

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
 Data File : PL090960.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2024 08:32  
 Operator : AR\AJ  
 Sample : P3519-17MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OU4-CF-01-080624MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 12 01:56:02 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 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 | 2.787 | 40103624 | 34523347 | 20.712  | 19.969    |
| 28)                         | SA Decachlor... | 9.061 | 7.930 | 29246849 | 31816607 | 20.356  | 19.061    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.001 | 3.291 | 146.7E6  | 139.9E6  | 53.101  | 56.810    |
| 3)                          | MA gamma-BHC... | 4.334 | 3.621 | 134.0E6  | 134.5E6  | 50.954  | 57.442    |
| 4)                          | MA Heptachlor   | 4.923 | 3.961 | 139.0E6  | 132.5E6  | 56.191  | 57.166    |
| 5)                          | MB Aldrin       | 5.265 | 4.241 | 128.7E6  | 123.7E6  | 53.524  | 55.773    |
| 6)                          | B beta-BHC      | 4.530 | 3.920 | 69396465 | 59125844 | 55.125  | 55.588    |
| 7)                          | B delta-BHC     | 4.777 | 4.149 | 133.0E6  | 128.6E6  | 53.137  | 57.528    |
| 8)                          | B Heptachlo...  | 5.690 | 4.745 | 123.9E6  | 113.9E6  | 54.538  | 55.879    |
| 9)                          | A Endosulfan I  | 6.076 | 5.114 | 110.7E6  | 106.3E6  | 52.801  | 55.071    |
| 10)                         | B gamma-Chl...  | 5.946 | 4.994 | 118.8E6  | 117.8E6  | 52.570  | 55.154    |
| 11)                         | B alpha-Chl...  | 6.026 | 5.058 | 118.6E6  | 118.0E6  | 52.940  | 55.294    |
| 12)                         | B 4,4'-DDE      | 6.198 | 5.247 | 107.4E6  | 106.7E6  | 54.201  | 56.886    |
| 13)                         | MA Dieldrin     | 6.351 | 5.379 | 118.0E6  | 115.4E6  | 53.785  | 55.888    |
| 14)                         | MA Endrin       | 6.580 | 5.654 | 98851002 | 104.1E6  | 53.974  | 56.952    |
| 15)                         | B Endosulfa...  | 6.799 | 5.948 | 104.1E6  | 100.5E6  | 51.910  | 55.318    |
| 16)                         | A 4,4'-DDD      | 6.715 | 5.802 | 89479274 | 85279588 | 54.277  | 54.958    |
| 17)                         | MA 4,4'-DDT     | 7.029 | 6.053 | 99546484 | 93425931 | 55.838  | 56.339    |
| 18)                         | B Endrin al...  | 6.929 | 6.128 | 82117927 | 78276330 | 54.526  | 55.287    |
| 19)                         | B Endosulfa...  | 7.164 | 6.351 | 97565952 | 96726439 | 54.396  | 55.409    |
| 20)                         | A Methoxychlor  | 7.504 | 6.628 | 52039425 | 51973100 | 54.535  | 56.307    |
| 21)                         | B Endrin ke...  | 7.648 | 6.857 | 108.5E6  | 110.0E6  | 54.754  | 55.499    |
| 22)                         | Mirex           | 8.122 | 7.038 | 84098218 | 91174530 | 54.100  | 54.293    |
| 23)                         | Chlordane-1     | 0.000 | 3.801 | 0        | 1108015  | N.D.    | 16.434 #  |
| 24)                         | Chlordane-2     | 0.000 | 4.379 | 0        | 2123162  | N.D.    | 25.527 #  |
| 25)                         | Chlordane-3     | 5.946 | 4.994 | 118.8E6  | 117.8E6  | 361.208 | 525.998 # |
| 26)                         | Chlordane-4     | 6.026 | 5.058 | 118.6E6  | 118.0E6  | 295.858 | 551.390 # |
| 27)                         | Chlordane-5     | 0.000 | 5.734 | 0        | 175284   | N.D.    | 2.623 #   |
| -----                       |                 |       |       |          |          |         |           |

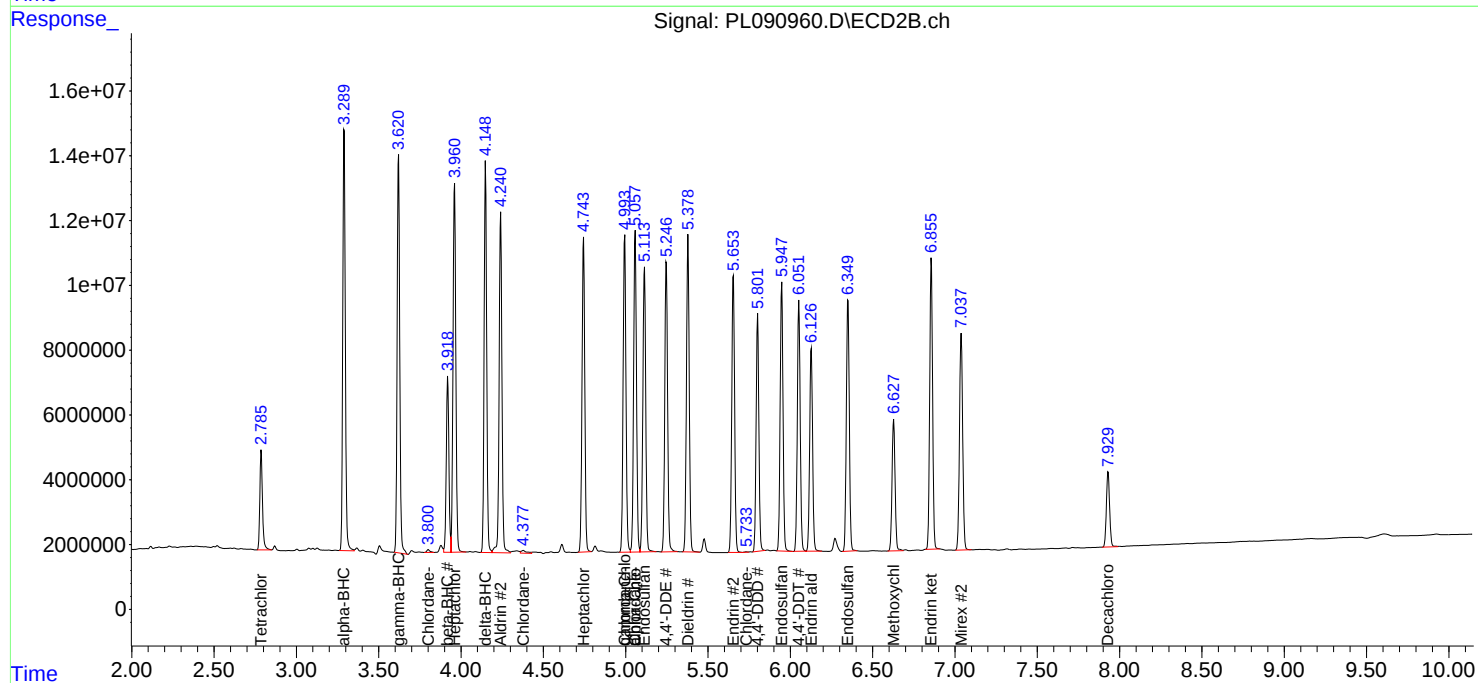
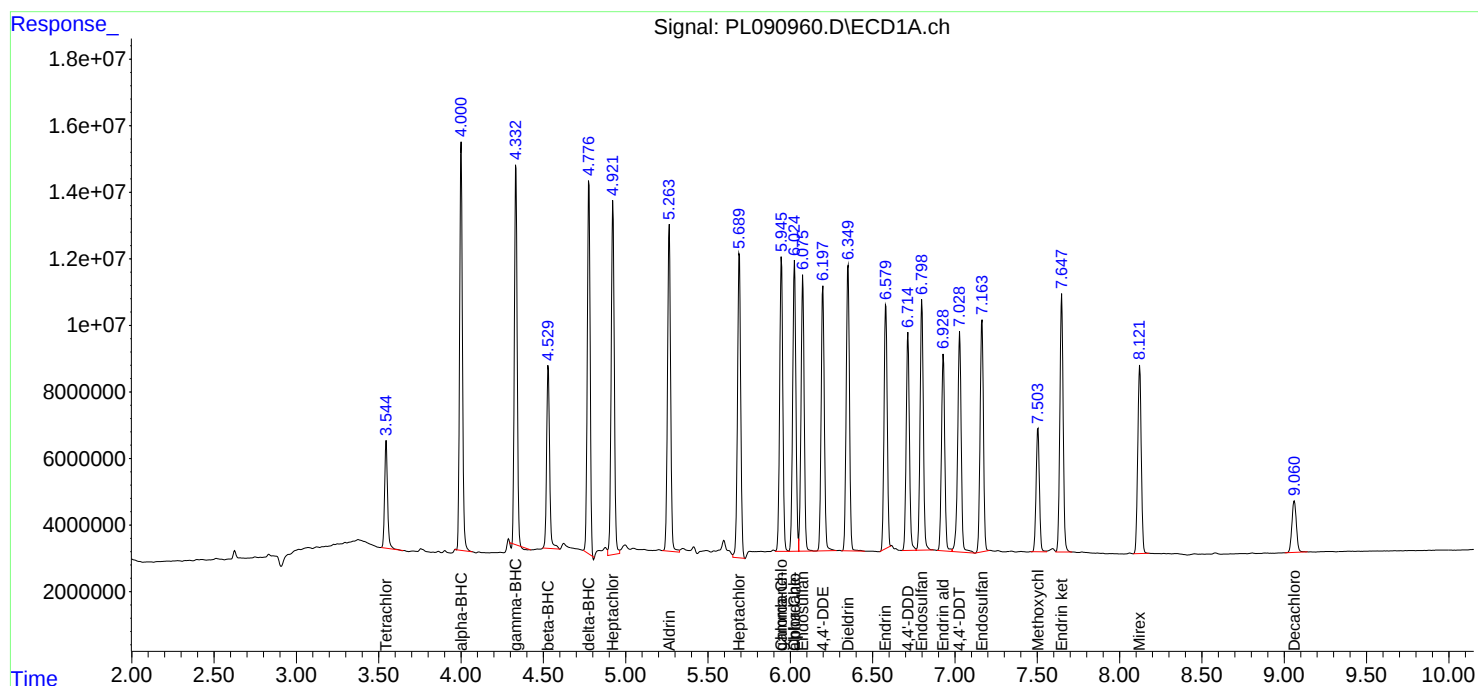
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

