

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010320\  
 Data File : PL055512.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2020 22:29  
 Operator : AJ\MA  
 Sample : K6113-20MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 OR-02-123119MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 04 01:14:35 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 04 01:07:28 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... | 3.502 | 4.013 | 166.5E6 | 53195208 | 17.282 | 18.808   |
| 28)                         | SA Decachlor... | 8.264 | 9.084 | 185.5E6 | 47742247 | 21.933 | 21.557   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.942 | 4.402 | 760.8E6 | 216.2E6  | 47.154 | 51.078   |
| 3)                          | MA gamma-BHC... | 4.226 | 4.686 | 701.3E6 | 197.9E6  | 46.704 | 50.169   |
| 4)                          | MA Heptachlor   | 4.530 | 5.192 | 687.7E6 | 173.8E6  | 46.658 | 48.266   |
| 5)                          | MB Aldrin       | 4.779 | 5.496 | 691.6E6 | 164.3E6  | 47.766 | 51.046   |
| 6)                          | B beta-BHC      | 4.476 | 4.857 | 282.4E6 | 82048805 | 45.571 | 46.902   |
| 7)                          | B delta-BHC     | 4.682 | 5.073 | 644.3E6 | 178.1E6  | 45.668 | 61.146 # |
| 8)                          | B Heptachlo...  | 5.222 | 5.881 | 649.1E6 | 157.6E6  | 50.876 | 63.685 # |
| 9)                          | A Endosulfan I  | 5.562 | 6.238 | 618.0E6 | 145.2E6  | 51.374 | 52.730   |
| 10)                         | B gamma-Chl...  | 5.450 | 6.115 | 669.6E6 | 157.0E6  | 52.201 | 54.910   |
| 11)                         | B alpha-Chl...  | 5.508 | 6.188 | 644.4E6 | 150.9E6  | 50.857 | 52.155   |
| 12)                         | B 4,4'-DDE      | 5.671 | 6.346 | 612.4E6 | 147.1E6  | 52.754 | 53.984   |
| 13)                         | MA Dieldrin     | 5.805 | 6.495 | 671.4E6 | 151.3E6  | 53.189 | 54.093   |
| 14)                         | MA Endrin       | 6.063 | 6.714 | 619.9E6 | 130.8E6  | 53.364 | 54.298   |
| 15)                         | B Endosulfa...  | 6.336 | 6.924 | 545.8E6 | 135.3E6  | 54.825 | 51.544   |
| 16)                         | A 4,4'-DDD      | 6.187 | 6.837 | 475.1E6 | 118.9E6  | 57.091 | 55.364   |
| 17)                         | MA 4,4'-DDT     | 6.428 | 7.136 | 406.5E6 | 113.1E6  | 46.895 | 46.809   |
| 18)                         | B Endrin al...  | 6.504 | 7.048 | 453.4E6 | 108.6E6  | 50.540 | 52.482   |
| 19)                         | B Endosulfa...  | 6.717 | 7.272 | 524.5E6 | 125.6E6  | 60.848 | 55.089   |
| 20)                         | A Methoxychlor  | 6.973 | 7.596 | 181.0E6 | 59197522 | 39.269 | 49.127 # |
| 21)                         | B Endrin ke...  | 7.209 | 7.744 | 583.5E6 | 134.4E6  | 50.351 | 55.567   |
| 22)                         | Mirex           | 7.399 | 8.200 | 367.2E6 | 89704854 | 58.574 | 52.673   |
| -----                       |                 |       |       |         |          |        |          |

