

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091820\  
 Data File : PL061614.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Sep 2020 20:42  
 Operator : DD\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: Sep 19 00:43:46 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  | 85422728 | 153.0E6  | 49.529   | 49.735     |
| 28)                         | SA Decachlor... | 8.210 | 9.095  | 72142252 | 103.4E6  | 43.242   | 43.741     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.398  | 129.8E6  | 237.3E6  | 50.732   | 51.382     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.683  | 117.0E6  | 217.8E6  | 51.251   | 50.776     |
| 4)                          | MA Heptachlor   | 4.480 | 5.194  | 105.7E6  | 192.1E6  | 49.249   | 49.150     |
| 5)                          | MB Aldrin       | 4.728 | 5.500  | 96707286 | 183.0E6  | 50.369   | 48.433     |
| 6)                          | B beta-BHC      | 4.430 | 4.854  | 47859543 | 88155620 | 49.823   | 50.481     |
| 7)                          | B delta-BHC     | 4.633 | 5.072  | 111.1E6  | 186.0E6  | 51.296   | 58.321     |
| 8)                          | B Heptachlo...  | 5.170 | 5.887  | 90569237 | 176.3E6  | 48.608   | 59.038     |
| 9)                          | A Endosulfan I  | 5.509 | 6.245  | 84090993 | 151.9E6  | 48.878   | 47.346     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.122  | 91065718 | 165.4E6  | 49.157   | 47.965     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.195  | 89971351 | 161.0E6  | 48.568   | 46.272     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.353  | 85243606 | 148.8E6  | 50.131   | 46.427     |
| 13)                         | MA Dieldrin     | 5.752 | 6.503  | 88605198 | 155.3E6  | 49.363   | 47.351     |
| 14)                         | MA Endrin       | 6.008 | 6.721  | 79312813 | 134.9E6  | 47.195   | 48.263     |
| 15)                         | B Endosulfa...  | 6.281 | 6.931  | 82225414 | 130.4E6  | 48.062   | 44.149     |
| 16)                         | A 4,4'-DDD      | 6.136 | 6.845  | 75002110 | 125.2E6  | 51.898   | 48.750     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.144  | 65057612 | 112.2E6  | 47.381   | 44.810     |
| 18)                         | B Endrin al...  | 6.449 | 7.056  | 68047236 | 112.1E6  | 46.225   | 45.829     |
| 19)                         | B Endosulfa...  | 6.662 | 7.279  | 76709069 | 121.7E6  | 46.609   | 44.490     |
| 20)                         | A Methoxychlor  | 6.922 | 7.605  | 41278716 | 64514480 | 48.220   | 44.850     |
| 21)                         | B Endrin ke...  | 7.151 | 7.751  | 85343506 | 130.1E6  | 46.669   | 47.939     |
| 22)                         | Mirex           | 7.340 | 8.208  | 63460897 | 84790237 | 42.441   | 44.035     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 183.0E6  | N.D.     | 1498.396 # |
| 25)                         | Chlordane-3     | 5.398 | 6.122  | 91065718 | 165.4E6  | 549.096  | 382.787 #  |
| 26)                         | Chlordane-4     | 5.456 | 6.195  | 89971351 | 161.0E6  | 653.644  | 307.614 #  |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 82225414 | 0        | 1462.908 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

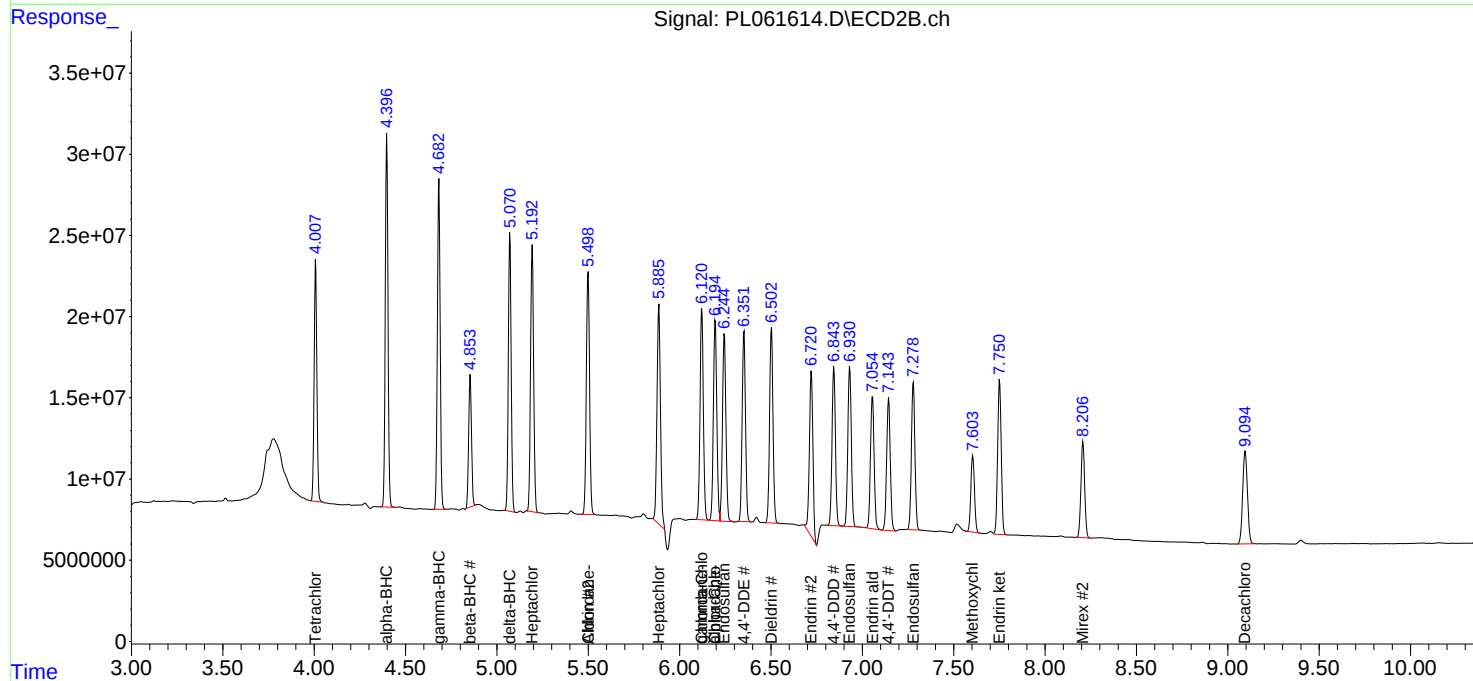
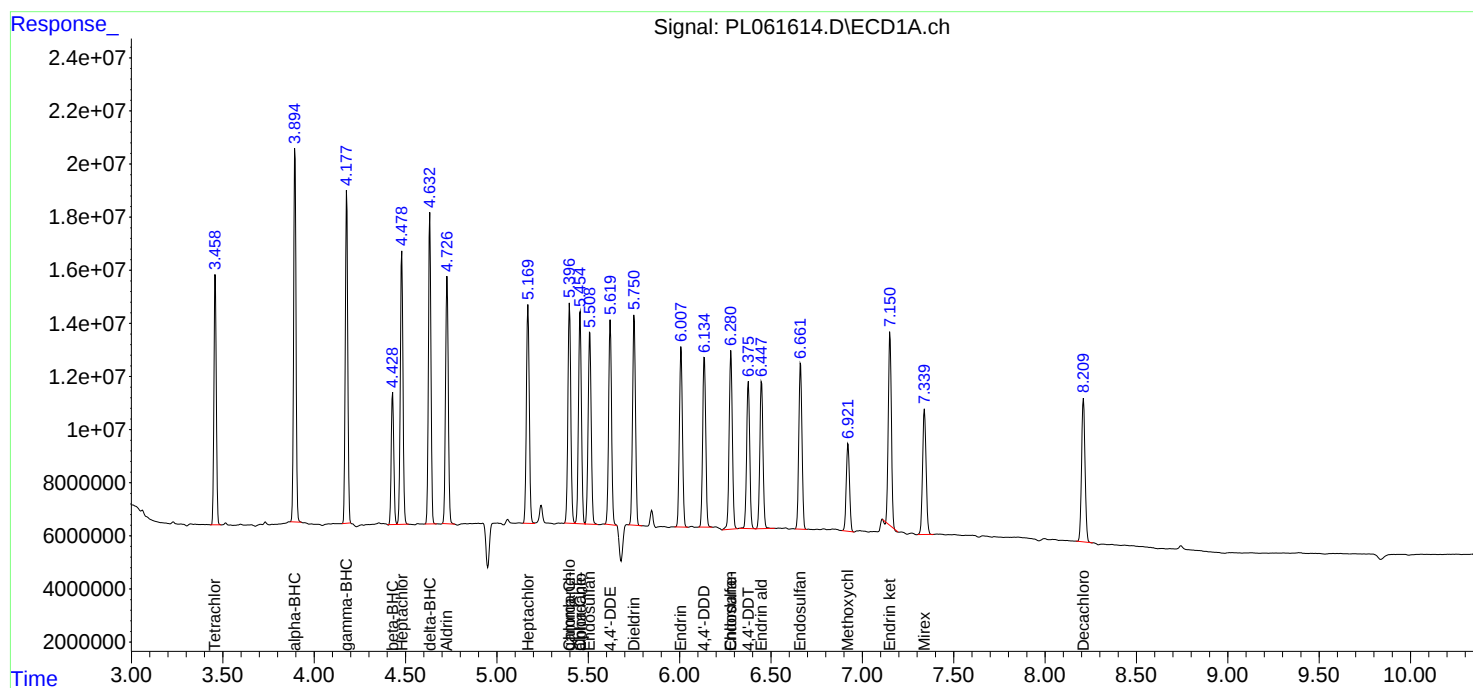
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

