

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091520\  
 Data File : PL061492.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Sep 2020 21:15  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 03:44:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 09 01:27:38 2020  
 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... | 3.459 | 4.008  | 83574022 | 151.3E6  | 48.457   | 49.194     |
| 28)                         | SA Decachlor... | 8.209 | 9.093  | 69887256 | 107.2E6  | 41.891   | 45.355     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.397  | 125.0E6  | 230.9E6  | 48.858   | 49.994     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.683  | 112.2E6  | 211.6E6  | 49.163   | 49.329     |
| 4)                          | MA Heptachlor   | 4.480 | 5.193  | 103.3E6  | 190.6E6  | 48.141   | 48.744     |
| 5)                          | MB Aldrin       | 4.727 | 5.499  | 92717519 | 179.2E6  | 48.291   | 47.413     |
| 6)                          | B beta-BHC      | 4.429 | 4.853  | 46830927 | 86813218 | 48.752   | 49.712     |
| 7)                          | B delta-BHC     | 4.633 | 5.071  | 106.7E6  | 182.9E6  | 49.247   | 57.348     |
| 8)                          | B Heptachlor... | 5.170 | 5.886  | 89028739 | 158.9E6  | 47.781   | 53.216     |
| 9)                          | A Endosulfan I  | 5.508 | 6.244  | 82181324 | 151.5E6  | 47.768   | 47.228     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.121  | 87813568 | 164.2E6  | 47.401   | 47.635     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.194  | 87932133 | 164.0E6  | 47.467   | 47.138     |
| 12)                         | B 4,4'-DDE      | 5.620 | 6.351  | 79772729 | 151.1E6  | 46.913   | 47.152     |
| 13)                         | MA Dieldrin     | 5.751 | 6.502  | 85163555 | 155.5E6  | 47.445   | 47.441     |
| 14)                         | MA Endrin       | 6.008 | 6.720  | 74118715 | 122.5E6  | 44.104   | 43.823     |
| 15)                         | B Endosulfa...  | 6.280 | 6.930  | 78214316 | 129.0E6  | 45.717   | 43.656     |
| 16)                         | A 4,4'-DDD      | 6.135 | 6.843  | 69472134 | 120.0E6  | 48.072   | 46.734     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.143  | 62987691 | 107.1E6  | 45.873   | 42.793     |
| 18)                         | B Endrin al...  | 6.449 | 7.054  | 67396991 | 109.7E6  | 45.783   | 44.832     |
| 19)                         | B Endosulfa...  | 6.661 | 7.278  | 76372659 | 120.7E6  | 46.404   | 44.131     |
| 20)                         | A Methoxychlor  | 6.922 | 7.603  | 38143613 | 60139191 | 44.557   | 41.808     |
| 21)                         | B Endrin ke...  | 7.151 | 7.750  | 86645278 | 126.0E6  | 47.381   | 46.408     |
| 22)                         | Mirex           | 7.340 | 8.205  | 64103486 | 82698606 | 42.871   | 42.948     |
| 24)                         | Chlordane-2     | 0.000 | 5.499f | 0        | 179.2E6  | N.D.     | 1466.819 # |
| 25)                         | Chlordane-3     | 5.397 | 6.121  | 87813568 | 164.2E6  | 529.486  | 380.156 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.194  | 87932133 | 164.0E6  | 638.829  | 313.374 #  |
| 27)                         | Chlordane-5     | 6.280 | 0.000  | 78214316 | 0        | 1391.545 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

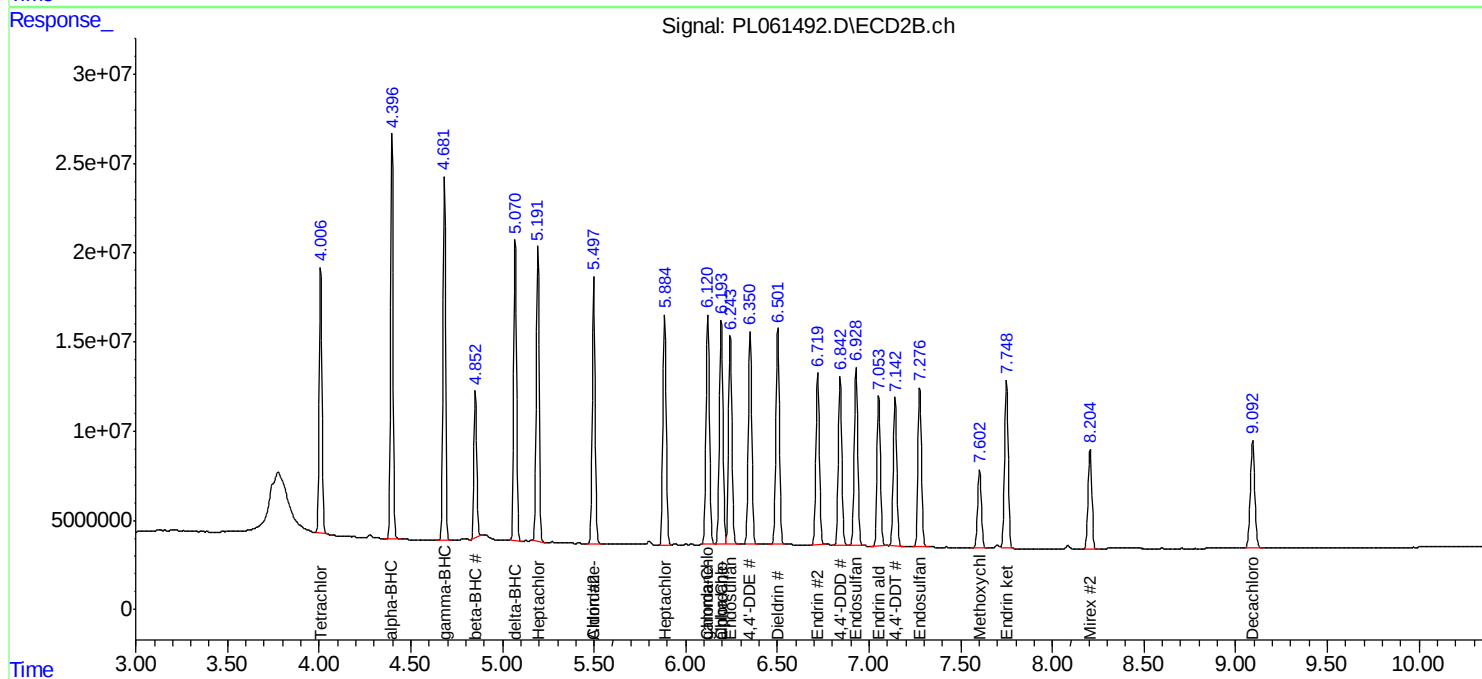
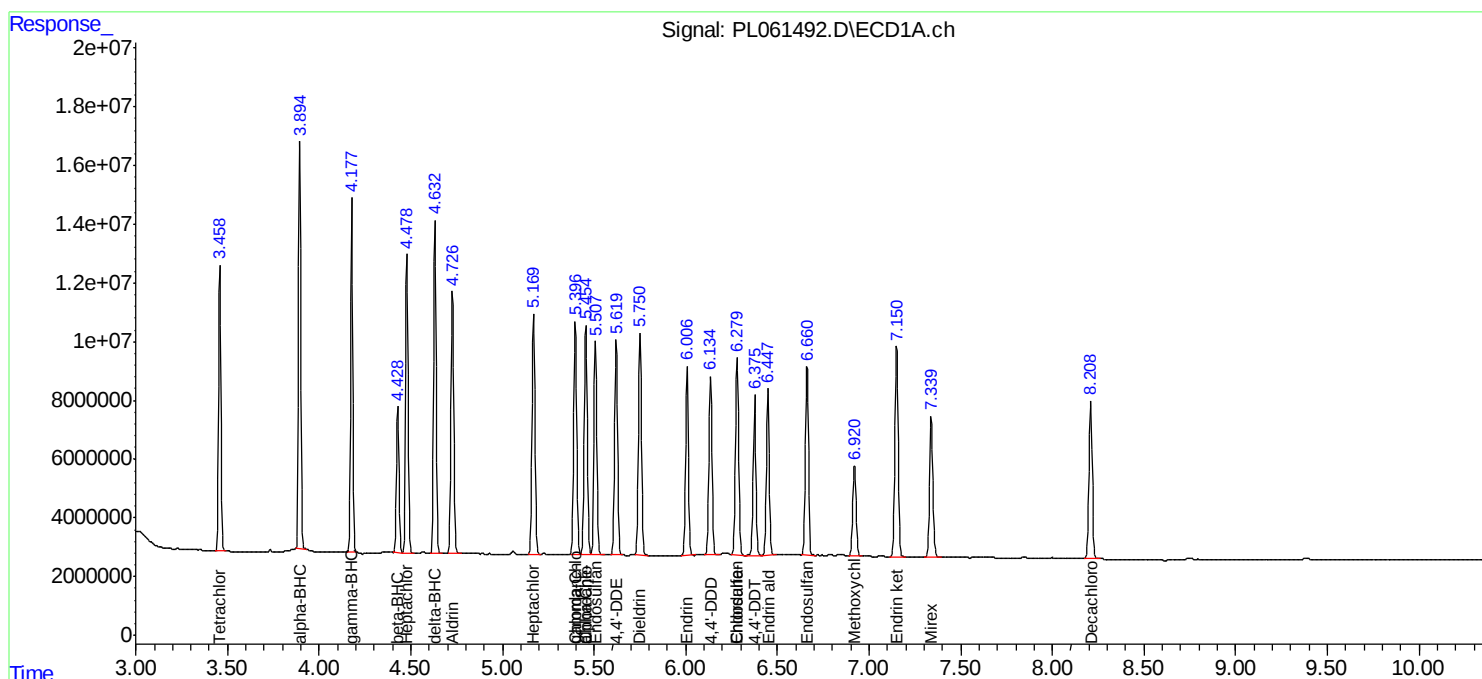
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

