

Data Path : S:\HPCHEM1\HPLC\_L\Data\HL083012\  
Data File : HL003437.D  
Signal(s) : VWD1A.CH  
Acq On : 30-Aug-2012, 23:22  
Operator : HLM  
Sample : D3904-01MS1  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

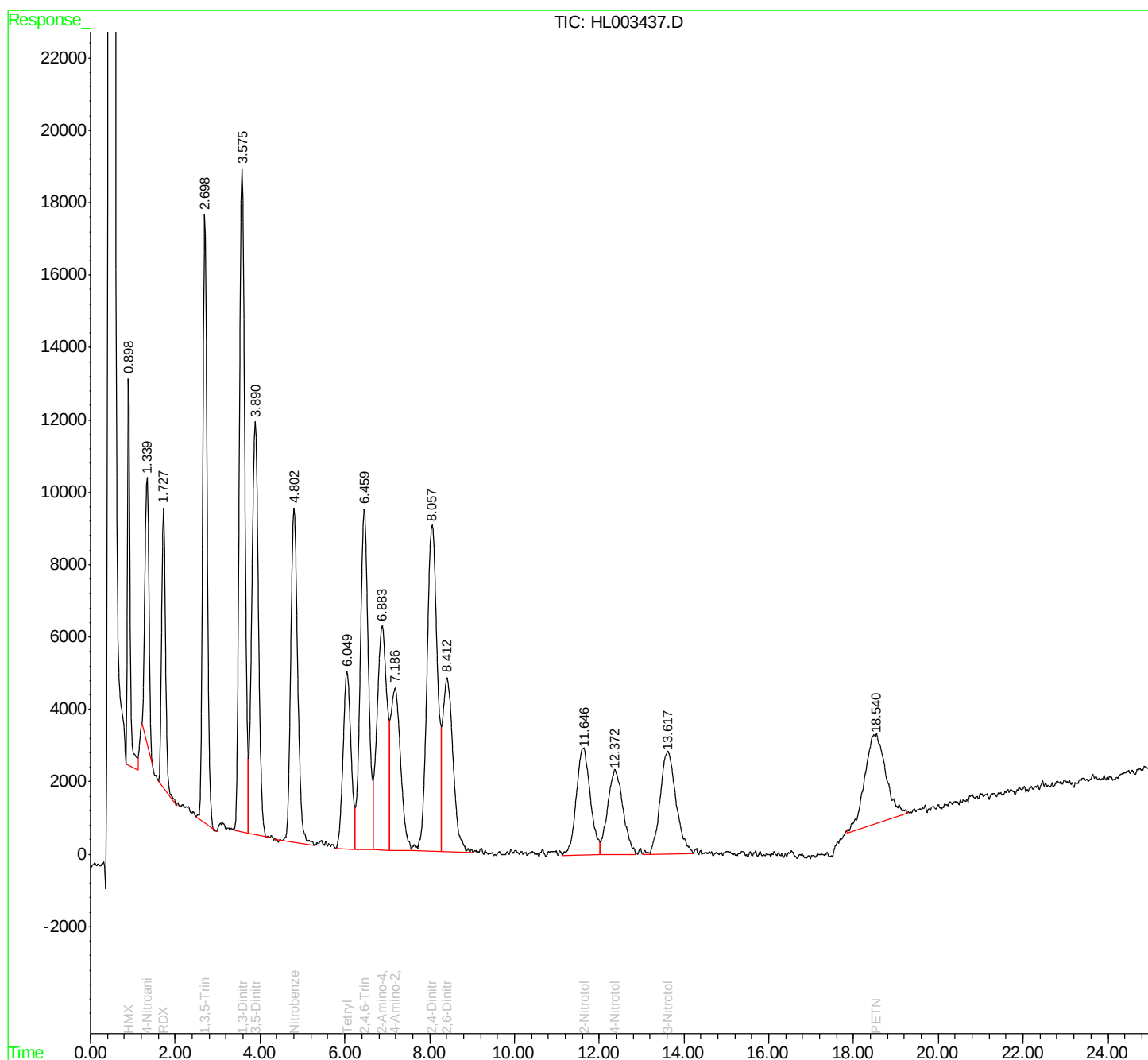
Instrument :  
HPLC\_L  
ClientSampleId :  
BG2-TP12-SP-01QAMS1

