

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111424\  
 Data File : PL093061.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Nov 2024 13:32  
 Operator : AR\AJ  
 Sample : P4833-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MH-731MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 15 00:42:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 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... | 3.538  | 2.776 | 74176736 | 51567320 | 30.273   | 18.950 #   |
| 28)                         | SA Decachlor... | 9.053  | 7.914 | 35305591 | 48560374 | 18.345   | 17.793     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.279 | 165.8E6  | 212.9E6  | 48.883   | 53.363     |
| 3)                          | MA gamma-BHC... | 4.327  | 3.609 | 158.5E6  | 201.1E6  | 48.611   | 52.112     |
| 4)                          | MA Heptachlor   | 4.915  | 3.948 | 150.8E6  | 208.3E6  | 50.202   | 55.201     |
| 5)                          | MB Aldrin       | 5.257  | 4.227 | 142.1E6  | 198.5E6  | 47.346   | 54.236     |
| 6)                          | B beta-BHC      | 4.524  | 3.908 | 73580990 | 89782791 | 50.905   | 54.538     |
| 7)                          | B delta-BHC     | 4.772  | 4.137 | 126.6E6  | 169.9E6  | 40.446   | 44.201     |
| 8)                          | B Heptachlo...  | 5.684  | 4.730 | 132.9E6  | 179.8E6  | 48.123   | 53.817     |
| 9)                          | A Endosulfan I  | 6.068  | 5.100 | 120.6E6  | 170.9E6  | 48.215   | 55.976     |
| 10)                         | B gamma-Chl...  | 5.939  | 4.980 | 128.1E6  | 195.1E6  | 48.146   | 58.042     |
| 11)                         | B alpha-Chl...  | 6.018  | 5.043 | 129.6E6  | 187.2E6  | 48.944   | 56.291     |
| 12)                         | B 4,4'-DDE      | 6.191  | 5.232 | 118.3E6  | 185.0E6  | 49.923   | 57.428     |
| 13)                         | MA Dieldrin     | 6.343  | 5.364 | 126.8E6  | 184.1E6  | 48.131   | 55.124     |
| 14)                         | MA Endrin       | 6.573  | 5.639 | 102.7E6  | 158.5E6  | 45.111   | 54.788     |
| 15)                         | B Endosulfa...  | 6.793  | 5.934 | 115.5E6  | 157.7E6  | 48.434   | 55.648     |
| 16)                         | A 4,4'-DDD      | 6.709  | 5.787 | 101.6E6  | 142.6E6  | 52.947   | 57.282     |
| 17)                         | MA 4,4'-DDT     | 7.023  | 6.037 | 100.4E6  | 139.5E6  | 48.527   | 52.016     |
| 18)                         | B Endrin al...  | 6.923  | 6.113 | 95307016 | 119.6E6  | 50.750   | 51.826     |
| 19)                         | B Endosulfa...  | 7.158  | 6.336 | 99626857 | 140.4E6  | 45.904   | 52.067     |
| 20)                         | A Methoxychlor  | 7.499  | 6.612 | 53152192 | 74252034 | 46.625   | 51.996     |
| 21)                         | B Endrin ke...  | 7.643  | 6.842 | 117.1E6  | 162.6E6  | 48.340   | 52.980     |
| 22)                         | Mirex           | 8.116  | 7.021 | 85195268 | 124.0E6  | 42.991   | 47.508     |
| 23)                         | Chlordane-1     | 0.000  | 3.789 | 0        | 1514547  | N.D.     | 14.267 #   |
| 24)                         | Chlordane-2     | 5.257f | 4.366 | 142.1E6  | 553334   | 1239.883 | 4.468 #    |
| 25)                         | Chlordane-3     | 5.939  | 4.980 | 128.1E6  | 195.1E6  | 328.195  | 537.988 #  |
| 26)                         | Chlordane-4     | 6.018  | 5.043 | 129.6E6  | 187.2E6  | 271.149  | 535.215 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.934 | 0        | 157.7E6  | N.D.     | 1243.351 # |
| -----                       |                 |        |       |          |          |          |            |

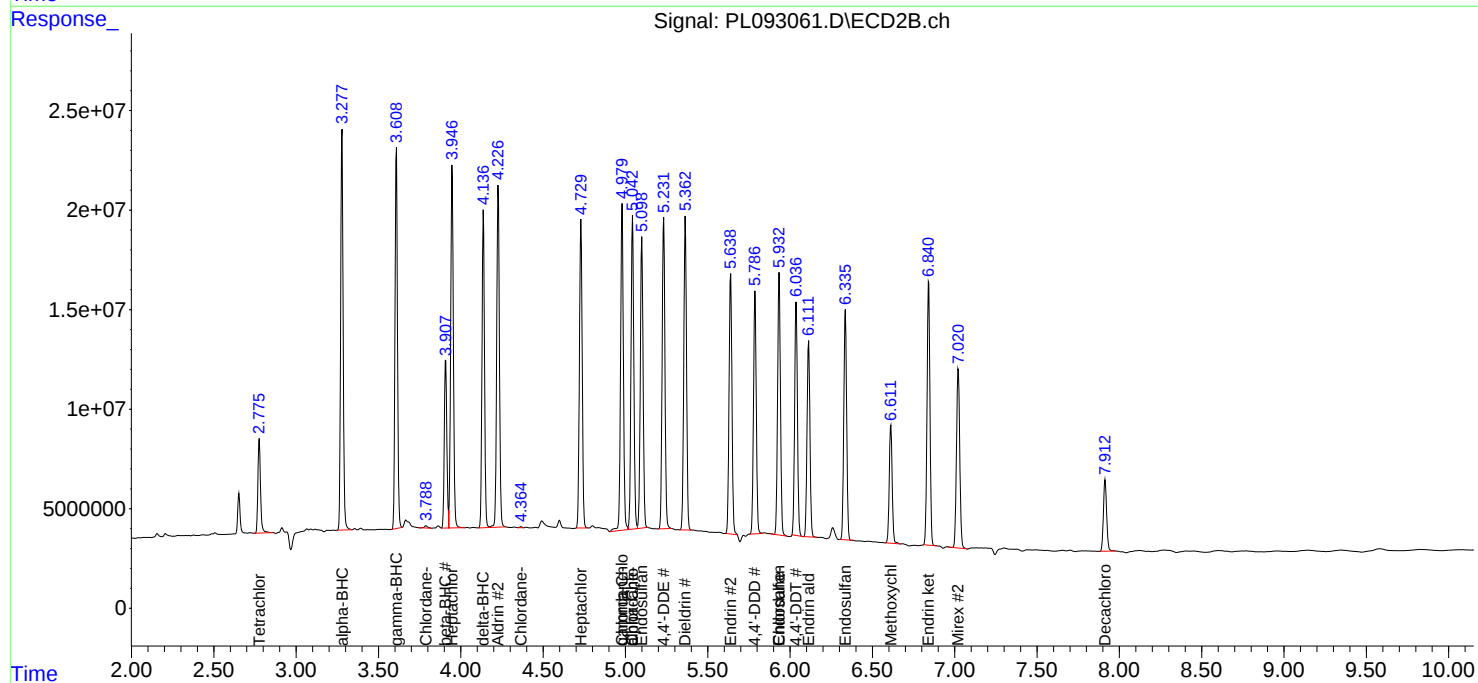
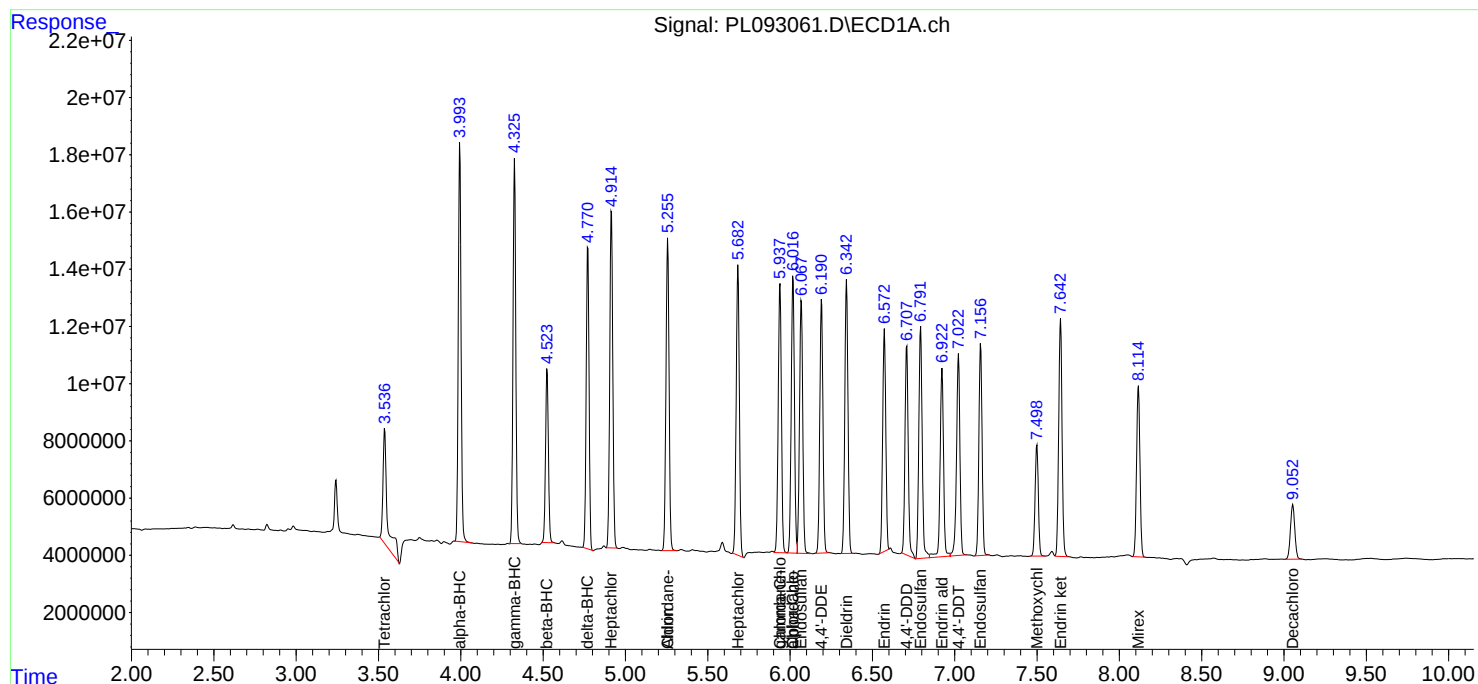
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

