

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102820\  
 Data File : PL062641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2020 12:59  
 Operator : DD\AJ  
 Sample : WATER IDOC 02  
 Misc : IDOC FOR ABDUL RAUF(PB132650)  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WATER IDOC 02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 06:28:22 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.412 | 3.951 | 31332942 | 56583088 | 18.216 | 19.254 |
| 28)                         | SA Decachlor... | 8.127 | 8.991 | 35722738 | 48907557 | 22.267 | 23.368 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.844 | 4.338 | 120.1E6  | 228.6E6  | 47.105 | 51.460 |
| 3)                          | MA gamma-BHC... | 4.123 | 4.621 | 107.3E6  | 211.8E6  | 46.327 | 50.732 |
| 4)                          | MA Heptachlor   | 4.420 | 5.126 | 99086565 | 198.0E6  | 46.177 | 49.639 |
| 5)                          | MB Aldrin       | 4.665 | 5.429 | 90473170 | 187.2E6  | 47.399 | 51.714 |
| 6)                          | B beta-BHC      | 4.373 | 4.792 | 44820018 | 91509015 | 46.922 | 48.597 |
| 7)                          | B delta-BHC     | 4.574 | 5.006 | 103.1E6  | 193.2E6  | 47.454 | 55.198 |
| 8)                          | B Heptachlo...  | 5.104 | 5.815 | 88340118 | 172.0E6  | 48.416 | 53.101 |
| 9)                          | A Endosulfan I  | 5.439 | 6.170 | 81796450 | 157.3E6  | 48.933 | 49.883 |
| 10)                         | B gamma-Chl...  | 5.329 | 6.048 | 86610767 | 169.7E6  | 48.075 | 50.400 |
| 11)                         | B alpha-Chl...  | 5.386 | 6.121 | 86771079 | 169.8E6  | 47.999 | 50.403 |
| 12)                         | B 4,4'-DDE      | 5.552 | 6.279 | 79795636 | 163.1E6  | 48.231 | 50.616 |
| 13)                         | MA Dieldrin     | 5.680 | 6.426 | 85011949 | 161.2E6  | 48.112 | 50.371 |
| 14)                         | MA Endrin       | 5.934 | 6.644 | 71019410 | 124.0E6  | 42.686 | 44.431 |
| 15)                         | B Endosulfa...  | 6.207 | 6.853 | 79641788 | 140.5E6  | 48.307 | 49.149 |
| 16)                         | A 4,4'-DDD      | 6.064 | 6.769 | 74042492 | 140.8E6  | 52.346 | 54.992 |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.067 | 56987543 | 104.8E6  | 42.701 | 46.691 |
| 18)                         | B Endrin al...  | 6.374 | 6.977 | 71160242 | 121.9E6  | 49.006 | 53.462 |
| 19)                         | B Endosulfa...  | 6.586 | 7.200 | 79830197 | 130.4E6  | 48.375 | 54.346 |
| 20)                         | A Methoxychlor  | 6.847 | 7.527 | 35277163 | 57213099 | 40.958 | 46.307 |
| 21)                         | B Endrin ke...  | 7.072 | 7.669 | 97537785 | 142.2E6  | 54.097 | 60.023 |
| 22)                         | Mirex           | 7.258 | 8.122 | 70682688 | 95686115 | 49.858 | 56.151 |
| -----                       |                 |       |       |          |          |        |        |

