

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080420\  
 Data File : PL060492.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2020 10:04  
 Operator : DD\AJ  
 Sample : L3521-07MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-CDMS

Manual Integrations  
 APPROVED

Ankita  
 8/5/2020 1:08:12 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 11:21:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 2020  
 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... | 3.463 | 4.010 | 39349133 | 56183646 | 19.743 | 21.480  |
| 28)                         | SA Decachlor... | 8.221 | 9.100 | 33184264 | 39968421 | 21.745 | 22.222  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.900 | 4.399 | 159.6E6  | 224.0E6  | 54.719 | 58.523m |
| 3)                          | MA gamma-BHC... | 4.184 | 4.686 | 138.7E6  | 208.5E6  | 54.665 | 57.893  |
| 4)                          | MA Heptachlor   | 4.486 | 5.197 | 132.0E6  | 208.9E6  | 56.633 | 61.381  |
| 5)                          | MB Aldrin       | 4.734 | 5.503 | 114.8E6  | 191.0E6  | 57.927 | 62.245  |
| 6)                          | B beta-BHC      | 4.435 | 4.856 | 59231083 | 96195607 | 58.403 | 63.972  |
| 7)                          | B delta-BHC     | 4.639 | 5.074 | 92642438 | 119.1E6  | 40.841 | 47.054  |
| 8)                          | B Heptachlo...  | 5.178 | 5.890 | 107.1E6  | 159.8E6  | 56.484 | 65.929  |
| 9)                          | A Endosulfan I  | 5.516 | 6.248 | 98905183 | 165.2E6  | 59.150 | 61.091  |
| 10)                         | B gamma-Chl...  | 5.405 | 6.125 | 107.5E6  | 177.2E6  | 59.329 | 62.661  |
| 11)                         | B alpha-Chl...  | 5.463 | 6.198 | 104.9E6  | 176.7E6  | 58.200 | 60.523  |
| 12)                         | B 4,4'-DDE      | 5.628 | 6.356 | 96808187 | 167.0E6  | 57.424 | 63.142  |
| 13)                         | MA Dieldrin     | 5.759 | 6.506 | 106.4E6  | 170.1E6  | 60.139 | 62.036  |
| 14)                         | MA Endrin       | 6.016 | 6.724 | 97440507 | 148.4E6  | 58.456 | 63.344  |
| 15)                         | B Endosulfa...  | 6.289 | 6.934 | 92633634 | 145.0E6  | 54.565 | 60.197  |
| 16)                         | A 4,4'-DDD      | 6.144 | 6.847 | 80341142 | 135.7E6  | 55.603 | 65.160  |
| 17)                         | MA 4,4'-DDT     | 6.385 | 7.147 | 83224299 | 133.8E6  | 60.925 | 66.183  |
| 18)                         | B Endrin al...  | 6.457 | 7.058 | 80250909 | 126.5E6  | 55.862 | 63.149  |
| 19)                         | B Endosulfa...  | 6.671 | 7.282 | 92201004 | 139.7E6  | 57.862 | 63.561  |
| 20)                         | A Methoxychlor  | 6.931 | 7.607 | 48908661 | 74191586 | 59.784 | 64.426  |
| 21)                         | B Endrin ke...  | 7.161 | 7.754 | 104.3E6  | 147.8E6  | 61.841 | 67.067  |
| 22)                         | Mirex           | 7.351 | 8.210 | 78517656 | 105.2E6  | 57.513 | 67.157  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080420\  
 Data File : PL060492.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2020 10:04  
 Operator : DD\AJ  
 Sample : L3521-07MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

