

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121919\  
 Data File : PL055120.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2019 14:21  
 Operator : SG\AJ  
 Sample : PB125578BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB125578BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 03:56:33 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Dec 18 14:58:42 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... | 3.538 | 4.048 | 171.2E6 | 46270750 | 14.718 | 18.133   |
| 2)                          | SA Decachlor... | 8.314 | 9.146 | 154.4E6 | 39744658 | 16.126 | 16.578   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.980 | 4.440 | 825.3E6 | 191.5E6  | 43.473 | 54.061   |
| 3)                          | MA gamma-BHC... | 4.267 | 4.725 | 763.4E6 | 174.7E6  | 44.785 | 53.572   |
| 4)                          | MA Heptachlor   | 4.572 | 5.234 | 762.0E6 | 154.4E6  | 43.213 | 51.168   |
| 5)                          | MB Aldrin       | 4.823 | 5.540 | 742.0E6 | 148.2E6  | 45.521 | 53.174   |
| 6)                          | B beta-BHC      | 4.517 | 4.896 | 323.0E6 | 77547542 | 43.555 | 55.068 # |
| 7)                          | B delta-BHC     | 4.725 | 5.114 | 707.6E6 | 154.4E6  | 43.531 | 57.910 # |
| 8)                          | B Heptachlo...  | 5.268 | 5.927 | 694.0E6 | 135.2E6  | 45.882 | 54.106   |
| 9)                          | A Endosulfan I  | 5.610 | 6.284 | 628.9E6 | 125.7E6  | 46.121 | 50.813   |
| 10)                         | B gamma-Chl...  | 5.496 | 6.162 | 702.7E6 | 136.0E6  | 46.341 | 51.618   |
| 11)                         | B alpha-Chl...  | 5.555 | 6.234 | 667.8E6 | 133.6E6  | 45.284 | 50.886   |
| 12)                         | B 4,4'-DDE      | 5.718 | 6.391 | 626.1E6 | 126.3E6  | 47.055 | 51.023   |
| 13)                         | MA Dieldrin     | 5.854 | 6.542 | 668.9E6 | 130.8E6  | 47.169 | 51.381   |
| 14)                         | MA Endrin       | 6.112 | 6.760 | 525.0E6 | 92443958 | 41.233 | 41.728   |
| 15)                         | B Endosulfa...  | 6.385 | 6.971 | 545.3E6 | 115.5E6  | 45.064 | 49.137   |
| 16)                         | A 4,4'-DDD      | 6.235 | 6.882 | 494.3E6 | 103.7E6  | 50.603 | 54.003   |
| 17)                         | MA 4,4'-DDT     | 6.476 | 7.181 | 426.9E6 | 87239662 | 40.750 | 44.031   |
| 18)                         | B Endrin al...  | 6.554 | 7.095 | 457.1E6 | 99215977 | 46.160 | 50.615   |
| 19)                         | B Endosulfa...  | 6.767 | 7.319 | 484.4E6 | 105.3E6  | 45.237 | 49.649   |
| 20)                         | A Methoxychlor  | 7.022 | 7.642 | 211.7E6 | 45639362 | 42.247 | 40.010   |
| 21)                         | B Endrin ke...  | 7.260 | 7.793 | 557.7E6 | 120.3E6  | 51.311 | 53.436   |
| 22)                         | Mirex           | 7.452 | 8.249 | 389.6E6 | 88939174 | 47.992 | 51.460   |
| -----                       |                 |       |       |         |          |        |          |

