

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102720\  
 Data File : PL062614.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Oct 2020 13:21  
 Operator : DD\AJ  
 Sample : PB132645BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 05:03:16 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 | 3.950  | 30815438 | 54002274 | 17.915   | 18.376     |
| 28)                         | SA Decachlor... | 8.128 | 8.990  | 32506695 | 43683353 | 20.262   | 20.872     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.844 | 4.337  | 115.0E6  | 210.7E6  | 45.091   | 47.414     |
| 3)                          | MA gamma-BHC... | 4.123 | 4.620  | 102.3E6  | 195.8E6  | 44.144   | 46.886     |
| 4)                          | MA Heptachlor   | 4.420 | 5.125  | 93517164 | 182.9E6  | 43.582   | 45.865     |
| 5)                          | MB Aldrin       | 4.665 | 5.428  | 85752125 | 172.2E6  | 44.926   | 47.564     |
| 6)                          | B beta-BHC      | 4.373 | 4.791  | 42257641 | 85355997 | 44.240   | 45.329     |
| 7)                          | B delta-BHC     | 4.573 | 5.006  | 97611305 | 183.6E6  | 44.915   | 52.475     |
| 8)                          | B Heptachlo...  | 5.103 | 5.813  | 83027982 | 160.0E6  | 45.505   | 49.399     |
| 9)                          | A Endosulfan I  | 5.439 | 6.169  | 76464115 | 144.4E6  | 45.743   | 45.780     |
| 10)                         | B gamma-Chl...  | 5.329 | 6.047  | 80989986 | 156.9E6  | 44.955   | 46.621     |
| 11)                         | B alpha-Chl...  | 5.386 | 6.119  | 80673903 | 156.5E6  | 44.626   | 46.455     |
| 12)                         | B 4,4'-DDE      | 5.552 | 6.279  | 75199932 | 149.8E6  | 45.453   | 46.489     |
| 13)                         | MA Dieldrin     | 5.680 | 6.425  | 79843797 | 146.7E6  | 45.187   | 45.843     |
| 14)                         | MA Endrin       | 5.935 | 6.643  | 65830484 | 113.2E6  | 39.567   | 40.570     |
| 15)                         | B Endosulfa...  | 6.207 | 6.852  | 74508793 | 126.1E6  | 45.194   | 44.113     |
| 16)                         | A 4,4'-DDD      | 6.063 | 6.767  | 69794023 | 125.9E6  | 49.342   | 49.174     |
| 17)                         | MA 4,4'-DDT     | 6.302 | 7.066  | 52777722 | 93586504 | 39.547   | 41.682     |
| 18)                         | B Endrin al...  | 6.374 | 6.976  | 66513840 | 110.6E6  | 45.806   | 48.507     |
| 19)                         | B Endosulfa...  | 6.586 | 7.199  | 74307771 | 117.3E6  | 45.028   | 48.892     |
| 20)                         | A Methoxychlor  | 6.846 | 7.525  | 32559173 | 50952396 | 37.803   | 41.240     |
| 21)                         | B Endrin ke...  | 7.072 | 7.668  | 89458980 | 126.1E6  | 49.616   | 53.197     |
| 22)                         | Mirex           | 7.259 | 8.121  | 64475985 | 86099405 | 45.480   | 50.525     |
| 24)                         | Chlordane-2     | 0.000 | 5.428f | 0        | 172.2E6  | N.D.     | 1578.912 # |
| 25)                         | Chlordane-3     | 5.329 | 6.047  | 80989986 | 156.9E6  | 528.901  | 388.532 #  |
| 26)                         | Chlordane-4     | 5.386 | 6.119  | 80673903 | 156.5E6  | 619.326  | 323.157 #  |
| 27)                         | Chlordane-5     | 6.207 | 0.000  | 74508793 | 0        | 1544.363 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

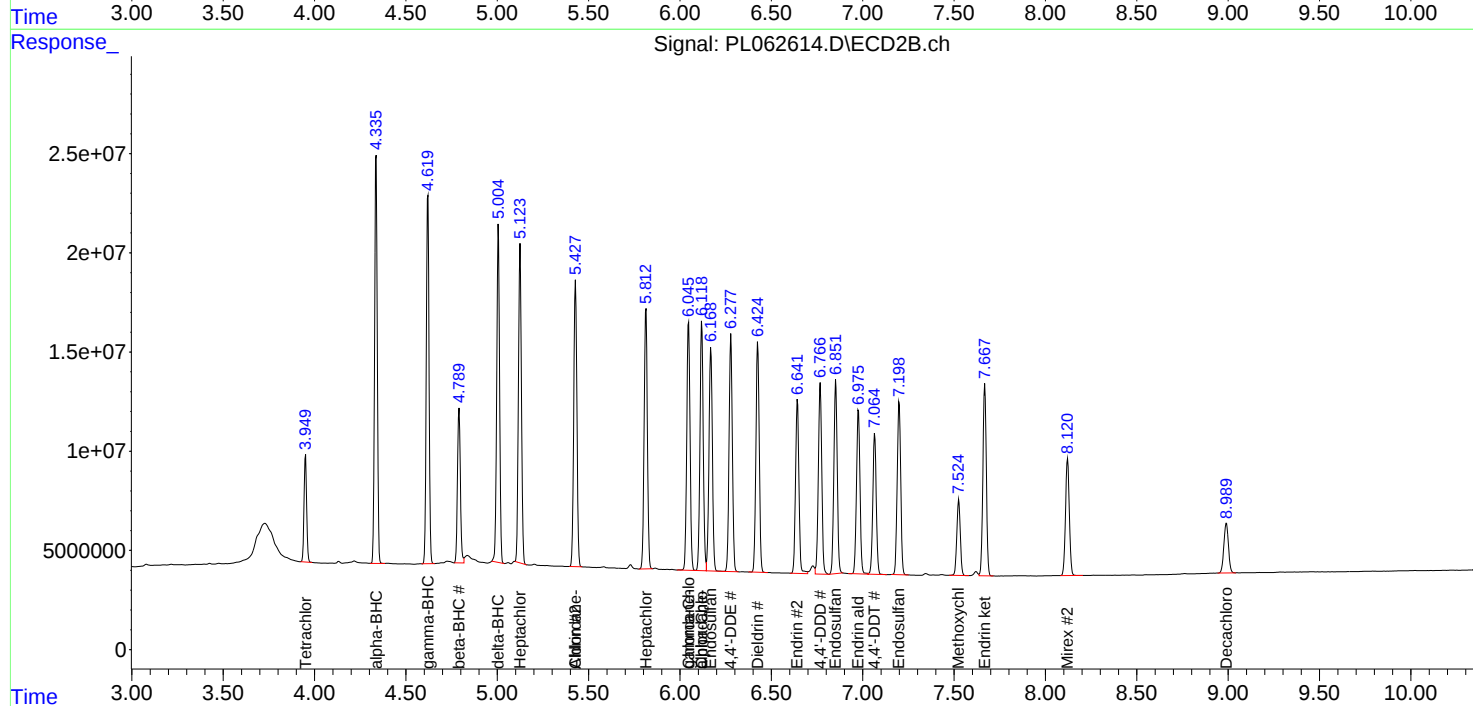
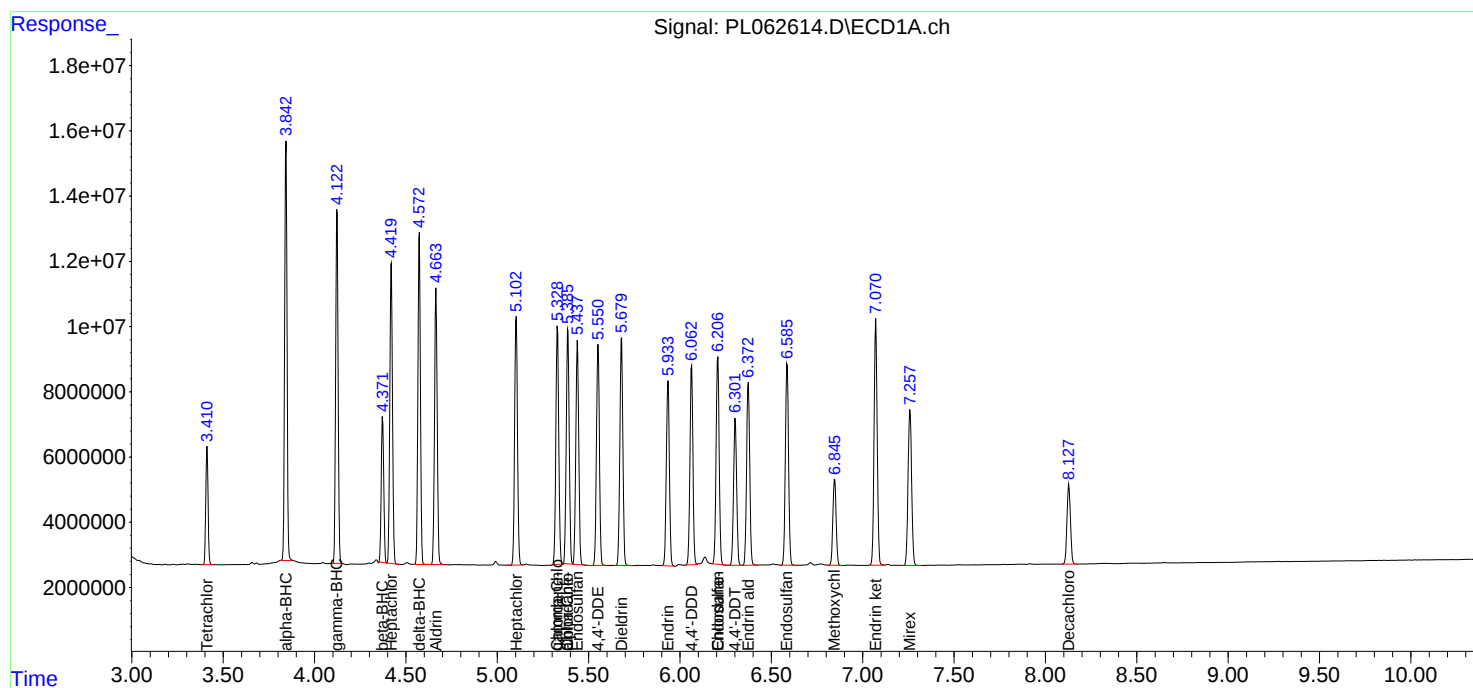
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

