

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121220\  
 Data File : PL063487.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Dec 2020 09:07  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 11 12:08:38 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 15:57:40 2020  
 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... | 3.409 | 3.949  | 87245717 | 158.6E6  | 51.269   | 50.617     |
| 28)                         | SA Decachlor... | 8.124 | 8.987  | 92933300 | 127.6E6  | 46.147   | 50.685     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.840 | 4.335  | 130.2E6  | 243.3E6  | 51.931   | 51.394     |
| 3)                          | MA gamma-BHC... | 4.120 | 4.617  | 117.9E6  | 227.0E6  | 51.721   | 50.918     |
| 4)                          | MA Heptachlor   | 4.416 | 5.123  | 109.5E6  | 207.0E6  | 51.016   | 50.403     |
| 5)                          | MB Aldrin       | 4.661 | 5.425  | 99182107 | 197.1E6  | 52.015   | 50.944     |
| 6)                          | B beta-BHC      | 4.370 | 4.789  | 49163721 | 97074918 | 50.633   | 48.868     |
| 7)                          | B delta-BHC     | 4.570 | 5.004  | 110.2E6  | 204.6E6  | 50.613   | 50.543     |
| 8)                          | B Heptachlo...  | 5.099 | 5.811  | 96229621 | 183.4E6  | 51.724   | 50.635     |
| 9)                          | A Endosulfan I  | 5.434 | 6.166  | 89881649 | 167.8E6  | 51.497   | 50.287     |
| 10)                         | B gamma-Chl...  | 5.325 | 6.044  | 96354039 | 178.7E6  | 51.803   | 50.344     |
| 11)                         | B alpha-Chl...  | 5.382 | 6.117  | 95984902 | 178.7E6  | 51.628   | 50.413     |
| 12)                         | B 4,4'-DDE      | 5.547 | 6.276  | 89159547 | 176.1E6  | 52.495   | 50.289     |
| 13)                         | MA Dieldrin     | 5.675 | 6.423  | 95408367 | 173.6E6  | 52.407   | 50.523     |
| 14)                         | MA Endrin       | 5.930 | 6.640  | 81094026 | 138.0E6  | 48.316   | 47.170     |
| 15)                         | B Endosulfa...  | 6.202 | 6.849  | 88366719 | 149.3E6  | 49.930   | 46.882     |
| 16)                         | A 4,4'-DDD      | 6.059 | 6.765  | 79430381 | 139.0E6  | 52.915   | 51.290     |
| 17)                         | MA 4,4'-DDT     | 6.298 | 7.064  | 68371407 | 119.8E6  | 49.825   | 46.858     |
| 18)                         | B Endrin al...  | 6.369 | 6.973  | 75488249 | 125.2E6  | 49.247   | 49.069     |
| 19)                         | B Endosulfa...  | 6.582 | 7.197  | 85368122 | 135.1E6  | 49.779   | 48.565     |
| 20)                         | A Methoxychlor  | 6.842 | 7.524  | 43285432 | 66596812 | 48.645   | 47.751     |
| 21)                         | B Endrin ke...  | 7.067 | 7.666  | 103.5E6  | 145.1E6  | 51.837   | 49.731     |
| 22)                         | Mirex           | 7.254 | 8.119  | 78520931 | 98530015 | 49.456   | 49.451     |
| 24)                         | Chlordane-2     | 0.000 | 5.425f | 0        | 197.1E6  | N.D.     | 1561.806 # |
| 25)                         | Chlordane-3     | 5.325 | 6.044  | 96354039 | 178.7E6  | 556.132  | 387.769 #  |
| 26)                         | Chlordane-4     | 5.382 | 6.117  | 95984902 | 178.7E6  | 656.198  | 325.879 #  |
| 27)                         | Chlordane-5     | 6.202 | 0.000  | 88366719 | 0        | 1417.472 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

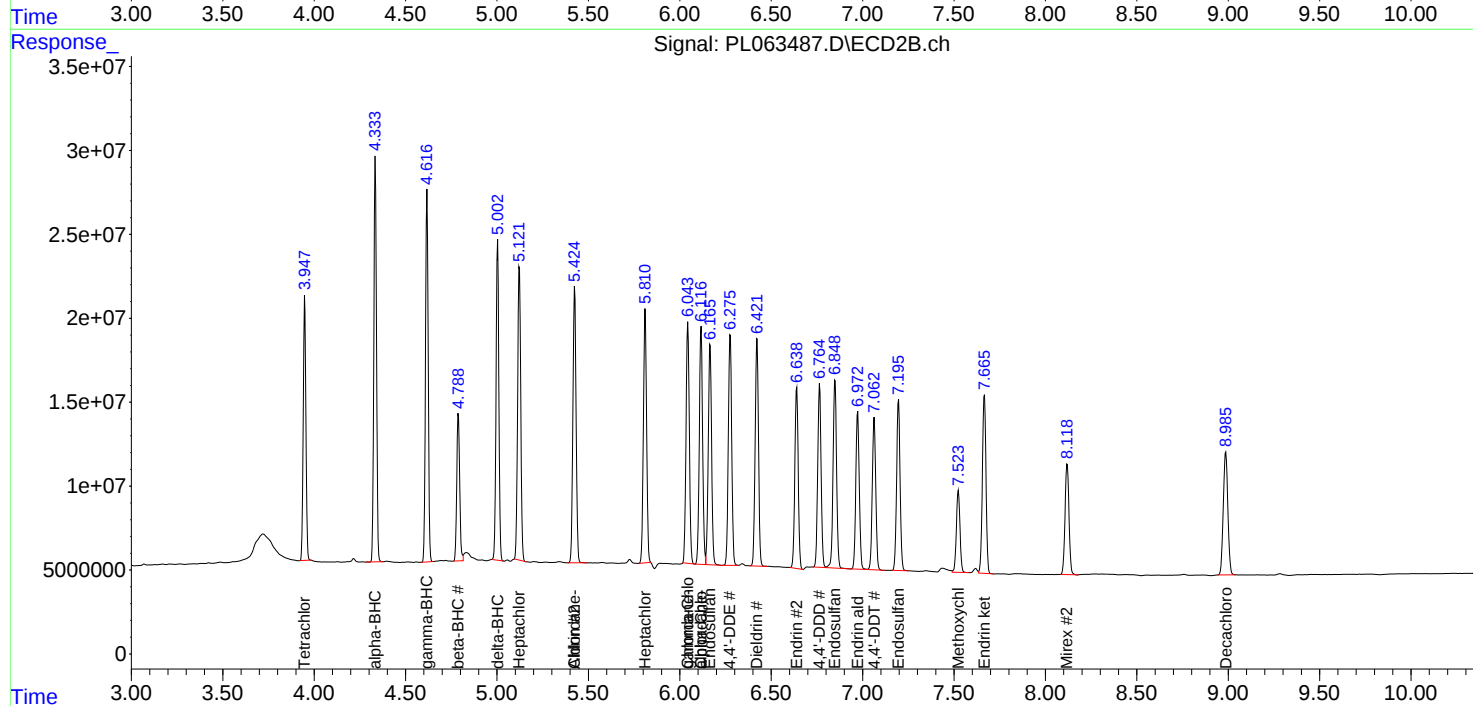
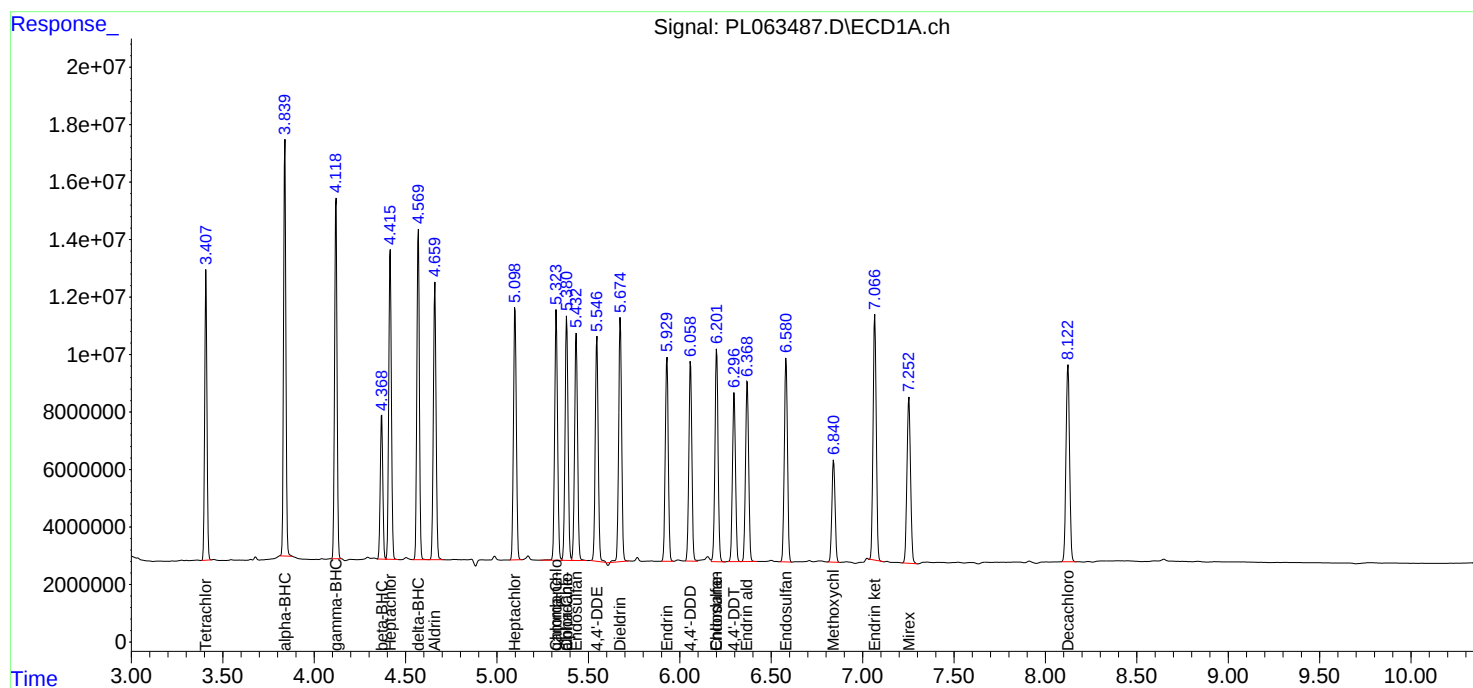
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

