

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032921\  
 Data File : PL065647.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Mar 2021 16:36  
 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: Mar 29 17:29:44 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... | 3.283 | 3.783 | 128.2E6  | 130.8E6  | 53.996 | 47.655 |
| 28)                         | SA Decachlor... | 7.919 | 8.731 | 105.1E6  | 99649566 | 43.506 | 50.274 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.706 | 4.168 | 203.1E6  | 194.6E6  | 54.311 | 47.885 |
| 3)                          | MA gamma-BHC... | 3.979 | 4.447 | 183.6E6  | 175.7E6  | 53.672 | 48.104 |
| 4)                          | MA Heptachlor   | 4.264 | 4.932 | 168.1E6  | 160.4E6  | 51.361 | 48.112 |
| 5)                          | MB Aldrin       | 4.501 | 5.229 | 170.3E6  | 155.1E6  | 53.738 | 47.354 |
| 6)                          | B beta-BHC      | 4.230 | 4.630 | 76338094 | 80605586 | 53.983 | 46.789 |
| 7)                          | B delta-BHC     | 4.423 | 4.837 | 179.7E6  | 166.4E6  | 54.038 | 55.665 |
| 8)                          | B Heptachlo...  | 4.933 | 5.615 | 152.5E6  | 145.8E6  | 51.566 | 50.429 |
| 9)                          | A Endosulfan I  | 5.260 | 5.965 | 142.3E6  | 130.8E6  | 52.201 | 49.697 |
| 10)                         | B gamma-Chl...  | 5.154 | 5.846 | 153.2E6  | 141.4E6  | 51.891 | 50.678 |
| 11)                         | B alpha-Chl...  | 5.210 | 5.915 | 150.1E6  | 139.1E6  | 51.586 | 50.115 |
| 12)                         | B 4,4'-DDE      | 5.376 | 6.080 | 135.2E6  | 123.6E6  | 51.386 | 49.636 |
| 13)                         | MA Dieldrin     | 5.497 | 6.221 | 143.4E6  | 132.8E6  | 51.227 | 48.814 |
| 14)                         | MA Endrin       | 5.746 | 6.436 | 116.0E6  | 103.5E6  | 46.466 | 46.850 |
| 15)                         | B Endosulfa...  | 6.019 | 6.653 | 120.1E6  | 110.3E6  | 49.043 | 48.851 |
| 16)                         | A 4,4'-DDD      | 5.882 | 6.571 | 122.6E6  | 112.7E6  | 55.474 | 51.248 |
| 17)                         | MA 4,4'-DDT     | 6.116 | 6.863 | 84757003 | 86663291 | 44.780 | 44.153 |
| 18)                         | B Endrin al...  | 6.186 | 6.777 | 91114444 | 88633664 | 47.449 | 50.593 |
| 19)                         | B Endosulfa...  | 6.396 | 6.999 | 125.4E6  | 113.8E6  | 50.744 | 51.860 |
| 20)                         | A Methoxychlor  | 6.661 | 7.329 | 49584001 | 49030989 | 43.248 | 46.948 |
| 21)                         | B Endrin ke...  | 6.874 | 7.465 | 138.5E6  | 128.1E6  | 51.509 | 54.297 |
| 22)                         | Mirex           | 7.046 | 7.900 | 99486342 | 88024167 | 48.856 | 52.884 |
| -----                       |                 |       |       |          |          |        |        |

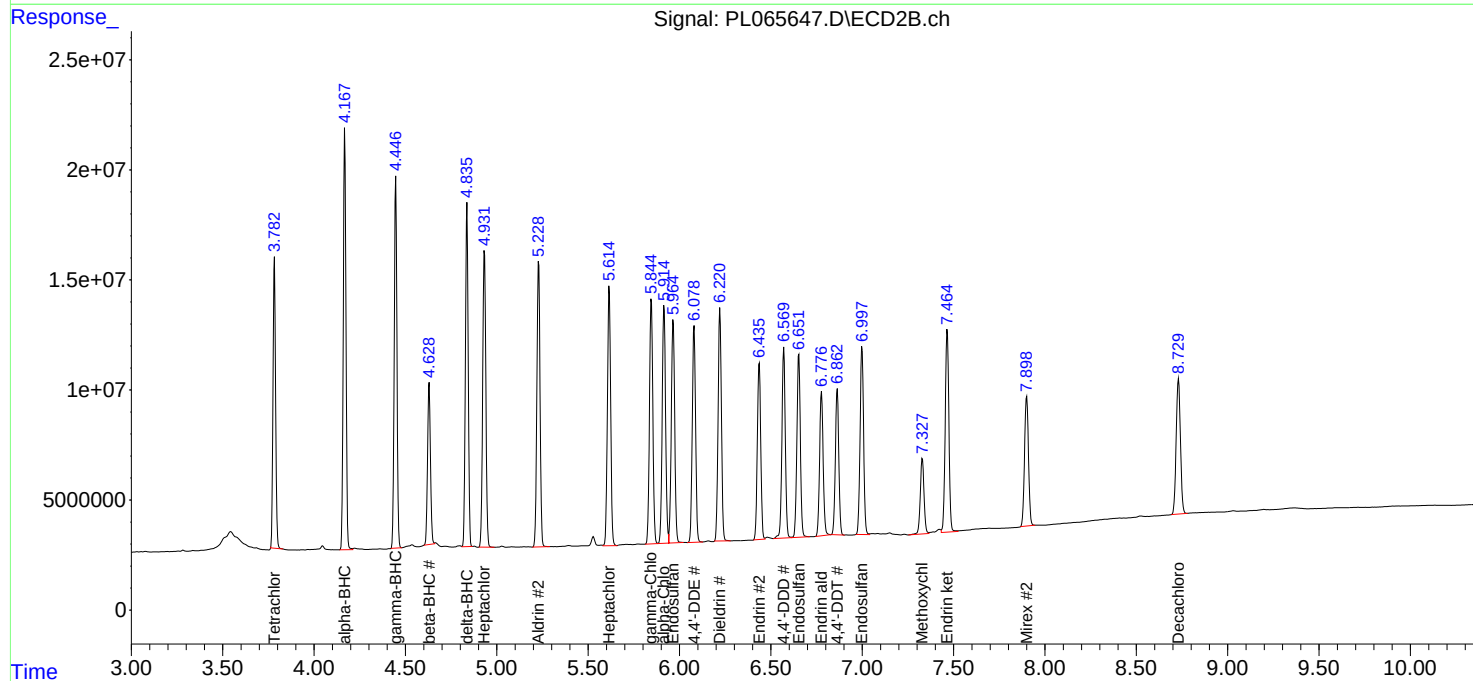
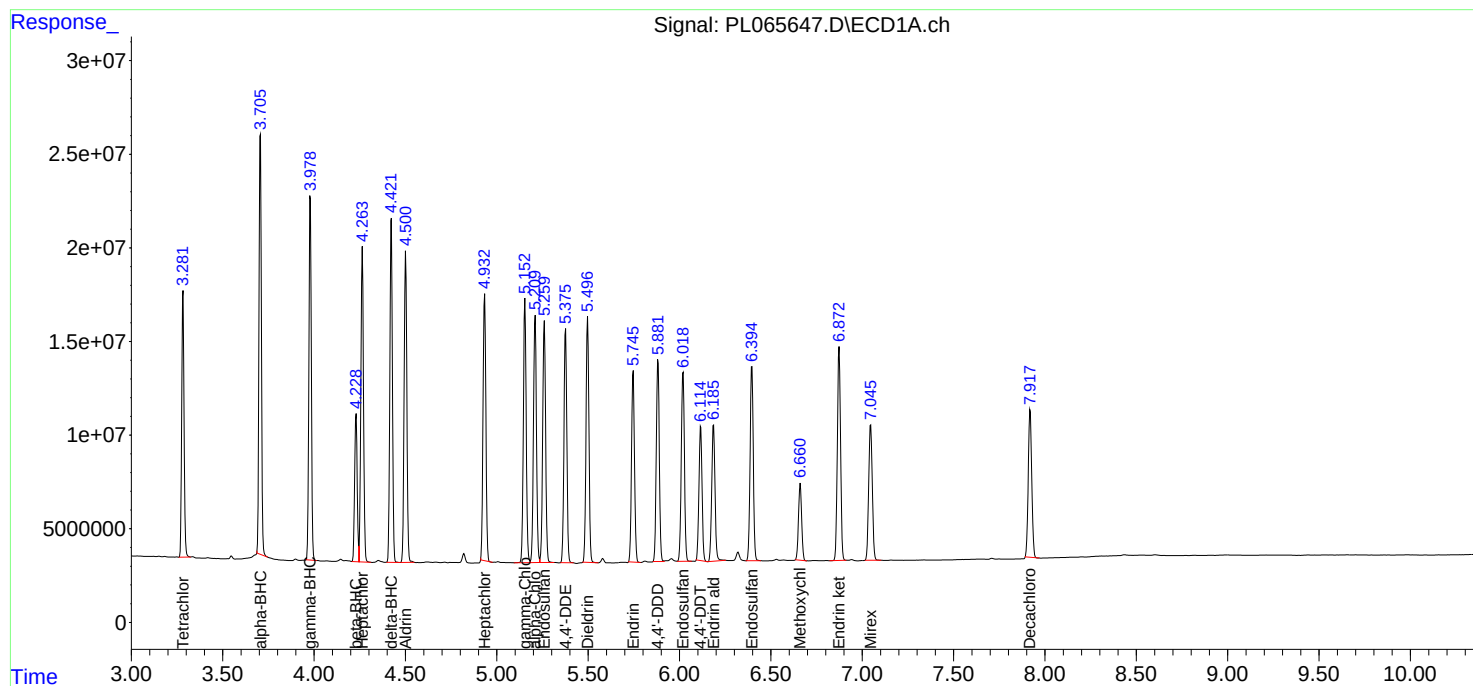
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

