

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121624\  
 Data File : PL093393.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Dec 2024 16:25  
 Operator : AR\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 17 00:19:38 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 25 15:18:43 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... | 3.546 | 2.776 | 138.4E6  | 160.0E6  | 53.243  | 55.486     |
| 28)                         | SA Decachlor... | 9.061 | 7.914 | 99727541 | 160.3E6  | 57.363  | 56.123     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 4.002 | 3.278 | 191.6E6  | 240.1E6  | 53.695  | 56.236     |
| 3)                          | MA gamma-BHC... | 4.335 | 3.608 | 179.2E6  | 231.8E6  | 53.048  | 55.991     |
| 4)                          | MA Heptachlor   | 4.923 | 3.947 | 150.5E6  | 211.1E6  | 49.237  | 52.171     |
| 5)                          | MB Aldrin       | 5.264 | 4.227 | 158.9E6  | 223.6E6  | 52.825  | 56.185     |
| 6)                          | B beta-BHC      | 4.532 | 3.908 | 77619494 | 96275265 | 51.413  | 54.122     |
| 7)                          | B delta-BHC     | 4.779 | 4.137 | 171.0E6  | 232.0E6  | 51.669  | 54.387     |
| 8)                          | B Heptachlo...  | 5.691 | 4.729 | 139.6E6  | 203.1E6  | 50.278  | 55.762     |
| 9)                          | A Endosulfan I  | 6.075 | 5.099 | 126.6E6  | 186.8E6  | 52.000  | 55.889     |
| 10)                         | B gamma-Chl...  | 5.946 | 4.980 | 136.4E6  | 207.1E6  | 52.953  | 55.886     |
| 11)                         | B alpha-Chl...  | 6.025 | 5.043 | 135.7E6  | 202.7E6  | 52.367  | 55.843     |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.232 | 121.5E6  | 196.8E6  | 51.931  | 54.975     |
| 13)                         | MA Dieldrin     | 6.350 | 5.364 | 133.9E6  | 207.0E6  | 52.227  | 56.160     |
| 14)                         | MA Endrin       | 6.580 | 5.639 | 102.0E6  | 157.0E6  | 48.614  | 49.214     |
| 15)                         | B Endosulfa...  | 6.800 | 5.934 | 114.1E6  | 176.5E6  | 52.343  | 55.708     |
| 16)                         | A 4,4'-DDD      | 6.715 | 5.787 | 101.6E6  | 166.3E6  | 55.429  | 59.313     |
| 17)                         | MA 4,4'-DDT     | 7.029 | 6.038 | 85281094 | 132.9E6  | 44.237  | 44.886     |
| 18)                         | B Endrin al...  | 6.929 | 6.113 | 94390911 | 143.0E6  | 52.247  | 54.532     |
| 19)                         | B Endosulfa...  | 7.164 | 6.337 | 108.0E6  | 167.5E6  | 52.103  | 55.093     |
| 20)                         | A Methoxychlor  | 7.505 | 6.612 | 46402779 | 69745919 | 44.410  | 45.677     |
| 21)                         | B Endrin ke...  | 7.649 | 6.842 | 125.2E6  | 202.5E6  | 55.174  | 60.313     |
| 22)                         | Mirex           | 8.121 | 7.022 | 97265177 | 152.7E6  | 53.849  | 56.852     |
| 23)                         | Chlordane-1     | 0.000 | 3.766 | 0        | 26978    | N.D.    | 0.232 #    |
| 24)                         | Chlordane-2     | 0.000 | 4.365 | 0        | 390869   | N.D.    | 2.917 #    |
| 25)                         | Chlordane-3     | 5.946 | 4.980 | 136.4E6  | 207.1E6  | 357.859 | 515.318 #  |
| 26)                         | Chlordane-4     | 6.025 | 5.043 | 135.7E6  | 202.7E6  | 291.909 | 519.734 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.934 | 0        | 176.5E6  | N.D.    | 1288.372 # |
| -----                       |                 |       |       |          |          |         |            |

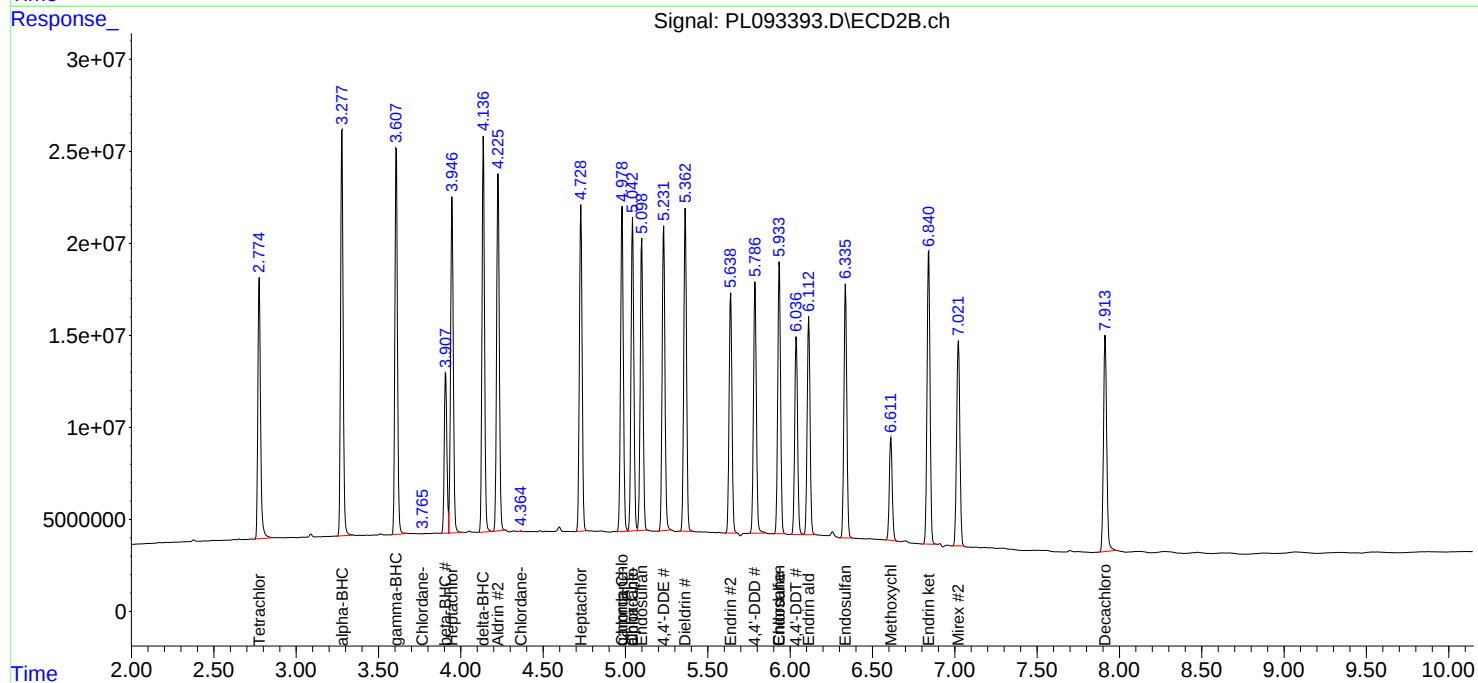
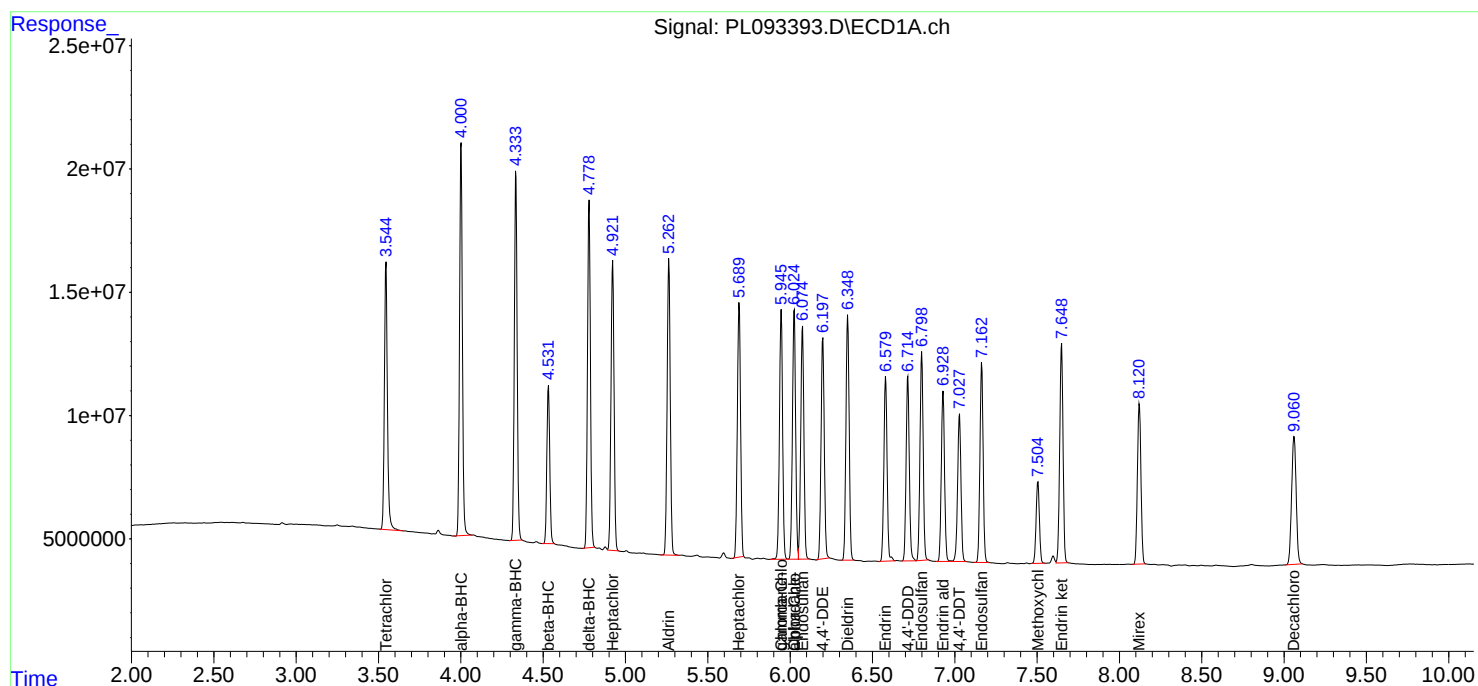
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

