

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032321\  
 Data File : PL065489.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Mar 2021 12:07  
 Operator : AR\AJ  
 Sample : M1746-07MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 04:10:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 19 02:14:11 2021  
 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... | 3.286  | 3.785 | 55418392 | 66608708 | 23.336   | 24.268     |
| 28)                         | SA Decachlor... | 7.925  | 8.733 | 50944342 | 44507658 | 21.086   | 22.455     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.710  | 4.170 | 192.0E6  | 178.2E6  | 51.358   | 43.850     |
| 3)                          | MA gamma-BHC... | 3.983  | 4.449 | 179.1E6  | 167.1E6  | 52.368   | 45.752     |
| 4)                          | MA Heptachlor   | 4.269  | 4.935 | 170.5E6  | 161.8E6  | 52.091   | 48.532     |
| 5)                          | MB Aldrin       | 4.506  | 5.231 | 165.5E6  | 151.7E6  | 52.240   | 46.332     |
| 6)                          | B beta-BHC      | 4.233  | 4.631 | 76685998 | 83165425 | 54.229   | 48.275     |
| 7)                          | B delta-BHC     | 4.426  | 4.838 | 73386515 | 69635149 | 22.065   | 23.302     |
| 8)                          | B Heptachlo...  | 4.939  | 5.617 | 156.0E6  | 142.7E6  | 52.762   | 49.374     |
| 9)                          | A Endosulfan I  | 5.266  | 5.967 | 140.8E6  | 124.4E6  | 51.669   | 47.247     |
| 10)                         | B gamma-Chl...  | 5.159  | 5.848 | 156.4E6  | 136.8E6  | 52.983   | 49.014     |
| 11)                         | B alpha-Chl...  | 5.216  | 5.918 | 152.0E6  | 132.9E6  | 52.244   | 47.885     |
| 12)                         | B 4,4'-DDE      | 5.382  | 6.082 | 141.8E6  | 120.4E6  | 53.882   | 48.336     |
| 13)                         | MA Dieldrin     | 5.503  | 6.223 | 150.6E6  | 129.3E6  | 53.784   | 47.544     |
| 14)                         | MA Endrin       | 5.752  | 6.438 | 127.0E6  | 114.0E6  | 50.856   | 51.598     |
| 15)                         | B Endosulfa...  | 6.024  | 6.655 | 126.8E6  | 113.6E6  | 51.767   | 50.344     |
| 16)                         | A 4,4'-DDD      | 5.888  | 6.573 | 109.4E6  | 100.3E6  | 49.514   | 45.591     |
| 17)                         | MA 4,4'-DDT     | 6.121  | 6.865 | 105.6E6  | 95667304 | 55.781   | 48.741     |
| 18)                         | B Endrin al...  | 6.192  | 6.780 | 100.4E6  | 92402850 | 52.275   | 52.745     |
| 19)                         | B Endosulfa...  | 6.401  | 7.001 | 124.7E6  | 102.9E6  | 50.455   | 46.887     |
| 20)                         | A Methoxychlor  | 6.667  | 7.331 | 62857034 | 54663193 | 54.825   | 52.341     |
| 21)                         | B Endrin ke...  | 6.880  | 7.466 | 133.6E6  | 123.4E6  | 49.702   | 52.288     |
| 22)                         | Mirex           | 7.053  | 7.903 | 102.9E6  | 91951273 | 50.522   | 55.244     |
| 23)                         | Chlordane-1     | 4.136  | 0.000 | 459653   | 0        | 5.336    | N.D. #     |
| 24)                         | Chlordane-2     | 4.632f | 5.231 | 692324   | 151.7E6  | 6.383    | 1393.240 # |
| 25)                         | Chlordane-3     | 5.159  | 5.848 | 156.4E6  | 136.8E6  | 524.317  | 335.545 #  |
| 26)                         | Chlordane-4     | 5.216  | 5.918 | 152.0E6  | 132.9E6  | 558.062  | 276.255 #  |
| 27)                         | Chlordane-5     | 6.024  | 0.000 | 126.8E6  | 0        | 1268.429 | N.D. #     |
| -----                       |                 |        |       |          |          |          |            |

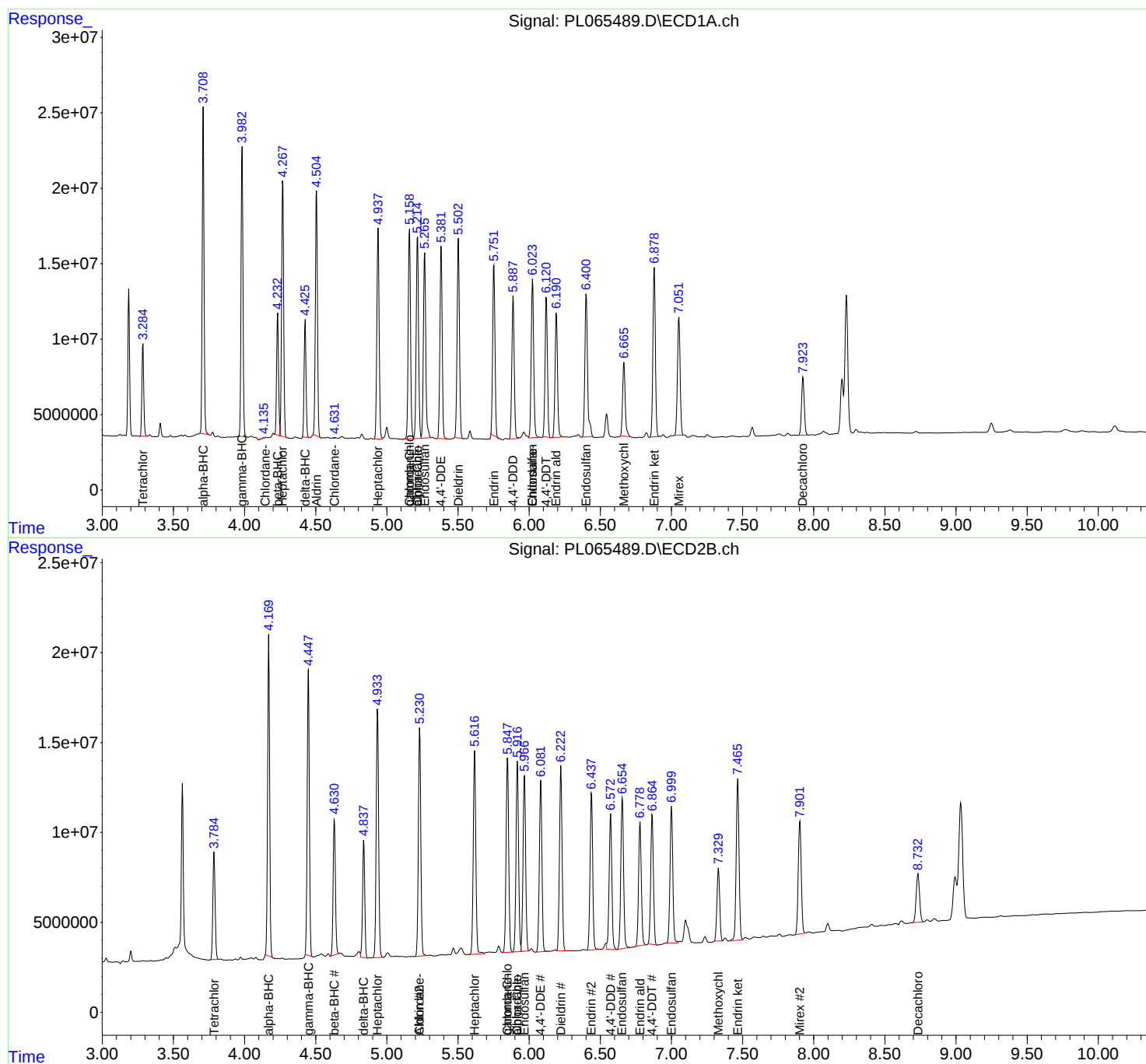
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

