

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022619\  
 Data File : PL045141.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Feb 2019 20:33  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleID :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 27 00:23:35 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 01:39:50 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|---------|
| -----                       |                 |       |       |         |          |        |         |
| System Monitoring Compounds |                 |       |       |         |          |        |         |
| 1)                          | SA Tetrachlo... | 3.364 | 3.981 | 345.2E6 | 110.0E6  | 48.507 | 46.820m |
| 28)                         | SA Decachlor... | 8.048 | 9.038 | 342.8E6 | 99565409 | 47.002 | 44.953  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.794 | 4.373 | 563.9E6 | 145.3E6  | 52.802 | 47.690  |
| 3)                          | MA gamma-BHC... | 4.071 | 4.656 | 485.6E6 | 138.4E6  | 49.357 | 47.759m |
| 4)                          | MA Heptachlor   | 4.359 | 5.164 | 497.5E6 | 141.5E6  | 48.293 | 46.437  |
| 5)                          | MB Aldrin       | 4.600 | 5.468 | 470.7E6 | 129.2E6  | 48.899 | 46.627  |
| 6)                          | B beta-BHC      | 4.324 | 4.827 | 203.1E6 | 63427485 | 48.071 | 47.870m |
| 7)                          | B delta-BHC     | 4.520 | 5.045 | 404.6E6 | 95420105 | 50.256 | 52.183  |
| 8)                          | B Heptachlo...  | 5.038 | 5.854 | 441.0E6 | 115.5E6  | 47.397 | 46.178  |
| 9)                          | A Endosulfan I  | 5.370 | 6.211 | 416.5E6 | 115.5E6  | 47.723 | 45.638  |
| 10)                         | B gamma-Chl...  | 5.261 | 6.089 | 458.6E6 | 126.9E6  | 47.520 | 45.721  |
| 11)                         | B alpha-Chl...  | 5.317 | 6.161 | 451.1E6 | 126.1E6  | 47.176 | 45.506  |
| 12)                         | B 4,4'-DDE      | 5.485 | 6.318 | 414.5E6 | 110.7E6  | 47.794 | 46.347  |
| 13)                         | MA Dieldrin     | 5.610 | 6.467 | 450.3E6 | 120.0E6  | 47.980 | 46.501  |
| 14)                         | MA Endrin       | 5.863 | 6.685 | 390.1E6 | 97835142 | 44.536 | 43.542  |
| 15)                         | B Endosulfa...  | 6.137 | 6.895 | 392.2E6 | 107.6E6  | 46.383 | 46.706  |
| 16)                         | A 4,4'-DDD      | 5.996 | 6.809 | 365.1E6 | 95954882 | 50.471 | 49.972  |
| 17)                         | MA 4,4'-DDT     | 6.231 | 7.107 | 297.7E6 | 80329229 | 41.512 | 40.946  |
| 18)                         | B Endrin al...  | 6.304 | 7.018 | 325.8E6 | 92587707 | 46.474 | 45.634  |
| 19)                         | B Endosulfa...  | 6.516 | 7.241 | 344.3E6 | 96424061 | 47.367 | 45.699  |
| 20)                         | A Methoxychlor  | 6.777 | 7.565 | 168.2E6 | 49248593 | 41.920 | 41.222  |
| 21)                         | B Endrin ke...  | 7.000 | 7.710 | 418.0E6 | 109.5E6  | 50.234 | 48.263  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022619\  
Data File : PL045141.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Feb 2019 20:33  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

