

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071619\  
 Data File : PL050450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jul 2019 04:33  
 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 04:48:01 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 | 3.930 | 561.4E6 | 163.9E6  | 49.780 | 53.516   |
| 28)                         | SA Decachlor... | 7.980 | 8.962 | 576.1E6 | 167.8E6  | 45.340 | 49.988   |
| Target Compounds            |                 |       |       |         |          |        |          |
| 2)                          | A alpha-BHC     | 3.746 | 4.319 | 934.0E6 | 239.9E6  | 49.713 | 53.590   |
| 3)                          | MA gamma-BHC... | 4.021 | 4.602 | 870.9E6 | 223.5E6  | 49.116 | 53.873   |
| 4)                          | MA Heptachlor   | 4.305 | 5.104 | 891.1E6 | 229.1E6  | 49.025 | 52.935   |
| 5)                          | MB Aldrin       | 4.543 | 5.406 | 863.8E6 | 216.1E6  | 50.023 | 55.171   |
| 6)                          | B beta-BHC      | 4.275 | 4.778 | 362.5E6 | 101.9E6  | 49.558 | 52.581   |
| 7)                          | B delta-BHC     | 4.468 | 4.991 | 900.9E6 | 220.6E6  | 50.375 | 56.013   |
| 8)                          | B Heptachlor... | 4.979 | 5.792 | 786.9E6 | 204.9E6  | 48.885 | 56.355   |
| 9)                          | A Endosulfan I  | 5.310 | 6.147 | 762.2E6 | 187.7E6  | 49.262 | 55.261   |
| 10)                         | B gamma-Chl...  | 5.202 | 6.026 | 848.8E6 | 208.1E6  | 49.669 | 55.838   |
| 11)                         | B alpha-Chl...  | 5.257 | 6.098 | 820.6E6 | 203.7E6  | 49.437 | 55.085   |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.258 | 699.0E6 | 199.0E6  | 41.960 | 57.340 # |
| 13)                         | MA Dieldrin     | 5.548 | 6.404 | 836.5E6 | 197.2E6  | 50.219 | 55.601   |
| 14)                         | MA Endrin       | 5.801 | 6.621 | 749.3E6 | 157.4E6  | 46.787 | 49.869   |
| 15)                         | B Endosulfa...  | 6.076 | 6.833 | 728.0E6 | 168.6E6  | 49.964 | 52.356   |
| 16)                         | A 4,4'-DDD      | 5.936 | 6.749 | 670.9E6 | 150.0E6  | 53.146 | 57.376   |
| 17)                         | MA 4,4'-DDT     | 6.170 | 7.045 | 617.4E6 | 136.8E6  | 46.505 | 46.702   |
| 18)                         | B Endrin al...  | 6.242 | 6.957 | 605.5E6 | 145.1E6  | 51.262 | 52.820   |
| 19)                         | B Endosulfa...  | 6.454 | 7.180 | 624.1E6 | 151.0E6  | 48.139 | 50.174   |
| 20)                         | A Methoxychlor  | 6.715 | 7.507 | 299.8E6 | 76592305 | 45.997 | 45.952   |
| 21)                         | B Endrin ke...  | 6.935 | 7.649 | 654.4E6 | 159.7E6  | 46.558 | 51.241   |
| 22)                         | Mirex           | 7.109 | 8.097 | 466.0E6 | 121.0E6  | 45.078 | 47.861   |
| -----                       |                 |       |       |         |          |        |          |

