

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
 Data File : PL065041.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 17:16  
 Operator : AR\AJ  
 Sample : M1537-01MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-01-030221MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 01:18:26 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 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... | 3.423 | 4.099 | 67484883 | 57275146 | 23.986 | 26.514 |
| 28)                         | SA Decachlor... | 8.144 | 9.256 | 44463620 | 34066075 | 19.772 | 17.935 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.855 | 4.501 | 242.0E6  | 178.3E6  | 52.188 | 58.864 |
| 3)                          | MA gamma-BHC... | 4.135 | 4.793 | 220.8E6  | 166.3E6  | 51.070 | 58.555 |
| 4)                          | MA Heptachlor   | 4.432 | 5.304 | 201.8E6  | 154.2E6  | 49.227 | 52.057 |
| 5)                          | MB Aldrin       | 4.677 | 5.614 | 185.8E6  | 133.3E6  | 49.889 | 54.359 |
| 6)                          | B beta-BHC      | 4.387 | 4.973 | 103.6E6  | 68875118 | 60.596 | 52.822 |
| 7)                          | B delta-BHC     | 4.588 | 5.193 | 218.1E6  | 162.9E6  | 53.964 | 60.310 |
| 8)                          | B Heptachlo...  | 5.118 | 6.009 | 172.5E6  | 120.7E6  | 49.683 | 54.712 |
| 9)                          | A Endosulfan I  | 5.454 | 6.371 | 142.8E6  | 116.0E6  | 44.528 | 55.321 |
| 10)                         | B gamma-Chl...  | 5.344 | 6.245 | 175.9E6  | 123.3E6  | 50.164 | 53.332 |
| 11)                         | B alpha-Chl...  | 5.401 | 6.317 | 170.6E6  | 130.0E6  | 49.254 | 56.458 |
| 12)                         | B 4,4'-DDE      | 5.567 | 6.474 | 189.6E6  | 129.8E6  | 60.570 | 64.016 |
| 13)                         | MA Dieldrin     | 5.695 | 6.632 | 171.1E6  | 110.2E6  | 52.173 | 51.566 |
| 14)                         | MA Endrin       | 5.949 | 6.854 | 152.3E6  | 90357747 | 50.724 | 49.982 |
| 15)                         | B Endosulfa...  | 6.223 | 7.069 | 138.9E6  | 92489148 | 48.233 | 49.083 |
| 16)                         | A 4,4'-DDD      | 6.081 | 6.973 | 132.4E6  | 94578918 | 52.281 | 54.556 |
| 17)                         | MA 4,4'-DDT     | 6.319 | 7.273 | 118.6E6  | 87376365 | 52.582 | 57.309 |
| 18)                         | B Endrin al...  | 6.390 | 7.195 | 116.3E6  | 80268494 | 47.694 | 49.294 |
| 19)                         | B Endosulfa...  | 6.604 | 7.418 | 136.0E6  | 96377813 | 47.954 | 53.555 |
| 20)                         | A Methoxychlor  | 6.866 | 7.734 | 54167278 | 42240368 | 41.833 | 46.728 |
| 21)                         | B Endrin ke...  | 7.090 | 7.897 | 128.9E6  | 91234334 | 44.944 | 47.724 |
| 22)                         | Mirex           | 7.272 | 8.347 | 105.3E6  | 66656266 | 49.839 | 47.953 |
| -----                       |                 |       |       |          |          |        |        |

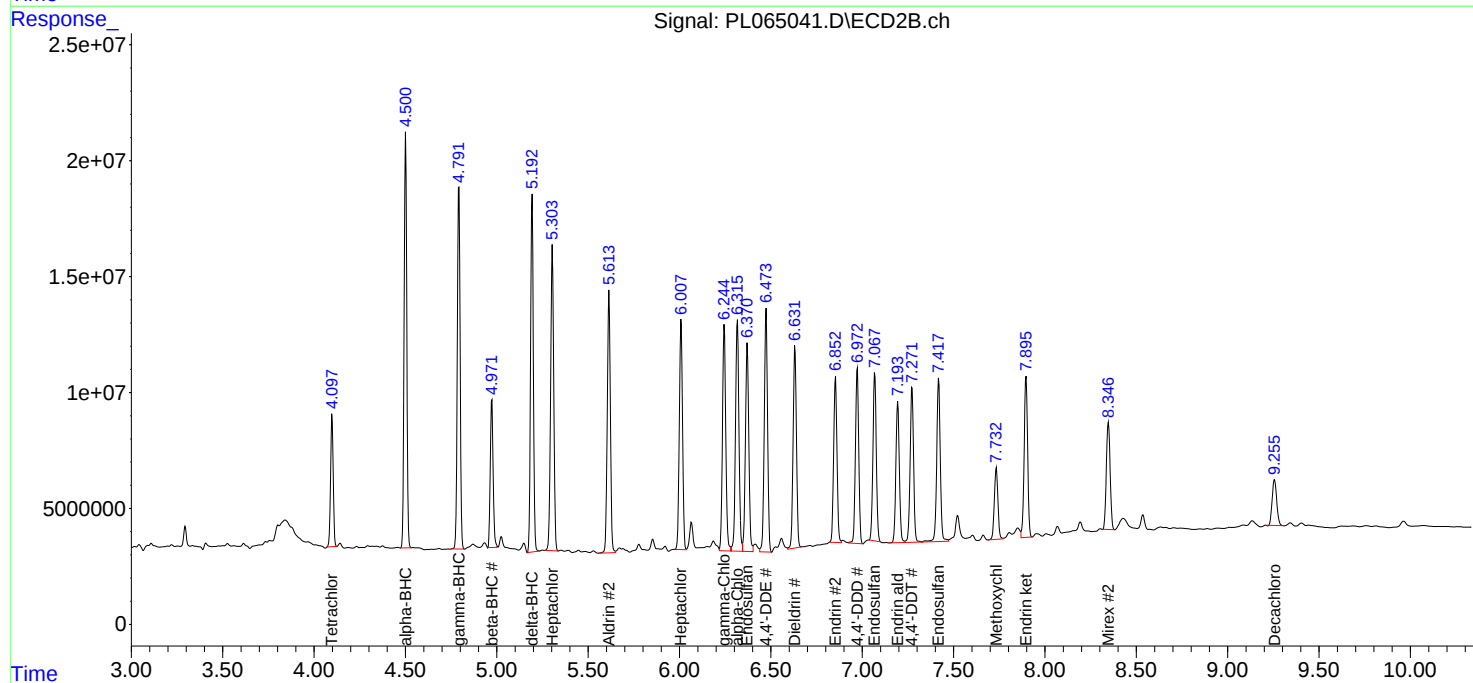
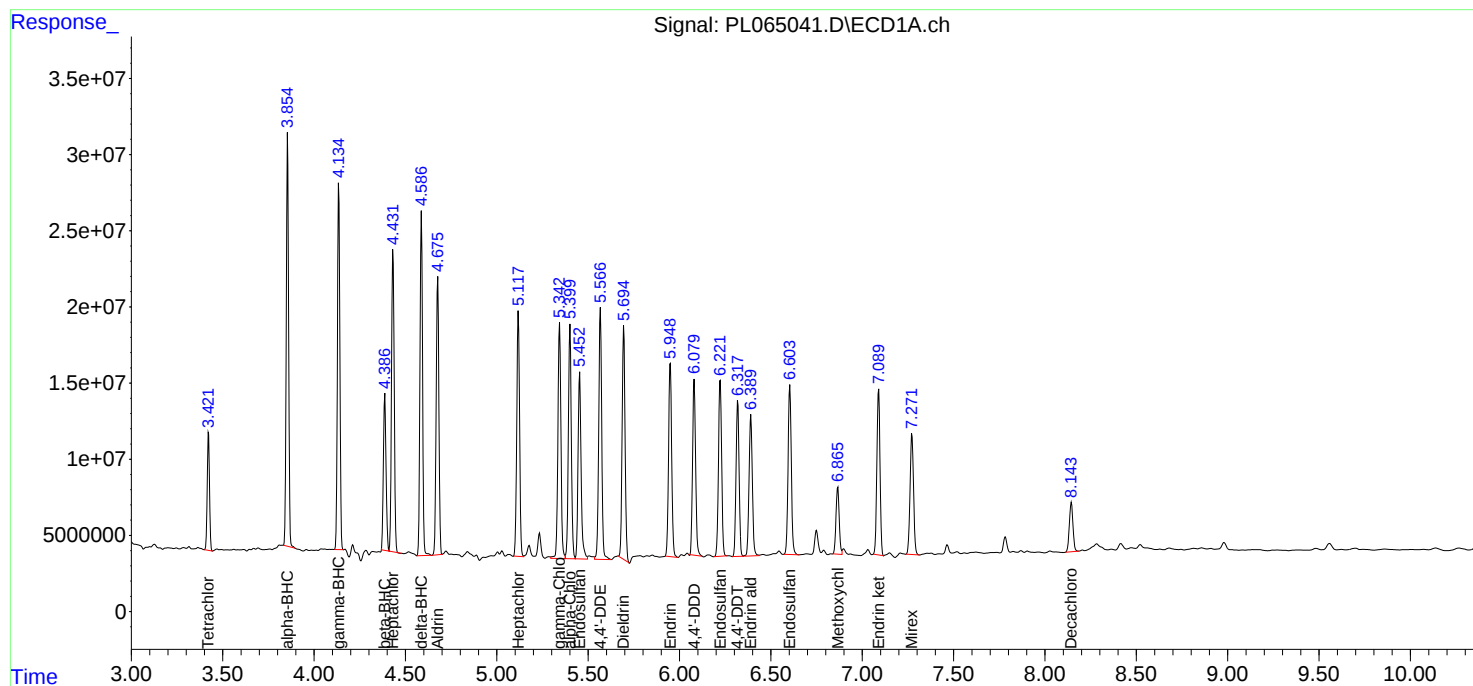
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

