

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061919\  
 Data File : PL049655.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Jun 2019 19:41  
 Operator : SM\AJ  
 Sample : K3428-20MSD  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PST-084-B045-061319MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 01:08:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 31 01:35:35 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... | 3.324 | 3.935 | 191.6E6 | 56147190 | 17.392 | 19.434 |
| 28)                         | SA Decachlor... | 7.990 | 8.972 | 164.2E6 | 47299813 | 12.911 | 14.163 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.752 | 4.324 | 811.0E6 | 209.9E6  | 45.017 | 52.356 |
| 3)                          | MA gamma-BHC... | 4.027 | 4.607 | 752.1E6 | 190.2E6  | 44.375 | 50.818 |
| 4)                          | MA Heptachlor   | 4.312 | 5.110 | 746.4E6 | 188.7E6  | 42.150 | 46.947 |
| 5)                          | MB Aldrin       | 4.550 | 5.412 | 793.3E6 | 188.8E6  | 46.459 | 51.308 |
| 6)                          | B beta-BHC      | 4.282 | 4.783 | 282.2E6 | 77239293 | 40.618 | 44.843 |
| 7)                          | B delta-BHC     | 4.475 | 4.997 | 558.4E6 | 121.3E6  | 34.551 | 39.536 |
| 8)                          | B Heptachlor... | 4.987 | 5.800 | 677.9E6 | 160.3E6  | 45.710 | 49.052 |
| 9)                          | A Endosulfan I  | 5.318 | 6.155 | 524.2E6 | 123.0E6  | 35.820 | 38.193 |
| 10)                         | B gamma-Chl...  | 5.209 | 6.034 | 738.4E6 | 167.3E6  | 46.251 | 48.362 |
| 11)                         | B alpha-Chl...  | 5.265 | 6.105 | 707.2E6 | 166.2E6  | 45.271 | 47.901 |
| 12)                         | B 4,4'-DDE      | 5.433 | 6.265 | 739.6E6 | 166.8E6  | 47.286 | 50.823 |
| 13)                         | MA Dieldrin     | 5.557 | 6.412 | 681.4E6 | 153.5E6  | 44.564 | 45.768 |
| 14)                         | MA Endrin       | 5.810 | 6.629 | 479.0E6 | 93636381 | 33.209 | 31.377 |
| 15)                         | B Endosulfa...  | 6.084 | 6.840 | 390.8E6 | 92267363 | 29.593 | 30.420 |
| 16)                         | A 4,4'-DDD      | 5.944 | 6.756 | 480.0E6 | 110.6E6  | 40.330 | 42.038 |
| 17)                         | MA 4,4'-DDT     | 6.178 | 7.053 | 488.6E6 | 110.3E6  | 39.685 | 39.348 |
| 18)                         | B Endrin al...  | 6.251 | 6.964 | 301.6E6 | 73071606 | 27.559 | 28.331 |
| 19)                         | B Endosulfa...  | 6.463 | 7.188 | 309.0E6 | 75503660 | 23.803 | 24.830 |
| 20)                         | A Methoxychlor  | 6.723 | 7.514 | 159.4E6 | 44270987 | 24.848 | 26.704 |
| 21)                         | B Endrin ke...  | 6.945 | 7.656 | 407.7E6 | 99145434 | 28.648 | 31.169 |
| 22)                         | Mirex           | 7.119 | 8.105 | 442.2E6 | 113.0E6  | 41.965 | 43.516 |
| -----                       |                 |       |       |         |          |        |        |

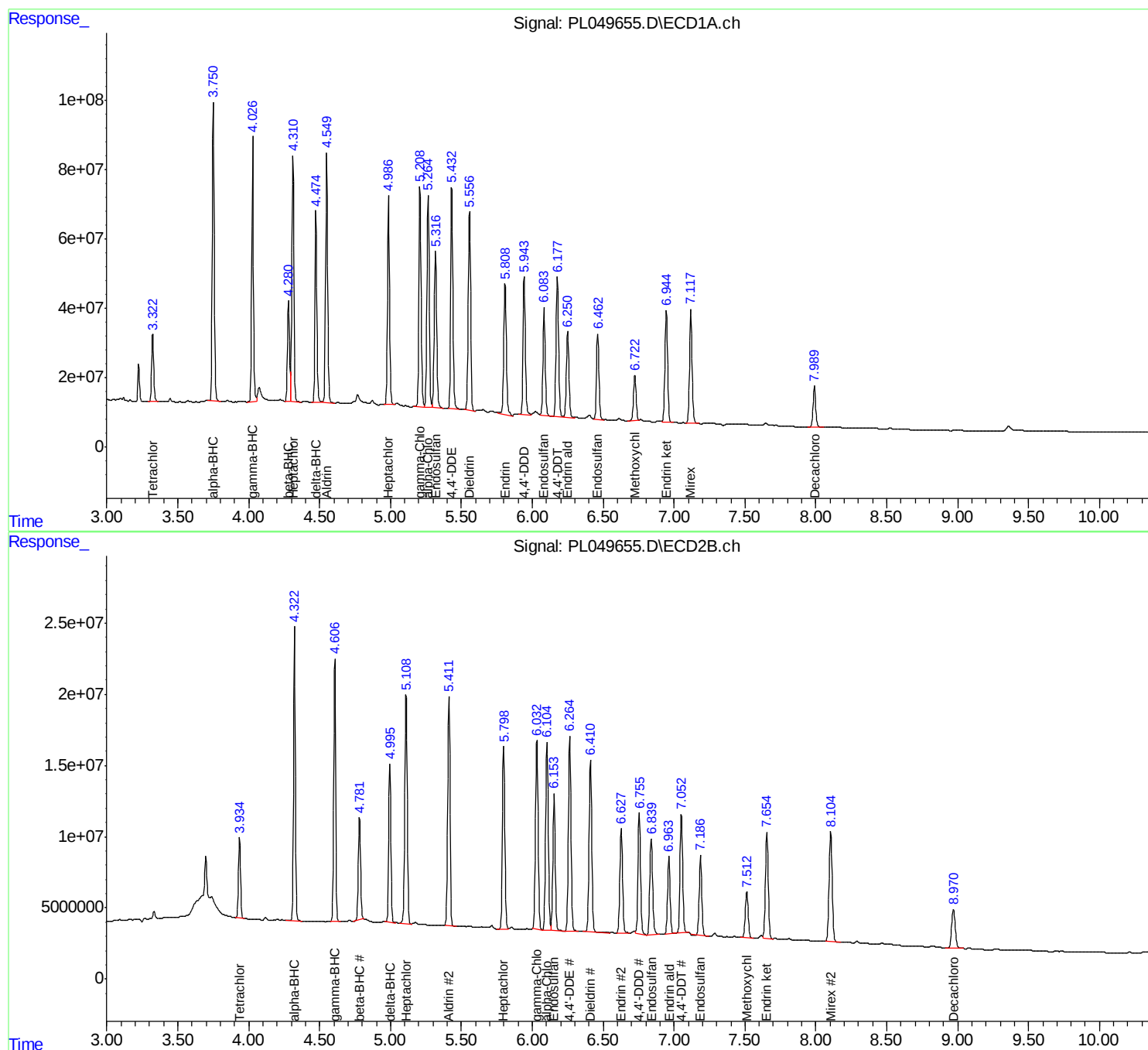
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

