

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100418\  
 Data File : PL040661.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2018 15:20  
 Operator : AJ\SJ  
 Sample : J5223-03MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SSSI-1001-S-DH-01MS

Manual Integrations  
 APPROVED

Sohil  
 10/5/2018 4:15:05 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 07:11:11 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 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... | 3.209 | 3.805 | 167.4E6 | 62292546 | 22.867  | 19.726   |
| 28)                         | SA Decachlor... | 7.809 | 8.730 | 115.9E6 | 34360993 | 12.196m | 10.850   |
| Target Compounds            |                 |       |       |         |          |         |          |
| 2)                          | A alpha-BHC     | 3.630 | 4.176 | 650.7E6 | 215.6E6  | 55.611  | 45.472m  |
| 3)                          | MA gamma-BHC... | 3.900 | 4.451 | 579.3E6 | 194.6E6  | 53.282  | 42.876   |
| 4)                          | MA Heptachlor   | 4.174 | 4.949 | 593.9E6 | 177.1E6  | 50.475  | 41.683   |
| 5)                          | MB Aldrin       | 4.405 | 5.245 | 539.2E6 | 160.9E6  | 51.034  | 38.129 # |
| 6)                          | B beta-BHC      | 4.154 | 4.614 | 212.7E6 | 84987379 | 50.385  | 42.534   |
| 7)                          | B delta-BHC     | 4.339 | 4.821 | 584.5E6 | 184.1E6  | 52.371  | 39.878m  |
| 8)                          | B Heptachlo...  | 4.834 | 5.622 | 521.2E6 | 152.0E6  | 50.348m | 39.588   |
| 9)                          | A Endosulfan I  | 5.158 | 5.969 | 454.9E6 | 139.2E6  | 45.134m | 37.408   |
| 10)                         | B gamma-Chl...  | 5.053 | 5.851 | 510.8E6 | 135.9E6  | 47.036m | 34.392 # |
| 11)                         | B alpha-Chl...  | 5.108 | 5.924 | 495.4E6 | 147.4E6  | 47.282m | 37.549   |
| 12)                         | B 4,4'-DDE      | 5.279 | 6.083 | 488.5E6 | 136.5E6  | 44.198  | 33.894   |
| 13)                         | MA Dieldrin     | 5.394 | 6.221 | 536.9E6 | 148.8E6  | 49.015m | 38.962   |
| 14)                         | MA Endrin       | 5.643 | 6.432 | 486.2E6 | 128.1E6  | 48.944m | 39.218   |
| 15)                         | B Endosulfa...  | 5.918 | 6.635 | 443.4E6 | 83866792 | 44.502  | 23.991m# |
| 16)                         | A 4,4'-DDD      | 5.783 | 6.560 | 326.8E6 | 109.3E6  | 35.399m | 34.392m  |
| 17)                         | MA 4,4'-DDT     | 6.013 | 6.857 | 371.2E6 | 104.6E6  | 45.904m | 34.329 # |
| 18)                         | B Endrin al...  | 6.083 | 6.757 | 327.0E6 | 98807754 | 38.946m | 33.010m  |
| 19)                         | B Endosulfa...  | 6.294 | 6.978 | 395.6E6 | 117.9E6  | 41.328  | 36.659   |
| 20)                         | A Methoxychlor  | 6.561 | 7.313 | 204.2E6 | 59981849 | 42.269  | 39.360   |
| 21)                         | B Endrin ke...  | 6.769 | 7.437 | 453.2E6 | 114.9E6  | 41.774  | 37.370   |
| -----                       |                 |       |       |         |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100418\  
Data File : PL040661.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2018 15:20  
Operator : AJ\SJ  
Sample : J5223-03MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