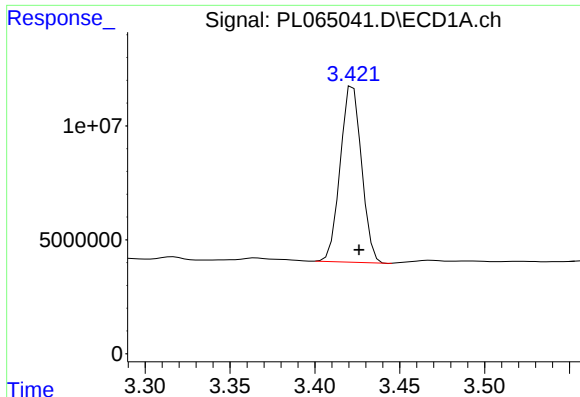
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030321\  
Data File : PL065041.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 17:16  
Operator : AR\AJ  
Sample : M1537-01MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 01:18:26 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 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

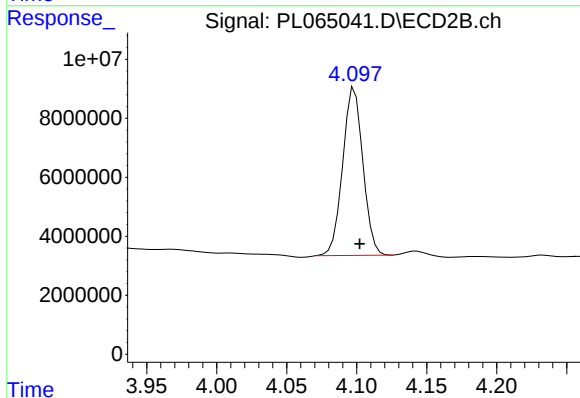




#1 Tetrachloro-m-xylene

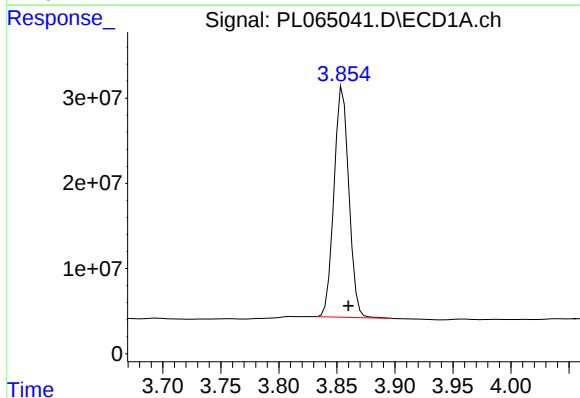
R.T.: 3.423 min  
Delta R.T.: -0.003 min  
Response: 67484883  
Conc: 23.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



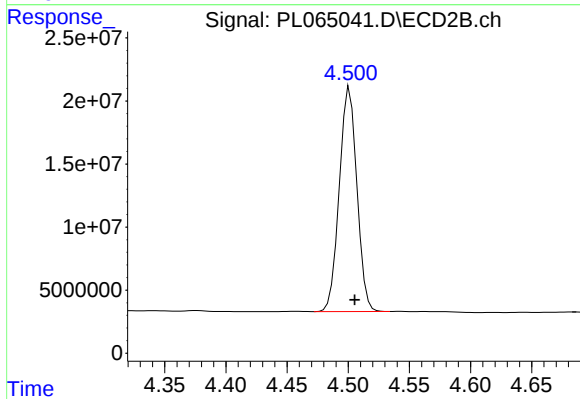
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: -0.004 min  
Response: 57275146  
Conc: 26.51 ng/ml



