

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031319\  
 Data File : PL045860.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Mar 2019 23:44  
 Operator : AJ\SJ  
 Sample : K1824-02MS  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-24MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 14 01:12:12 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 2019  
 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... | 3.362 | 3.981  | 140.9E6 | 45355563 | 20.483  | 21.179     |
| 28)                         | SA Decachlor... | 8.042 | 9.037  | 124.4E6 | 36432525 | 14.863  | 15.945     |
| Target Compounds            |                 |       |        |         |          |         |            |
| 2)                          | A alpha-BHC     | 3.792 | 4.371  | 594.4E6 | 170.0E6  | 53.517  | 55.943     |
| 3)                          | MA gamma-BHC... | 4.069 | 4.655  | 532.8E6 | 152.1E6  | 52.719  | 53.865     |
| 4)                          | MA Heptachlor   | 4.357 | 5.162  | 570.6E6 | 167.3E6  | 54.072  | 56.232     |
| 5)                          | MB Aldrin       | 4.597 | 5.467  | 528.2E6 | 158.7E6  | 54.309  | 58.742     |
| 6)                          | B beta-BHC      | 4.322 | 4.827  | 205.1E6 | 65519422 | 47.842  | 51.592     |
| 7)                          | B delta-BHC     | 4.518 | 5.043  | 314.1E6 | 62243684 | 32.862  | 28.939     |
| 8)                          | B Heptachlor... | 5.034 | 5.852  | 502.5E6 | 122.8E6  | 53.842  | 51.120     |
| 9)                          | A Endosulfan I  | 5.366 | 6.209  | 406.7E6 | 117.1E6  | 45.503  | 47.033     |
| 10)                         | B gamma-Chl...  | 5.258 | 6.087  | 551.5E6 | 156.2E6  | 56.347  | 58.204     |
| 11)                         | B alpha-Chl...  | 5.314 | 6.159  | 526.6E6 | 152.1E6  | 54.304  | 56.400     |
| 12)                         | B 4,4'-DDE      | 5.481 | 6.317  | 550.9E6 | 152.4E6  | 62.758  | 65.251     |
| 13)                         | MA Dieldrin     | 5.606 | 6.466  | 527.3E6 | 144.9E6  | 55.174  | 56.375     |
| 14)                         | MA Endrin       | 5.859 | 6.683  | 411.3E6 | 106.9E6  | 45.667  | 46.975     |
| 15)                         | B Endosulfa...  | 6.134 | 6.893  | 331.0E6 | 96913232 | 38.184  | 41.211     |
| 16)                         | A 4,4'-DDD      | 5.992 | 6.807  | 358.0E6 | 100.1E6  | 48.901  | 52.046     |
| 17)                         | MA 4,4'-DDT     | 6.227 | 7.105  | 392.0E6 | 109.1E6  | 52.268  | 55.274     |
| 18)                         | B Endrin al...  | 6.300 | 7.016  | 219.9E6 | 64638482 | 30.083  | 31.620     |
| 19)                         | B Endosulfa...  | 6.512 | 7.239  | 222.7E6 | 66998646 | 27.401  | 29.784     |
| 20)                         | A Methoxychlor  | 6.772 | 7.563  | 152.3E6 | 46692012 | 34.680  | 38.041     |
| 21)                         | B Endrin ke...  | 6.996 | 7.709  | 341.1E6 | 92814990 | 37.021  | 39.024     |
| 22)                         | Mirex           | 7.172 | 8.162  | 374.2E6 | 106.5E6  | 50.290  | 53.468     |
| 24)                         | Chlordane-2     | 0.000 | 5.467f | 0       | 158.7E6  | N.D.    | 1313.080 # |
| 25)                         | Chlordane-3     | 5.258 | 6.087  | 551.5E6 | 156.2E6  | 480.780 | 400.782    |
| 26)                         | Chlordane-4     | 5.314 | 6.159  | 526.6E6 | 152.1E6  | 496.756 | 325.228 #  |
| 27)                         | Chlordane-5     | 6.134 | 0.000  | 331.0E6 | 0        | 958.454 | N.D. #     |
| -----                       |                 |       |        |         |          |         |            |

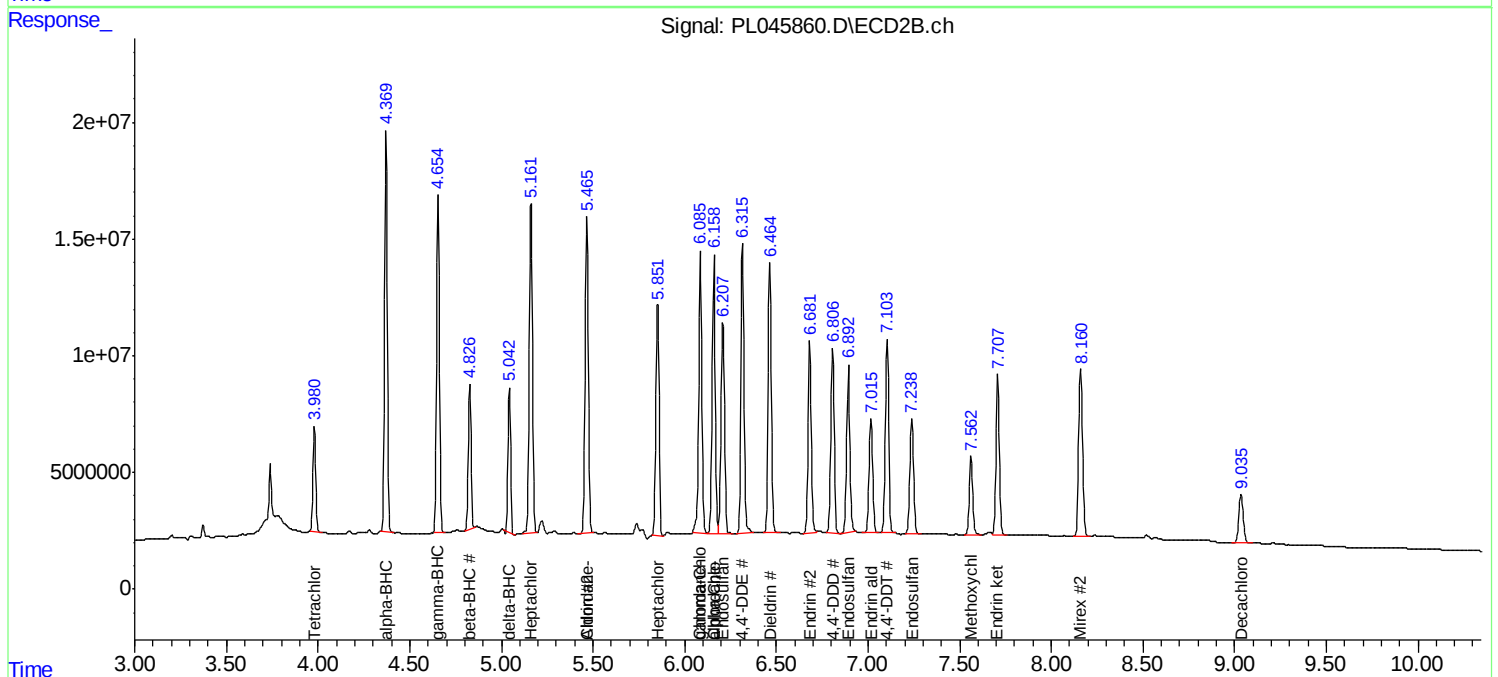
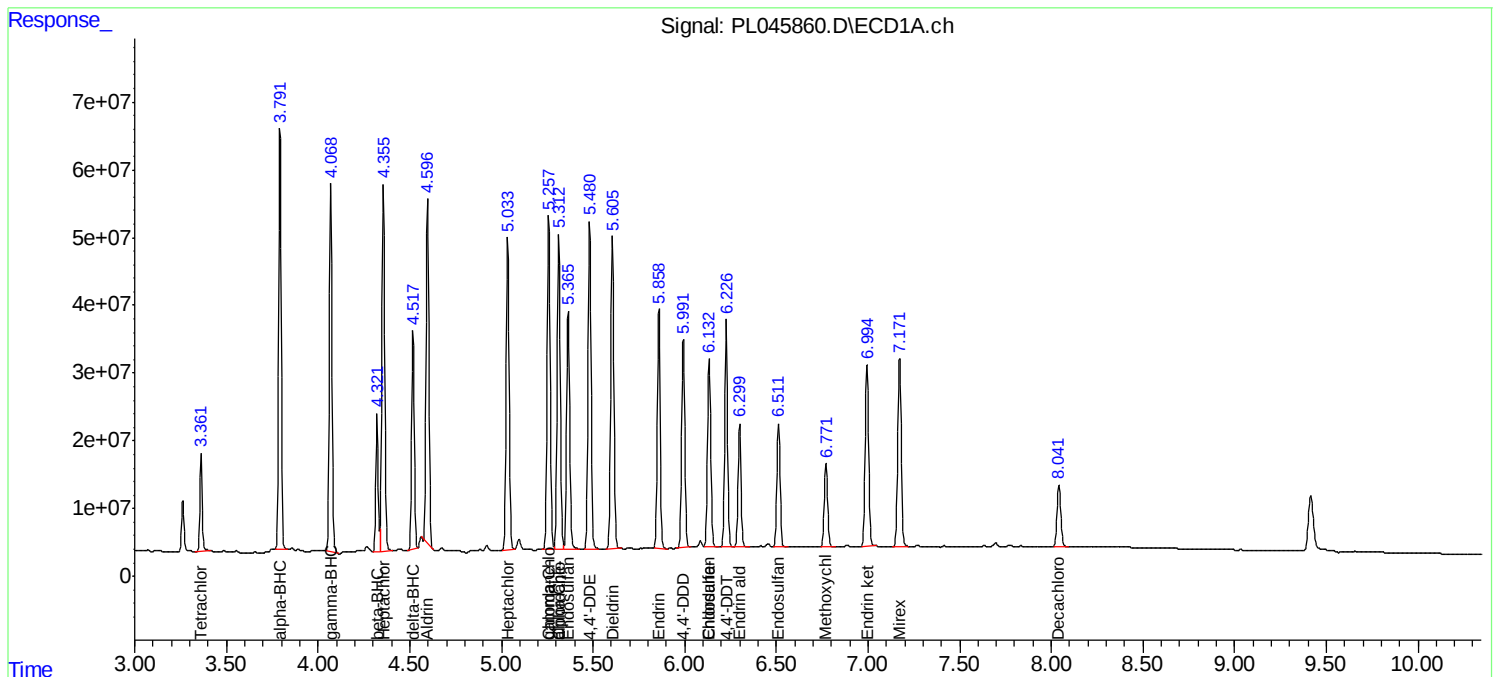
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