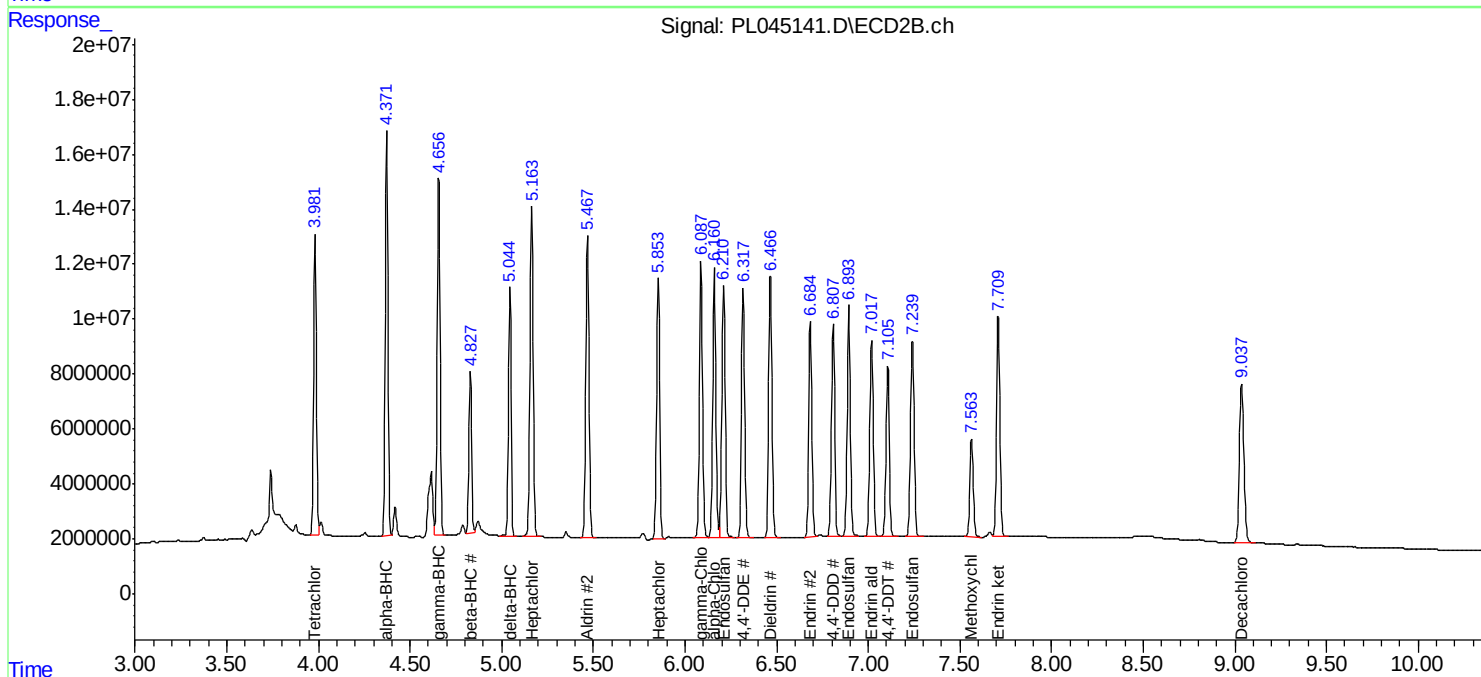
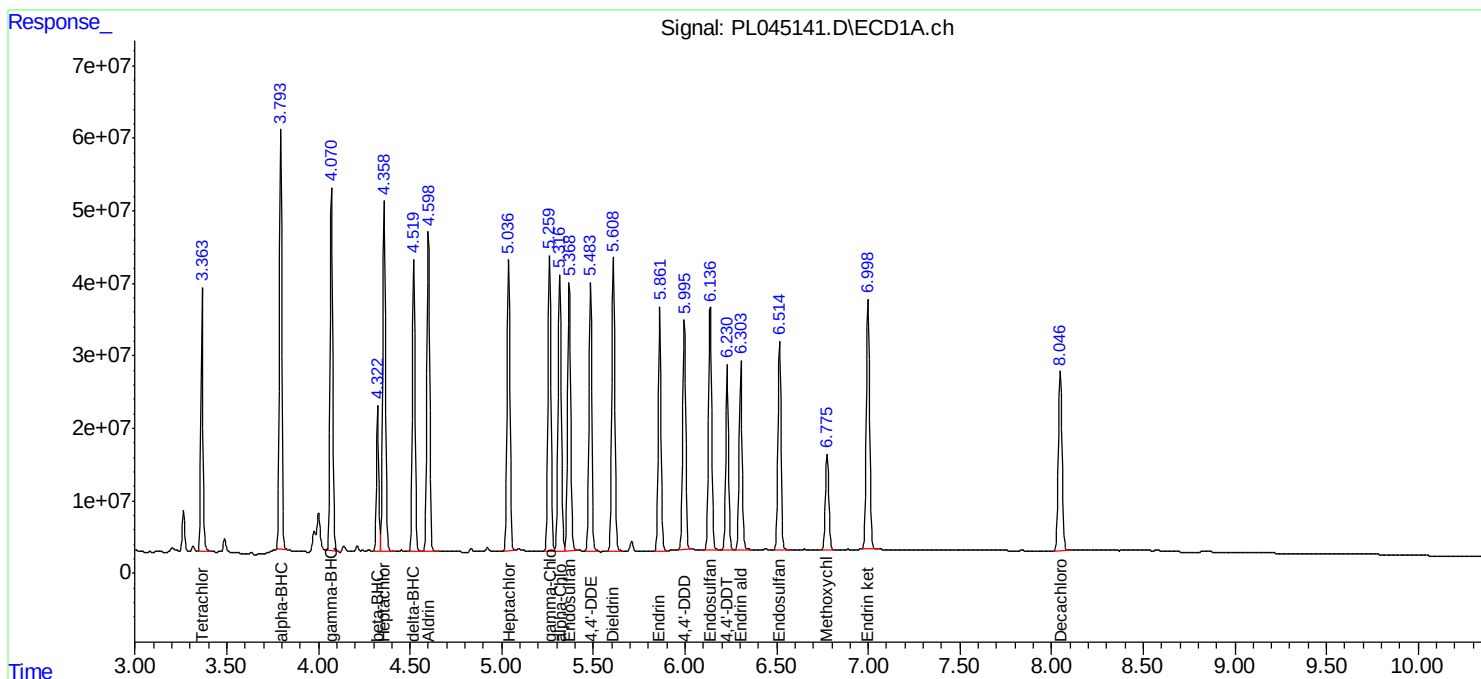
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

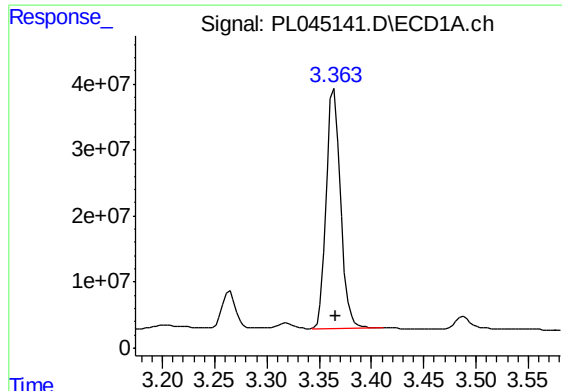
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 27 00:23:35 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020619.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 07 01:39:50 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





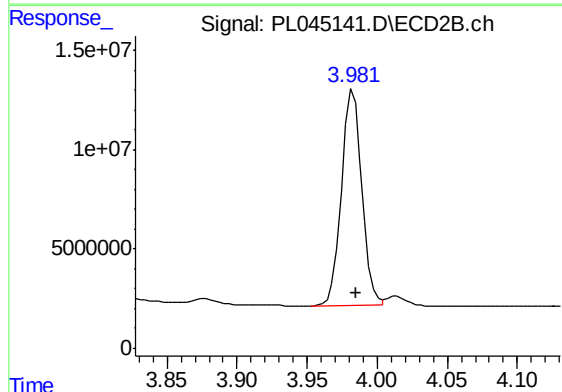
#1 Tetrachloro-m-xylene

R.T.: 3.364 min  
Delta R.T.: -0.002 min  
Response: 345165560  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

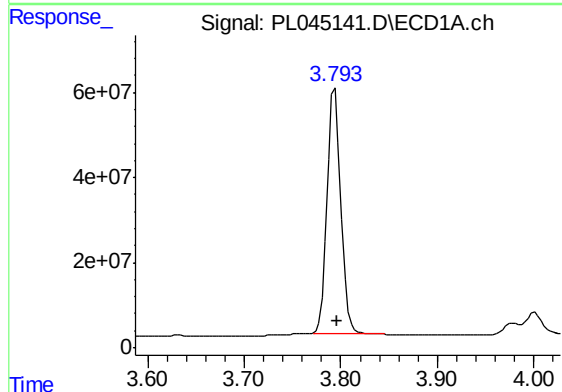
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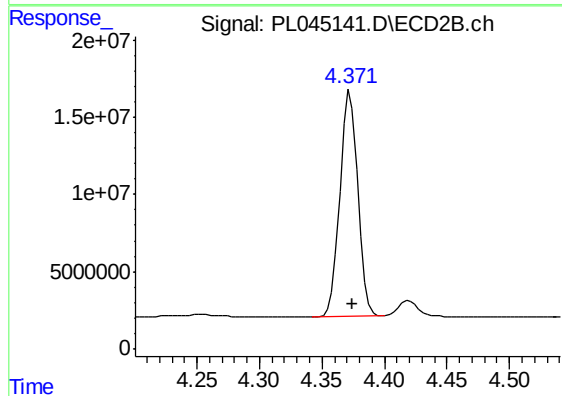
#1 Tetrachloro-m-xylene