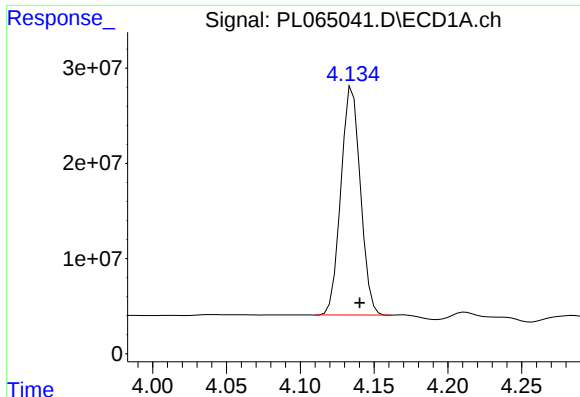
#2 alpha-BHC

R.T.: 3.855 min  
Delta R.T.: -0.005 min  
Response: 242022167  
Conc: 52.19 ng/ml



#2 alpha-BHC

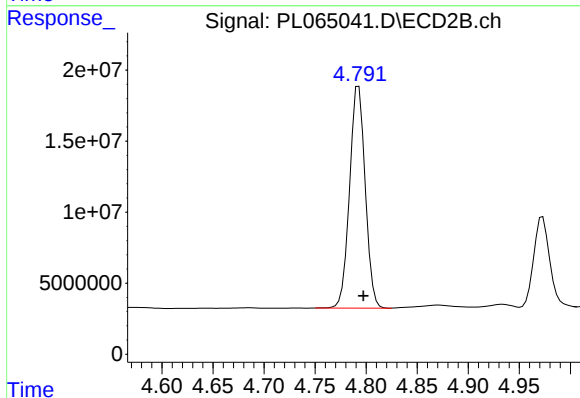
R.T.: 4.501 min  
Delta R.T.: -0.004 min  
Response: 178298669  
Conc: 58.86 ng/ml



#3 gamma-BHC (Lindane)

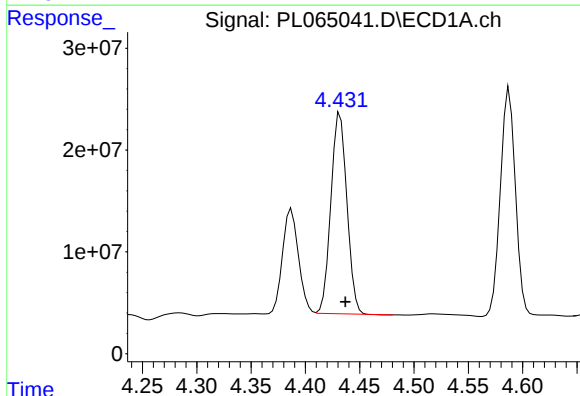
R.T.: 4.135 min  
Delta R.T.: -0.005 min  
Response: 220802674  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



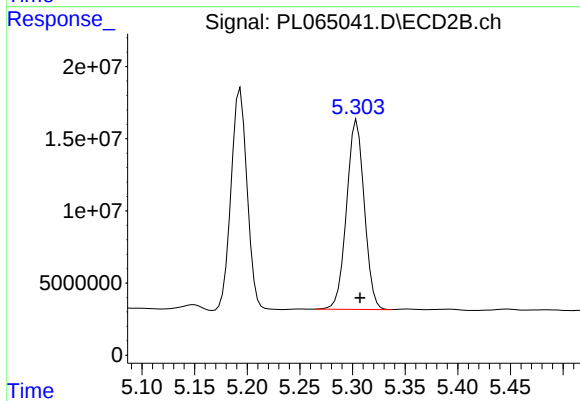
#3 gamma-BHC (Lindane)

R.T.: 4.793 min  
Delta R.T.: -0.005 min  
Response: 166323657  
Conc: 58.56 ng/ml



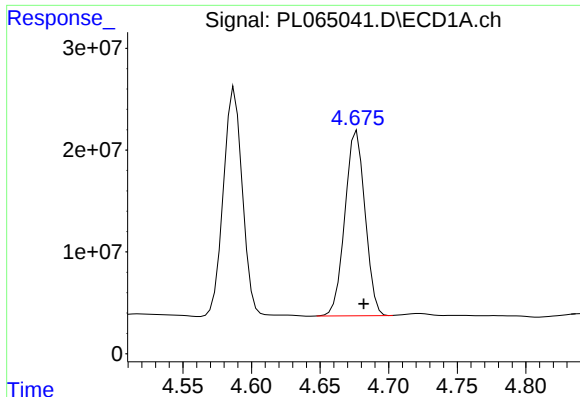
#4 Heptachlor

R.T.: 4.432 min  
Delta R.T.: -0.005 min  
Response: 201838635  
Conc: 49.23 ng/ml



#4 Heptachlor

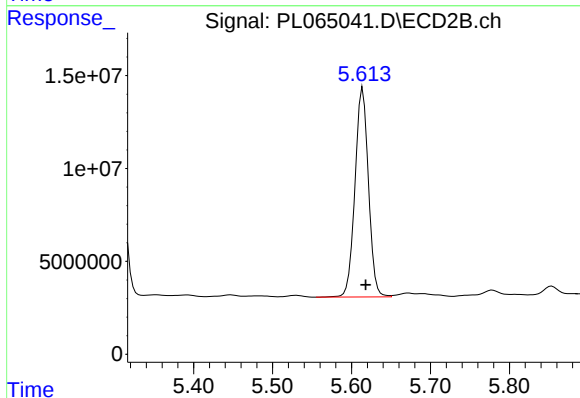
R.T.: 5.304 min  
Delta R.T.: -0.003 min  
Response: 154222568  
Conc: 52.06 ng/ml



#5 Aldrin

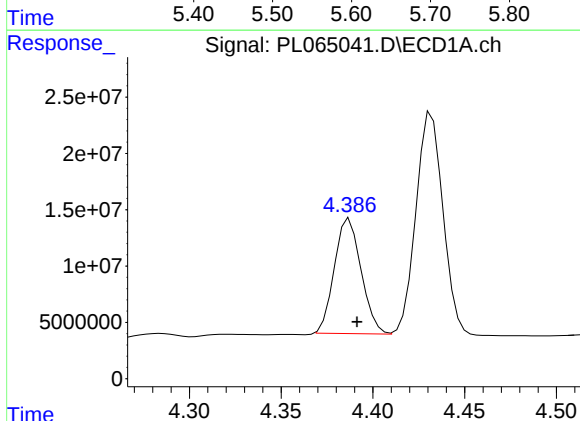
R.T.: 4.677 min  
Delta R.T.: -0.005 min  
Response: 185767007  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



