

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051819\  
 Data File : PL048700.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2019 03:56  
 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: May 18 04:32:25 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.327 | 3.939  | 485.4E6 | 132.1E6  | 50.105   | 53.049     |
| 28)                         | SA Decachlor... | 7.995 | 8.976  | 481.0E6 | 135.5E6  | 47.840   | 51.064     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.755 | 4.327  | 803.9E6 | 193.0E6  | 51.973   | 54.957     |
| 3)                          | MA gamma-BHC... | 4.031 | 4.611  | 740.2E6 | 177.3E6  | 52.096   | 54.284     |
| 4)                          | MA Heptachlor   | 4.316 | 5.114  | 740.4E6 | 177.3E6  | 50.325   | 51.222     |
| 5)                          | MB Aldrin       | 4.554 | 5.417  | 714.7E6 | 165.6E6  | 52.161   | 53.484     |
| 6)                          | B beta-BHC      | 4.284 | 4.785  | 303.7E6 | 80823671 | 51.457   | 51.943     |
| 7)                          | B delta-BHC     | 4.478 | 4.999  | 745.6E6 | 169.3E6  | 52.808   | 59.883     |
| 8)                          | B Heptachlor... | 4.991 | 5.803  | 647.2E6 | 157.0E6  | 50.230   | 53.827     |
| 9)                          | A Endosulfan I  | 5.321 | 6.159  | 603.0E6 | 144.2E6  | 50.125   | 50.994     |
| 10)                         | B gamma-Chl...  | 5.213 | 6.037  | 674.3E6 | 158.5E6  | 50.503   | 51.481     |
| 11)                         | B alpha-Chl...  | 5.270 | 6.109  | 652.5E6 | 156.8E6  | 49.913   | 51.104     |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.269  | 588.5E6 | 143.6E6  | 46.395   | 52.028     |
| 13)                         | MA Dieldrin     | 5.560 | 6.415  | 673.4E6 | 151.2E6  | 51.718   | 51.556     |
| 14)                         | MA Endrin       | 5.813 | 6.632  | 555.4E6 | 122.2E6  | 45.620   | 46.856     |
| 15)                         | B Endosulfa...  | 6.089 | 6.843  | 555.2E6 | 134.3E6  | 48.113   | 49.790     |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.759  | 520.9E6 | 124.3E6  | 53.517   | 55.387     |
| 17)                         | MA 4,4'-DDT     | 6.182 | 7.057  | 411.7E6 | 100.7E6  | 40.983   | 42.920     |
| 18)                         | B Endrin al...  | 6.255 | 6.968  | 456.3E6 | 115.3E6  | 46.955   | 49.221     |
| 19)                         | B Endosulfa...  | 6.467 | 7.191  | 503.0E6 | 126.8E6  | 46.868   | 48.980     |
| 20)                         | A Methoxychlor  | 6.728 | 7.517  | 269.6E6 | 72295814 | 49.522   | 52.957     |
| 21)                         | B Endrin ke...  | 6.949 | 7.659  | 579.0E6 | 139.0E6  | 49.677   | 53.201     |
| 22)                         | Mirex           | 7.123 | 8.109  | 392.2E6 | 104.5E6  | 43.749   | 49.564     |
| 24)                         | Chlordane-2     | 0.000 | 5.417f | 0       | 165.6E6  | N.D.     | 1280.514 # |
| 25)                         | Chlordane-3     | 5.213 | 6.037  | 674.3E6 | 158.5E6  | 428.266  | 361.661    |
| 26)                         | Chlordane-4     | 5.270 | 6.109  | 652.5E6 | 156.8E6  | 449.466  | 298.896 #  |
| 27)                         | Chlordane-5     | 6.089 | 0.000  | 555.2E6 | 0        | 1182.498 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

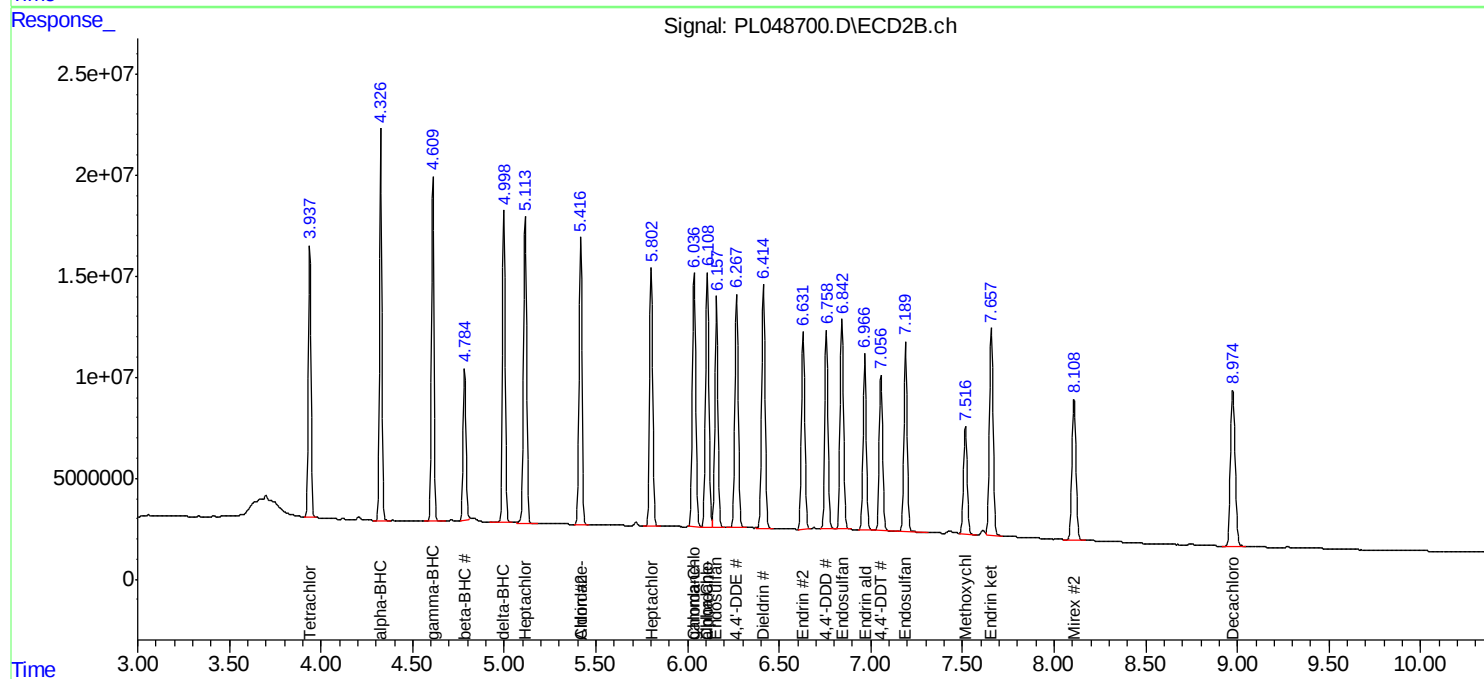
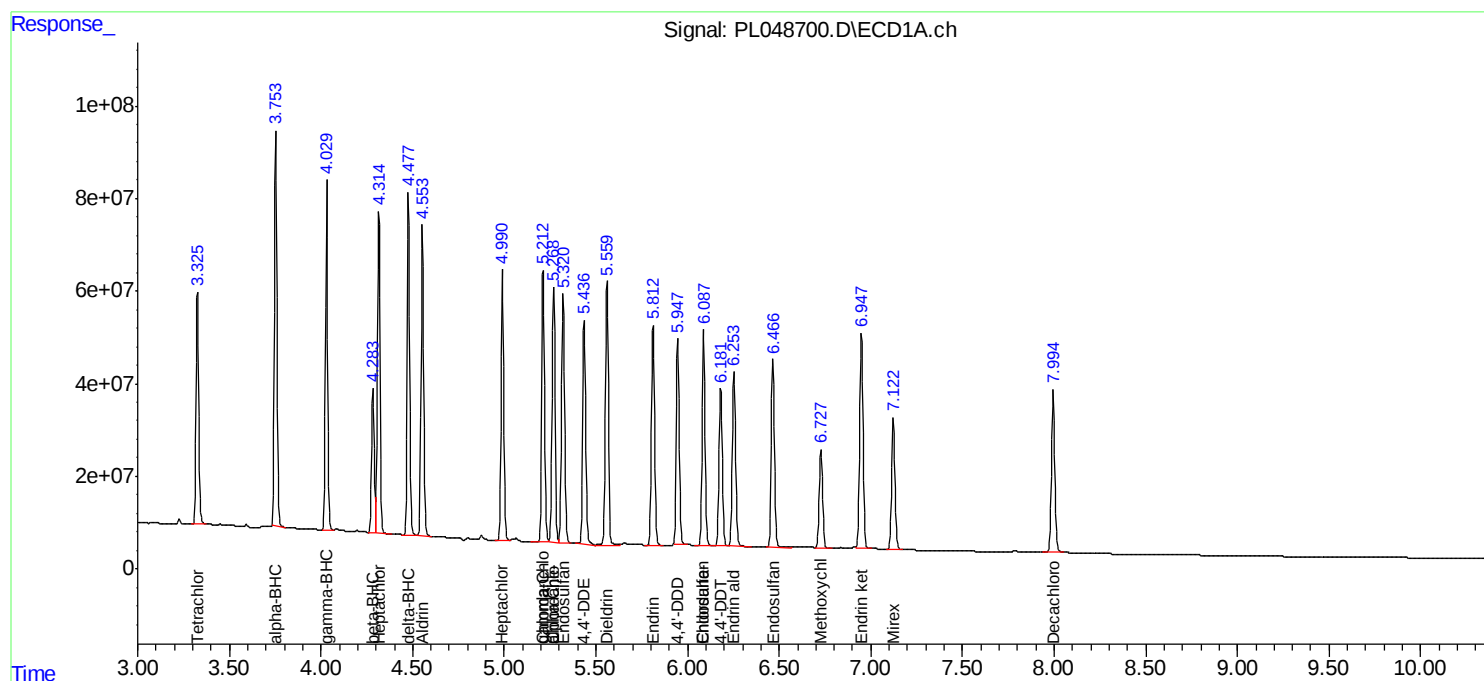
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

