

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052419\  
 Data File : PL048916.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 May 2019 12:22  
 Operator : SM\AJ  
 Sample : K3010-04MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FESB-23(3-3.5)MS

Manual Integrations  
 APPROVED

Ankita  
 5/28/2019 8:32:33 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 24 22:15:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 02 09:36:55 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... | 3.326 | 3.938 | 162.9E6 | 48828414 | 16.817  | 19.603  |
| 28)                         | SA Decachlor... | 7.993 | 8.974 | 182.9E6 | 53564374 | 18.189  | 20.180  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.754 | 4.326 | 964.6E6 | 226.0E6  | 62.364  | 64.342  |
| 3)                          | MA gamma-BHC... | 4.030 | 4.610 | 802.2E6 | 185.7E6  | 56.458  | 56.855  |
| 4)                          | MA Heptachlor   | 4.315 | 5.113 | 899.3E6 | 207.1E6  | 61.127  | 59.815  |
| 5)                          | MB Aldrin       | 4.554 | 5.416 | 825.8E6 | 183.1E6  | 60.271  | 59.144  |
| 6)                          | B beta-BHC      | 4.284 | 4.784 | 305.4E6 | 90048400 | 51.741  | 57.871  |
| 7)                          | B delta-BHC     | 4.478 | 4.997 | 741.8E6 | 175.8E6  | 52.538  | 62.163m |
| 8)                          | B Heptachlo...  | 4.990 | 5.802 | 702.7E6 | 172.5E6  | 54.538  | 59.146  |
| 9)                          | A Endosulfan I  | 5.321 | 6.157 | 716.9E6 | 166.5E6  | 59.591  | 58.901  |
| 10)                         | B gamma-Chl...  | 5.213 | 6.037 | 793.1E6 | 181.5E6  | 59.399  | 58.947  |
| 11)                         | B alpha-Chl...  | 5.269 | 6.108 | 779.5E6 | 179.2E6  | 59.621  | 58.417  |
| 12)                         | B 4,4'-DDE      | 5.437 | 6.268 | 763.2E6 | 157.4E6  | 60.165  | 57.015  |
| 13)                         | MA Dieldrin     | 5.560 | 6.414 | 789.4E6 | 174.6E6  | 60.626  | 59.531  |
| 14)                         | MA Endrin       | 5.813 | 6.631 | 708.7E6 | 153.5E6  | 58.215  | 58.890  |
| 15)                         | B Endosulfa...  | 6.088 | 6.842 | 571.7E6 | 154.1E6  | 49.541  | 57.140  |
| 16)                         | A 4,4'-DDD      | 5.948 | 6.757 | 564.0E6 | 134.5E6  | 57.946  | 59.940  |
| 17)                         | MA 4,4'-DDT     | 6.182 | 7.055 | 555.9E6 | 132.3E6  | 55.331  | 56.374  |
| 18)                         | B Endrin al...  | 6.255 | 6.966 | 540.1E6 | 130.6E6  | 55.580  | 55.742  |
| 19)                         | B Endosulfa...  | 6.464 | 7.189 | 562.4E6 | 141.2E6  | 52.397m | 54.572  |
| 20)                         | A Methoxychlor  | 6.727 | 7.515 | 288.3E6 | 74959634 | 52.941  | 54.908  |
| 21)                         | B Endrin ke...  | 6.948 | 7.657 | 612.7E6 | 153.5E6  | 52.566  | 58.738  |
| 22)                         | Mirex           | 7.122 | 8.107 | 601.1E6 | 160.1E6  | 67.060  | 75.899  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052419\  
Data File : PL048916.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 May 2019 12:22  
Operator : SM\AJ  
Sample : K3010-04MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