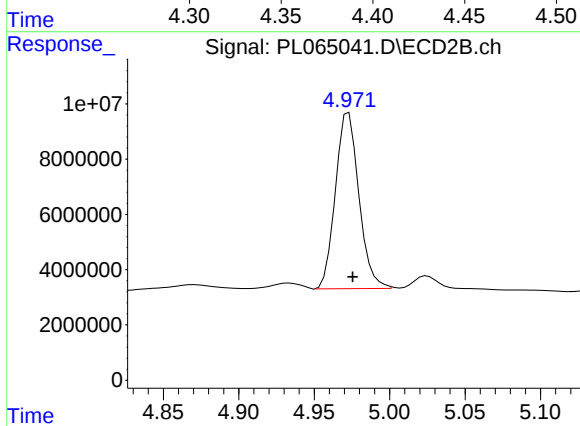
#5 Aldrin

R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 133308579  
Conc: 54.36 ng/ml



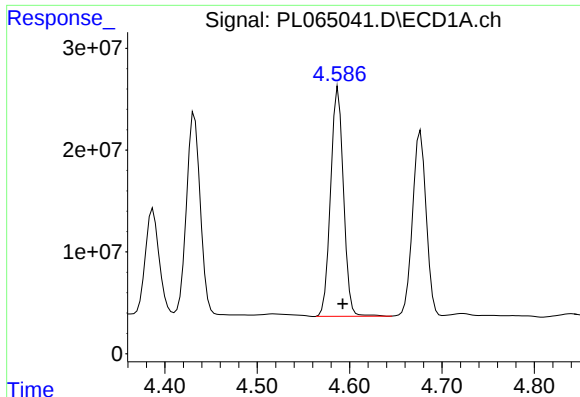
#6 beta-BHC

R.T.: 4.387 min  
Delta R.T.: -0.004 min  
Response: 103570144  
Conc: 60.60 ng/ml



#6 beta-BHC

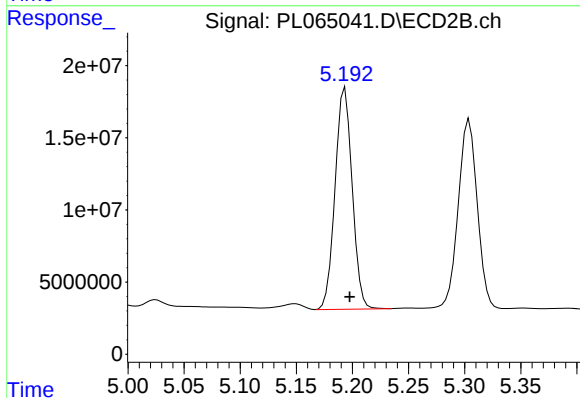
R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 68875118  
Conc: 52.82 ng/ml



#7 delta-BHC

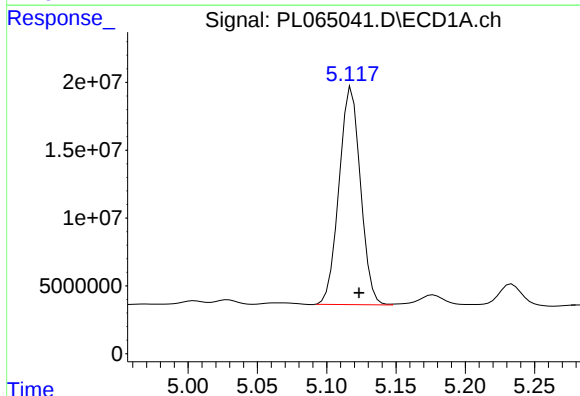
R.T.: 4.588 min  
Delta R.T.: -0.005 min  
Response: 218133683  
Conc: 53.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



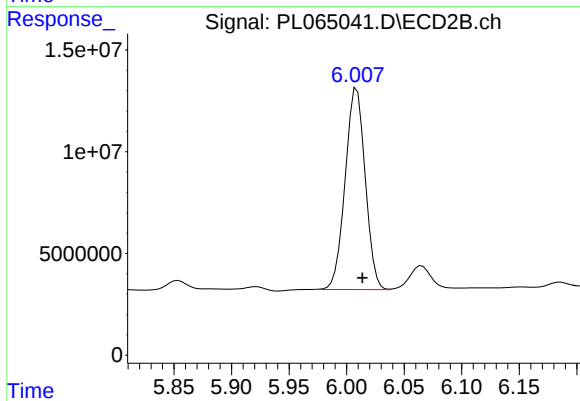
#7 delta-BHC

R.T.: 5.193 min  
Delta R.T.: -0.004 min  
Response: 162944849  
Conc: 60.31 ng/ml



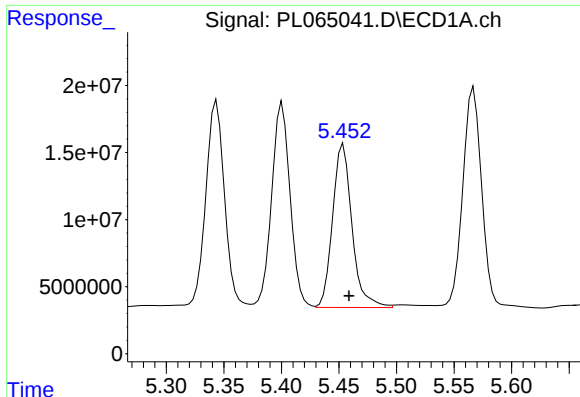
#8 Heptachlor epoxide

R.T.: 5.118 min  
Delta R.T.: -0.005 min  
Response: 172492017  
Conc: 49.68 ng/ml



#8 Heptachlor epoxide

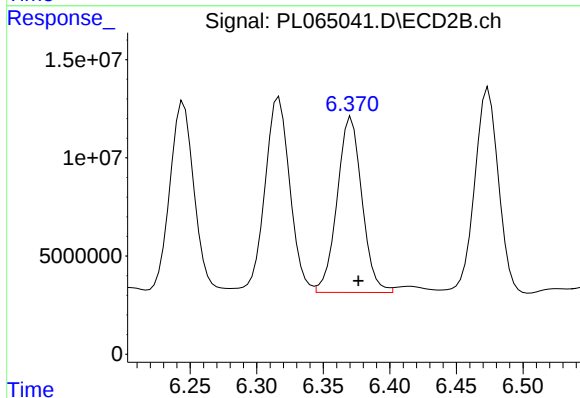
R.T.: 6.009 min  
Delta R.T.: -0.005 min  
Response: 120711157  
Conc: 54.71 ng/ml