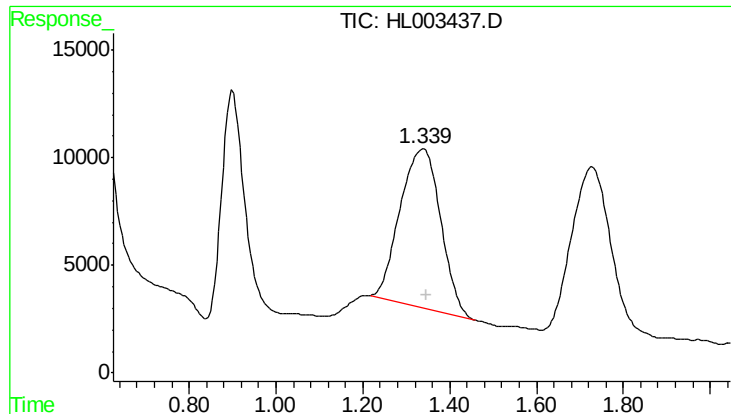
Manual Integrations  
APPROVED

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9/11/2012 4:22:39 AM

Integration File: events.e  
Quant Time: Sep 05 01:18:07 2012  
Quant Method : H:\VOL1\HPLC\HPLC\_L\METHODS\HL080312.M  
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
QLast Update : Fri Aug 31 10:52:41 2012  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. :  
Signal Phase :  
Signal Info :





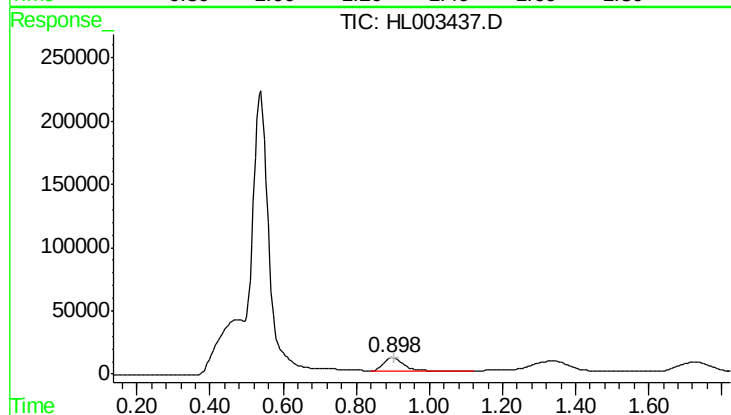
# #1 4-Nitroaniline

R.T.: 1.339 min  
 Delta R.T.: -0.009 min  
 Response: 478723  
 Conc: 130.53 ug/L

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 BG2-TP12-SP-01QAMS1

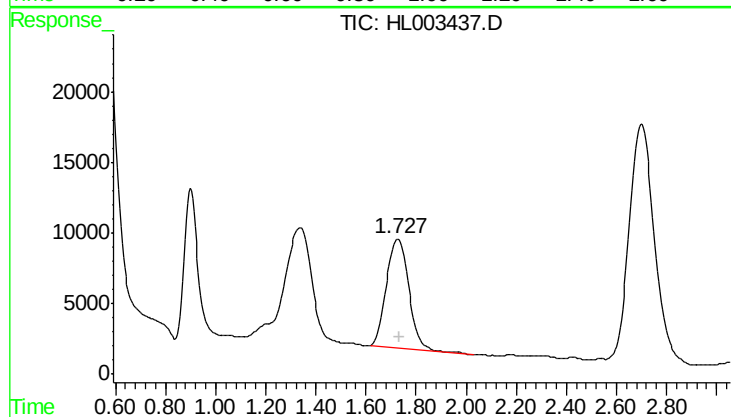
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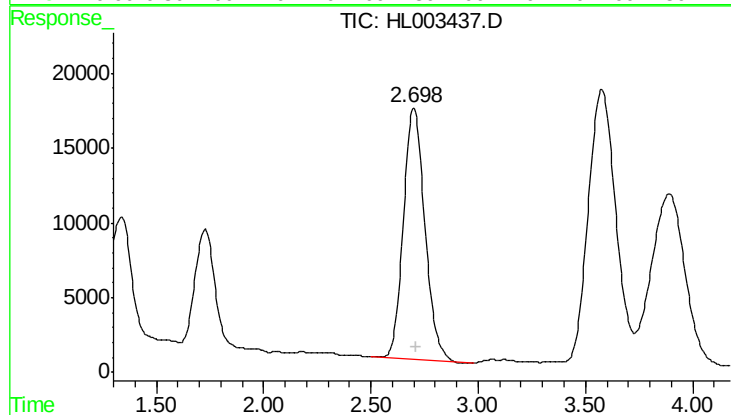
# #2 HMX