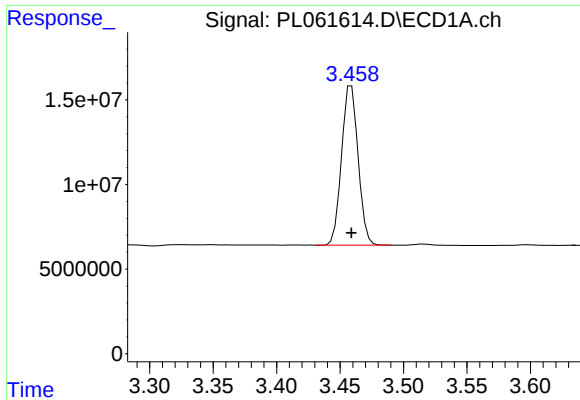
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091820\  
Data File : PL061614.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Sep 2020 20:42  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 19 00:43:46 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

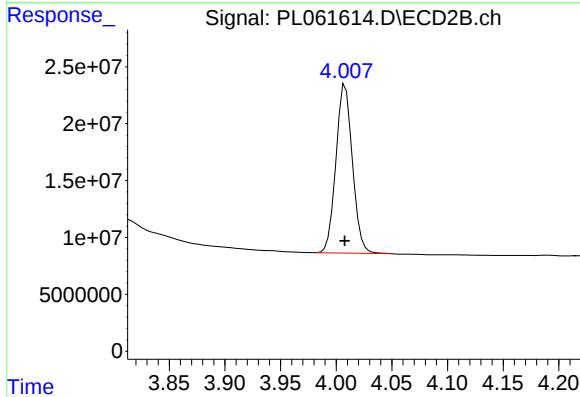




#1 Tetrachloro-m-xylene

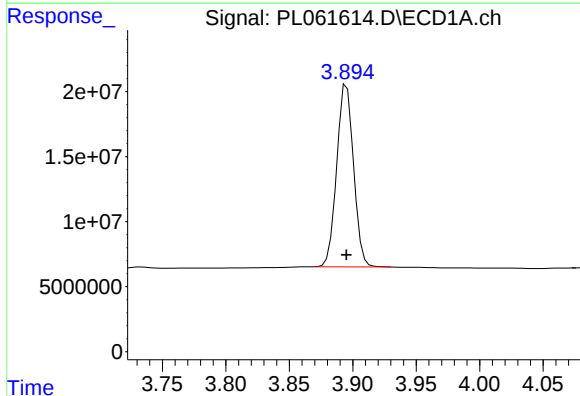
R.T.: 3.459 min  
Delta R.T.: 0.000 min  
Response: 85422728  
Conc: 49.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



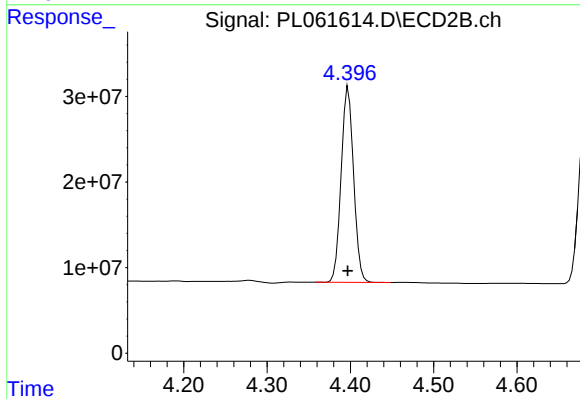
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 152984712  
Conc: 49.74 ng/ml



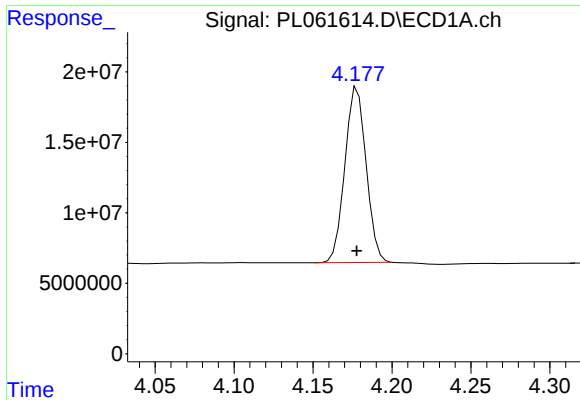
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 129831082  
Conc: 50.73 ng/ml



