

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092320\  
 Data File : PL061706.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Sep 2020 17:29  
 Operator : DD\AJ  
 Sample : L3971-09DL2 20X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-PEST-WPDL2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 24 07:11:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 23 13:58:40 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... | 3.458 | 4.005  | 2036755  | 5558554  | 1.194    | 2.037 #    |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.894 | 4.397  | 75436730 | 117.4E6  | 30.949   | 29.401     |
| 3)                          | MA gamma-BHC... | 4.177 | 4.683  | 72750439 | 115.6E6  | 33.261   | 31.221     |
| 4)                          | MA Heptachlor   | 4.479 | 5.194  | 79674495 | 130.4E6  | 39.044   | 37.642     |
| 5)                          | MB Aldrin       | 4.727 | 5.500  | 120.0E6  | 207.8E6  | 66.511   | 64.138     |
| 6)                          | B beta-BHC      | 4.429 | 4.855  | 31629602 | 48654142 | 34.632   | 32.222     |
| 8)                          | B Heptachlo...  | 5.170 | 5.887  | 82721898 | 125.1E6  | 47.382   | 50.490     |
| 9)                          | A Endosulfan I  | 5.508 | 6.246  | 99426403 | 161.9E6  | 61.358   | 58.589     |
| 10)                         | B gamma-Chl...  | 5.397 | 6.123  | 24759391 | 40152495 | 14.257   | 13.673     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.196  | 25892059 | 42495979 | 14.906   | 14.149     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.353  | 70163822 | 116.8E6  | 44.643   | 42.780     |
| 13)                         | MA Dieldrin     | 5.752 | 6.503  | 59586684 | 96108477 | 35.428   | 33.878     |
| 14)                         | MA Endrin       | 6.008 | 6.722  | 97274476 | 144.4E6  | 61.133   | 59.191     |
| 15)                         | B Endosulfa...  | 6.281 | 6.932  | 100.3E6  | 154.5E6  | 62.007   | 59.791     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.845  | 44996247 | 70636127 | 33.984   | 31.774     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.145  | 21256591 | 35644715 | 16.850   | 16.278     |
| 18)                         | B Endrin al...  | 6.449 | 7.056  | 96074921 | 146.1E6  | 68.323   | 68.253     |
| 19)                         | B Endosulfa...  | 6.662 | 7.280  | 59336192 | 88764111 | 38.354   | 37.907     |
| 20)                         | A Methoxychlor  | 6.922 | 7.605  | 77735754 | 116.9E6  | 96.146   | 92.816     |
| 21)                         | B Endrin ke...  | 7.153 | 7.752  | 142.0E6  | 190.6E6  | 83.109   | 81.230     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 207.8E6  | N.D.     | 2019.075 # |
| 25)                         | Chlordane-3     | 5.397 | 6.123  | 24759391 | 40152495 | 157.521  | 109.575 #  |
| 26)                         | Chlordane-4     | 5.455 | 6.196  | 25892059 | 42495979 | 198.450  | 94.663 #   |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 100.3E6  | 0        | 1838.652 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

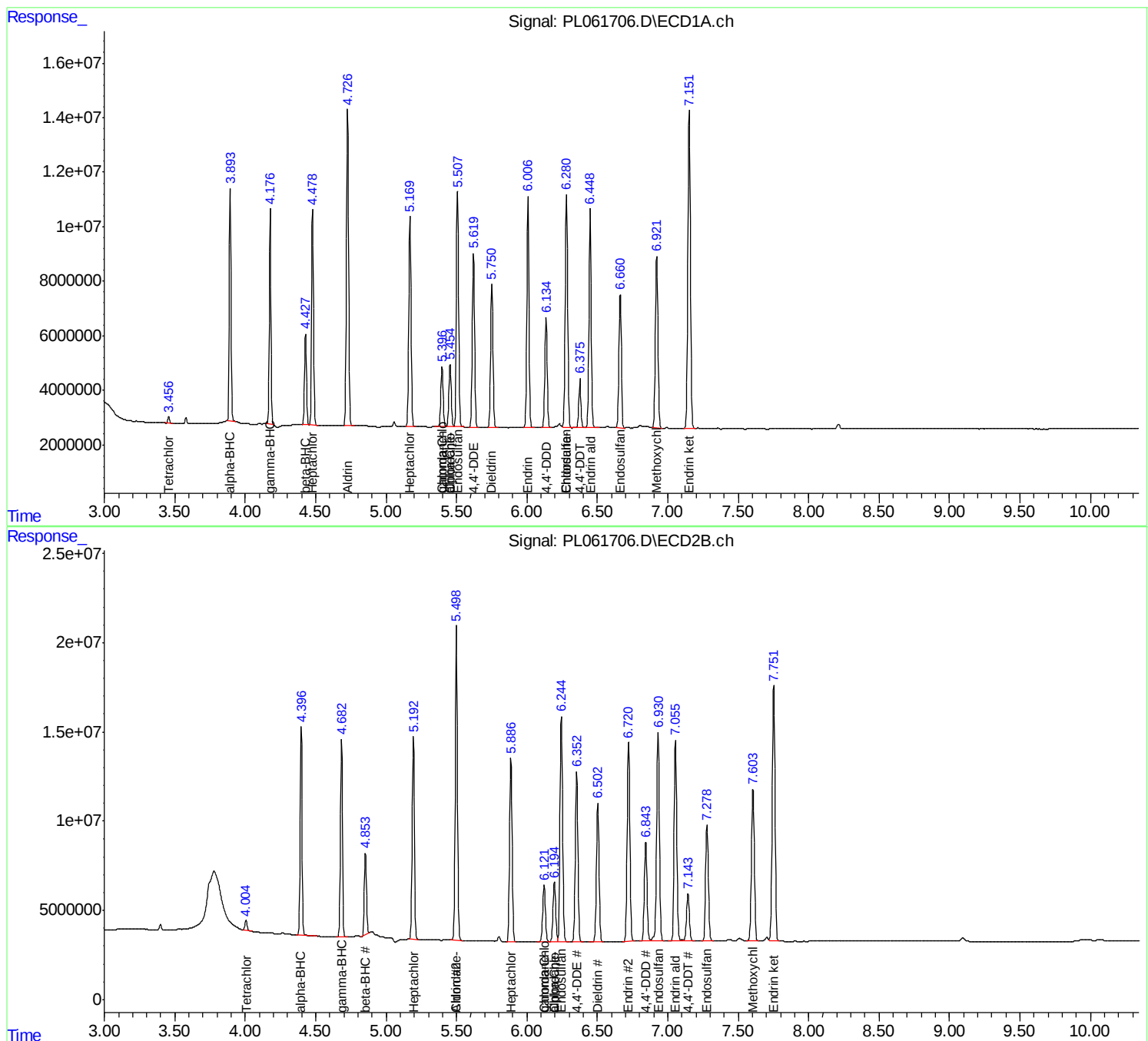
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