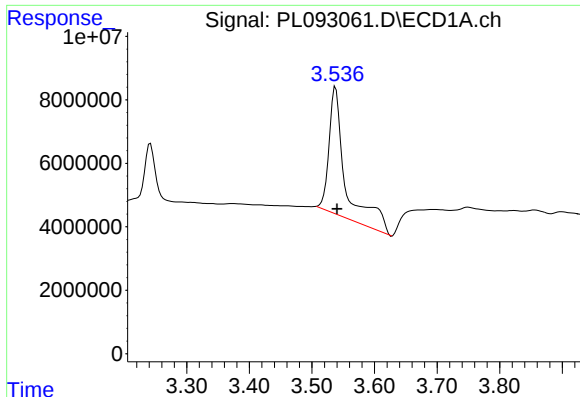
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111424\  
Data File : PL093061.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Nov 2024 13:32  
Operator : AR\AJ  
Sample : P4833-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 15 00:42:18 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
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

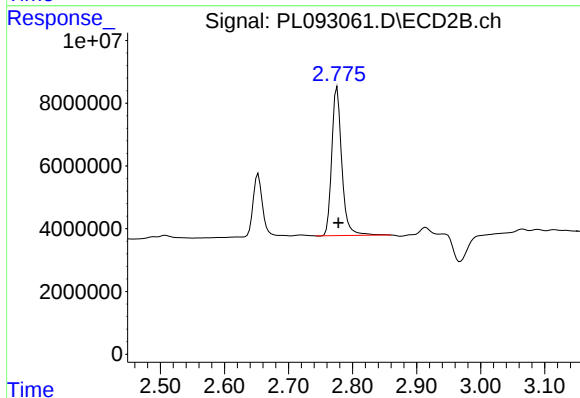




#1 Tetrachloro-m-xylene

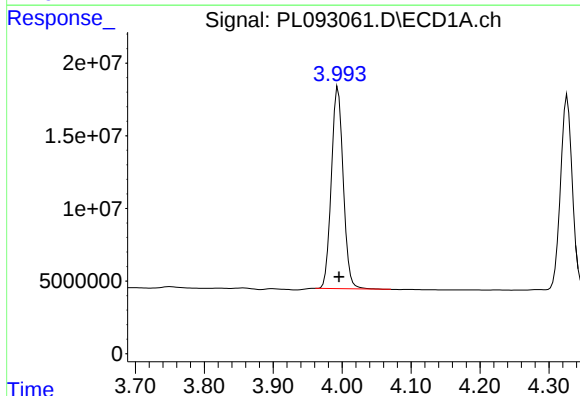
R.T.: 3.538 min  
Delta R.T.: -0.002 min  
Response: 74176736  
Conc: 30.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



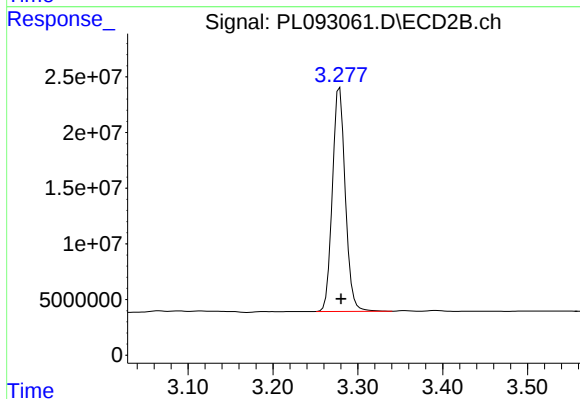
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 51567320  
Conc: 18.95 ng/ml



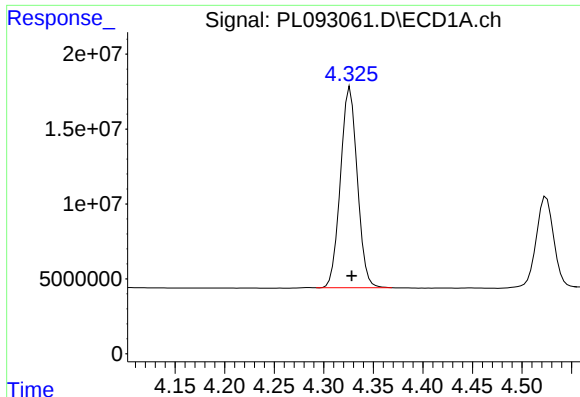
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.002 min  
Response: 165788913  
Conc: 48.88 ng/ml