#2 alpha-BHC

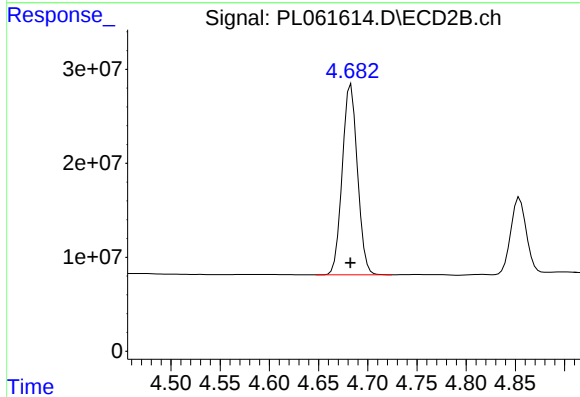
R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 237290242  
Conc: 51.38 ng/ml



#3 gamma-BHC (Lindane)

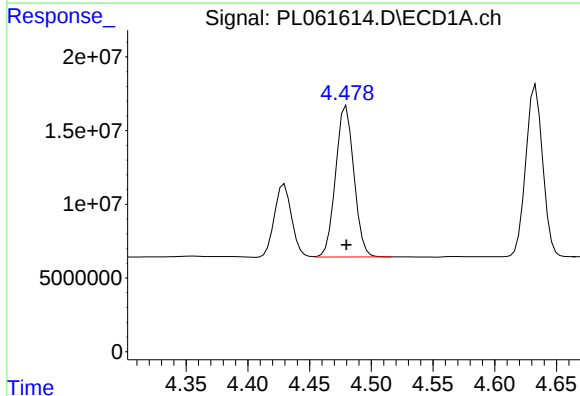
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 116974082  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



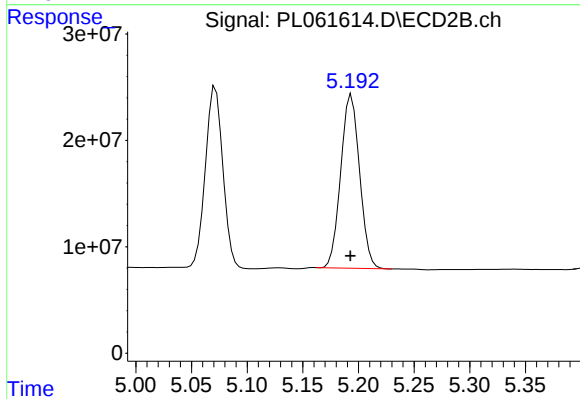
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: 0.000 min  
Response: 217845316  
Conc: 50.78 ng/ml



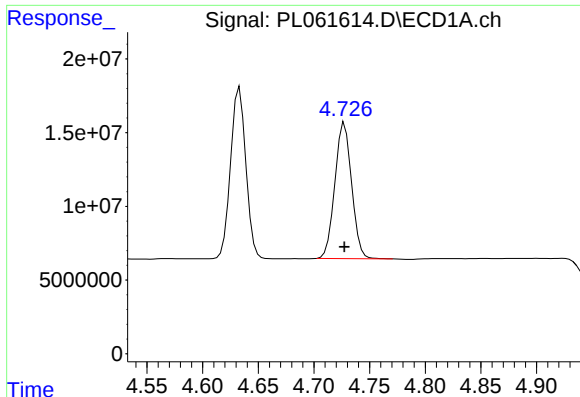
#4 Heptachlor

R.T.: 4.480 min  
Delta R.T.: 0.000 min  
Response: 105664087  
Conc: 49.25 ng/ml



#4 Heptachlor

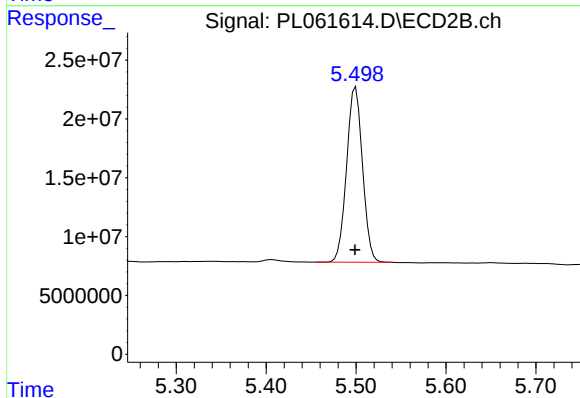
R.T.: 5.194 min  
Delta R.T.: 0.001 min  
Response: 192141553  
Conc: 49.15 ng/ml



#5 Aldrin

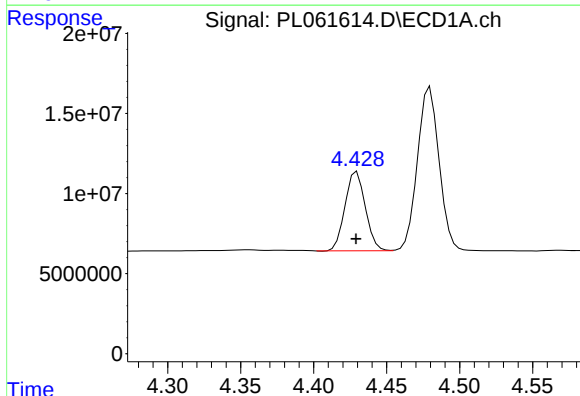
R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 96707286  
Conc: 50.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



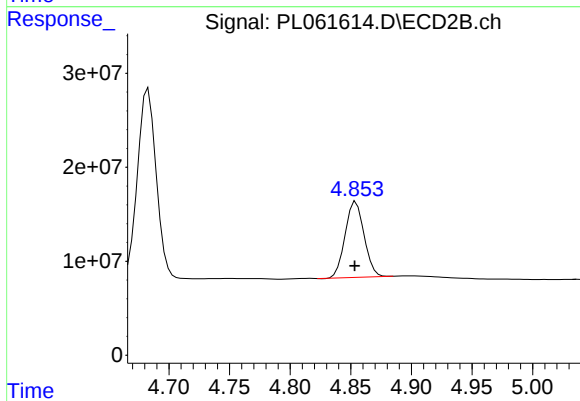
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: 0.000 min  
Response: 183009773  
Conc: 48.43 ng/ml



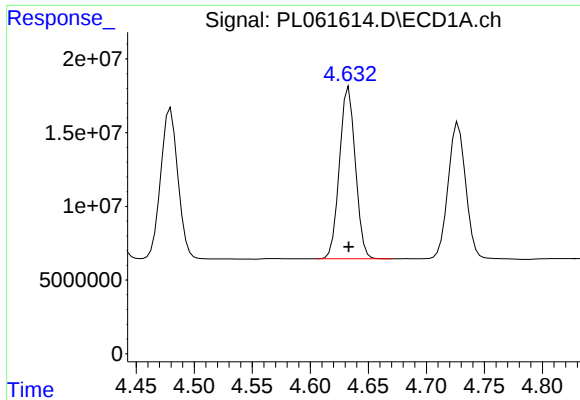
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 47859543  
Conc: 49.82 ng/ml



#6 beta-BHC

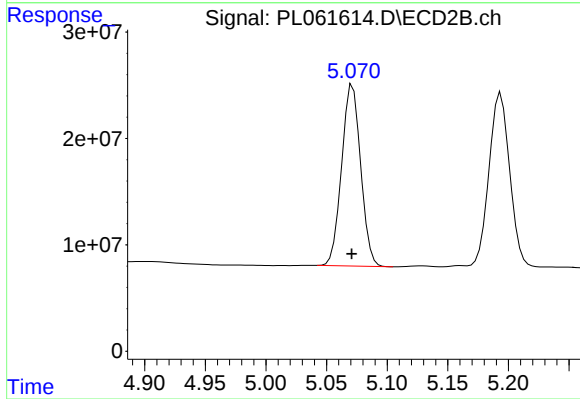
R.T.: 4.854 min  
Delta R.T.: 0.000 min  
Response: 88155620  
Conc: 50.48 ng/ml



