

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071619\  
 Data File : PL050421.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2019 20:34  
 Operator : SM\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: Jul 17 01:13:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.318 | 3.931 | 545.8E6 | 160.7E6  | 48.399 | 52.477   |
| 28)                         | SA Decachlor... | 7.980 | 8.961 | 574.4E6 | 167.0E6  | 45.208 | 49.745   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.746 | 4.319 | 909.4E6 | 234.2E6  | 48.403 | 52.308   |
| 3)                          | MA gamma-BHC... | 4.022 | 4.602 | 849.5E6 | 218.4E6  | 47.911 | 52.652   |
| 4)                          | MA Heptachlor   | 4.305 | 5.103 | 864.5E6 | 222.5E6  | 47.558 | 51.409   |
| 5)                          | MB Aldrin       | 4.543 | 5.405 | 840.3E6 | 209.3E6  | 48.663 | 53.435   |
| 6)                          | B beta-BHC      | 4.276 | 4.778 | 354.8E6 | 99890133 | 48.502 | 51.568   |
| 7)                          | B delta-BHC     | 4.469 | 4.991 | 875.0E6 | 214.8E6  | 48.927 | 54.527   |
| 8)                          | B Heptachlor... | 4.979 | 5.792 | 767.3E6 | 197.5E6  | 47.665 | 54.321   |
| 9)                          | A Endosulfan I  | 5.309 | 6.147 | 745.0E6 | 179.8E6  | 48.148 | 52.916   |
| 10)                         | B gamma-Chl...  | 5.201 | 6.026 | 828.0E6 | 200.1E6  | 48.452 | 53.689   |
| 11)                         | B alpha-Chl...  | 5.257 | 6.097 | 801.0E6 | 195.3E6  | 48.256 | 52.794   |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.258 | 686.3E6 | 191.9E6  | 41.198 | 55.307 # |
| 13)                         | MA Dieldrin     | 5.548 | 6.404 | 802.9E6 | 188.3E6  | 48.197 | 53.081   |
| 14)                         | MA Endrin       | 5.801 | 6.621 | 713.8E6 | 152.2E6  | 44.574 | 48.211   |
| 15)                         | B Endosulfa...  | 6.076 | 6.833 | 685.9E6 | 161.7E6  | 47.072 | 50.205   |
| 16)                         | A 4,4'-DDD      | 5.935 | 6.748 | 630.1E6 | 141.1E6  | 49.914 | 53.958   |
| 17)                         | MA 4,4'-DDT     | 6.169 | 7.045 | 584.9E6 | 133.9E6  | 44.060 | 45.718   |
| 18)                         | B Endrin al...  | 6.242 | 6.956 | 559.5E6 | 139.1E6  | 47.367 | 50.649   |
| 19)                         | B Endosulfa...  | 6.453 | 7.179 | 573.0E6 | 145.0E6  | 44.198 | 48.175   |
| 20)                         | A Methoxychlor  | 6.714 | 7.506 | 283.9E6 | 76296591 | 43.550 | 45.775   |
| 21)                         | B Endrin ke...  | 6.935 | 7.648 | 598.3E6 | 155.8E6  | 42.569 | 50.006   |
| 22)                         | Mirex           | 7.109 | 8.097 | 441.3E6 | 119.6E6  | 42.696 | 47.303   |
| -----                       |                 |       |       |         |          |        |          |

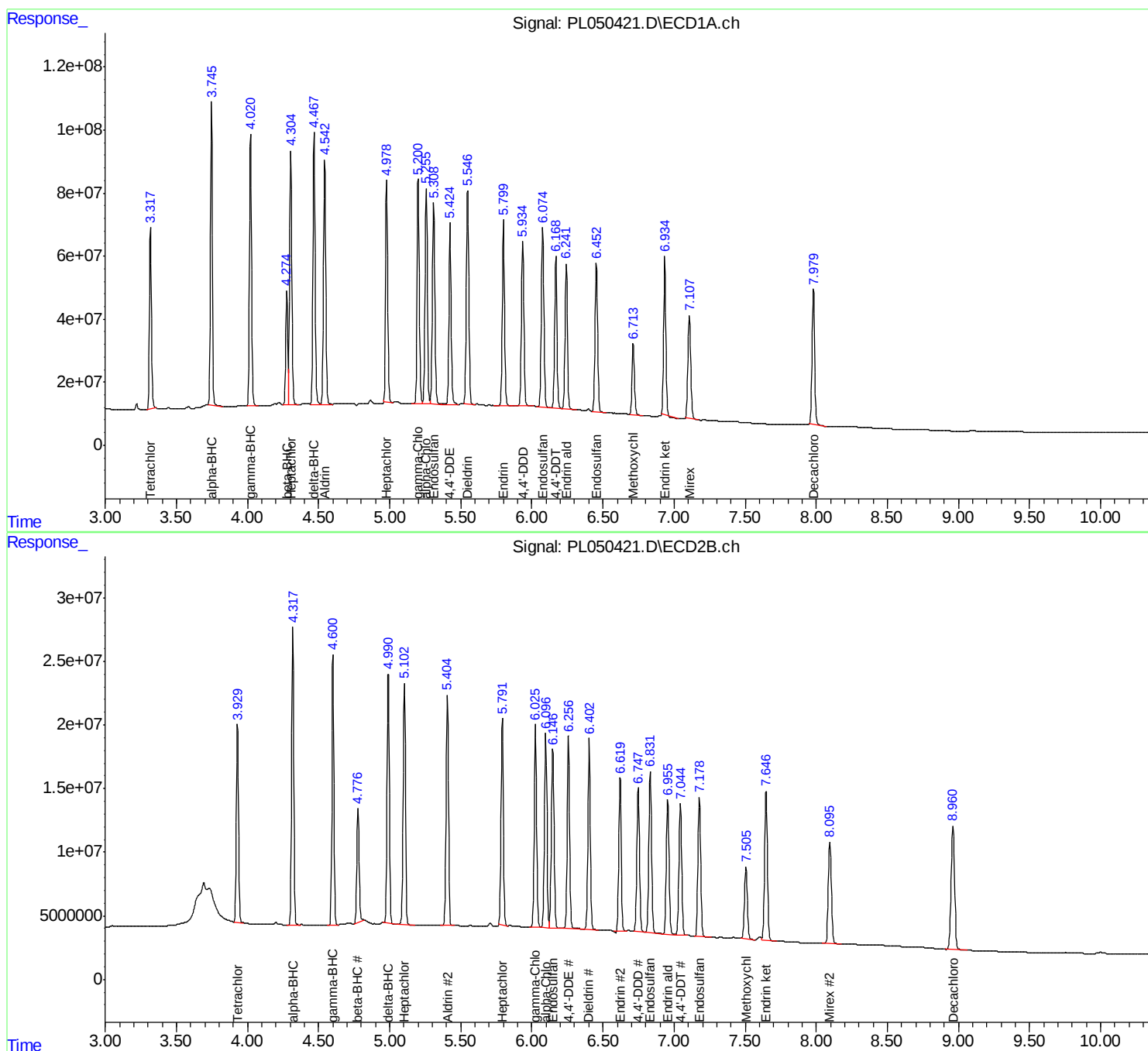
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

