

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110618\  
 Data File : PL041924.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2018 03:45  
 Operator : AJ\SJ  
 Sample : J5826-03MS  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SB-1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 08:16:47 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 01:26:00 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|------------|
| -----                       |                 |       |       |          |          |         |            |
| System Monitoring Compounds |                 |       |       |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.471 | 4.104 | 104.7E6  | 57613518 | 16.440  | 18.704     |
| 28)                         | SA Decachlor... | 8.213 | 9.236 | 84852349 | 32261592 | 12.810  | 12.592     |
| Target Compounds            |                 |       |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.912 | 4.499 | 414.1E6  | 210.9E6  | 42.627  | 45.975     |
| 3)                          | MA gamma-BHC... | 4.195 | 4.788 | 383.8E6  | 196.7E6  | 42.965  | 46.406     |
| 4)                          | MA Heptachlor   | 4.491 | 5.304 | 376.6E6  | 183.7E6  | 41.087  | 45.180     |
| 5)                          | MB Aldrin       | 4.738 | 5.613 | 328.3E6  | 179.6E6  | 38.892  | 47.034     |
| 6)                          | B beta-BHC      | 4.448 | 4.957 | 159.8E6  | 70863915 | 42.405  | 41.260     |
| 7)                          | B delta-BHC     | 4.651 | 5.177 | 308.8E6  | 165.6E6  | 37.176  | 40.996     |
| 8)                          | B Heptachlo...  | 5.181 | 6.001 | 330.8E6  | 150.2E6  | 40.968  | 42.715     |
| 9)                          | A Endosulfan I  | 5.519 | 6.361 | 273.6E6  | 138.5E6  | 36.767  | 44.552     |
| 10)                         | B gamma-Chl...  | 5.407 | 6.236 | 322.7E6  | 146.7E6  | 39.630  | 43.449     |
| 11)                         | B alpha-Chl...  | 5.465 | 6.310 | 312.6E6  | 146.0E6  | 38.613  | 43.137     |
| 12)                         | B 4,4'-DDE      | 5.631 | 6.464 | 273.4E6  | 141.8E6  | 38.190  | 43.329     |
| 13)                         | MA Dieldrin     | 5.762 | 6.620 | 306.2E6  | 137.6E6  | 38.503  | 42.693     |
| 14)                         | MA Endrin       | 6.019 | 6.839 | 244.6E6  | 110.2E6  | 33.438  | 40.537     |
| 15)                         | B Endosulfa...  | 6.293 | 7.048 | 232.2E6  | 110.4E6  | 33.594  | 40.804     |
| 16)                         | A 4,4'-DDD      | 6.147 | 6.956 | 217.9E6  | 118.5E6  | 37.502  | 47.597 #   |
| 17)                         | MA 4,4'-DDT     | 6.386 | 7.256 | 205.5E6  | 99103813 | 33.772  | 39.420     |
| 18)                         | B Endrin al...  | 6.462 | 7.171 | 200.3E6  | 90256100 | 36.359  | 41.234     |
| 19)                         | B Endosulfa...  | 6.674 | 7.394 | 235.3E6  | 102.7E6  | 36.848  | 41.369     |
| 20)                         | A Methoxychlor  | 6.933 | 7.712 | 102.6E6  | 45390815 | 30.535  | 35.037     |
| 21)                         | B Endrin ke...  | 7.164 | 7.870 | 269.8E6  | 112.7E6  | 37.378  | 42.821     |
| 23)                         | Chlordane-1     | 4.346 | 5.177 | 6278099  | 165.6E6  | 22.142  | 1191.969 # |
| 24)                         | Chlordane-2     | 4.812 | 5.613 | 1560317  | 179.6E6  | 5.298   | 1351.823 # |
| 25)                         | Chlordane-3     | 5.407 | 6.236 | 322.7E6  | 146.7E6  | 362.092 | 325.929    |
| 26)                         | Chlordane-4     | 5.465 | 6.310 | 312.6E6  | 146.0E6  | 399.280 | 279.249 #  |
| 27)                         | Chlordane-5     | 6.293 | 7.171 | 232.2E6  | 90256100 | 931.161 | 924.175    |
| -----                       |                 |       |       |          |          |         |            |

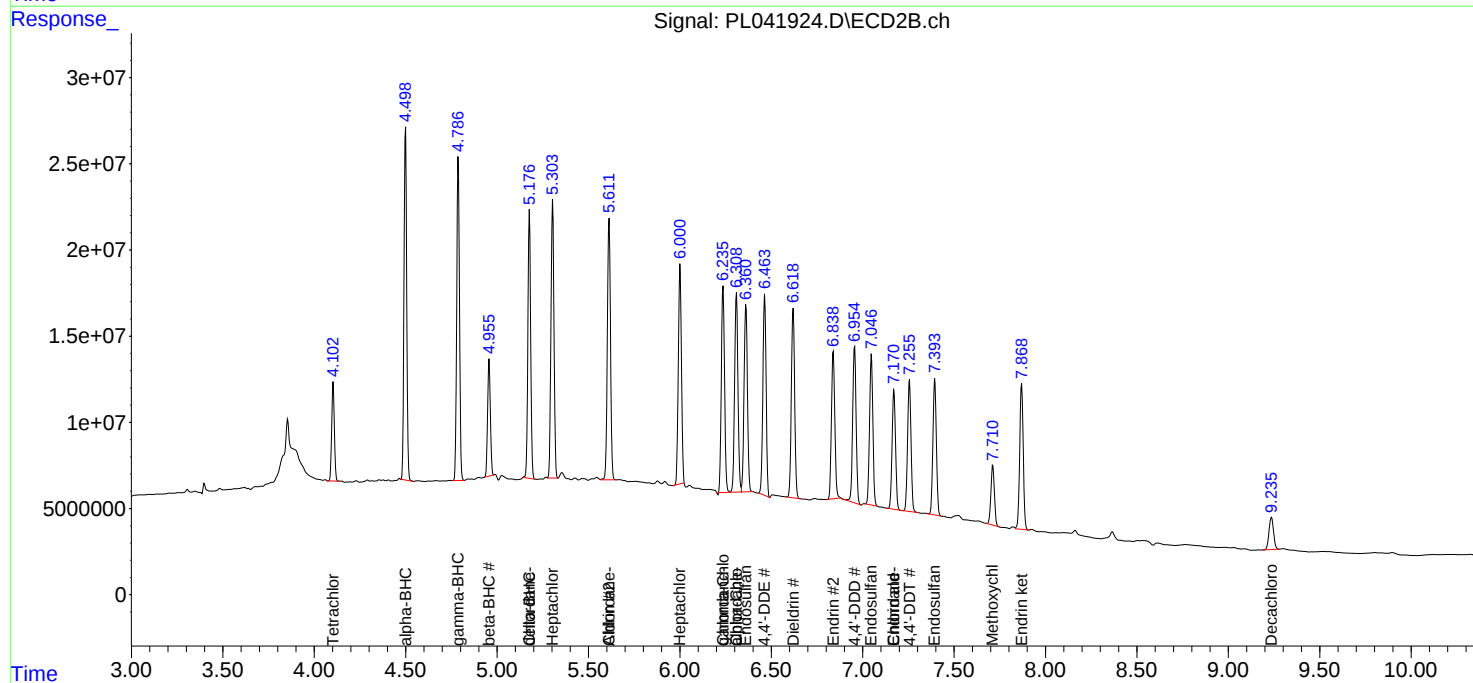
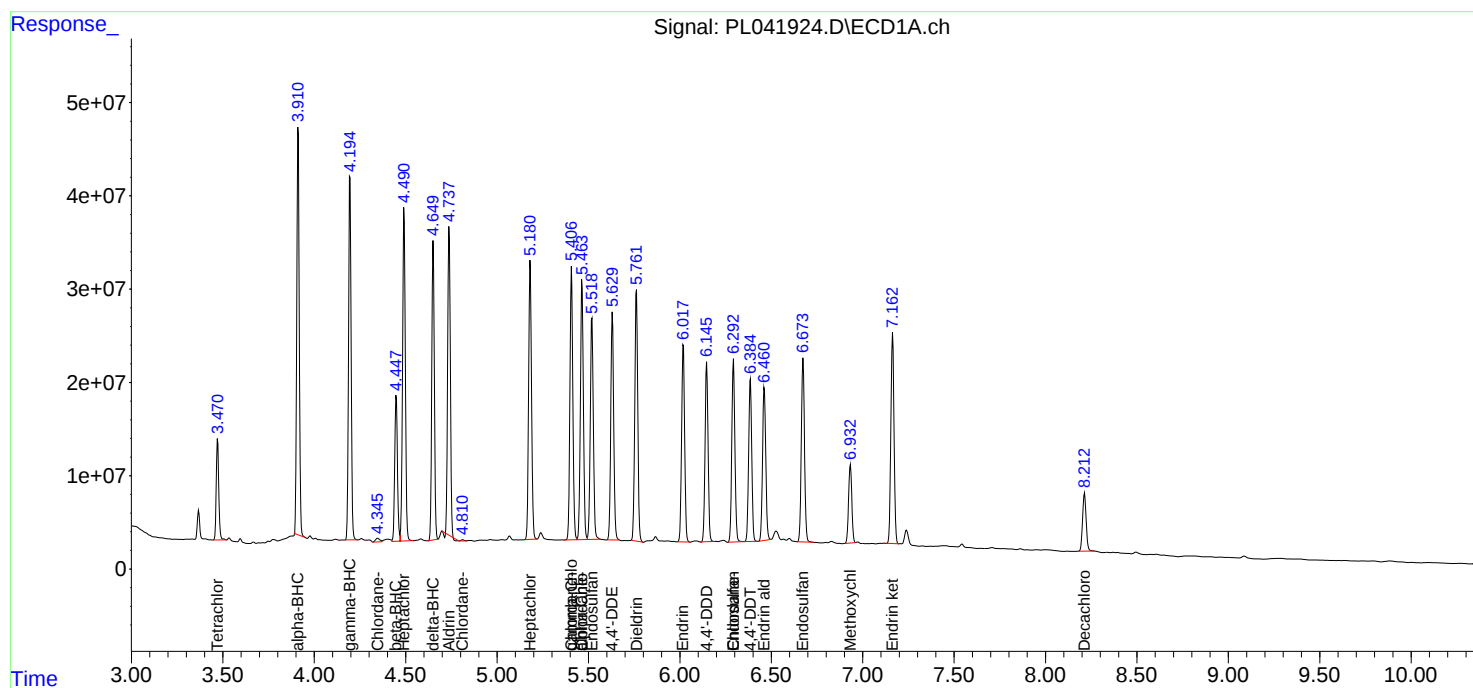
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