#7 delta-BHC

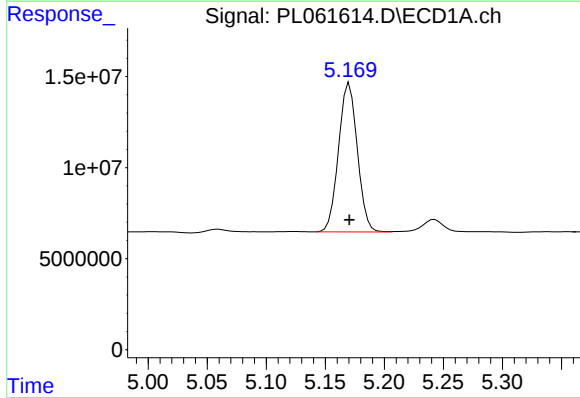
R.T.: 4.633 min  
Delta R.T.: 0.000 min  
Response: 111119152  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



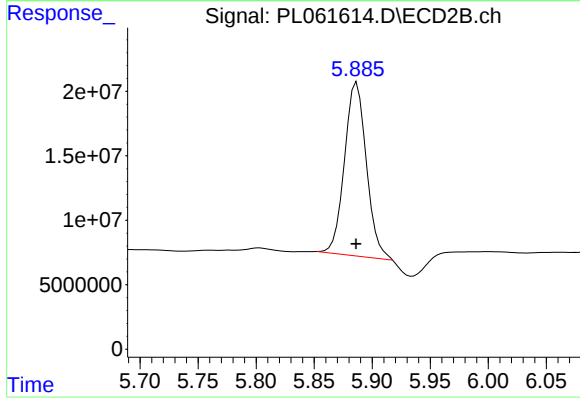
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: 0.000 min  
Response: 186015122  
Conc: 58.32 ng/ml



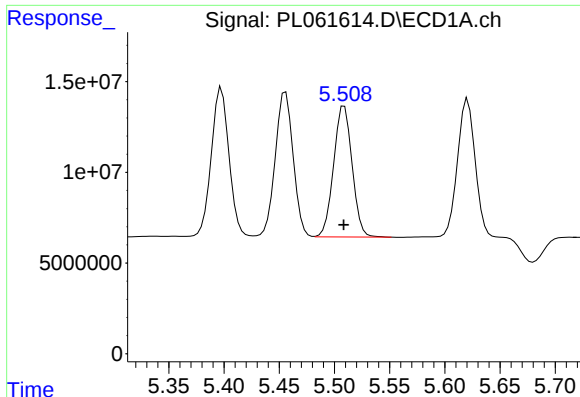
#8 Heptachlor epoxide

R.T.: 5.170 min  
Delta R.T.: 0.000 min  
Response: 90569237  
Conc: 48.61 ng/ml



#8 Heptachlor epoxide

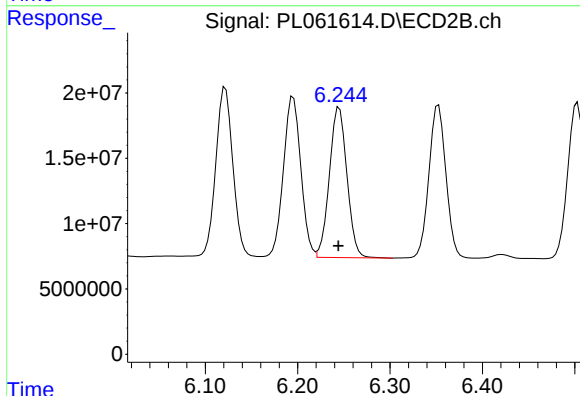
R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 176280585  
Conc: 59.04 ng/ml



#9 Endosulfan I

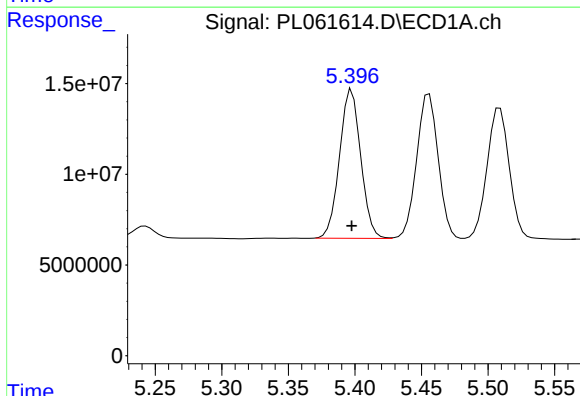
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 84090993  
Conc: 48.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



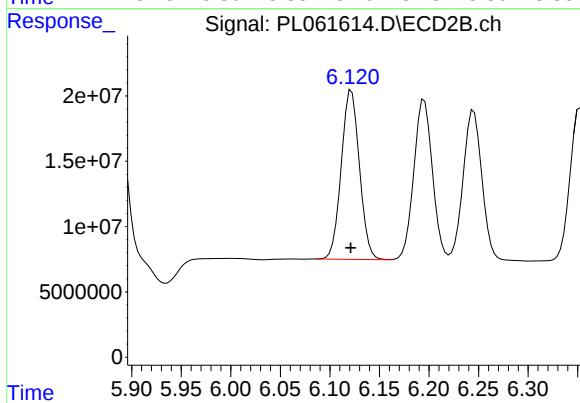
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 151881101  
Conc: 47.35 ng/ml



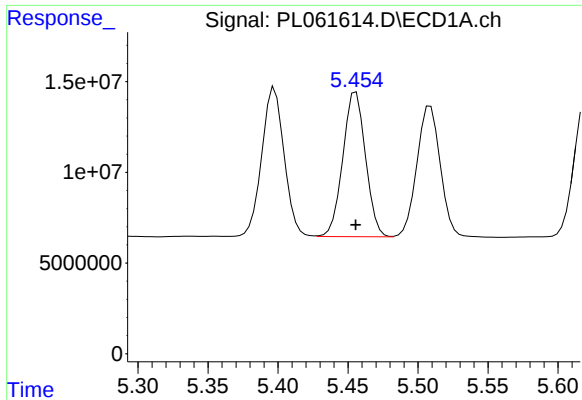
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 91065718  
Conc: 49.16 ng/ml



#10 gamma-Chlordane

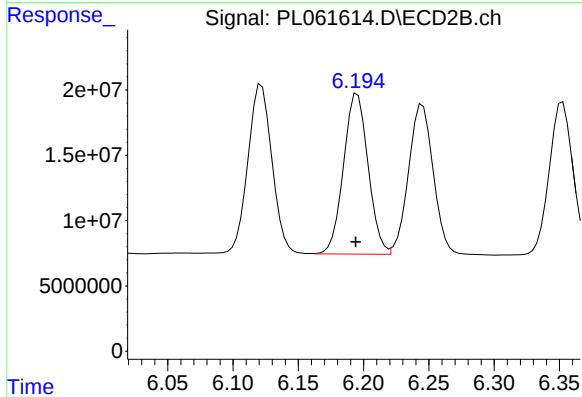
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 165355626  
Conc: 47.97 ng/ml