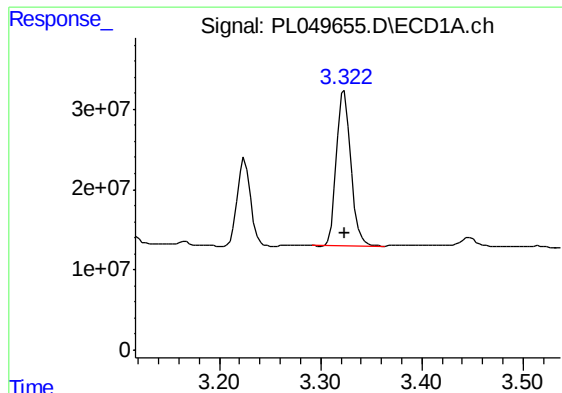
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061919\  
Data File : PL049655.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Jun 2019 19:41  
Operator : SM\AJ  
Sample : K3428-20MSD  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 01:08:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL053019.M  
Quant Title : GC Extractables  
QLast Update : Fri May 31 01:35:35 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

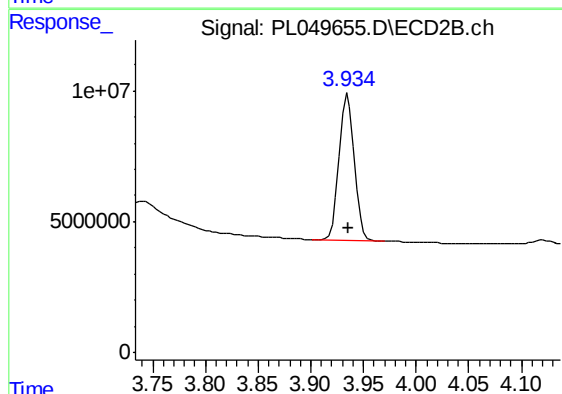




#1 Tetrachloro-m-xylene

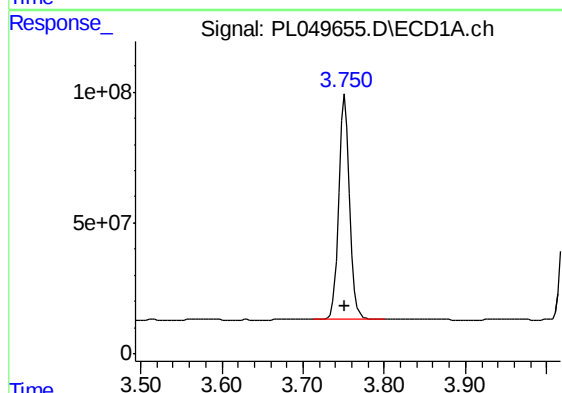
R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 191634934  
Conc: 17.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



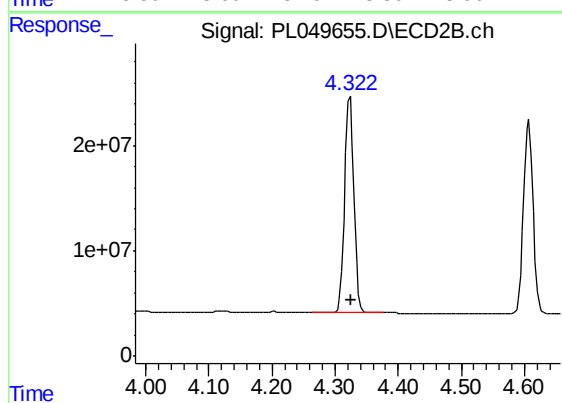
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.001 min  
Response: 56147190  
Conc: 19.43 ng/ml



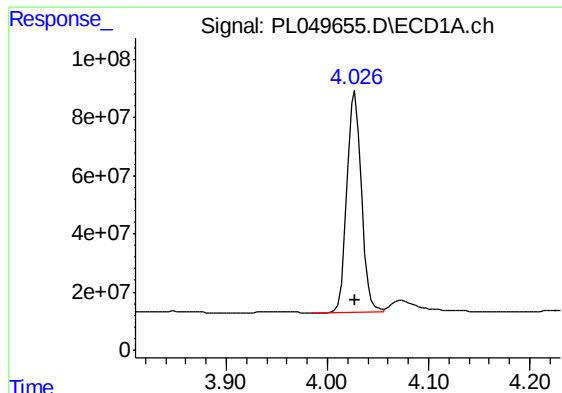
#2 alpha-BHC

R.T.: 3.752 min  
Delta R.T.: 0.000 min  
Response: 811047193  
Conc: 45.02 ng/ml



#2 alpha-BHC

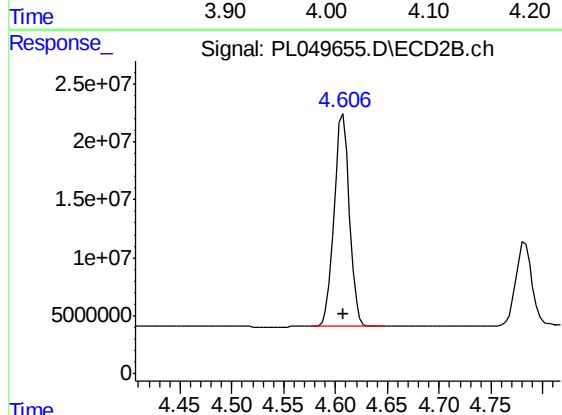
R.T.: 4.324 min  
Delta R.T.: -0.001 min  
Response: 209856697  
Conc: 52.36 ng/ml