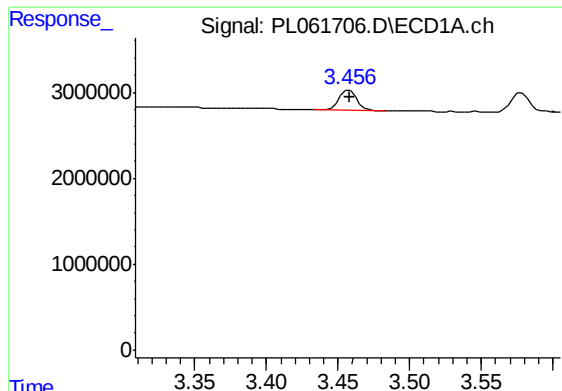
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092320\  
Data File : PL061706.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Sep 2020 17:29  
Operator : DD\AJ  
Sample : L3971-09DL2 20X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PT-PEST-WPDL2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 24 07:11:02 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092320.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 23 13:58:40 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

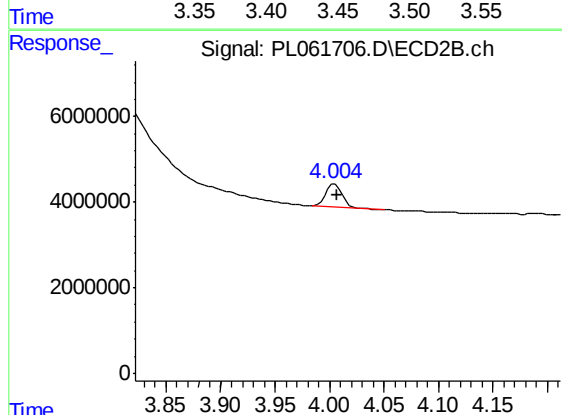




#1 Tetrachloro-m-xylene

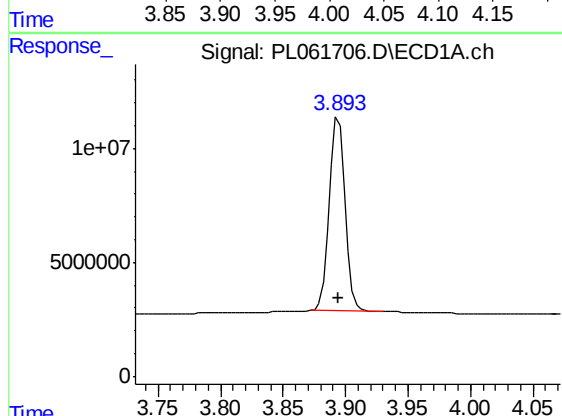
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 2036755  
Conc: 1.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



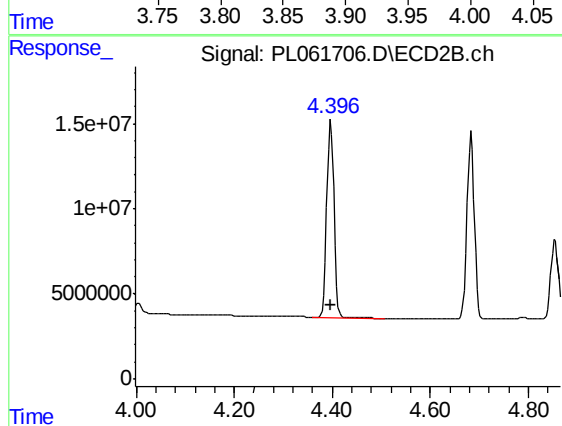
#1 Tetrachloro-m-xylene

R.T.: 4.005 min  
Delta R.T.: -0.002 min  
Response: 5558554  
Conc: 2.04 ng/ml



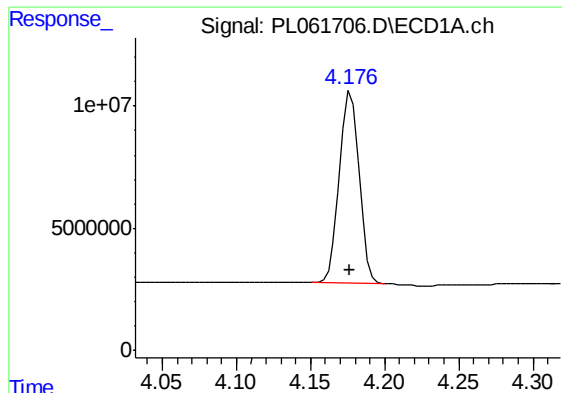
#2 alpha-BHC

R.T.: 3.894 min  
Delta R.T.: 0.000 min  
Response: 75436730  
Conc: 30.95 ng/ml



#2 alpha-BHC

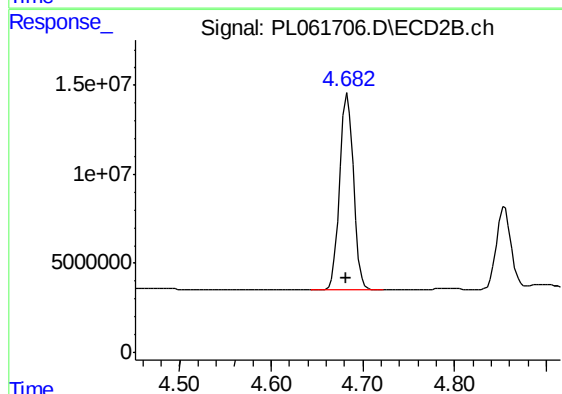
R.T.: 4.397 min  
Delta R.T.: 0.000 min  
Response: 117436474  
Conc: 29.40 ng/ml



#3 gamma-BHC (Lindane)

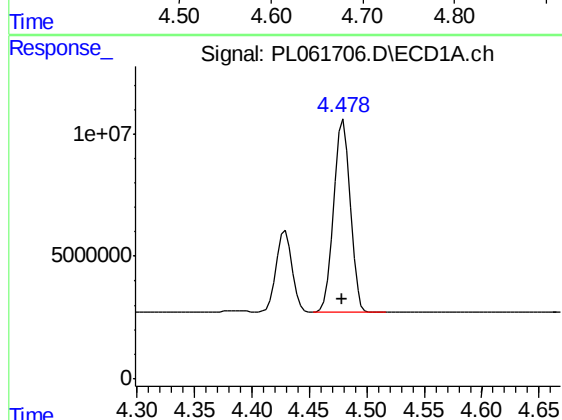
R.T.: 4.177 min  
Delta R.T.: 0.000 min  
Response: 72750439  
Conc: 33.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