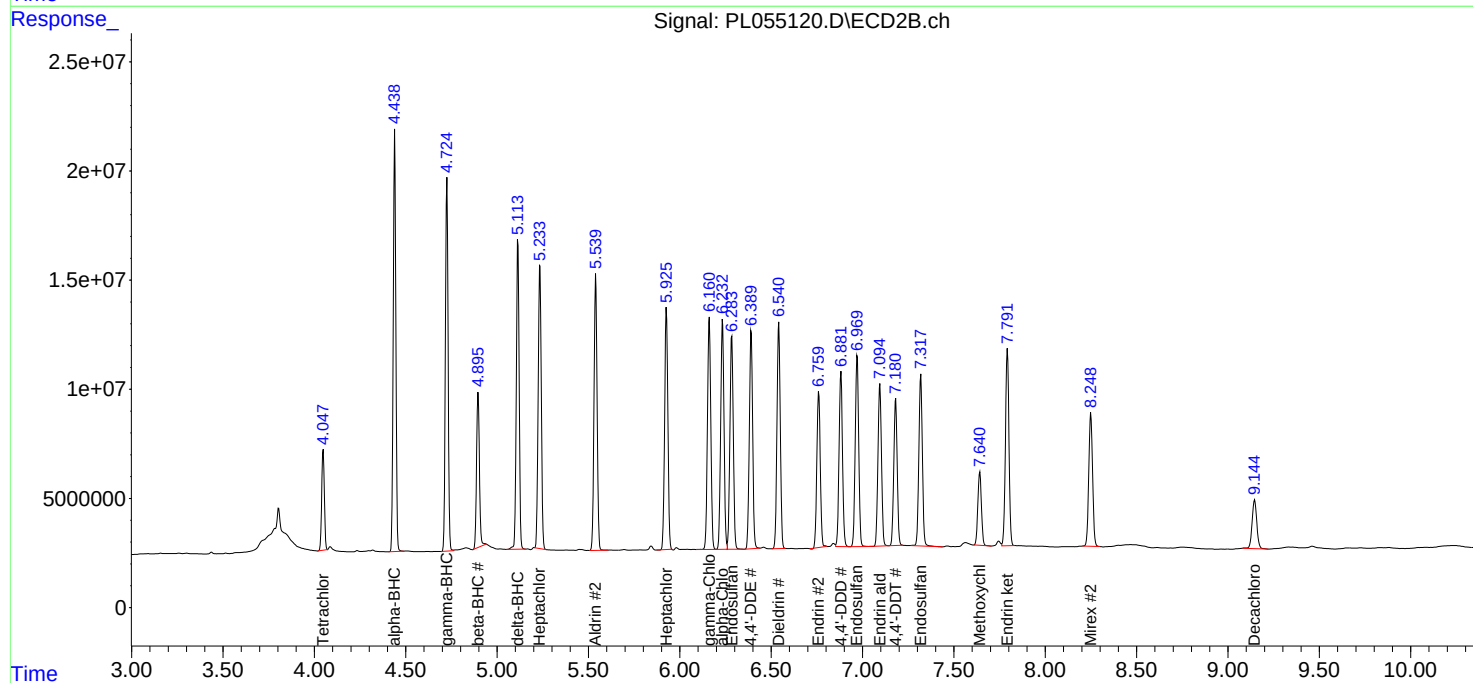
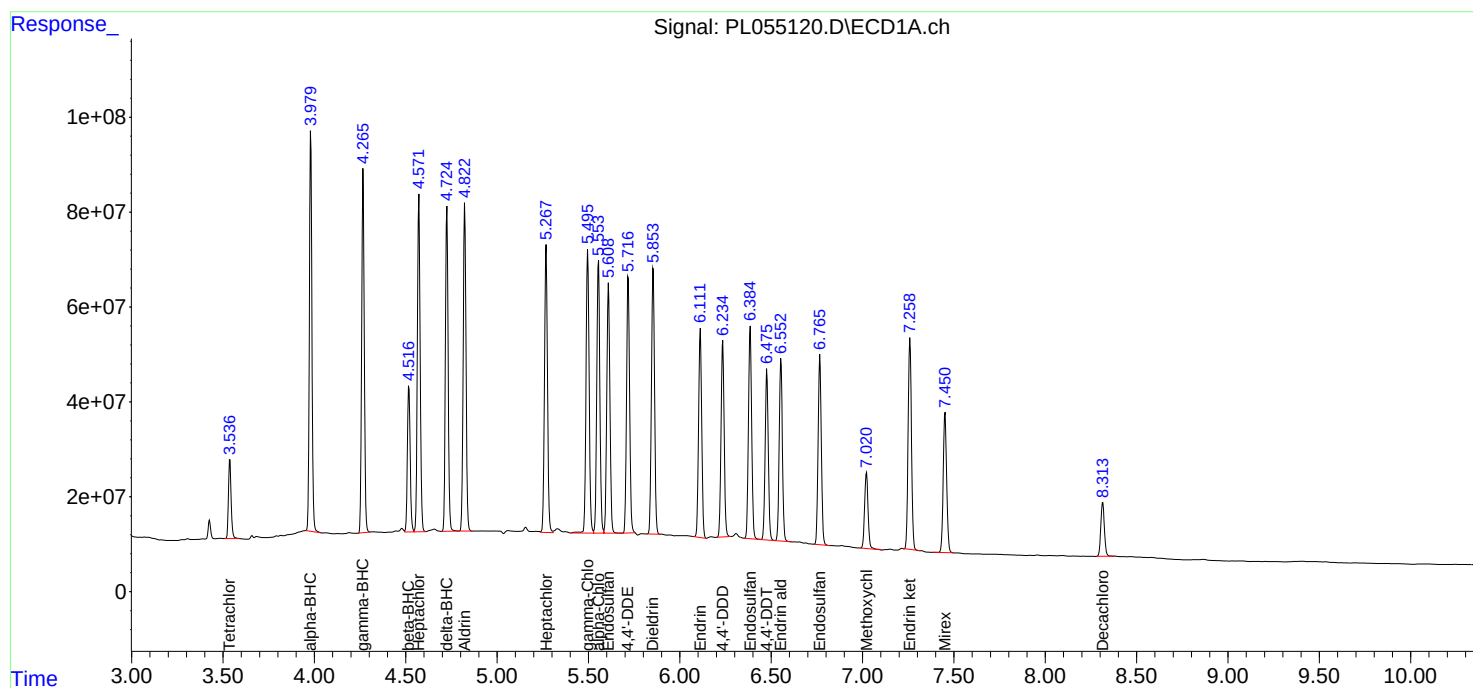
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

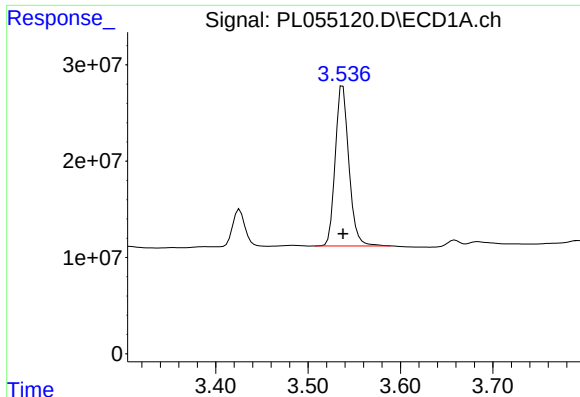
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121919\  
Data File : PL055120.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2019 14:21  
Operator : SG\AJ  
Sample : PB125578BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 03:56:33 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Dec 18 14:58:42 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

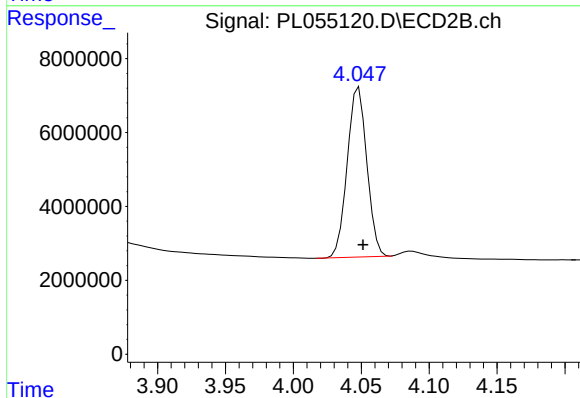




#1 Tetrachloro-m-xylene

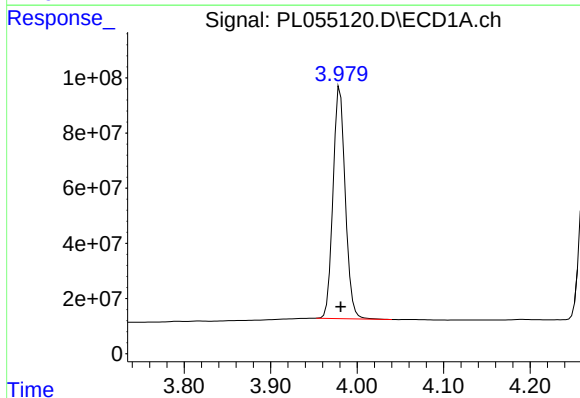
R.T.: 3.538 min  
Delta R.T.: 0.000 min  
Response: 171226999  
Conc: 14.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



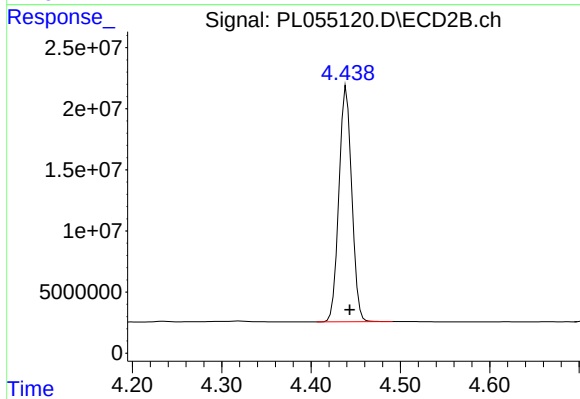
#1 Tetrachloro-m-xylene

R.T.: 4.048 min  
Delta R.T.: -0.003 min  
Response: 46270750  
Conc: 18.13 ng/ml