#11 alpha-Chlordane

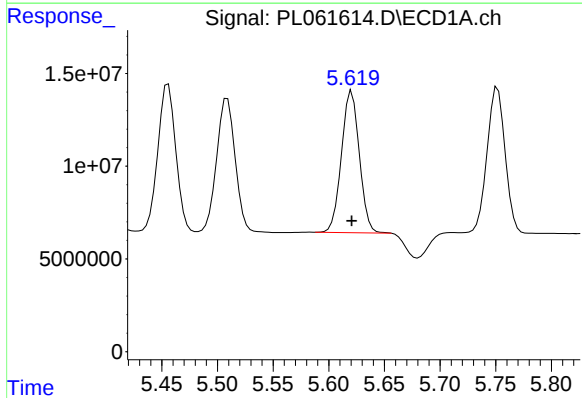
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 89971351  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



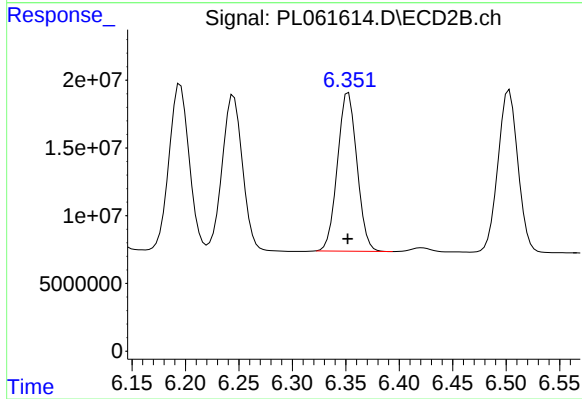
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: 0.001 min  
Response: 161028054  
Conc: 46.27 ng/ml



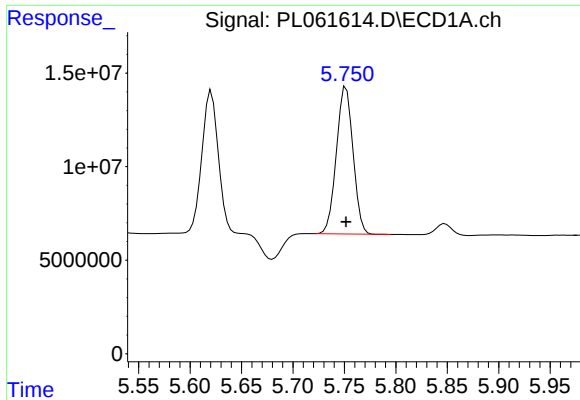
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 85243606  
Conc: 50.13 ng/ml



#12 4,4'-DDE

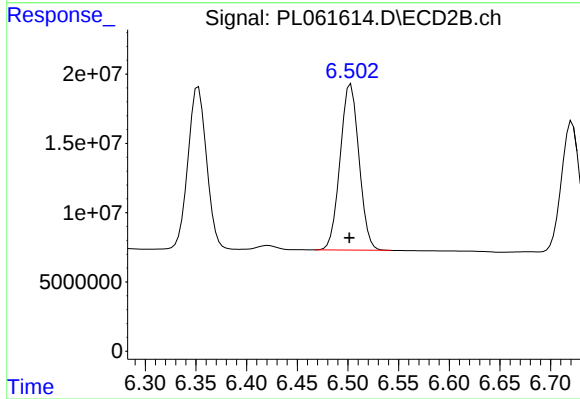
R.T.: 6.353 min  
Delta R.T.: 0.000 min  
Response: 148818016  
Conc: 46.43 ng/ml



#13 Dieldrin

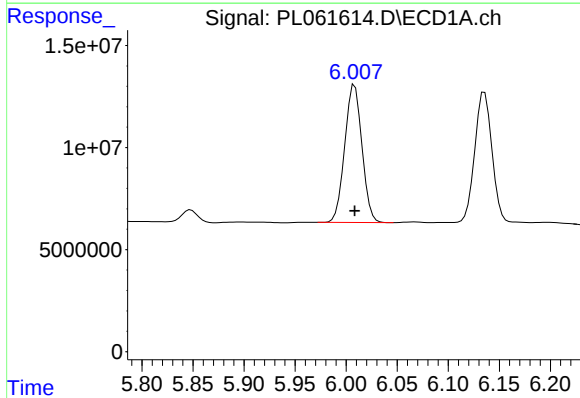
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 88605198  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



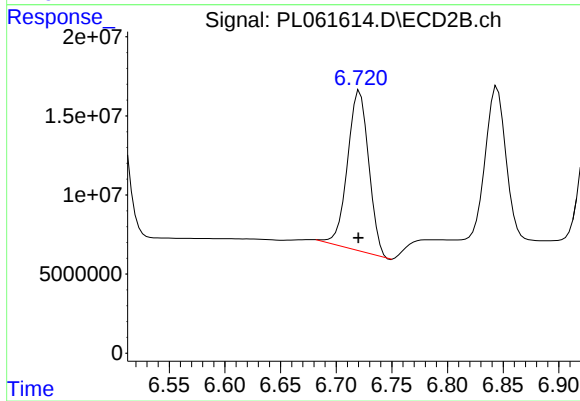
#13 Dieldrin

R.T.: 6.503 min  
Delta R.T.: 0.001 min  
Response: 155251452  
Conc: 47.35 ng/ml



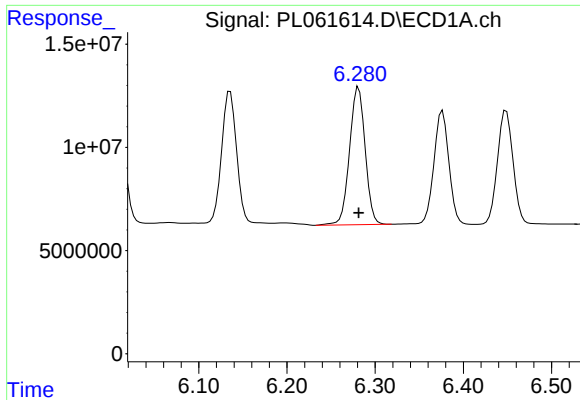
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 79312813  
Conc: 47.19 ng/ml



#14 Endrin

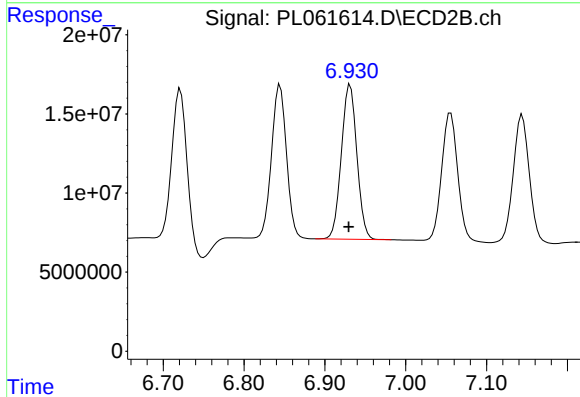
R.T.: 6.721 min  
Delta R.T.: 0.001 min  
Response: 134948647  
Conc: 48.26 ng/ml



