

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100518\  
 Data File : PL040686.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Oct 2018 13:23  
 Operator : AJ\SJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 10:52:45 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 05 13:38:28 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL0100518.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 05 13:20:21 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... | 3.208 | 3.804 | 48722014 | 17612574 | 5.418  | 5.361   |
| 28)                         | SA Decachlor... | 7.809 | 8.728 | 65933375 | 16775091 | 6.073  | 5.960   |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.629 | 4.176 | 78057486 | 24912943 | 5.474  | 5.167   |
| 3)                          | MA gamma-BHC... | 3.898 | 4.449 | 68652278 | 23673232 | 5.269  | 5.362   |
| 4)                          | MA Heptachlor   | 4.172 | 4.947 | 78071483 | 23179780 | 5.468  | 5.462   |
| 5)                          | MB Aldrin       | 4.404 | 5.243 | 65404178 | 21083252 | 5.306  | 5.391   |
| 6)                          | B beta-BHC      | 4.153 | 4.612 | 25729724 | 11095901 | 5.461  | 5.812   |
| 7)                          | B delta-BHC     | 4.338 | 4.819 | 68692408 | 20246736 | 5.265  | 4.649m  |
| 8)                          | B Heptachlo...  | 4.834 | 5.620 | 67083427 | 17161863 | 5.576  | 5.149   |
| 9)                          | A Endosulfan I  | 5.158 | 5.967 | 65366126 | 18958663 | 5.582  | 5.639   |
| 10)                         | B gamma-Chl...  | 5.052 | 5.849 | 74050619 | 18606729 | 5.773  | 5.346   |
| 11)                         | B alpha-Chl...  | 5.108 | 5.922 | 71373772 | 20004845 | 5.771  | 5.579   |
| 12)                         | B 4,4'-DDE      | 5.277 | 6.080 | 73491605 | 19665008 | 5.761  | 5.500   |
| 13)                         | MA Dieldrin     | 5.393 | 6.218 | 71749178 | 19335412 | 5.653  | 5.438   |
| 14)                         | MA Endrin       | 5.641 | 6.430 | 70600699 | 17217008 | 5.960m | 5.409   |
| 15)                         | B Endosulfa...  | 5.915 | 6.630 | 61582060 | 32545816 | 5.136m | 7.546 # |
| 16)                         | A 4,4'-DDD      | 5.781 | 6.559 | 51799190 | 14636264 | 5.272m | 5.345   |
| 17)                         | MA 4,4'-DDT     | 6.011 | 6.855 | 52472821 | 17652247 | 5.218m | 5.739   |
| 18)                         | B Endrin al...  | 6.083 | 6.756 | 57954744 | 15492563 | 5.997  | 5.817   |
| 19)                         | B Endosulfa...  | 6.292 | 6.977 | 64099825 | 16766632 | 5.932  | 5.784   |
| 20)                         | A Methoxychlor  | 6.559 | 7.312 | 31238147 | 9203345  | 5.642  | 5.836   |
| 21)                         | B Endrin ke...  | 6.766 | 7.434 | 70789388 | 17314775 | 5.717m | 5.724m  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100518\  
Data File : PL040686.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Oct 2018 13:23  
Operator : AJ\SJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