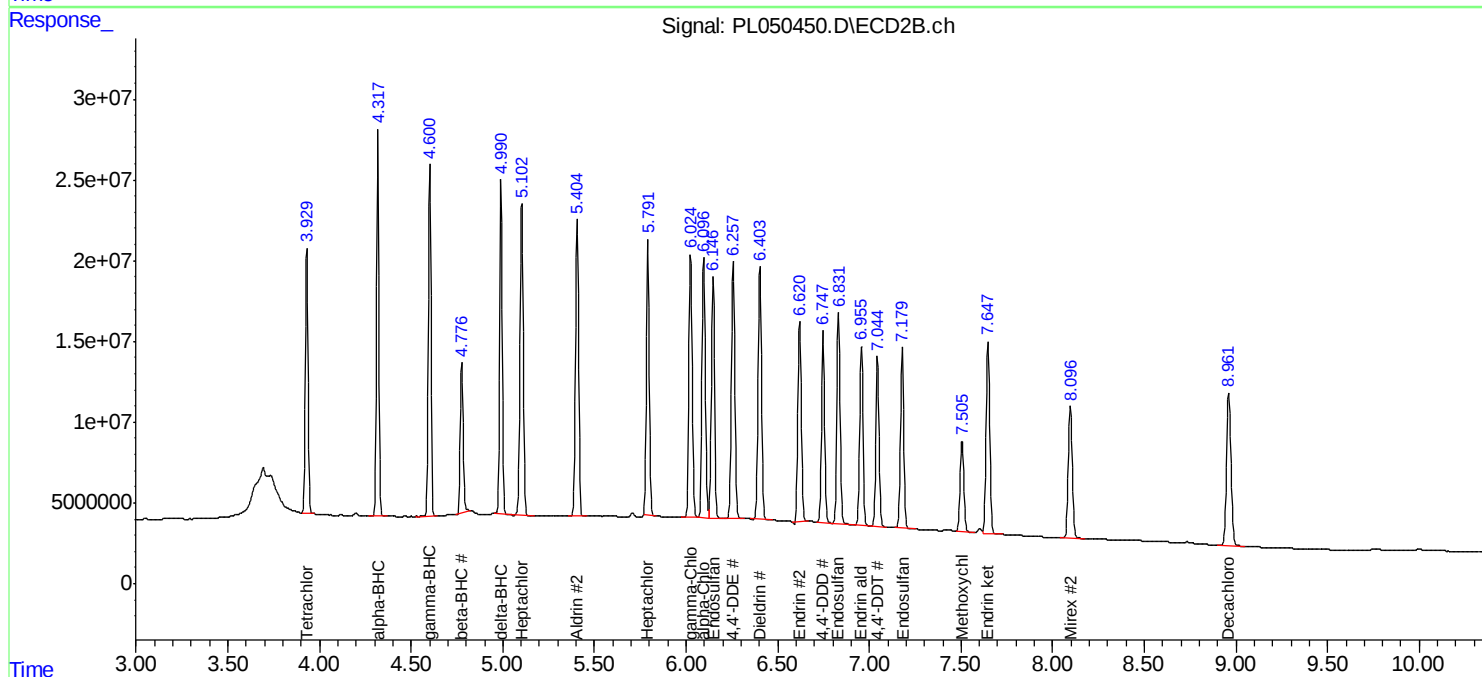
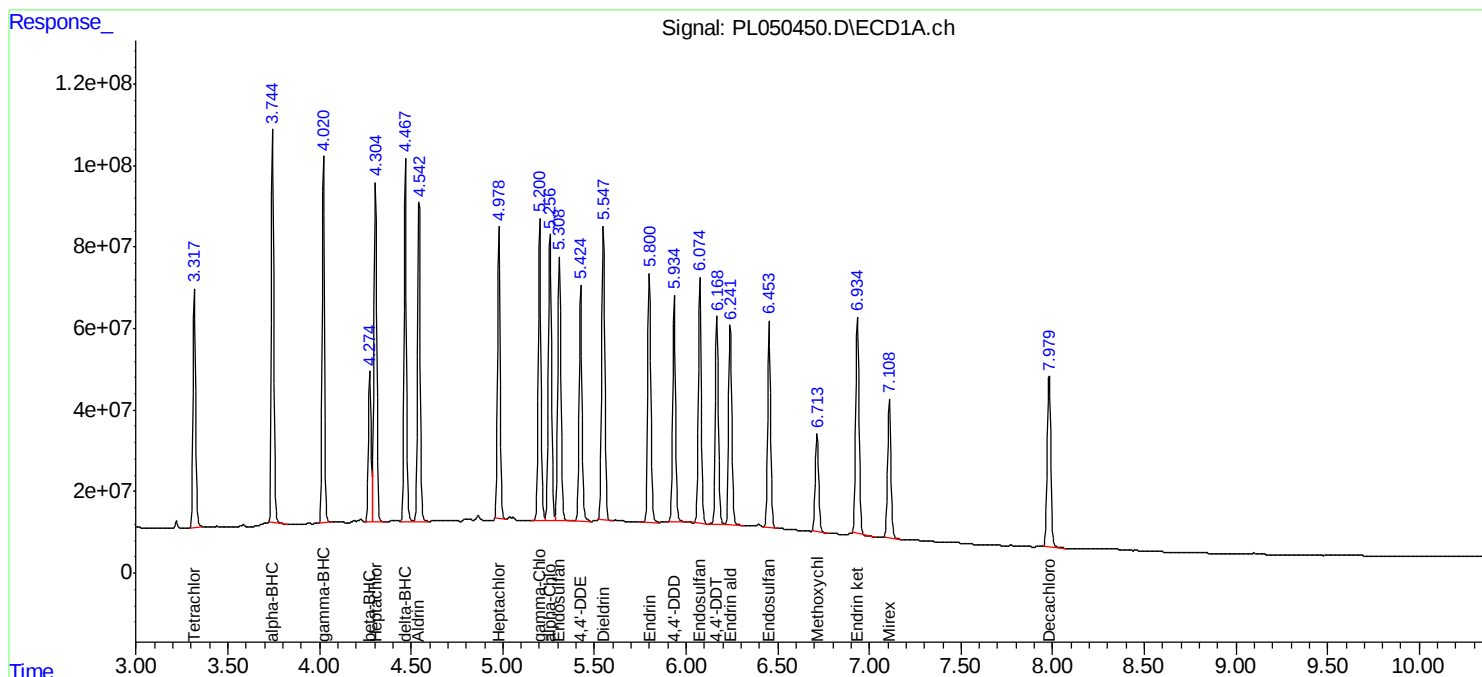
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

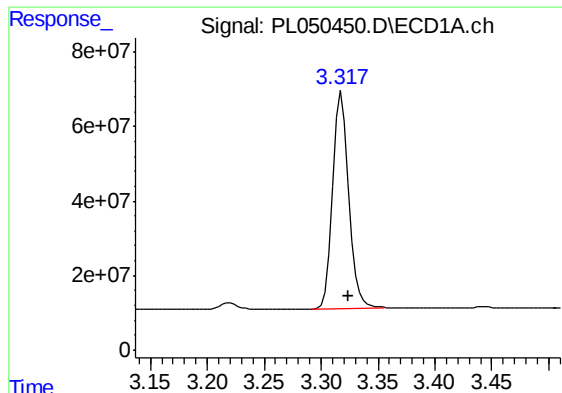
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071619\  
Data File : PL050450.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jul 2019 04:33  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 17 04:48:01 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

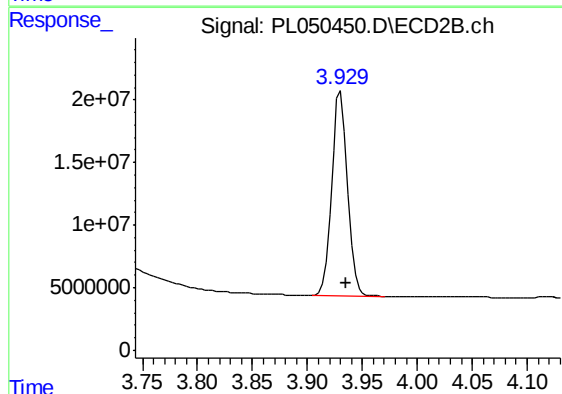




#1 Tetrachloro-m-xylene

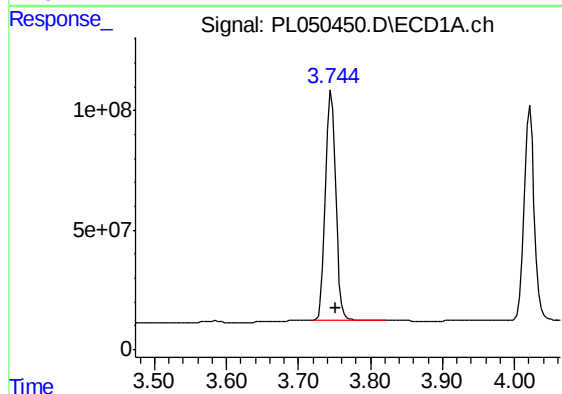
R.T.: 3.318 min  
Delta R.T.: -0.006 min  
Response: 561403168  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