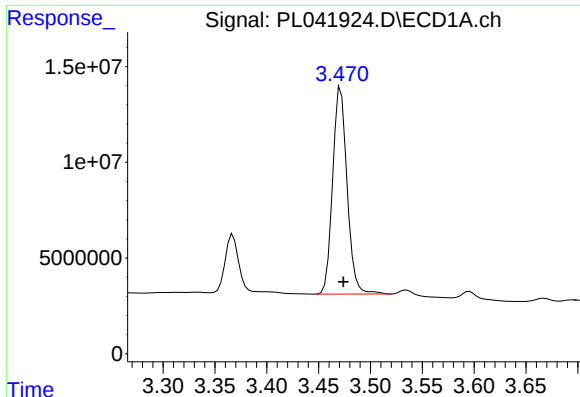
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110618\  
Data File : PL041924.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Nov 2018 03:45  
Operator : AJ\SJ  
Sample : J5826-03MS  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 07 08:16:47 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 30 01:26:00 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

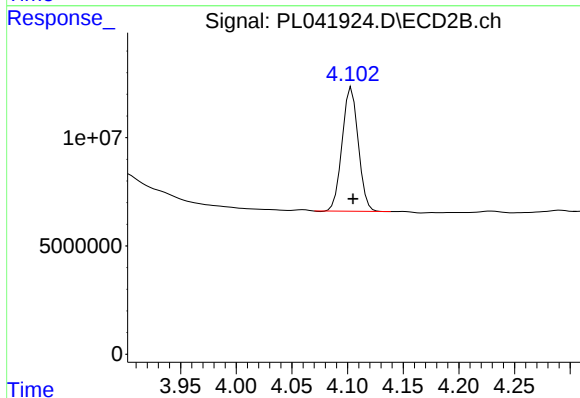




#1 Tetrachloro-m-xylene

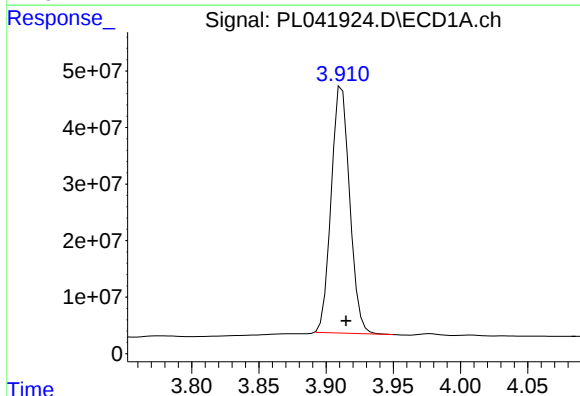
R.T.: 3.471 min  
Delta R.T.: -0.003 min  
Response: 104727021  
Conc: 16.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



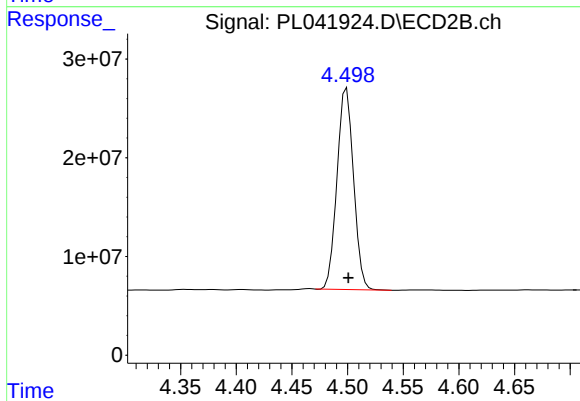
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: -0.001 min  
Response: 57613518  
Conc: 18.70 ng/ml



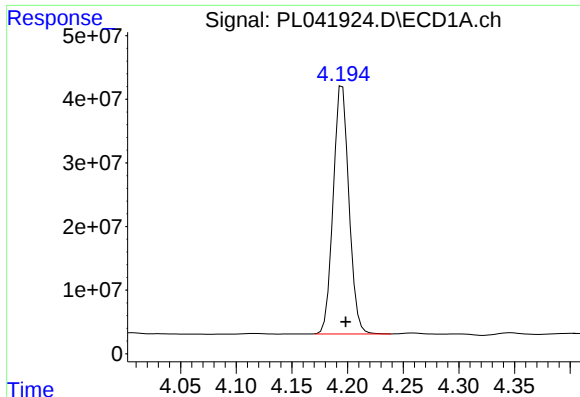
#2 alpha-BHC

R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 414137104  
Conc: 42.63 ng/ml



