

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102919\  
 Data File : PL053895.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Oct 2019 21:13  
 Operator : SG\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: Oct 30 07:21:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.543 | 4.045 | 568.5E6 | 133.2E6  | 52.452 | 53.244 |
| 28)                         | SA Decachlor... | 8.326 | 9.122 | 462.4E6 | 139.7E6  | 47.127 | 49.624 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.986 | 4.436 | 922.0E6 | 190.6E6  | 52.880 | 55.146 |
| 3)                          | MA gamma-BHC... | 4.272 | 4.721 | 825.2E6 | 175.7E6  | 52.987 | 54.560 |
| 4)                          | MA Heptachlor   | 4.579 | 5.230 | 820.0E6 | 165.9E6  | 51.954 | 51.501 |
| 5)                          | MB Aldrin       | 4.830 | 5.536 | 775.0E6 | 158.6E6  | 54.209 | 53.188 |
| 6)                          | B beta-BHC      | 4.522 | 4.891 | 334.4E6 | 79835089 | 50.738 | 51.686 |
| 7)                          | B delta-BHC     | 4.731 | 5.108 | 798.0E6 | 169.0E6  | 52.429 | 55.935 |
| 8)                          | B Heptachlor... | 5.276 | 5.922 | 714.0E6 | 159.3E6  | 52.889 | 54.618 |
| 9)                          | A Endosulfan I  | 5.618 | 6.279 | 651.6E6 | 141.4E6  | 53.006 | 52.153 |
| 10)                         | B gamma-Chl...  | 5.504 | 6.155 | 726.9E6 | 151.1E6  | 53.275 | 51.801 |
| 11)                         | B alpha-Chl...  | 5.563 | 6.228 | 688.7E6 | 152.4E6  | 51.765 | 52.210 |
| 12)                         | B 4,4'-DDE      | 5.726 | 6.384 | 622.1E6 | 146.3E6  | 52.356 | 51.950 |
| 13)                         | MA Dieldrin     | 5.863 | 6.536 | 677.9E6 | 150.0E6  | 52.012 | 52.578 |
| 14)                         | MA Endrin       | 6.121 | 6.754 | 579.9E6 | 122.1E6  | 50.026 | 50.293 |
| 15)                         | B Endosulfa...  | 6.394 | 6.962 | 558.9E6 | 134.4E6  | 49.992 | 52.597 |
| 16)                         | A 4,4'-DDD      | 6.244 | 6.874 | 513.2E6 | 122.1E6  | 57.669 | 58.590 |
| 17)                         | MA 4,4'-DDT     | 6.486 | 7.174 | 434.8E6 | 104.1E6  | 43.888 | 45.009 |
| 18)                         | B Endrin al...  | 6.562 | 7.086 | 444.4E6 | 111.5E6  | 48.470 | 50.758 |
| 19)                         | B Endosulfa...  | 6.775 | 7.309 | 501.3E6 | 122.8E6  | 49.280 | 50.063 |
| 20)                         | A Methoxychlor  | 7.031 | 7.631 | 218.2E6 | 58120334 | 44.259 | 44.745 |
| 21)                         | B Endrin ke...  | 7.270 | 7.781 | 545.5E6 | 134.7E6  | 50.676 | 52.224 |
| 22)                         | Mirex           | 7.462 | 8.235 | 401.7E6 | 103.3E6  | 46.961 | 51.069 |
| -----                       |                 |       |       |         |          |        |        |