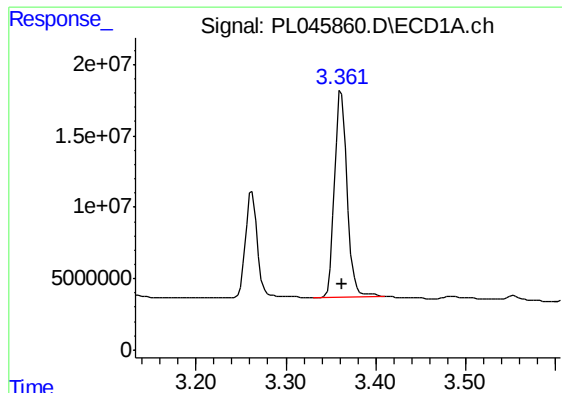
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031319\  
Data File : PL045860.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Mar 2019 23:44  
Operator : AJ\SJ  
Sample : K1824-02MS  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 14 01:12:12 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
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

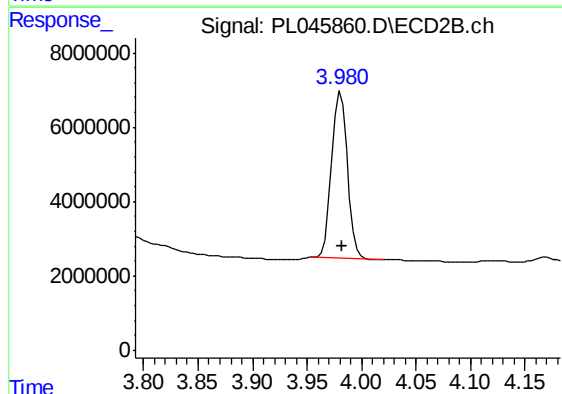




#1 Tetrachloro-m-xylene

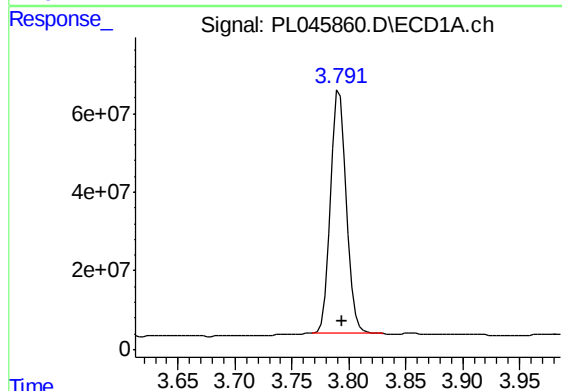
R.T.: 3.362 min  
Delta R.T.: 0.000 min  
Response: 140908643  
Conc: 20.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



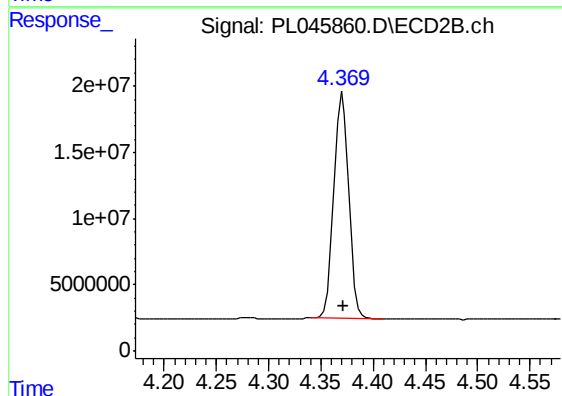
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: 0.000 min  
Response: 45355563  
Conc: 21.18 ng/ml



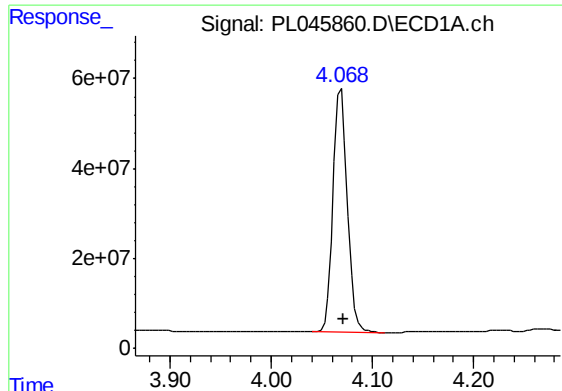
#2 alpha-BHC

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 594428601  
Conc: 53.52 ng/ml



