

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072020\  
 Data File : PL060047.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jul 2020 18:37  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Ankita  
 7/21/2020 10:38:28 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 21 01:25:44 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.466 | 4.013 | 97448081 | 135.9E6  | 50.381 | 51.285  |
| 28)                         | SA Decachlor... | 8.226 | 9.102 | 81518360 | 98685949 | 49.552 | 47.187  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.903 | 4.402 | 145.6E6  | 200.6E6  | 50.660 | 51.957  |
| 3)                          | MA gamma-BHC... | 4.186 | 4.687 | 128.9E6  | 188.6E6  | 52.198 | 52.008  |
| 4)                          | MA Heptachlor   | 4.489 | 5.199 | 120.2E6  | 178.7E6  | 53.607 | 53.123  |
| 5)                          | MB Aldrin       | 4.737 | 5.505 | 102.4E6  | 162.1E6  | 51.882 | 52.037  |
| 6)                          | B beta-BHC      | 4.437 | 4.858 | 51649117 | 78736007 | 50.574 | 52.080  |
| 7)                          | B delta-BHC     | 4.642 | 5.075 | 116.1E6  | 154.3E6  | 52.241 | 49.509  |
| 8)                          | B Heptachlo...  | 5.181 | 5.893 | 95042206 | 138.2E6  | 51.780 | 51.313  |
| 9)                          | A Endosulfan I  | 5.520 | 6.250 | 87156802 | 138.1E6  | 51.809 | 51.784  |
| 10)                         | B gamma-Chl...  | 5.409 | 6.127 | 93699257 | 151.5E6  | 51.649 | 52.889  |
| 11)                         | B alpha-Chl...  | 5.467 | 6.200 | 93449794 | 150.3E6  | 51.822 | 52.574  |
| 12)                         | B 4,4'-DDE      | 5.633 | 6.357 | 87038977 | 138.4E6  | 52.265 | 51.715  |
| 13)                         | MA Dieldrin     | 5.763 | 6.508 | 91675602 | 142.5E6  | 51.954 | 51.519  |
| 14)                         | MA Endrin       | 6.020 | 6.726 | 85308595 | 125.4E6  | 58.608 | 58.904  |
| 15)                         | B Endosulfa...  | 6.293 | 6.934 | 84051712 | 124.0E6  | 50.326 | 49.368m |
| 16)                         | A 4,4'-DDD      | 6.148 | 6.847 | 73692106 | 111.6E6  | 48.274 | 48.600m |
| 17)                         | MA 4,4'-DDT     | 6.389 | 7.148 | 74949671 | 113.8E6  | 57.646 | 57.799  |
| 18)                         | B Endrin al...  | 6.462 | 7.060 | 70642692 | 106.9E6  | 49.519 | 49.237  |
| 19)                         | B Endosulfa...  | 6.674 | 7.283 | 80417592 | 117.4E6  | 48.922 | 50.207  |
| 20)                         | A Methoxychlor  | 6.936 | 7.608 | 43068295 | 62669848 | 57.579 | 55.204  |
| 21)                         | B Endrin ke...  | 7.164 | 7.755 | 90105036 | 122.9E6  | 48.011 | 47.574  |
| 22)                         | Mirex           | 7.355 | 8.212 | 70687976 | 89751809 | 49.687 | 48.561  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072020\  
Data File : PL060047.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jul 2020 18:37  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