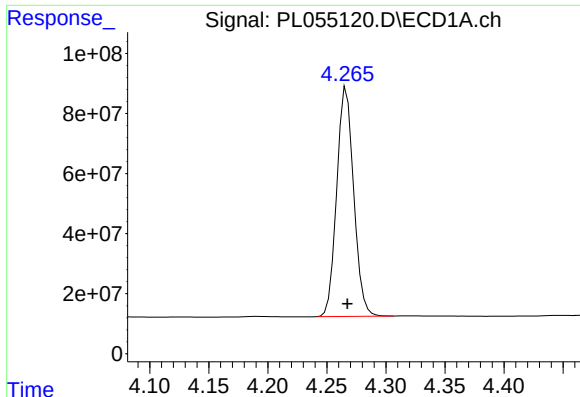
#2 alpha-BHC

R.T.: 3.980 min  
Delta R.T.: 0.000 min  
Response: 825293508  
Conc: 43.47 ng/ml



#2 alpha-BHC

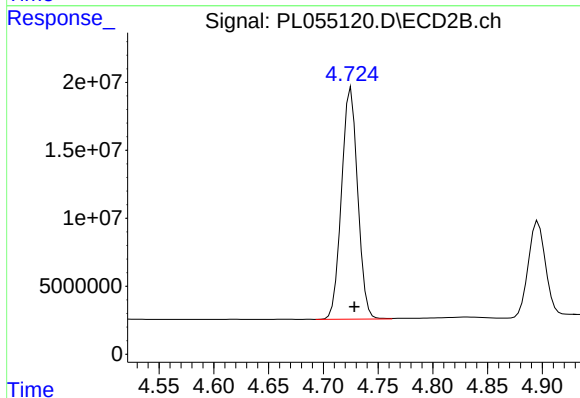
R.T.: 4.440 min  
Delta R.T.: -0.004 min  
Response: 191525234  
Conc: 54.06 ng/ml



#3 gamma-BHC (Lindane)

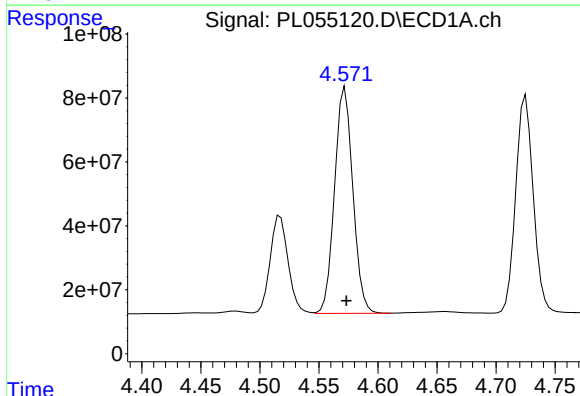
R.T.: 4.267 min  
Delta R.T.: 0.000 min  
Response: 763393836  
Conc: 44.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



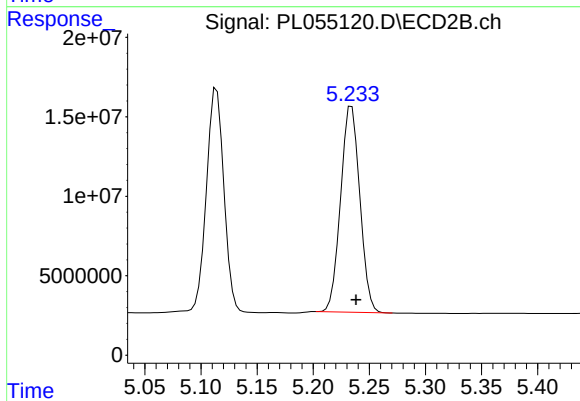
#3 gamma-BHC (Lindane)

R.T.: 4.725 min  
Delta R.T.: -0.003 min  
Response: 174672647  
Conc: 53.57 ng/ml



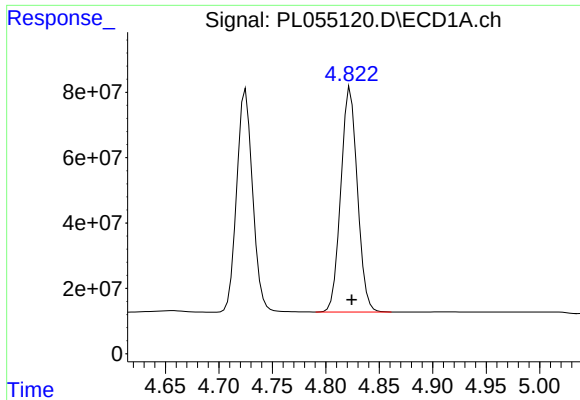
#4 Heptachlor

R.T.: 4.572 min  
Delta R.T.: -0.001 min  
Response: 761996918  
Conc: 43.21 ng/ml



#4 Heptachlor

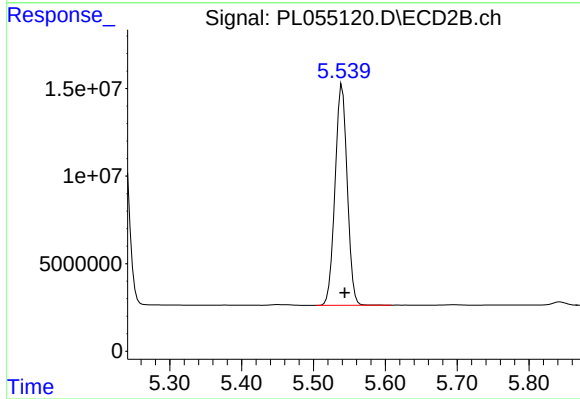
R.T.: 5.234 min  
Delta R.T.: -0.004 min  
Response: 154422831  
Conc: 51.17 ng/ml



#5 Aldrin

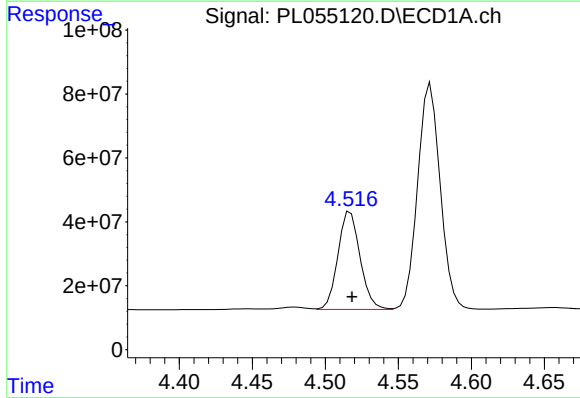
R.T.: 4.823 min  
Delta R.T.: -0.001 min  
Response: 741987975  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



