

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070219\  
 Data File : PL050123.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2019 10:39  
 Operator : SM\AJ  
 Sample : K3560-12MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PST-009-B218-062419MS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 11:24:17 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 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... | 3.323 | 3.932 | 207.1E6 | 56140144 | 18.361  | 18.336 |
| 28)                         | SA Decachlor... | 7.988 | 8.968 | 176.6E6 | 47742321 | 13.897  | 14.222 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.751 | 4.321 | 871.1E6 | 205.9E6  | 46.366  | 45.993 |
| 3)                          | MA gamma-BHC... | 4.026 | 4.605 | 833.9E6 | 195.2E6  | 47.033  | 47.063 |
| 4)                          | MA Heptachlor   | 4.311 | 5.107 | 865.8E6 | 200.6E6  | 47.632  | 46.339 |
| 5)                          | MB Aldrin       | 4.549 | 5.409 | 825.7E6 | 185.0E6  | 47.818  | 47.220 |
| 6)                          | B beta-BHC      | 4.281 | 4.780 | 354.3E6 | 91676947 | 48.434  | 47.328 |
| 7)                          | B delta-BHC     | 4.474 | 4.994 | 785.4E6 | 161.8E6  | 43.916  | 41.081 |
| 8)                          | B Heptachlo...  | 4.986 | 5.796 | 756.4E6 | 167.2E6  | 46.991  | 45.974 |
| 9)                          | A Endosulfan I  | 5.317 | 6.152 | 726.1E6 | 159.2E6  | 46.925  | 46.865 |
| 10)                         | B gamma-Chl...  | 5.208 | 6.031 | 797.4E6 | 166.8E6  | 46.663  | 44.750 |
| 11)                         | B alpha-Chl...  | 5.264 | 6.102 | 767.0E6 | 168.5E6  | 46.209  | 45.547 |
| 12)                         | B 4,4'-DDE      | 5.432 | 6.262 | 762.7E6 | 162.4E6  | 45.785  | 46.796 |
| 13)                         | MA Dieldrin     | 5.556 | 6.408 | 778.4E6 | 162.4E6  | 46.731  | 45.787 |
| 14)                         | MA Endrin       | 5.808 | 6.625 | 753.3E6 | 140.7E6  | 47.040  | 44.556 |
| 15)                         | B Endosulfa...  | 6.083 | 6.837 | 685.2E6 | 138.8E6  | 47.024  | 43.086 |
| 16)                         | A 4,4'-DDD      | 5.941 | 6.753 | 609.3E6 | 126.3E6  | 48.261m | 48.317 |
| 17)                         | MA 4,4'-DDT     | 6.177 | 7.049 | 556.3E6 | 109.9E6  | 41.903  | 37.536 |
| 18)                         | B Endrin al...  | 6.250 | 6.961 | 499.8E6 | 109.9E6  | 42.314  | 40.004 |
| 19)                         | B Endosulfa...  | 6.461 | 7.184 | 570.8E6 | 128.1E6  | 44.028  | 42.577 |
| 20)                         | A Methoxychlor  | 6.722 | 7.511 | 260.7E6 | 64031206 | 39.992  | 38.416 |
| 21)                         | B Endrin ke...  | 6.943 | 7.653 | 587.9E6 | 135.8E6  | 41.825  | 43.571 |
| 22)                         | Mirex           | 7.116 | 8.102 | 425.9E6 | 102.4E6  | 41.207  | 40.487 |
| -----                       |                 |       |       |         |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070219\  
Data File : PL050123.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jul 2019 10:39  
Operator : SM\AJ  
Sample : K3560-12MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