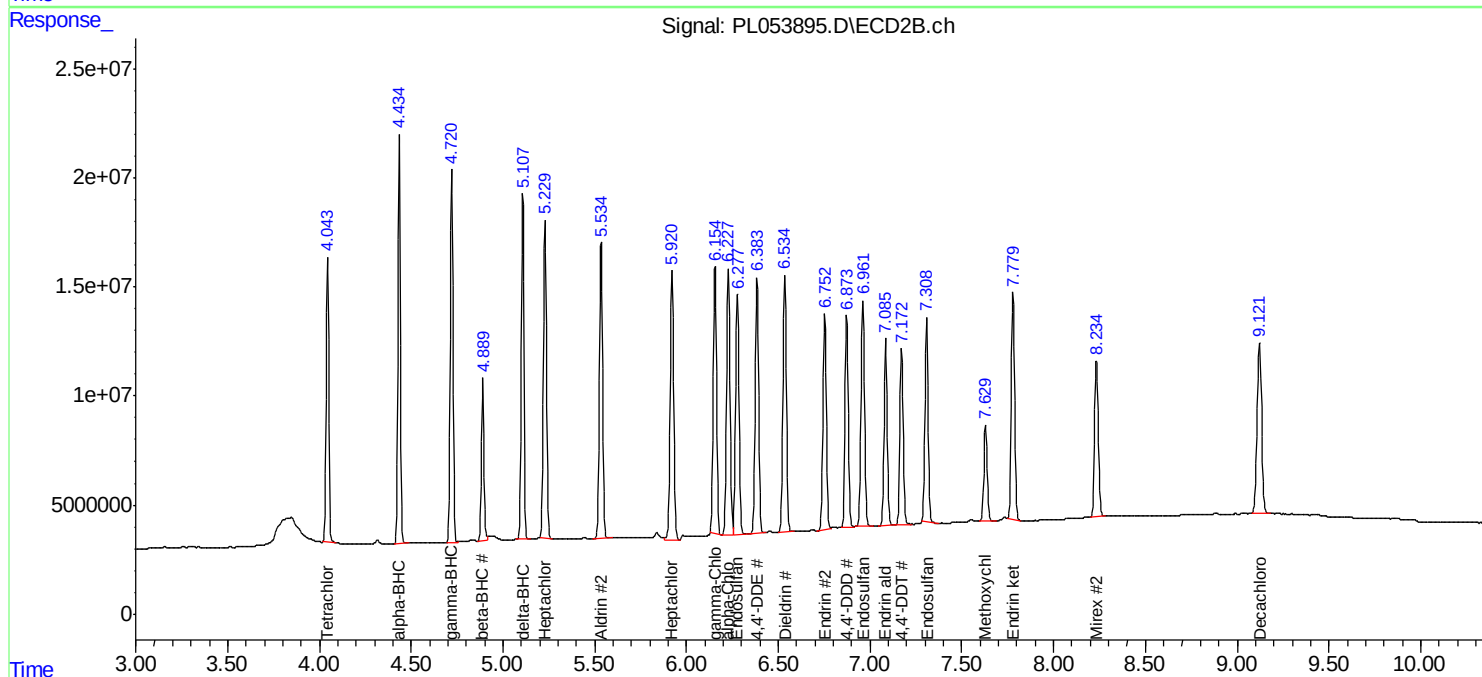
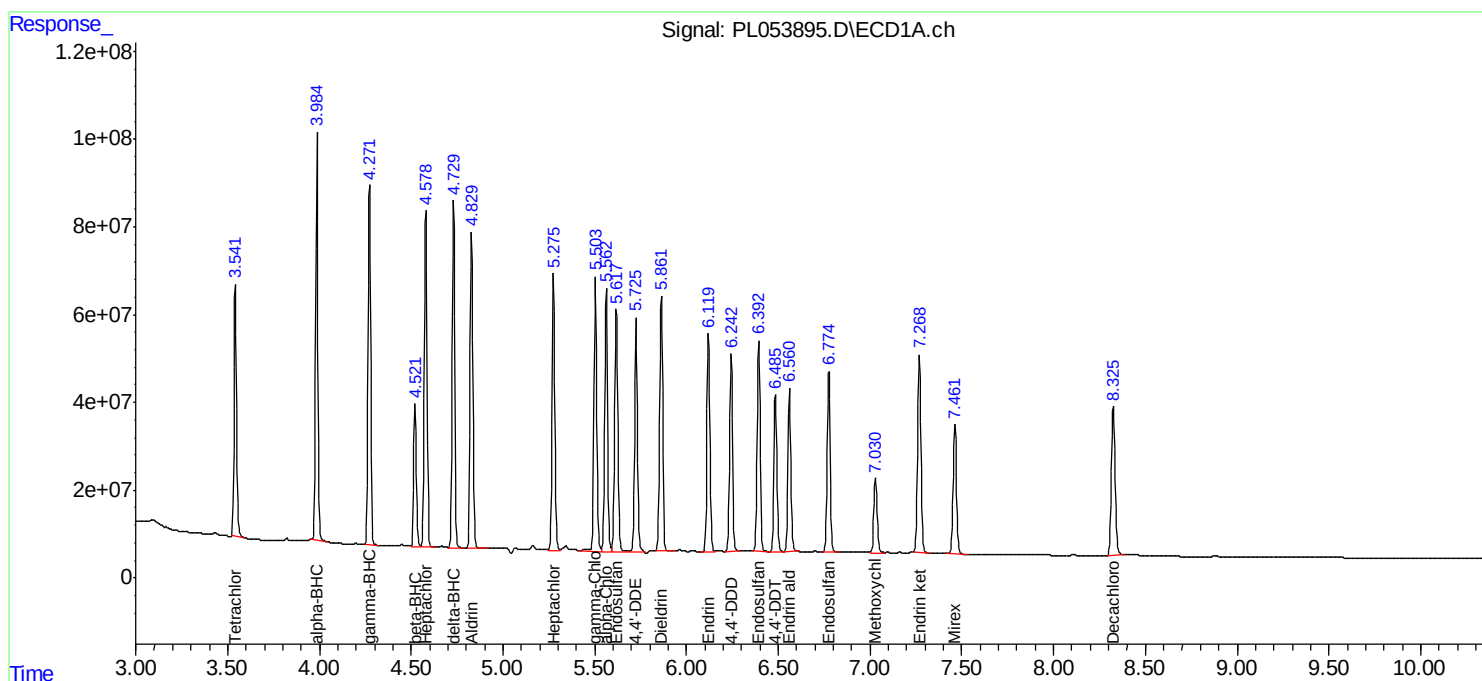
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

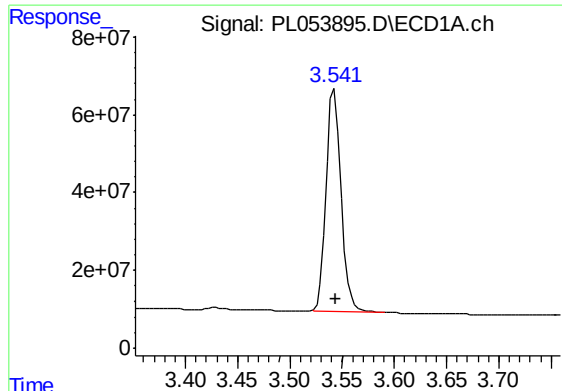
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102919\  
Data File : PL053895.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Oct 2019 21:13  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 30 07:21:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

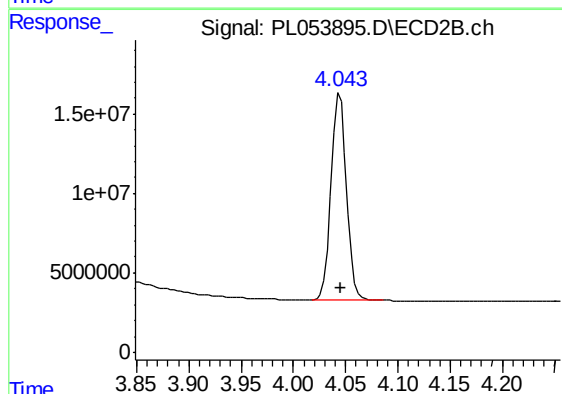




#1 Tetrachloro-m-xylene

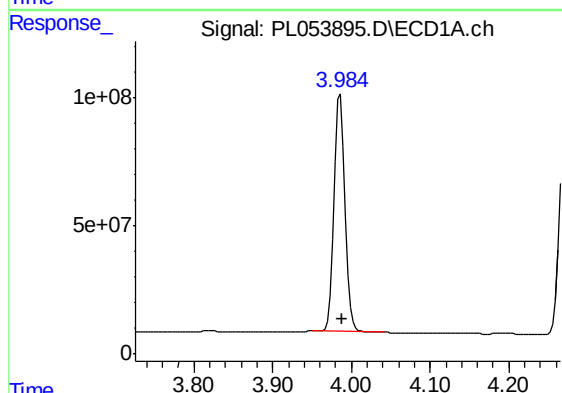
R.T.: 3.543 min  
Delta R.T.: -0.001 min  
Response: 568543353  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