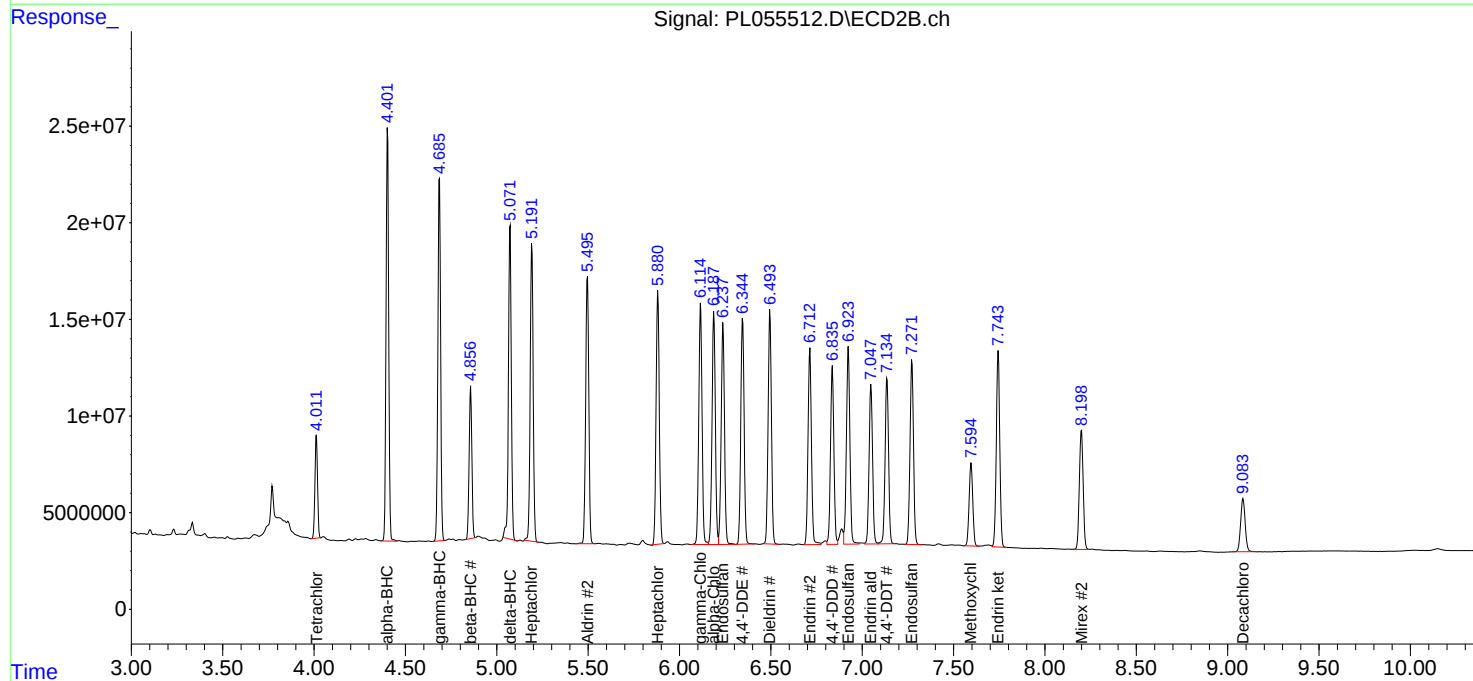
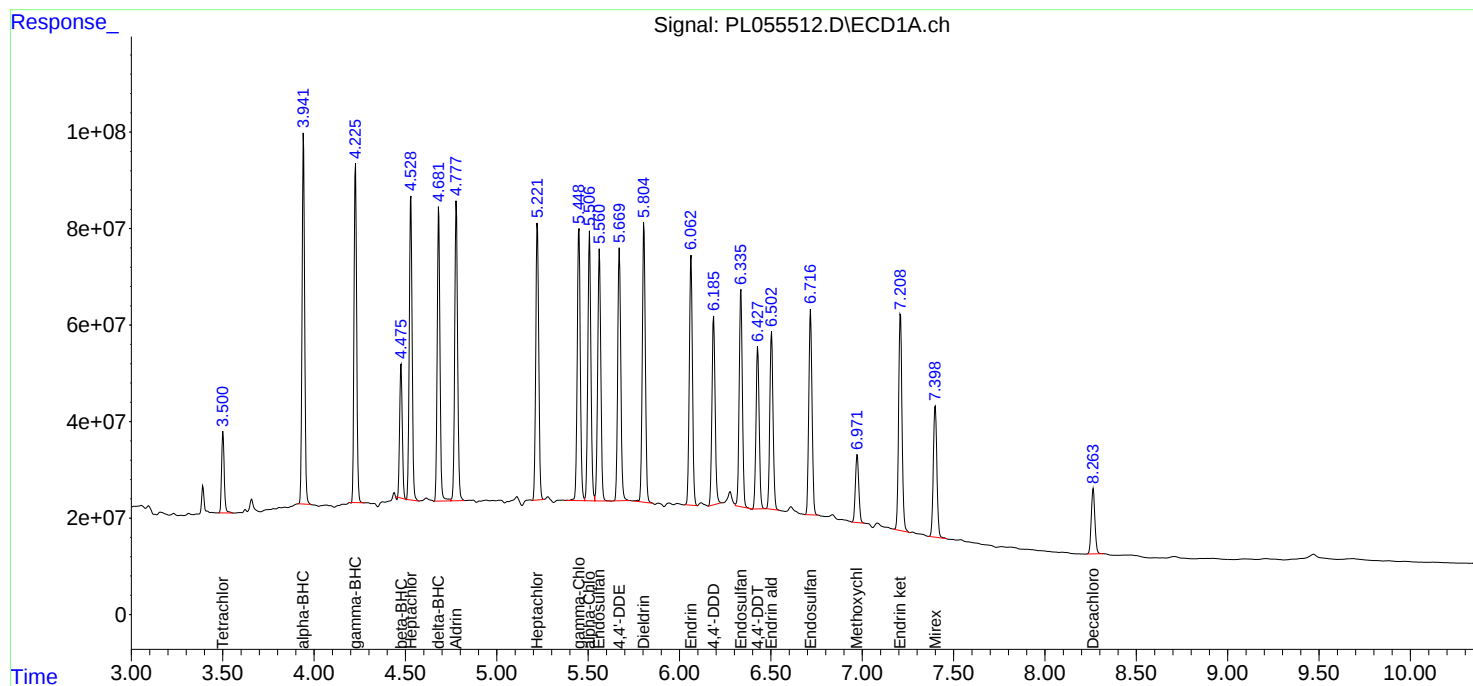
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

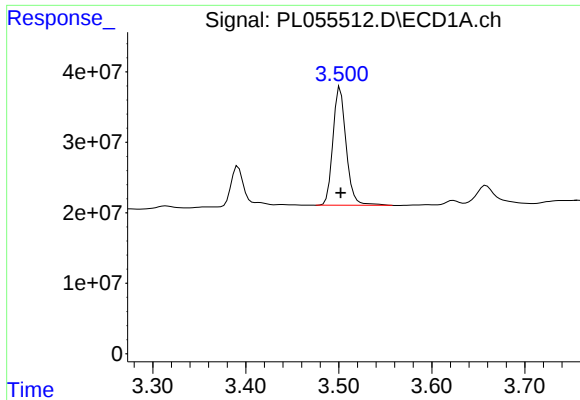
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010320\  
Data File : PL055512.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2020 22:29  
Operator : AJ\MA  
Sample : K6113-20MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 01:14:35 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010320.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 04 01:07:28 2020  
Response via : Initial Calibration  
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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

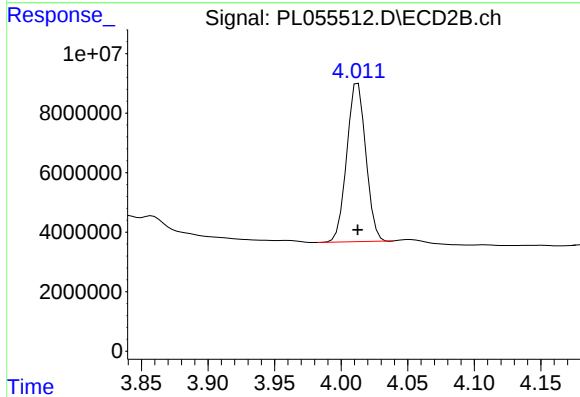




#1 Tetrachloro-m-xylene

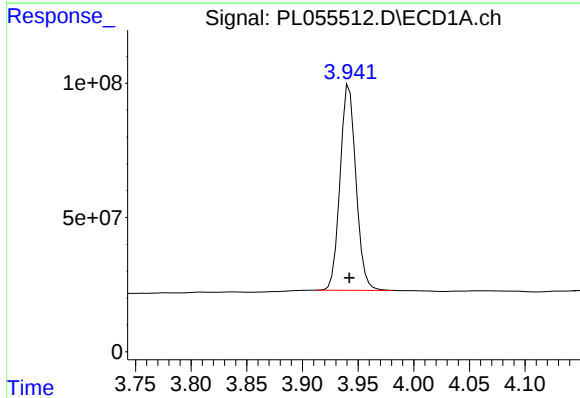
R.T.: 3.502 min  
Delta R.T.: 0.000 min  
Response: 166474000  
Conc: 17.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