#3 gamma-BHC (Lindane)

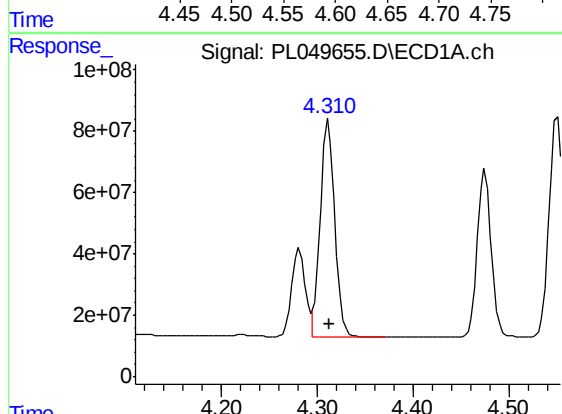
R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 752099545  
Conc: 44.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



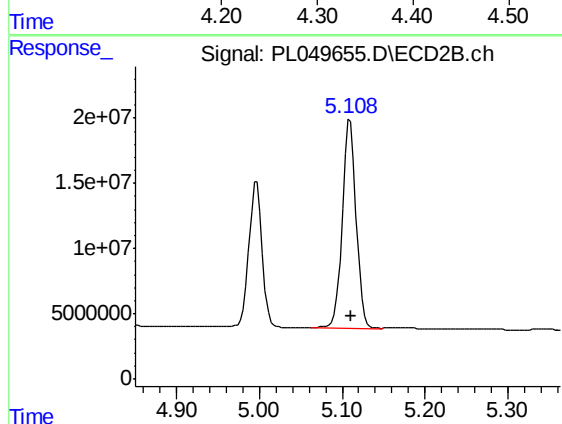
#3 gamma-BHC (Lindane)

R.T.: 4.607 min  
Delta R.T.: 0.000 min  
Response: 190241967  
Conc: 50.82 ng/ml



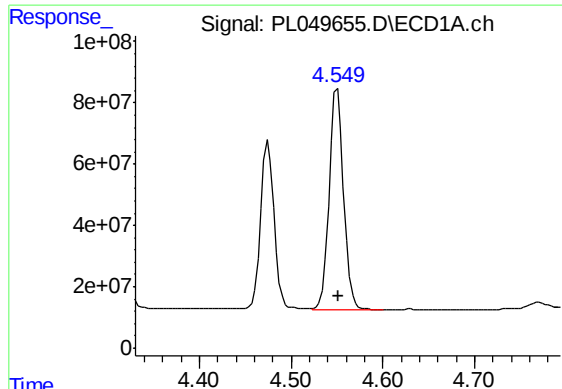
#4 Heptachlor

R.T.: 4.312 min  
Delta R.T.: 0.000 min  
Response: 746403416  
Conc: 42.15 ng/ml



#4 Heptachlor

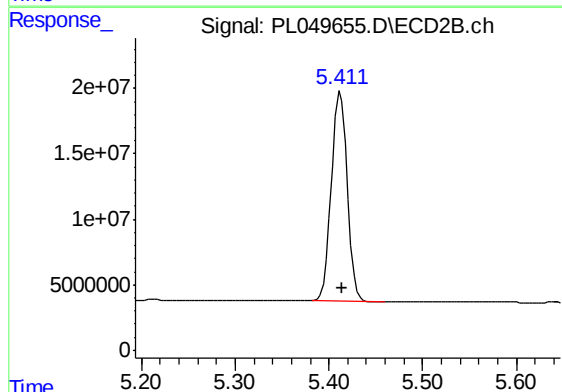
R.T.: 5.110 min  
Delta R.T.: -0.002 min  
Response: 188658006  
Conc: 46.95 ng/ml



#5 Aldrin

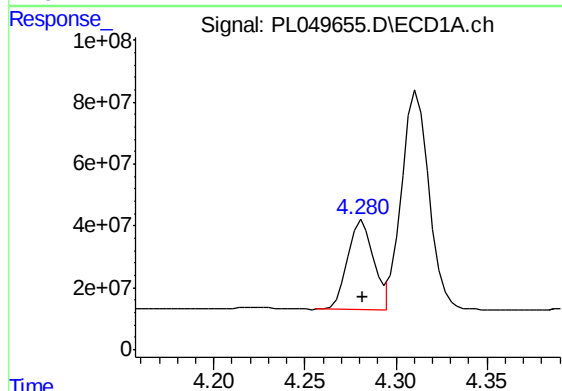
R.T.: 4.550 min  
Delta R.T.: 0.000 min  
Response: 793263918  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



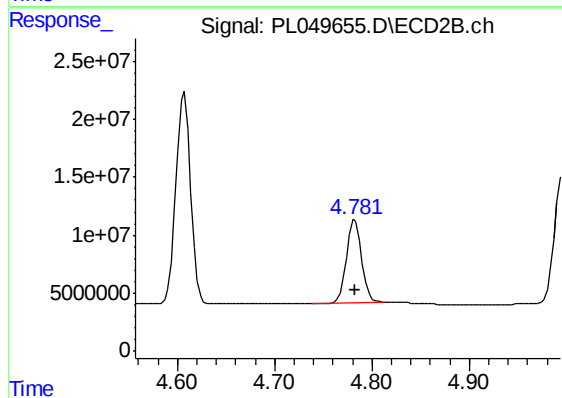
#5 Aldrin

R.T.: 5.412 min  
Delta R.T.: -0.002 min  
Response: 188772784  
Conc: 51.31 ng/ml



