

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060221\  
 Data File : PL067031.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2021 03:52  
 Operator : AR\AJ  
 Sample : M2580-11MSD 10X  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 18-B4(2-4)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 05:07:16 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 02 14:20:39 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... | 4.506f | 5.529  | 135.3E6  | 1623581  | 330.428 | 2.510 #  |
| 28)                         | SA Decachlor... | 10.222 | 11.432 | 1474431  | 2861364  | 2.280   | 3.429 #  |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 5.178  | 6.110  | 4420631  | 5011049  | 8.359   | 6.348    |
| 3)                          | MA gamma-BHC... | 5.595  | 6.505  | 7392656  | 4423321  | 13.273  | 5.838 #  |
| 4)                          | MA Heptachlor   | 6.009  | 7.153  | 4552673  | 4195799  | 8.667   | 5.949 #  |
| 5)                          | MB Aldrin       | 6.331  | 7.523  | 4508612  | 5396187  | 8.243   | 7.388    |
| 6)                          | B beta-BHC      | 5.981  | 6.760  | 2644866  | 2717415  | 9.930   | 7.206 #  |
| 7)                          | B delta-BHC     | 6.245  | 7.026  | 52974759 | 6736056  | 99.847  | 8.871 #  |
| 8)                          | B Heptachlo...  | 6.905  | 7.988  | 4505595  | 9720526  | 8.494   | 13.921 # |
| 9)                          | A Endosulfan I  | 7.306  | 8.393  | 8839297  | 4069641  | 16.812  | 6.362 #  |
| 10)                         | B gamma-Chl...  | 7.182  | 8.258  | 10203742 | 5771859  | 17.809  | 8.127 #  |
| 11)                         | B alpha-Chl...  | 7.251  | 8.339  | 10834014 | 8235648  | 18.842  | 11.593 # |
| 12)                         | B 4,4'-DDE      | 7.470  | 8.528  | 5595471  | 6862901  | 10.480  | 10.499   |
| 13)                         | MA Dieldrin     | 7.588  | 8.682  | 10561946 | 10181249 | 18.940  | 15.403   |
| 14)                         | MA Endrin       | 7.874  | 8.921  | 4910362  | 4400547  | 9.482   | 7.792    |
| 15)                         | B Endosulfa...  | 8.186  | 9.155  | 4315090  | 5477282  | 8.329   | 8.879    |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.067  | 3690178  | 5691637  | 8.144   | 10.532 # |
| 17)                         | MA 4,4'-DDT     | 8.309  | 9.384  | 4717108  | 1695043  | 10.233  | 3.251 #  |
| 18)                         | B Endrin al...  | 8.373  | 9.290  | 3226729  | 3351482  | 7.010   | 6.160    |
| 19)                         | B Endosulfa...  | 8.605  | 9.528  | 4876094  | 3911867  | 8.827   | 6.287 #  |
| 20)                         | A Methoxychlor  | 8.907  | 9.871  | 3085185  | 2173158  | 10.349  | 6.842 #  |
| 21)                         | B Endrin ke...  | 9.114  | 10.024 | 4014339  | 4357343  | 6.273   | 6.010    |
| 22)                         | Mirex           | 9.302  | 10.490 | 3427551  | 4121175  | 5.925   | 6.403    |
| -----                       |                 |        |        |          |          |         |          |

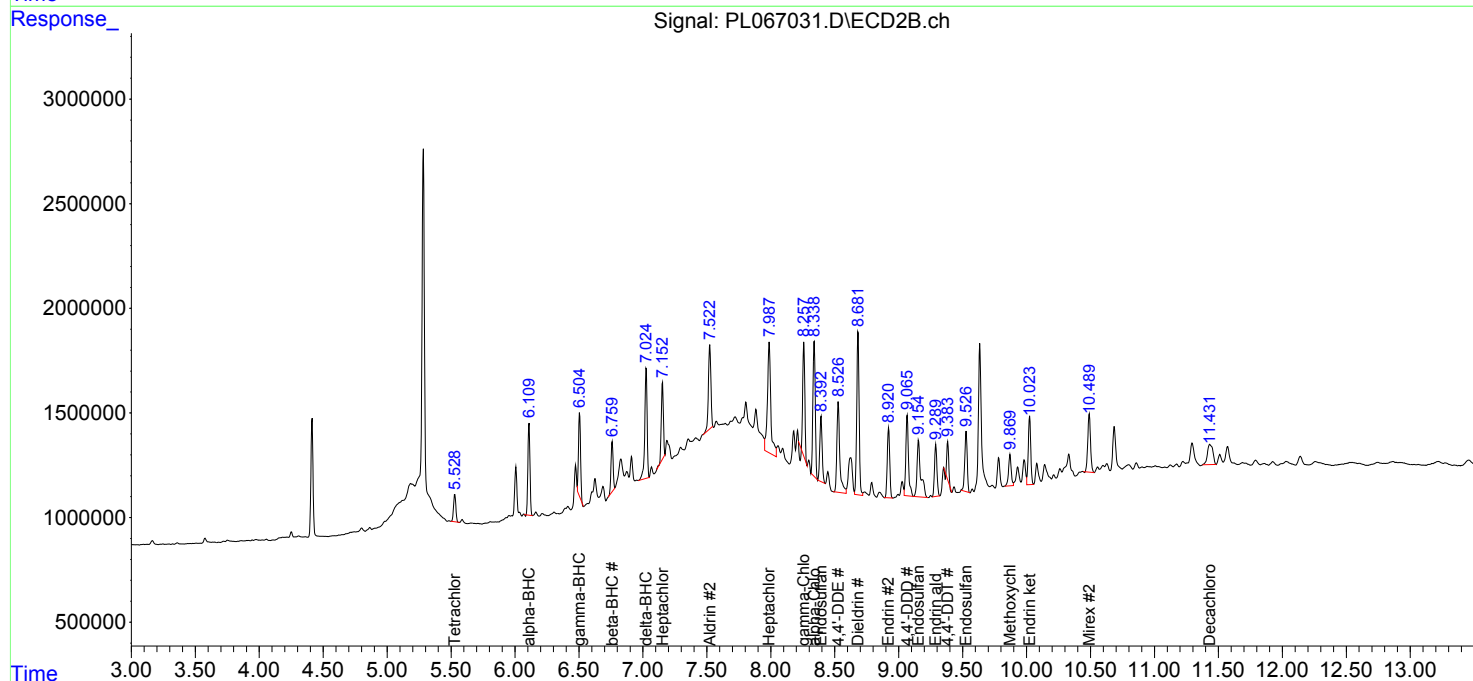
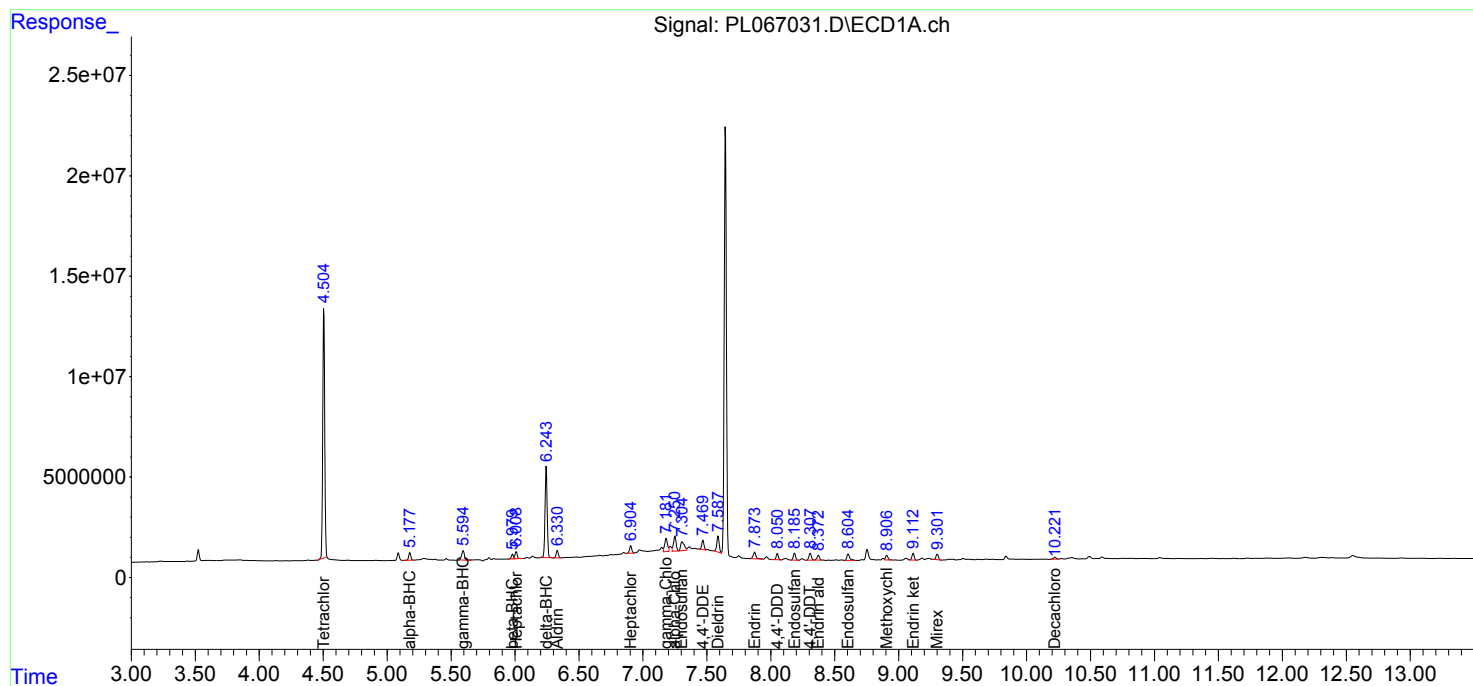
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