#2 alpha-BHC

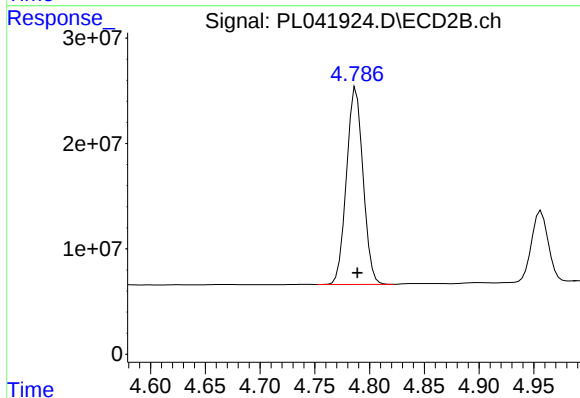
R.T.: 4.499 min  
Delta R.T.: -0.001 min  
Response: 210880430  
Conc: 45.98 ng/ml



#3 gamma-BHC (Lindane)

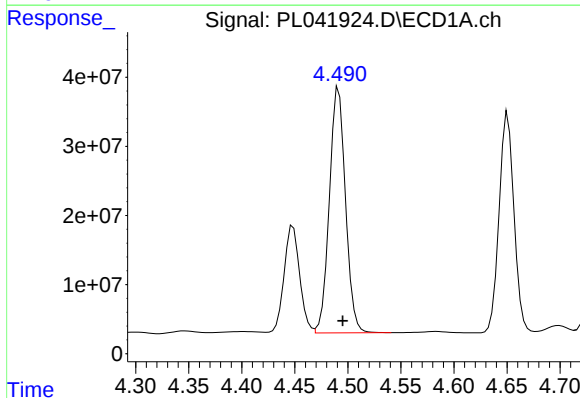
R.T.: 4.195 min  
Delta R.T.: -0.003 min  
Response: 383845315  
Conc: 42.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



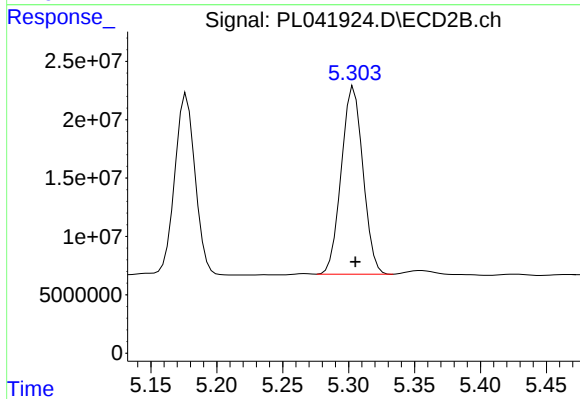
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: -0.001 min  
Response: 196742290  
Conc: 46.41 ng/ml



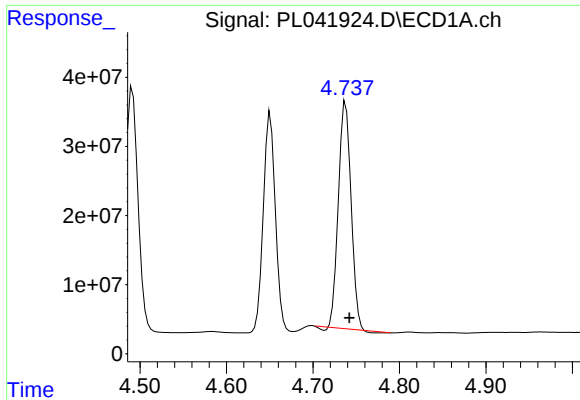
#4 Heptachlor

R.T.: 4.491 min  
Delta R.T.: -0.004 min  
Response: 376569573  
Conc: 41.09 ng/ml



#4 Heptachlor

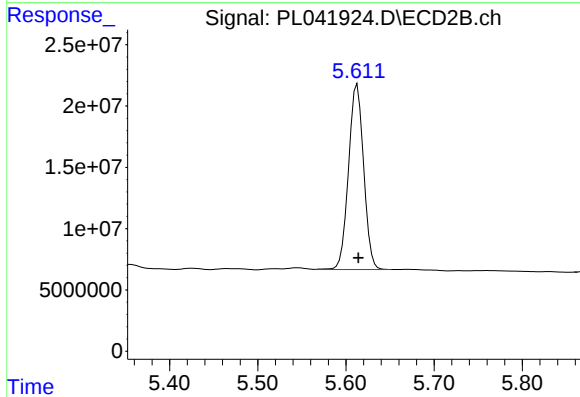
R.T.: 5.304 min  
Delta R.T.: -0.001 min  
Response: 183715022  
Conc: 45.18 ng/ml



#5 Aldrin

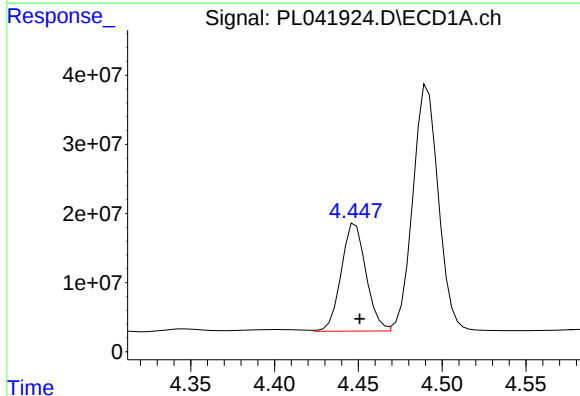
R.T.: 4.738 min  
Delta R.T.: -0.004 min  
Response: 328334499  
Conc: 38.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



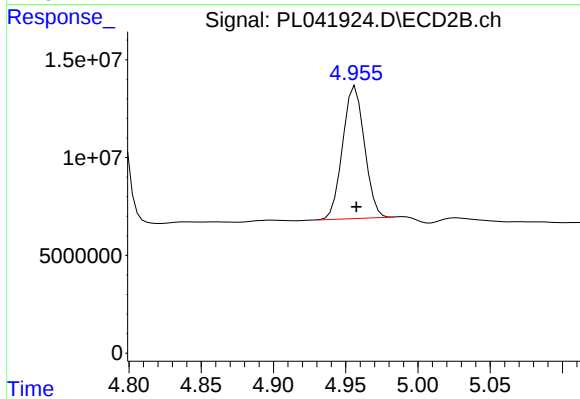
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: -0.001 min  
Response: 179636303  
Conc: 47.03 ng/ml



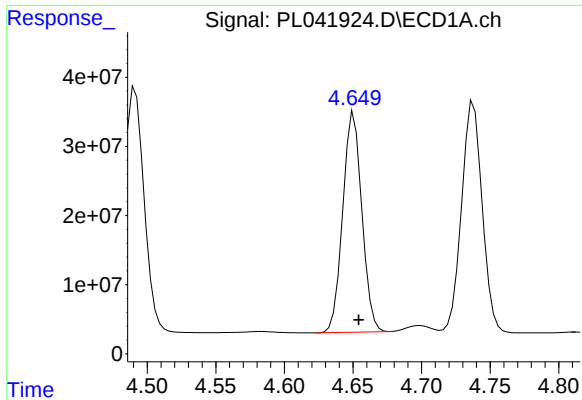
#6 beta-BHC

R.T.: 4.448 min  
Delta R.T.: -0.002 min  
Response: 159834245  
Conc: 42.41 ng/ml