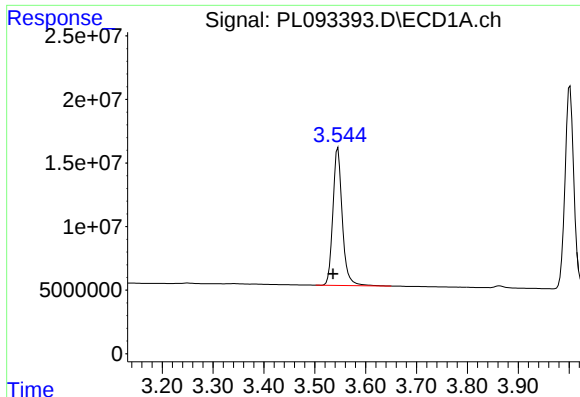
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121624\  
Data File : PL093393.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Dec 2024 16:25  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 00:19:38 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 25 15:18:43 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

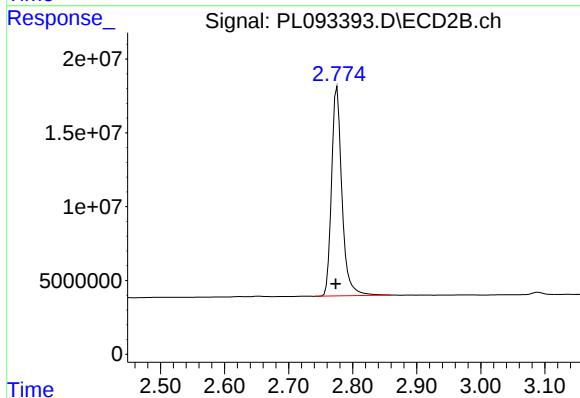




#1 Tetrachloro-m-xylene

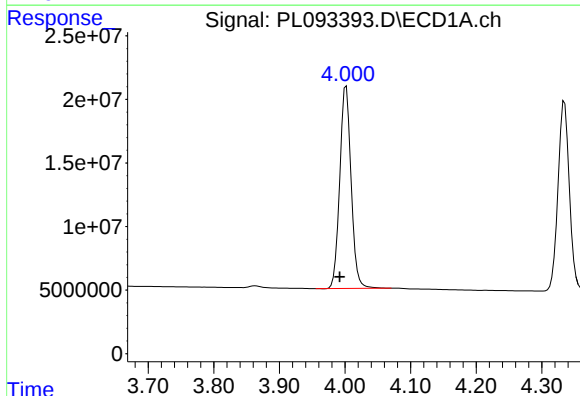
R.T.: 3.546 min  
Delta R.T.: 0.010 min  
Response: 138377872  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



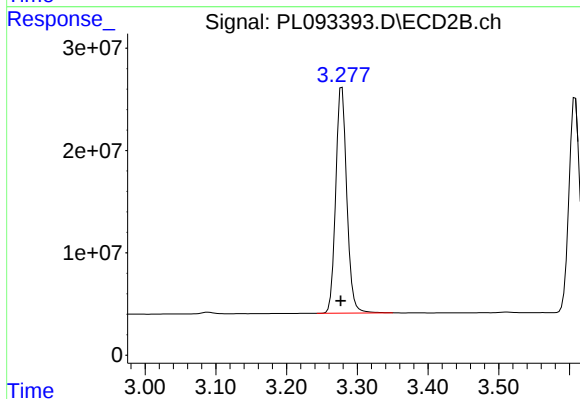
#1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: 0.002 min  
Response: 160023869  
Conc: 55.49 ng/ml



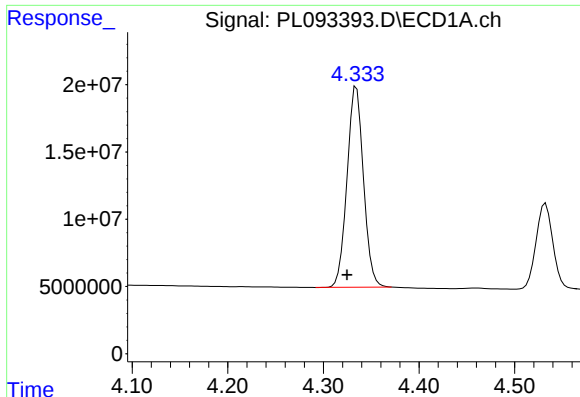
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.010 min  
Response: 191608042  
Conc: 53.70 ng/ml



#2 alpha-BHC

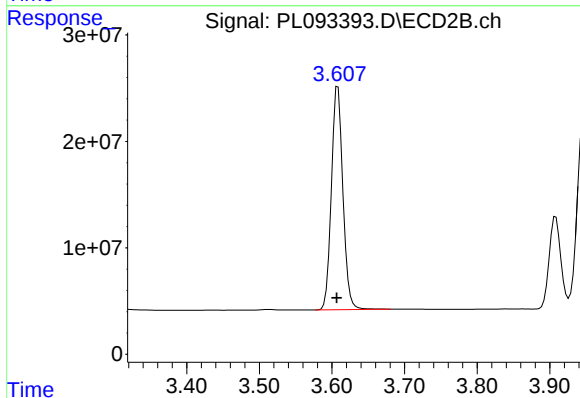
R.T.: 3.278 min  
Delta R.T.: 0.002 min  
Response: 240094130  
Conc: 56.24 ng/ml