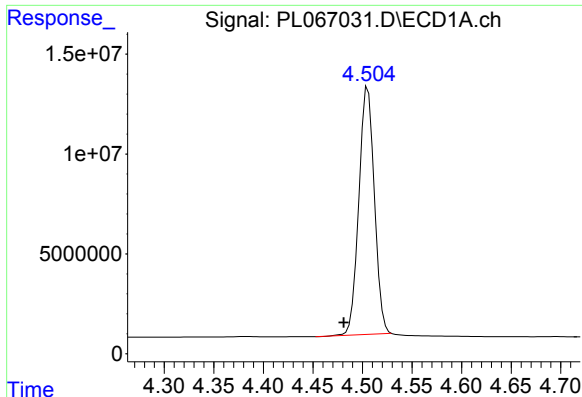
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060221\  
Data File : PL067031.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2021 03:52  
Operator : AR\AJ  
Sample : M2580-11MSD 10X  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
18-B4(2-4)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 03 05:07:16 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060121.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 02 14:20:39 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

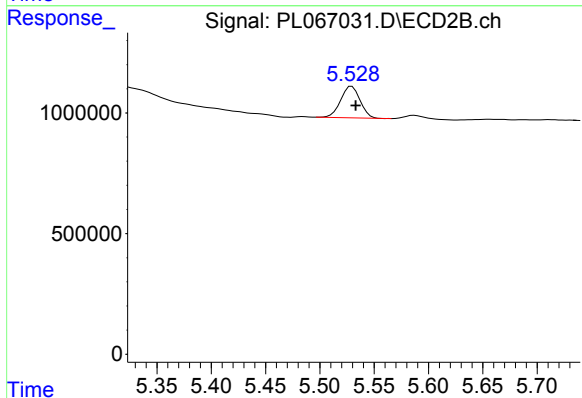




#1 Tetrachloro-m-xylene

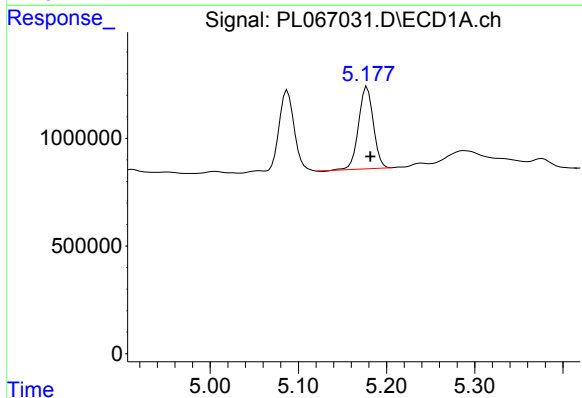
R.T.: 4.506 min  
Delta R.T.: 0.025 min  
Response: 135310602  
Conc: 330.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



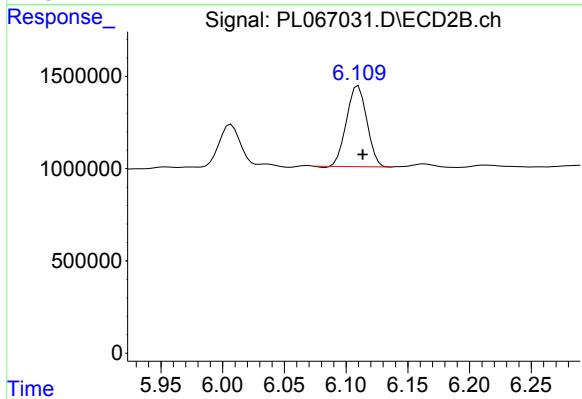
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.003 min  
Response: 1623581  
Conc: 2.51 ng/ml