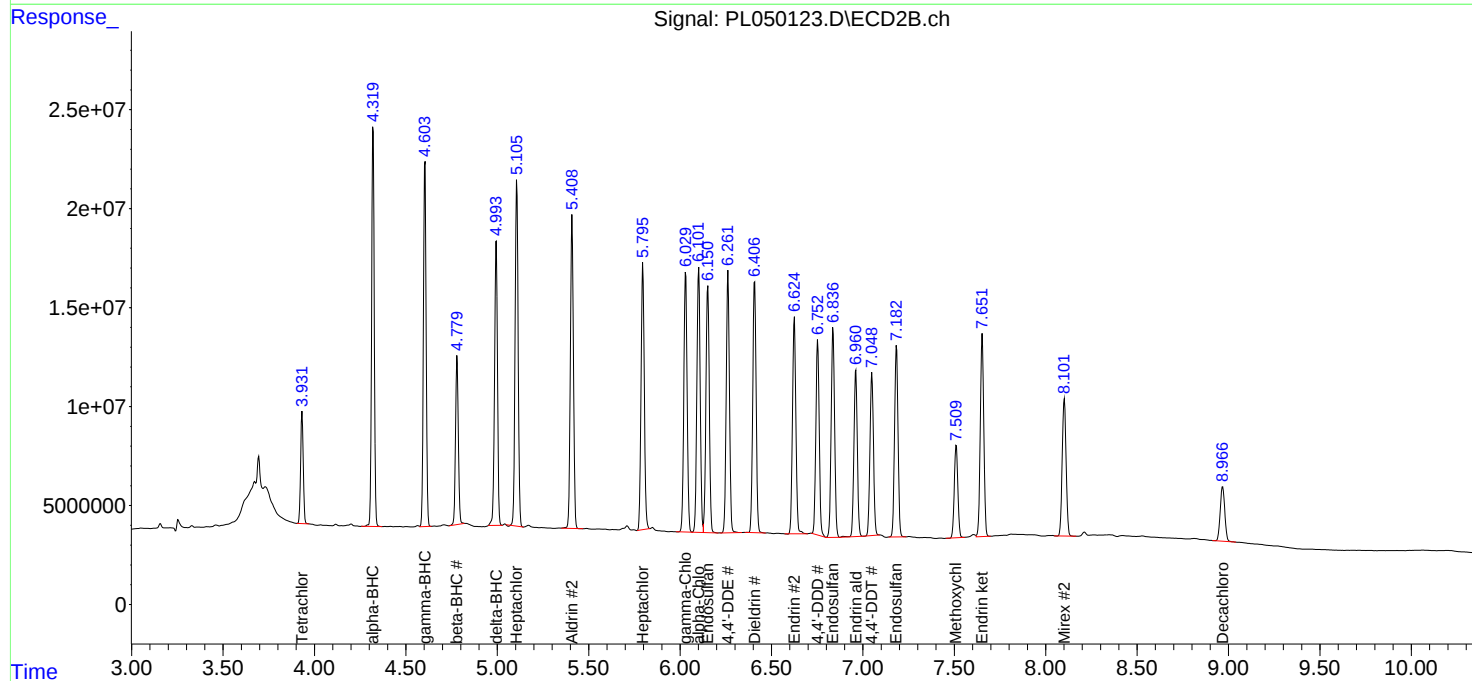
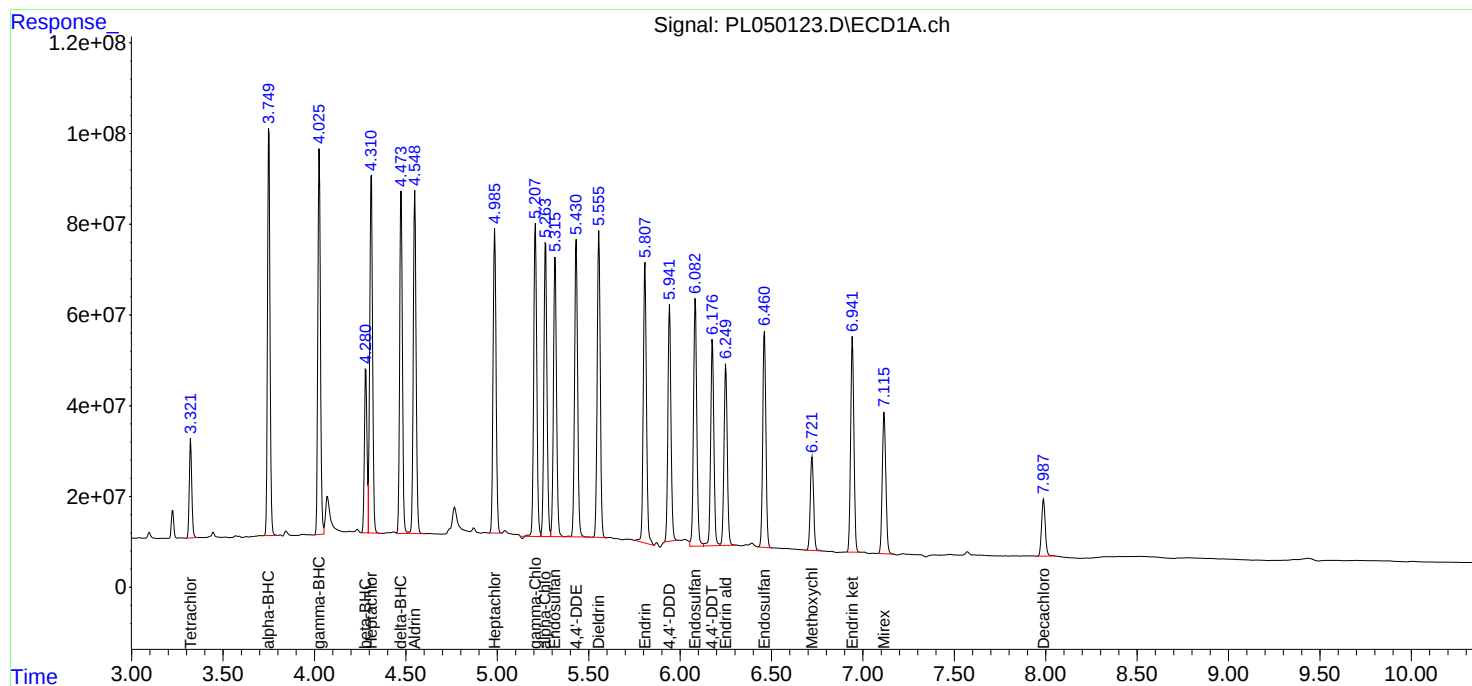
Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

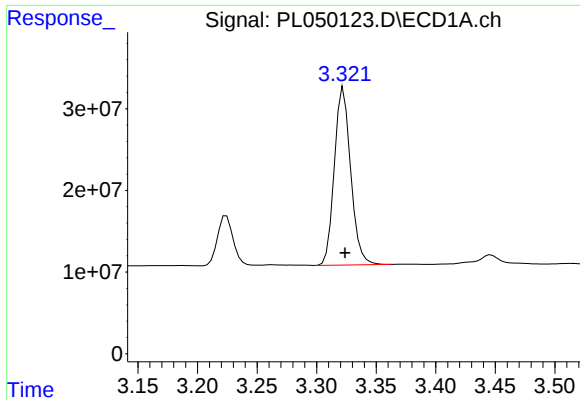
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 02 11:24:17 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 2019  
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





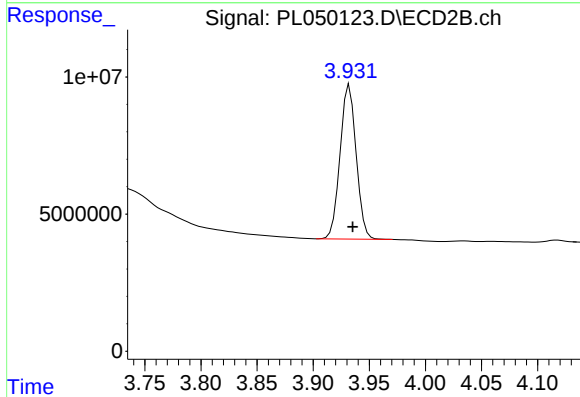
#1 Tetrachloro-m-xylene

R.T.: 3.323 min  
Delta R.T.: -0.001 min  
Response: 207074975  
Conc: 18.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

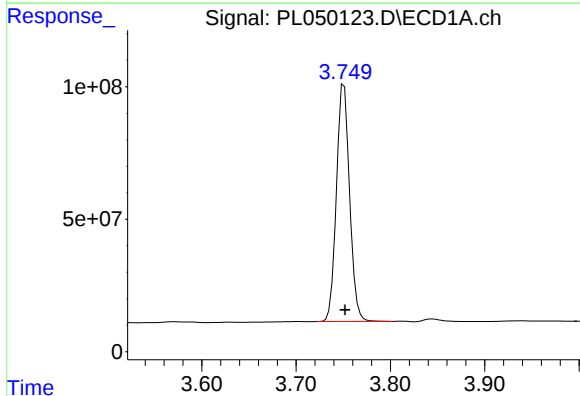
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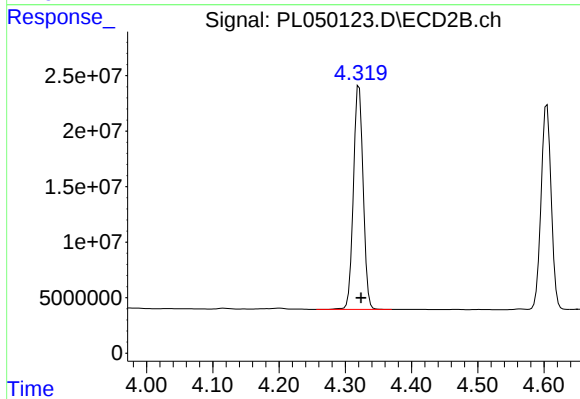
#1 Tetrachloro-m-xylene