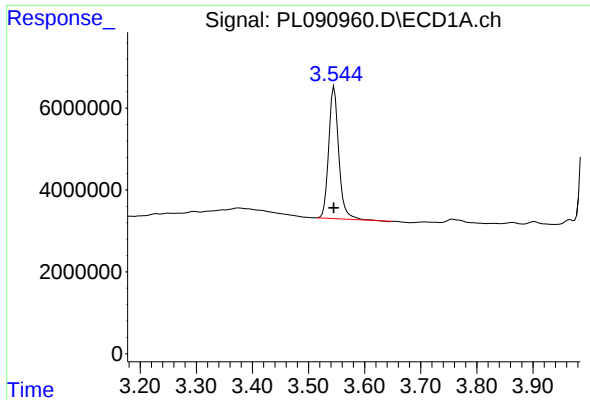
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081124\  
Data File : PL090960.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2024 08:32  
Operator : AR\AJ  
Sample : P3519-17MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 12 01:56:02 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 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

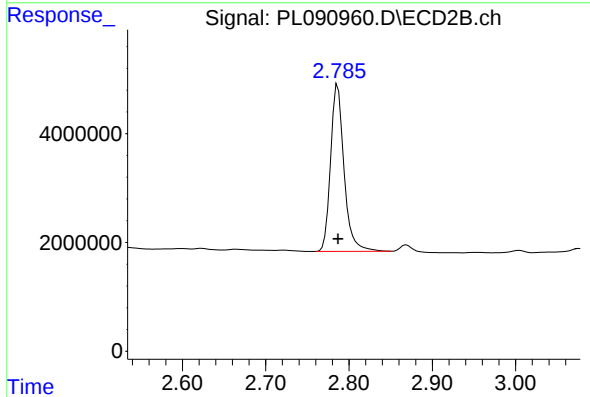




#1 Tetrachloro-m-xylene

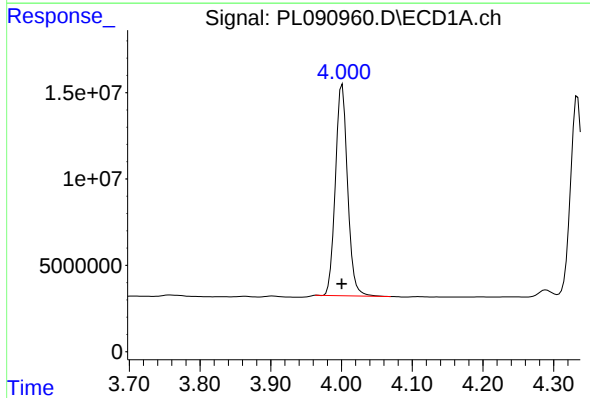
R.T.: 3.546 min  
Delta R.T.: 0.000 min  
Response: 40103624  
Conc: 20.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



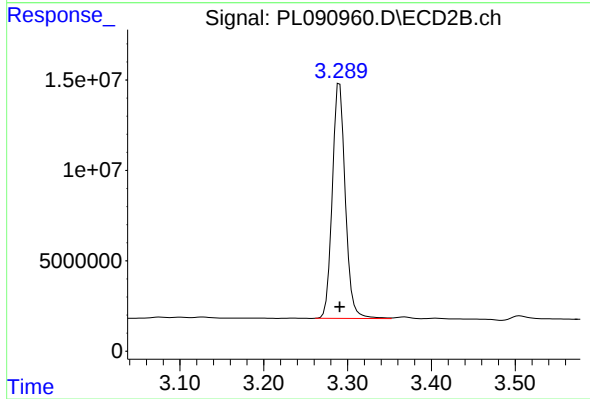
#1 Tetrachloro-m-xylene

R.T.: 2.787 min  
Delta R.T.: 0.000 min  
Response: 34523347  
Conc: 19.97 ng/ml



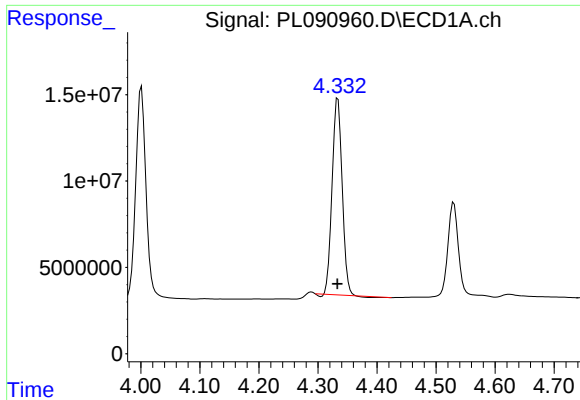
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.000 min  
Response: 146676064  
Conc: 53.10 ng/ml