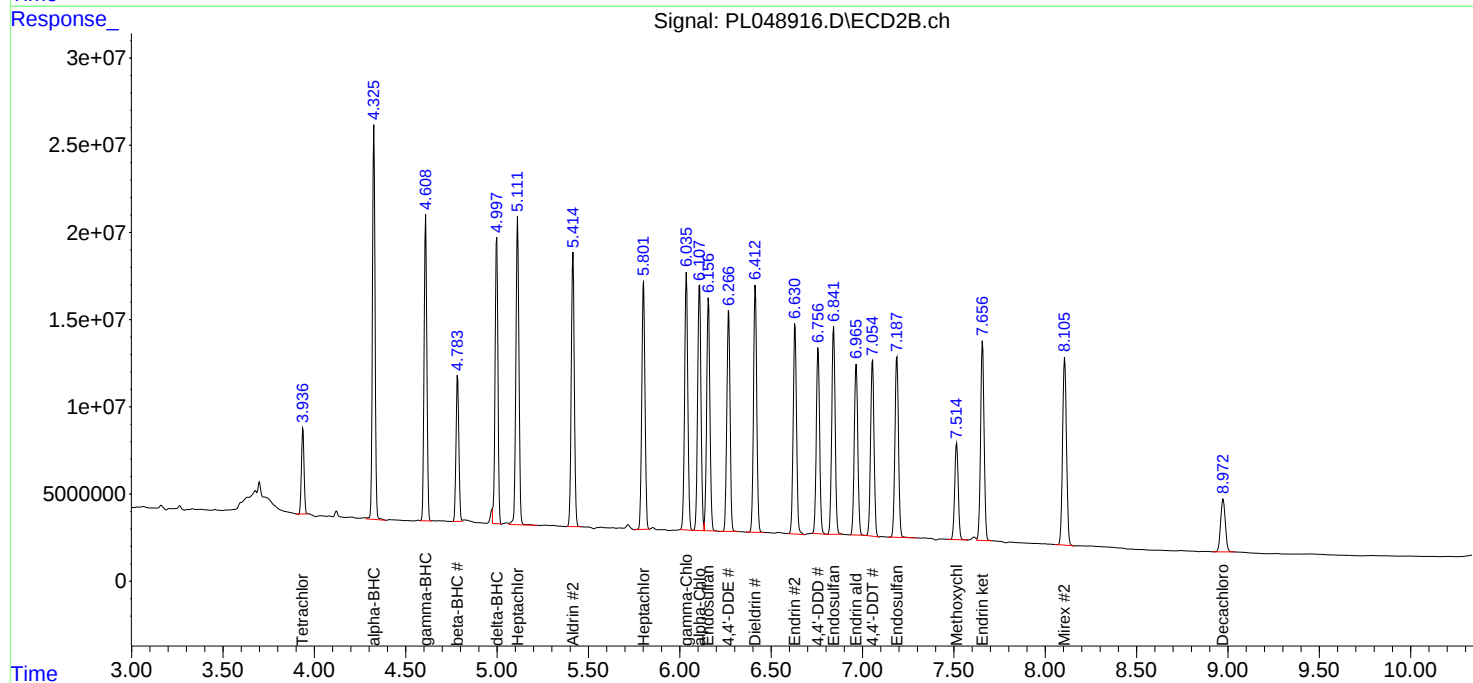
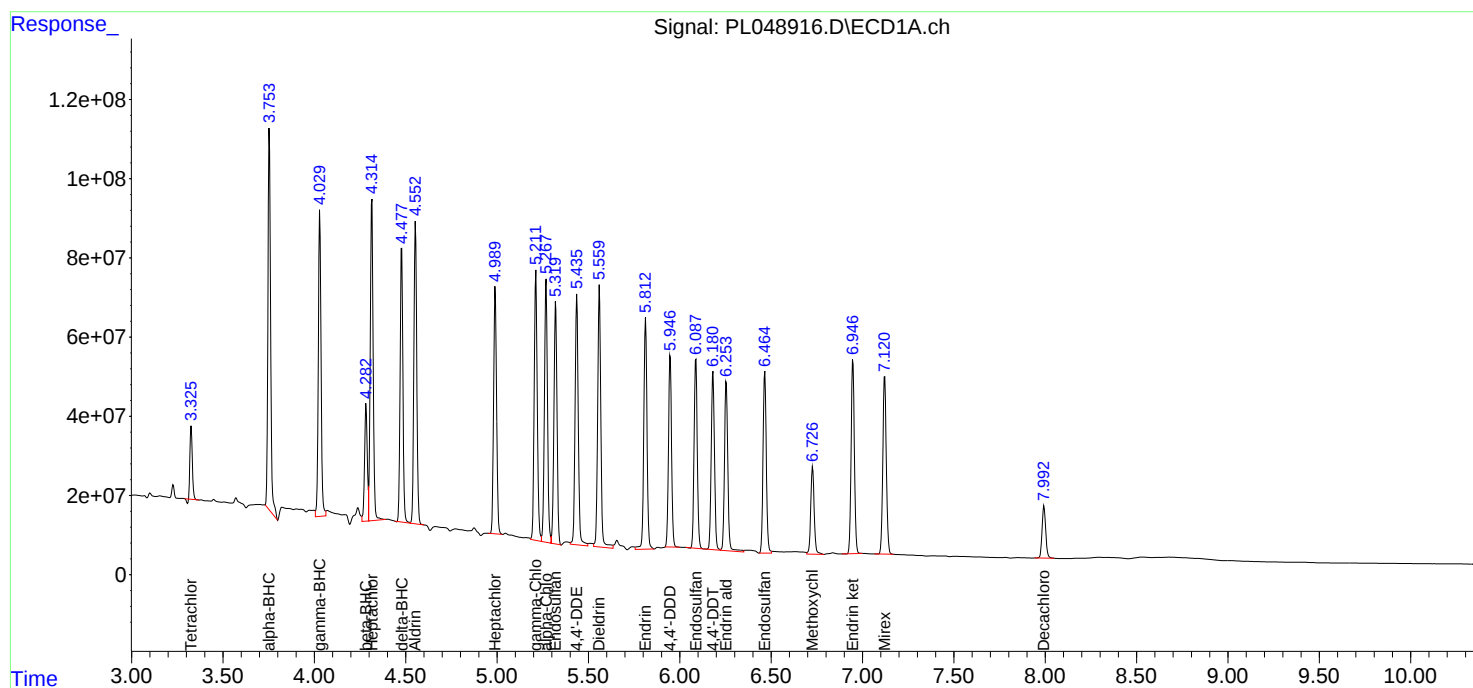
Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

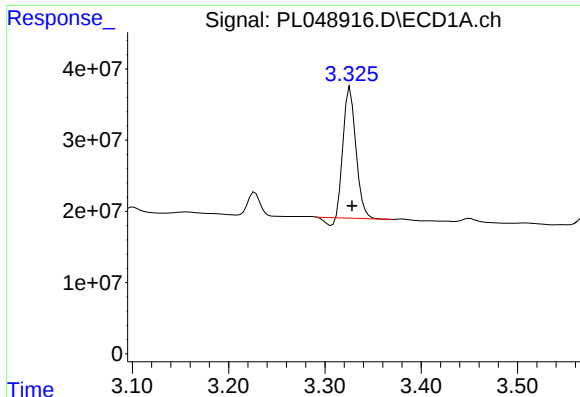
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 24 22:15:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050119.M  
Quant Title : GC Extractables  
QLast Update : Thu May 02 09:36:55 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





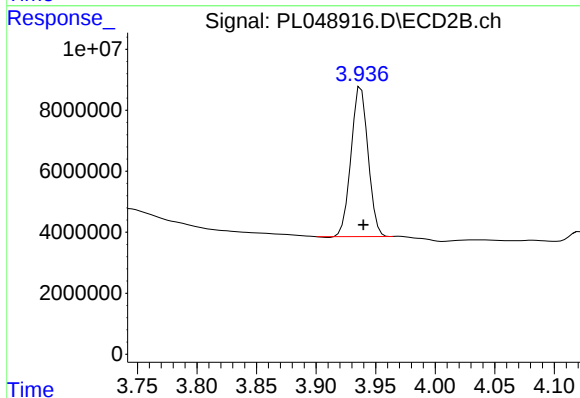
#1 Tetrachloro-m-xylene

R.T.: 3.326 min  
Delta R.T.: -0.002 min  
Response: 162904740  
Conc: 16.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

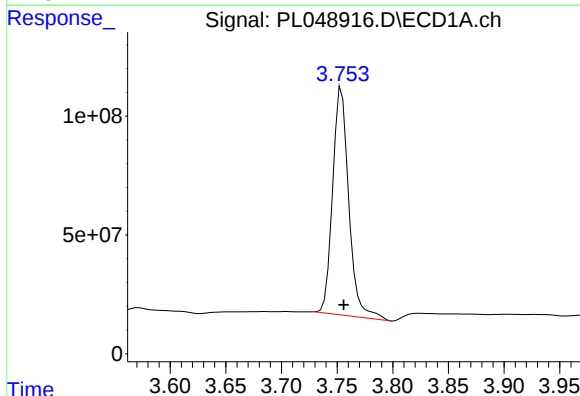
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



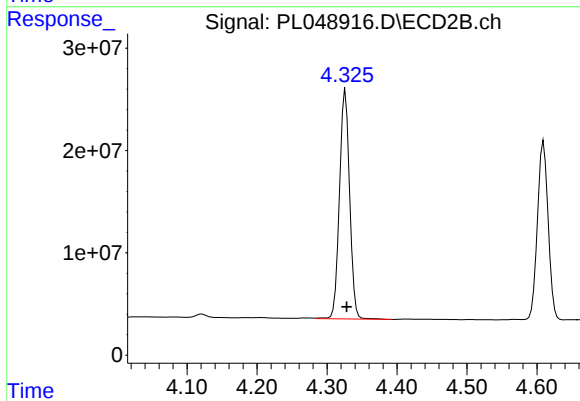
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: -0.002 min  
Response: 48828414  
Conc: 19.60 ng/ml