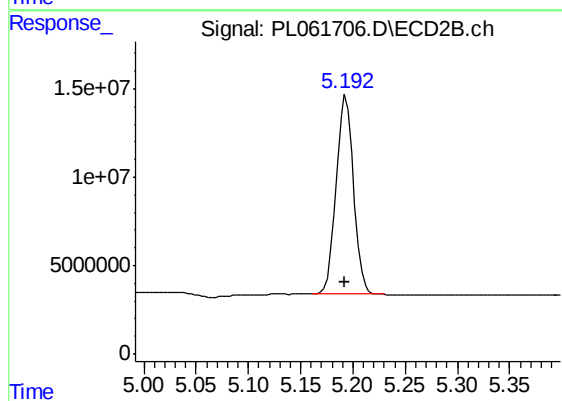
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.002 min  
Response: 115576927  
Conc: 31.22 ng/ml



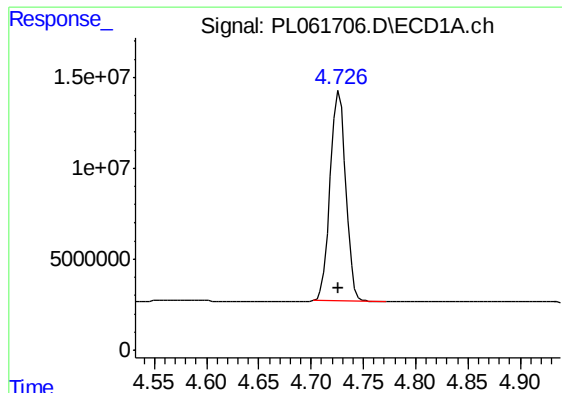
#4 Heptachlor

R.T.: 4.479 min  
Delta R.T.: 0.000 min  
Response: 79674495  
Conc: 39.04 ng/ml



#4 Heptachlor

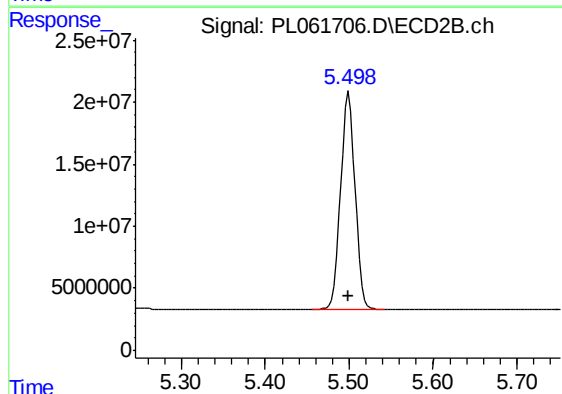
R.T.: 5.194 min  
Delta R.T.: 0.000 min  
Response: 130351370  
Conc: 37.64 ng/ml



#5 Aldrin

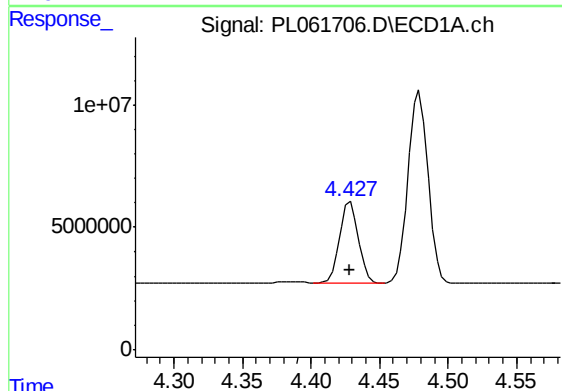
R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 120006221  
Conc: 66.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



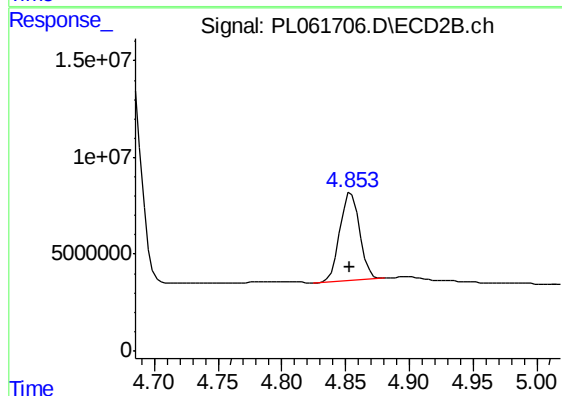
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 207772638  
Conc: 64.14 ng/ml



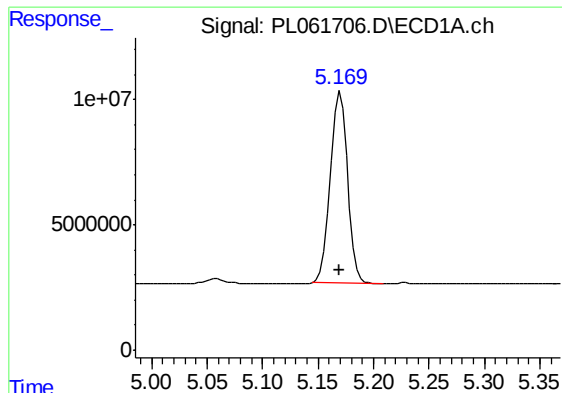
#6 beta-BHC

R.T.: 4.429 min  
Delta R.T.: 0.000 min  
Response: 31629602  
Conc: 34.63 ng/ml



#6 beta-BHC

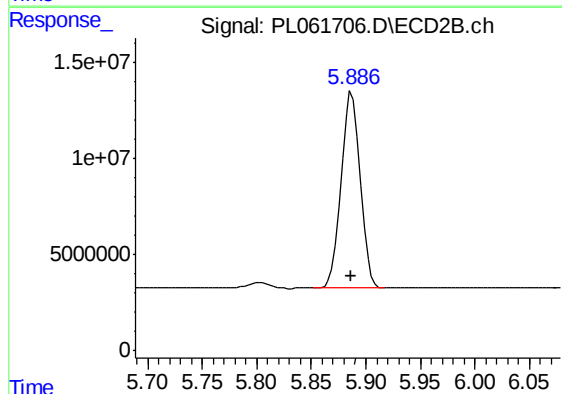
R.T.: 4.855 min  
Delta R.T.: 0.001 min  
Response: 48654142  
Conc: 32.22 ng/ml