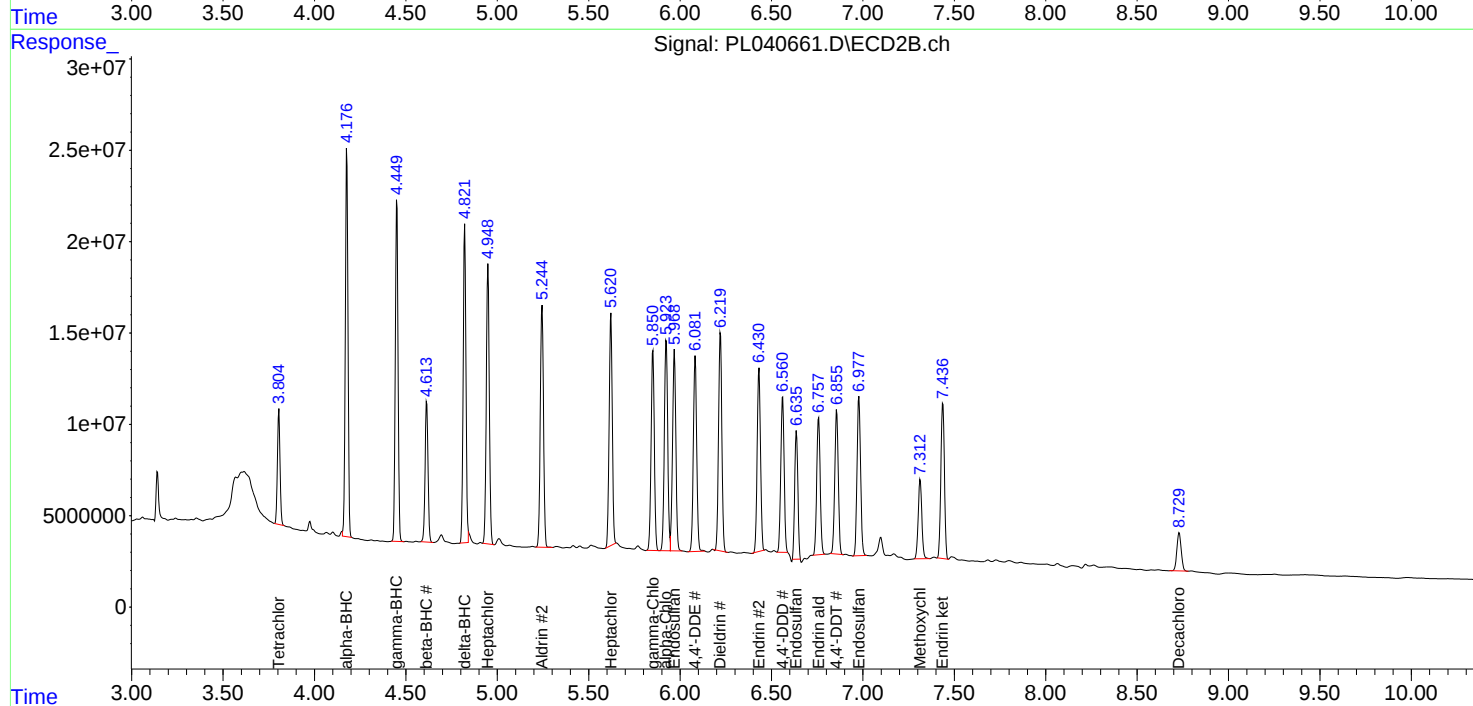
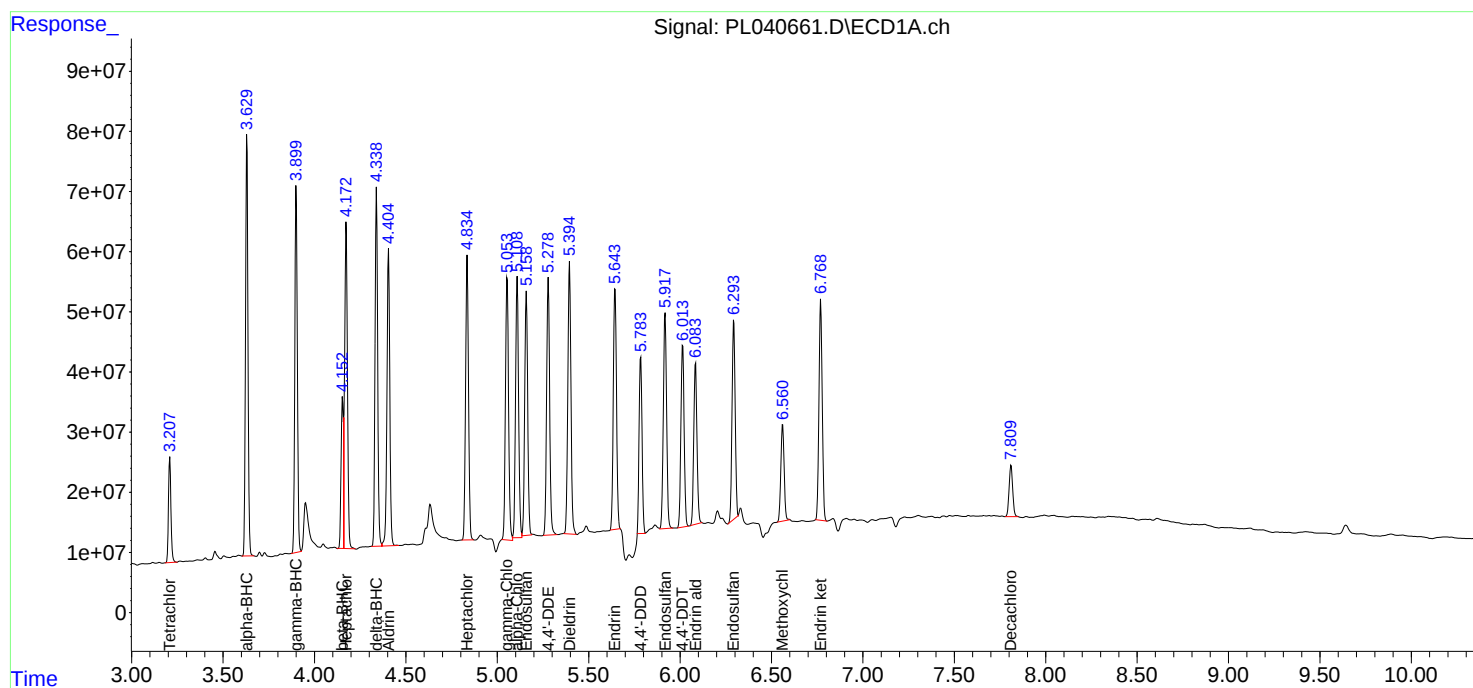
Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

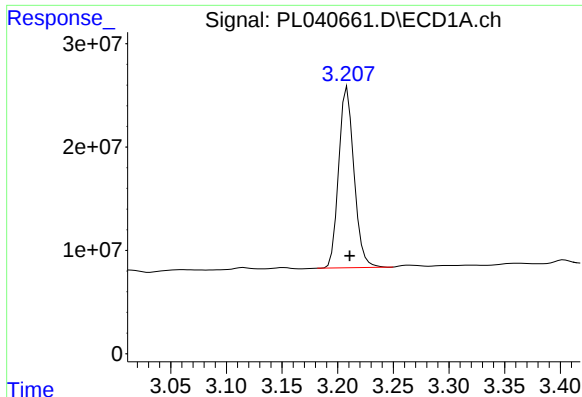
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 07:11:11 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 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





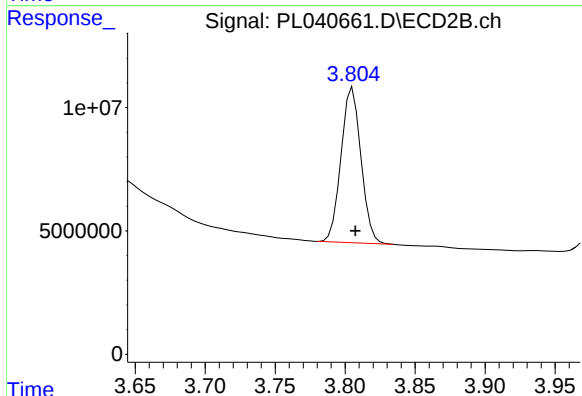
#1 Tetrachloro-m-xylene

R.T.: 3.209 min  
Delta R.T.: -0.002 min  
Response: 167383954  
Conc: 22.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

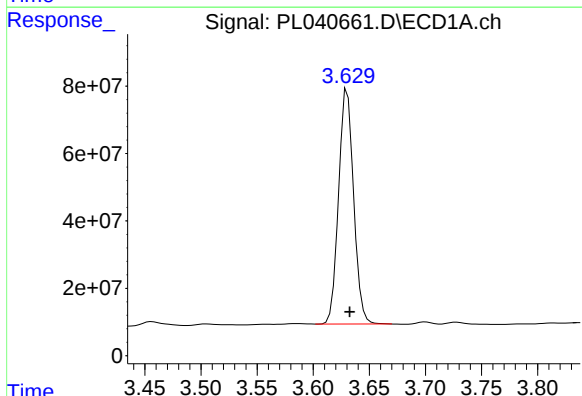
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