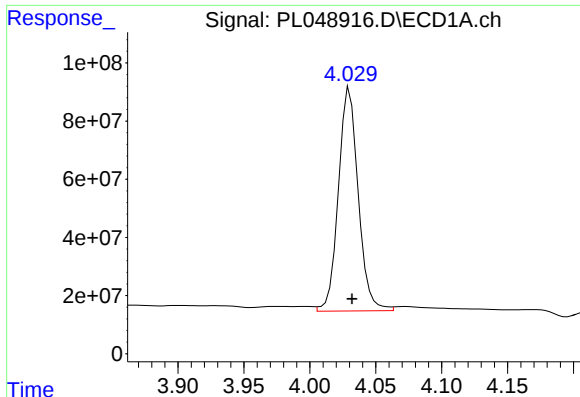
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.002 min  
Response: 964618988  
Conc: 62.36 ng/ml



#2 alpha-BHC

R.T.: 4.326 min  
Delta R.T.: -0.002 min  
Response: 225968966  
Conc: 64.34 ng/ml



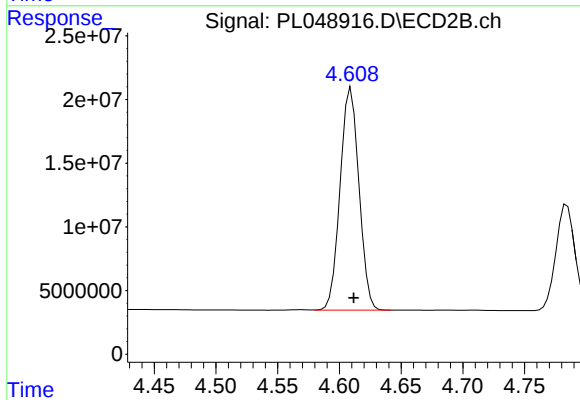
#3 gamma-BHC (Lindane)

R.T.: 4.030 min  
Delta R.T.: -0.002 min  
Response: 802211460  
Conc: 56.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

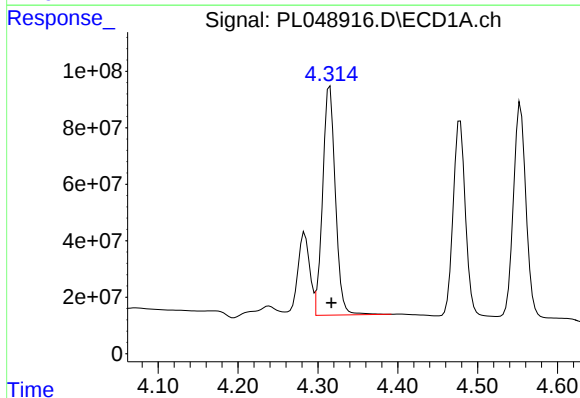
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



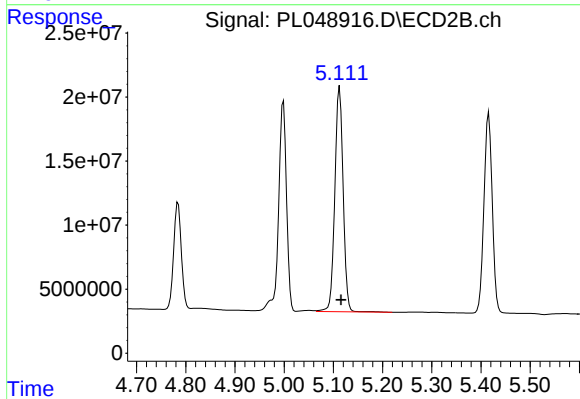
#3 gamma-BHC (Lindane)

R.T.: 4.610 min  
Delta R.T.: -0.002 min  
Response: 185697060  
Conc: 56.85 ng/ml



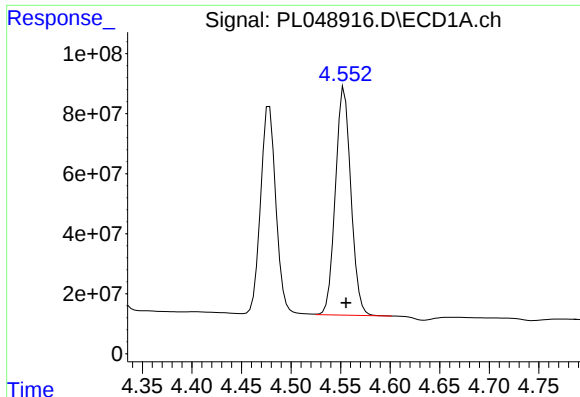
#4 Heptachlor

R.T.: 4.315 min  
Delta R.T.: -0.002 min  
Response: 899301391  
Conc: 61.13 ng/ml



#4 Heptachlor

R.T.: 5.113 min  
Delta R.T.: -0.003 min  
Response: 207067701  
Conc: 59.81 ng/ml



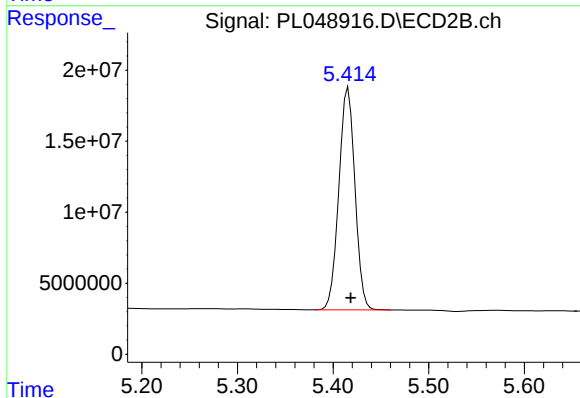
#5 Aldrin

R.T.: 4.554 min  
Delta R.T.: -0.002 min  
Response: 825800910  
Conc: 60.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

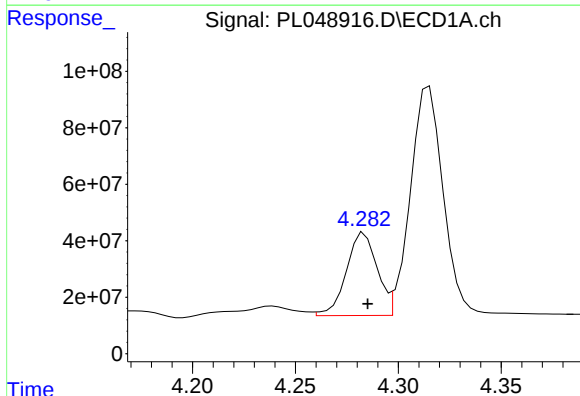
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