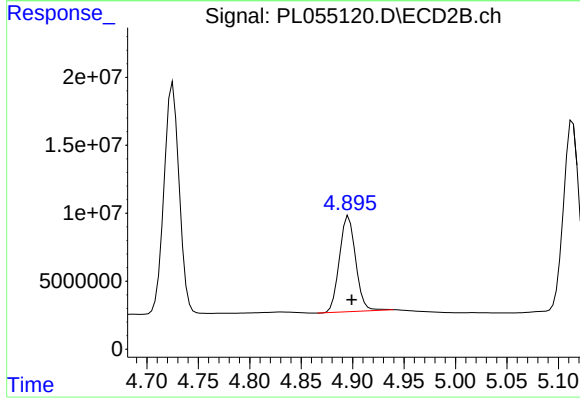
#5 Aldrin

R.T.: 5.540 min  
Delta R.T.: -0.004 min  
Response: 148167821  
Conc: 53.17 ng/ml



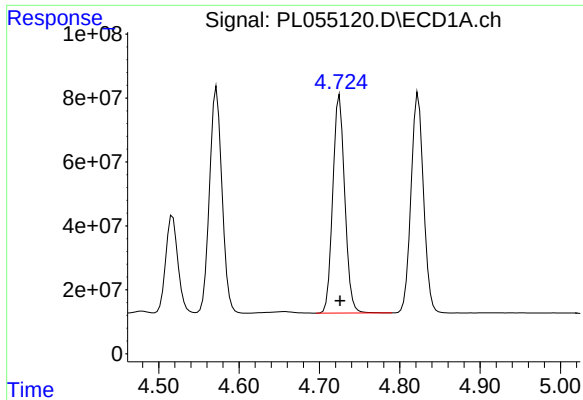
#6 beta-BHC

R.T.: 4.517 min  
Delta R.T.: 0.000 min  
Response: 323043561  
Conc: 43.56 ng/ml



#6 beta-BHC

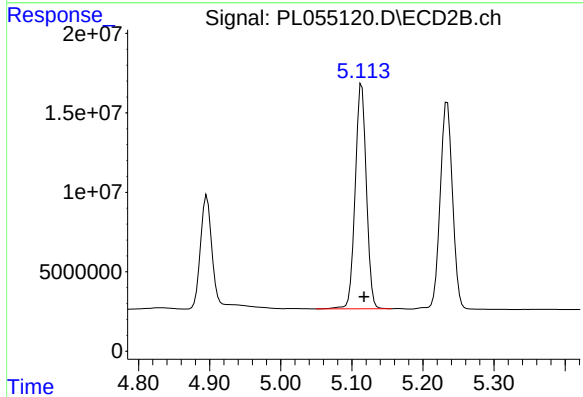
R.T.: 4.896 min  
Delta R.T.: -0.003 min  
Response: 77547542  
Conc: 55.07 ng/ml



#7 delta-BHC

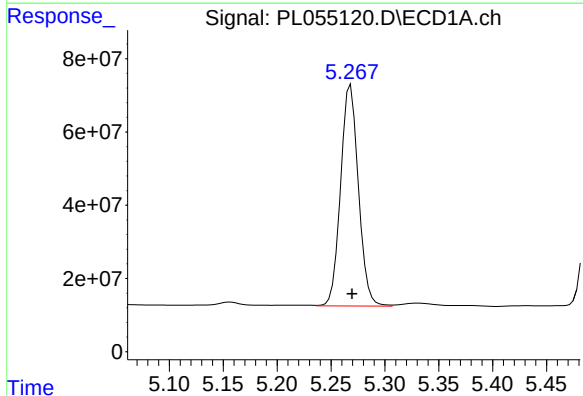
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 707602592  
Conc: 43.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



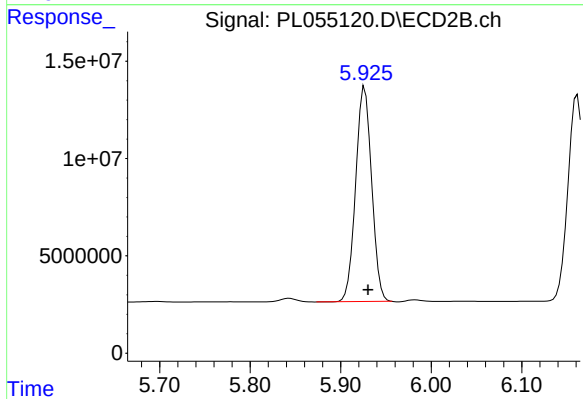
#7 delta-BHC

R.T.: 5.114 min  
Delta R.T.: -0.003 min  
Response: 154399084  
Conc: 57.91 ng/ml



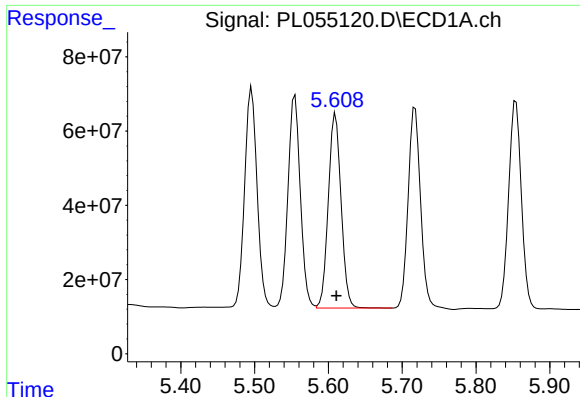
#8 Heptachlor epoxide

R.T.: 5.268 min  
Delta R.T.: -0.001 min  
Response: 694014646  
Conc: 45.88 ng/ml



#8 Heptachlor epoxide

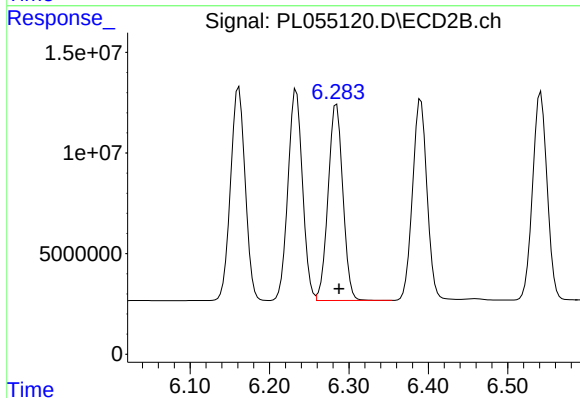
R.T.: 5.927 min  
Delta R.T.: -0.004 min  
Response: 135168298  
Conc: 54.11 ng/ml