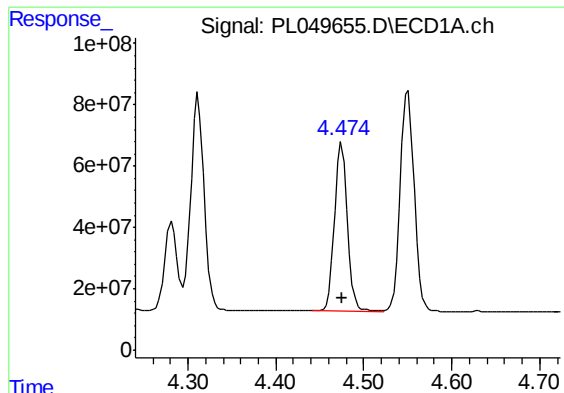
#6 beta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.000 min  
Response: 282244412  
Conc: 40.62 ng/ml



#6 beta-BHC

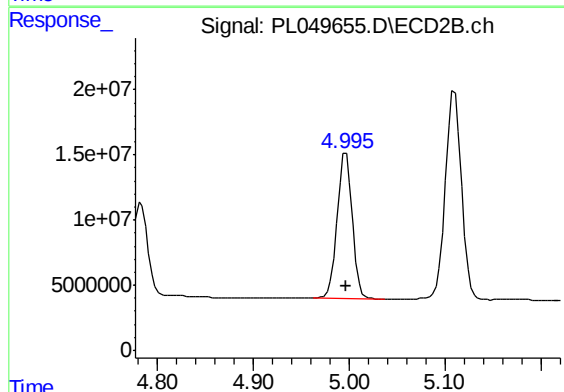
R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 77239293  
Conc: 44.84 ng/ml



#7 delta-BHC

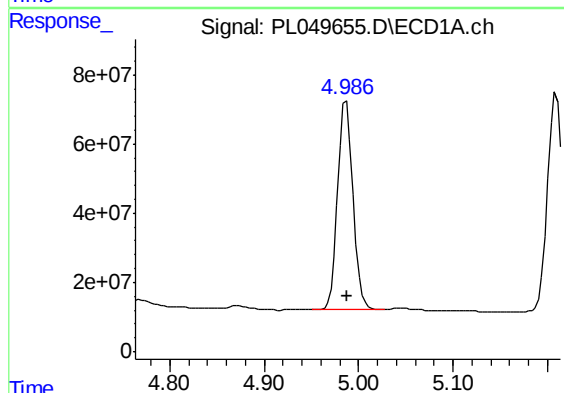
R.T.: 4.475 min  
Delta R.T.: 0.000 min  
Response: 558359425  
Conc: 34.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



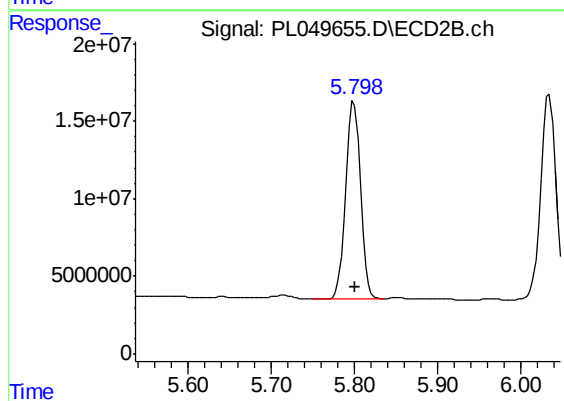
#7 delta-BHC

R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 121263746  
Conc: 39.54 ng/ml



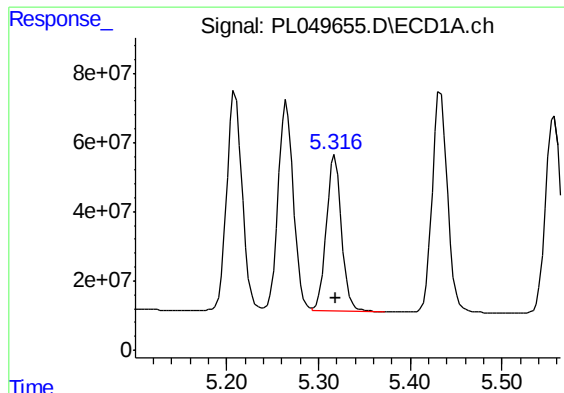
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.001 min  
Response: 677892986  
Conc: 45.71 ng/ml



#8 Heptachlor epoxide

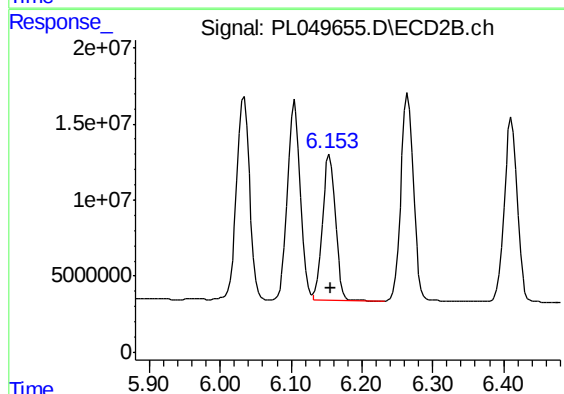
R.T.: 5.800 min  
Delta R.T.: -0.001 min  
Response: 160341362  
Conc: 49.05 ng/ml



#9 Endosulfan I

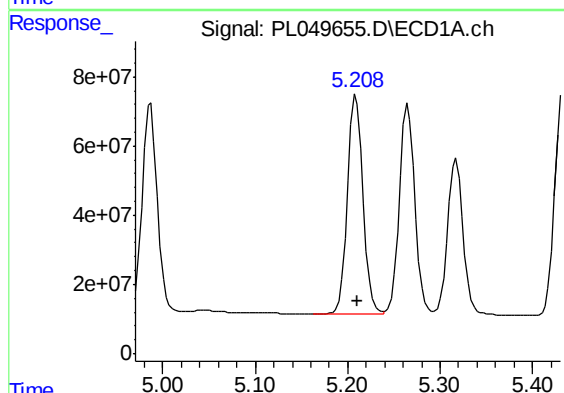
R.T.: 5.318 min  
Delta R.T.: -0.001 min  
Response: 524201933  
Conc: 35.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