#2 alpha-BHC

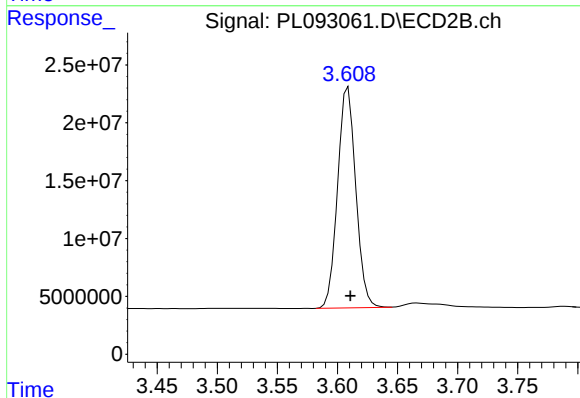
R.T.: 3.279 min  
Delta R.T.: -0.002 min  
Response: 212928407  
Conc: 53.36 ng/ml



#3 gamma-BHC (Lindane)

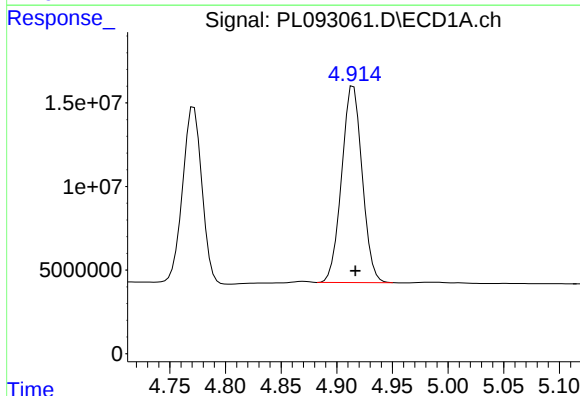
R.T.: 4.327 min  
Delta R.T.: -0.002 min  
Response: 158452058  
Conc: 48.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



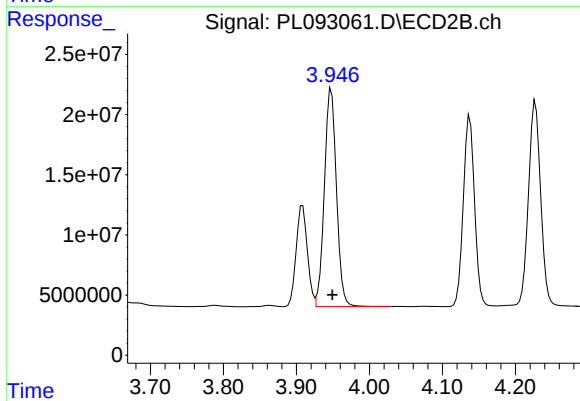
#3 gamma-BHC (Lindane)

R.T.: 3.609 min  
Delta R.T.: -0.002 min  
Response: 201123668  
Conc: 52.11 ng/ml



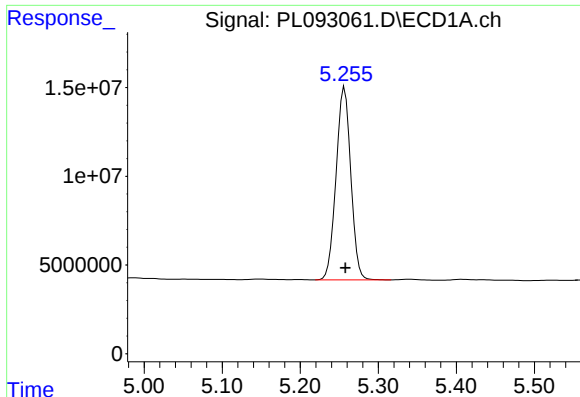
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: -0.002 min  
Response: 150761880  
Conc: 50.20 ng/ml



#4 Heptachlor

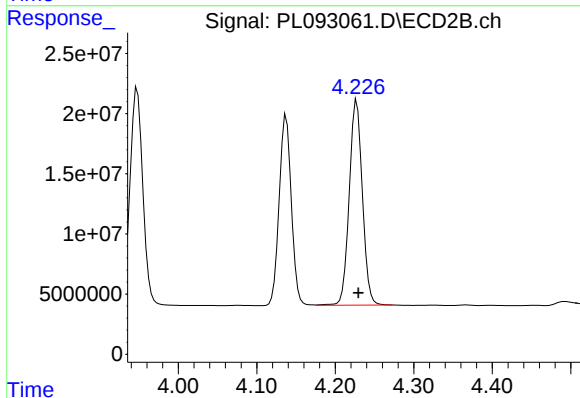
R.T.: 3.948 min  
Delta R.T.: -0.002 min  
Response: 208323710  
Conc: 55.20 ng/ml



#5 Aldrin

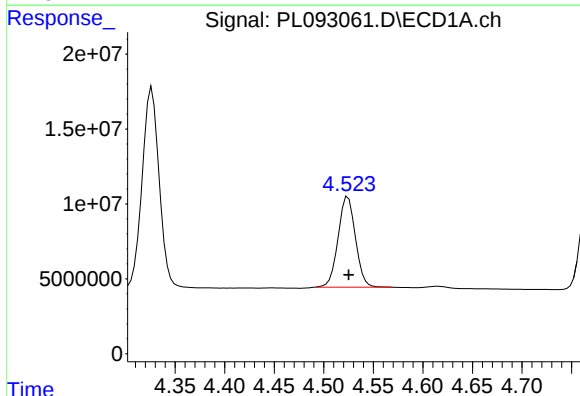
R.T.: 5.257 min  
Delta R.T.: -0.001 min  
Response: 142107669  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



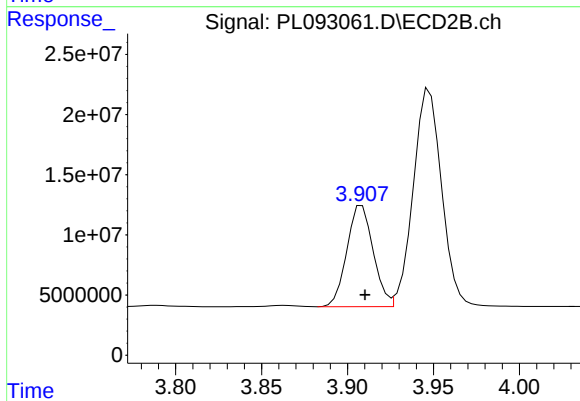
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.002 min  
Response: 198514176  
Conc: 54.24 ng/ml



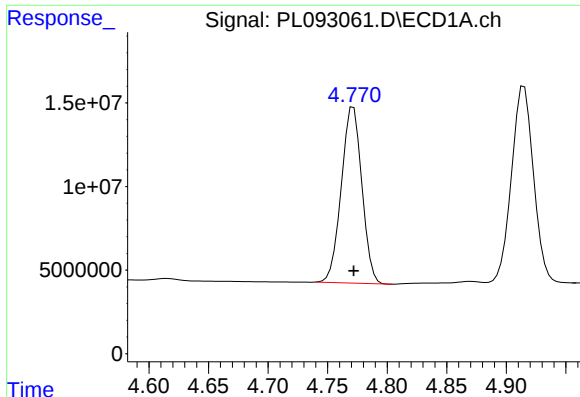
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 73580990  
Conc: 50.90 ng/ml



#6 beta-BHC

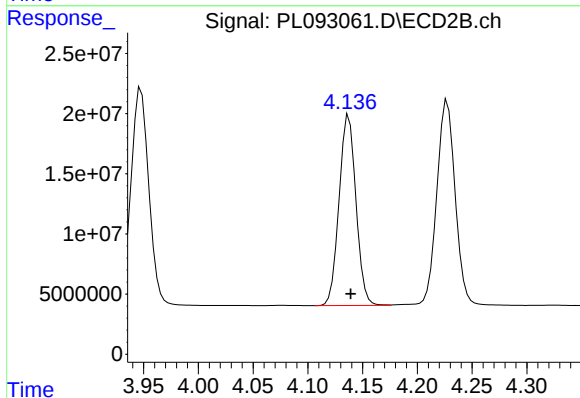
R.T.: 3.908 min  
Delta R.T.: -0.002 min  
Response: 89782791  
Conc: 54.54 ng/ml



