

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081718\  
 Data File : PL039265.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2018 17:36  
 Operator : AJ\SJ  
 Sample : PB112150BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB112150BS

Manual Integrations  
 APPROVED

Sohil  
 8/20/2018 12:58:57 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 22:47:59 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.304 | 3.906 | 136.4E6 | 56912759 | 19.514  | 21.229 |
| 2)                          | SA Decachlor... | 7.961 | 8.893 | 133.5E6 | 51406881 | 19.005  | 22.152 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.732 | 4.284 | 545.4E6 | 218.7E6  | 46.143  | 51.938 |
| 3)                          | MA gamma-BHC... | 4.007 | 4.562 | 496.4E6 | 198.5E6  | 46.801  | 49.302 |
| 4)                          | MA Heptachlor   | 4.289 | 5.069 | 495.6E6 | 196.5E6  | 47.080  | 54.964 |
| 5)                          | MB Aldrin       | 4.526 | 5.370 | 470.4E6 | 187.3E6  | 46.961  | 52.900 |
| 6)                          | B beta-BHC      | 4.262 | 4.725 | 211.7E6 | 89072812 | 45.567  | 50.854 |
| 7)                          | B delta-BHC     | 4.455 | 4.937 | 499.2E6 | 196.3E6  | 45.988  | 49.310 |
| 8)                          | B Heptachlo...  | 4.963 | 5.749 | 436.6E6 | 178.9E6  | 45.721  | 53.209 |
| 9)                          | A Endosulfan I  | 5.293 | 6.101 | 410.5E6 | 152.2E6  | 46.880  | 51.868 |
| 10)                         | B gamma-Chl...  | 5.184 | 5.981 | 455.5E6 | 164.3E6  | 46.119  | 50.756 |
| 11)                         | B alpha-Chl...  | 5.241 | 6.054 | 439.0E6 | 169.2E6  | 45.696  | 52.310 |
| 12)                         | B 4,4'-DDE      | 5.409 | 6.210 | 441.2E6 | 163.7E6  | 46.074  | 52.927 |
| 13)                         | MA Dieldrin     | 5.531 | 6.354 | 453.5E6 | 160.2E6  | 46.503  | 52.876 |
| 14)                         | MA Endrin       | 5.784 | 6.567 | 417.9E6 | 133.1E6  | 46.686  | 51.776 |
| 15)                         | B Endosulfa...  | 6.059 | 6.771 | 415.3E6 | 135.3E6  | 47.763  | 52.665 |
| 16)                         | A 4,4'-DDD      | 5.920 | 6.691 | 356.6E6 | 120.5E6  | 44.752  | 53.816 |
| 17)                         | MA 4,4'-DDT     | 6.153 | 6.989 | 361.0E6 | 120.0E6  | 47.624  | 50.965 |
| 18)                         | B Endrin al...  | 6.226 | 6.893 | 309.9E6 | 113.2E6  | 45.733  | 52.129 |
| 19)                         | B Endosulfa...  | 6.435 | 7.115 | 363.1E6 | 123.9E6  | 44.624m | 51.676 |
| 20)                         | A Methoxychlor  | 6.701 | 7.444 | 185.5E6 | 61995252 | 45.339  | 50.055 |
| 21)                         | B Endrin ke...  | 6.918 | 7.578 | 396.2E6 | 123.2E6  | 46.034  | 49.848 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081718\  
Data File : PL039265.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2018 17:36  
Operator : AJ\SJ  
Sample : PB112150BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