#15 Endosulfan II

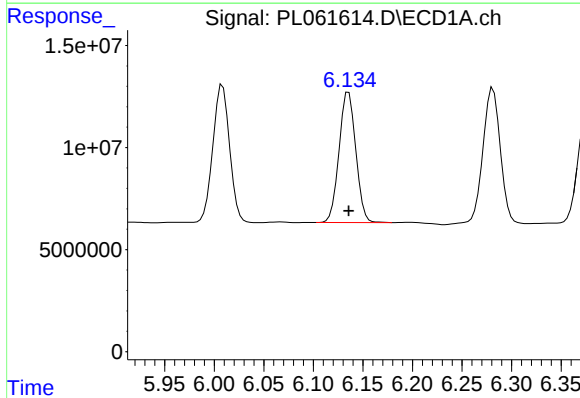
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 82225414  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



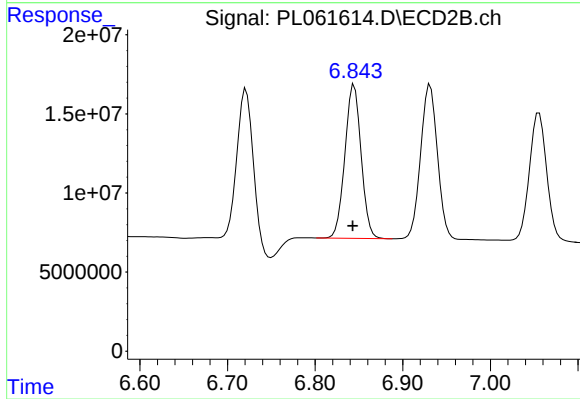
#15 Endosulfan II

R.T.: 6.931 min  
Delta R.T.: 0.002 min  
Response: 130408621  
Conc: 44.15 ng/ml



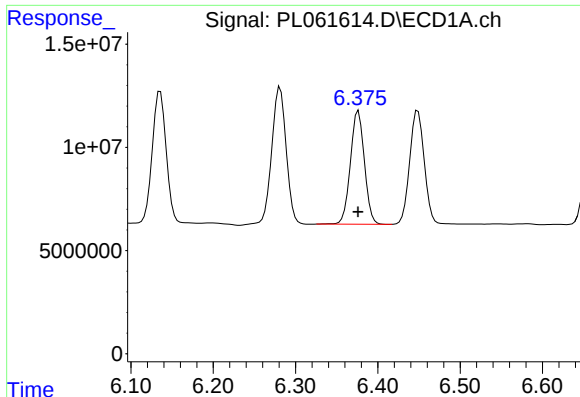
#16 4,4'-DDD

R.T.: 6.136 min  
Delta R.T.: 0.000 min  
Response: 75002110  
Conc: 51.90 ng/ml



#16 4,4'-DDD

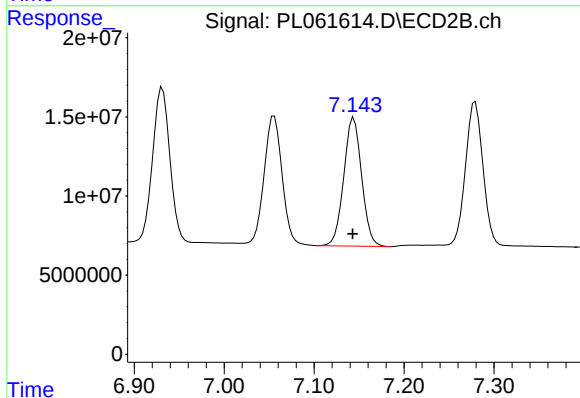
R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 125189360  
Conc: 48.75 ng/ml



#17 4,4'-DDT

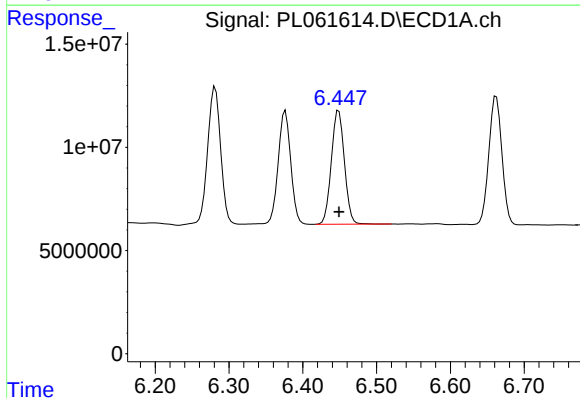
R.T.: 6.377 min  
Delta R.T.: 0.000 min  
Response: 65057612  
Conc: 47.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



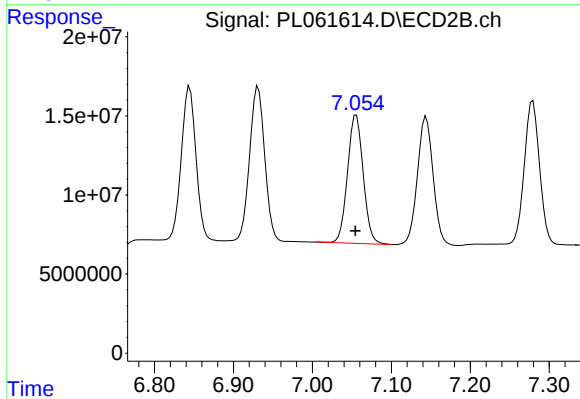
#17 4,4'-DDT

R.T.: 7.144 min  
Delta R.T.: 0.001 min  
Response: 112165127  
Conc: 44.81 ng/ml



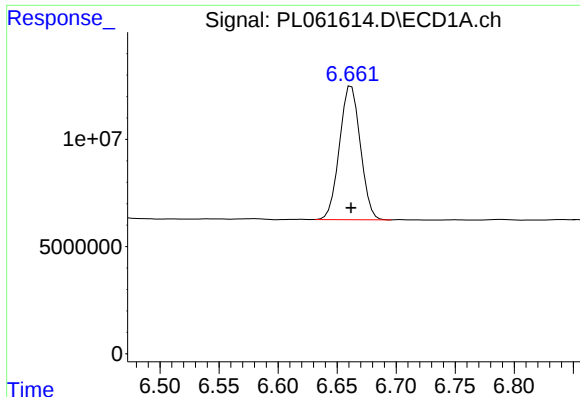
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 68047236  
Conc: 46.22 ng/ml



#18 Endrin aldehyde

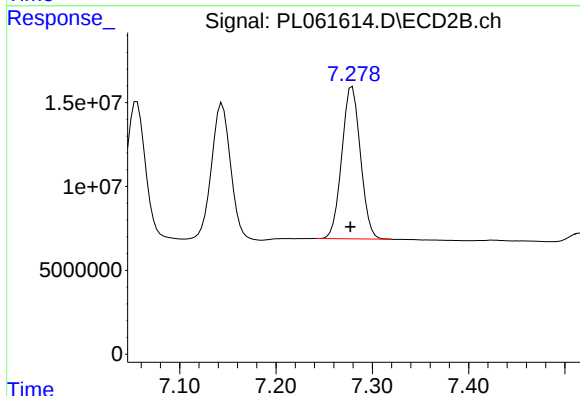
R.T.: 7.056 min  
Delta R.T.: 0.001 min  
Response: 112121601  
Conc: 45.83 ng/ml



