

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071719\  
 Data File : PL050521.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jul 2019 05:09  
 Operator : SM\AJ  
 Sample : PB121400BS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB121400BS

Manual Integrations  
 APPROVED

Ankita  
 7/18/2019 2:56:47 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 18 06:43:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 18 04:12:31 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... | 3.318 | 3.930 | 193.5E6 | 56669642 | 19.254 | 19.862  |
| 28)                         | SA Decachlor... | 7.980 | 8.961 | 234.5E6 | 61590715 | 23.163 | 21.780  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.746 | 4.319 | 939.3E6 | 233.8E6  | 56.052 | 56.665  |
| 3)                          | MA gamma-BHC... | 4.021 | 4.602 | 891.3E6 | 220.9E6  | 57.944 | 57.033  |
| 4)                          | MA Heptachlor   | 4.305 | 5.103 | 950.3E6 | 235.5E6  | 57.919 | 56.796  |
| 5)                          | MB Aldrin       | 4.543 | 5.405 | 899.9E6 | 215.3E6  | 58.092 | 57.123  |
| 6)                          | B beta-BHC      | 4.276 | 4.778 | 373.0E6 | 100.8E6  | 56.903 | 58.308  |
| 7)                          | B delta-BHC     | 4.468 | 4.990 | 872.6E6 | 203.5E6  | 53.182 | 52.623m |
| 8)                          | B Heptachlor... | 4.979 | 5.792 | 856.8E6 | 206.0E6  | 57.993 | 53.870  |
| 9)                          | A Endosulfan I  | 5.310 | 6.148 | 829.3E6 | 193.0E6  | 57.021 | 56.128  |
| 10)                         | B gamma-Chl...  | 5.201 | 6.026 | 900.9E6 | 209.3E6  | 57.082 | 56.644  |
| 11)                         | B alpha-Chl...  | 5.258 | 6.098 | 871.7E6 | 206.8E6  | 57.139 | 56.436  |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.259 | 873.6E6 | 204.6E6  | 58.294 | 56.784  |
| 13)                         | MA Dieldrin     | 5.548 | 6.404 | 898.2E6 | 202.0E6  | 57.958 | 57.054  |
| 14)                         | MA Endrin       | 5.801 | 6.621 | 843.0E6 | 176.4E6  | 57.266 | 56.887  |
| 15)                         | B Endosulfa...  | 6.076 | 6.833 | 794.7E6 | 179.1E6  | 56.785 | 56.345  |
| 16)                         | A 4,4'-DDD      | 5.936 | 6.749 | 686.7E6 | 151.8E6  | 57.305 | 57.010  |
| 17)                         | MA 4,4'-DDT     | 6.170 | 7.046 | 720.2E6 | 159.5E6  | 58.151 | 59.077  |
| 18)                         | B Endrin al...  | 6.243 | 6.956 | 647.1E6 | 152.8E6  | 56.095 | 56.219m |
| 19)                         | B Endosulfa...  | 6.454 | 7.180 | 698.2E6 | 162.2E6  | 54.803 | 56.154  |
| 20)                         | A Methoxychlor  | 6.715 | 7.507 | 351.1E6 | 88005781 | 56.270 | 59.979  |
| 21)                         | B Endrin ke...  | 6.936 | 7.648 | 800.4E6 | 177.7E6  | 58.517 | 61.468  |
| 22)                         | Mirex           | 7.109 | 8.097 | 536.5E6 | 129.1E6  | 54.725 | 56.212  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071719\  
Data File : PL050521.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jul 2019 05:09  
Operator : SM\AJ  
Sample : PB121400BS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