#8 Heptachlor epoxide

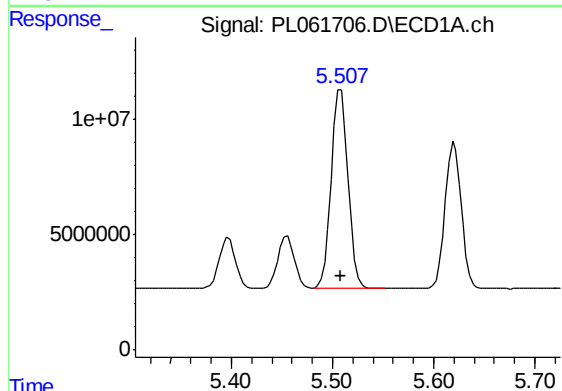
R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 82721898  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



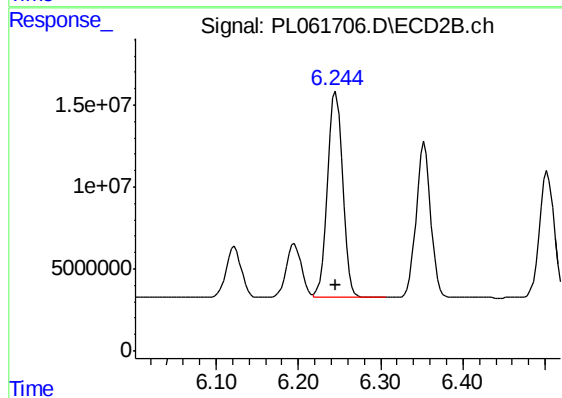
#8 Heptachlor epoxide

R.T.: 5.887 min  
Delta R.T.: 0.001 min  
Response: 125131566  
Conc: 50.49 ng/ml



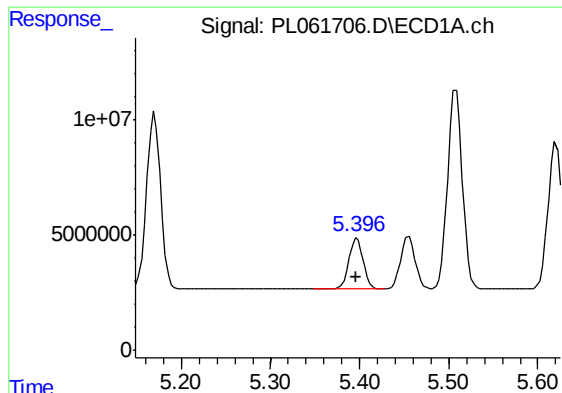
#9 Endosulfan I

R.T.: 5.508 min  
Delta R.T.: 0.000 min  
Response: 99426403  
Conc: 61.36 ng/ml



#9 Endosulfan I

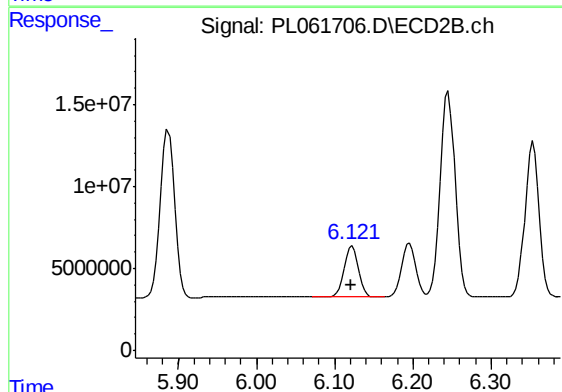
R.T.: 6.246 min  
Delta R.T.: 0.001 min  
Response: 161853727  
Conc: 58.59 ng/ml



#10 gamma-Chlordane

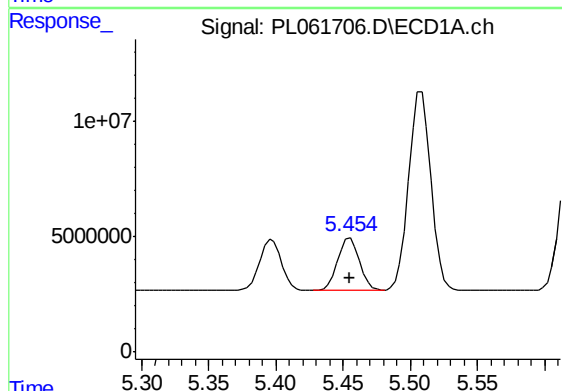
R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 24759391  
Conc: 14.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



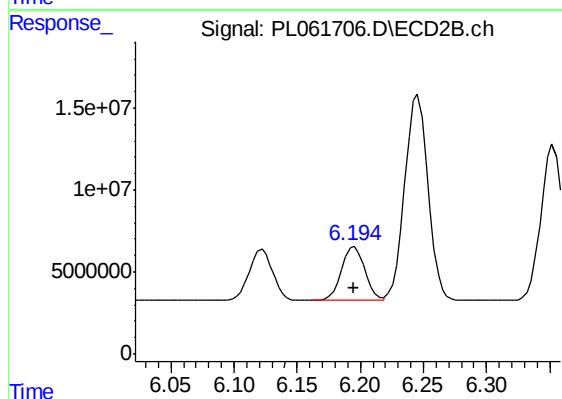
#10 gamma-Chlordane

R.T.: 6.123 min  
Delta R.T.: 0.001 min  
Response: 40152495  
Conc: 13.67 ng/ml



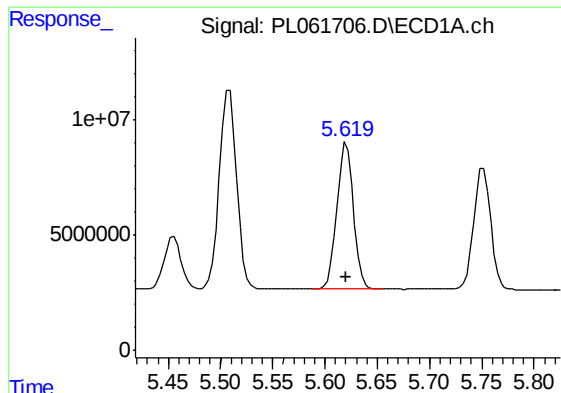
#11 alpha-Chlordane

R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 25892059  
Conc: 14.91 ng/ml