#3 gamma-BHC (Lindane)

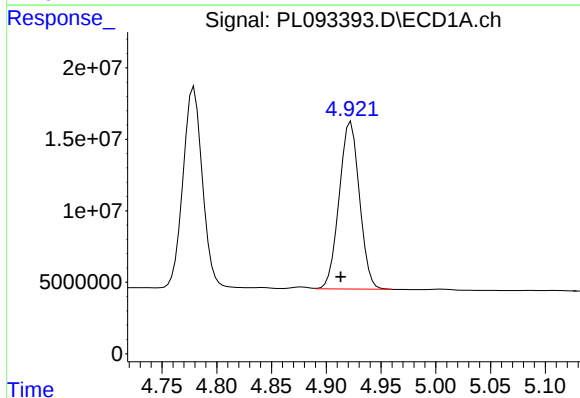
R.T.: 4.335 min  
Delta R.T.: 0.010 min  
Response: 179230730  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



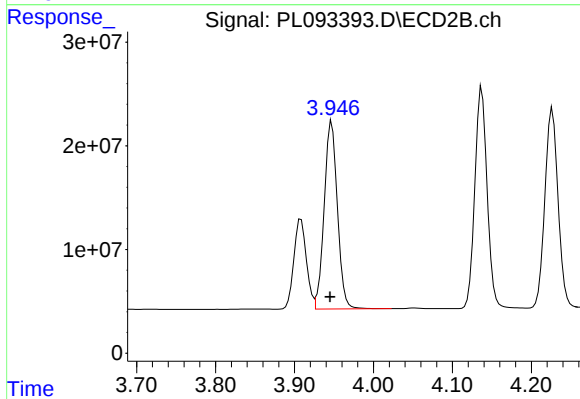
#3 gamma-BHC (Lindane)

R.T.: 3.608 min  
Delta R.T.: 0.002 min  
Response: 231787237  
Conc: 55.99 ng/ml



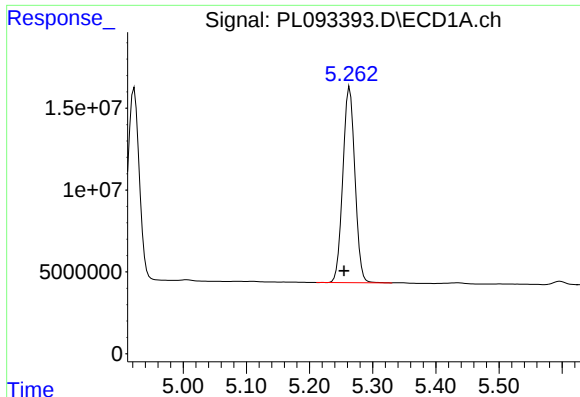
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.009 min  
Response: 150475013  
Conc: 49.24 ng/ml



#4 Heptachlor

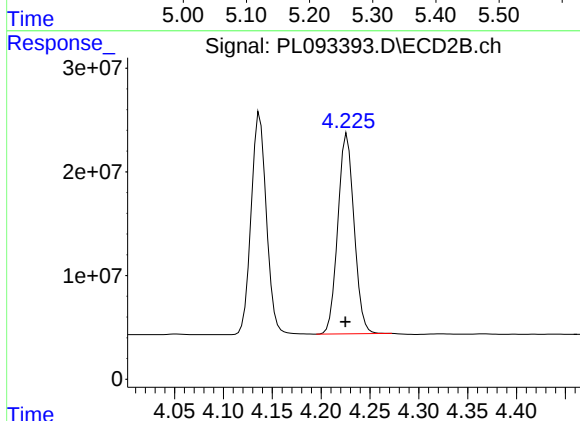
R.T.: 3.947 min  
Delta R.T.: 0.002 min  
Response: 211060623  
Conc: 52.17 ng/ml



#5 Aldrin

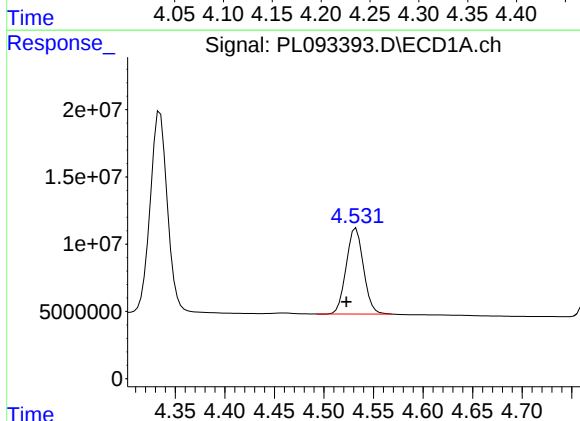
R.T.: 5.264 min  
Delta R.T.: 0.009 min  
Response: 158853581  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



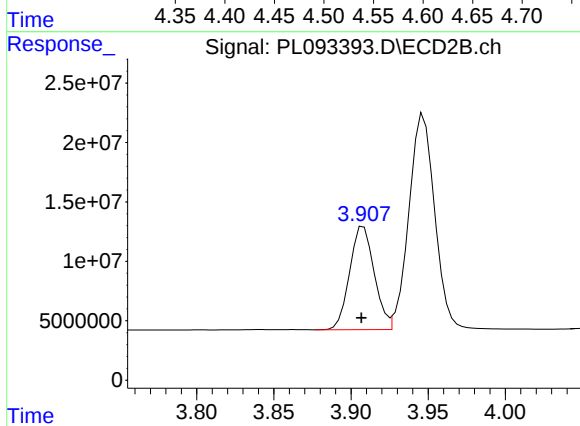
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: 0.002 min  
Response: 223550240  
Conc: 56.18 ng/ml



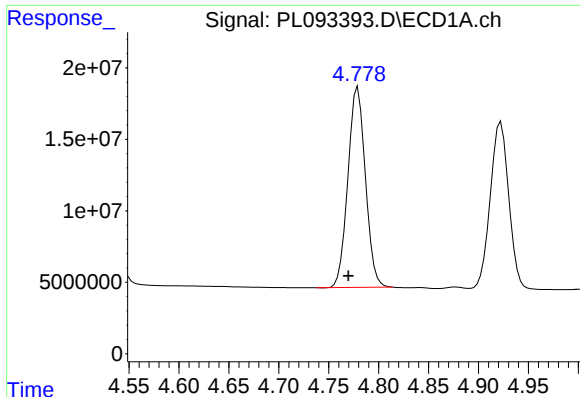
#6 beta-BHC

R.T.: 4.532 min  
Delta R.T.: 0.010 min  
Response: 77619494  
Conc: 51.41 ng/ml



#6 beta-BHC

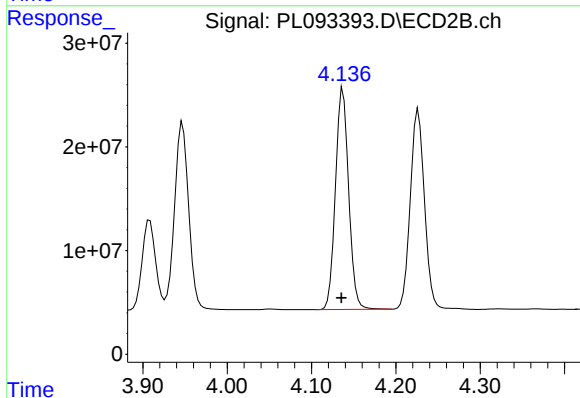
R.T.: 3.908 min  
Delta R.T.: 0.001 min  
Response: 96275265  
Conc: 54.12 ng/ml