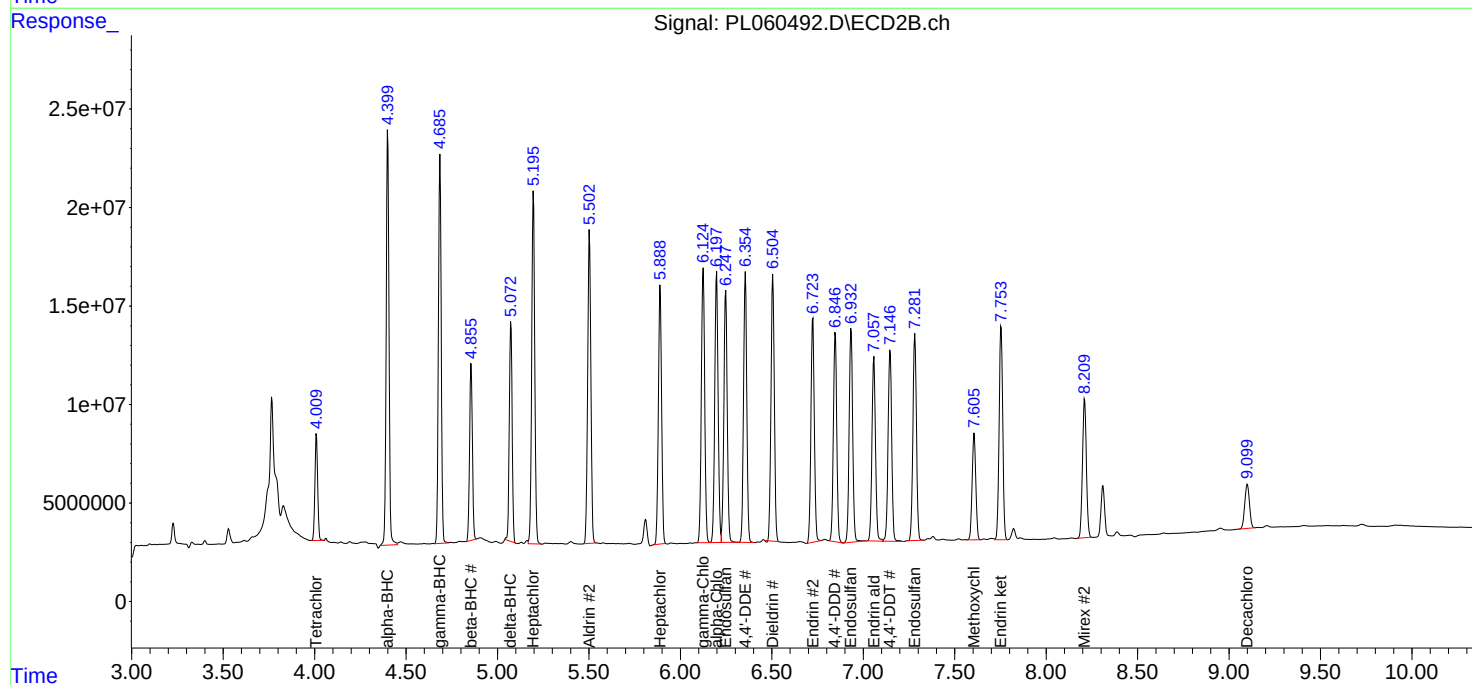
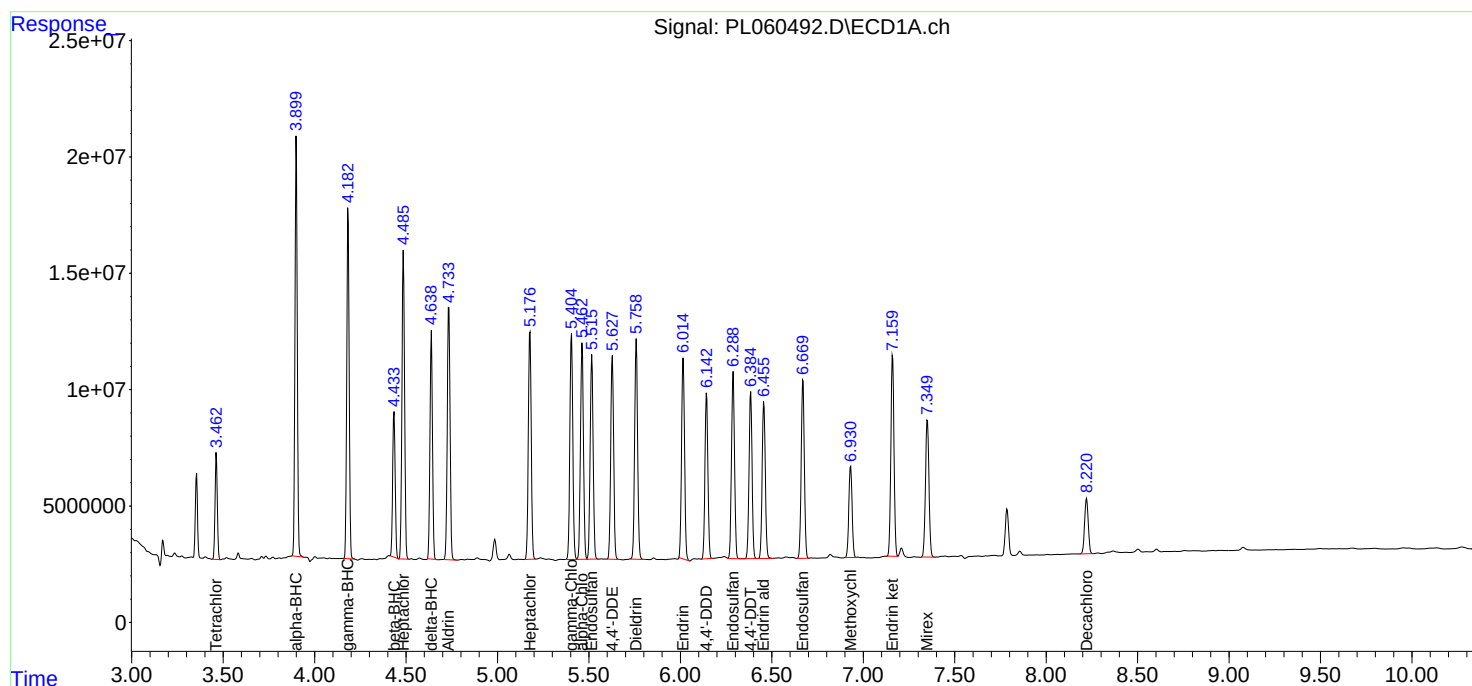
Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-CDMS

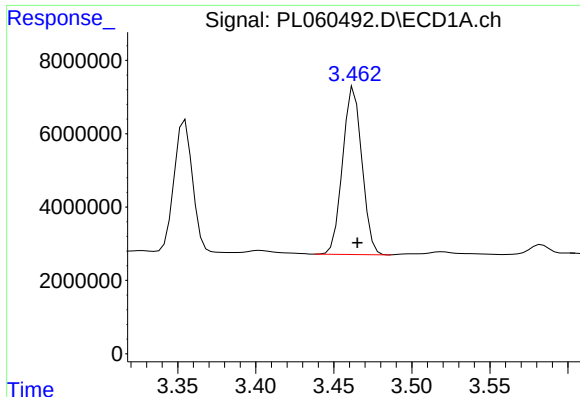
Manual Integrations  
 APPROVED

Ankita  
 8/5/2020 1:08:12 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 11:21:57 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL073020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 30 04:13:43 2020  
 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





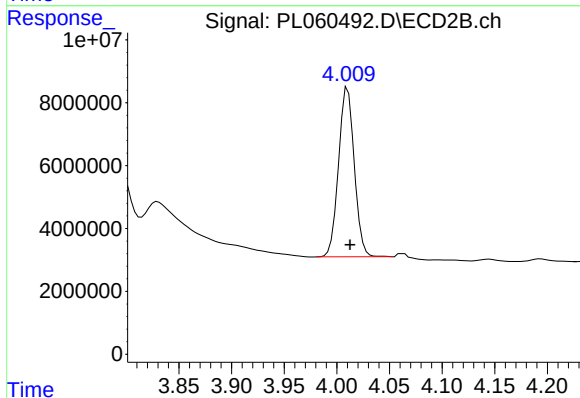
#1 Tetrachloro-m-xylene

R.T.: 3.463 min  
Delta R.T.: -0.002 min  
Response: 39349133  
Conc: 19.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

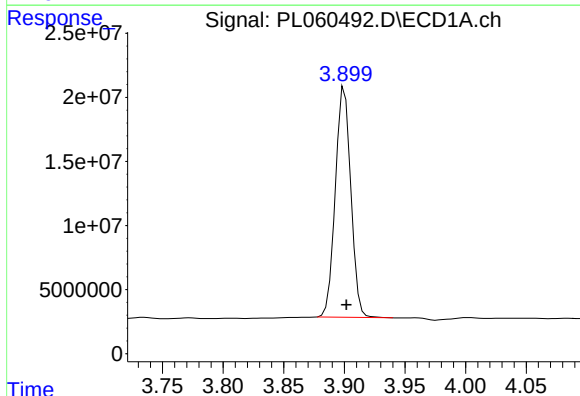
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