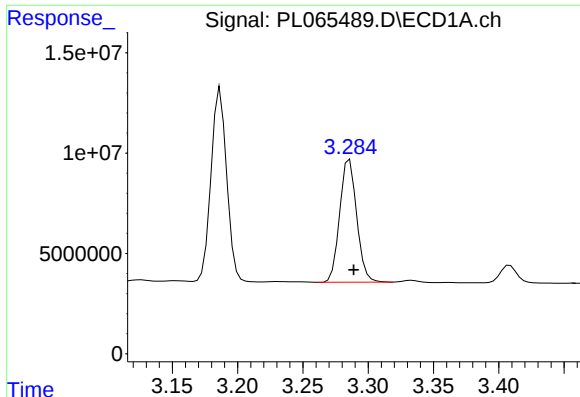
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032321\  
Data File : PL065489.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Mar 2021 12:07  
Operator : AR\AJ  
Sample : M1746-07MSD  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 04:10:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031821.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 19 02:14:11 2021  
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

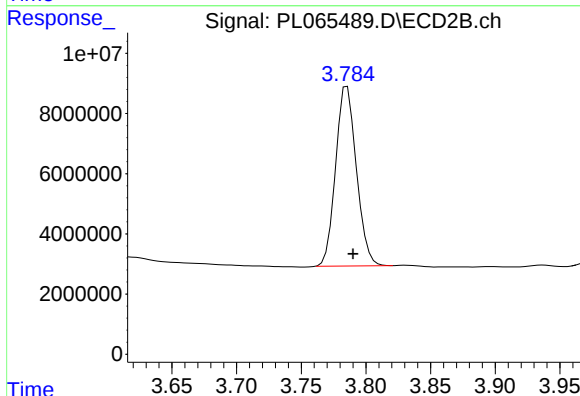




#1 Tetrachloro-m-xylene

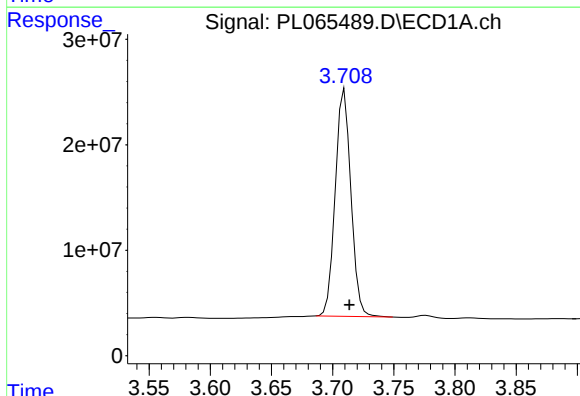
R.T.: 3.286 min  
Delta R.T.: -0.003 min  
Response: 55418392  
Conc: 23.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



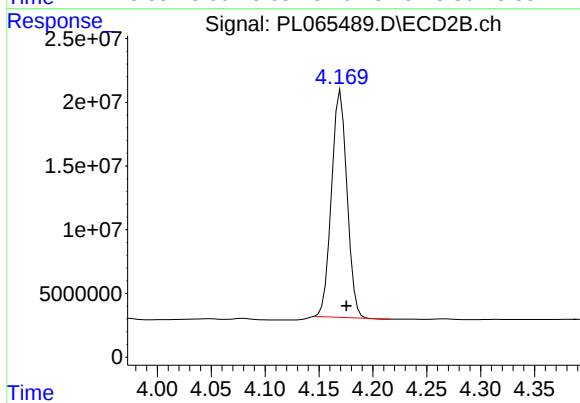
#1 Tetrachloro-m-xylene

R.T.: 3.785 min  
Delta R.T.: -0.005 min  
Response: 66608708  
Conc: 24.27 ng/ml



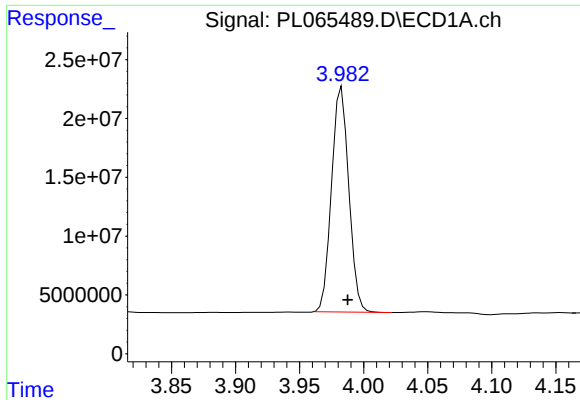
#2 alpha-BHC

R.T.: 3.710 min  
Delta R.T.: -0.004 min  
Response: 192013055  
Conc: 51.36 ng/ml



#2 alpha-BHC

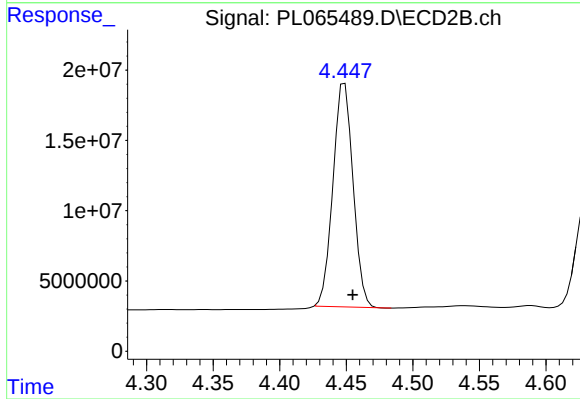
R.T.: 4.170 min  
Delta R.T.: -0.005 min  
Response: 178195667  
Conc: 43.85 ng/ml



#3 gamma-BHC (Lindane)

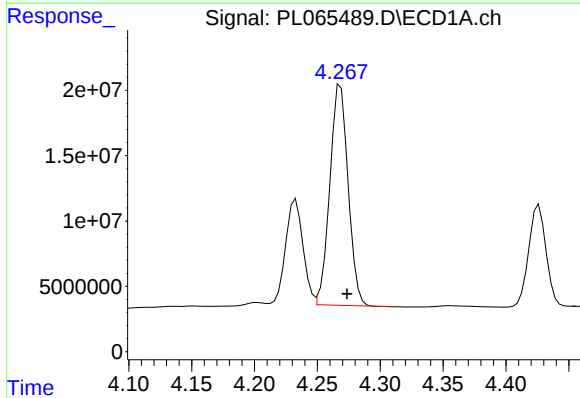
R.T.: 3.983 min  
Delta R.T.: -0.004 min  
Response: 179108569  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



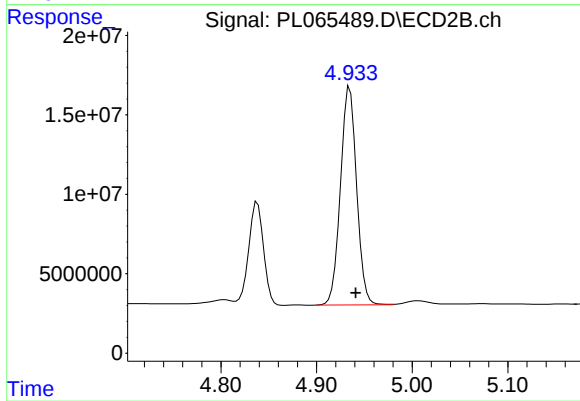
#3 gamma-BHC (Lindane)