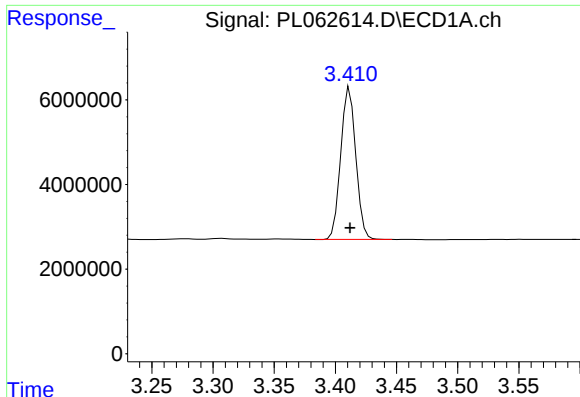
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102720\  
Data File : PL062614.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Oct 2020 13:21  
Operator : DD\AJ  
Sample : PB132645BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 05:03:16 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

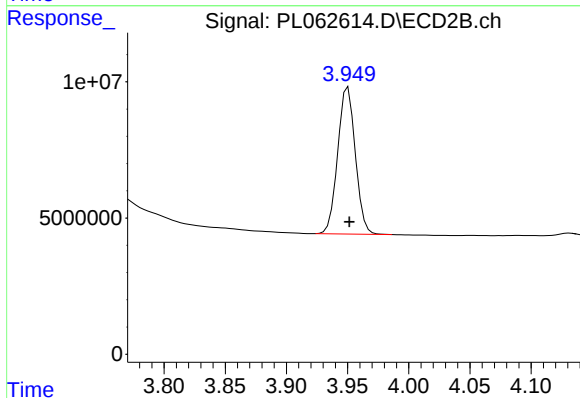




#1 Tetrachloro-m-xylene

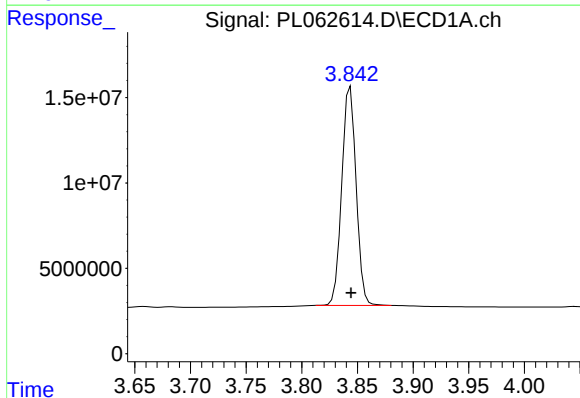
R.T.: 3.412 min  
Delta R.T.: 0.000 min  
Response: 30815438  
Conc: 17.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



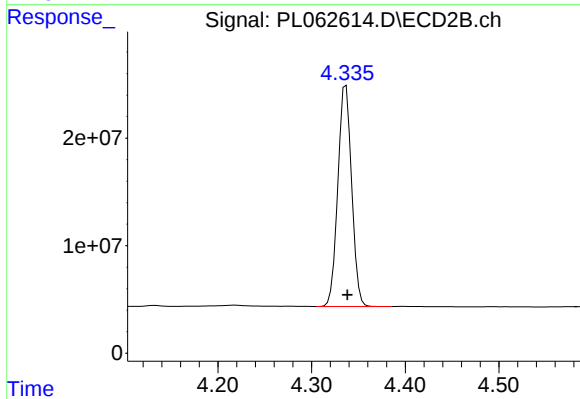
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: -0.001 min  
Response: 54002274  
Conc: 18.38 ng/ml



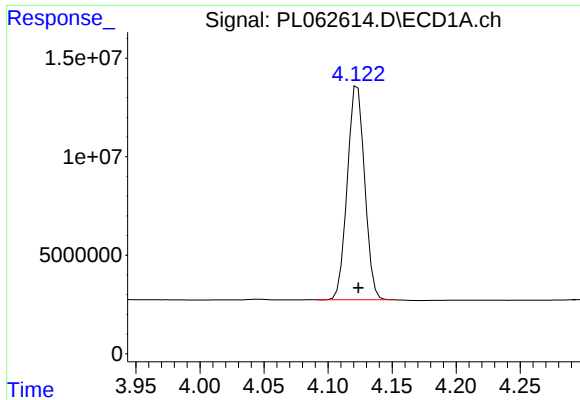
#2 alpha-BHC

R.T.: 3.844 min  
Delta R.T.: 0.000 min  
Response: 114968519  
Conc: 45.09 ng/ml