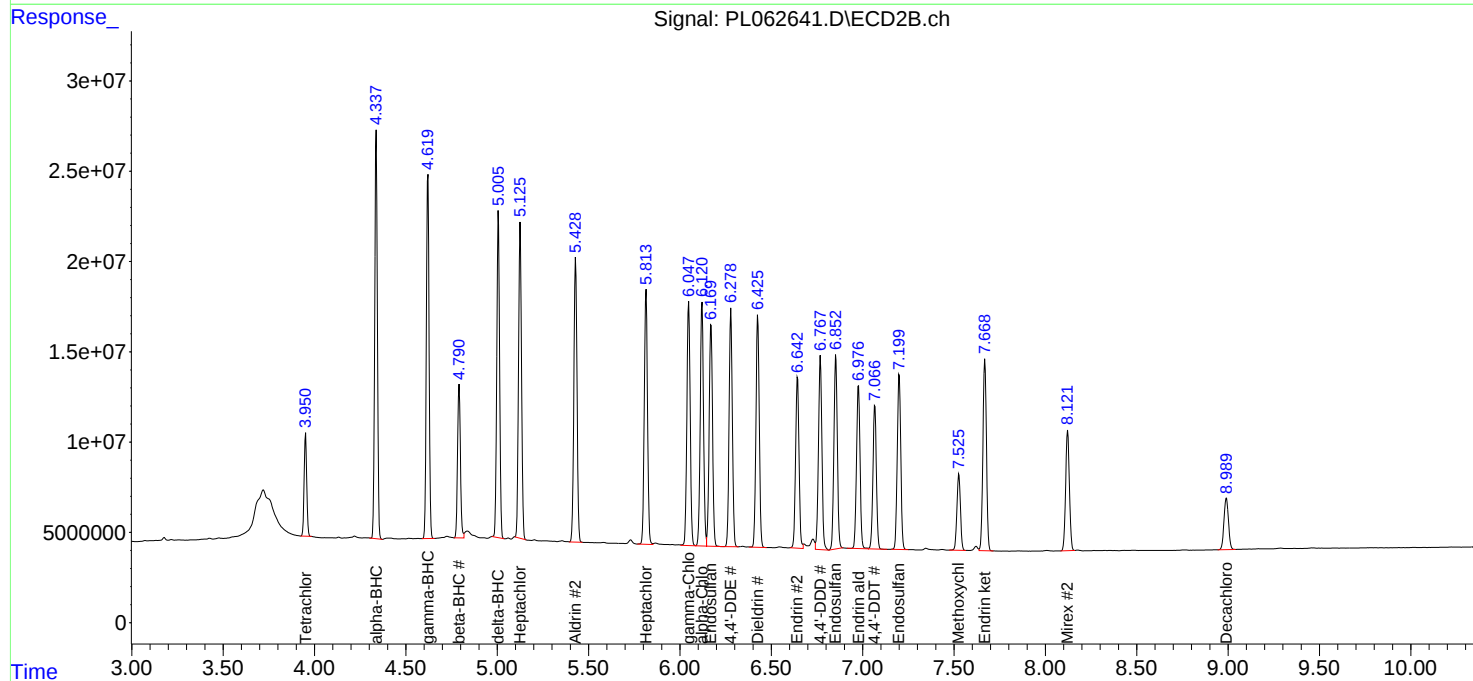
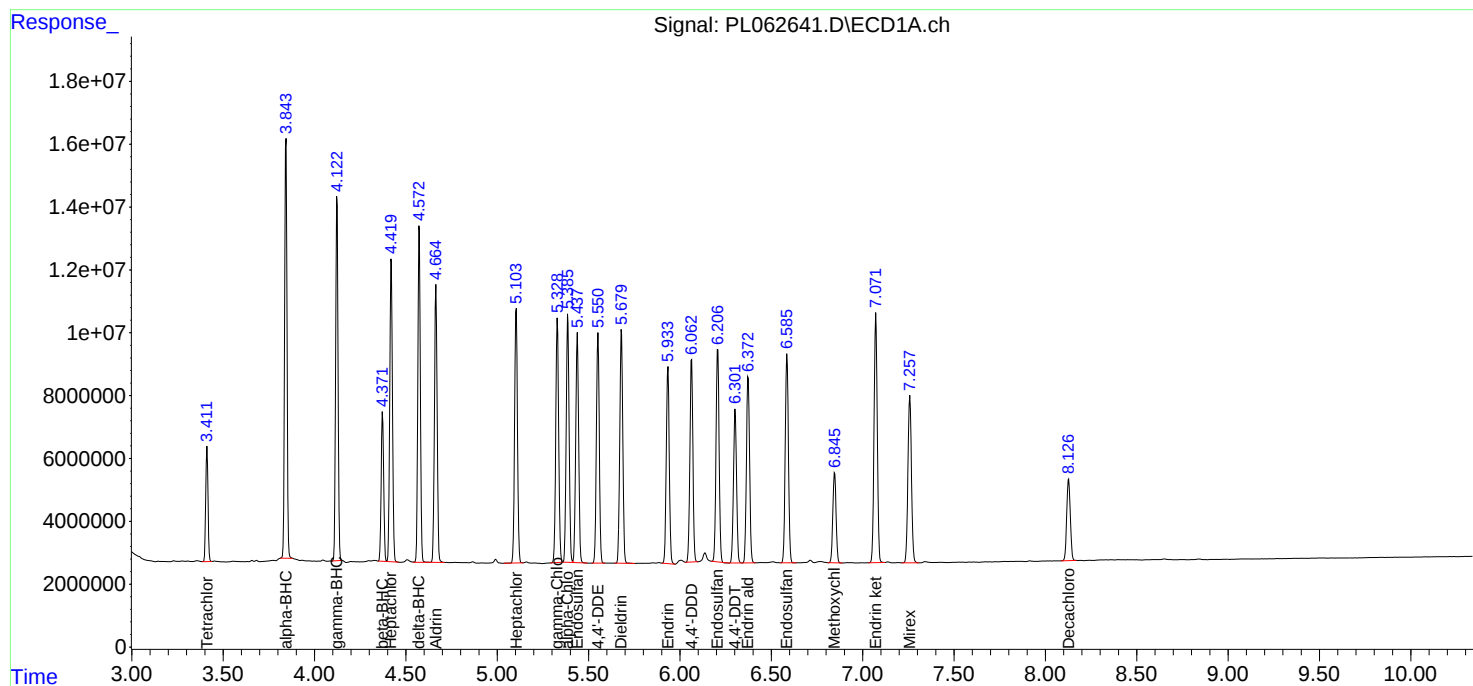
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

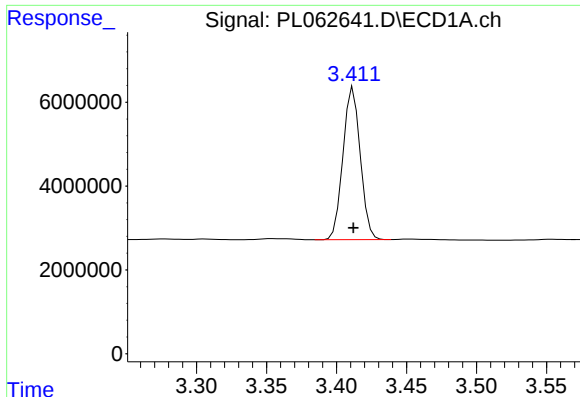
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102820\  
Data File : PL062641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2020 12:59  
Operator : DD\AJ  
Sample : WATER IDOC 02  
Misc : IDOC FOR ABDUL RAUF(PB132650)  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 06:28:22 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

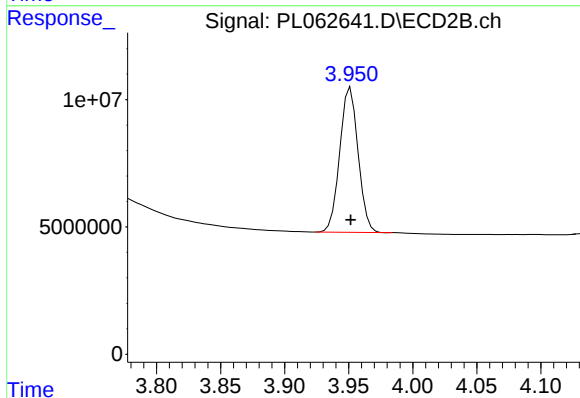




#1 Tetrachloro-m-xylene

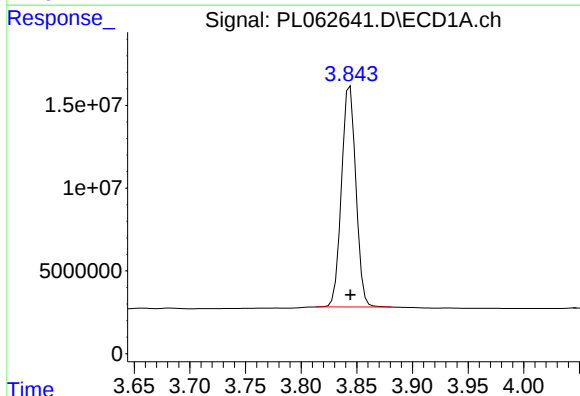
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 31332942  
Conc: 18.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



