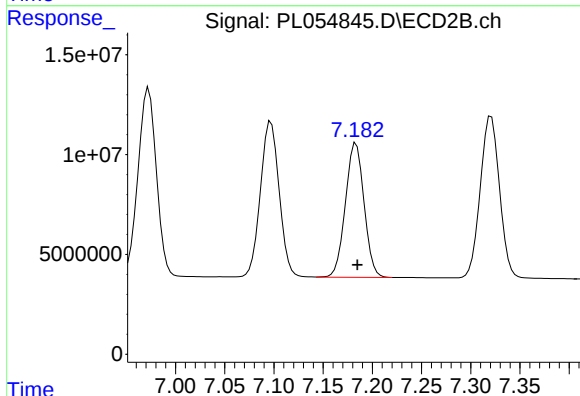
R.T.: 6.884 min  
Delta R.T.: 0.000 min  
Response: 115527591  
Conc: 60.17 ng/ml



#17 4,4'-DDT

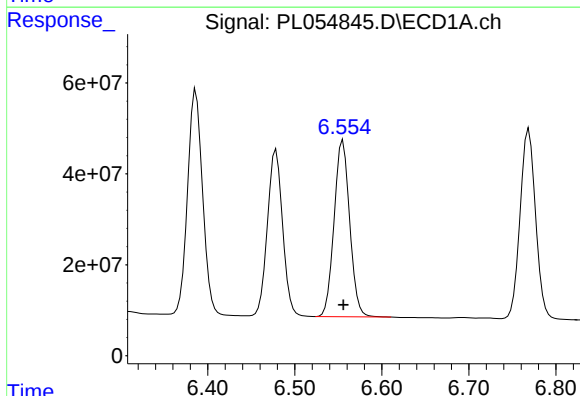
R.T.: 6.479 min  
Delta R.T.: 0.000 min  
Response: 443807803  
Conc: 42.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



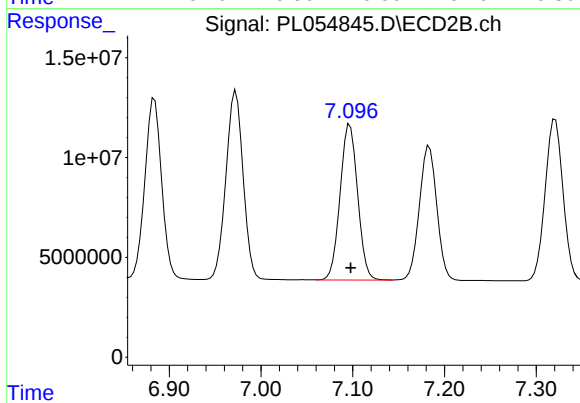
#17 4,4'-DDT

R.T.: 7.184 min  
Delta R.T.: -0.001 min  
Response: 88831591  
Conc: 44.83 ng/ml



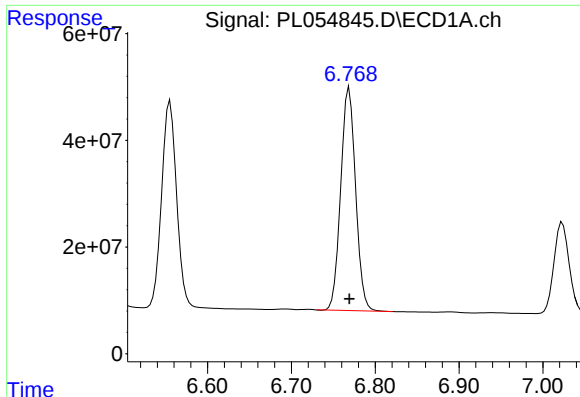
#18 Endrin aldehyde

R.T.: 6.555 min  
Delta R.T.: 0.000 min  
Response: 482527843  
Conc: 48.73 ng/ml



#18 Endrin aldehyde

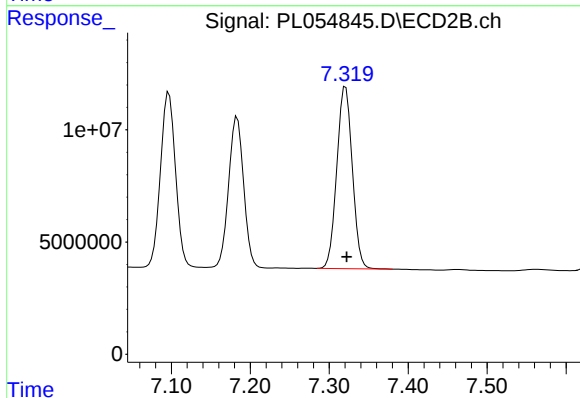
R.T.: 7.097 min  
Delta R.T.: 0.000 min  
Response: 103723652  
Conc: 52.92 ng/ml