#2 alpha-BHC

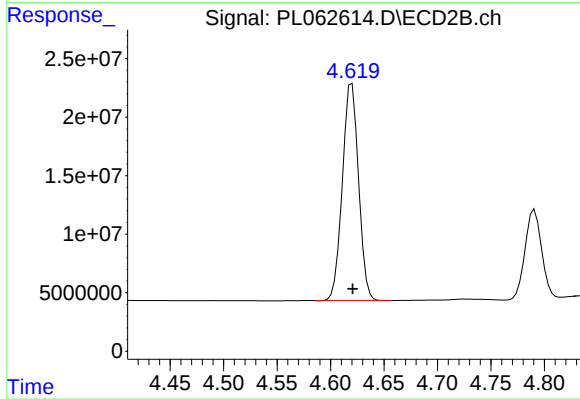
R.T.: 4.337 min  
Delta R.T.: -0.001 min  
Response: 210673369  
Conc: 47.41 ng/ml



#3 gamma-BHC (Lindane)

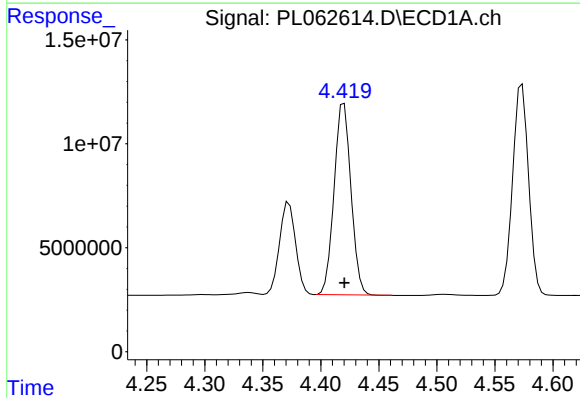
R.T.: 4.123 min  
Delta R.T.: 0.000 min  
Response: 102268034  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



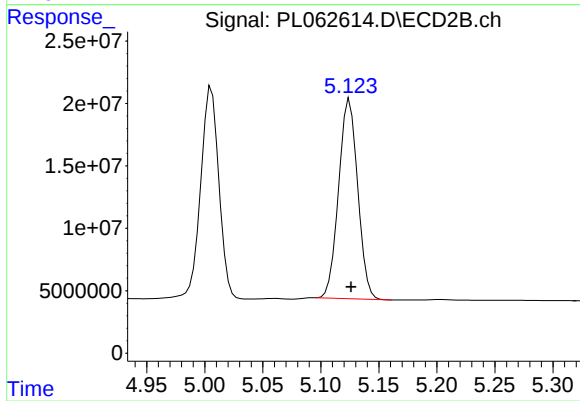
#3 gamma-BHC (Lindane)

R.T.: 4.620 min  
Delta R.T.: 0.000 min  
Response: 195782992  
Conc: 46.89 ng/ml



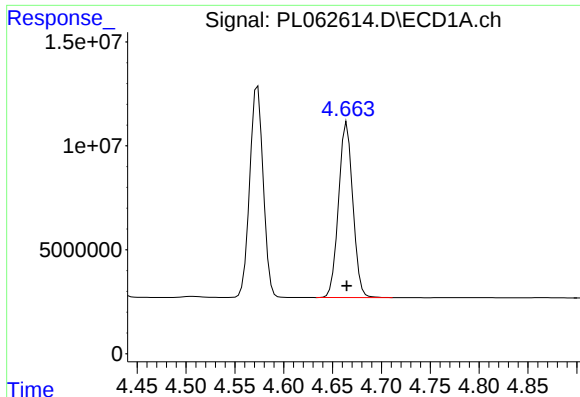
#4 Heptachlor

R.T.: 4.420 min  
Delta R.T.: 0.000 min  
Response: 93517164  
Conc: 43.58 ng/ml



#4 Heptachlor

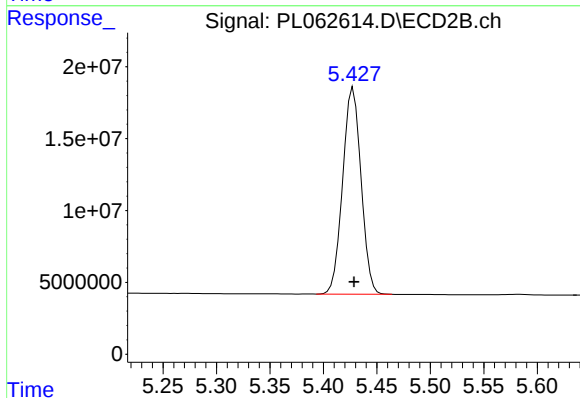
R.T.: 5.125 min  
Delta R.T.: -0.001 min  
Response: 182905528  
Conc: 45.87 ng/ml



#5 Aldrin

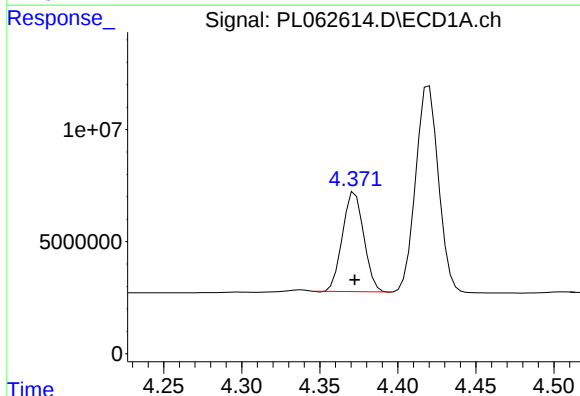
R.T.: 4.665 min  
Delta R.T.: 0.000 min  
Response: 85752125  
Conc: 44.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



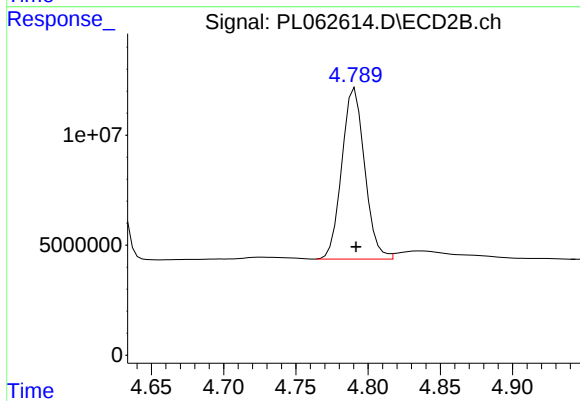
#5 Aldrin

R.T.: 5.428 min  
Delta R.T.: 0.000 min  
Response: 172158186  
Conc: 47.56 ng/ml