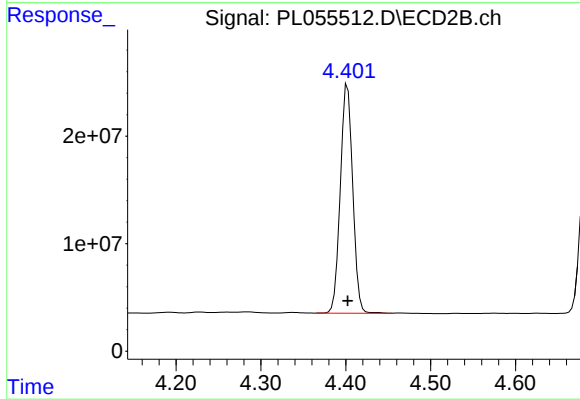
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 53195208  
Conc: 18.81 ng/ml



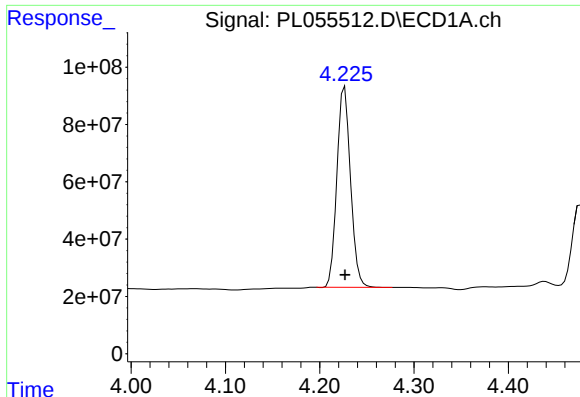
#2 alpha-BHC

R.T.: 3.942 min  
Delta R.T.: 0.000 min  
Response: 760784245  
Conc: 47.15 ng/ml



#2 alpha-BHC

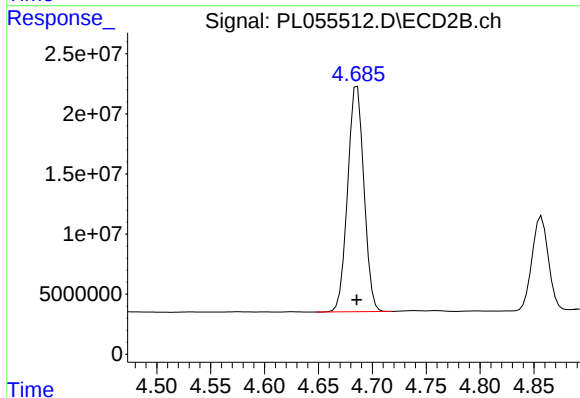
R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 216161453  
Conc: 51.08 ng/ml



#3 gamma-BHC (Lindane)

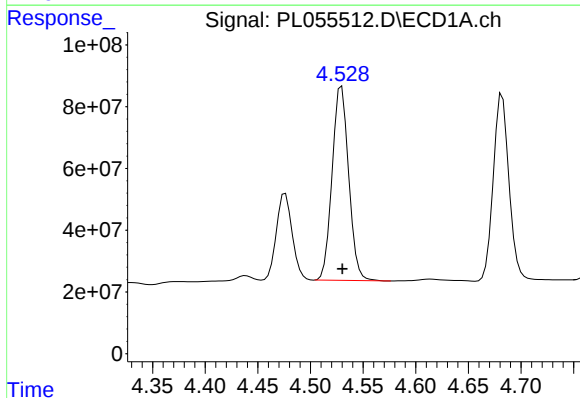
R.T.: 4.226 min  
Delta R.T.: 0.000 min  
Response: 701313922  
Conc: 46.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



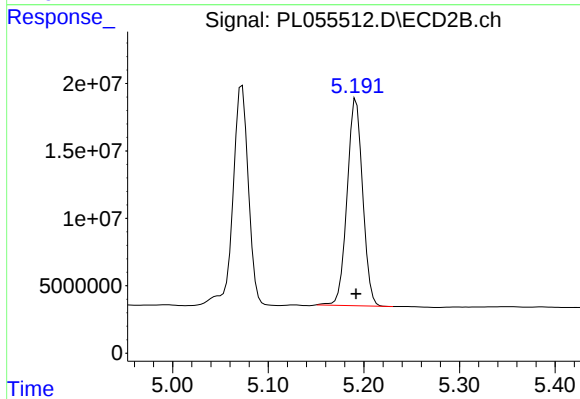
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 197942811  
Conc: 50.17 ng/ml



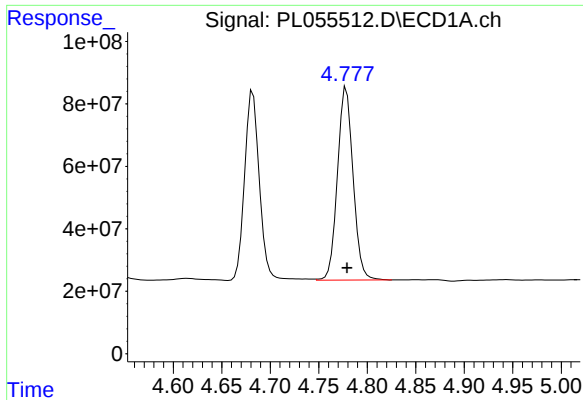
#4 Heptachlor

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 687737282  
Conc: 46.66 ng/ml



#4 Heptachlor

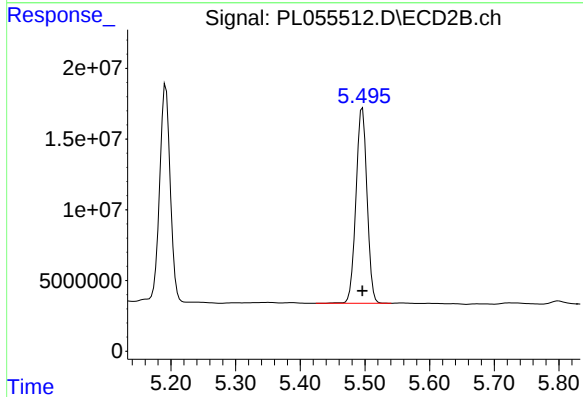
R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 173838840  
Conc: 48.27 ng/ml



#5 Aldrin

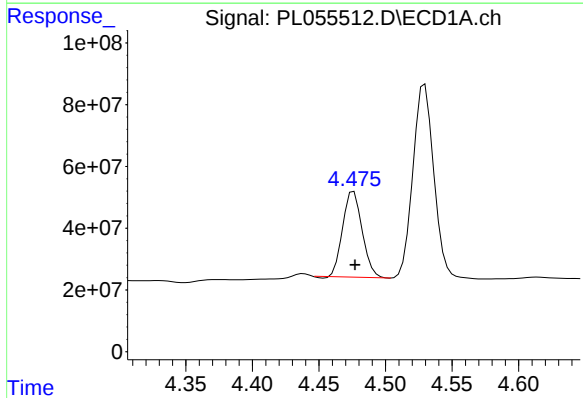
R.T.: 4.779 min  
Delta R.T.: 0.000 min  
Response: 691633354  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