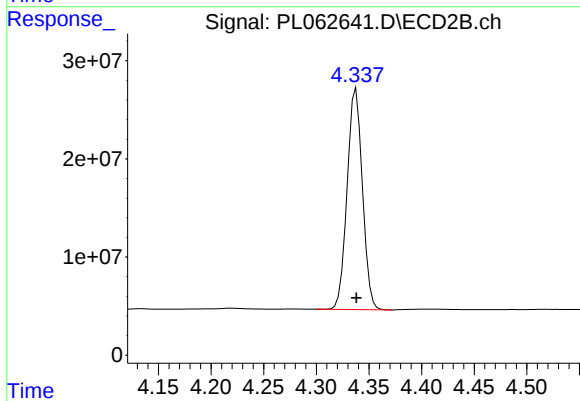
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: 0.000 min  
Response: 56583088  
Conc: 19.25 ng/ml



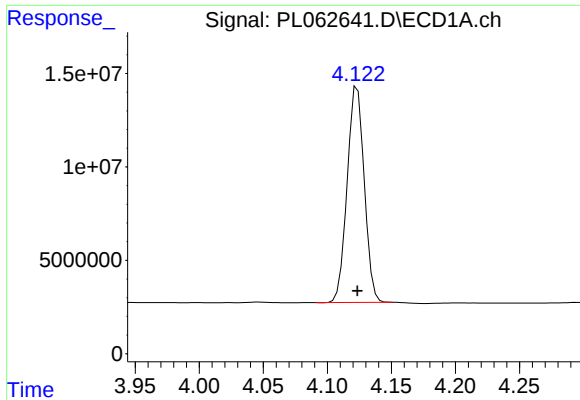
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 120102692  
Conc: 47.10 ng/ml



#2 alpha-BHC

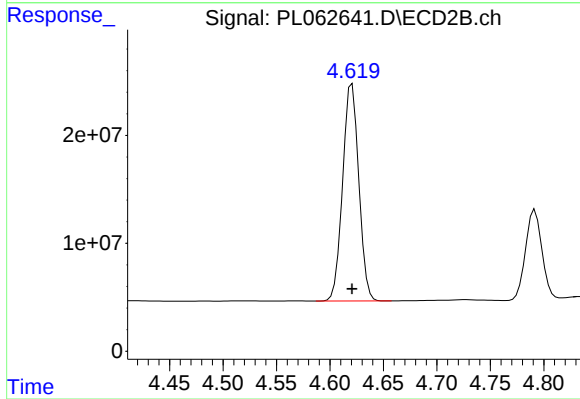
R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 228648779  
Conc: 51.46 ng/ml



#3 gamma-BHC (Lindane)

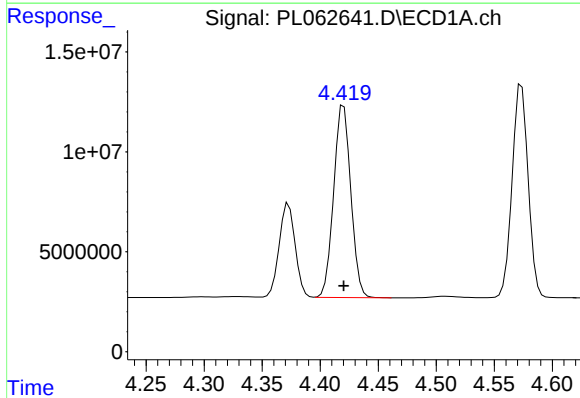
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 107324289  
Conc: 46.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



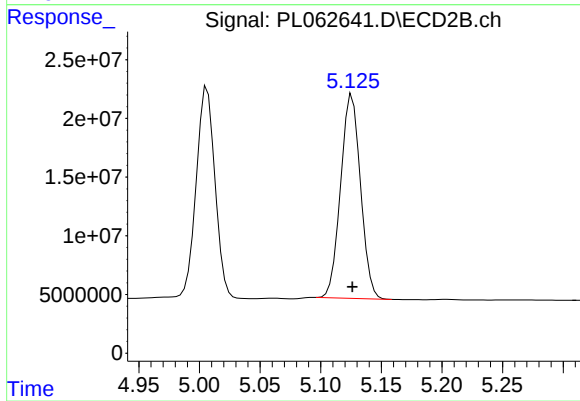
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 211841466  
Conc: 50.73 ng/ml



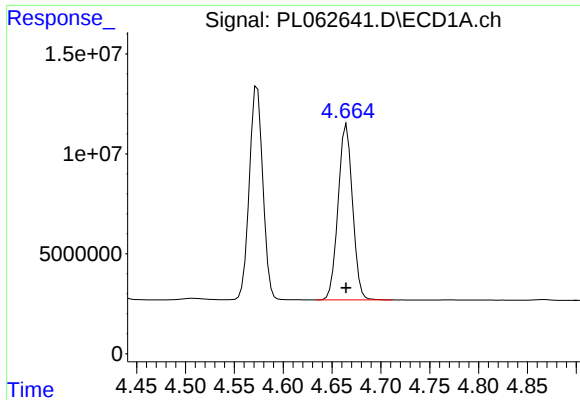
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 99086565  
Conc: 46.18 ng/ml



#4 Heptachlor

R.T.: 5.126 min  
Delta R.T.: 0.000 min  
Response: 197957688  
Conc: 49.64 ng/ml