#11 alpha-Chlordane

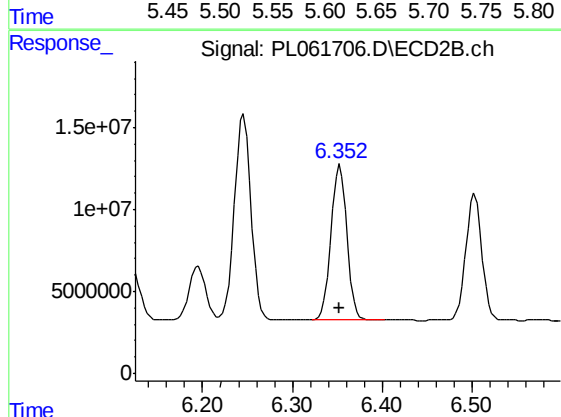
R.T.: 6.196 min  
Delta R.T.: 0.001 min  
Response: 42495979  
Conc: 14.15 ng/ml



#12 4,4'-DDE

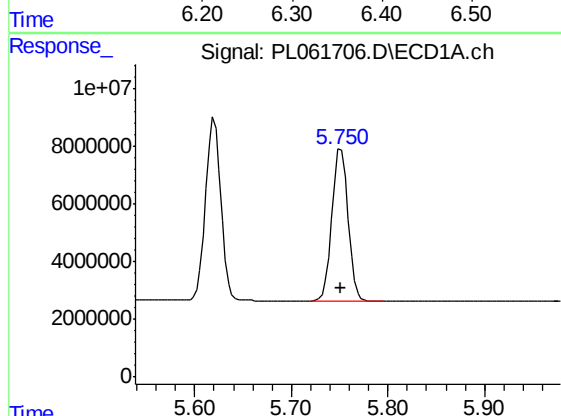
R.T.: 5.621 min  
Delta R.T.: 0.001 min  
Response: 70163822  
Conc: 44.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



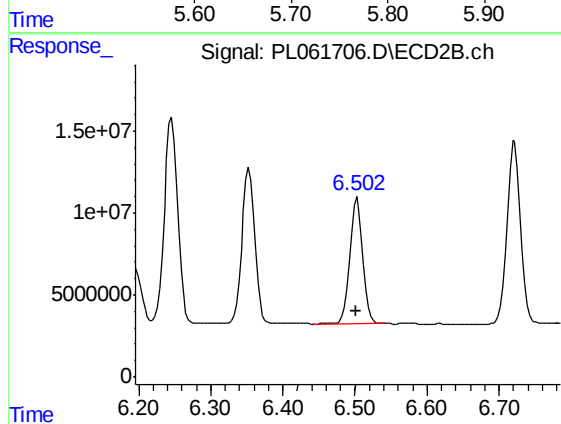
#12 4,4'-DDE

R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 116781131  
Conc: 42.78 ng/ml



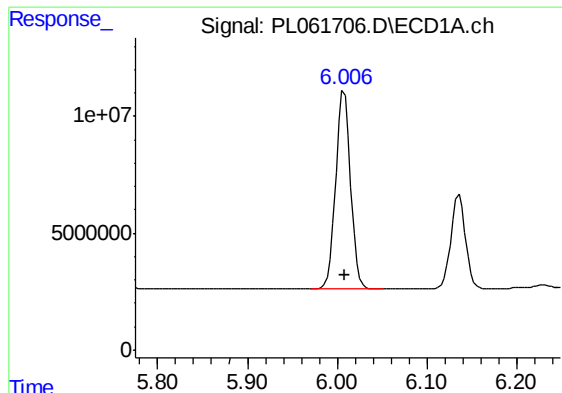
#13 Dieldrin

R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 59586684  
Conc: 35.43 ng/ml



#13 Dieldrin

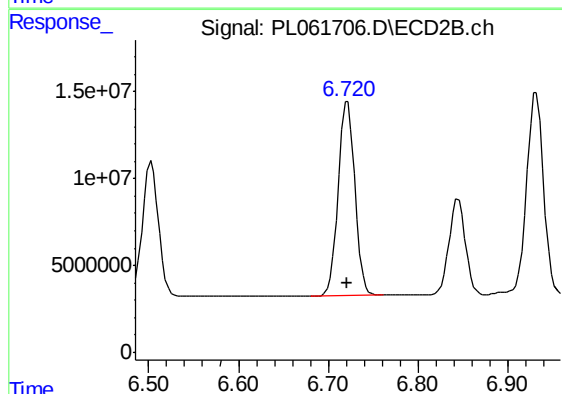
R.T.: 6.503 min  
Delta R.T.: 0.000 min  
Response: 96108477  
Conc: 33.88 ng/ml



#14 Endrin

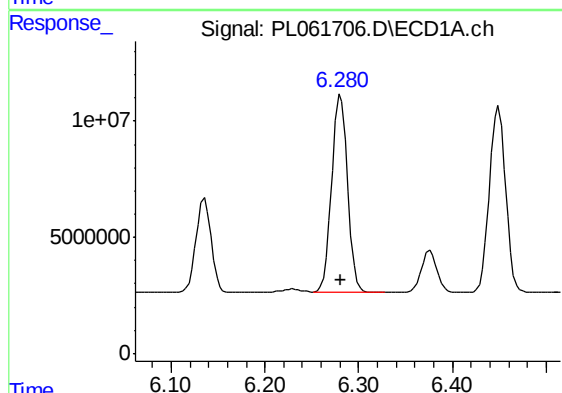
R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 97274476  
Conc: 61.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



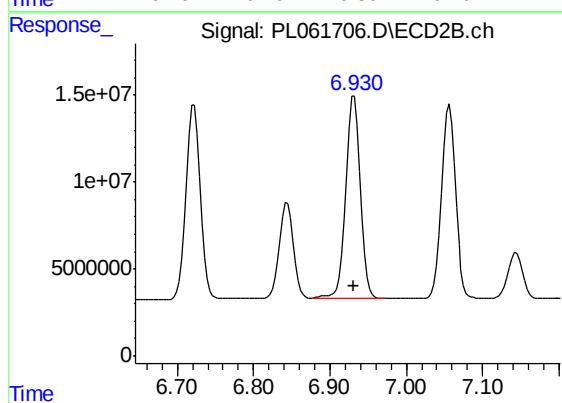
#14 Endrin

R.T.: 6.722 min  
Delta R.T.: 0.000 min  
Response: 144402688  
Conc: 59.19 ng/ml