R.T.: 3.932 min  
Delta R.T.: -0.003 min  
Response: 56140144  
Conc: 18.34 ng/ml



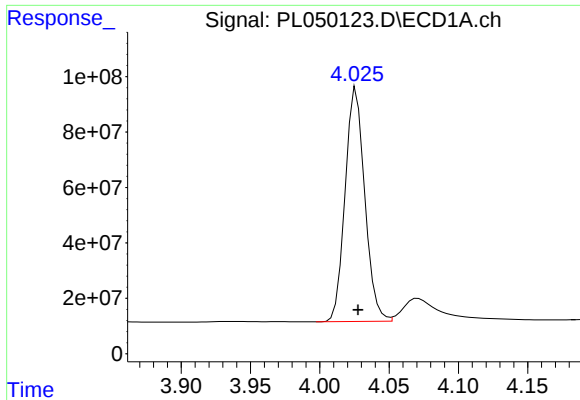
#2 alpha-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 871088814  
Conc: 46.37 ng/ml



#2 alpha-BHC

R.T.: 4.321 min  
Delta R.T.: -0.003 min  
Response: 205890866  
Conc: 45.99 ng/ml



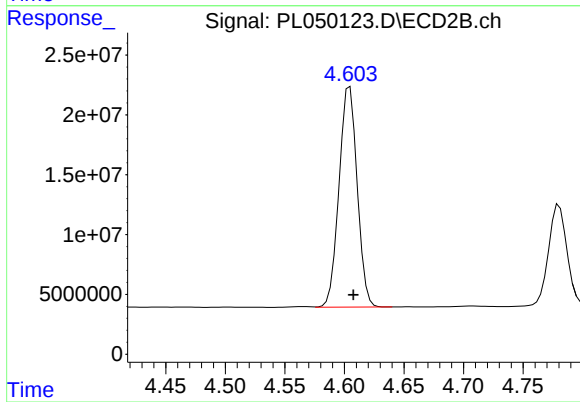
#3 gamma-BHC (Lindane)

R.T.: 4.026 min  
Delta R.T.: -0.001 min  
Response: 833925757  
Conc: 47.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

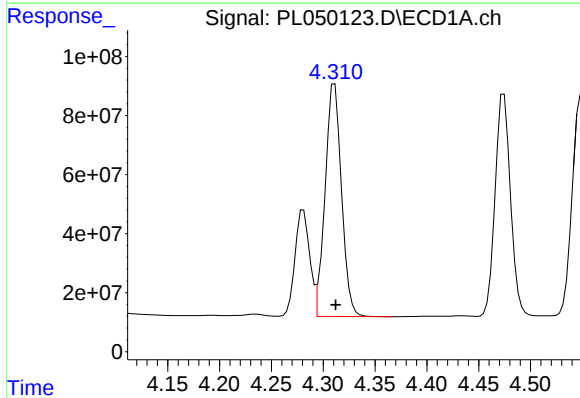
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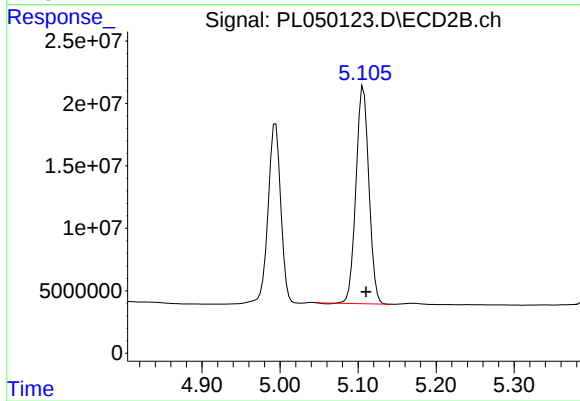
#3 gamma-BHC (Lindane)

R.T.: 4.605 min  
Delta R.T.: -0.003 min  
Response: 195209778  
Conc: 47.06 ng/ml



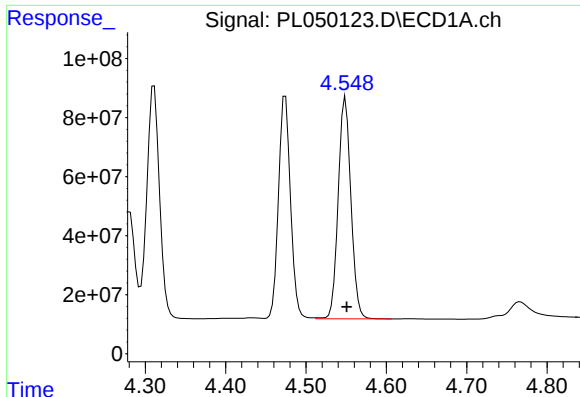
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.001 min  
Response: 865817520  
Conc: 47.63 ng/ml



#4 Heptachlor

R.T.: 5.107 min  
Delta R.T.: -0.004 min  
Response: 200575520  
Conc: 46.34 ng/ml



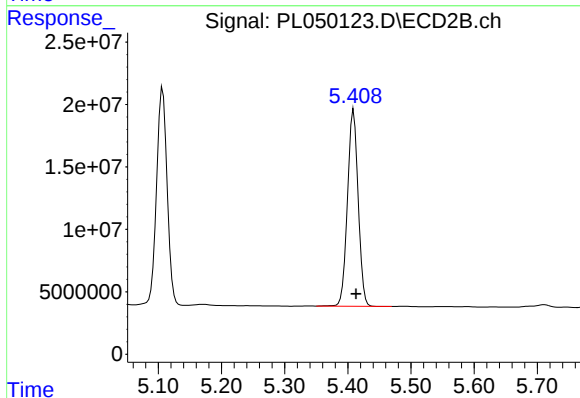
#5 Aldrin

R.T.: 4.549 min  
Delta R.T.: -0.002 min  
Response: 825725057  
Conc: 47.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