#7 delta-BHC

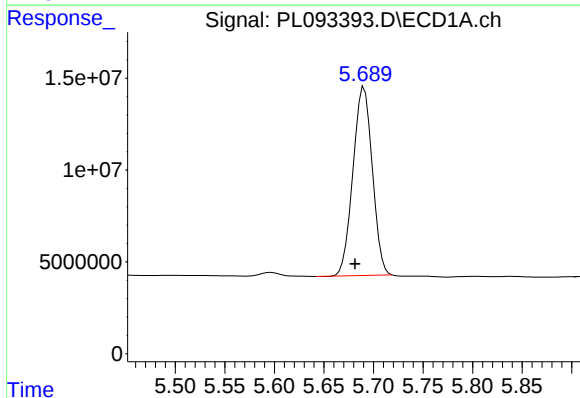
R.T.: 4.779 min  
Delta R.T.: 0.009 min  
Response: 170953661  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



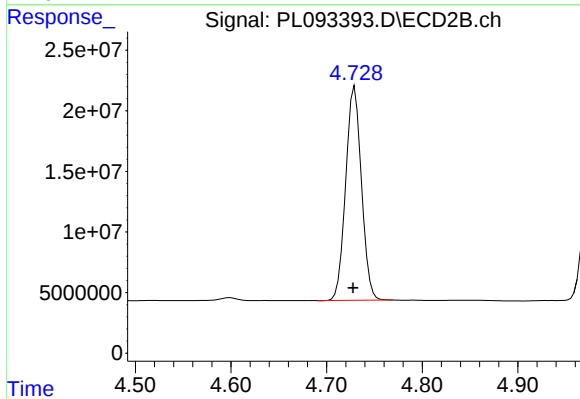
#7 delta-BHC

R.T.: 4.137 min  
Delta R.T.: 0.002 min  
Response: 232042044  
Conc: 54.39 ng/ml



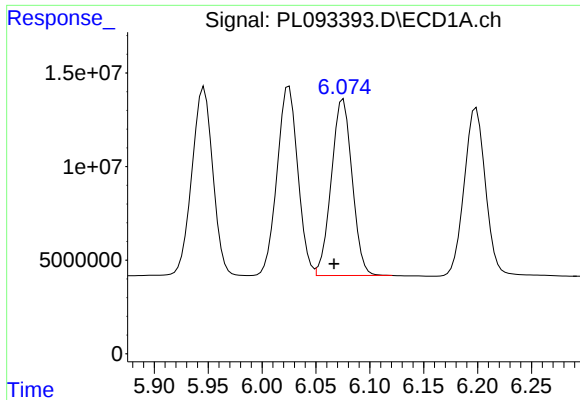
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: 0.009 min  
Response: 139607174  
Conc: 50.28 ng/ml



#8 Heptachlor epoxide

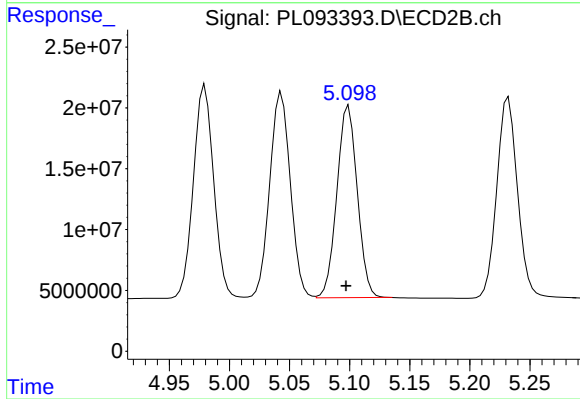
R.T.: 4.729 min  
Delta R.T.: 0.002 min  
Response: 203095575  
Conc: 55.76 ng/ml



#9 Endosulfan I

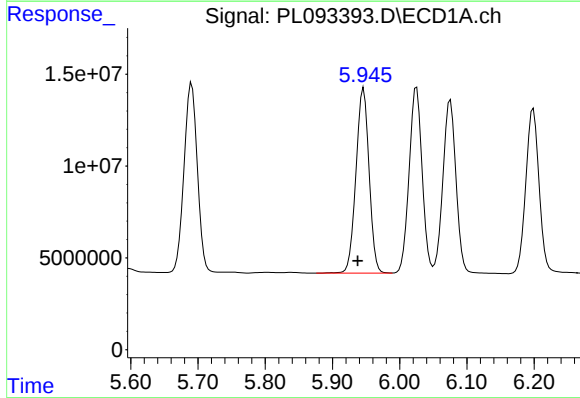
R.T.: 6.075 min  
Delta R.T.: 0.008 min  
Response: 126578876  
Conc: 52.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



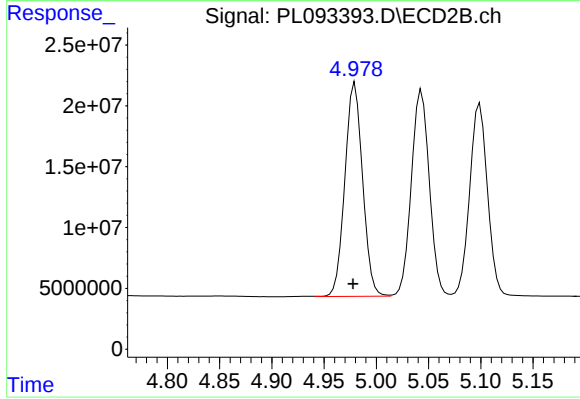
#9 Endosulfan I

R.T.: 5.099 min  
Delta R.T.: 0.002 min  
Response: 186834825  
Conc: 55.89 ng/ml



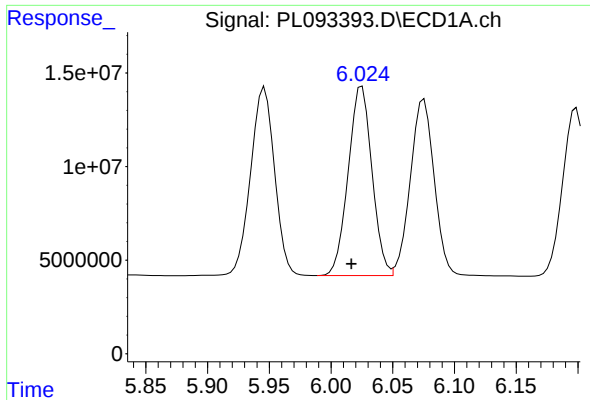
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.009 min  
Response: 136424172  
Conc: 52.95 ng/ml



#10 gamma-Chlordane

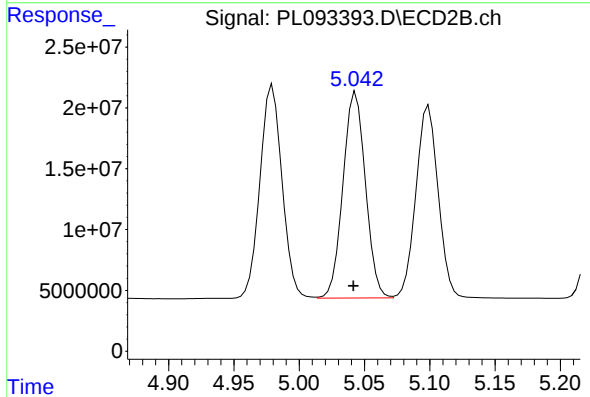
R.T.: 4.980 min  
Delta R.T.: 0.002 min  
Response: 207062110  
Conc: 55.89 ng/ml



#11 alpha-Chlordane

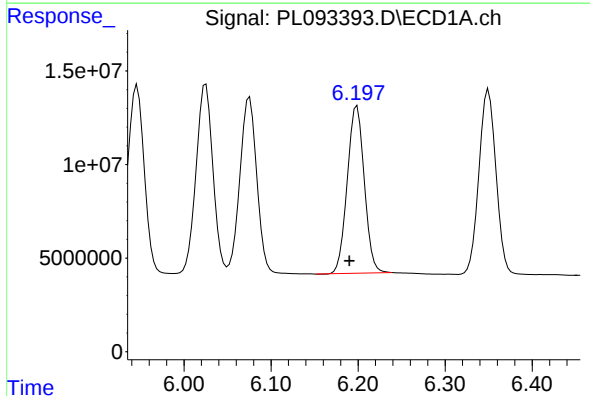
R.T.: 6.025 min  
Delta R.T.: 0.009 min  
Response: 135686152  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