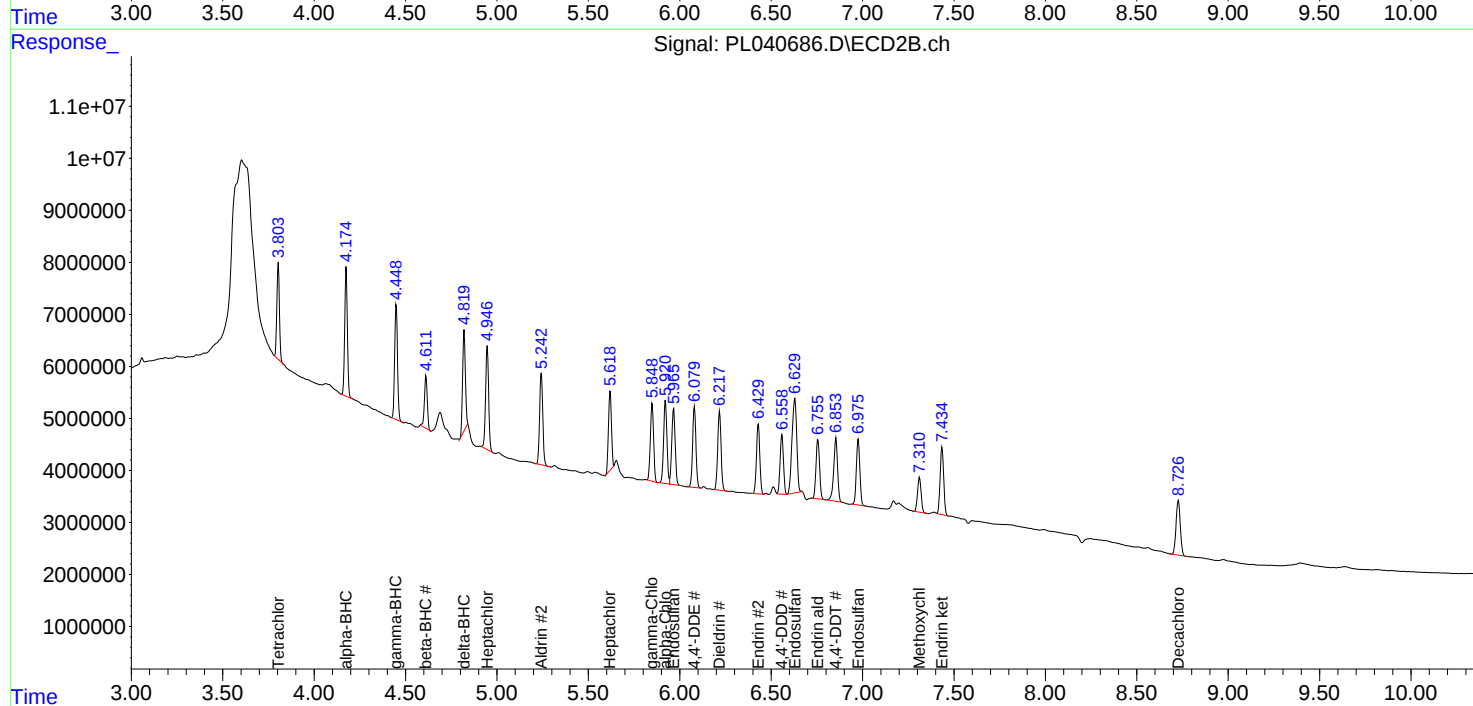
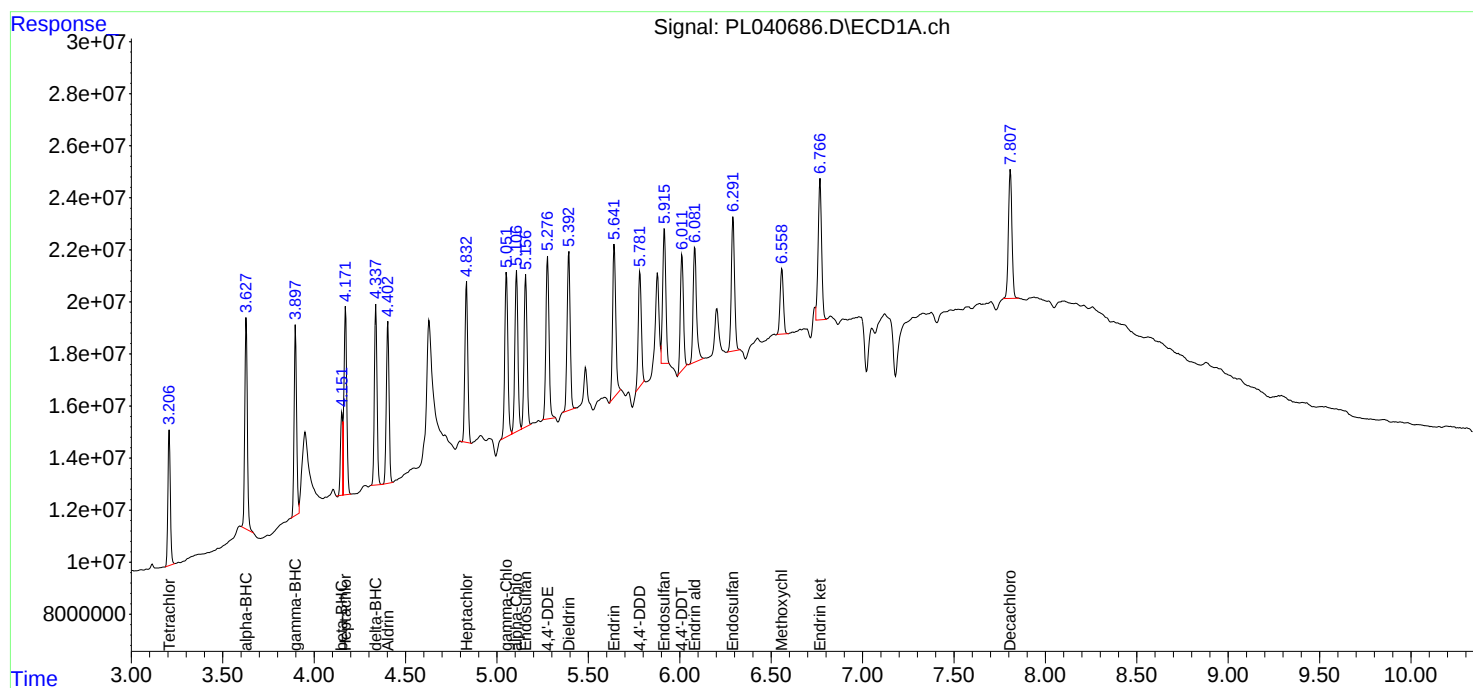
Instrument :  
ECD\_L  
ClientSampled :  
PSTDICC005

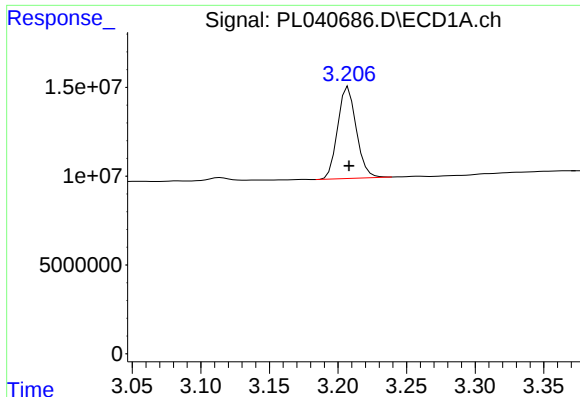
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 05 13:38:28 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL0100518.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 05 13:20:21 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





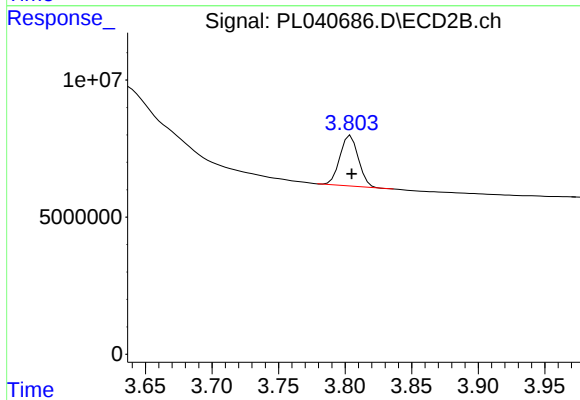
#1 Tetrachloro-m-xylene

R.T.: 3.208 min  
Delta R.T.: 0.000 min  
Response: 48722014  
Conc: 5.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

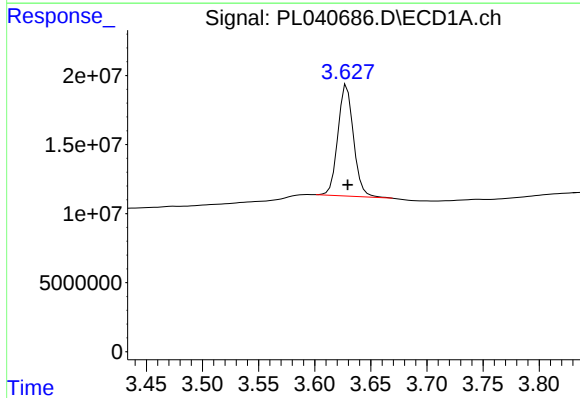
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