R.T.: 4.449 min  
Delta R.T.: -0.006 min  
Response: 167063897  
Conc: 45.75 ng/ml



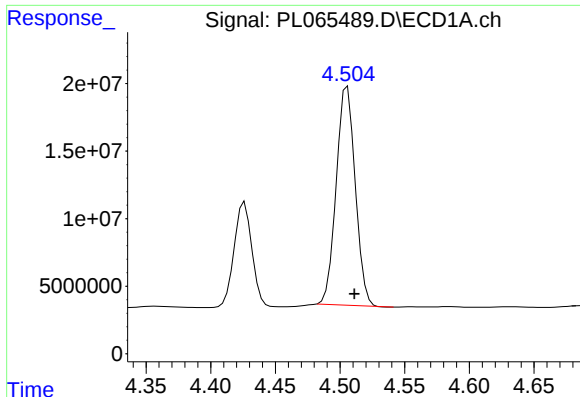
#4 Heptachlor

R.T.: 4.269 min  
Delta R.T.: -0.005 min  
Response: 170481921  
Conc: 52.09 ng/ml



#4 Heptachlor

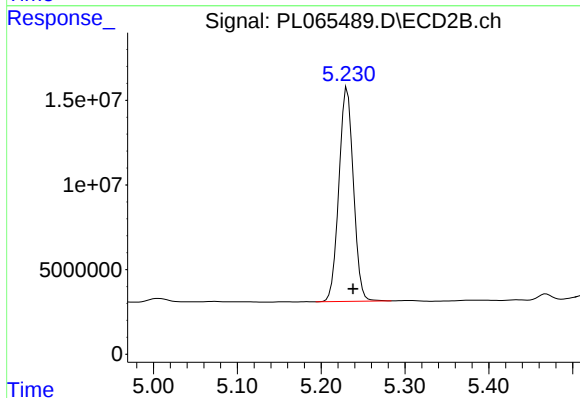
R.T.: 4.935 min  
Delta R.T.: -0.006 min  
Response: 161839833  
Conc: 48.53 ng/ml



#5 Aldrin

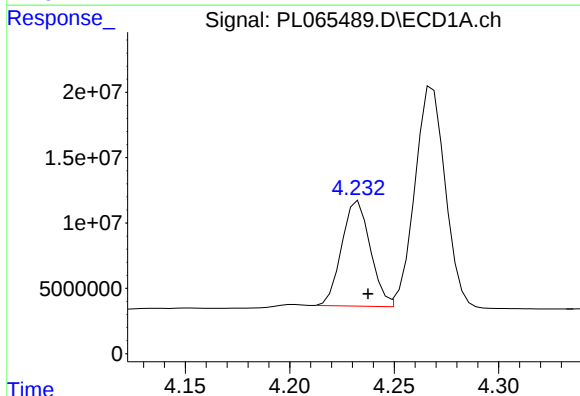
R.T.: 4.506 min  
Delta R.T.: -0.005 min  
Response: 165531269  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



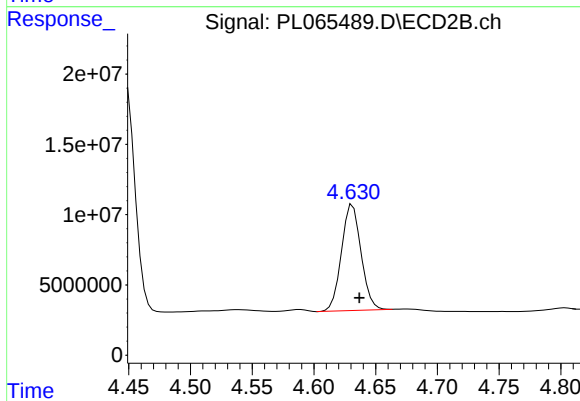
#5 Aldrin

R.T.: 5.231 min  
Delta R.T.: -0.007 min  
Response: 151742024  
Conc: 46.33 ng/ml



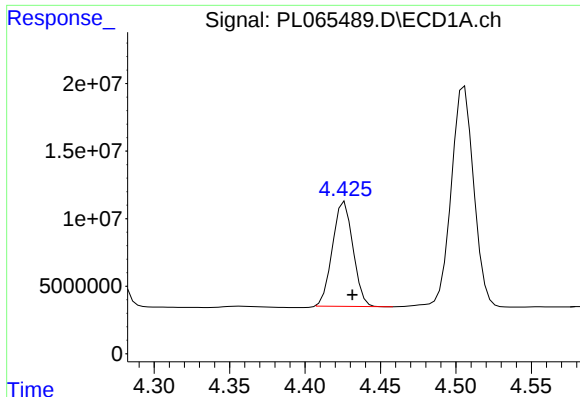
#6 beta-BHC

R.T.: 4.233 min  
Delta R.T.: -0.005 min  
Response: 76685998  
Conc: 54.23 ng/ml



#6 beta-BHC

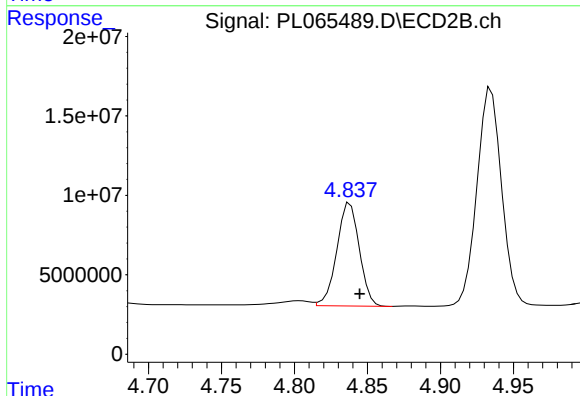
R.T.: 4.631 min  
Delta R.T.: -0.005 min  
Response: 83165425  
Conc: 48.28 ng/ml



#7 delta-BHC

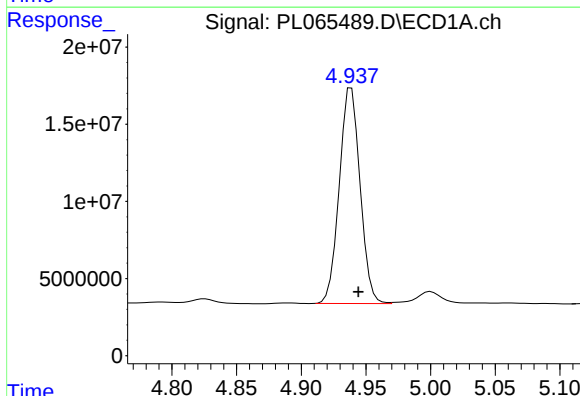
R.T.: 4.426 min  
Delta R.T.: -0.005 min  
Response: 73386515  
Conc: 22.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



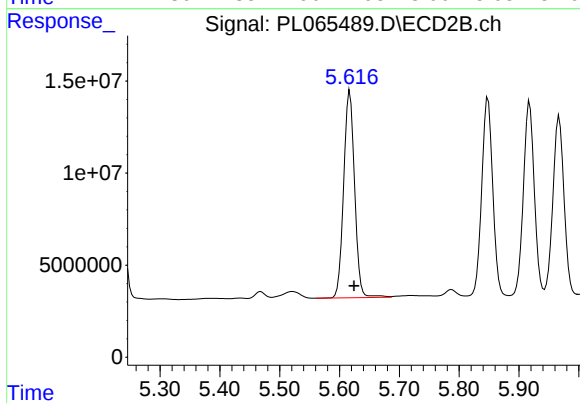
#7 delta-BHC

R.T.: 4.838 min  
Delta R.T.: -0.007 min  
Response: 69635149  
Conc: 23.30 ng/ml