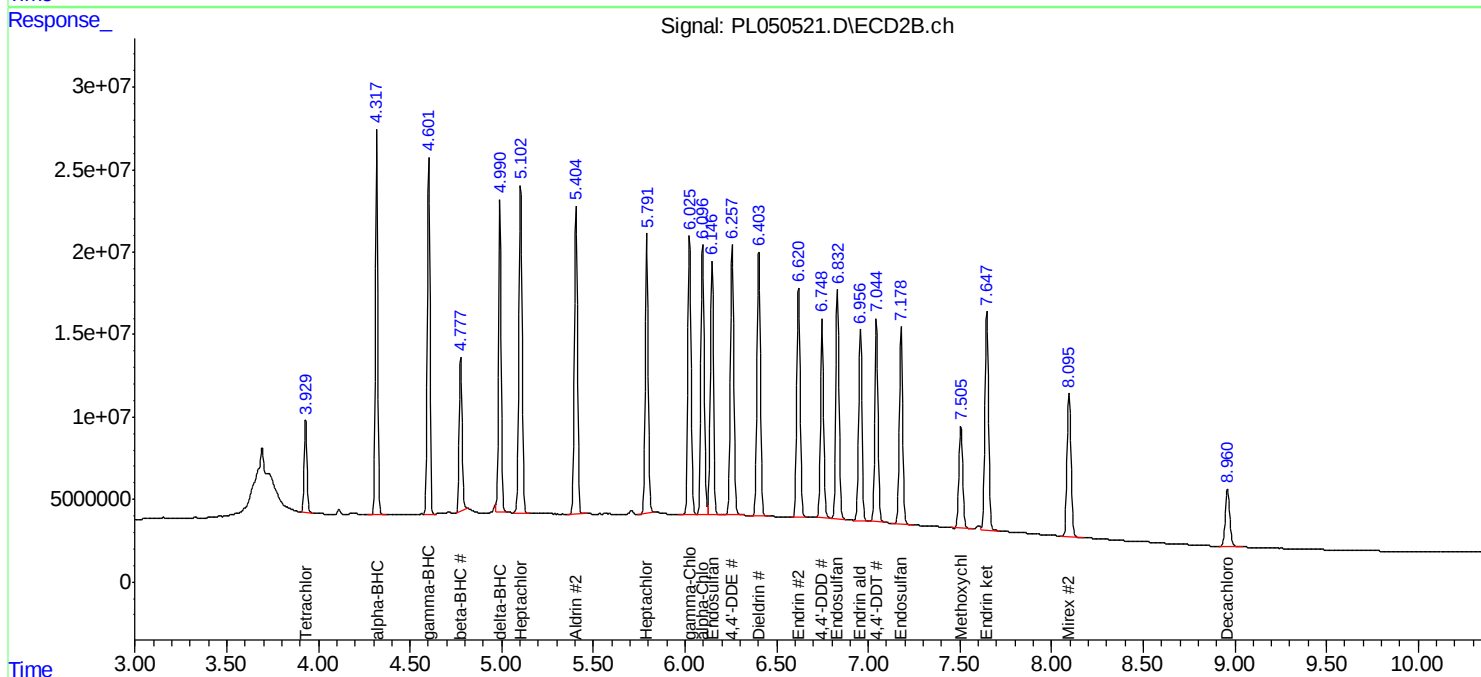
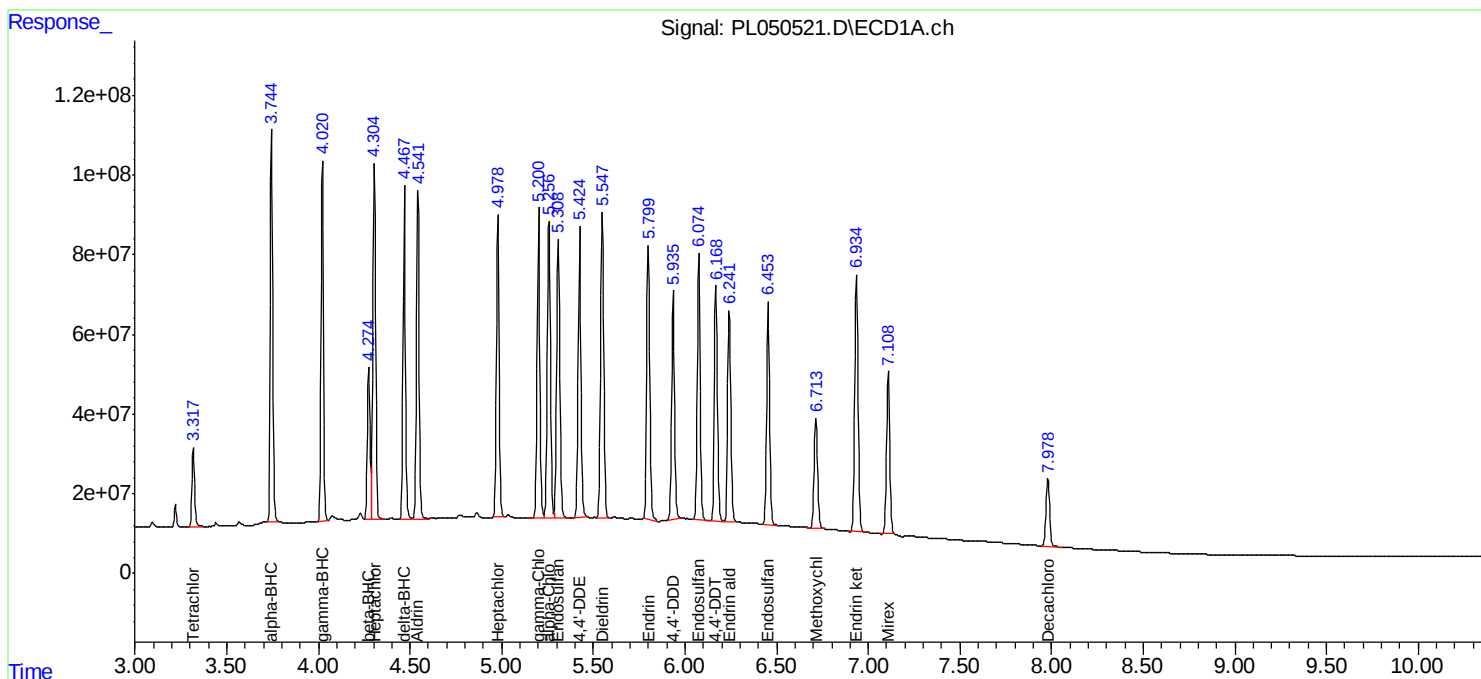
Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

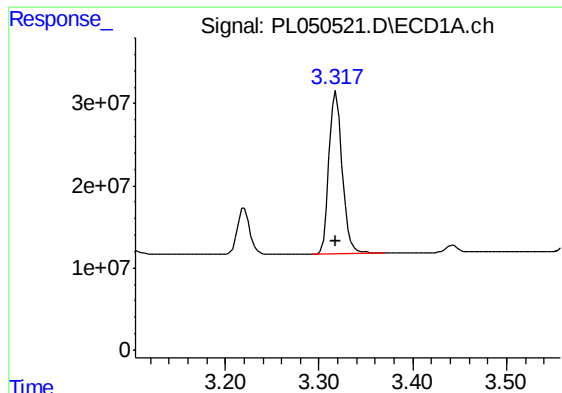
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 18 06:43:08 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 18 04:12:31 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





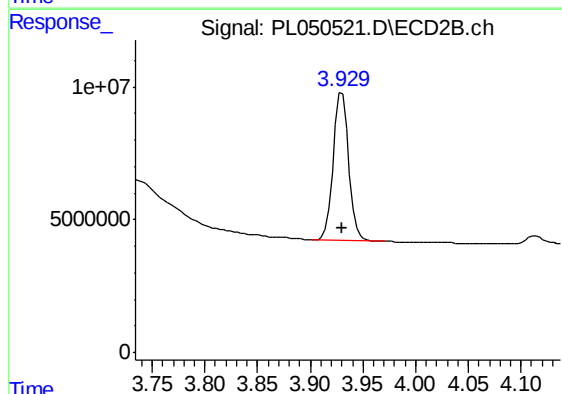
#1 Tetrachloro-m-xylene

R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 193463119  
Conc: 19.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

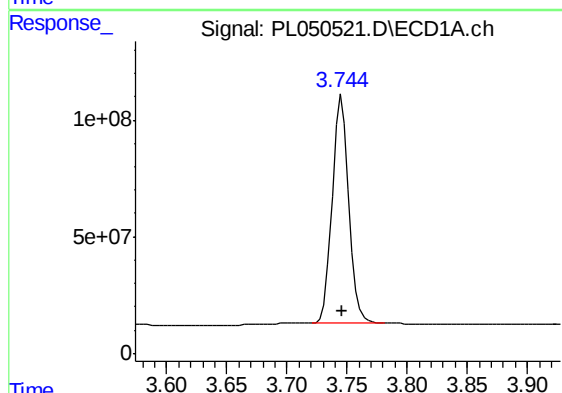
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