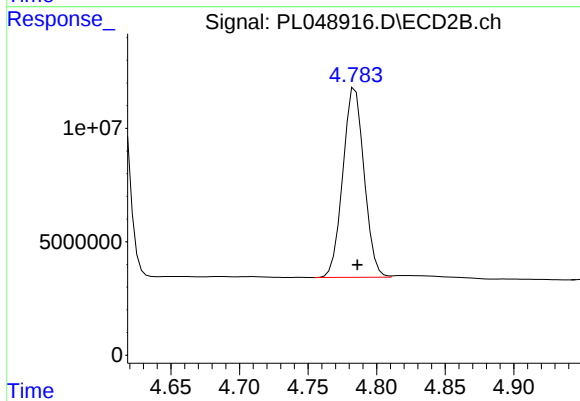
#5 Aldrin

R.T.: 5.416 min  
Delta R.T.: -0.002 min  
Response: 183147064  
Conc: 59.14 ng/ml



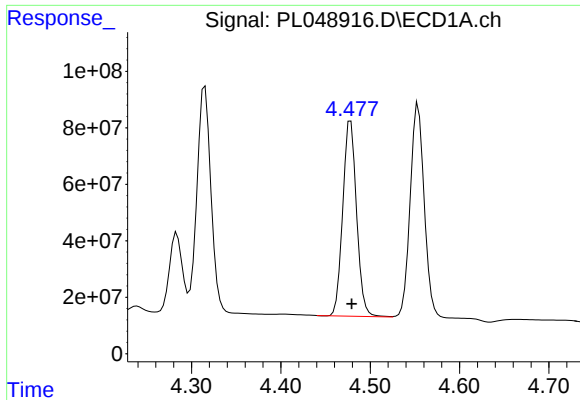
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.001 min  
Response: 305356450  
Conc: 51.74 ng/ml



#6 beta-BHC

R.T.: 4.784 min  
Delta R.T.: -0.002 min  
Response: 90048400  
Conc: 57.87 ng/ml



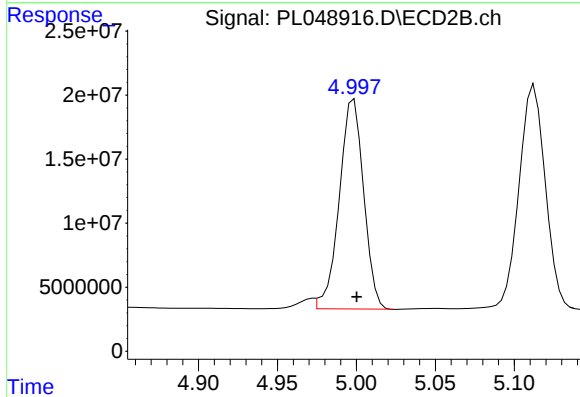
#7 delta-BHC

R.T.: 4.478 min  
Delta R.T.: -0.001 min  
Response: 741777009  
Conc: 52.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

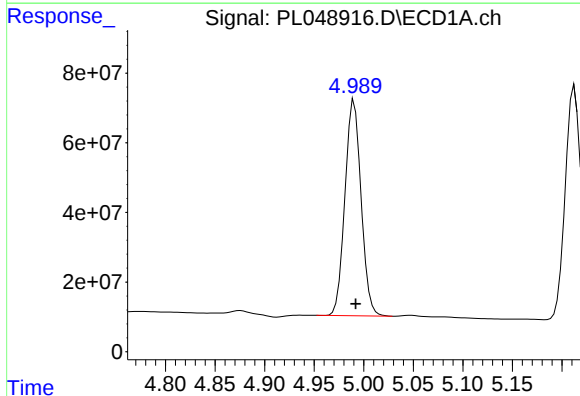
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



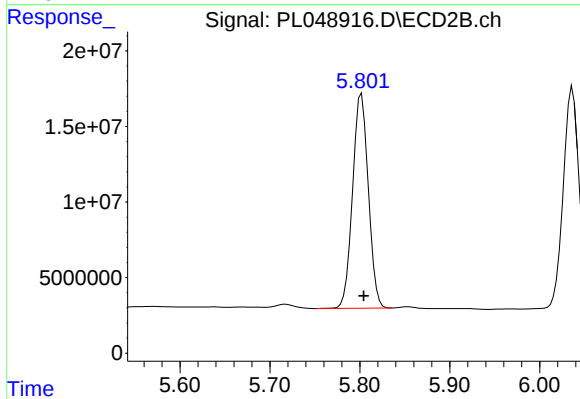
#7 delta-BHC

R.T.: 4.997 min  
Delta R.T.: -0.003 min  
Response: 175790550  
Conc: 62.16 ng/ml m



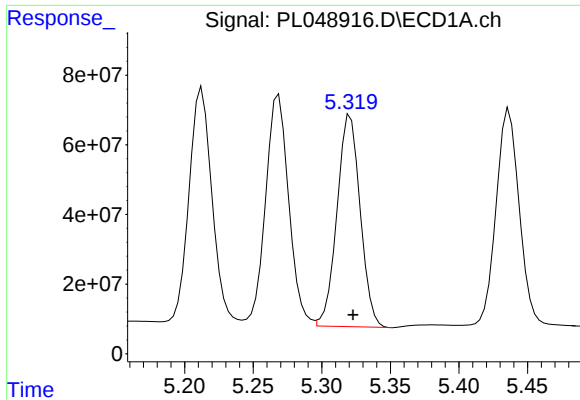
#8 Heptachlor epoxide

R.T.: 4.990 min  
Delta R.T.: -0.001 min  
Response: 702705836  
Conc: 54.54 ng/ml



#8 Heptachlor epoxide

R.T.: 5.802 min  
Delta R.T.: -0.002 min  
Response: 172512448  
Conc: 59.15 ng/ml



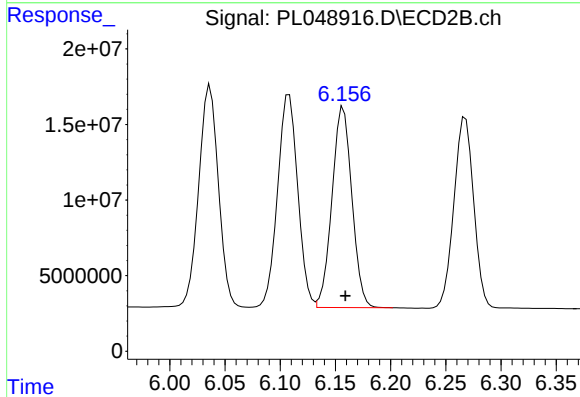
#9 Endosulfan I

R.T.: 5.321 min  
Delta R.T.: -0.002 min  
Response: 716872040  
Conc: 59.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