R.T.: 0.900 min  
 Delta R.T.: -0.004 min  
 Response: 423346  
 Conc: 104.15 ug/L



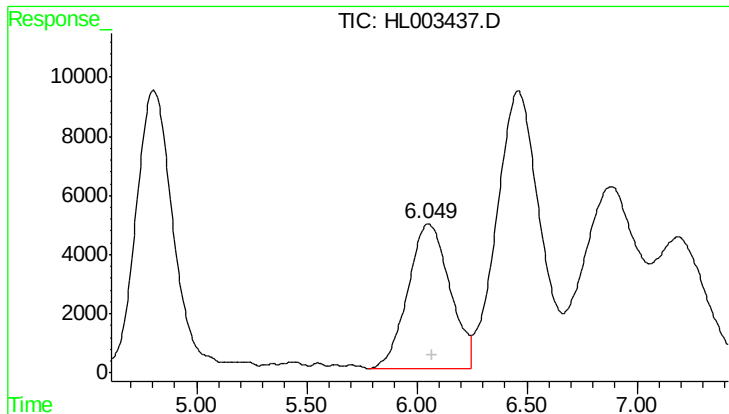
# #3 RDX

R.T.: 1.729 min  
 Delta R.T.: -0.007 min  
 Response: 490345  
 Conc: 96.05 ug/L



# #4 1,3,5-Trinitrobenzene

R.T.: 2.700 min  
 Delta R.T.: -0.008 min  
 Response: 1172635  
 Conc: 96.78 ug/L



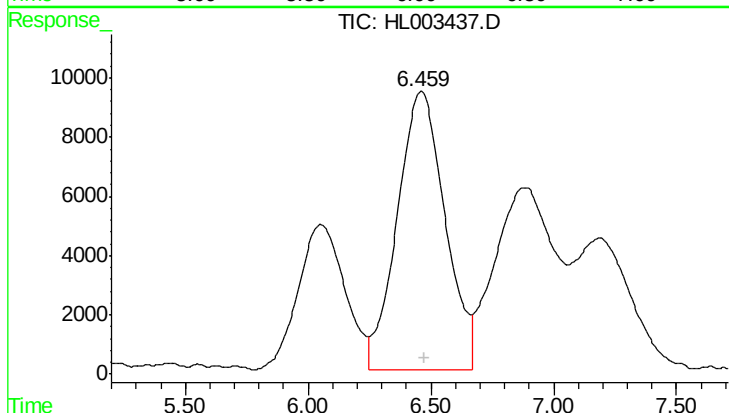
# #5 Tetryl

R.T.: 6.052 min  
 Delta R.T.: -0.015 min  
 Response: 648846  
 Conc: 75.11 ug/L

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 BG2-TP12-SP-01QAMS1

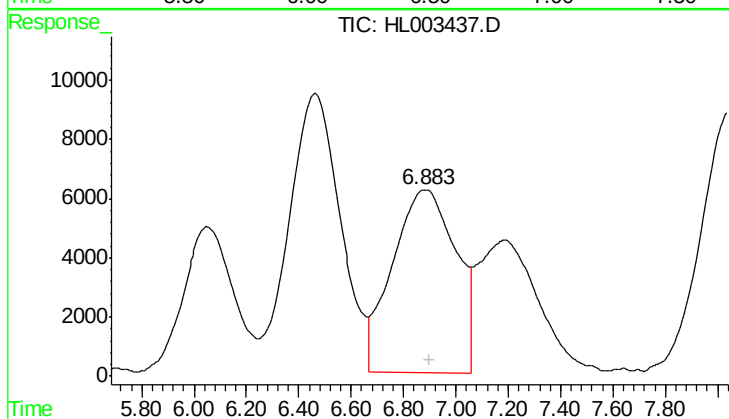
Manual Integrations  
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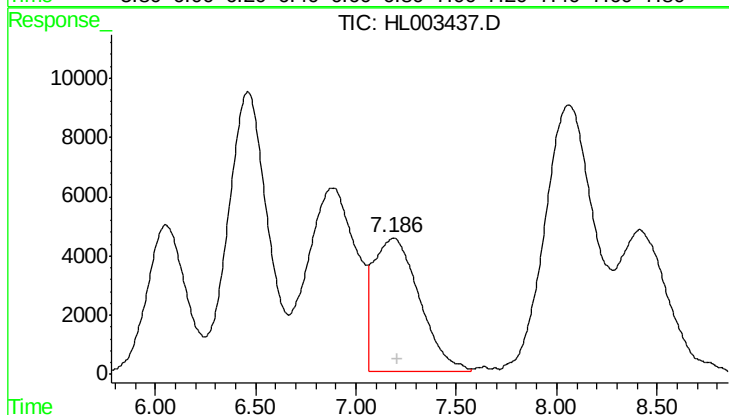
# #6 2,4,6-Trinitrotoluene