#9 Endosulfan I

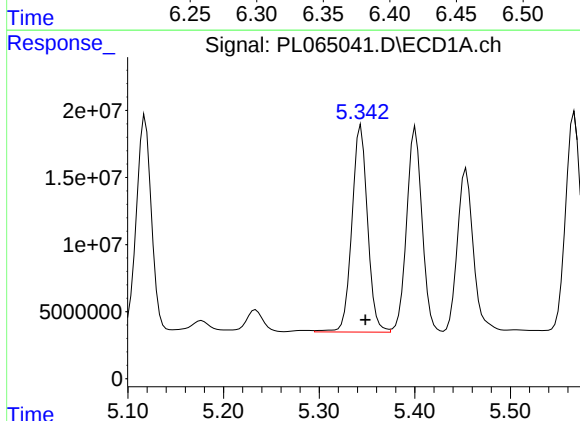
R.T.: 5.454 min  
Delta R.T.: -0.005 min  
Response: 142795670  
Conc: 44.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



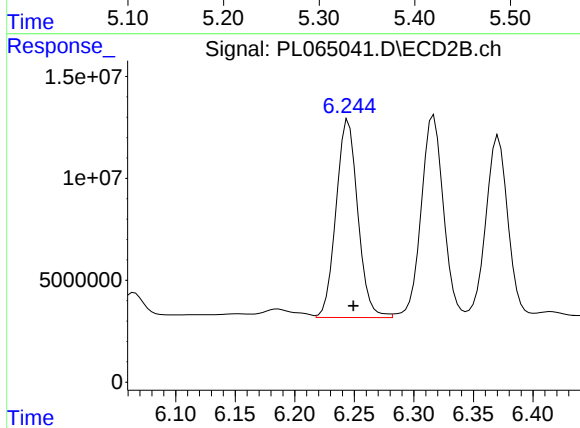
#9 Endosulfan I

R.T.: 6.371 min  
Delta R.T.: -0.005 min  
Response: 116032903  
Conc: 55.32 ng/ml



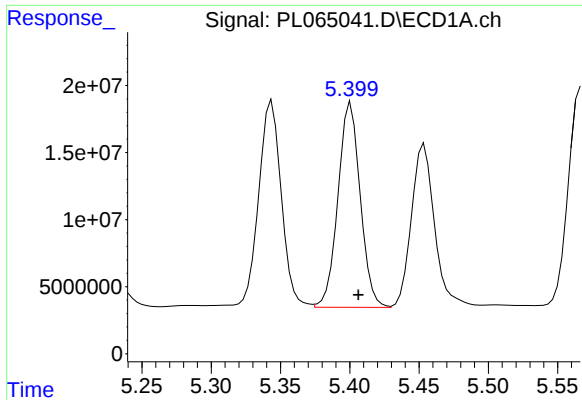
#10 gamma-Chlordane

R.T.: 5.344 min  
Delta R.T.: -0.005 min  
Response: 175893797  
Conc: 50.16 ng/ml



#10 gamma-Chlordane

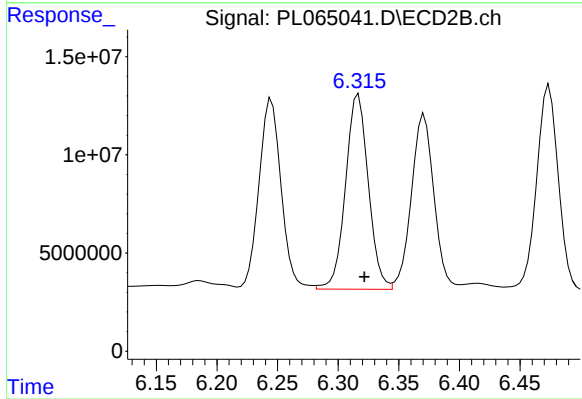
R.T.: 6.245 min  
Delta R.T.: -0.004 min  
Response: 123250255  
Conc: 53.33 ng/ml



#11 alpha-Chlordane

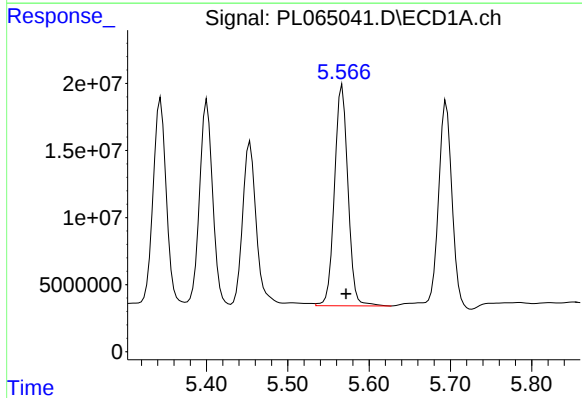
R.T.: 5.401 min  
Delta R.T.: -0.005 min  
Response: 170590798  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



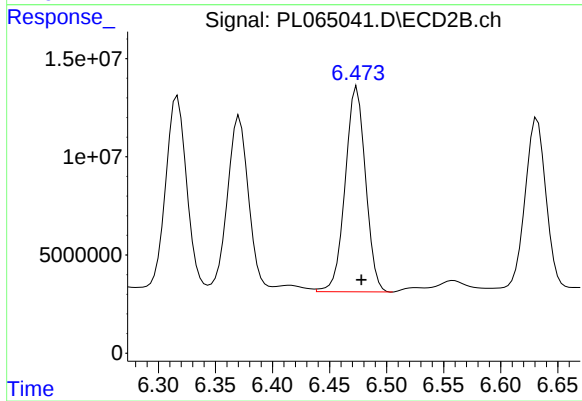
#11 alpha-Chlordane

R.T.: 6.317 min  
Delta R.T.: -0.005 min  
Response: 129979440  
Conc: 56.46 ng/ml



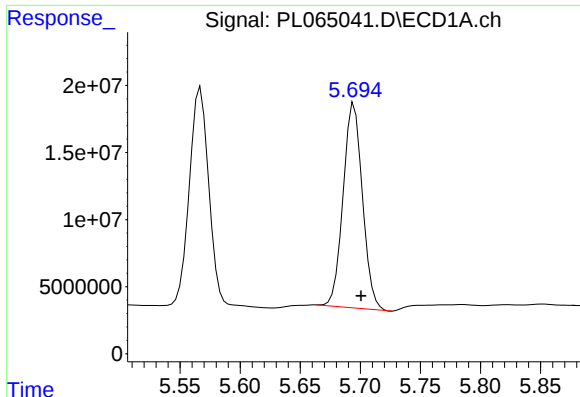
#12 4,4'-DDE

R.T.: 5.567 min  
Delta R.T.: -0.005 min  
Response: 189550287  
Conc: 60.57 ng/ml