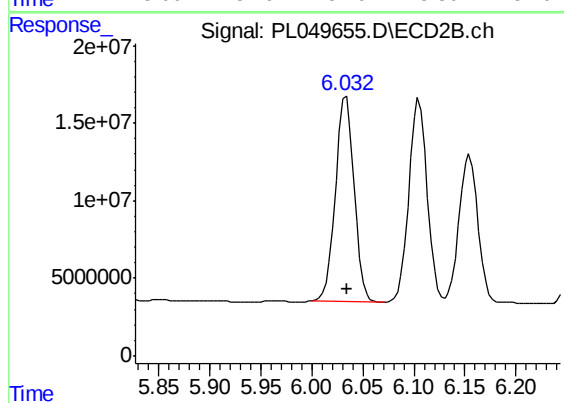
#9 Endosulfan I

R.T.: 6.155 min  
Delta R.T.: -0.001 min  
Response: 123011818  
Conc: 38.19 ng/ml



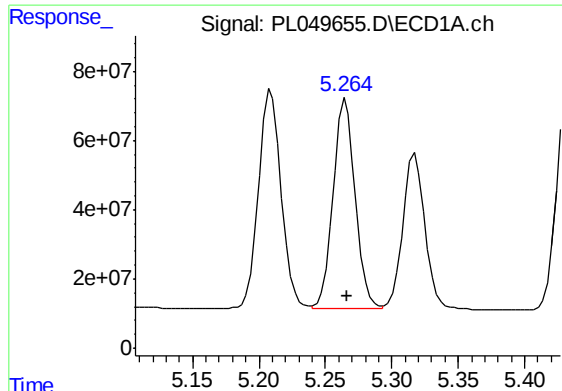
#10 gamma-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 738354482  
Conc: 46.25 ng/ml



#10 gamma-Chlordane

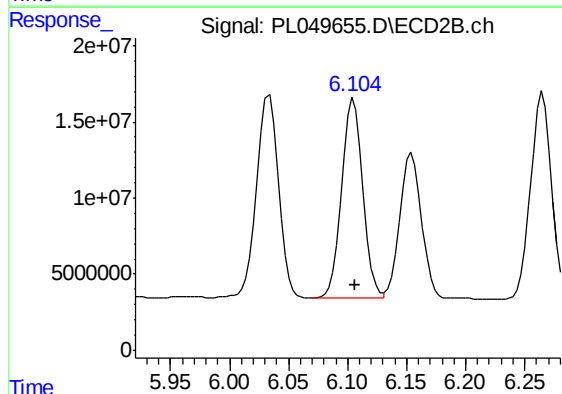
R.T.: 6.034 min  
Delta R.T.: -0.001 min  
Response: 167291353  
Conc: 48.36 ng/ml



#11 alpha-Chlordane

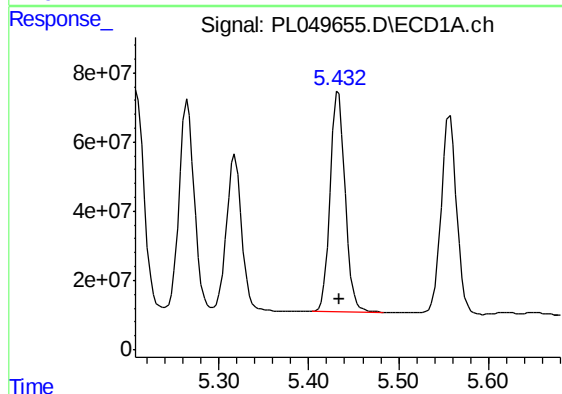
R.T.: 5.265 min  
Delta R.T.: -0.001 min  
Response: 707237368  
Conc: 45.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



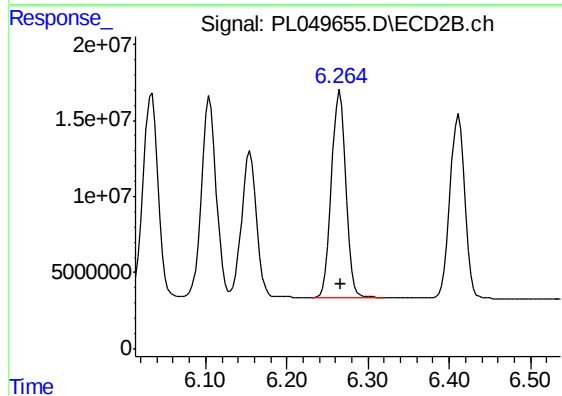
#11 alpha-Chlordane

R.T.: 6.105 min  
Delta R.T.: -0.001 min  
Response: 166175704  
Conc: 47.90 ng/ml



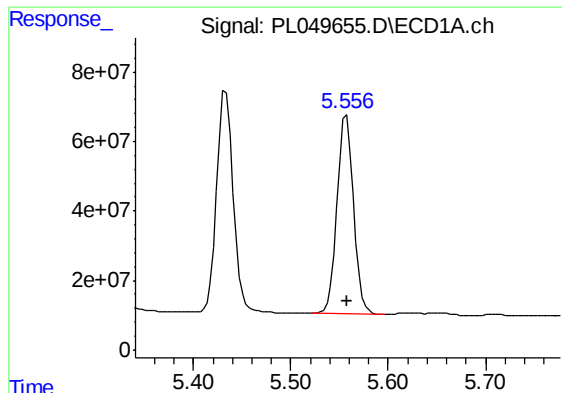
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.002 min  
Response: 739635862  
Conc: 47.29 ng/ml



#12 4,4'-DDE

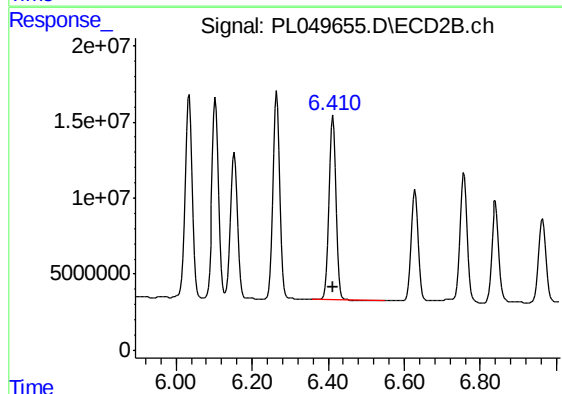
R.T.: 6.265 min  
Delta R.T.: -0.002 min  
Response: 166837400  
Conc: 50.82 ng/ml