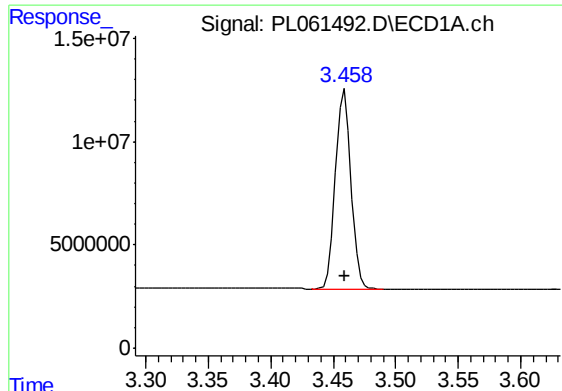
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091520\  
Data File : PL061492.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Sep 2020 21:15  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 03:44:15 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090820.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 09 01:27:38 2020  
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

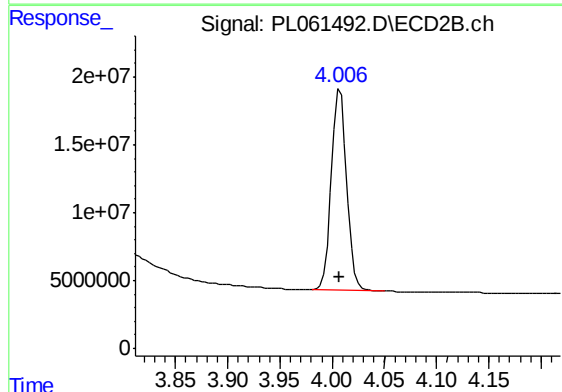




#1 Tetrachloro-m-xylene

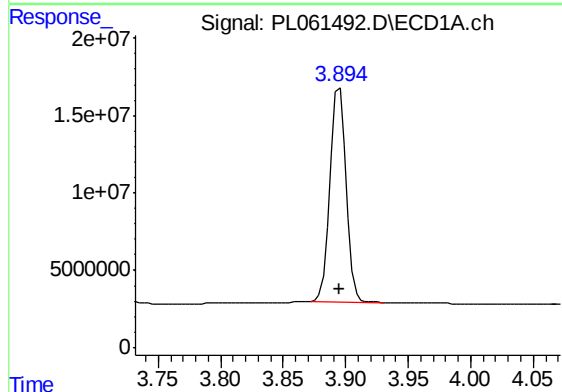
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 83574022  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



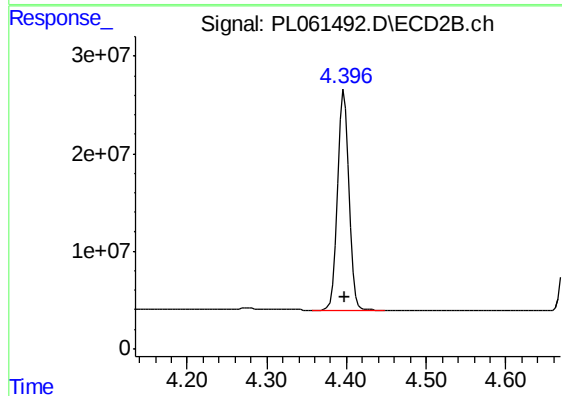
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 151319938  
Conc: 49.19 ng/ml



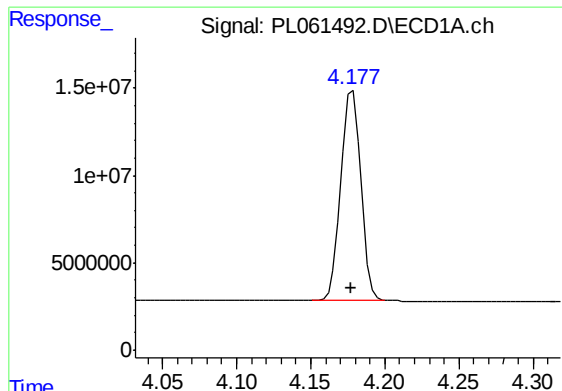
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 125034298  
Conc: 48.86 ng/ml