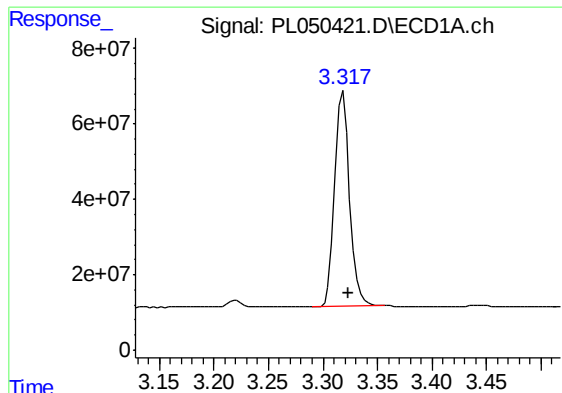
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071619\  
Data File : PL050421.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Jul 2019 20:34  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 01:13:07 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 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

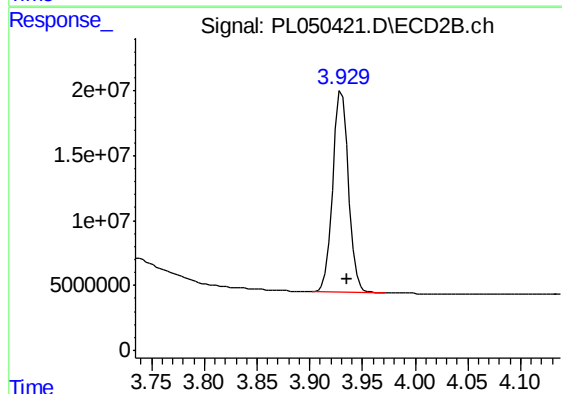




#1 Tetrachloro-m-xylene

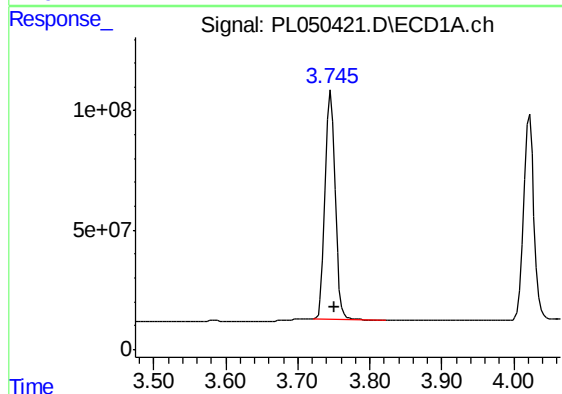
R.T.: 3.318 min  
Delta R.T.: -0.006 min  
Response: 545833625  
Conc: 48.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



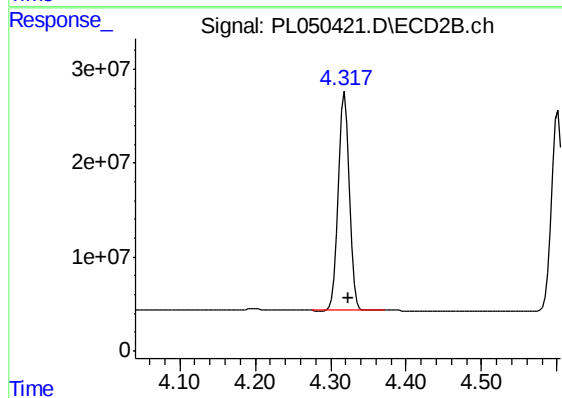
#1 Tetrachloro-m-xylene

R.T.: 3.931 min  
Delta R.T.: -0.005 min  
Response: 160672592  
Conc: 52.48 ng/ml



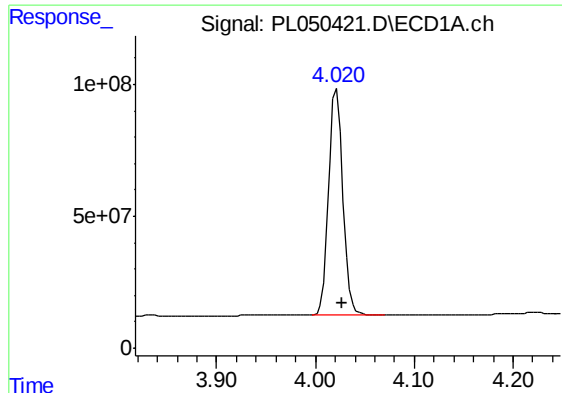
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: -0.006 min  
Response: 909369247  
Conc: 48.40 ng/ml



#2 alpha-BHC

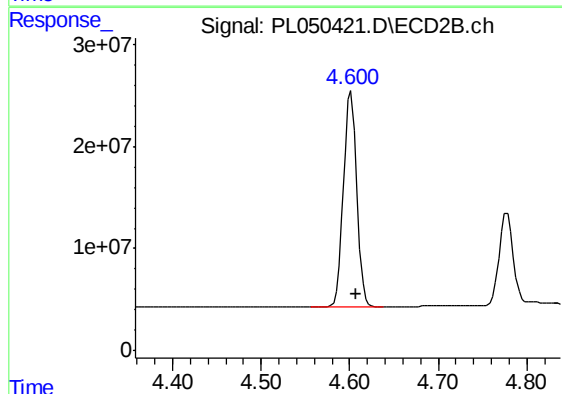
R.T.: 4.319 min  
Delta R.T.: -0.005 min  
Response: 234162411  
Conc: 52.31 ng/ml