#7 delta-BHC

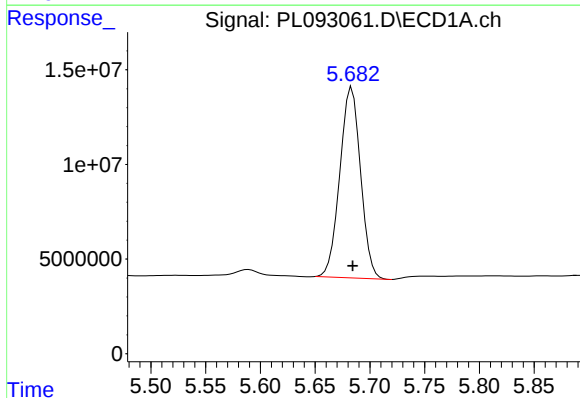
R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 126592254  
Conc: 40.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



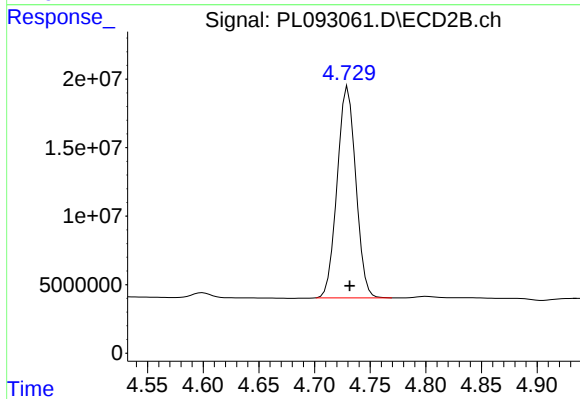
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: -0.002 min  
Response: 169871292  
Conc: 44.20 ng/ml



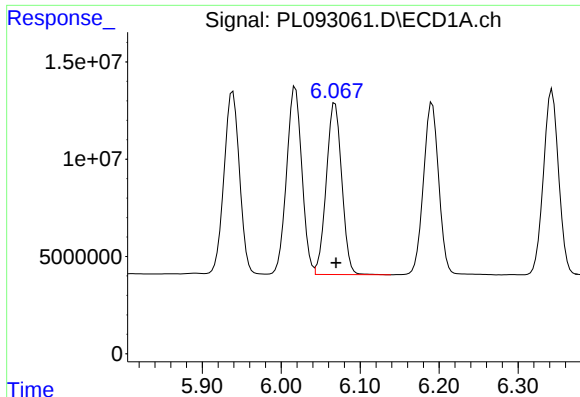
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 132887365  
Conc: 48.12 ng/ml



#8 Heptachlor epoxide

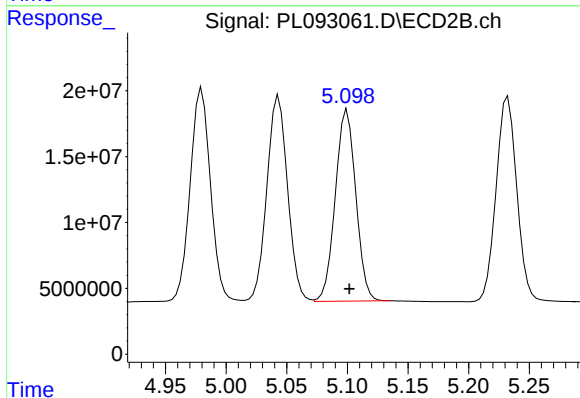
R.T.: 4.730 min  
Delta R.T.: -0.002 min  
Response: 179825743  
Conc: 53.82 ng/ml



#9 Endosulfan I

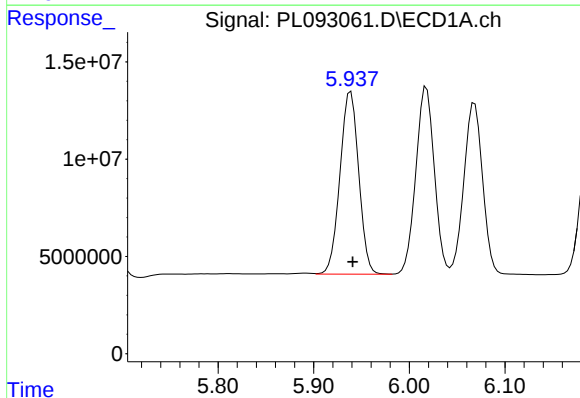
R.T.: 6.068 min  
Delta R.T.: -0.001 min  
Response: 120603305  
Conc: 48.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



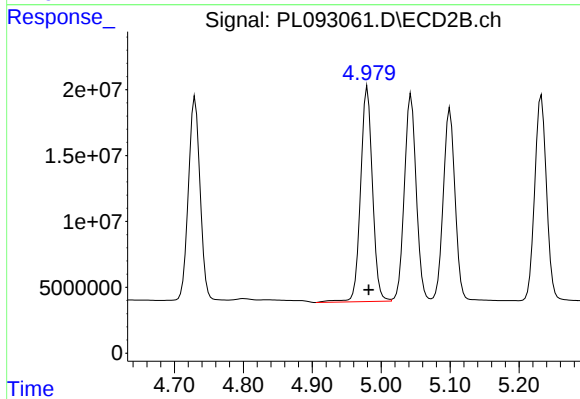
#9 Endosulfan I

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 170901663  
Conc: 55.98 ng/ml



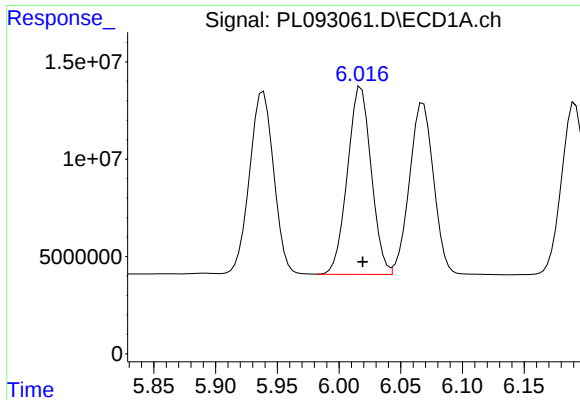
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 128099559  
Conc: 48.15 ng/ml



#10 gamma-Chlordane

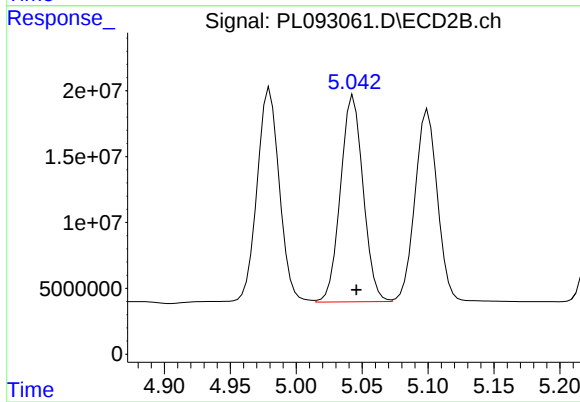
R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 195119071  
Conc: 58.04 ng/ml



#11 alpha-Chlordane

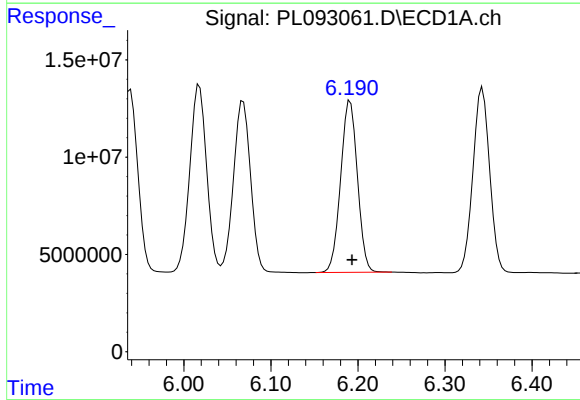
R.T.: 6.018 min  
Delta R.T.: -0.001 min  
Response: 129610678  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