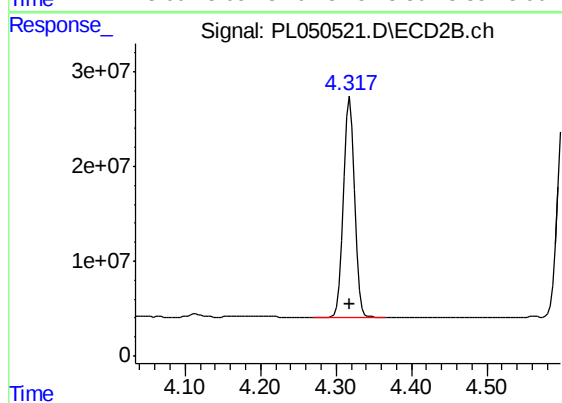
#1 Tetrachloro-m-xylene

R.T.: 3.930 min  
Delta R.T.: 0.000 min  
Response: 56669642  
Conc: 19.86 ng/ml



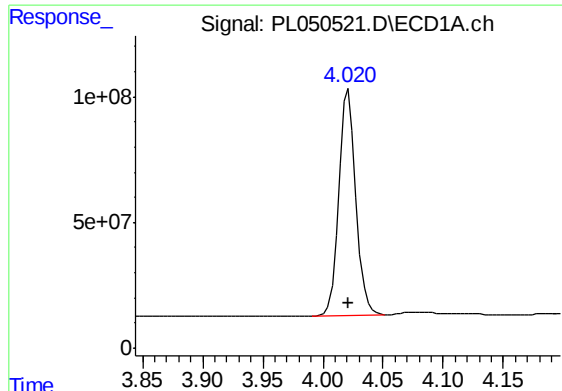
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 939310864  
Conc: 56.05 ng/ml



#2 alpha-BHC

R.T.: 4.319 min  
Delta R.T.: 0.000 min  
Response: 233799618  
Conc: 56.67 ng/ml



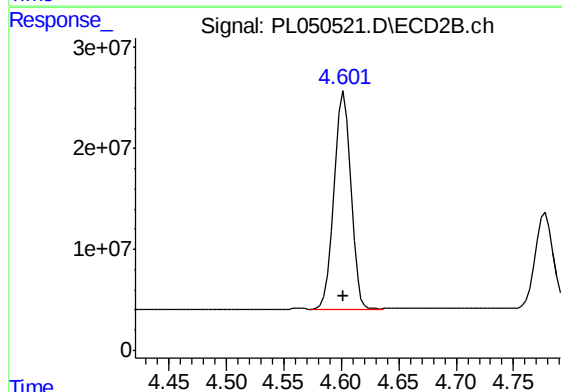
#3 gamma-BHC (Lindane)

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 891270693  
Conc: 57.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

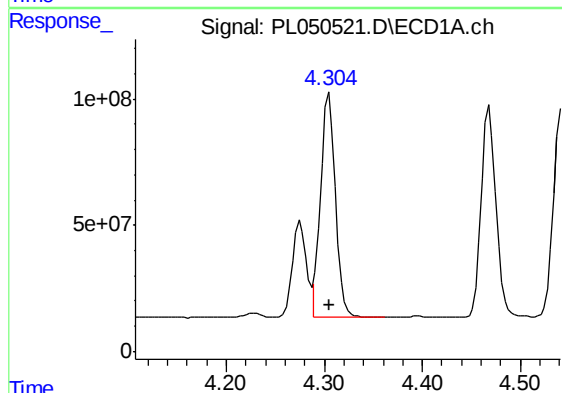
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



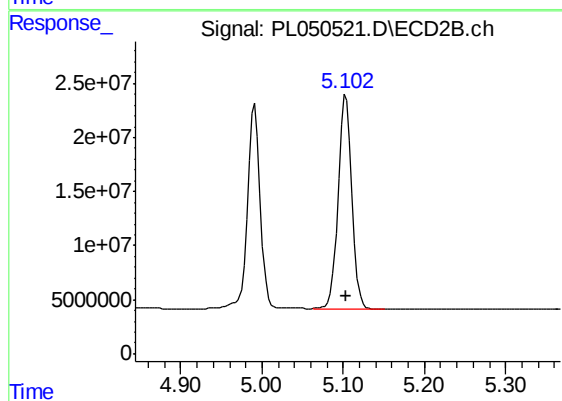
#3 gamma-BHC (Lindane)

R.T.: 4.602 min  
Delta R.T.: 0.000 min  
Response: 220898973  
Conc: 57.03 ng/ml



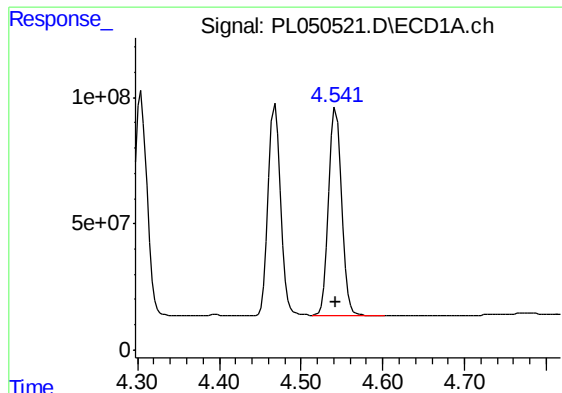
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 950331099  
Conc: 57.92 ng/ml



#4 Heptachlor

R.T.: 5.103 min  
Delta R.T.: 0.000 min  
Response: 235516342  
Conc: 56.80 ng/ml



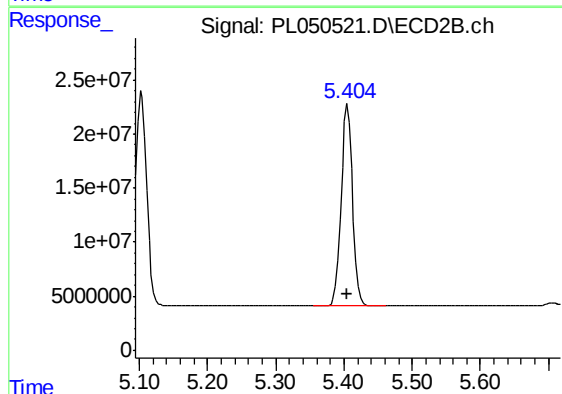
#5 Aldrin

R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 899928255  
Conc: 58.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