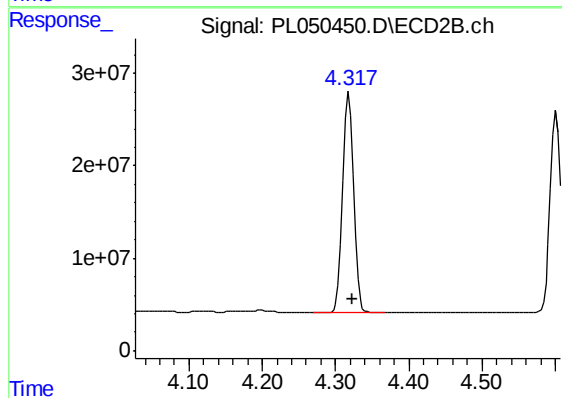
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: -0.005 min  
Response: 163853208  
Conc: 53.52 ng/ml



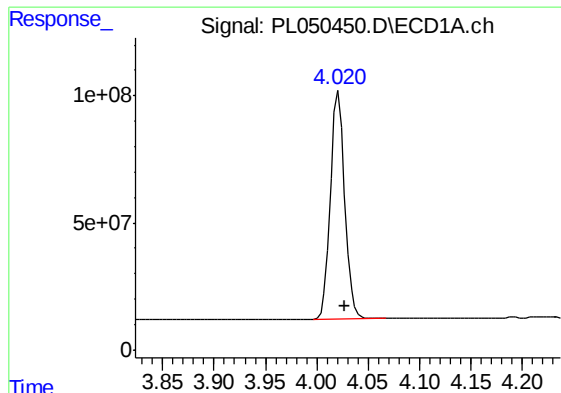
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: -0.006 min  
Response: 933969800  
Conc: 49.71 ng/ml



#2 alpha-BHC

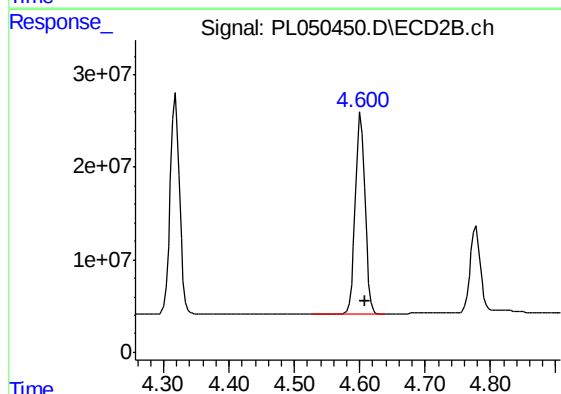
R.T.: 4.319 min  
Delta R.T.: -0.005 min  
Response: 239902163  
Conc: 53.59 ng/ml



#3 gamma-BHC (Lindane)

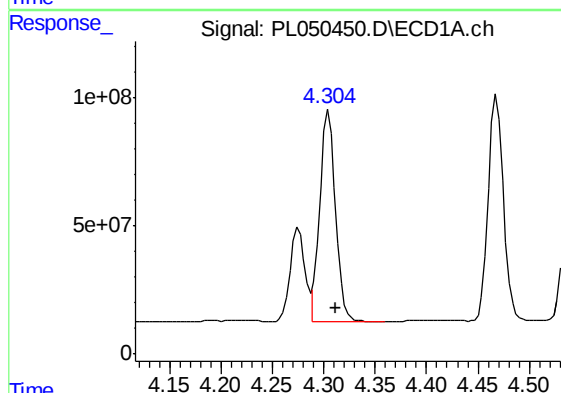
R.T.: 4.021 min  
Delta R.T.: -0.006 min  
Response: 870851986  
Conc: 49.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



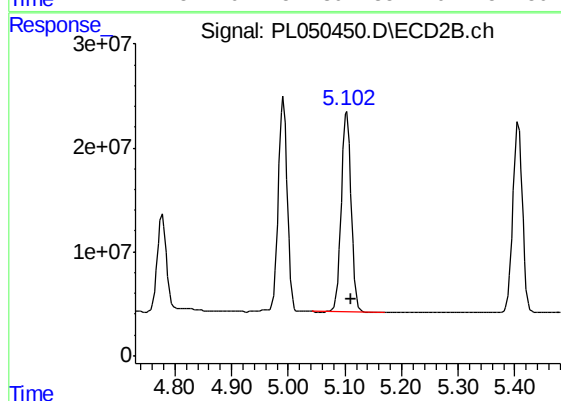
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: -0.006 min  
Response: 223455604  
Conc: 53.87 ng/ml



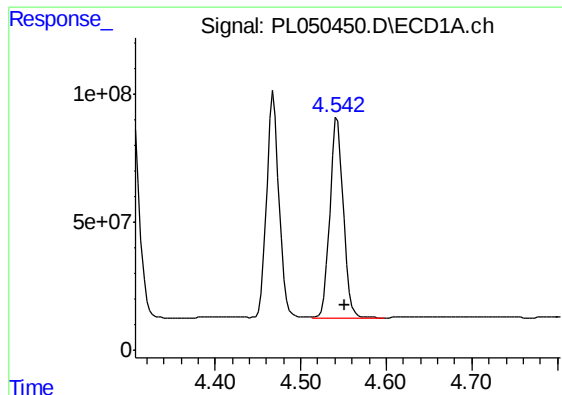
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: -0.007 min  
Response: 891138764  
Conc: 49.03 ng/ml



#4 Heptachlor

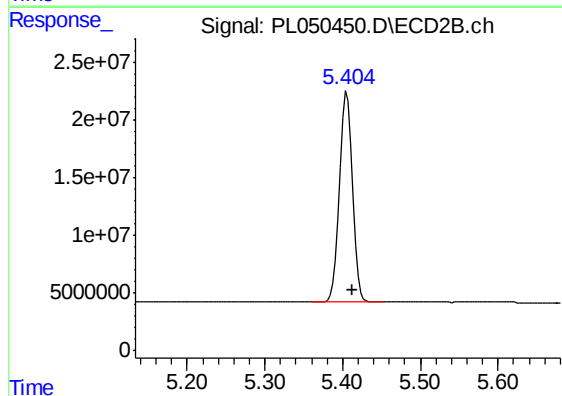
R.T.: 5.104 min  
Delta R.T.: -0.007 min  
Response: 229125648  
Conc: 52.93 ng/ml