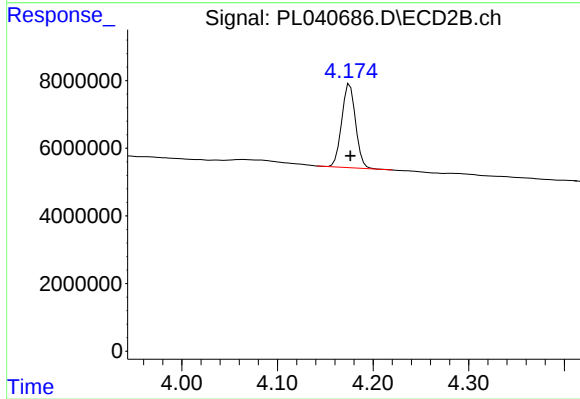
#1 Tetrachloro-m-xylene

R.T.: 3.804 min  
Delta R.T.: 0.000 min  
Response: 17612574  
Conc: 5.36 ng/ml



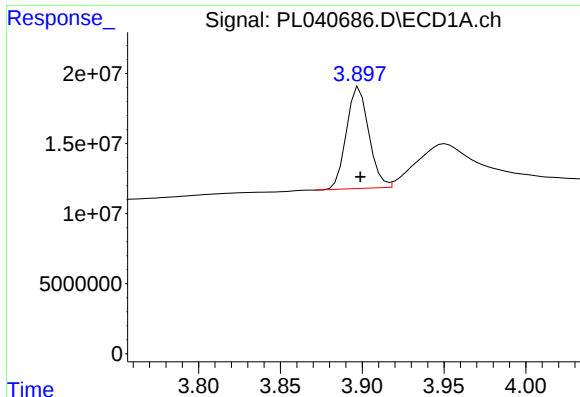
#2 alpha-BHC

R.T.: 3.629 min  
Delta R.T.: 0.000 min  
Response: 78057486  
Conc: 5.47 ng/ml



#2 alpha-BHC

R.T.: 4.176 min  
Delta R.T.: 0.000 min  
Response: 24912943  
Conc: 5.17 ng/ml



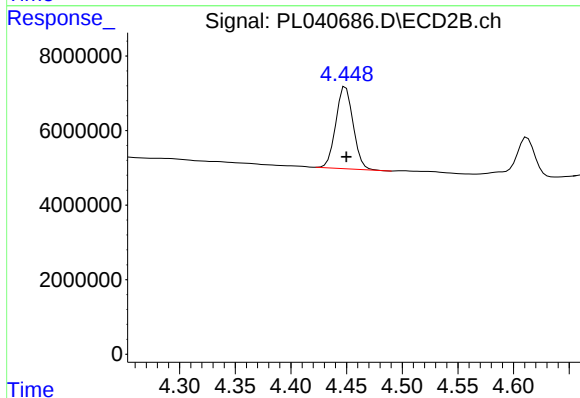
#3 gamma-BHC (Lindane)

R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 68652278  
Conc: 5.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

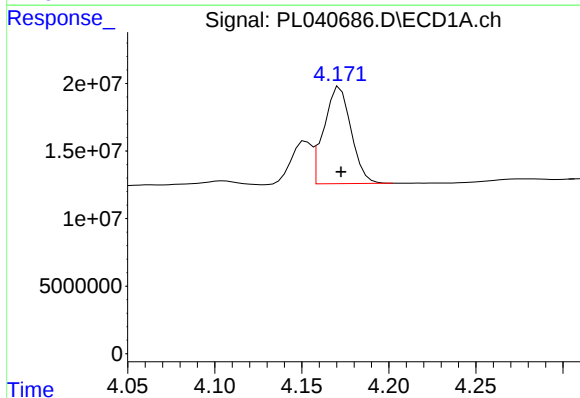
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



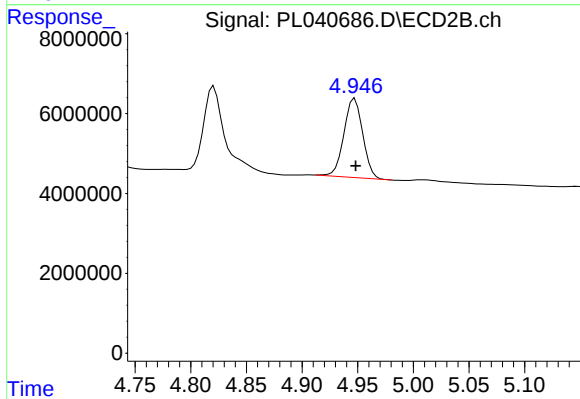
#3 gamma-BHC (Lindane)

R.T.: 4.449 min  
Delta R.T.: 0.000 min  
Response: 23673232  
Conc: 5.36 ng/ml



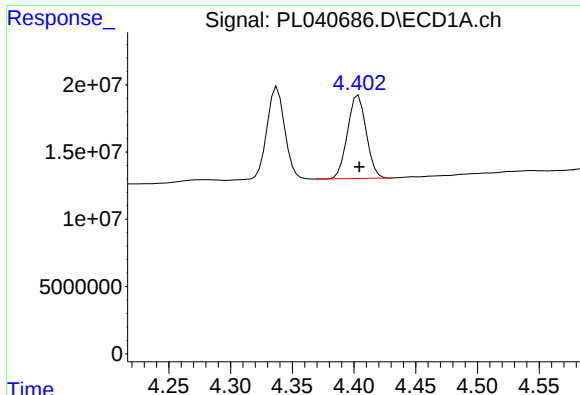
#4 Heptachlor

R.T.: 4.172 min  
Delta R.T.: 0.000 min  
Response: 78071483  
Conc: 5.47 ng/ml



#4 Heptachlor

R.T.: 4.947 min  
Delta R.T.: 0.000 min  
Response: 23179780  
Conc: 5.46 ng/ml



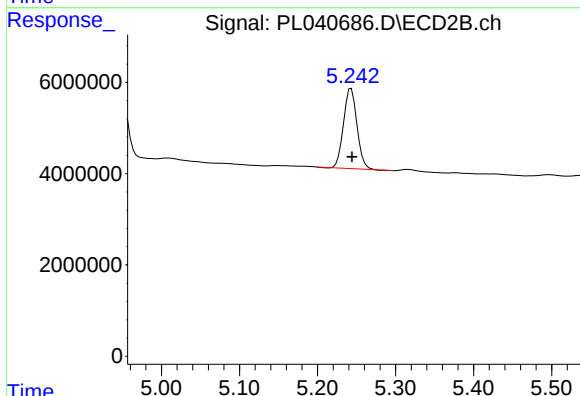
#5 Aldrin

R.T.: 4.404 min  
Delta R.T.: 0.000 min  
Response: 65404178  
Conc: 5.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC005