R.T.: 3.981 min  
Delta R.T.: -0.004 min  
Response: 109988518  
Conc: 46.82 ng/ml m



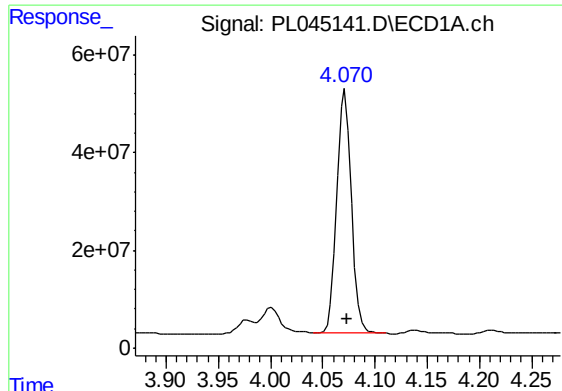
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: -0.002 min  
Response: 563932521  
Conc: 52.80 ng/ml



#2 alpha-BHC

R.T.: 4.373 min  
Delta R.T.: -0.001 min  
Response: 145268859  
Conc: 47.69 ng/ml



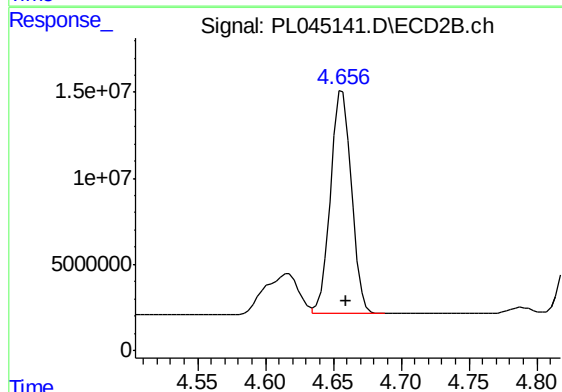
#3 gamma-BHC (Lindane)

R.T.: 4.071 min  
Delta R.T.: -0.002 min  
Response: 485605669  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

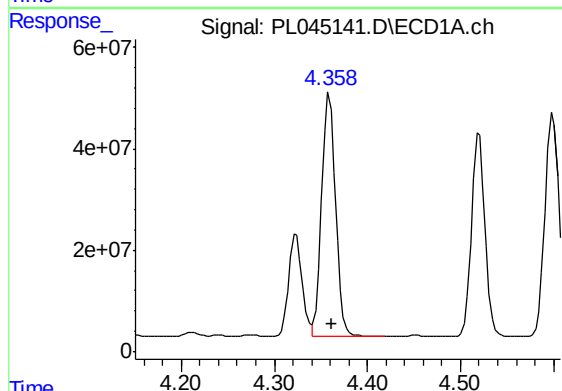
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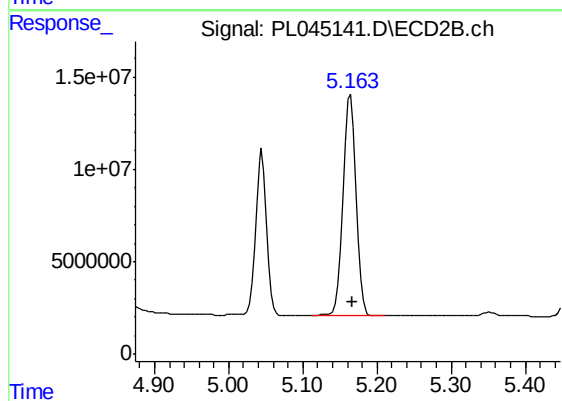
#3 gamma-BHC (Lindane)

R.T.: 4.656 min  
Delta R.T.: -0.003 min  
Response: 138364121  
Conc: 47.76 ng/ml m



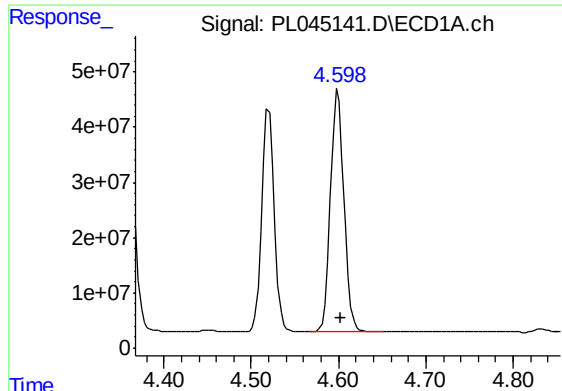
#4 Heptachlor

R.T.: 4.359 min  
Delta R.T.: -0.003 min  
Response: 497492621  
Conc: 48.29 ng/ml



#4 Heptachlor

R.T.: 5.164 min  
Delta R.T.: -0.002 min  
Response: 141450072  
Conc: 46.44 ng/ml



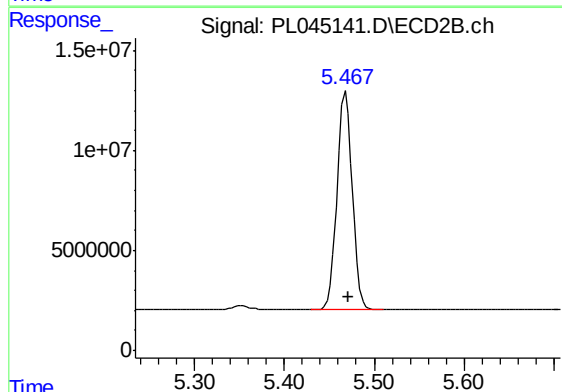
#5 Aldrin

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 470688238  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