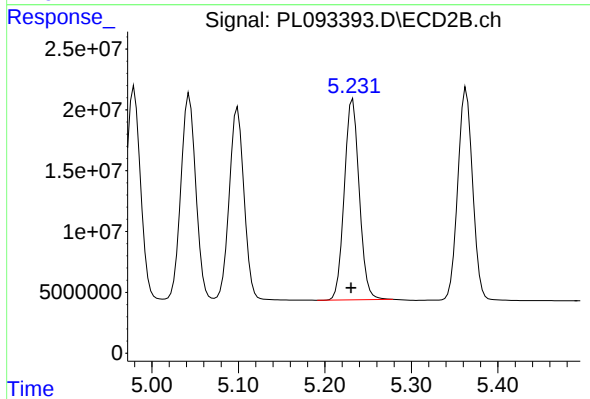
#11 alpha-Chlordane

R.T.: 5.043 min  
Delta R.T.: 0.002 min  
Response: 202722912  
Conc: 55.84 ng/ml



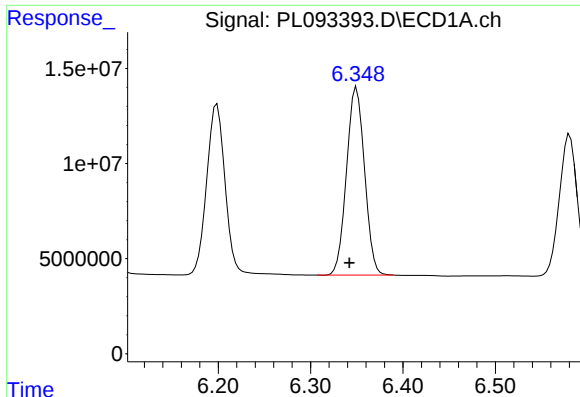
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.009 min  
Response: 121483070  
Conc: 51.93 ng/ml



#12 4,4'-DDE

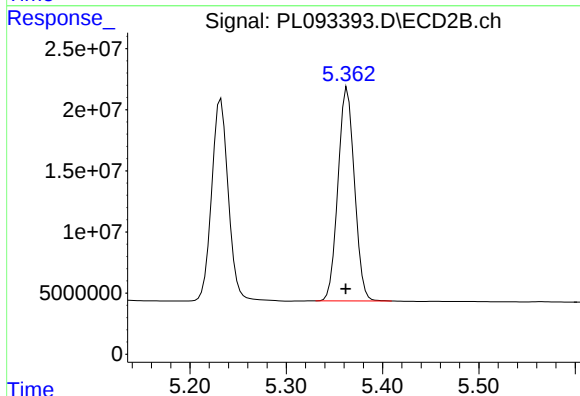
R.T.: 5.232 min  
Delta R.T.: 0.002 min  
Response: 196810904  
Conc: 54.97 ng/ml



#13 Dieldrin

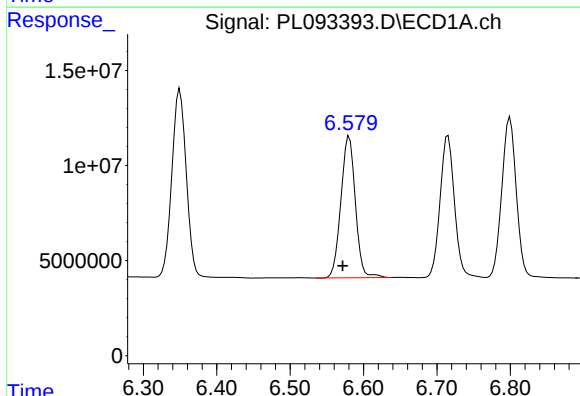
R.T.: 6.350 min  
Delta R.T.: 0.008 min  
Response: 133866621  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



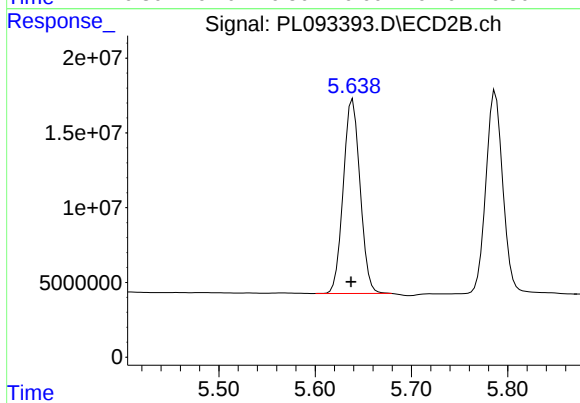
#13 Dieldrin

R.T.: 5.364 min  
Delta R.T.: 0.002 min  
Response: 206976608  
Conc: 56.16 ng/ml



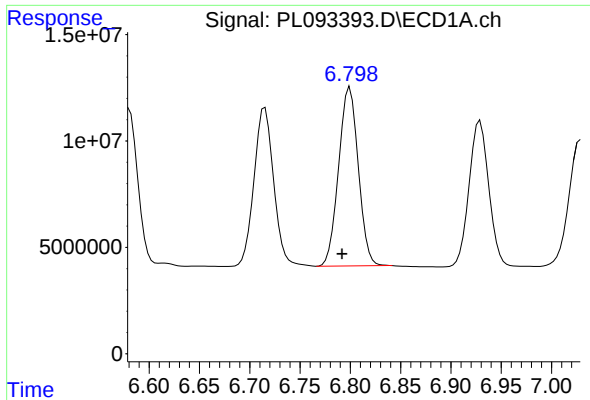
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: 0.009 min  
Response: 101966355  
Conc: 48.61 ng/ml



#14 Endrin

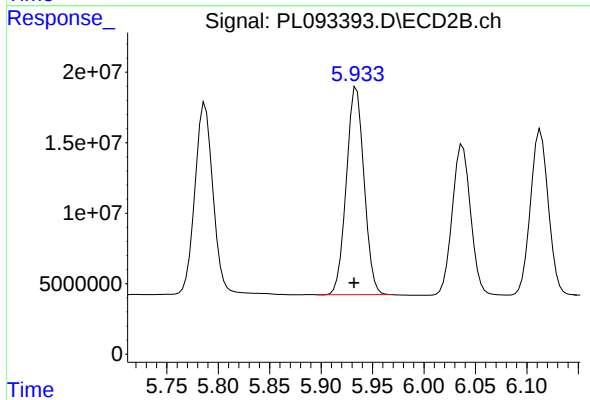
R.T.: 5.639 min  
Delta R.T.: 0.002 min  
Response: 156955811  
Conc: 49.21 ng/ml



#15 Endosulfan II

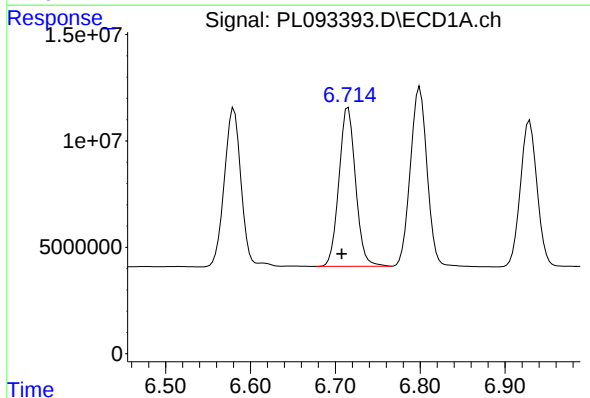
R.T.: 6.800 min  
Delta R.T.: 0.008 min  
Response: 114132583  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