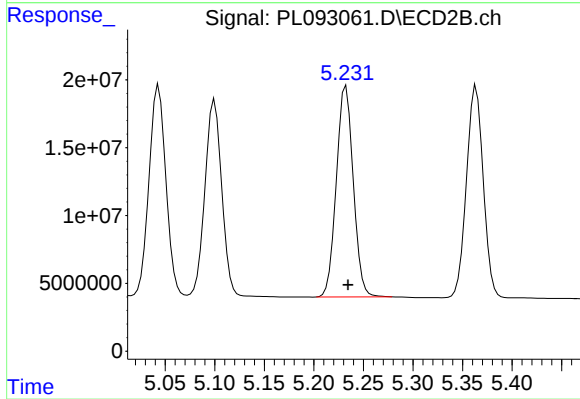
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: -0.002 min  
Response: 187225477  
Conc: 56.29 ng/ml



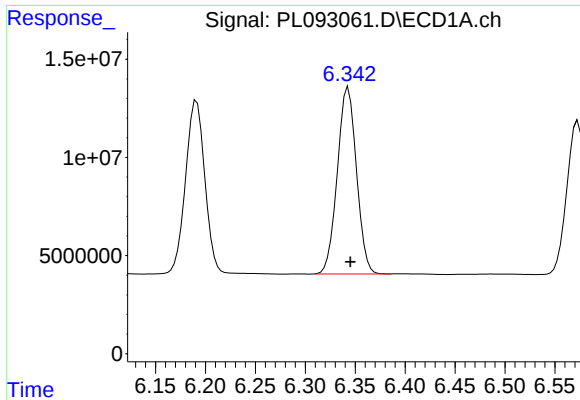
#12 4,4'-DDE

R.T.: 6.191 min  
Delta R.T.: -0.002 min  
Response: 118276285  
Conc: 49.92 ng/ml



#12 4,4'-DDE

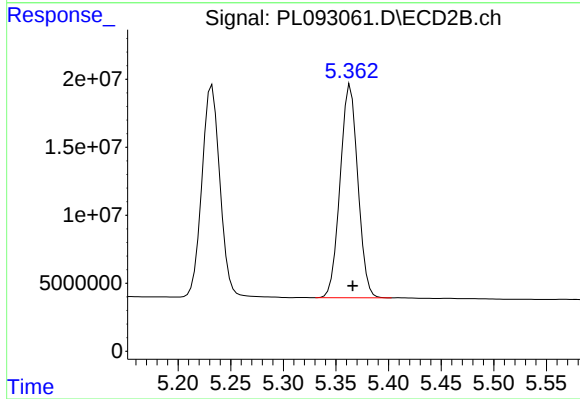
R.T.: 5.232 min  
Delta R.T.: -0.002 min  
Response: 185011057  
Conc: 57.43 ng/ml



#13 Dieldrin

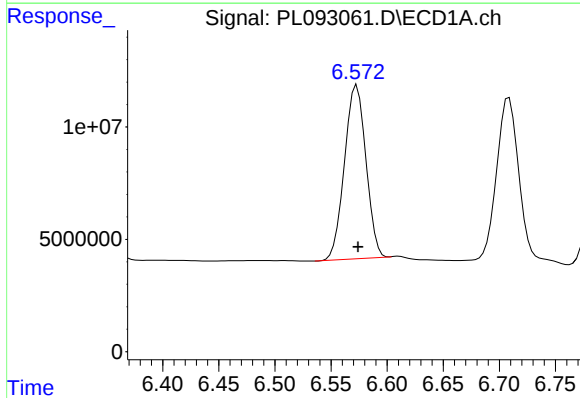
R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 126847985  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



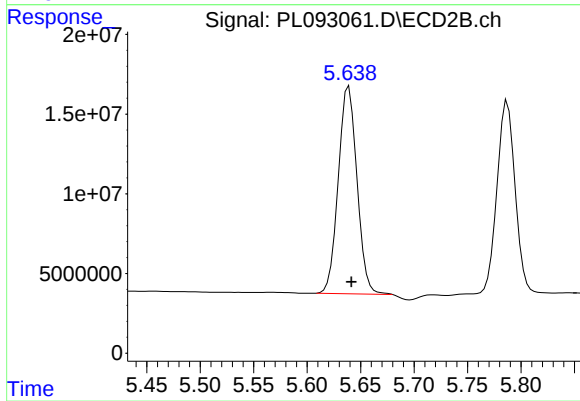
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: -0.002 min  
Response: 184131666  
Conc: 55.12 ng/ml



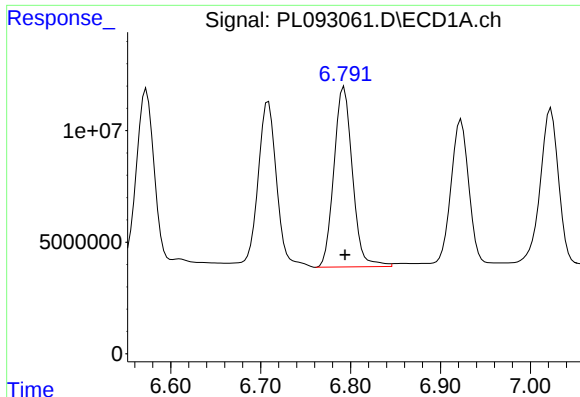
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.001 min  
Response: 102703053  
Conc: 45.11 ng/ml



#14 Endrin

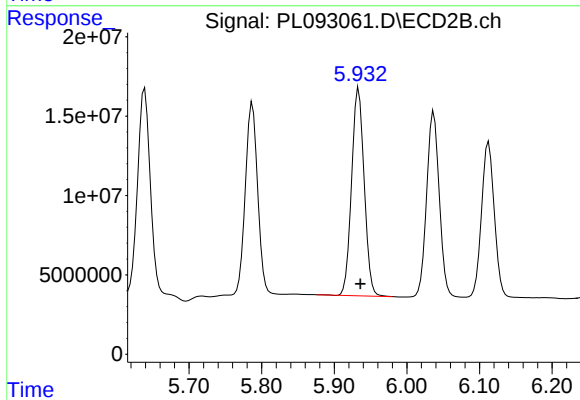
R.T.: 5.639 min  
Delta R.T.: -0.002 min  
Response: 158503274  
Conc: 54.79 ng/ml



#15 Endosulfan II

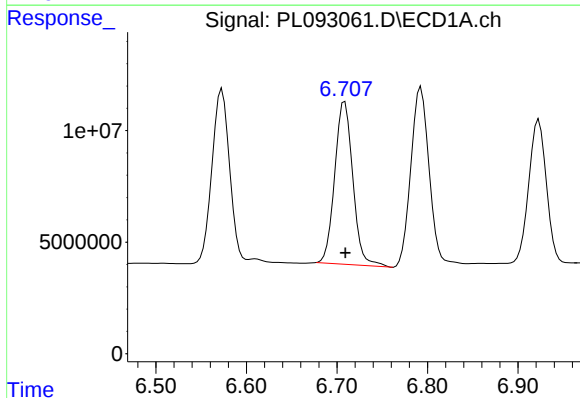
R.T.: 6.793 min  
Delta R.T.: -0.001 min  
Response: 115457680  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