#9 Endosulfan I

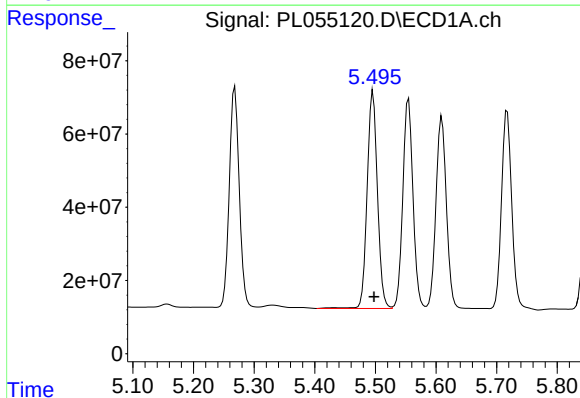
R.T.: 5.610 min  
Delta R.T.: -0.001 min  
Response: 628937250  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



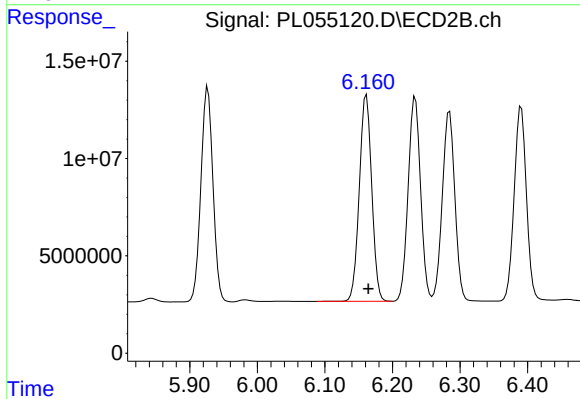
#9 Endosulfan I

R.T.: 6.284 min  
Delta R.T.: -0.003 min  
Response: 125687764  
Conc: 50.81 ng/ml



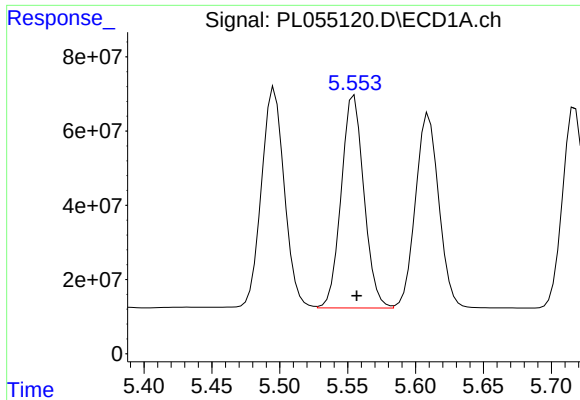
#10 gamma-Chlordane

R.T.: 5.496 min  
Delta R.T.: -0.002 min  
Response: 702719828  
Conc: 46.34 ng/ml



#10 gamma-Chlordane

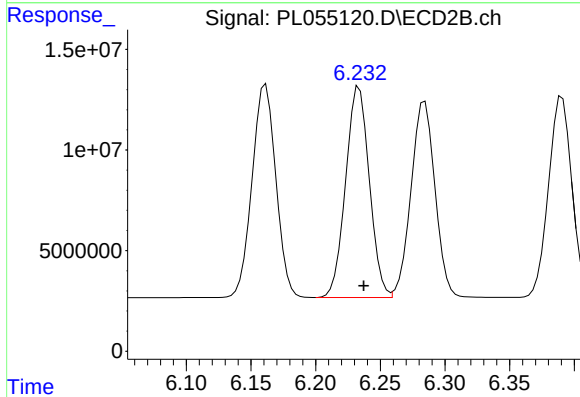
R.T.: 6.162 min  
Delta R.T.: -0.003 min  
Response: 135980573  
Conc: 51.62 ng/ml



#11 alpha-Chlordane

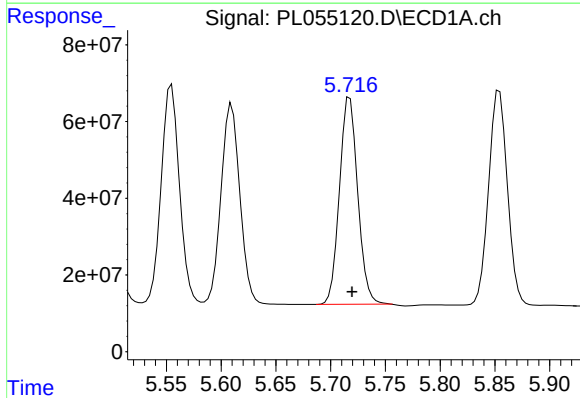
R.T.: 5.555 min  
Delta R.T.: -0.002 min  
Response: 667756029  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



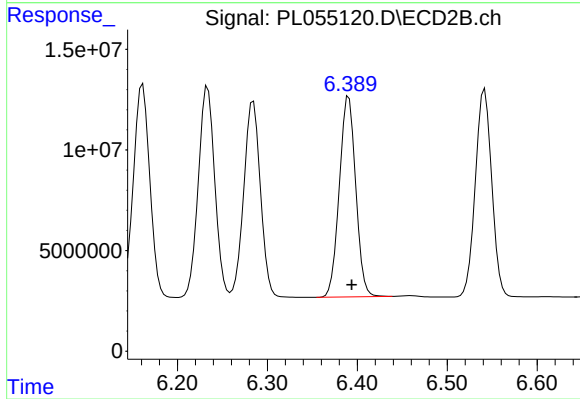
#11 alpha-Chlordane

R.T.: 6.234 min  
Delta R.T.: -0.003 min  
Response: 133608849  
Conc: 50.89 ng/ml



#12 4,4'-DDE

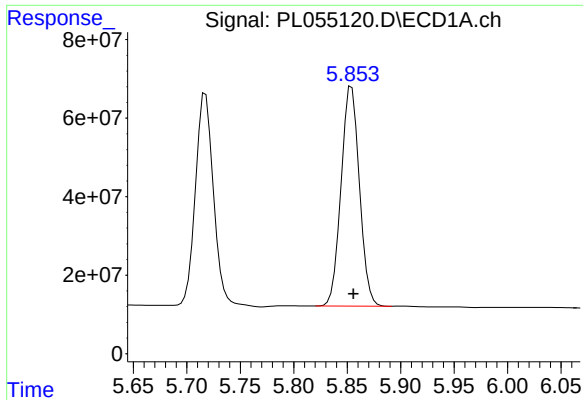
R.T.: 5.718 min  
Delta R.T.: -0.002 min  
Response: 626062381  
Conc: 47.06 ng/ml