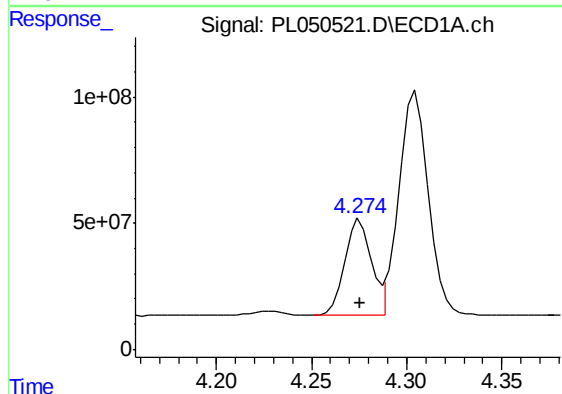
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



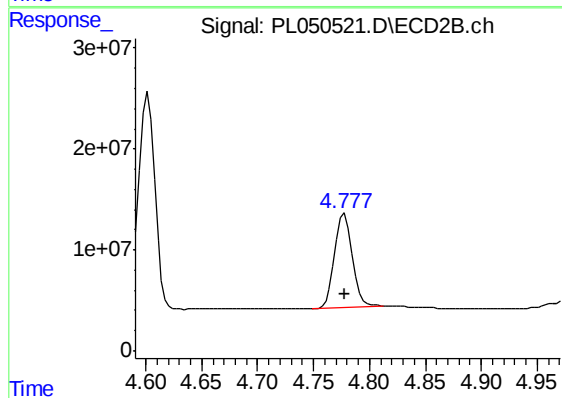
#5 Aldrin

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 215257353  
Conc: 57.12 ng/ml



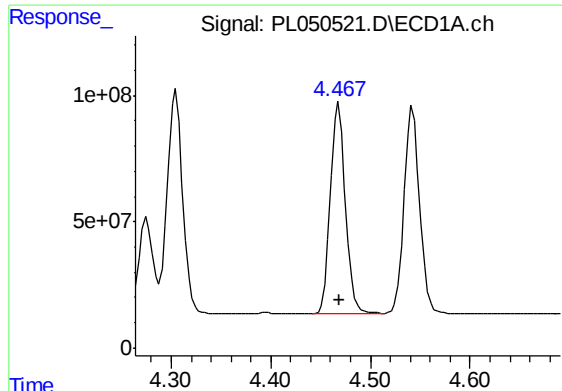
#6 beta-BHC

R.T.: 4.276 min  
Delta R.T.: 0.000 min  
Response: 373045249  
Conc: 56.90 ng/ml



#6 beta-BHC

R.T.: 4.778 min  
Delta R.T.: 0.000 min  
Response: 100806507  
Conc: 58.31 ng/ml



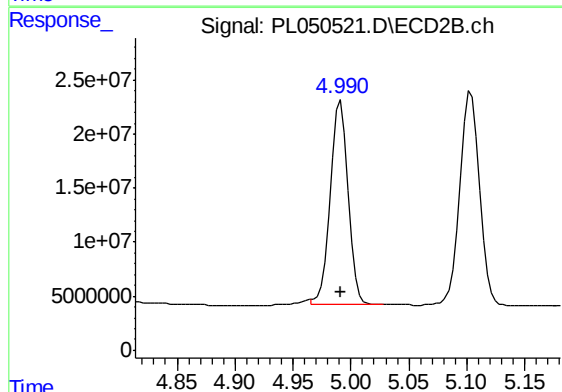
#7 delta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 872640342  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

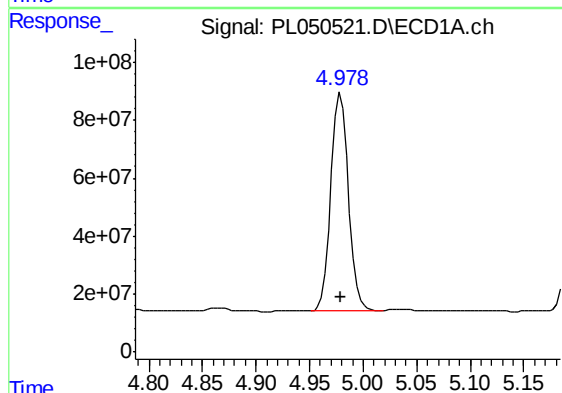
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



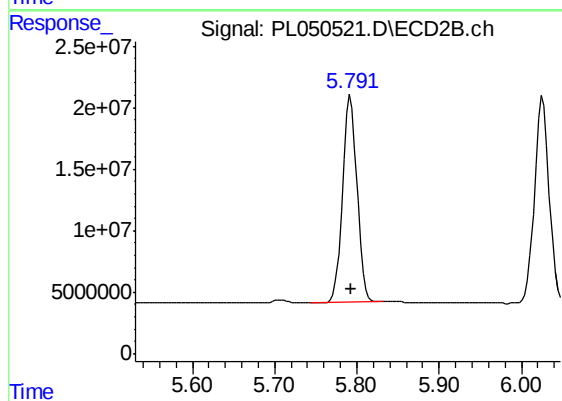
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 203526130  
Conc: 52.62 ng/ml m



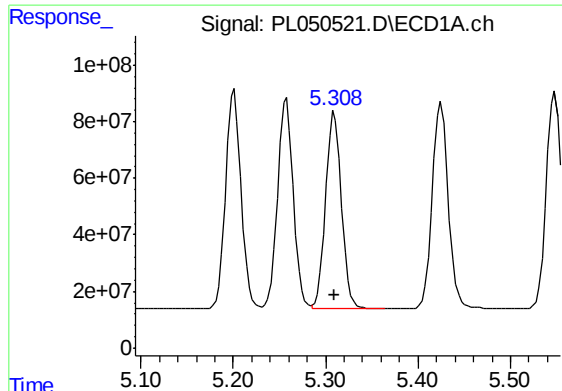
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: 0.000 min  
Response: 856770424  
Conc: 57.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 206045122  
Conc: 53.87 ng/ml