#12 4,4'-DDE

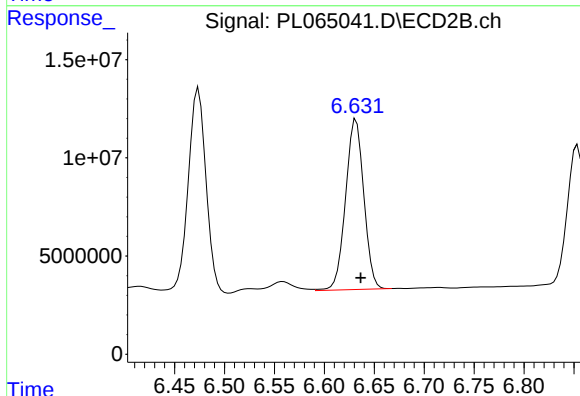
R.T.: 6.474 min  
Delta R.T.: -0.004 min  
Response: 129824905  
Conc: 64.02 ng/ml



#13 Dieldrin

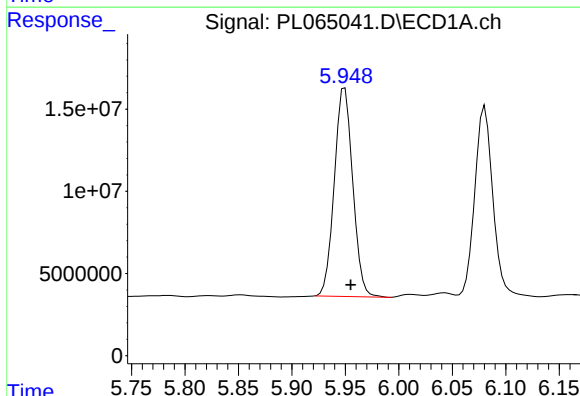
R.T.: 5.695 min  
Delta R.T.: -0.006 min  
Response: 171136112  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



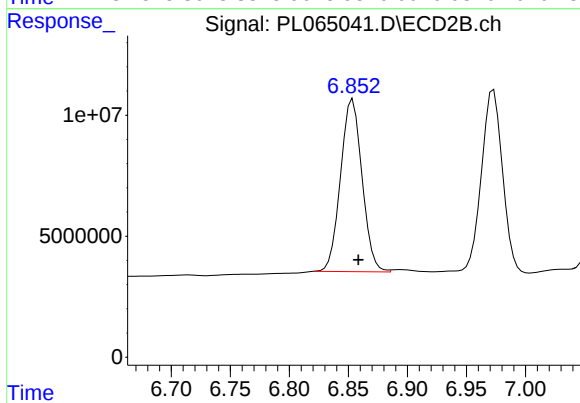
#13 Dieldrin

R.T.: 6.632 min  
Delta R.T.: -0.005 min  
Response: 110231294  
Conc: 51.57 ng/ml



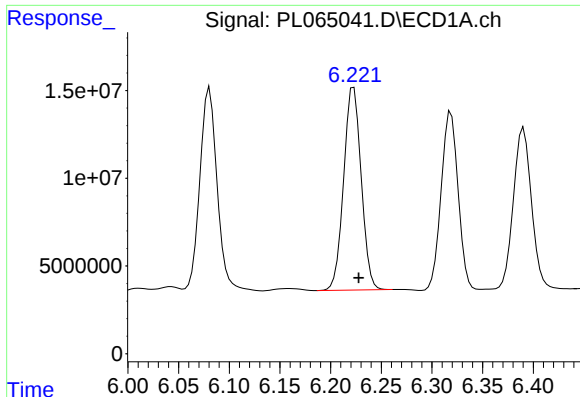
#14 Endrin

R.T.: 5.949 min  
Delta R.T.: -0.005 min  
Response: 152342716  
Conc: 50.72 ng/ml



#14 Endrin

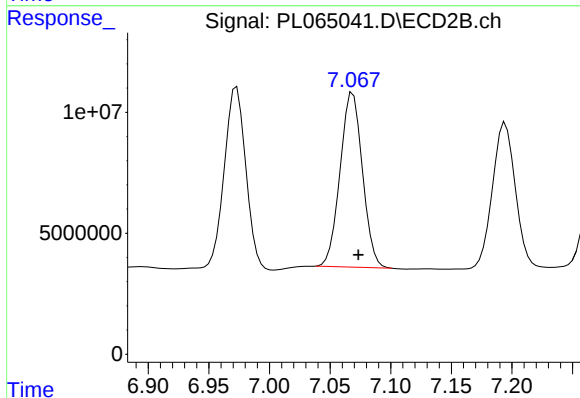
R.T.: 6.854 min  
Delta R.T.: -0.005 min  
Response: 90357747  
Conc: 49.98 ng/ml



#15 Endosulfan II

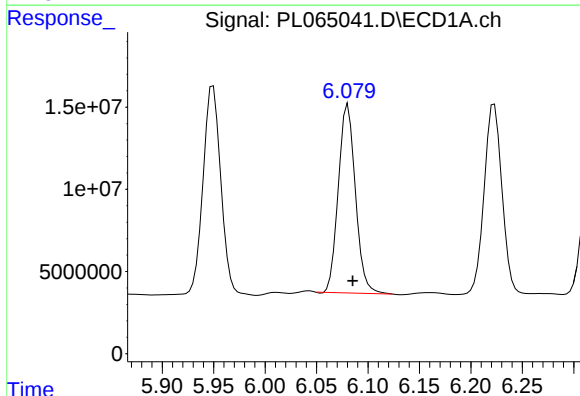
R.T.: 6.223 min  
Delta R.T.: -0.005 min  
Response: 138887311  
Conc: 48.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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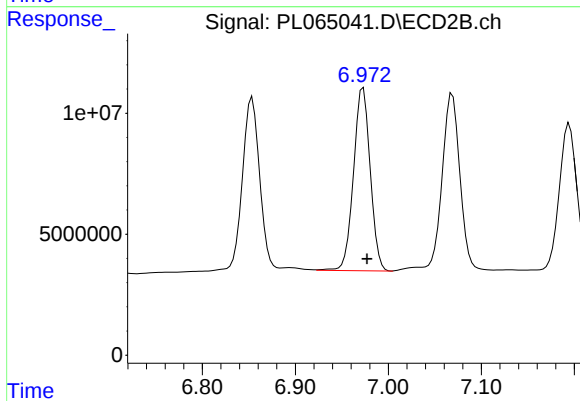
#15 Endosulfan II

R.T.: 7.069 min  
Delta R.T.: -0.004 min  
Response: 92489148  
Conc: 49.08 ng/ml