#5 Aldrin

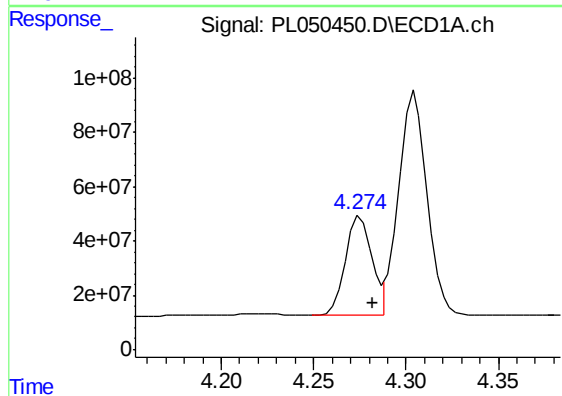
R.T.: 4.543 min  
Delta R.T.: -0.008 min  
Response: 863790588  
Conc: 50.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



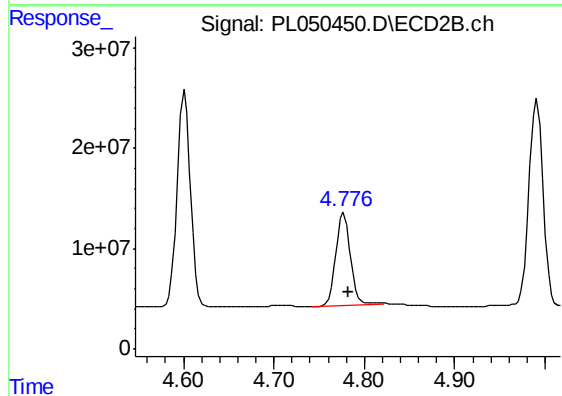
#5 Aldrin

R.T.: 5.406 min  
Delta R.T.: -0.007 min  
Response: 216107304  
Conc: 55.17 ng/ml



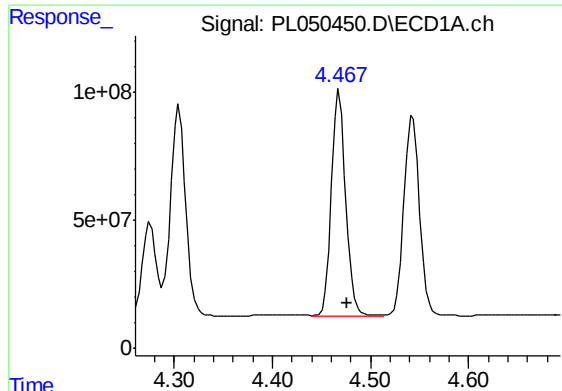
#6 beta-BHC

R.T.: 4.275 min  
Delta R.T.: -0.007 min  
Response: 362504307  
Conc: 49.56 ng/ml



#6 beta-BHC

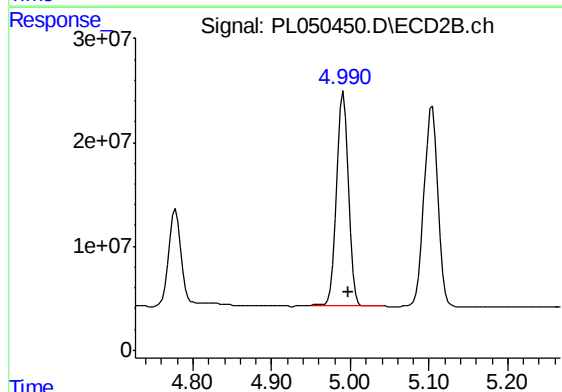
R.T.: 4.778 min  
Delta R.T.: -0.005 min  
Response: 101852428  
Conc: 52.58 ng/ml



#7 delta-BHC

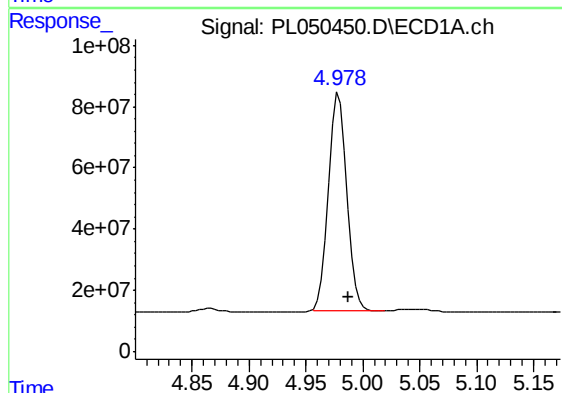
R.T.: 4.468 min  
Delta R.T.: -0.008 min  
Response: 900893893  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



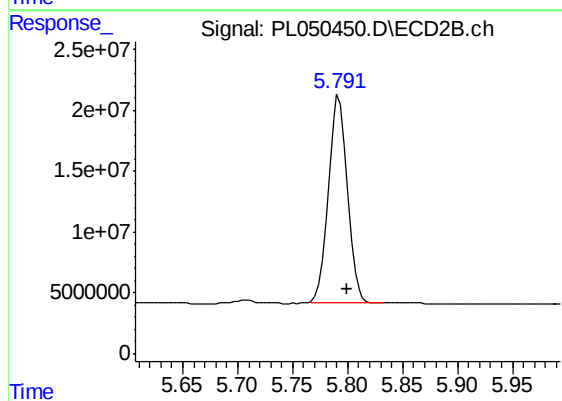
#7 delta-BHC

R.T.: 4.991 min  
Delta R.T.: -0.006 min  
Response: 220629120  
Conc: 56.01 ng/ml



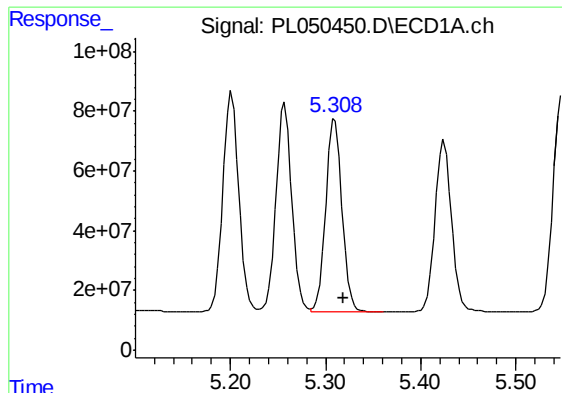
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: -0.009 min  
Response: 786913019  
Conc: 48.88 ng/ml



#8 Heptachlor epoxide

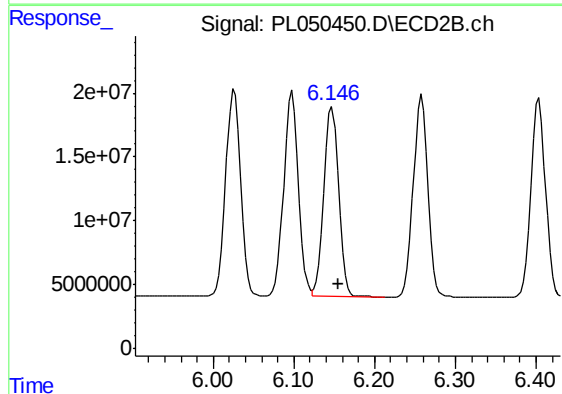
R.T.: 5.792 min  
Delta R.T.: -0.008 min  
Response: 204895083  
Conc: 56.36 ng/ml