#13 Dieldrin

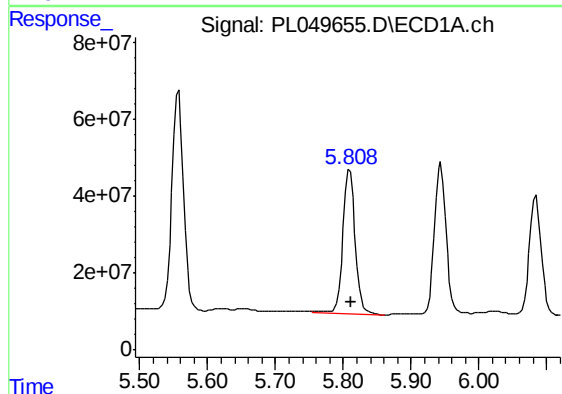
R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 681402705  
Conc: 44.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



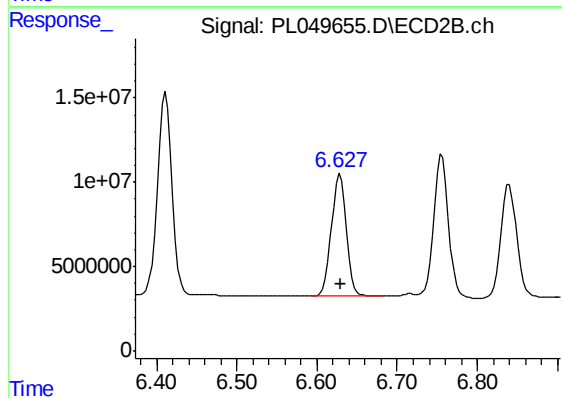
#13 Dieldrin

R.T.: 6.412 min  
Delta R.T.: -0.001 min  
Response: 153496395  
Conc: 45.77 ng/ml



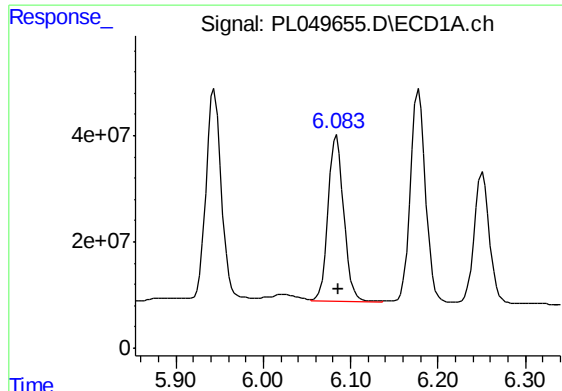
#14 Endrin

R.T.: 5.810 min  
Delta R.T.: -0.001 min  
Response: 478984785  
Conc: 33.21 ng/ml



#14 Endrin

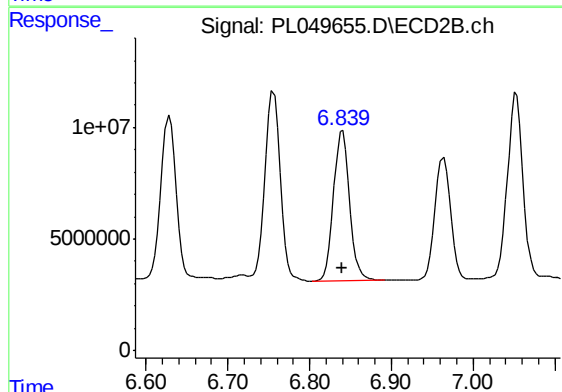
R.T.: 6.629 min  
Delta R.T.: -0.001 min  
Response: 93636381  
Conc: 31.38 ng/ml



#15 Endosulfan II

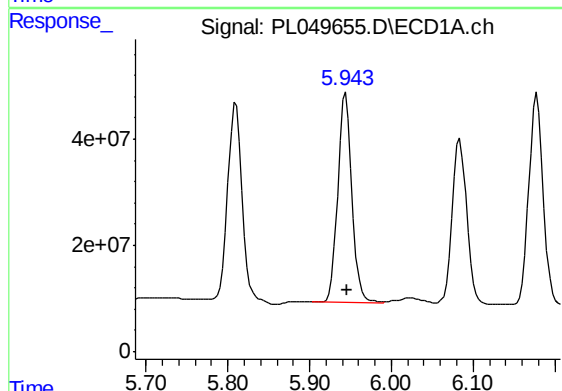
R.T.: 6.084 min  
Delta R.T.: -0.001 min  
Response: 390790538  
Conc: 29.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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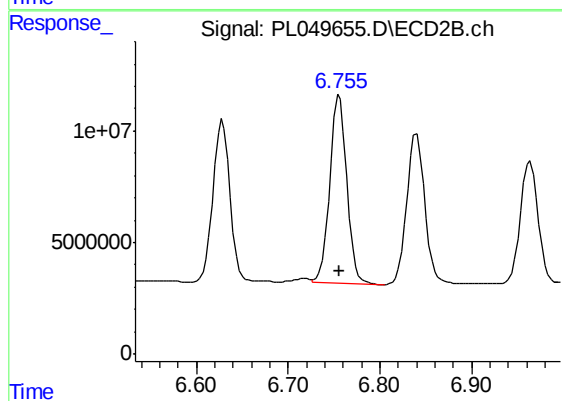
#15 Endosulfan II

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 92267363  
Conc: 30.42 ng/ml



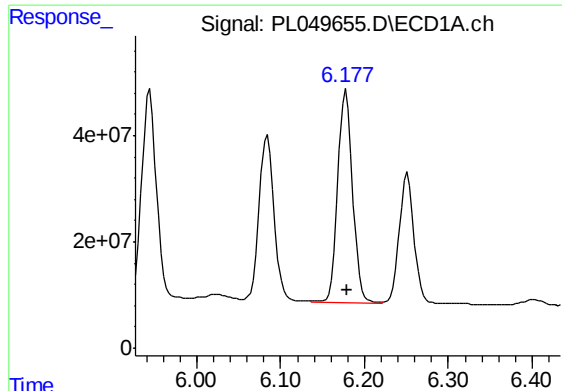
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: -0.001 min  
Response: 479963888  
Conc: 40.33 ng/ml