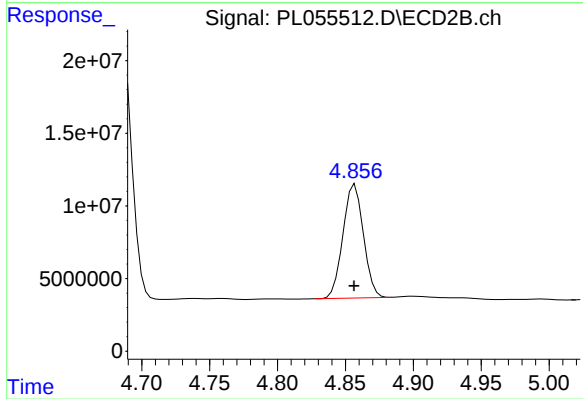
#5 Aldrin

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 164320362  
Conc: 51.05 ng/ml



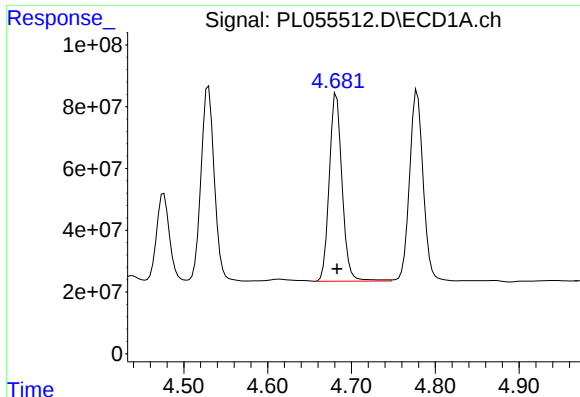
#6 beta-BHC

R.T.: 4.476 min  
Delta R.T.: -0.001 min  
Response: 282373002  
Conc: 45.57 ng/ml



#6 beta-BHC

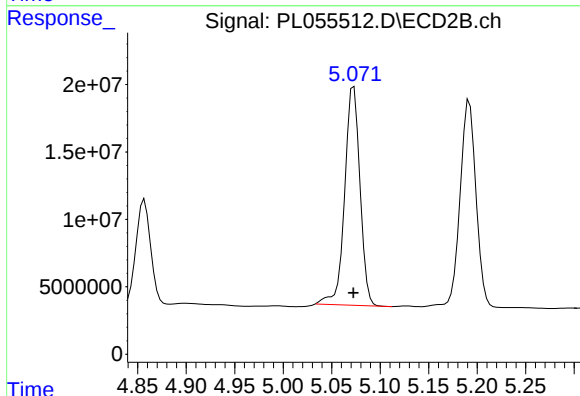
R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 82048805  
Conc: 46.90 ng/ml



#7 delta-BHC

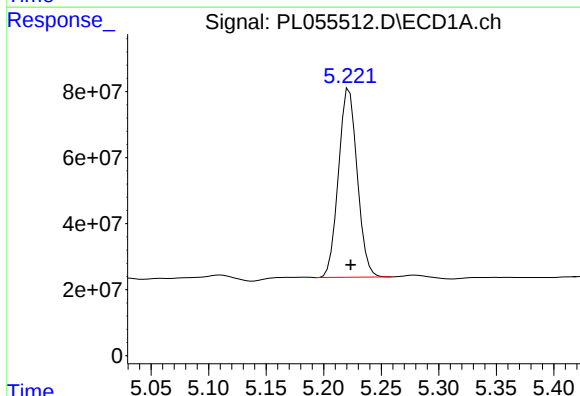
R.T.: 4.682 min  
Delta R.T.: -0.001 min  
Response: 644285755  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



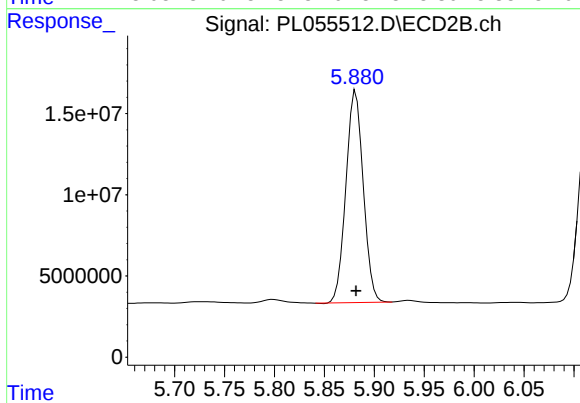
#7 delta-BHC

R.T.: 5.073 min  
Delta R.T.: 0.000 min  
Response: 178078144  
Conc: 61.15 ng/ml



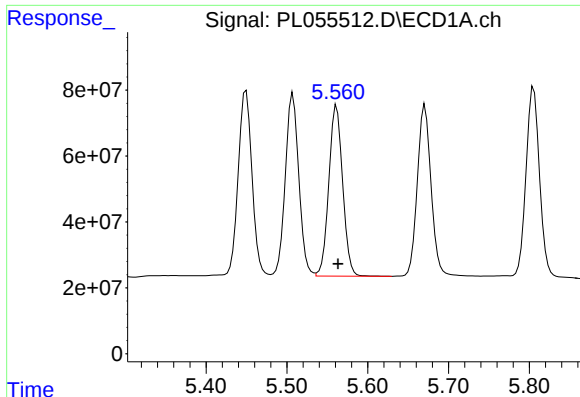
#8 Heptachlor epoxide

R.T.: 5.222 min  
Delta R.T.: -0.001 min  
Response: 649147374  
Conc: 50.88 ng/ml



#8 Heptachlor epoxide

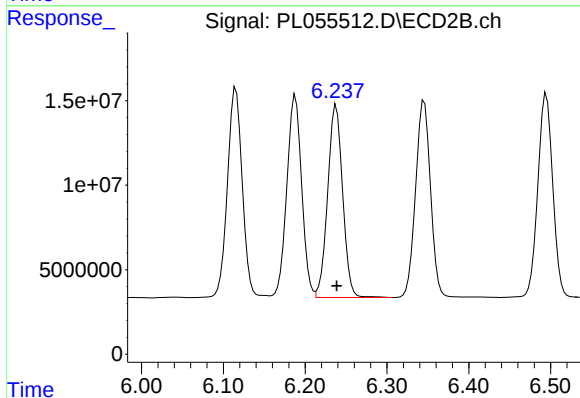
R.T.: 5.881 min  
Delta R.T.: 0.000 min  
Response: 157602230  
Conc: 63.69 ng/ml