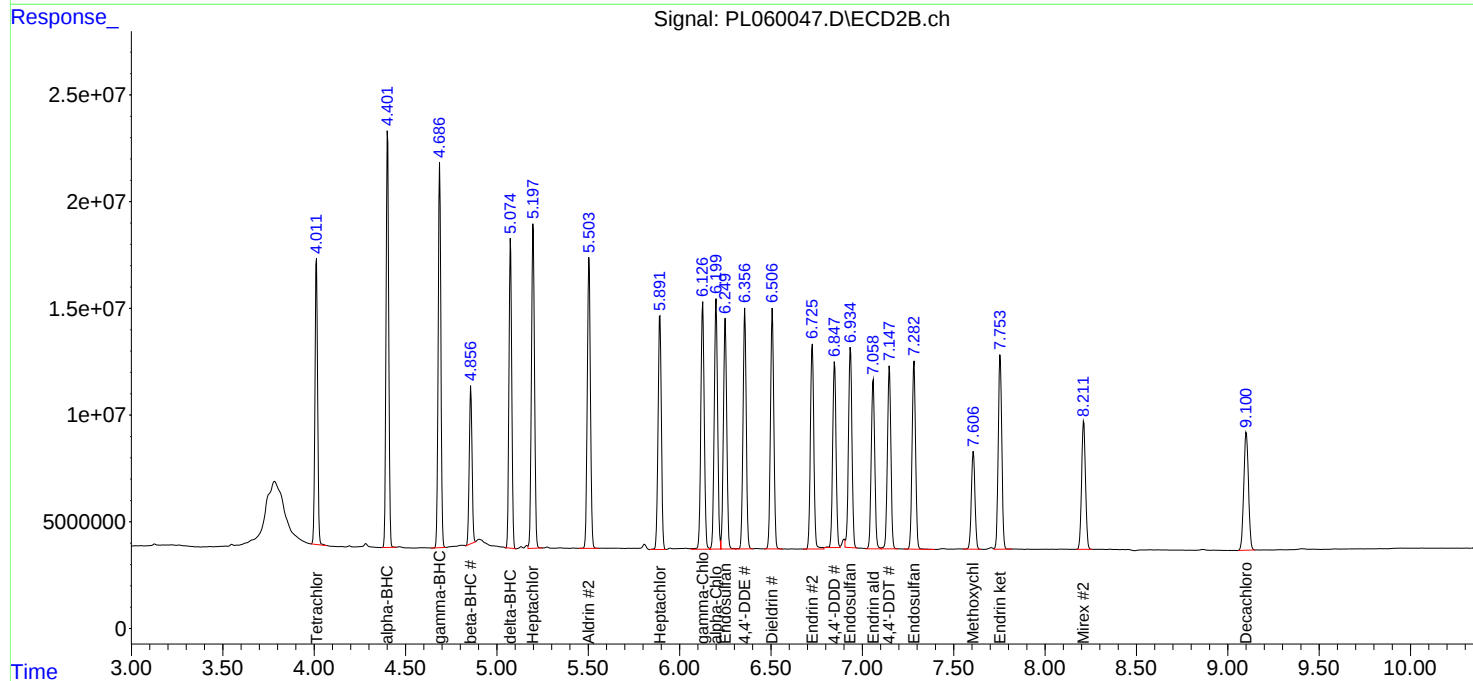
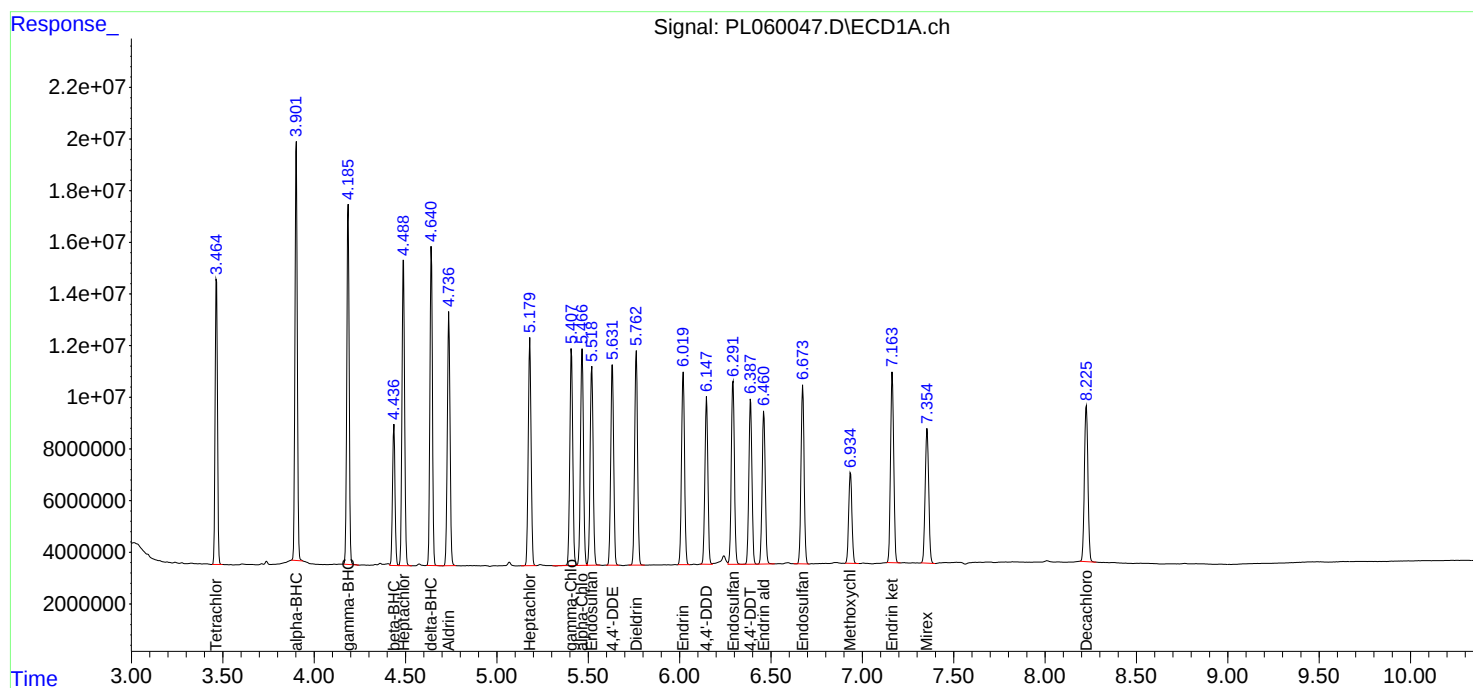
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

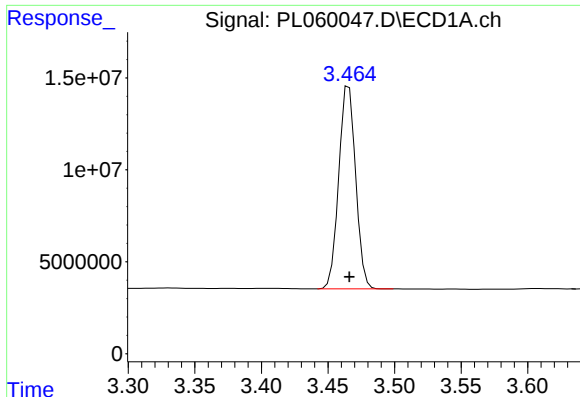
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 21 01:25:44 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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





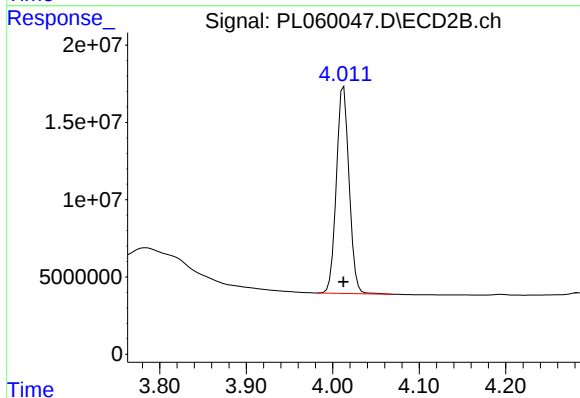
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: 0.000 min  
Response: 97448081  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

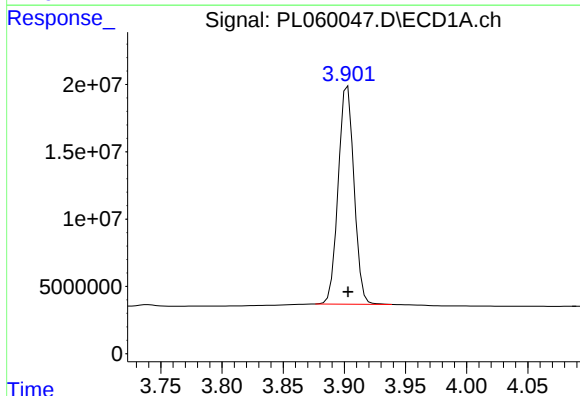
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



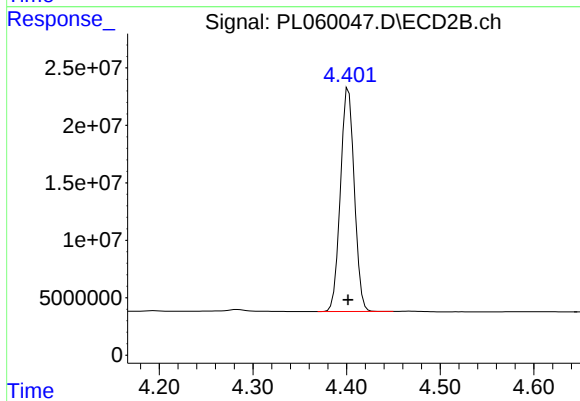
#1 Tetrachloro-m-xylene

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 135914782  
Conc: 51.28 ng/ml