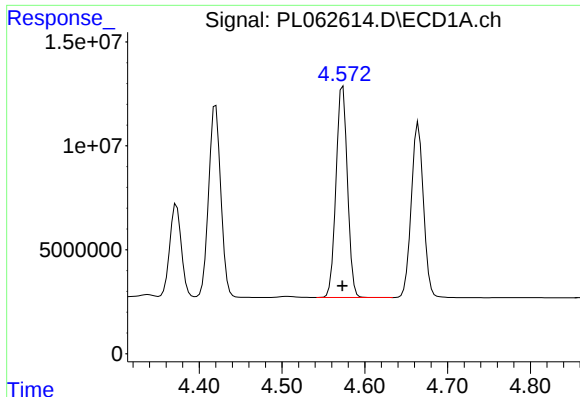
#6 beta-BHC

R.T.: 4.373 min  
Delta R.T.: 0.000 min  
Response: 42257641  
Conc: 44.24 ng/ml



#6 beta-BHC

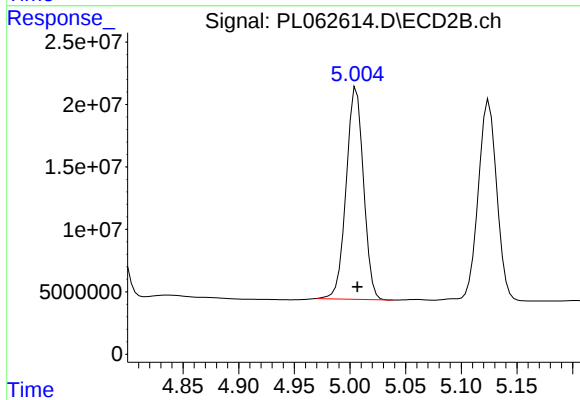
R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 85355997  
Conc: 45.33 ng/ml



#7 delta-BHC

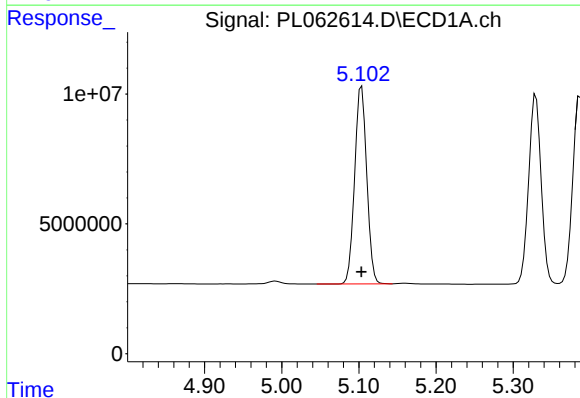
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 97611305  
Conc: 44.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



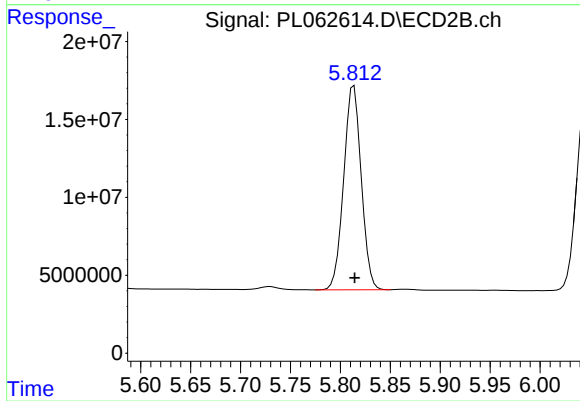
#7 delta-BHC

R.T.: 5.006 min  
Delta R.T.: 0.000 min  
Response: 18363338  
Conc: 52.47 ng/ml



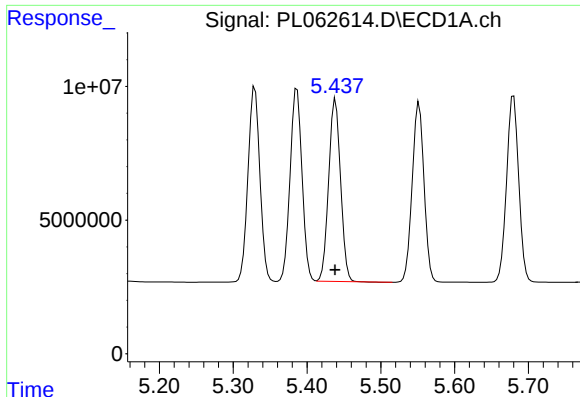
#8 Heptachlor epoxide

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 83027982  
Conc: 45.51 ng/ml



#8 Heptachlor epoxide

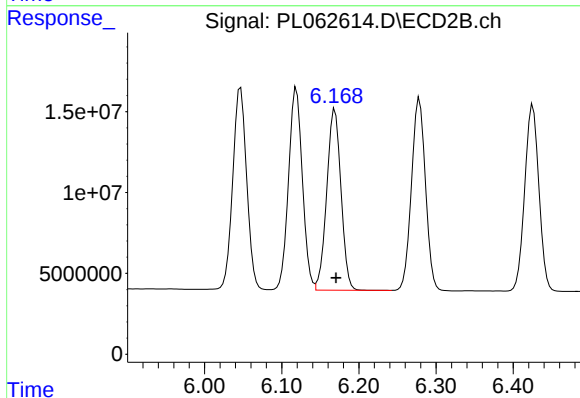
R.T.: 5.813 min  
Delta R.T.: -0.001 min  
Response: 159982823  
Conc: 49.40 ng/ml



#9 Endosulfan I

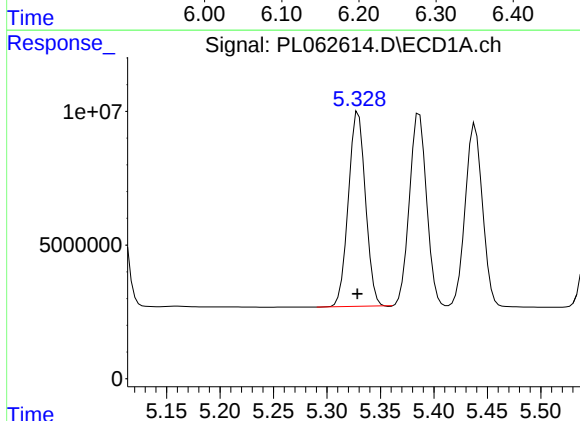
R.T.: 5.439 min  
Delta R.T.: 0.000 min  
Response: 76464115  
Conc: 45.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



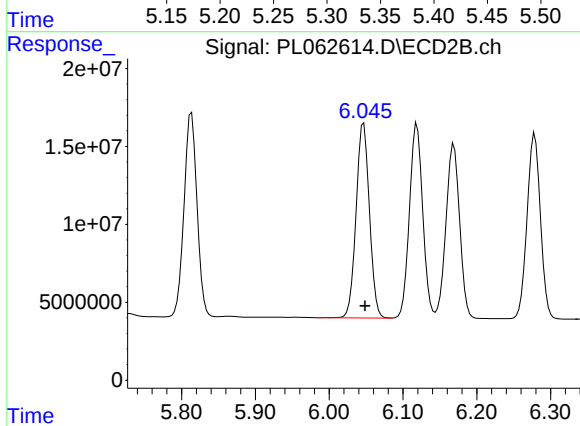
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: -0.001 min  
Response: 144383329  
Conc: 45.78 ng/ml



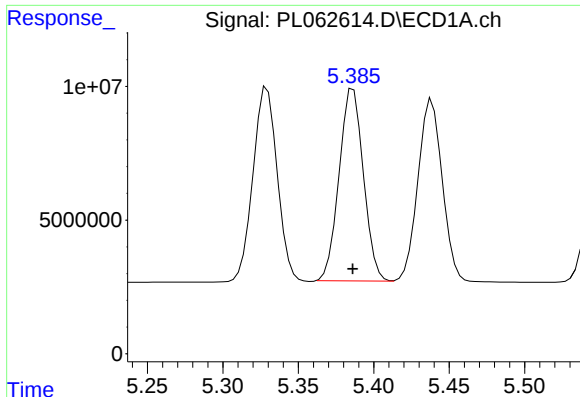
#10 gamma-Chlordane

R.T.: 5.329 min  
Delta R.T.: 0.001 min  
Response: 80989986  
Conc: 44.96 ng/ml



#10 gamma-Chlordane

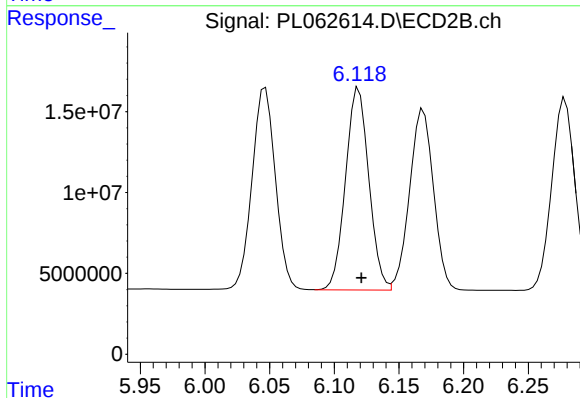
R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 156944046  
Conc: 46.62 ng/ml