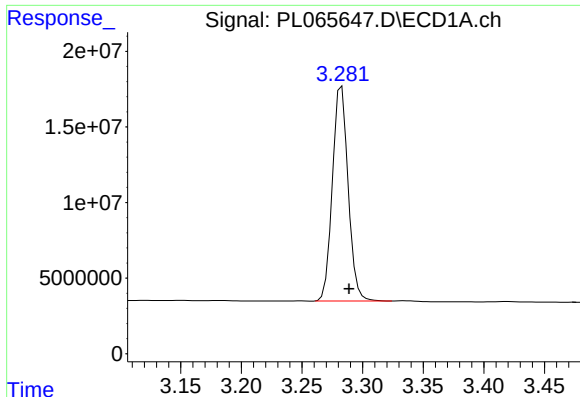
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032921\  
Data File : PL065647.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Mar 2021 16:36  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 17:29:44 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

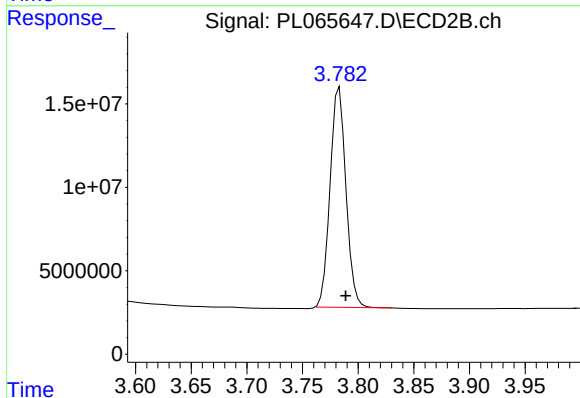




#1 Tetrachloro-m-xylene

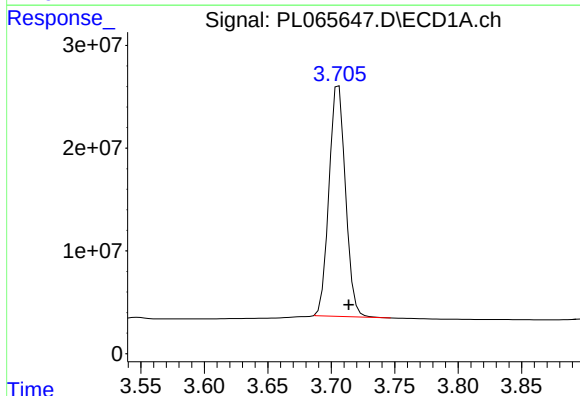
R.T.: 3.283 min  
Delta R.T.: -0.006 min  
Response: 128229237  
Conc: 54.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



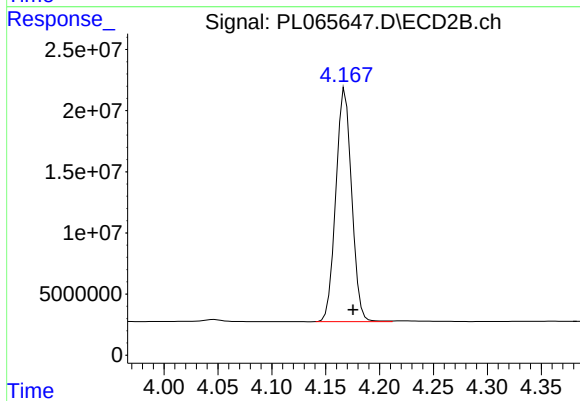
#1 Tetrachloro-m-xylene

R.T.: 3.783 min  
Delta R.T.: -0.006 min  
Response: 130800584  
Conc: 47.66 ng/ml