#16 4,4'-DDD

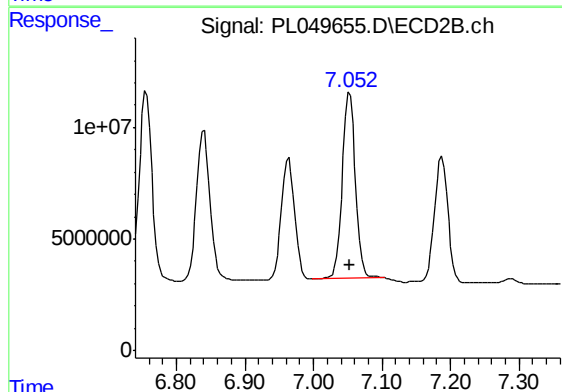
R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 110572551  
Conc: 42.04 ng/ml



#17 4,4'-DDT

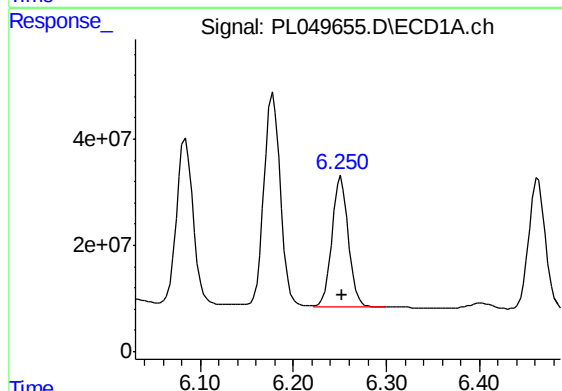
R.T.: 6.178 min  
Delta R.T.: -0.002 min  
Response: 488621779  
Conc: 39.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



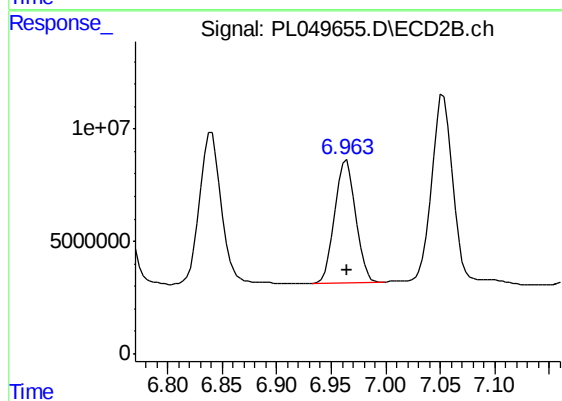
#17 4,4'-DDT

R.T.: 7.053 min  
Delta R.T.: 0.000 min  
Response: 110316609  
Conc: 39.35 ng/ml



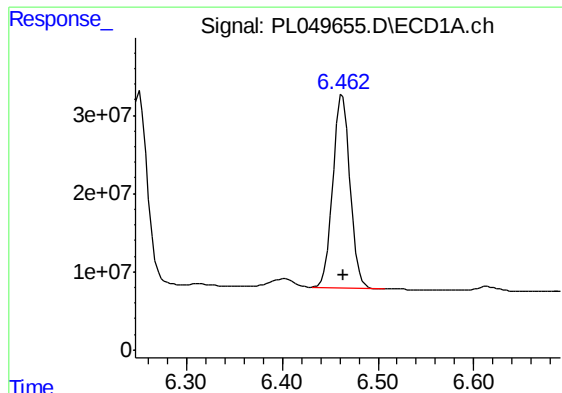
#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 301608726  
Conc: 27.56 ng/ml



#18 Endrin aldehyde

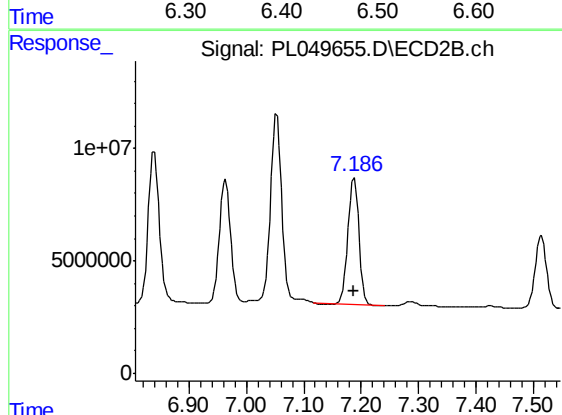
R.T.: 6.964 min  
Delta R.T.: -0.001 min  
Response: 73071606  
Conc: 28.33 ng/ml



#19 Endosulfan Sulfate

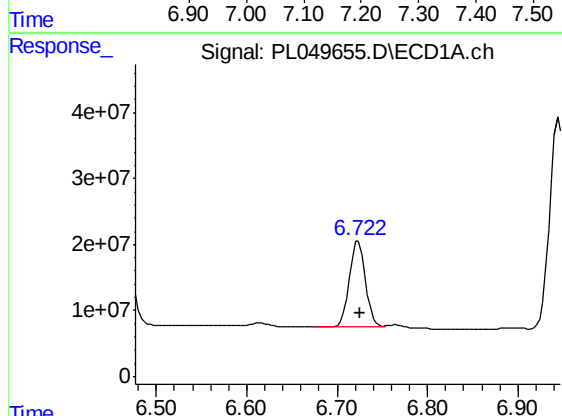
R.T.: 6.463 min  
Delta R.T.: 0.000 min  
Response: 309042255  
Conc: 23.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