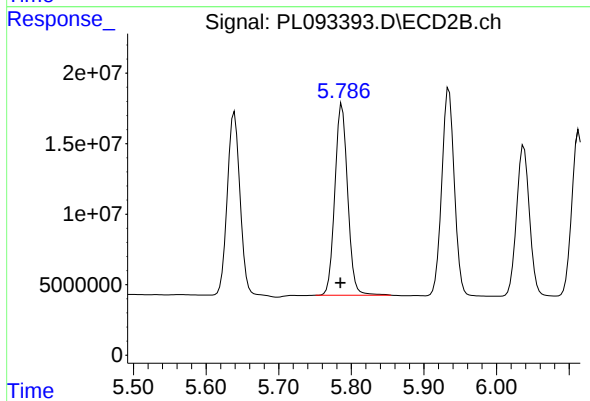
#15 Endosulfan II

R.T.: 5.934 min  
Delta R.T.: 0.003 min  
Response: 176538580  
Conc: 55.71 ng/ml



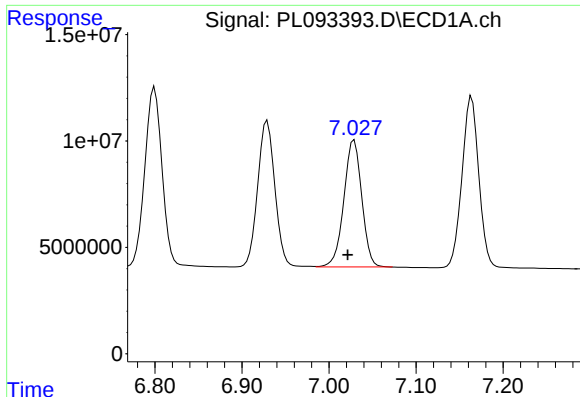
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.007 min  
Response: 101561952  
Conc: 55.43 ng/ml



#16 4,4'-DDD

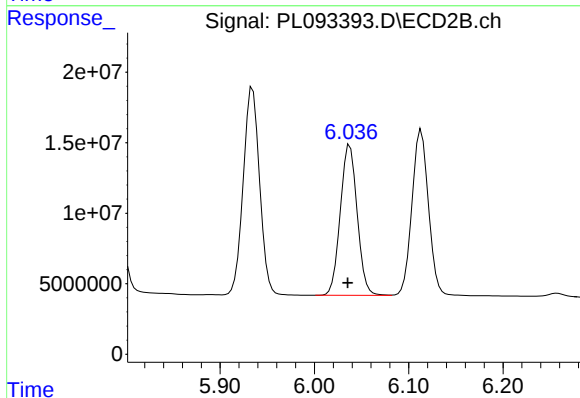
R.T.: 5.787 min  
Delta R.T.: 0.002 min  
Response: 166279636  
Conc: 59.31 ng/ml



#17 4,4'-DDT

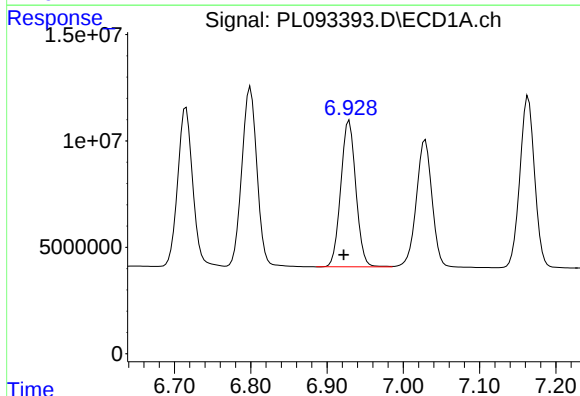
R.T.: 7.029 min  
Delta R.T.: 0.007 min  
Response: 85281094  
Conc: 44.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



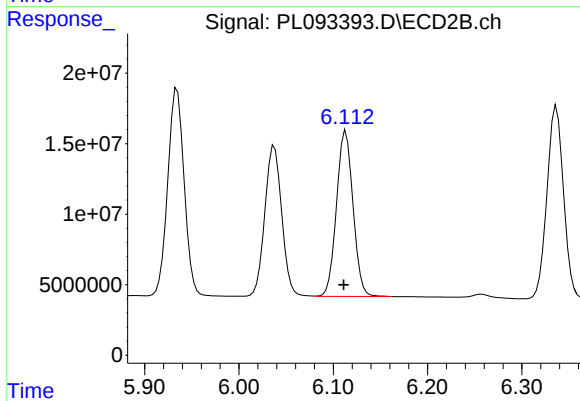
#17 4,4'-DDT

R.T.: 6.038 min  
Delta R.T.: 0.002 min  
Response: 132942424  
Conc: 44.89 ng/ml



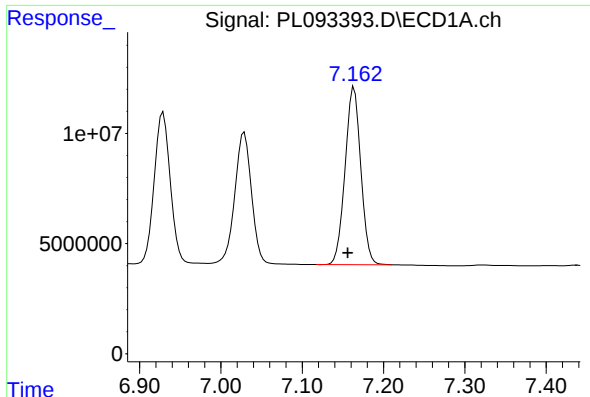
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.007 min  
Response: 94390911  
Conc: 52.25 ng/ml



#18 Endrin aldehyde

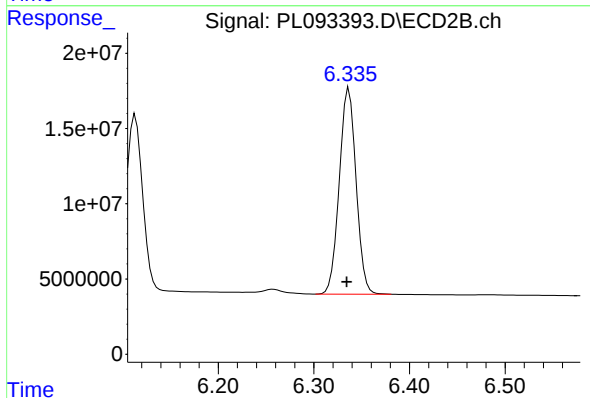
R.T.: 6.113 min  
Delta R.T.: 0.002 min  
Response: 143001240  
Conc: 54.53 ng/ml



#19 Endosulfan Sulfate

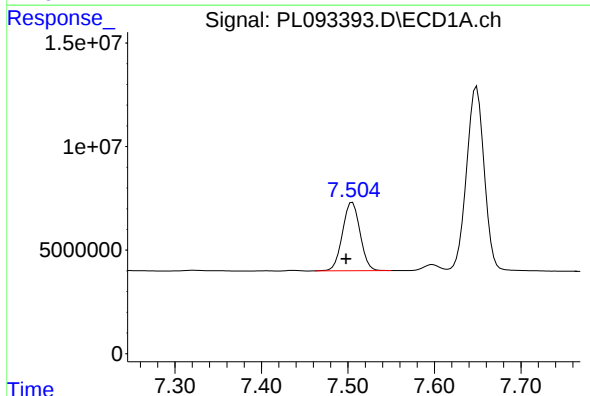
R.T.: 7.164 min  
Delta R.T.: 0.008 min  
Response: 107992678  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