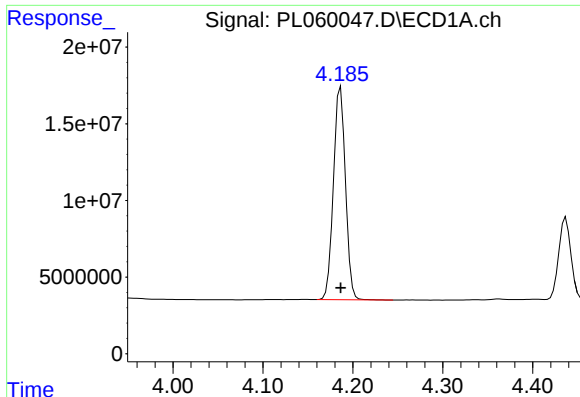
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 145611970  
Conc: 50.66 ng/ml



#2 alpha-BHC

R.T.: 4.402 min  
Delta R.T.: 0.000 min  
Response: 200581940  
Conc: 51.96 ng/ml



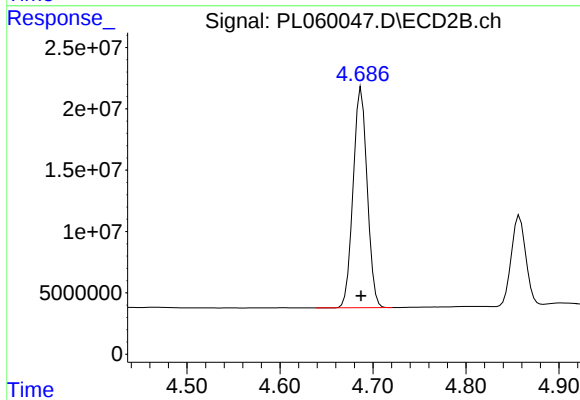
#3 gamma-BHC (Lindane)

R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 128908140  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

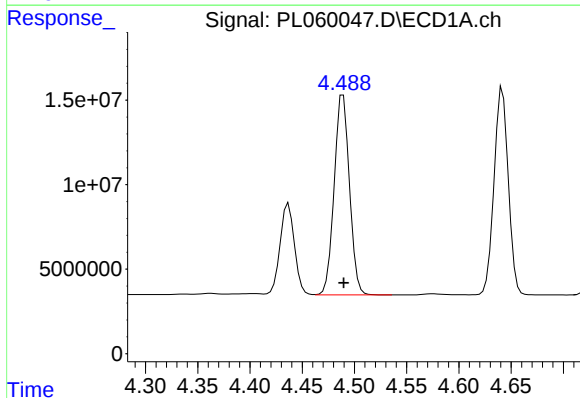
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



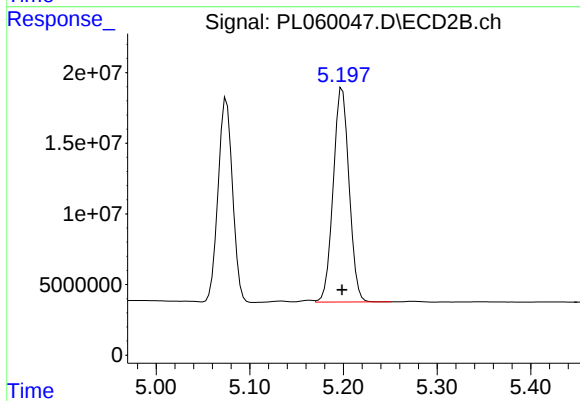
#3 gamma-BHC (Lindane)

R.T.: 4.687 min  
Delta R.T.: 0.000 min  
Response: 188630254  
Conc: 52.01 ng/ml



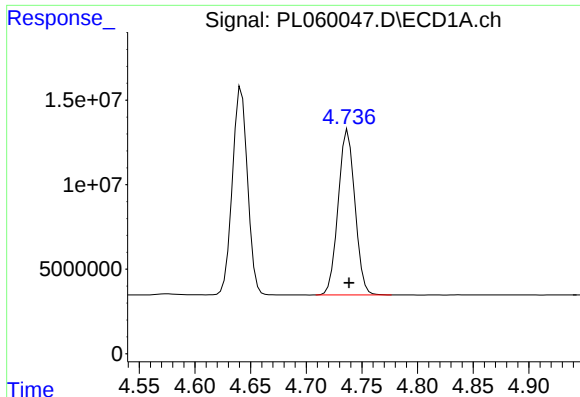
#4 Heptachlor

R.T.: 4.489 min  
Delta R.T.: 0.000 min  
Response: 120226207  
Conc: 53.61 ng/ml



#4 Heptachlor

R.T.: 5.199 min  
Delta R.T.: 0.000 min  
Response: 178710515  
Conc: 53.12 ng/ml



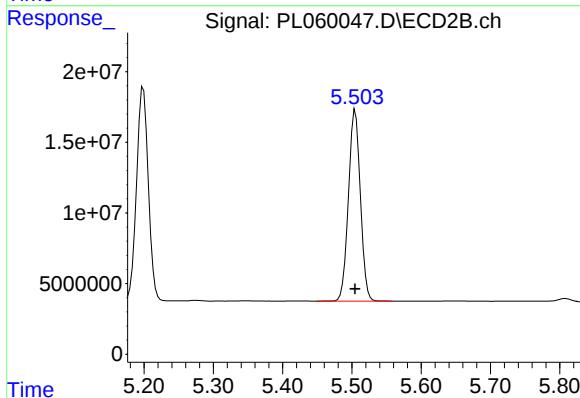
#5 Aldrin

R.T.: 4.737 min  
Delta R.T.: 0.000 min  
Response: 102376972  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

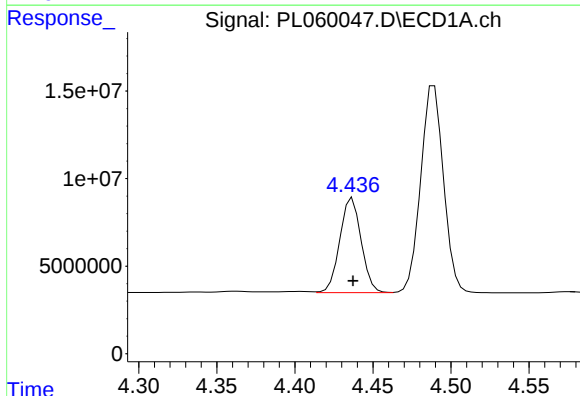
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