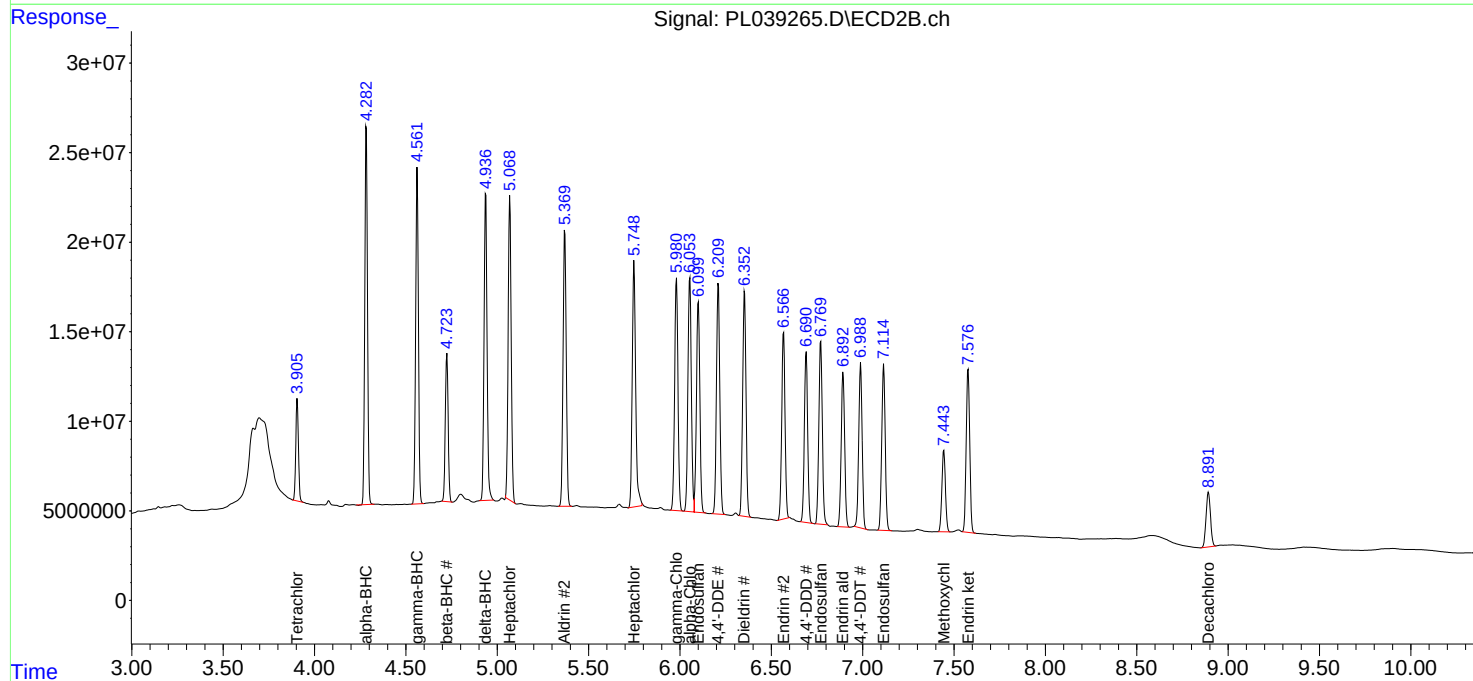
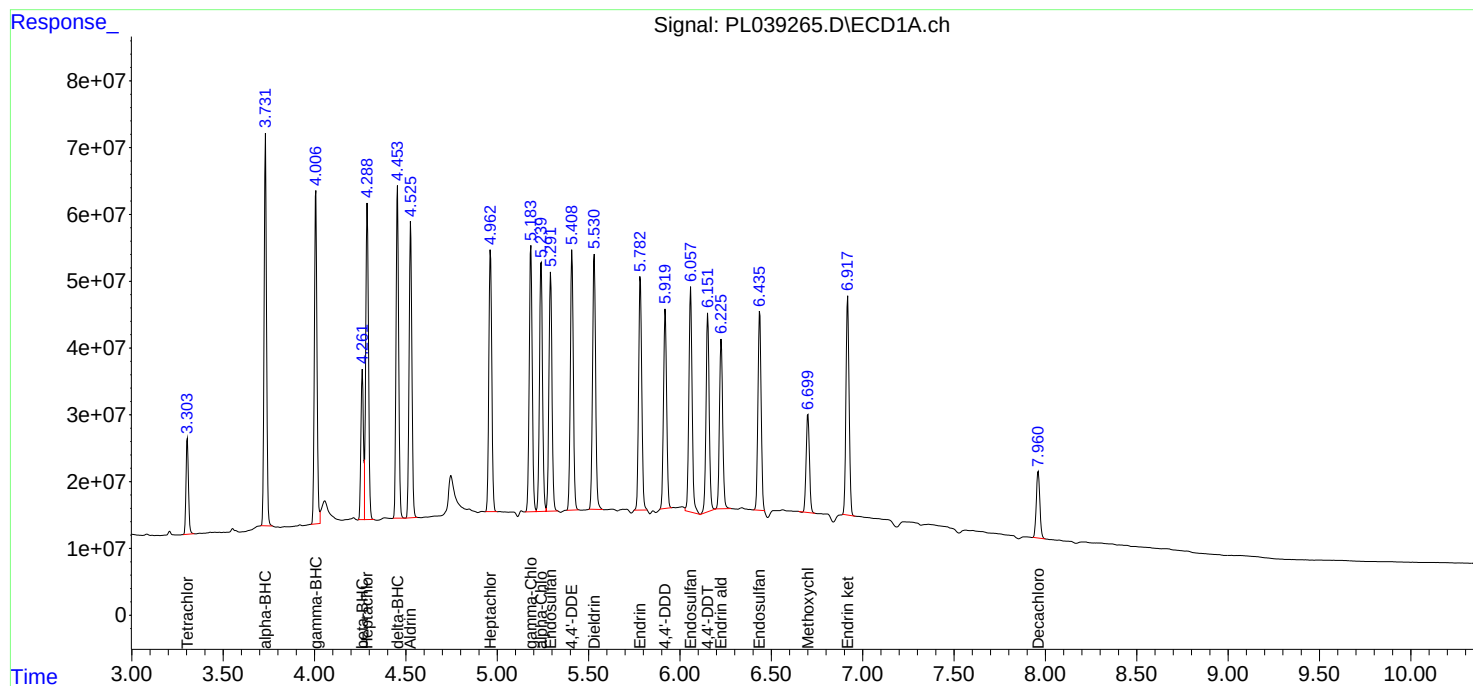
Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

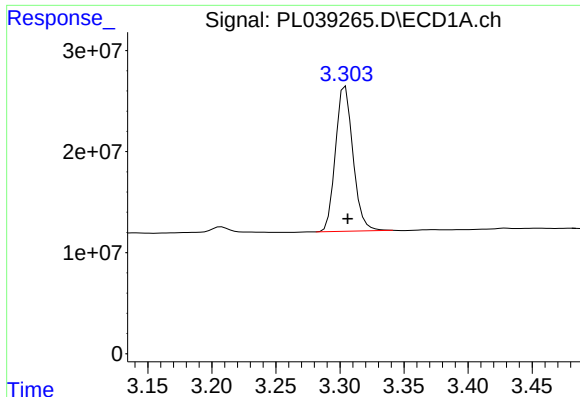
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 22:47:59 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 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





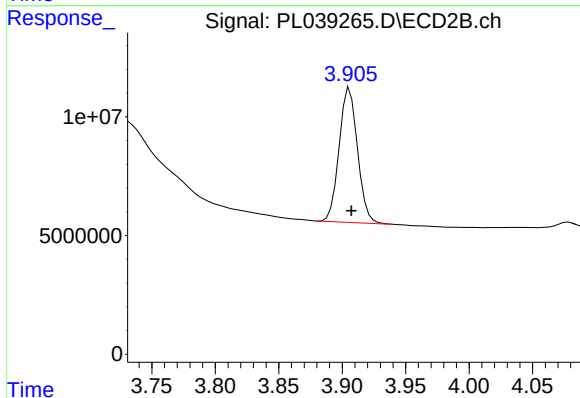
#1 Tetrachloro-m-xylene

R.T.: 3.304 min  
Delta R.T.: -0.002 min  
Response: 136408044  
Conc: 19.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

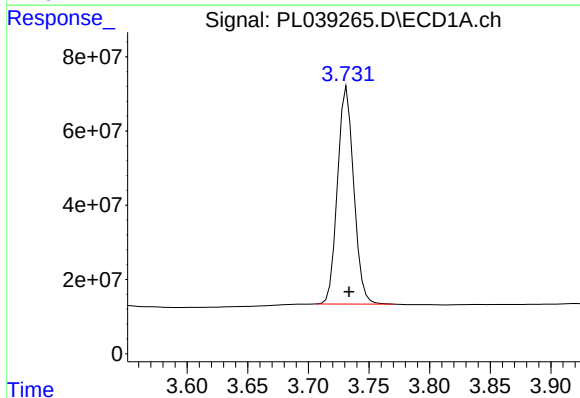
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