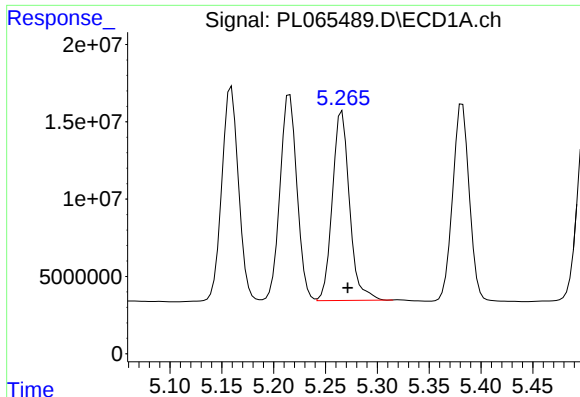
#8 Heptachlor epoxide

R.T.: 4.939 min  
Delta R.T.: -0.005 min  
Response: 156025716  
Conc: 52.76 ng/ml



#8 Heptachlor epoxide

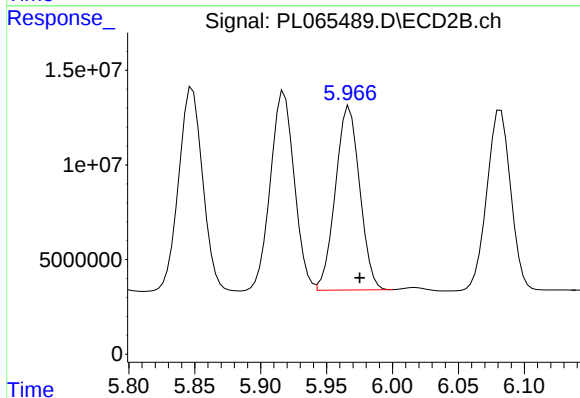
R.T.: 5.617 min  
Delta R.T.: -0.007 min  
Response: 142727466  
Conc: 49.37 ng/ml



#9 Endosulfan I

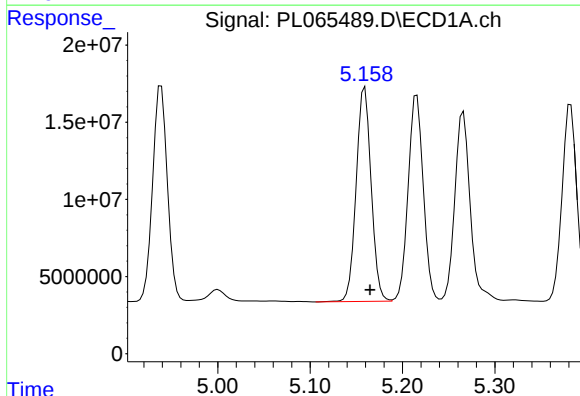
R.T.: 5.266 min  
Delta R.T.: -0.005 min  
Response: 140842887  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



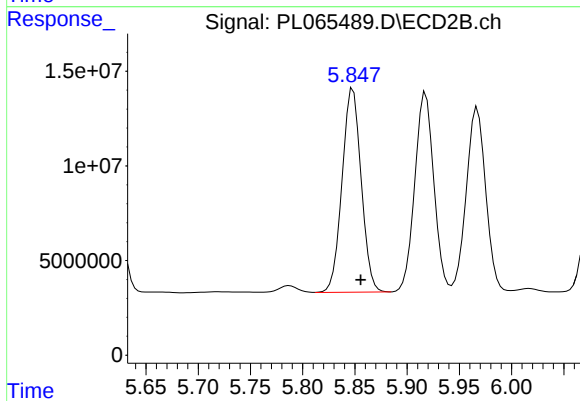
#9 Endosulfan I

R.T.: 5.967 min  
Delta R.T.: -0.008 min  
Response: 124388874  
Conc: 47.25 ng/ml



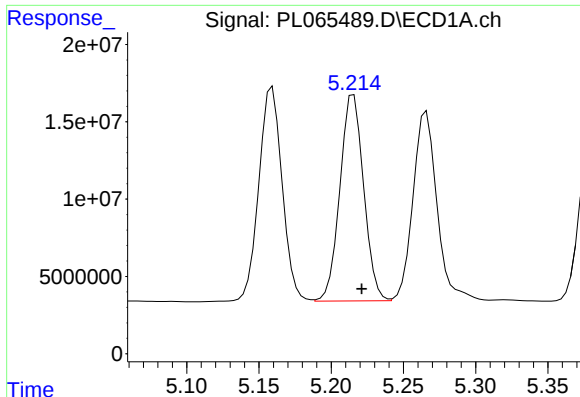
#10 gamma-Chlordane

R.T.: 5.159 min  
Delta R.T.: -0.006 min  
Response: 156440778  
Conc: 52.98 ng/ml



#10 gamma-Chlordane

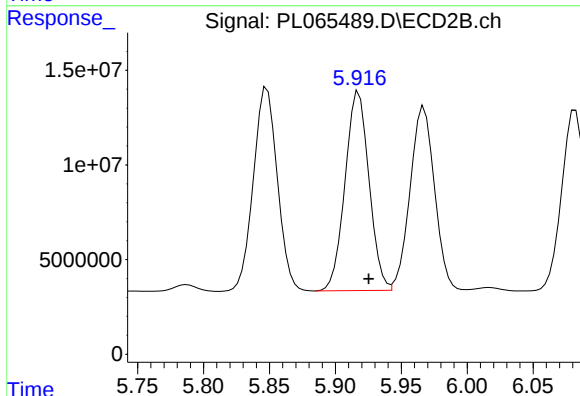
R.T.: 5.848 min  
Delta R.T.: -0.007 min  
Response: 136777145  
Conc: 49.01 ng/ml



#11 alpha-Chlordane

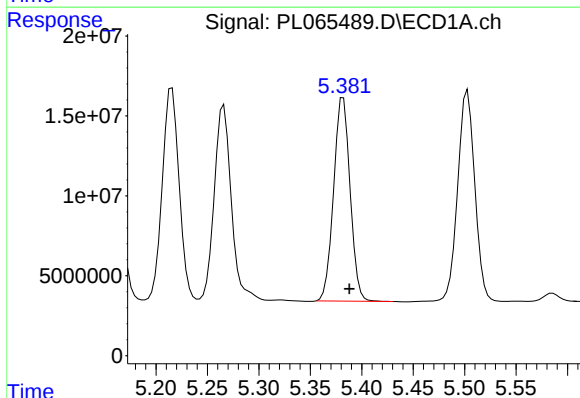
R.T.: 5.216 min  
Delta R.T.: -0.006 min  
Response: 152035346  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



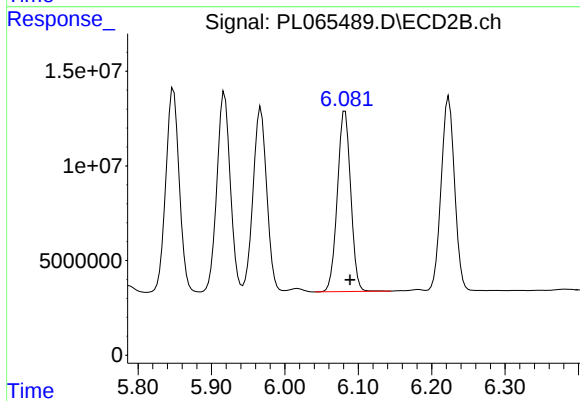
#11 alpha-Chlordane

R.T.: 5.918 min  
Delta R.T.: -0.007 min  
Response: 132898809  
Conc: 47.88 ng/ml