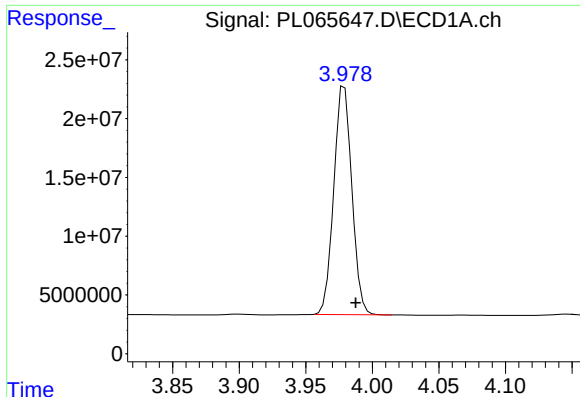
#2 alpha-BHC

R.T.: 3.706 min  
Delta R.T.: -0.008 min  
Response: 203052427  
Conc: 54.31 ng/ml



#2 alpha-BHC

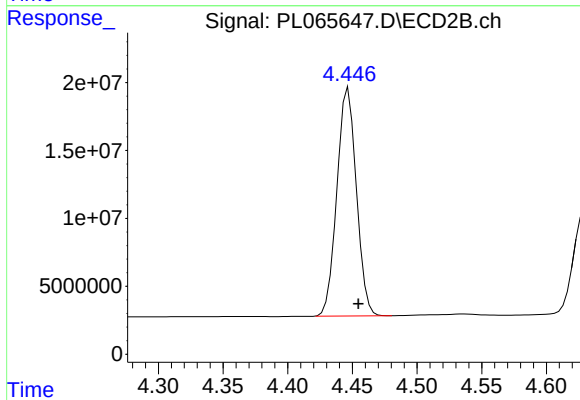
R.T.: 4.168 min  
Delta R.T.: -0.007 min  
Response: 194595710  
Conc: 47.89 ng/ml



#3 gamma-BHC (Lindane)

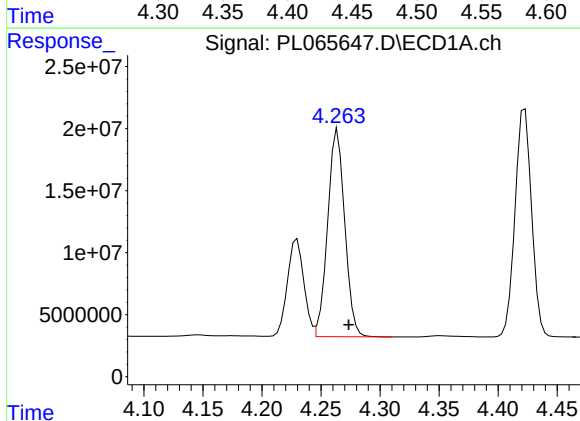
R.T.: 3.979 min  
Delta R.T.: -0.008 min  
Response: 183566895  
Conc: 53.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



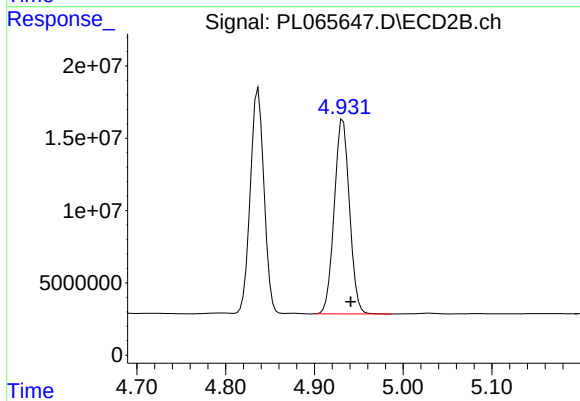
#3 gamma-BHC (Lindane)

R.T.: 4.447 min  
Delta R.T.: -0.008 min  
Response: 175652138  
Conc: 48.10 ng/ml



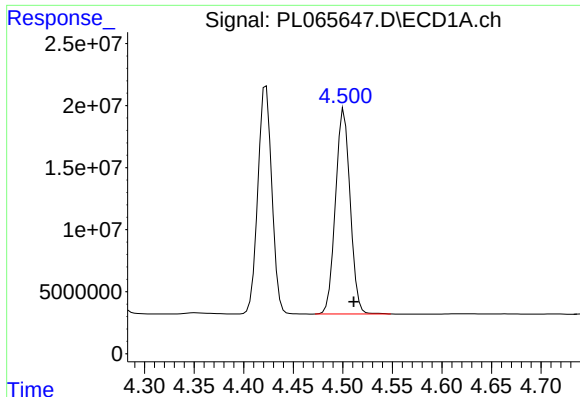
#4 Heptachlor

R.T.: 4.264 min  
Delta R.T.: -0.010 min  
Response: 168092740  
Conc: 51.36 ng/ml



#4 Heptachlor

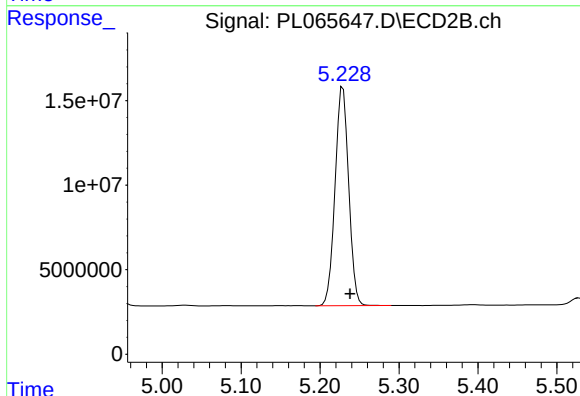
R.T.: 4.932 min  
Delta R.T.: -0.009 min  
Response: 160438580  
Conc: 48.11 ng/ml



#5 Aldrin

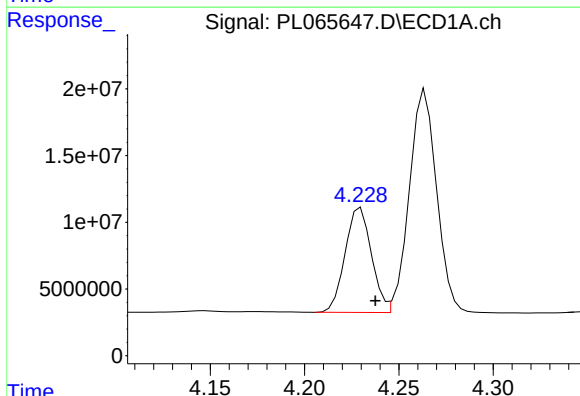
R.T.: 4.501 min  
Delta R.T.: -0.010 min  
Response: 170278030  
Conc: 53.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