#3 gamma-BHC (Lindane)

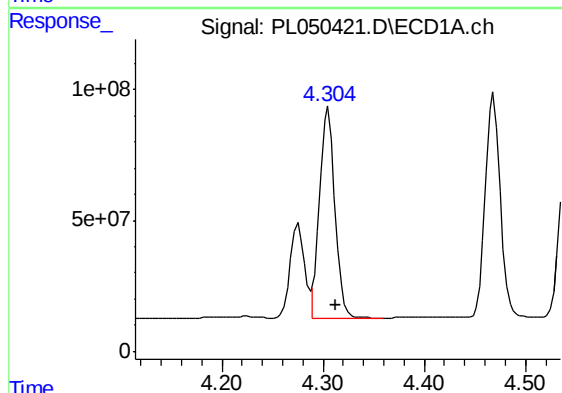
R.T.: 4.022 min  
Delta R.T.: -0.006 min  
Response: 849495655  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



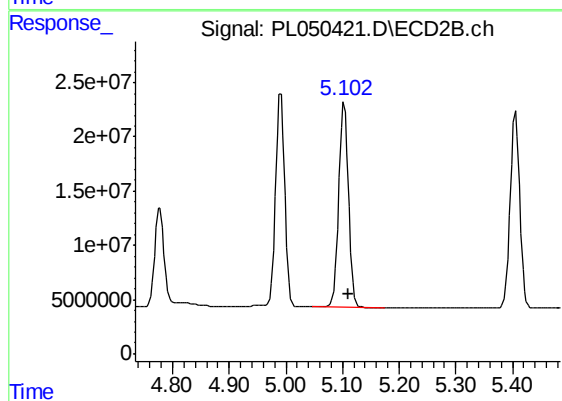
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: -0.006 min  
Response: 218392276  
Conc: 52.65 ng/ml



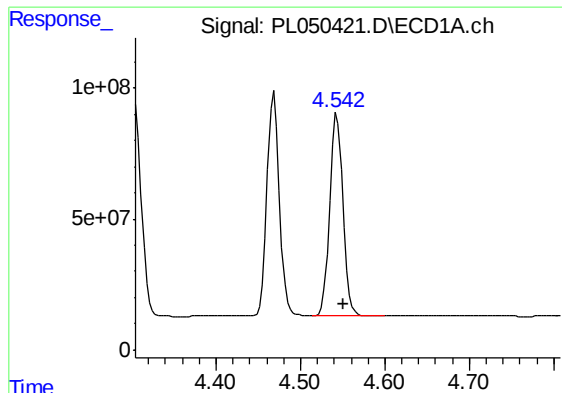
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: -0.007 min  
Response: 864466071  
Conc: 47.56 ng/ml



#4 Heptachlor

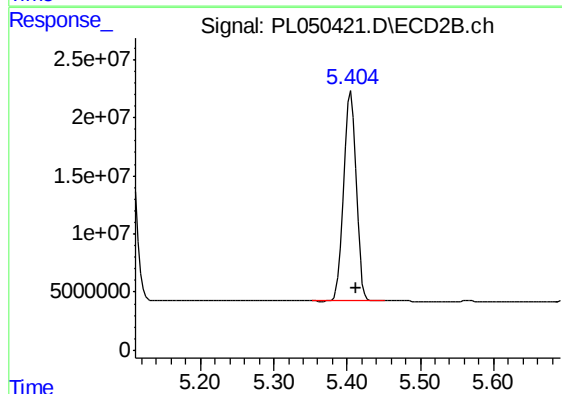
R.T.: 5.103 min  
Delta R.T.: -0.007 min  
Response: 222520669  
Conc: 51.41 ng/ml



#5 Aldrin

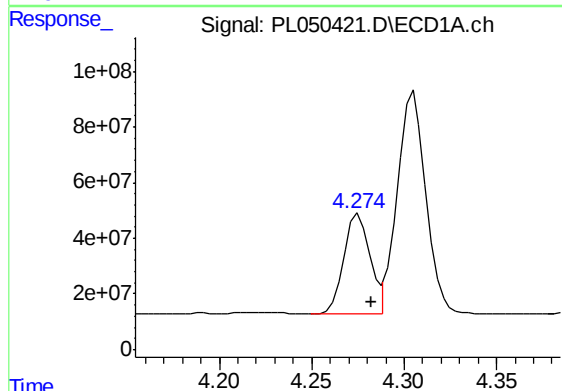
R.T.: 4.543 min  
Delta R.T.: -0.007 min  
Response: 840303437  
Conc: 48.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



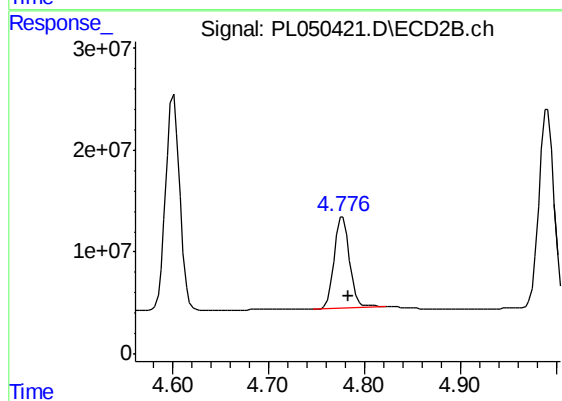
#5 Aldrin

R.T.: 5.405 min  
Delta R.T.: -0.008 min  
Response: 209307929  
Conc: 53.43 ng/ml