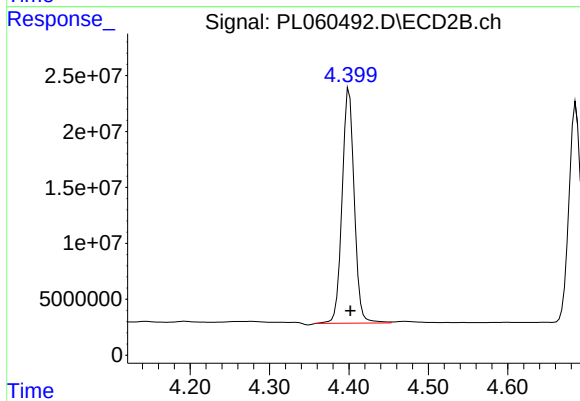
#1 Tetrachloro-m-xylene

R.T.: 4.010 min  
Delta R.T.: -0.002 min  
Response: 56183646  
Conc: 21.48 ng/ml



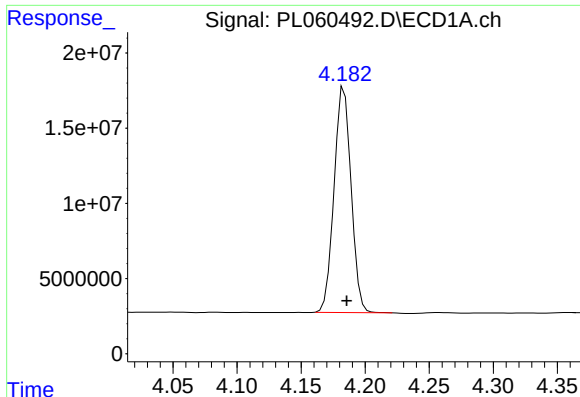
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: -0.002 min  
Response: 159588150  
Conc: 54.72 ng/ml



#2 alpha-BHC

R.T.: 4.399 min  
Delta R.T.: -0.003 min  
Response: 224006359  
Conc: 58.52 ng/ml m



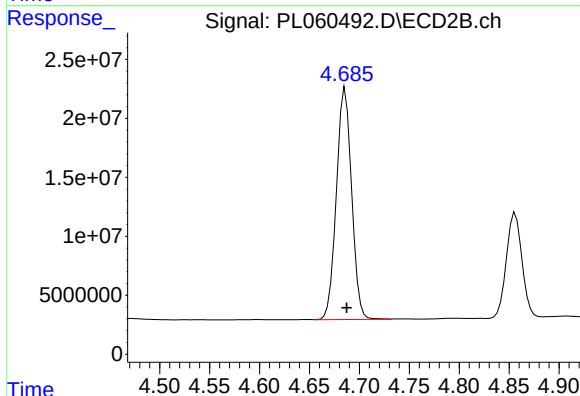
#3 gamma-BHC (Lindane)

R.T.: 4.184 min  
Delta R.T.: -0.002 min  
Response: 138731730  
Conc: 54.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

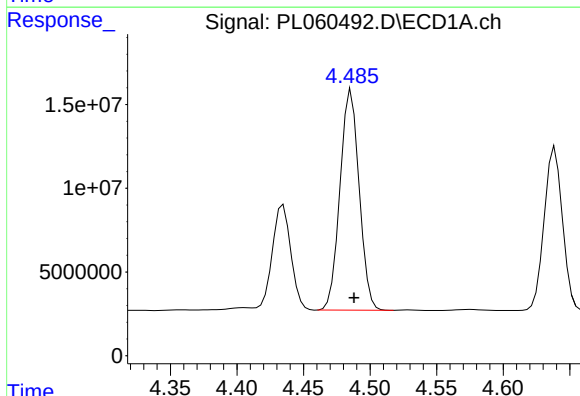
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



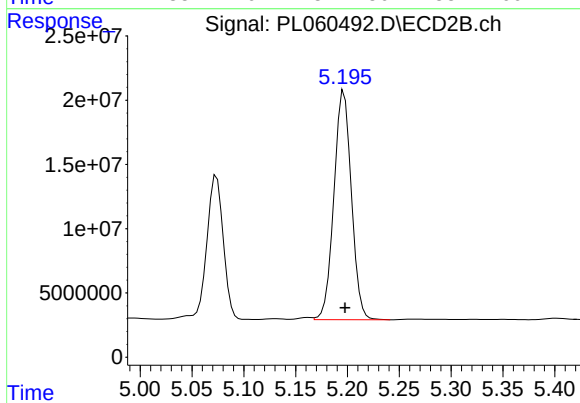
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: -0.001 min  
Response: 208488184  
Conc: 57.89 ng/ml



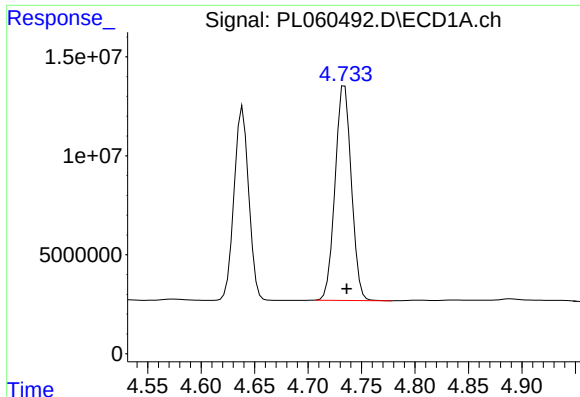
#4 Heptachlor

R.T.: 4.486 min  
Delta R.T.: -0.002 min  
Response: 131982691  
Conc: 56.63 ng/ml



#4 Heptachlor

R.T.: 5.197 min  
Delta R.T.: -0.001 min  
Response: 208918031  
Conc: 61.38 ng/ml