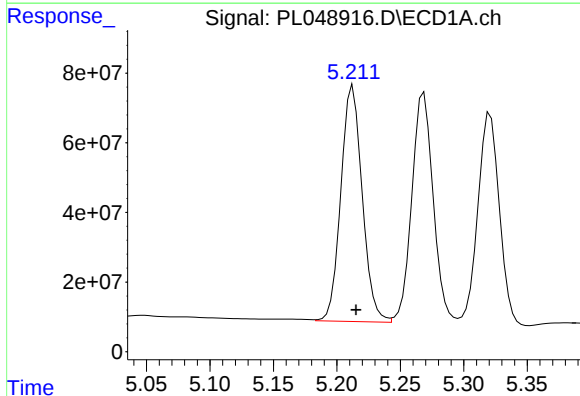
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



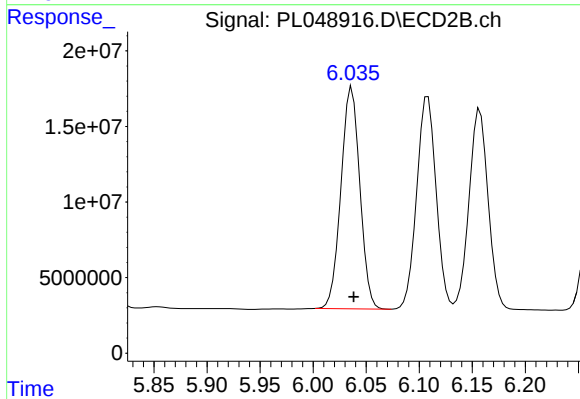
#9 Endosulfan I

R.T.: 6.157 min  
Delta R.T.: -0.002 min  
Response: 166540988  
Conc: 58.90 ng/ml



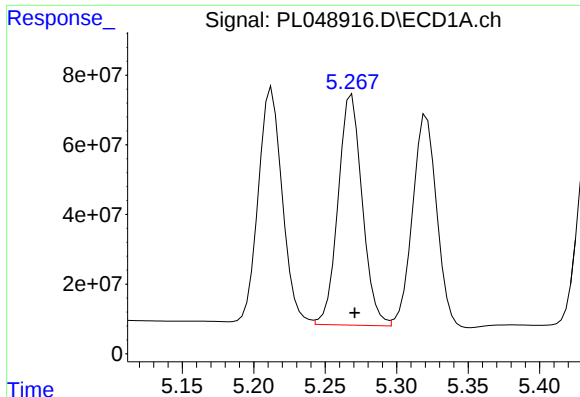
#10 gamma-Chlordane

R.T.: 5.213 min  
Delta R.T.: -0.002 min  
Response: 793112940  
Conc: 59.40 ng/ml



#10 gamma-Chlordane

R.T.: 6.037 min  
Delta R.T.: -0.002 min  
Response: 181478179  
Conc: 58.95 ng/ml



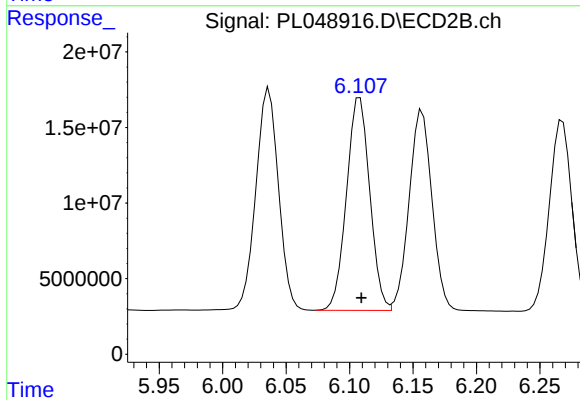
#11 alpha-Chlordane

R.T.: 5.269 min  
Delta R.T.: -0.002 min  
Response: 779464205  
Conc: 59.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

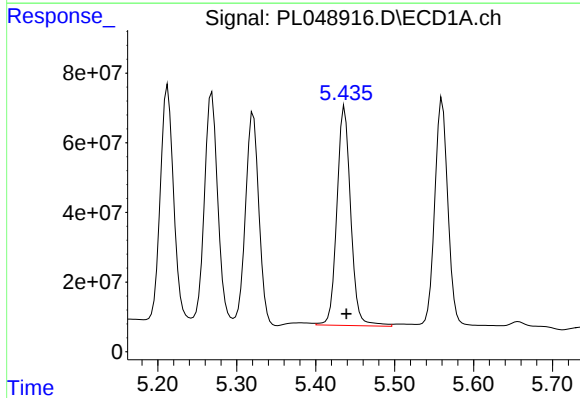
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



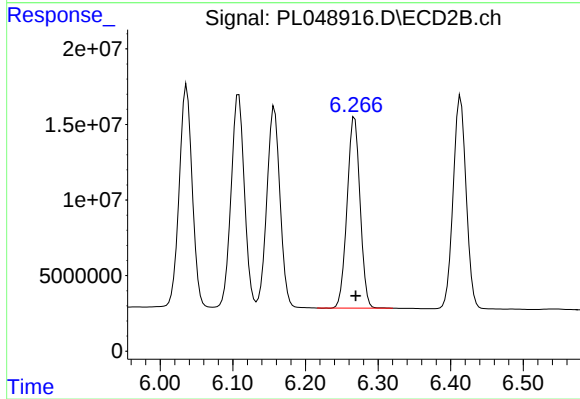
#11 alpha-Chlordane

R.T.: 6.108 min  
Delta R.T.: -0.001 min  
Response: 179238568  
Conc: 58.42 ng/ml



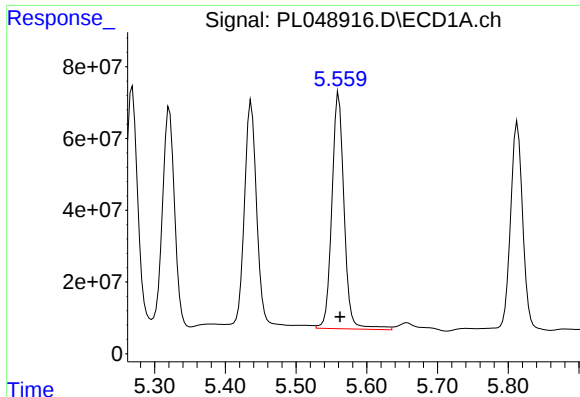
#12 4,4'-DDE

R.T.: 5.437 min  
Delta R.T.: -0.002 min  
Response: 763215734  
Conc: 60.17 ng/ml