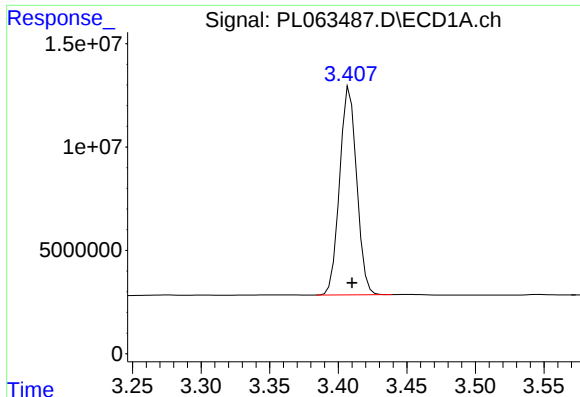
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121220\  
Data File : PL063487.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Dec 2020 09:07  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 12:08:38 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 15:57:40 2020  
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

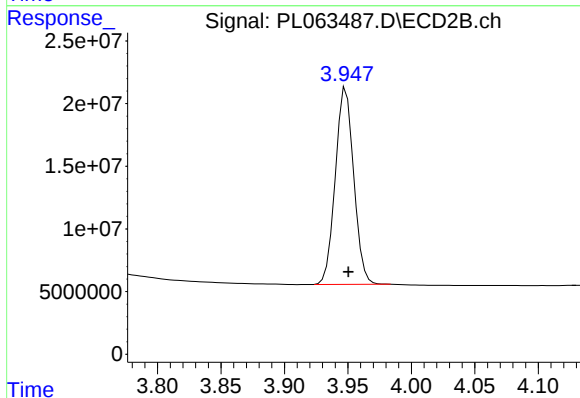




#1 Tetrachloro-m-xylene

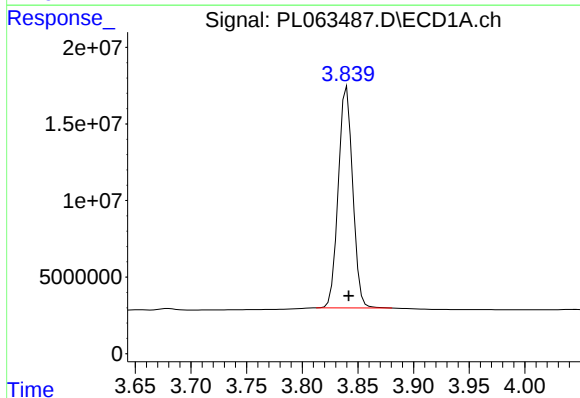
R.T.: 3.409 min  
Delta R.T.: -0.001 min  
Response: 87245717  
Conc: 51.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



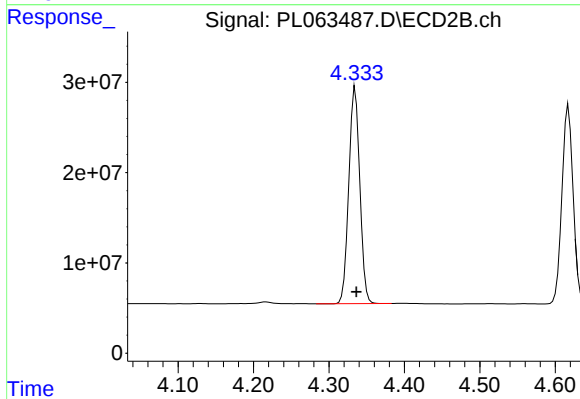
#1 Tetrachloro-m-xylene

R.T.: 3.949 min  
Delta R.T.: -0.002 min  
Response: 158642109  
Conc: 50.62 ng/ml



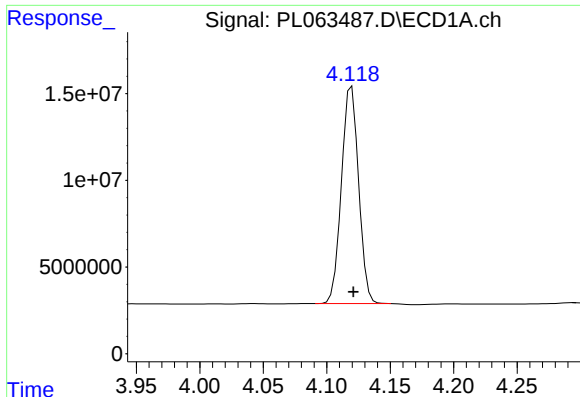
#2 alpha-BHC

R.T.: 3.840 min  
Delta R.T.: -0.002 min  
Response: 130166167  
Conc: 51.93 ng/ml