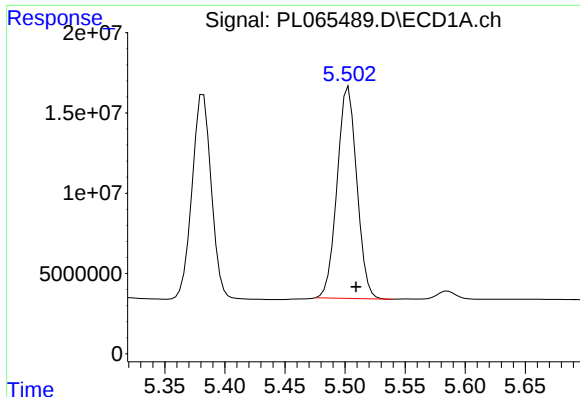
#12 4,4'-DDE

R.T.: 5.382 min  
Delta R.T.: -0.006 min  
Response: 141794334  
Conc: 53.88 ng/ml



#12 4,4'-DDE

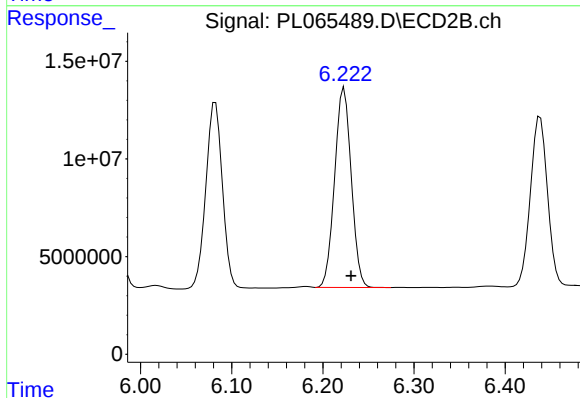
R.T.: 6.082 min  
Delta R.T.: -0.007 min  
Response: 120393853  
Conc: 48.34 ng/ml



#13 Dieldrin

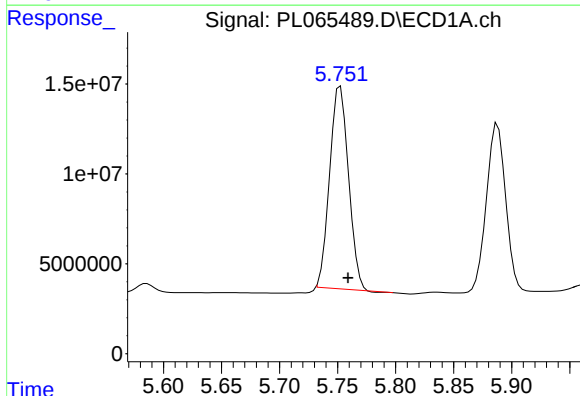
R.T.: 5.503 min  
Delta R.T.: -0.006 min  
Response: 150553722  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



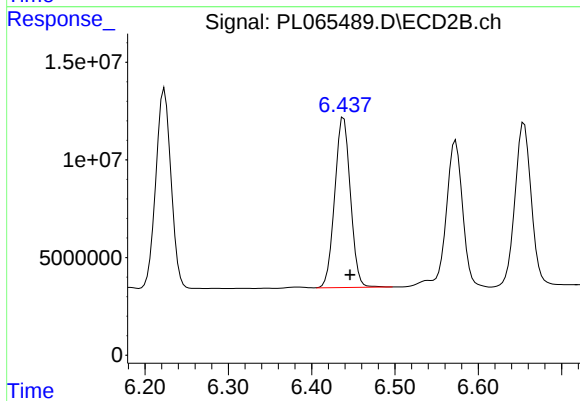
#13 Dieldrin

R.T.: 6.223 min  
Delta R.T.: -0.008 min  
Response: 129328072  
Conc: 47.54 ng/ml



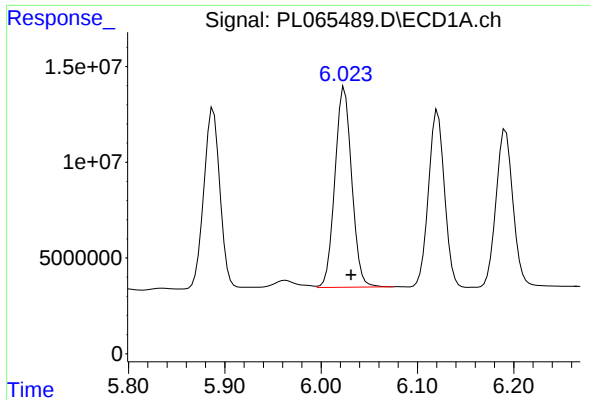
#14 Endrin

R.T.: 5.752 min  
Delta R.T.: -0.006 min  
Response: 126985659  
Conc: 50.86 ng/ml



#14 Endrin

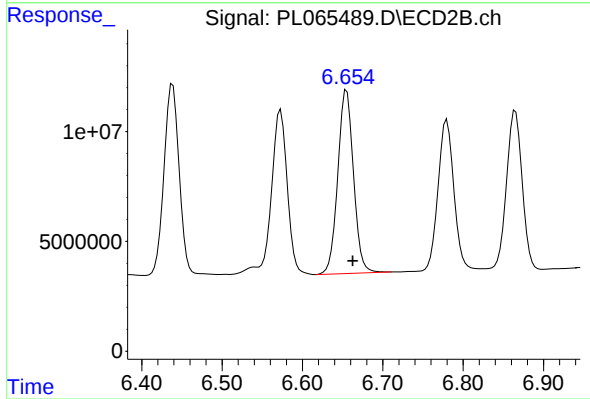
R.T.: 6.438 min  
Delta R.T.: -0.008 min  
Response: 113970809  
Conc: 51.60 ng/ml



#15 Endosulfan II

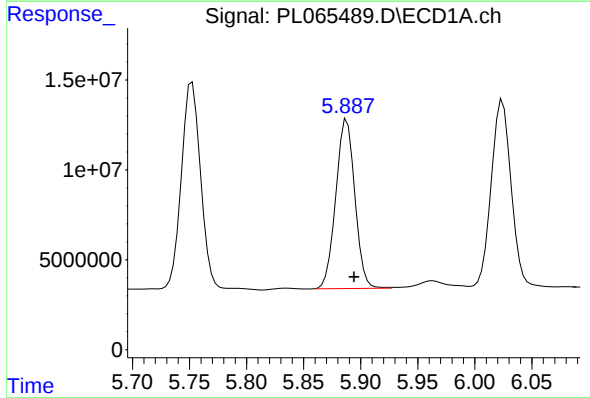
R.T.: 6.024 min  
Delta R.T.: -0.007 min  
Response: 126814262  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



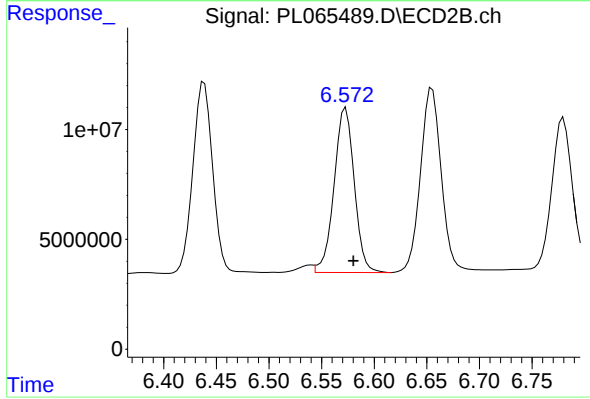
#15 Endosulfan II

R.T.: 6.655 min  
Delta R.T.: -0.008 min  
Response: 113643039  
Conc: 50.34 ng/ml