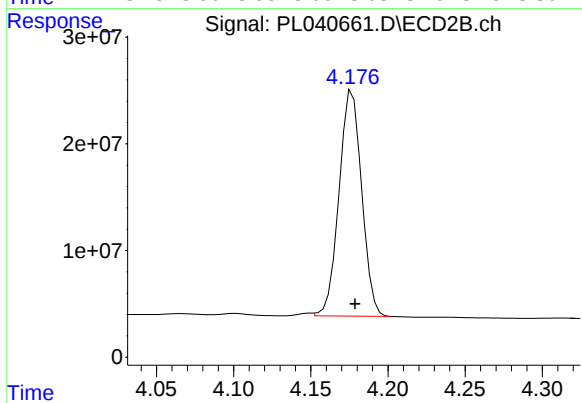
#1 Tetrachloro-m-xylene

R.T.: 3.805 min  
Delta R.T.: -0.002 min  
Response: 62292546  
Conc: 19.73 ng/ml



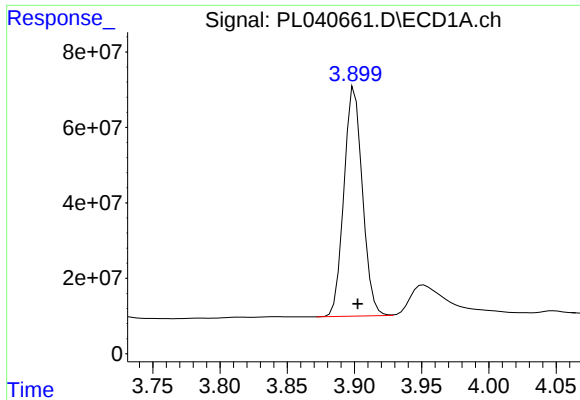
#2 alpha-BHC

R.T.: 3.630 min  
Delta R.T.: -0.002 min  
Response: 650674759  
Conc: 55.61 ng/ml



#2 alpha-BHC

R.T.: 4.176 min  
Delta R.T.: -0.003 min  
Response: 215592566  
Conc: 45.47 ng/ml m



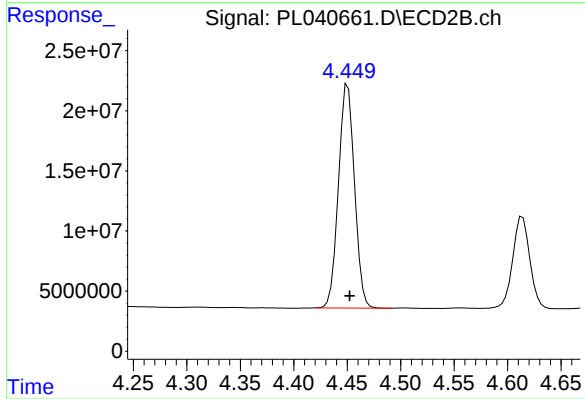
#3 gamma-BHC (Lindane)

R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 579306767  
Conc: 53.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

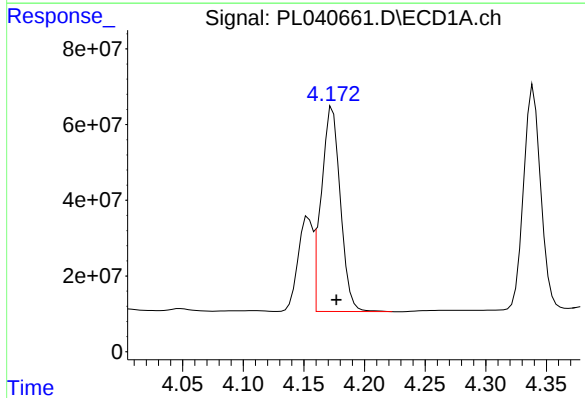
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



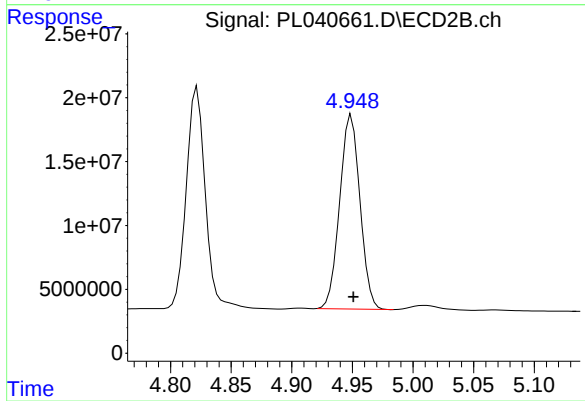
#3 gamma-BHC (Lindane)

R.T.: 4.451 min  
Delta R.T.: -0.002 min  
Response: 194580283  
Conc: 42.88 ng/ml



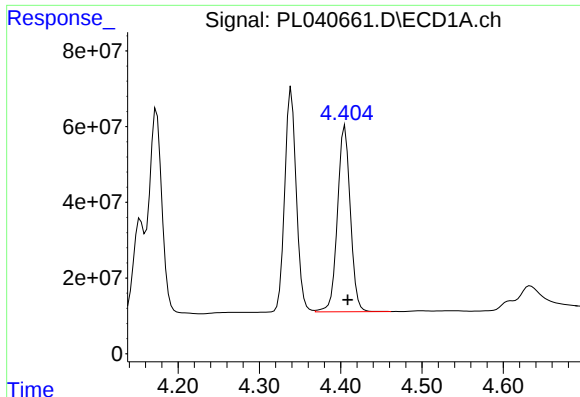
#4 Heptachlor

R.T.: 4.174 min  
Delta R.T.: -0.003 min  
Response: 593928542  
Conc: 50.47 ng/ml



#4 Heptachlor

R.T.: 4.949 min  
Delta R.T.: -0.002 min  
Response: 177064210  
Conc: 41.68 ng/ml



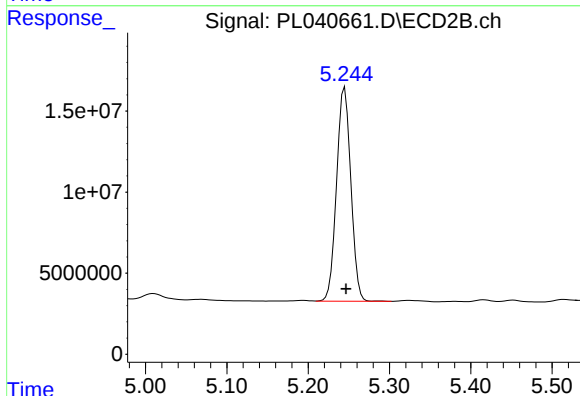
#5 Aldrin

R.T.: 4.405 min  
Delta R.T.: -0.003 min  
Response: 539242902  
Conc: 51.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