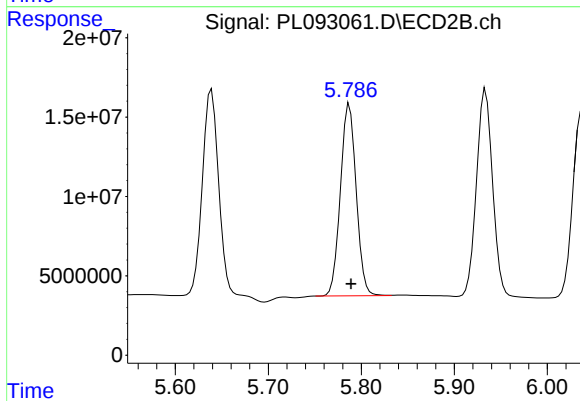
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: -0.002 min  
Response: 157666903  
Conc: 55.65 ng/ml



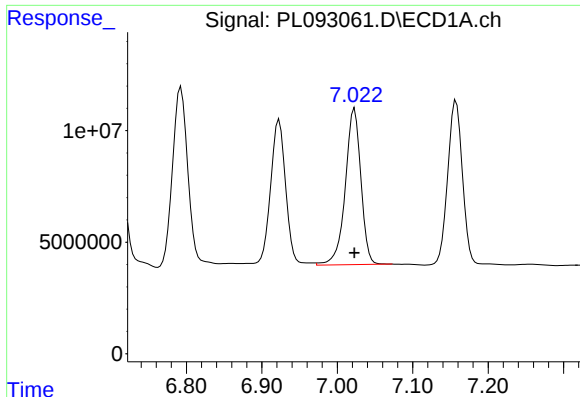
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 101632911  
Conc: 52.95 ng/ml



#16 4,4'-DDD

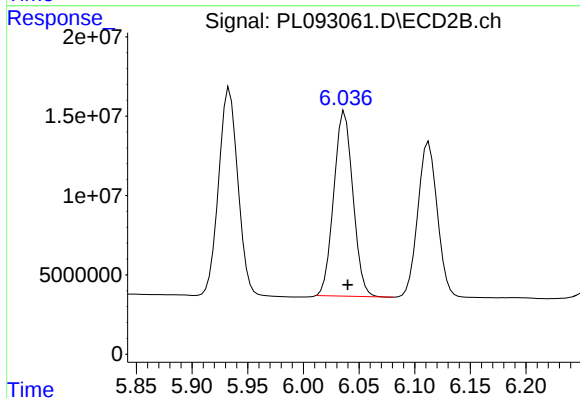
R.T.: 5.787 min  
Delta R.T.: -0.002 min  
Response: 142636796  
Conc: 57.28 ng/ml



#17 4,4'-DDT

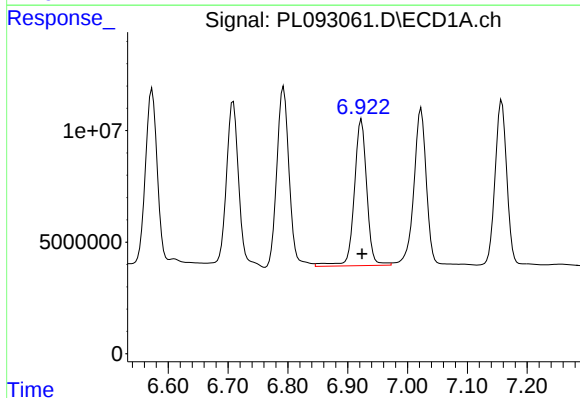
R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 100439293  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



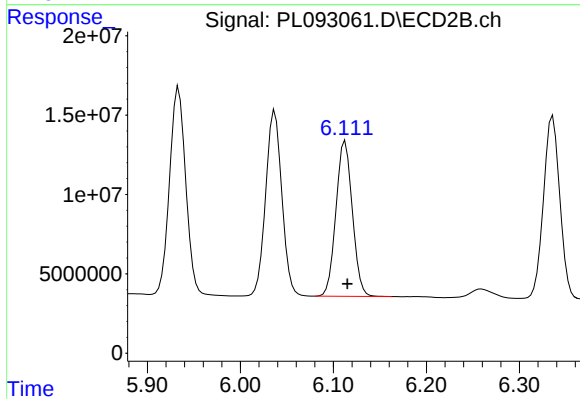
#17 4,4'-DDT

R.T.: 6.037 min  
Delta R.T.: -0.003 min  
Response: 139521061  
Conc: 52.02 ng/ml



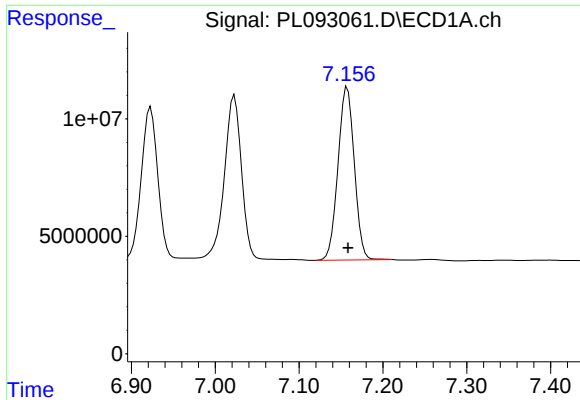
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: -0.001 min  
Response: 95307016  
Conc: 50.75 ng/ml



#18 Endrin aldehyde

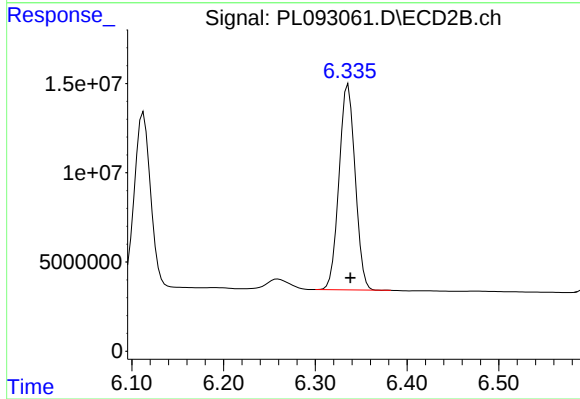
R.T.: 6.113 min  
Delta R.T.: -0.002 min  
Response: 119578298  
Conc: 51.83 ng/ml



#19 Endosulfan Sulfate

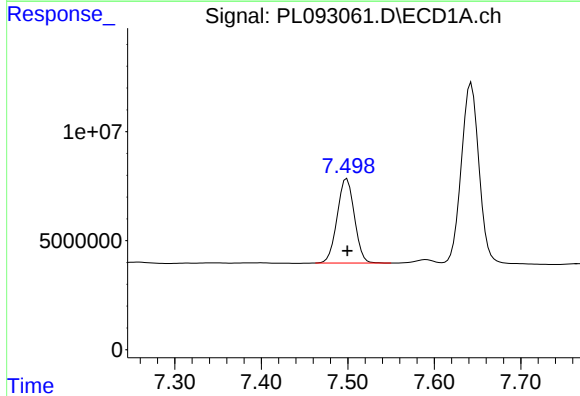
R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 99626857  
Conc: 45.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



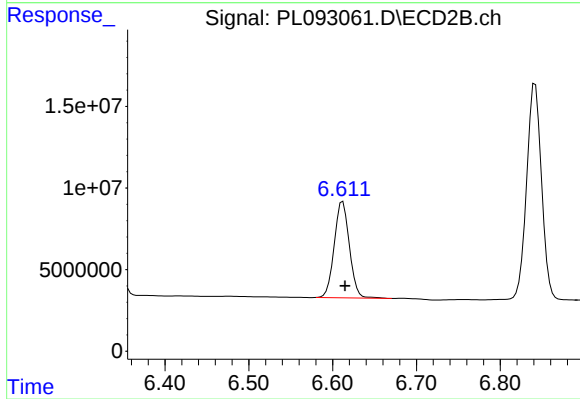
#19 Endosulfan Sulfate

R.T.: 6.336 min  
Delta R.T.: -0.002 min  
Response: 140418088  
Conc: 52.07 ng/ml