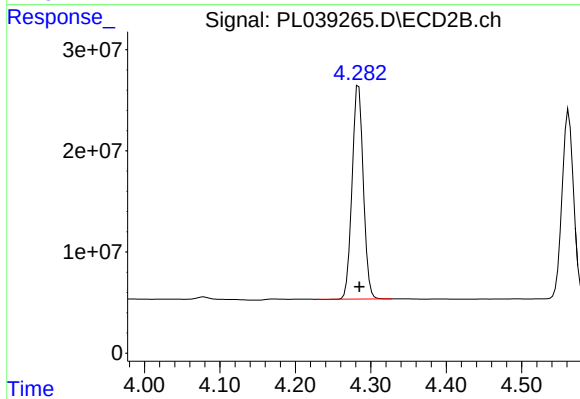
#1 Tetrachloro-m-xylene

R.T.: 3.906 min  
Delta R.T.: -0.001 min  
Response: 56912759  
Conc: 21.23 ng/ml



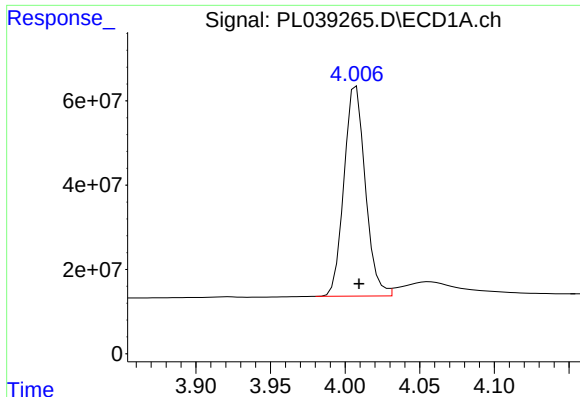
#2 alpha-BHC

R.T.: 3.732 min  
Delta R.T.: -0.002 min  
Response: 545424604  
Conc: 46.14 ng/ml



#2 alpha-BHC

R.T.: 4.284 min  
Delta R.T.: -0.001 min  
Response: 218713319  
Conc: 51.94 ng/ml



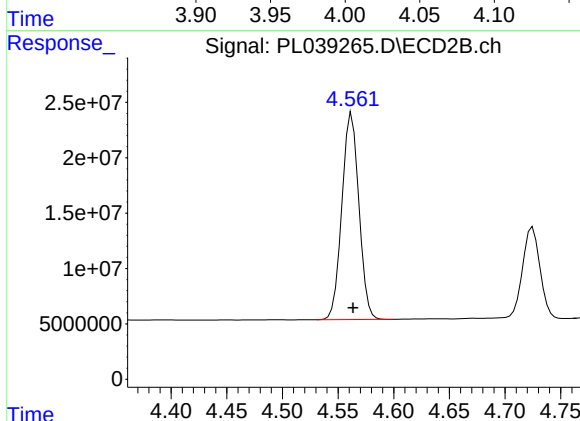
#3 gamma-BHC (Lindane)

R.T.: 4.007 min  
Delta R.T.: -0.002 min  
Response: 496399764  
Conc: 46.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

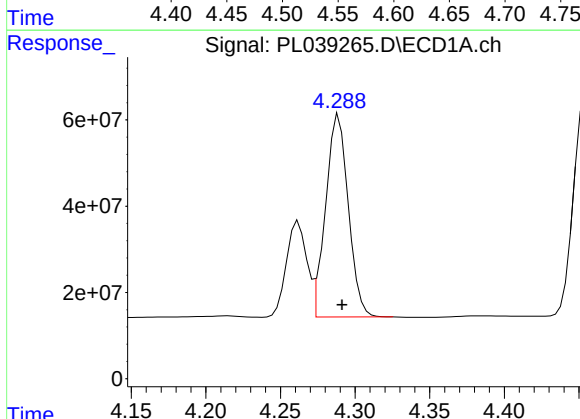
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



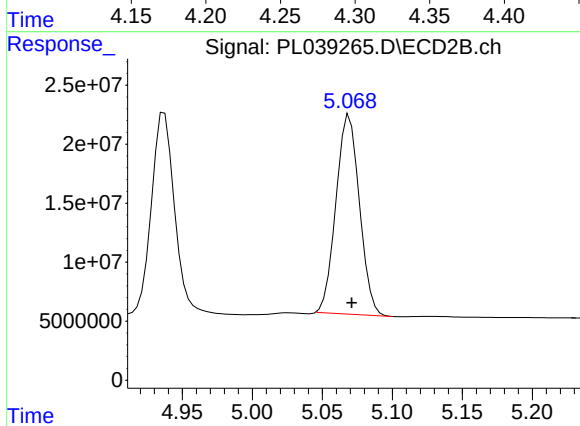
#3 gamma-BHC (Lindane)

R.T.: 4.562 min  
Delta R.T.: -0.001 min  
Response: 198516559  
Conc: 49.30 ng/ml



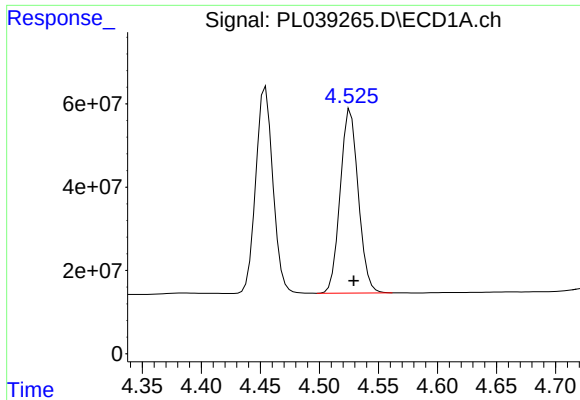
#4 Heptachlor

R.T.: 4.289 min  
Delta R.T.: -0.002 min  
Response: 495614687  
Conc: 47.08 ng/ml



#4 Heptachlor

R.T.: 5.069 min  
Delta R.T.: -0.002 min  
Response: 196543295  
Conc: 54.96 ng/ml



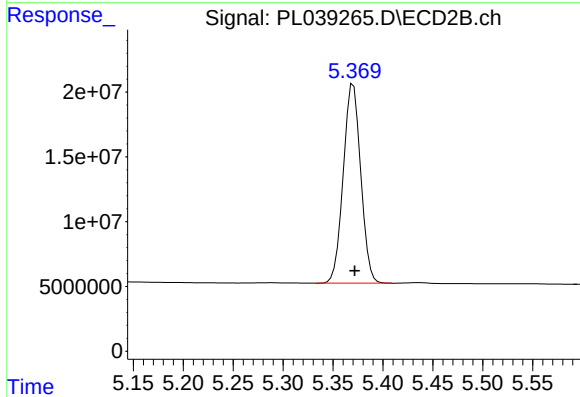
#5 Aldrin

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 470350509  
Conc: 46.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