#2 alpha-BHC

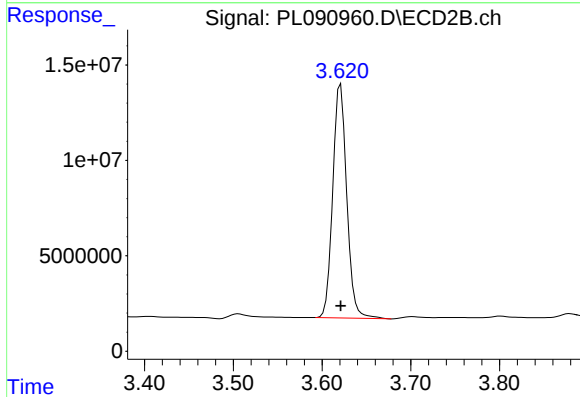
R.T.: 3.291 min  
Delta R.T.: 0.000 min  
Response: 139948884  
Conc: 56.81 ng/ml



#3 gamma-BHC (Lindane)

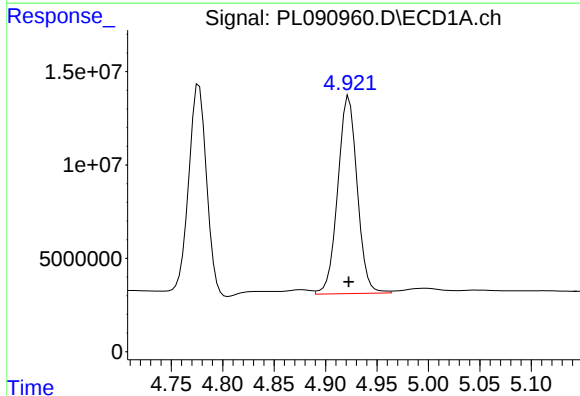
R.T.: 4.334 min  
Delta R.T.: 0.000 min  
Response: 134013251  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



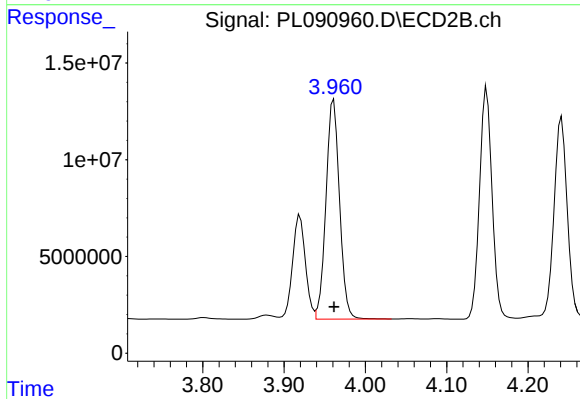
#3 gamma-BHC (Lindane)

R.T.: 3.621 min  
Delta R.T.: 0.000 min  
Response: 134484402  
Conc: 57.44 ng/ml



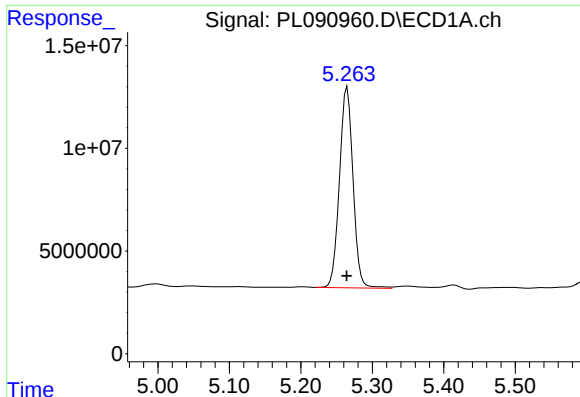
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 138965809  
Conc: 56.19 ng/ml



#4 Heptachlor

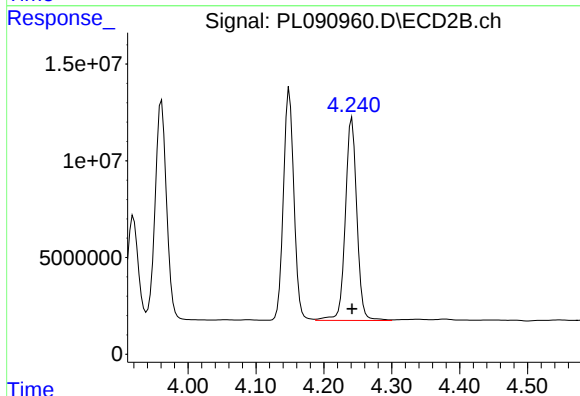
R.T.: 3.961 min  
Delta R.T.: 0.000 min  
Response: 132544363  
Conc: 57.17 ng/ml



#5 Aldrin

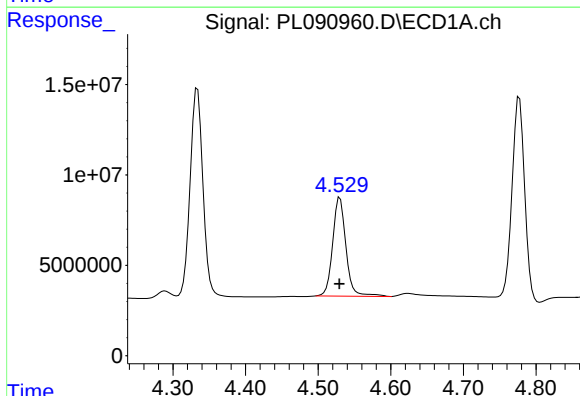
R.T.: 5.265 min  
Delta R.T.: 0.000 min  
Response: 128659991  
Conc: 53.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



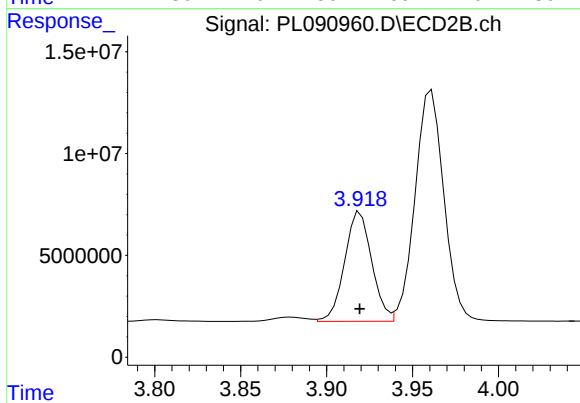
#5 Aldrin

R.T.: 4.241 min  
Delta R.T.: 0.000 min  
Response: 123653827  
Conc: 55.77 ng/ml



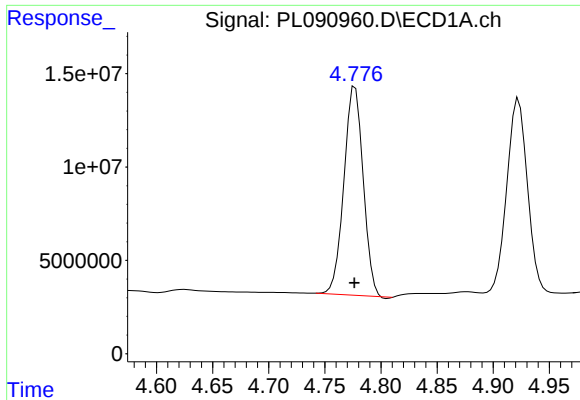
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.001 min  
Response: 69396465  
Conc: 55.12 ng/ml



#6 beta-BHC

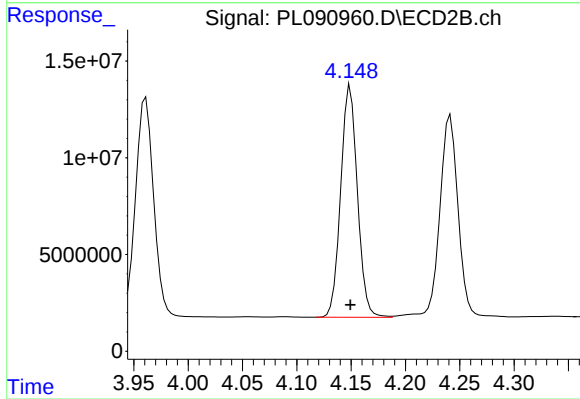
R.T.: 3.920 min  
Delta R.T.: 0.000 min  
Response: 59125844  
Conc: 55.59 ng/ml