#9 Endosulfan I

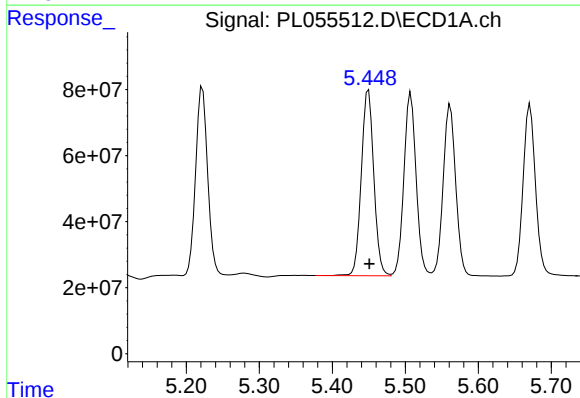
R.T.: 5.562 min  
Delta R.T.: -0.002 min  
Response: 618009819  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



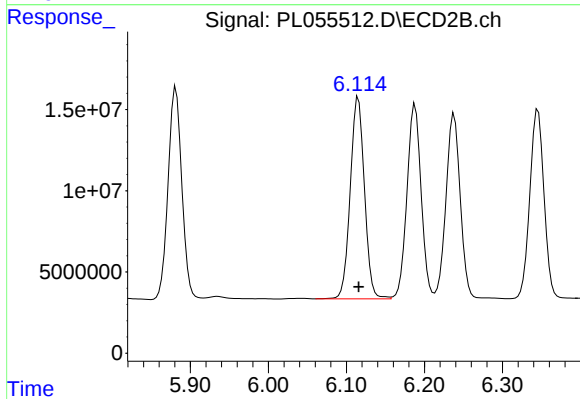
#9 Endosulfan I

R.T.: 6.238 min  
Delta R.T.: 0.000 min  
Response: 145244702  
Conc: 52.73 ng/ml



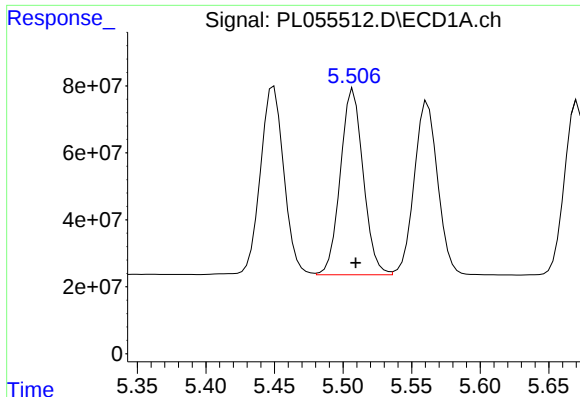
#10 gamma-Chlordane

R.T.: 5.450 min  
Delta R.T.: -0.001 min  
Response: 669619266  
Conc: 52.20 ng/ml



#10 gamma-Chlordane

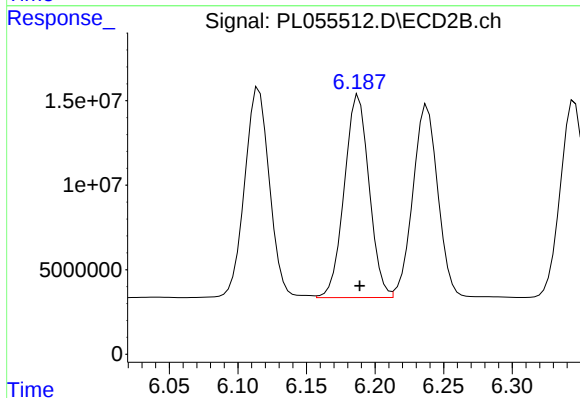
R.T.: 6.115 min  
Delta R.T.: 0.000 min  
Response: 156953779  
Conc: 54.91 ng/ml



#11 alpha-Chlordane

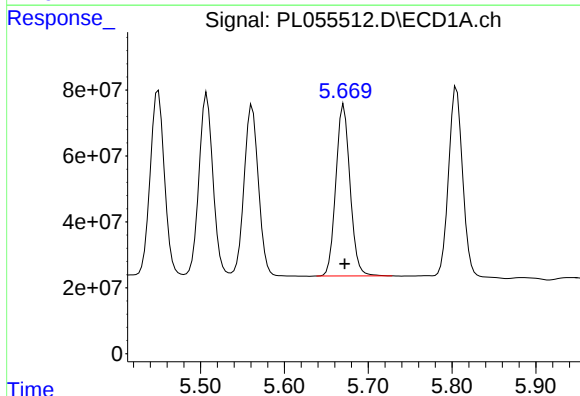
R.T.: 5.508 min  
Delta R.T.: -0.002 min  
Response: 644445724  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



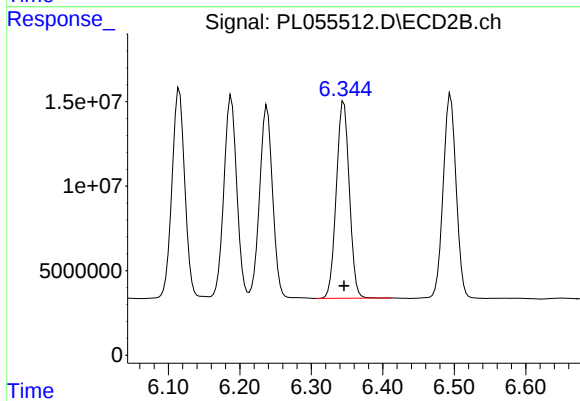
#11 alpha-Chlordane

R.T.: 6.188 min  
Delta R.T.: 0.000 min  
Response: 150914404  
Conc: 52.16 ng/ml



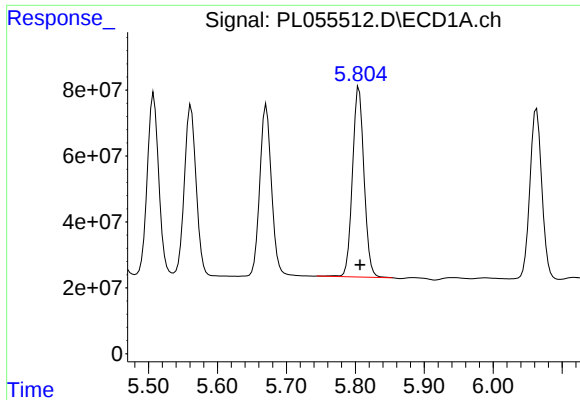
#12 4,4'-DDE

R.T.: 5.671 min  
Delta R.T.: -0.001 min  
Response: 612410613  
Conc: 52.75 ng/ml