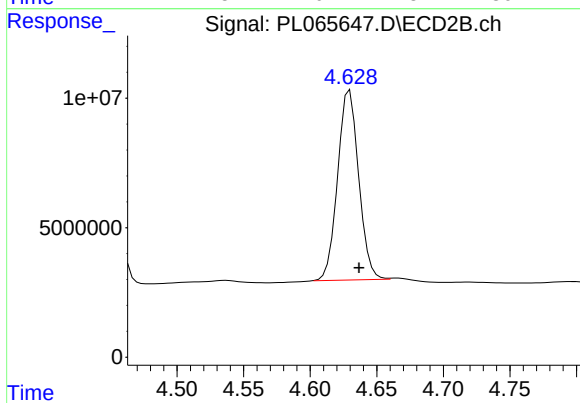
#5 Aldrin

R.T.: 5.229 min  
Delta R.T.: -0.009 min  
Response: 155089933  
Conc: 47.35 ng/ml



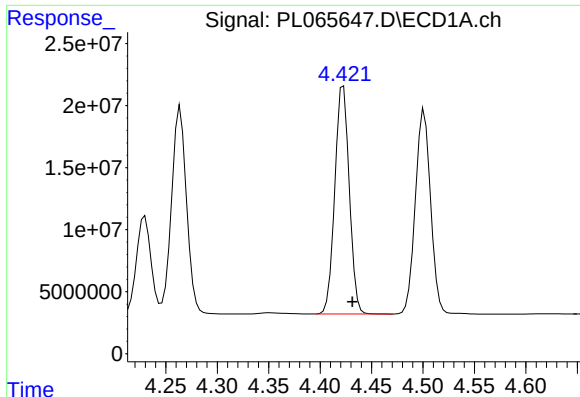
#6 beta-BHC

R.T.: 4.230 min  
Delta R.T.: -0.008 min  
Response: 76338094  
Conc: 53.98 ng/ml



#6 beta-BHC

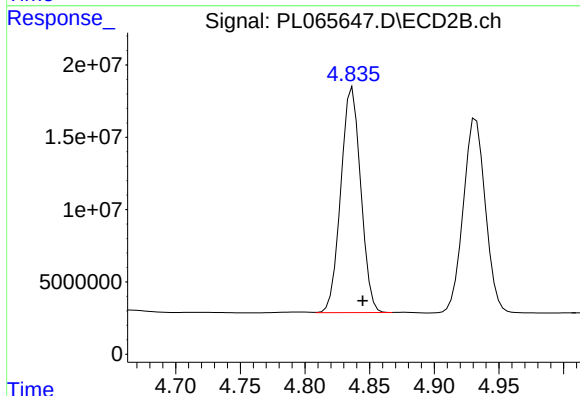
R.T.: 4.630 min  
Delta R.T.: -0.007 min  
Response: 80605586  
Conc: 46.79 ng/ml



#7 delta-BHC

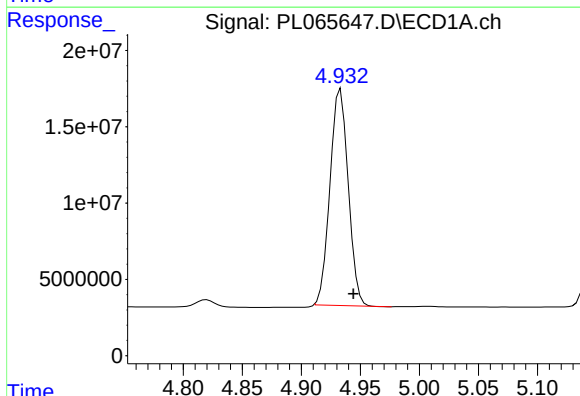
R.T.: 4.423 min  
Delta R.T.: -0.009 min  
Response: 179726819  
Conc: 54.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



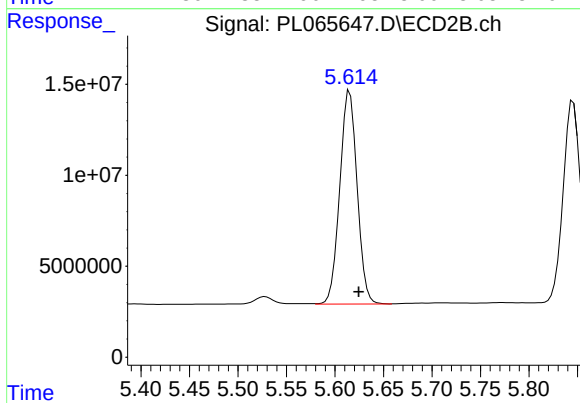
#7 delta-BHC

R.T.: 4.837 min  
Delta R.T.: -0.008 min  
Response: 166350499  
Conc: 55.67 ng/ml



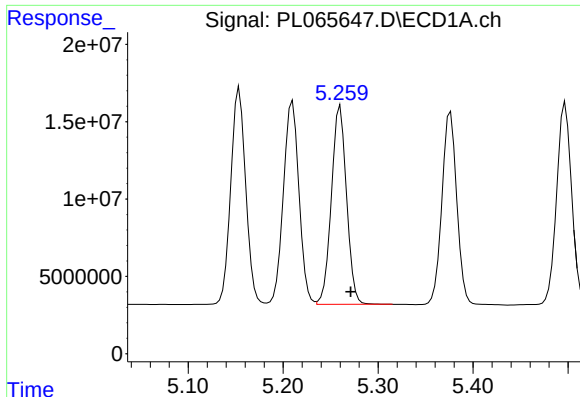
#8 Heptachlor epoxide

R.T.: 4.933 min  
Delta R.T.: -0.011 min  
Response: 152489041  
Conc: 51.57 ng/ml



#8 Heptachlor epoxide

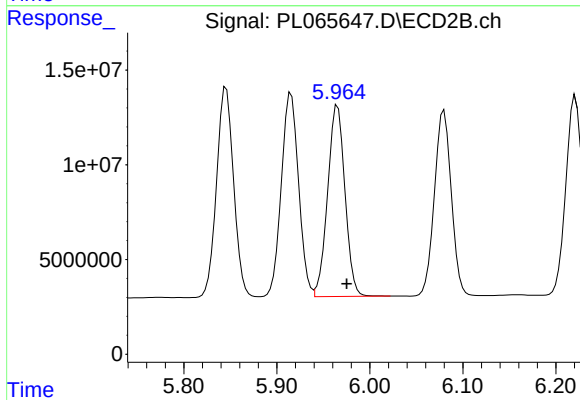
R.T.: 5.615 min  
Delta R.T.: -0.009 min  
Response: 145776019  
Conc: 50.43 ng/ml