#11 alpha-Chlordane

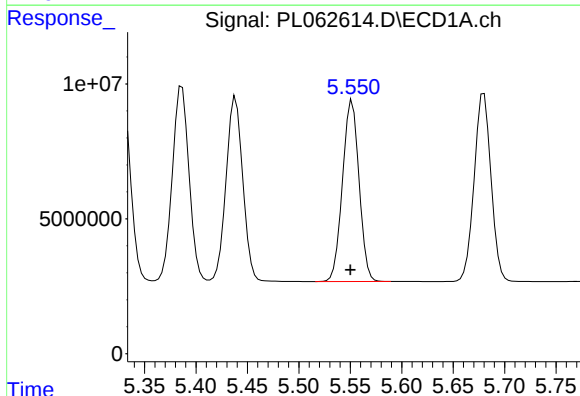
R.T.: 5.386 min  
Delta R.T.: 0.000 min  
Response: 80673903  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



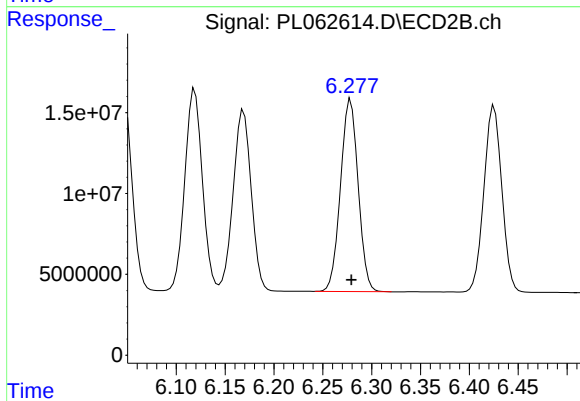
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 156500742  
Conc: 46.45 ng/ml



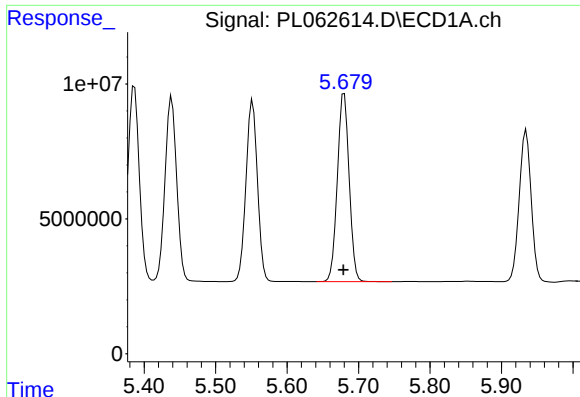
#12 4,4'-DDE

R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 75199932  
Conc: 45.45 ng/ml



#12 4,4'-DDE

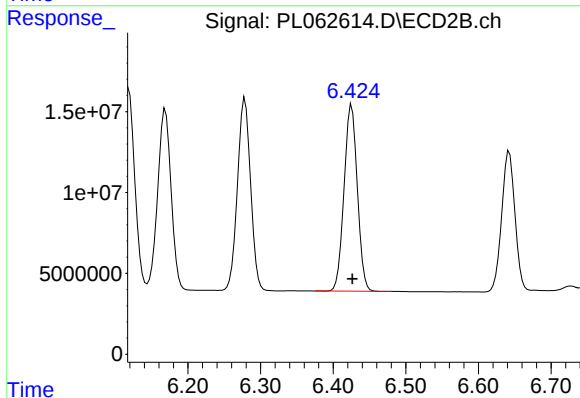
R.T.: 6.279 min  
Delta R.T.: 0.000 min  
Response: 149787980  
Conc: 46.49 ng/ml



#13 Dieldrin

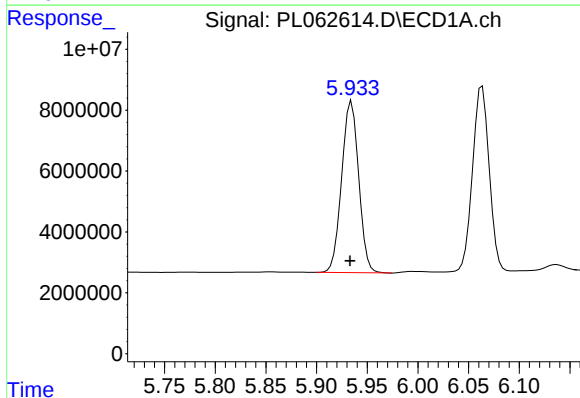
R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 79843797  
Conc: 45.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



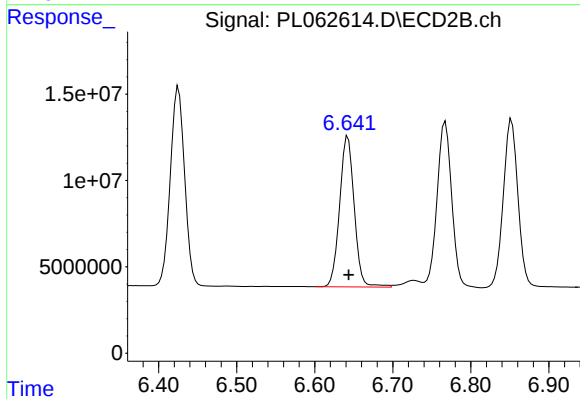
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 146737230  
Conc: 45.84 ng/ml



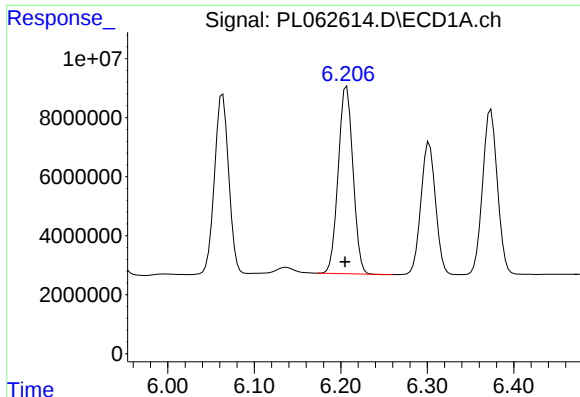
#14 Endrin

R.T.: 5.935 min  
Delta R.T.: 0.002 min  
Response: 65830484  
Conc: 39.57 ng/ml



#14 Endrin

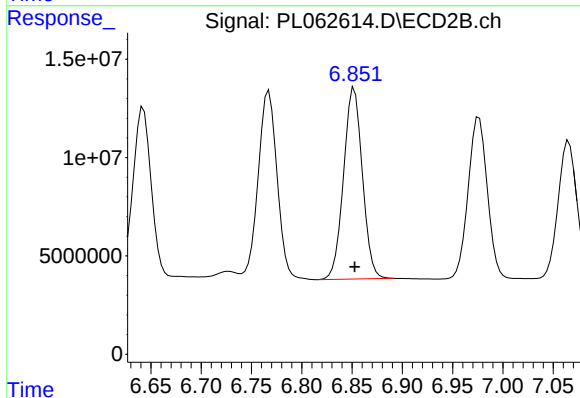
R.T.: 6.643 min  
Delta R.T.: 0.000 min  
Response: 113235684  
Conc: 40.57 ng/ml