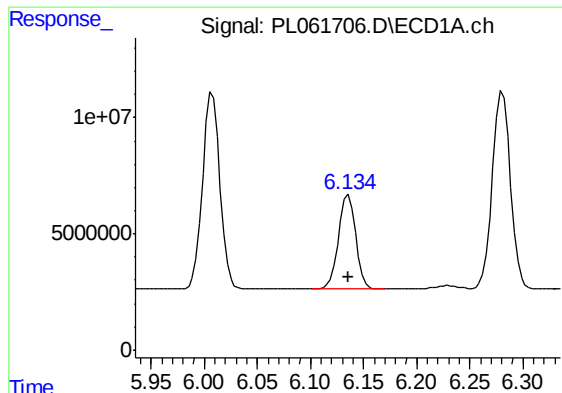
#15 Endosulfan II

R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 100255002  
Conc: 62.01 ng/ml



#15 Endosulfan II

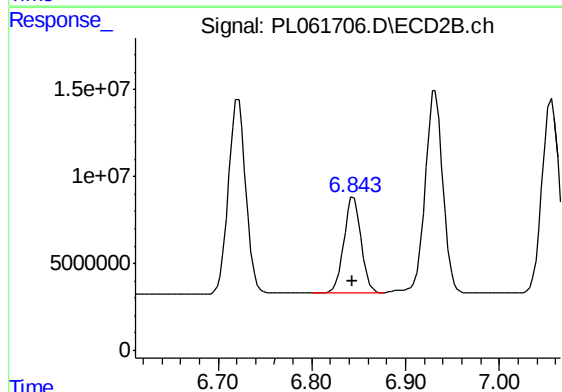
R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 154542669  
Conc: 59.79 ng/ml



#16 4,4'-DDD

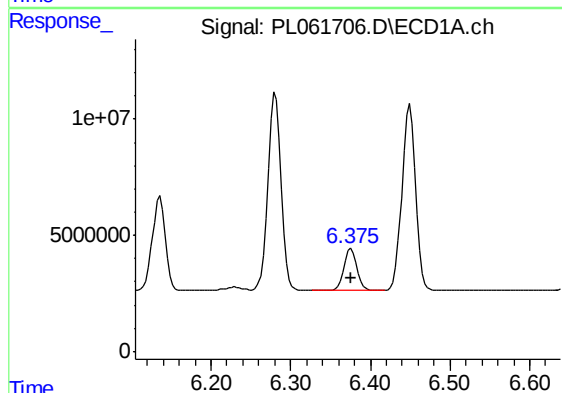
R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 44996247  
Conc: 33.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



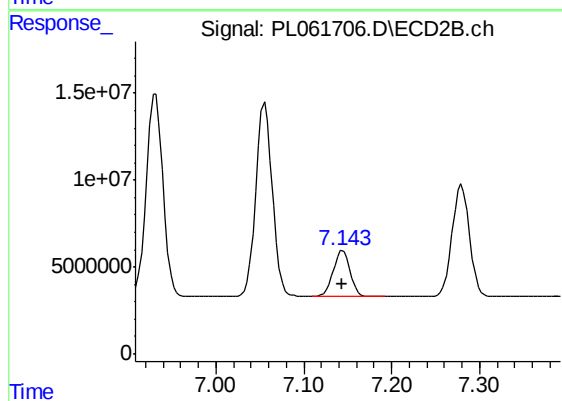
#16 4,4'-DDD

R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 70636127  
Conc: 31.77 ng/ml



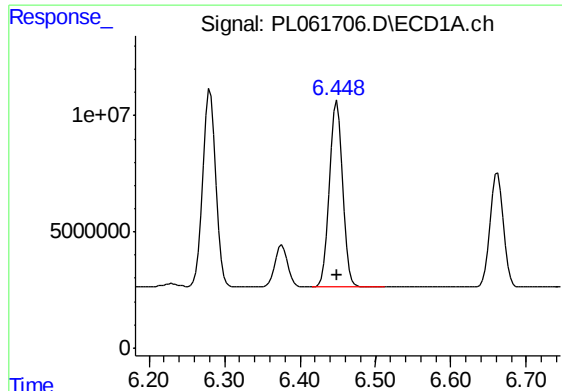
#17 4,4'-DDT

R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 21256591  
Conc: 16.85 ng/ml



#17 4,4'-DDT

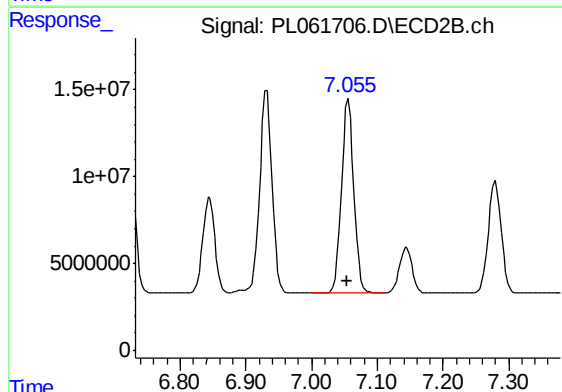
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 35644715  
Conc: 16.28 ng/ml



#18 Endrin aldehyde

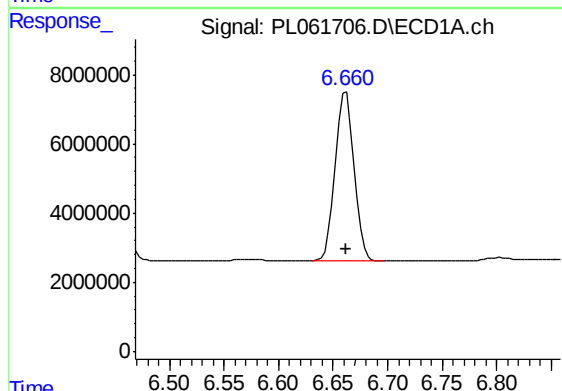
R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 96074921  
Conc: 68.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



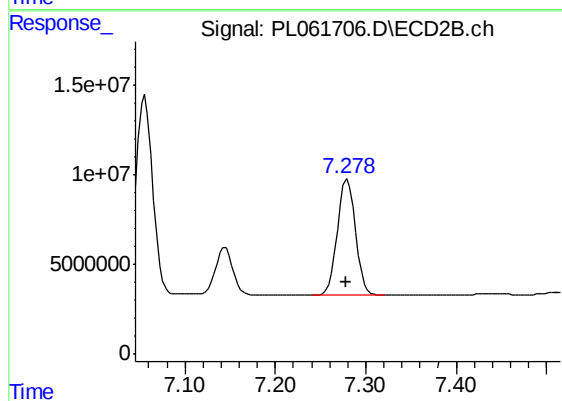
#18 Endrin aldehyde

R.T.: 7.056 min  
Delta R.T.: 0.000 min  
Response: 146093684  
Conc: 68.25 ng/ml