#12 4,4'-DDE

R.T.: 6.268 min  
Delta R.T.: -0.002 min  
Response: 157413137  
Conc: 57.01 ng/ml



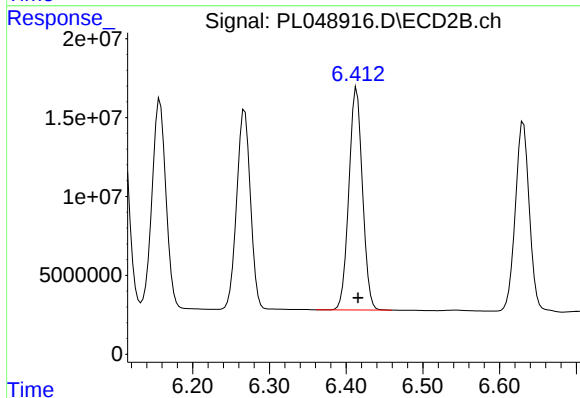
#13 Dieldrin

R.T.: 5.560 min  
Delta R.T.: -0.002 min  
Response: 789394083  
Conc: 60.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

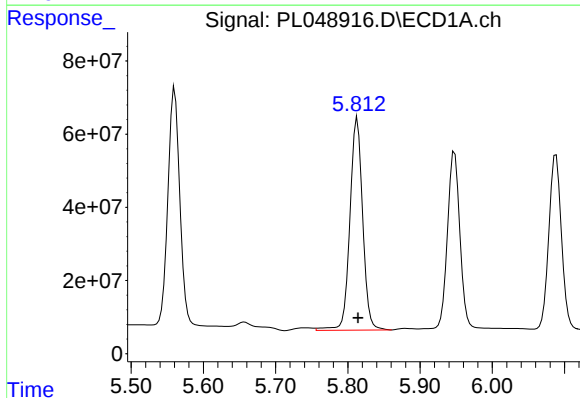
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



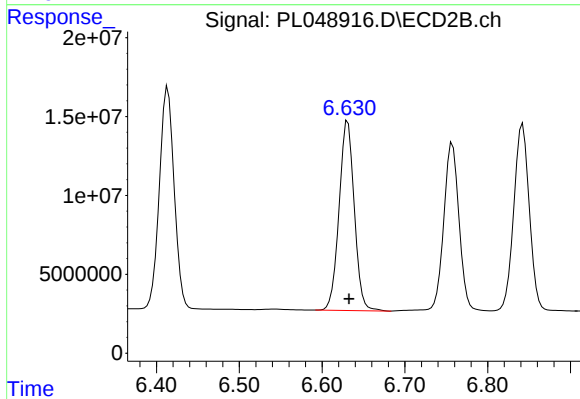
#13 Dieldrin

R.T.: 6.414 min  
Delta R.T.: -0.002 min  
Response: 174644169  
Conc: 59.53 ng/ml



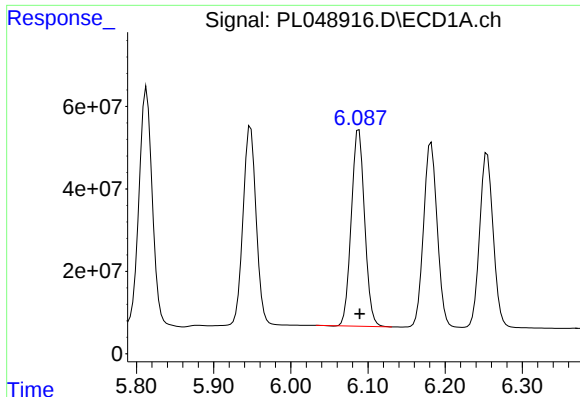
#14 Endrin

R.T.: 5.813 min  
Delta R.T.: -0.001 min  
Response: 708703394  
Conc: 58.21 ng/ml



#14 Endrin

R.T.: 6.631 min  
Delta R.T.: -0.001 min  
Response: 153549855  
Conc: 58.89 ng/ml



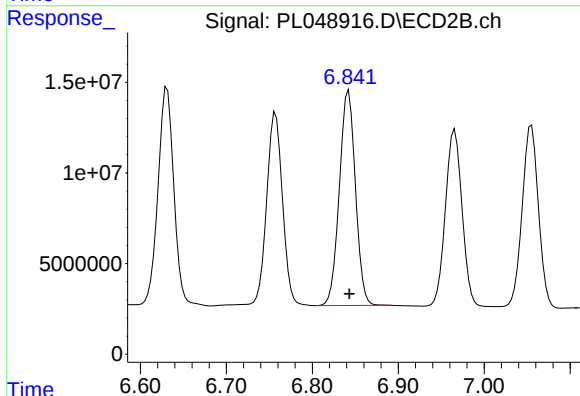
#15 Endosulfan II

R.T.: 6.088 min  
Delta R.T.: 0.000 min  
Response: 571722396  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

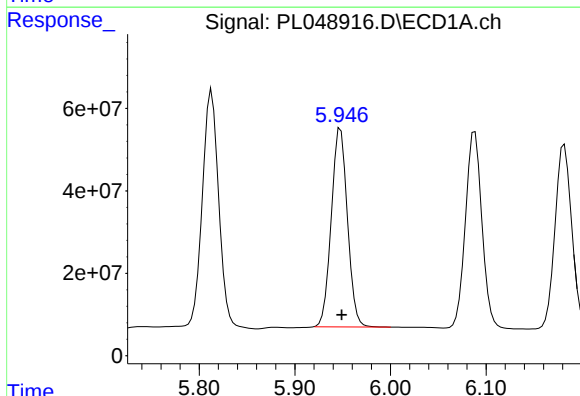
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



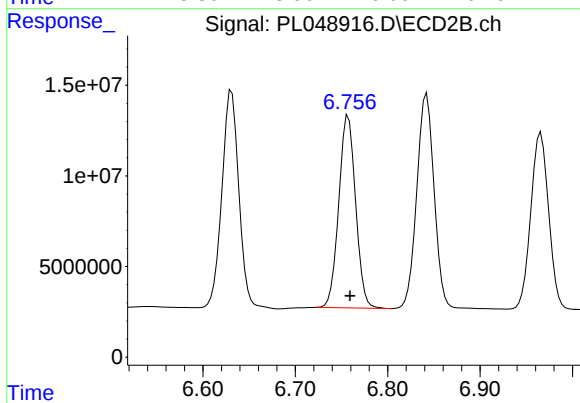
#15 Endosulfan II

R.T.: 6.842 min  
Delta R.T.: 0.000 min  
Response: 154084685  
Conc: 57.14 ng/ml