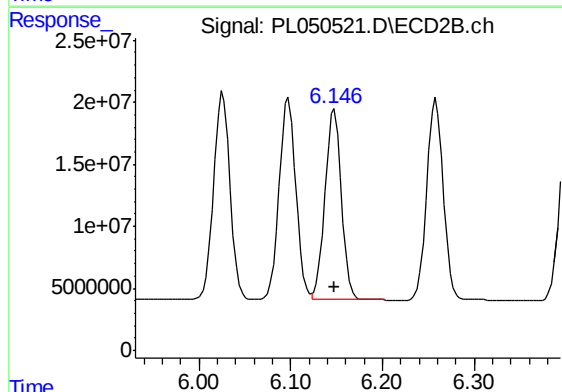
#9 Endosulfan I

R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 829302040  
Conc: 57.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

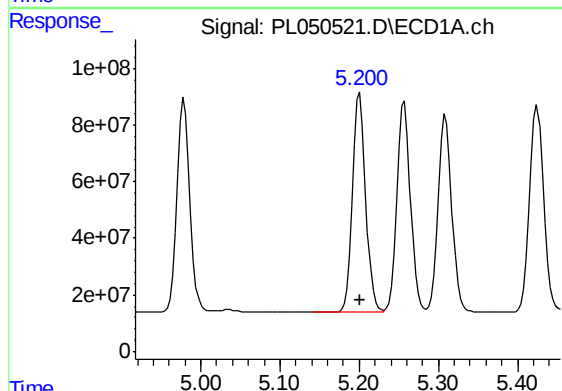
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



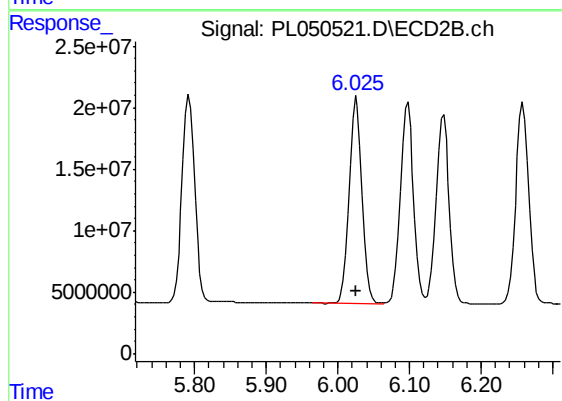
#9 Endosulfan I

R.T.: 6.148 min  
Delta R.T.: 0.000 min  
Response: 193016553  
Conc: 56.13 ng/ml



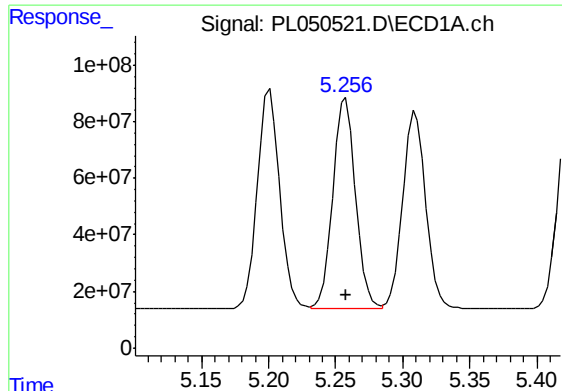
#10 gamma-Chlordane

R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 900930206  
Conc: 57.08 ng/ml



#10 gamma-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 209317390  
Conc: 56.64 ng/ml



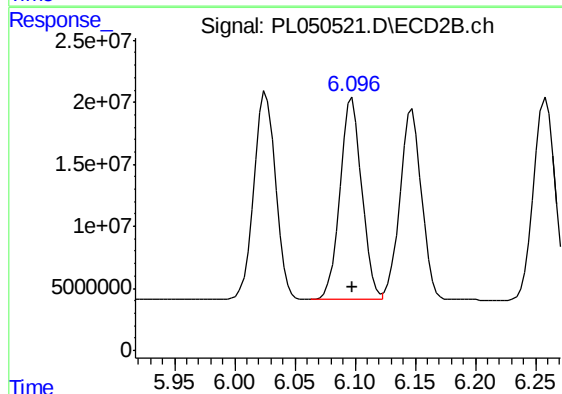
#11 alpha-Chlordane

R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 871711660  
Conc: 57.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

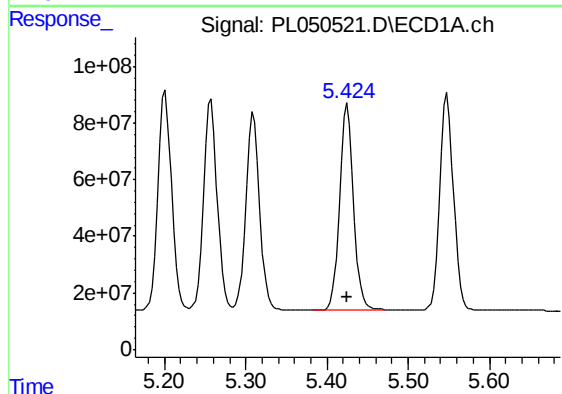
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



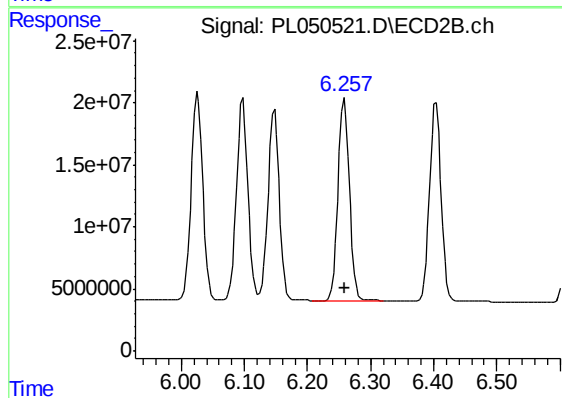
#11 alpha-Chlordane

R.T.: 6.098 min  
Delta R.T.: 0.000 min  
Response: 206844942  
Conc: 56.44 ng/ml



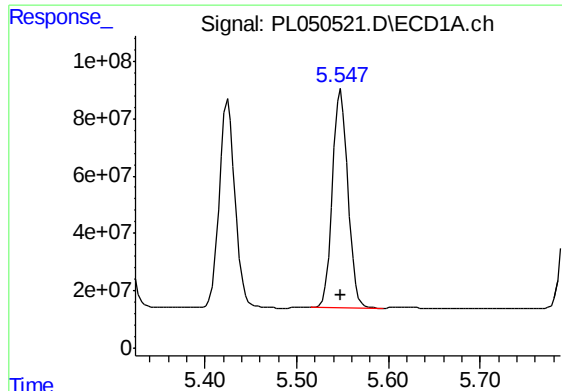
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 873584217  
Conc: 58.29 ng/ml