#2 alpha-BHC

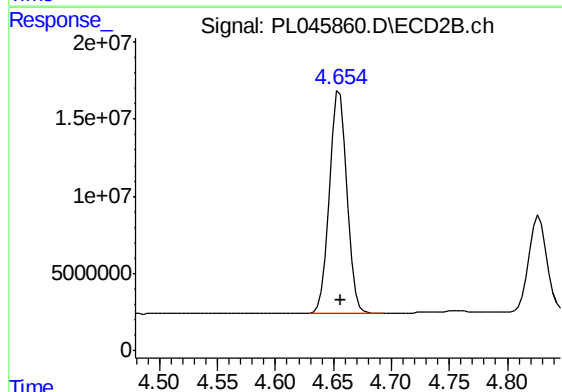
R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 169990507  
Conc: 55.94 ng/ml



#3 gamma-BHC (Lindane)

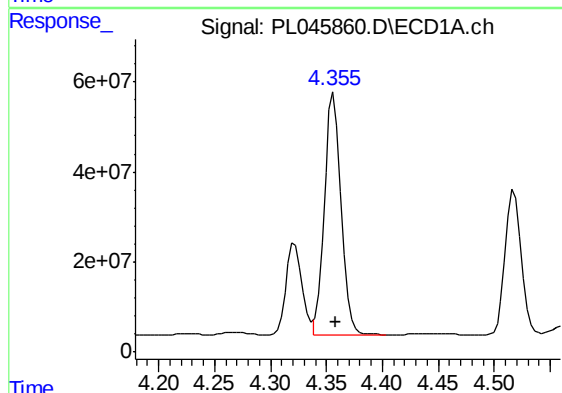
R.T.: 4.069 min  
Delta R.T.: -0.001 min  
Response: 532836259  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



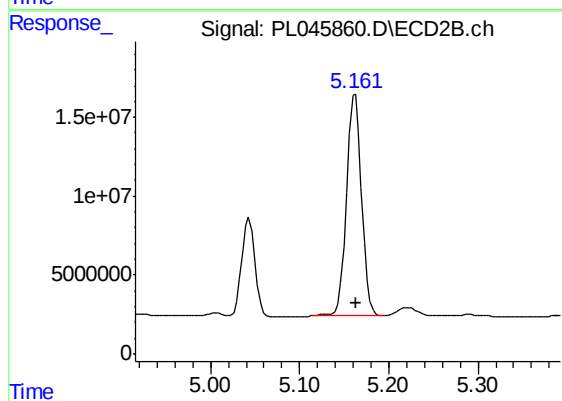
#3 gamma-BHC (Lindane)

R.T.: 4.655 min  
Delta R.T.: 0.000 min  
Response: 152147541  
Conc: 53.86 ng/ml



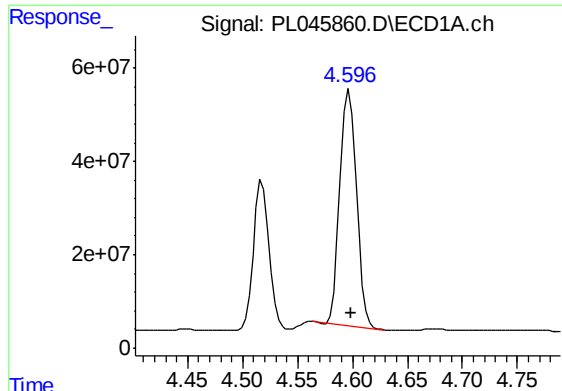
#4 Heptachlor

R.T.: 4.357 min  
Delta R.T.: -0.002 min  
Response: 570585892  
Conc: 54.07 ng/ml



#4 Heptachlor

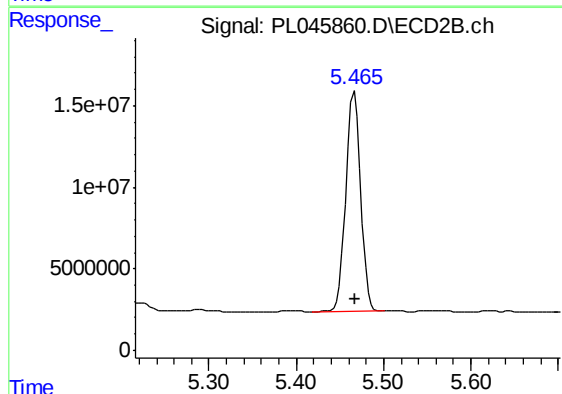
R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 167288439  
Conc: 56.23 ng/ml



#5 Aldrin

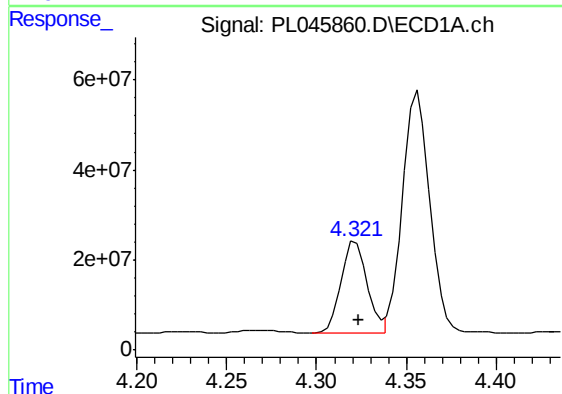
R.T.: 4.597 min  
Delta R.T.: -0.002 min  
Response: 528227401  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



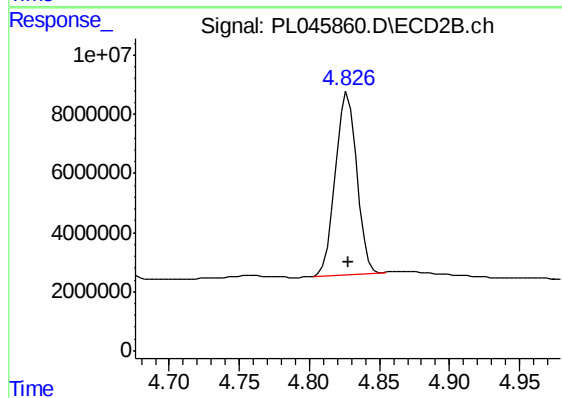
#5 Aldrin

R.T.: 5.467 min  
Delta R.T.: 0.000 min  
Response: 158659690  
Conc: 58.74 ng/ml



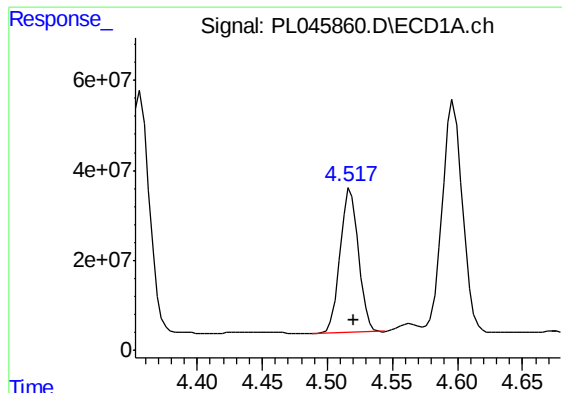
#6 beta-BHC

R.T.: 4.322 min  
Delta R.T.: -0.002 min  
Response: 205055664  
Conc: 47.84 ng/ml