#5 Aldrin

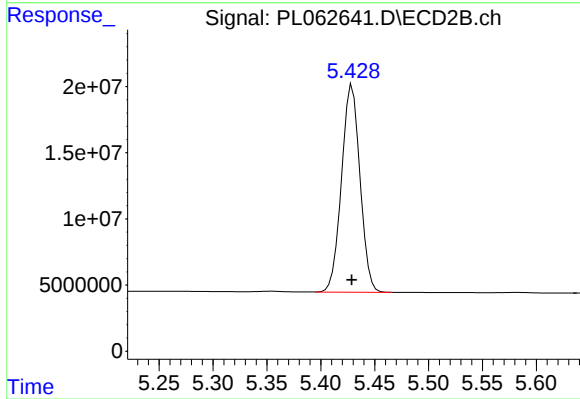
R.T.: 4.665 min

Delta R.T.: 0.000 min

Response: 90473170

Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



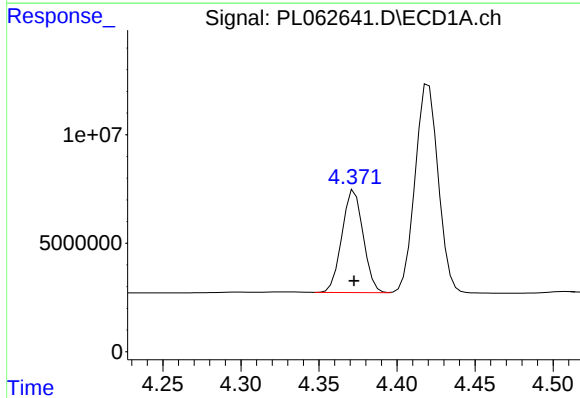
#5 Aldrin

R.T.: 5.429 min

Delta R.T.: 0.000 min

Response: 187176647

Conc: 51.71 ng/ml



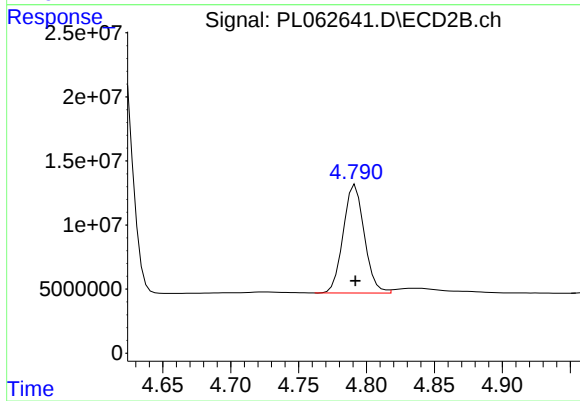
#6 beta-BHC

R.T.: 4.373 min

Delta R.T.: 0.000 min

Response: 44820018

Conc: 46.92 ng/ml



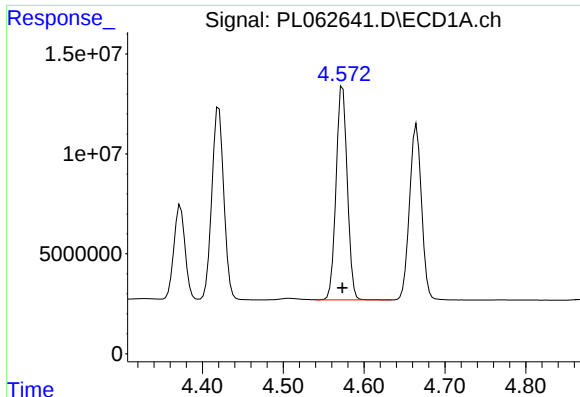
#6 beta-BHC

R.T.: 4.792 min

Delta R.T.: 0.000 min

Response: 91509015

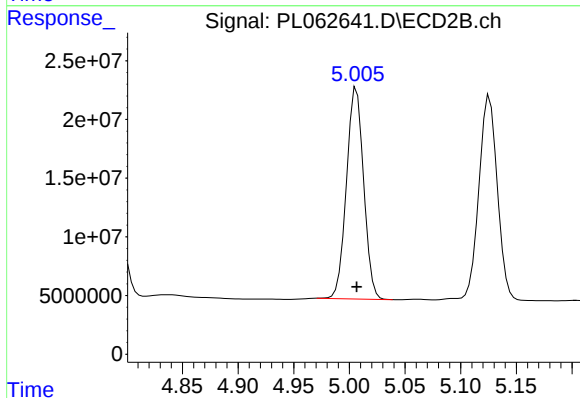
Conc: 48.60 ng/ml



#7 delta-BHC

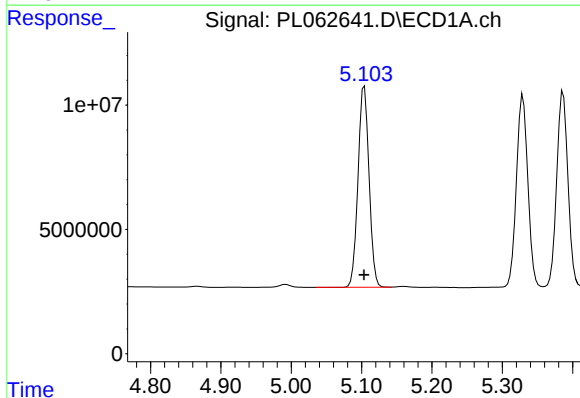
R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 103127397  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



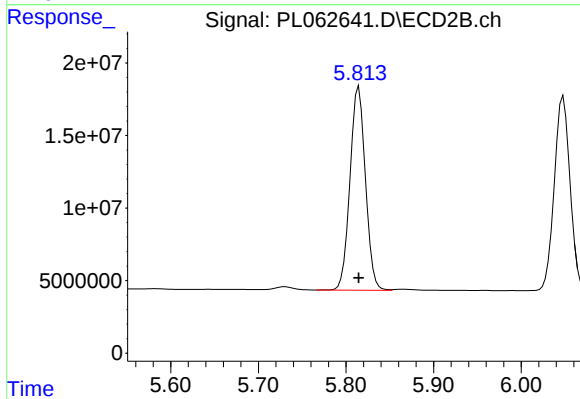
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 193163005  
Conc: 55.20 ng/ml



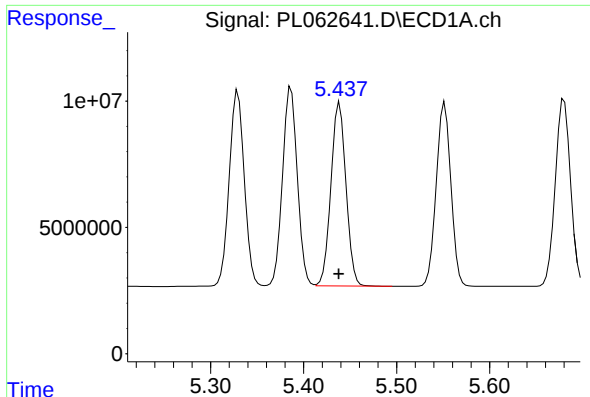
#8 Heptachlor epoxide

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 88340118  
Conc: 48.42 ng/ml



#8 Heptachlor epoxide

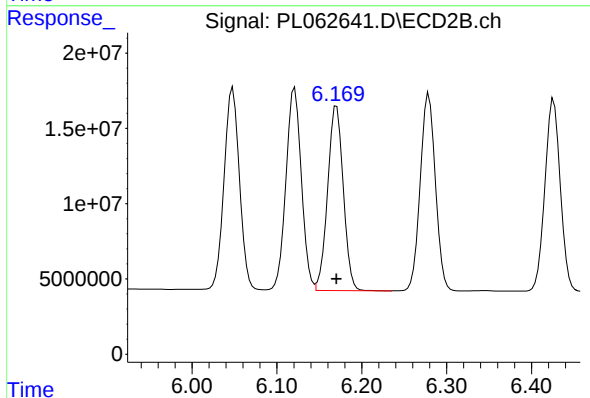
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 171973431  
Conc: 53.10 ng/ml