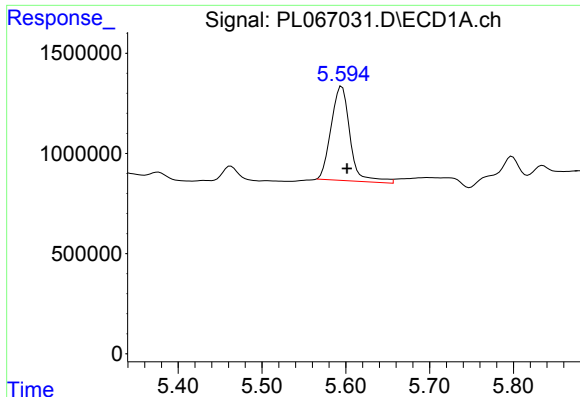
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.004 min  
Response: 4420631  
Conc: 8.36 ng/ml



#2 alpha-BHC

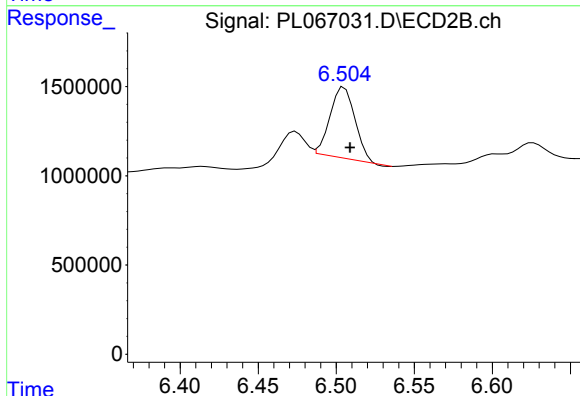
R.T.: 6.110 min  
Delta R.T.: -0.003 min  
Response: 5011049  
Conc: 6.35 ng/ml



#3 gamma-BHC (Lindane)

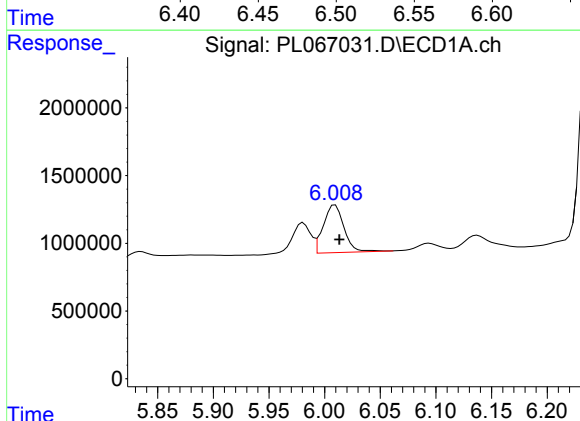
R.T.: 5.595 min  
Delta R.T.: -0.006 min  
Response: 7392656  
Conc: 13.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



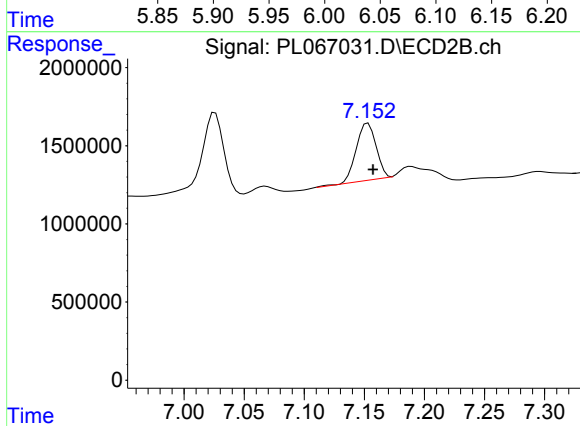
#3 gamma-BHC (Lindane)

R.T.: 6.505 min  
Delta R.T.: -0.004 min  
Response: 4423321  
Conc: 5.84 ng/ml



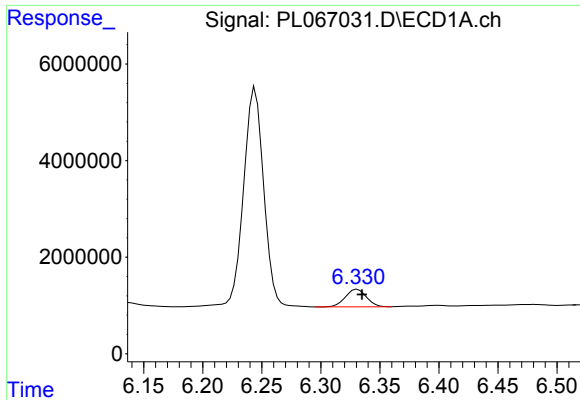
#4 Heptachlor

R.T.: 6.009 min  
Delta R.T.: -0.004 min  
Response: 4552673  
Conc: 8.67 ng/ml



#4 Heptachlor

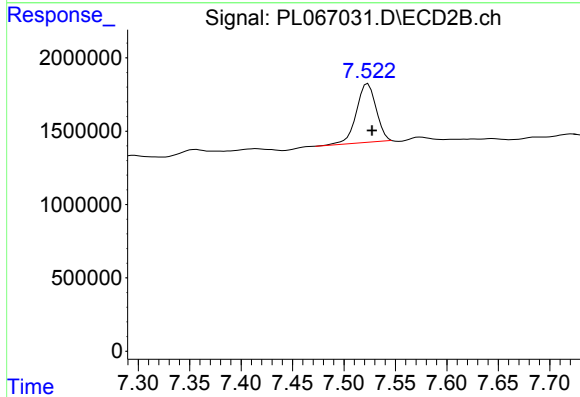
R.T.: 7.153 min  
Delta R.T.: -0.004 min  
Response: 4195799  
Conc: 5.95 ng/ml



#5 Aldrin

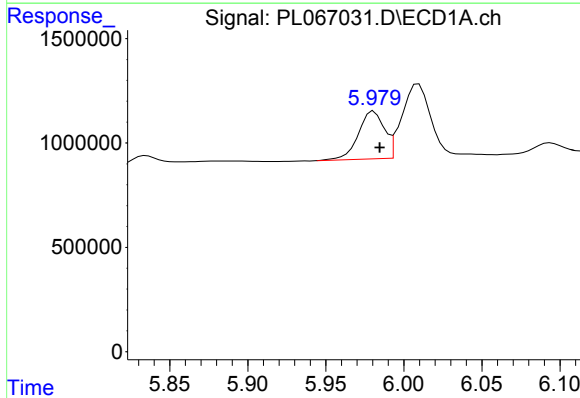
R.T.: 6.331 min  
Delta R.T.: -0.004 min  
Response: 4508612  
Conc: 8.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