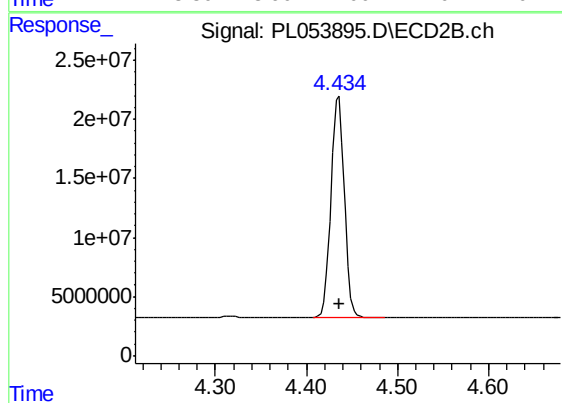
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.001 min  
Response: 133237409  
Conc: 53.24 ng/ml



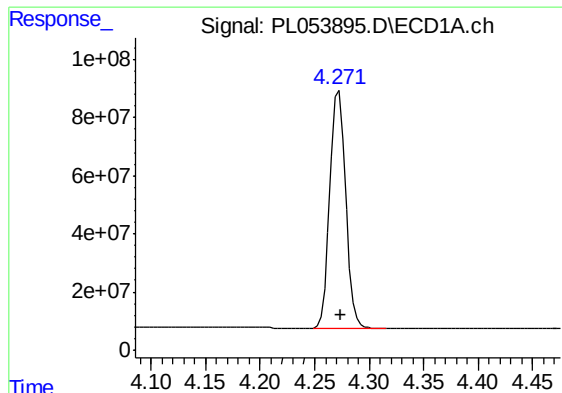
#2 alpha-BHC

R.T.: 3.986 min  
Delta R.T.: -0.002 min  
Response: 922043183  
Conc: 52.88 ng/ml



#2 alpha-BHC

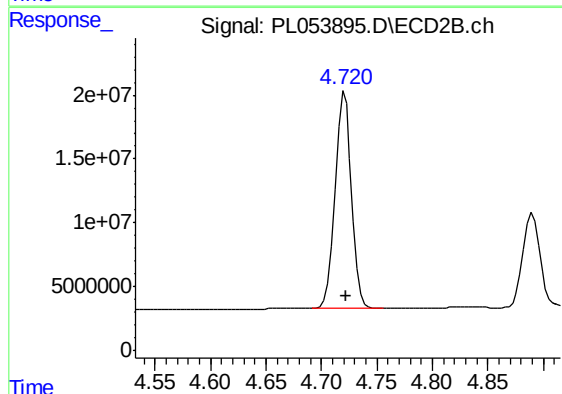
R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 190644387  
Conc: 55.15 ng/ml



#3 gamma-BHC (Lindane)

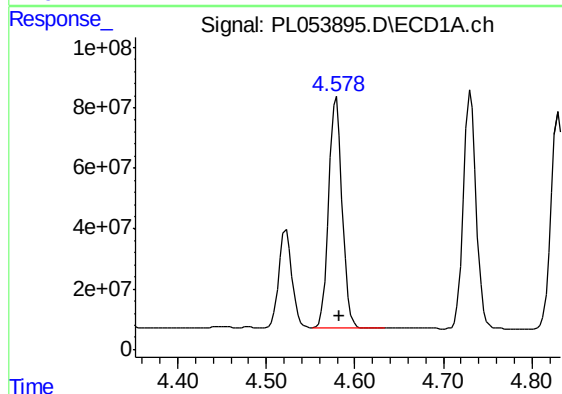
R.T.: 4.272 min  
Delta R.T.: -0.002 min  
Response: 825202010  
Conc: 52.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



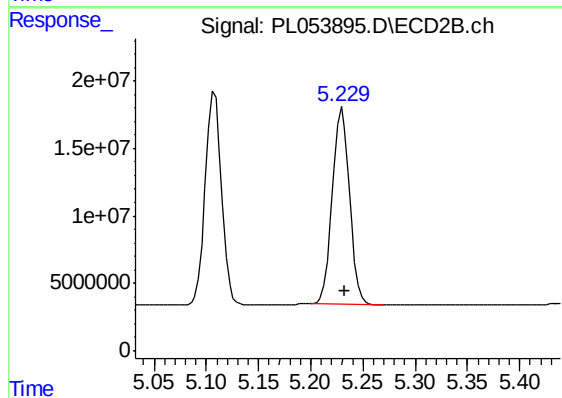
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.001 min  
Response: 175704007  
Conc: 54.56 ng/ml



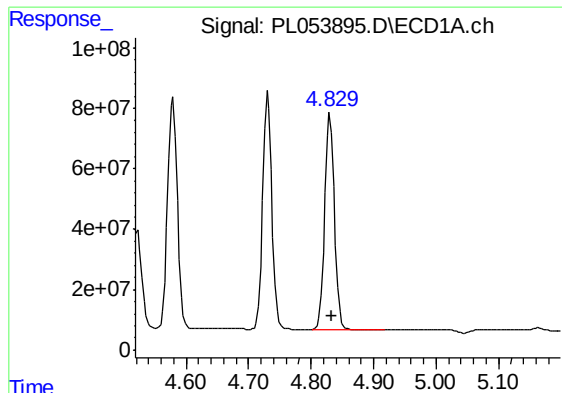
#4 Heptachlor

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 819985119  
Conc: 51.95 ng/ml



#4 Heptachlor

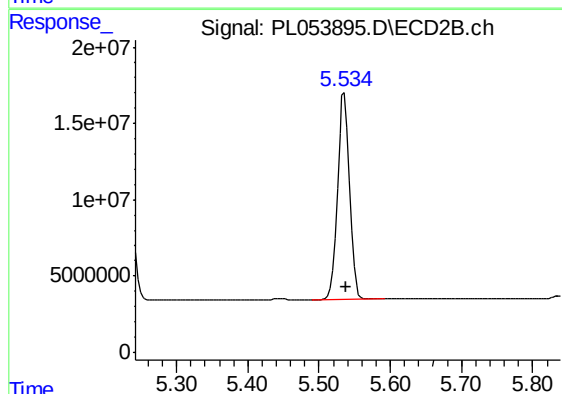
R.T.: 5.230 min  
Delta R.T.: -0.002 min  
Response: 165944992  
Conc: 51.50 ng/ml