#19 Endosulfan Sulfate

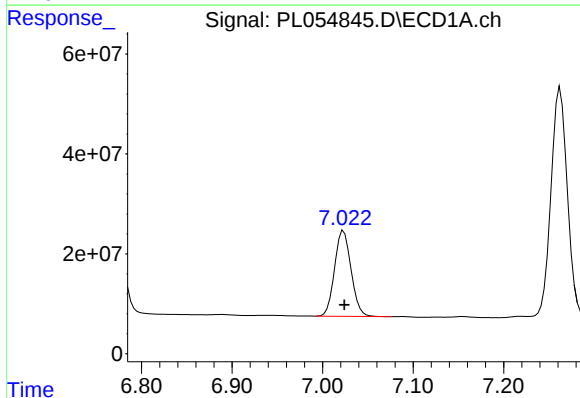
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 515957390  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



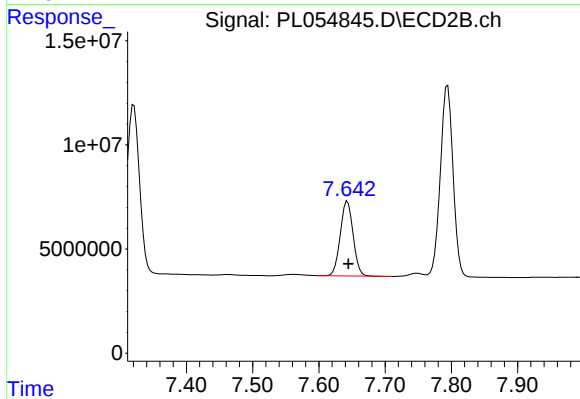
#19 Endosulfan Sulfate

R.T.: 7.321 min  
Delta R.T.: -0.001 min  
Response: 110622390  
Conc: 52.17 ng/ml



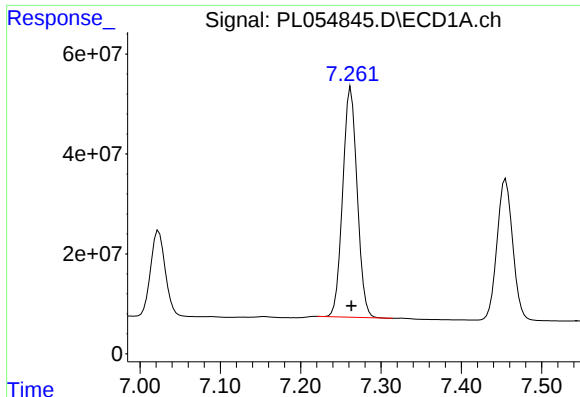
#20 Methoxychlor

R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 217064083  
Conc: 43.31 ng/ml



#20 Methoxychlor

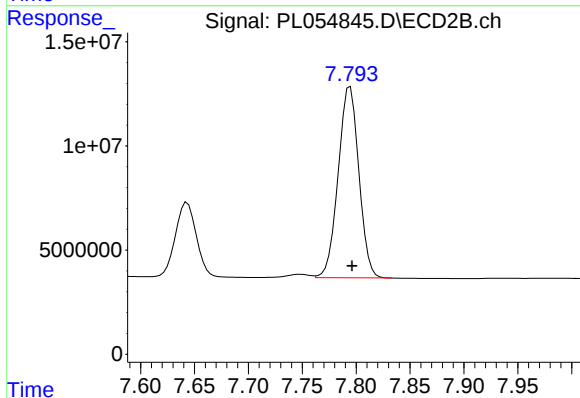
R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 48374942  
Conc: 42.41 ng/ml