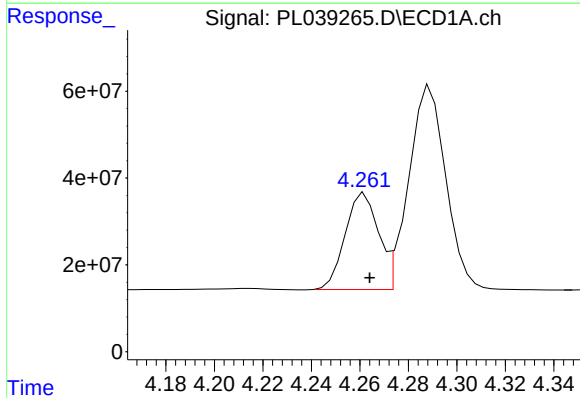
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



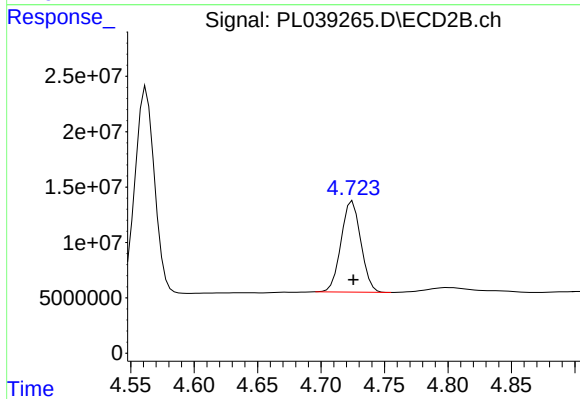
#5 Aldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 187267830  
Conc: 52.90 ng/ml



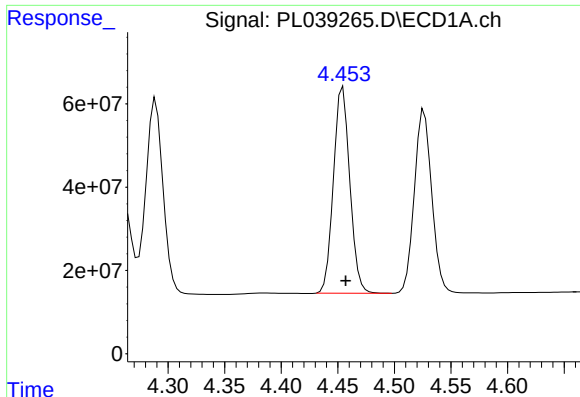
#6 beta-BHC

R.T.: 4.262 min  
Delta R.T.: -0.002 min  
Response: 211682324  
Conc: 45.57 ng/ml



#6 beta-BHC

R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 89072812  
Conc: 50.85 ng/ml



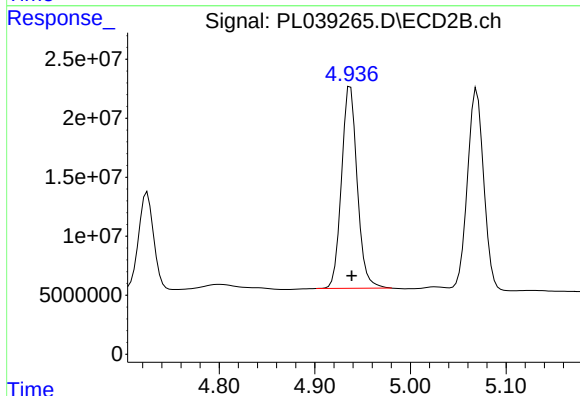
#7 delta-BHC

R.T.: 4.455 min  
Delta R.T.: -0.003 min  
Response: 499169145  
Conc: 45.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

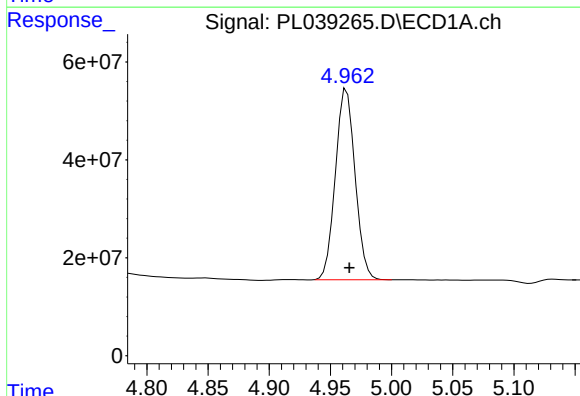
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



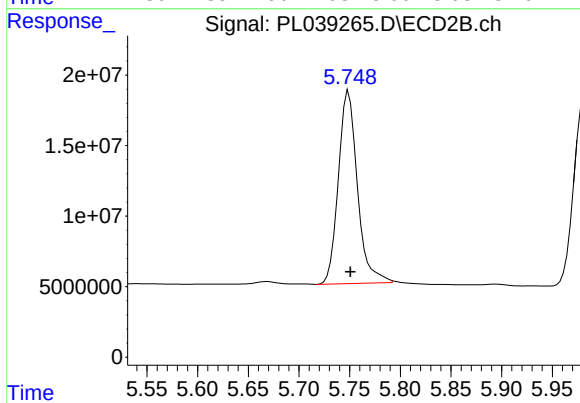
#7 delta-BHC

R.T.: 4.937 min  
Delta R.T.: -0.001 min  
Response: 196331404  
Conc: 49.31 ng/ml



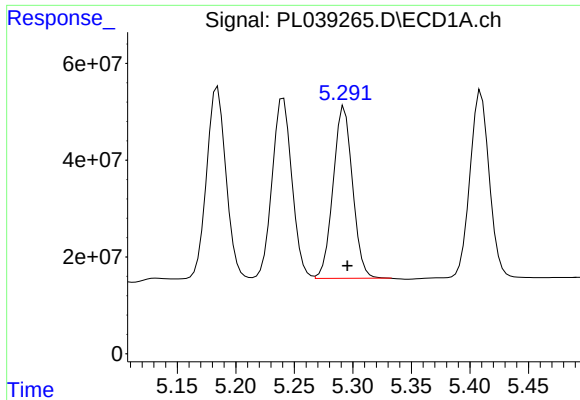
#8 Heptachlor epoxide

R.T.: 4.963 min  
Delta R.T.: -0.002 min  
Response: 436606176  
Conc: 45.72 ng/ml