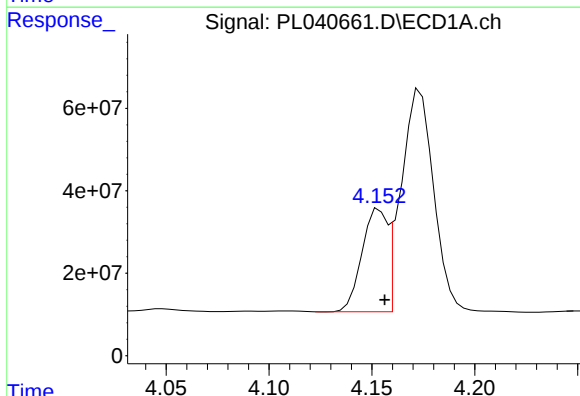
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



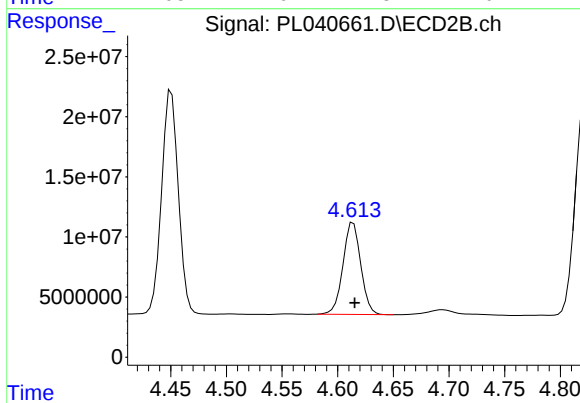
#5 Aldrin

R.T.: 5.245 min  
Delta R.T.: -0.002 min  
Response: 160915336  
Conc: 38.13 ng/ml



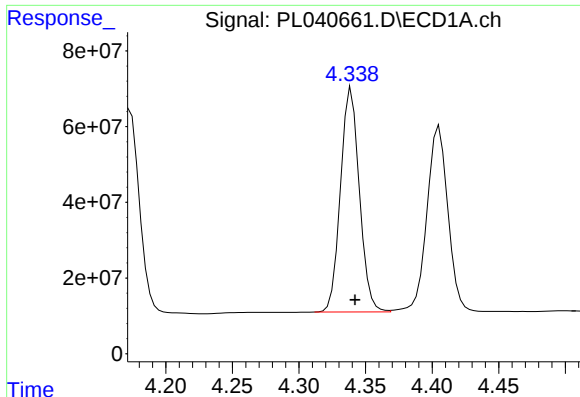
#6 beta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.002 min  
Response: 212670778  
Conc: 50.39 ng/ml



#6 beta-BHC

R.T.: 4.614 min  
Delta R.T.: -0.001 min  
Response: 84987379  
Conc: 42.53 ng/ml



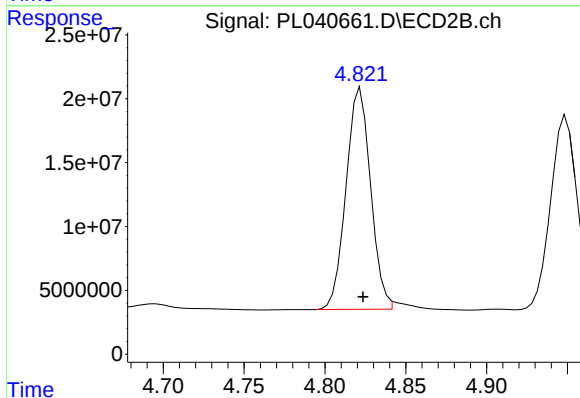
#7 delta-BHC

R.T.: 4.339 min  
Delta R.T.: -0.003 min  
Response: 584503466  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

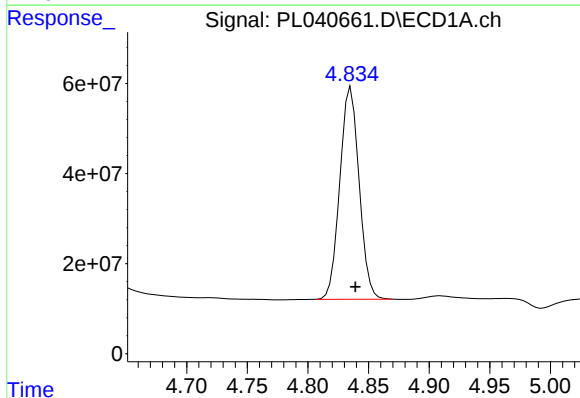
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



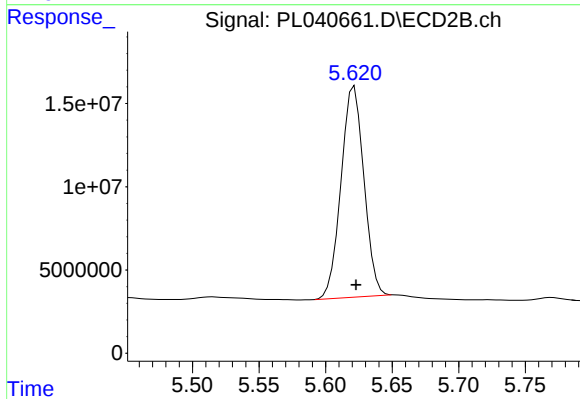
#7 delta-BHC

R.T.: 4.821 min  
Delta R.T.: -0.003 min  
Response: 184067301  
Conc: 39.88 ng/ml m



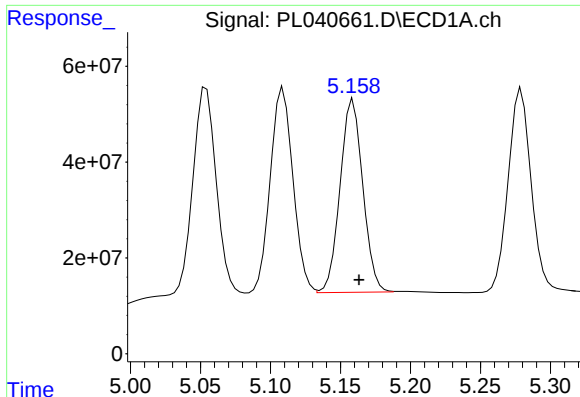
#8 Heptachlor epoxide

R.T.: 4.834 min  
Delta R.T.: -0.005 min  
Response: 521163225  
Conc: 50.35 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.622 min  
Delta R.T.: -0.001 min  
Response: 151963128  
Conc: 39.59 ng/ml