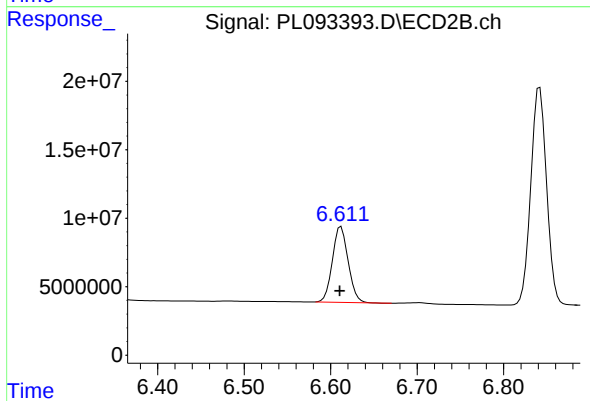
#19 Endosulfan Sulfate

R.T.: 6.337 min  
Delta R.T.: 0.002 min  
Response: 167465361  
Conc: 55.09 ng/ml



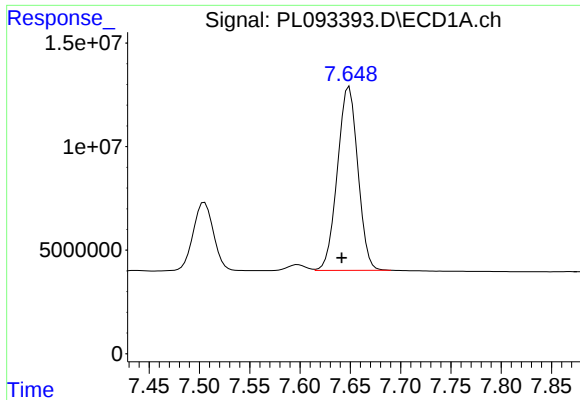
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.007 min  
Response: 46402779  
Conc: 44.41 ng/ml



#20 Methoxychlor

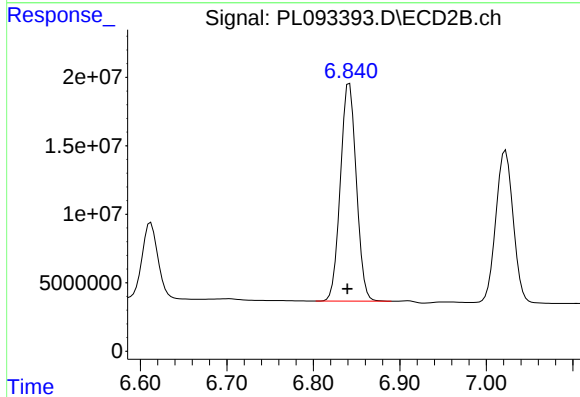
R.T.: 6.612 min  
Delta R.T.: 0.002 min  
Response: 69745919  
Conc: 45.68 ng/ml



#21 Endrin ketone

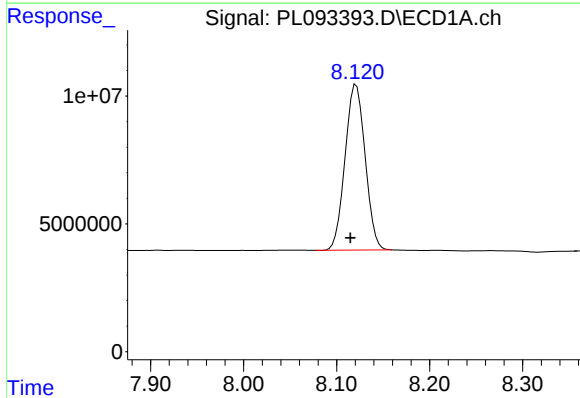
R.T.: 7.649 min  
Delta R.T.: 0.007 min  
Response: 125203235  
Conc: 55.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



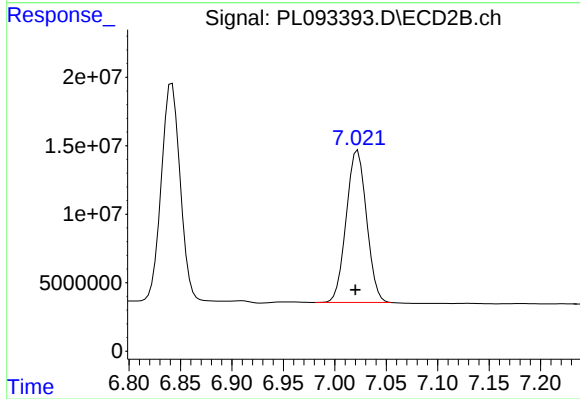
#21 Endrin ketone

R.T.: 6.842 min  
Delta R.T.: 0.003 min  
Response: 202472080  
Conc: 60.31 ng/ml



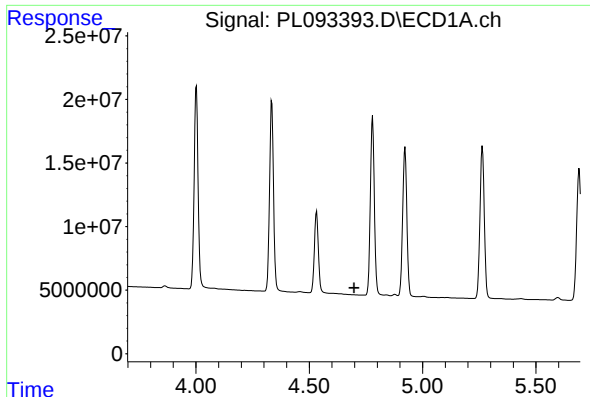
#22 Mirex

R.T.: 8.121 min  
Delta R.T.: 0.006 min  
Response: 97265177  
Conc: 53.85 ng/ml



#22 Mirex

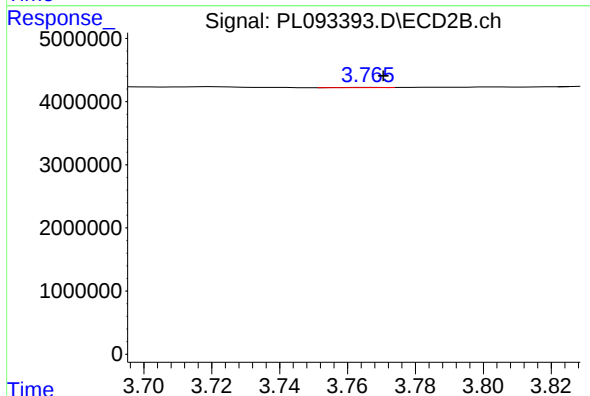
R.T.: 7.022 min  
Delta R.T.: 0.002 min  
Response: 152733900  
Conc: 56.85 ng/ml



#23 Chlordane-1

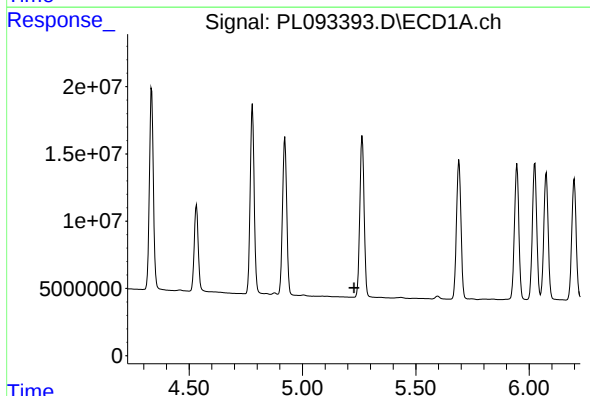
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