#12 4,4'-DDE

R.T.: 6.391 min  
Delta R.T.: -0.003 min  
Response: 126301848  
Conc: 51.02 ng/ml

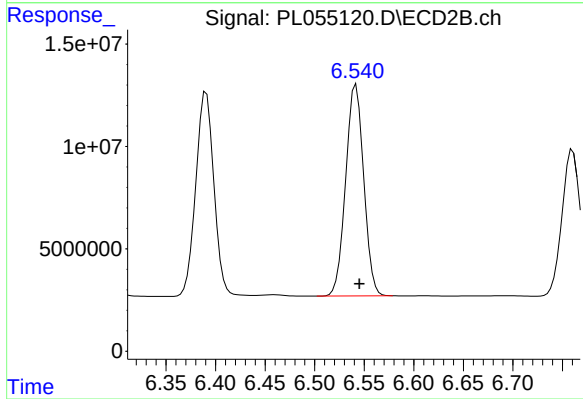




#13 Dieldrin

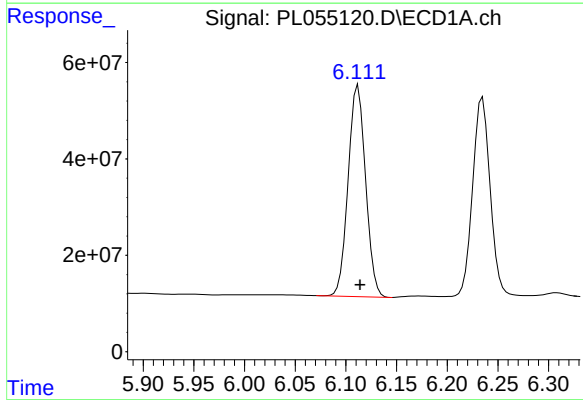
R.T.: 5.854 min  
Delta R.T.: -0.002 min  
Response: 668895030  
Conc: 47.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



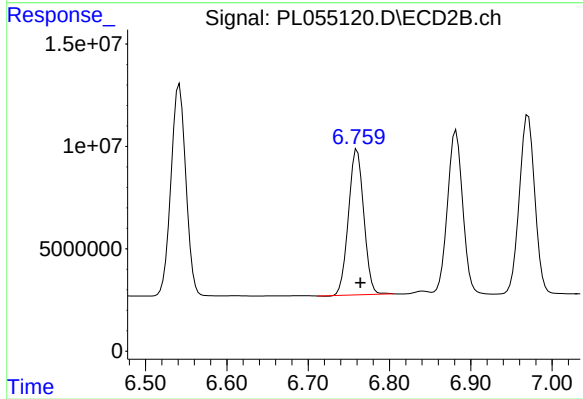
#13 Dieldrin

R.T.: 6.542 min  
Delta R.T.: -0.003 min  
Response: 130781249  
Conc: 51.38 ng/ml



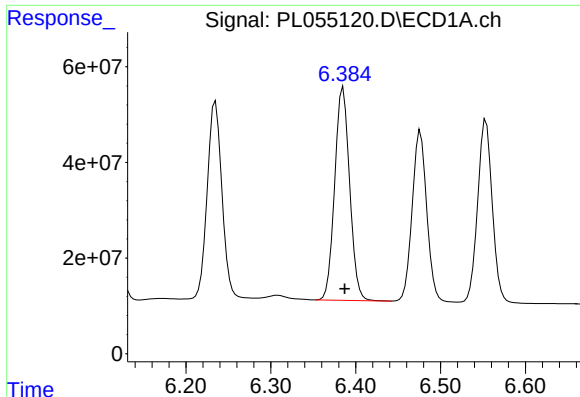
#14 Endrin

R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 525044381  
Conc: 41.23 ng/ml



#14 Endrin

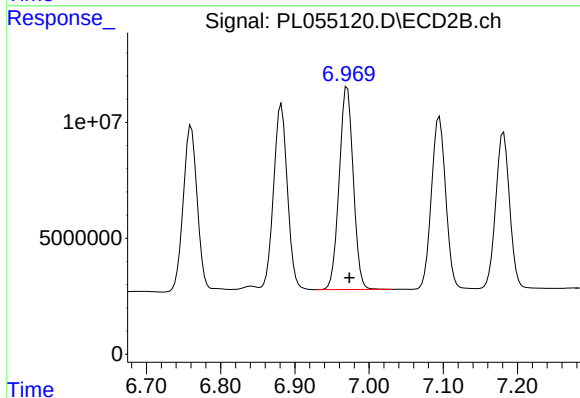
R.T.: 6.760 min  
Delta R.T.: -0.004 min  
Response: 92443958  
Conc: 41.73 ng/ml



#15 Endosulfan II

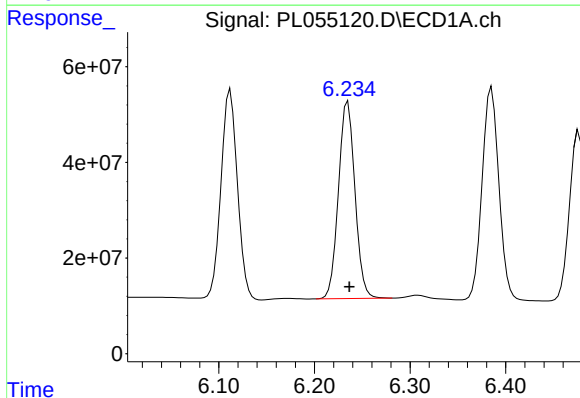
R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 545276858  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



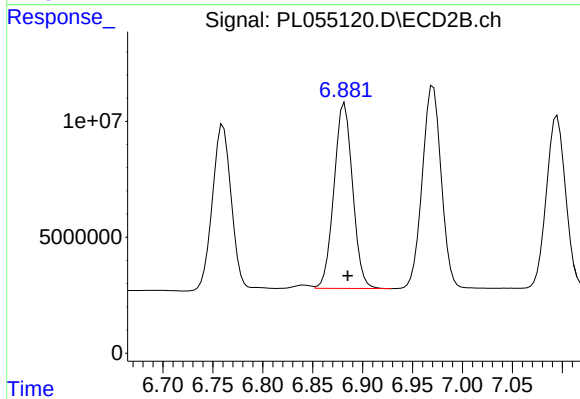
#15 Endosulfan II

R.T.: 6.971 min  
Delta R.T.: -0.003 min  
Response: 115519589  
Conc: 49.14 ng/ml