#2 alpha-BHC

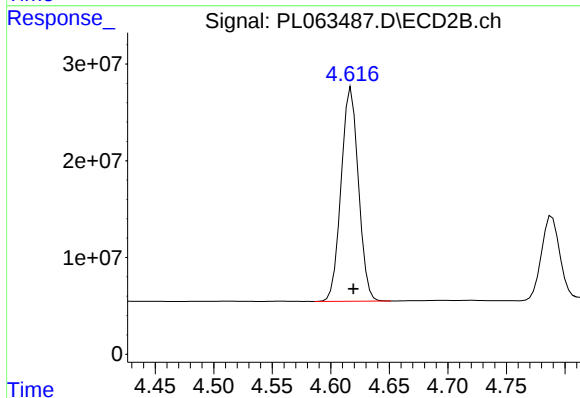
R.T.: 4.335 min  
Delta R.T.: -0.002 min  
Response: 243274951  
Conc: 51.39 ng/ml



#3 gamma-BHC (Lindane)

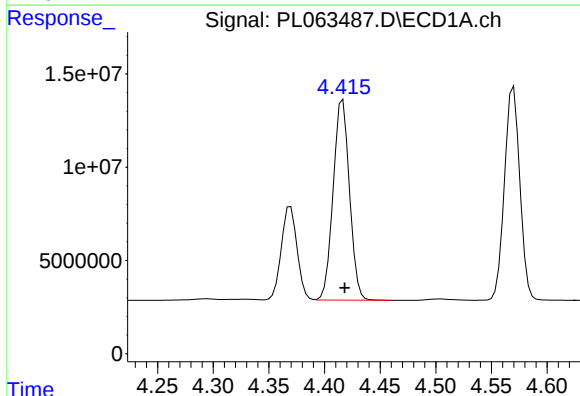
R.T.: 4.120 min  
Delta R.T.: -0.001 min  
Response: 117877614  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



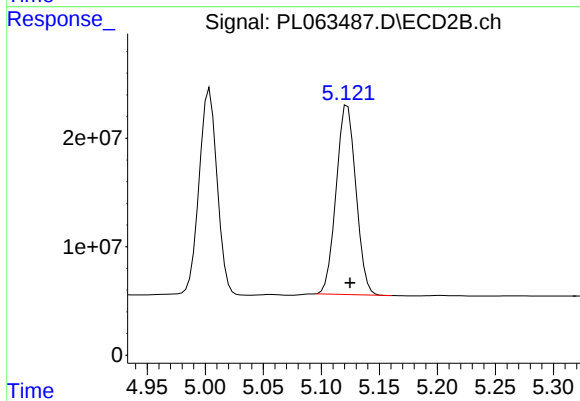
#3 gamma-BHC (Lindane)

R.T.: 4.617 min  
Delta R.T.: -0.002 min  
Response: 227010033  
Conc: 50.92 ng/ml



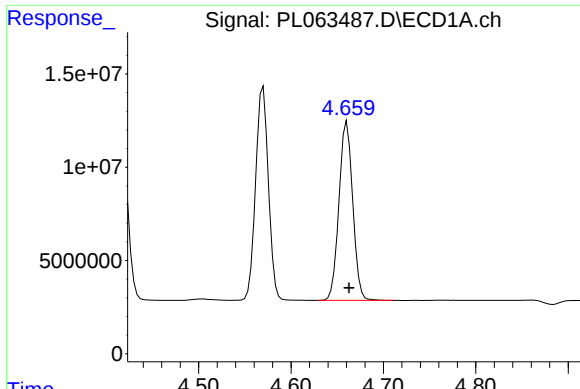
#4 Heptachlor

R.T.: 4.416 min  
Delta R.T.: -0.002 min  
Response: 109521920  
Conc: 51.02 ng/ml



#4 Heptachlor

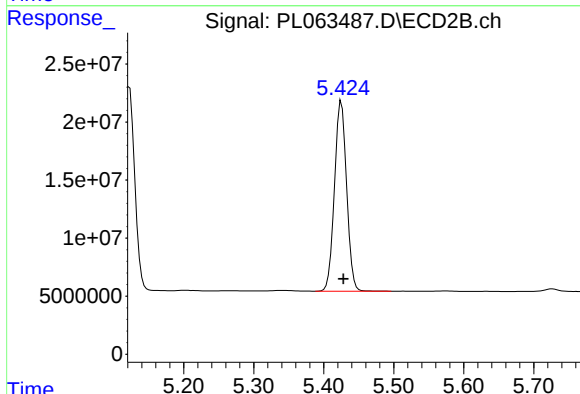
R.T.: 5.123 min  
Delta R.T.: -0.002 min  
Response: 206964221  
Conc: 50.40 ng/ml



#5 Aldrin

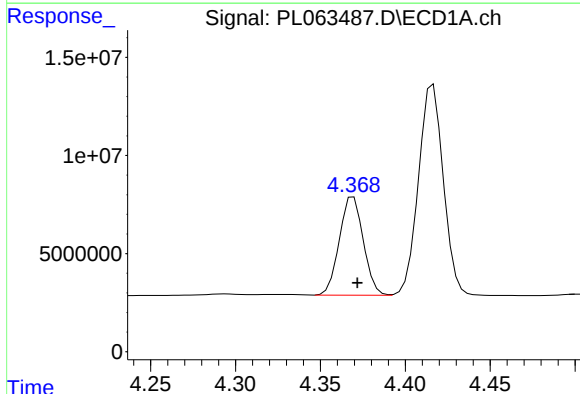
R.T.: 4.661 min  
Delta R.T.: -0.002 min  
Response: 99182107  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



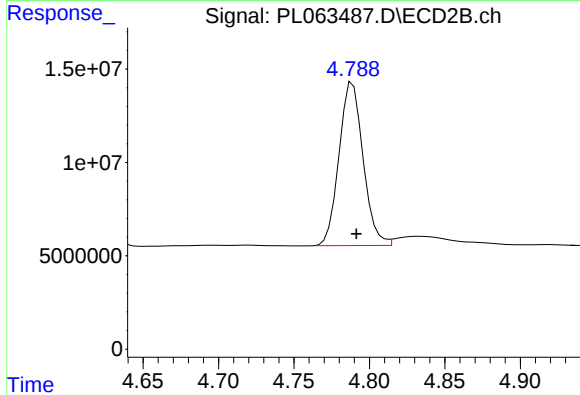
#5 Aldrin

R.T.: 5.425 min  
Delta R.T.: -0.003 min  
Response: 197107114  
Conc: 50.94 ng/ml



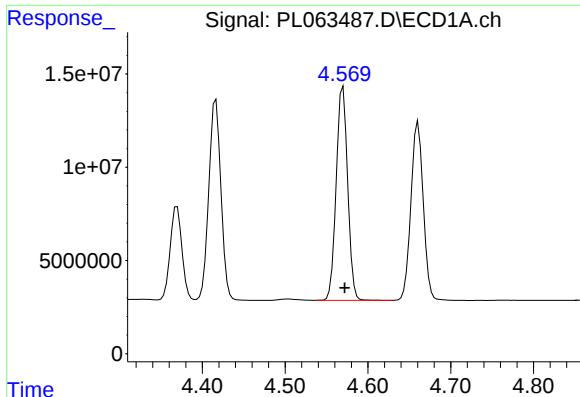
#6 beta-BHC

R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 49163721  
Conc: 50.63 ng/ml



#6 beta-BHC

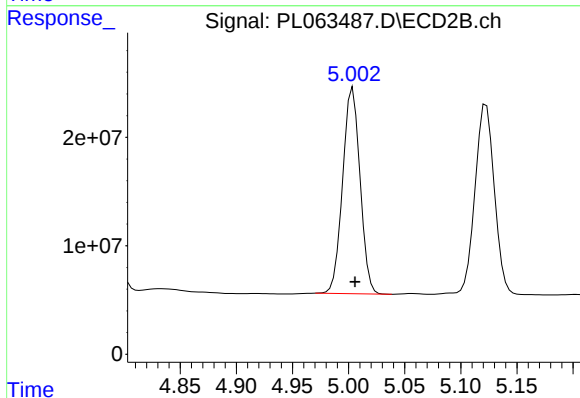
R.T.: 4.789 min  
Delta R.T.: -0.002 min  
Response: 97074918  
Conc: 48.87 ng/ml