#2 alpha-BHC

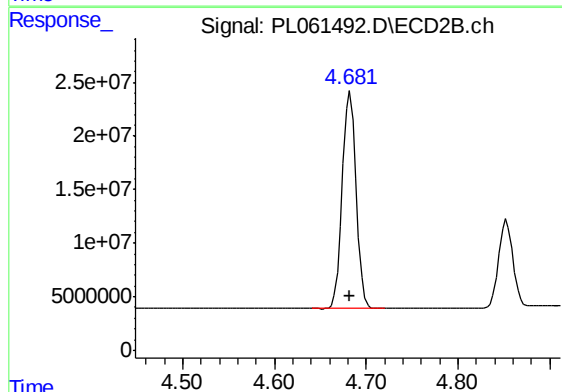
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 230878162  
Conc: 49.99 ng/ml



#3 gamma-BHC (Lindane)

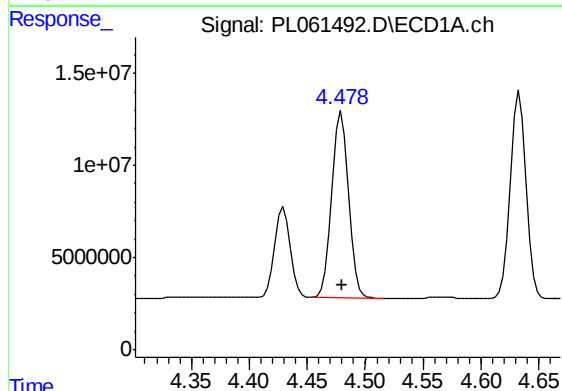
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 112207697  
Conc: 49.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



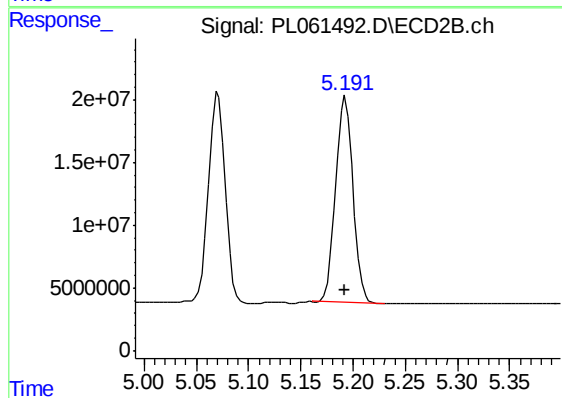
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 211637300  
Conc: 49.33 ng/ml



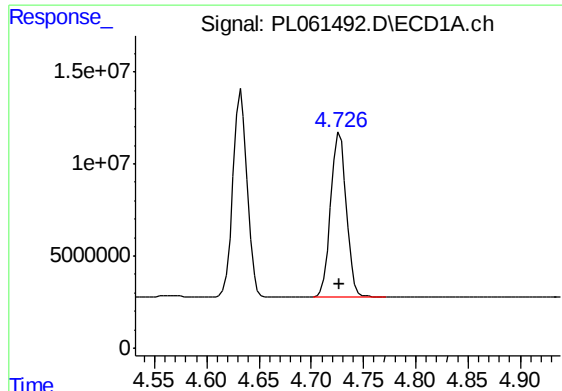
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 103286444  
Conc: 48.14 ng/ml



#4 Heptachlor

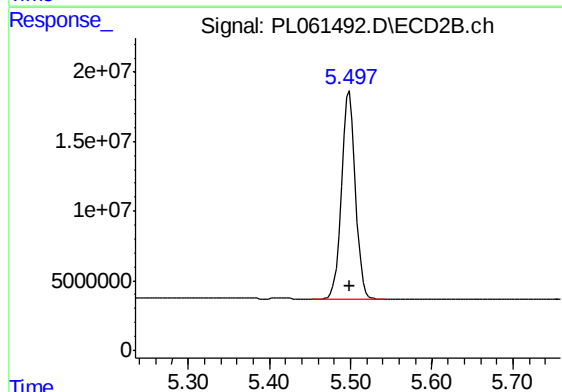
R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 190552147  
Conc: 48.74 ng/ml



#5 Aldrin

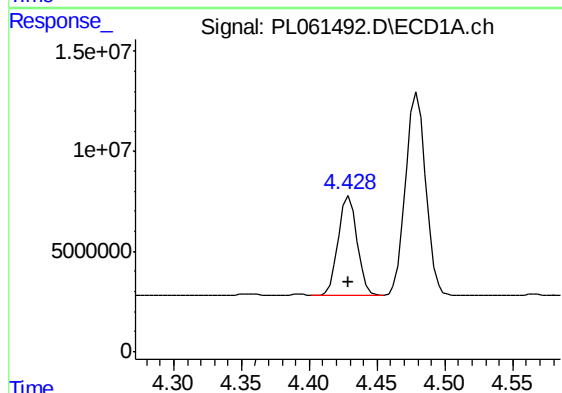
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 92717519  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



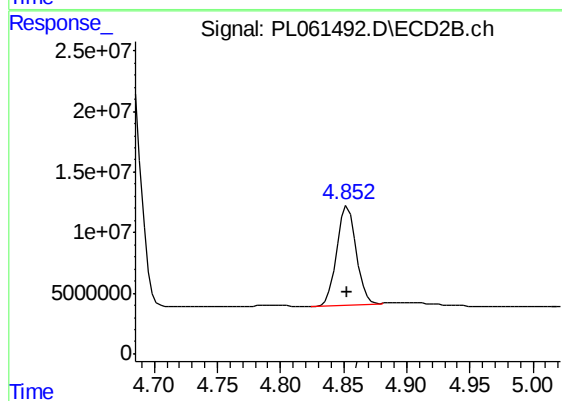
#5 Aldrin

R.T.: 5.499 min  
Delta R.T.: 0.000 min  
Response: 179153073  
Conc: 47.41 ng/ml



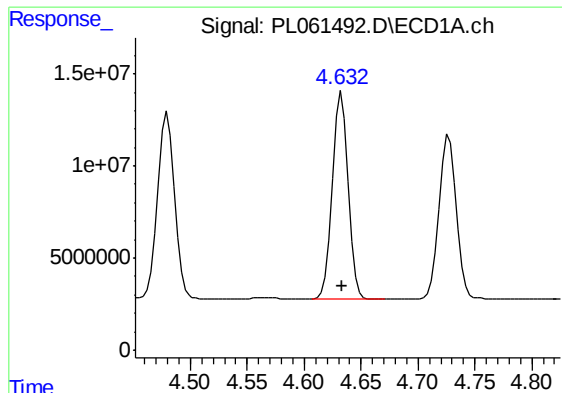
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 46830927  
Conc: 48.75 ng/ml



#6 beta-BHC

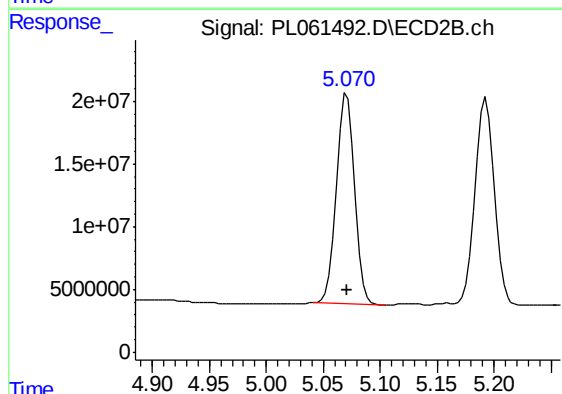
R.T.: 4.853 min  
Delta R.T.: 0.000 min  
Response: 86813218  
Conc: 49.71 ng/ml