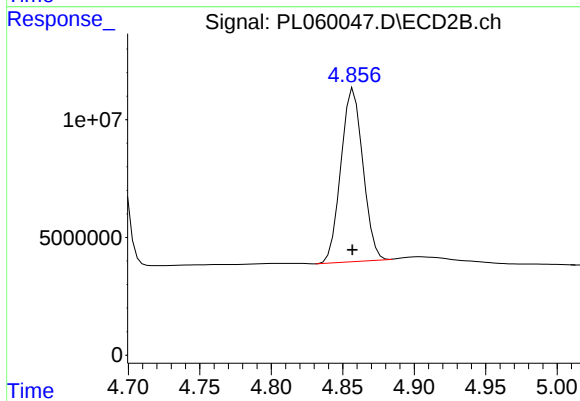
#5 Aldrin

R.T.: 5.505 min  
Delta R.T.: 0.000 min  
Response: 162082220  
Conc: 52.04 ng/ml



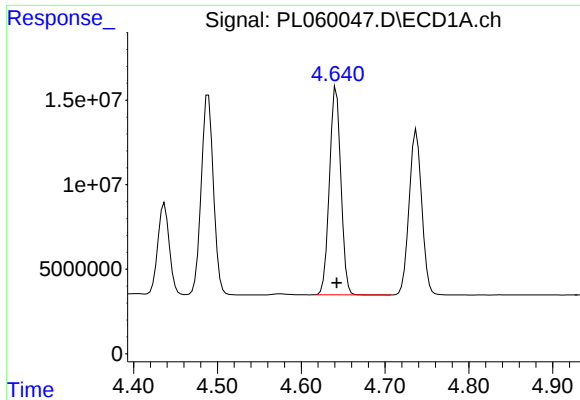
#6 beta-BHC

R.T.: 4.437 min  
Delta R.T.: 0.000 min  
Response: 51649117  
Conc: 50.57 ng/ml



#6 beta-BHC

R.T.: 4.858 min  
Delta R.T.: 0.001 min  
Response: 78736007  
Conc: 52.08 ng/ml



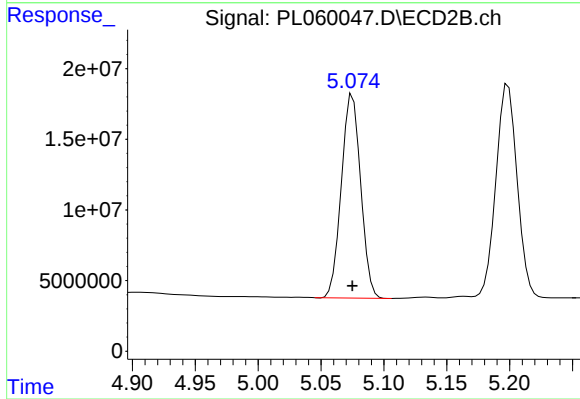
#7 delta-BHC

R.T.: 4.642 min  
Delta R.T.: 0.000 min  
Response: 116134159  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

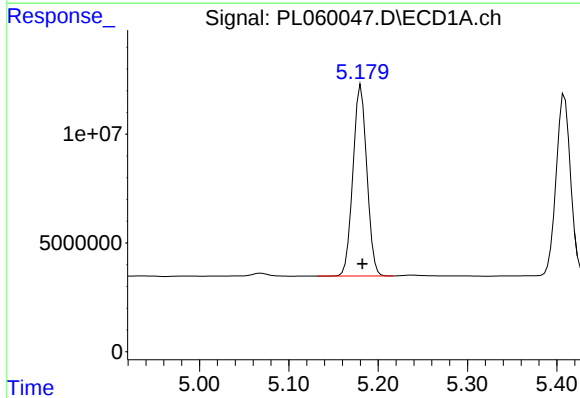
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



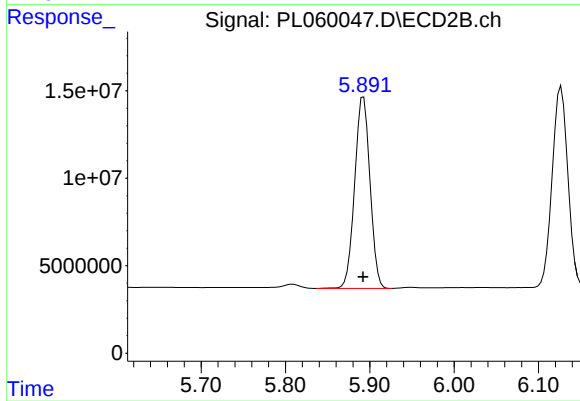
#7 delta-BHC

R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 154255317  
Conc: 49.51 ng/ml



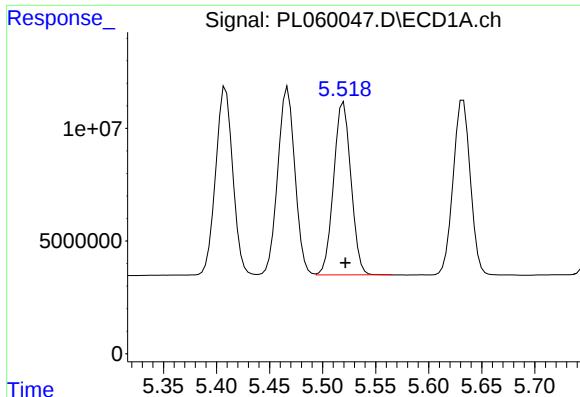
#8 Heptachlor epoxide

R.T.: 5.181 min  
Delta R.T.: -0.002 min  
Response: 95042206  
Conc: 51.78 ng/ml



#8 Heptachlor epoxide

R.T.: 5.893 min  
Delta R.T.: 0.000 min  
Response: 138196733  
Conc: 51.31 ng/ml



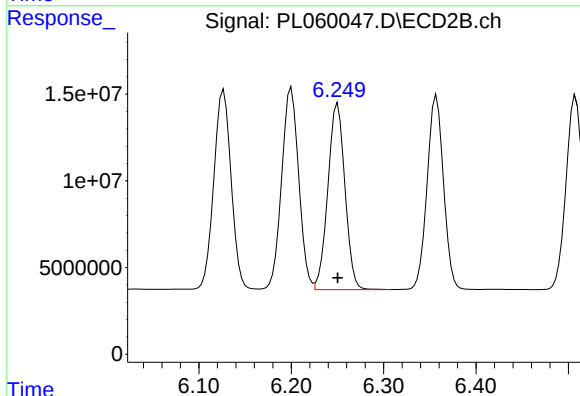
#9 Endosulfan I

R.T.: 5.520 min  
Delta R.T.: -0.002 min  
Response: 87156802  
Conc: 51.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