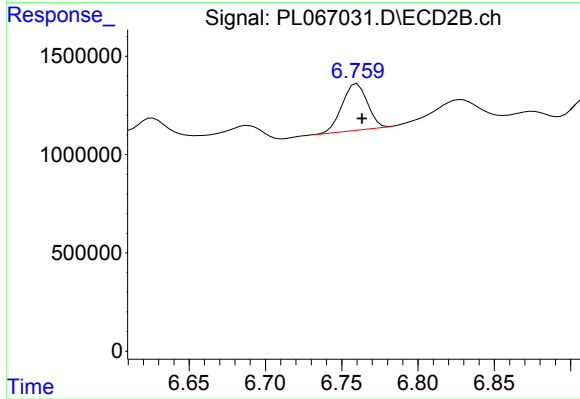
#5 Aldrin

R.T.: 7.523 min  
Delta R.T.: -0.004 min  
Response: 5396187  
Conc: 7.39 ng/ml



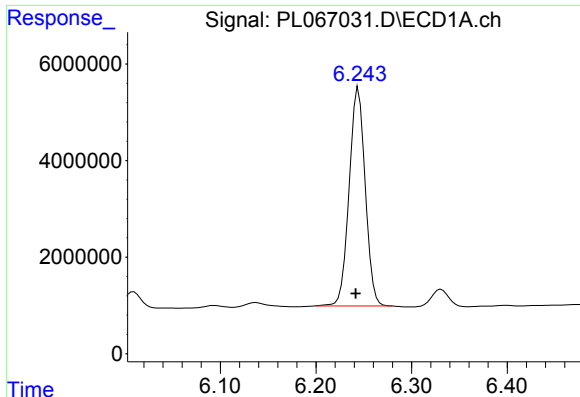
#6 beta-BHC

R.T.: 5.981 min  
Delta R.T.: -0.004 min  
Response: 2644866  
Conc: 9.93 ng/ml



#6 beta-BHC

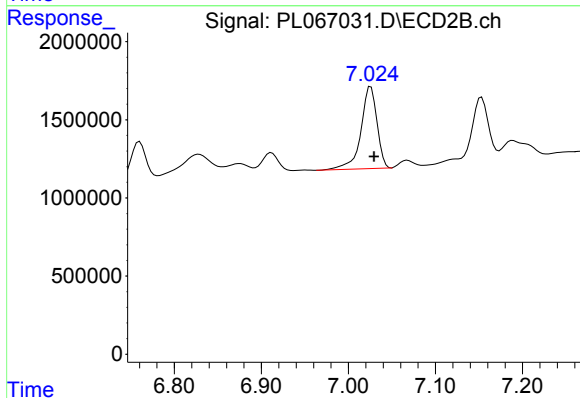
R.T.: 6.760 min  
Delta R.T.: -0.003 min  
Response: 2717415  
Conc: 7.21 ng/ml



#7 delta-BHC

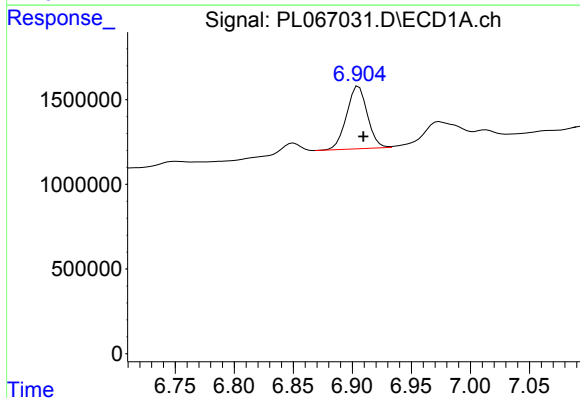
R.T.: 6.245 min  
Delta R.T.: 0.003 min  
Response: 52974759  
Conc: 99.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



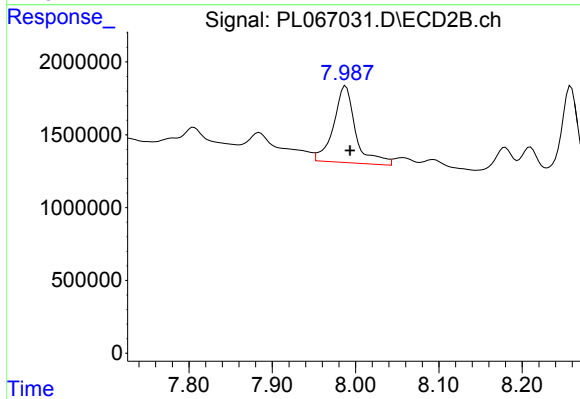
#7 delta-BHC

R.T.: 7.026 min  
Delta R.T.: -0.004 min  
Response: 6736056  
Conc: 8.87 ng/ml



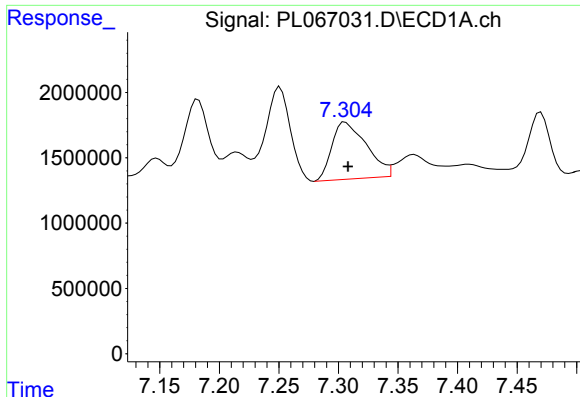
#8 Heptachlor epoxide

R.T.: 6.905 min  
Delta R.T.: -0.004 min  
Response: 4505595  
Conc: 8.49 ng/ml



#8 Heptachlor epoxide

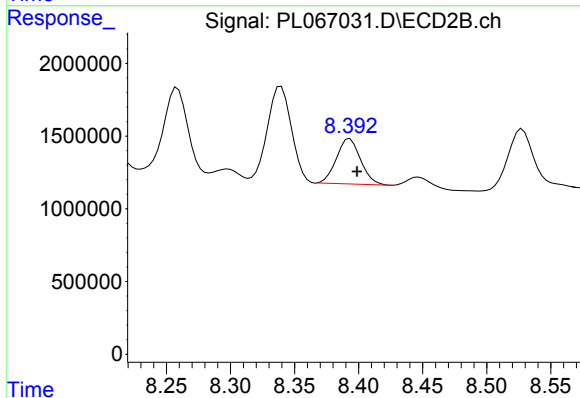
R.T.: 7.988 min  
Delta R.T.: -0.005 min  
Response: 9720526  
Conc: 13.92 ng/ml