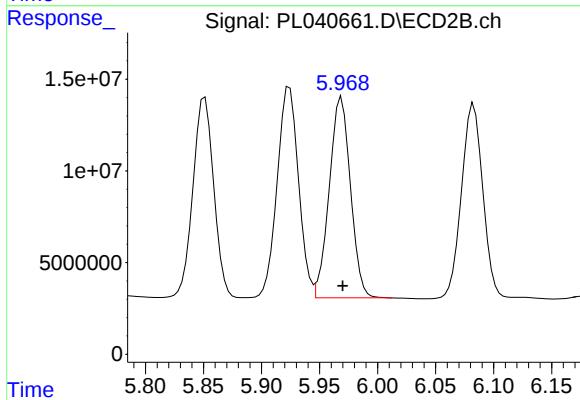
#9 Endosulfan I

R.T.: 5.158 min  
Delta R.T.: -0.006 min  
Response: 454934303  
Conc: 45.13 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

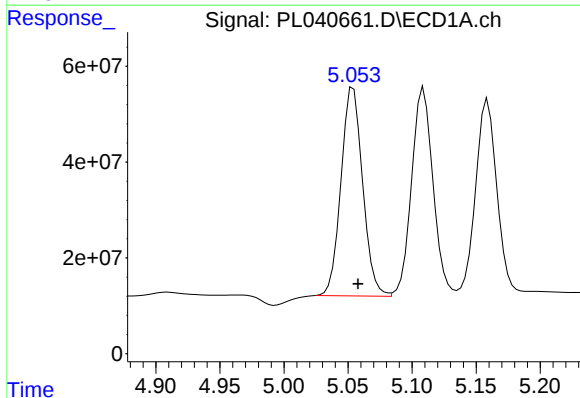
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



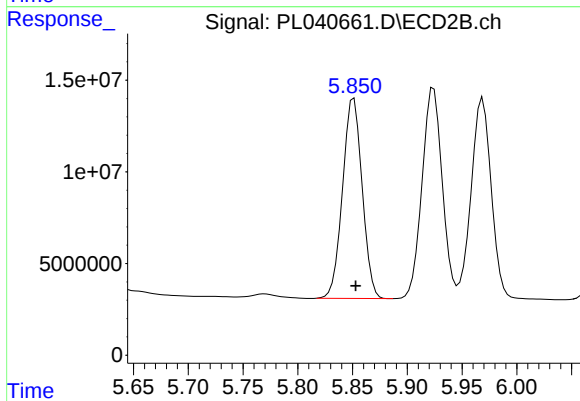
#9 Endosulfan I

R.T.: 5.969 min  
Delta R.T.: -0.001 min  
Response: 139183116  
Conc: 37.41 ng/ml



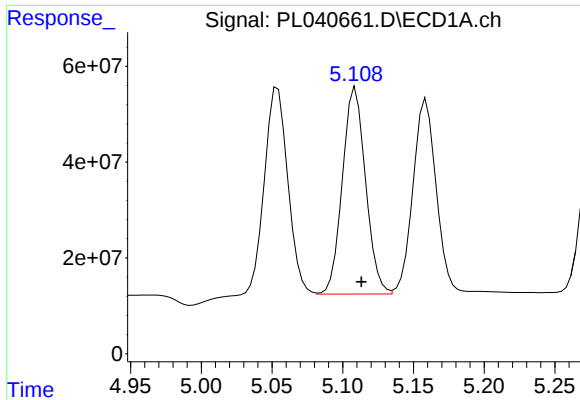
#10 gamma-Chlordane

R.T.: 5.053 min  
Delta R.T.: -0.005 min  
Response: 510798744  
Conc: 47.04 ng/ml m



#10 gamma-Chlordane

R.T.: 5.851 min  
Delta R.T.: -0.002 min  
Response: 135908118  
Conc: 34.39 ng/ml



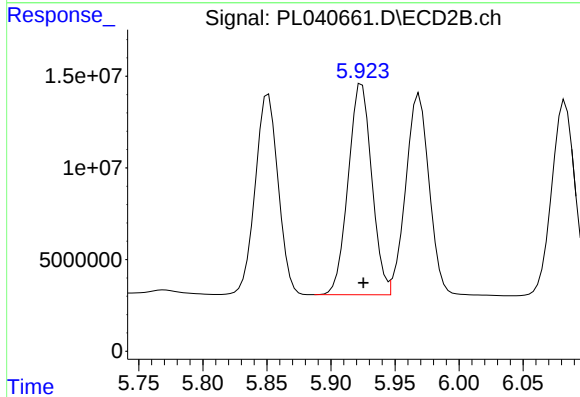
#11 alpha-Chlordane

R.T.: 5.108 min  
Delta R.T.: -0.005 min  
Response: 495354673  
Conc: 47.28 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

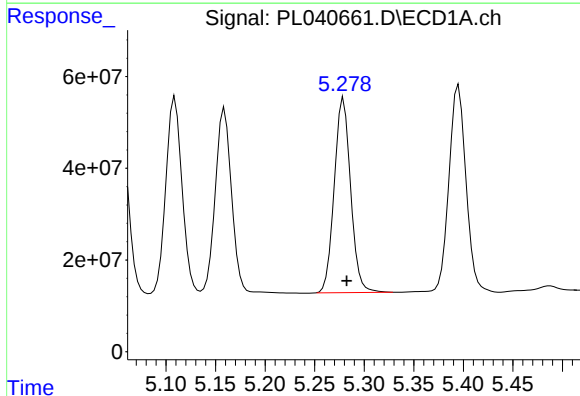
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



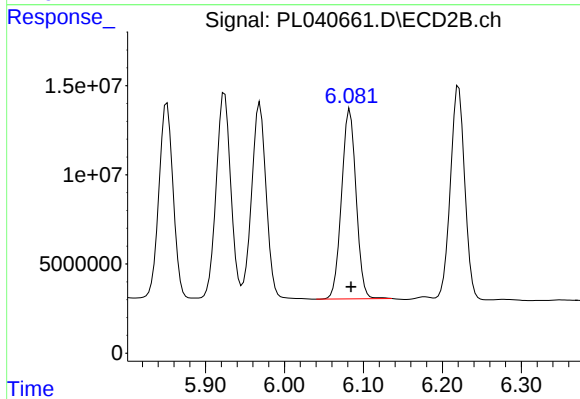
#11 alpha-Chlordane

R.T.: 5.924 min  
Delta R.T.: -0.001 min  
Response: 147357989  
Conc: 37.55 ng/ml