#5 Aldrin

R.T.: 4.734 min

Delta R.T.: -0.002 min

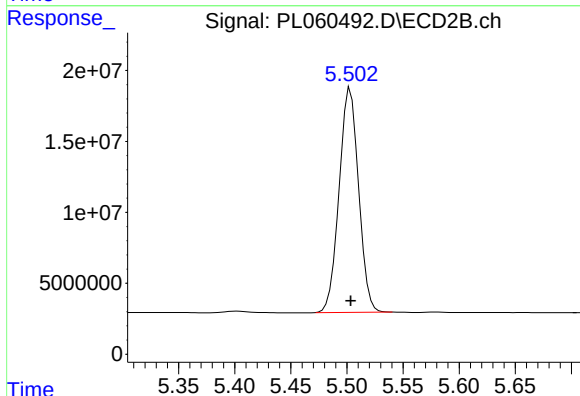
Response: 114821335

Conc: 57.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



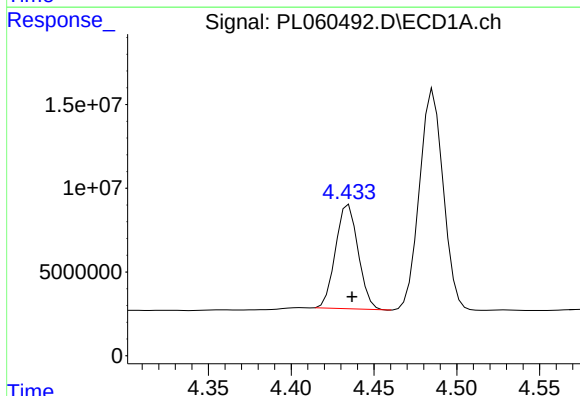
#5 Aldrin

R.T.: 5.503 min

Delta R.T.: 0.000 min

Response: 191020002

Conc: 62.25 ng/ml



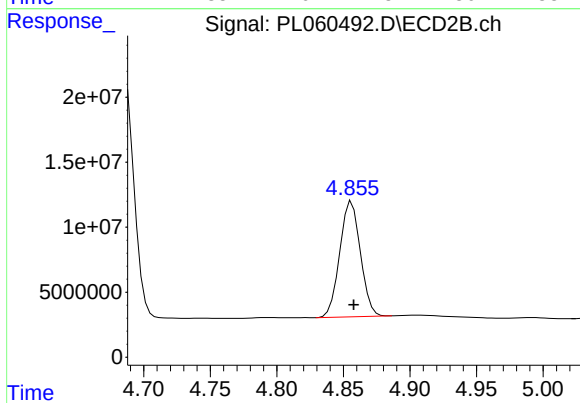
#6 beta-BHC

R.T.: 4.435 min

Delta R.T.: -0.002 min

Response: 59231083

Conc: 58.40 ng/ml



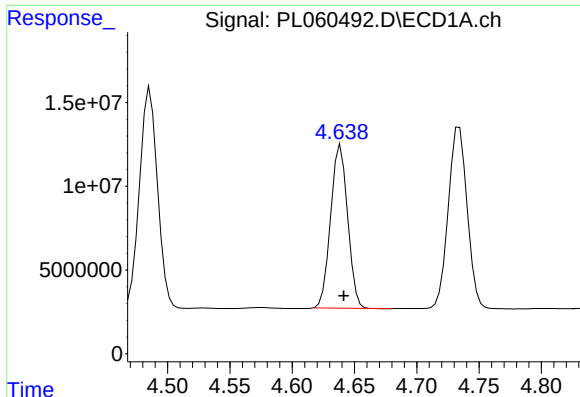
#6 beta-BHC

R.T.: 4.856 min

Delta R.T.: -0.001 min

Response: 96195607

Conc: 63.97 ng/ml



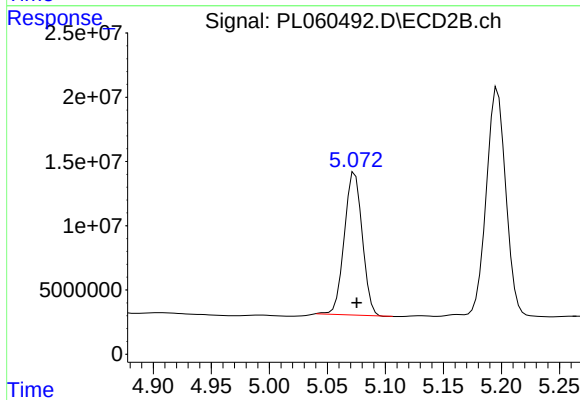
#7 delta-BHC

R.T.: 4.639 min  
Delta R.T.: -0.002 min  
Response: 92642438  
Conc: 40.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

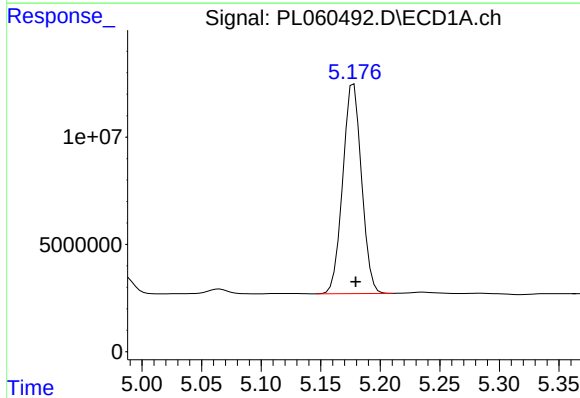
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



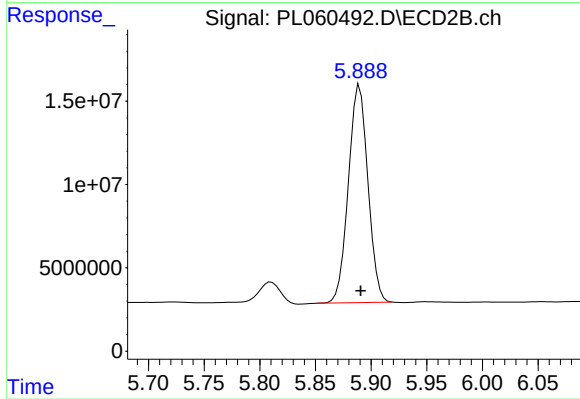
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 119105540  
Conc: 47.05 ng/ml



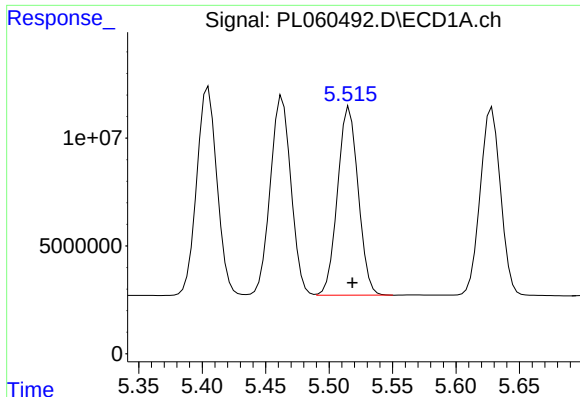
#8 Heptachlor epoxide

R.T.: 5.178 min  
Delta R.T.: -0.002 min  
Response: 107078756  
Conc: 56.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 159751847  
Conc: 65.93 ng/ml



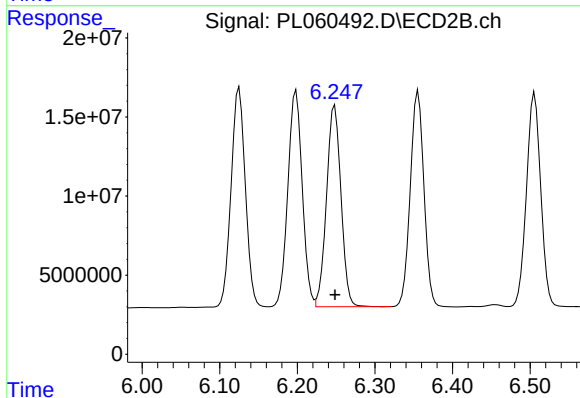
#9 Endosulfan I

R.T.: 5.516 min  
Delta R.T.: -0.002 min  
Response: 98905183  
Conc: 59.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