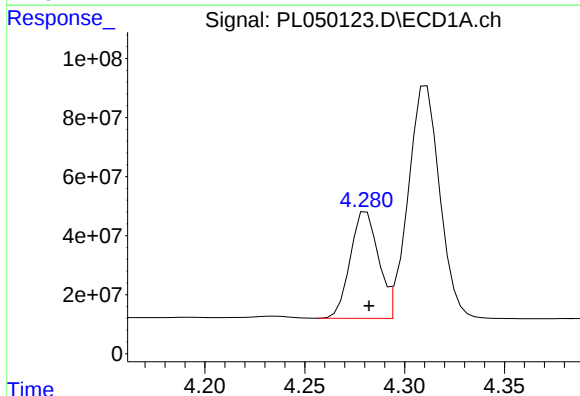
Manual Integrations  
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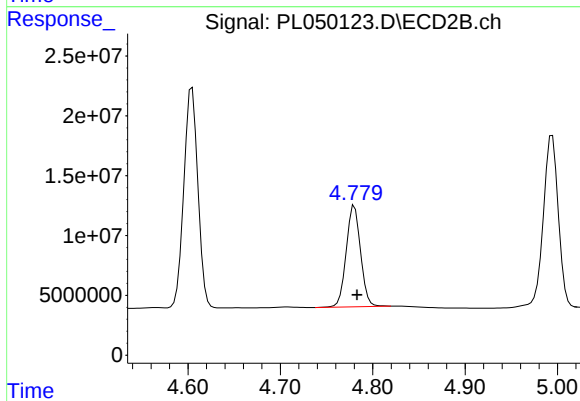
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 184965058  
Conc: 47.22 ng/ml



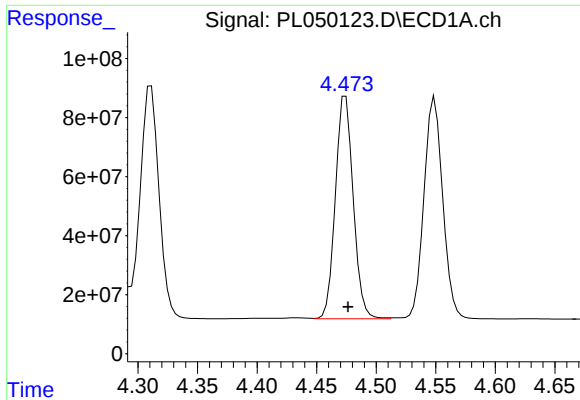
#6 beta-BHC

R.T.: 4.281 min  
Delta R.T.: -0.001 min  
Response: 354286595  
Conc: 48.43 ng/ml



#6 beta-BHC

R.T.: 4.780 min  
Delta R.T.: -0.003 min  
Response: 91676947  
Conc: 47.33 ng/ml



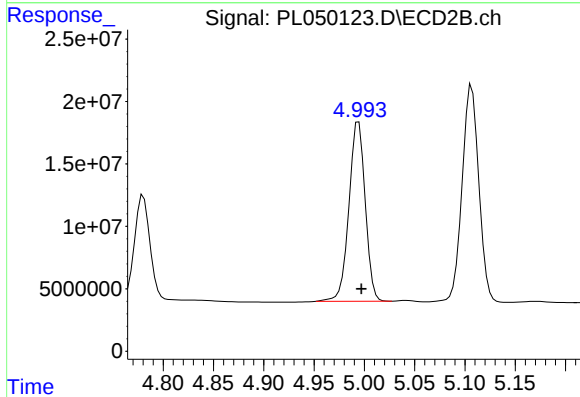
#7 delta-BHC

R.T.: 4.474 min  
Delta R.T.: -0.002 min  
Response: 785394515  
Conc: 43.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

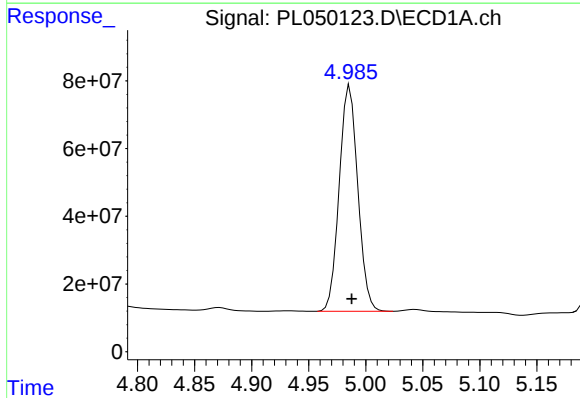
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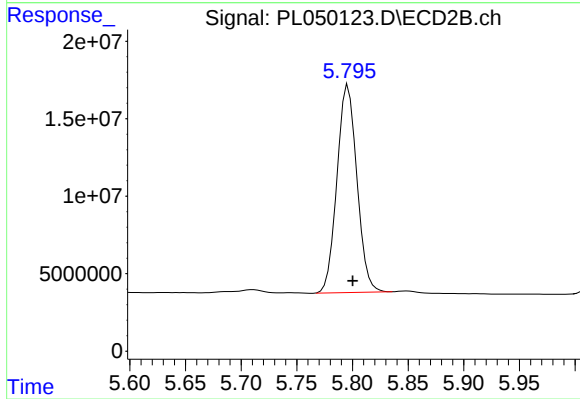
#7 delta-BHC

R.T.: 4.994 min  
Delta R.T.: -0.003 min  
Response: 161811991  
Conc: 41.08 ng/ml



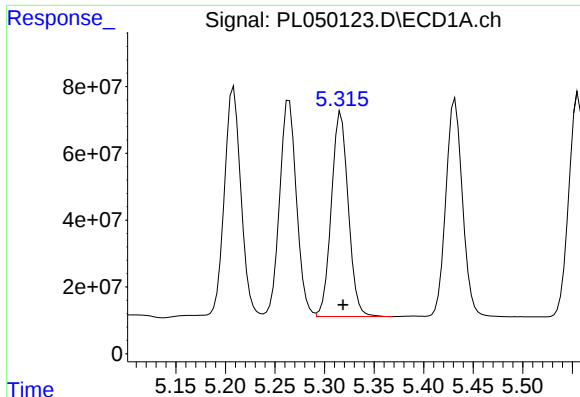
#8 Heptachlor epoxide

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 756429740  
Conc: 46.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.796 min  
Delta R.T.: -0.004 min  
Response: 167151675  
Conc: 45.97 ng/ml



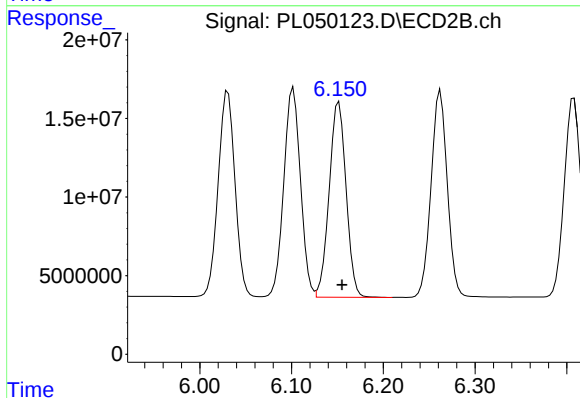
#9 Endosulfan I

R.T.: 5.317 min  
Delta R.T.: -0.002 min  
Response: 726051902  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