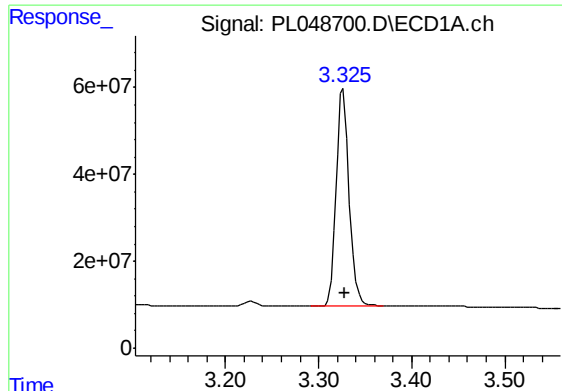
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051819\  
Data File : PL048700.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 May 2019 03:56  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 04:32:25 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 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

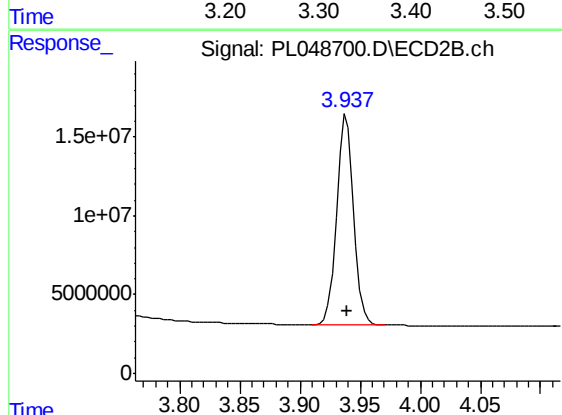




#1 Tetrachloro-m-xylene

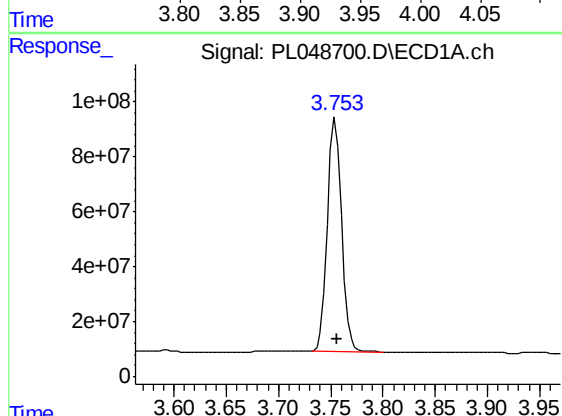
R.T.: 3.327 min  
Delta R.T.: -0.001 min  
Response: 485355461  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



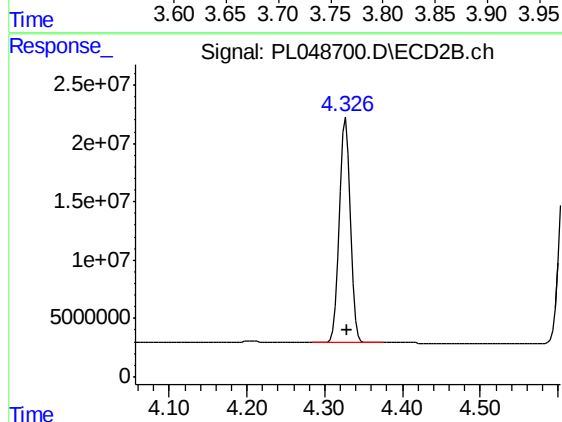
#1 Tetrachloro-m-xylene

R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 132139858  
Conc: 53.05 ng/ml



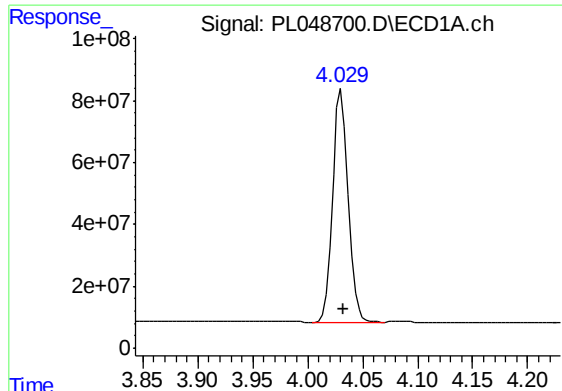
#2 alpha-BHC

R.T.: 3.755 min  
Delta R.T.: -0.001 min  
Response: 803893497  
Conc: 51.97 ng/ml