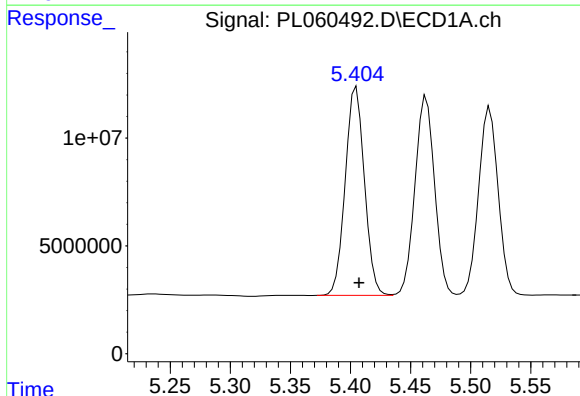
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



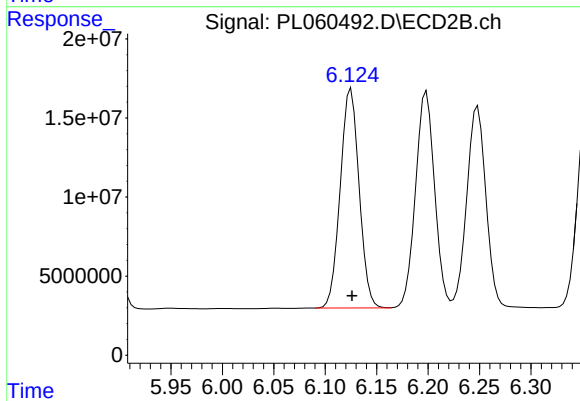
#9 Endosulfan I

R.T.: 6.248 min  
Delta R.T.: 0.000 min  
Response: 165193924  
Conc: 61.09 ng/ml



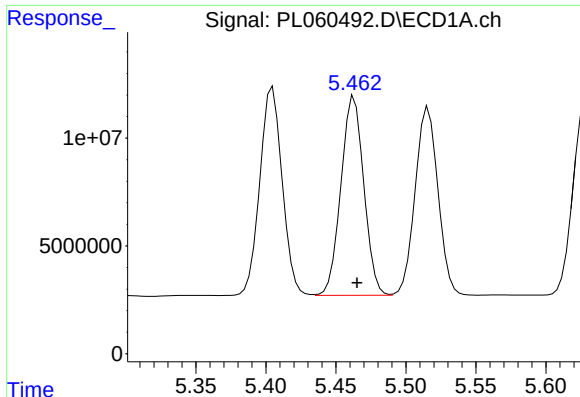
#10 gamma-Chlordane

R.T.: 5.405 min  
Delta R.T.: -0.002 min  
Response: 107495323  
Conc: 59.33 ng/ml



#10 gamma-Chlordane

R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 177177598  
Conc: 62.66 ng/ml



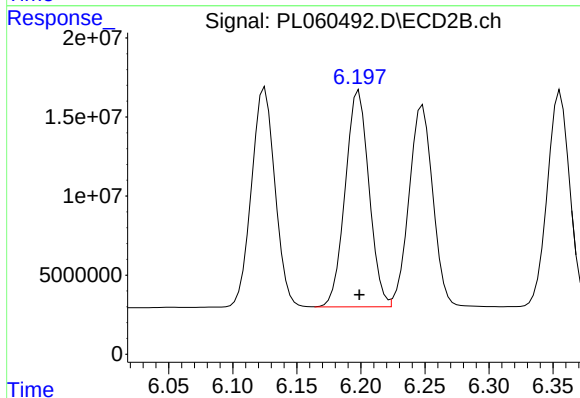
#11 alpha-Chlordane

R.T.: 5.463 min  
Delta R.T.: -0.002 min  
Response: 104880159  
Conc: 58.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

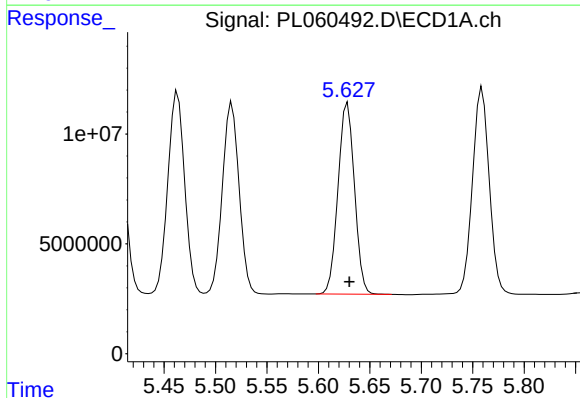
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



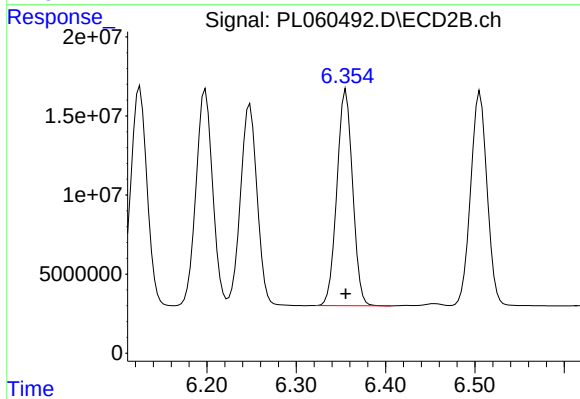
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 176690238  
Conc: 60.52 ng/ml



#12 4,4'-DDE

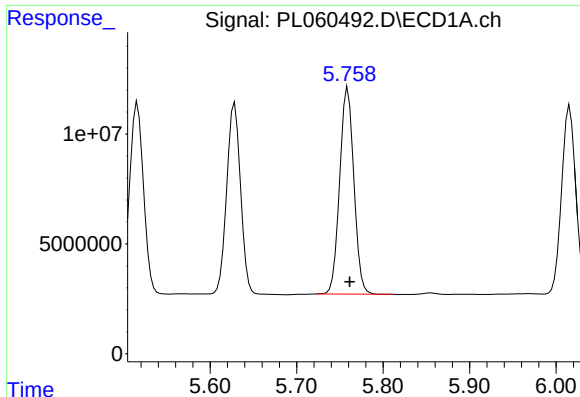
R.T.: 5.628 min  
Delta R.T.: -0.002 min  
Response: 96808187  
Conc: 57.42 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 167011985  
Conc: 63.14 ng/ml