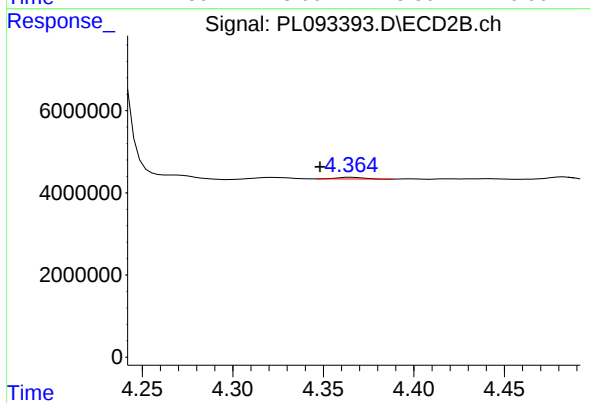
#23 Chlordane-1

R.T.: 3.766 min  
Delta R.T.: -0.004 min  
Response: 26978  
Conc: 0.23 ng/ml



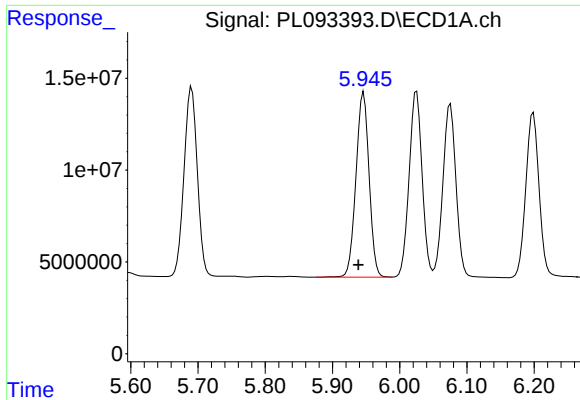
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.228 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

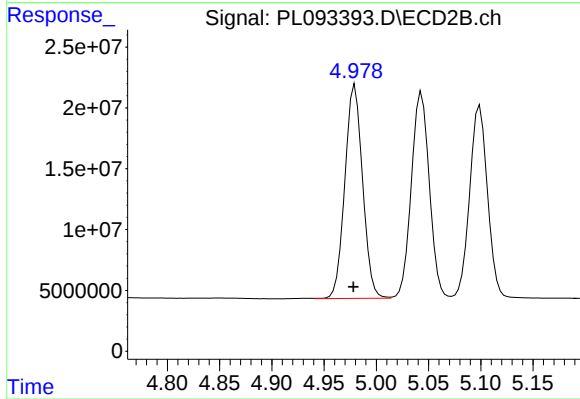
R.T.: 4.365 min  
Delta R.T.: 0.017 min  
Response: 390869  
Conc: 2.92 ng/ml



#25 Chlordane-3

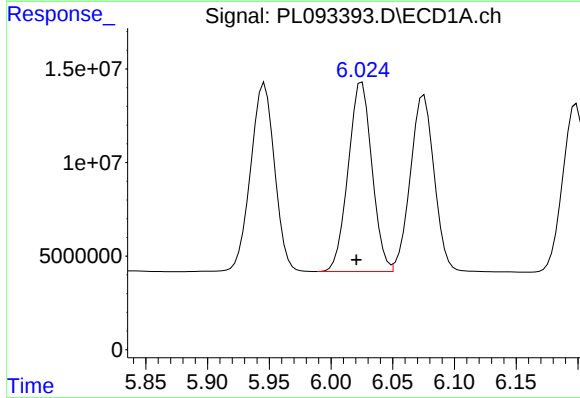
R.T.: 5.946 min  
Delta R.T.: 0.008 min  
Response: 136424172  
Conc: 357.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



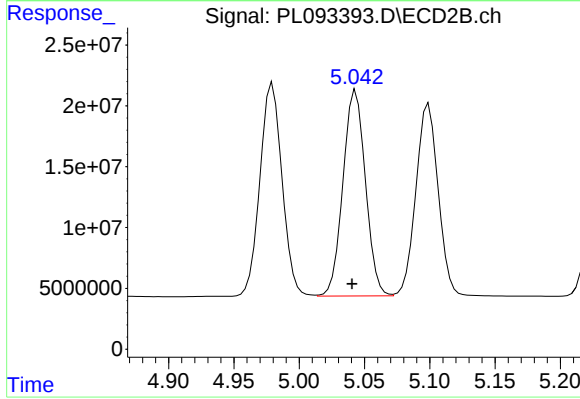
#25 Chlordane-3

R.T.: 4.980 min  
Delta R.T.: 0.002 min  
Response: 207062110  
Conc: 515.32 ng/ml



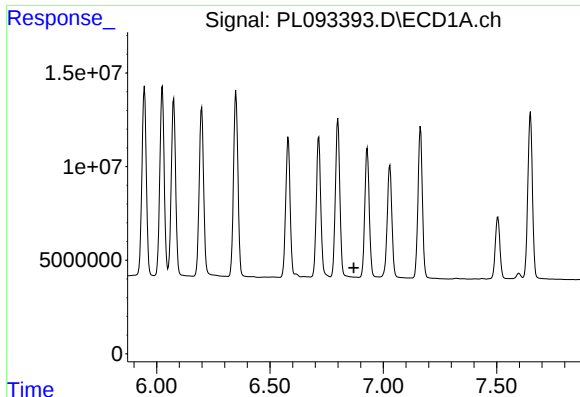
#26 Chlordane-4

R.T.: 6.025 min  
Delta R.T.: 0.005 min  
Response: 135686152  
Conc: 291.91 ng/ml



#26 Chlordane-4

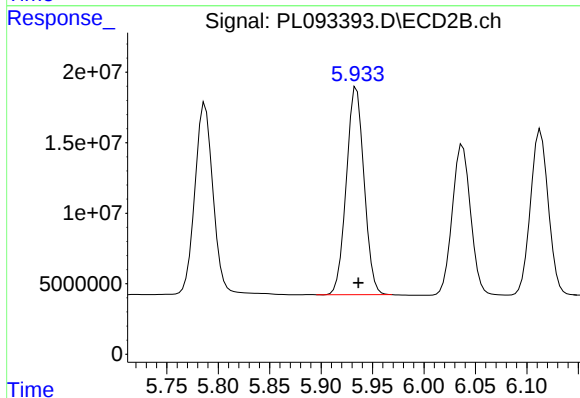
R.T.: 5.043 min  
Delta R.T.: 0.003 min  
Response: 202722912  
Conc: 519.73 ng/ml



#27 Chlordane-5

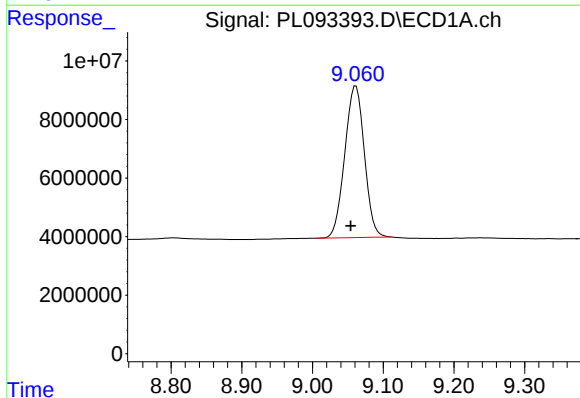
R.T.: 0.000 min  
Exp R.T.: 6.870 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



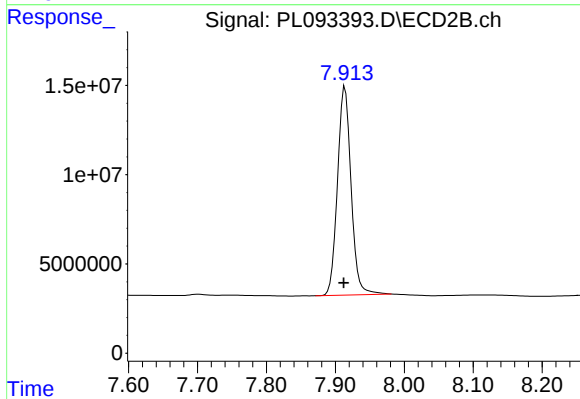
#27 Chlordane-5

R.T.: 5.934 min  
Delta R.T.: -0.002 min  
Response: 176538580  
Conc: 1288.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.007 min  
Response: 99727541  
Conc: 57.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: 0.002 min  
Response: 160312526  
Conc: 56.12 ng/ml