#7 delta-BHC

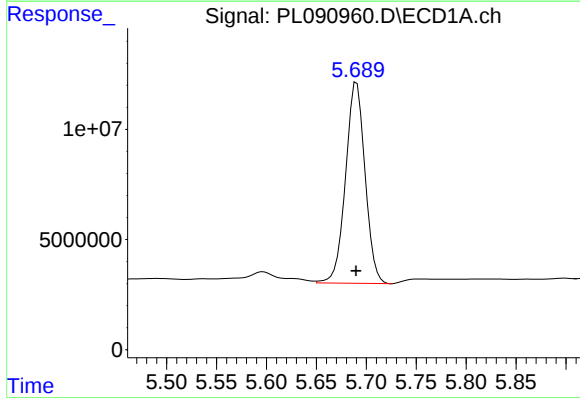
R.T.: 4.777 min  
Delta R.T.: 0.000 min  
Response: 133027633  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



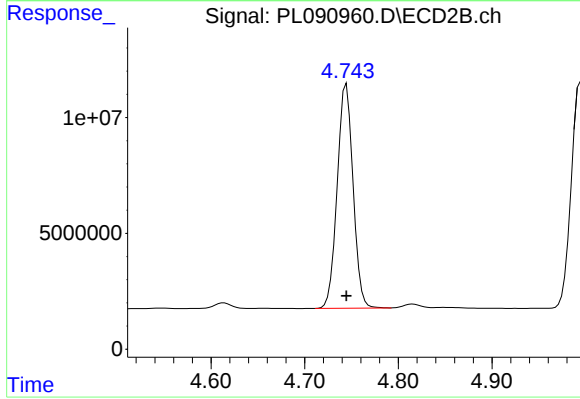
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: 0.000 min  
Response: 128562855  
Conc: 57.53 ng/ml



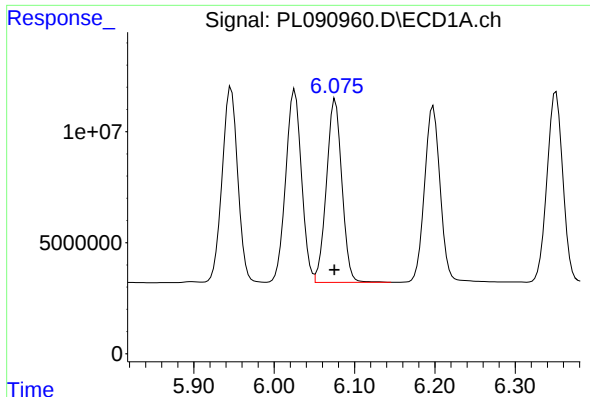
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 123934697  
Conc: 54.54 ng/ml



#8 Heptachlor epoxide

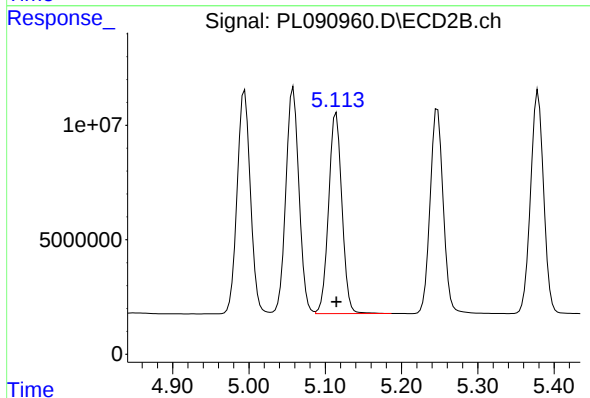
R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 113900475  
Conc: 55.88 ng/ml



#9 Endosulfan I

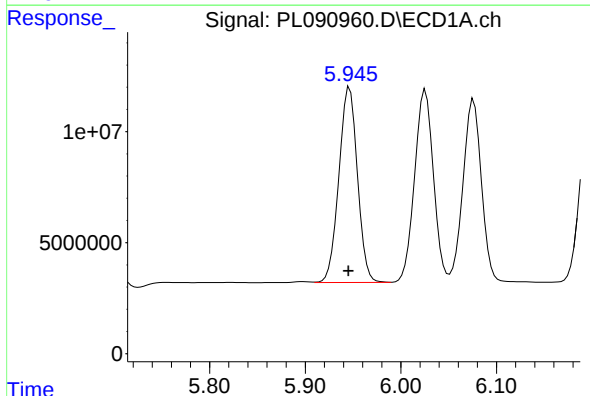
R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 110680490  
Conc: 52.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



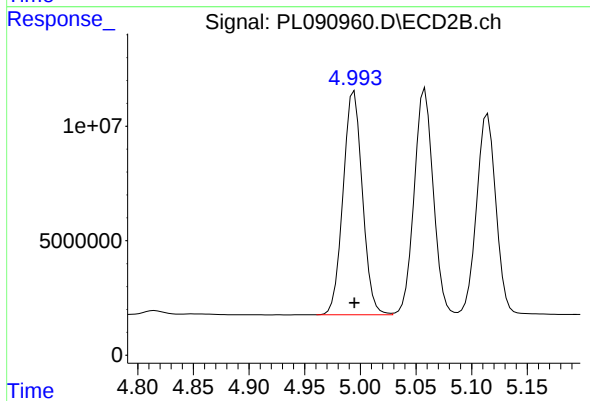
#9 Endosulfan I

R.T.: 5.114 min  
Delta R.T.: 0.000 min  
Response: 106346656  
Conc: 55.07 ng/ml



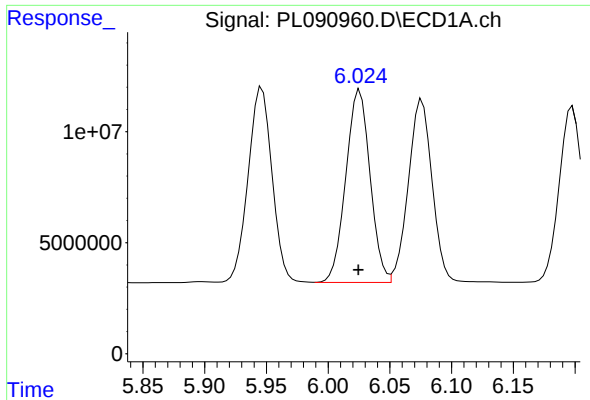
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.001 min  
Response: 118784161  
Conc: 52.57 ng/ml



#10 gamma-Chlordane

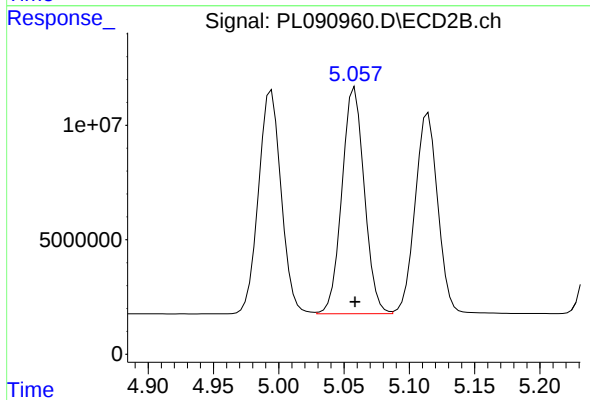
R.T.: 4.994 min  
Delta R.T.: 0.000 min  
Response: 117786664  
Conc: 55.15 ng/ml