#7 delta-BHC

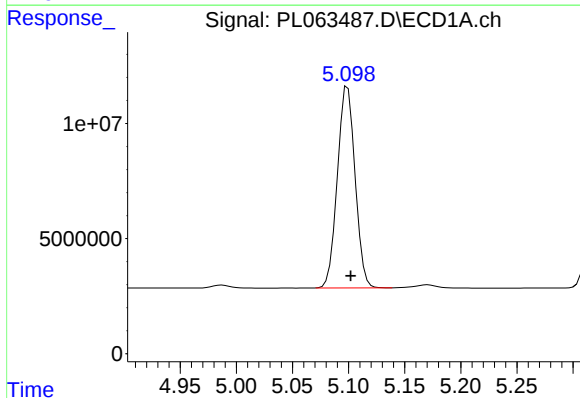
R.T.: 4.570 min  
Delta R.T.: -0.002 min  
Response: 110183571  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



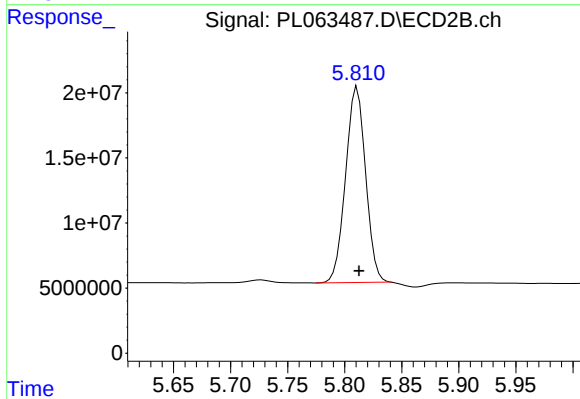
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: -0.002 min  
Response: 204565313  
Conc: 50.54 ng/ml



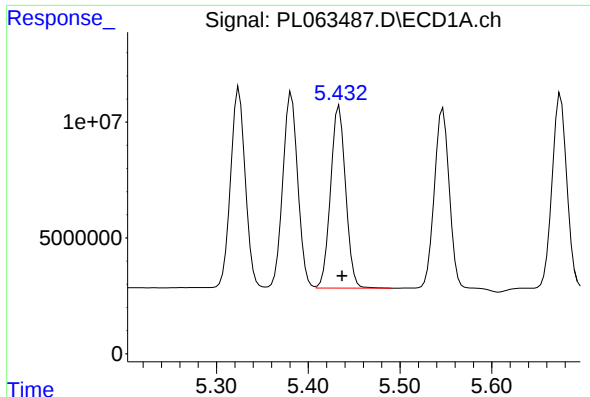
#8 Heptachlor epoxide

R.T.: 5.099 min  
Delta R.T.: -0.003 min  
Response: 96229621  
Conc: 51.72 ng/ml



#8 Heptachlor epoxide

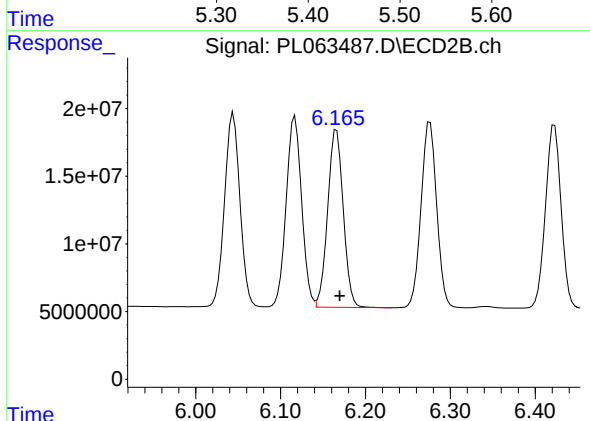
R.T.: 5.811 min  
Delta R.T.: -0.002 min  
Response: 183398743  
Conc: 50.64 ng/ml



#9 Endosulfan I

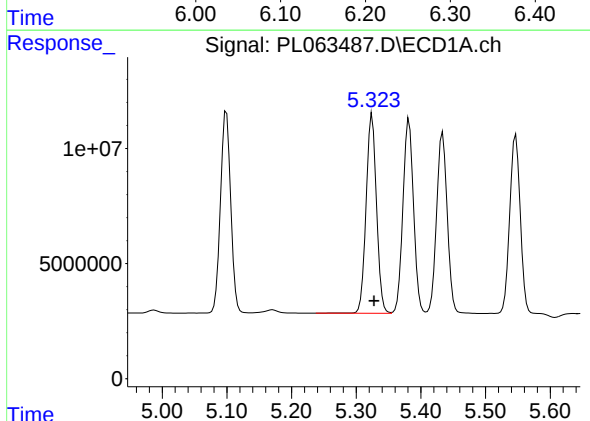
R.T.: 5.434 min  
Delta R.T.: -0.003 min  
Response: 89881649  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



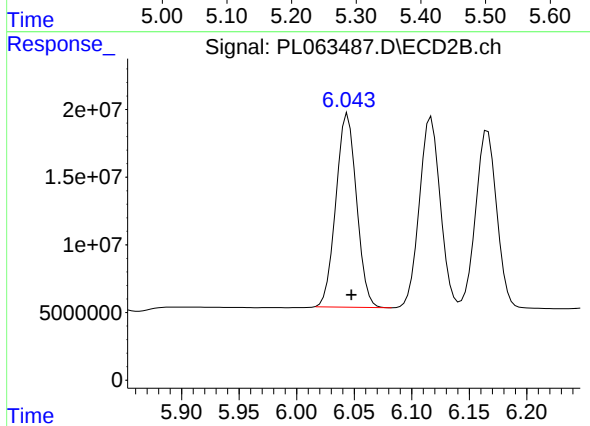
#9 Endosulfan I

R.T.: 6.166 min  
Delta R.T.: -0.004 min  
Response: 167839231  
Conc: 50.29 ng/ml



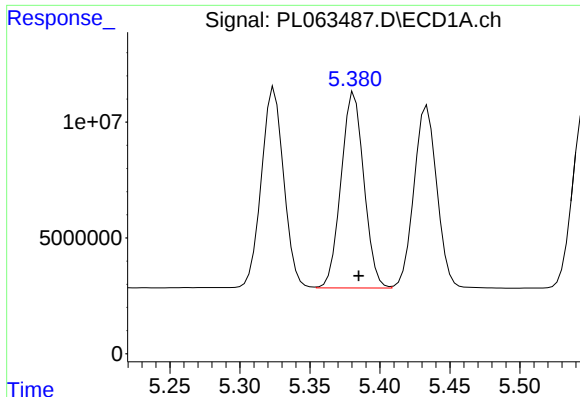
#10 gamma-Chlordane

R.T.: 5.325 min  
Delta R.T.: -0.003 min  
Response: 96354039  
Conc: 51.80 ng/ml