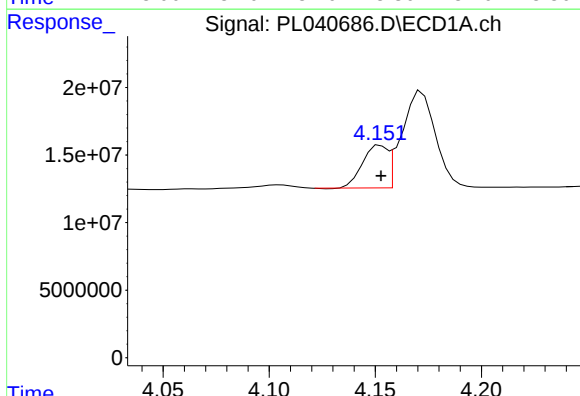
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



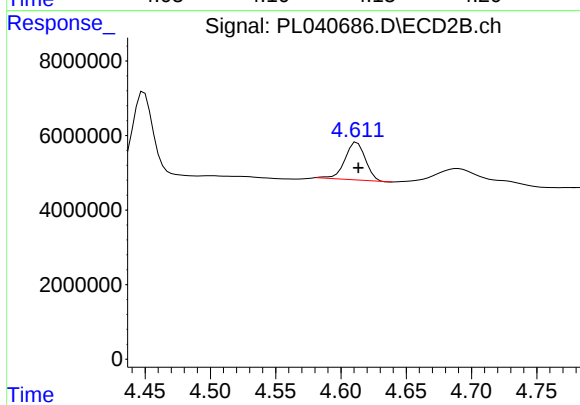
#5 Aldrin

R.T.: 5.243 min  
Delta R.T.: -0.001 min  
Response: 21083252  
Conc: 5.39 ng/ml



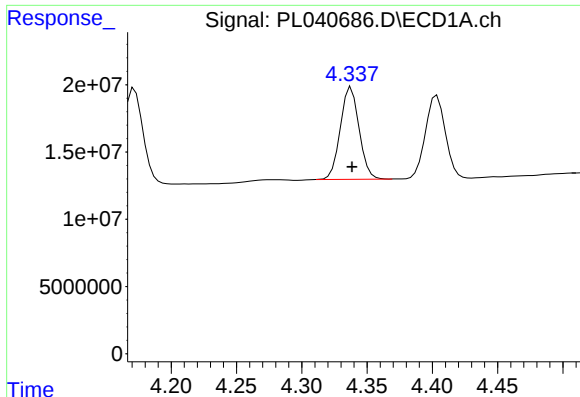
#6 beta-BHC

R.T.: 4.153 min  
Delta R.T.: 0.000 min  
Response: 25729724  
Conc: 5.46 ng/ml



#6 beta-BHC

R.T.: 4.612 min  
Delta R.T.: 0.000 min  
Response: 11095901  
Conc: 5.81 ng/ml



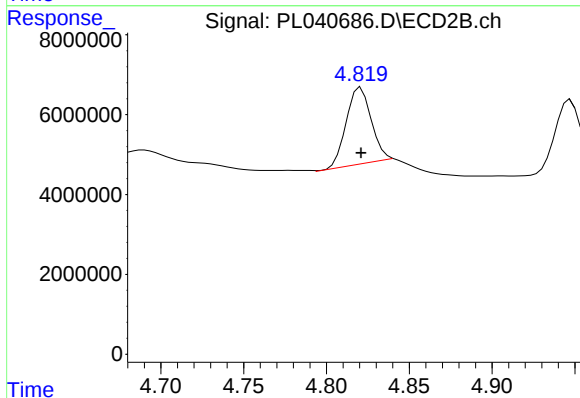
#7 delta-BHC

R.T.: 4.338 min  
Delta R.T.: 0.000 min  
Response: 68692408  
Conc: 5.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

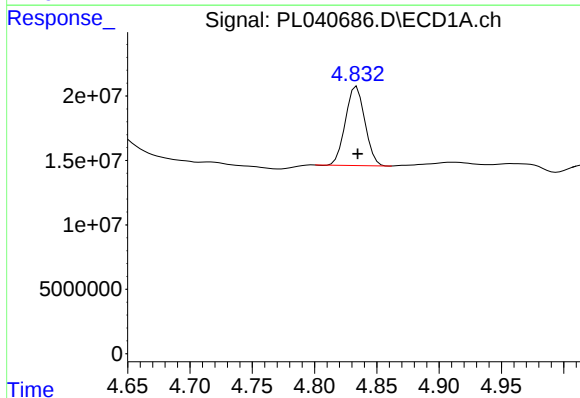
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



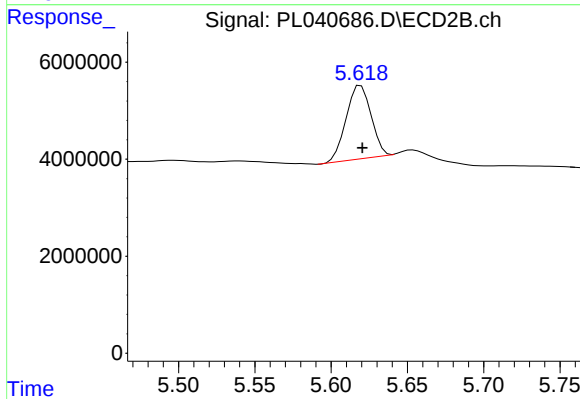
#7 delta-BHC

R.T.: 4.819 min  
Delta R.T.: -0.002 min  
Response: 20246736  
Conc: 4.65 ng/ml m



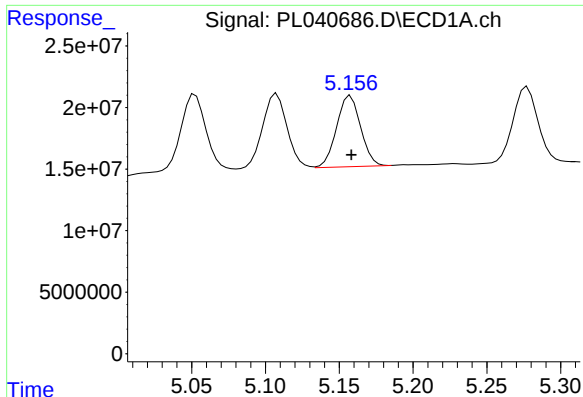
#8 Heptachlor epoxide

R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 67083427  
Conc: 5.58 ng/ml