#2 alpha-BHC

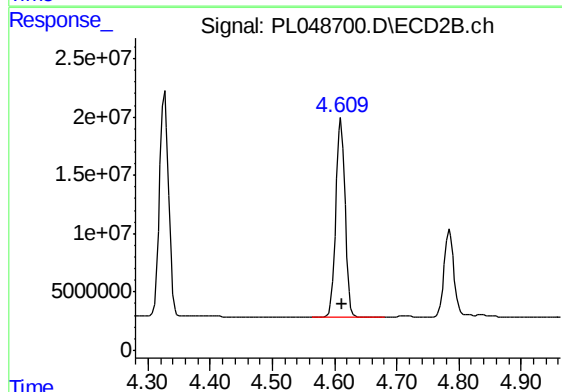
R.T.: 4.327 min  
Delta R.T.: -0.001 min  
Response: 193010134  
Conc: 54.96 ng/ml



#3 gamma-BHC (Lindane)

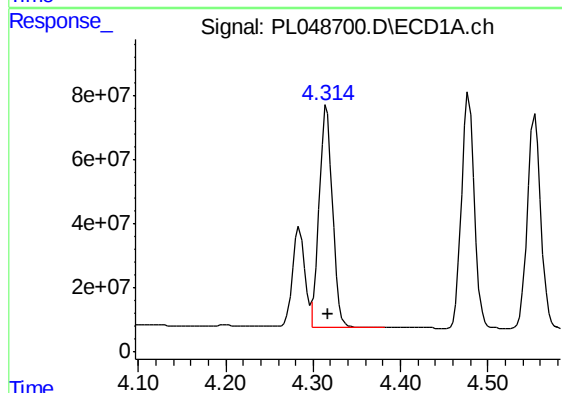
R.T.: 4.031 min  
Delta R.T.: -0.001 min  
Response: 740237379  
Conc: 52.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



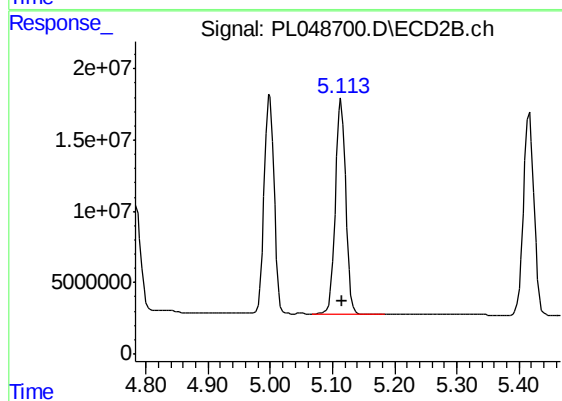
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: -0.001 min  
Response: 177300328  
Conc: 54.28 ng/ml



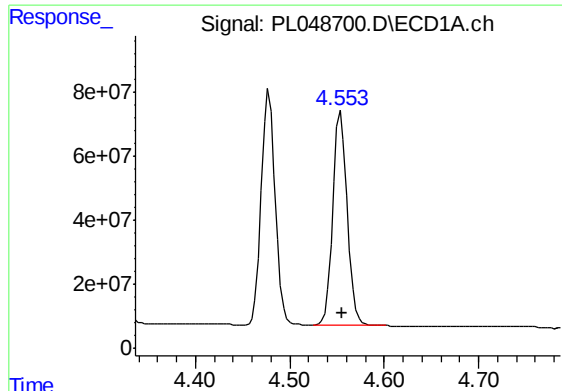
#4 Heptachlor

R.T.: 4.316 min  
Delta R.T.: -0.001 min  
Response: 740376438  
Conc: 50.32 ng/ml



#4 Heptachlor

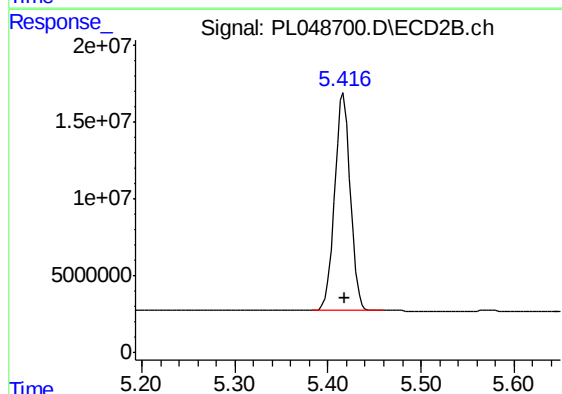
R.T.: 5.114 min  
Delta R.T.: -0.002 min  
Response: 177322362  
Conc: 51.22 ng/ml



#5 Aldrin

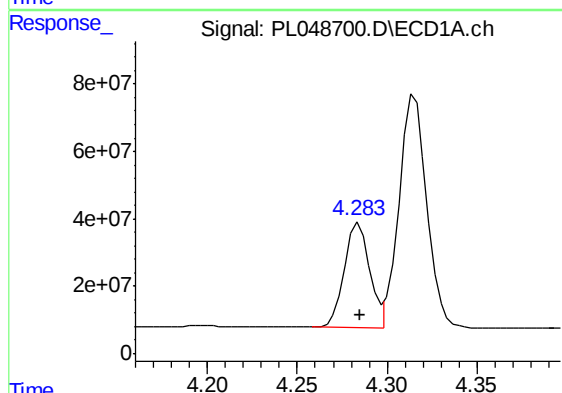
R.T.: 4.554 min  
Delta R.T.: -0.002 min  
Response: 714692633  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



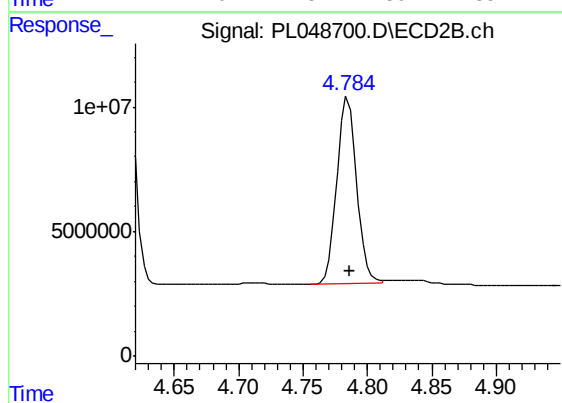
#5 Aldrin

R.T.: 5.417 min  
Delta R.T.: -0.001 min  
Response: 165620094  
Conc: 53.48 ng/ml



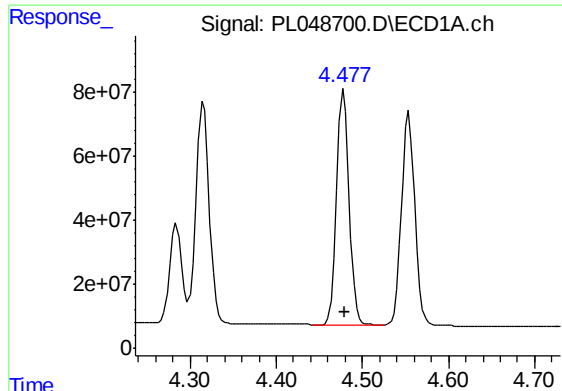
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: 0.000 min  
Response: 303675961  
Conc: 51.46 ng/ml