#6 beta-BHC

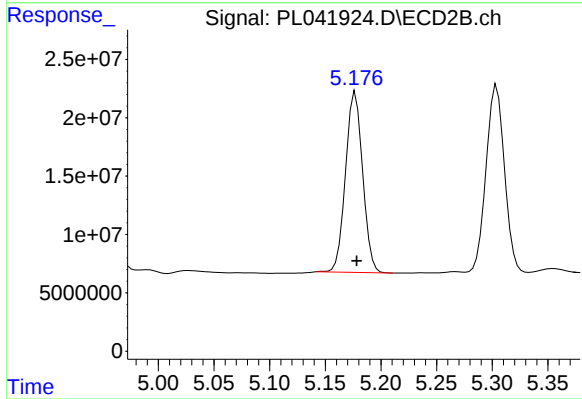
R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 70863915  
Conc: 41.26 ng/ml



#7 delta-BHC

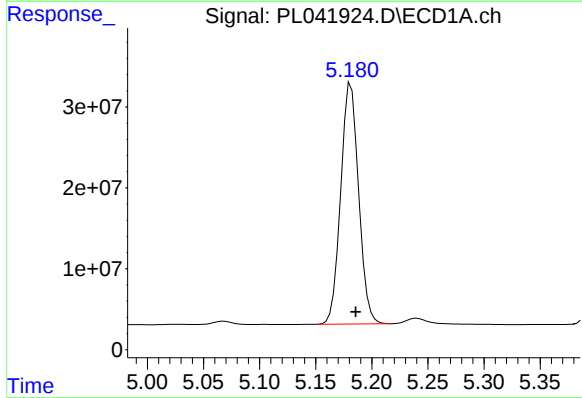
R.T.: 4.651 min  
Delta R.T.: -0.004 min  
Response: 308772841  
Conc: 37.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



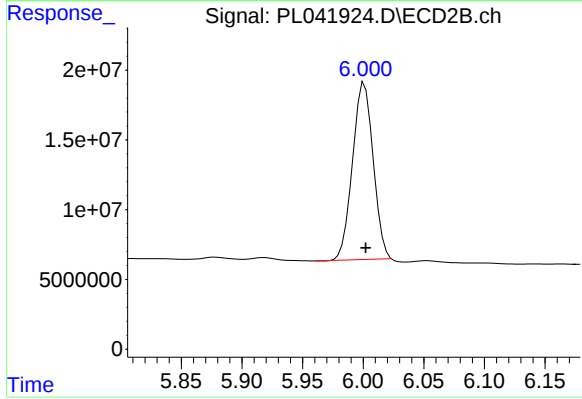
#7 delta-BHC

R.T.: 5.177 min  
Delta R.T.: -0.001 min  
Response: 165552468  
Conc: 41.00 ng/ml



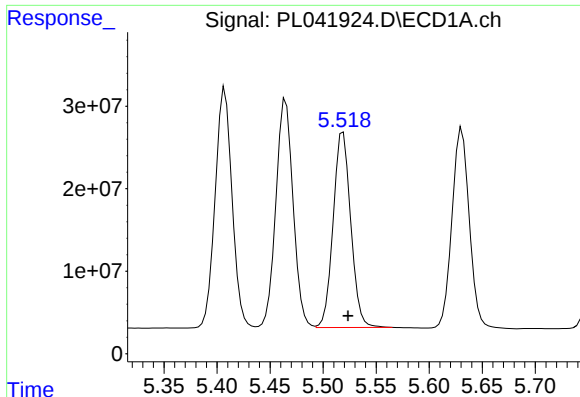
#8 Heptachlor epoxide

R.T.: 5.181 min  
Delta R.T.: -0.004 min  
Response: 330789950  
Conc: 40.97 ng/ml



#8 Heptachlor epoxide

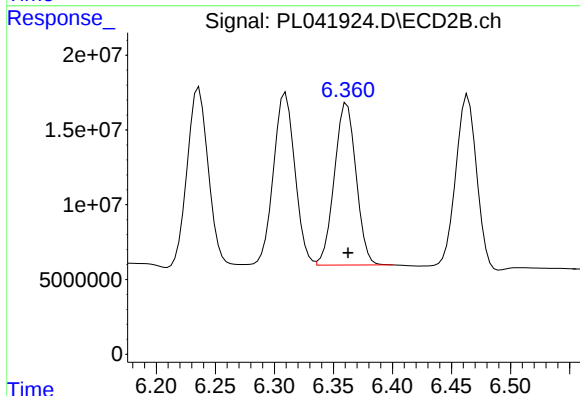
R.T.: 6.001 min  
Delta R.T.: -0.001 min  
Response: 150168605  
Conc: 42.71 ng/ml



#9 Endosulfan I

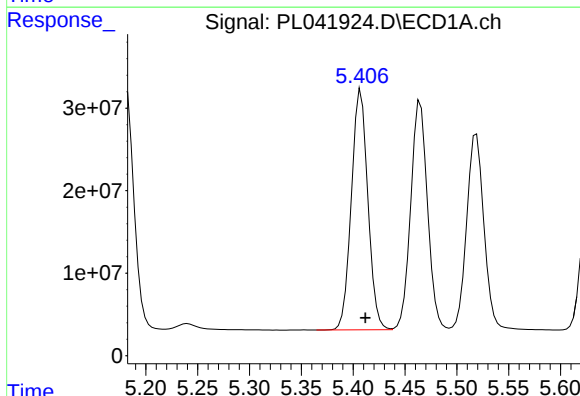
R.T.: 5.519 min  
Delta R.T.: -0.005 min  
Response: 273600435  
Conc: 36.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



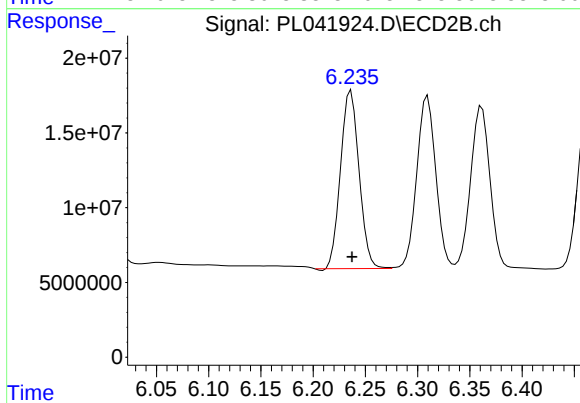
#9 Endosulfan I

R.T.: 6.361 min  
Delta R.T.: -0.001 min  
Response: 138464493  
Conc: 44.55 ng/ml



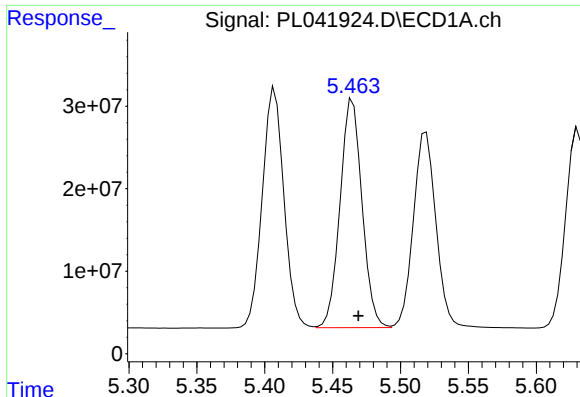
#10 gamma-Chlordane

R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 322727373  
Conc: 39.63 ng/ml



#10 gamma-Chlordane

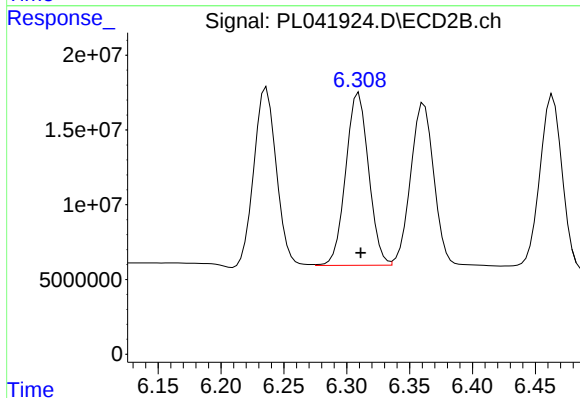
R.T.: 6.236 min  
Delta R.T.: -0.001 min  
Response: 146677602  
Conc: 43.45 ng/ml