#11 alpha-Chlordane

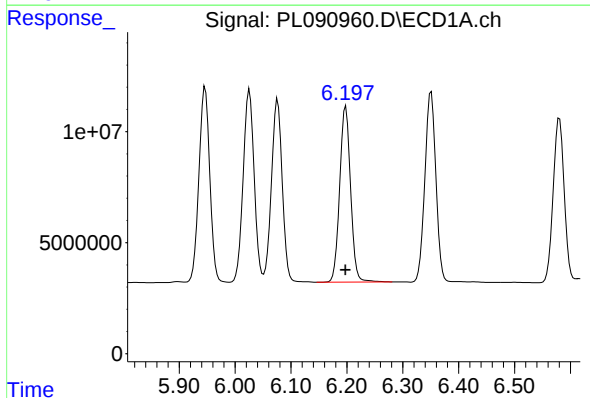
R.T.: 6.026 min  
Delta R.T.: 0.001 min  
Response: 118563201  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



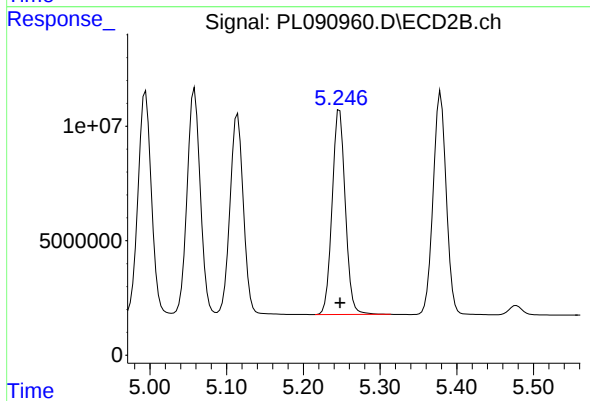
#11 alpha-Chlordane

R.T.: 5.058 min  
Delta R.T.: 0.000 min  
Response: 117974857  
Conc: 55.29 ng/ml



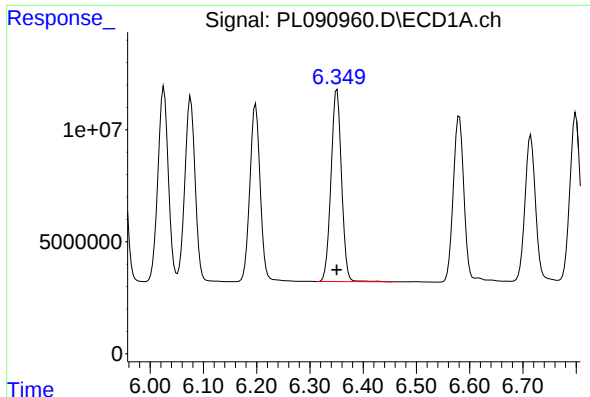
#12 4,4'-DDE

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 107447104  
Conc: 54.20 ng/ml



#12 4,4'-DDE

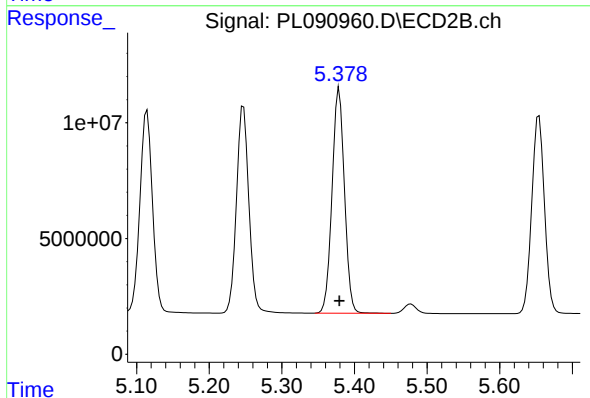
R.T.: 5.247 min  
Delta R.T.: 0.000 min  
Response: 106712704  
Conc: 56.89 ng/ml



#13 Dieldrin

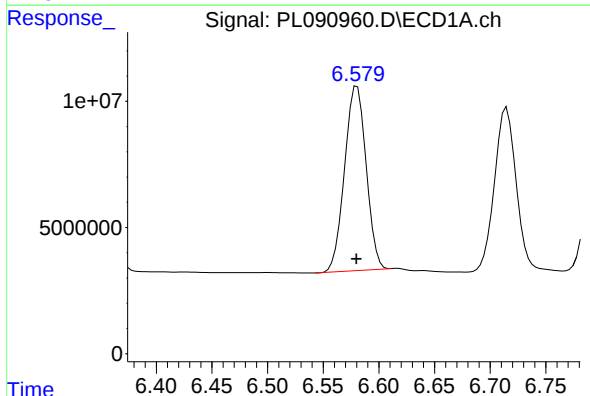
R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 117968477  
Conc: 53.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



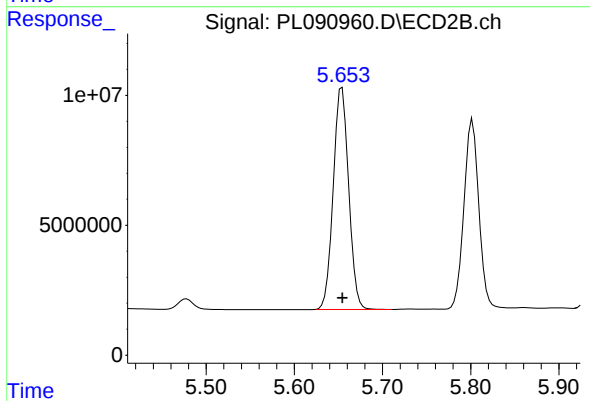
#13 Dieldrin

R.T.: 5.379 min  
Delta R.T.: 0.000 min  
Response: 115394046  
Conc: 55.89 ng/ml



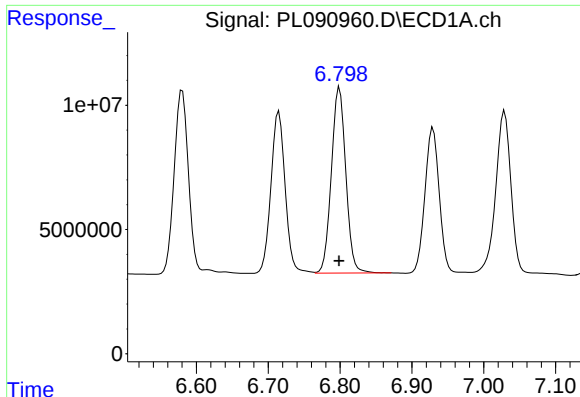
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: 0.000 min  
Response: 98851002  
Conc: 53.97 ng/ml



#14 Endrin

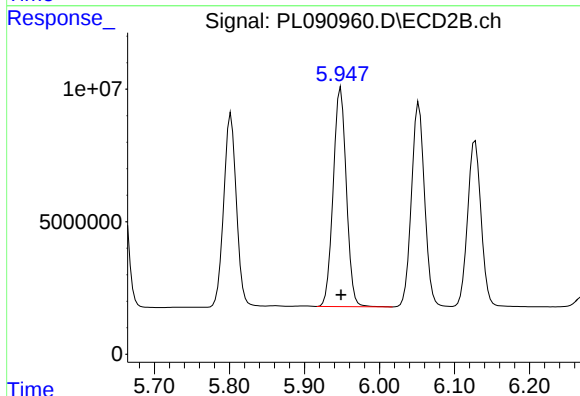
R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 104063899  
Conc: 56.95 ng/ml