#12 4,4'-DDE

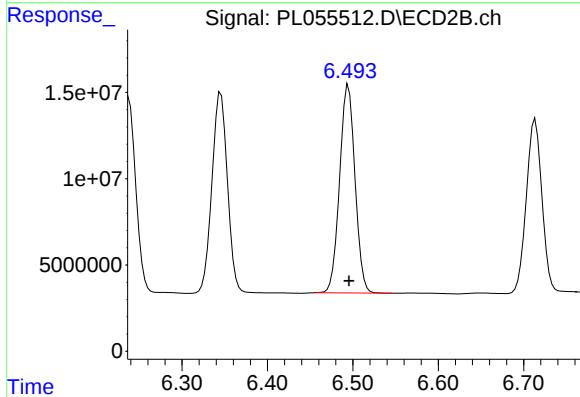
R.T.: 6.346 min  
Delta R.T.: 0.000 min  
Response: 147123401  
Conc: 53.98 ng/ml



#13 Dieldrin

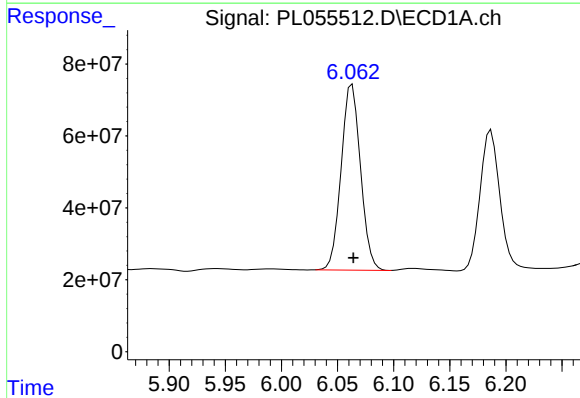
R.T.: 5.805 min  
Delta R.T.: -0.002 min  
Response: 671385987  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



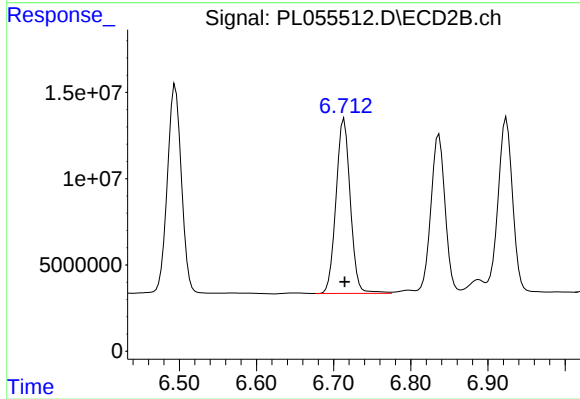
#13 Dieldrin

R.T.: 6.495 min  
Delta R.T.: 0.000 min  
Response: 151327159  
Conc: 54.09 ng/ml



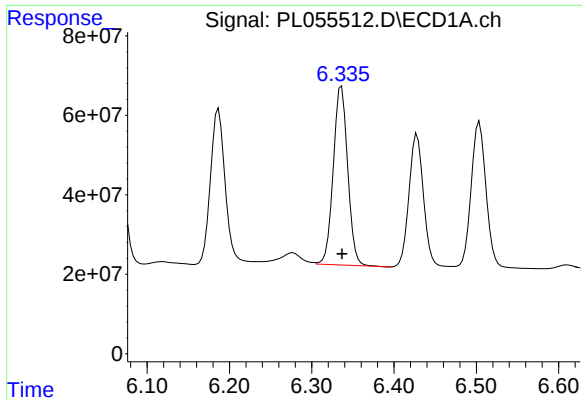
#14 Endrin

R.T.: 6.063 min  
Delta R.T.: -0.001 min  
Response: 619941707  
Conc: 53.36 ng/ml



#14 Endrin

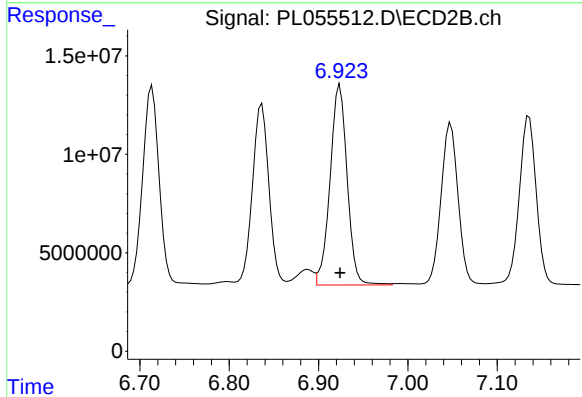
R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 130844880  
Conc: 54.30 ng/ml



#15 Endosulfan II

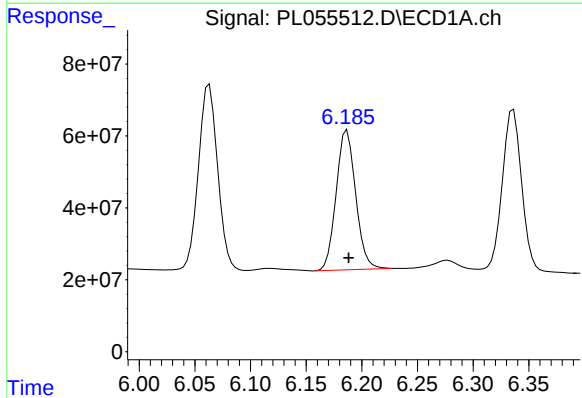
R.T.: 6.336 min  
Delta R.T.: 0.000 min  
Response: 545775413  
Conc: 54.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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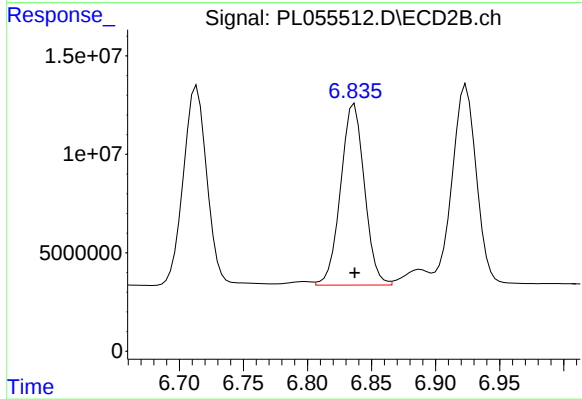
#15 Endosulfan II

R.T.: 6.924 min  
Delta R.T.: 0.000 min  
Response: 135265104  
Conc: 51.54 ng/ml