#8 Heptachlor epoxide

R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 17161863  
Conc: 5.15 ng/ml



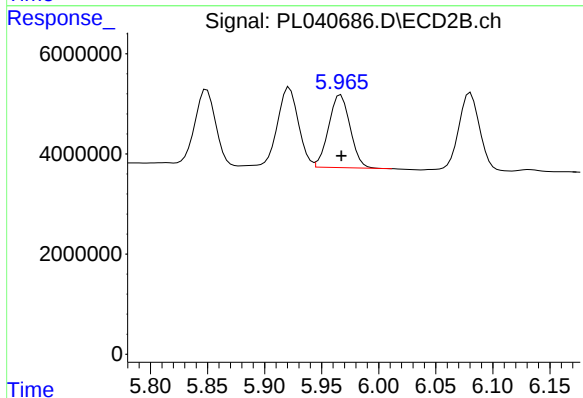
#9 Endosulfan I

R.T.: 5.158 min  
Delta R.T.: 0.000 min  
Response: 65366126  
Conc: 5.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

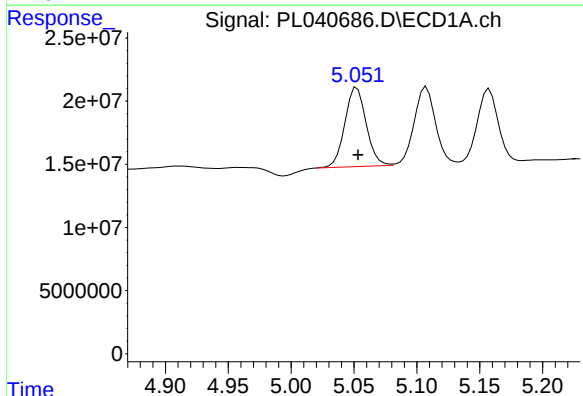
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



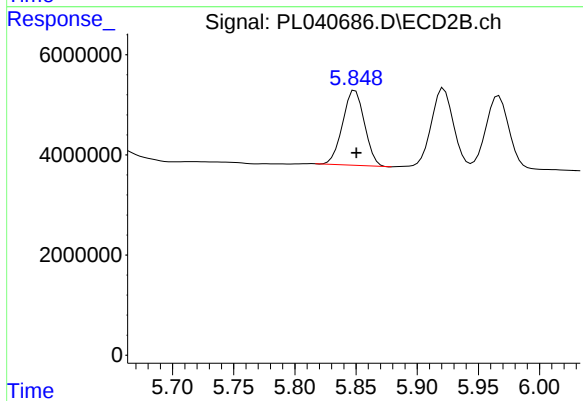
#9 Endosulfan I

R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 18958663  
Conc: 5.64 ng/ml



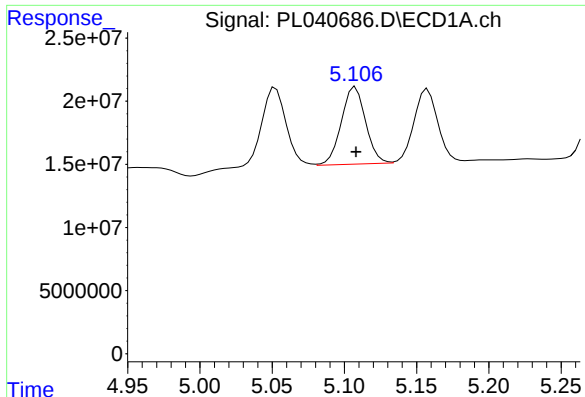
#10 gamma-Chlordane

R.T.: 5.052 min  
Delta R.T.: 0.000 min  
Response: 74050619  
Conc: 5.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.849 min  
Delta R.T.: 0.000 min  
Response: 18606729  
Conc: 5.35 ng/ml



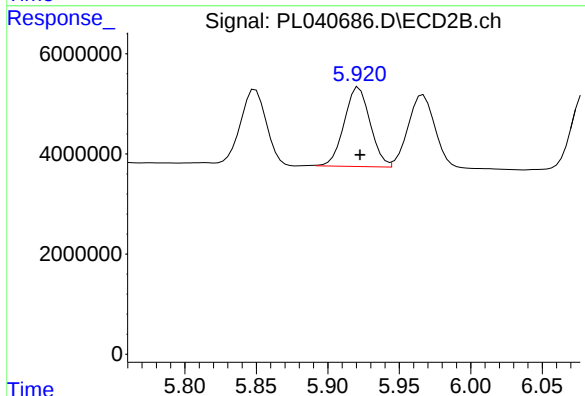
#11 alpha-Chlordane

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 71373772  
Conc: 5.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

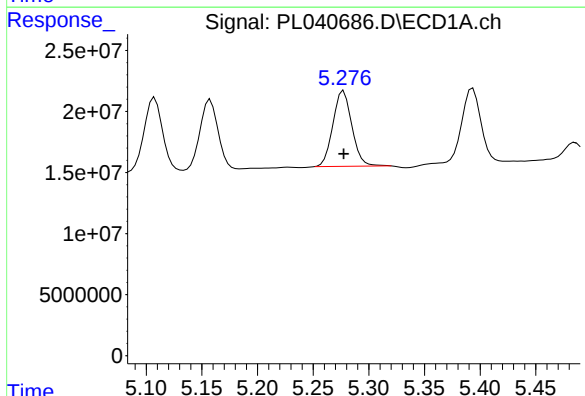
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