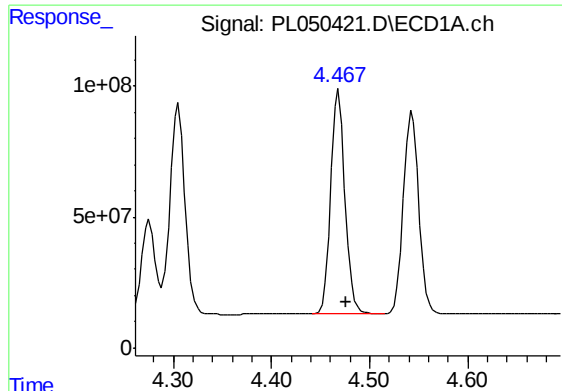
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: -0.007 min  
Response: 354785533  
Conc: 48.50 ng/ml



#6 beta-BHC

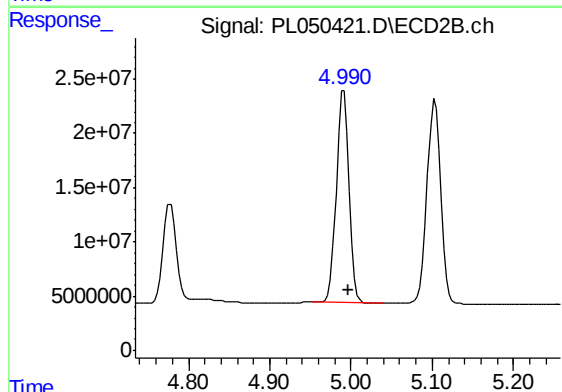
R.T.: 4.778 min  
Delta R.T.: -0.006 min  
Response: 99890133  
Conc: 51.57 ng/ml



#7 delta-BHC

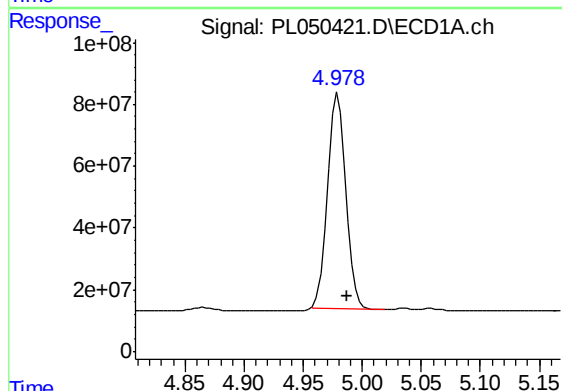
R.T.: 4.469 min  
Delta R.T.: -0.008 min  
Response: 875005637  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



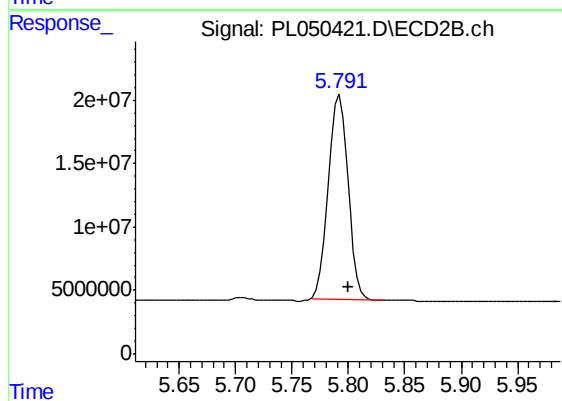
#7 delta-BHC

R.T.: 4.991 min  
Delta R.T.: -0.006 min  
Response: 214775459  
Conc: 54.53 ng/ml



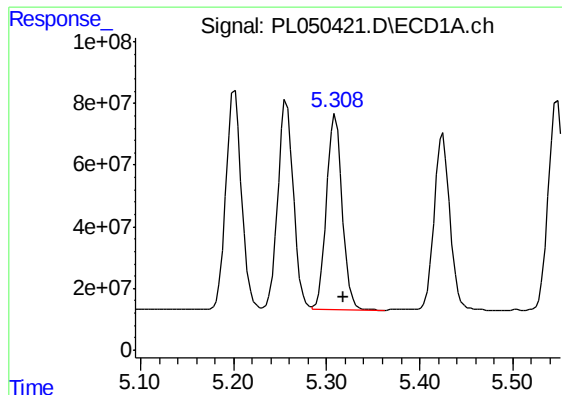
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: -0.008 min  
Response: 767276507  
Conc: 47.67 ng/ml



#8 Heptachlor epoxide

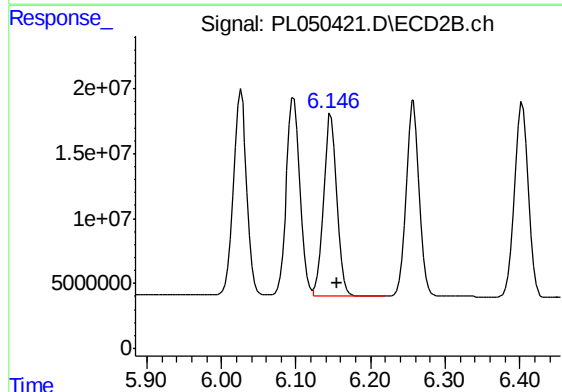
R.T.: 5.792 min  
Delta R.T.: -0.008 min  
Response: 197499107  
Conc: 54.32 ng/ml



#9 Endosulfan I

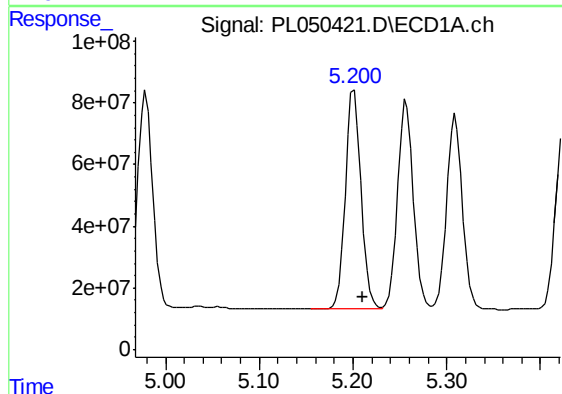
R.T.: 5.309 min  
Delta R.T.: -0.009 min  
Response: 744975907  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