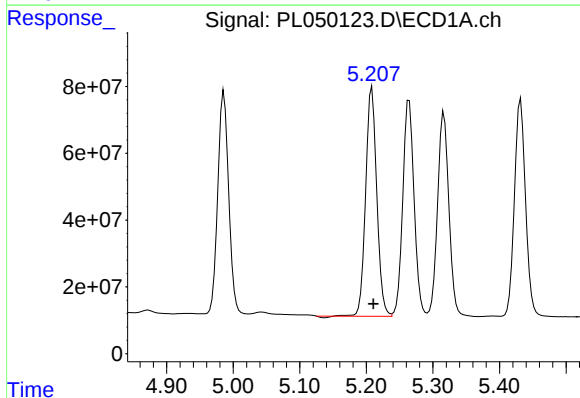
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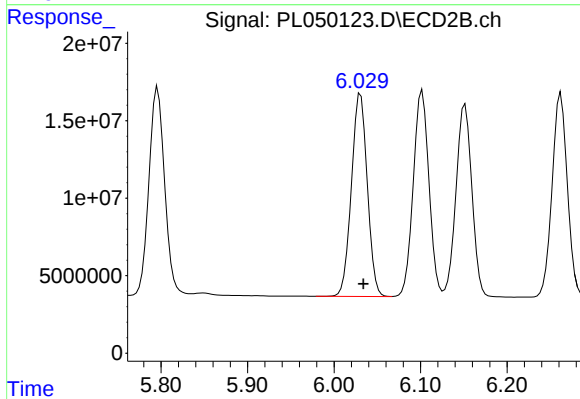
#9 Endosulfan I

R.T.: 6.152 min  
Delta R.T.: -0.004 min  
Response: 159217877  
Conc: 46.87 ng/ml



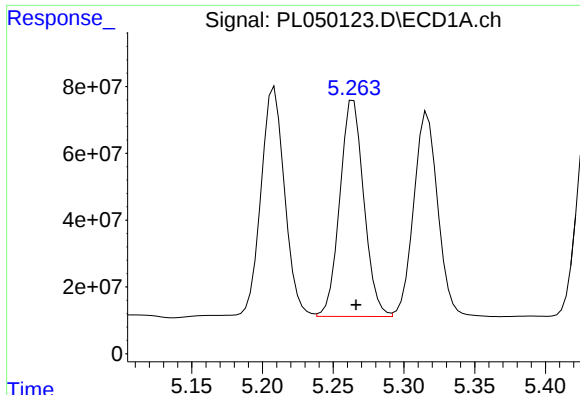
#10 gamma-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.002 min  
Response: 797409465  
Conc: 46.66 ng/ml



#10 gamma-Chlordane

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 166756992  
Conc: 44.75 ng/ml



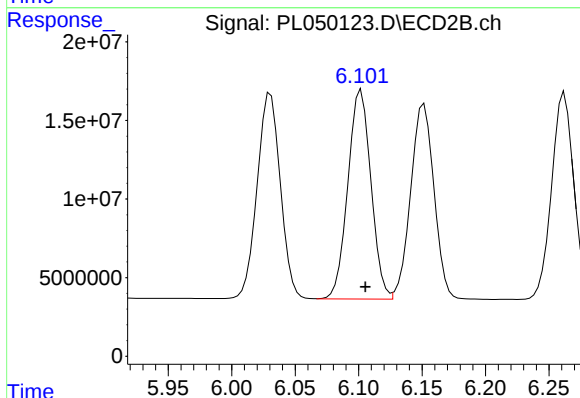
#11 alpha-Chlordane

R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 767017529  
Conc: 46.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

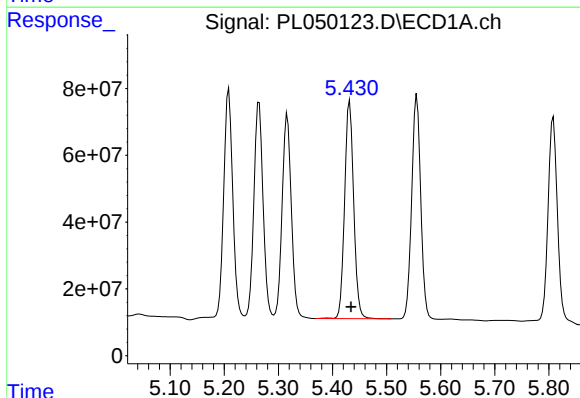
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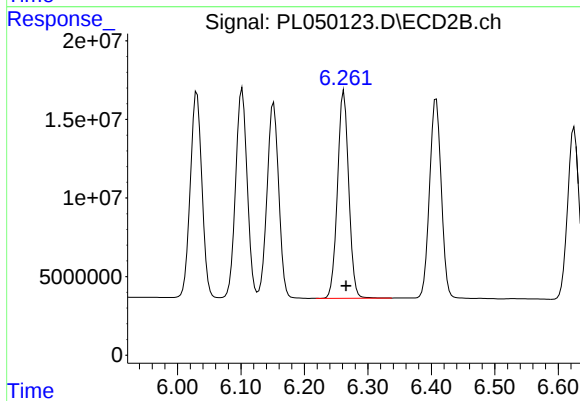
#11 alpha-Chlordane

R.T.: 6.102 min  
Delta R.T.: -0.003 min  
Response: 168451939  
Conc: 45.55 ng/ml



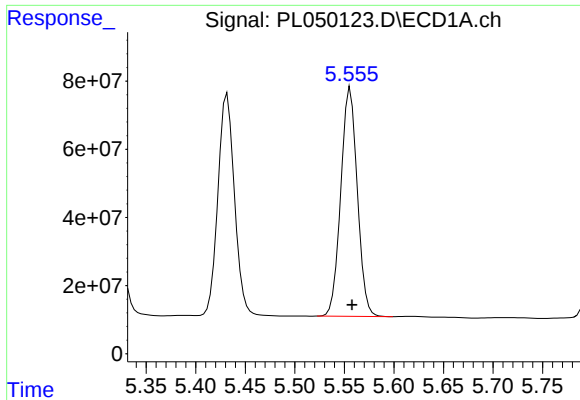
#12 4,4'-DDE

R.T.: 5.432 min  
Delta R.T.: -0.002 min  
Response: 762739470  
Conc: 45.79 ng/ml



#12 4,4'-DDE

R.T.: 6.262 min  
Delta R.T.: -0.004 min  
Response: 162387754  
Conc: 46.80 ng/ml