#9 Endosulfan I

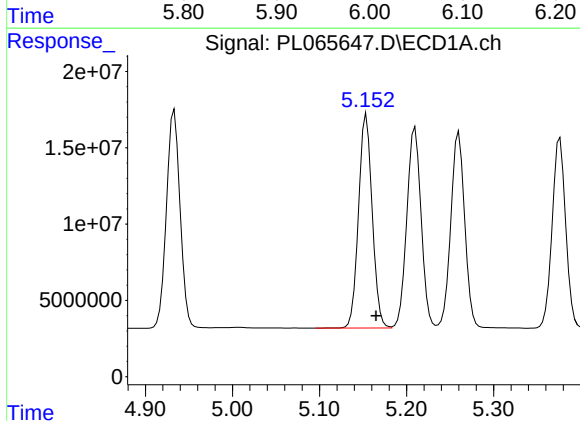
R.T.: 5.260 min  
Delta R.T.: -0.011 min  
Response: 142291620  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



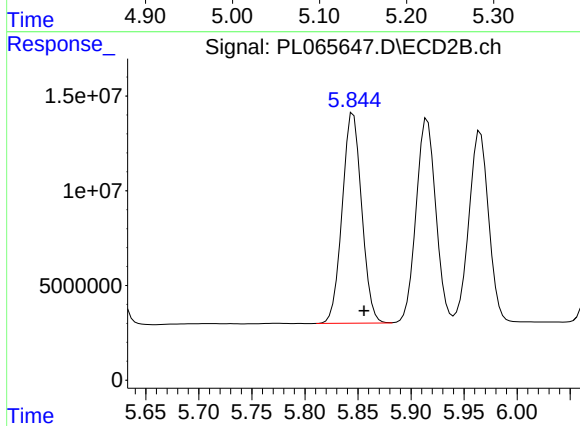
#9 Endosulfan I

R.T.: 5.965 min  
Delta R.T.: -0.010 min  
Response: 130839541  
Conc: 49.70 ng/ml



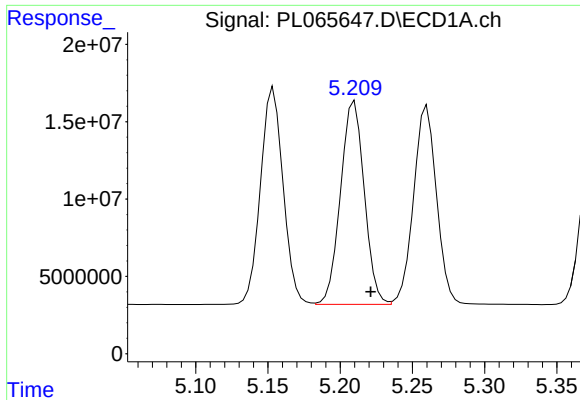
#10 gamma-Chlordane

R.T.: 5.154 min  
Delta R.T.: -0.011 min  
Response: 153215782  
Conc: 51.89 ng/ml



#10 gamma-Chlordane

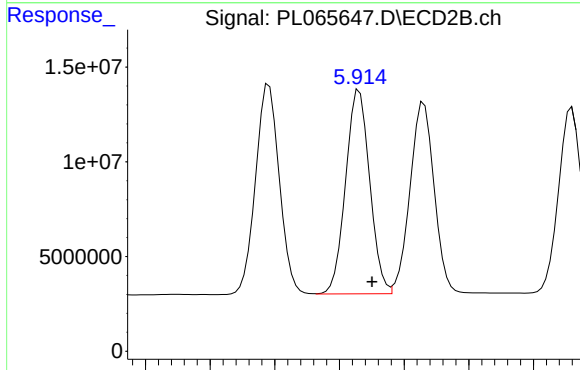
R.T.: 5.846 min  
Delta R.T.: -0.010 min  
Response: 141422403  
Conc: 50.68 ng/ml



#11 alpha-Chlordane

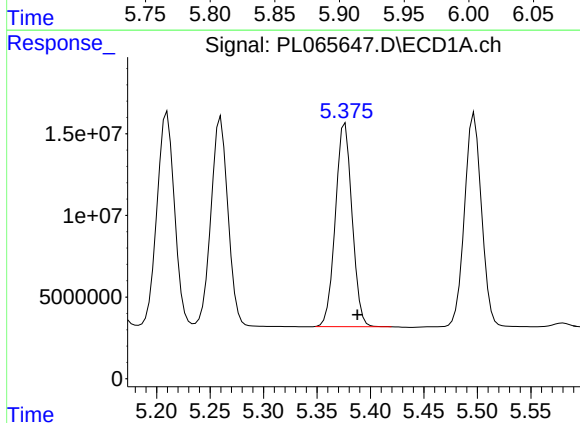
R.T.: 5.210 min  
Delta R.T.: -0.011 min  
Response: 150122011  
Conc: 51.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



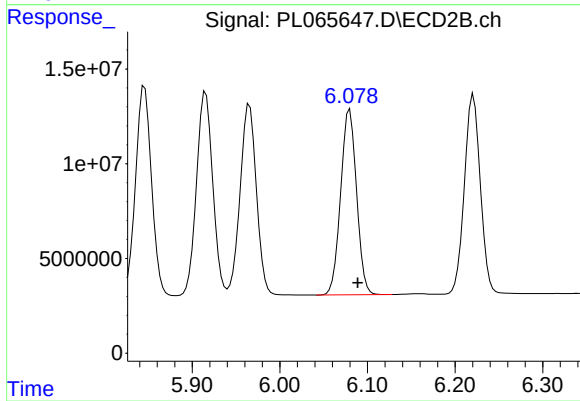
#11 alpha-Chlordane

R.T.: 5.915 min  
Delta R.T.: -0.010 min  
Response: 139089448  
Conc: 50.12 ng/ml



#12 4,4'-DDE

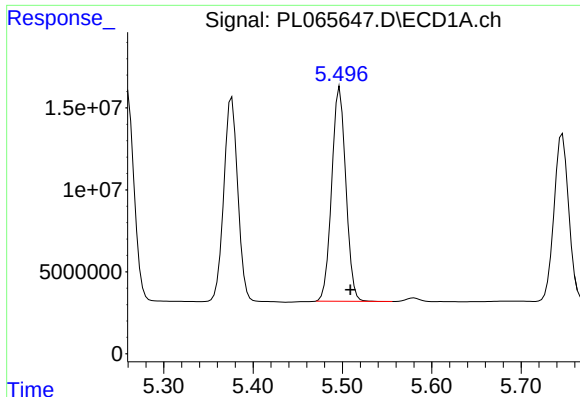
R.T.: 5.376 min  
Delta R.T.: -0.012 min  
Response: 135225228  
Conc: 51.39 ng/ml