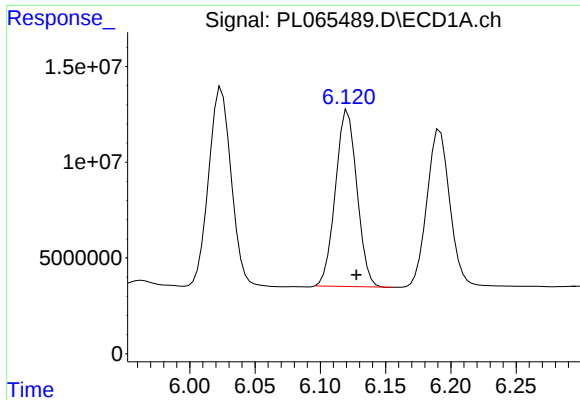
#16 4,4'-DDD

R.T.: 5.888 min  
Delta R.T.: -0.006 min  
Response: 109433236  
Conc: 49.51 ng/ml



#16 4,4'-DDD

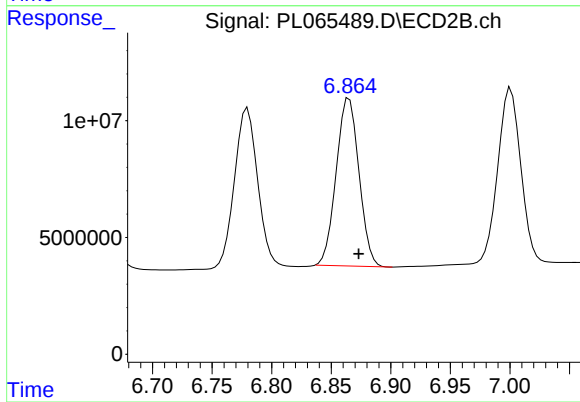
R.T.: 6.573 min  
Delta R.T.: -0.007 min  
Response: 100276914  
Conc: 45.59 ng/ml



#17 4,4'-DDT

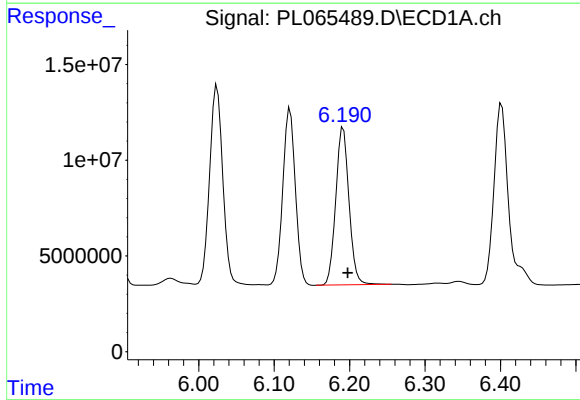
R.T.: 6.121 min  
Delta R.T.: -0.007 min  
Response: 105578972  
Conc: 55.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



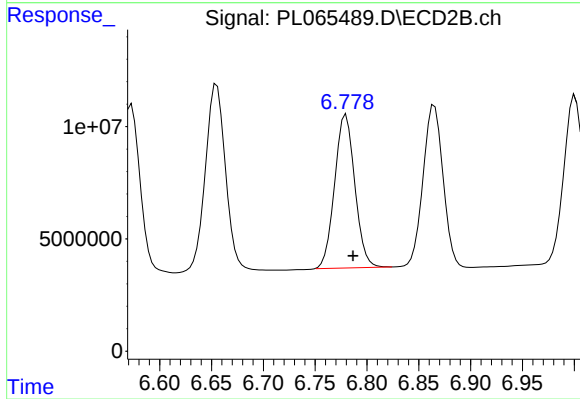
#17 4,4'-DDT

R.T.: 6.865 min  
Delta R.T.: -0.008 min  
Response: 95667304  
Conc: 48.74 ng/ml



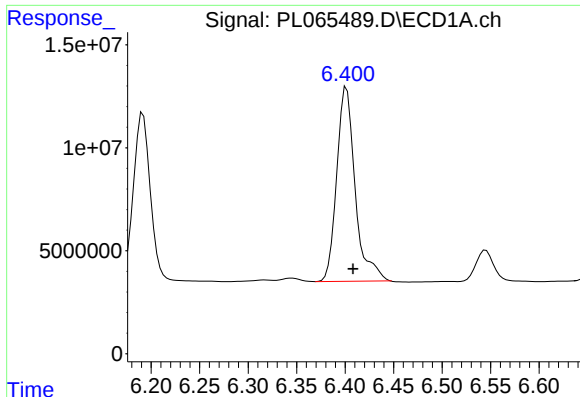
#18 Endrin aldehyde

R.T.: 6.192 min  
Delta R.T.: -0.006 min  
Response: 100381813  
Conc: 52.27 ng/ml



#18 Endrin aldehyde

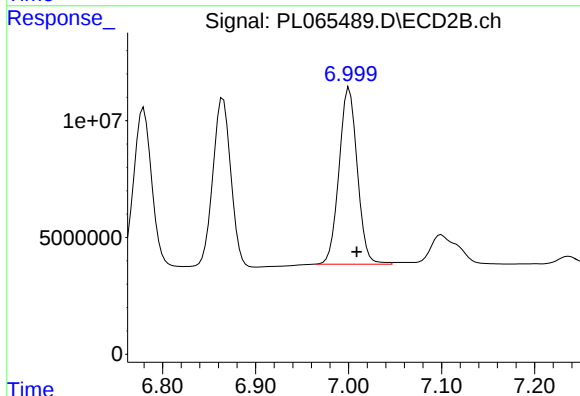
R.T.: 6.780 min  
Delta R.T.: -0.007 min  
Response: 92402850  
Conc: 52.75 ng/ml



#19 Endosulfan Sulfate

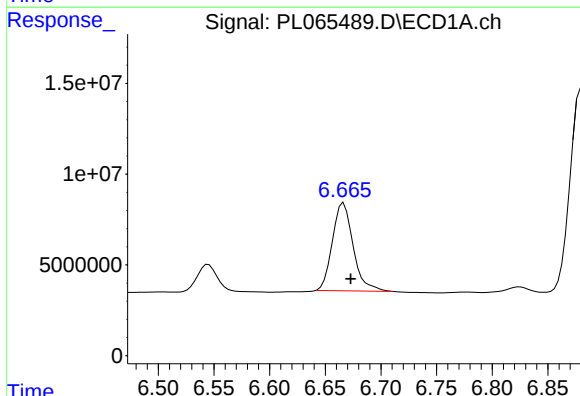
R.T.: 6.401 min  
Delta R.T.: -0.007 min  
Response: 124701157  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



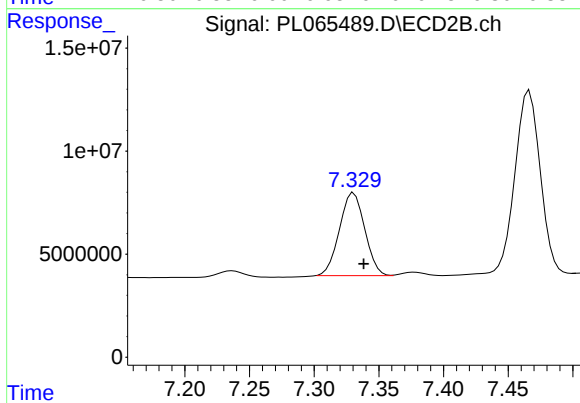
#19 Endosulfan Sulfate

R.T.: 7.001 min  
Delta R.T.: -0.008 min  
Response: 102857794  
Conc: 46.89 ng/ml