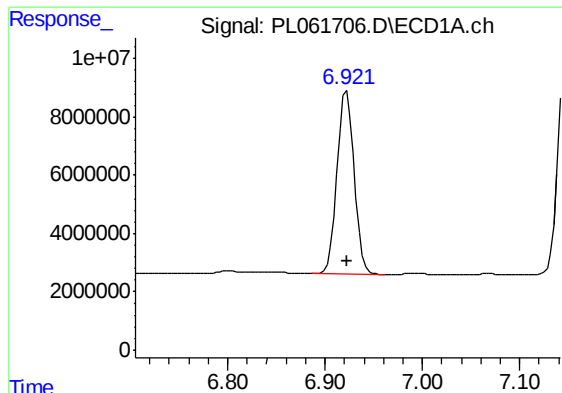
#19 Endosulfan Sulfate

R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 59336192  
Conc: 38.35 ng/ml



#19 Endosulfan Sulfate

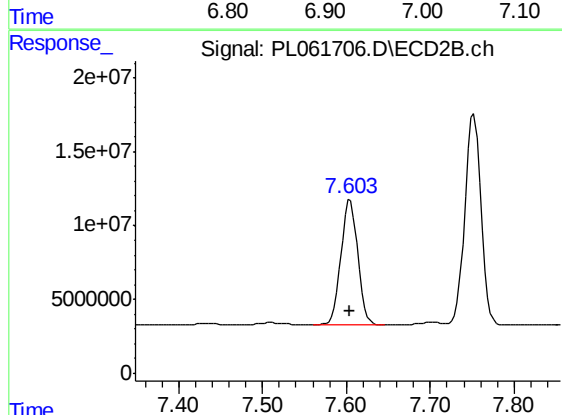
R.T.: 7.280 min  
Delta R.T.: 0.001 min  
Response: 88764111  
Conc: 37.91 ng/ml



#20 Methoxychlor

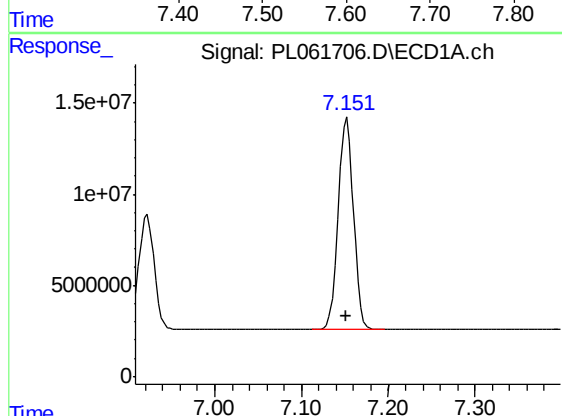
R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 77735754  
Conc: 96.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



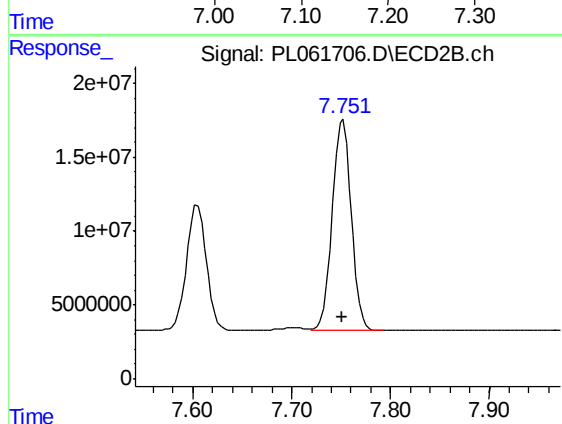
#20 Methoxychlor

R.T.: 7.605 min  
Delta R.T.: 0.000 min  
Response: 116946371  
Conc: 92.82 ng/ml



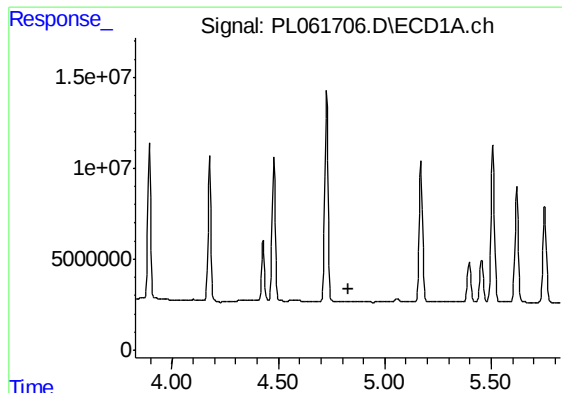
#21 Endrin ketone

R.T.: 7.153 min  
Delta R.T.: 0.001 min  
Response: 142033212  
Conc: 83.11 ng/ml



#21 Endrin ketone

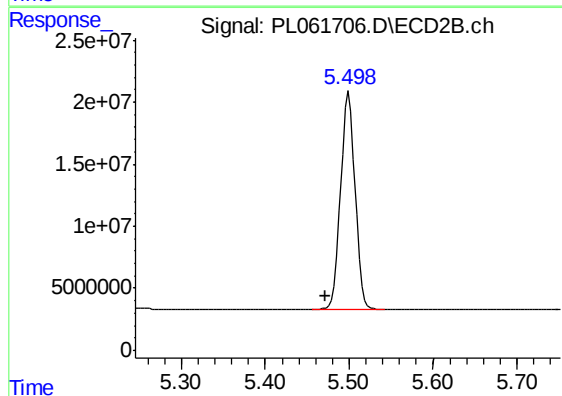
R.T.: 7.752 min  
Delta R.T.: 0.001 min  
Response: 190649770  
Conc: 81.23 ng/ml



#24 Chlordane-2

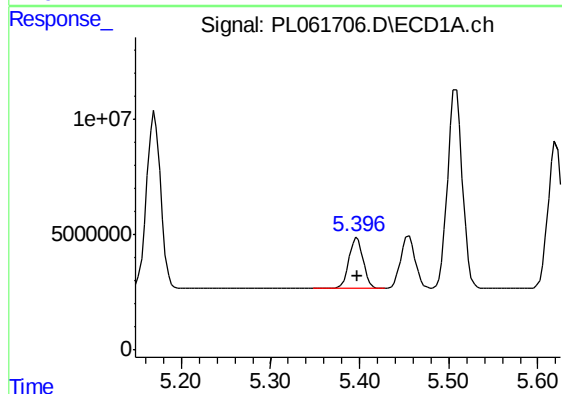
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