#9 Endosulfan I

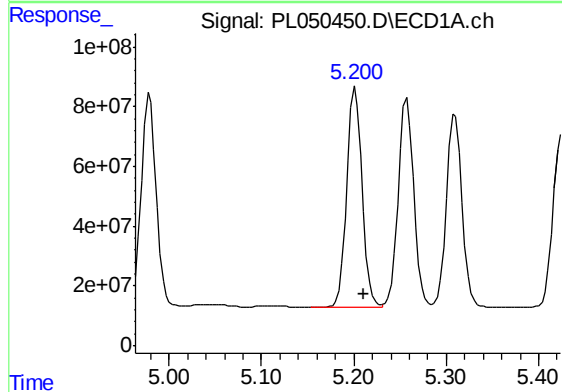
R.T.: 5.310 min  
Delta R.T.: -0.009 min  
Response: 762207869  
Conc: 49.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



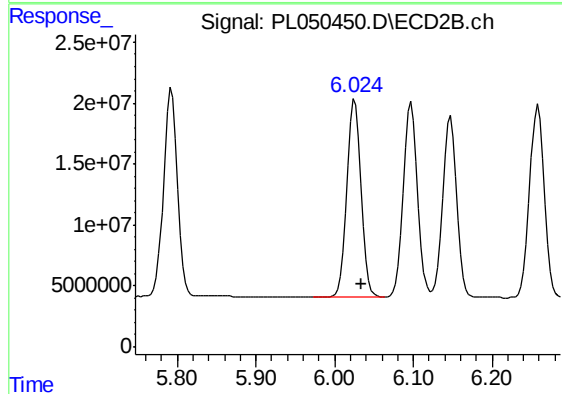
#9 Endosulfan I

R.T.: 6.147 min  
Delta R.T.: -0.008 min  
Response: 187741406  
Conc: 55.26 ng/ml



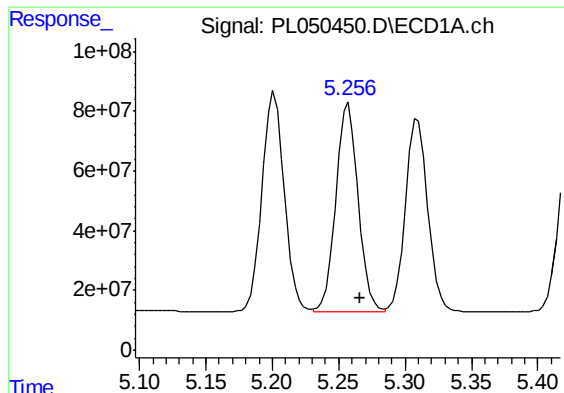
#10 gamma-Chlordane

R.T.: 5.202 min  
Delta R.T.: -0.009 min  
Response: 848784720  
Conc: 49.67 ng/ml



#10 gamma-Chlordane

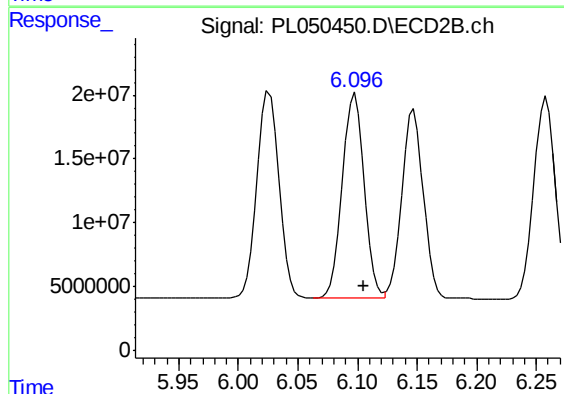
R.T.: 6.026 min  
Delta R.T.: -0.008 min  
Response: 208077590  
Conc: 55.84 ng/ml



#11 alpha-Chlordane

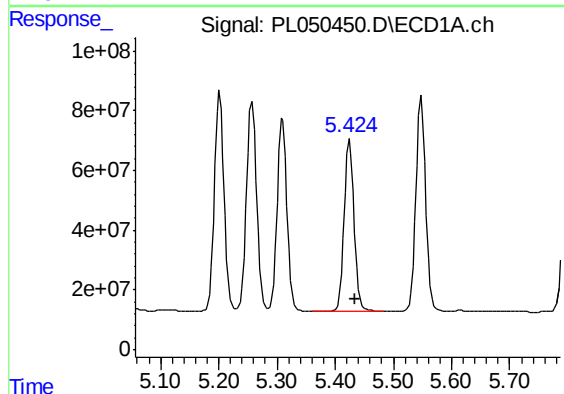
R.T.: 5.257 min  
Delta R.T.: -0.009 min  
Response: 820597194  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



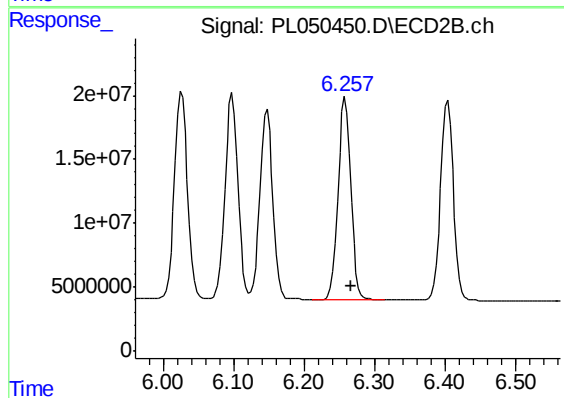
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: -0.008 min  
Response: 203726626  
Conc: 55.08 ng/ml



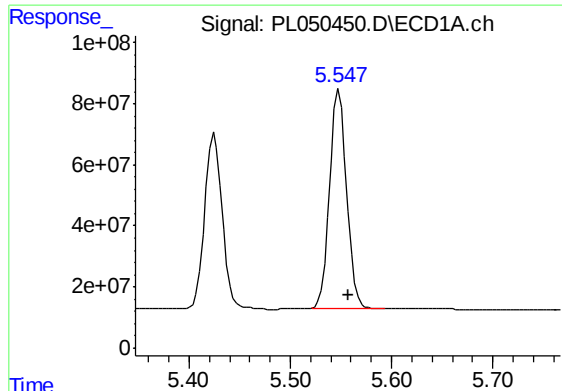
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: -0.009 min  
Response: 699008361  
Conc: 41.96 ng/ml