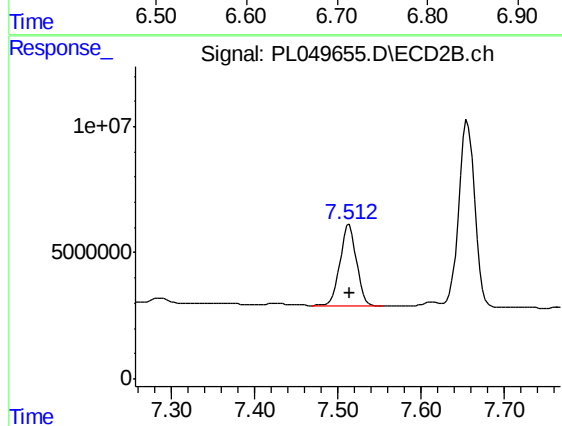
#19 Endosulfan Sulfate

R.T.: 7.188 min  
Delta R.T.: 0.000 min  
Response: 75503660  
Conc: 24.83 ng/ml



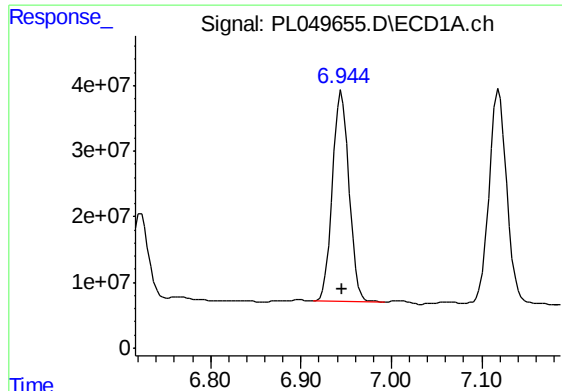
#20 Methoxychlor

R.T.: 6.723 min  
Delta R.T.: -0.001 min  
Response: 159364647  
Conc: 24.85 ng/ml



#20 Methoxychlor

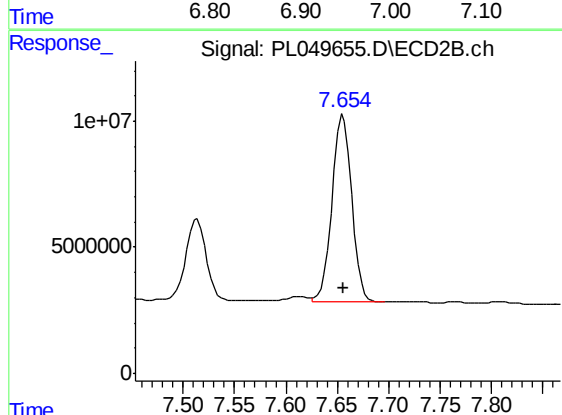
R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 44270987  
Conc: 26.70 ng/ml



#21 Endrin ketone

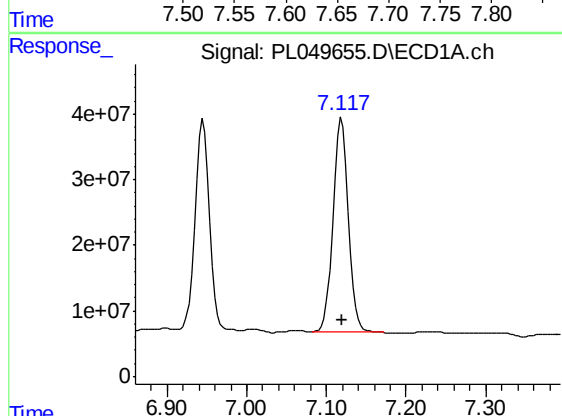
R.T.: 6.945 min  
Delta R.T.: 0.000 min  
Response: 407714441  
Conc: 28.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



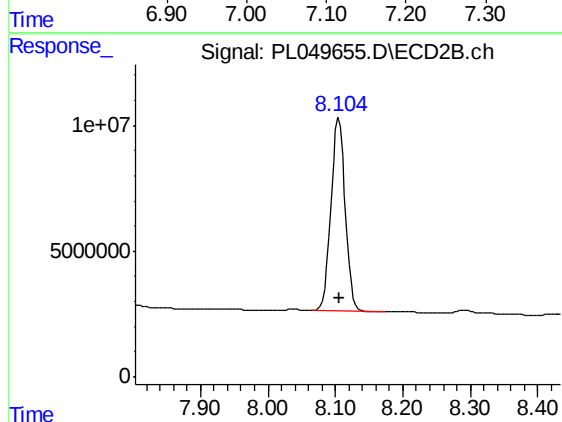
#21 Endrin ketone

R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 99145434  
Conc: 31.17 ng/ml



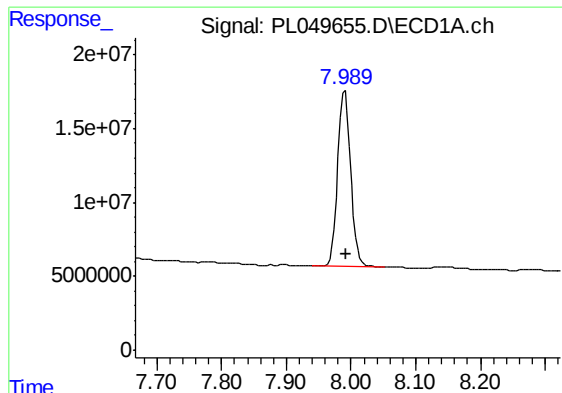
#22 Mirex

R.T.: 7.119 min  
Delta R.T.: -0.001 min  
Response: 442178514  
Conc: 41.97 ng/ml



#22 Mirex

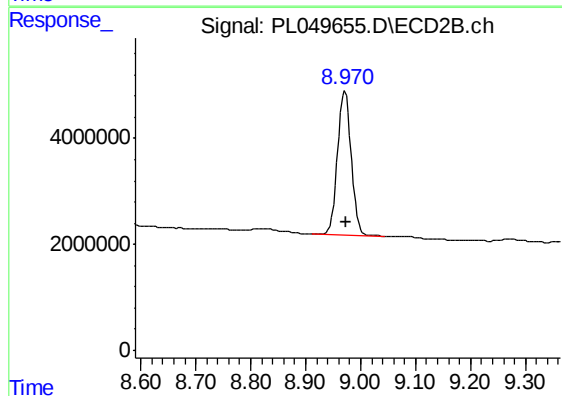
R.T.: 8.105 min  
Delta R.T.: -0.001 min  
Response: 113034226  
Conc: 43.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.990 min  
Delta R.T.: -0.002 min  
Response: 164164230  
Conc: 12.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-084-B045-061319MSD



#28 Decachlorobiphenyl

R.T.: 8.972 min  
Delta R.T.: 0.000 min  
Response: 47299813  
Conc: 14.16 ng/ml