#8 Heptachlor epoxide

R.T.: 5.749 min  
Delta R.T.: -0.002 min  
Response: 178945396  
Conc: 53.21 ng/ml



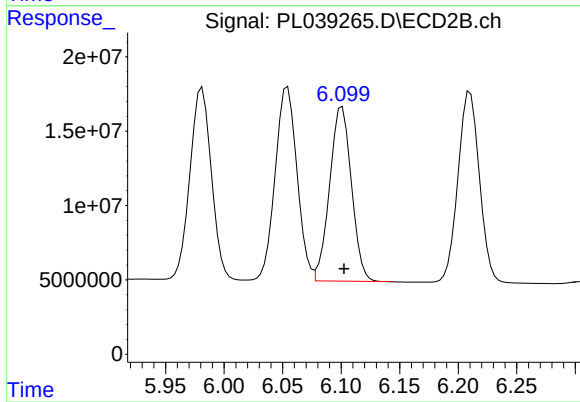
#9 Endosulfan I

R.T.: 5.293 min  
Delta R.T.: -0.003 min  
Response: 410493312  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

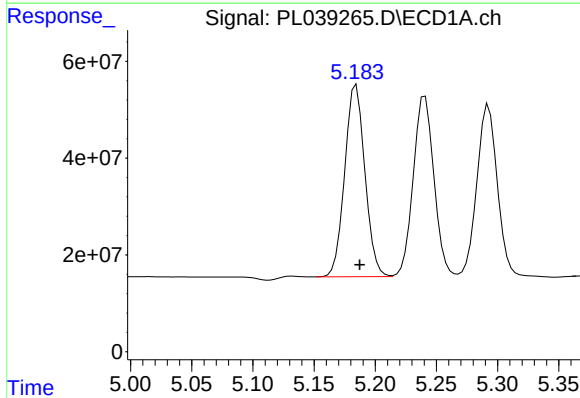
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



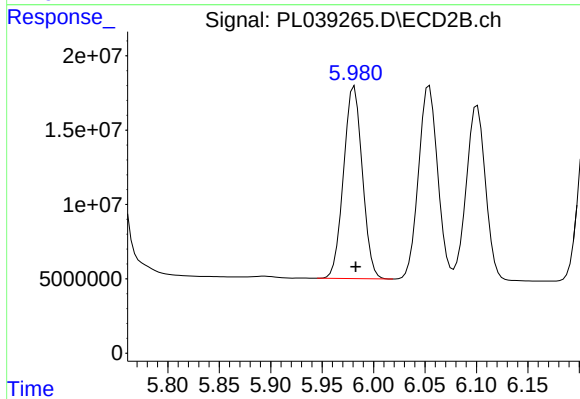
#9 Endosulfan I

R.T.: 6.101 min  
Delta R.T.: -0.002 min  
Response: 152156847  
Conc: 51.87 ng/ml



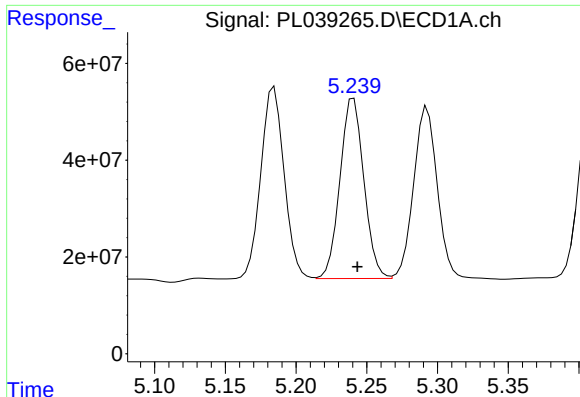
#10 gamma-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 455506380  
Conc: 46.12 ng/ml



#10 gamma-Chlordane

R.T.: 5.981 min  
Delta R.T.: -0.001 min  
Response: 164270419  
Conc: 50.76 ng/ml



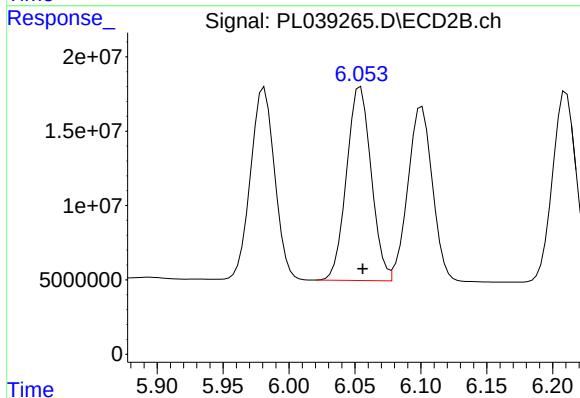
#11 alpha-Chlordane

R.T.: 5.241 min  
Delta R.T.: -0.003 min  
Response: 439015785  
Conc: 45.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

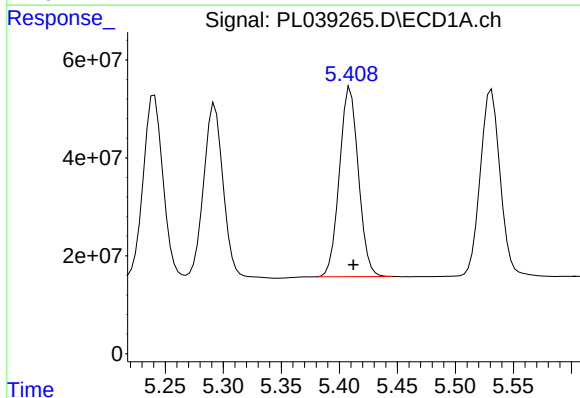
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



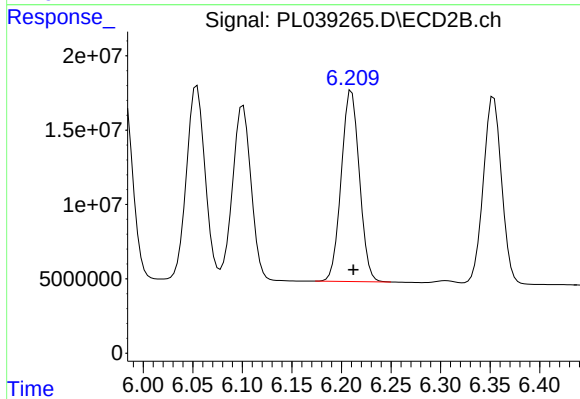
#11 alpha-Chlordane

R.T.: 6.054 min  
Delta R.T.: -0.002 min  
Response: 169223542  
Conc: 52.31 ng/ml