#12 4,4'-DDE

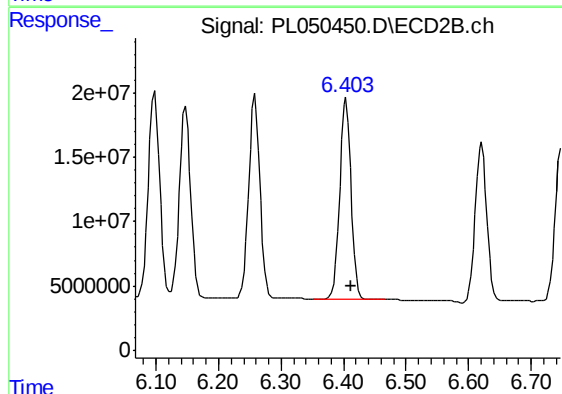
R.T.: 6.258 min  
Delta R.T.: -0.008 min  
Response: 198974622  
Conc: 57.34 ng/ml



#13 Dielldrin

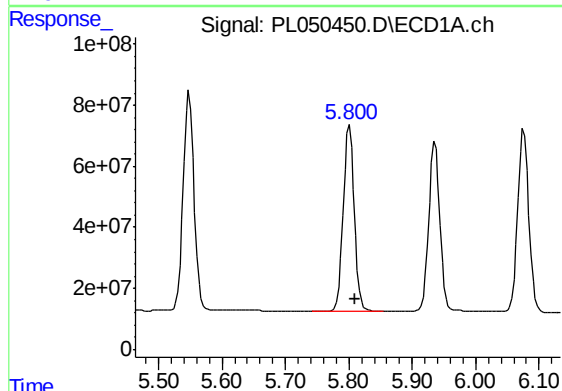
R.T.: 5.548 min  
Delta R.T.: -0.009 min  
Response: 836538895  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



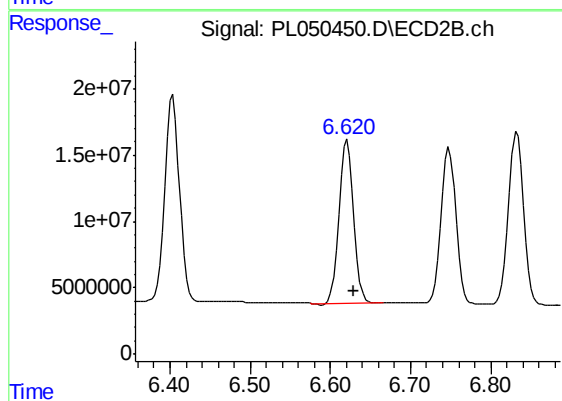
#13 Dielldrin

R.T.: 6.404 min  
Delta R.T.: -0.008 min  
Response: 197246160  
Conc: 55.60 ng/ml



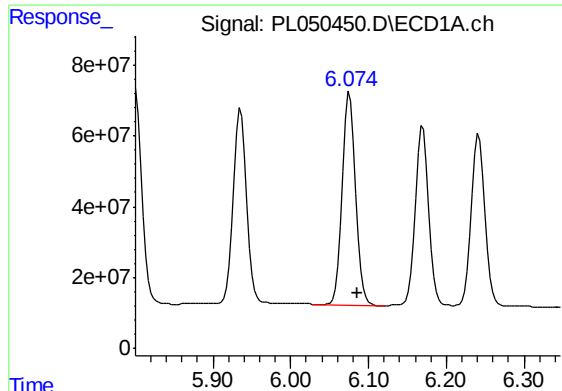
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: -0.010 min  
Response: 749282206  
Conc: 46.79 ng/ml



#14 Endrin

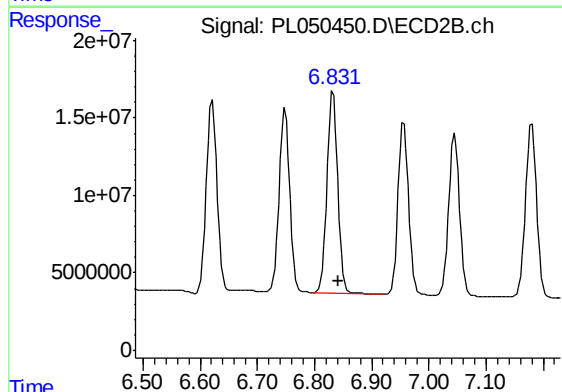
R.T.: 6.621 min  
Delta R.T.: -0.008 min  
Response: 157447100  
Conc: 49.87 ng/ml



#15 Endosulfan II

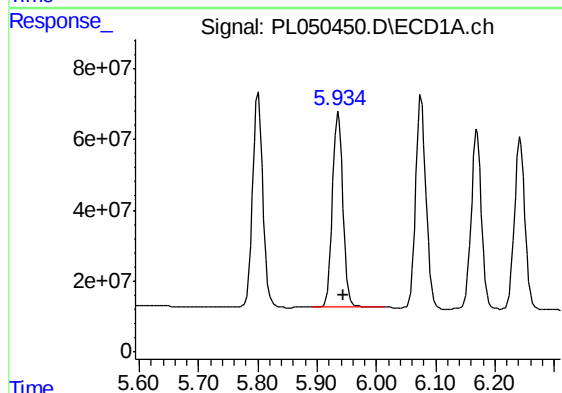
R.T.: 6.076 min  
Delta R.T.: -0.009 min  
Response: 728047027  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



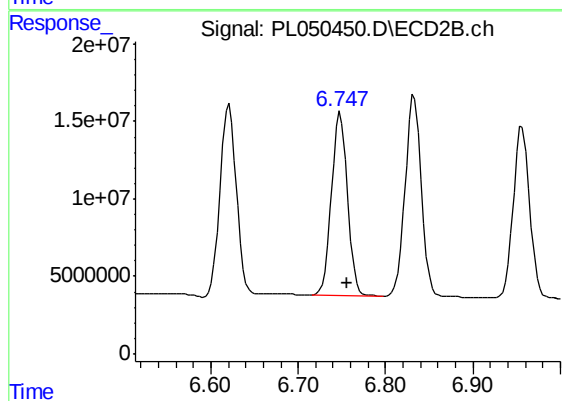
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: -0.008 min  
Response: 168632389  
Conc: 52.36 ng/ml