#7 delta-BHC

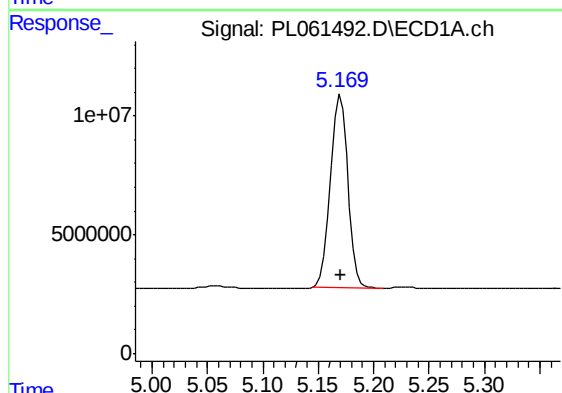
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 106681270  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



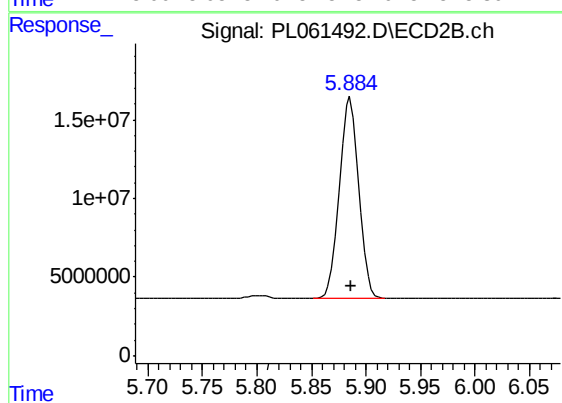
#7 delta-BHC

R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 182913225  
Conc: 57.35 ng/ml



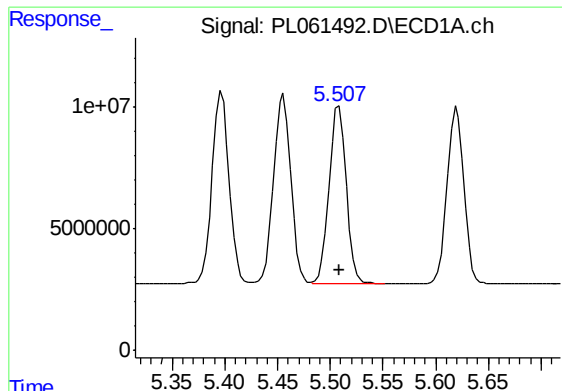
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 89028739  
Conc: 47.78 ng/ml



#8 Heptachlor epoxide

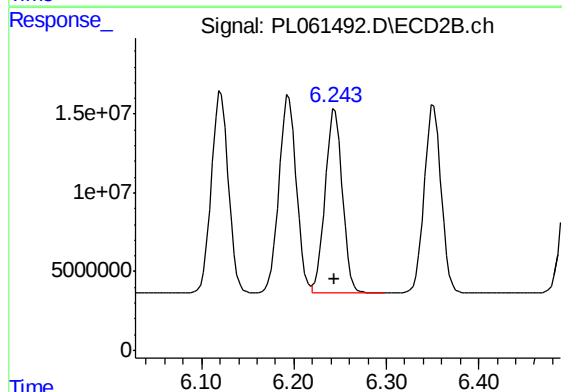
R.T.: 5.886 min  
Delta R.T.: 0.000 min  
Response: 158895610  
Conc: 53.22 ng/ml



#9 Endosulfan I

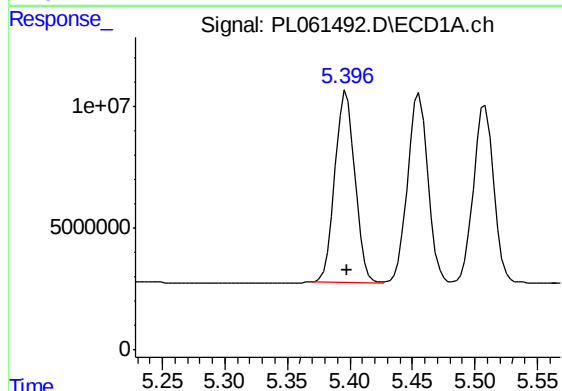
R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 82181324  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



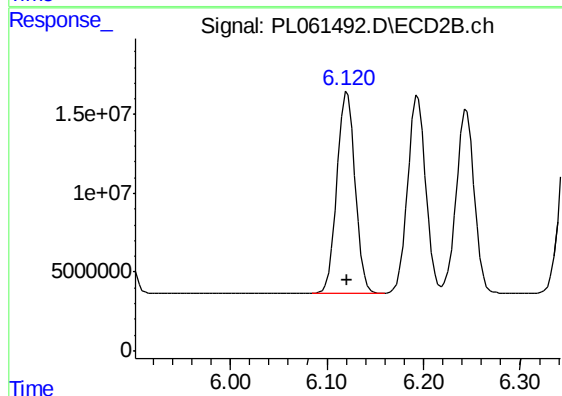
#9 Endosulfan I

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 151500107  
Conc: 47.23 ng/ml



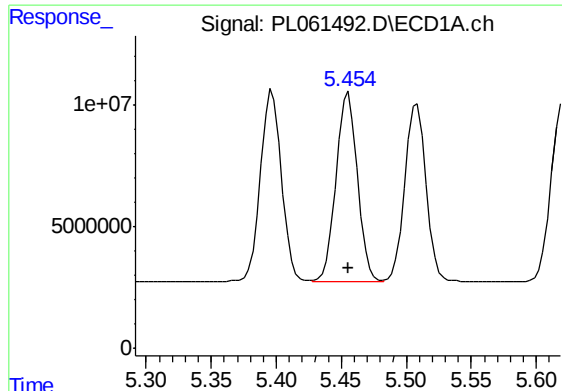
#10 gamma-Chlordane

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 87813568  
Conc: 47.40 ng/ml



#10 gamma-Chlordane

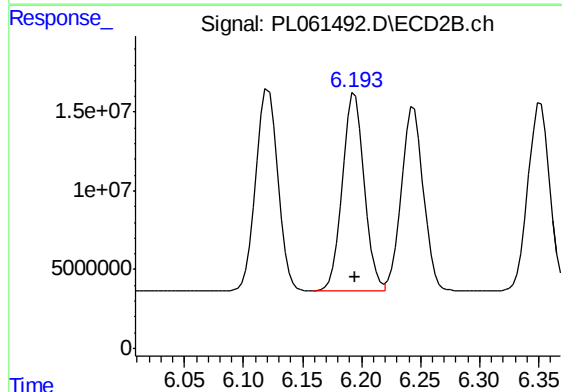
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 164218831  
Conc: 47.64 ng/ml