#12 4,4'-DDE

R.T.: 6.259 min  
Delta R.T.: 0.000 min  
Response: 204614408  
Conc: 56.78 ng/ml



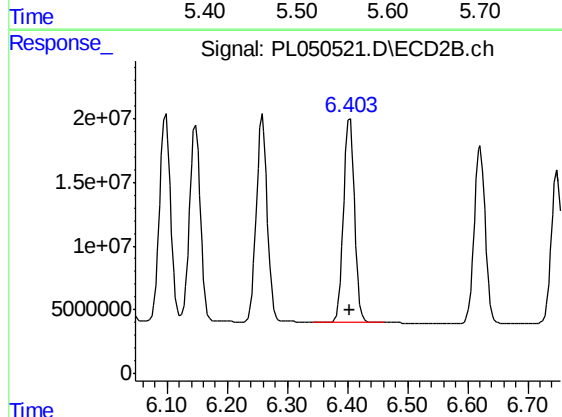
#13 Dielldrin

R.T.: 5.548 min  
Delta R.T.: 0.000 min  
Response: 898166405  
Conc: 57.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

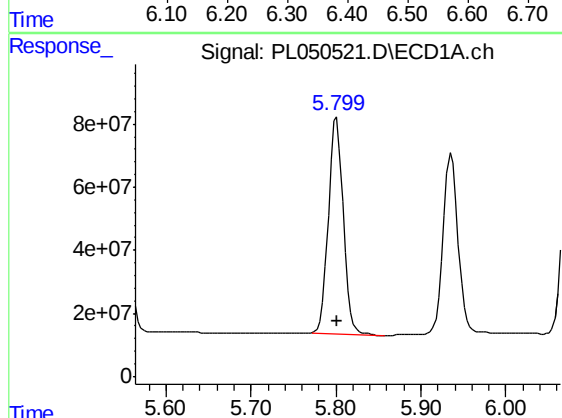
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



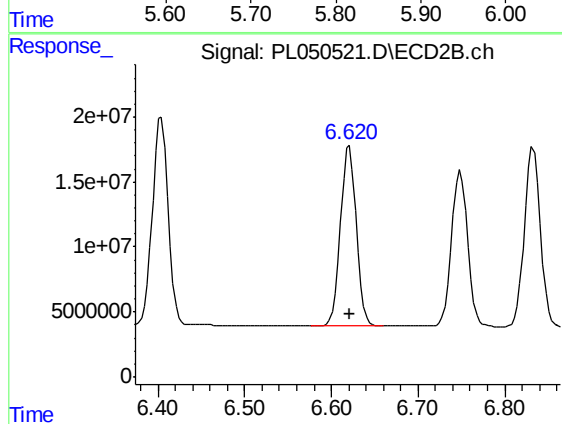
#13 Dielldrin

R.T.: 6.404 min  
Delta R.T.: 0.000 min  
Response: 202034769  
Conc: 57.05 ng/ml



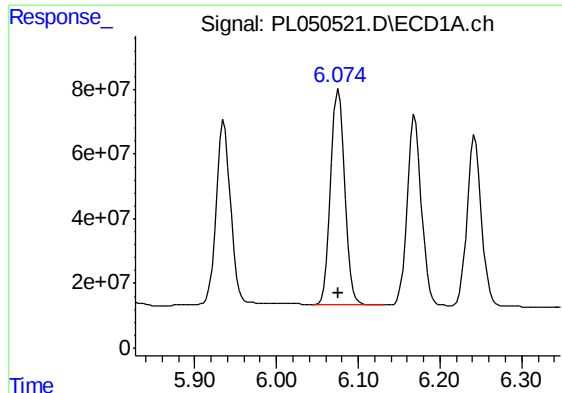
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 842988200  
Conc: 57.27 ng/ml



#14 Endrin

R.T.: 6.621 min  
Delta R.T.: 0.000 min  
Response: 176430784  
Conc: 56.89 ng/ml



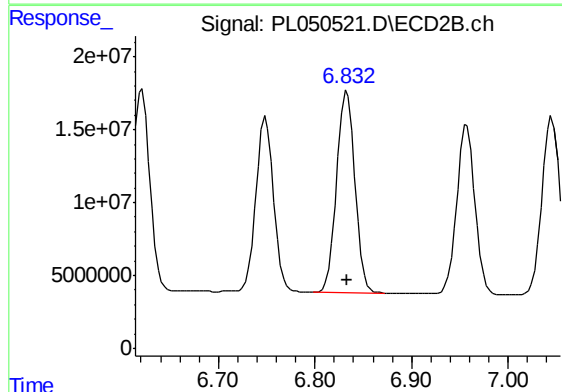
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 794701329  
Conc: 56.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

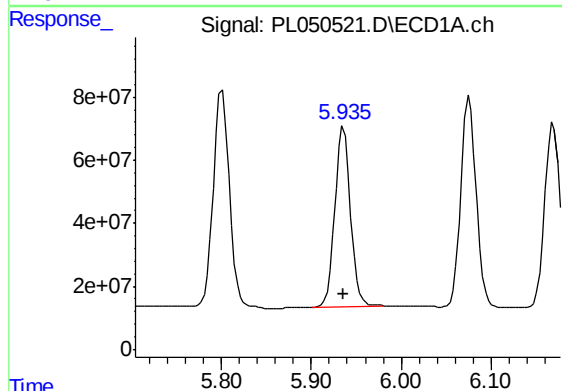
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



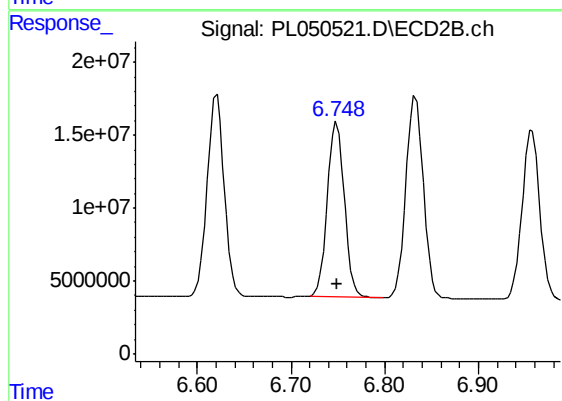
#15 Endosulfan II

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 179131876  
Conc: 56.35 ng/ml