#5 Aldrin

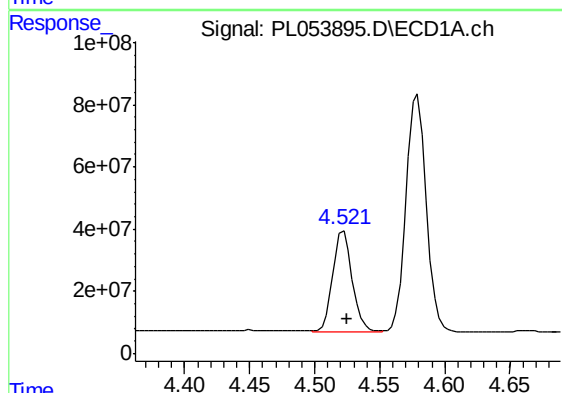
R.T.: 4.830 min  
Delta R.T.: -0.004 min  
Response: 774950264  
Conc: 54.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



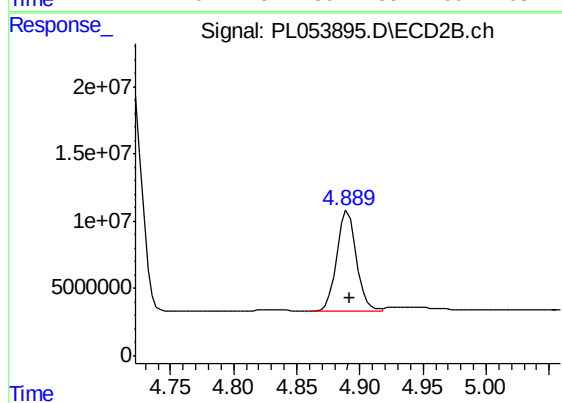
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 158582096  
Conc: 53.19 ng/ml



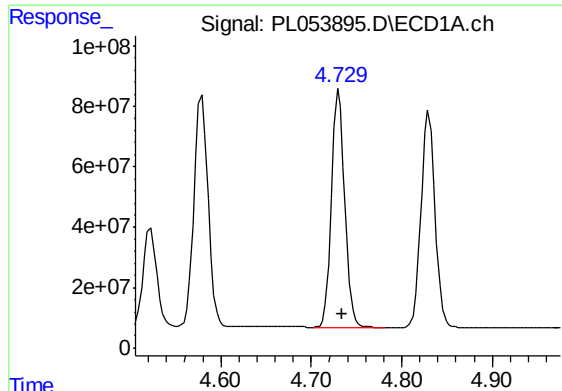
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: -0.002 min  
Response: 334358218  
Conc: 50.74 ng/ml



#6 beta-BHC

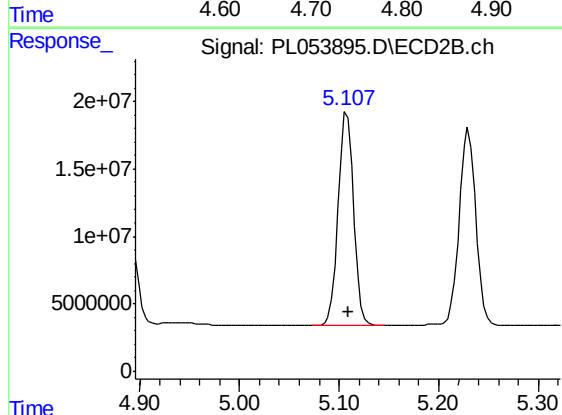
R.T.: 4.891 min  
Delta R.T.: -0.001 min  
Response: 79835089  
Conc: 51.69 ng/ml



#7 delta-BHC

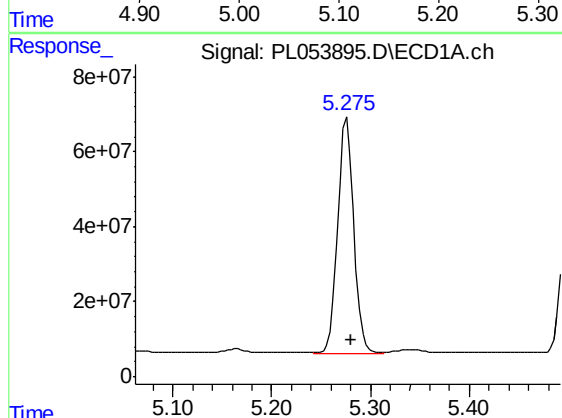
R.T.: 4.731 min  
Delta R.T.: -0.003 min  
Response: 798021267  
Conc: 52.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



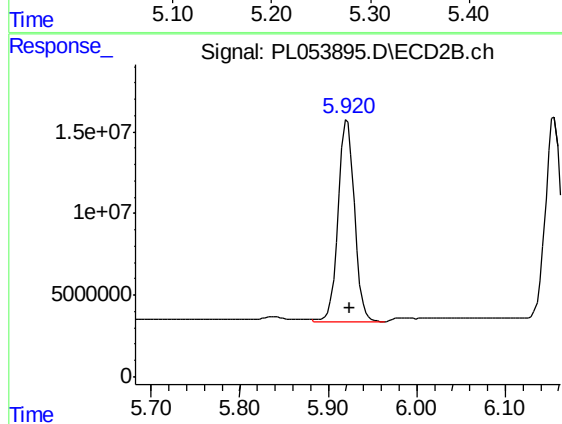
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: -0.001 min  
Response: 168955620  
Conc: 55.93 ng/ml



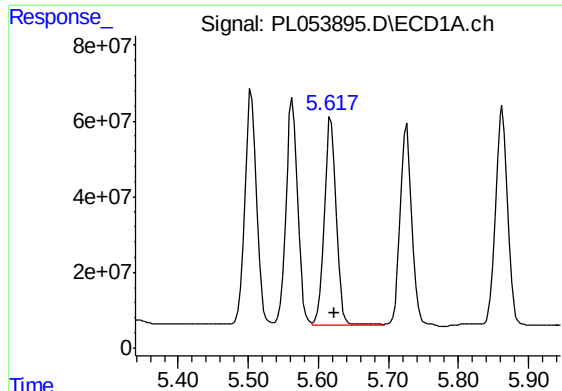
#8 Heptachlor epoxide

R.T.: 5.276 min  
Delta R.T.: -0.004 min  
Response: 713954254  
Conc: 52.89 ng/ml



#8 Heptachlor epoxide

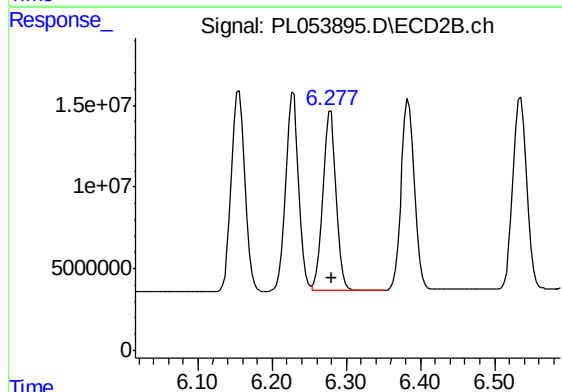
R.T.: 5.922 min  
Delta R.T.: -0.003 min  
Response: 159286573  
Conc: 54.62 ng/ml