#12 4,4'-DDE

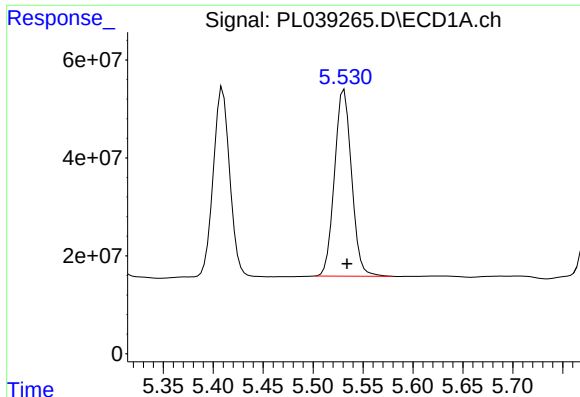
R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 441207168  
Conc: 46.07 ng/ml



#12 4,4'-DDE

R.T.: 6.210 min  
Delta R.T.: -0.002 min  
Response: 163652134  
Conc: 52.93 ng/ml





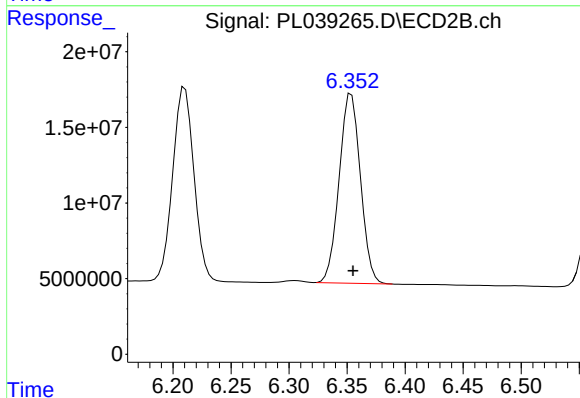
#13 Dieldrin

R.T.: 5.531 min  
Delta R.T.: -0.003 min  
Response: 453489870  
Conc: 46.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

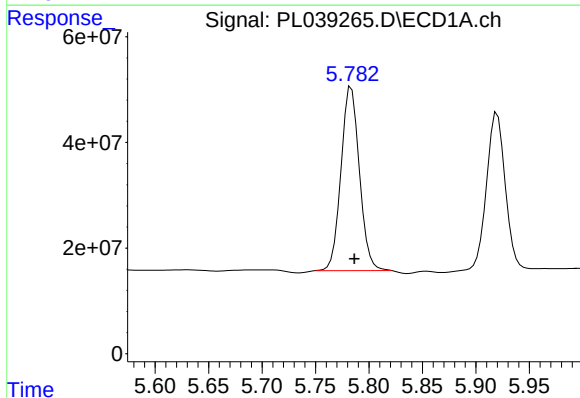
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



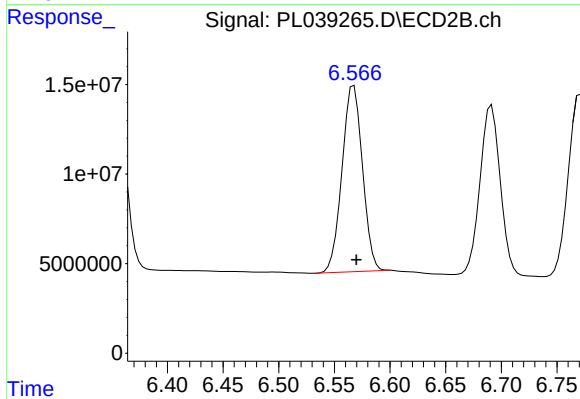
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: -0.001 min  
Response: 160181089  
Conc: 52.88 ng/ml



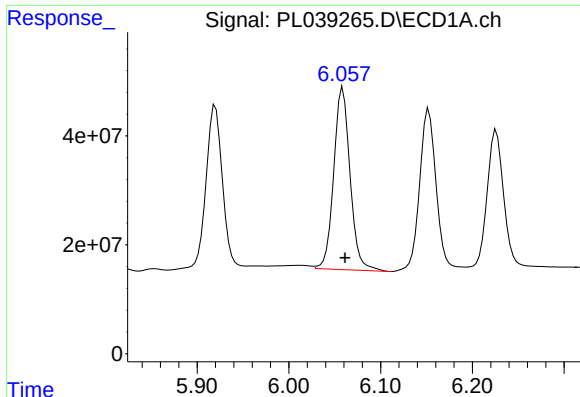
#14 Endrin

R.T.: 5.784 min  
Delta R.T.: -0.003 min  
Response: 417883792  
Conc: 46.69 ng/ml



#14 Endrin

R.T.: 6.567 min  
Delta R.T.: -0.002 min  
Response: 133129598  
Conc: 51.78 ng/ml



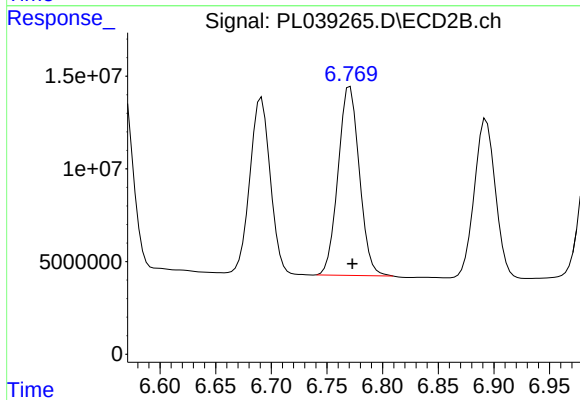
#15 Endosulfan II

R.T.: 6.059 min  
Delta R.T.: -0.002 min  
Response: 415308956  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

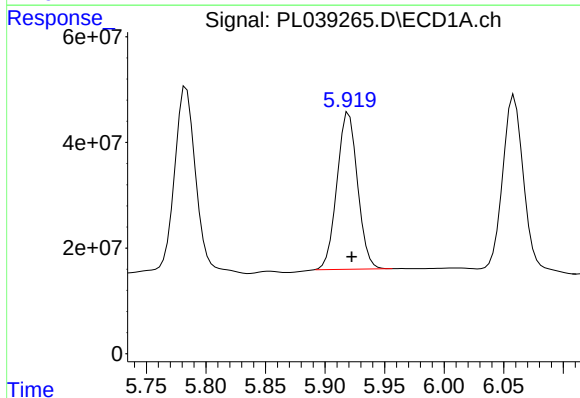
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