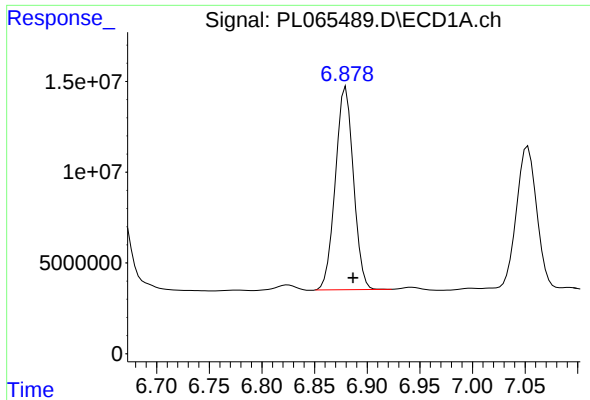
#20 Methoxychlor

R.T.: 6.667 min  
Delta R.T.: -0.006 min  
Response: 62857034  
Conc: 54.82 ng/ml



#20 Methoxychlor

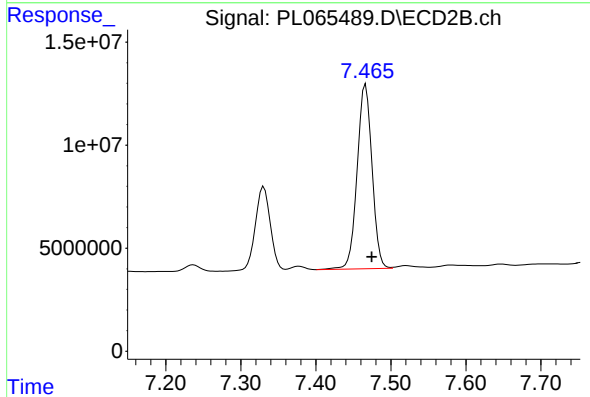
R.T.: 7.331 min  
Delta R.T.: -0.008 min  
Response: 54663193  
Conc: 52.34 ng/ml



#21 Endrin ketone

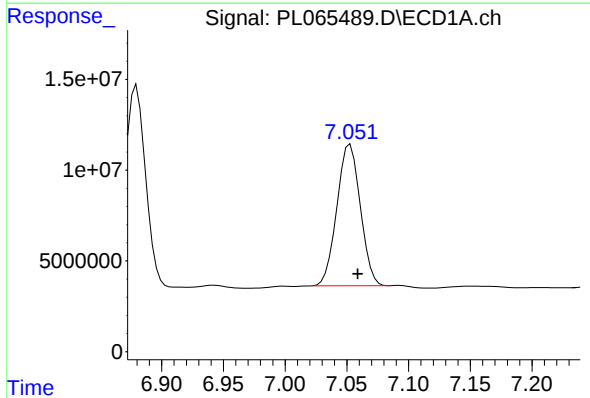
R.T.: 6.880 min  
Delta R.T.: -0.007 min  
Response: 133597126  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



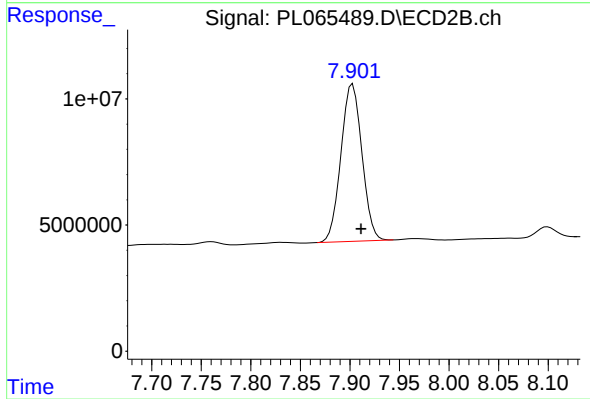
#21 Endrin ketone

R.T.: 7.466 min  
Delta R.T.: -0.008 min  
Response: 123362217  
Conc: 52.29 ng/ml



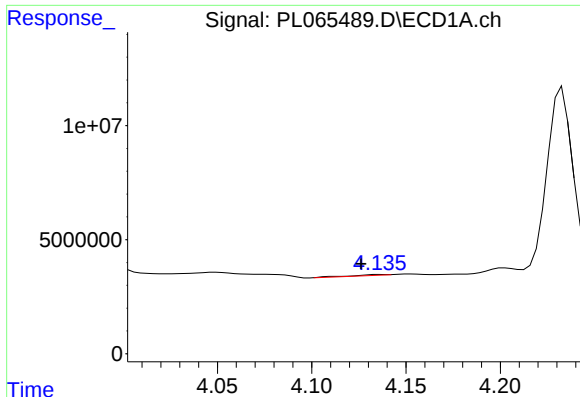
#22 Mirex

R.T.: 7.053 min  
Delta R.T.: -0.006 min  
Response: 102877436  
Conc: 50.52 ng/ml



#22 Mirex

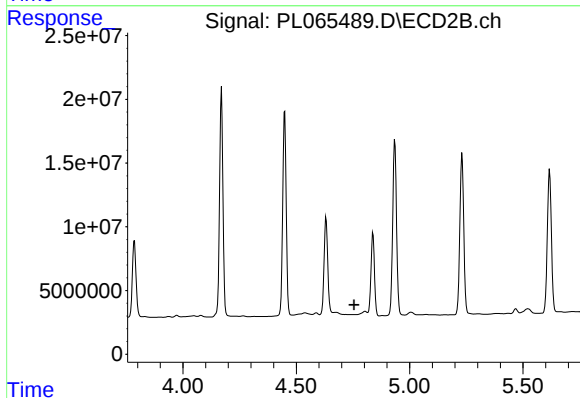
R.T.: 7.903 min  
Delta R.T.: -0.009 min  
Response: 91951273  
Conc: 55.24 ng/ml



#23 Chlordane-1

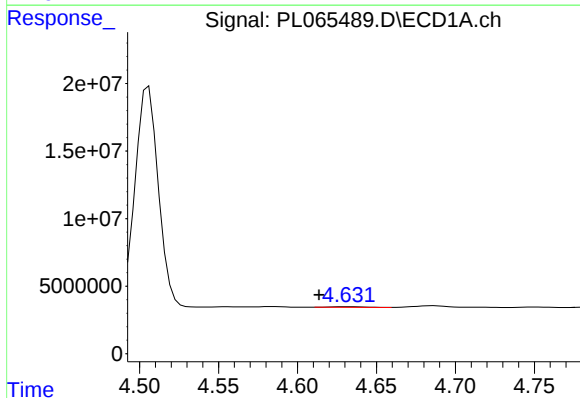
R.T.: 4.136 min  
Delta R.T.: 0.010 min  
Response: 459653  
Conc: 5.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



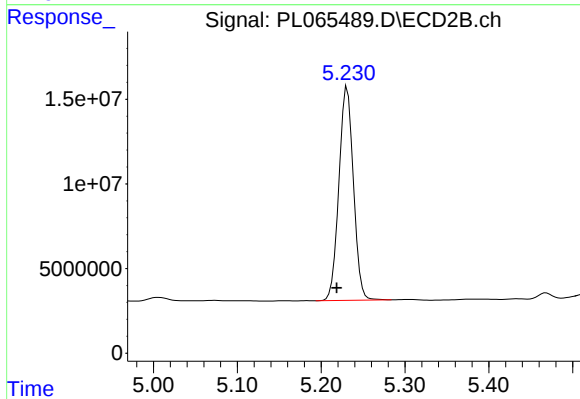
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.755 min  
Response: 0  
Conc: N.D.