#10 gamma-Chlordane

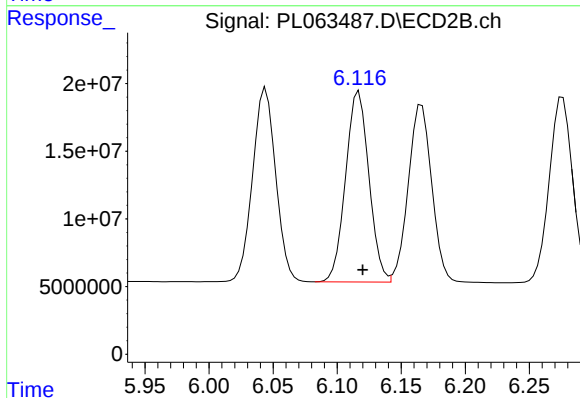
R.T.: 6.044 min  
Delta R.T.: -0.003 min  
Response: 178677563  
Conc: 50.34 ng/ml



#11 alpha-Chlordane

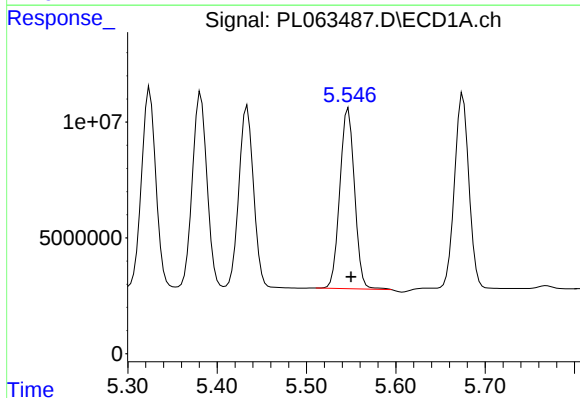
R.T.: 5.382 min  
Delta R.T.: -0.003 min  
Response: 95984902  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



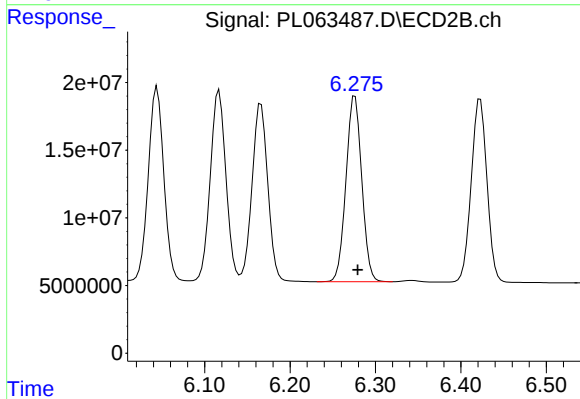
#11 alpha-Chlordane

R.T.: 6.117 min  
Delta R.T.: -0.003 min  
Response: 178669628  
Conc: 50.41 ng/ml



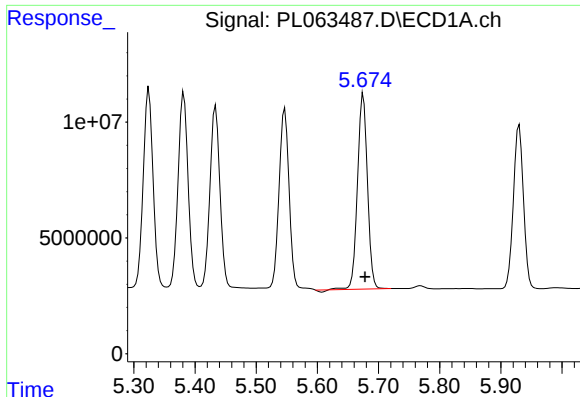
#12 4,4'-DDE

R.T.: 5.547 min  
Delta R.T.: -0.003 min  
Response: 89159547  
Conc: 52.49 ng/ml



#12 4,4'-DDE

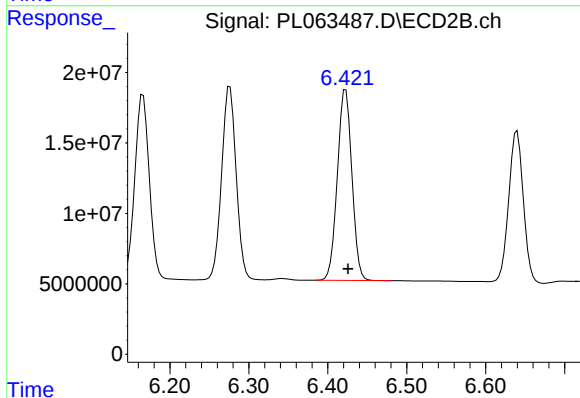
R.T.: 6.276 min  
Delta R.T.: -0.003 min  
Response: 176126513  
Conc: 50.29 ng/ml



#13 Dieldrin

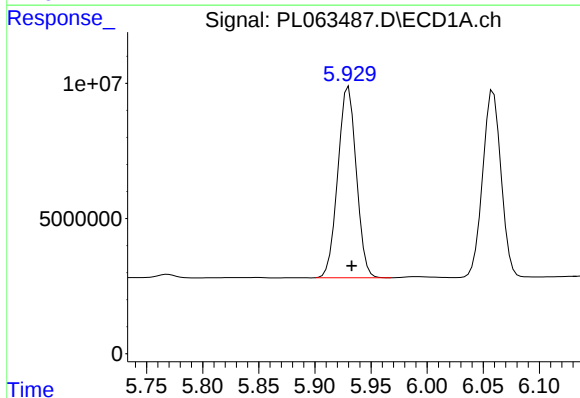
R.T.: 5.675 min  
Delta R.T.: -0.003 min  
Response: 95408367  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



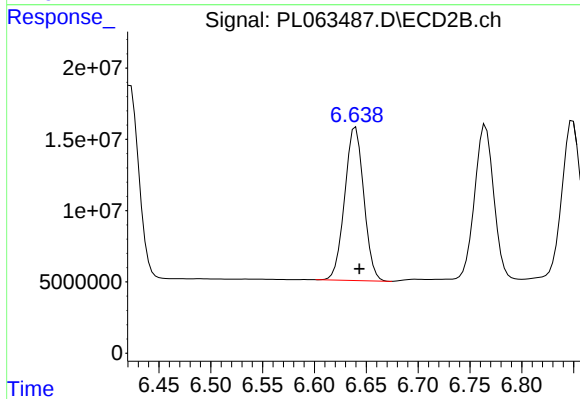
#13 Dieldrin

R.T.: 6.423 min  
Delta R.T.: -0.003 min  
Response: 173572845  
Conc: 50.52 ng/ml



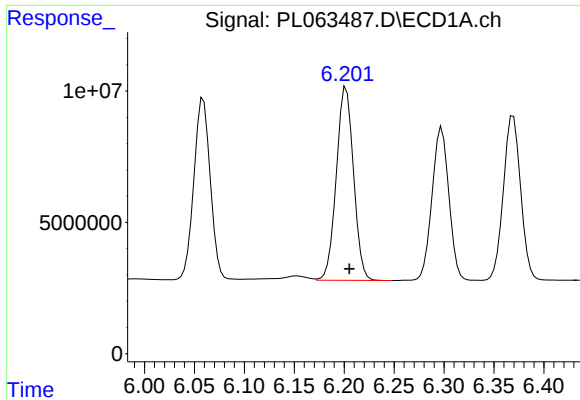
#14 Endrin

R.T.: 5.930 min  
Delta R.T.: -0.003 min  
Response: 81094026  
Conc: 48.32 ng/ml



#14 Endrin

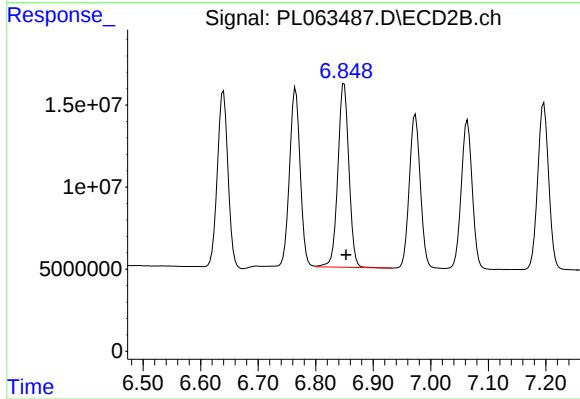
R.T.: 6.640 min  
Delta R.T.: -0.004 min  
Response: 137973637  
Conc: 47.17 ng/ml