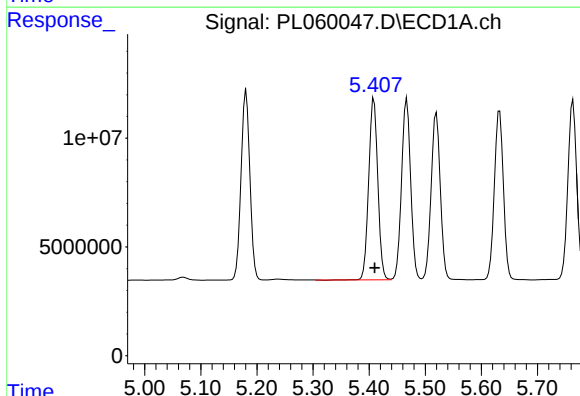
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



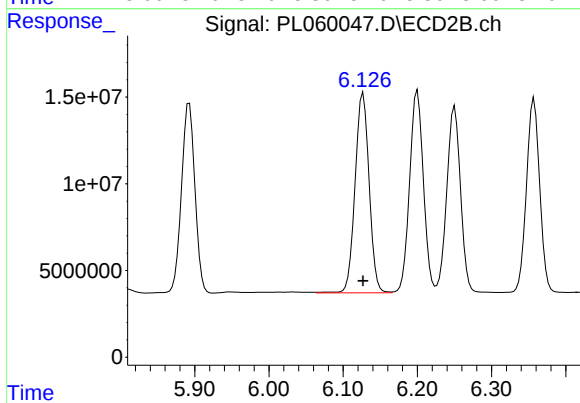
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 138123558  
Conc: 51.78 ng/ml



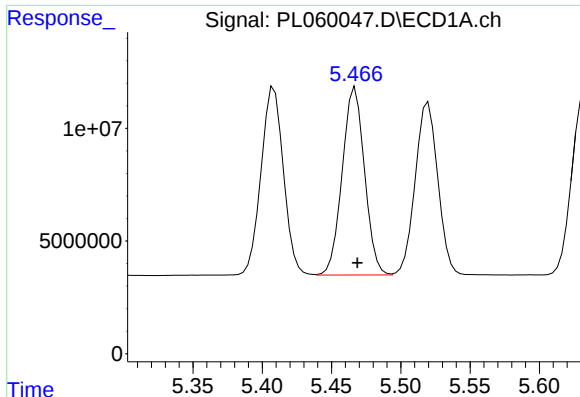
#10 gamma-Chlordane

R.T.: 5.409 min  
Delta R.T.: -0.001 min  
Response: 93699257  
Conc: 51.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 151453080  
Conc: 52.89 ng/ml



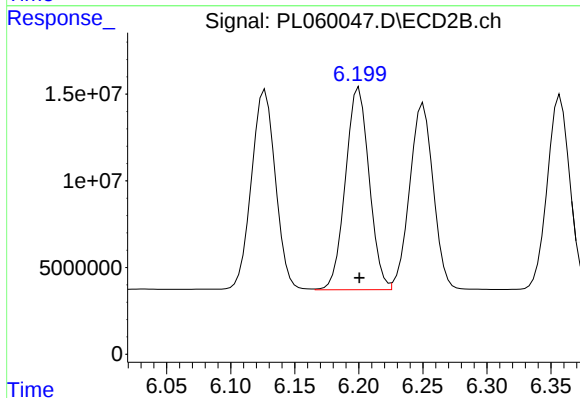
#11 alpha-Chlordane

R.T.: 5.467 min  
Delta R.T.: -0.001 min  
Response: 93449794  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

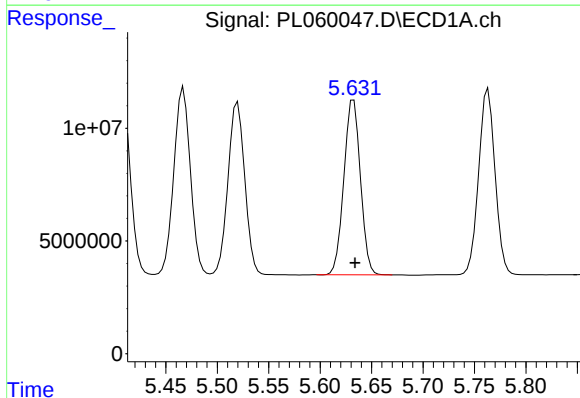
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



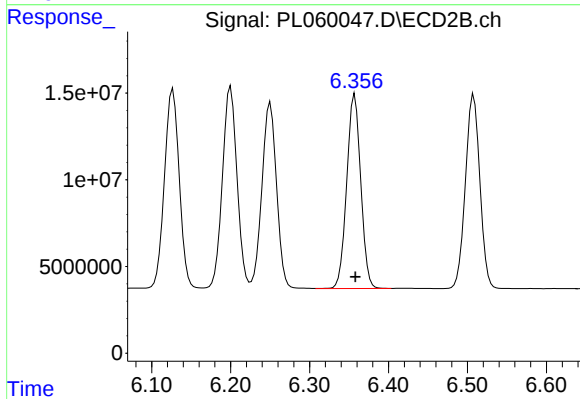
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 150323719  
Conc: 52.57 ng/ml



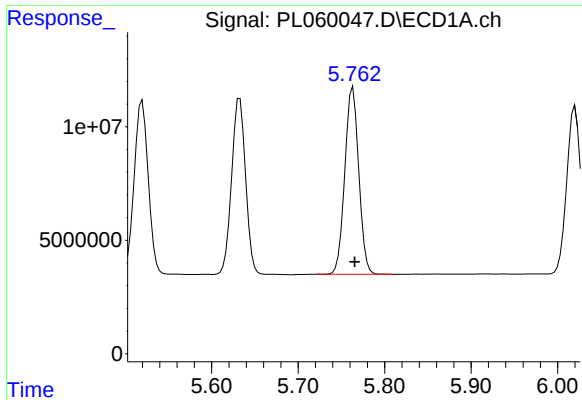
#12 4,4'-DDE

R.T.: 5.633 min  
Delta R.T.: -0.002 min  
Response: 87038977  
Conc: 52.26 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 138423256  
Conc: 51.71 ng/ml