#6 beta-BHC

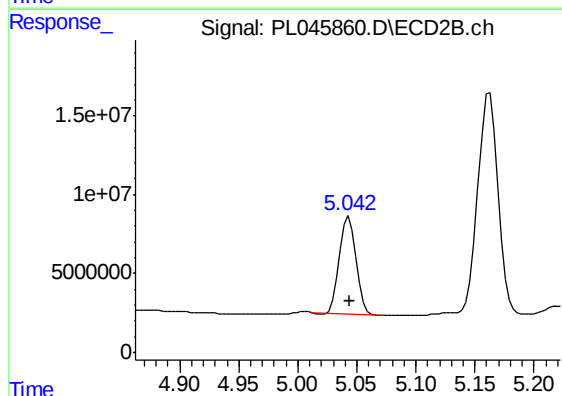
R.T.: 4.827 min  
Delta R.T.: 0.000 min  
Response: 65519422  
Conc: 51.59 ng/ml



#7 delta-BHC

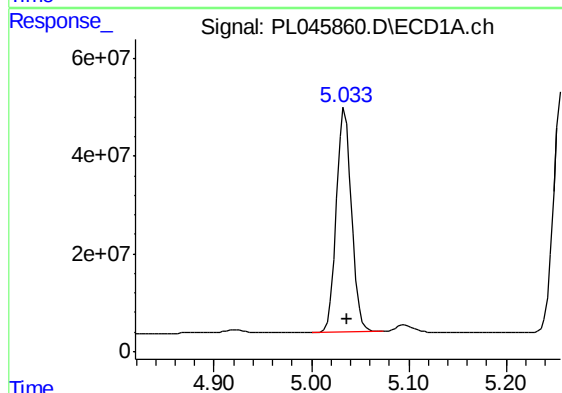
R.T.: 4.518 min  
Delta R.T.: -0.002 min  
Response: 314093681  
Conc: 32.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



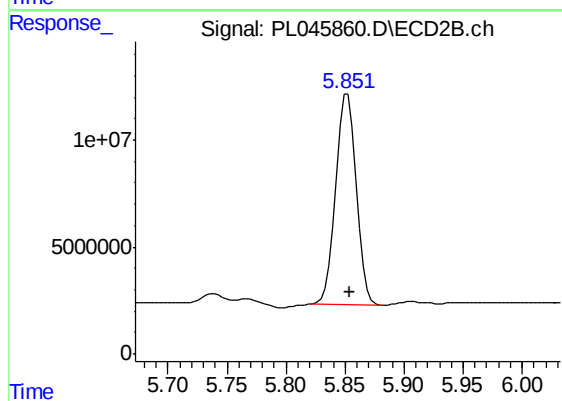
#7 delta-BHC

R.T.: 5.043 min  
Delta R.T.: 0.000 min  
Response: 62243684  
Conc: 28.94 ng/ml



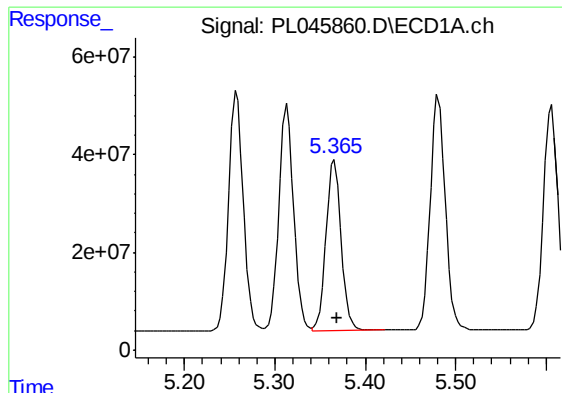
#8 Heptachlor epoxide

R.T.: 5.034 min  
Delta R.T.: -0.003 min  
Response: 502510146  
Conc: 53.84 ng/ml



#8 Heptachlor epoxide

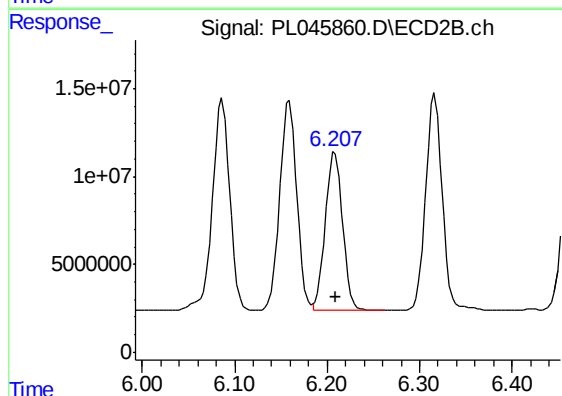
R.T.: 5.852 min  
Delta R.T.: -0.001 min  
Response: 122787383  
Conc: 51.12 ng/ml



#9 Endosulfan I

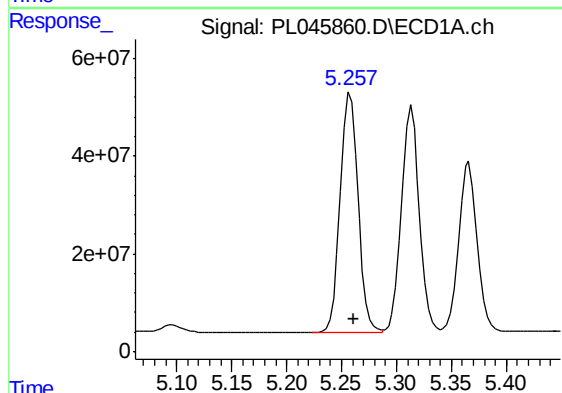
R.T.: 5.366 min  
Delta R.T.: -0.003 min  
Response: 406718150  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



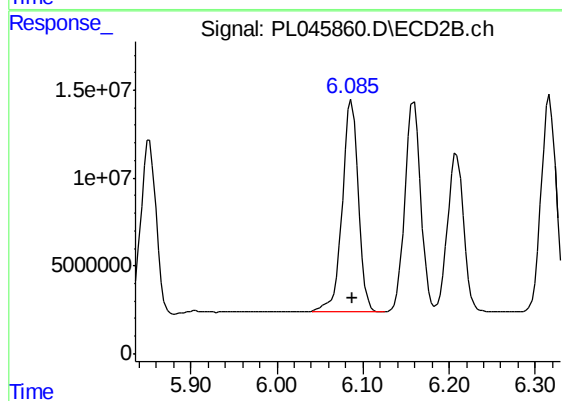
#9 Endosulfan I

R.T.: 6.209 min  
Delta R.T.: -0.001 min  
Response: 117125491  
Conc: 47.03 ng/ml



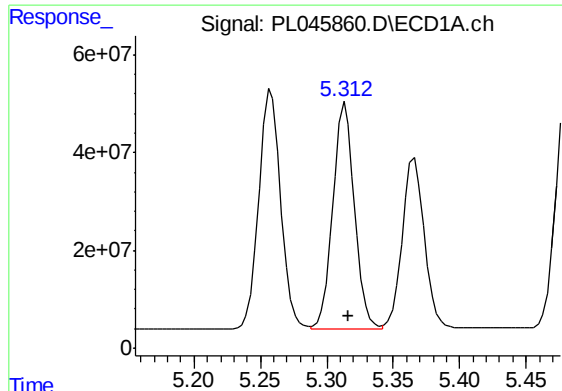
#10 gamma-Chlordane

R.T.: 5.258 min  
Delta R.T.: -0.002 min  
Response: 551465563  
Conc: 56.35 ng/ml