#15 Endosulfan II

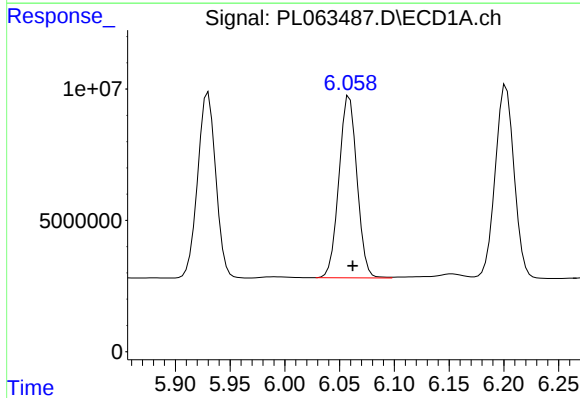
R.T.: 6.202 min  
Delta R.T.: -0.003 min  
Response: 88366719  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



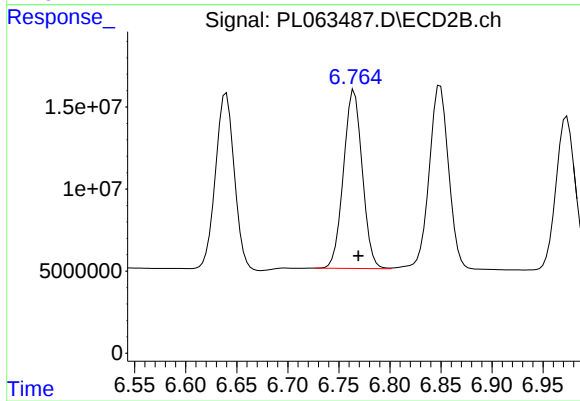
#15 Endosulfan II

R.T.: 6.849 min  
Delta R.T.: -0.004 min  
Response: 149320646  
Conc: 46.88 ng/ml



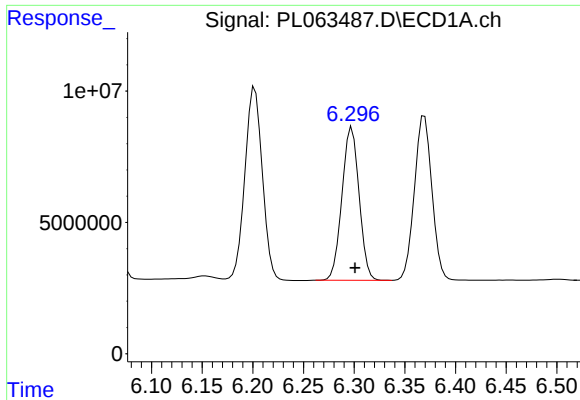
#16 4,4'-DDD

R.T.: 6.059 min  
Delta R.T.: -0.003 min  
Response: 79430381  
Conc: 52.92 ng/ml



#16 4,4'-DDD

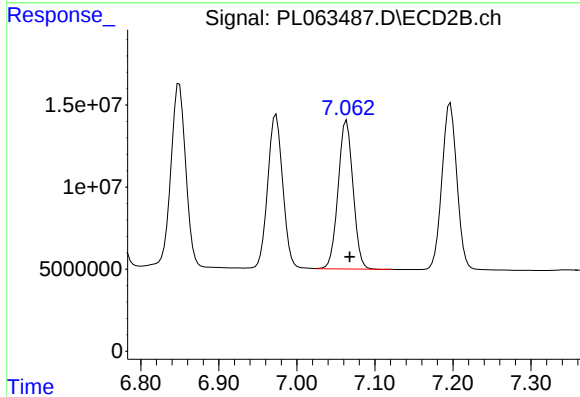
R.T.: 6.765 min  
Delta R.T.: -0.004 min  
Response: 139020179  
Conc: 51.29 ng/ml



#17 4,4'-DDT

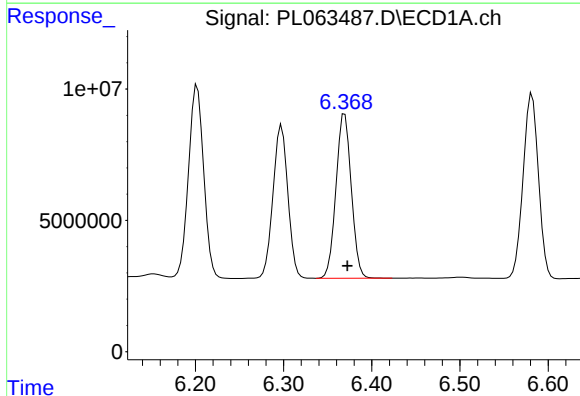
R.T.: 6.298 min  
Delta R.T.: -0.003 min  
Response: 68371407  
Conc: 49.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



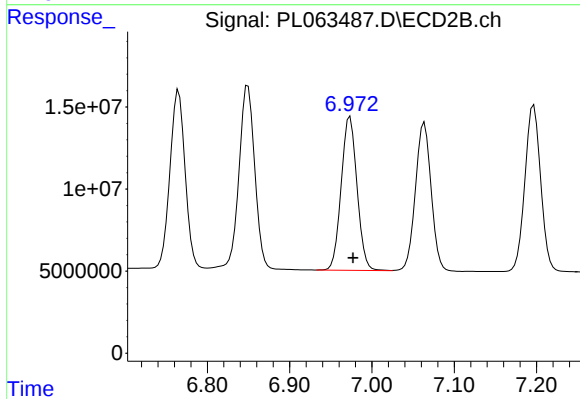
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: -0.004 min  
Response: 119809710  
Conc: 46.86 ng/ml



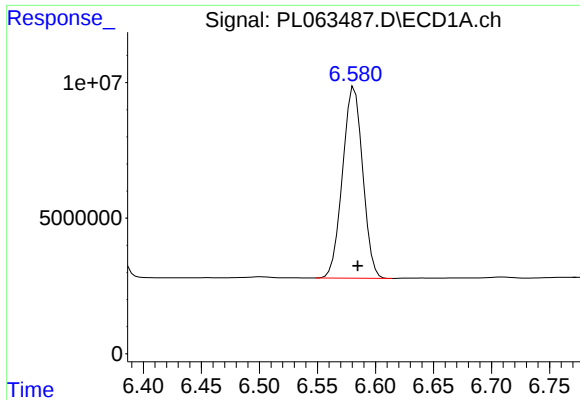
#18 Endrin aldehyde

R.T.: 6.369 min  
Delta R.T.: -0.003 min  
Response: 75488249  
Conc: 49.25 ng/ml



#18 Endrin aldehyde

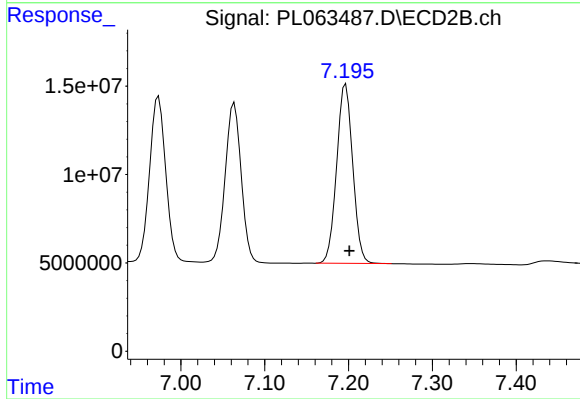
R.T.: 6.973 min  
Delta R.T.: -0.004 min  
Response: 125215488  
Conc: 49.07 ng/ml