#21 Endrin ketone

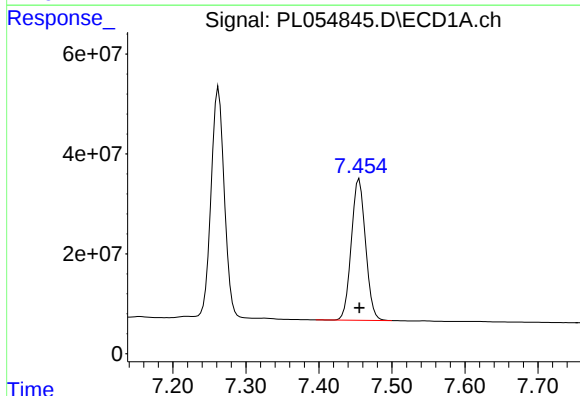
R.T.: 7.262 min  
Delta R.T.: 0.000 min  
Response: 575835602  
Conc: 52.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



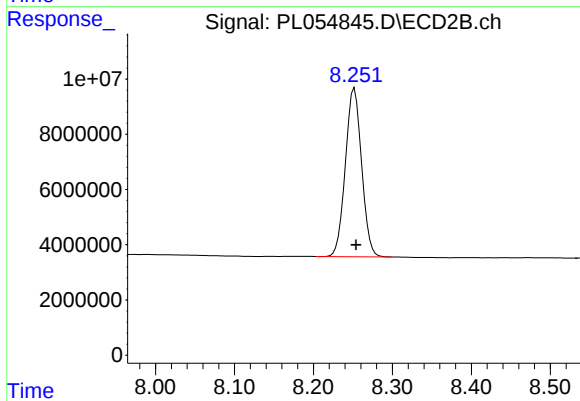
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: -0.002 min  
Response: 122594559  
Conc: 54.46 ng/ml



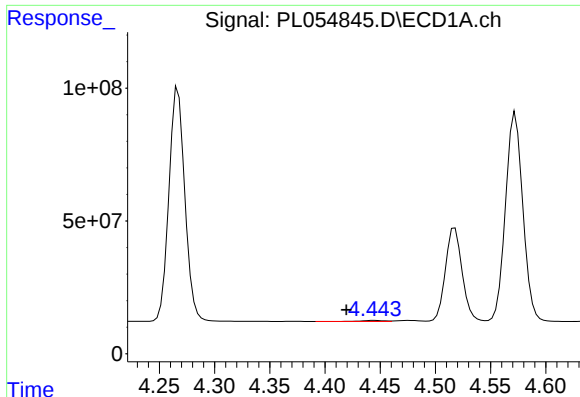
#22 Mirex

R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 383027559  
Conc: 47.18 ng/ml



#22 Mirex

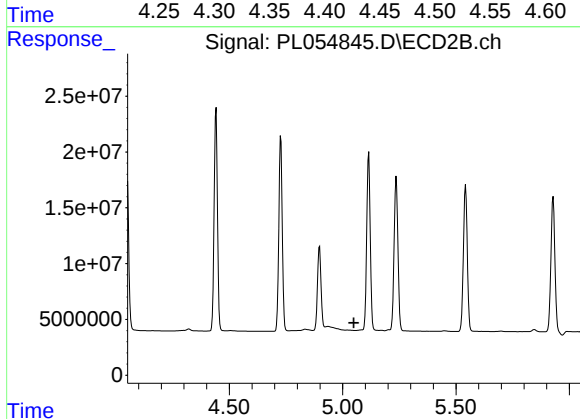
R.T.: 8.252 min  
Delta R.T.: -0.002 min  
Response: 87251599  
Conc: 50.48 ng/ml



#23 Chlordane-1

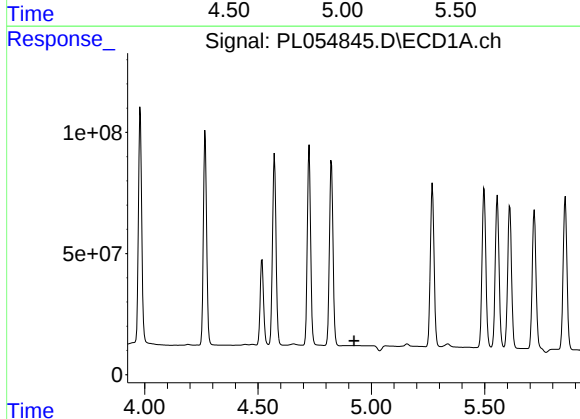
R.T.: 4.444 min  
Delta R.T.: 0.025 min  
Response: 5999460  
Conc: 15.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