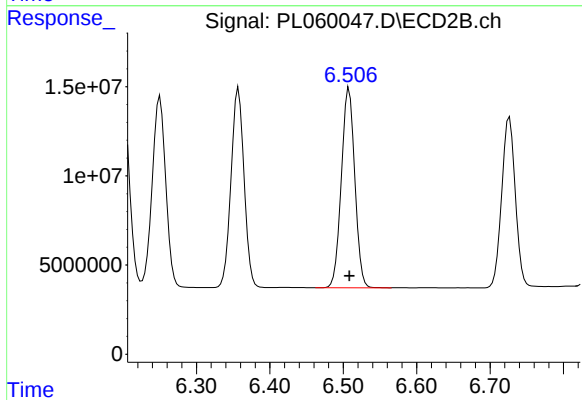
#13 Dieldrin

R.T.: 5.763 min  
Delta R.T.: -0.002 min  
Response: 91675602  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

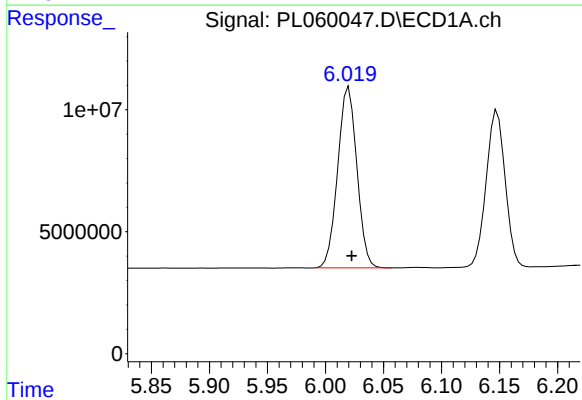
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



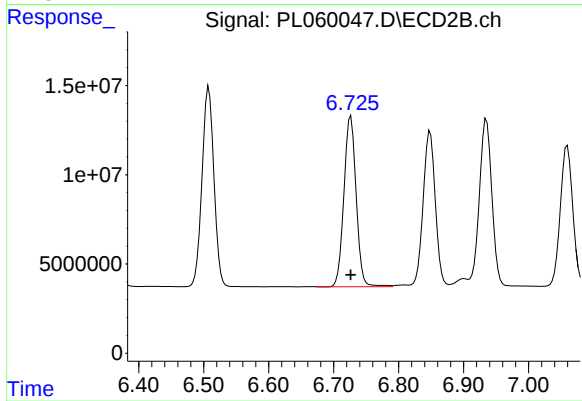
#13 Dieldrin

R.T.: 6.508 min  
Delta R.T.: 0.000 min  
Response: 142514275  
Conc: 51.52 ng/ml



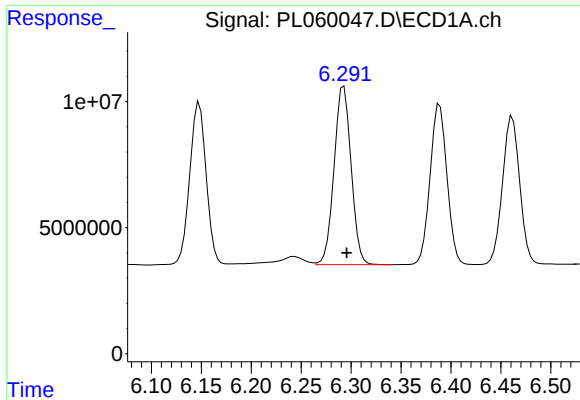
#14 Endrin

R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 85308595  
Conc: 58.61 ng/ml



#14 Endrin

R.T.: 6.726 min  
Delta R.T.: 0.000 min  
Response: 125352423  
Conc: 58.90 ng/ml



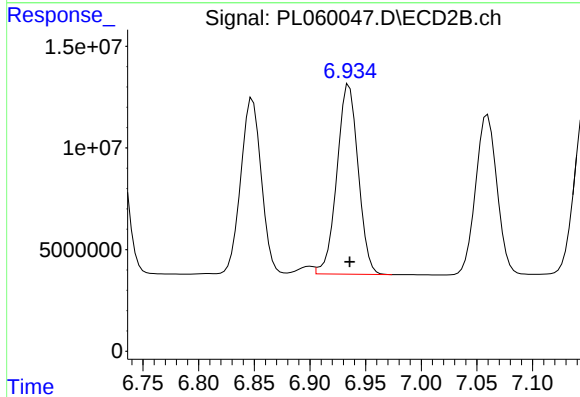
#15 Endosulfan II

R.T.: 6.293 min  
Delta R.T.: -0.003 min  
Response: 84051712  
Conc: 50.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

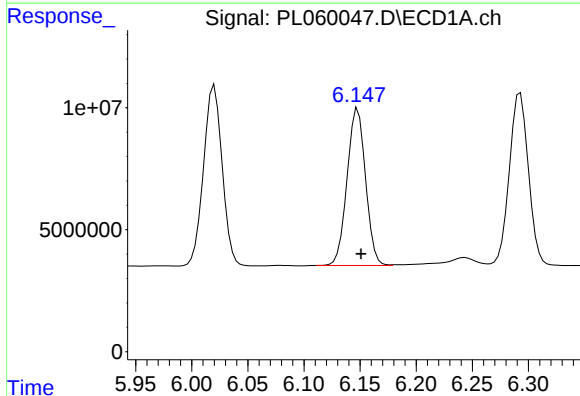
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



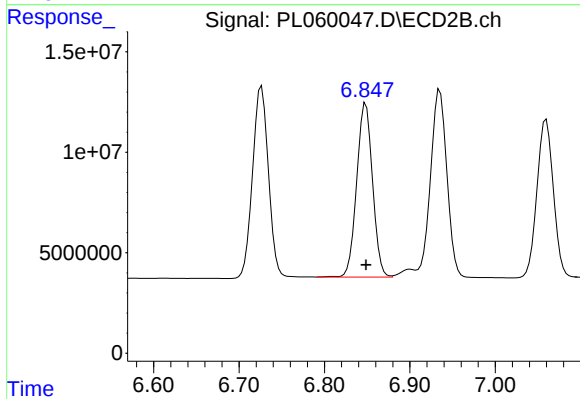
#15 Endosulfan II

R.T.: 6.934 min  
Delta R.T.: -0.002 min  
Response: 123992429  
Conc: 49.37 ng/ml m