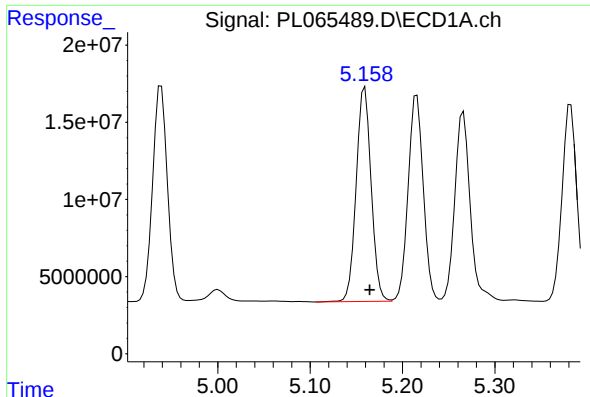
#24 Chlordane-2

R.T.: 4.632 min  
Delta R.T.: 0.018 min  
Response: 692324  
Conc: 6.38 ng/ml



#24 Chlordane-2

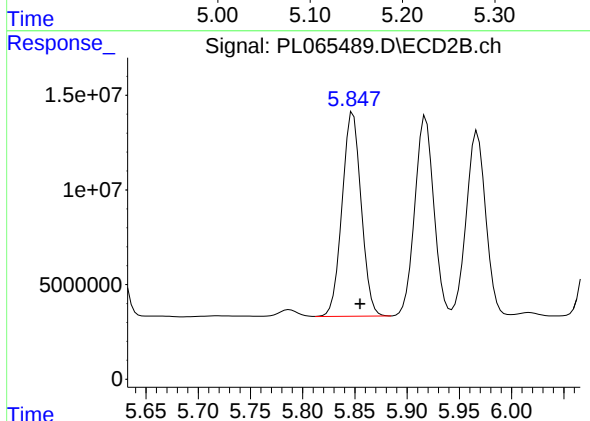
R.T.: 5.231 min  
Delta R.T.: 0.013 min  
Response: 151742024  
Conc: 1393.24 ng/ml



#25 Chlordane-3

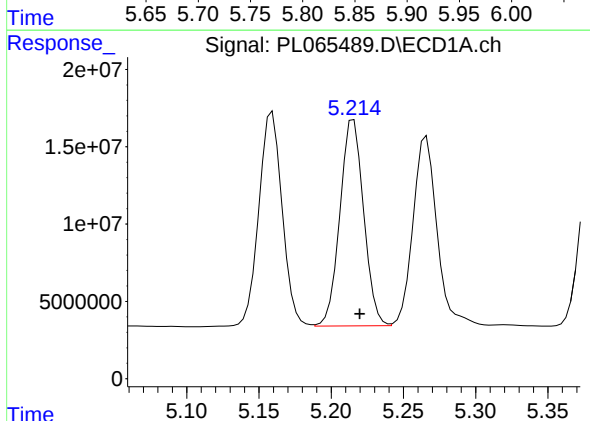
R.T.: 5.159 min  
Delta R.T.: -0.006 min  
Response: 156440778  
Conc: 524.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



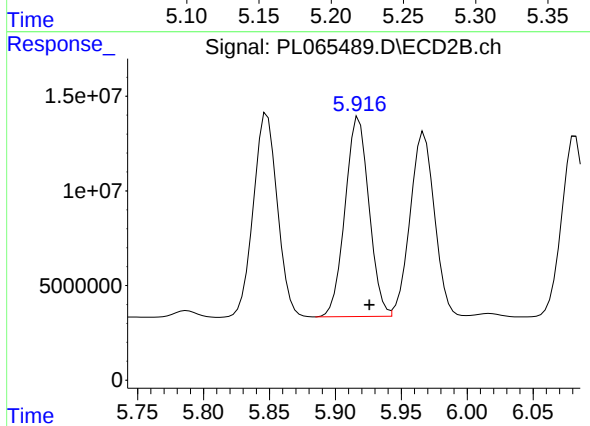
#25 Chlordane-3

R.T.: 5.848 min  
Delta R.T.: -0.007 min  
Response: 136777145  
Conc: 335.55 ng/ml



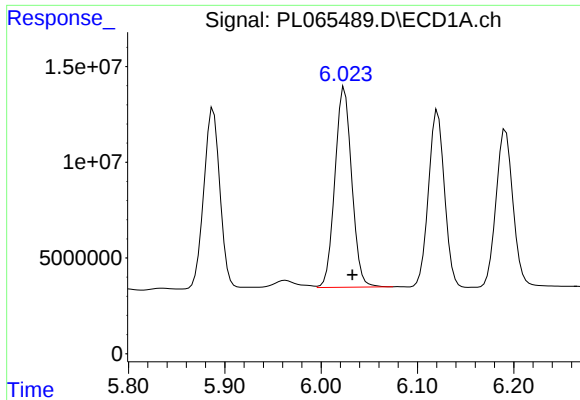
#26 Chlordane-4

R.T.: 5.216 min  
Delta R.T.: -0.004 min  
Response: 152035346  
Conc: 558.06 ng/ml



#26 Chlordane-4

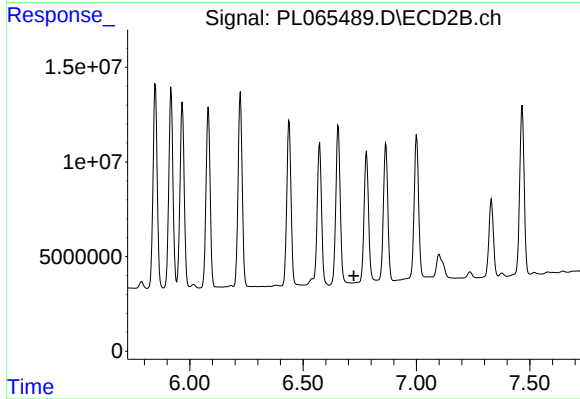
R.T.: 5.918 min  
Delta R.T.: -0.008 min  
Response: 132898809  
Conc: 276.26 ng/ml



#27 Chlordane-5

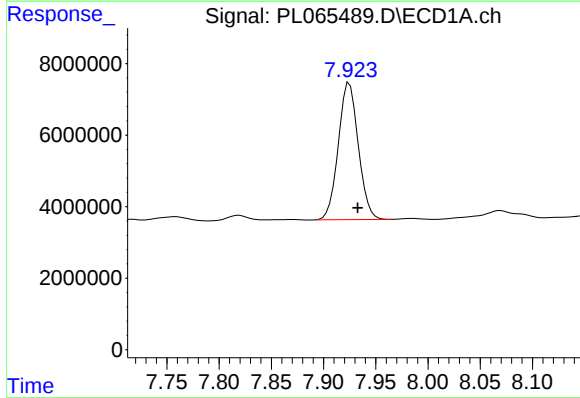
R.T.: 6.024 min  
Delta R.T.: -0.008 min  
Response: 126814262  
Conc: 1268.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MSD



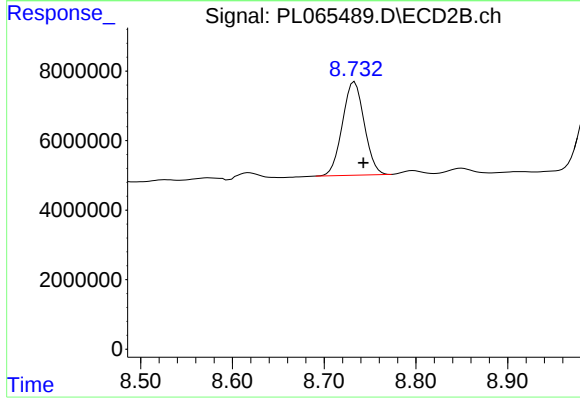
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.724 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: -0.008 min  
Response: 50944342  
Conc: 21.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: -0.010 min  
Response: 44507658  
Conc: 22.45 ng/ml