#6 beta-BHC

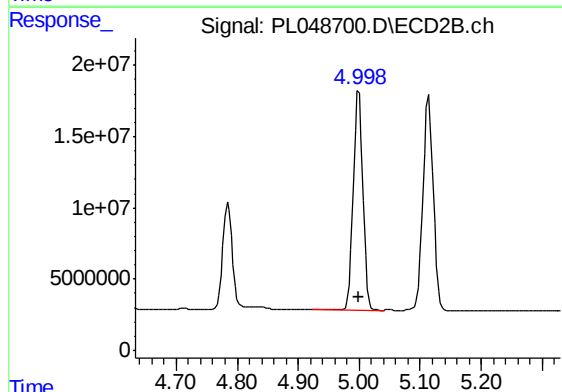
R.T.: 4.785 min  
Delta R.T.: -0.001 min  
Response: 80823671  
Conc: 51.94 ng/ml



#7 delta-BHC

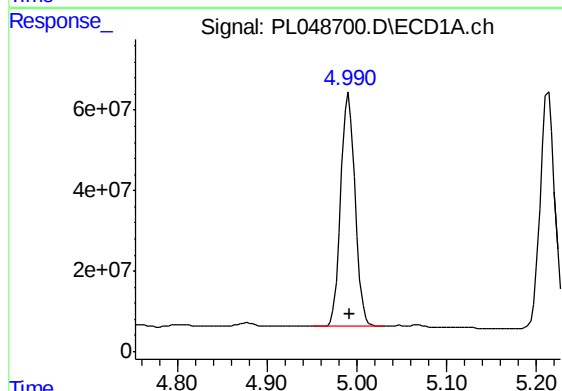
R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 745575902  
Conc: 52.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



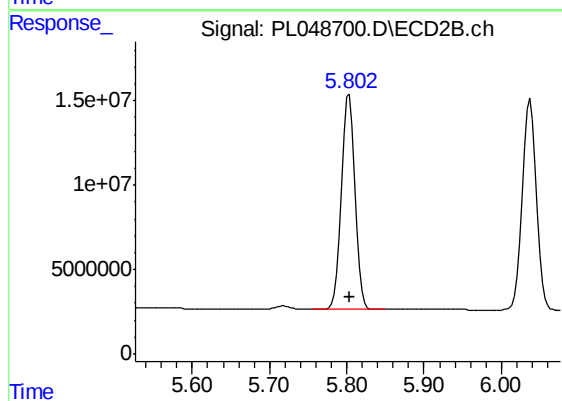
#7 delta-BHC

R.T.: 4.999 min  
Delta R.T.: 0.000 min  
Response: 169341531  
Conc: 59.88 ng/ml



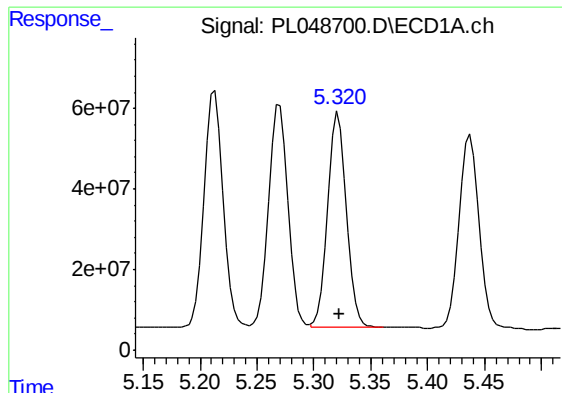
#8 Heptachlor epoxide

R.T.: 4.991 min  
Delta R.T.: 0.000 min  
Response: 647199352  
Conc: 50.23 ng/ml



#8 Heptachlor epoxide

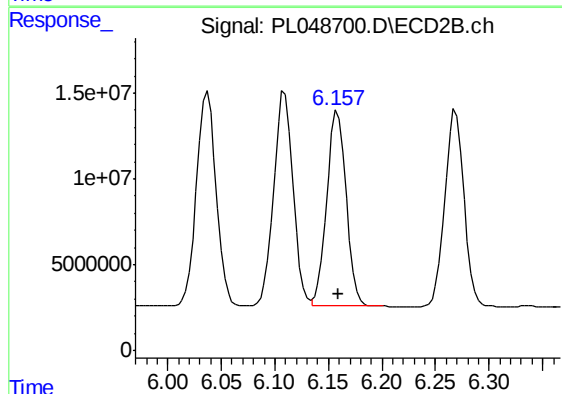
R.T.: 5.803 min  
Delta R.T.: -0.001 min  
Response: 156997854  
Conc: 53.83 ng/ml



#9 Endosulfan I

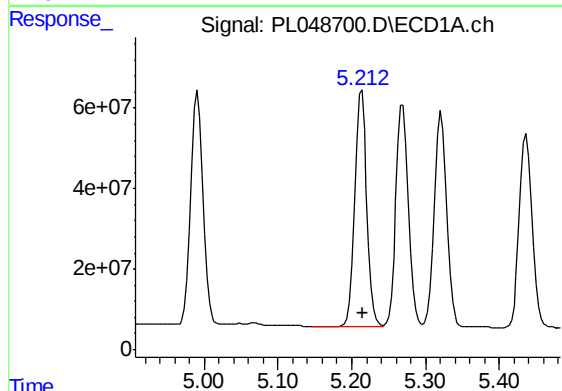
R.T.: 5.321 min  
Delta R.T.: -0.001 min  
Response: 603000554  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



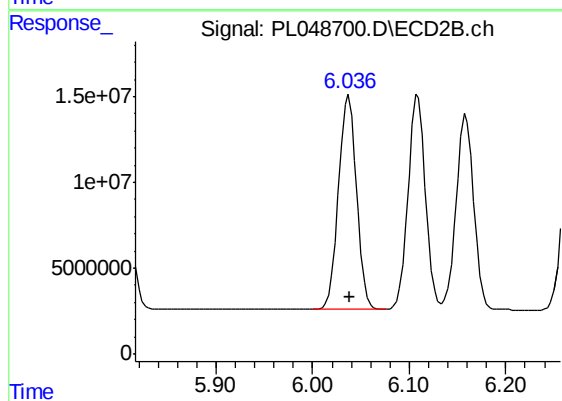
#9 Endosulfan I

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 144185362  
Conc: 50.99 ng/ml



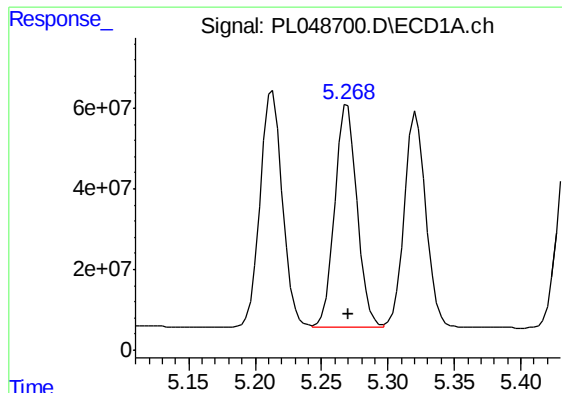
#10 gamma-Chlordane

R.T.: 5.213 min  
Delta R.T.: -0.002 min  
Response: 674328846  
Conc: 50.50 ng/ml