#15 Endosulfan II

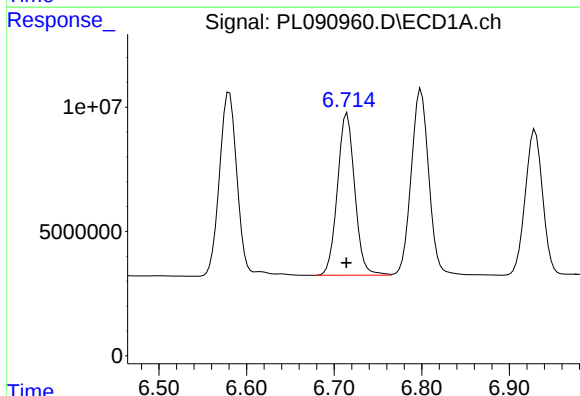
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 104096737  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



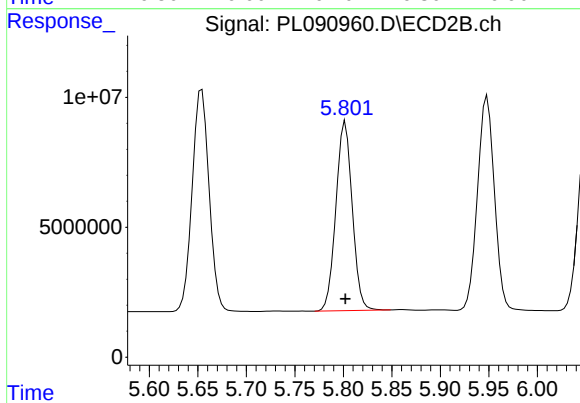
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: 0.000 min  
Response: 100472406  
Conc: 55.32 ng/ml



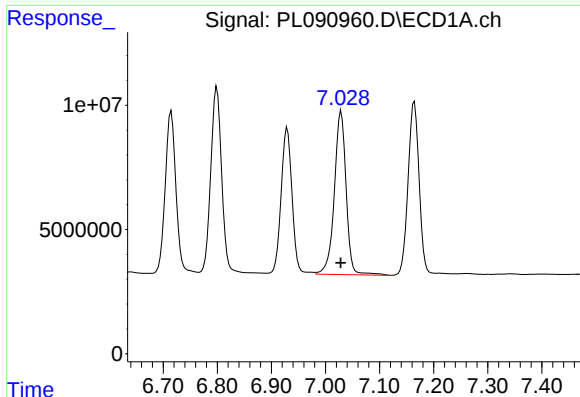
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 89479274  
Conc: 54.28 ng/ml



#16 4,4'-DDD

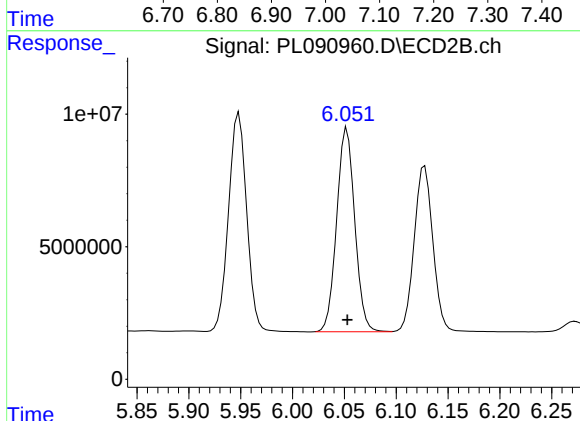
R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 85279588  
Conc: 54.96 ng/ml



#17 4,4'-DDT

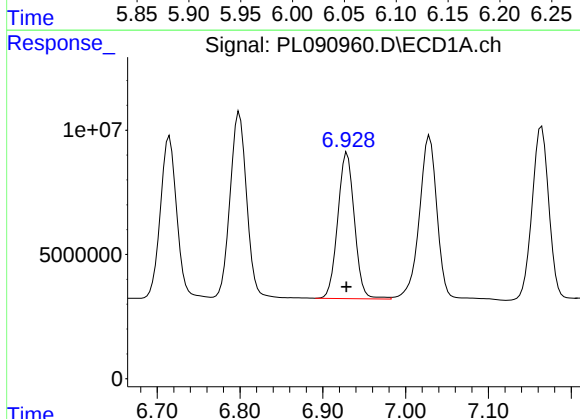
R.T.: 7.029 min  
Delta R.T.: 0.000 min  
Response: 99546484  
Conc: 55.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



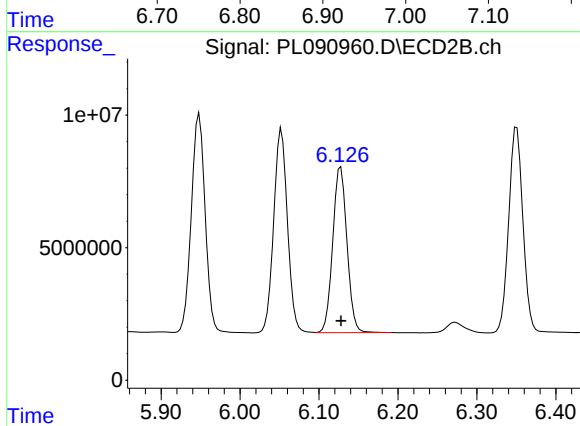
#17 4,4'-DDT

R.T.: 6.053 min  
Delta R.T.: 0.000 min  
Response: 93425931  
Conc: 56.34 ng/ml



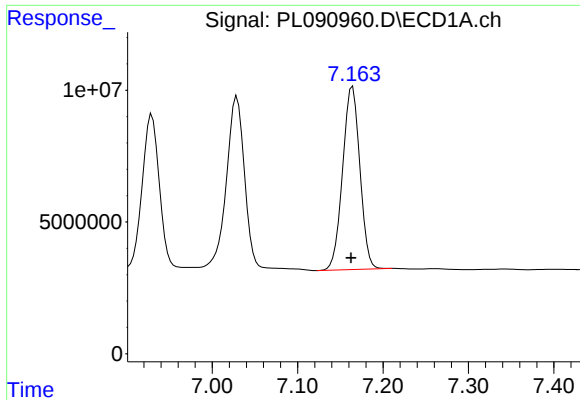
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 82117927  
Conc: 54.53 ng/ml



#18 Endrin aldehyde

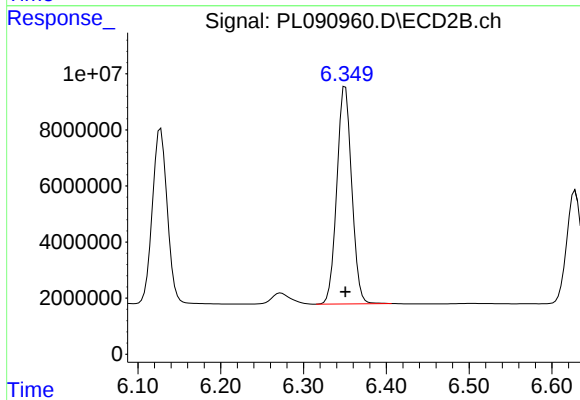
R.T.: 6.128 min  
Delta R.T.: 0.000 min  
Response: 78276330  
Conc: 55.29 ng/ml



#19 Endosulfan Sulfate

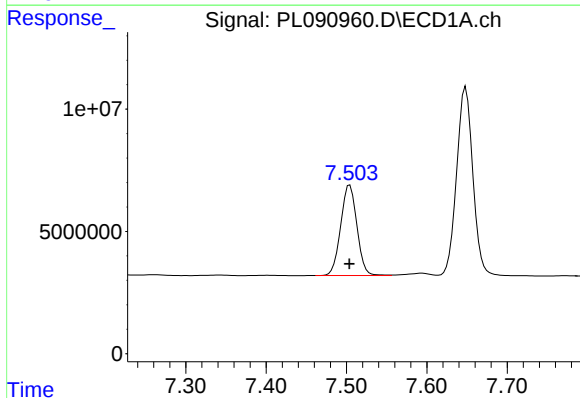
R.T.: 7.164 min  
Delta R.T.: 0.002 min  
Response: 97565952  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