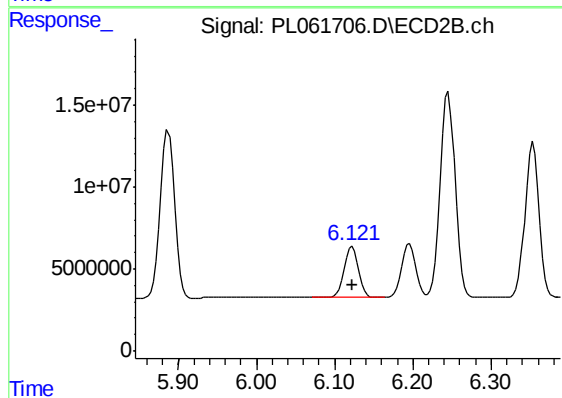
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.027 min  
Response: 207772638  
Conc: 2019.08 ng/ml



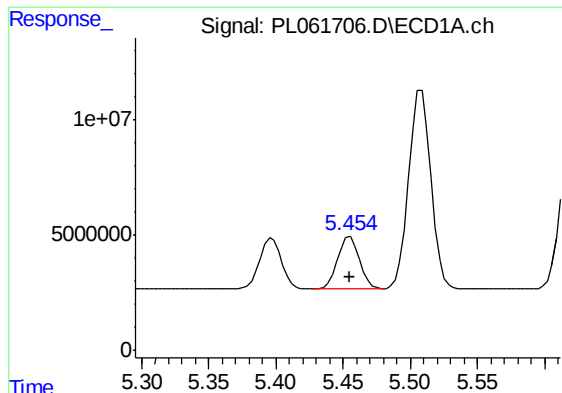
#25 Chlordane-3

R.T.: 5.397 min  
Delta R.T.: 0.000 min  
Response: 24759391  
Conc: 157.52 ng/ml



#25 Chlordane-3

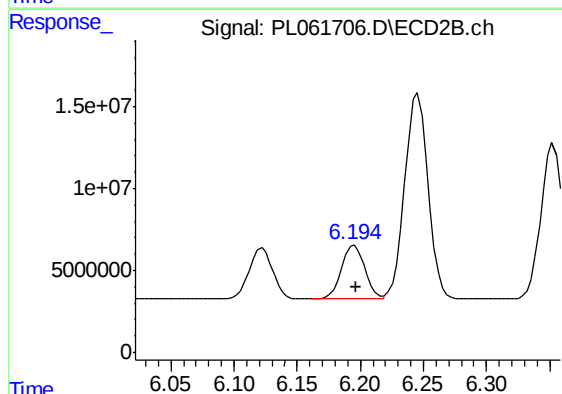
R.T.: 6.123 min  
Delta R.T.: 0.000 min  
Response: 40152495  
Conc: 109.58 ng/ml



#26 Chlordane-4

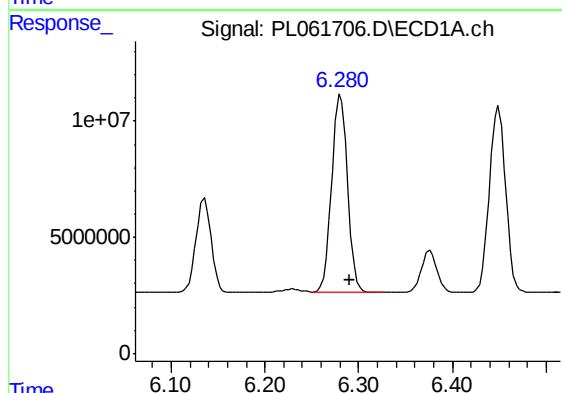
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 25892059  
Conc: 198.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



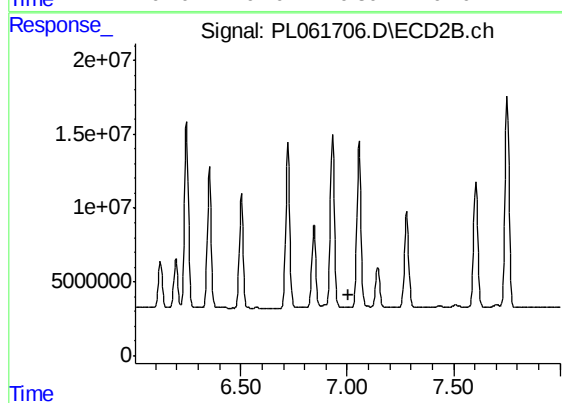
#26 Chlordane-4

R.T.: 6.196 min  
Delta R.T.: -0.001 min  
Response: 42495979  
Conc: 94.66 ng/ml



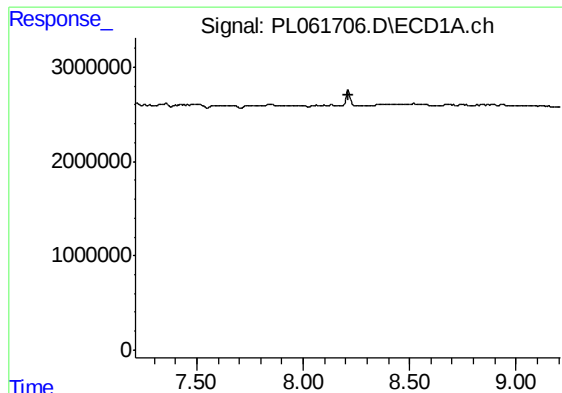
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 100255002  
Conc: 1838.65 ng/ml



#27 Chlordane-5

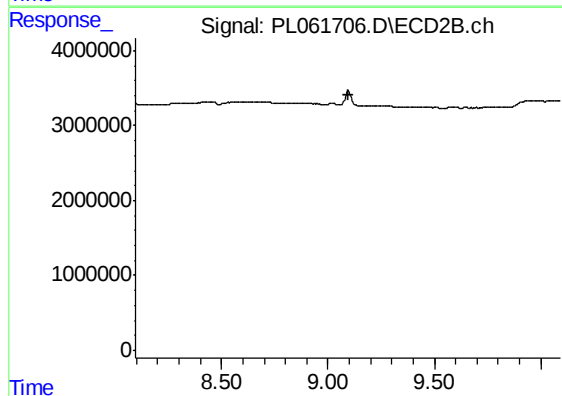
R.T.: 0.000 min  
Exp R.T. : 7.004 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 8.211 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PT-PEST-WPDL2



#28 Decachlorobiphenyl

R.T.: 0.000 min  
Exp R.T. : 9.095 min  
Response: 0  
Conc: N.D.