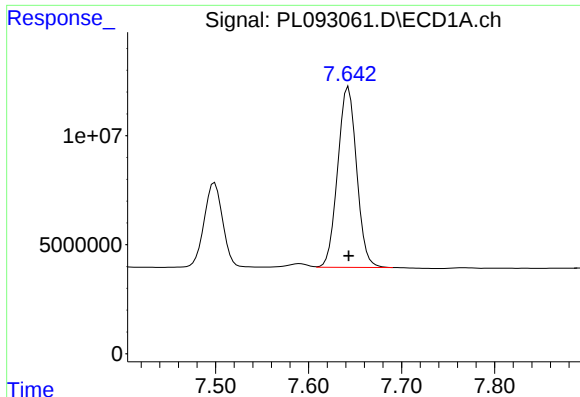
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: 0.000 min  
Response: 53152192  
Conc: 46.62 ng/ml



#20 Methoxychlor

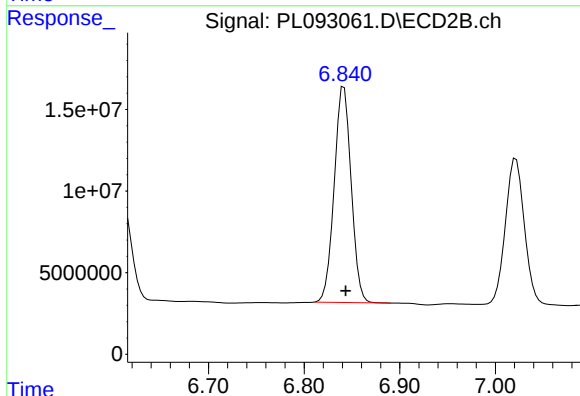
R.T.: 6.612 min  
Delta R.T.: -0.003 min  
Response: 74252034  
Conc: 52.00 ng/ml



#21 Endrin ketone

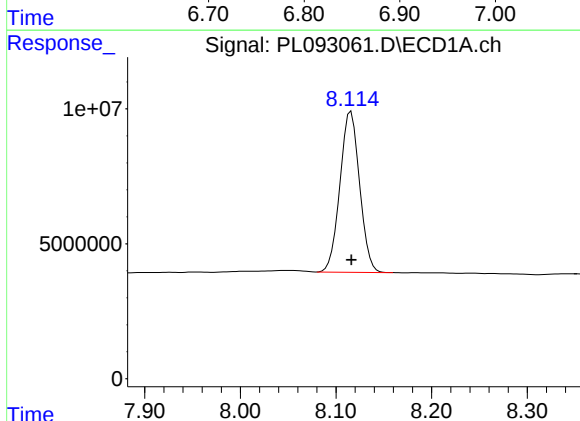
R.T.: 7.643 min  
Delta R.T.: 0.000 min  
Response: 117118313  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



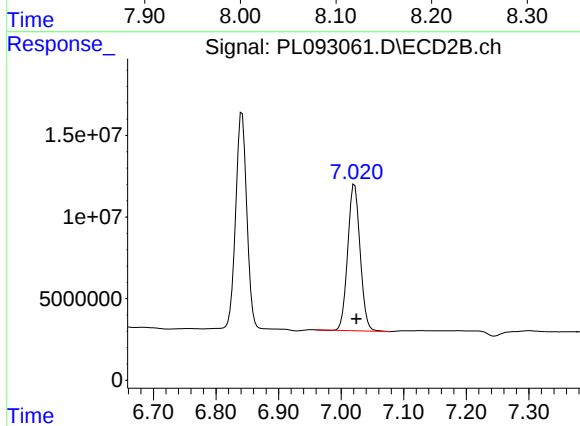
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: -0.002 min  
Response: 162586237  
Conc: 52.98 ng/ml



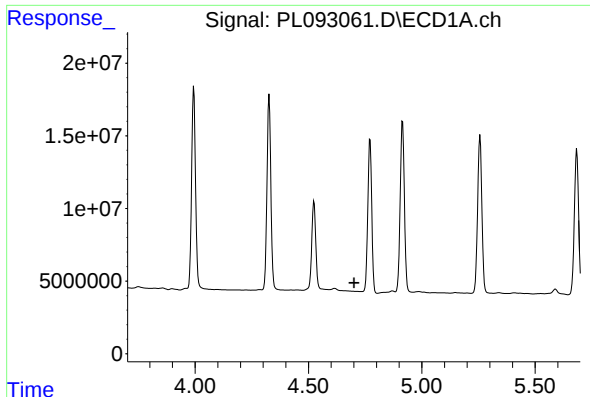
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.000 min  
Response: 85195268  
Conc: 42.99 ng/ml



#22 Mirex

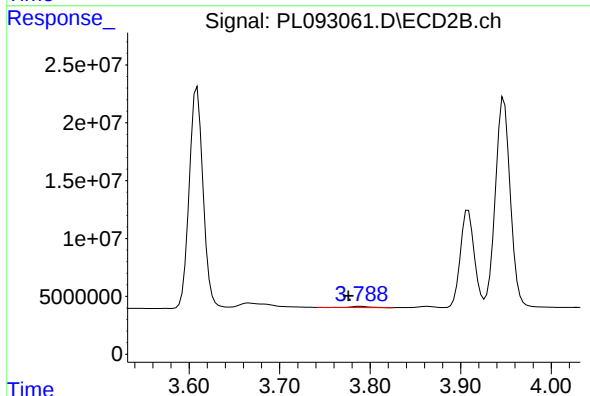
R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 123951612  
Conc: 47.51 ng/ml



#23 Chlordane-1

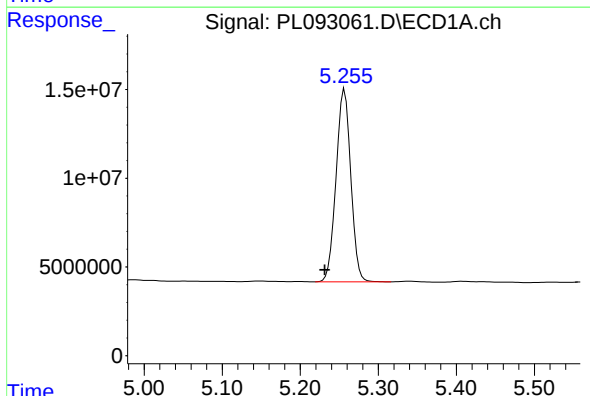
R.T.: 0.000 min  
Exp R.T.: 4.702 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