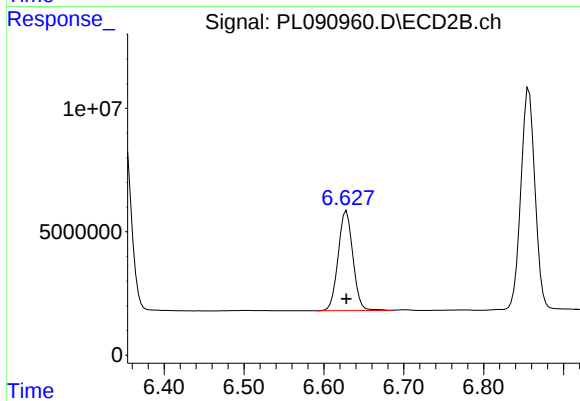
#19 Endosulfan Sulfate

R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 96726439  
Conc: 55.41 ng/ml



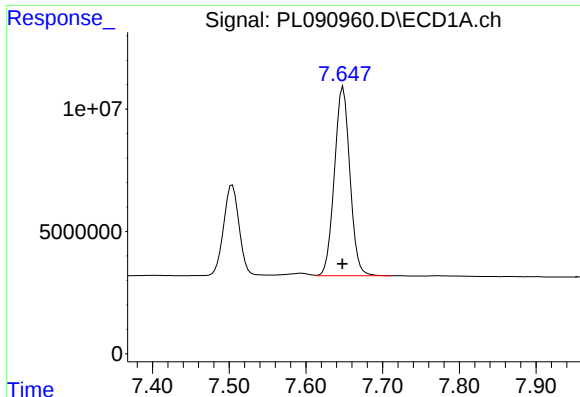
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.000 min  
Response: 52039425  
Conc: 54.53 ng/ml



#20 Methoxychlor

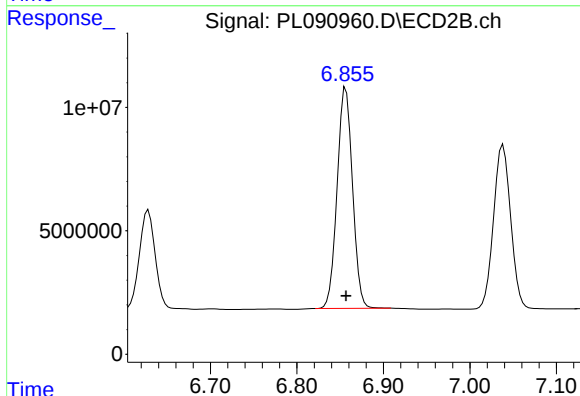
R.T.: 6.628 min  
Delta R.T.: 0.000 min  
Response: 51973100  
Conc: 56.31 ng/ml



#21 Endrin ketone

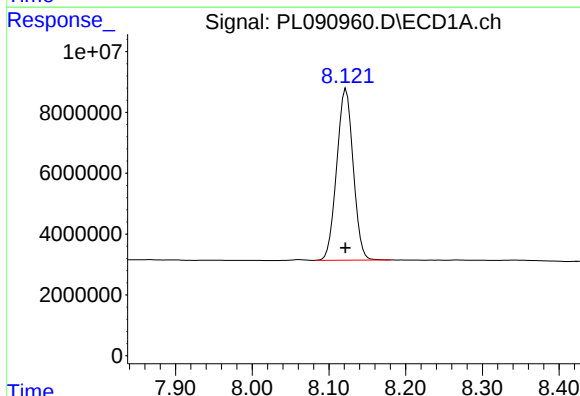
R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 108488226  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



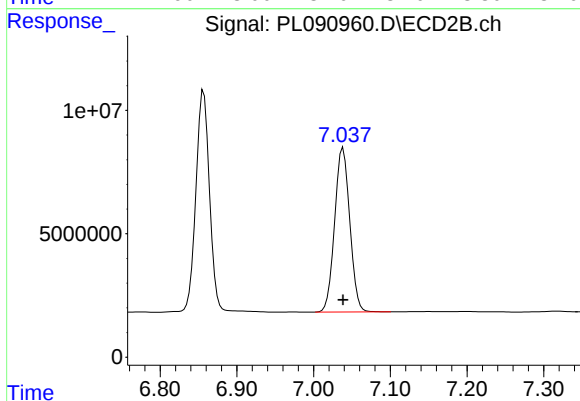
#21 Endrin ketone

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 109994300  
Conc: 55.50 ng/ml



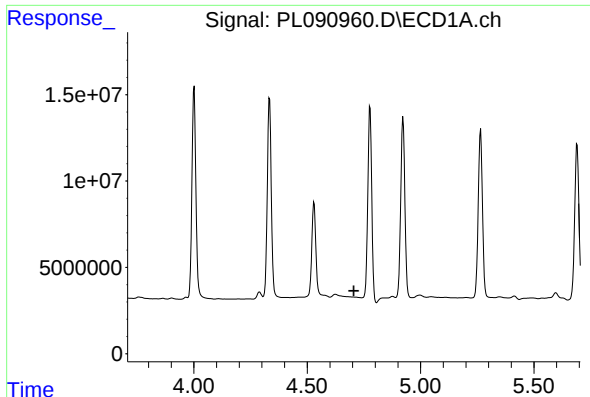
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 84098218  
Conc: 54.10 ng/ml



#22 Mirex

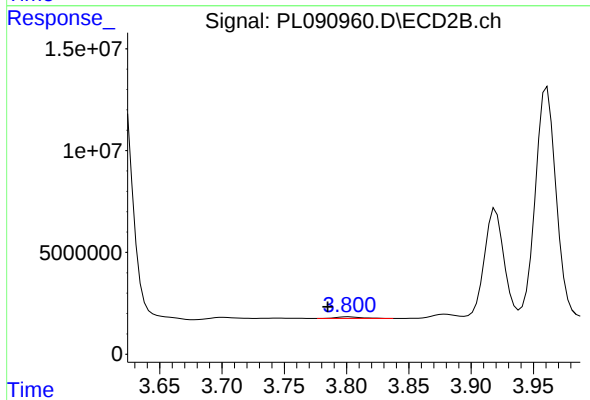
R.T.: 7.038 min  
Delta R.T.: 0.000 min  
Response: 91174530  
Conc: 54.29 ng/ml



#23 Chlordane-1

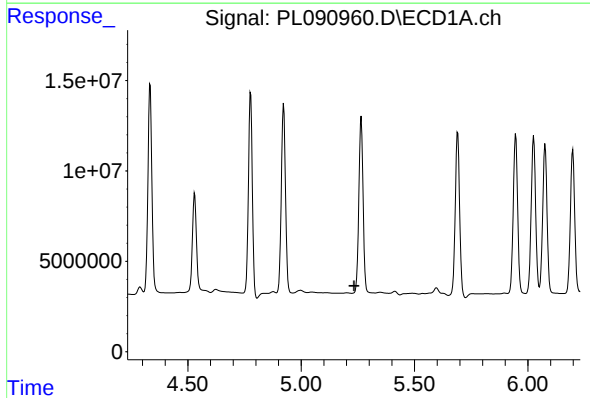
R.T.: 0.000 min  
Exp R.T.: 4.705 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