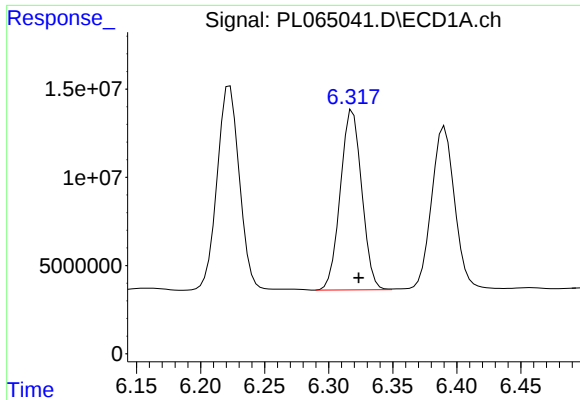
#16 4,4'-DDD

R.T.: 6.081 min  
Delta R.T.: -0.005 min  
Response: 132405829  
Conc: 52.28 ng/ml



#16 4,4'-DDD

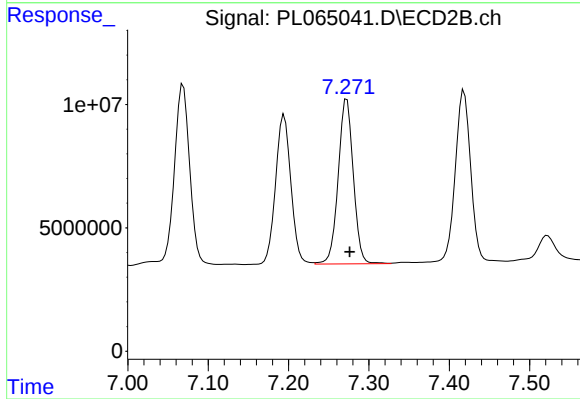
R.T.: 6.973 min  
Delta R.T.: -0.004 min  
Response: 94578918  
Conc: 54.56 ng/ml



#17 4,4'-DDT

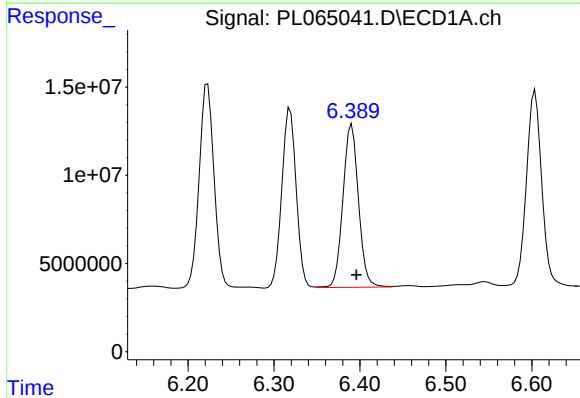
R.T.: 6.319 min  
Delta R.T.: -0.005 min  
Response: 118571801  
Conc: 52.58 ng/ml

Instrument :  
ECD\_L  
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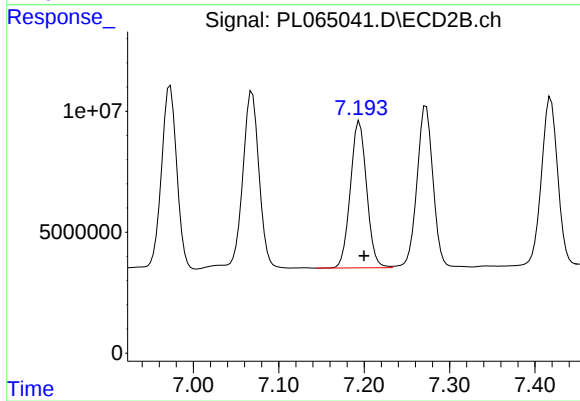
#17 4,4'-DDT

R.T.: 7.273 min  
Delta R.T.: -0.004 min  
Response: 87376365  
Conc: 57.31 ng/ml



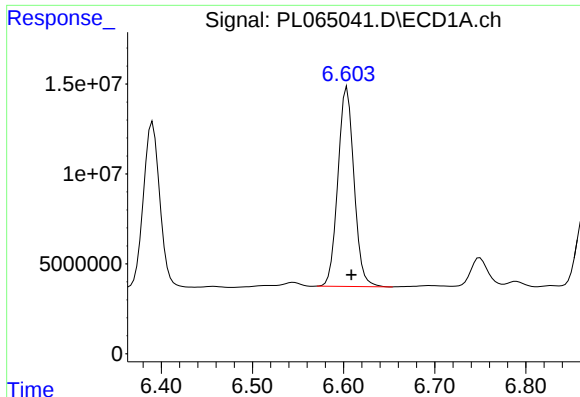
#18 Endrin aldehyde

R.T.: 6.390 min  
Delta R.T.: -0.005 min  
Response: 116286935  
Conc: 47.69 ng/ml



#18 Endrin aldehyde

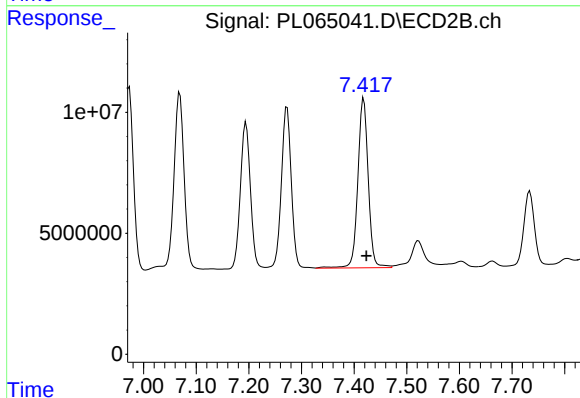
R.T.: 7.195 min  
Delta R.T.: -0.005 min  
Response: 80268494  
Conc: 49.29 ng/ml



#19 Endosulfan Sulfate

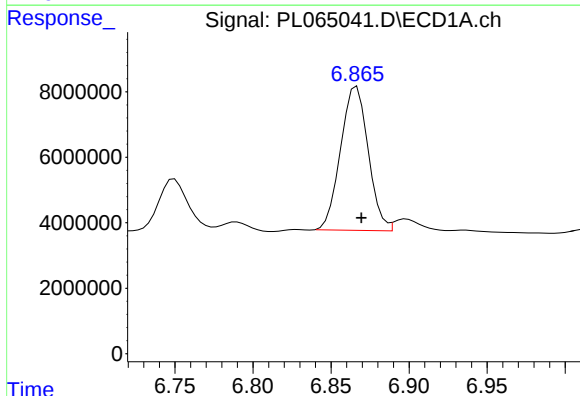
R.T.: 6.604 min  
Delta R.T.: -0.005 min  
Response: 135992428  
Conc: 47.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