#11 alpha-Chlordane

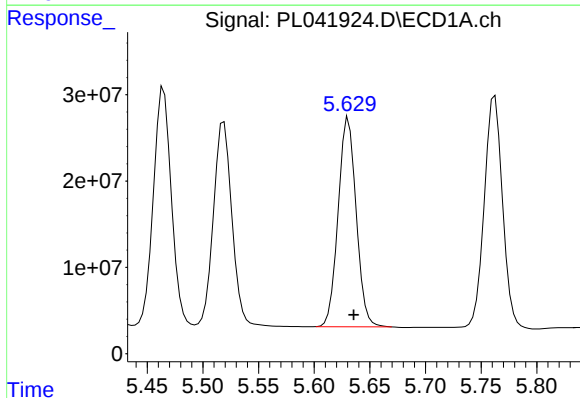
R.T.: 5.465 min  
Delta R.T.: -0.004 min  
Response: 312616941  
Conc: 38.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



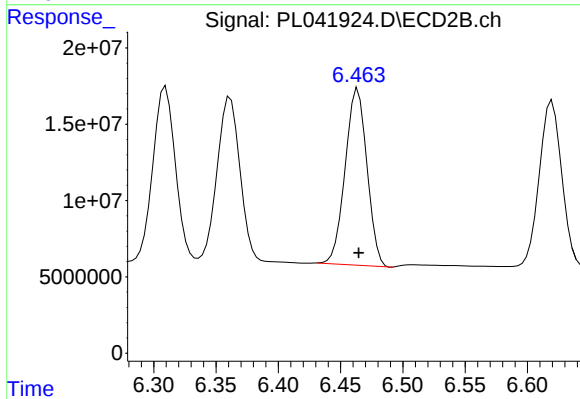
#11 alpha-Chlordane

R.T.: 6.310 min  
Delta R.T.: -0.002 min  
Response: 145997064  
Conc: 43.14 ng/ml



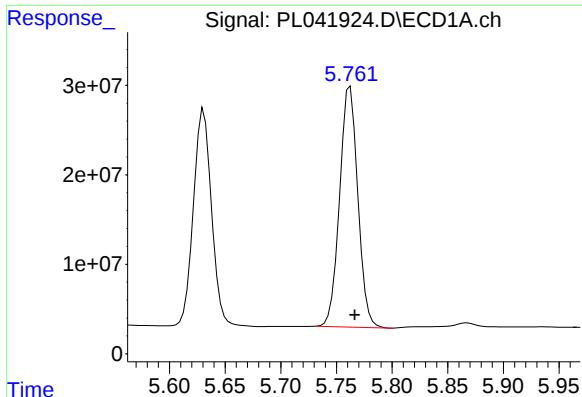
#12 4,4'-DDE

R.T.: 5.631 min  
Delta R.T.: -0.005 min  
Response: 273368474  
Conc: 38.19 ng/ml



#12 4,4'-DDE

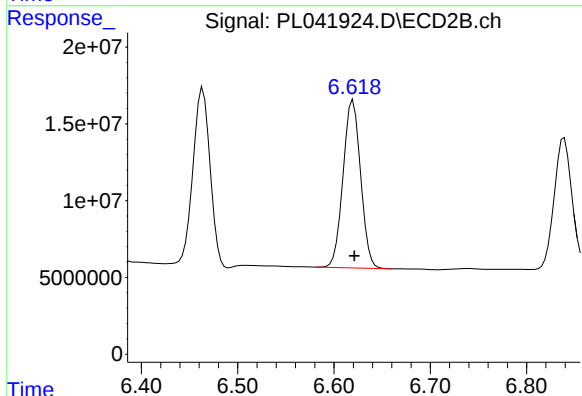
R.T.: 6.464 min  
Delta R.T.: 0.000 min  
Response: 141791050  
Conc: 43.33 ng/ml



#13 Dieldrin

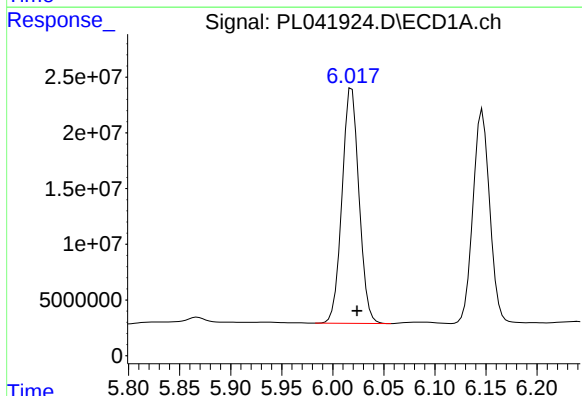
R.T.: 5.762 min  
Delta R.T.: -0.004 min  
Response: 306181347  
Conc: 38.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



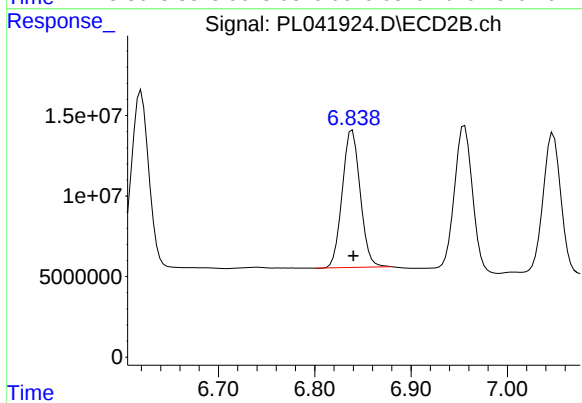
#13 Dieldrin

R.T.: 6.620 min  
Delta R.T.: -0.001 min  
Response: 137619563  
Conc: 42.69 ng/ml



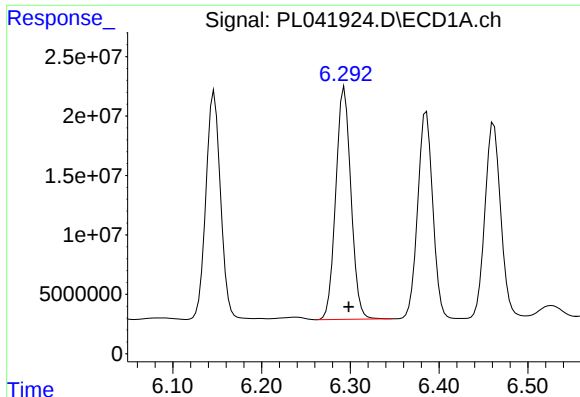
#14 Endrin

R.T.: 6.019 min  
Delta R.T.: -0.005 min  
Response: 244570363  
Conc: 33.44 ng/ml



#14 Endrin

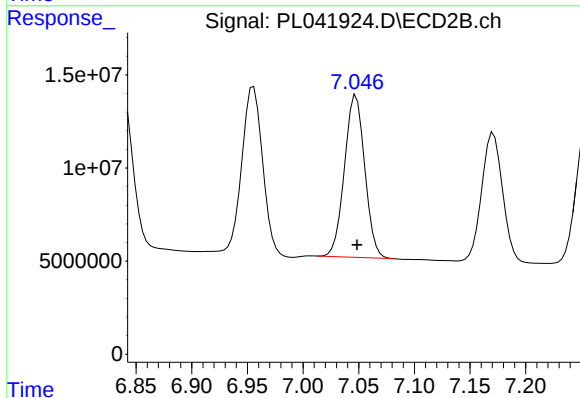
R.T.: 6.839 min  
Delta R.T.: -0.001 min  
Response: 110202023  
Conc: 40.54 ng/ml