#19 Endosulfan Sulfate

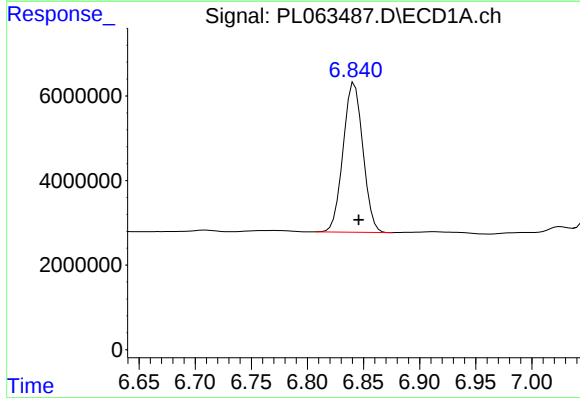
R.T.: 6.582 min  
Delta R.T.: -0.003 min  
Response: 85368122  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



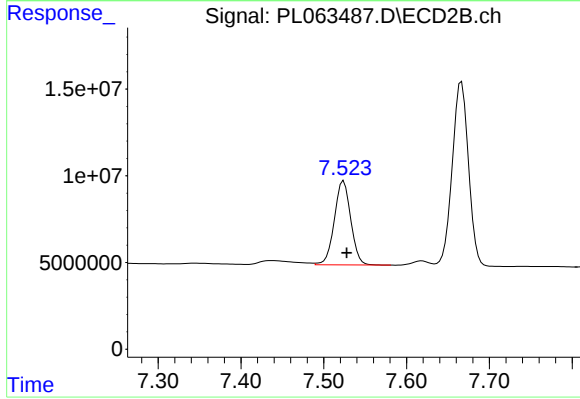
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.004 min  
Response: 135098229  
Conc: 48.57 ng/ml



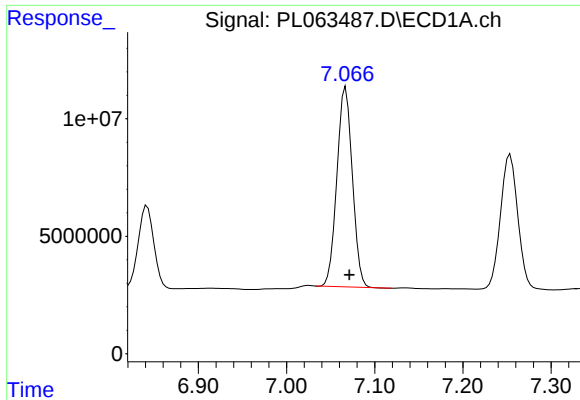
#20 Methoxychlor

R.T.: 6.842 min  
Delta R.T.: -0.004 min  
Response: 43285432  
Conc: 48.65 ng/ml



#20 Methoxychlor

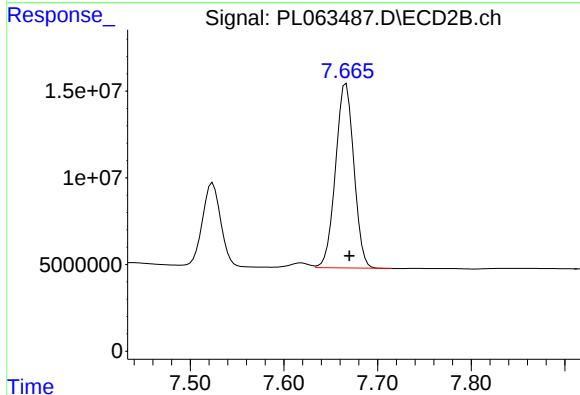
R.T.: 7.524 min  
Delta R.T.: -0.004 min  
Response: 66596812  
Conc: 47.75 ng/ml



#21 Endrin ketone

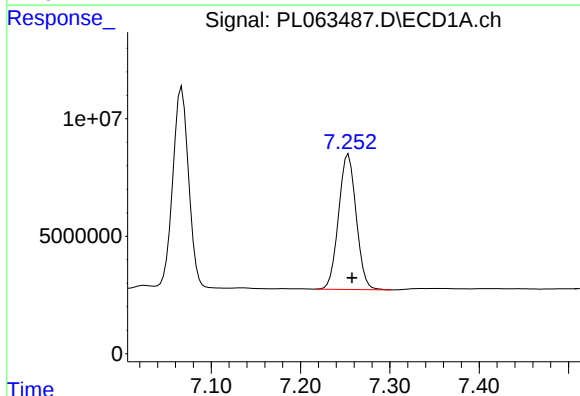
R.T.: 7.067 min  
Delta R.T.: -0.004 min  
Response: 103509163  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



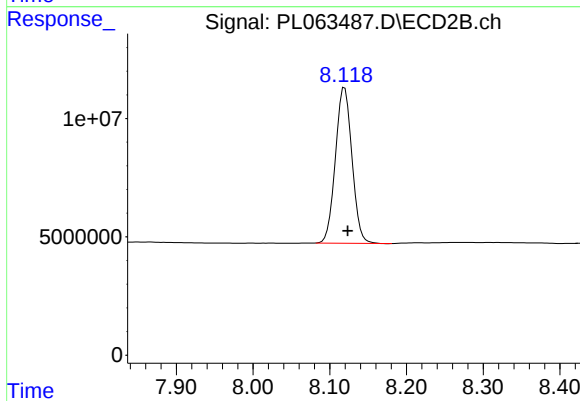
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: -0.004 min  
Response: 145056509  
Conc: 49.73 ng/ml



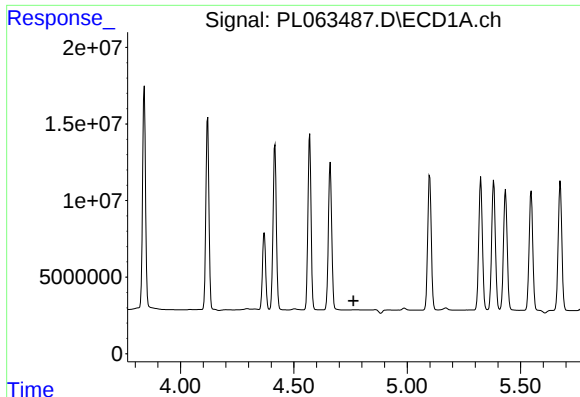
#22 Mirex

R.T.: 7.254 min  
Delta R.T.: -0.004 min  
Response: 78520931  
Conc: 49.46 ng/ml



#22 Mirex

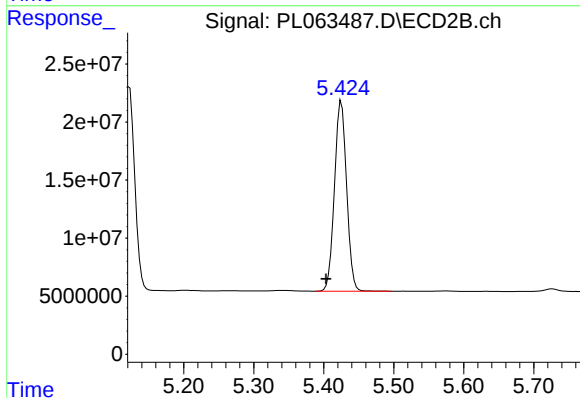
R.T.: 8.119 min  
Delta R.T.: -0.004 min  
Response: 98530015  
Conc: 49.45 ng/ml