#9 Endosulfan I

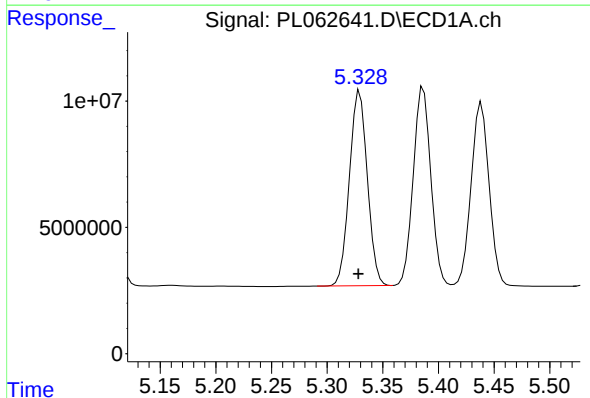
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 81796450  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



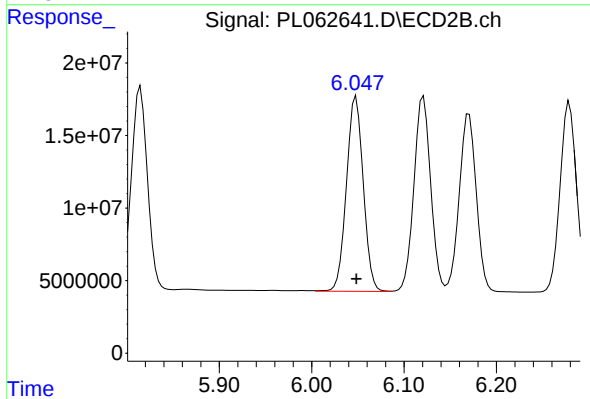
#9 Endosulfan I

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 157323149  
Conc: 49.88 ng/ml



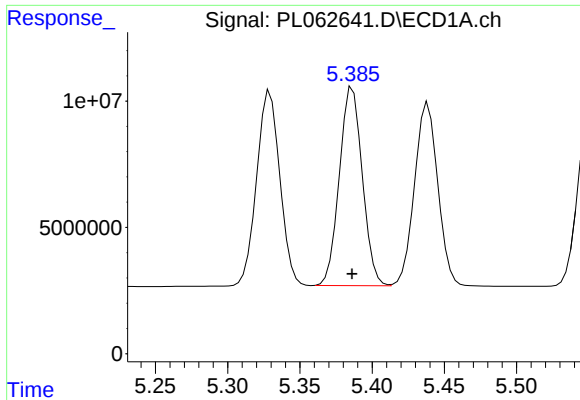
#10 gamma-Chlordane

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 86610767  
Conc: 48.08 ng/ml



#10 gamma-Chlordane

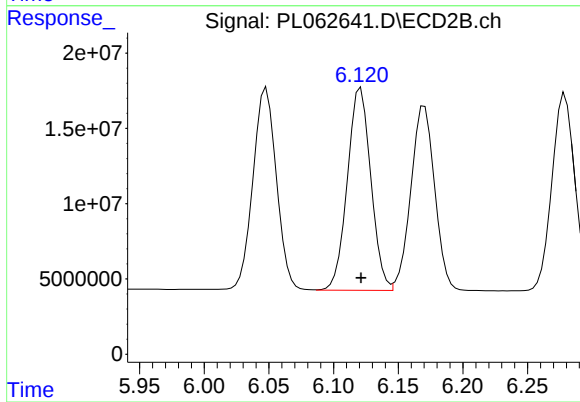
R.T.: 6.048 min  
Delta R.T.: 0.000 min  
Response: 169665664  
Conc: 50.40 ng/ml



#11 alpha-Chlordane

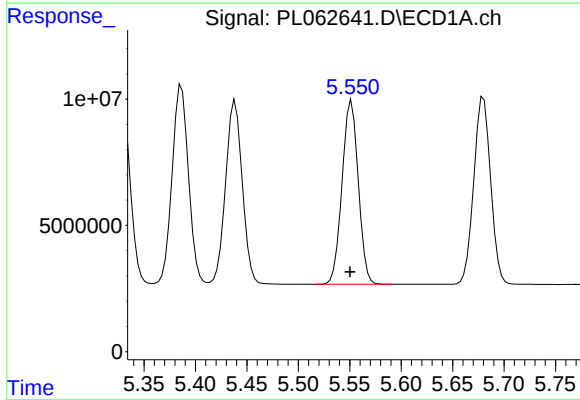
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 86771079  
Conc: 48.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



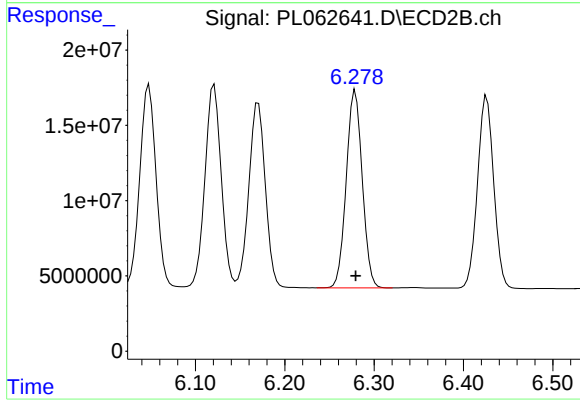
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 169803932  
Conc: 50.40 ng/ml



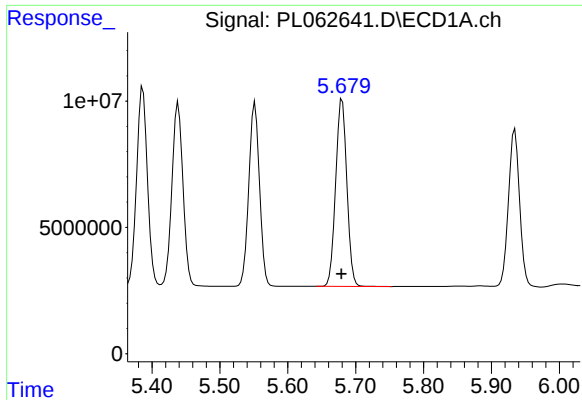
#12 4,4'-DDE

R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 79795636  
Conc: 48.23 ng/ml