#15 Endosulfan II

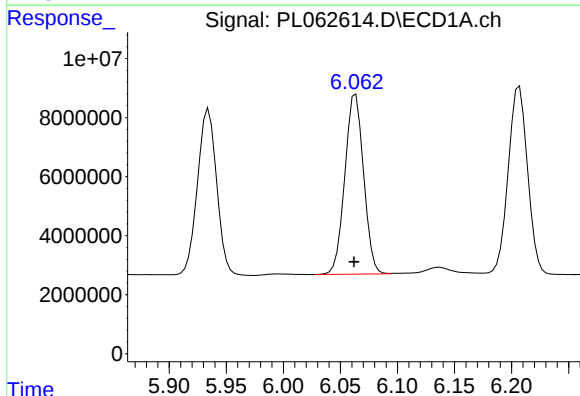
R.T.: 6.207 min  
Delta R.T.: 0.002 min  
Response: 74508793  
Conc: 45.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



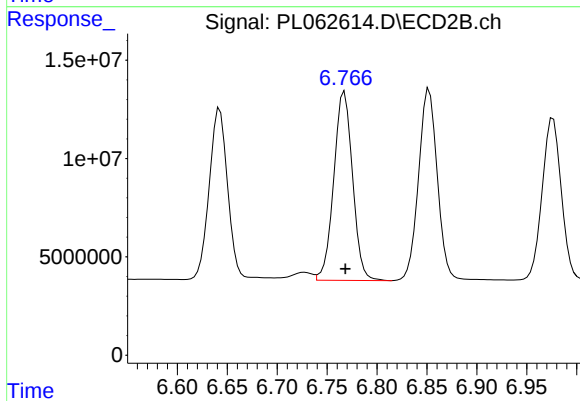
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 126102087  
Conc: 44.11 ng/ml



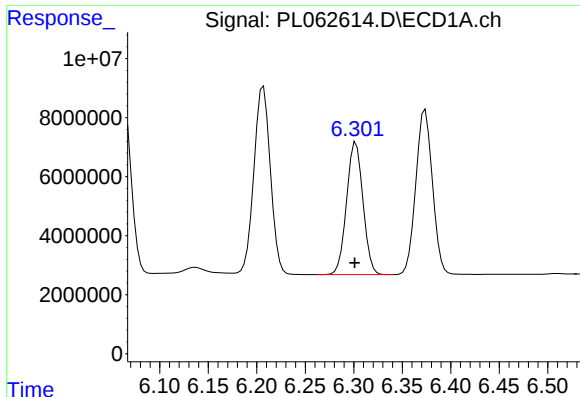
#16 4,4'-DDD

R.T.: 6.063 min  
Delta R.T.: 0.001 min  
Response: 69794023  
Conc: 49.34 ng/ml



#16 4,4'-DDD

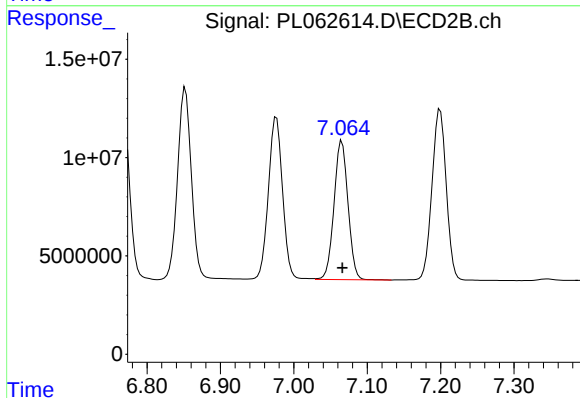
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 125882822  
Conc: 49.17 ng/ml



#17 4,4'-DDT

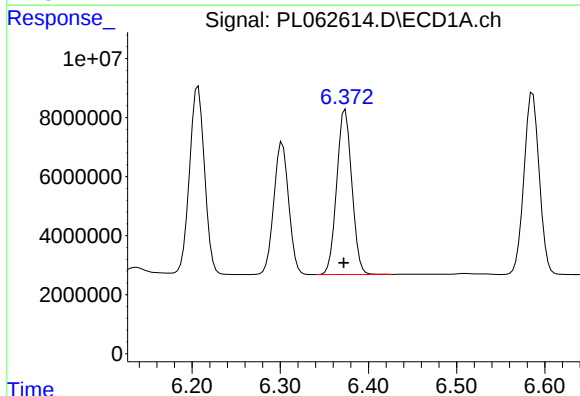
R.T.: 6.302 min  
Delta R.T.: 0.001 min  
Response: 52777722  
Conc: 39.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



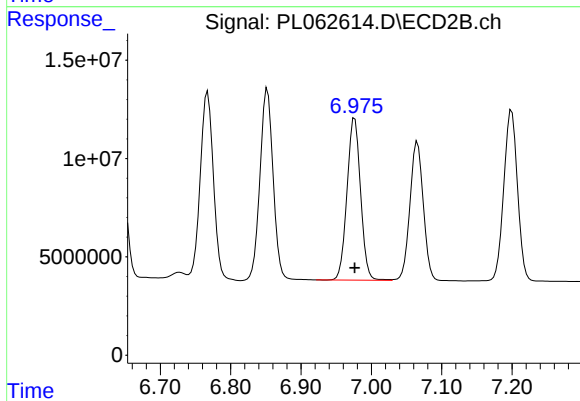
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 93586504  
Conc: 41.68 ng/ml



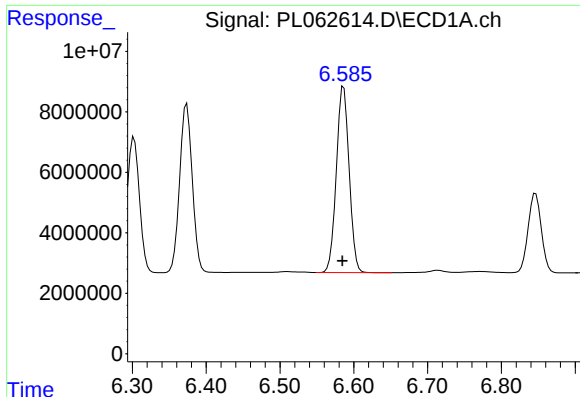
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 66513840  
Conc: 45.81 ng/ml



#18 Endrin aldehyde

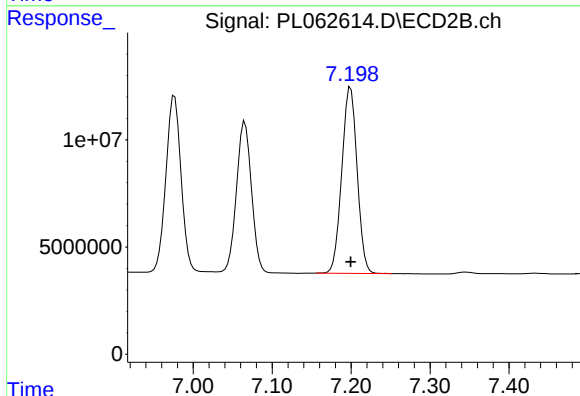
R.T.: 6.976 min  
Delta R.T.: 0.000 min  
Response: 110624883  
Conc: 48.51 ng/ml