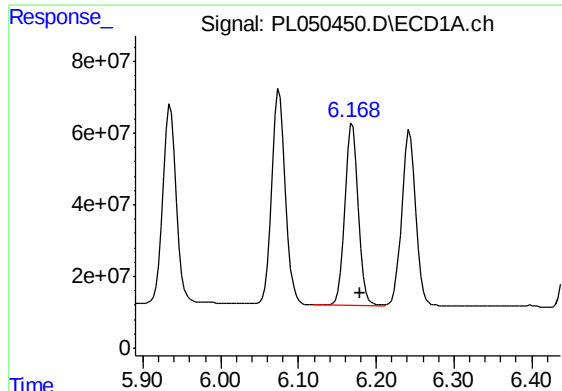
#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: -0.009 min  
Response: 670910111  
Conc: 53.15 ng/ml



#16 4,4'-DDD

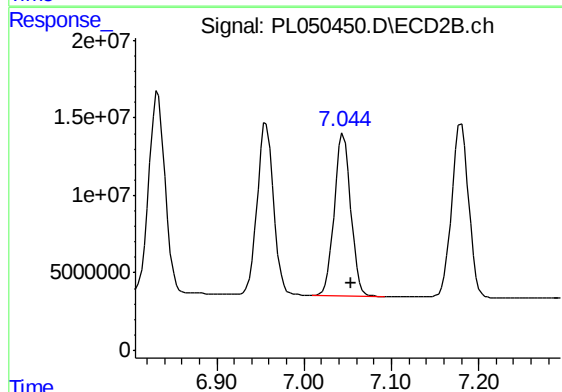
R.T.: 6.749 min  
Delta R.T.: -0.008 min  
Response: 149994891  
Conc: 57.38 ng/ml



#17 4,4'-DDT

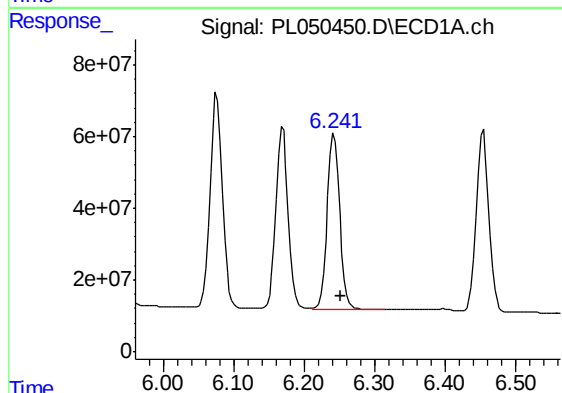
R.T.: 6.170 min  
Delta R.T.: -0.010 min  
Response: 617397567  
Conc: 46.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



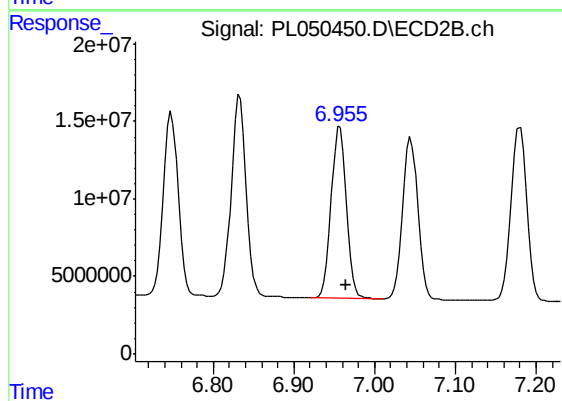
#17 4,4'-DDT

R.T.: 7.045 min  
Delta R.T.: -0.009 min  
Response: 136779401  
Conc: 46.70 ng/ml



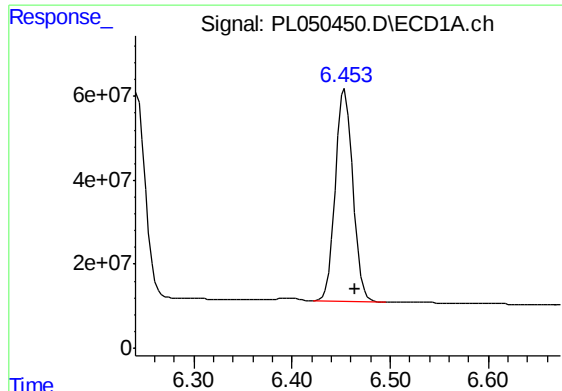
#18 Endrin aldehyde

R.T.: 6.242 min  
Delta R.T.: -0.010 min  
Response: 605490033  
Conc: 51.26 ng/ml



#18 Endrin aldehyde

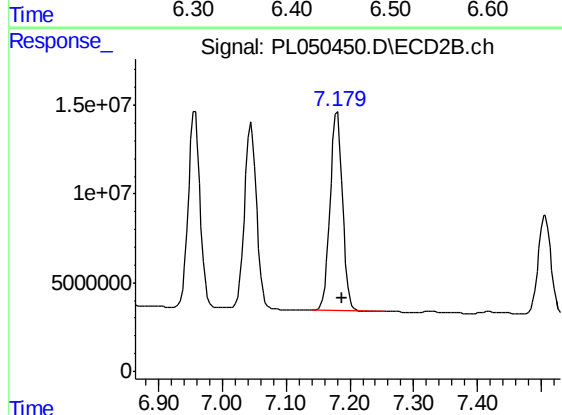
R.T.: 6.957 min  
Delta R.T.: -0.008 min  
Response: 145062581  
Conc: 52.82 ng/ml



#19 Endosulfan Sulfate

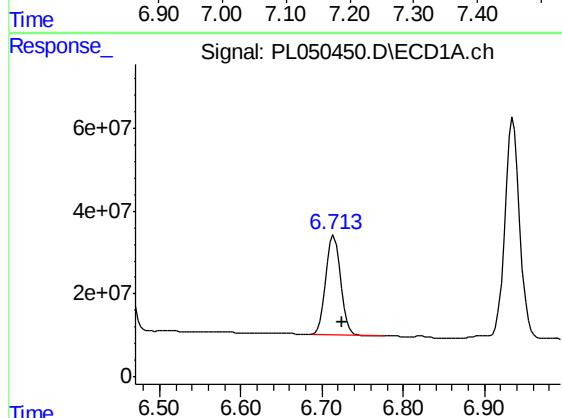
R.T.: 6.454 min  
Delta R.T.: -0.010 min  
Response: 624142754  
Conc: 48.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