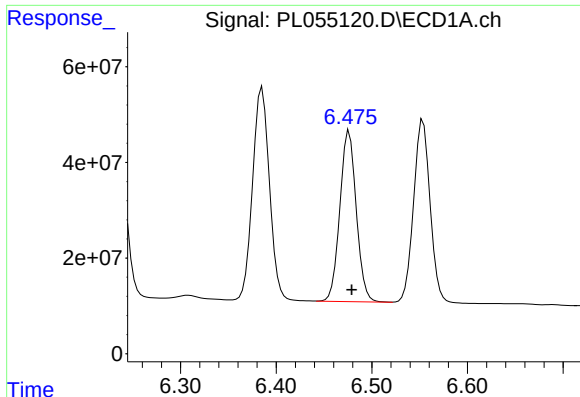
#16 4,4'-DDD

R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 494259597  
Conc: 50.60 ng/ml



#16 4,4'-DDD

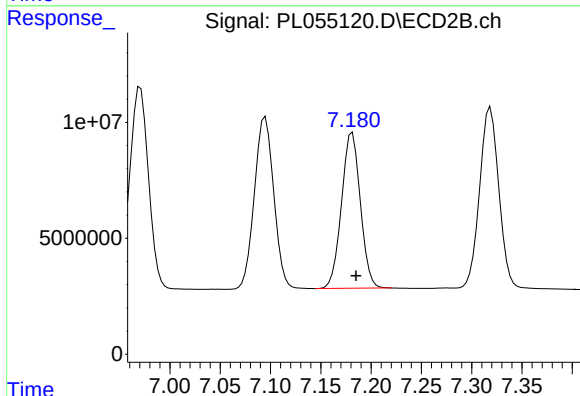
R.T.: 6.882 min  
Delta R.T.: -0.003 min  
Response: 103689455  
Conc: 54.00 ng/ml



#17 4,4'-DDT

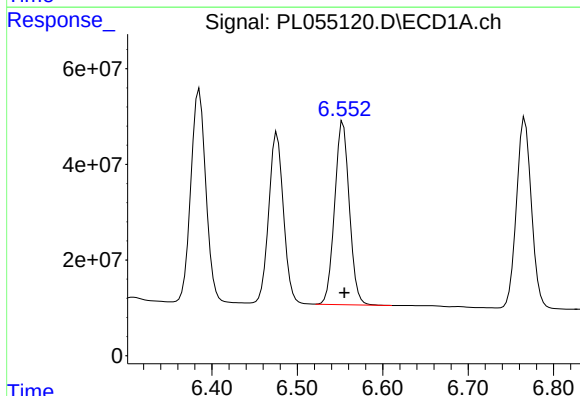
R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 426907247  
Conc: 40.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



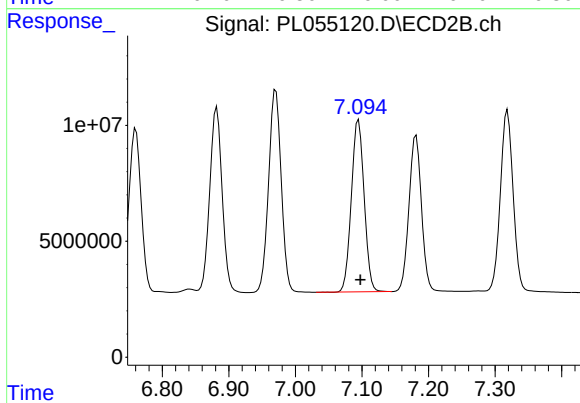
#17 4,4'-DDT

R.T.: 7.181 min  
Delta R.T.: -0.004 min  
Response: 87239662  
Conc: 44.03 ng/ml



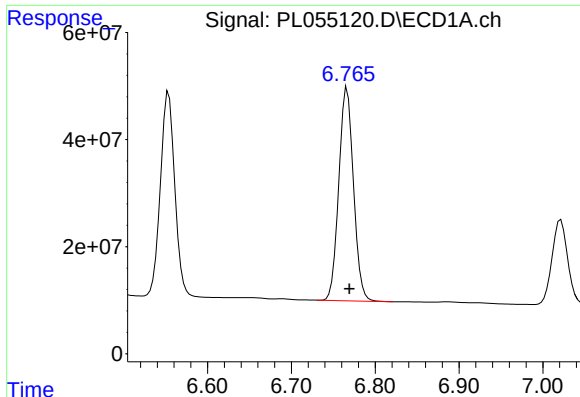
#18 Endrin aldehyde

R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 457113905  
Conc: 46.16 ng/ml



#18 Endrin aldehyde

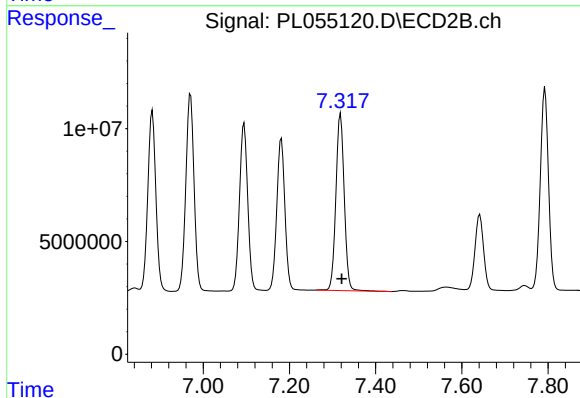
R.T.: 7.095 min  
Delta R.T.: -0.003 min  
Response: 99215977  
Conc: 50.62 ng/ml



#19 Endosulfan Sulfate

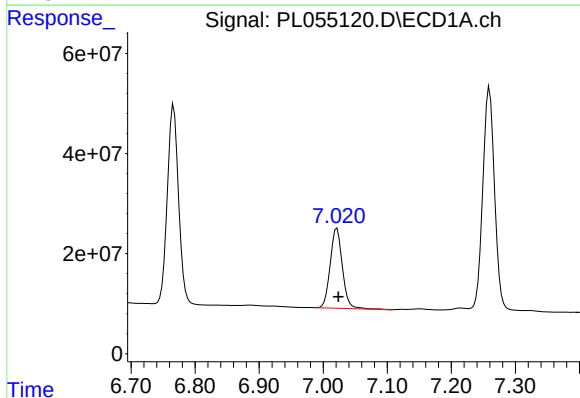
R.T.: 6.767 min  
Delta R.T.: -0.003 min  
Response: 484430355  
Conc: 45.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