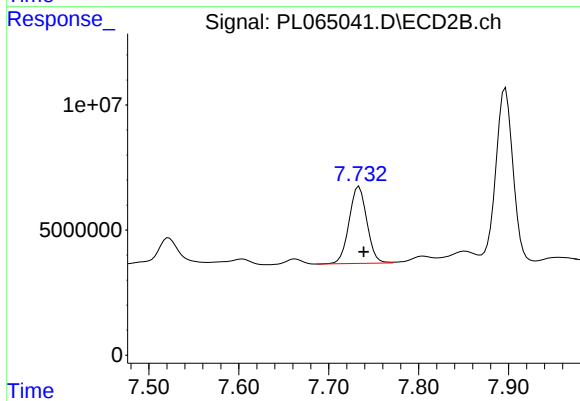
#19 Endosulfan Sulfate

R.T.: 7.418 min  
Delta R.T.: -0.005 min  
Response: 96377813  
Conc: 53.55 ng/ml



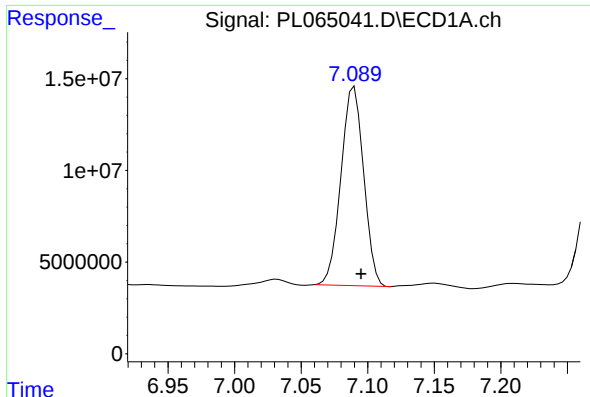
#20 Methoxychlor

R.T.: 6.866 min  
Delta R.T.: -0.003 min  
Response: 54167278  
Conc: 41.83 ng/ml



#20 Methoxychlor

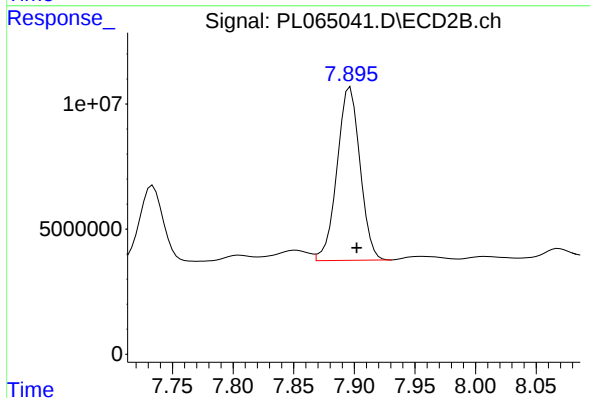
R.T.: 7.734 min  
Delta R.T.: -0.005 min  
Response: 42240368  
Conc: 46.73 ng/ml



#21 Endrin ketone

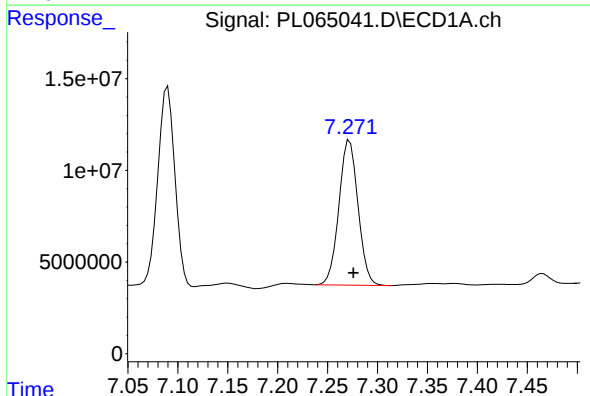
R.T.: 7.090 min  
Delta R.T.: -0.005 min  
Response: 128903804  
Conc: 44.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



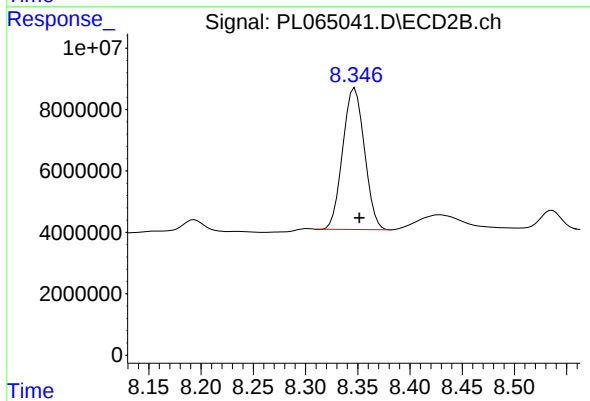
#21 Endrin ketone

R.T.: 7.897 min  
Delta R.T.: -0.005 min  
Response: 91234334  
Conc: 47.72 ng/ml



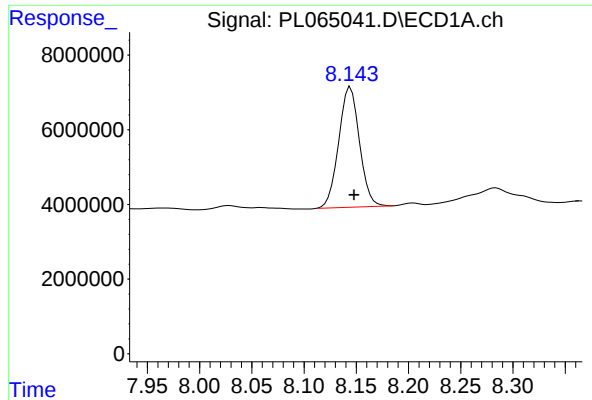
#22 Mirex

R.T.: 7.272 min  
Delta R.T.: -0.004 min  
Response: 105306658  
Conc: 49.84 ng/ml



#22 Mirex

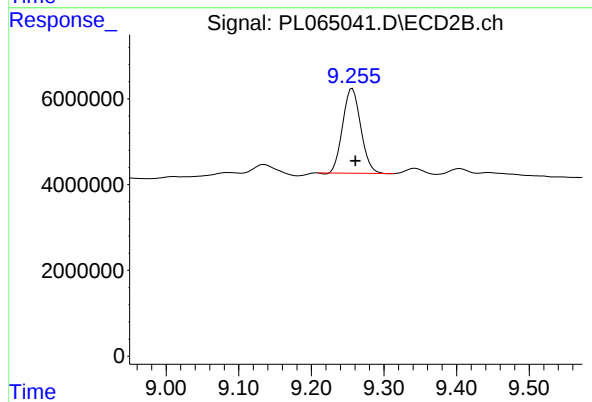
R.T.: 8.347 min  
Delta R.T.: -0.004 min  
Response: 66656266  
Conc: 47.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.144 min  
Delta R.T.: -0.003 min  
Response: 44463620  
Conc: 19.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-030221MS



#28 Decachlorobiphenyl

R.T.: 9.256 min  
Delta R.T.: -0.004 min  
Response: 34066075  
Conc: 17.94 ng/ml