#9 Endosulfan I

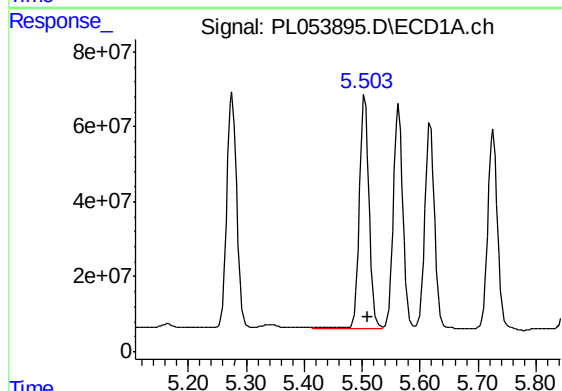
R.T.: 5.618 min  
Delta R.T.: -0.005 min  
Response: 651557058  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



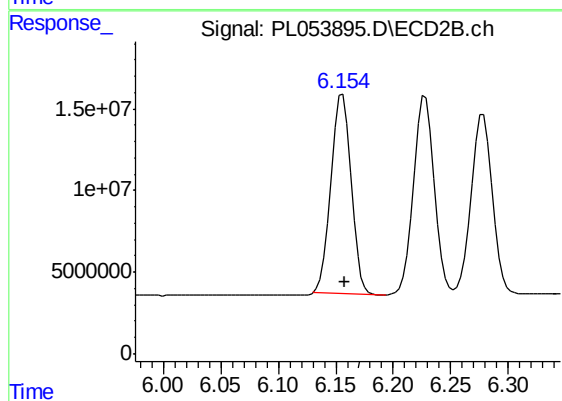
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.003 min  
Response: 141399223  
Conc: 52.15 ng/ml



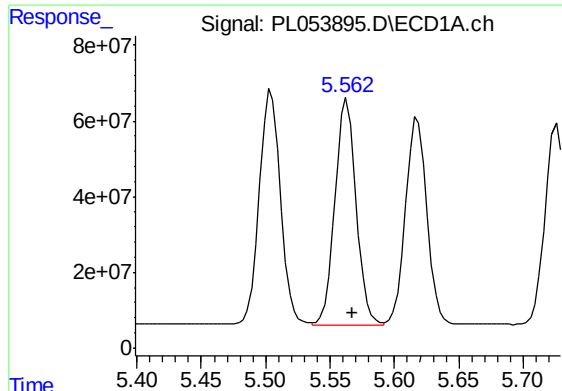
#10 gamma-Chlordane

R.T.: 5.504 min  
Delta R.T.: -0.004 min  
Response: 726861751  
Conc: 53.27 ng/ml



#10 gamma-Chlordane

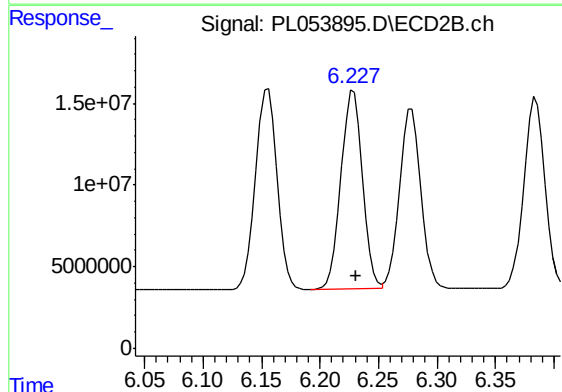
R.T.: 6.155 min  
Delta R.T.: -0.002 min  
Response: 151146269  
Conc: 51.80 ng/ml



#11 alpha-Chlordane

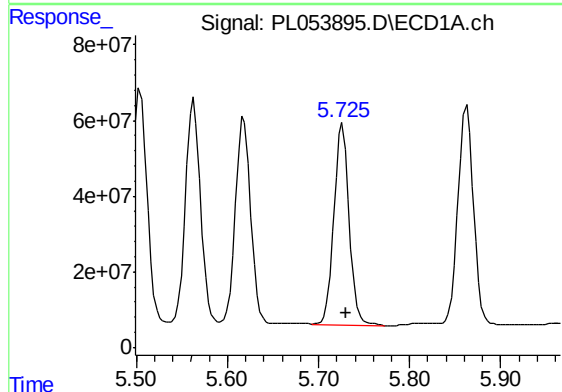
R.T.: 5.563 min  
Delta R.T.: -0.005 min  
Response: 688660314  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



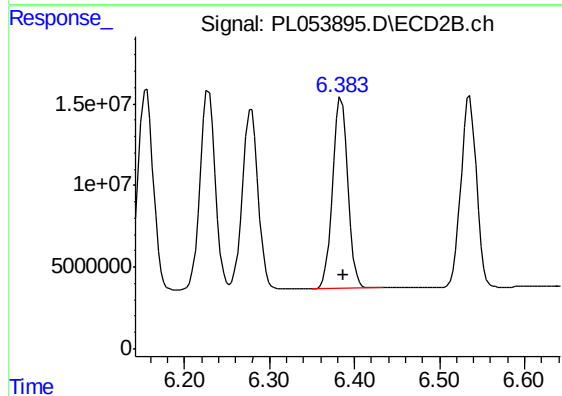
#11 alpha-Chlordane

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 152412105  
Conc: 52.21 ng/ml



#12 4,4'-DDE

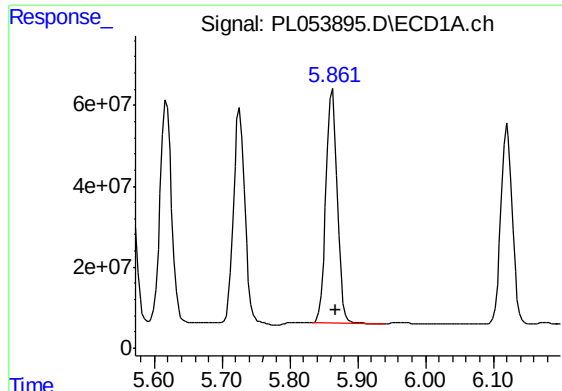
R.T.: 5.726 min  
Delta R.T.: -0.005 min  
Response: 622110399  
Conc: 52.36 ng/ml