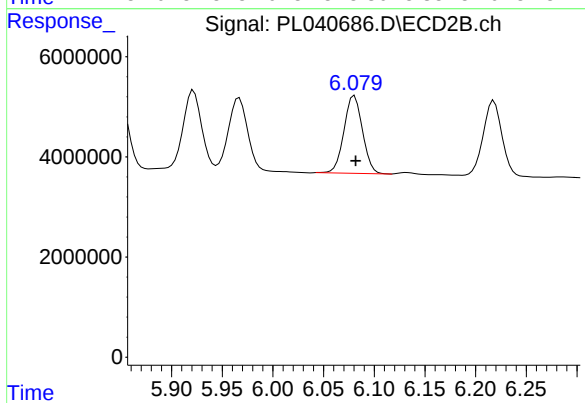
#11 alpha-Chlordane

R.T.: 5.922 min  
Delta R.T.: 0.000 min  
Response: 20004845  
Conc: 5.58 ng/ml



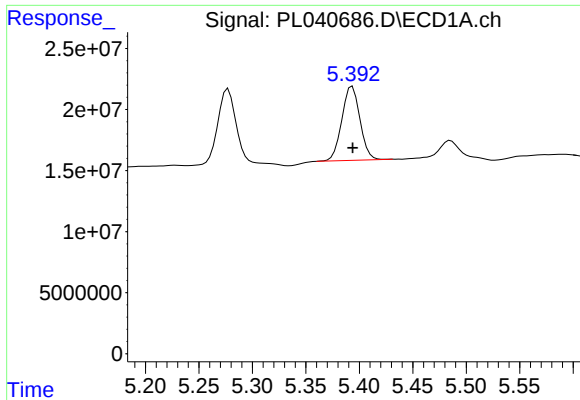
#12 4,4'-DDE

R.T.: 5.277 min  
Delta R.T.: 0.000 min  
Response: 73491605  
Conc: 5.76 ng/ml



#12 4,4'-DDE

R.T.: 6.080 min  
Delta R.T.: -0.001 min  
Response: 19665008  
Conc: 5.50 ng/ml



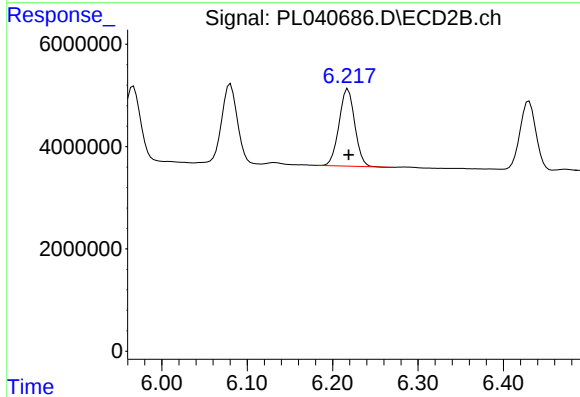
#13 Dieldrin

R.T.: 5.393 min  
Delta R.T.: 0.000 min  
Response: 71749178  
Conc: 5.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

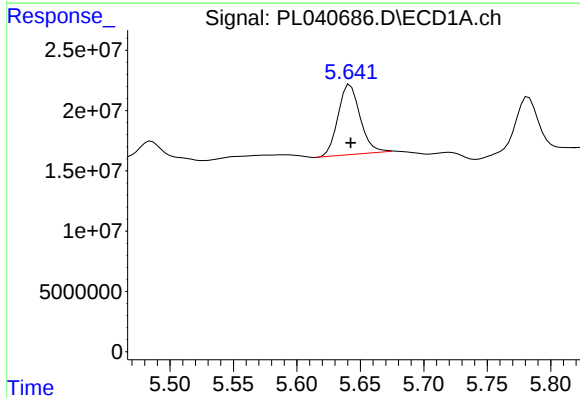
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



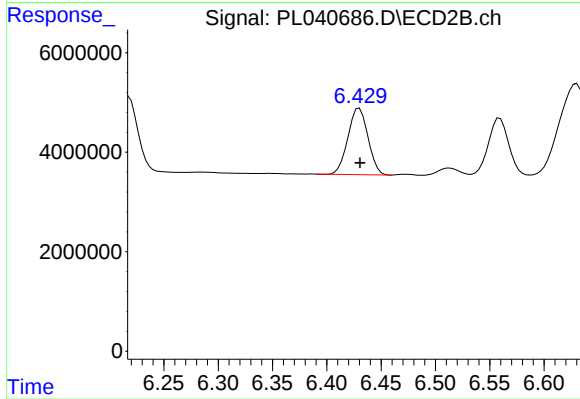
#13 Dieldrin

R.T.: 6.218 min  
Delta R.T.: 0.000 min  
Response: 19335412  
Conc: 5.44 ng/ml



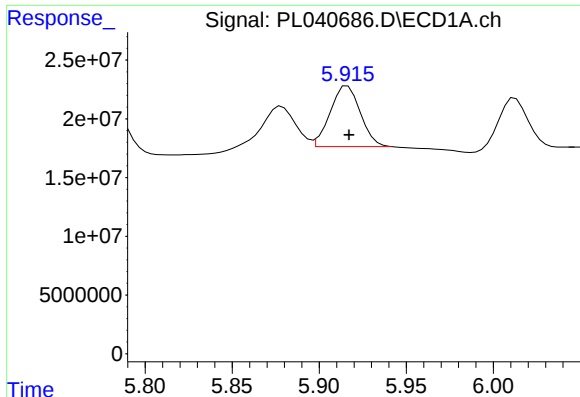
#14 Endrin

R.T.: 5.641 min  
Delta R.T.: -0.002 min  
Response: 70600699  
Conc: 5.96 ng/ml m



#14 Endrin

R.T.: 6.430 min  
Delta R.T.: 0.000 min  
Response: 17217008  
Conc: 5.41 ng/ml



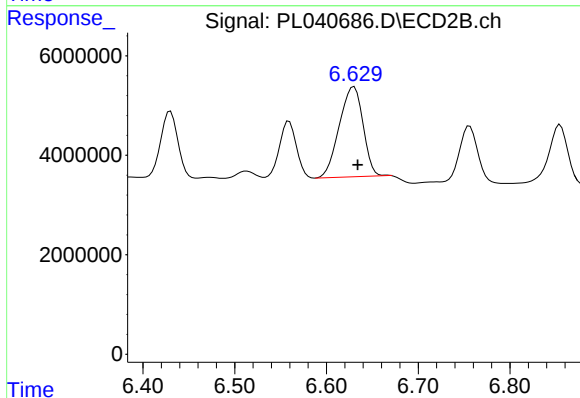
#15 Endosulfan II

R.T.: 5.915 min  
Delta R.T.: -0.002 min  
Response: 61582060  
Conc: 5.14 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