#12 4,4'-DDE

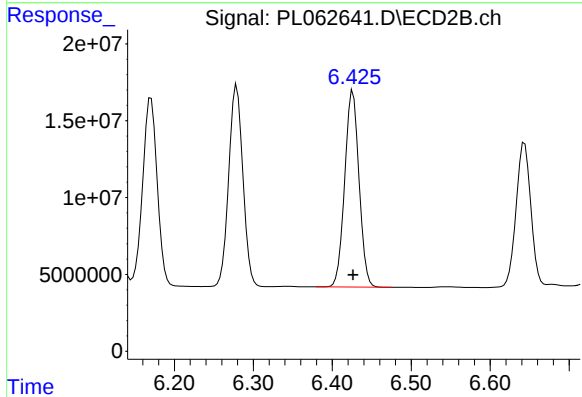
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 163087734  
Conc: 50.62 ng/ml



#13 Dieldrin

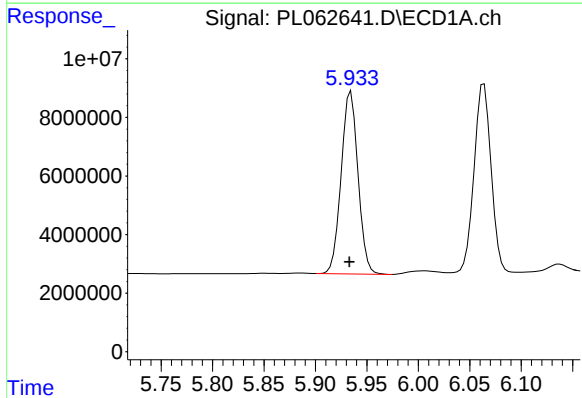
R.T.: 5.680 min  
Delta R.T.: 0.001 min  
Response: 85011949  
Conc: 48.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



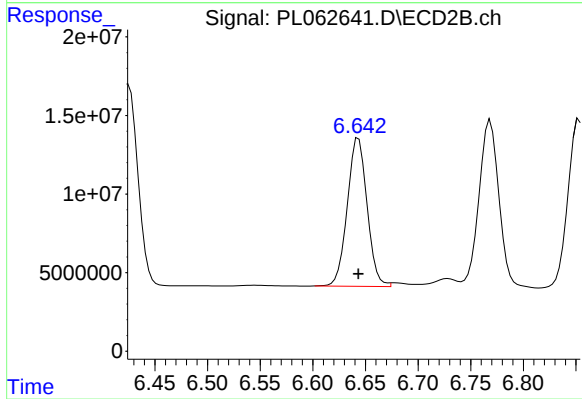
#13 Dieldrin

R.T.: 6.426 min  
Delta R.T.: 0.000 min  
Response: 161231745  
Conc: 50.37 ng/ml



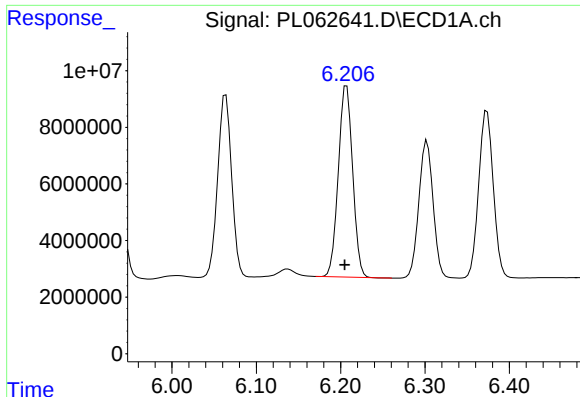
#14 Endrin

R.T.: 5.934 min  
Delta R.T.: 0.001 min  
Response: 71019410  
Conc: 42.69 ng/ml



#14 Endrin

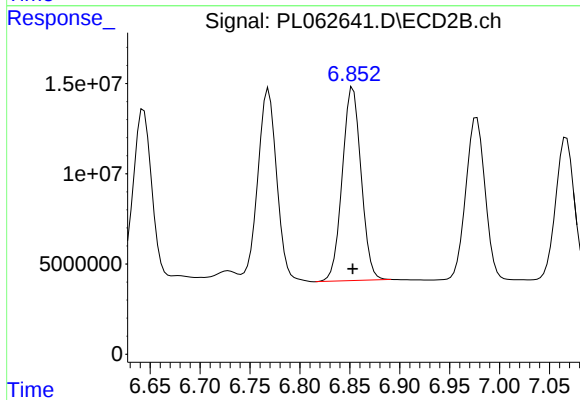
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 124011785  
Conc: 44.43 ng/ml



#15 Endosulfan II

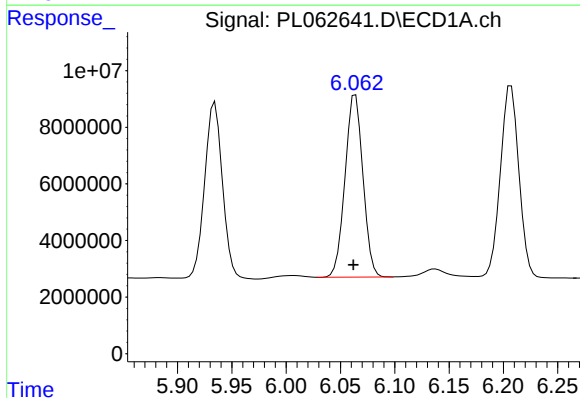
R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 79641788  
Conc: 48.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



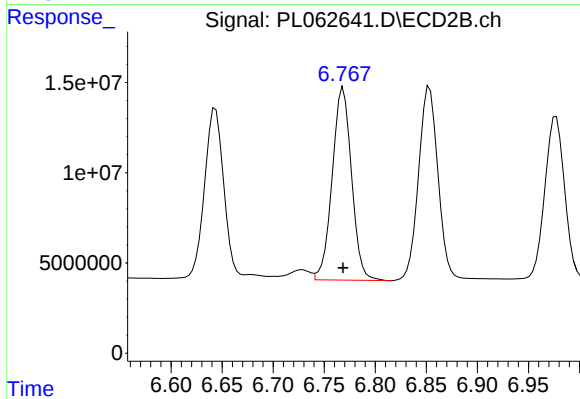
#15 Endosulfan II

R.T.: 6.853 min  
Delta R.T.: 0.000 min  
Response: 140498783  
Conc: 49.15 ng/ml