#12 4,4'-DDE

R.T.: 6.384 min  
Delta R.T.: -0.002 min  
Response: 146310767  
Conc: 51.95 ng/ml

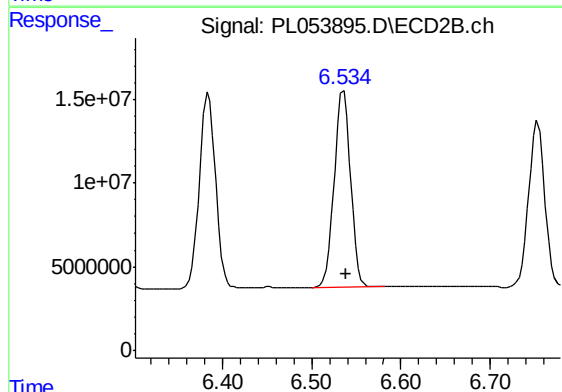




#13 Dielddrin

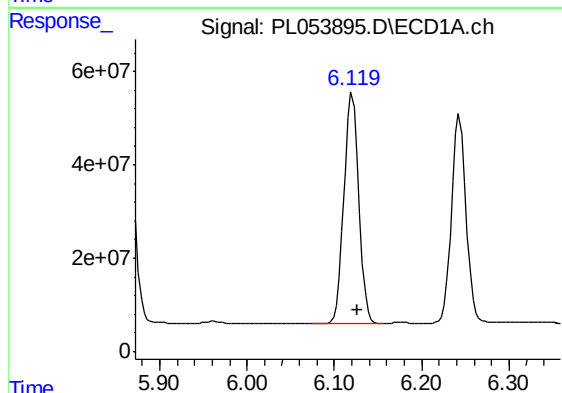
R.T.: 5.863 min  
Delta R.T.: -0.005 min  
Response: 677901684  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



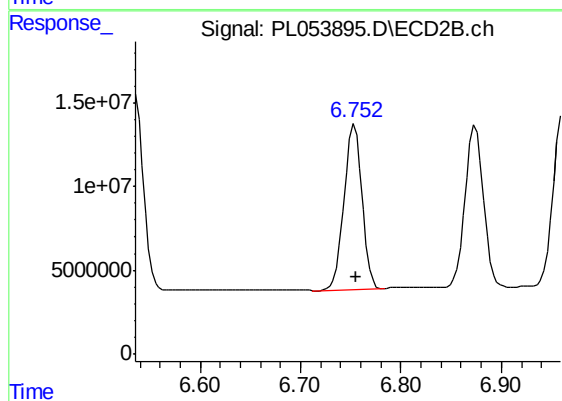
#13 Dielddrin

R.T.: 6.536 min  
Delta R.T.: -0.003 min  
Response: 150038968  
Conc: 52.58 ng/ml



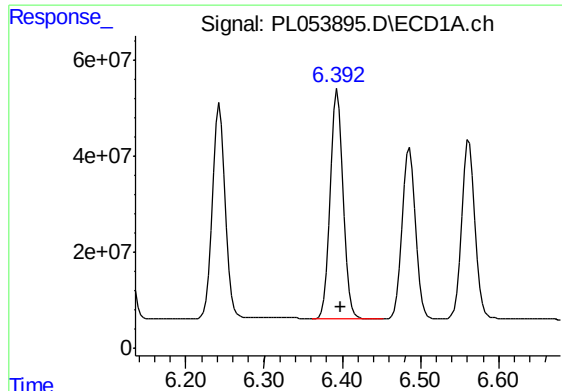
#14 Endrin

R.T.: 6.121 min  
Delta R.T.: -0.005 min  
Response: 579861379  
Conc: 50.03 ng/ml



#14 Endrin

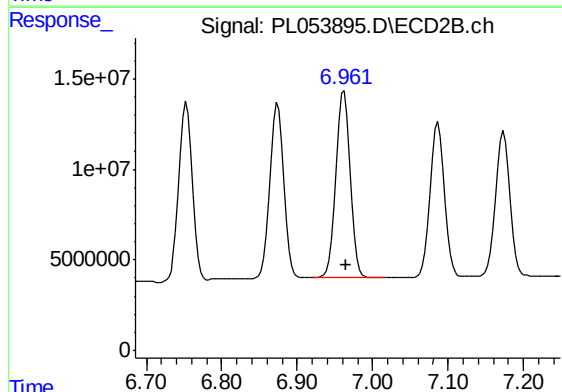
R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 122071987  
Conc: 50.29 ng/ml



#15 Endosulfan II

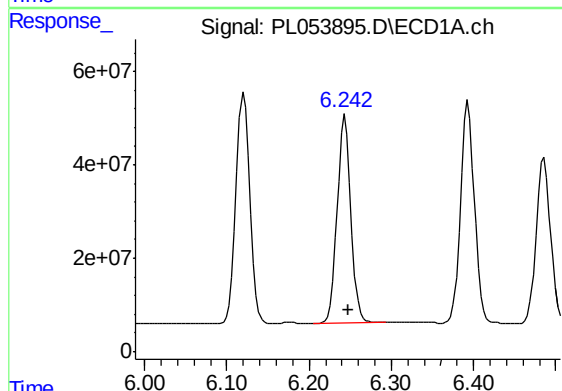
R.T.: 6.394 min  
Delta R.T.: -0.005 min  
Response: 558924554  
Conc: 49.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



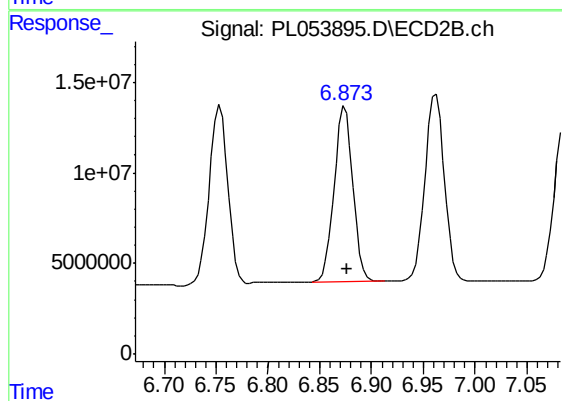
#15 Endosulfan II

R.T.: 6.962 min  
Delta R.T.: -0.003 min  
Response: 134359074  
Conc: 52.60 ng/ml