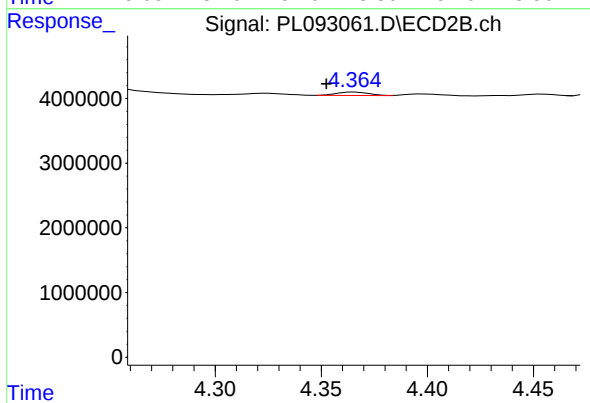
#23 Chlordane-1

R.T.: 3.789 min  
Delta R.T.: 0.013 min  
Response: 1514547  
Conc: 14.27 ng/ml



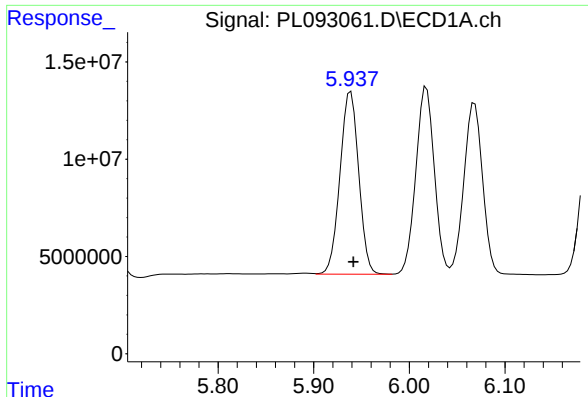
#24 Chlordane-2

R.T.: 5.257 min  
Delta R.T.: 0.026 min  
Response: 142107669  
Conc: 1239.88 ng/ml



#24 Chlordane-2

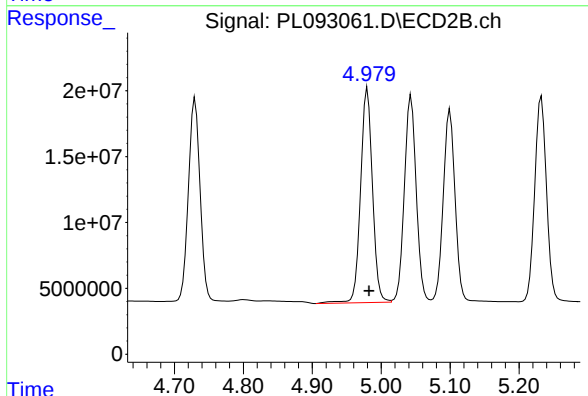
R.T.: 4.366 min  
Delta R.T.: 0.013 min  
Response: 553334  
Conc: 4.47 ng/ml



#25 Chlordane-3

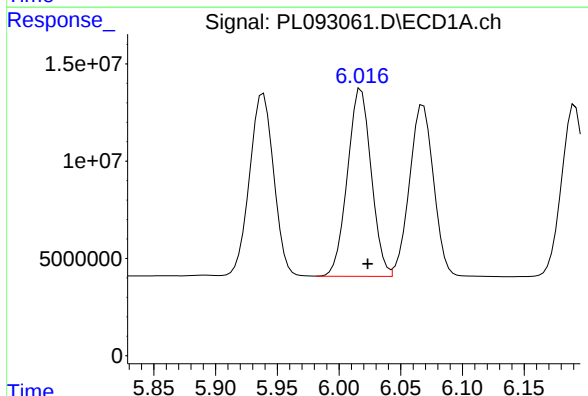
R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 128099559  
Conc: 328.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



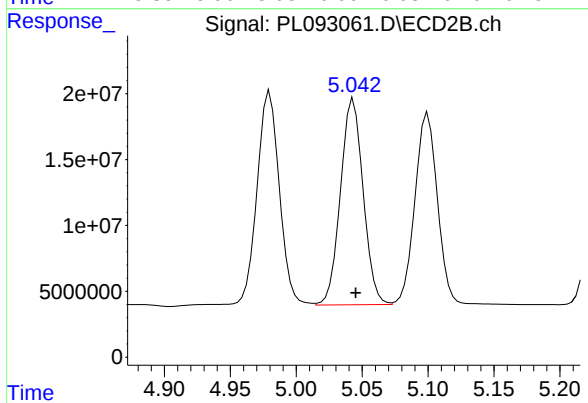
#25 Chlordane-3

R.T.: 4.980 min  
Delta R.T.: -0.002 min  
Response: 195119071  
Conc: 537.99 ng/ml



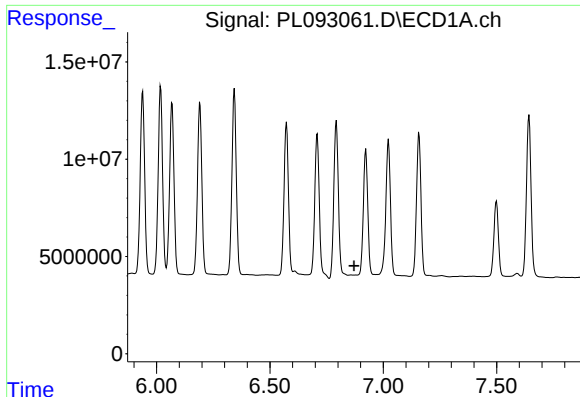
#26 Chlordane-4

R.T.: 6.018 min  
Delta R.T.: -0.005 min  
Response: 129610678  
Conc: 271.15 ng/ml



#26 Chlordane-4

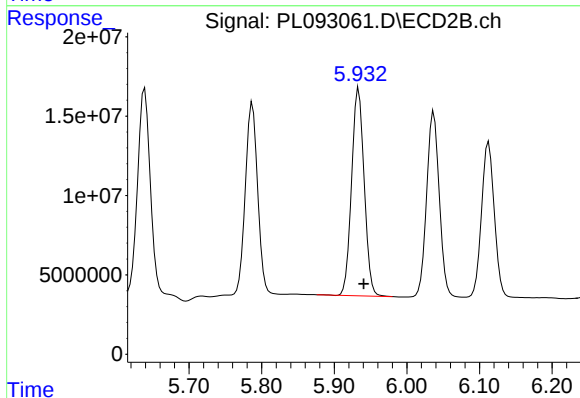
R.T.: 5.043 min  
Delta R.T.: -0.002 min  
Response: 187225477  
Conc: 535.21 ng/ml



#27 Chlordane-5

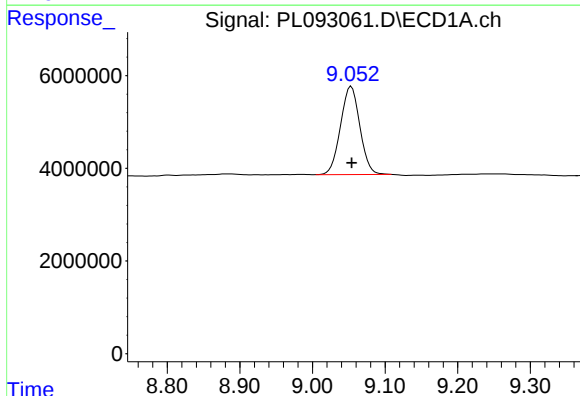
R.T.: 0.000 min  
Exp R.T.: 6.872 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MH-731MS



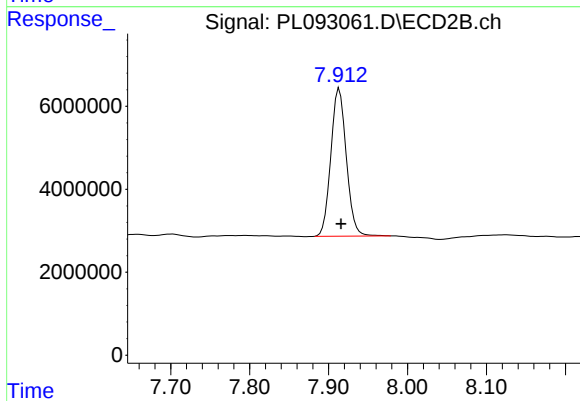
#27 Chlordane-5

R.T.: 5.934 min  
Delta R.T.: -0.007 min  
Response: 157666903  
Conc: 1243.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: 0.000 min  
Response: 35305591  
Conc: 18.34 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: -0.002 min  
Response: 48560374  
Conc: 17.79 ng/ml