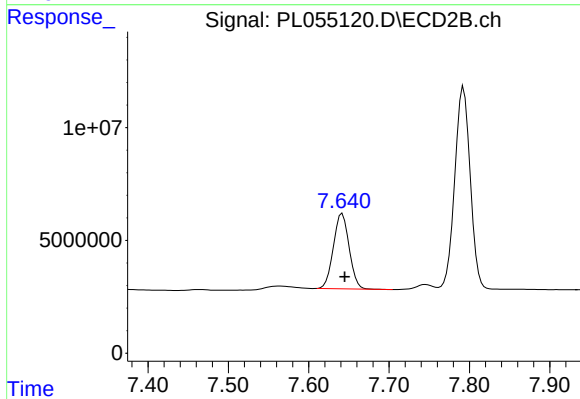
#19 Endosulfan Sulfate

R.T.: 7.319 min  
Delta R.T.: -0.003 min  
Response: 105281023  
Conc: 49.65 ng/ml



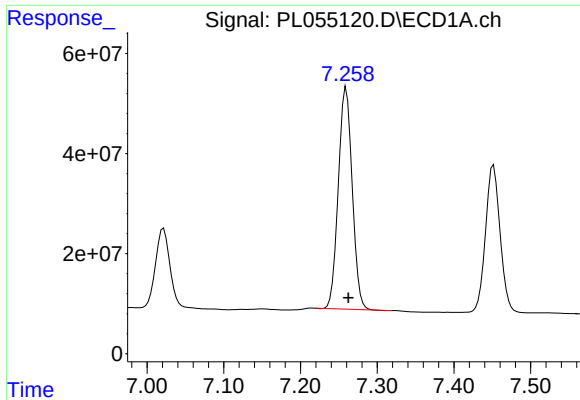
#20 Methoxychlor

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 211730372  
Conc: 42.25 ng/ml



#20 Methoxychlor

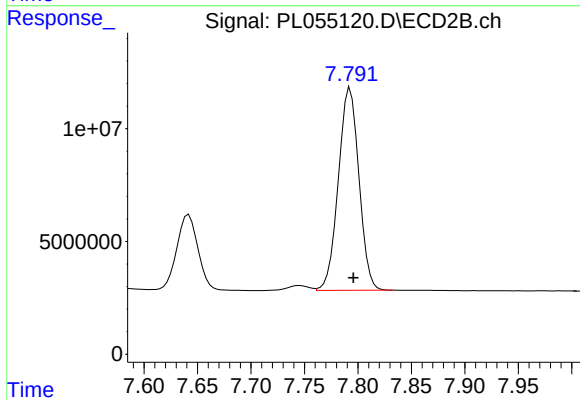
R.T.: 7.642 min  
Delta R.T.: -0.003 min  
Response: 45639362  
Conc: 40.01 ng/ml



#21 Endrin ketone

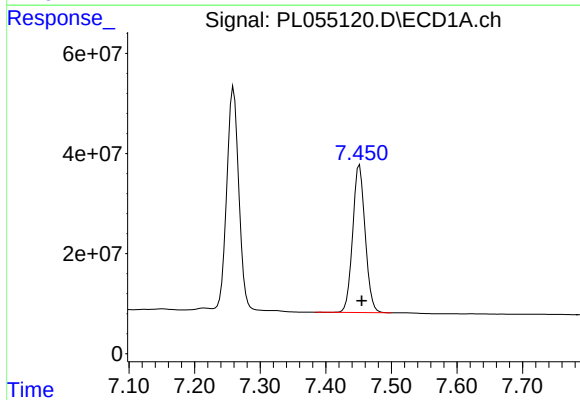
R.T.: 7.260 min  
Delta R.T.: -0.003 min  
Response: 557699987  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



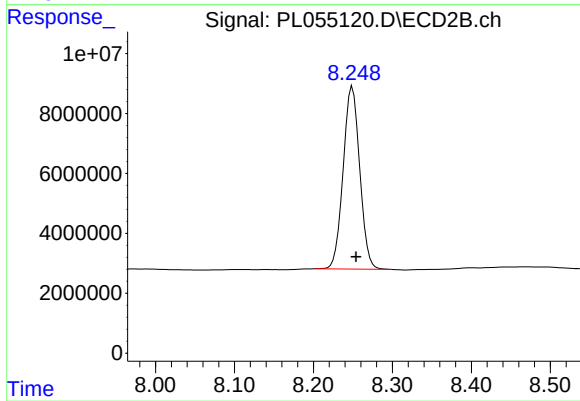
#21 Endrin ketone

R.T.: 7.793 min  
Delta R.T.: -0.003 min  
Response: 120279752  
Conc: 53.44 ng/ml



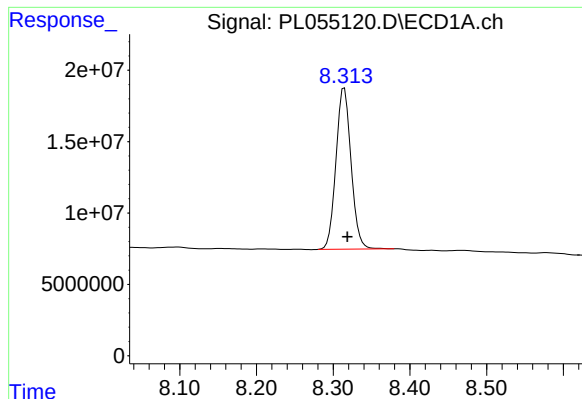
#22 Mirex

R.T.: 7.452 min  
Delta R.T.: -0.003 min  
Response: 389618733  
Conc: 47.99 ng/ml



#22 Mirex

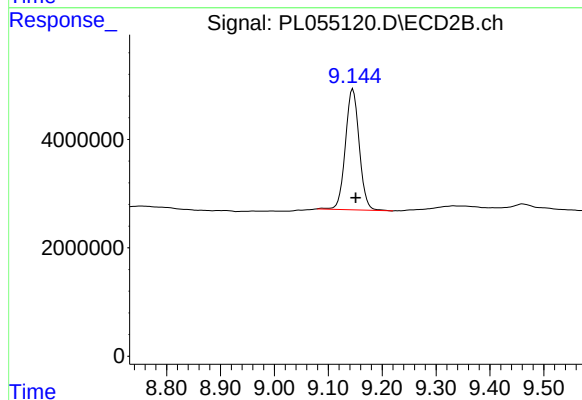
R.T.: 8.249 min  
Delta R.T.: -0.005 min  
Response: 88939174  
Conc: 51.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.314 min  
Delta R.T.: -0.004 min  
Response: 154425342  
Conc: 16.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB125578BS



#28 Decachlorobiphenyl

R.T.: 9.146 min  
Delta R.T.: -0.005 min  
Response: 39744658  
Conc: 16.58 ng/ml