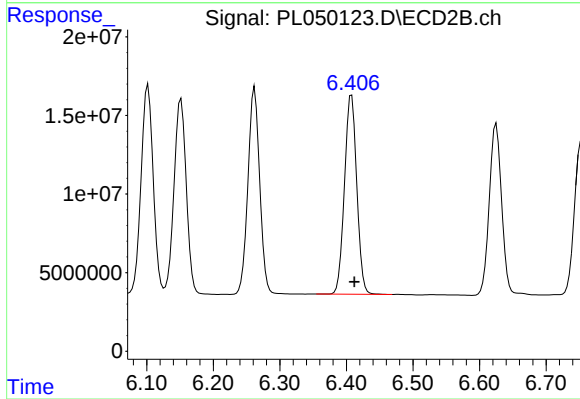
#13 Dieldrin

R.T.: 5.556 min  
Delta R.T.: -0.002 min  
Response: 778431571  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

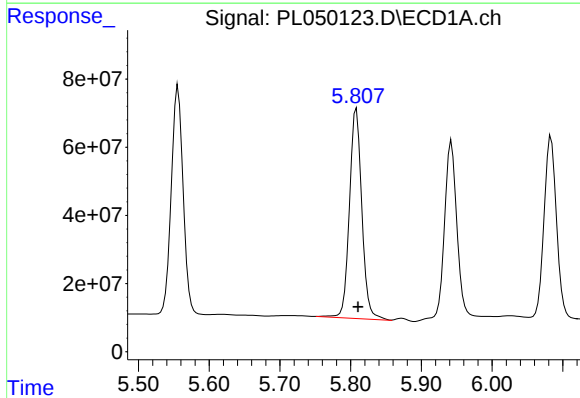
Manual Integrations  
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7/3/2019 9:00:30 AM



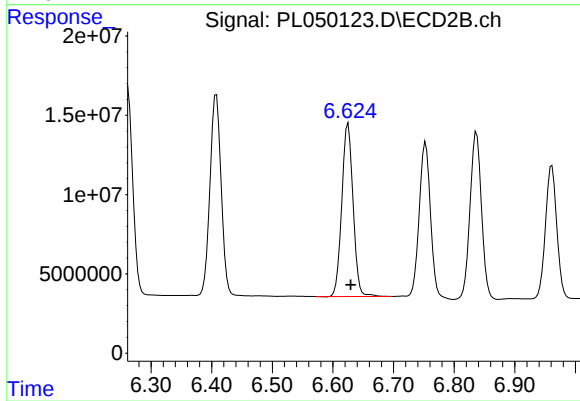
#13 Dieldrin

R.T.: 6.408 min  
Delta R.T.: -0.004 min  
Response: 162432602  
Conc: 45.79 ng/ml



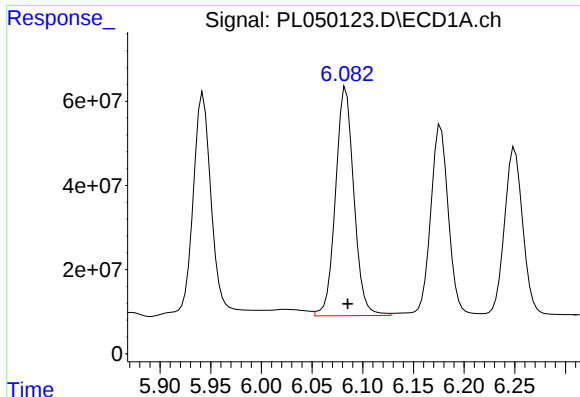
#14 Endrin

R.T.: 5.808 min  
Delta R.T.: -0.002 min  
Response: 753326265  
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 6.625 min  
Delta R.T.: -0.004 min  
Response: 140672091  
Conc: 44.56 ng/ml



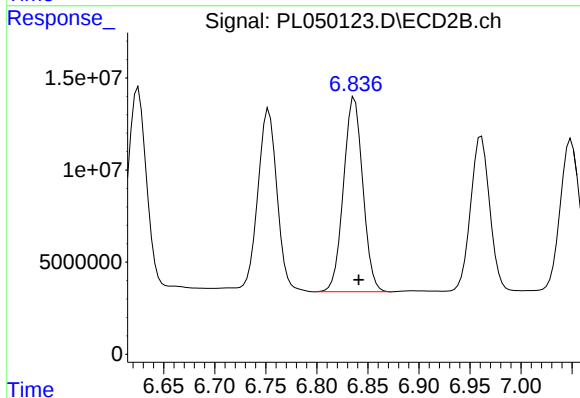
#15 Endosulfan II

R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 685198250  
Conc: 47.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

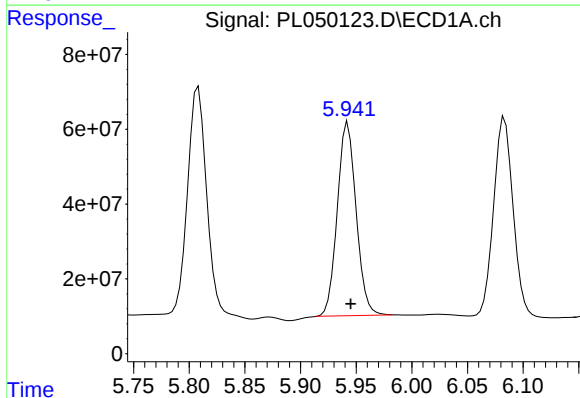
Manual Integrations  
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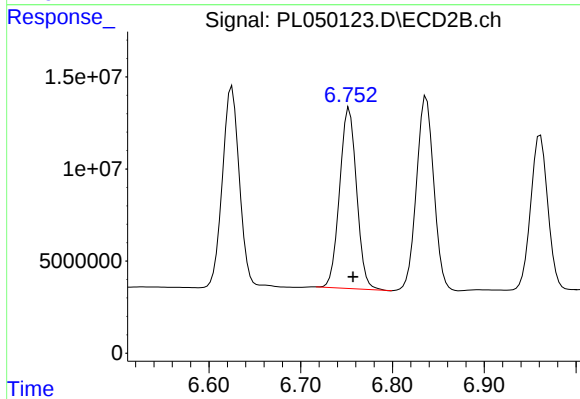
#15 Endosulfan II

R.T.: 6.837 min  
Delta R.T.: -0.004 min  
Response: 138777454  
Conc: 43.09 ng/ml