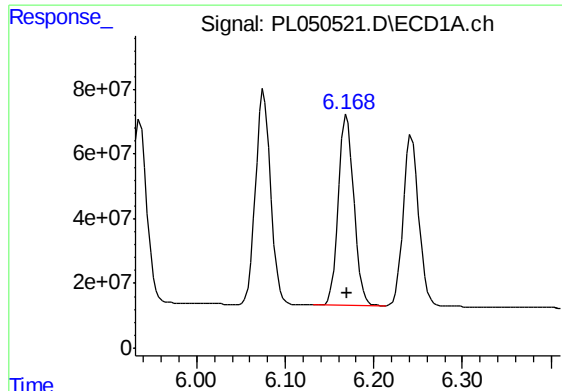
#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 686728711  
Conc: 57.30 ng/ml



#16 4,4'-DDD

R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 151812202  
Conc: 57.01 ng/ml



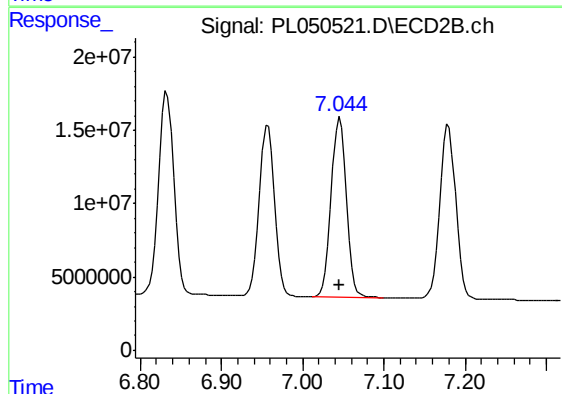
#17 4,4'-DDT

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 720239630  
Conc: 58.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

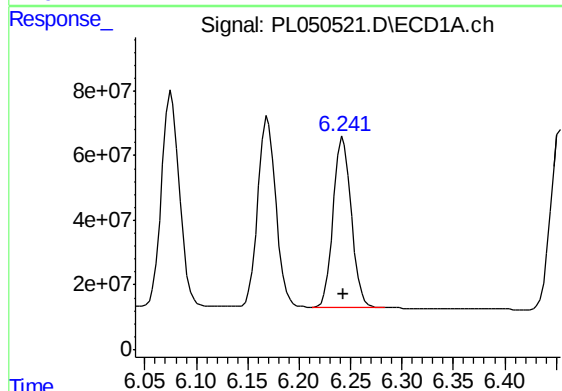
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



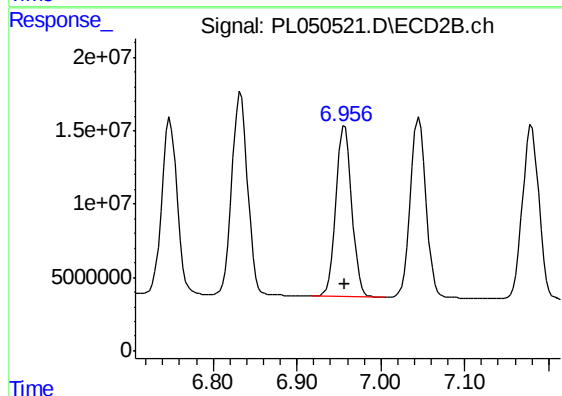
#17 4,4'-DDT

R.T.: 7.046 min  
Delta R.T.: 0.000 min  
Response: 159482639  
Conc: 59.08 ng/ml



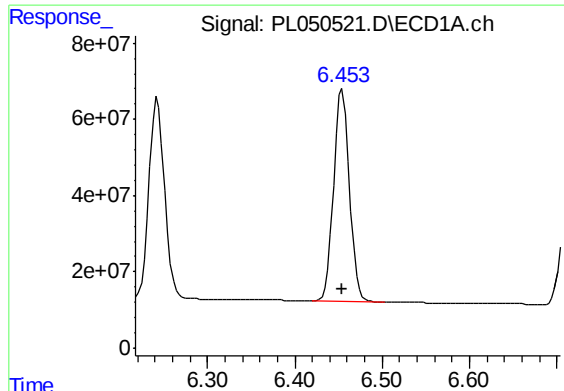
#18 Endrin aldehyde

R.T.: 6.243 min  
Delta R.T.: 0.000 min  
Response: 647130701  
Conc: 56.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.956 min  
Delta R.T.: -0.002 min  
Response: 152781255  
Conc: 56.22 ng/ml m



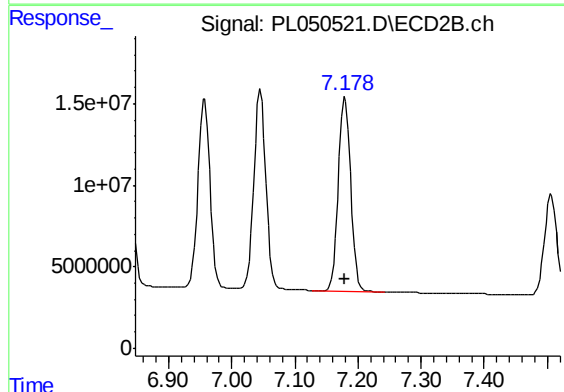
#19 Endosulfan Sulfate

R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 698170798  
Conc: 54.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

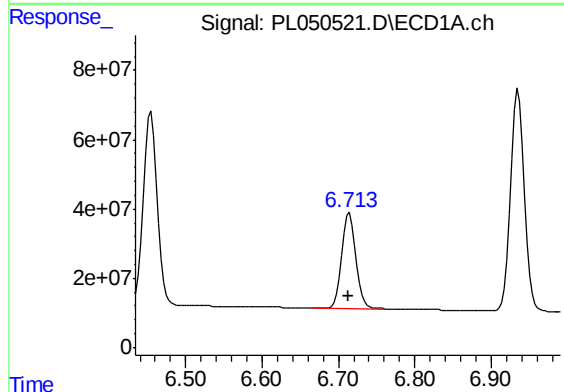
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