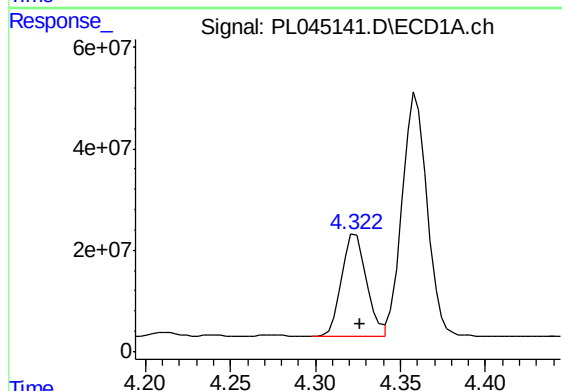
Manual Integrations  
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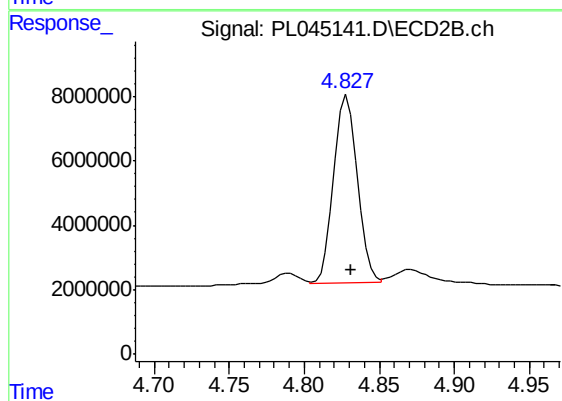
#5 Aldrin

R.T.: 5.468 min  
Delta R.T.: -0.003 min  
Response: 129207869  
Conc: 46.63 ng/ml



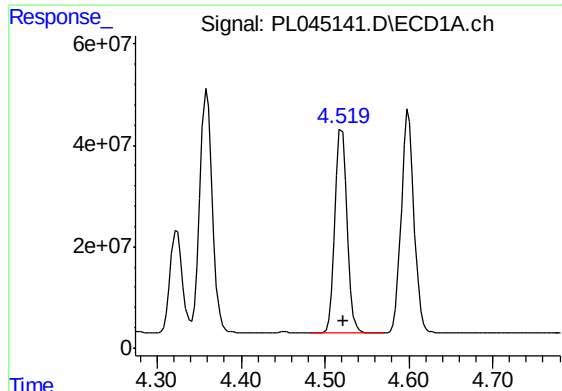
#6 beta-BHC

R.T.: 4.324 min  
Delta R.T.: -0.002 min  
Response: 203126556  
Conc: 48.07 ng/ml



#6 beta-BHC

R.T.: 4.827 min  
Delta R.T.: -0.004 min  
Response: 63427485  
Conc: 47.87 ng/ml m



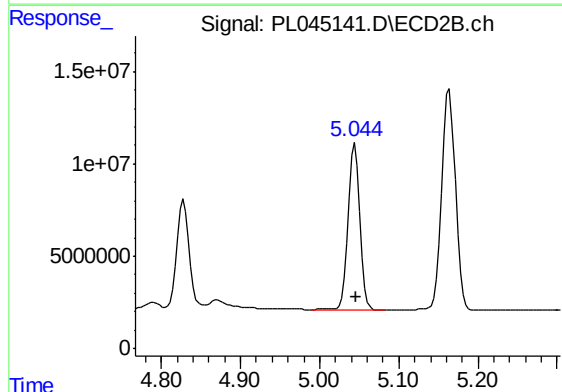
#7 delta-BHC

R.T.: 4.520 min  
Delta R.T.: -0.002 min  
Response: 404560480  
Conc: 50.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

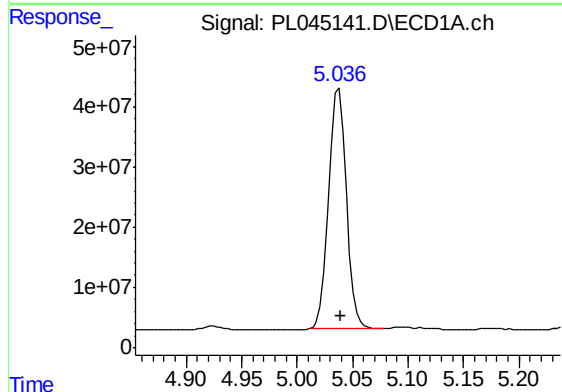
Manual Integrations  
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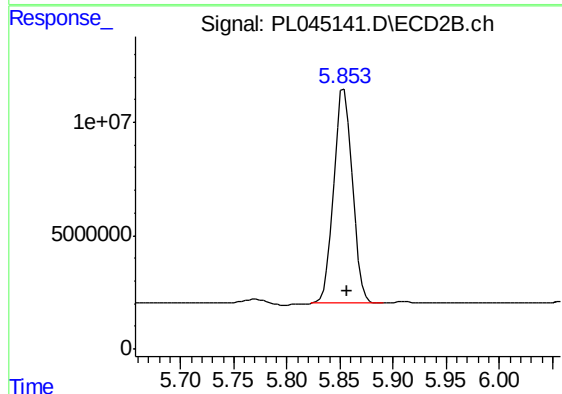
#7 delta-BHC

R.T.: 5.045 min  
Delta R.T.: -0.002 min  
Response: 95420105  
Conc: 52.18 ng/ml



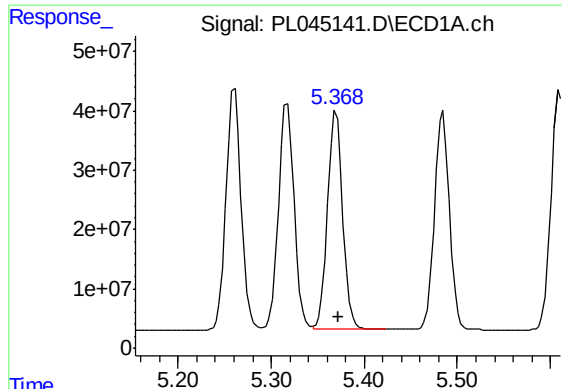
#8 Heptachlor epoxide

R.T.: 5.038 min  
Delta R.T.: -0.002 min  
Response: 441021594  
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