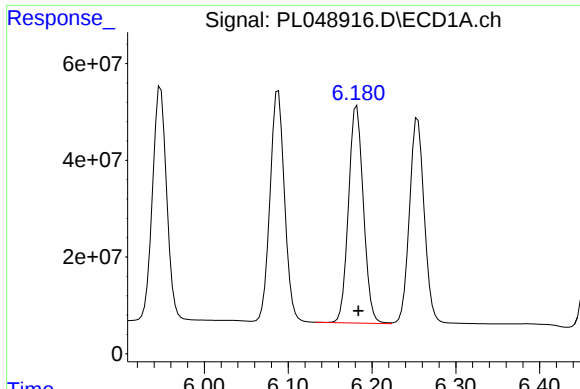
#16 4,4'-DDD

R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 564049627  
Conc: 57.95 ng/ml



#16 4,4'-DDD

R.T.: 6.757 min  
Delta R.T.: -0.002 min  
Response: 134507338  
Conc: 59.94 ng/ml



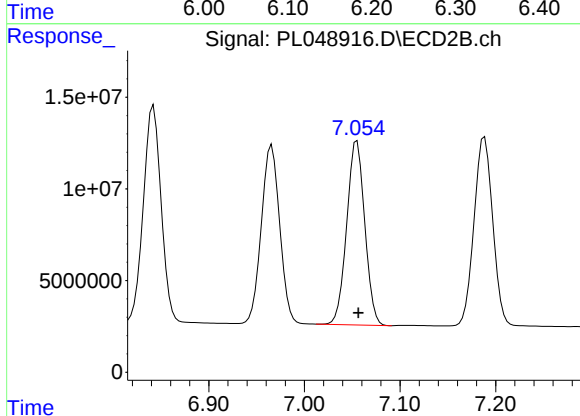
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.002 min  
Response: 555883650  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

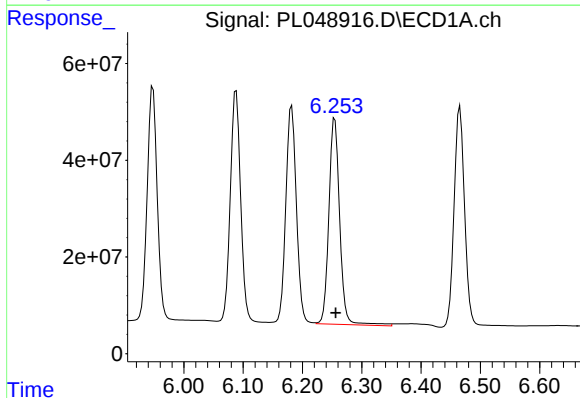
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



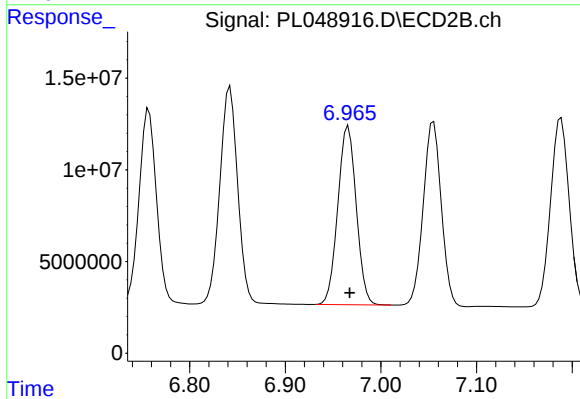
#17 4,4'-DDT

R.T.: 7.055 min  
Delta R.T.: -0.002 min  
Response: 132289414  
Conc: 56.37 ng/ml



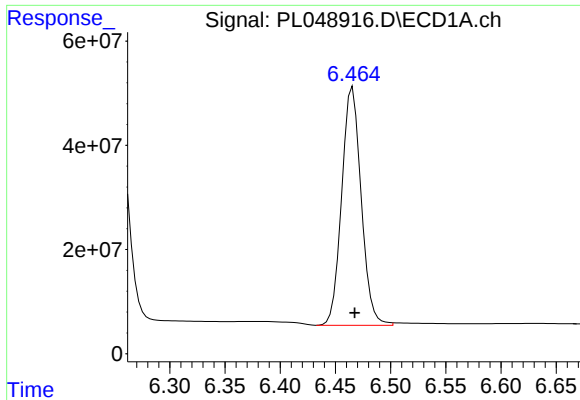
#18 Endrin aldehyde

R.T.: 6.255 min  
Delta R.T.: -0.002 min  
Response: 540144769  
Conc: 55.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.966 min  
Delta R.T.: -0.002 min  
Response: 130628549  
Conc: 55.74 ng/ml



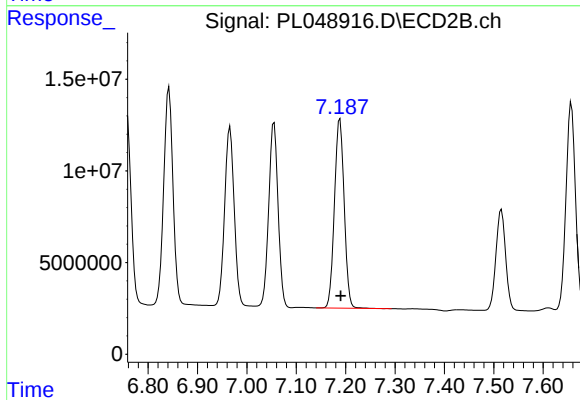
#19 Endosulfan Sulfate

R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 562358240  
Conc: 52.40 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

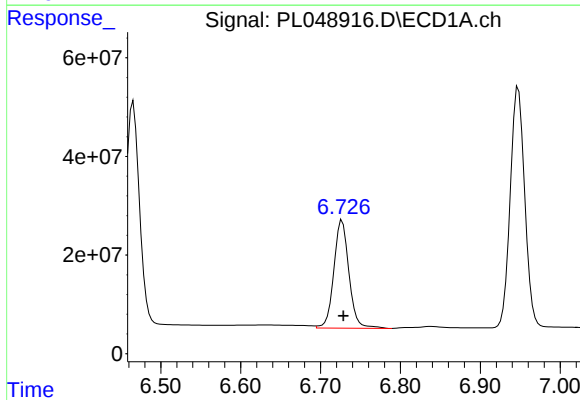
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