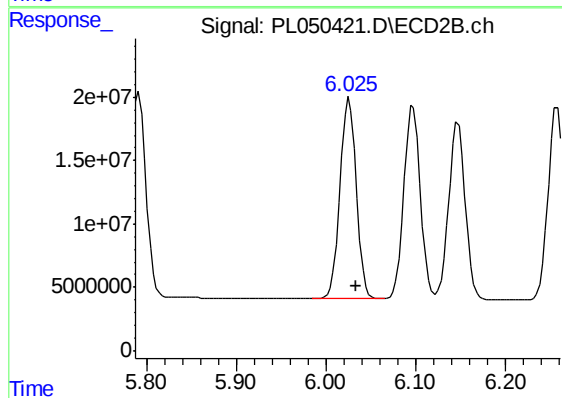
#9 Endosulfan I

R.T.: 6.147 min  
Delta R.T.: -0.008 min  
Response: 179775823  
Conc: 52.92 ng/ml



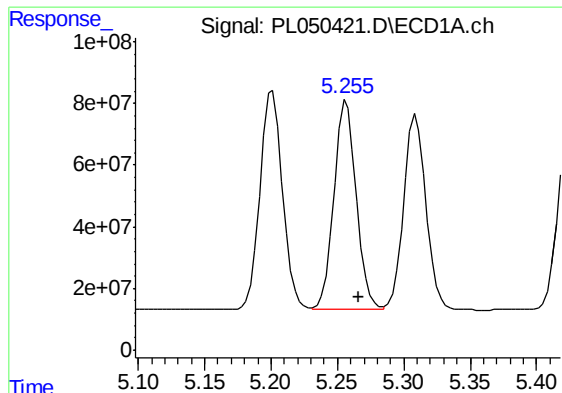
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: -0.009 min  
Response: 827985911  
Conc: 48.45 ng/ml



#10 gamma-Chlordane

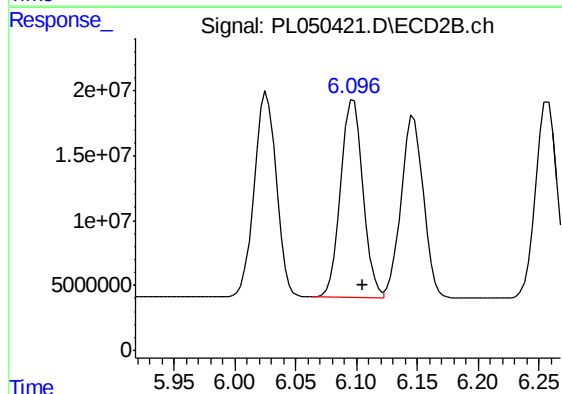
R.T.: 6.026 min  
Delta R.T.: -0.008 min  
Response: 200068899  
Conc: 53.69 ng/ml



#11 alpha-Chlordane

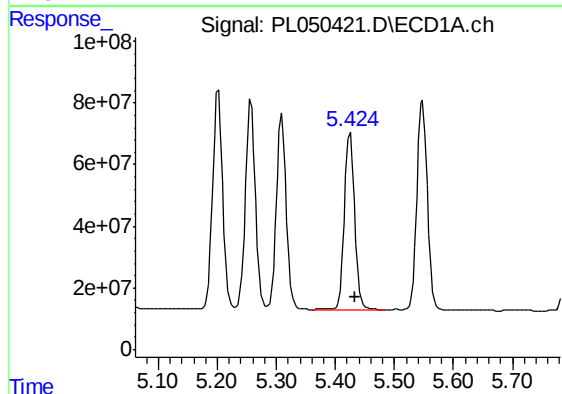
R.T.: 5.257 min  
Delta R.T.: -0.009 min  
Response: 800993175  
Conc: 48.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



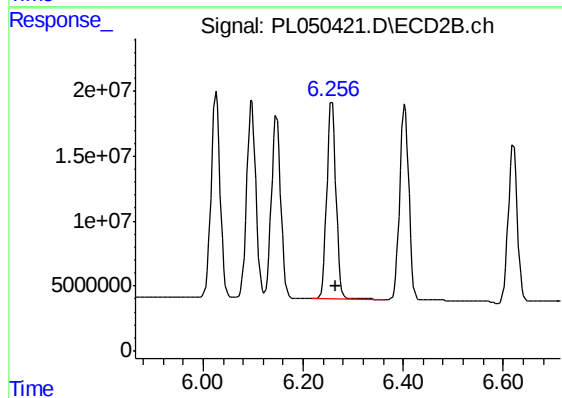
#11 alpha-Chlordane

R.T.: 6.097 min  
Delta R.T.: -0.008 min  
Response: 195256187  
Conc: 52.79 ng/ml



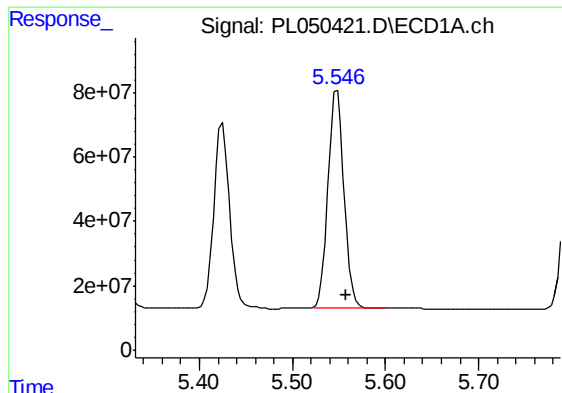
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: -0.009 min  
Response: 686322206  
Conc: 41.20 ng/ml



#12 4,4'-DDE

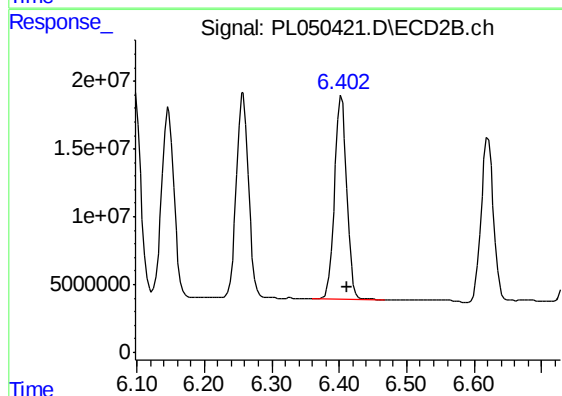
R.T.: 6.258 min  
Delta R.T.: -0.008 min  
Response: 191920154  
Conc: 55.31 ng/ml