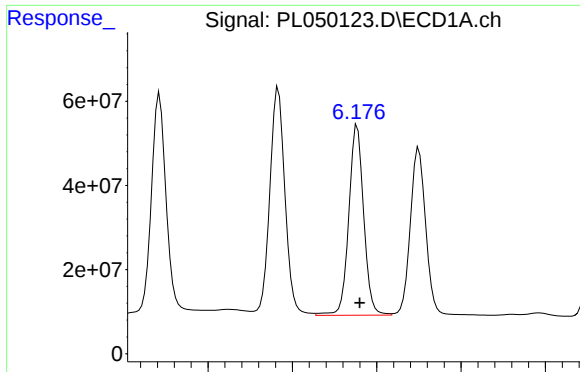
#16 4,4'-DDD

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 609251529  
Conc: 48.26 ng/ml m



#16 4,4'-DDD

R.T.: 6.753 min  
Delta R.T.: -0.004 min  
Response: 126313408  
Conc: 48.32 ng/ml



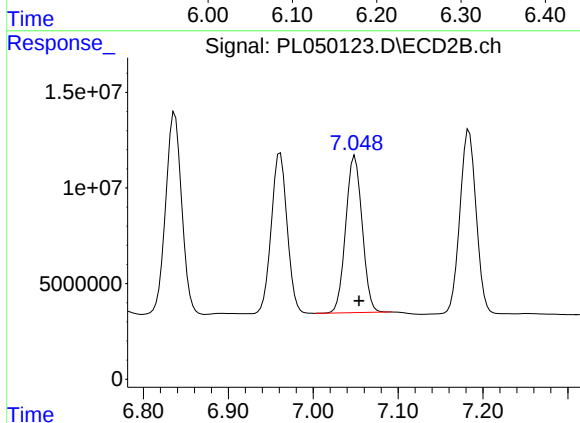
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.003 min  
Response: 556291781  
Conc: 41.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

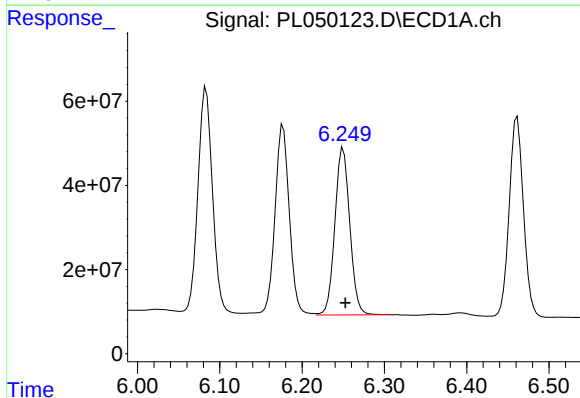
Manual Integrations  
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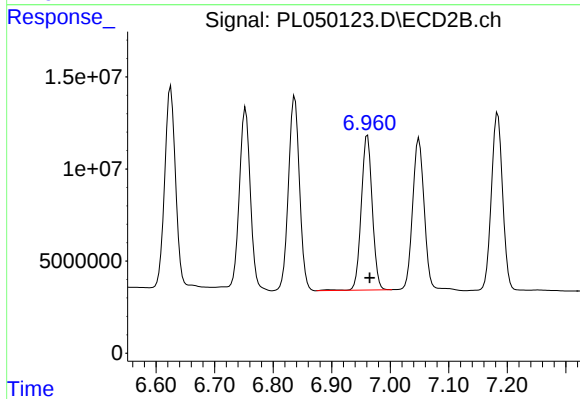
#17 4,4'-DDT

R.T.: 7.049 min  
Delta R.T.: -0.005 min  
Response: 109935358  
Conc: 37.54 ng/ml



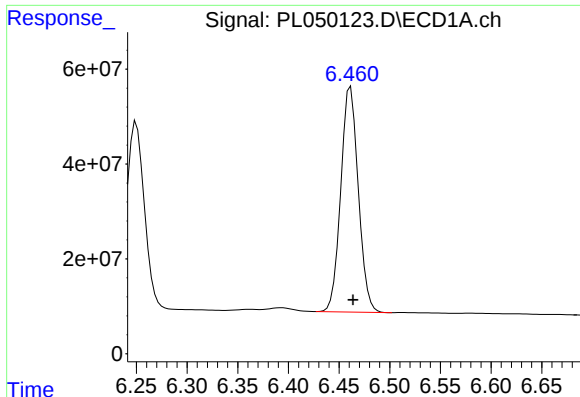
#18 Endrin aldehyde

R.T.: 6.250 min  
Delta R.T.: -0.003 min  
Response: 499798427  
Conc: 42.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.961 min  
Delta R.T.: -0.004 min  
Response: 109867034  
Conc: 40.00 ng/ml



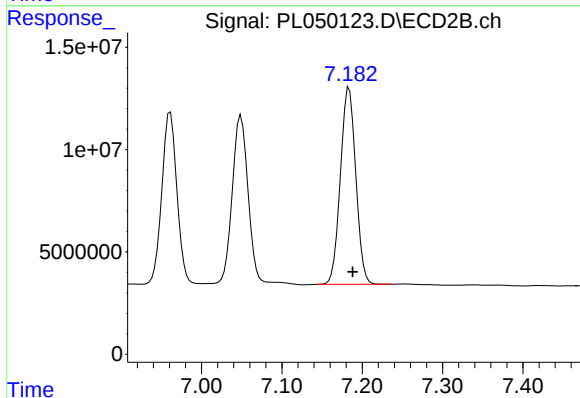
#19 Endosulfan Sulfate

R.T.: 6.461 min  
Delta R.T.: -0.003 min  
Response: 570843098  
Conc: 44.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

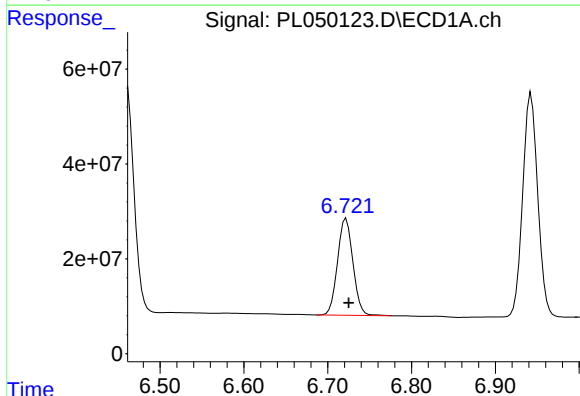
Manual Integrations  
APPROVED

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7/3/2019 9:00:30 AM



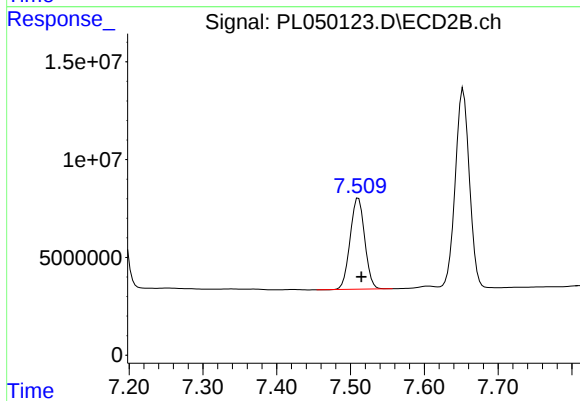
#19 Endosulfan Sulfate

R.T.: 7.184 min  
Delta R.T.: -0.004 min  
Response: 128138632  
Conc: 42.58 ng/ml