#11 alpha-Chlordane

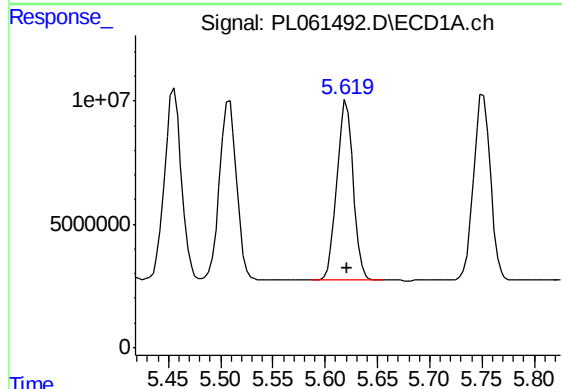
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 87932133  
Conc: 47.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



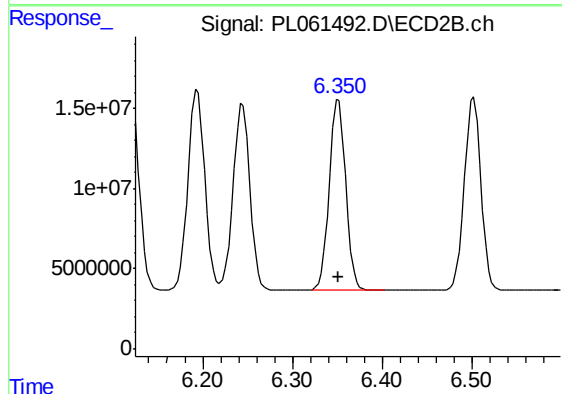
#11 alpha-Chlordane

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 164043110  
Conc: 47.14 ng/ml



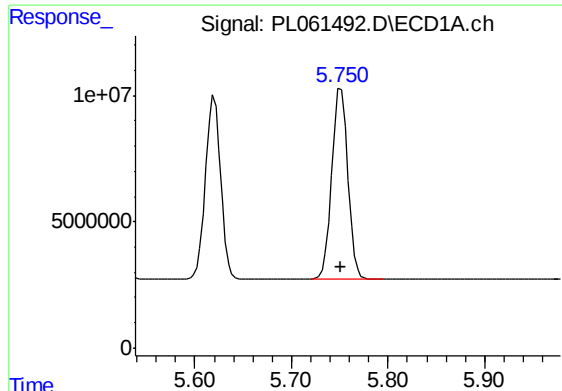
#12 4,4'-DDE

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 79772729  
Conc: 46.91 ng/ml



#12 4,4'-DDE

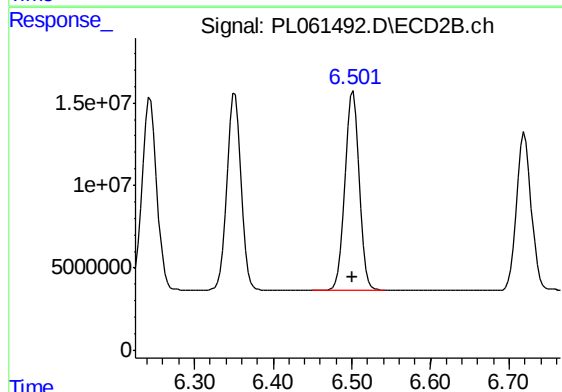
R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 151141198  
Conc: 47.15 ng/ml



#13 Dielldrin

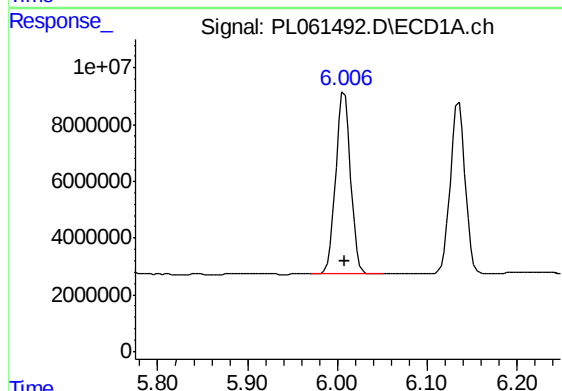
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 85163555  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



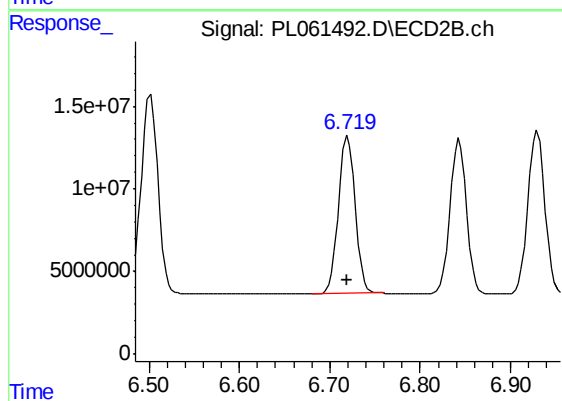
#13 Dielldrin

R.T.: 6.502 min  
Delta R.T.: 0.000 min  
Response: 155545896  
Conc: 47.44 ng/ml



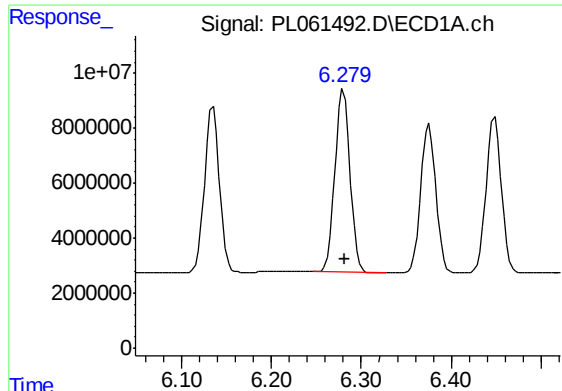
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 74118715  
Conc: 44.10 ng/ml



#14 Endrin

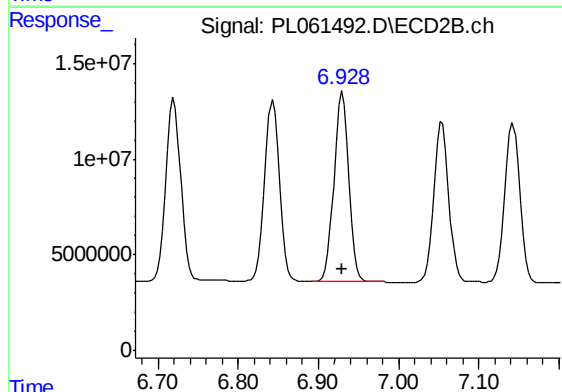
R.T.: 6.720 min  
Delta R.T.: 0.000 min  
Response: 122534798  
Conc: 43.82 ng/ml