#13 Dielddrin

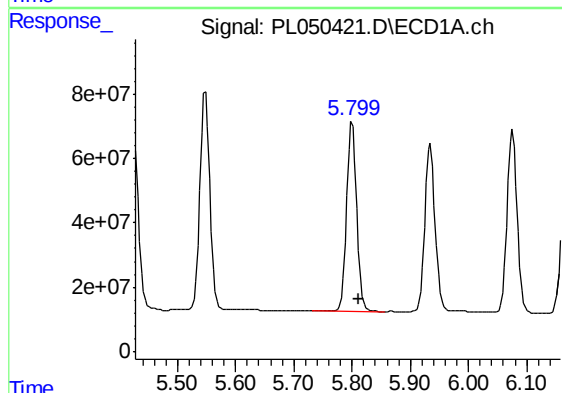
R.T.: 5.548 min  
Delta R.T.: -0.010 min  
Response: 802858087  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



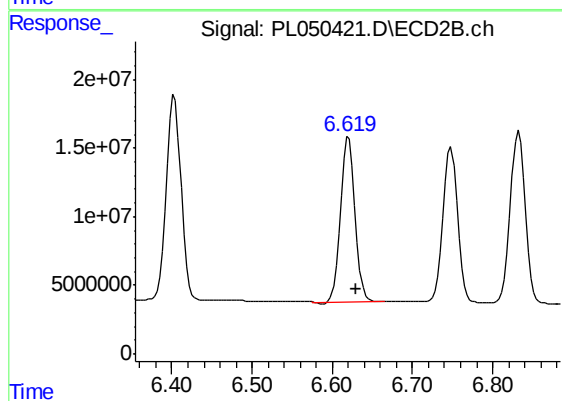
#13 Dielddrin

R.T.: 6.404 min  
Delta R.T.: -0.009 min  
Response: 188306465  
Conc: 53.08 ng/ml



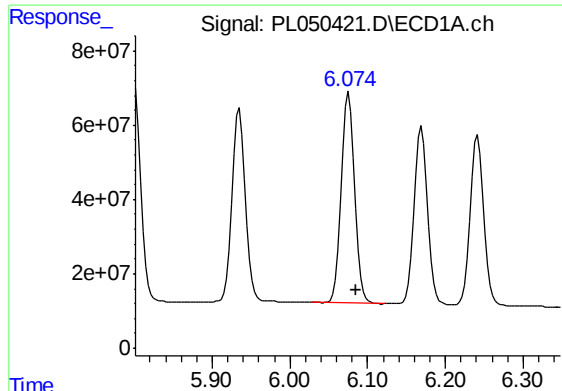
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: -0.010 min  
Response: 713834099  
Conc: 44.57 ng/ml



#14 Endrin

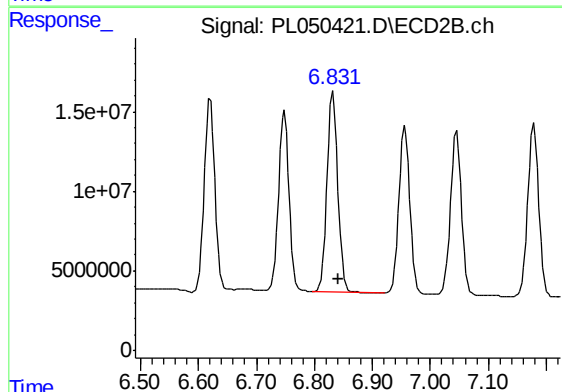
R.T.: 6.621 min  
Delta R.T.: -0.009 min  
Response: 152213252  
Conc: 48.21 ng/ml



#15 Endosulfan II

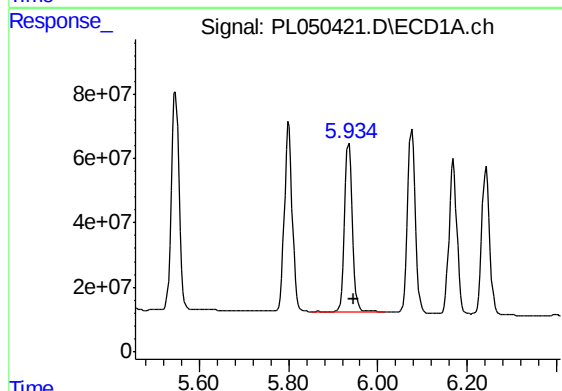
R.T.: 6.076 min  
Delta R.T.: -0.009 min  
Response: 685908499  
Conc: 47.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



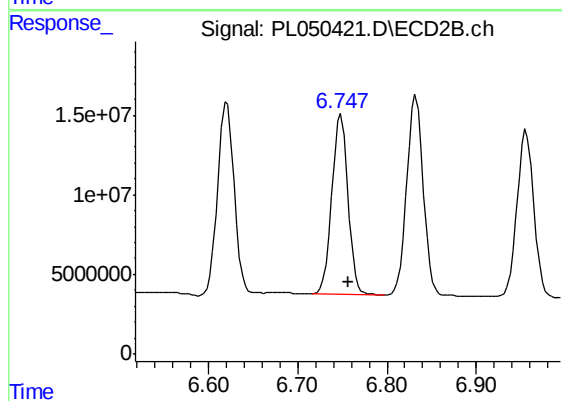
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: -0.008 min  
Response: 161706898  
Conc: 50.21 ng/ml



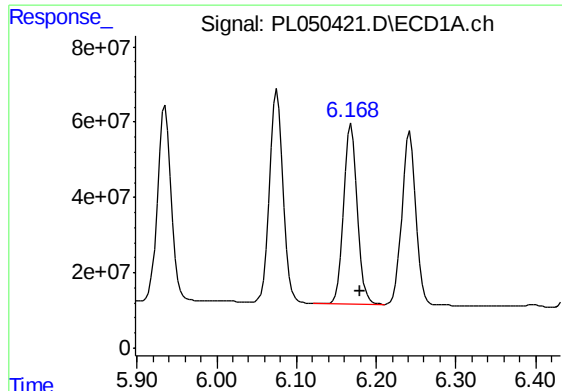
#16 4,4'-DDD

R.T.: 5.935 min  
Delta R.T.: -0.010 min  
Response: 630113684  
Conc: 49.91 ng/ml