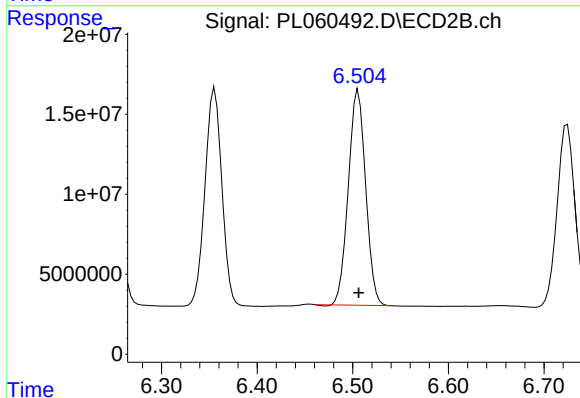
#13 Dieldrin

R.T.: 5.759 min  
Delta R.T.: -0.002 min  
Response: 106440227  
Conc: 60.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

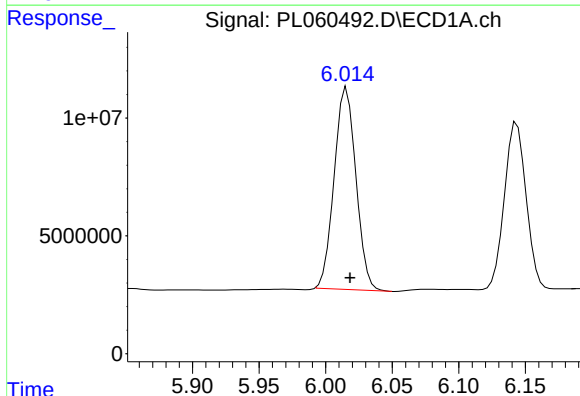
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



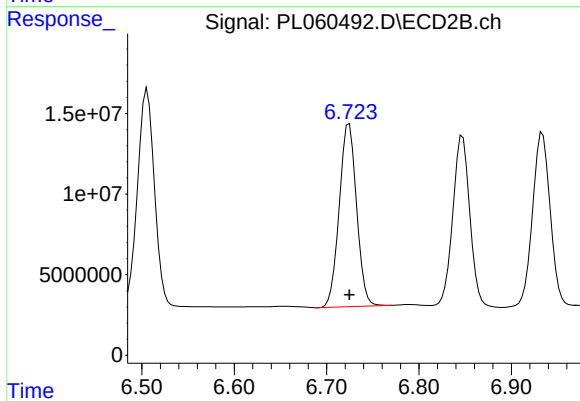
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.000 min  
Response: 170105884  
Conc: 62.04 ng/ml



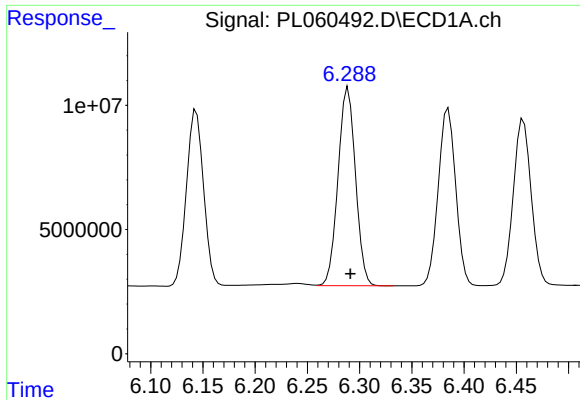
#14 Endrin

R.T.: 6.016 min  
Delta R.T.: -0.003 min  
Response: 97440507  
Conc: 58.46 ng/ml



#14 Endrin

R.T.: 6.724 min  
Delta R.T.: 0.000 min  
Response: 148354858  
Conc: 63.34 ng/ml



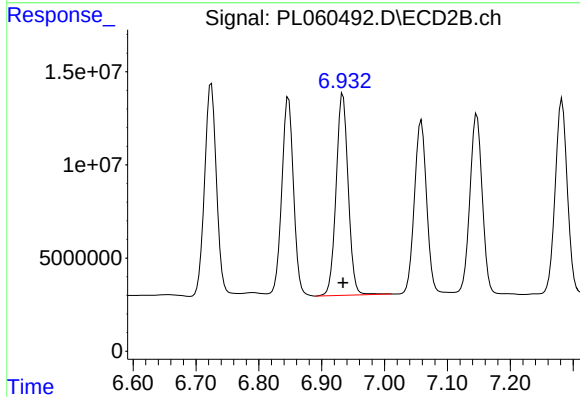
#15 Endosulfan II

R.T.: 6.289 min  
Delta R.T.: -0.002 min  
Response: 92633634  
Conc: 54.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

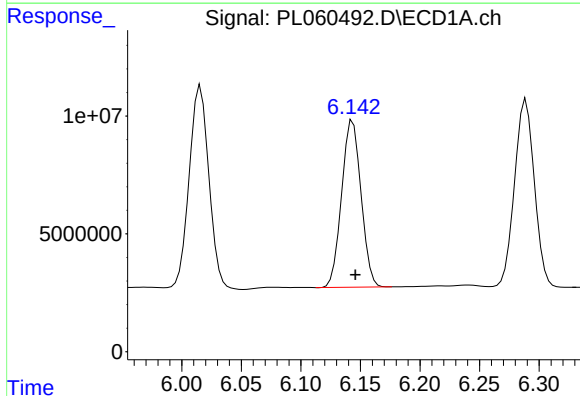
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



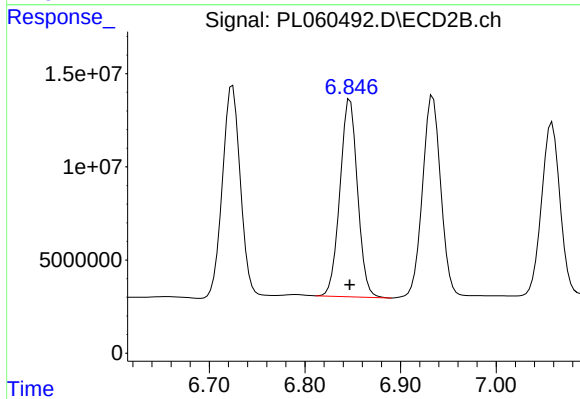
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: 0.000 min  
Response: 144994959  
Conc: 60.20 ng/ml