#15 Endosulfan II

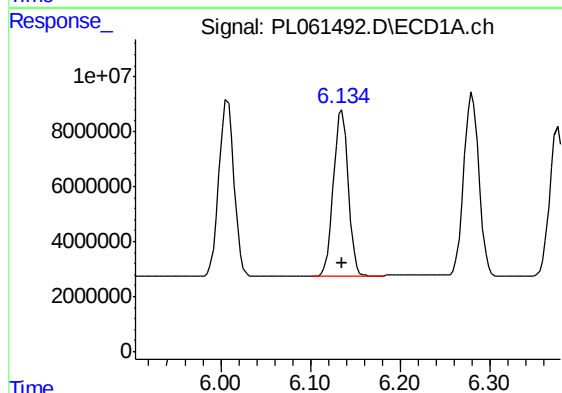
R.T.: 6.280 min  
Delta R.T.: -0.001 min  
Response: 78214316  
Conc: 45.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



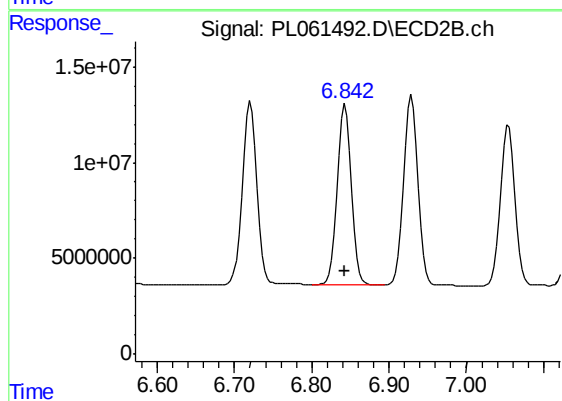
#15 Endosulfan II

R.T.: 6.930 min  
Delta R.T.: 0.000 min  
Response: 128952820  
Conc: 43.66 ng/ml



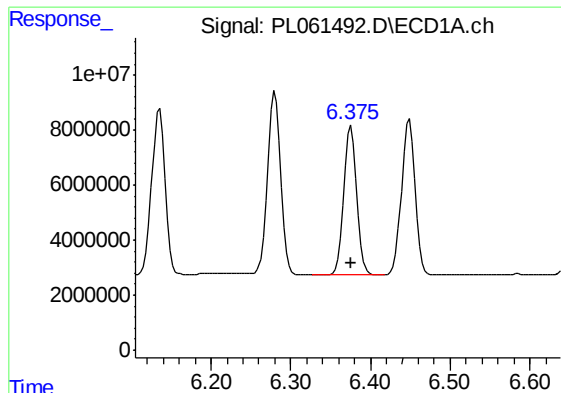
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 69472134  
Conc: 48.07 ng/ml



#16 4,4'-DDD

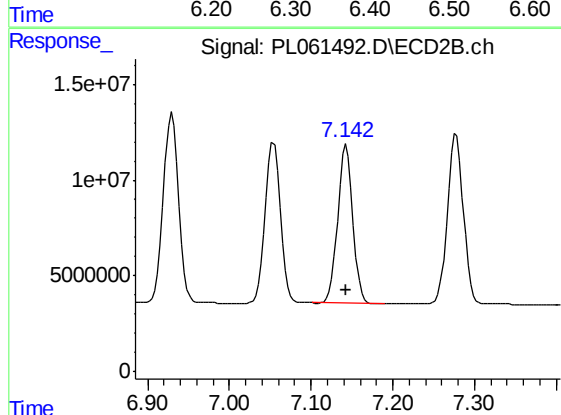
R.T.: 6.843 min  
Delta R.T.: 0.000 min  
Response: 120013925  
Conc: 46.73 ng/ml



#17 4,4'-DDT

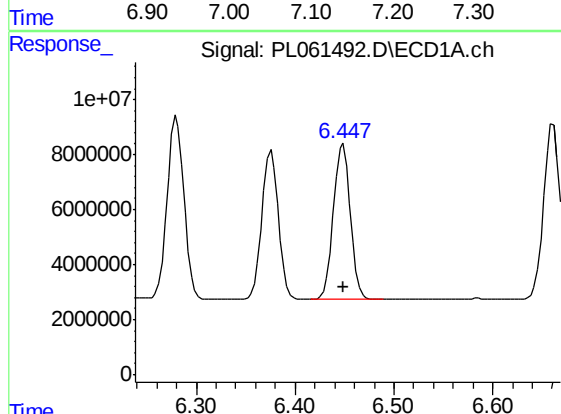
R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 62987691  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



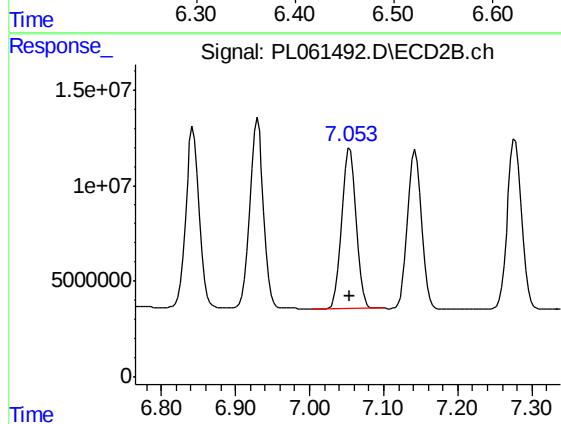
#17 4,4'-DDT

R.T.: 7.143 min  
Delta R.T.: 0.000 min  
Response: 107115815  
Conc: 42.79 ng/ml



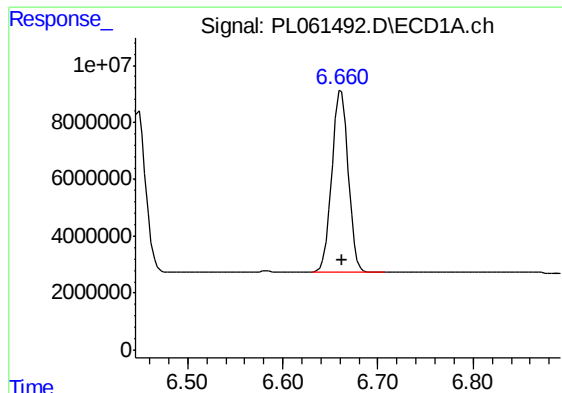
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 67396991  
Conc: 45.78 ng/ml



#18 Endrin aldehyde

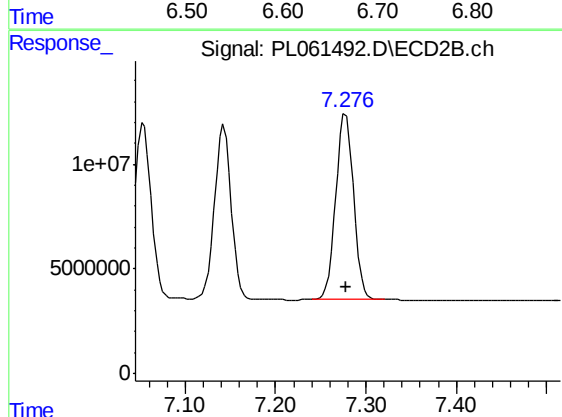
R.T.: 7.054 min  
Delta R.T.: 0.000 min  
Response: 109682840  
Conc: 44.83 ng/ml