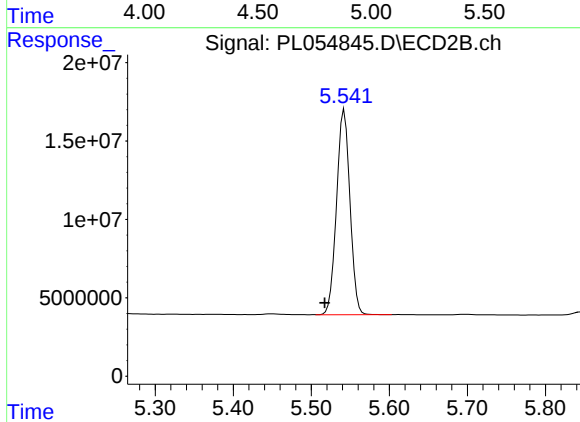
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.049 min  
Response: 0  
Conc: N.D.



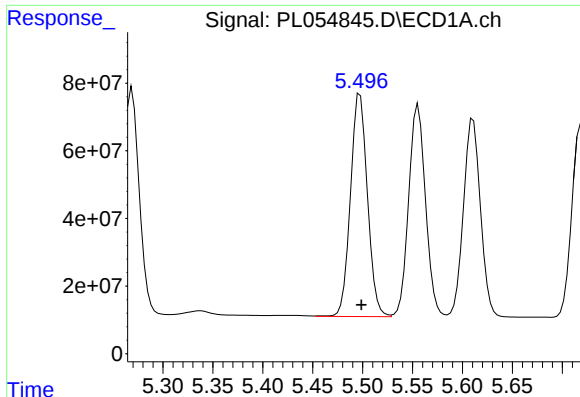
#24 Chlordane-2

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



#24 Chlordane-2

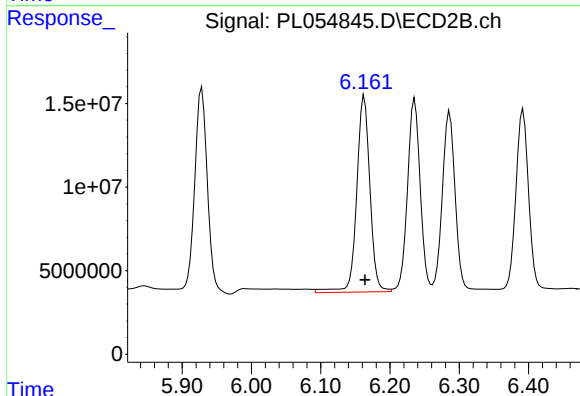
R.T.: 5.542 min  
Delta R.T.: 0.025 min  
Response: 156147088  
Conc: 1742.25 ng/ml



#25 Chlordane-3

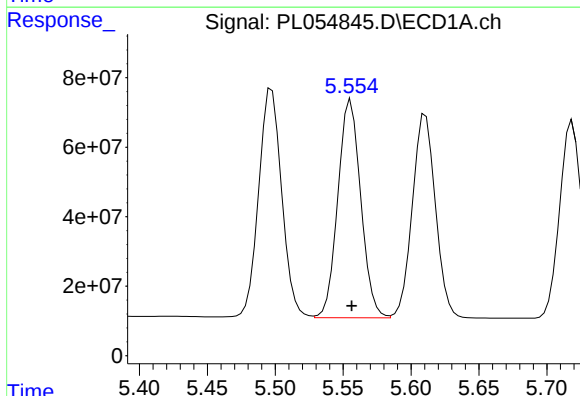
R.T.: 5.497 min  
Delta R.T.: -0.001 min  
Response: 779587984  
Conc: 607.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



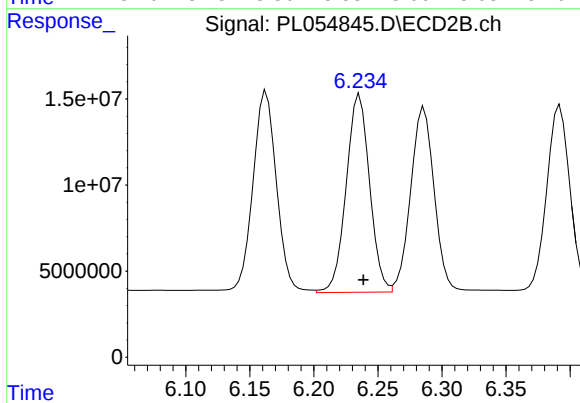
#25 Chlordane-3

R.T.: 6.163 min  
Delta R.T.: -0.001 min  
Response: 156027731  
Conc: 502.67 ng/ml