#10 gamma-Chlordane

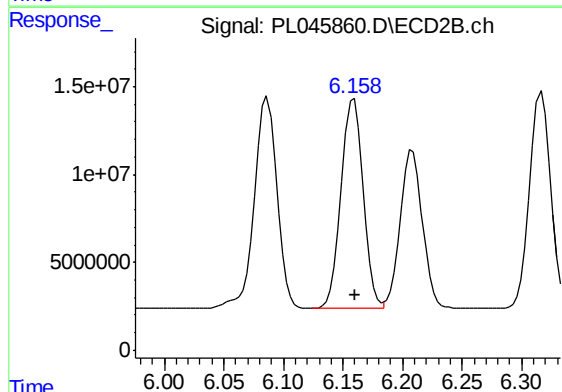
R.T.: 6.087 min  
Delta R.T.: -0.001 min  
Response: 156156654  
Conc: 58.20 ng/ml



#11 alpha-Chlordane

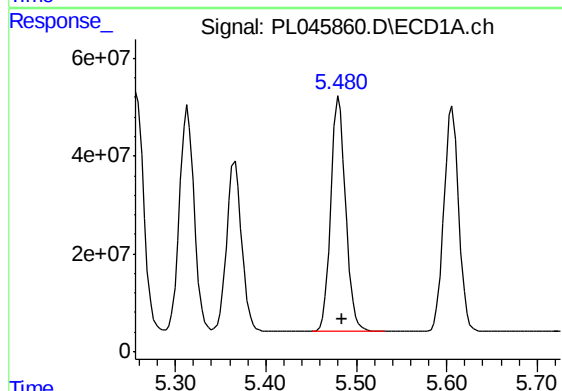
R.T.: 5.314 min  
Delta R.T.: -0.003 min  
Response: 526587951  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



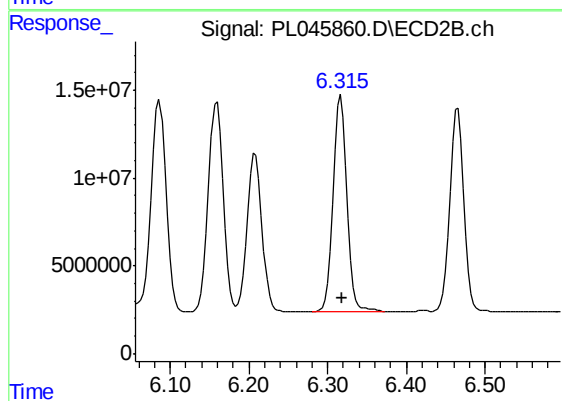
#11 alpha-Chlordane

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 152149805  
Conc: 56.40 ng/ml



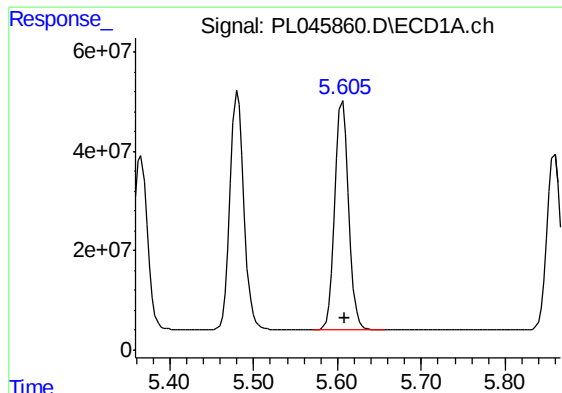
#12 4,4'-DDE

R.T.: 5.481 min  
Delta R.T.: -0.003 min  
Response: 550899706  
Conc: 62.76 ng/ml



#12 4,4'-DDE

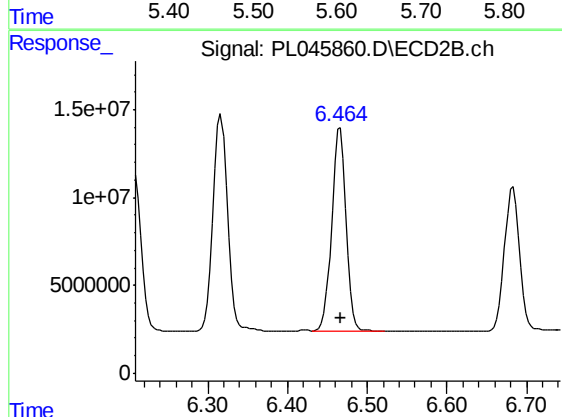
R.T.: 6.317 min  
Delta R.T.: -0.001 min  
Response: 152419361  
Conc: 65.25 ng/ml



#13 Dielddrin

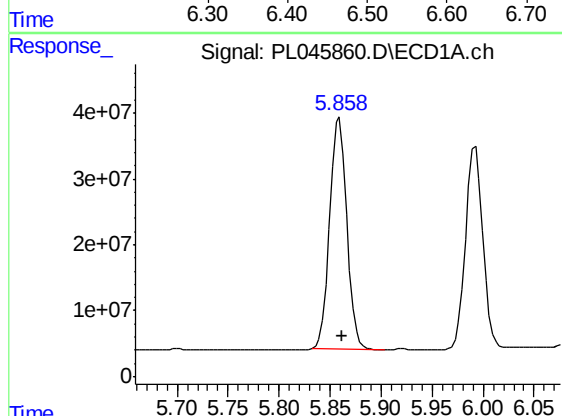
R.T.: 5.606 min  
Delta R.T.: -0.003 min  
Response: 527346618  
Conc: 55.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



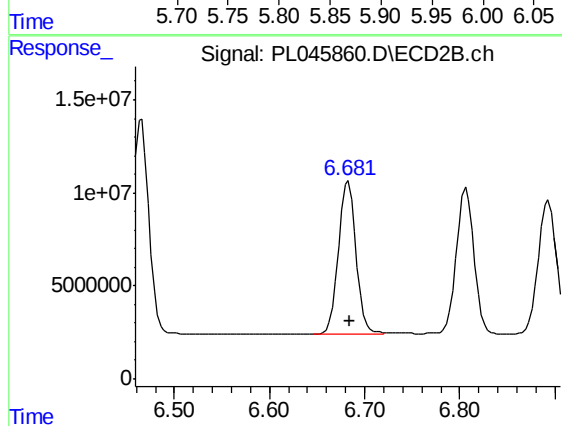
#13 Dielddrin

R.T.: 6.466 min  
Delta R.T.: -0.001 min  
Response: 144868853  
Conc: 56.38 ng/ml



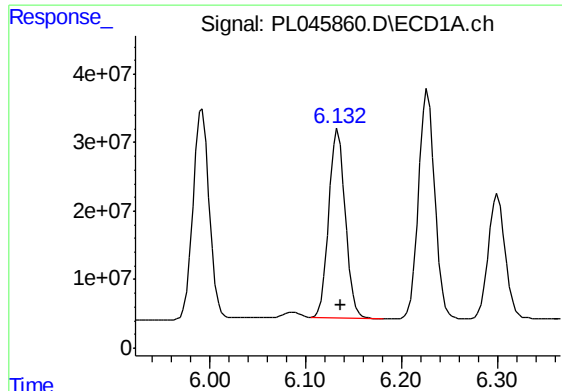
#14 Endrin

R.T.: 5.859 min  
Delta R.T.: -0.003 min  
Response: 411269404  
Conc: 45.67 ng/ml



#14 Endrin

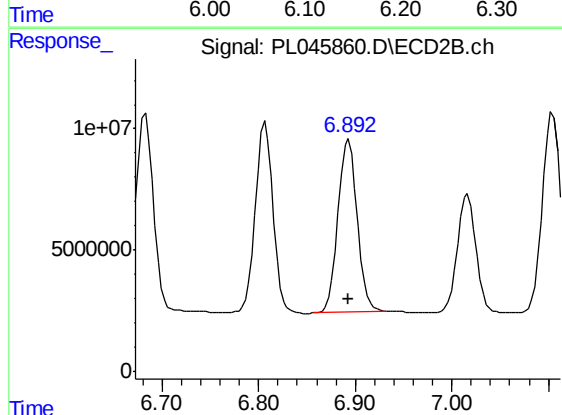
R.T.: 6.683 min  
Delta R.T.: -0.001 min  
Response: 106882390  
Conc: 46.98 ng/ml