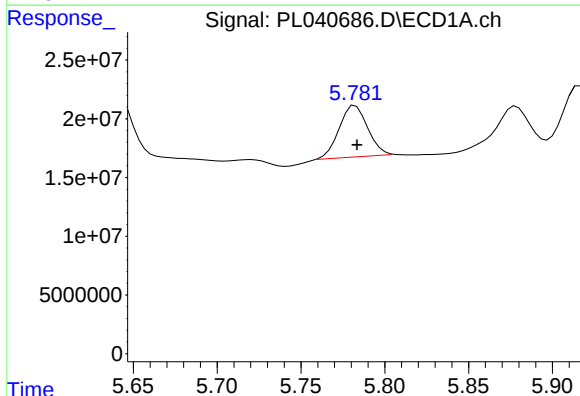
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



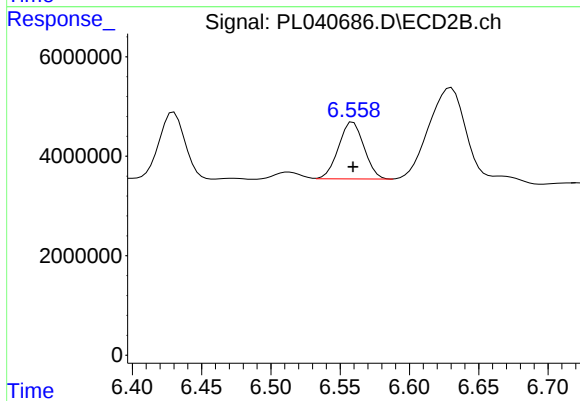
#15 Endosulfan II

R.T.: 6.630 min  
Delta R.T.: -0.004 min  
Response: 32545816  
Conc: 7.55 ng/ml



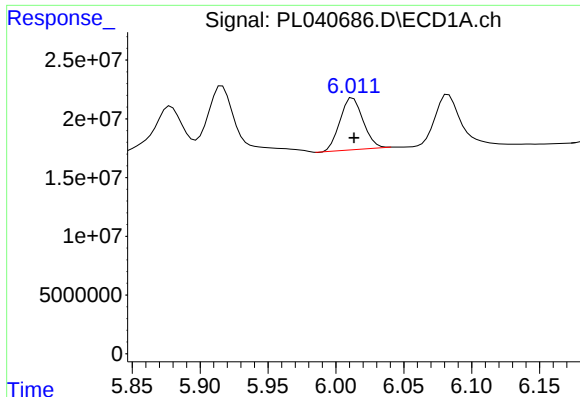
#16 4,4'-DDD

R.T.: 5.781 min  
Delta R.T.: -0.003 min  
Response: 51799190  
Conc: 5.27 ng/ml m



#16 4,4'-DDD

R.T.: 6.559 min  
Delta R.T.: 0.000 min  
Response: 14636264  
Conc: 5.35 ng/ml



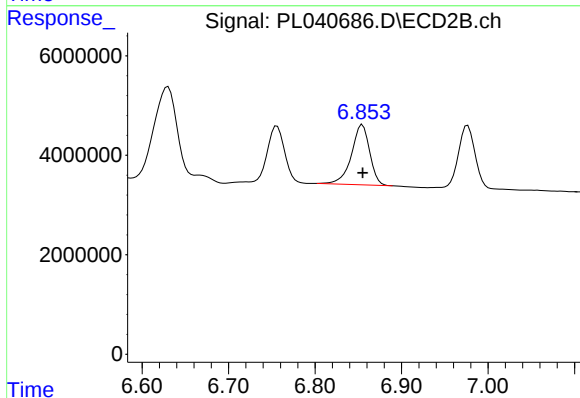
#17 4,4'-DDT

R.T.: 6.011 min  
Delta R.T.: -0.002 min  
Response: 52472821  
Conc: 5.22 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

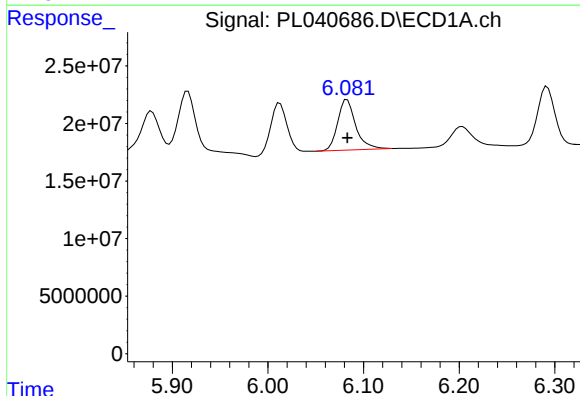
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



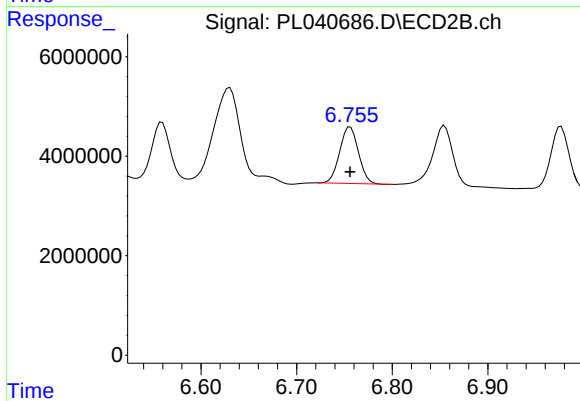
#17 4,4'-DDT

R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 17652247  
Conc: 5.74 ng/ml



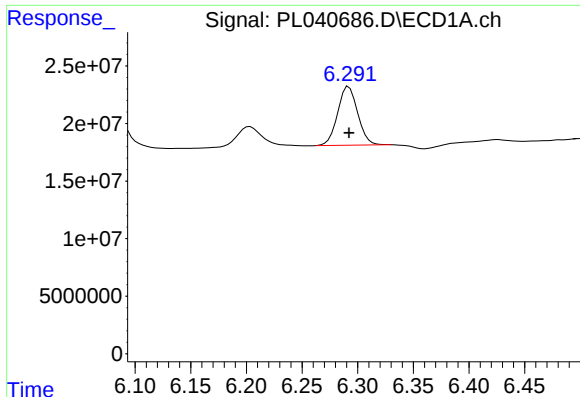
#18 Endrin aldehyde

R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 57954744  
Conc: 6.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.756 min  
Delta R.T.: 0.000 min  
Response: 15492563  
Conc: 5.82 ng/ml