#9 Endosulfan I

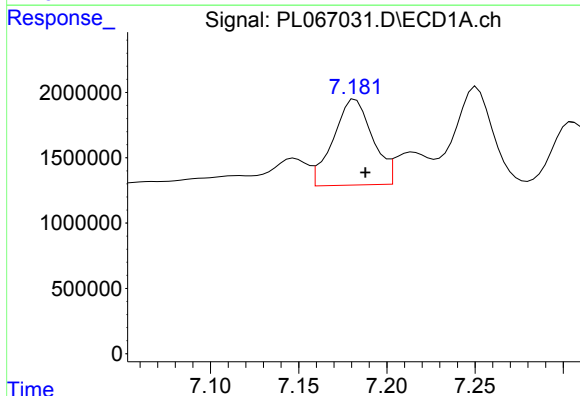
R.T.: 7.306 min  
Delta R.T.: -0.002 min  
Response: 8839297  
Conc: 16.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



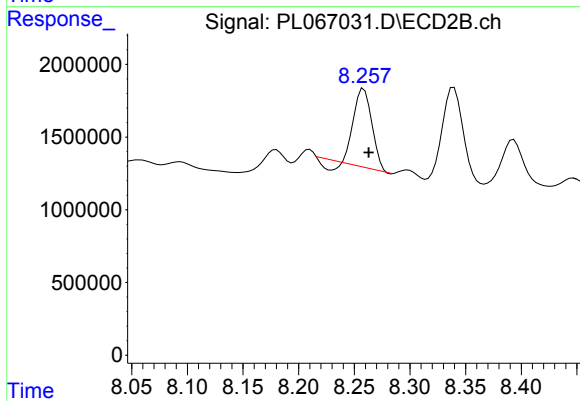
#9 Endosulfan I

R.T.: 8.393 min  
Delta R.T.: -0.005 min  
Response: 4069641  
Conc: 6.36 ng/ml



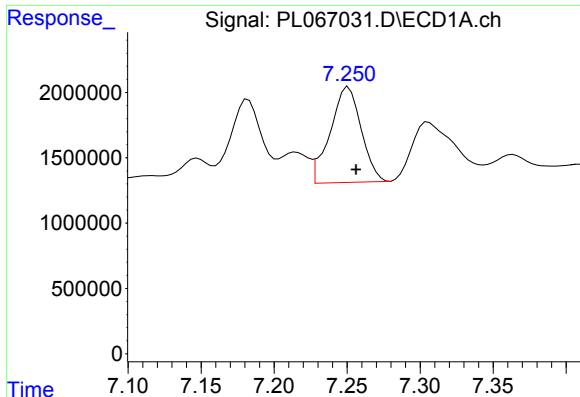
#10 gamma-Chlordane

R.T.: 7.182 min  
Delta R.T.: -0.006 min  
Response: 10203742  
Conc: 17.81 ng/ml



#10 gamma-Chlordane

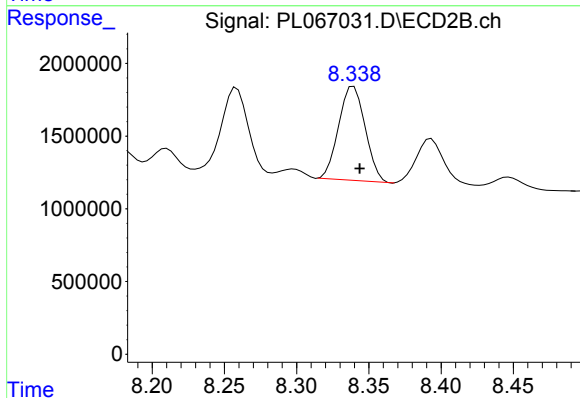
R.T.: 8.258 min  
Delta R.T.: -0.004 min  
Response: 5771859  
Conc: 8.13 ng/ml



#11 alpha-Chlordane

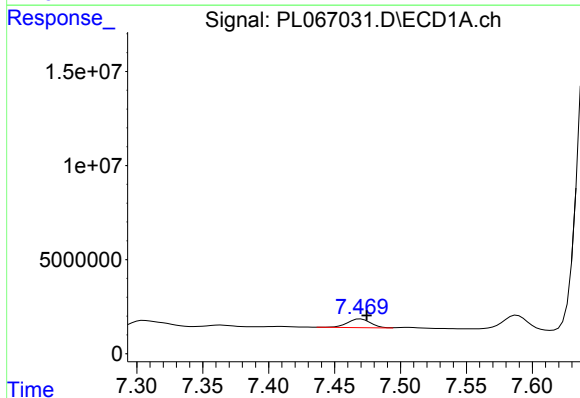
R.T.: 7.251 min  
Delta R.T.: -0.005 min  
Response: 10834014  
Conc: 18.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



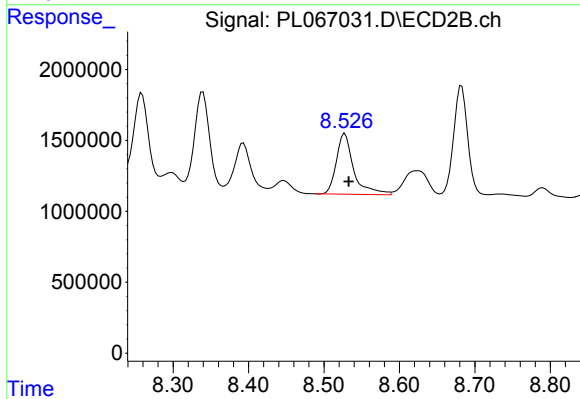
#11 alpha-Chlordane

R.T.: 8.339 min  
Delta R.T.: -0.004 min  
Response: 8235648  
Conc: 11.59 ng/ml



#12 4,4'-DDE

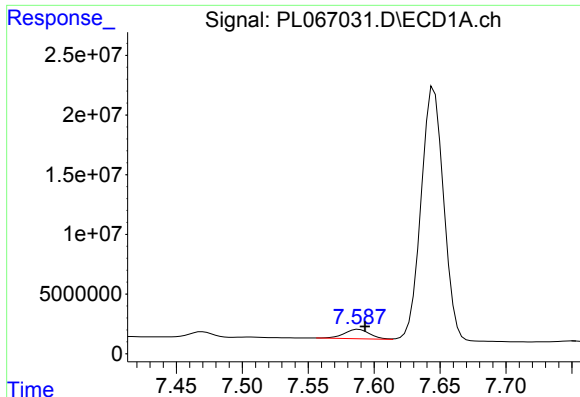
R.T.: 7.470 min  
Delta R.T.: -0.005 min  
Response: 5595471  
Conc: 10.48 ng/ml