#19 Endosulfan Sulfate

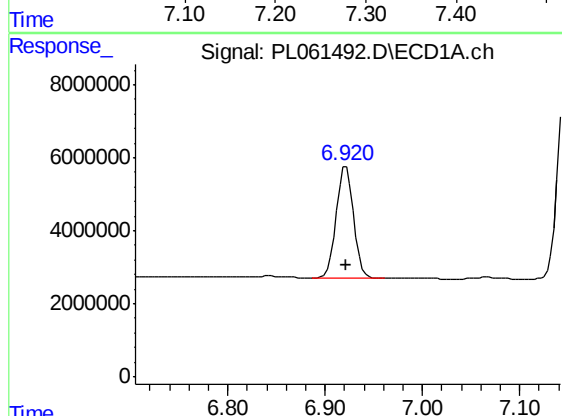
R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 76372659  
Conc: 46.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



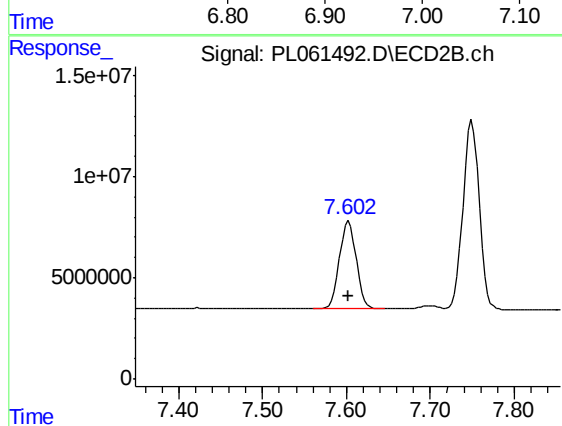
#19 Endosulfan Sulfate

R.T.: 7.278 min  
Delta R.T.: 0.000 min  
Response: 120730331  
Conc: 44.13 ng/ml



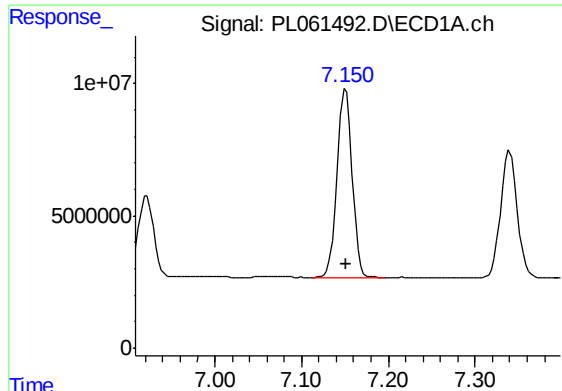
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 38143613  
Conc: 44.56 ng/ml



#20 Methoxychlor

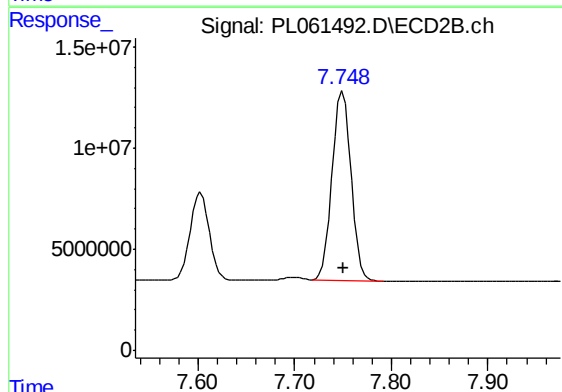
R.T.: 7.603 min  
Delta R.T.: 0.000 min  
Response: 60139191  
Conc: 41.81 ng/ml



#21 Endrin ketone

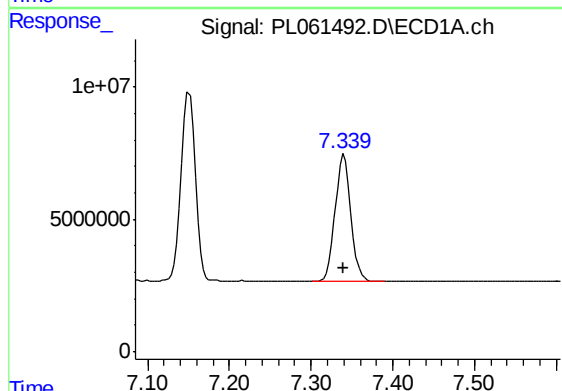
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 86645278  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



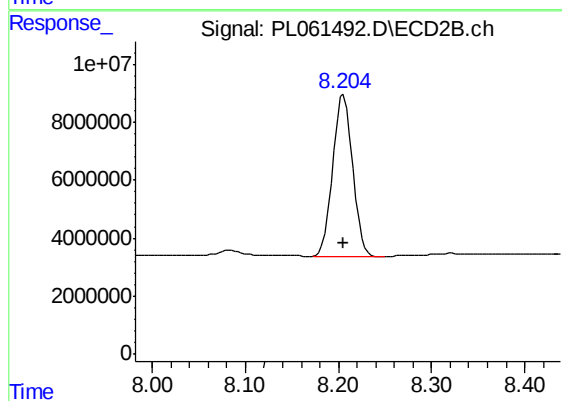
#21 Endrin ketone

R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 125986991  
Conc: 46.41 ng/ml



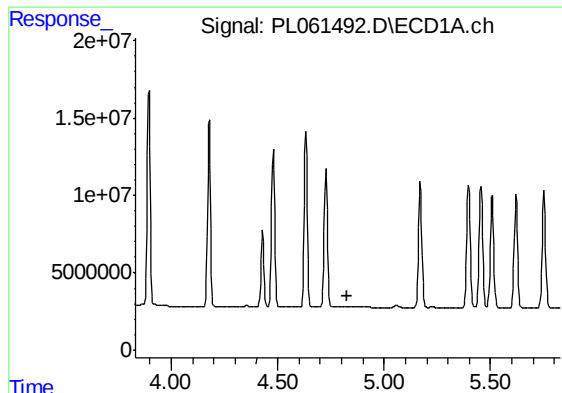
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 64103486  
Conc: 42.87 ng/ml



#22 Mirex

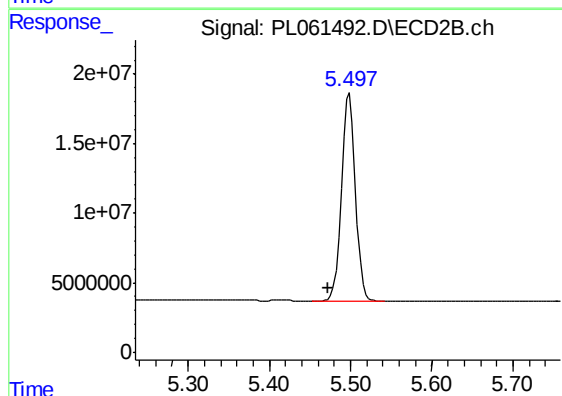
R.T.: 8.205 min  
Delta R.T.: 0.000 min  
Response: 82698606  
Conc: 42.95 ng/ml