#16 4,4'-DDD

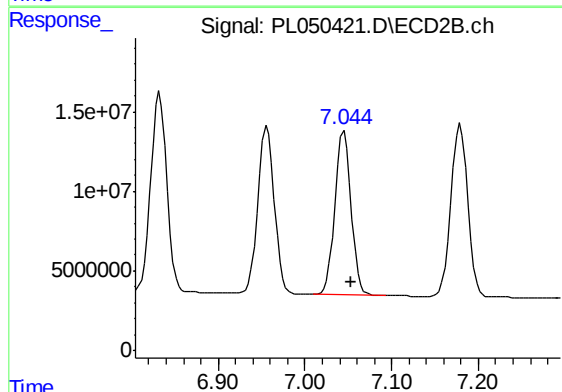
R.T.: 6.748 min  
Delta R.T.: -0.008 min  
Response: 141058346  
Conc: 53.96 ng/ml



#17 4,4'-DDT

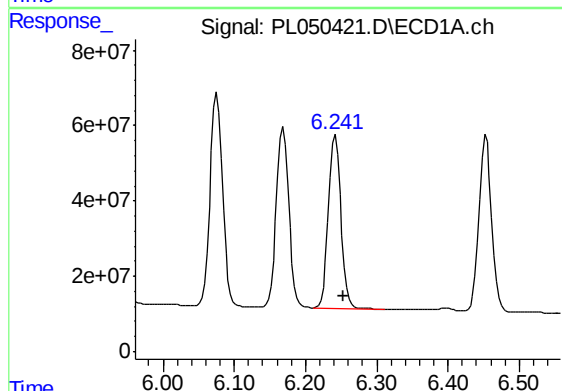
R.T.: 6.169 min  
Delta R.T.: -0.011 min  
Response: 584930999  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



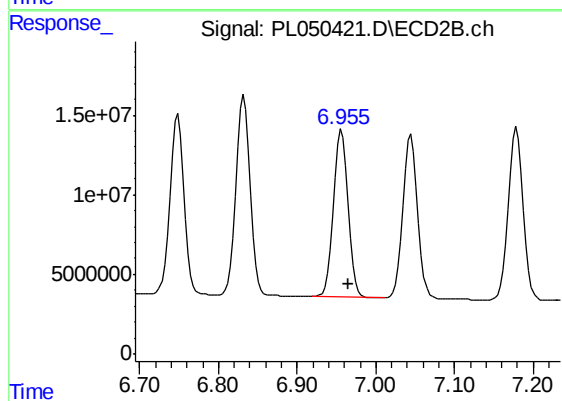
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: -0.009 min  
Response: 133898394  
Conc: 45.72 ng/ml



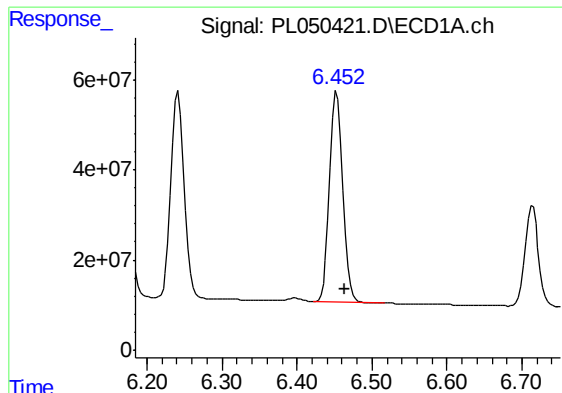
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: -0.011 min  
Response: 559487395  
Conc: 47.37 ng/ml



#18 Endrin aldehyde

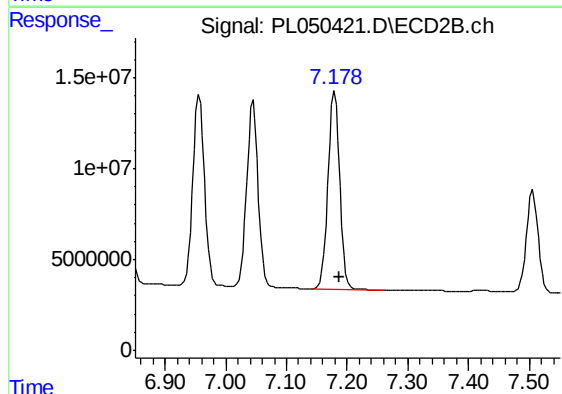
R.T.: 6.956 min  
Delta R.T.: -0.008 min  
Response: 139102507  
Conc: 50.65 ng/ml



#19 Endosulfan Sulfate

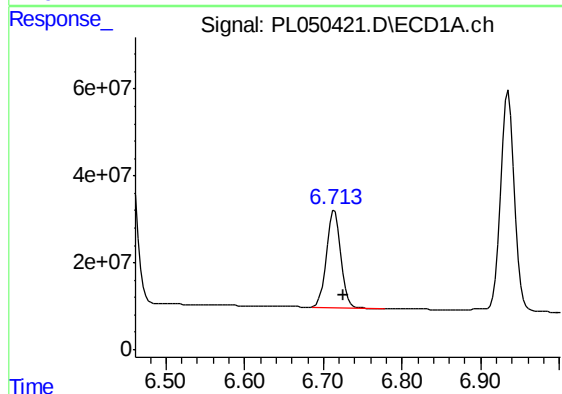
R.T.: 6.453 min  
Delta R.T.: -0.011 min  
Response: 573048703  
Conc: 44.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