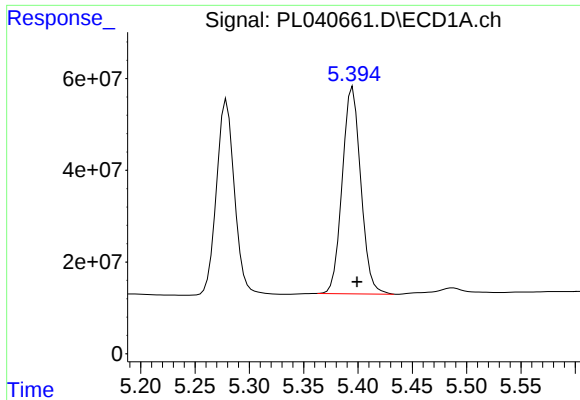
#12 4,4'-DDE

R.T.: 5.279 min  
Delta R.T.: -0.003 min  
Response: 488521151  
Conc: 44.20 ng/ml



#12 4,4'-DDE

R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 136469616  
Conc: 33.89 ng/ml



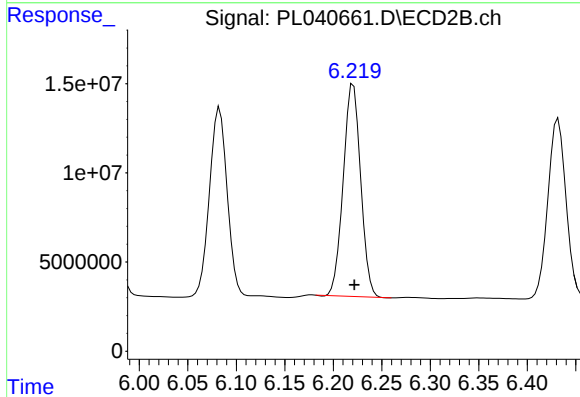
#13 Dieldrin

R.T.: 5.394 min  
Delta R.T.: -0.005 min  
Response: 536915965  
Conc: 49.01 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

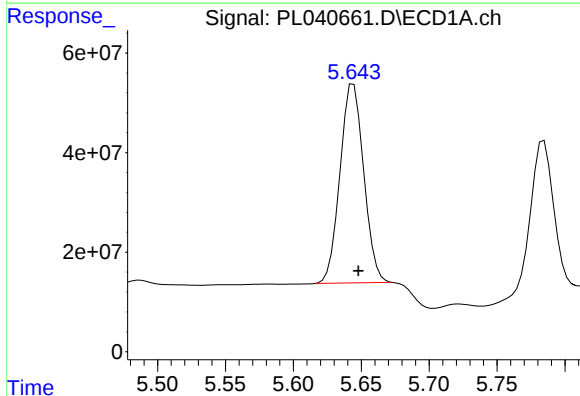
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



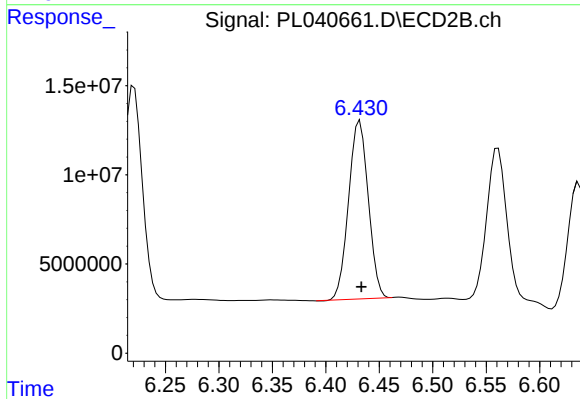
#13 Dieldrin

R.T.: 6.221 min  
Delta R.T.: -0.001 min  
Response: 148844101  
Conc: 38.96 ng/ml



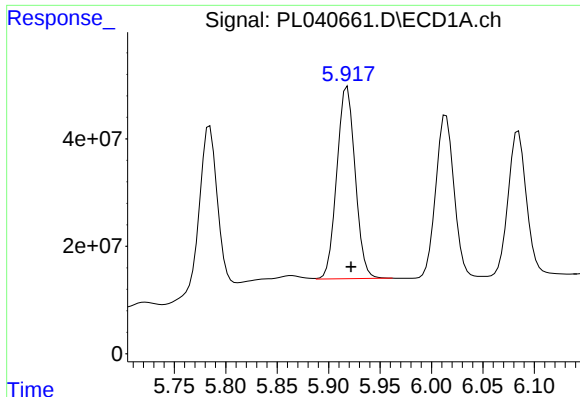
#14 Endrin

R.T.: 5.643 min  
Delta R.T.: -0.005 min  
Response: 486209389  
Conc: 48.94 ng/ml m



#14 Endrin

R.T.: 6.432 min  
Delta R.T.: -0.002 min  
Response: 128118288  
Conc: 39.22 ng/ml



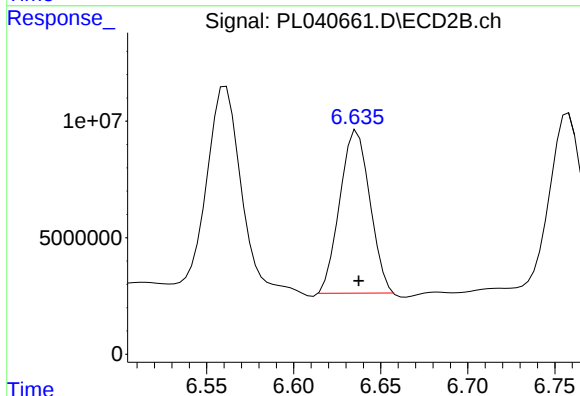
#15 Endosulfan II

R.T.: 5.918 min  
Delta R.T.: -0.004 min  
Response: 443357242  
Conc: 44.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

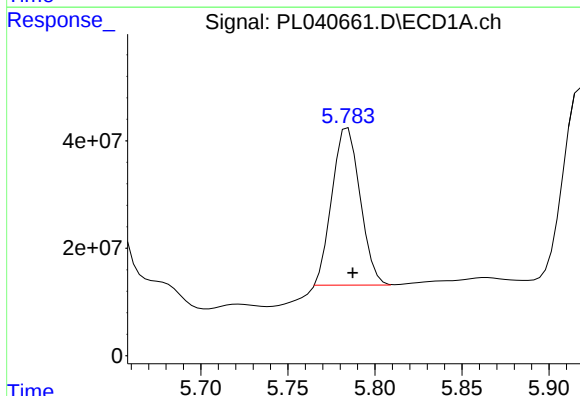
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