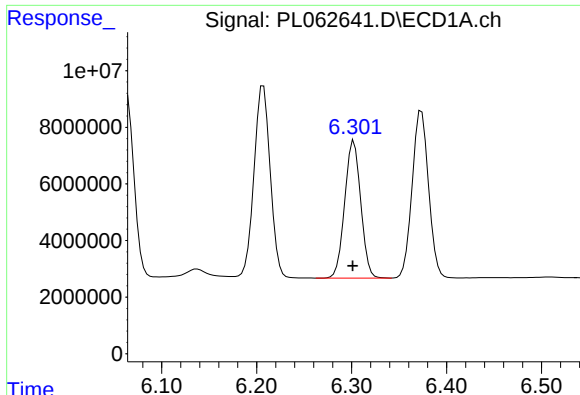
#16 4,4'-DDD

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 74042492  
Conc: 52.35 ng/ml



#16 4,4'-DDD

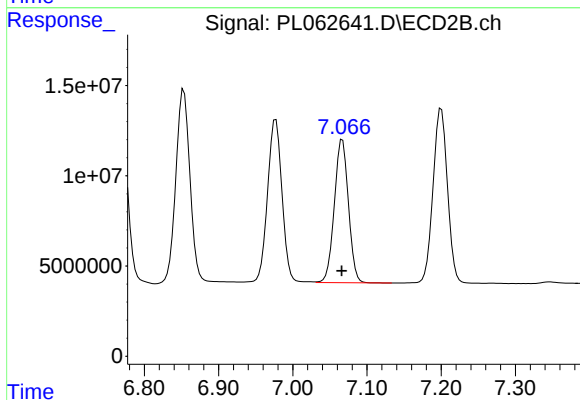
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 140776746  
Conc: 54.99 ng/ml



#17 4,4'-DDT

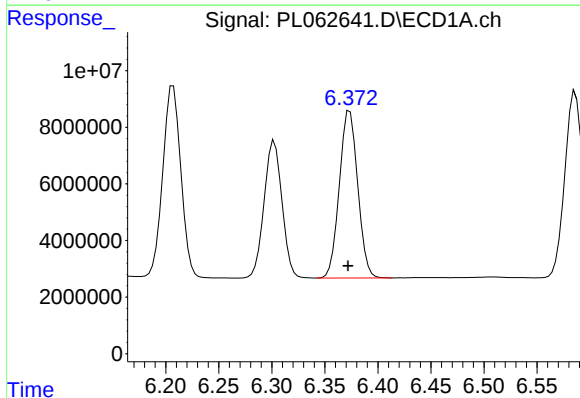
R.T.: 6.302 min  
Delta R.T.: 0.001 min  
Response: 56987543  
Conc: 42.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



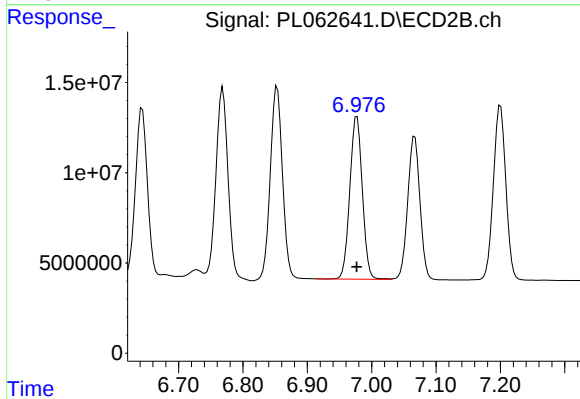
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 104834629  
Conc: 46.69 ng/ml



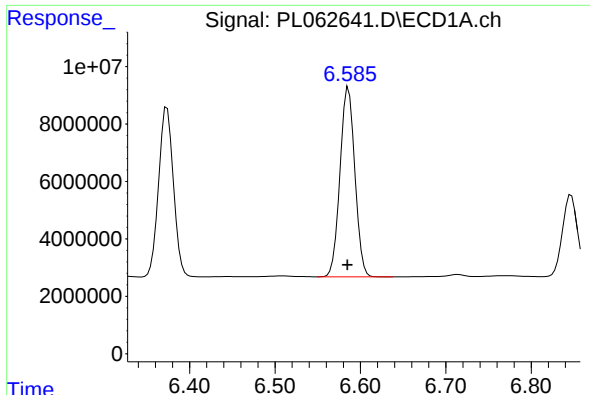
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 71160242  
Conc: 49.01 ng/ml



#18 Endrin aldehyde

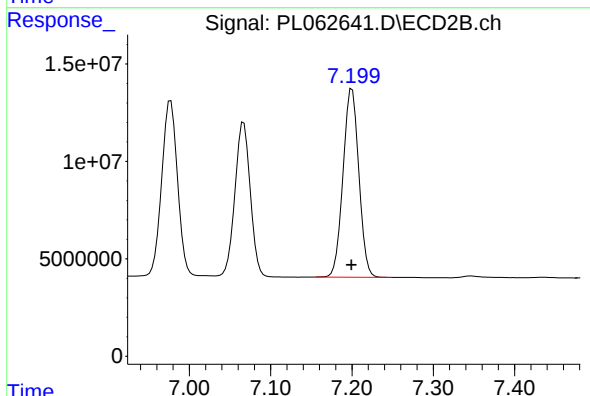
R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 121924735  
Conc: 53.46 ng/ml



#19 Endosulfan Sulfate

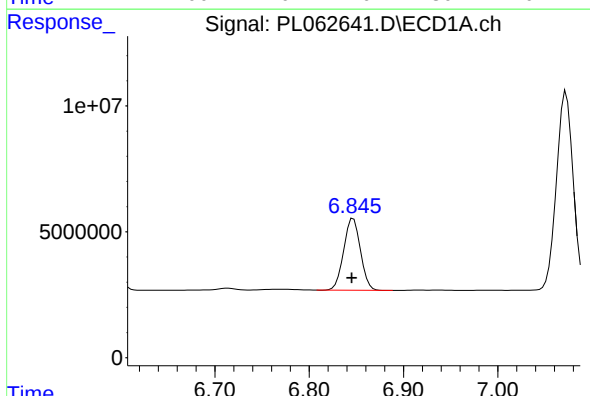
R.T.: 6.586 min  
Delta R.T.: 0.001 min  
Response: 79830197  
Conc: 48.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