#19 Endosulfan Sulfate

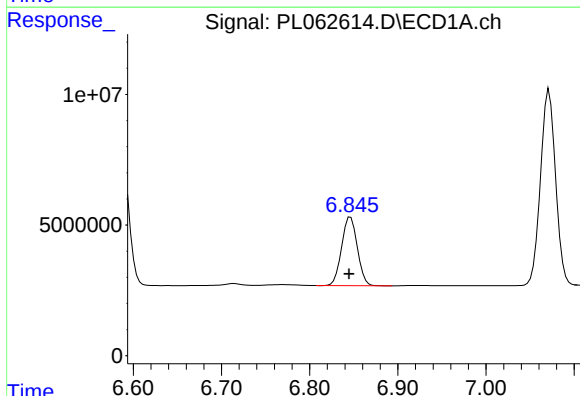
R.T.: 6.586 min  
Delta R.T.: 0.002 min  
Response: 74307771  
Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



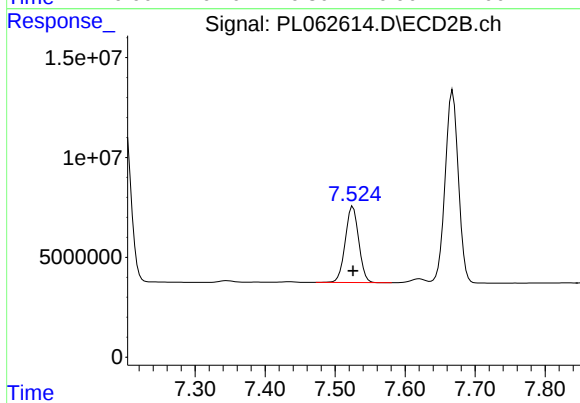
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 117301861  
Conc: 48.89 ng/ml



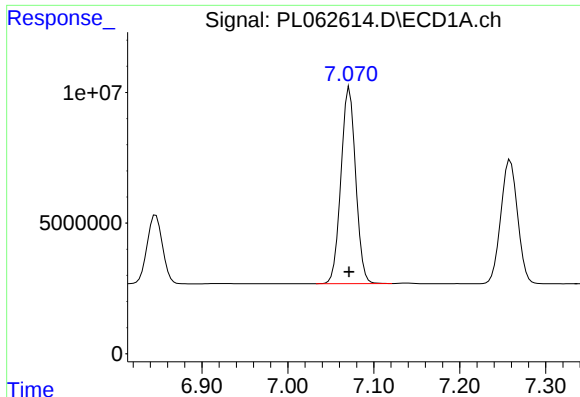
#20 Methoxychlor

R.T.: 6.846 min  
Delta R.T.: 0.002 min  
Response: 32559173  
Conc: 37.80 ng/ml



#20 Methoxychlor

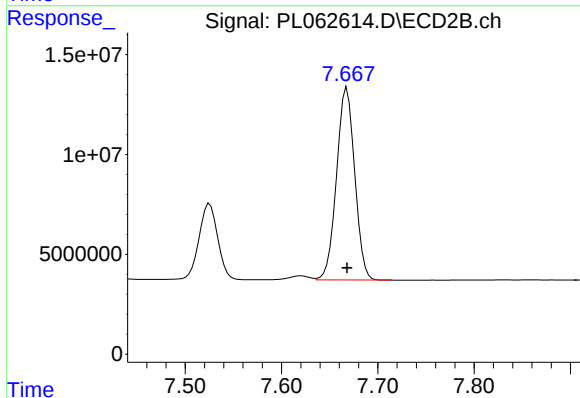
R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 50952396  
Conc: 41.24 ng/ml



#21 Endrin ketone

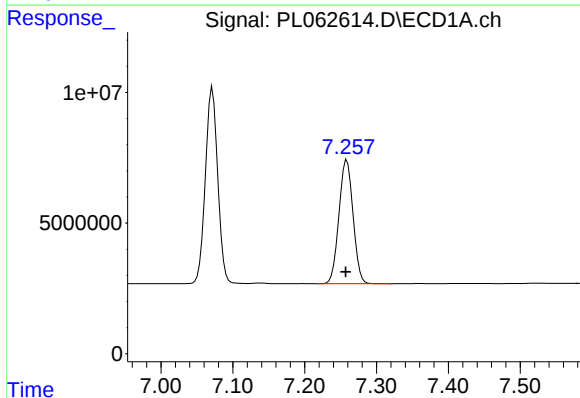
R.T.: 7.072 min  
Delta R.T.: 0.000 min  
Response: 89458980  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



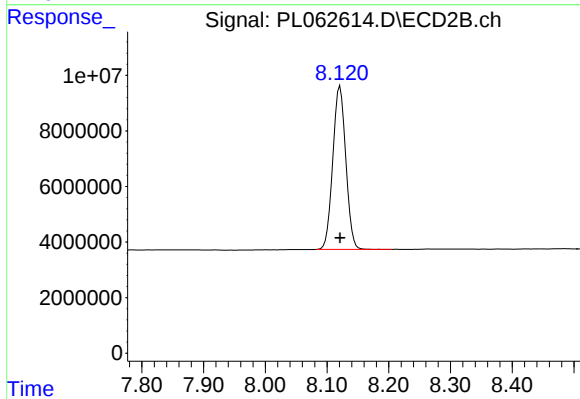
#21 Endrin ketone

R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 126067063  
Conc: 53.20 ng/ml



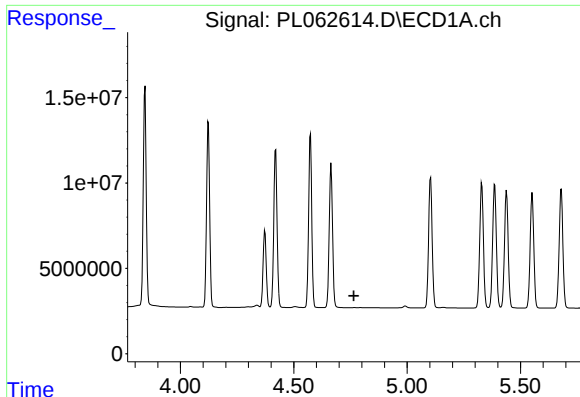
#22 Mirex

R.T.: 7.259 min  
Delta R.T.: 0.002 min  
Response: 64475985  
Conc: 45.48 ng/ml



#22 Mirex

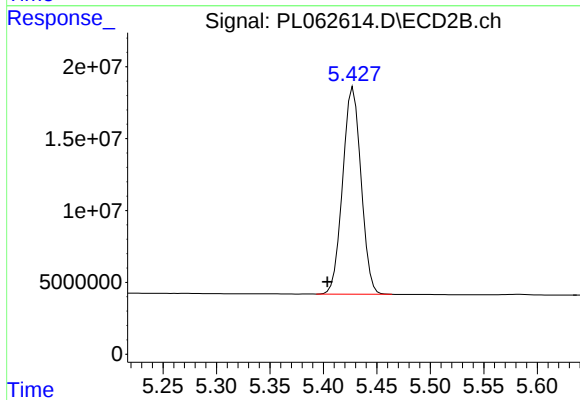
R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 86099405  
Conc: 50.53 ng/ml