#12 4,4'-DDE

R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 123631588  
Conc: 49.64 ng/ml

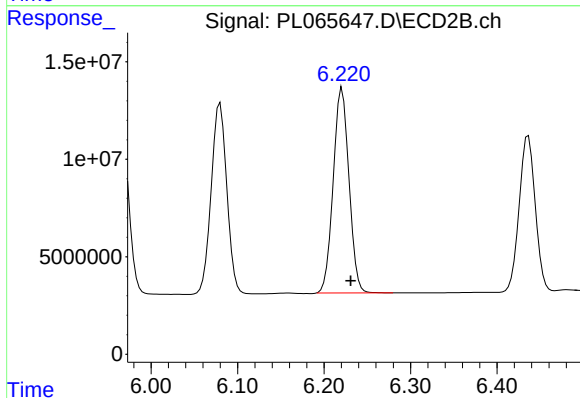




#13 Dieldrin

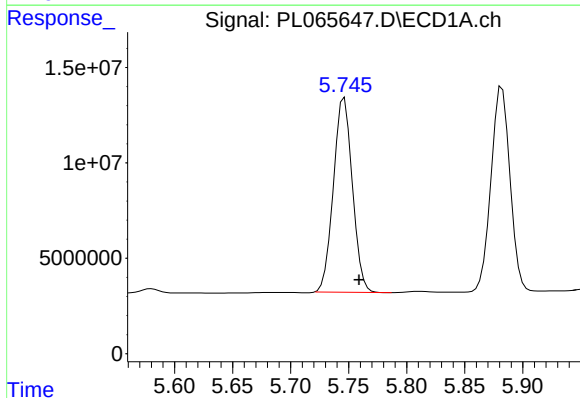
R.T.: 5.497 min  
Delta R.T.: -0.012 min  
Response: 143397715  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



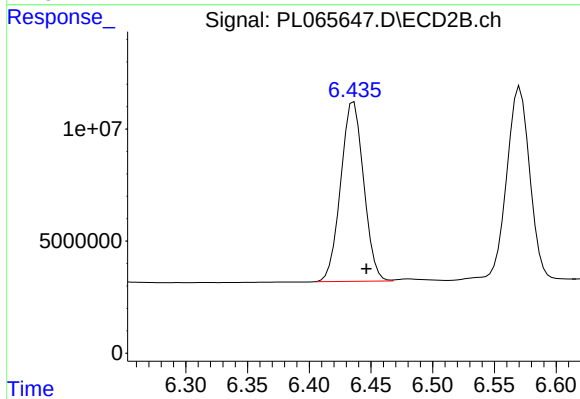
#13 Dieldrin

R.T.: 6.221 min  
Delta R.T.: -0.010 min  
Response: 132783247  
Conc: 48.81 ng/ml



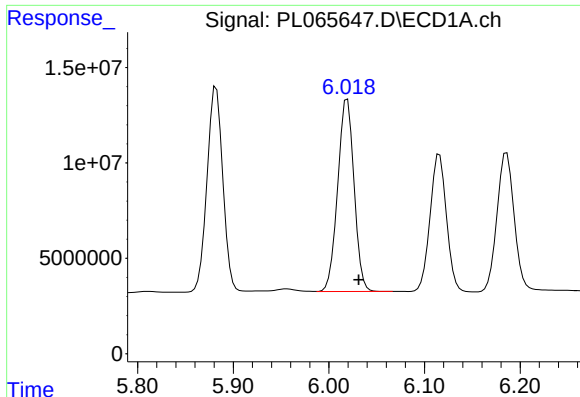
#14 Endrin

R.T.: 5.746 min  
Delta R.T.: -0.013 min  
Response: 116023448  
Conc: 46.47 ng/ml



#14 Endrin

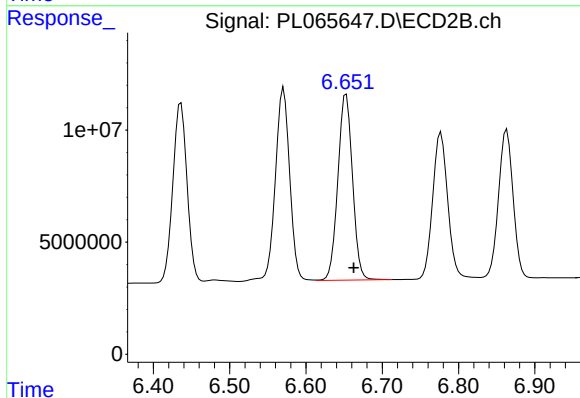
R.T.: 6.436 min  
Delta R.T.: -0.010 min  
Response: 103483738  
Conc: 46.85 ng/ml



#15 Endosulfan II

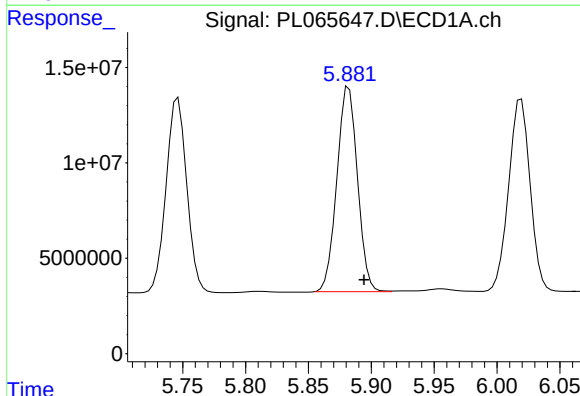
R.T.: 6.019 min  
Delta R.T.: -0.012 min  
Response: 120142933  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



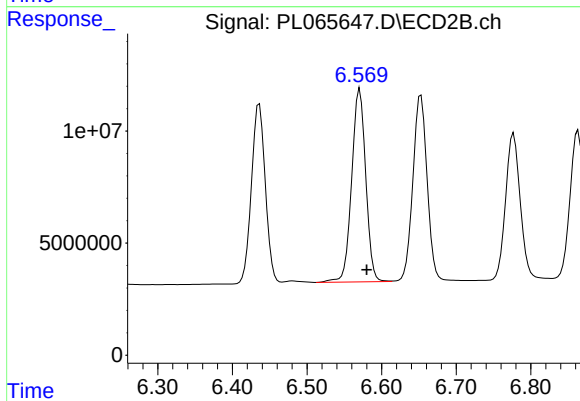
#15 Endosulfan II

R.T.: 6.653 min  
Delta R.T.: -0.010 min  
Response: 110272019  
Conc: 48.85 ng/ml