#15 Endosulfan II

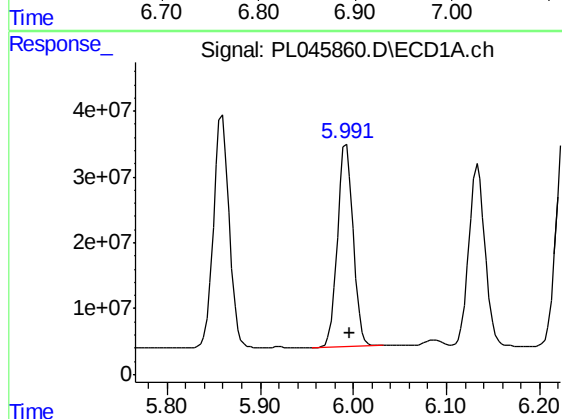
R.T.: 6.134 min  
Delta R.T.: -0.003 min  
Response: 330998877  
Conc: 38.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



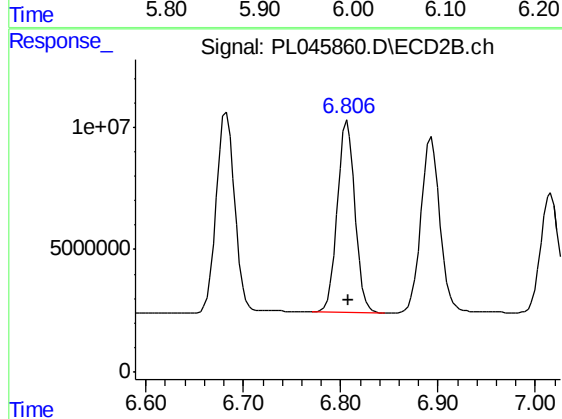
#15 Endosulfan II

R.T.: 6.893 min  
Delta R.T.: 0.000 min  
Response: 96913232  
Conc: 41.21 ng/ml



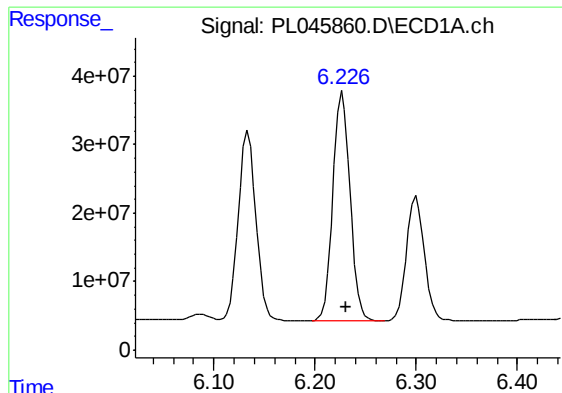
#16 4,4'-DDD

R.T.: 5.992 min  
Delta R.T.: -0.003 min  
Response: 358046247  
Conc: 48.90 ng/ml



#16 4,4'-DDD

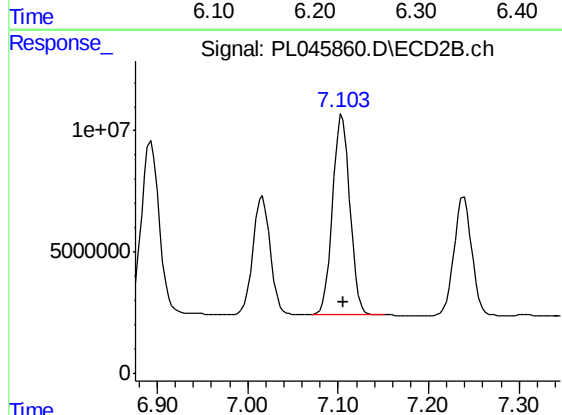
R.T.: 6.807 min  
Delta R.T.: 0.000 min  
Response: 100088905  
Conc: 52.05 ng/ml



#17 4,4'-DDT

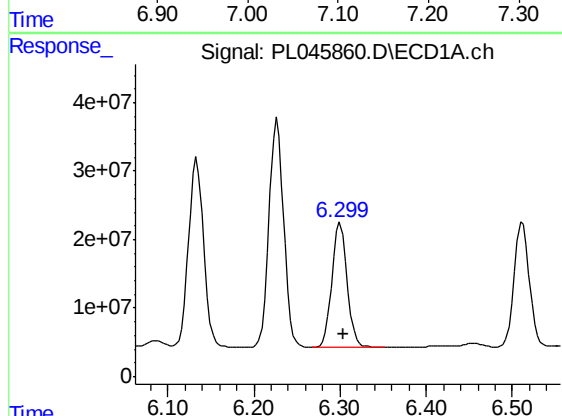
R.T.: 6.227 min  
Delta R.T.: -0.004 min  
Response: 392019764  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



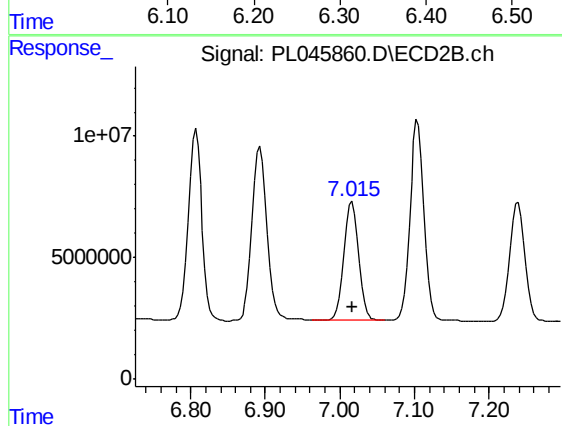
#17 4,4'-DDT

R.T.: 7.105 min  
Delta R.T.: -0.001 min  
Response: 109080569  
Conc: 55.27 ng/ml



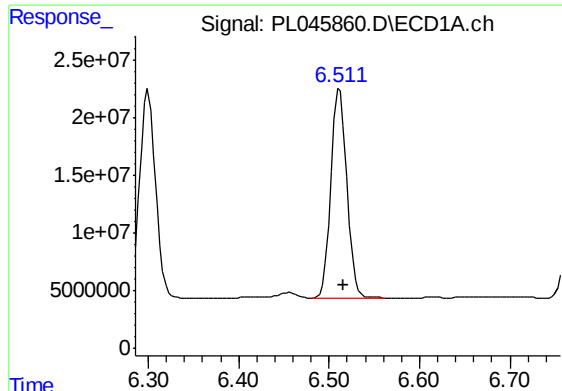
#18 Endrin aldehyde

R.T.: 6.300 min  
Delta R.T.: -0.004 min  
Response: 219892184  
Conc: 30.08 ng/ml



#18 Endrin aldehyde

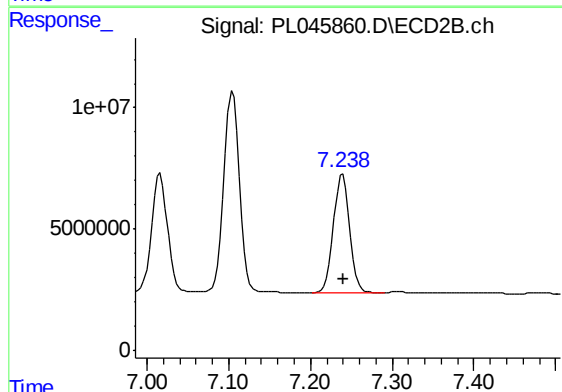
R.T.: 7.016 min  
Delta R.T.: -0.001 min  
Response: 64638482  
Conc: 31.62 ng/ml