#24 Chlordane-2

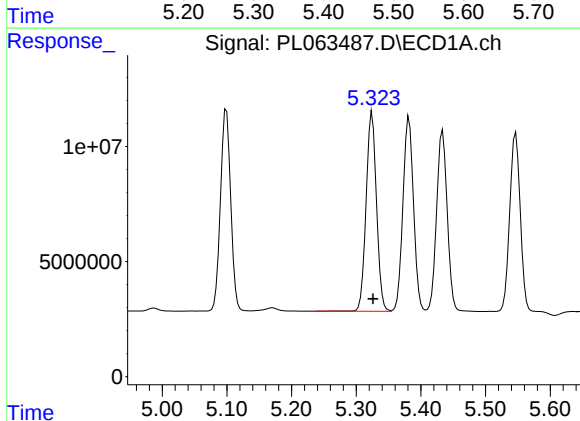
R.T.: 0.000 min  
Exp R.T.: 4.763 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



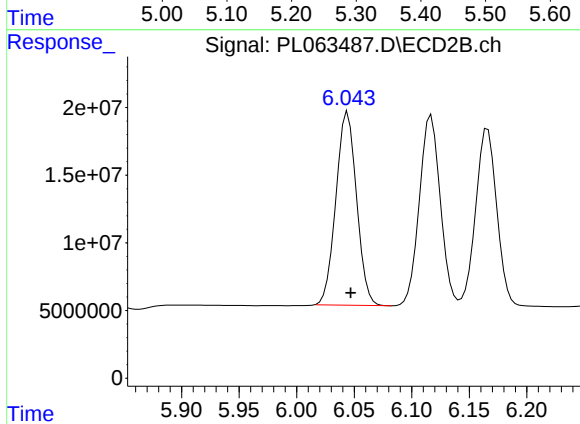
#24 Chlordane-2

R.T.: 5.425 min  
Delta R.T.: 0.022 min  
Response: 197107114  
Conc: 1561.81 ng/ml



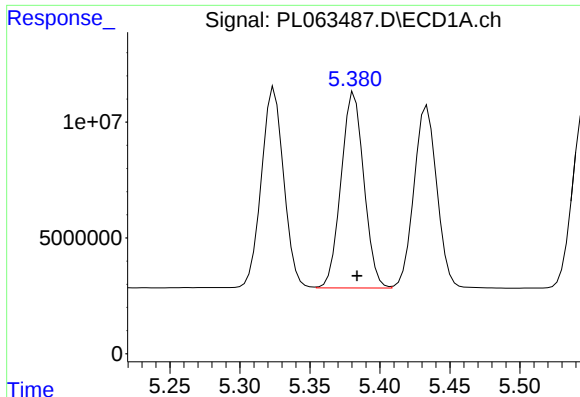
#25 Chlordane-3

R.T.: 5.325 min  
Delta R.T.: -0.002 min  
Response: 96354039  
Conc: 556.13 ng/ml



#25 Chlordane-3

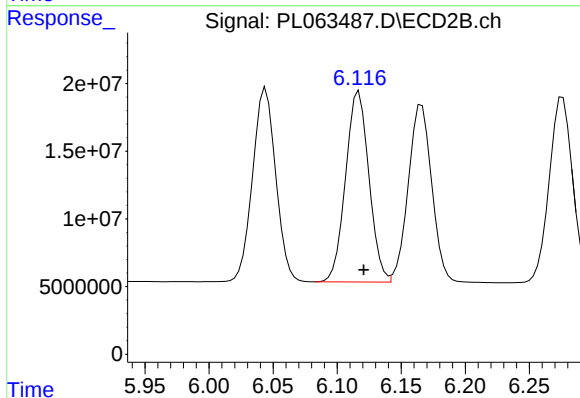
R.T.: 6.044 min  
Delta R.T.: -0.003 min  
Response: 178677563  
Conc: 387.77 ng/ml



#26 Chlordane-4

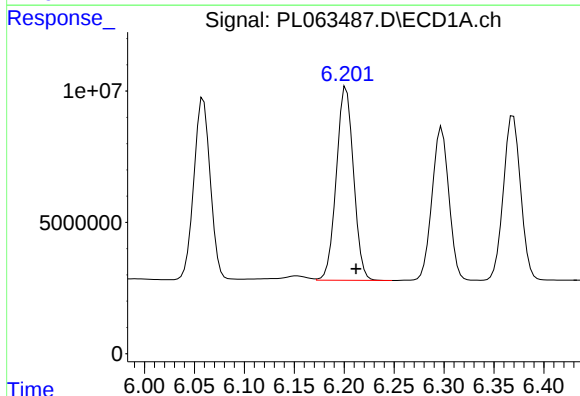
R.T.: 5.382 min  
Delta R.T.: -0.002 min  
Response: 95984902  
Conc: 656.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



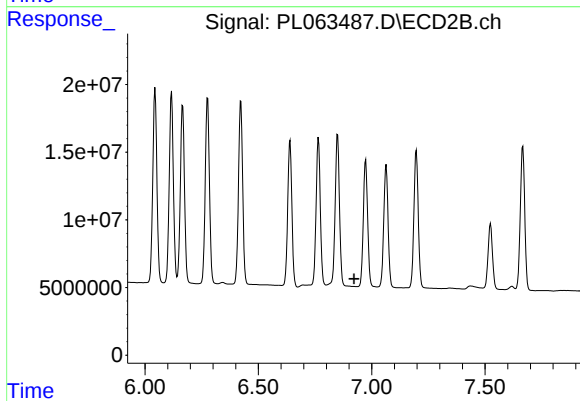
#26 Chlordane-4

R.T.: 6.117 min  
Delta R.T.: -0.004 min  
Response: 178669628  
Conc: 325.88 ng/ml



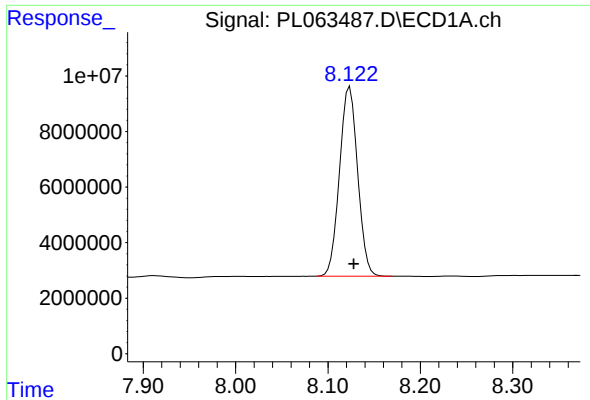
#27 Chlordane-5

R.T.: 6.202 min  
Delta R.T.: -0.010 min  
Response: 88366719  
Conc: 1417.47 ng/ml



#27 Chlordane-5

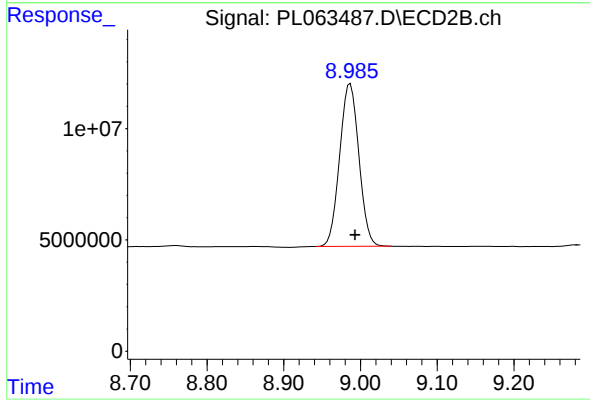
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.004 min  
Response: 92933300  
Conc: 46.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.987 min  
Delta R.T.: -0.006 min  
Response: 127642781  
Conc: 50.69 ng/ml