#19 Endosulfan Sulfate

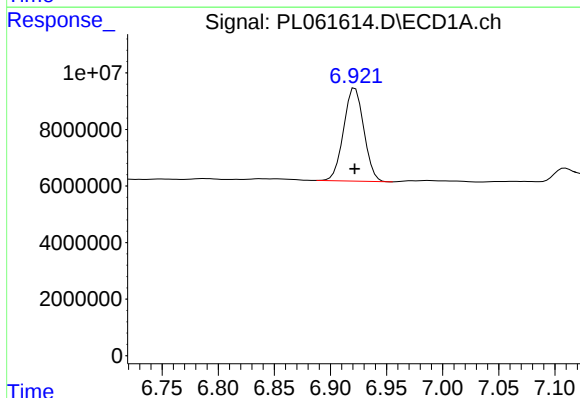
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 76709069  
Conc: 46.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



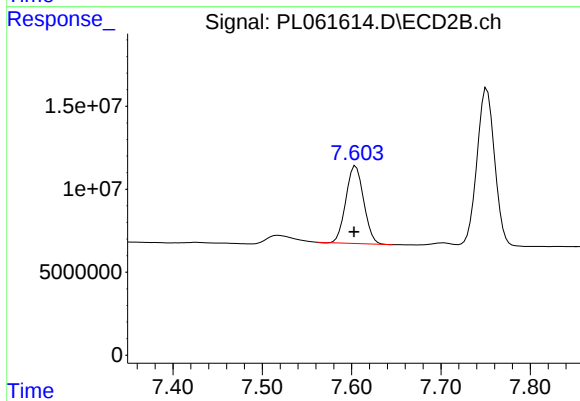
#19 Endosulfan Sulfate

R.T.: 7.279 min  
Delta R.T.: 0.002 min  
Response: 121711670  
Conc: 44.49 ng/ml



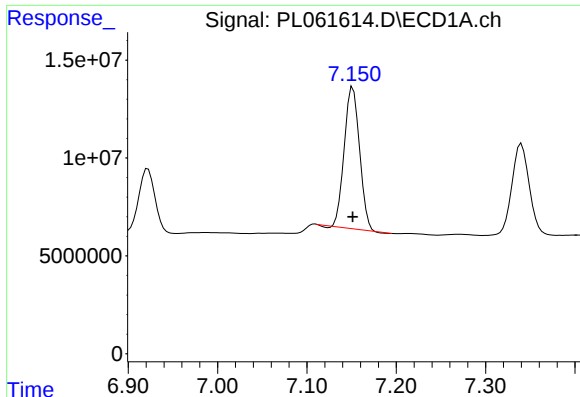
#20 Methoxychlor

R.T.: 6.922 min  
Delta R.T.: 0.000 min  
Response: 41278716  
Conc: 48.22 ng/ml



#20 Methoxychlor

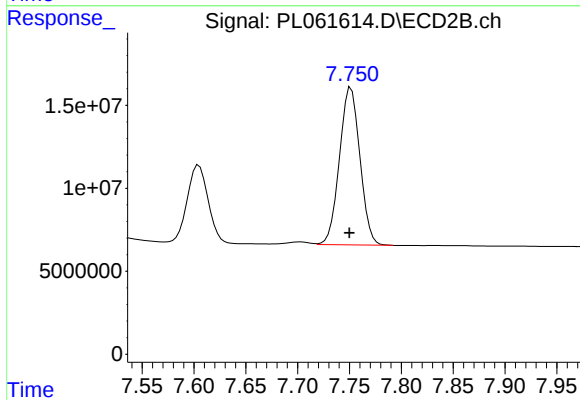
R.T.: 7.605 min  
Delta R.T.: 0.002 min  
Response: 64514480  
Conc: 44.85 ng/ml



#21 Endrin ketone

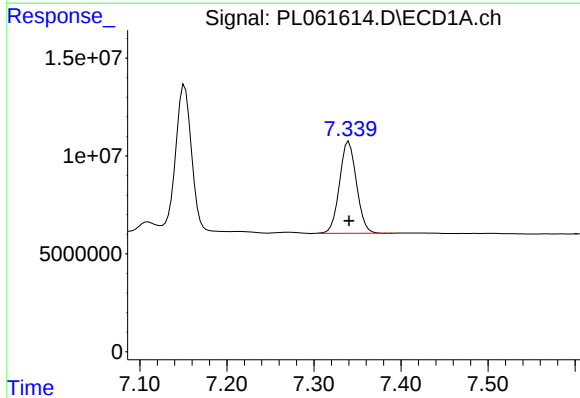
R.T.: 7.151 min  
Delta R.T.: 0.000 min  
Response: 85343506  
Conc: 46.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



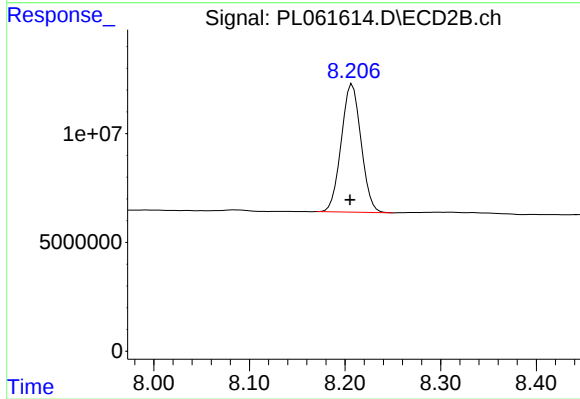
#21 Endrin ketone

R.T.: 7.751 min  
Delta R.T.: 0.002 min  
Response: 130144200  
Conc: 47.94 ng/ml



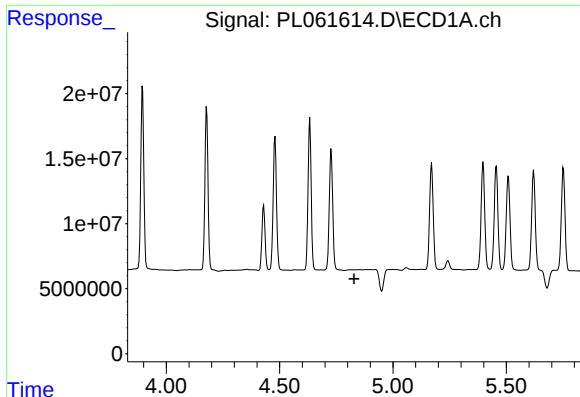
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 63460897  
Conc: 42.44 ng/ml



#22 Mirex

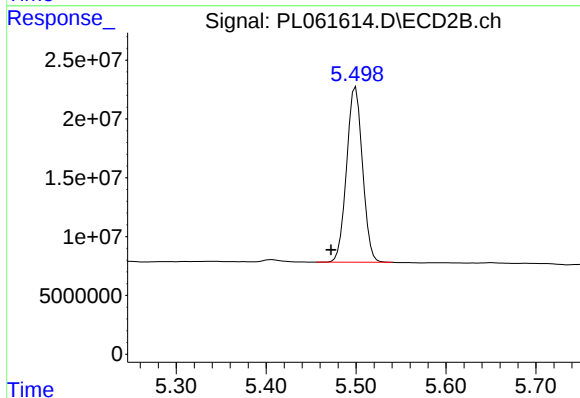
R.T.: 8.208 min  
Delta R.T.: 0.002 min  
Response: 84790237  
Conc: 44.03 ng/ml