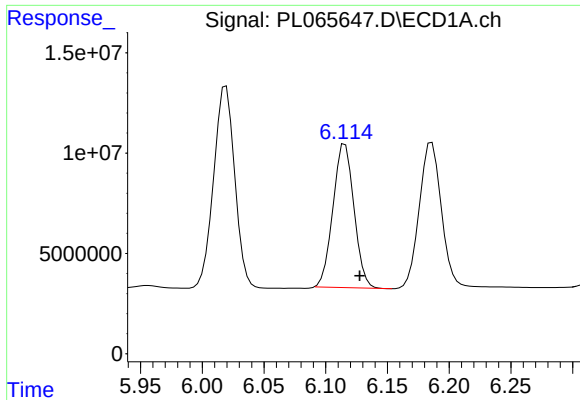
#16 4,4'-DDD

R.T.: 5.882 min  
Delta R.T.: -0.012 min  
Response: 122605209  
Conc: 55.47 ng/ml



#16 4,4'-DDD

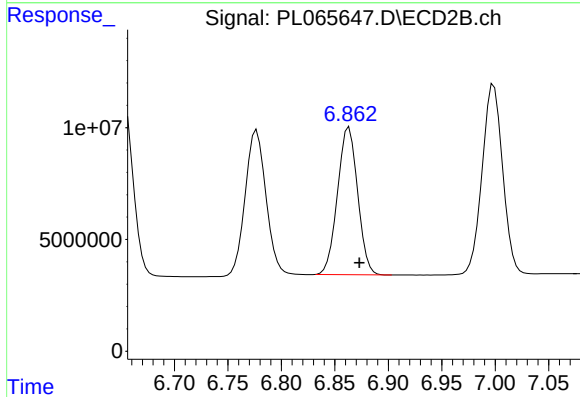
R.T.: 6.571 min  
Delta R.T.: -0.009 min  
Response: 112720245  
Conc: 51.25 ng/ml



#17 4,4'-DDT

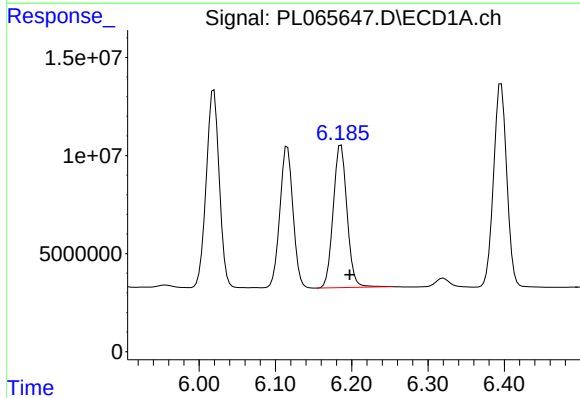
R.T.: 6.116 min  
Delta R.T.: -0.012 min  
Response: 84757003  
Conc: 44.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



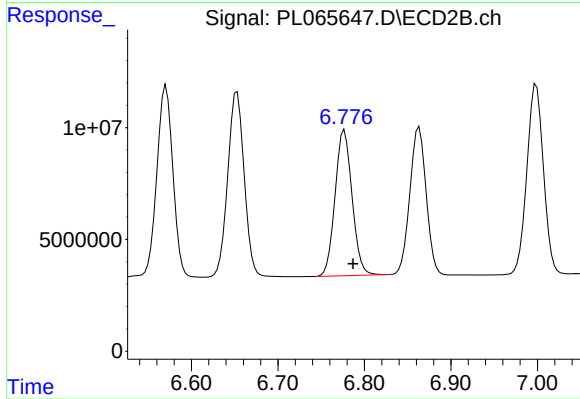
#17 4,4'-DDT

R.T.: 6.863 min  
Delta R.T.: -0.010 min  
Response: 86663291  
Conc: 44.15 ng/ml



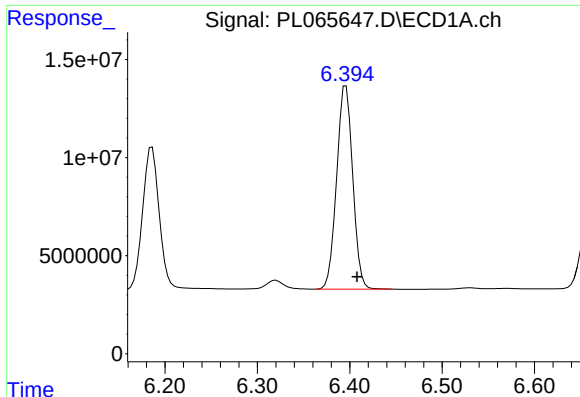
#18 Endrin aldehyde

R.T.: 6.186 min  
Delta R.T.: -0.012 min  
Response: 91114444  
Conc: 47.45 ng/ml



#18 Endrin aldehyde

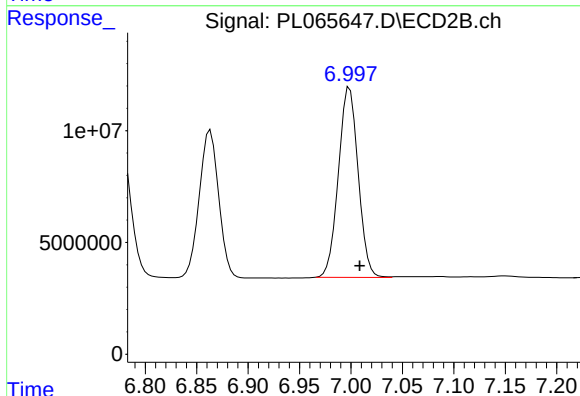
R.T.: 6.777 min  
Delta R.T.: -0.010 min  
Response: 88633664  
Conc: 50.59 ng/ml



#19 Endosulfan Sulfate

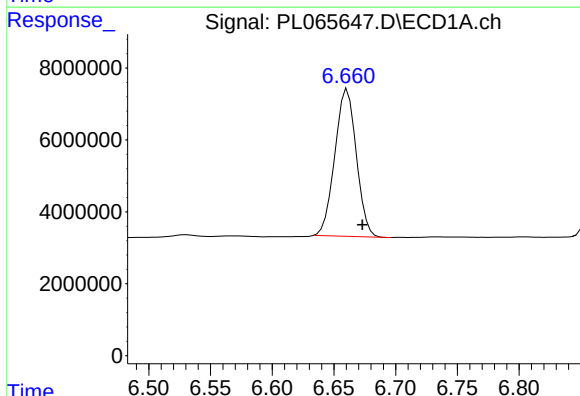
R.T.: 6.396 min  
Delta R.T.: -0.012 min  
Response: 125413947  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