R.T.: 6.461 min  
 Delta R.T.: -0.014 min  
 Response: 1273953  
 Conc: 115.94 ug/L



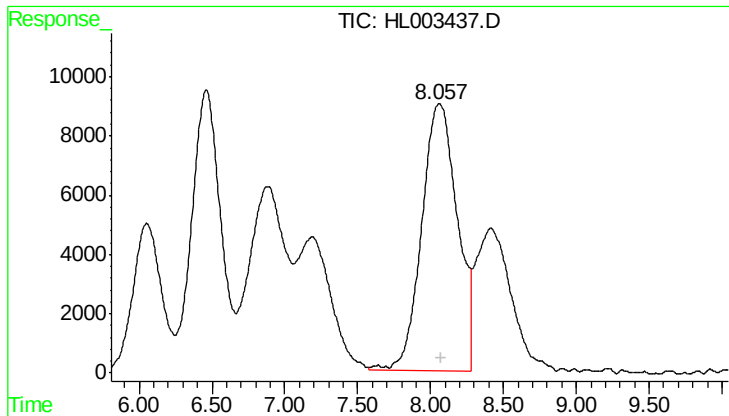
# #7 2-Amino-4,6-dinitrotoluene

R.T.: 6.884 min  
 Delta R.T.: -0.014 min  
 Response: 1040548  
 Conc: 102.44 ug/L



# #8 4-Amino-2,6-dinitrotoluene

R.T.: 7.187 min  
 Delta R.T.: -0.017 min  
 Response: 724323  
 Conc: 101.40 ug/L



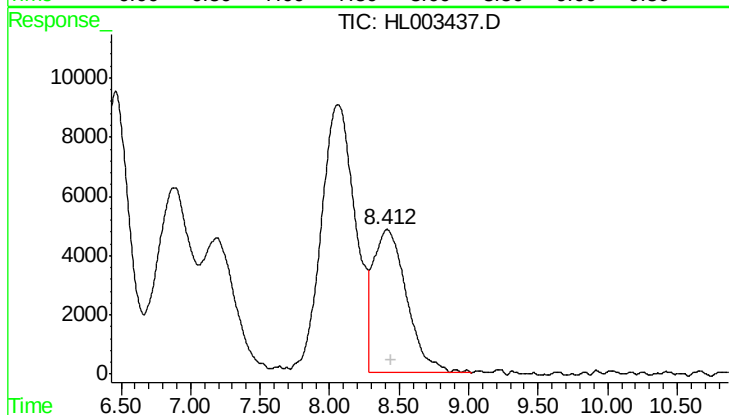
#9 2,4-Dinitrotoluene

R.T.: 8.061 min  
Delta R.T.: -0.015 min  
Response: 1539186  
Conc: 102.02 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
BG2-TP12-SP-01QAMS1