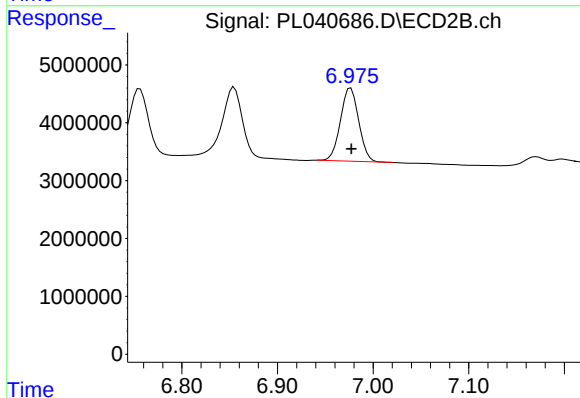
#19 Endosulfan Sulfate

R.T.: 6.292 min  
Delta R.T.: 0.000 min  
Response: 64099825  
Conc: 5.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

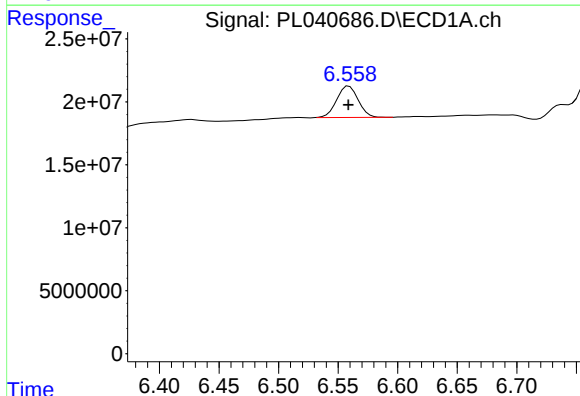
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



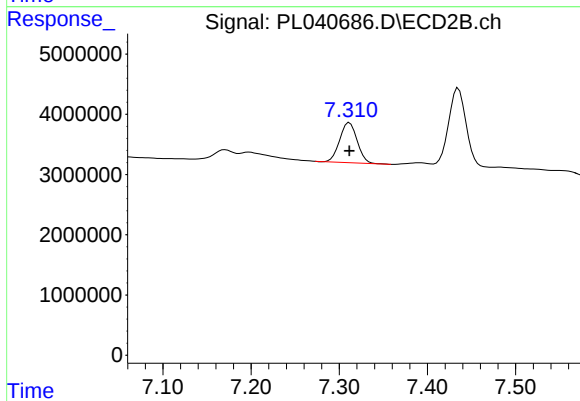
#19 Endosulfan Sulfate

R.T.: 6.977 min  
Delta R.T.: 0.000 min  
Response: 16766632  
Conc: 5.78 ng/ml



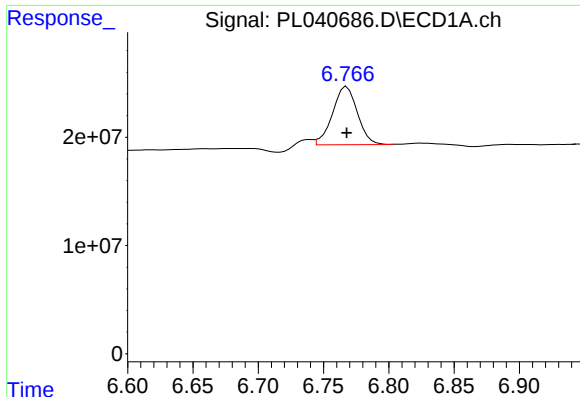
#20 Methoxychlor

R.T.: 6.559 min  
Delta R.T.: 0.000 min  
Response: 31238147  
Conc: 5.64 ng/ml



#20 Methoxychlor

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 9203345  
Conc: 5.84 ng/ml



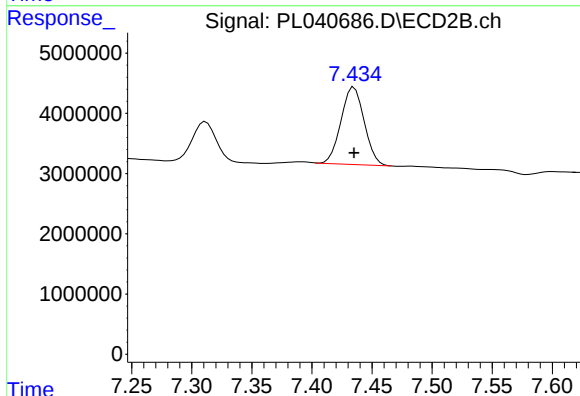
#21 Endrin ketone

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 70789388  
Conc: 5.72 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDIC005

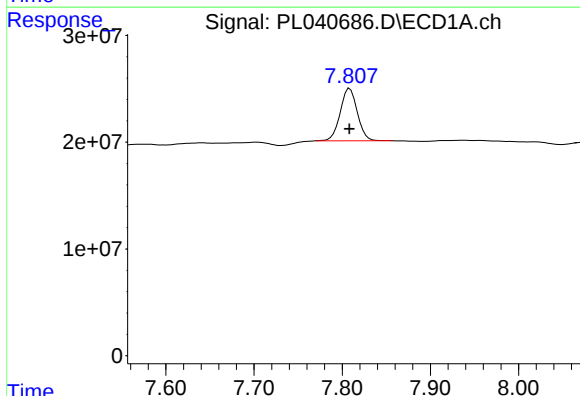
Manual Integrations  
APPROVED

Sohil  
10/8/2018 10:52:45 AM



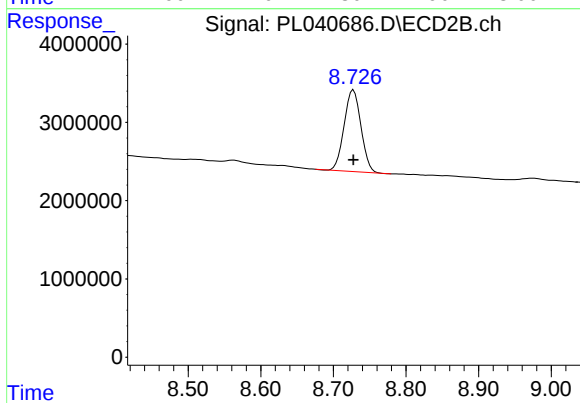
#21 Endrin ketone

R.T.: 7.434 min  
Delta R.T.: -0.001 min  
Response: 17314775  
Conc: 5.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.809 min  
Delta R.T.: 0.000 min  
Response: 65933375  
Conc: 6.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.728 min  
Delta R.T.: 0.000 min  
Response: 16775091  
Conc: 5.96 ng/ml