R.T.: 5.854 min  
Delta R.T.: -0.003 min  
Response: 115470050  
Conc: 46.18 ng/ml



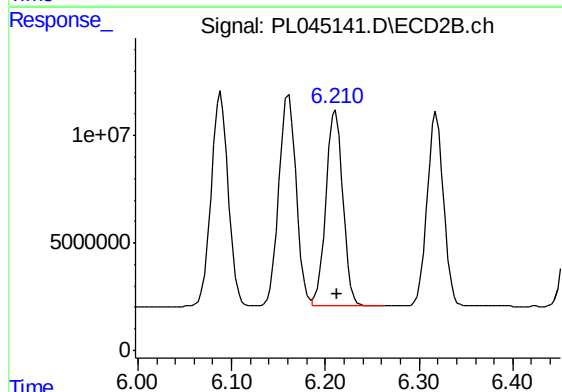
#9 Endosulfan I

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 416474504  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

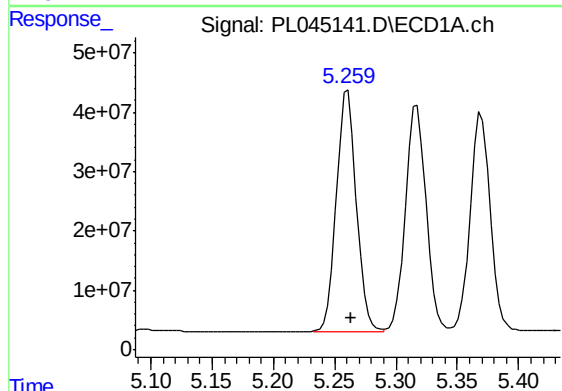
Manual Integrations  
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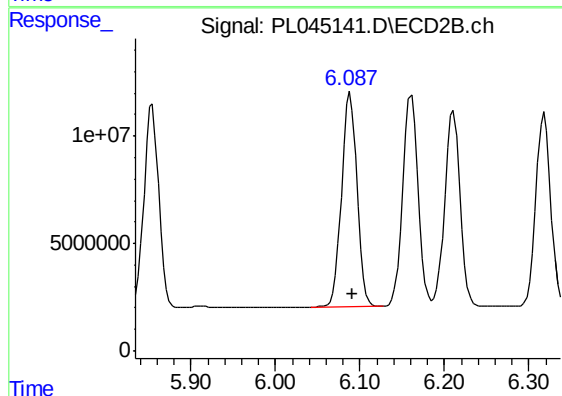
#9 Endosulfan I

R.T.: 6.211 min  
Delta R.T.: -0.002 min  
Response: 115456963  
Conc: 45.64 ng/ml



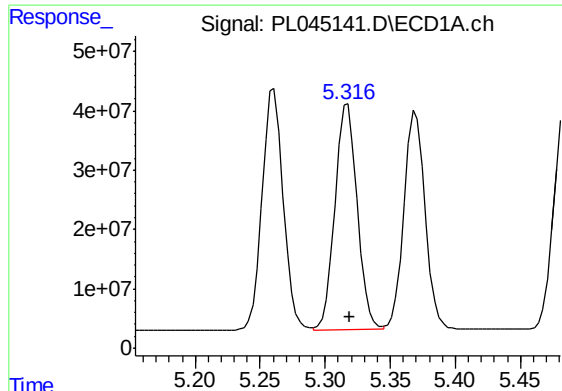
#10 gamma-Chlordane

R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 458619211  
Conc: 47.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.089 min  
Delta R.T.: -0.002 min  
Response: 126926627  
Conc: 45.72 ng/ml



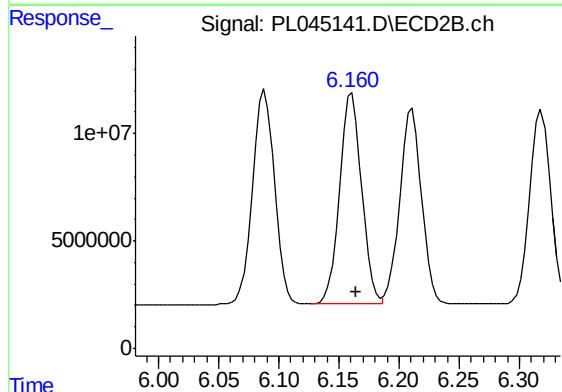
#11 alpha-Chlordane

R.T.: 5.317 min  
Delta R.T.: -0.002 min  
Response: 451068472  
Conc: 47.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

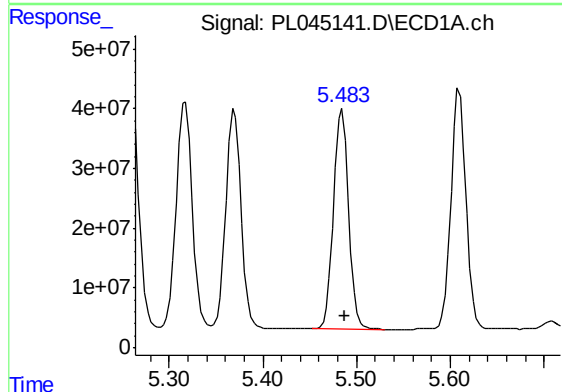
Manual Integrations  
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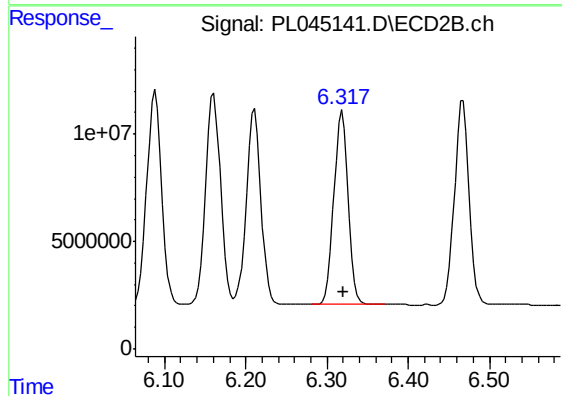
#11 alpha-Chlordane

R.T.: 6.161 min  
Delta R.T.: -0.003 min  
Response: 126087512  
Conc: 45.51 ng/ml