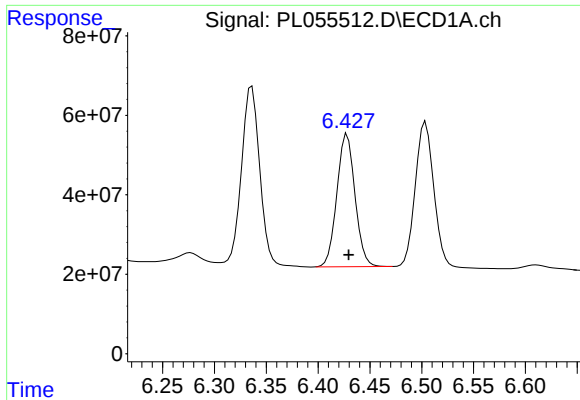
#16 4,4'-DDD

R.T.: 6.187 min  
Delta R.T.: -0.002 min  
Response: 475050652  
Conc: 57.09 ng/ml



#16 4,4'-DDD

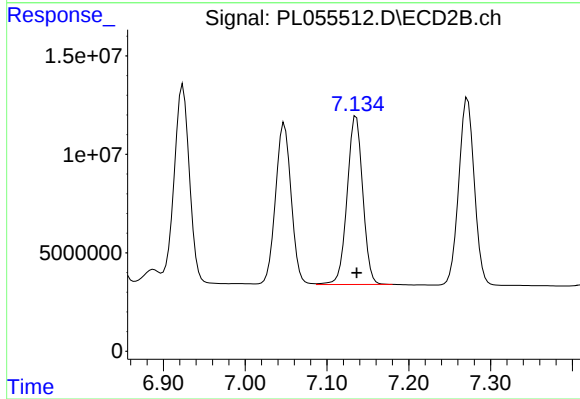
R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 118925954  
Conc: 55.36 ng/ml



#17 4,4'-DDT

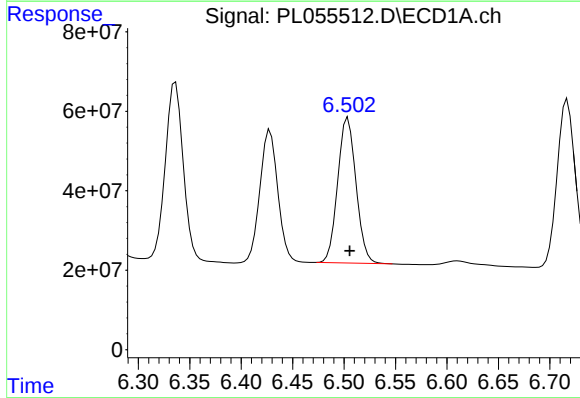
R.T.: 6.428 min  
Delta R.T.: -0.002 min  
Response: 406509817  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



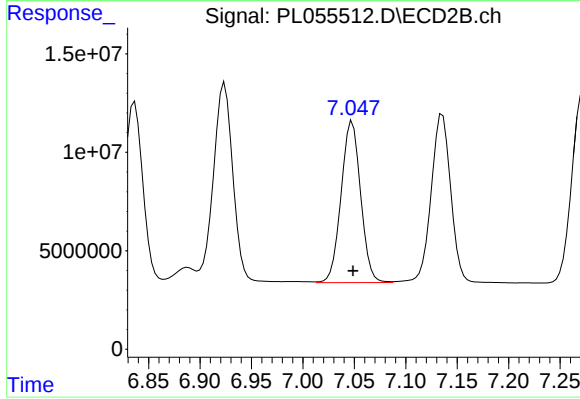
#17 4,4'-DDT

R.T.: 7.136 min  
Delta R.T.: 0.000 min  
Response: 113103264  
Conc: 46.81 ng/ml



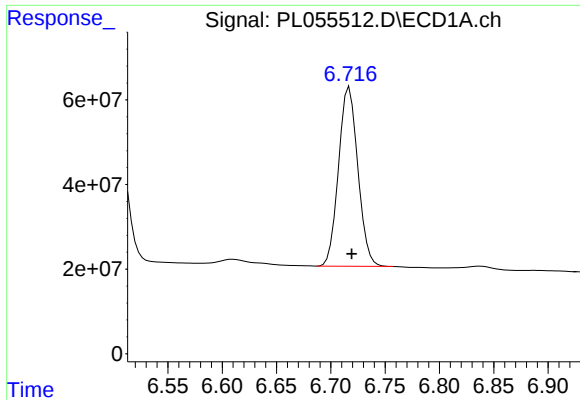
#18 Endrin aldehyde

R.T.: 6.504 min  
Delta R.T.: -0.002 min  
Response: 453430543  
Conc: 50.54 ng/ml



#18 Endrin aldehyde

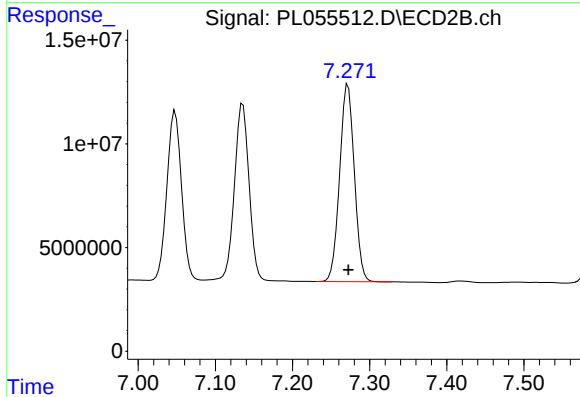
R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 108630220  
Conc: 52.48 ng/ml



#19 Endosulfan Sulfate

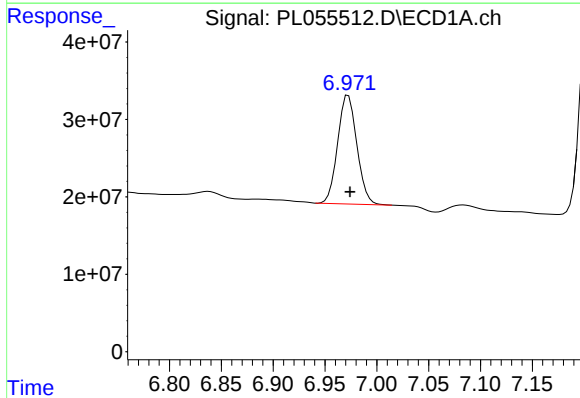
R.T.: 6.717 min  
Delta R.T.: -0.002 min  
Response: 524493044  
Conc: 60.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