#12 4,4'-DDE

R.T.: 8.528 min  
Delta R.T.: -0.005 min  
Response: 6862901  
Conc: 10.50 ng/ml

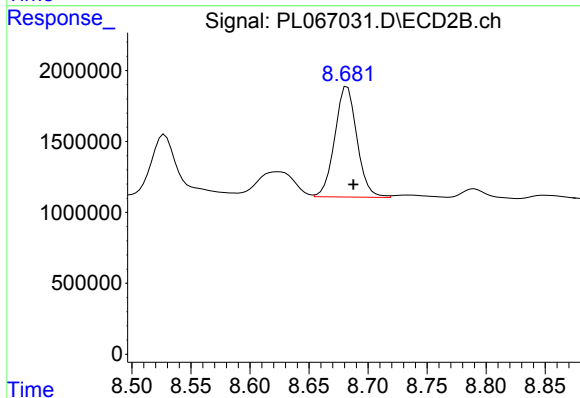




#13 Dieldrin

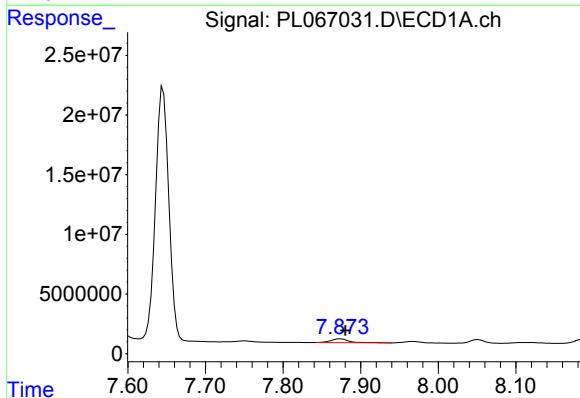
R.T.: 7.588 min  
Delta R.T.: -0.005 min  
Response: 10561946  
Conc: 18.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



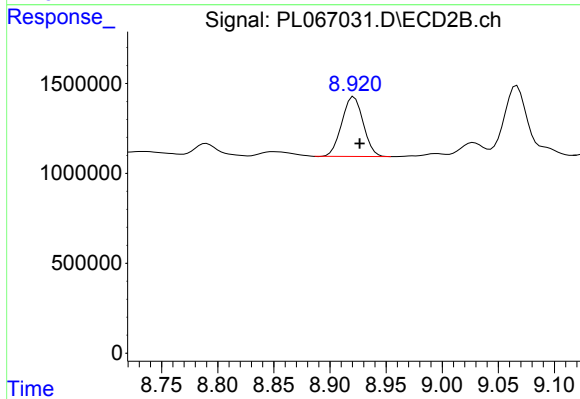
#13 Dieldrin

R.T.: 8.682 min  
Delta R.T.: -0.005 min  
Response: 10181249  
Conc: 15.40 ng/ml



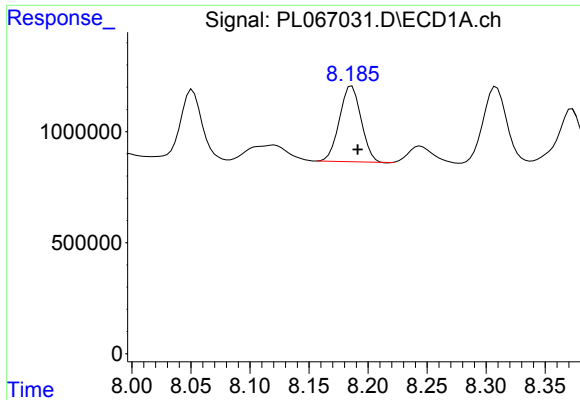
#14 Endrin

R.T.: 7.874 min  
Delta R.T.: -0.006 min  
Response: 4910362  
Conc: 9.48 ng/ml



#14 Endrin

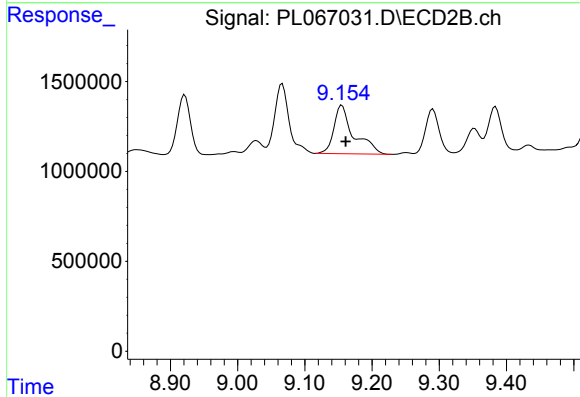
R.T.: 8.921 min  
Delta R.T.: -0.005 min  
Response: 4400547  
Conc: 7.79 ng/ml



#15 Endosulfan II

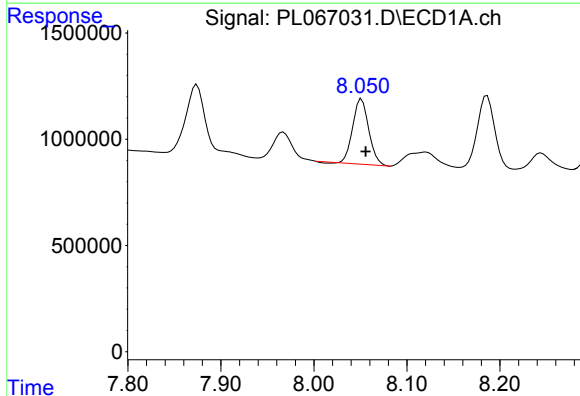
R.T.: 8.186 min  
Delta R.T.: -0.005 min  
Response: 4315090  
Conc: 8.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