#10 gamma-Chlordane

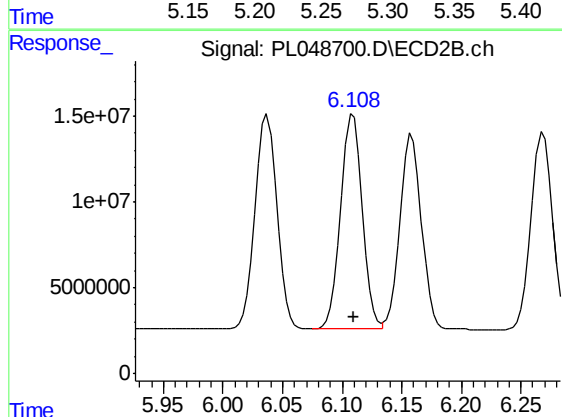
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 158490784  
Conc: 51.48 ng/ml



#11 alpha-Chlordane

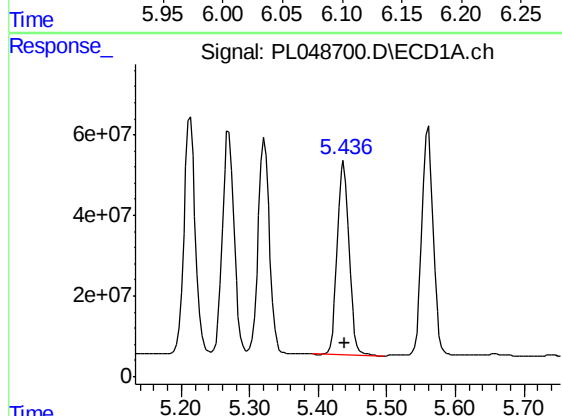
R.T.: 5.270 min  
Delta R.T.: -0.001 min  
Response: 652544851  
Conc: 49.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



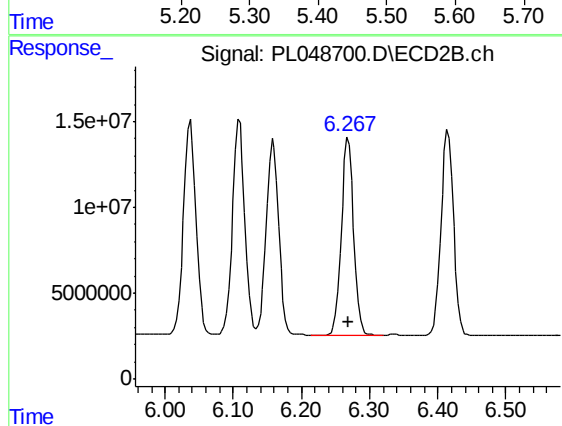
#11 alpha-Chlordane

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 156800812  
Conc: 51.10 ng/ml



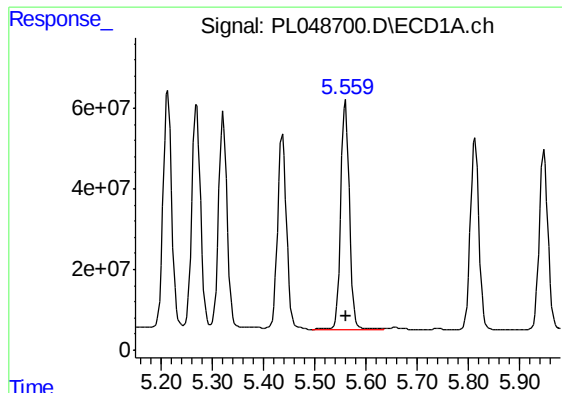
#12 4,4'-DDE

R.T.: 5.437 min  
Delta R.T.: -0.002 min  
Response: 588535670  
Conc: 46.40 ng/ml



#12 4,4'-DDE

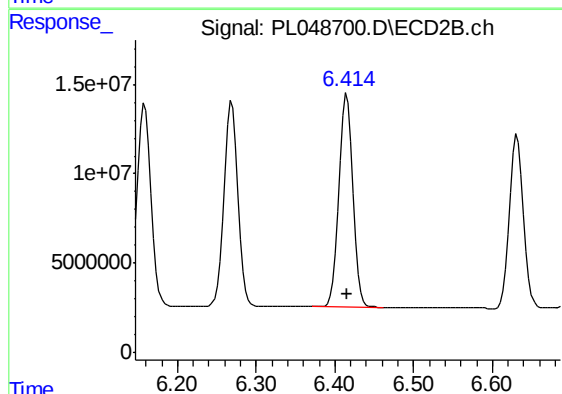
R.T.: 6.269 min  
Delta R.T.: 0.000 min  
Response: 143644995  
Conc: 52.03 ng/ml



#13 Dieldrin

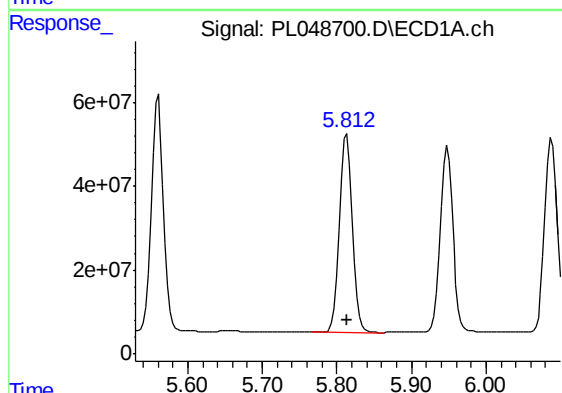
R.T.: 5.560 min  
Delta R.T.: -0.002 min  
Response: 673405356  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



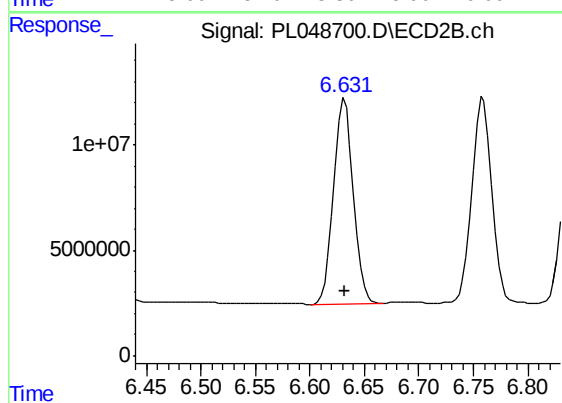
#13 Dieldrin

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 151249197  
Conc: 51.56 ng/ml



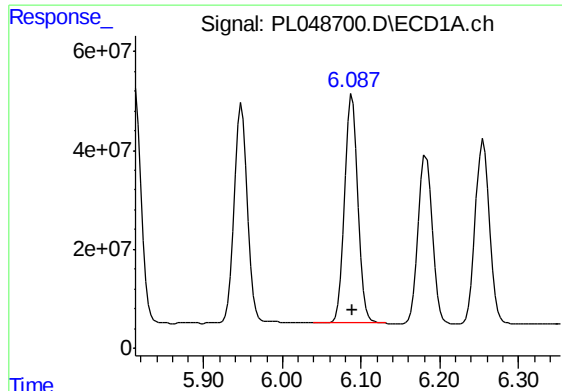
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: 0.000 min  
Response: 555375096  
Conc: 45.62 ng/ml



#14 Endrin

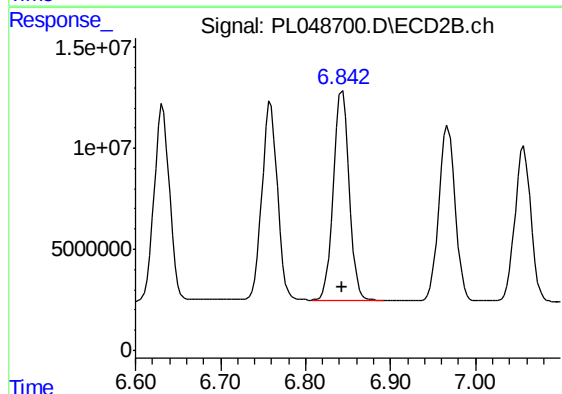
R.T.: 6.632 min  
Delta R.T.: 0.000 min  
Response: 122171645  
Conc: 46.86 ng/ml