#12 4,4'-DDE

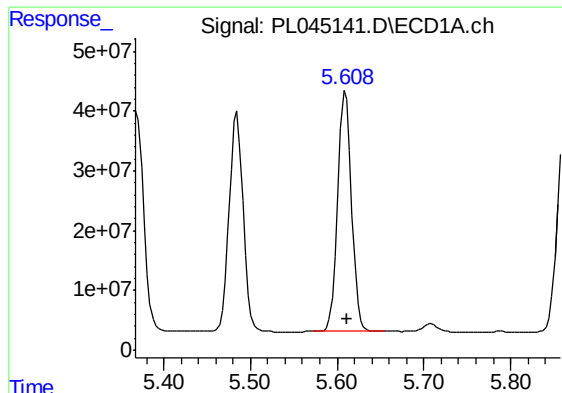
R.T.: 5.485 min  
Delta R.T.: -0.002 min  
Response: 414476674  
Conc: 47.79 ng/ml



#12 4,4'-DDE

R.T.: 6.318 min  
Delta R.T.: -0.003 min  
Response: 110659854  
Conc: 46.35 ng/ml





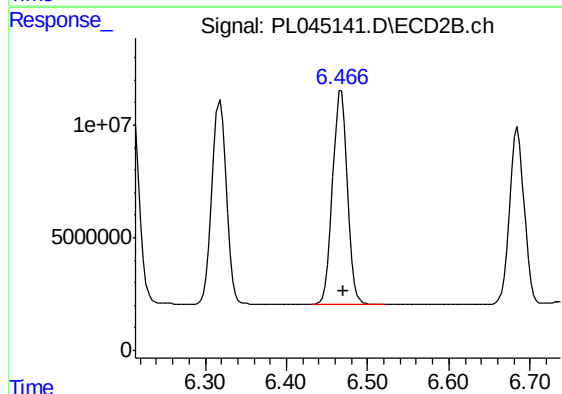
#13 Dieldrin

R.T.: 5.610 min  
Delta R.T.: -0.002 min  
Response: 450329844  
Conc: 47.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

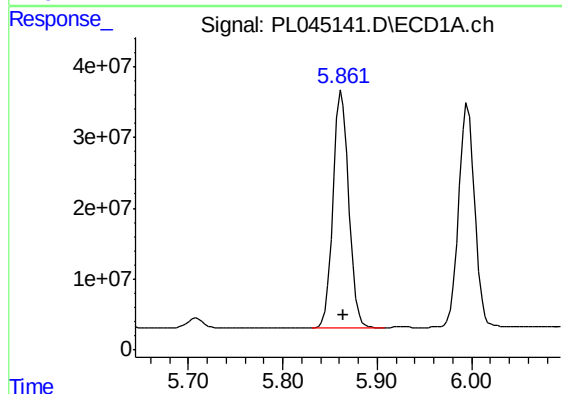
Manual Integrations  
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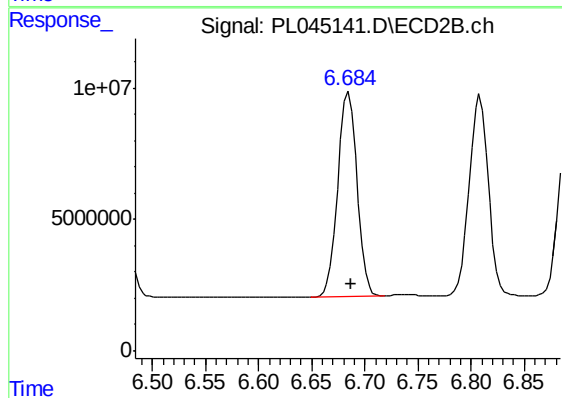
#13 Dieldrin

R.T.: 6.467 min  
Delta R.T.: -0.003 min  
Response: 119968331  
Conc: 46.50 ng/ml



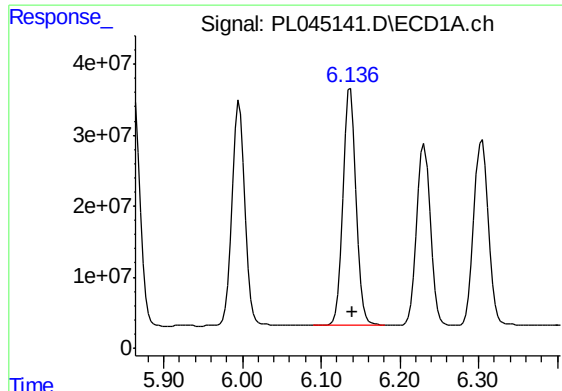
#14 Endrin

R.T.: 5.863 min  
Delta R.T.: -0.002 min  
Response: 390140248  
Conc: 44.54 ng/ml



#14 Endrin

R.T.: 6.685 min  
Delta R.T.: -0.002 min  
Response: 97835142  
Conc: 43.54 ng/ml



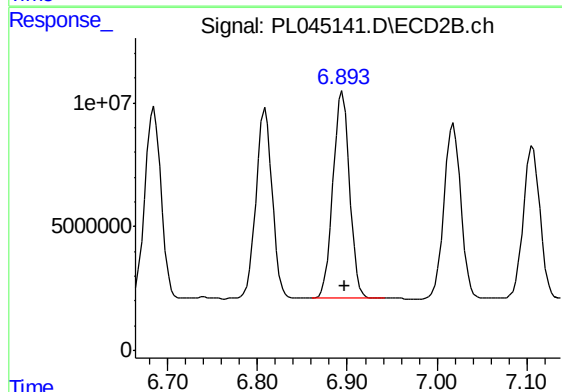
#15 Endosulfan II

R.T.: 6.137 min  
Delta R.T.: -0.002 min  
Response: 392201862  
Conc: 46.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