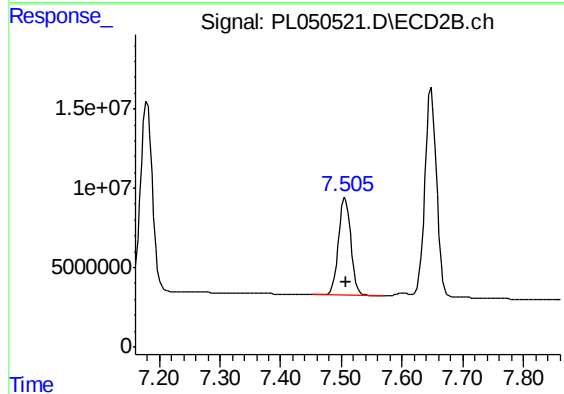
#19 Endosulfan Sulfate

R.T.: 7.180 min  
Delta R.T.: 0.000 min  
Response: 162185343  
Conc: 56.15 ng/ml



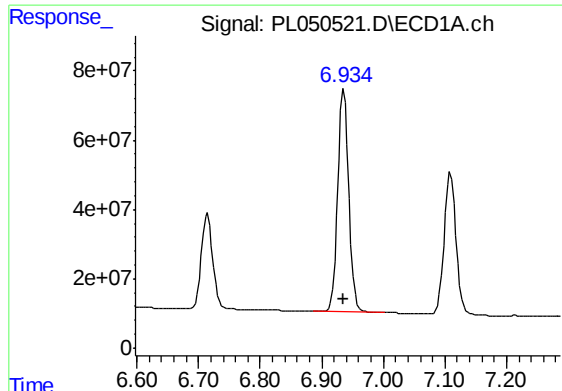
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 351062459  
Conc: 56.27 ng/ml



#20 Methoxychlor

R.T.: 7.507 min  
Delta R.T.: 0.000 min  
Response: 88005781  
Conc: 59.98 ng/ml



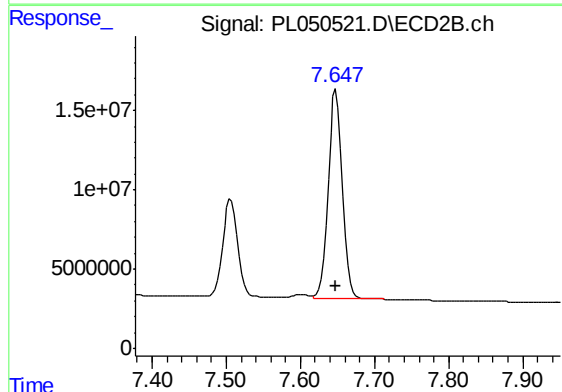
#21 Endrin ketone

R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 800362669  
Conc: 58.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

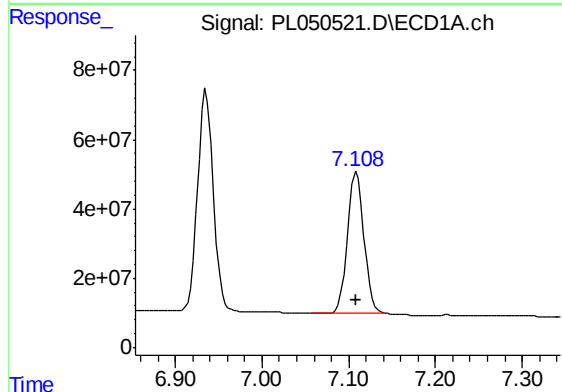
Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



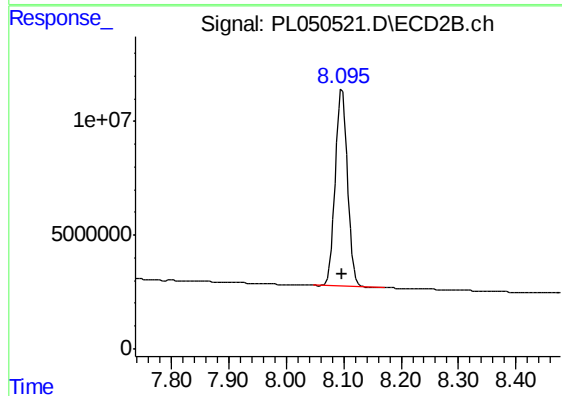
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 177722412  
Conc: 61.47 ng/ml



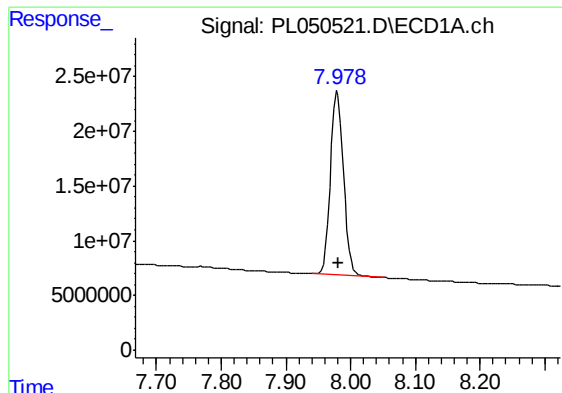
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 536537645  
Conc: 54.72 ng/ml



#22 Mirex

R.T.: 8.097 min  
Delta R.T.: 0.000 min  
Response: 129118137  
Conc: 56.21 ng/ml



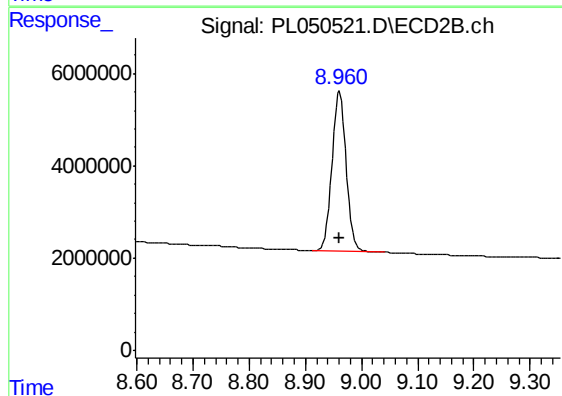
#28 Decachlorobiphenyl

R.T.: 7.980 min  
Delta R.T.: 0.000 min  
Response: 234530335  
Conc: 23.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB121400BS

Manual Integrations  
APPROVED

Ankita  
7/18/2019 2:56:47 PM



#28 Decachlorobiphenyl

R.T.: 8.961 min  
Delta R.T.: 0.000 min  
Response: 61590715  
Conc: 21.78 ng/ml