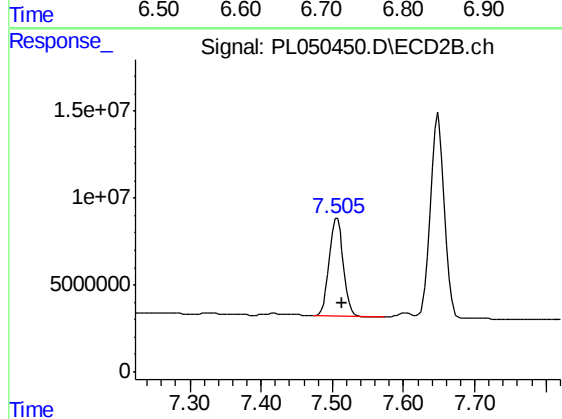
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: -0.008 min  
Response: 151001503  
Conc: 50.17 ng/ml



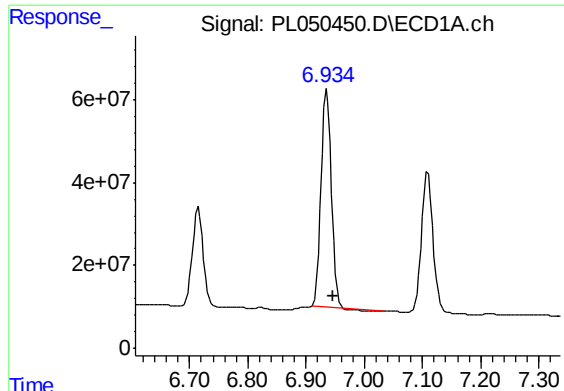
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: -0.010 min  
Response: 299818743  
Conc: 46.00 ng/ml



#20 Methoxychlor

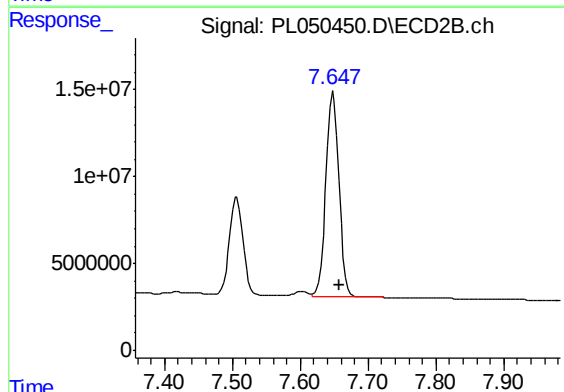
R.T.: 7.507 min  
Delta R.T.: -0.008 min  
Response: 76592305  
Conc: 45.95 ng/ml



#21 Endrin ketone

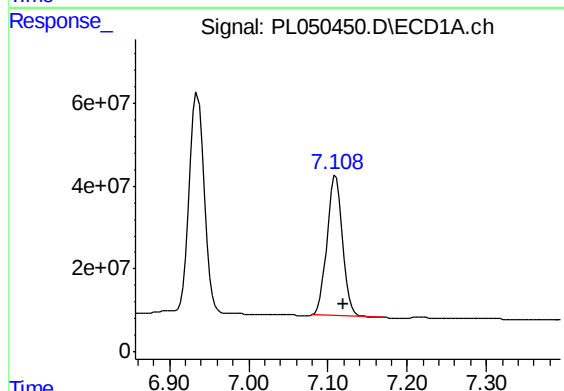
R.T.: 6.935 min  
Delta R.T.: -0.011 min  
Response: 654388507  
Conc: 46.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



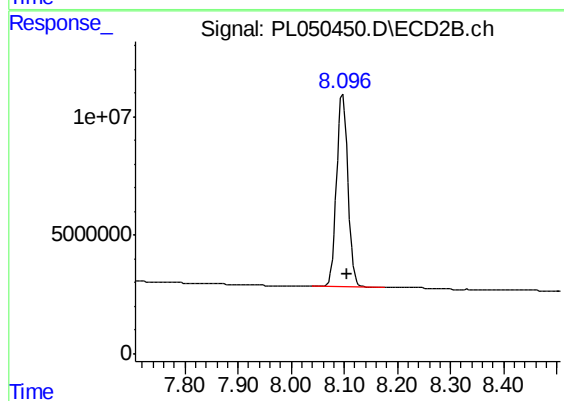
#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: -0.009 min  
Response: 159675501  
Conc: 51.24 ng/ml



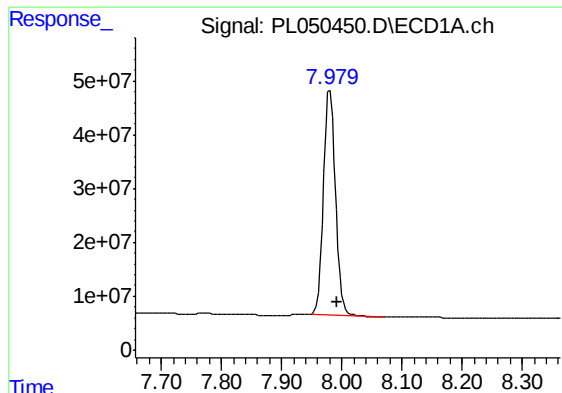
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: -0.011 min  
Response: 465961690  
Conc: 45.08 ng/ml



#22 Mirex

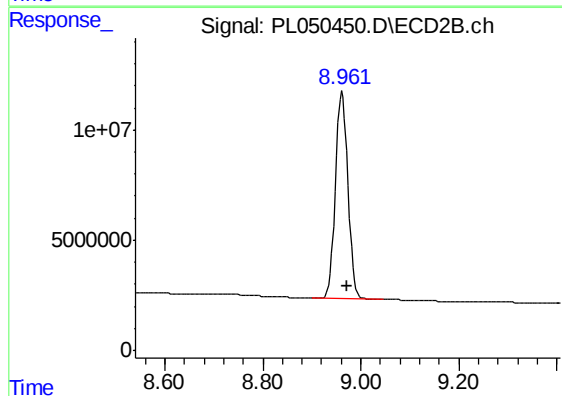
R.T.: 8.097 min  
Delta R.T.: -0.009 min  
Response: 121024906  
Conc: 47.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: -0.012 min  
Response: 576113387  
Conc: 45.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.962 min  
Delta R.T.: -0.011 min  
Response: 167811447  
Conc: 49.99 ng/ml