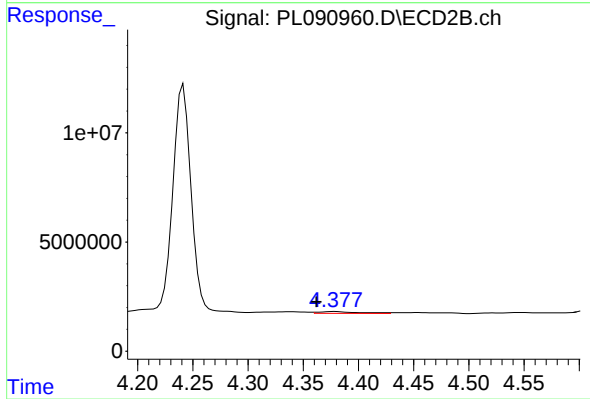
#23 Chlordane-1

R.T.: 3.801 min  
Delta R.T.: 0.017 min  
Response: 1108015  
Conc: 16.43 ng/ml



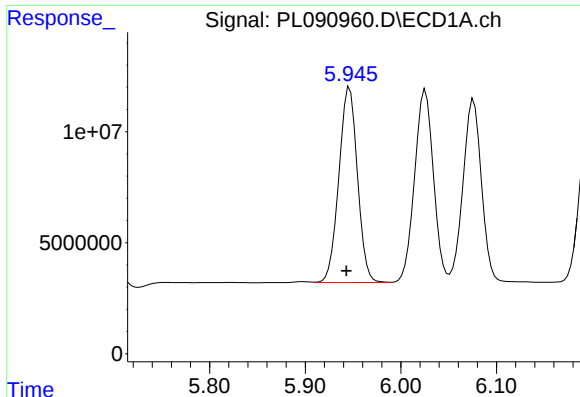
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.233 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

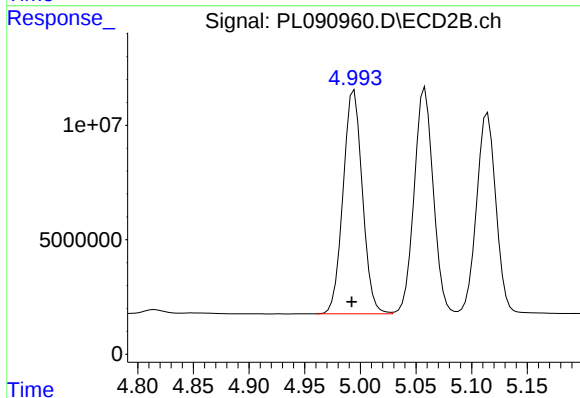
R.T.: 4.379 min  
Delta R.T.: 0.017 min  
Response: 2123162  
Conc: 25.53 ng/ml



#25 Chlordane-3

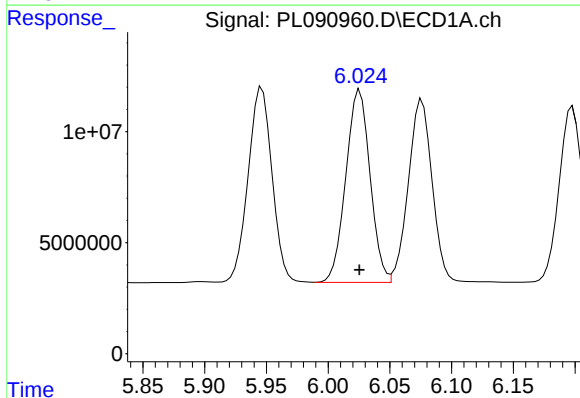
R.T.: 5.946 min  
Delta R.T.: 0.003 min  
Response: 118784161  
Conc: 361.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



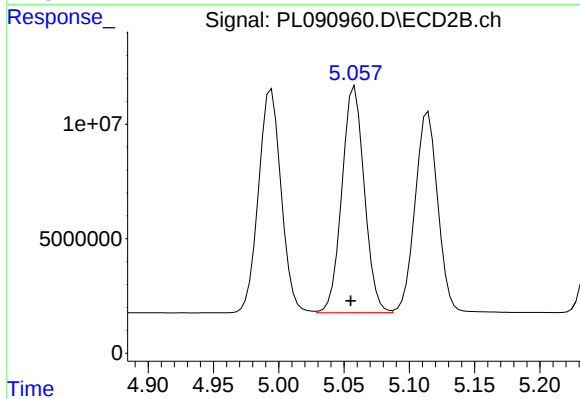
#25 Chlordane-3

R.T.: 4.994 min  
Delta R.T.: 0.002 min  
Response: 117786664  
Conc: 526.00 ng/ml



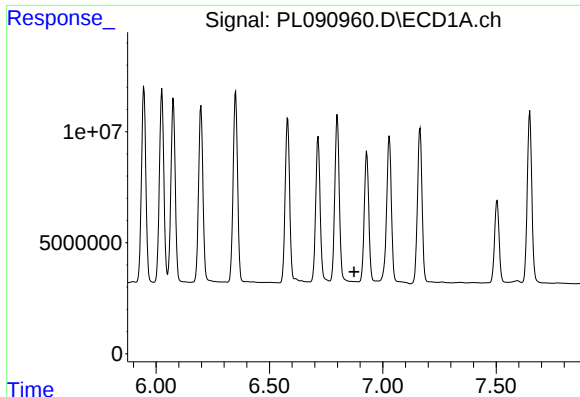
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 118563201  
Conc: 295.86 ng/ml



#26 Chlordane-4

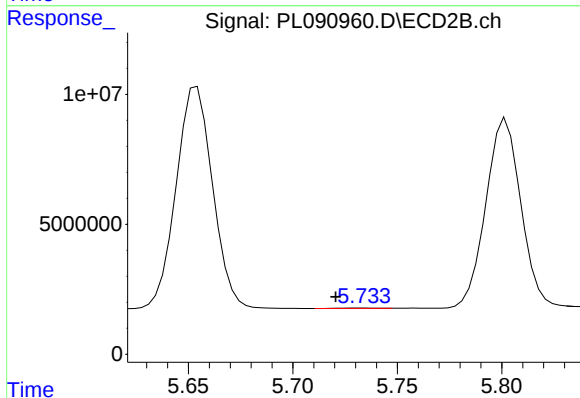
R.T.: 5.058 min  
Delta R.T.: 0.003 min  
Response: 117974857  
Conc: 551.39 ng/ml



#27 Chlordane-5

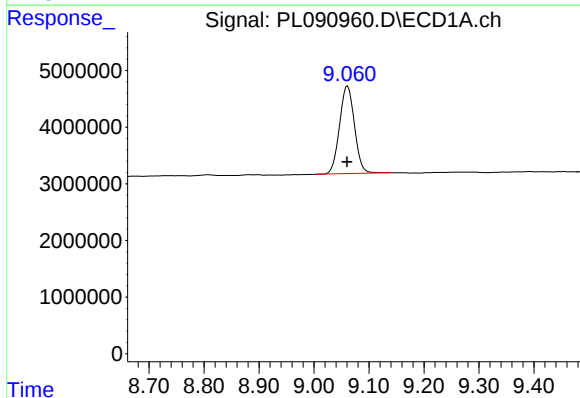
R.T.: 0.000 min  
Exp R.T.: 6.873 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
OU4-CF-01-080624MS



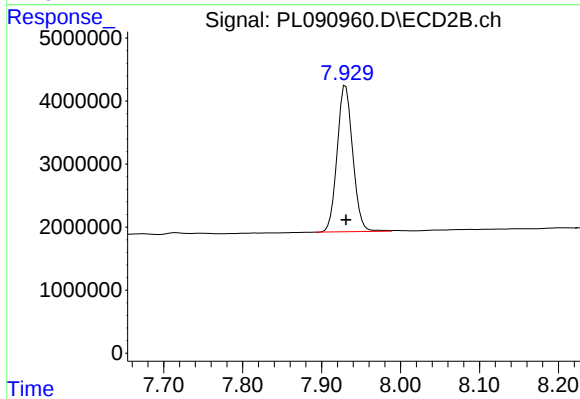
#27 Chlordane-5

R.T.: 5.734 min  
Delta R.T.: 0.014 min  
Response: 175284  
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.000 min  
Response: 29246849  
Conc: 20.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min  
Delta R.T.: 0.000 min  
Response: 31816607  
Conc: 19.06 ng/ml