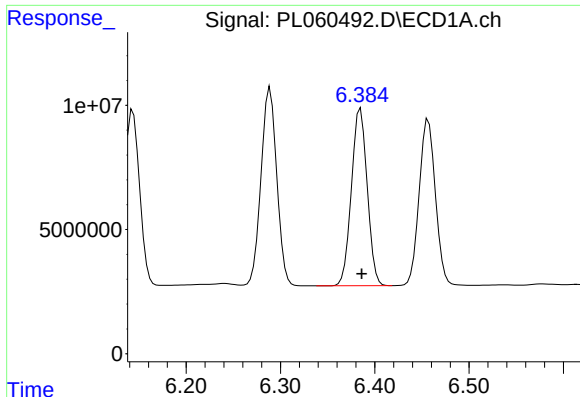
#16 4,4'-DDD

R.T.: 6.144 min  
Delta R.T.: -0.002 min  
Response: 80341142  
Conc: 55.60 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 135741059  
Conc: 65.16 ng/ml



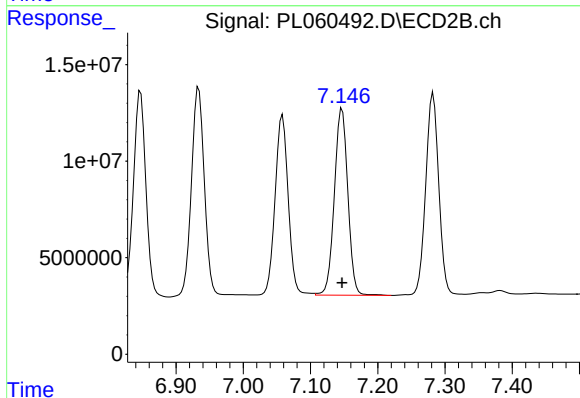
#17 4,4'-DDT

R.T.: 6.385 min  
Delta R.T.: -0.001 min  
Response: 83224299  
Conc: 60.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

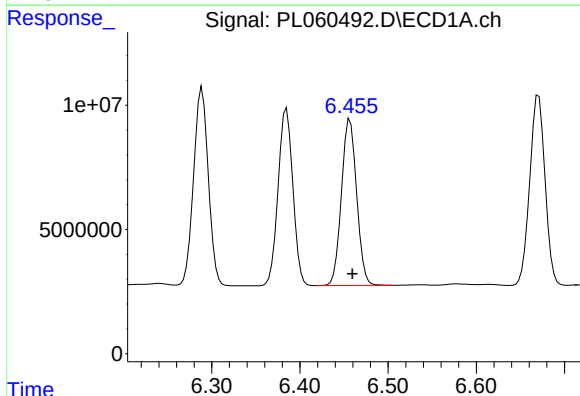
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



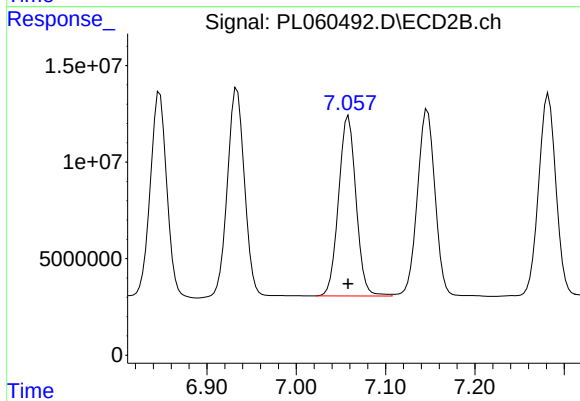
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 133849769  
Conc: 66.18 ng/ml



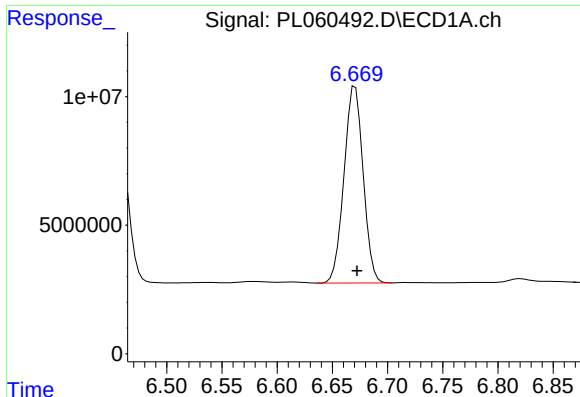
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: -0.002 min  
Response: 80250909  
Conc: 55.86 ng/ml



#18 Endrin aldehyde

R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 126530371  
Conc: 63.15 ng/ml



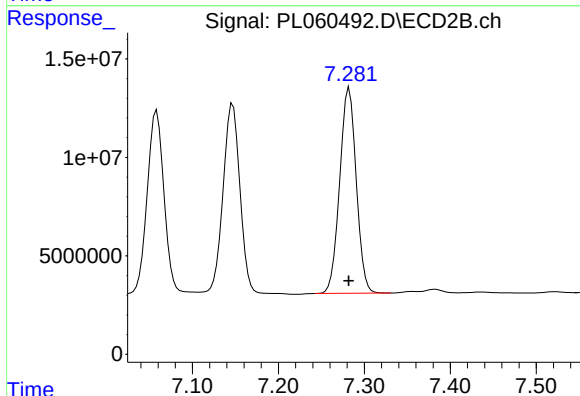
#19 Endosulfan Sulfate

R.T.: 6.671 min  
Delta R.T.: -0.002 min  
Response: 92201004  
Conc: 57.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

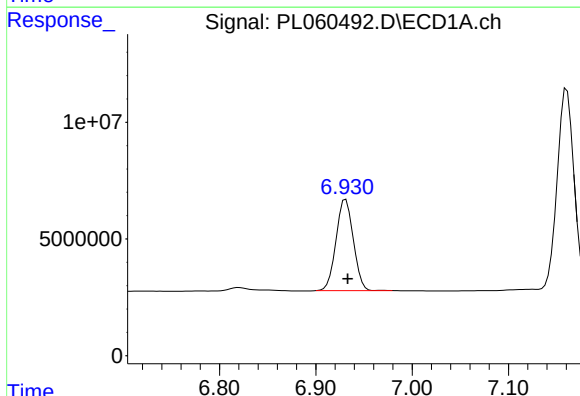
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