#24 Chlordane-2

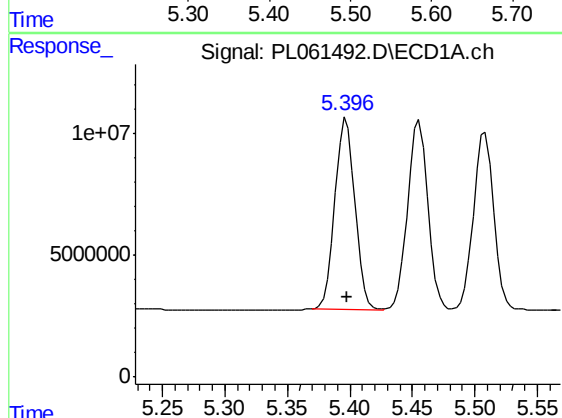
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



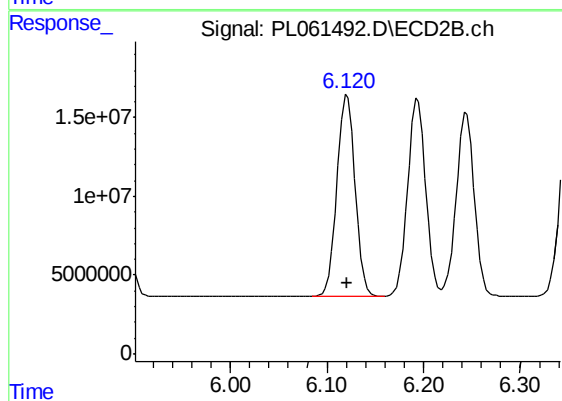
#24 Chlordane-2

R.T.: 5.499 min  
Delta R.T.: 0.026 min  
Response: 179153073  
Conc: 1466.82 ng/ml



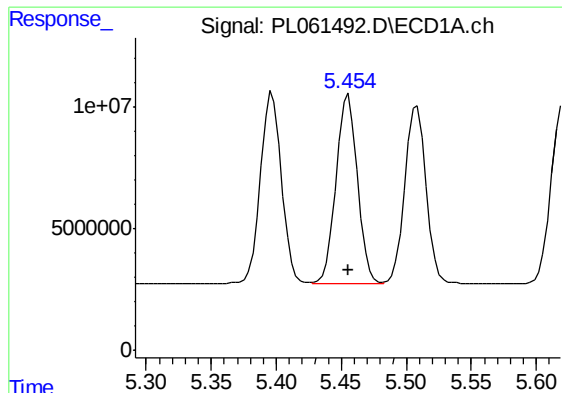
#25 Chlordane-3

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 87813568  
Conc: 529.49 ng/ml



#25 Chlordane-3

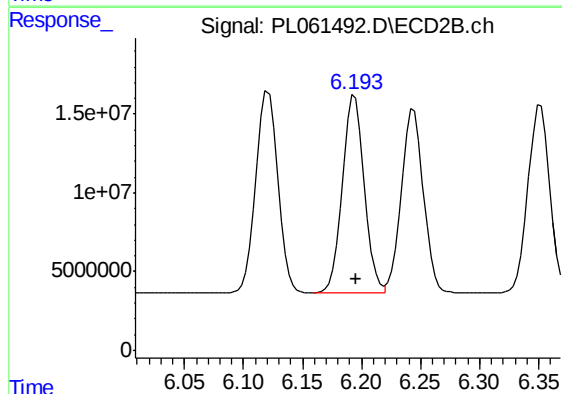
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 164218831  
Conc: 380.16 ng/ml



#26 Chlordane-4

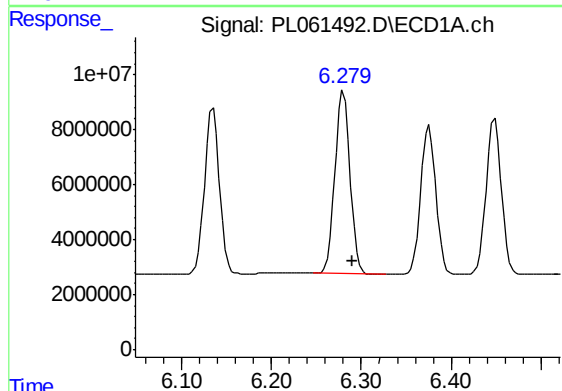
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 87932133  
Conc: 638.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



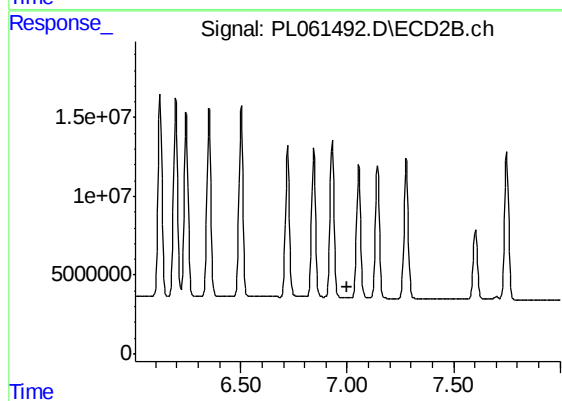
#26 Chlordane-4

R.T.: 6.194 min  
Delta R.T.: -0.001 min  
Response: 164043110  
Conc: 313.37 ng/ml



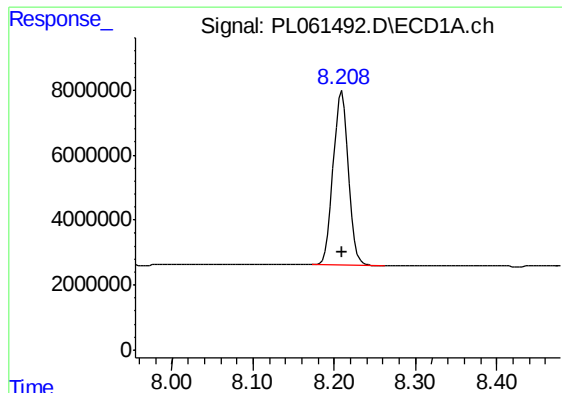
#27 Chlordane-5

R.T.: 6.280 min  
Delta R.T.: -0.010 min  
Response: 78214316  
Conc: 1391.54 ng/ml



#27 Chlordane-5

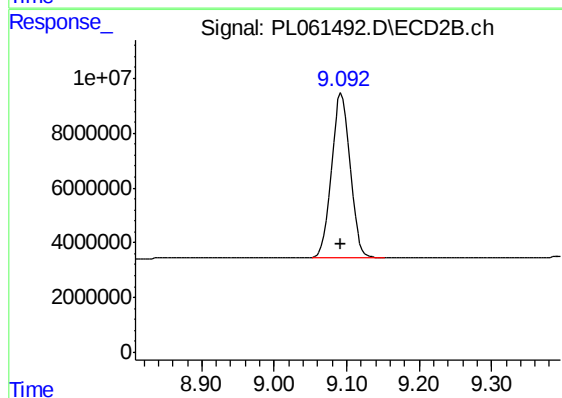
R.T.: 0.000 min  
Exp R.T. : 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: 0.000 min  
Response: 69887256  
Conc: 41.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: 0.000 min  
Response: 107243701  
Conc: 45.35 ng/ml