#19 Endosulfan Sulfate

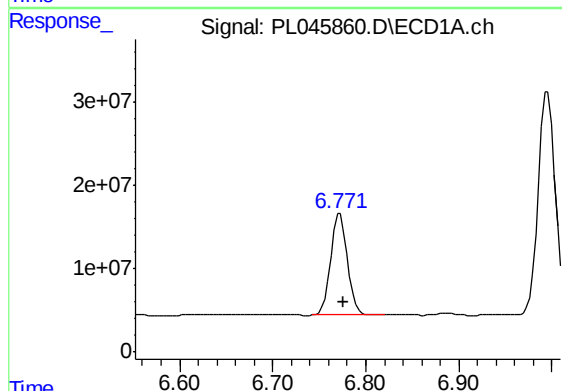
R.T.: 6.512 min  
Delta R.T.: -0.003 min  
Response: 222720399  
Conc: 27.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



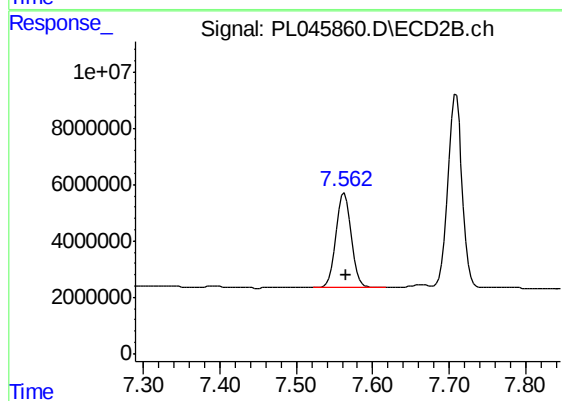
#19 Endosulfan Sulfate

R.T.: 7.239 min  
Delta R.T.: -0.001 min  
Response: 66998646  
Conc: 29.78 ng/ml



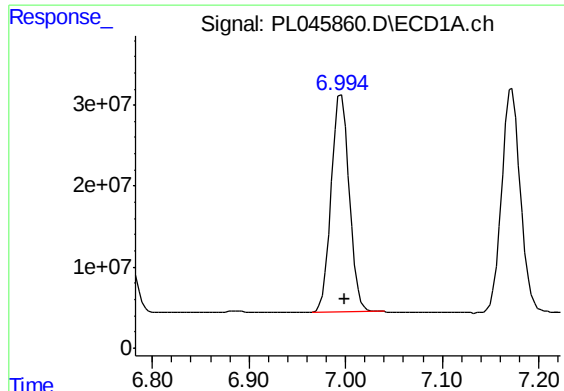
#20 Methoxychlor

R.T.: 6.772 min  
Delta R.T.: -0.004 min  
Response: 152305976  
Conc: 34.68 ng/ml



#20 Methoxychlor

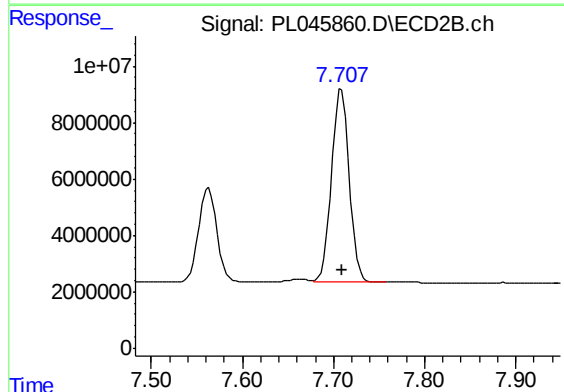
R.T.: 7.563 min  
Delta R.T.: -0.001 min  
Response: 46692012  
Conc: 38.04 ng/ml



#21 Endrin ketone

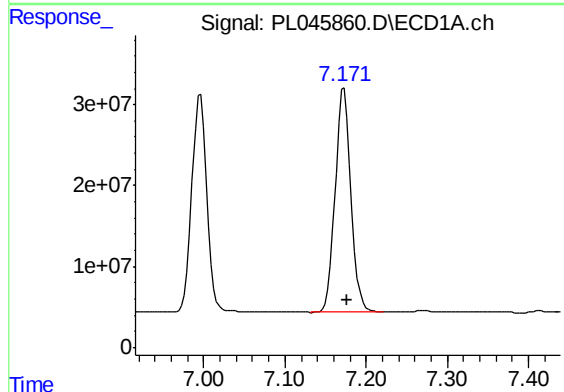
R.T.: 6.996 min  
Delta R.T.: -0.004 min  
Response: 341062737  
Conc: 37.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



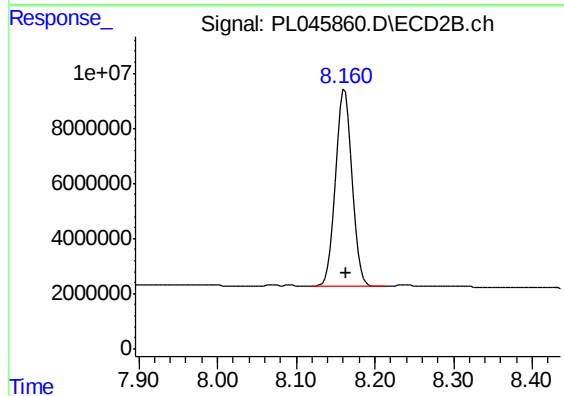
#21 Endrin ketone

R.T.: 7.709 min  
Delta R.T.: -0.001 min  
Response: 92814990  
Conc: 39.02 ng/ml



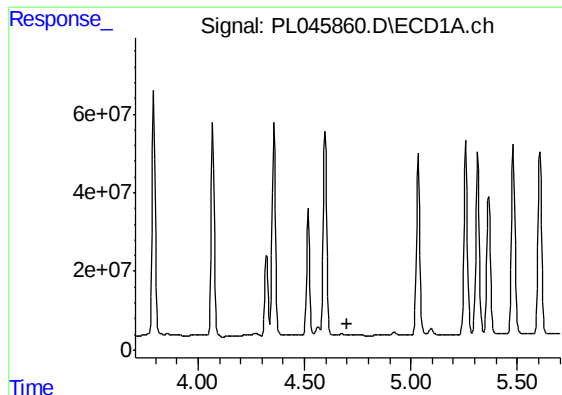
#22 Mirex

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 374166049  
Conc: 50.29 ng/ml



#22 Mirex

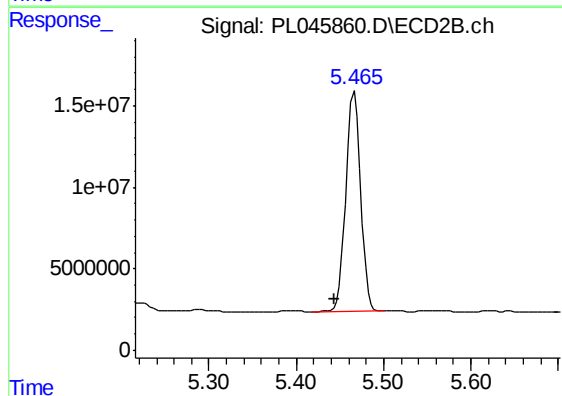
R.T.: 8.162 min  
Delta R.T.: -0.001 min  
Response: 106490629  
Conc: 53.47 ng/ml