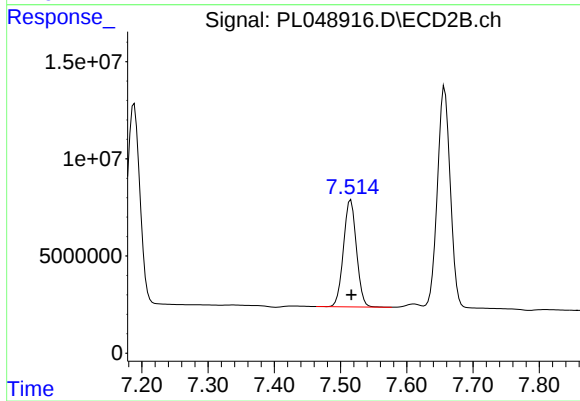
#19 Endosulfan Sulfate

R.T.: 7.189 min  
Delta R.T.: -0.001 min  
Response: 141242853  
Conc: 54.57 ng/ml



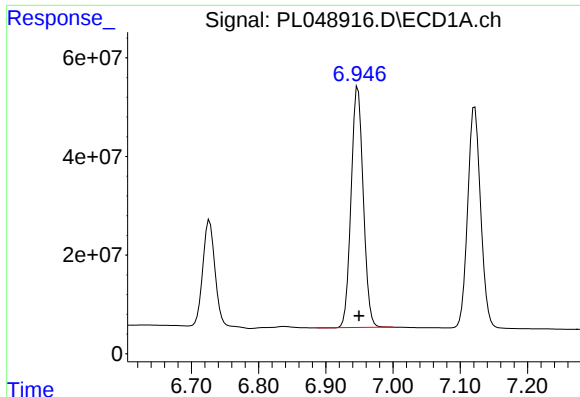
#20 Methoxychlor

R.T.: 6.727 min  
Delta R.T.: -0.002 min  
Response: 288252498  
Conc: 52.94 ng/ml



#20 Methoxychlor

R.T.: 7.515 min  
Delta R.T.: 0.000 min  
Response: 74959634  
Conc: 54.91 ng/ml



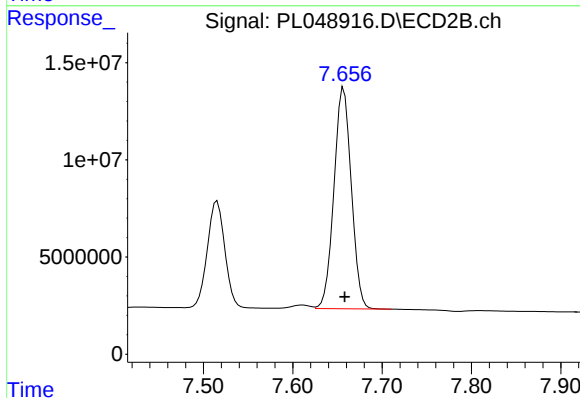
#21 Endrin ketone

R.T.: 6.948 min  
Delta R.T.: -0.002 min  
Response: 612655319  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

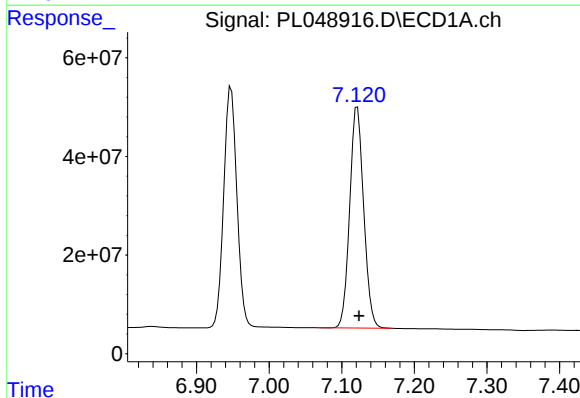
Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



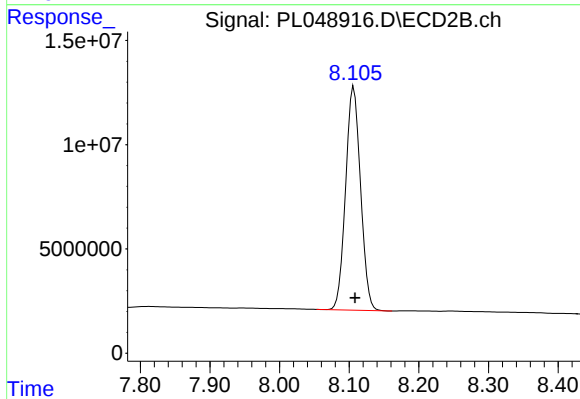
#21 Endrin ketone

R.T.: 7.657 min  
Delta R.T.: -0.001 min  
Response: 153468962  
Conc: 58.74 ng/ml



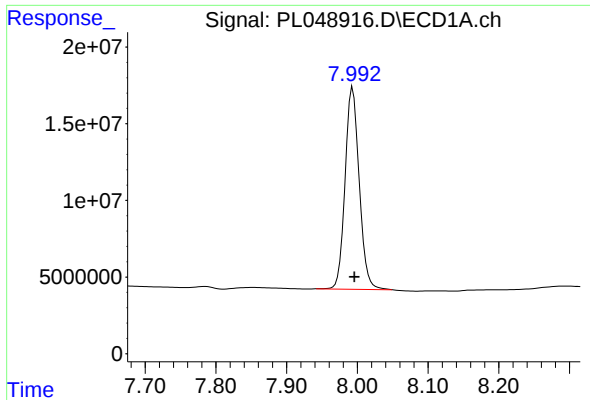
#22 Mirex

R.T.: 7.122 min  
Delta R.T.: -0.002 min  
Response: 601116980  
Conc: 67.06 ng/ml



#22 Mirex

R.T.: 8.107 min  
Delta R.T.: -0.002 min  
Response: 160061174  
Conc: 75.90 ng/ml



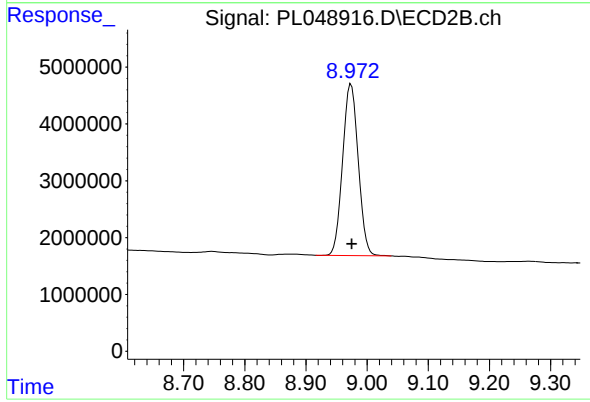
#28 Decachlorobiphenyl

R.T.: 7.993 min  
Delta R.T.: -0.002 min  
Response: 182879388  
Conc: 18.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FESB-23(3-3.5)MS

Manual Integrations  
APPROVED

Ankita  
5/28/2019 8:32:33 AM



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: -0.001 min  
Response: 53564374  
Conc: 20.18 ng/ml