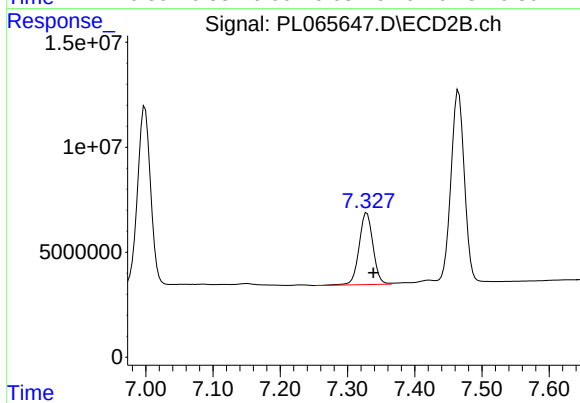
#19 Endosulfan Sulfate

R.T.: 6.999 min  
Delta R.T.: -0.010 min  
Response: 113766026  
Conc: 51.86 ng/ml



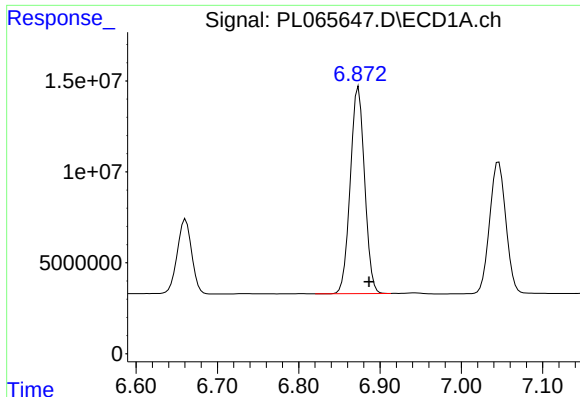
#20 Methoxychlor

R.T.: 6.661 min  
Delta R.T.: -0.012 min  
Response: 49584001  
Conc: 43.25 ng/ml



#20 Methoxychlor

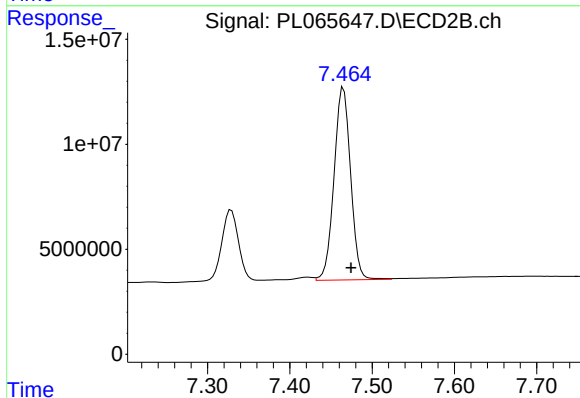
R.T.: 7.329 min  
Delta R.T.: -0.010 min  
Response: 49030989  
Conc: 46.95 ng/ml



#21 Endrin ketone

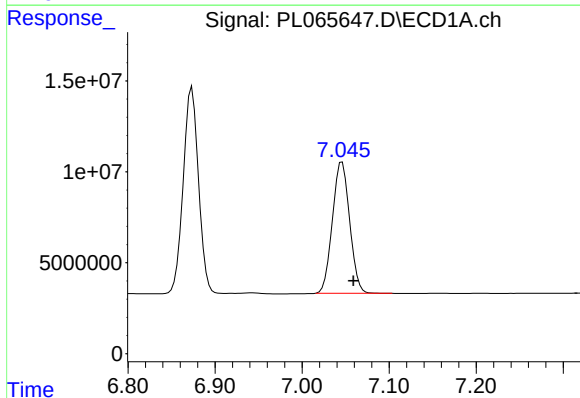
R.T.: 6.874 min  
Delta R.T.: -0.013 min  
Response: 138453128  
Conc: 51.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



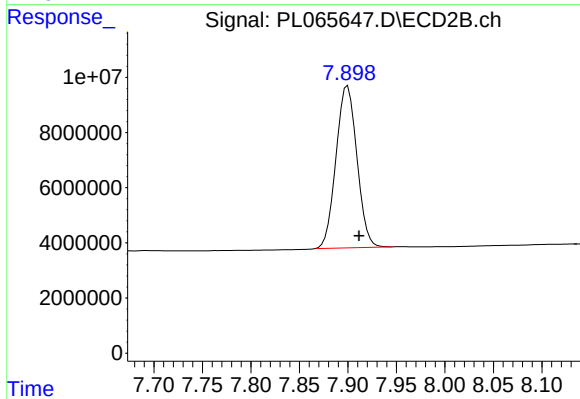
#21 Endrin ketone

R.T.: 7.465 min  
Delta R.T.: -0.009 min  
Response: 128101592  
Conc: 54.30 ng/ml



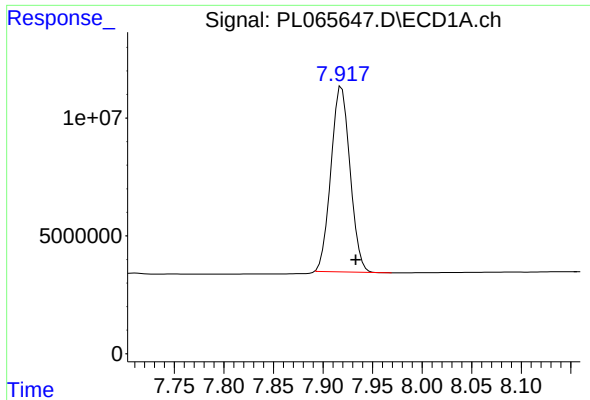
#22 Mirex

R.T.: 7.046 min  
Delta R.T.: -0.013 min  
Response: 99486342  
Conc: 48.86 ng/ml



#22 Mirex

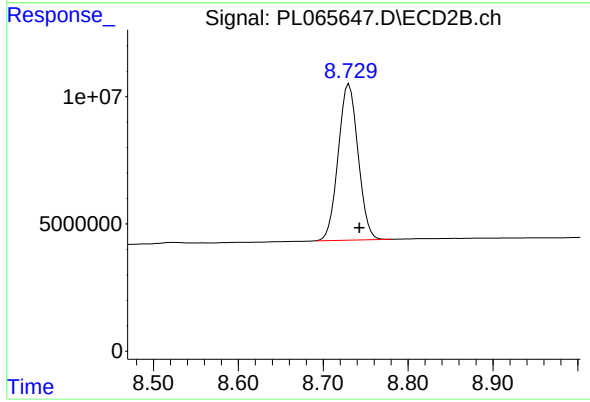
R.T.: 7.900 min  
Delta R.T.: -0.012 min  
Response: 88024167  
Conc: 52.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.919 min  
Delta R.T.: -0.014 min  
Response: 105111983  
Conc: 43.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.731 min  
Delta R.T.: -0.012 min  
Response: 99649566  
Conc: 50.27 ng/ml