#15 Endosulfan II

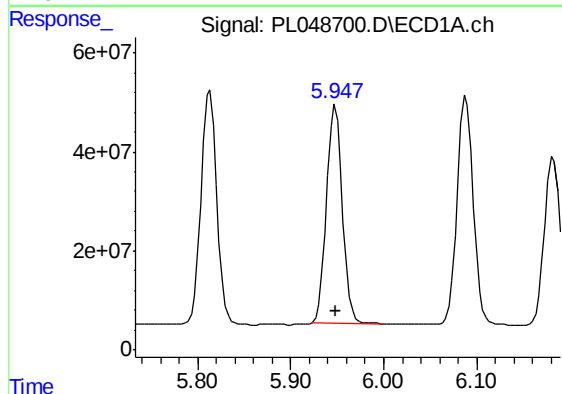
R.T.: 6.089 min  
Delta R.T.: 0.000 min  
Response: 555249217  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



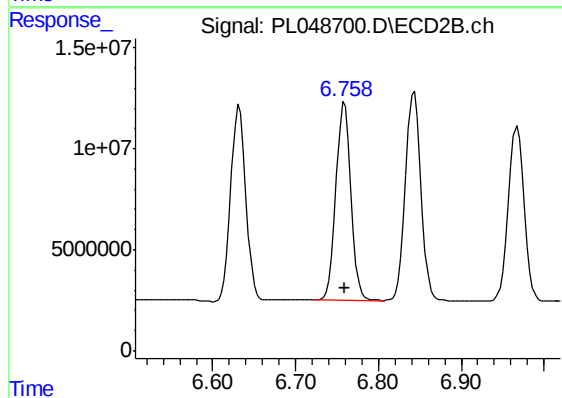
#15 Endosulfan II

R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 134263269  
Conc: 49.79 ng/ml



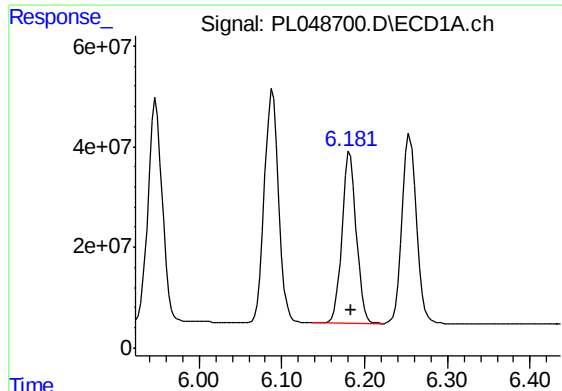
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 520938758  
Conc: 53.52 ng/ml



#16 4,4'-DDD

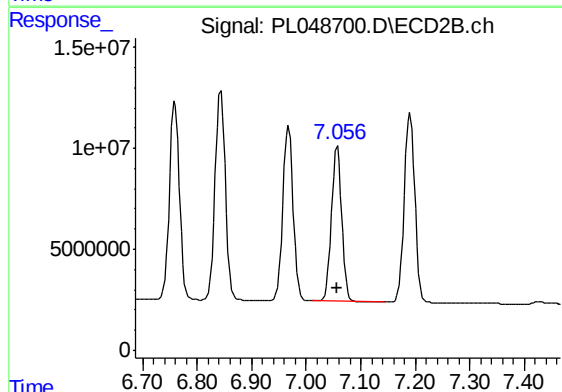
R.T.: 6.759 min  
Delta R.T.: 0.000 min  
Response: 124291748  
Conc: 55.39 ng/ml



#17 4,4'-DDT

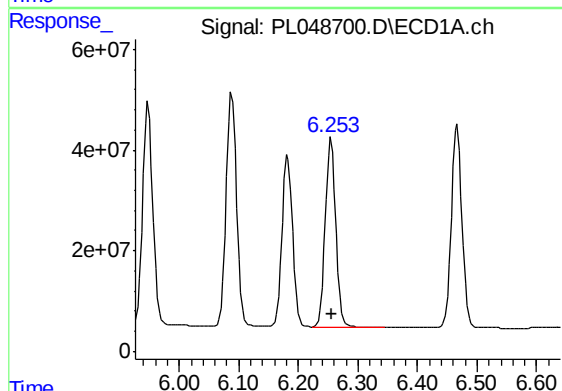
R.T.: 6.182 min  
Delta R.T.: -0.001 min  
Response: 411737745  
Conc: 40.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



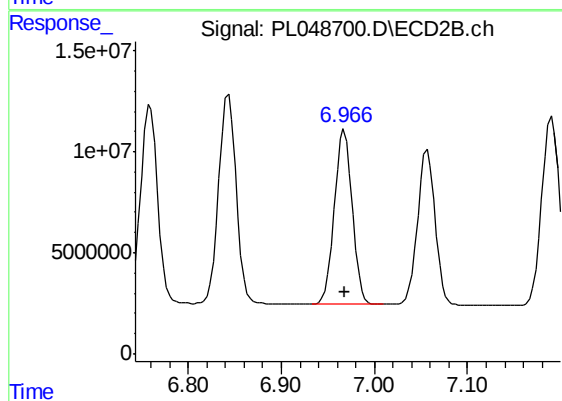
#17 4,4'-DDT

R.T.: 7.057 min  
Delta R.T.: 0.000 min  
Response: 100716239  
Conc: 42.92 ng/ml



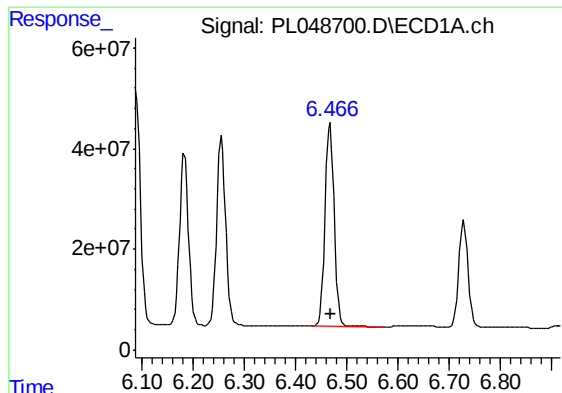
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.001 min  
Response: 456325727  
Conc: 46.96 ng/ml



#18 Endrin aldehyde

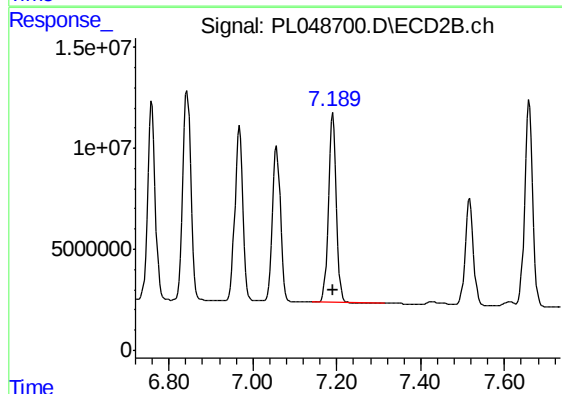
R.T.: 6.968 min  
Delta R.T.: 0.000 min  
Response: 115347341  
Conc: 49.22 ng/ml