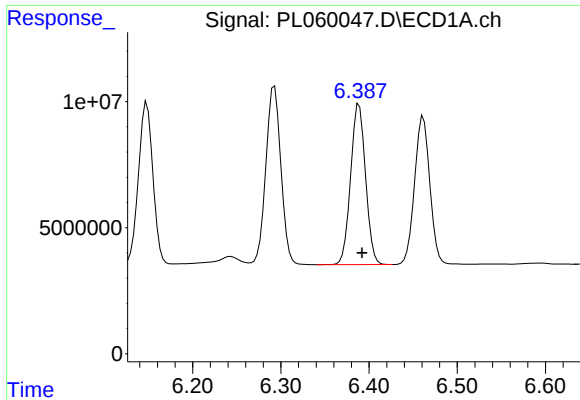
#16 4,4'-DDD

R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 73692106  
Conc: 48.27 ng/ml



#16 4,4'-DDD

R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 111561008  
Conc: 48.60 ng/ml m



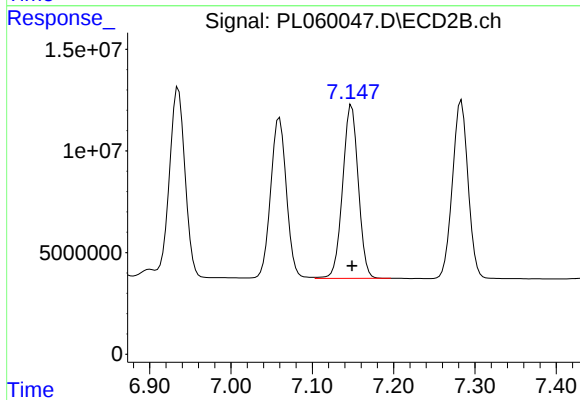
#17 4,4'-DDT

R.T.: 6.389 min  
Delta R.T.: -0.003 min  
Response: 74949671  
Conc: 57.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

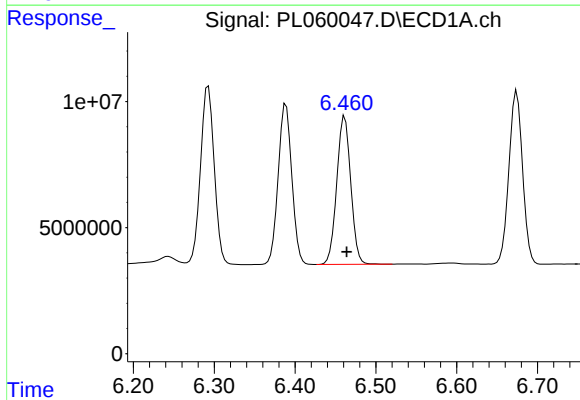
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



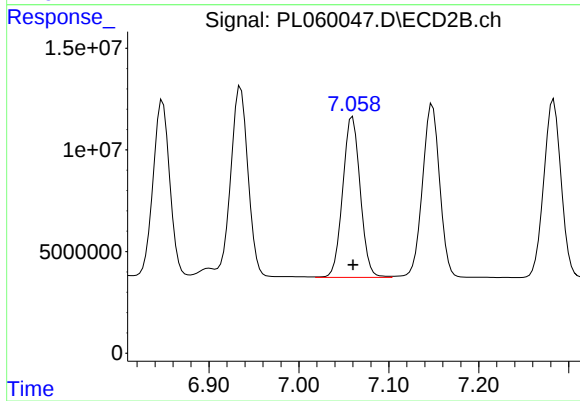
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 113810069  
Conc: 57.80 ng/ml



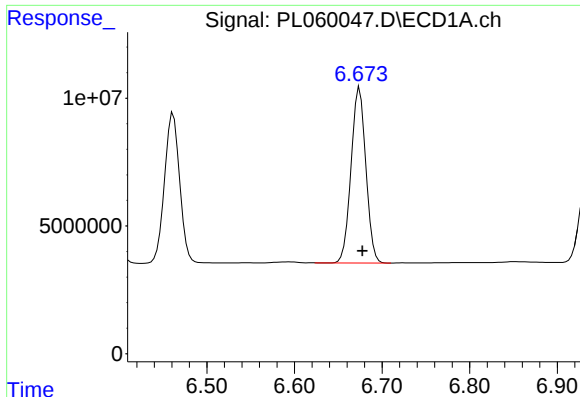
#18 Endrin aldehyde

R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 70642692  
Conc: 49.52 ng/ml



#18 Endrin aldehyde

R.T.: 7.060 min  
Delta R.T.: 0.000 min  
Response: 106935344  
Conc: 49.24 ng/ml



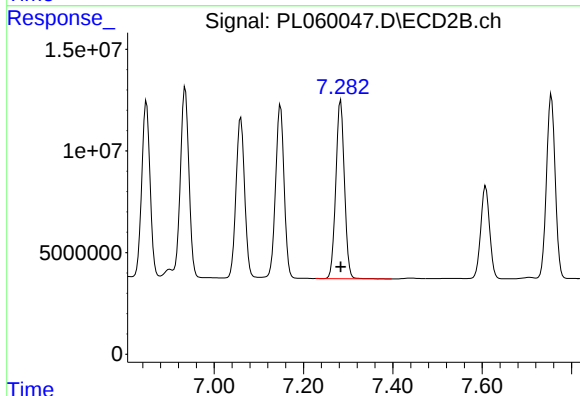
#19 Endosulfan Sulfate

R.T.: 6.674 min  
Delta R.T.: -0.003 min  
Response: 80417592  
Conc: 48.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

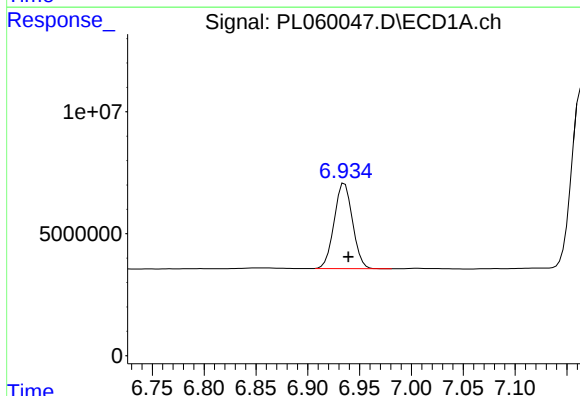
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