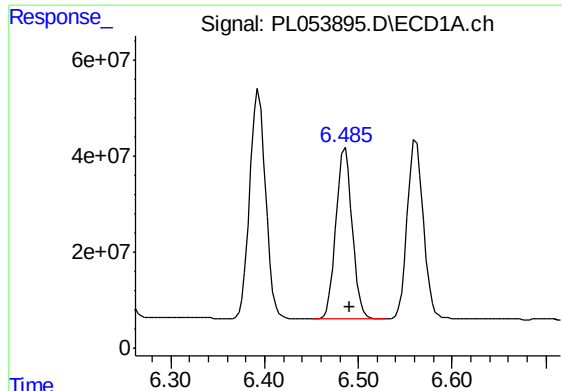
#16 4,4'-DDD

R.T.: 6.244 min  
Delta R.T.: -0.005 min  
Response: 513245197  
Conc: 57.67 ng/ml



#16 4,4'-DDD

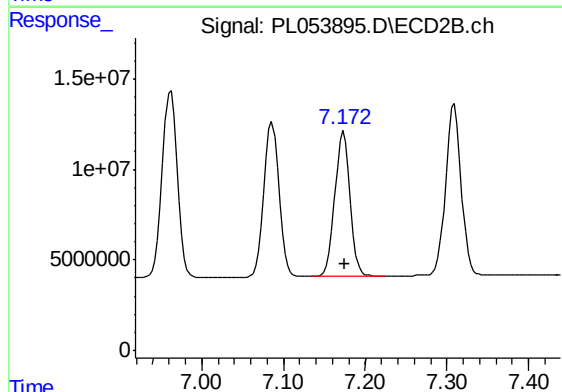
R.T.: 6.874 min  
Delta R.T.: -0.002 min  
Response: 122098952  
Conc: 58.59 ng/ml



#17 4,4'-DDT

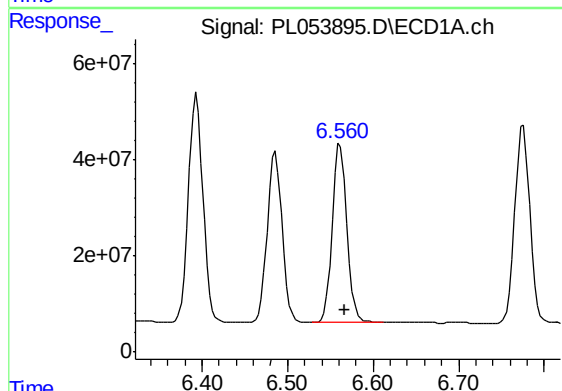
R.T.: 6.486 min  
Delta R.T.: -0.005 min  
Response: 434765504  
Conc: 43.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



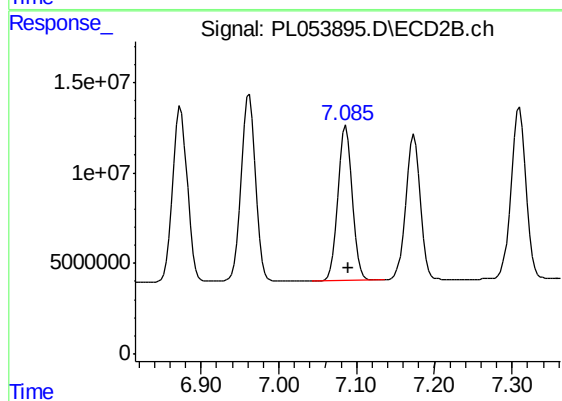
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 104083599  
Conc: 45.01 ng/ml



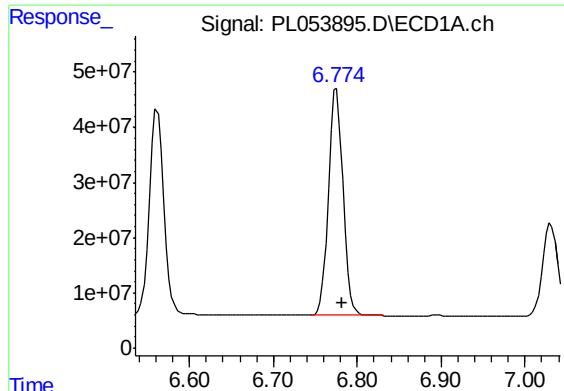
#18 Endrin aldehyde

R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 444434577  
Conc: 48.47 ng/ml



#18 Endrin aldehyde

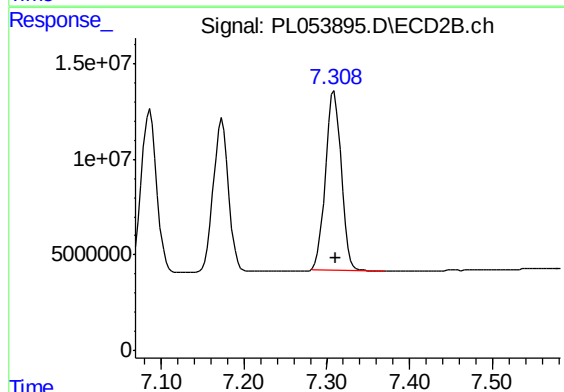
R.T.: 7.086 min  
Delta R.T.: -0.003 min  
Response: 111504758  
Conc: 50.76 ng/ml



#19 Endosulfan Sulfate

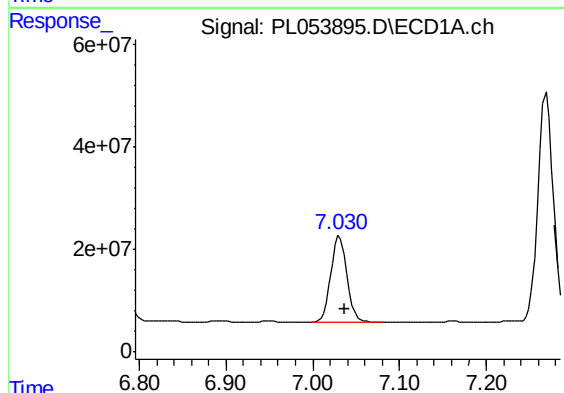
R.T.: 6.775 min  
Delta R.T.: -0.006 min  
Response: 501260639  
Conc: 49.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