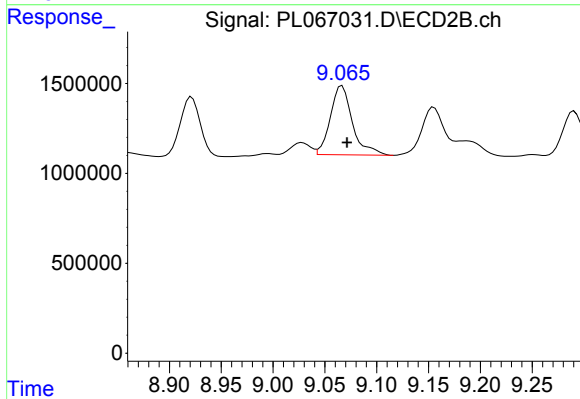
#15 Endosulfan II

R.T.: 9.155 min  
Delta R.T.: -0.006 min  
Response: 5477282  
Conc: 8.88 ng/ml



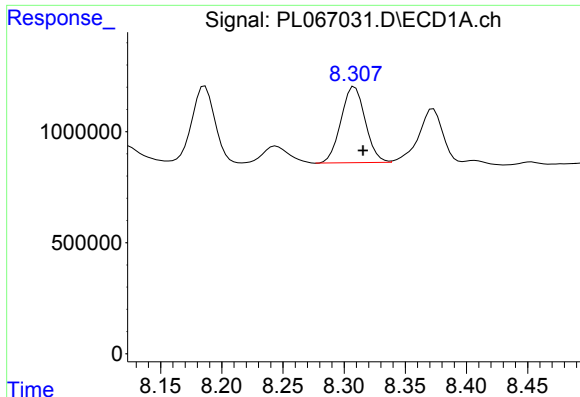
#16 4,4'-DDD

R.T.: 8.051 min  
Delta R.T.: -0.005 min  
Response: 3690178  
Conc: 8.14 ng/ml



#16 4,4'-DDD

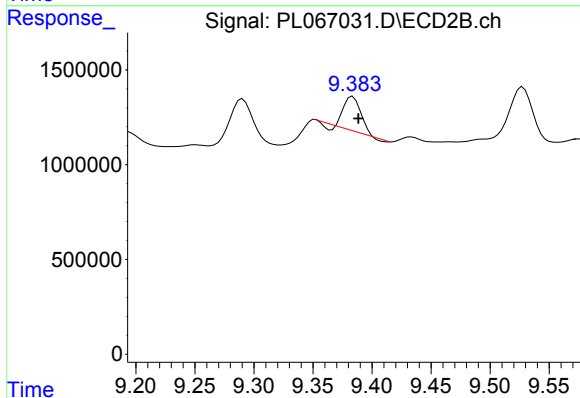
R.T.: 9.067 min  
Delta R.T.: -0.005 min  
Response: 5691637  
Conc: 10.53 ng/ml



#17 4,4'-DDT

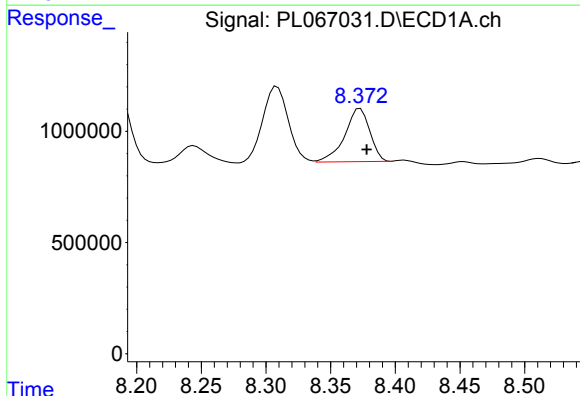
R.T.: 8.309 min  
Delta R.T.: -0.007 min  
Response: 4717108  
Conc: 10.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



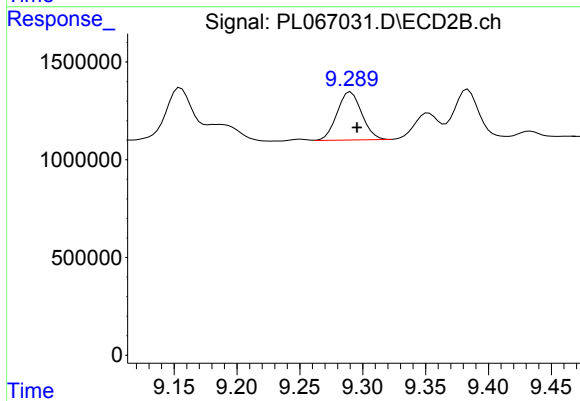
#17 4,4'-DDT

R.T.: 9.384 min  
Delta R.T.: -0.005 min  
Response: 1695043  
Conc: 3.25 ng/ml



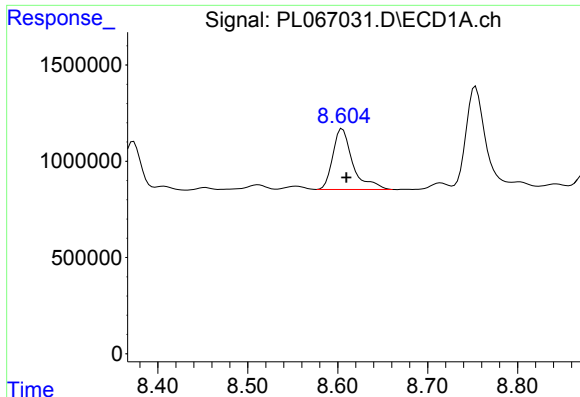
#18 Endrin aldehyde

R.T.: 8.373 min  
Delta R.T.: -0.005 min  
Response: 3226729  
Conc: 7.01 ng/ml



#18 Endrin aldehyde

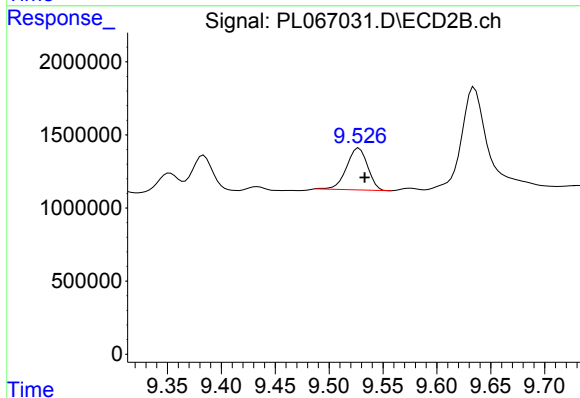
R.T.: 9.290 min  
Delta R.T.: -0.005 min  
Response: 3351482  
Conc: 6.16 ng/ml



#19 Endosulfan Sulfate

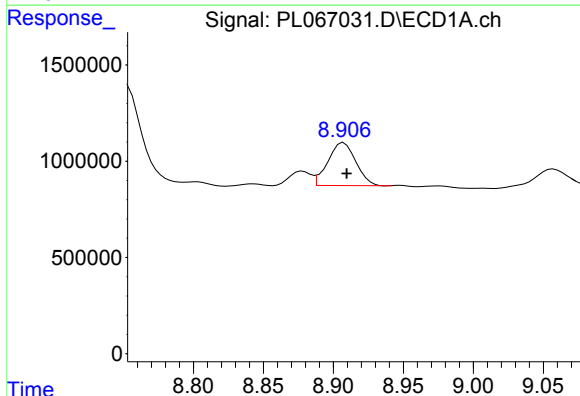
R.T.: 8.605 min  
Delta R.T.: -0.005 min  
Response: 4876094  
Conc: 8.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