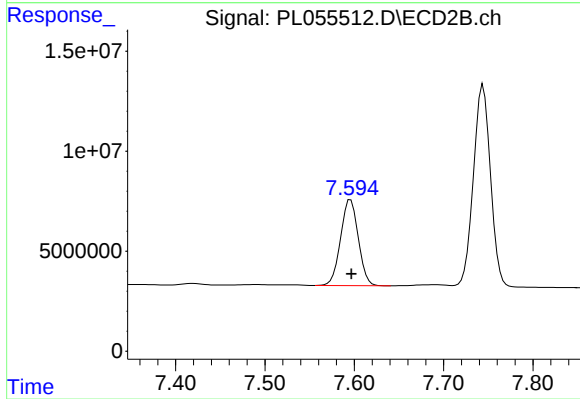
#19 Endosulfan Sulfate

R.T.: 7.272 min  
Delta R.T.: 0.000 min  
Response: 125594544  
Conc: 55.09 ng/ml



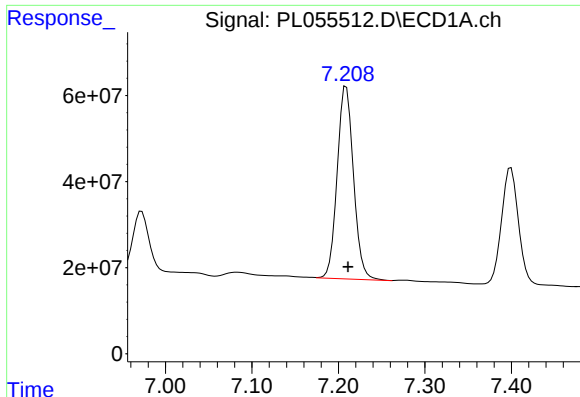
#20 Methoxychlor

R.T.: 6.973 min  
Delta R.T.: -0.002 min  
Response: 181038639  
Conc: 39.27 ng/ml



#20 Methoxychlor

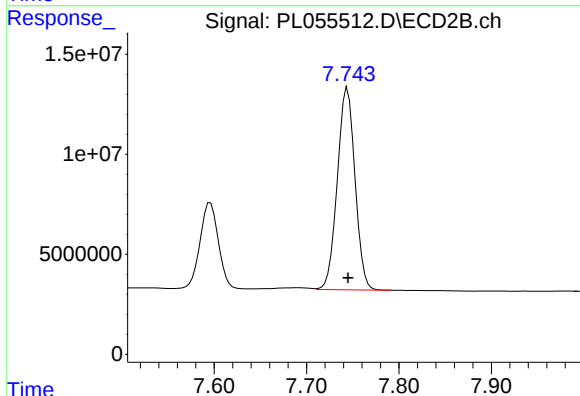
R.T.: 7.596 min  
Delta R.T.: 0.000 min  
Response: 59197522  
Conc: 49.13 ng/ml



#21 Endrin ketone

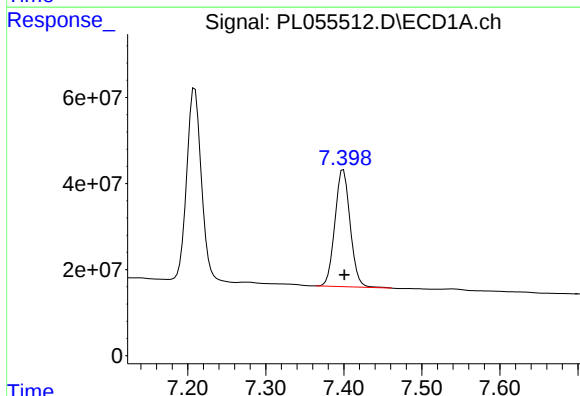
R.T.: 7.209 min  
Delta R.T.: -0.002 min  
Response: 583470291  
Conc: 50.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



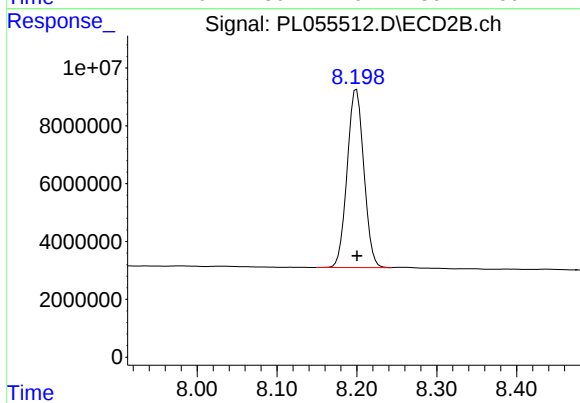
#21 Endrin ketone

R.T.: 7.744 min  
Delta R.T.: 0.000 min  
Response: 134379297  
Conc: 55.57 ng/ml



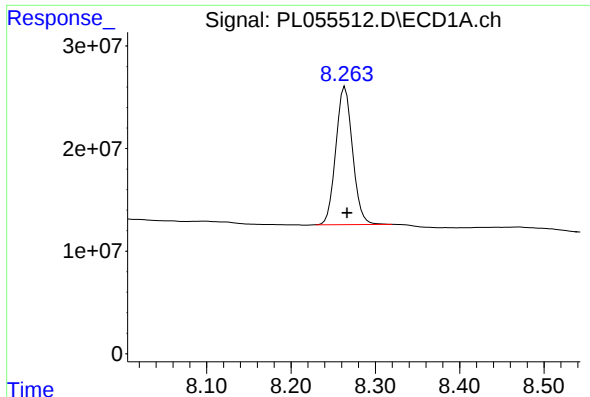
#22 Mirex

R.T.: 7.399 min  
Delta R.T.: -0.001 min  
Response: 367219186  
Conc: 58.57 ng/ml



#22 Mirex

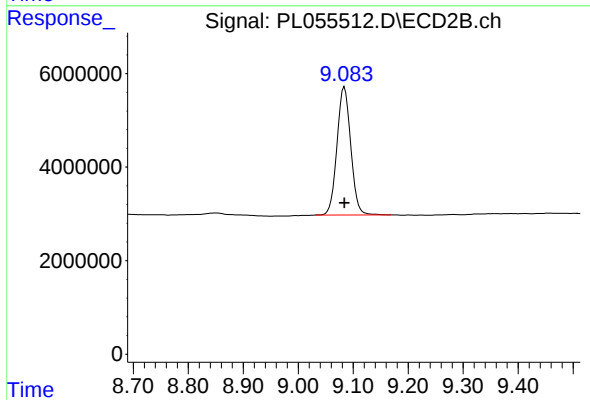
R.T.: 8.200 min  
Delta R.T.: 0.000 min  
Response: 89704854  
Conc: 52.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.264 min  
Delta R.T.: -0.002 min  
Response: 185518519  
Conc: 21.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
OR-02-123119MSD



#28 Decachlorobiphenyl

R.T.: 9.084 min  
Delta R.T.: 0.000 min  
Response: 47742247  
Conc: 21.56 ng/ml