#15 Endosulfan II

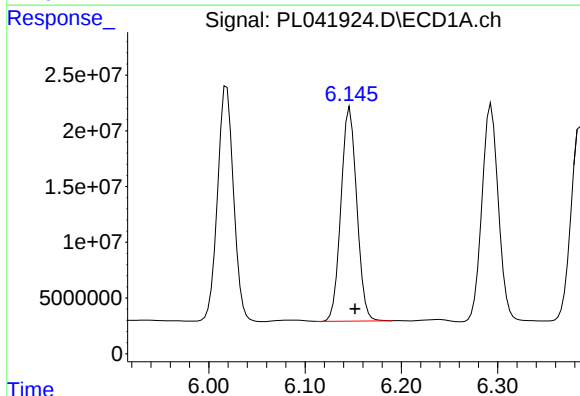
R.T.: 6.293 min  
Delta R.T.: -0.005 min  
Response: 232197908  
Conc: 33.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



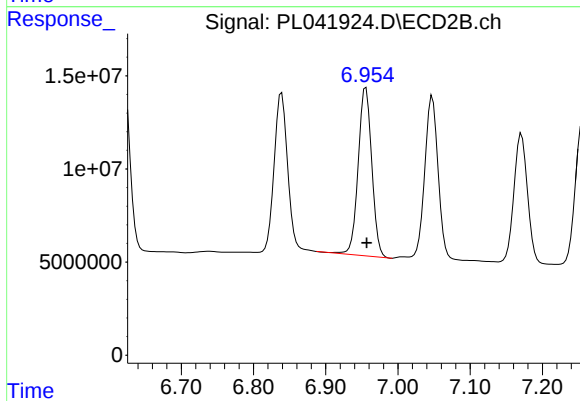
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 110389232  
Conc: 40.80 ng/ml



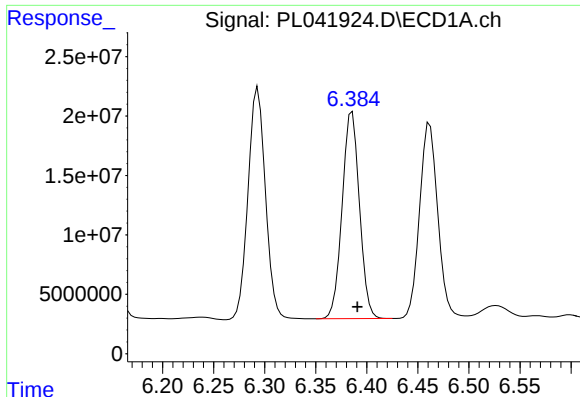
#16 4,4'-DDD

R.T.: 6.147 min  
Delta R.T.: -0.005 min  
Response: 217923173  
Conc: 37.50 ng/ml



#16 4,4'-DDD

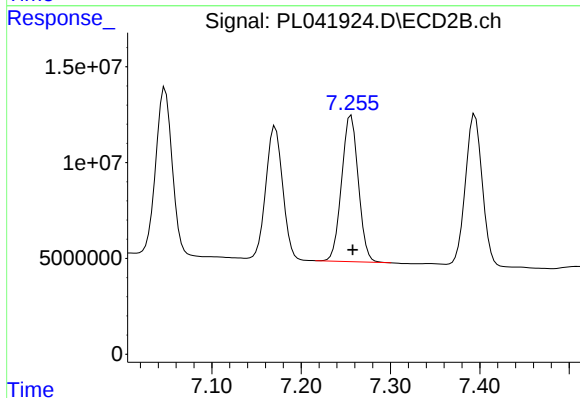
R.T.: 6.956 min  
Delta R.T.: -0.001 min  
Response: 118507755  
Conc: 47.60 ng/ml



#17 4,4'-DDT

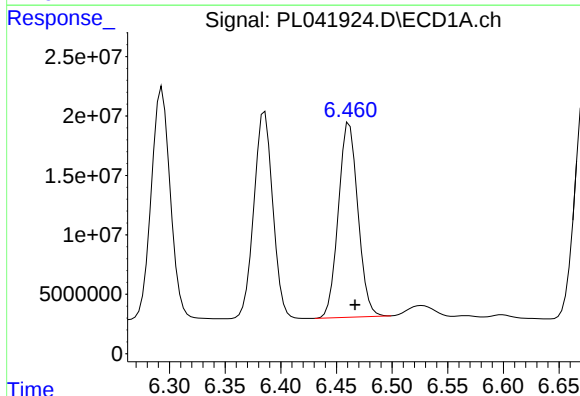
R.T.: 6.386 min  
Delta R.T.: -0.005 min  
Response: 205457069  
Conc: 33.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



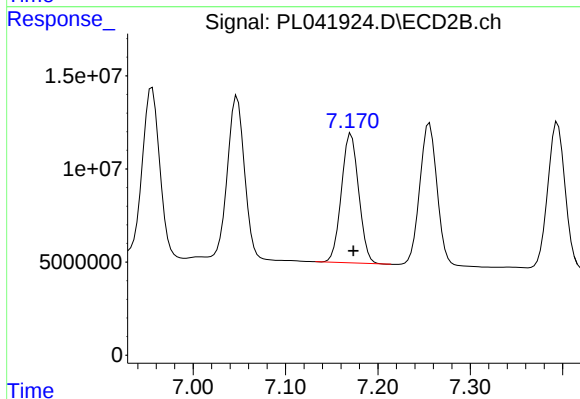
#17 4,4'-DDT

R.T.: 7.256 min  
Delta R.T.: -0.002 min  
Response: 99103813  
Conc: 39.42 ng/ml



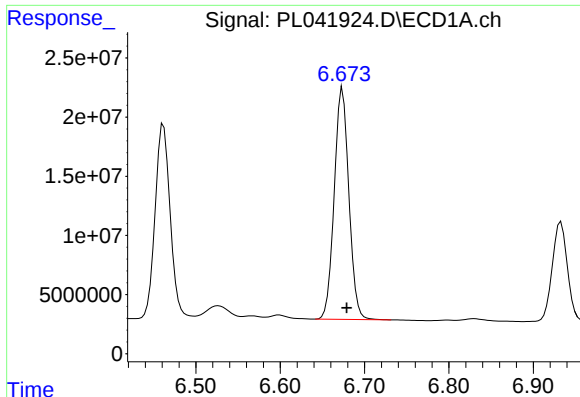
#18 Endrin aldehyde

R.T.: 6.462 min  
Delta R.T.: -0.005 min  
Response: 200259059  
Conc: 36.36 ng/ml



#18 Endrin aldehyde

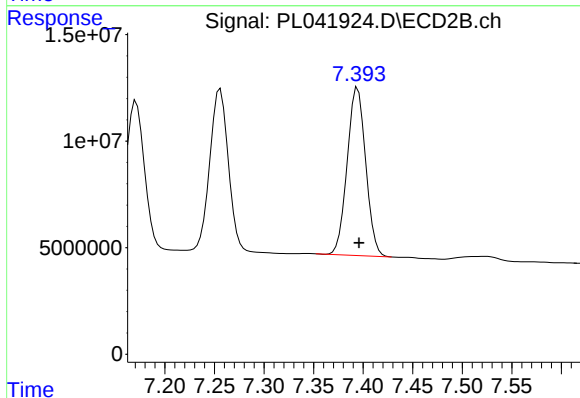
R.T.: 7.171 min  
Delta R.T.: -0.002 min  
Response: 90256100  
Conc: 41.23 ng/ml