#24 Chlordane-2

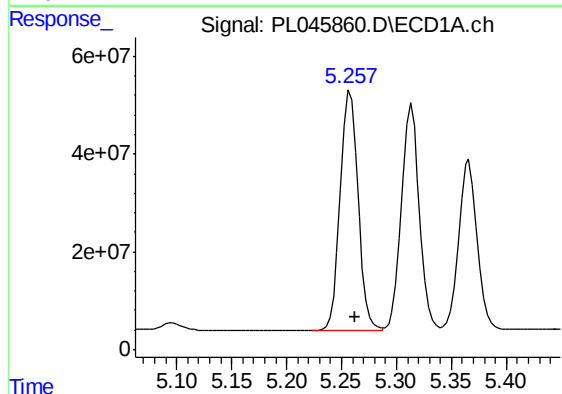
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



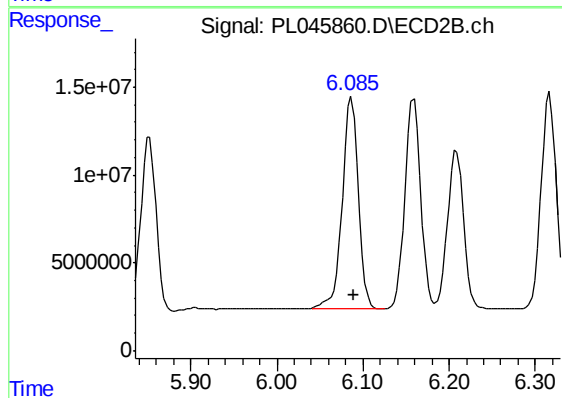
#24 Chlordane-2

R.T.: 5.467 min  
Delta R.T.: 0.024 min  
Response: 158659690  
Conc: 1313.08 ng/ml



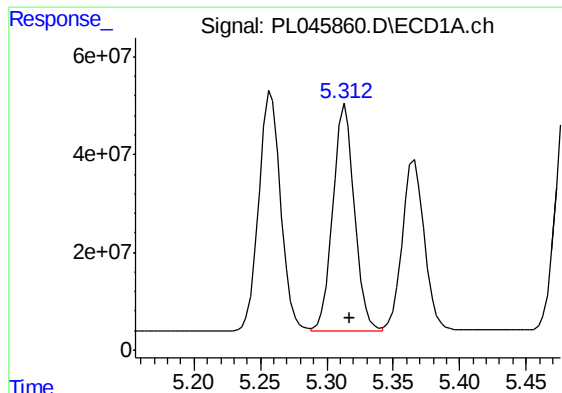
#25 Chlordane-3

R.T.: 5.258 min  
Delta R.T.: -0.004 min  
Response: 551465563  
Conc: 480.78 ng/ml



#25 Chlordane-3

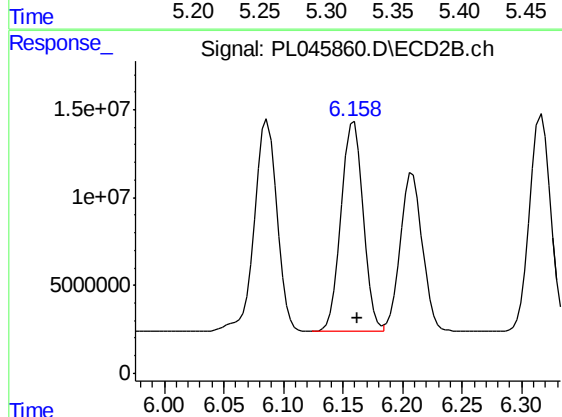
R.T.: 6.087 min  
Delta R.T.: -0.002 min  
Response: 156156654  
Conc: 400.78 ng/ml



#26 Chlordane-4

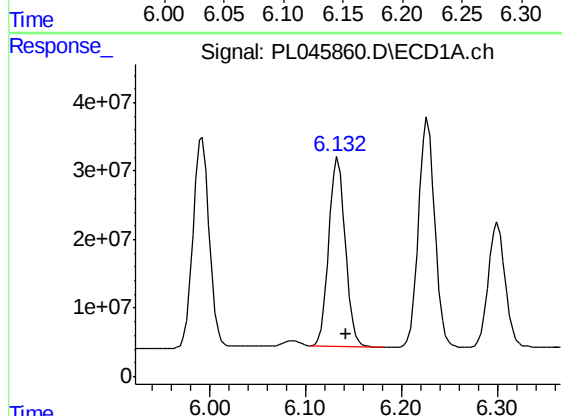
R.T.: 5.314 min  
Delta R.T.: -0.003 min  
Response: 526587951  
Conc: 496.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



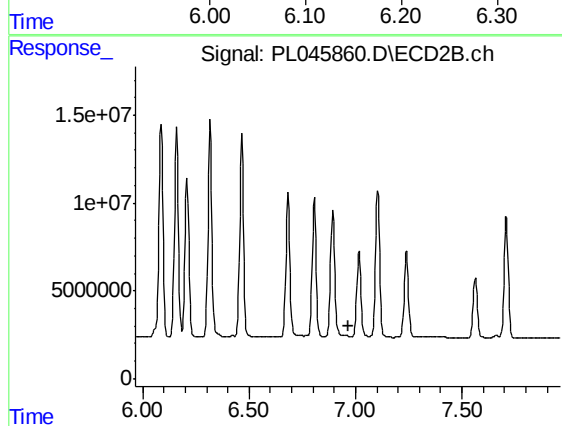
#26 Chlordane-4

R.T.: 6.159 min  
Delta R.T.: -0.003 min  
Response: 152149805  
Conc: 325.23 ng/ml



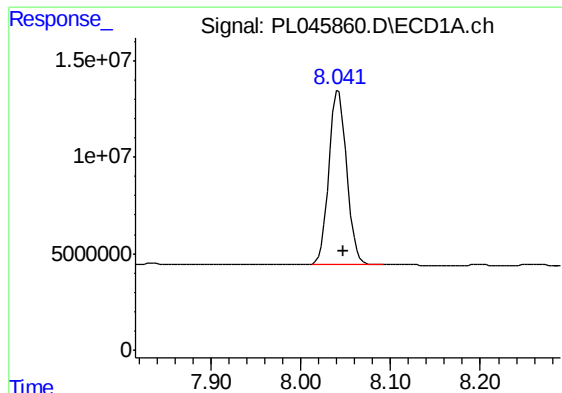
#27 Chlordane-5

R.T.: 6.134 min  
Delta R.T.: -0.009 min  
Response: 330998877  
Conc: 958.45 ng/ml



#27 Chlordane-5

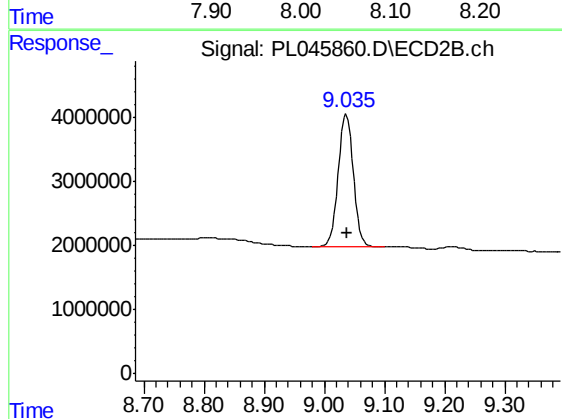
R.T.: 0.000 min  
Exp R.T. : 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.042 min  
Delta R.T.: -0.005 min  
Response: 124366753  
Conc: 14.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-24MS



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: -0.002 min  
Response: 36432525  
Conc: 15.94 ng/ml