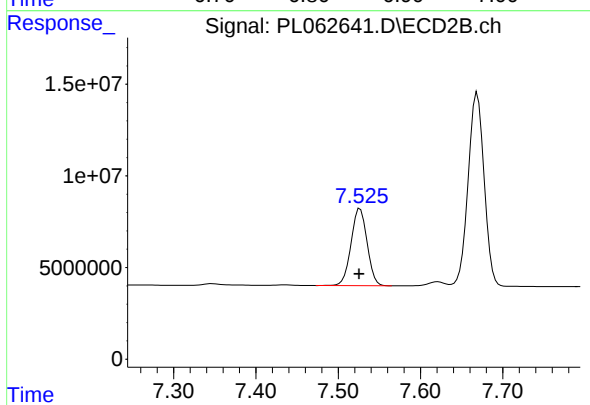
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 130387679  
Conc: 54.35 ng/ml



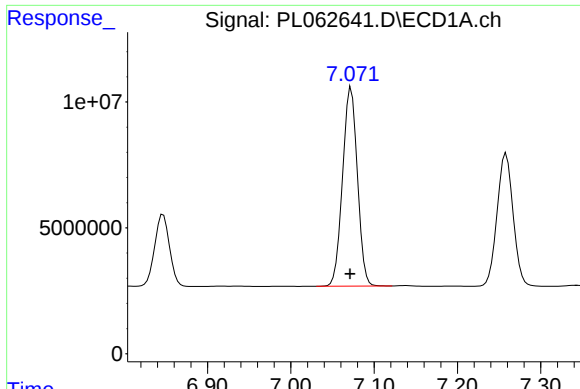
#20 Methoxychlor

R.T.: 6.847 min  
Delta R.T.: 0.002 min  
Response: 35277163  
Conc: 40.96 ng/ml



#20 Methoxychlor

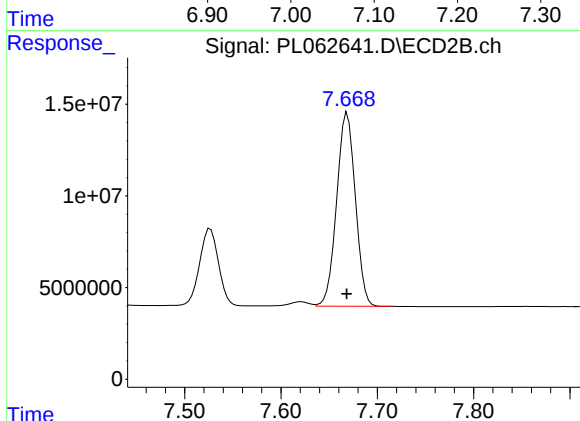
R.T.: 7.527 min  
Delta R.T.: 0.001 min  
Response: 57213099  
Conc: 46.31 ng/ml



#21 Endrin ketone

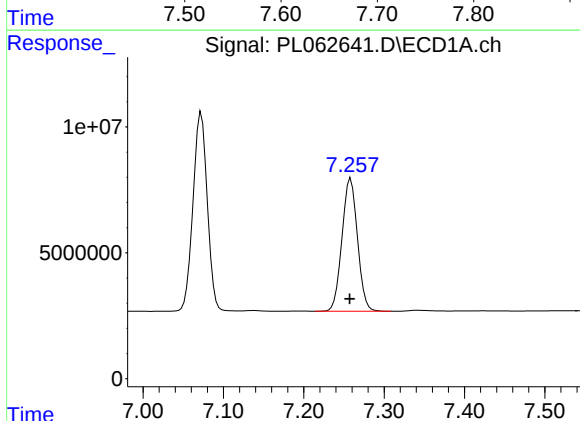
R.T.: 7.072 min  
Delta R.T.: 0.001 min  
Response: 97537785  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



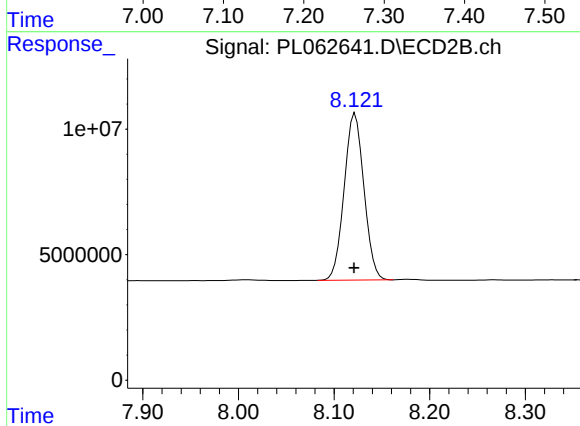
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 142241949  
Conc: 60.02 ng/ml



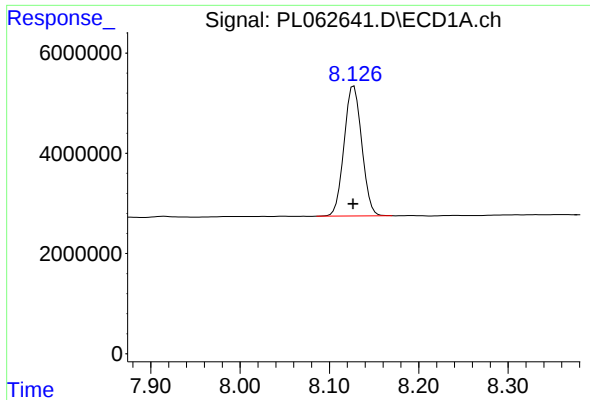
#22 Mirex

R.T.: 7.258 min  
Delta R.T.: 0.001 min  
Response: 70682688  
Conc: 49.86 ng/ml



#22 Mirex

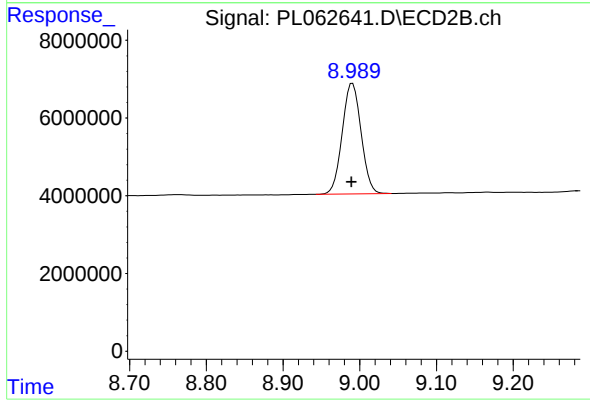
R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 95686115  
Conc: 56.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.127 min  
Delta R.T.: 0.001 min  
Response: 35722738  
Conc: 22.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WATER IDOC 02



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 48907557  
Conc: 23.37 ng/ml