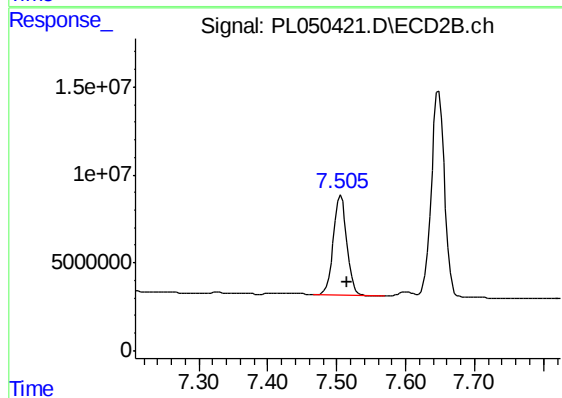
#19 Endosulfan Sulfate

R.T.: 7.179 min  
Delta R.T.: -0.009 min  
Response: 144986341  
Conc: 48.17 ng/ml



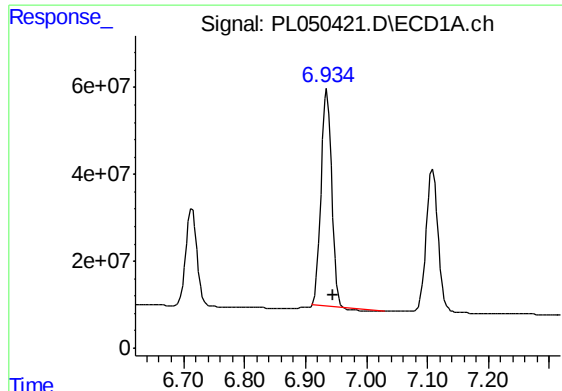
#20 Methoxychlor

R.T.: 6.714 min  
Delta R.T.: -0.011 min  
Response: 283867934  
Conc: 43.55 ng/ml



#20 Methoxychlor

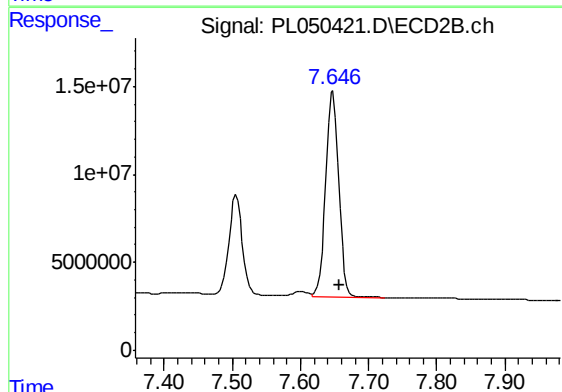
R.T.: 7.506 min  
Delta R.T.: -0.009 min  
Response: 76296591  
Conc: 45.77 ng/ml



#21 Endrin ketone

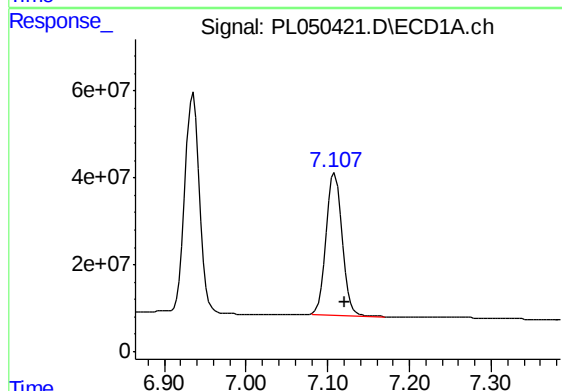
R.T.: 6.935 min  
Delta R.T.: -0.011 min  
Response: 598319126  
Conc: 42.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



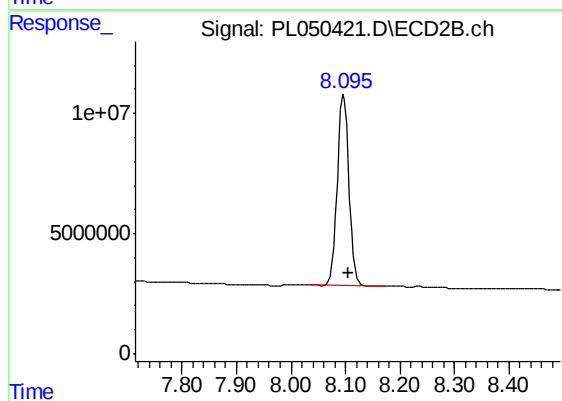
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: -0.009 min  
Response: 155828547  
Conc: 50.01 ng/ml



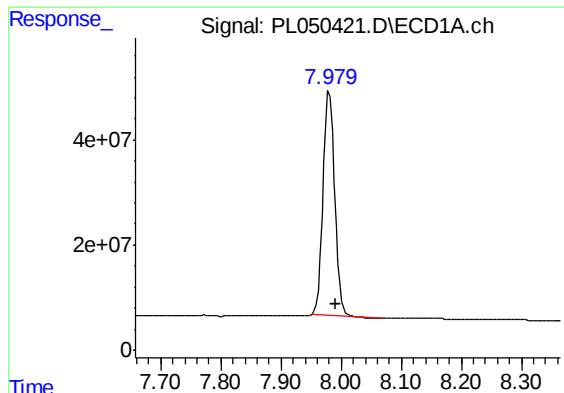
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: -0.012 min  
Response: 441339162  
Conc: 42.70 ng/ml



#22 Mirex

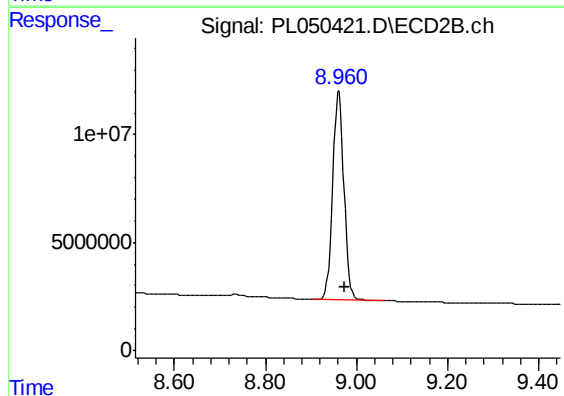
R.T.: 8.097 min  
Delta R.T.: -0.010 min  
Response: 119614840  
Conc: 47.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: -0.012 min  
Response: 574427869  
Conc: 45.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.961 min  
Delta R.T.: -0.012 min  
Response: 166996907  
Conc: 49.75 ng/ml