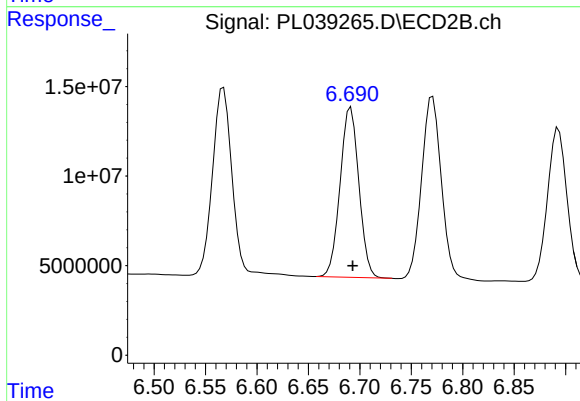
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 135273648  
Conc: 52.67 ng/ml



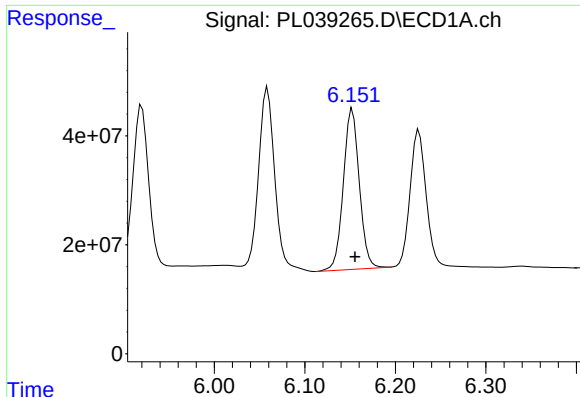
#16 4,4'-DDD

R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 356638730  
Conc: 44.75 ng/ml



#16 4,4'-DDD

R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 120518061  
Conc: 53.82 ng/ml



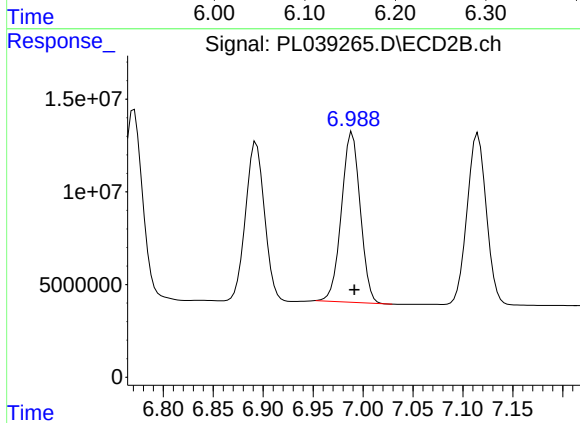
#17 4,4'-DDT

R.T.: 6.153 min  
Delta R.T.: -0.003 min  
Response: 361017563  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

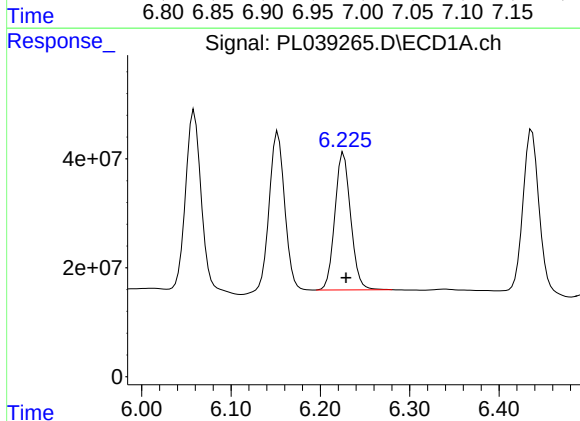
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



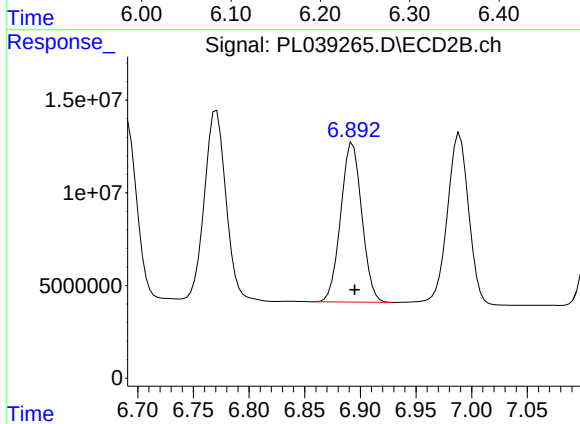
#17 4,4'-DDT

R.T.: 6.989 min  
Delta R.T.: -0.002 min  
Response: 119969901  
Conc: 50.97 ng/ml



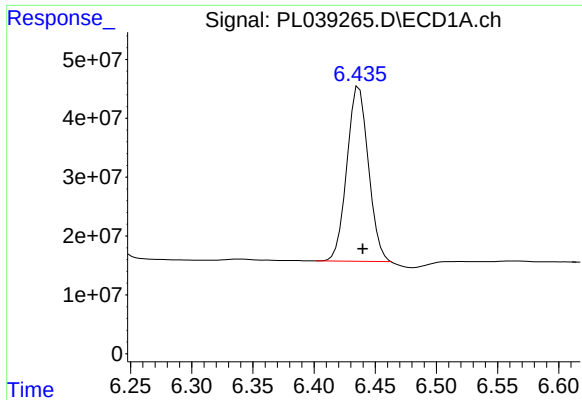
#18 Endrin aldehyde

R.T.: 6.226 min  
Delta R.T.: -0.003 min  
Response: 309926101  
Conc: 45.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.893 min  
Delta R.T.: -0.002 min  
Response: 113188991  
Conc: 52.13 ng/ml