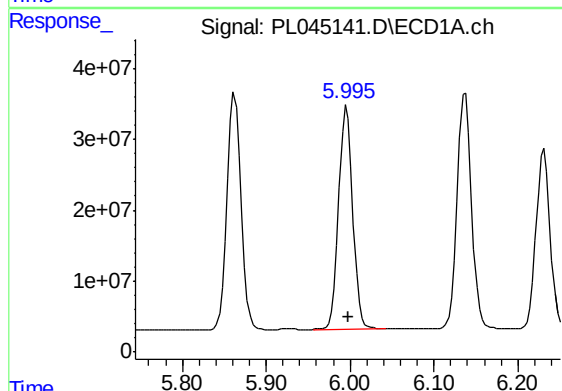
Manual Integrations  
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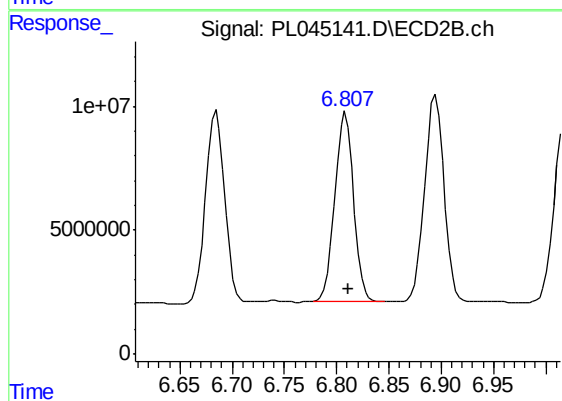
#15 Endosulfan II

R.T.: 6.895 min  
Delta R.T.: -0.002 min  
Response: 107575428  
Conc: 46.71 ng/ml



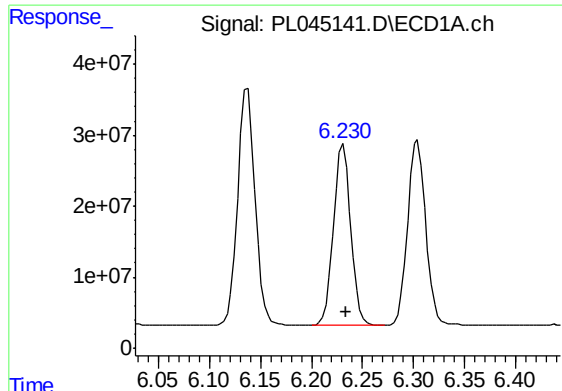
#16 4,4'-DDD

R.T.: 5.996 min  
Delta R.T.: -0.002 min  
Response: 365113962  
Conc: 50.47 ng/ml



#16 4,4'-DDD

R.T.: 6.809 min  
Delta R.T.: -0.002 min  
Response: 95954882  
Conc: 49.97 ng/ml



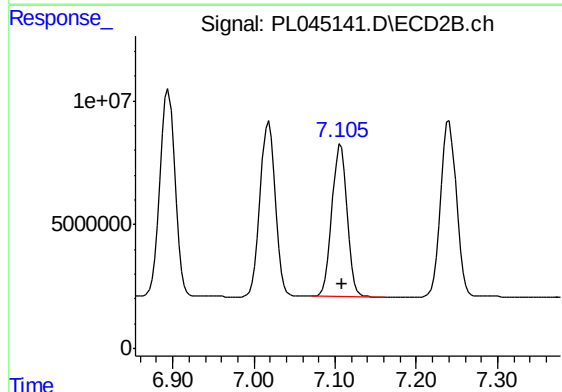
#17 4,4'-DDT

R.T.: 6.231 min  
Delta R.T.: -0.003 min  
Response: 297696903  
Conc: 41.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

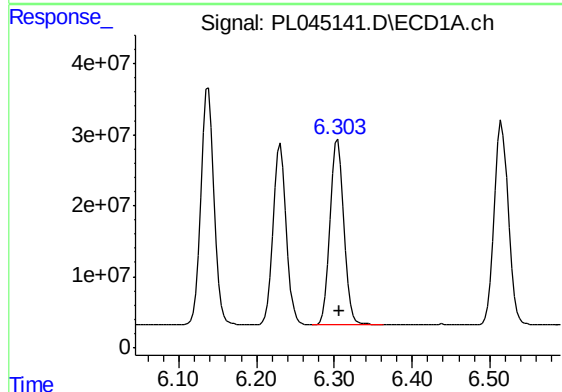
Manual Integrations  
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2/27/2019 3:17:40 PM



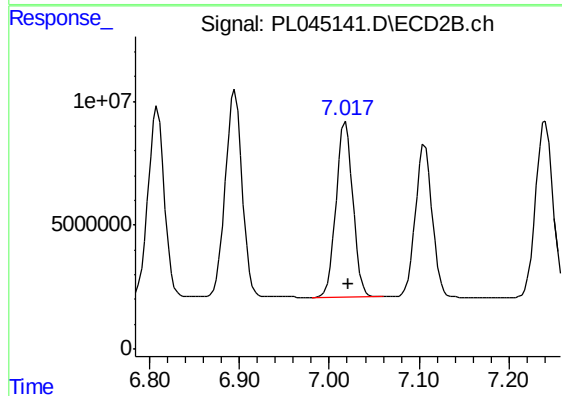
#17 4,4'-DDT

R.T.: 7.107 min  
Delta R.T.: -0.002 min  
Response: 80329229  
Conc: 40.95 ng/ml



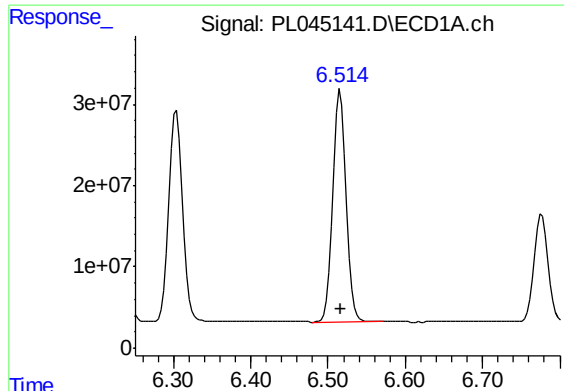
#18 Endrin aldehyde

R.T.: 6.304 min  
Delta R.T.: -0.003 min  
Response: 325806487  
Conc: 46.47 ng/ml



#18 Endrin aldehyde

R.T.: 7.018 min  
Delta R.T.: -0.003 min  
Response: 92587707  
Conc: 45.63 ng/ml