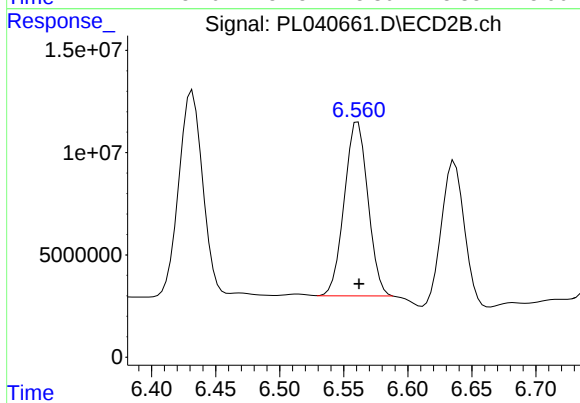
#15 Endosulfan II

R.T.: 6.635 min  
Delta R.T.: -0.002 min  
Response: 83866792  
Conc: 23.99 ng/ml m



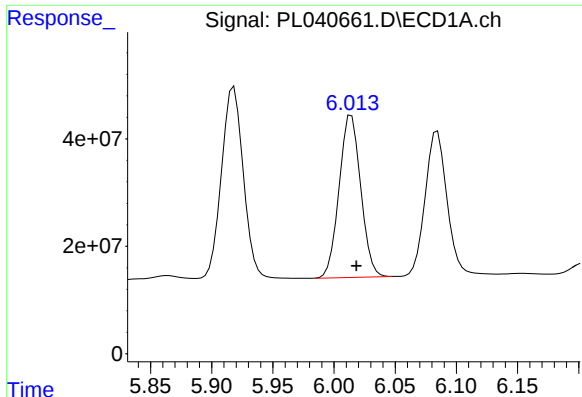
#16 4,4'-DDD

R.T.: 5.783 min  
Delta R.T.: -0.004 min  
Response: 326785561  
Conc: 35.40 ng/ml m



#16 4,4'-DDD

R.T.: 6.560 min  
Delta R.T.: -0.002 min  
Response: 109263930  
Conc: 34.39 ng/ml m



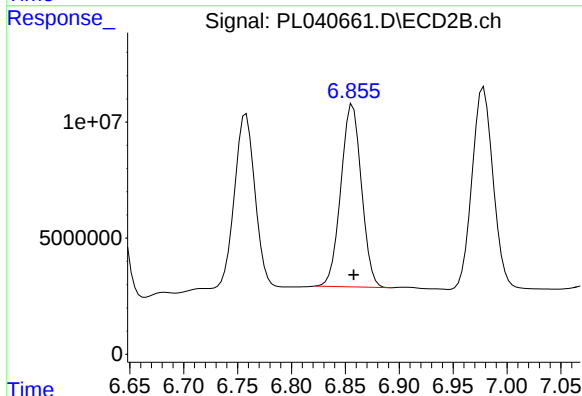
#17 4,4'-DDT

R.T.: 6.013 min  
Delta R.T.: -0.005 min  
Response: 371218819  
Conc: 45.90 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

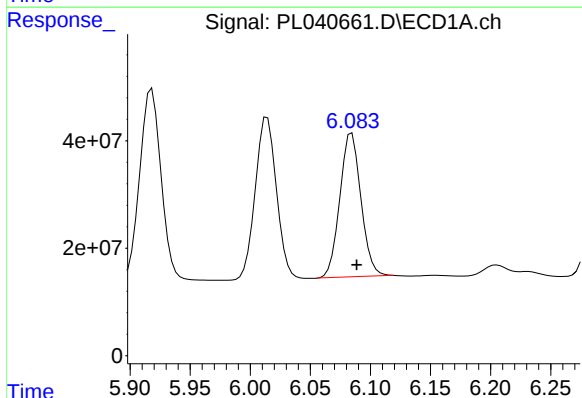
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



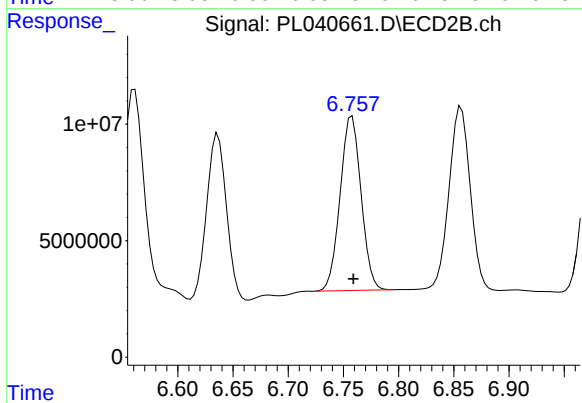
#17 4,4'-DDT

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 104610348  
Conc: 34.33 ng/ml



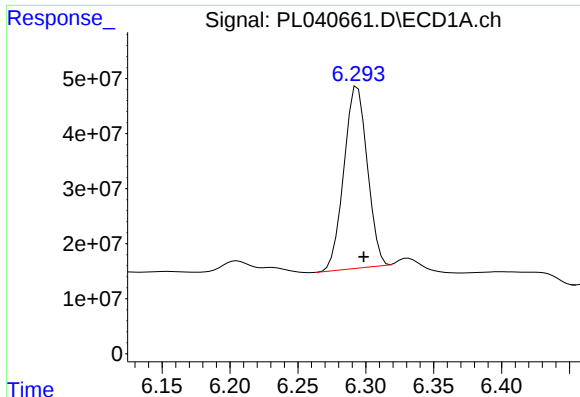
#18 Endrin aldehyde

R.T.: 6.083 min  
Delta R.T.: -0.005 min  
Response: 327021350  
Conc: 38.95 ng/ml m



#18 Endrin aldehyde

R.T.: 6.757 min  
Delta R.T.: -0.003 min  
Response: 98807754  
Conc: 33.01 ng/ml m