#19 Endosulfan Sulfate

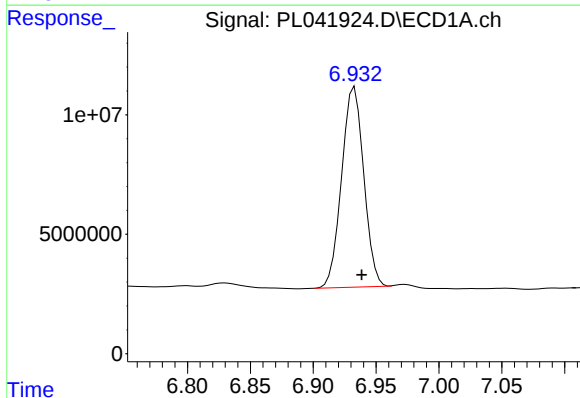
R.T.: 6.674 min  
Delta R.T.: -0.005 min  
Response: 235320623  
Conc: 36.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



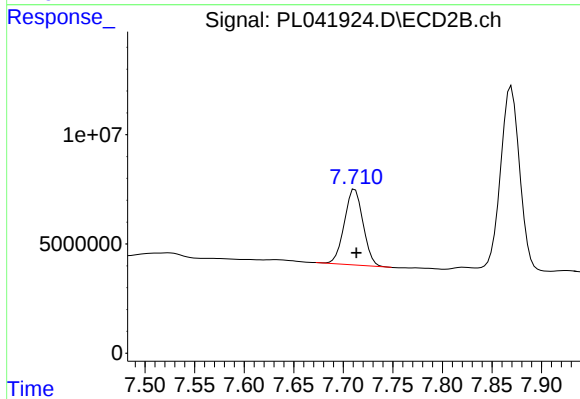
#19 Endosulfan Sulfate

R.T.: 7.394 min  
Delta R.T.: -0.001 min  
Response: 102660789  
Conc: 41.37 ng/ml



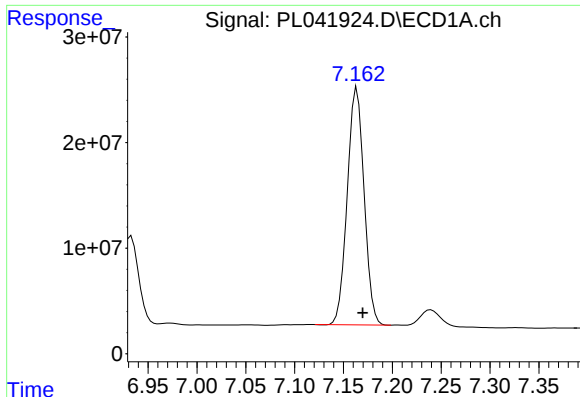
#20 Methoxychlor

R.T.: 6.933 min  
Delta R.T.: -0.006 min  
Response: 102642420  
Conc: 30.53 ng/ml



#20 Methoxychlor

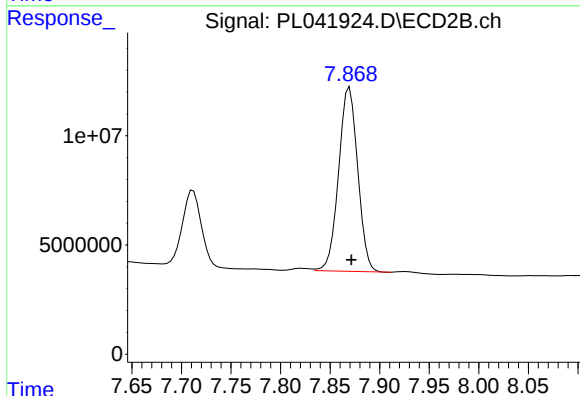
R.T.: 7.712 min  
Delta R.T.: -0.001 min  
Response: 45390815  
Conc: 35.04 ng/ml



#21 Endrin ketone

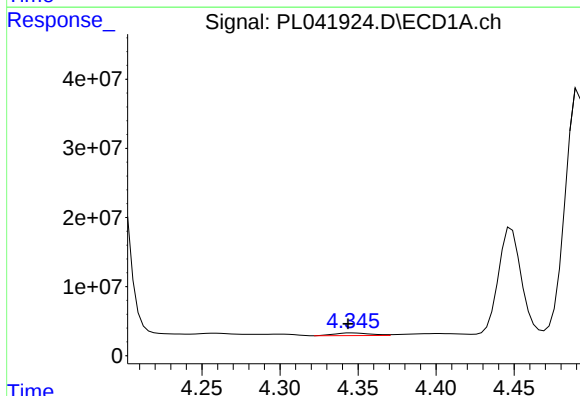
R.T.: 7.164 min  
Delta R.T.: -0.006 min  
Response: 269779711  
Conc: 37.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



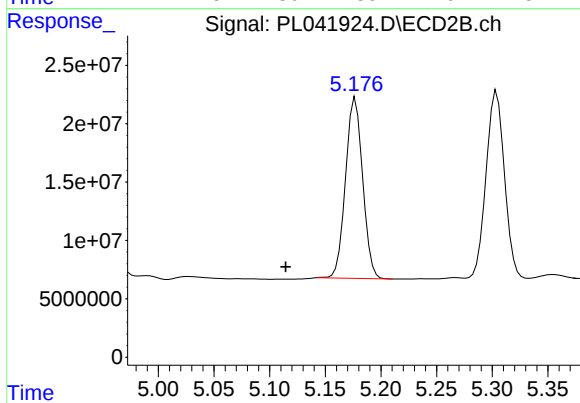
#21 Endrin ketone

R.T.: 7.870 min  
Delta R.T.: -0.002 min  
Response: 112690522  
Conc: 42.82 ng/ml



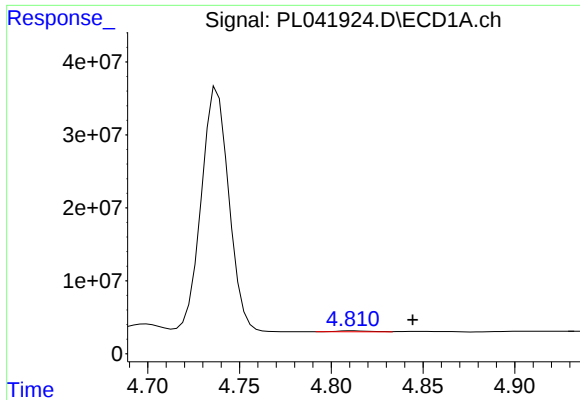
#23 Chlordane-1

R.T.: 4.346 min  
Delta R.T.: 0.003 min  
Response: 6278099  
Conc: 22.14 ng/ml



#23 Chlordane-1

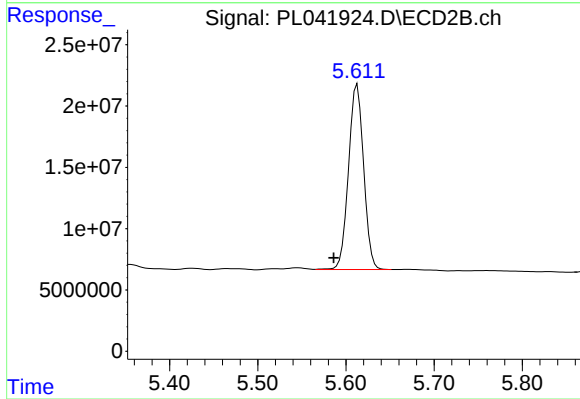
R.T.: 5.177 min  
Delta R.T.: 0.063 min  
Response: 165552468  
Conc: 1191.97 ng/ml