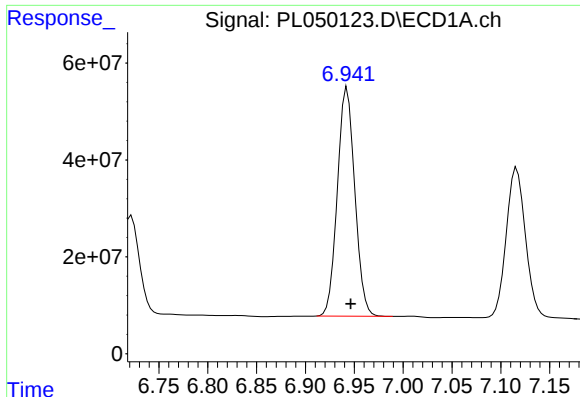
#20 Methoxychlor

R.T.: 6.722 min  
Delta R.T.: -0.003 min  
Response: 260680591  
Conc: 39.99 ng/ml



#20 Methoxychlor

R.T.: 7.511 min  
Delta R.T.: -0.004 min  
Response: 64031206  
Conc: 38.42 ng/ml



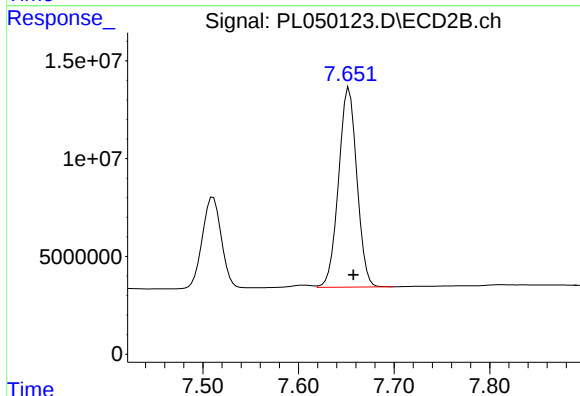
#21 Endrin ketone

R.T.: 6.943 min  
Delta R.T.: -0.004 min  
Response: 587854907  
Conc: 41.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

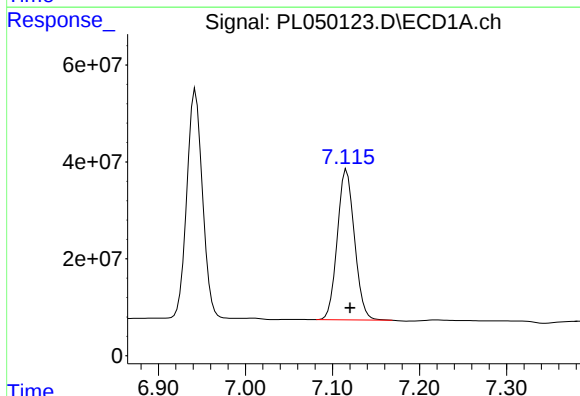
Manual Integrations  
APPROVED

Ankita  
7/3/2019 9:00:30 AM



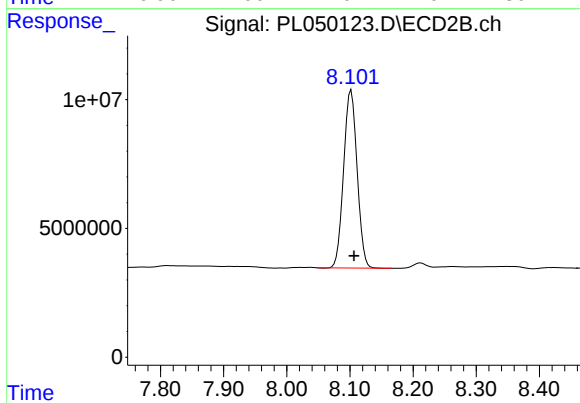
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: -0.004 min  
Response: 135775940  
Conc: 43.57 ng/ml



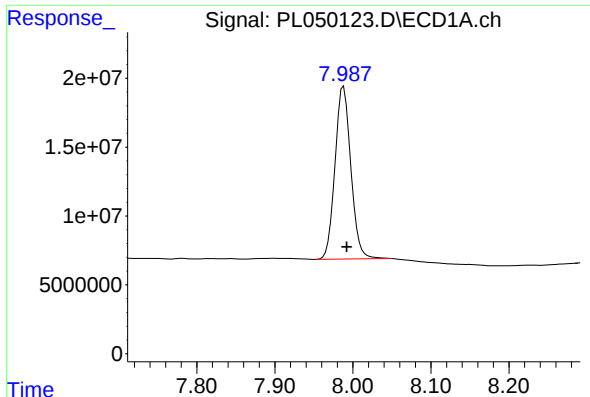
#22 Mirex

R.T.: 7.116 min  
Delta R.T.: -0.004 min  
Response: 425945177  
Conc: 41.21 ng/ml



#22 Mirex

R.T.: 8.102 min  
Delta R.T.: -0.005 min  
Response: 102379795  
Conc: 40.49 ng/ml



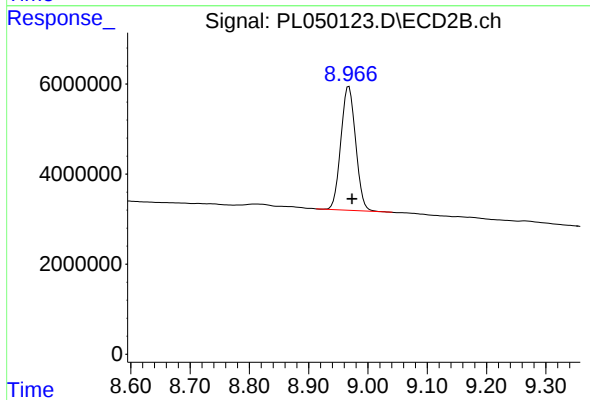
#28 Decachlorobiphenyl

R.T.: 7.988 min  
Delta R.T.: -0.004 min  
Response: 176583838  
Conc: 13.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-009-B218-062419MS

Manual Integrations  
APPROVED

Ankita  
7/3/2019 9:00:30 AM



#28 Decachlorobiphenyl

R.T.: 8.968 min  
Delta R.T.: -0.005 min  
Response: 47742321  
Conc: 14.22 ng/ml