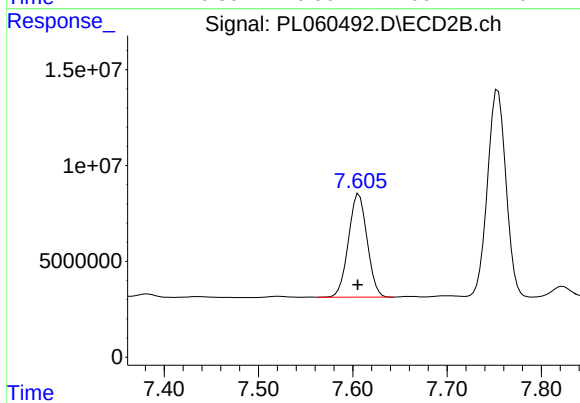
#19 Endosulfan Sulfate

R.T.: 7.282 min  
Delta R.T.: 0.000 min  
Response: 139735955  
Conc: 63.56 ng/ml



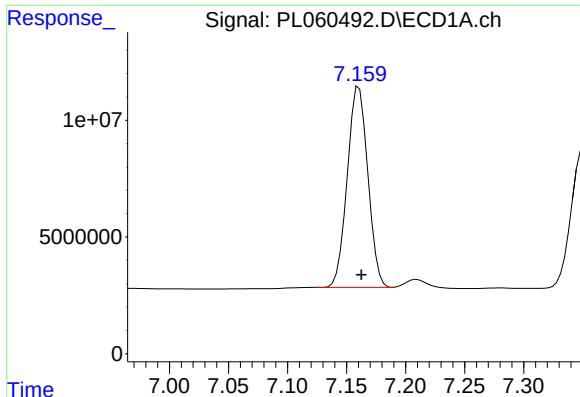
#20 Methoxychlor

R.T.: 6.931 min  
Delta R.T.: -0.002 min  
Response: 48908661  
Conc: 59.78 ng/ml



#20 Methoxychlor

R.T.: 7.607 min  
Delta R.T.: 0.001 min  
Response: 74191586  
Conc: 64.43 ng/ml



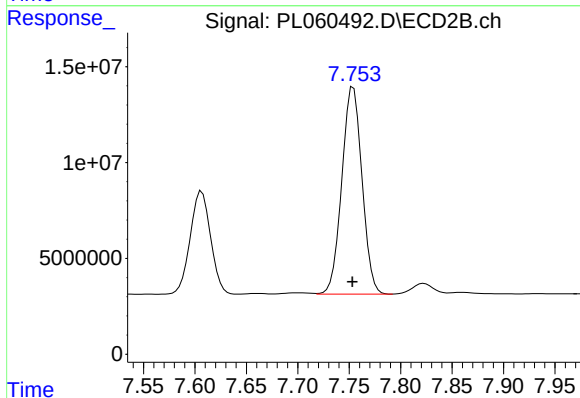
#21 Endrin ketone

R.T.: 7.161 min  
Delta R.T.: -0.002 min  
Response: 104261024  
Conc: 61.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

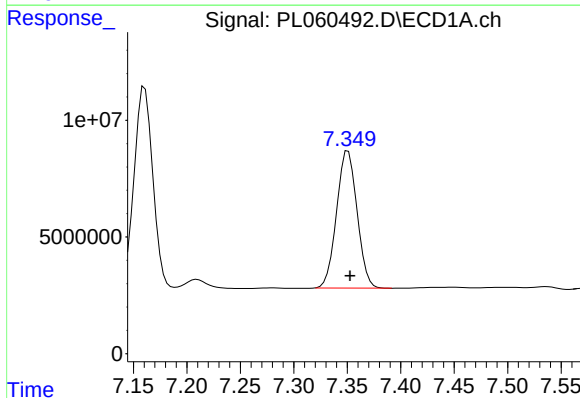
Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



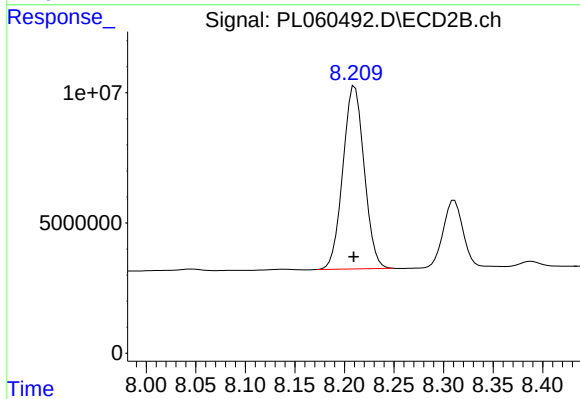
#21 Endrin ketone

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 147801587  
Conc: 67.07 ng/ml



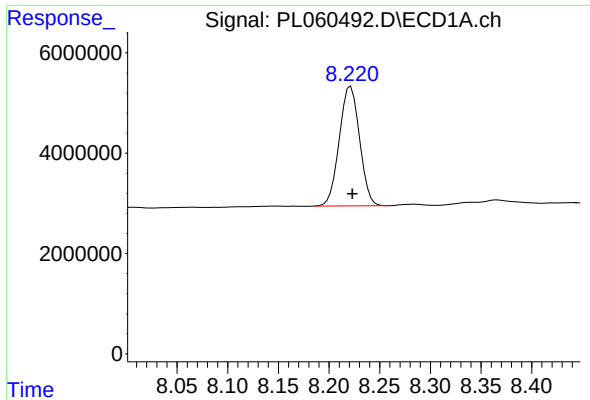
#22 Mirex

R.T.: 7.351 min  
Delta R.T.: -0.002 min  
Response: 78517656  
Conc: 57.51 ng/ml



#22 Mirex

R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 105164766  
Conc: 67.16 ng/ml



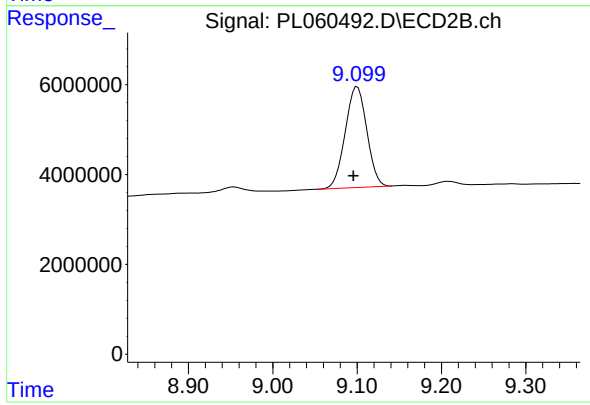
#28 Decachlorobiphenyl

R.T.: 8.221 min  
Delta R.T.: -0.002 min  
Response: 33184264  
Conc: 21.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-CDMS

Manual Integrations  
APPROVED

Ankita  
8/5/2020 1:08:12 PM



#28 Decachlorobiphenyl

R.T.: 9.100 min  
Delta R.T.: 0.005 min  
Response: 39968421  
Conc: 22.22 ng/ml