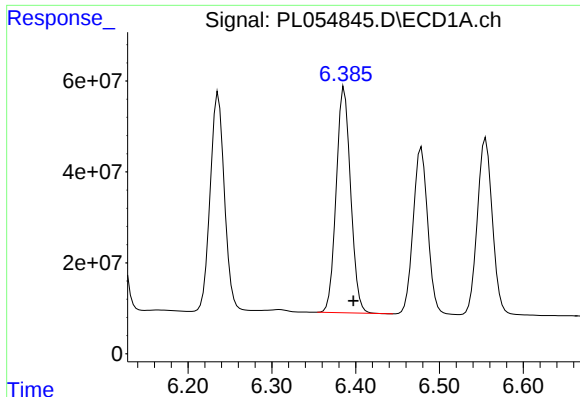
#26 Chlordane-4

R.T.: 5.556 min  
Delta R.T.: 0.000 min  
Response: 737799249  
Conc: 698.48 ng/ml



#26 Chlordane-4

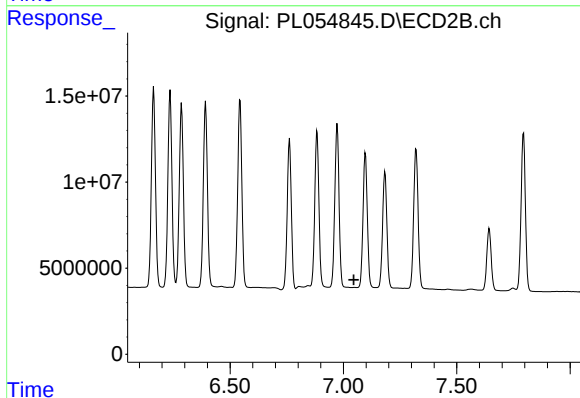
R.T.: 6.236 min  
Delta R.T.: -0.003 min  
Response: 146108163  
Conc: 388.29 ng/ml



#27 Chlordane-5

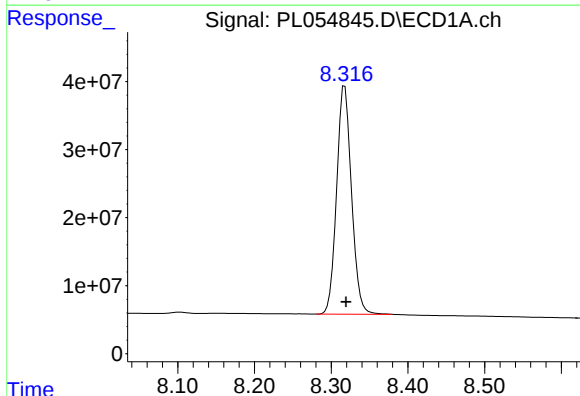
R.T.: 6.386 min  
Delta R.T.: -0.011 min  
Response: 592947818  
Conc: 1574.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



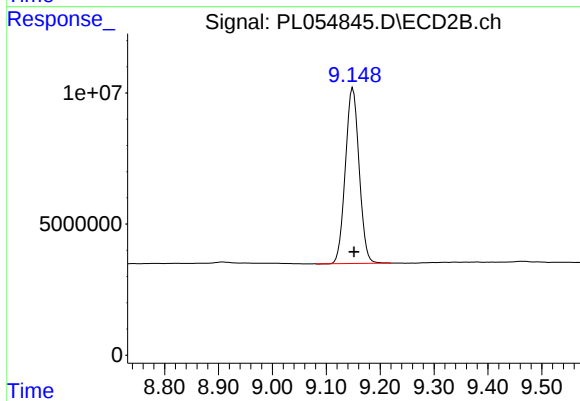
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.318 min  
Delta R.T.: -0.002 min  
Response: 452600321  
Conc: 47.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.149 min  
Delta R.T.: -0.002 min  
Response: 118769397  
Conc: 49.54 ng/ml