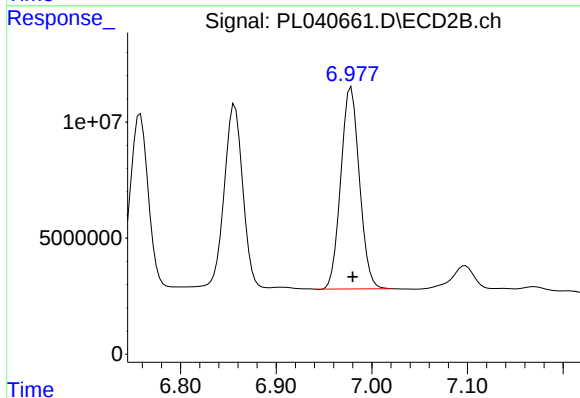
#19 Endosulfan Sulfate

R.T.: 6.294 min  
Delta R.T.: -0.004 min  
Response: 395567880  
Conc: 41.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

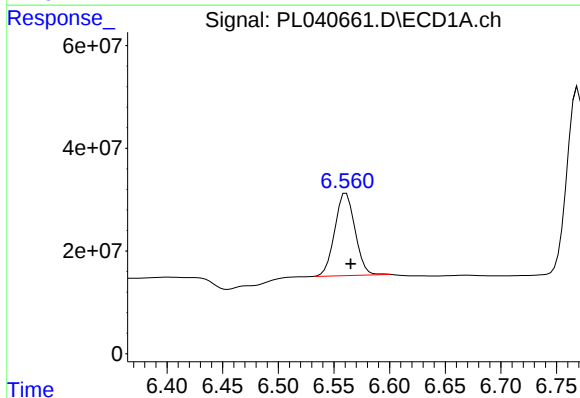
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



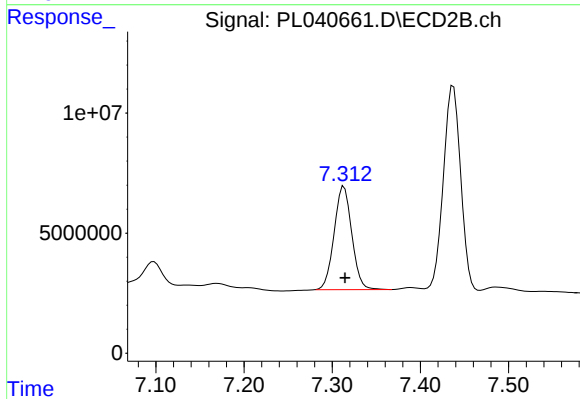
#19 Endosulfan Sulfate

R.T.: 6.978 min  
Delta R.T.: -0.002 min  
Response: 117912070  
Conc: 36.66 ng/ml



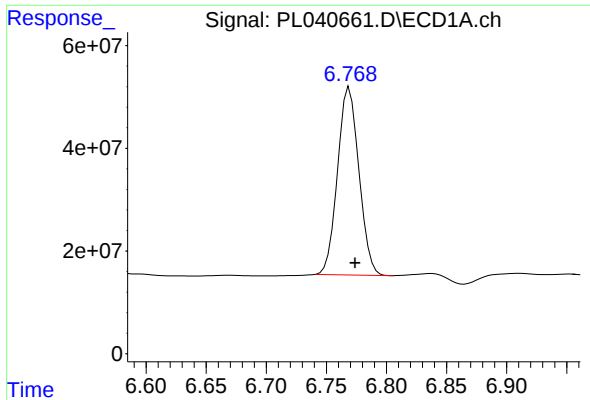
#20 Methoxychlor

R.T.: 6.561 min  
Delta R.T.: -0.004 min  
Response: 204172724  
Conc: 42.27 ng/ml



#20 Methoxychlor

R.T.: 7.313 min  
Delta R.T.: -0.001 min  
Response: 59981849  
Conc: 39.36 ng/ml



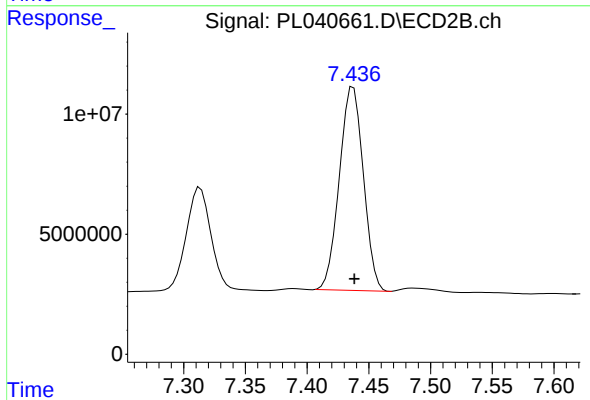
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.005 min  
Response: 453240689  
Conc: 41.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SSSI-1001-S-DH-01MS

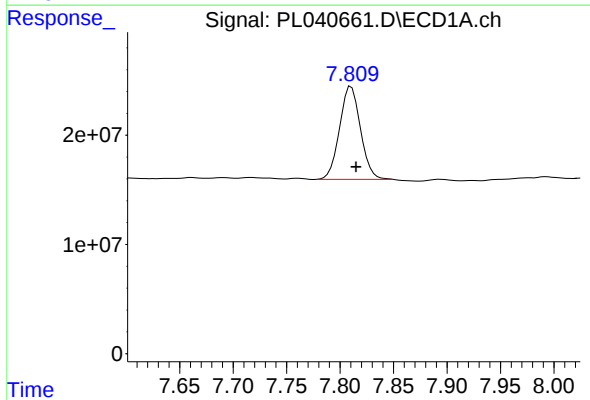
Manual Integrations  
APPROVED

Sohil  
10/5/2018 4:15:05 PM



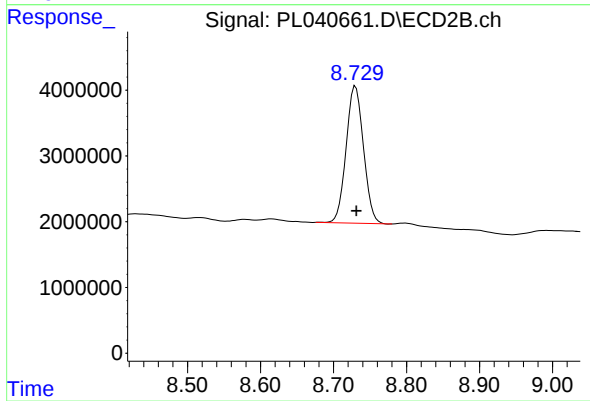
#21 Endrin ketone

R.T.: 7.437 min  
Delta R.T.: -0.001 min  
Response: 114880320  
Conc: 37.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.809 min  
Delta R.T.: -0.006 min  
Response: 115930876  
Conc: 12.20 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: -0.001 min  
Response: 34360993  
Conc: 10.85 ng/ml