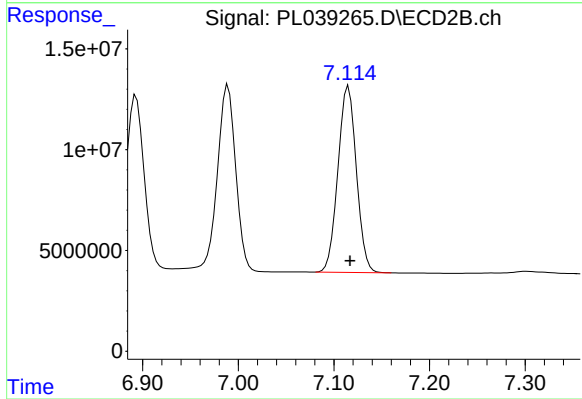
#19 Endosulfan Sulfate

R.T.: 6.435 min  
Delta R.T.: -0.004 min  
Response: 363095757  
Conc: 44.62 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

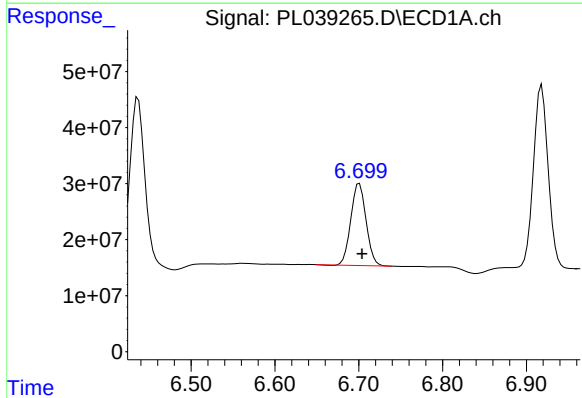
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



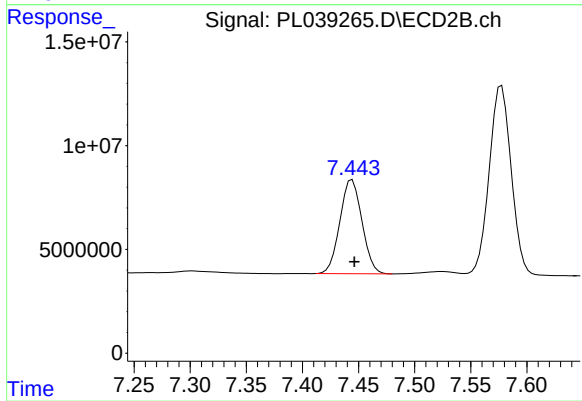
#19 Endosulfan Sulfate

R.T.: 7.115 min  
Delta R.T.: -0.002 min  
Response: 123882793  
Conc: 51.68 ng/ml



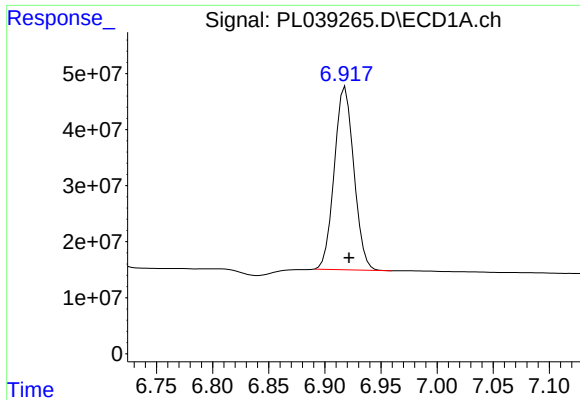
#20 Methoxychlor

R.T.: 6.701 min  
Delta R.T.: -0.003 min  
Response: 185536285  
Conc: 45.34 ng/ml



#20 Methoxychlor

R.T.: 7.444 min  
Delta R.T.: -0.002 min  
Response: 61995252  
Conc: 50.06 ng/ml



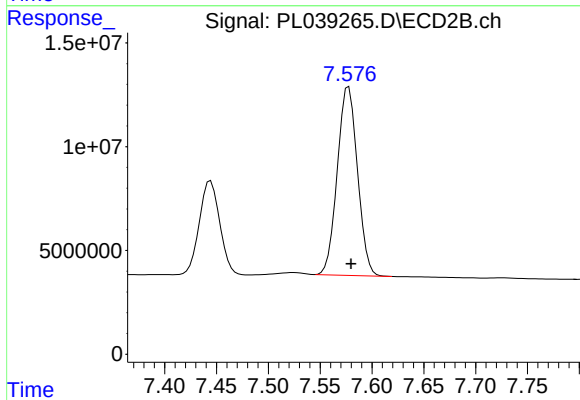
#21 Endrin ketone

R.T.: 6.918 min  
Delta R.T.: -0.003 min  
Response: 396208797  
Conc: 46.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB112150BS

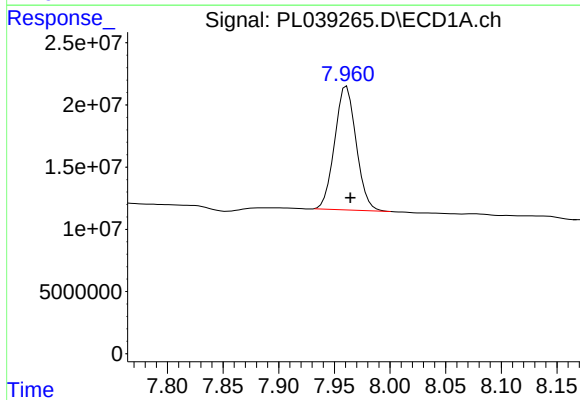
Manual Integrations  
APPROVED

Sohil  
8/20/2018 12:58:57 PM



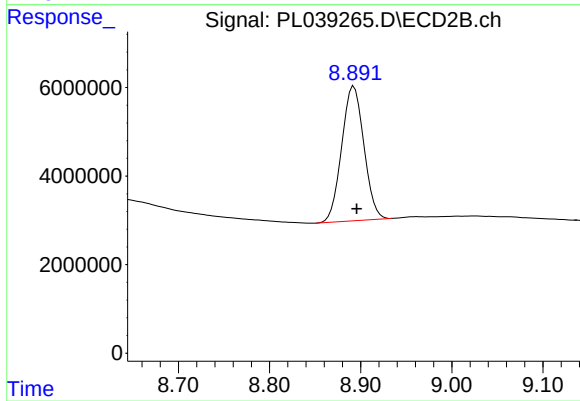
#21 Endrin ketone

R.T.: 7.578 min  
Delta R.T.: -0.002 min  
Response: 123171895  
Conc: 49.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.961 min  
Delta R.T.: -0.003 min  
Response: 133478487  
Conc: 19.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: -0.003 min  
Response: 51406881  
Conc: 22.15 ng/ml