#19 Endosulfan Sulfate

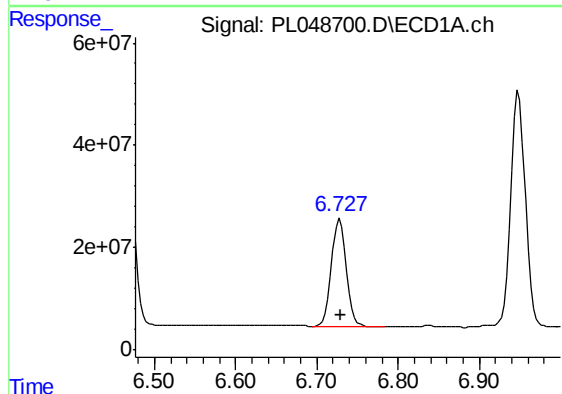
R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 503018191  
Conc: 46.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



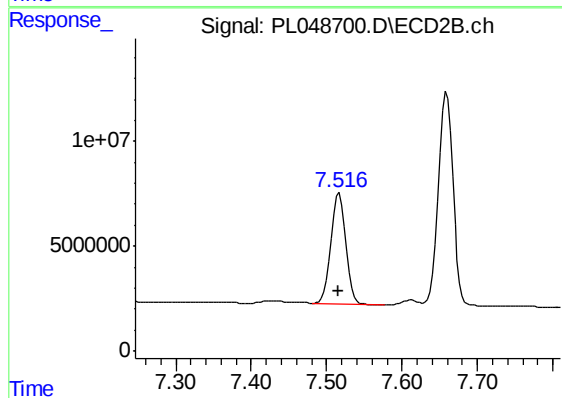
#19 Endosulfan Sulfate

R.T.: 7.191 min  
Delta R.T.: 0.000 min  
Response: 126770282  
Conc: 48.98 ng/ml



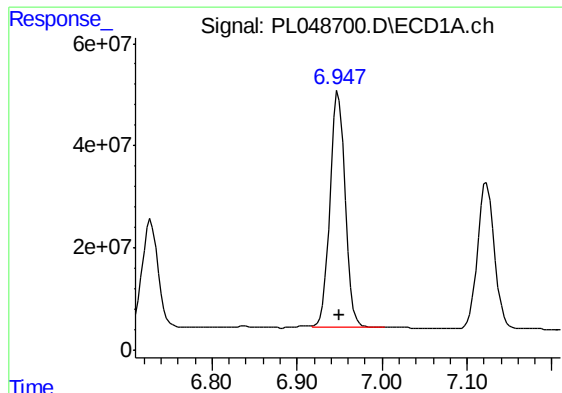
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 269633225  
Conc: 49.52 ng/ml



#20 Methoxychlor

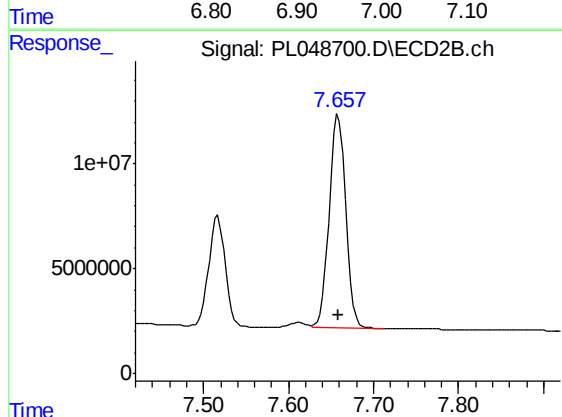
R.T.: 7.517 min  
Delta R.T.: 0.000 min  
Response: 72295814  
Conc: 52.96 ng/ml



#21 Endrin ketone

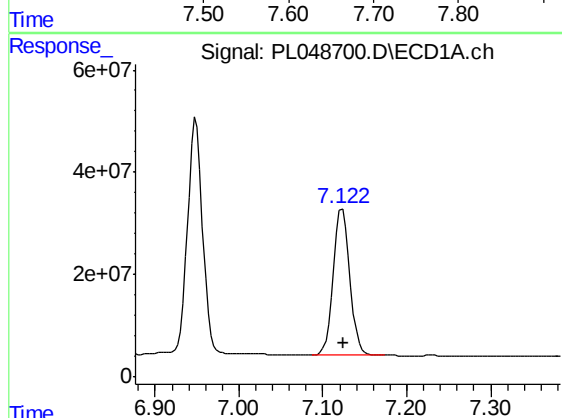
R.T.: 6.949 min  
Delta R.T.: 0.000 min  
Response: 578984370  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



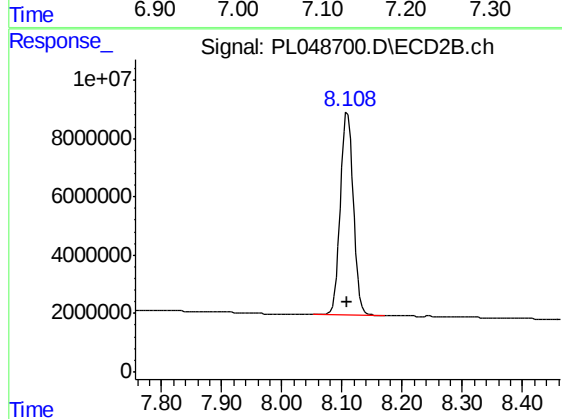
#21 Endrin ketone

R.T.: 7.659 min  
Delta R.T.: 0.000 min  
Response: 139002047  
Conc: 53.20 ng/ml



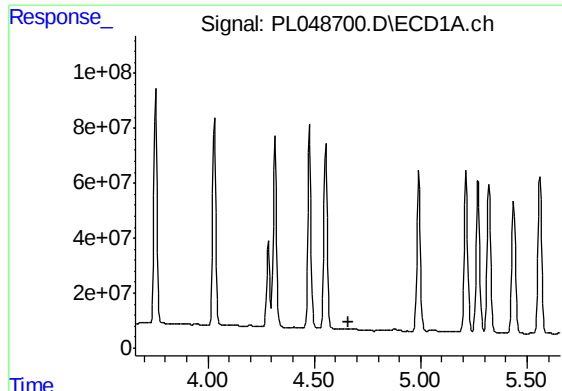
#22 Mirex

R.T.: 7.123 min  
Delta R.T.: 0.000 min  
Response: 392162099  
Conc: 43.75 ng/ml



#22 Mirex

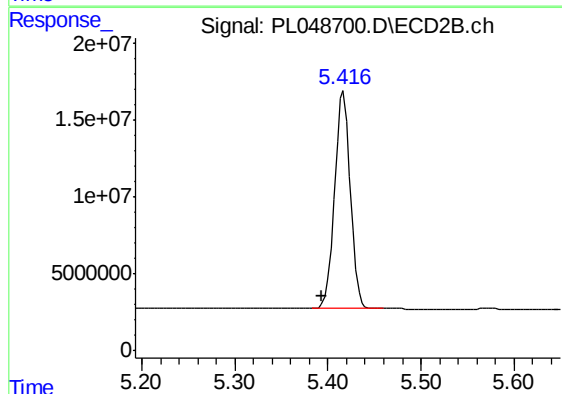
R.T.: 8.109 min  
Delta R.T.: 0.000 min  
Response: 104524830  
Conc: 49.56 ng/ml