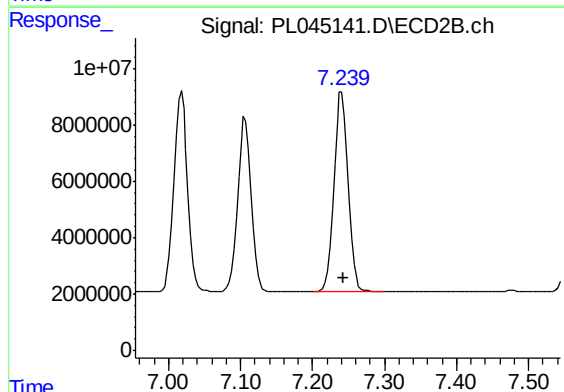
#19 Endosulfan Sulfate

R.T.: 6.516 min  
Delta R.T.: -0.001 min  
Response: 344254438  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

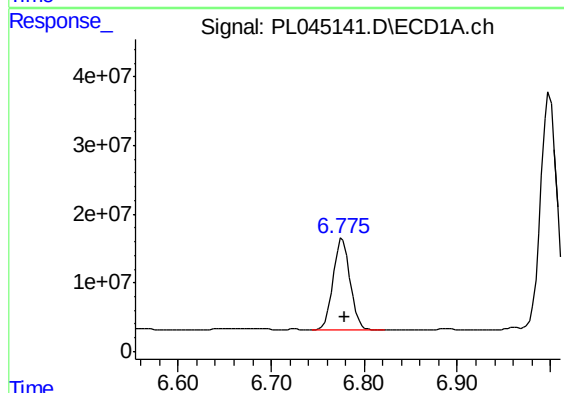
Manual Integrations  
APPROVED

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2/27/2019 3:17:40 PM



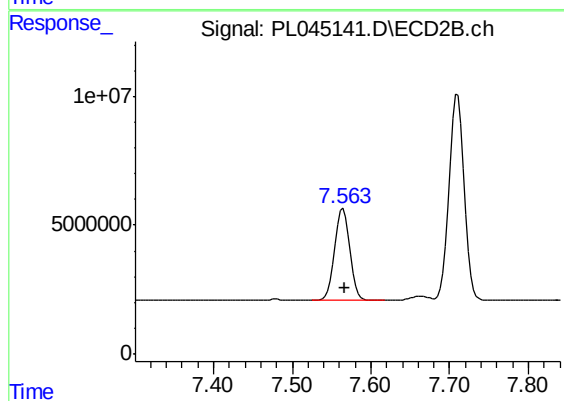
#19 Endosulfan Sulfate

R.T.: 7.241 min  
Delta R.T.: -0.002 min  
Response: 96424061  
Conc: 45.70 ng/ml



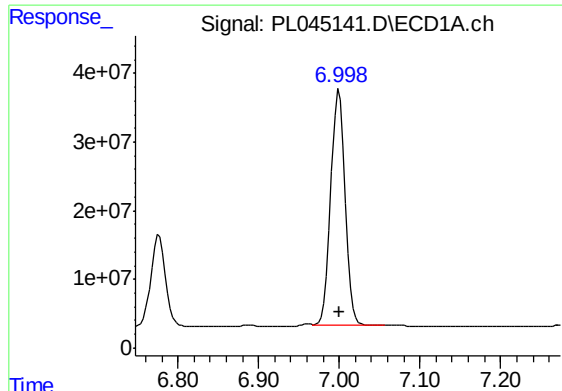
#20 Methoxychlor

R.T.: 6.777 min  
Delta R.T.: -0.002 min  
Response: 168225296  
Conc: 41.92 ng/ml



#20 Methoxychlor

R.T.: 7.565 min  
Delta R.T.: -0.002 min  
Response: 49248593  
Conc: 41.22 ng/ml



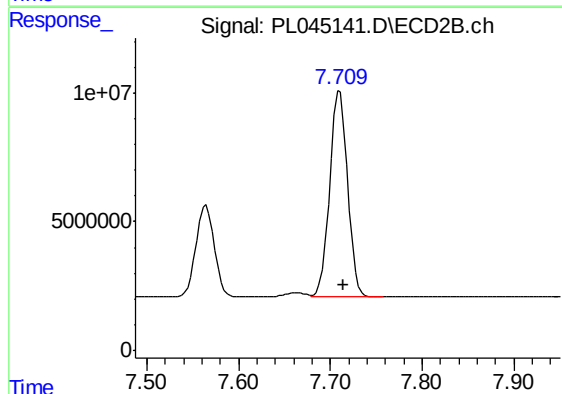
#21 Endrin ketone

R.T.: 7.000 min  
Delta R.T.: -0.001 min  
Response: 417955740  
Conc: 50.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

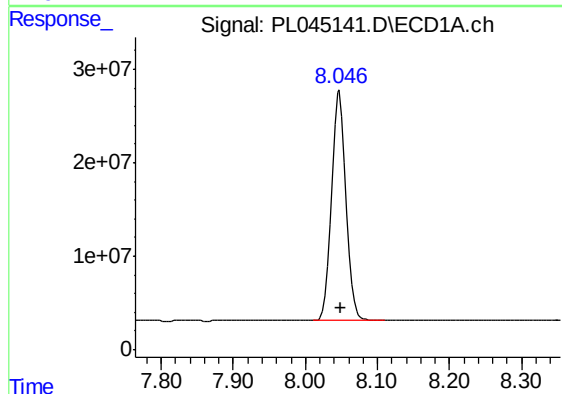
Manual Integrations  
APPROVED

Sohil  
2/27/2019 3:17:40 PM



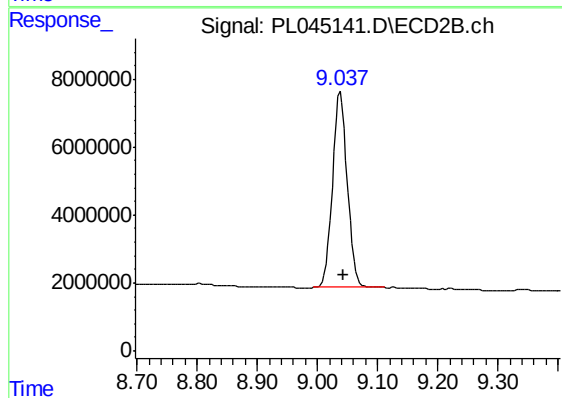
#21 Endrin ketone

R.T.: 7.710 min  
Delta R.T.: -0.004 min  
Response: 109535261  
Conc: 48.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.048 min  
Delta R.T.: -0.001 min  
Response: 342808382  
Conc: 47.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: -0.005 min  
Response: 99565409  
Conc: 44.95 ng/ml