#24 Chlordane-2

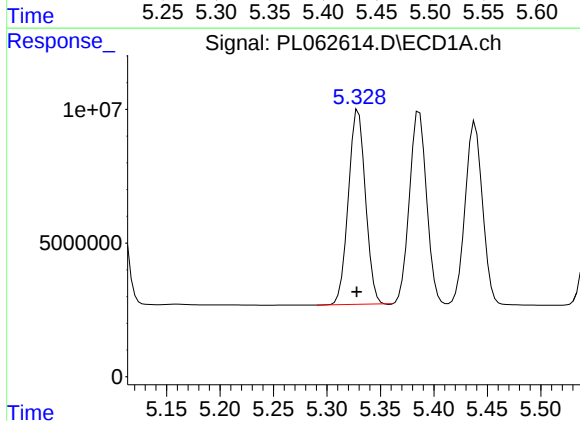
R.T.: 0.000 min  
Exp R.T.: 4.765 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



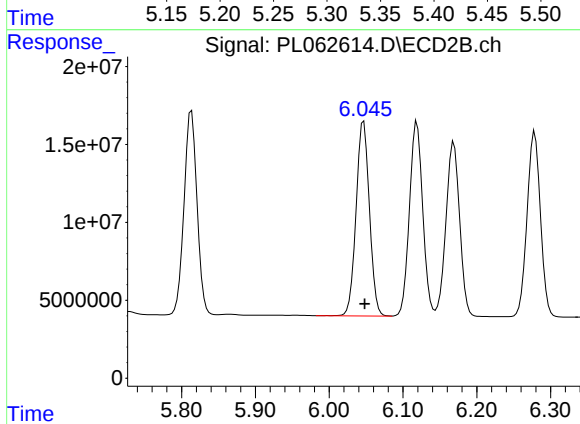
#24 Chlordane-2

R.T.: 5.428 min  
Delta R.T.: 0.024 min  
Response: 172158186  
Conc: 1578.91 ng/ml



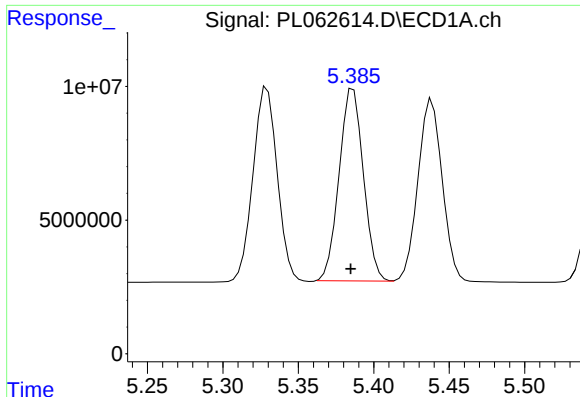
#25 Chlordane-3

R.T.: 5.329 min  
Delta R.T.: 0.002 min  
Response: 80989986  
Conc: 528.90 ng/ml



#25 Chlordane-3

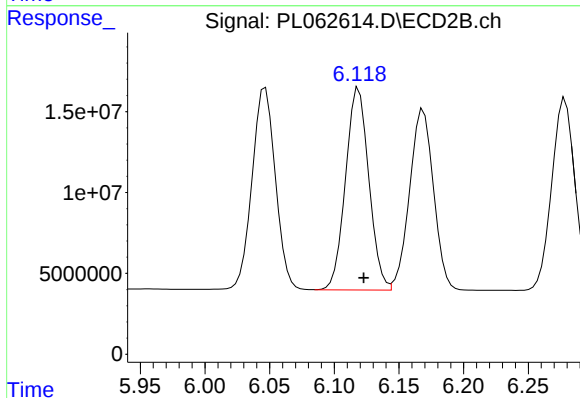
R.T.: 6.047 min  
Delta R.T.: -0.001 min  
Response: 156944046  
Conc: 388.53 ng/ml



#26 Chlordane-4

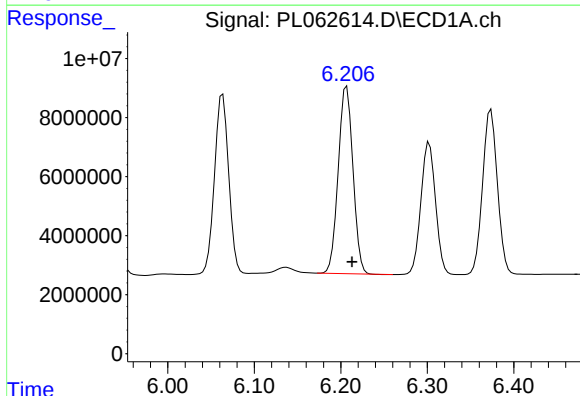
R.T.: 5.386 min  
Delta R.T.: 0.002 min  
Response: 80673903  
Conc: 619.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



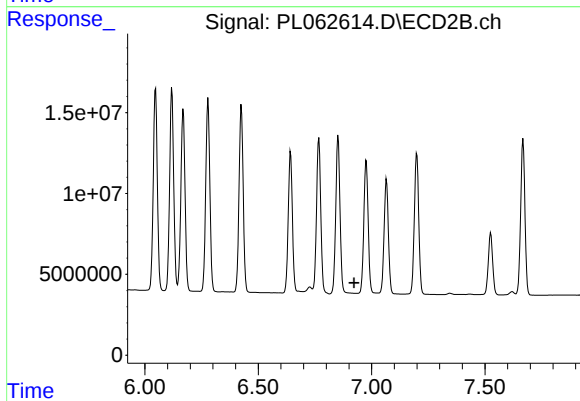
#26 Chlordane-4

R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 156500742  
Conc: 323.16 ng/ml



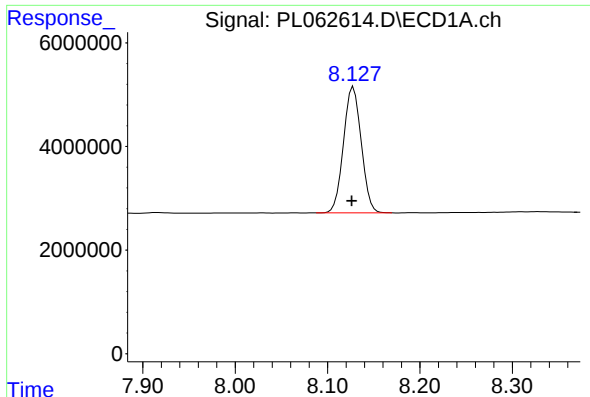
#27 Chlordane-5

R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 74508793  
Conc: 1544.36 ng/ml



#27 Chlordane-5

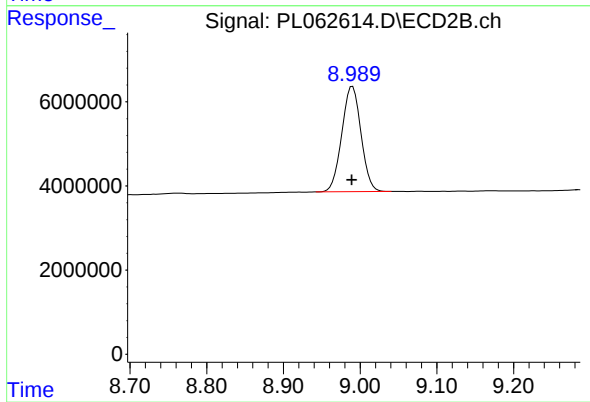
R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.128 min  
Delta R.T.: 0.002 min  
Response: 32506695  
Conc: 20.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.001 min  
Response: 43683353  
Conc: 20.87 ng/ml