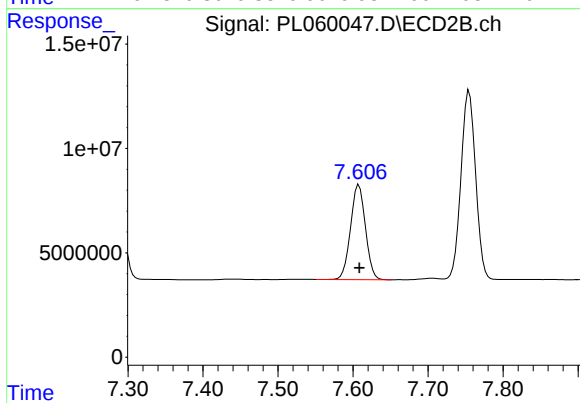
#19 Endosulfan Sulfate

R.T.: 7.283 min  
Delta R.T.: 0.000 min  
Response: 117429645  
Conc: 50.21 ng/ml



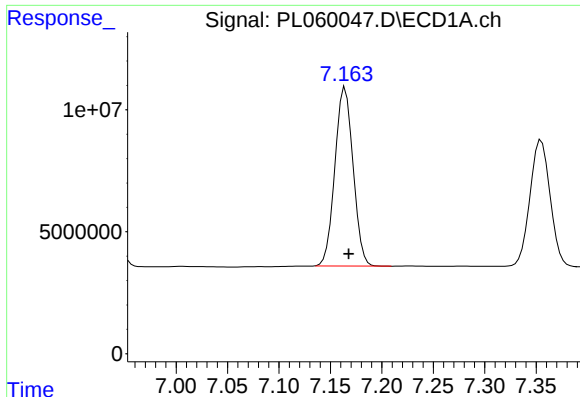
#20 Methoxychlor

R.T.: 6.936 min  
Delta R.T.: -0.004 min  
Response: 43068295  
Conc: 57.58 ng/ml



#20 Methoxychlor

R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 62669848  
Conc: 55.20 ng/ml



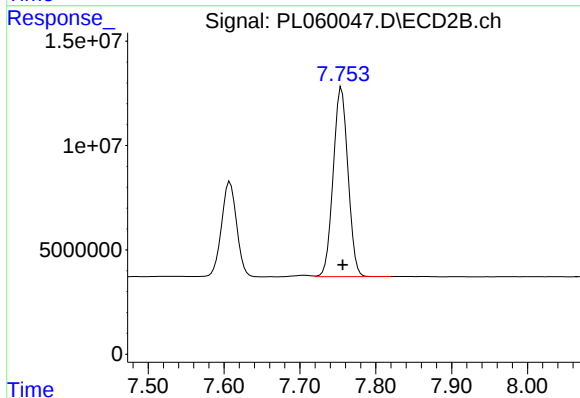
#21 Endrin ketone

R.T.: 7.164 min  
Delta R.T.: -0.004 min  
Response: 90105036  
Conc: 48.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

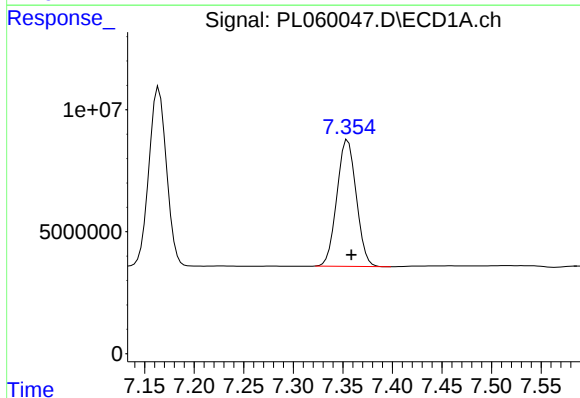
Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



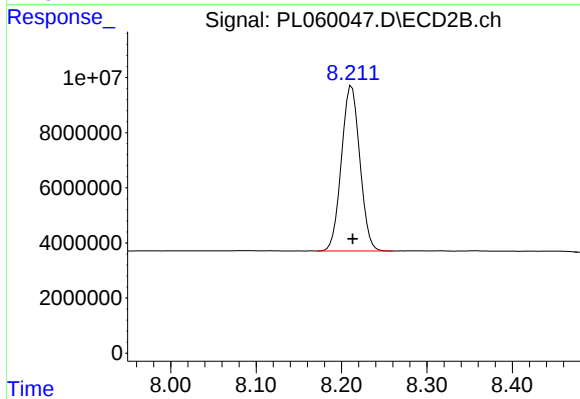
#21 Endrin ketone

R.T.: 7.755 min  
Delta R.T.: -0.002 min  
Response: 122869832  
Conc: 47.57 ng/ml



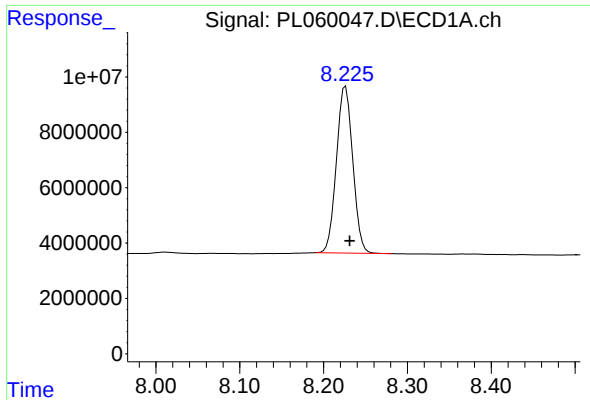
#22 Mirex

R.T.: 7.355 min  
Delta R.T.: -0.004 min  
Response: 70687976  
Conc: 49.69 ng/ml



#22 Mirex

R.T.: 8.212 min  
Delta R.T.: 0.000 min  
Response: 89751809  
Conc: 48.56 ng/ml



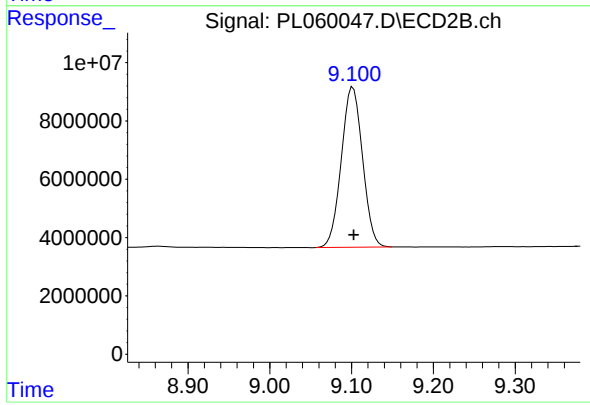
#28 Decachlorobiphenyl

R.T.: 8.226 min  
Delta R.T.: -0.005 min  
Response: 81518360  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Ankita  
7/21/2020 10:38:28 AM



#28 Decachlorobiphenyl

R.T.: 9.102 min  
Delta R.T.: -0.001 min  
Response: 98685949  
Conc: 47.19 ng/ml