#24 Chlordane-2

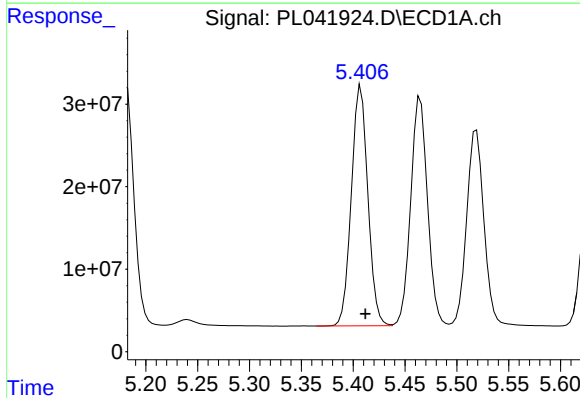
R.T.: 4.812 min  
Delta R.T.: -0.033 min  
Response: 1560317  
Conc: 5.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



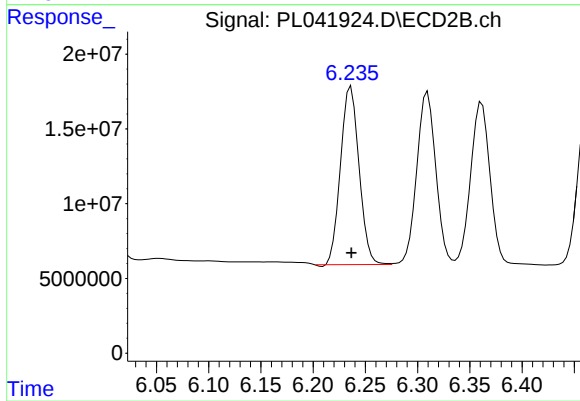
#24 Chlordane-2

R.T.: 5.613 min  
Delta R.T.: 0.027 min  
Response: 179636303  
Conc: 1351.82 ng/ml



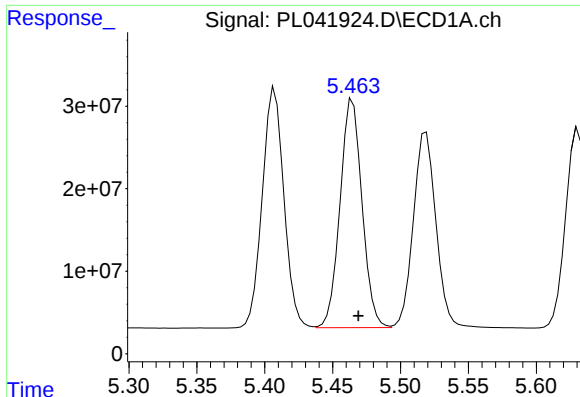
#25 Chlordane-3

R.T.: 5.407 min  
Delta R.T.: -0.005 min  
Response: 322727373  
Conc: 362.09 ng/ml



#25 Chlordane-3

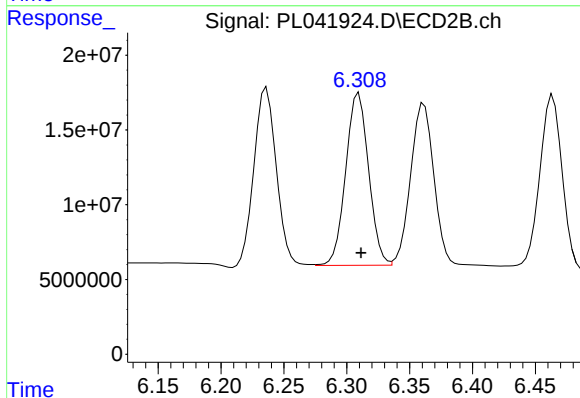
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 146677602  
Conc: 325.93 ng/ml



#26 Chlordane-4

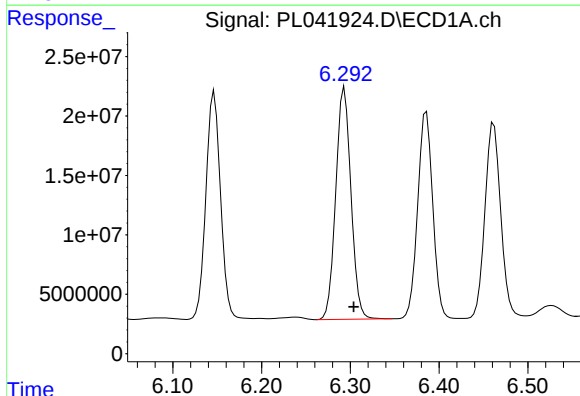
R.T.: 5.465 min  
Delta R.T.: -0.004 min  
Response: 312616941  
Conc: 399.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



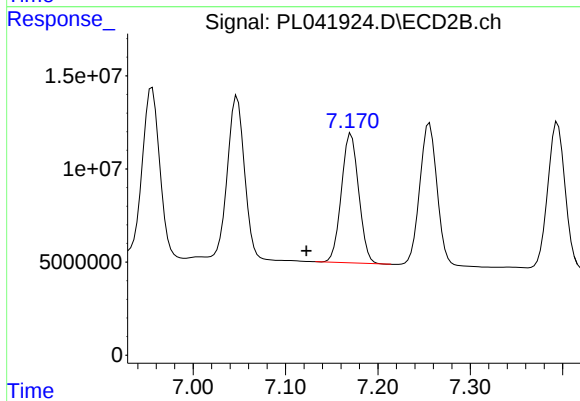
#26 Chlordane-4

R.T.: 6.310 min  
Delta R.T.: -0.002 min  
Response: 145997064  
Conc: 279.25 ng/ml



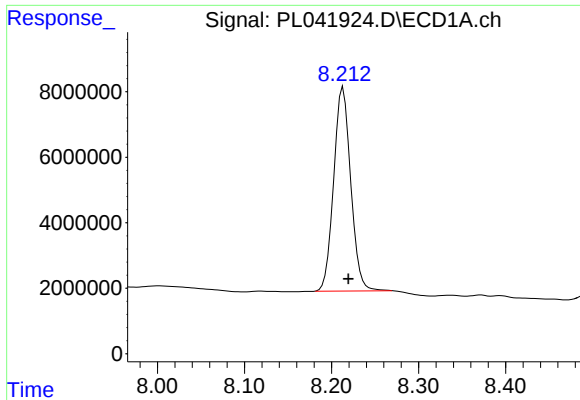
#27 Chlordane-5

R.T.: 6.293 min  
Delta R.T.: -0.011 min  
Response: 232197908  
Conc: 931.16 ng/ml



#27 Chlordane-5

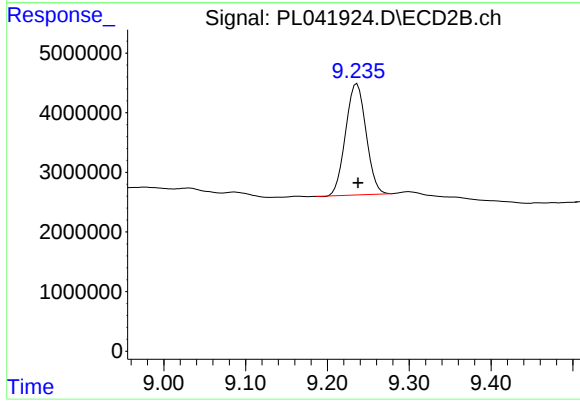
R.T.: 7.171 min  
Delta R.T.: 0.048 min  
Response: 90256100  
Conc: 924.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.213 min  
Delta R.T.: -0.006 min  
Response: 84852349  
Conc: 12.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SB-1MS



#28 Decachlorobiphenyl

R.T.: 9.236 min  
Delta R.T.: -0.002 min  
Response: 32261592  
Conc: 12.59 ng/ml