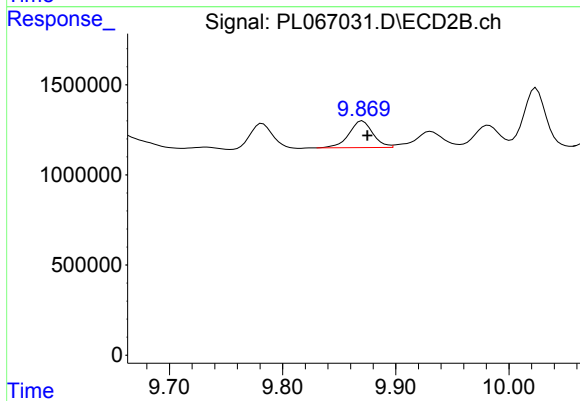
#19 Endosulfan Sulfate

R.T.: 9.528 min  
Delta R.T.: -0.005 min  
Response: 3911867  
Conc: 6.29 ng/ml



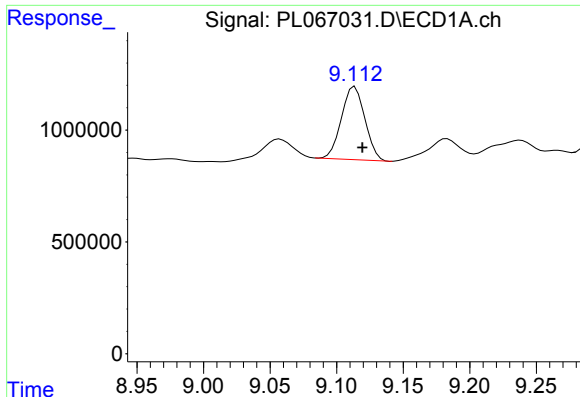
#20 Methoxychlor

R.T.: 8.907 min  
Delta R.T.: -0.002 min  
Response: 3085185  
Conc: 10.35 ng/ml



#20 Methoxychlor

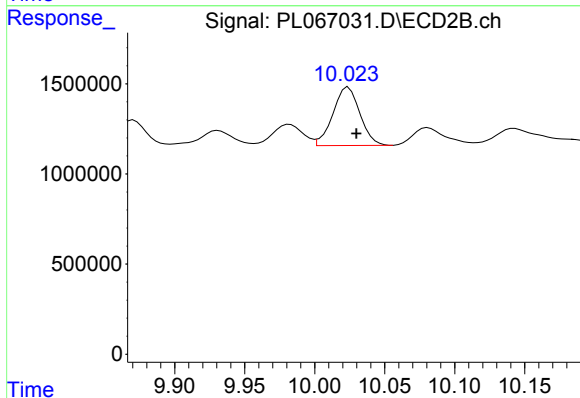
R.T.: 9.871 min  
Delta R.T.: -0.004 min  
Response: 2173158  
Conc: 6.84 ng/ml



#21 Endrin ketone

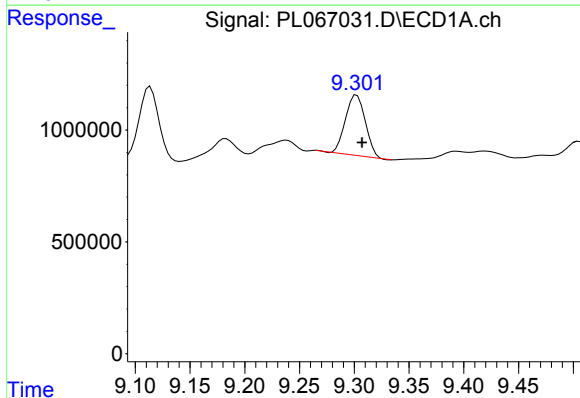
R.T.: 9.114 min  
Delta R.T.: -0.006 min  
Response: 4014339  
Conc: 6.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



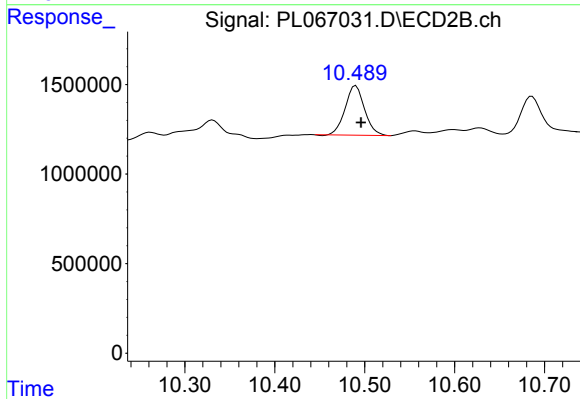
#21 Endrin ketone

R.T.: 10.024 min  
Delta R.T.: -0.006 min  
Response: 4357343  
Conc: 6.01 ng/ml



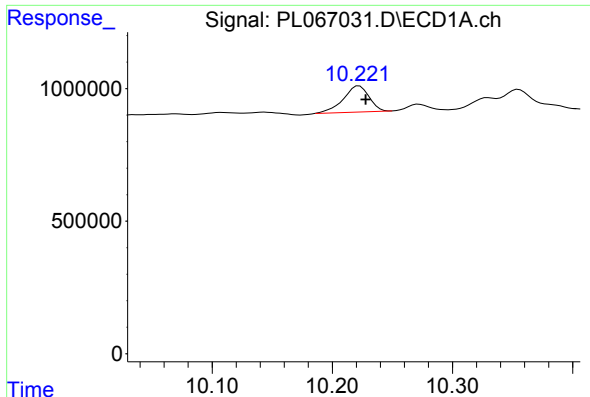
#22 Mirex

R.T.: 9.302 min  
Delta R.T.: -0.005 min  
Response: 3427551  
Conc: 5.93 ng/ml



#22 Mirex

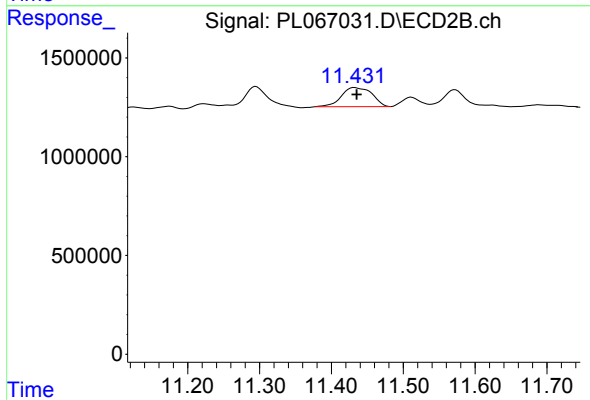
R.T.: 10.490 min  
Delta R.T.: -0.006 min  
Response: 4121175  
Conc: 6.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.222 min  
Delta R.T.: -0.006 min  
Response: 1474431  
Conc: 2.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
18-B4(2-4)



#28 Decachlorobiphenyl

R.T.: 11.432 min  
Delta R.T.: -0.003 min  
Response: 2861364  
Conc: 3.43 ng/ml