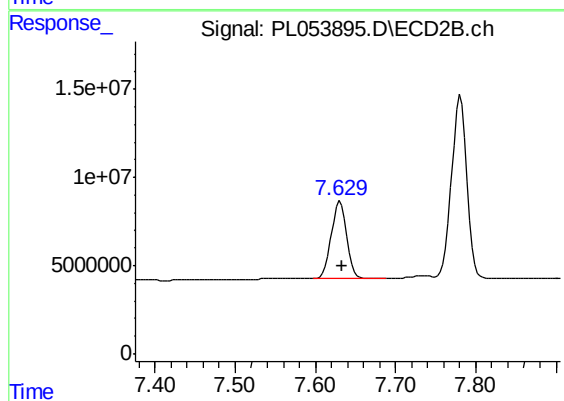
#19 Endosulfan Sulfate

R.T.: 7.309 min  
Delta R.T.: -0.003 min  
Response: 122834391  
Conc: 50.06 ng/ml



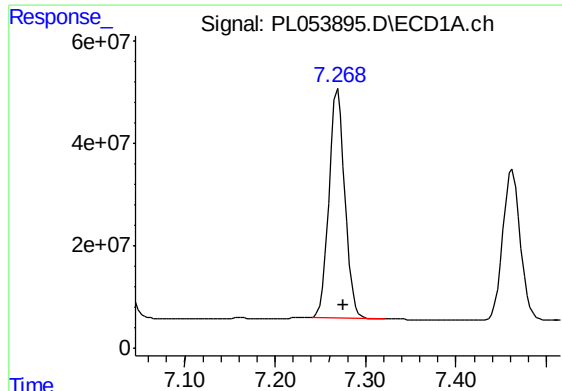
#20 Methoxychlor

R.T.: 7.031 min  
Delta R.T.: -0.006 min  
Response: 218213120  
Conc: 44.26 ng/ml



#20 Methoxychlor

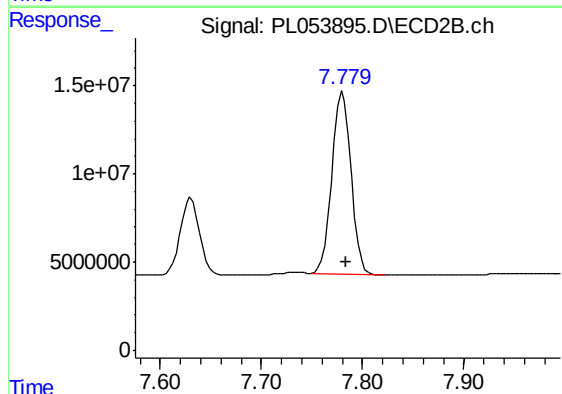
R.T.: 7.631 min  
Delta R.T.: -0.003 min  
Response: 58120334  
Conc: 44.75 ng/ml



#21 Endrin ketone

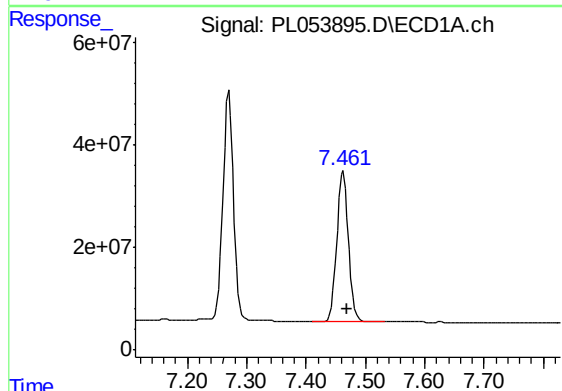
R.T.: 7.270 min  
Delta R.T.: -0.006 min  
Response: 545538378  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



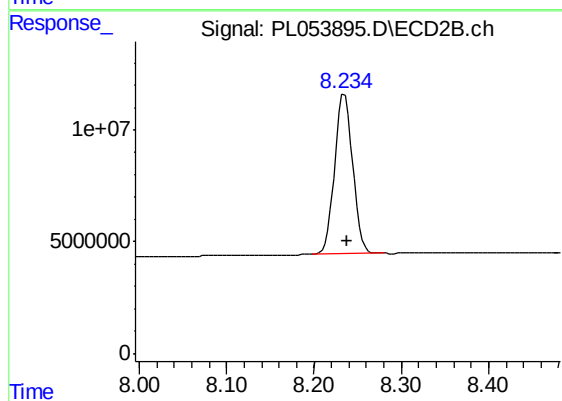
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.003 min  
Response: 134658752  
Conc: 52.22 ng/ml



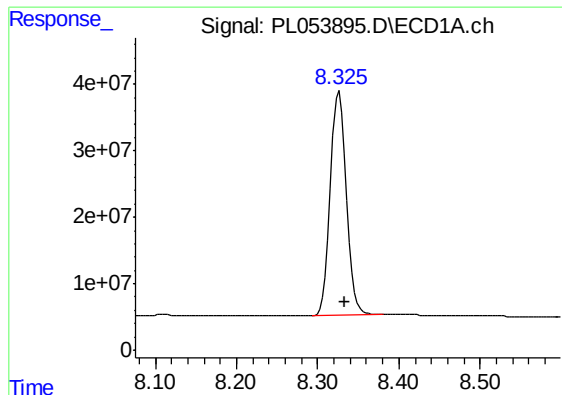
#22 Mirex

R.T.: 7.462 min  
Delta R.T.: -0.007 min  
Response: 401656747  
Conc: 46.96 ng/ml



#22 Mirex

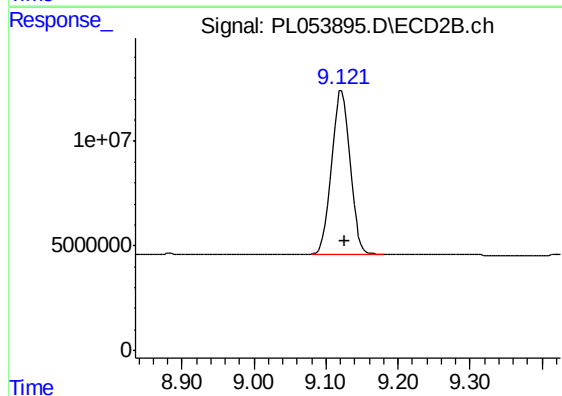
R.T.: 8.235 min  
Delta R.T.: -0.003 min  
Response: 103315605  
Conc: 51.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.326 min  
Delta R.T.: -0.008 min  
Response: 462386427  
Conc: 47.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.122 min  
Delta R.T.: -0.004 min  
Response: 139741123  
Conc: 49.62 ng/ml