#24 Chlordane-2

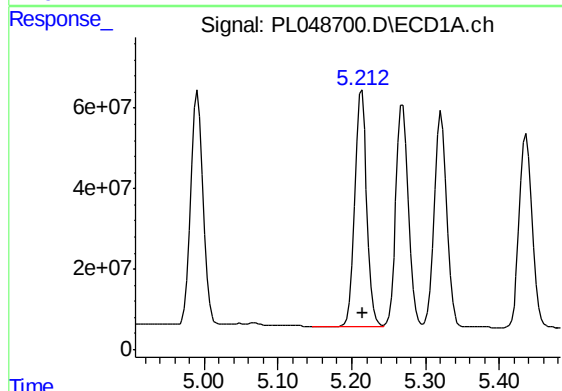
R.T.: 0.000 min  
Exp R.T.: 4.658 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



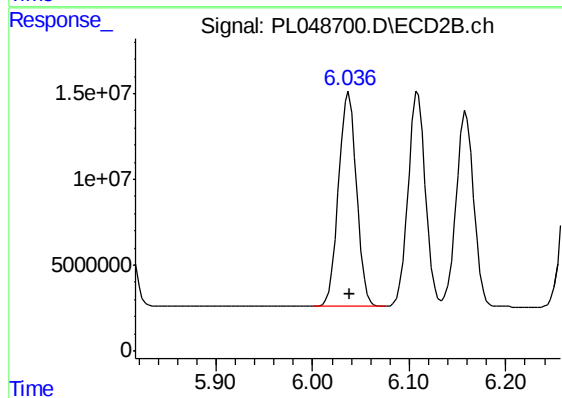
#24 Chlordane-2

R.T.: 5.417 min  
Delta R.T.: 0.023 min  
Response: 165620094  
Conc: 1280.51 ng/ml



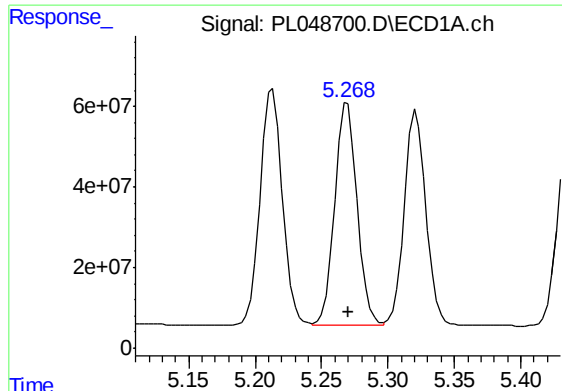
#25 Chlordane-3

R.T.: 5.213 min  
Delta R.T.: -0.002 min  
Response: 674328846  
Conc: 428.27 ng/ml



#25 Chlordane-3

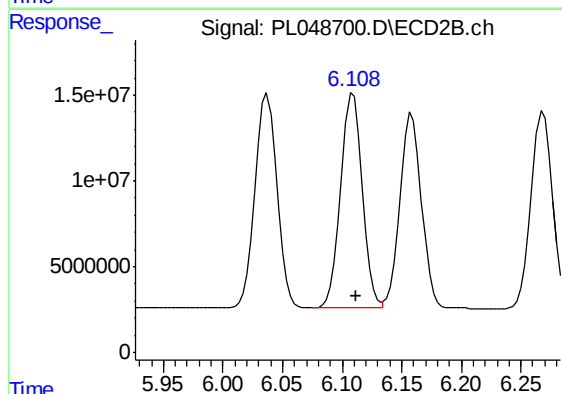
R.T.: 6.037 min  
Delta R.T.: 0.000 min  
Response: 158490784  
Conc: 361.66 ng/ml



#26 Chlordane-4

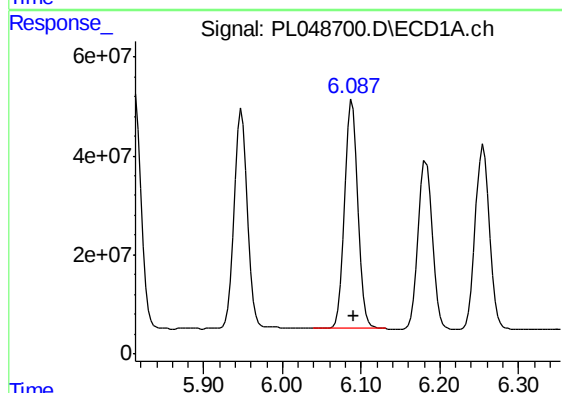
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 652544851  
Conc: 449.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



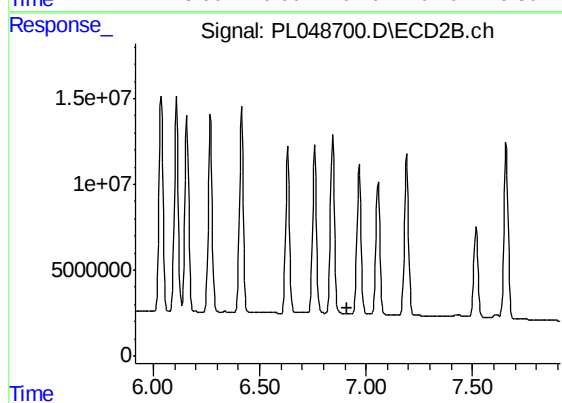
#26 Chlordane-4

R.T.: 6.109 min  
Delta R.T.: -0.002 min  
Response: 156800812  
Conc: 298.90 ng/ml



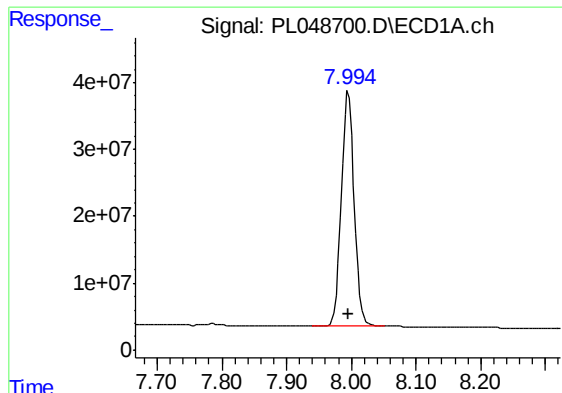
#27 Chlordane-5

R.T.: 6.089 min  
Delta R.T.: -0.003 min  
Response: 555249217  
Conc: 1182.50 ng/ml



#27 Chlordane-5

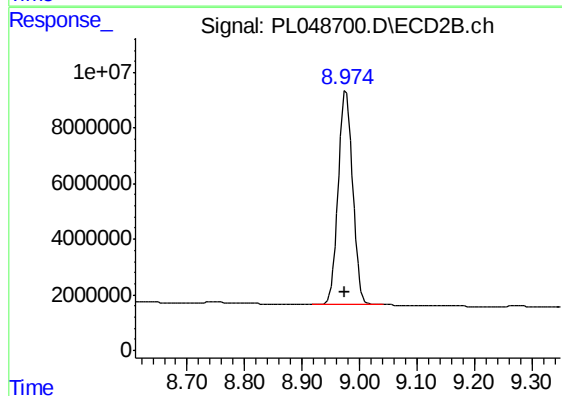
R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.995 min  
Delta R.T.: 0.000 min  
Response: 480988904  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.976 min  
Delta R.T.: 0.000 min  
Response: 135539996  
Conc: 51.06 ng/ml