#24 Chlordane-2

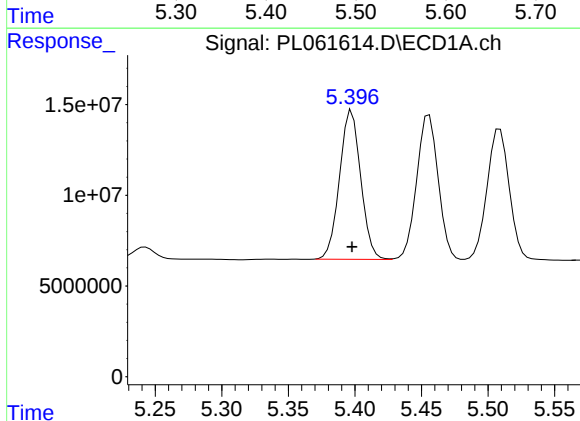
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



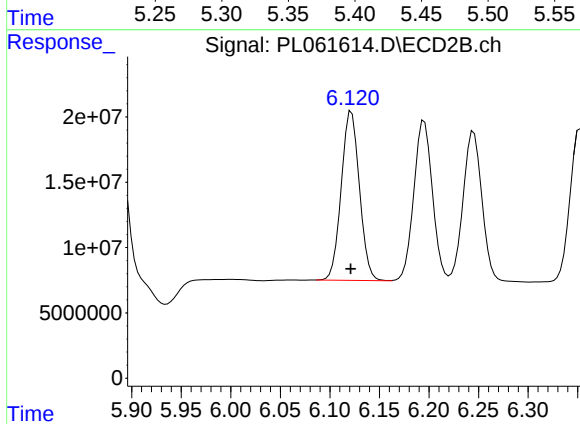
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.027 min  
Response: 183009773  
Conc: 1498.40 ng/ml



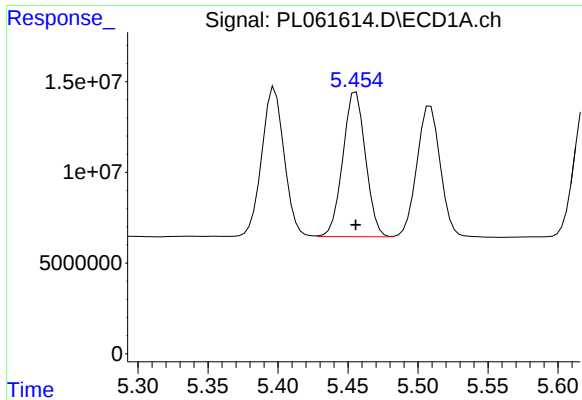
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 91065718  
Conc: 549.10 ng/ml



#25 Chlordane-3

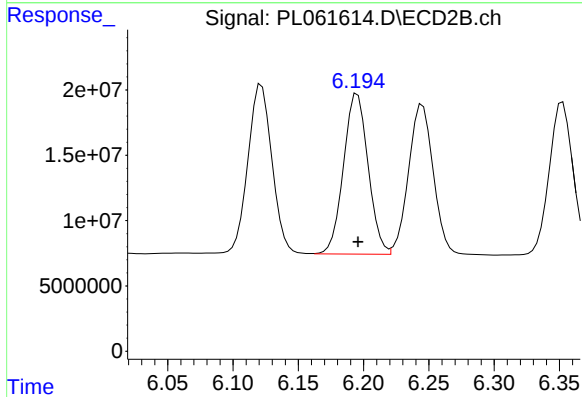
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 165355626  
Conc: 382.79 ng/ml



#26 Chlordane-4

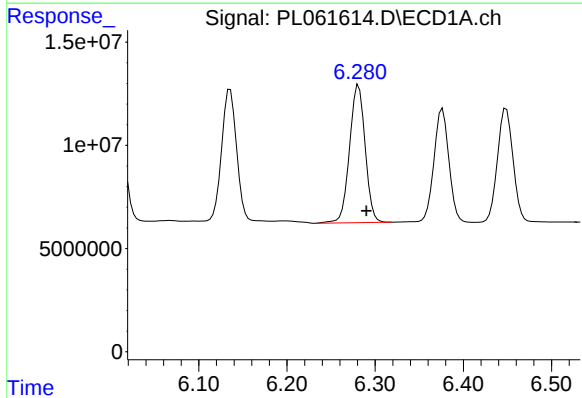
R.T.: 5.456 min  
Delta R.T.: 0.000 min  
Response: 89971351  
Conc: 653.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



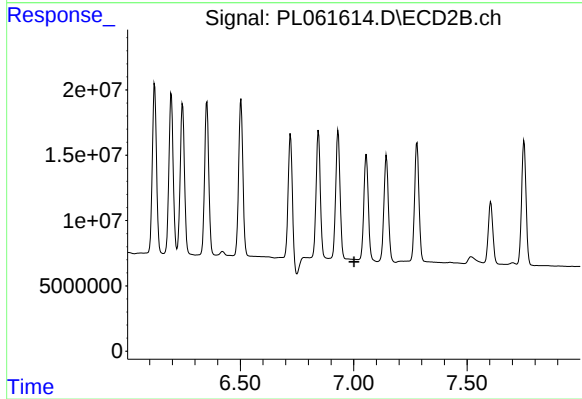
#26 Chlordane-4

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 161028054  
Conc: 307.61 ng/ml



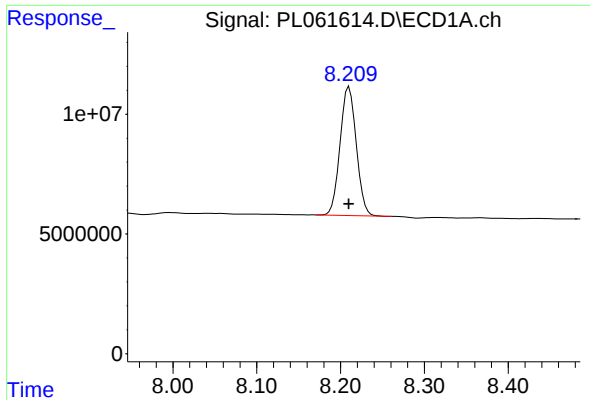
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 82225414  
Conc: 1462.91 ng/ml



#27 Chlordane-5

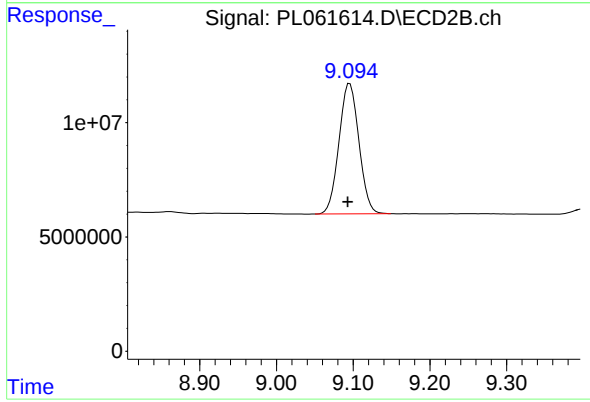
R.T.: 0.000 min  
Exp R.T.: 7.002 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 72142252  
Conc: 43.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.095 min  
Delta R.T.: 0.003 min  
Response: 103428080  
Conc: 43.74 ng/ml