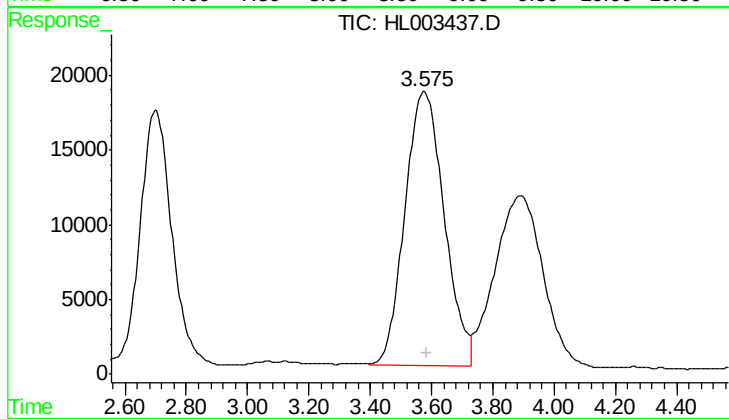
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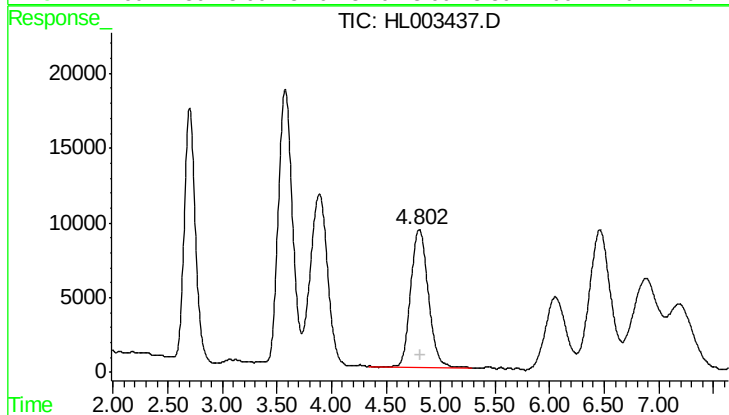
#10 2,6-Dinitrotoluene

R.T.: 8.414 min  
Delta R.T.: -0.025 min  
Response: 817834  
Conc: 96.47 ug/L



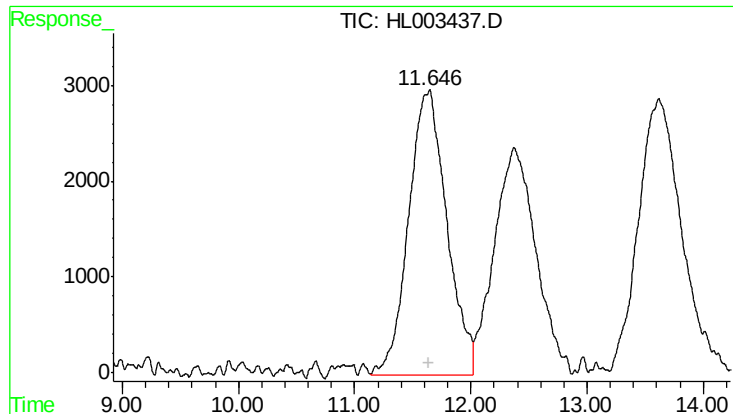
#11 1,3-Dinitrobenzene

R.T.: 3.577 min  
Delta R.T.: -0.009 min  
Response: 1624540  
Conc: 101.00 ug/L



#12 Nitrobenzene

R.T.: 4.804 min  
Delta R.T.: -0.010 min  
Response: 1044579  
Conc: 99.66 ug/L



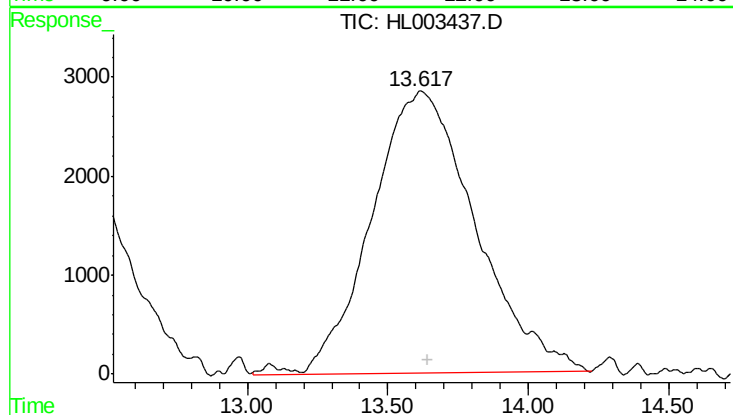
#13 2-Nitrotoluene

R.T.: 11.639 min  
Delta R.T.: -0.004 min  
Response: 679875  
Conc: 102.93 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
BG2-TP12-SP-01QAMS1

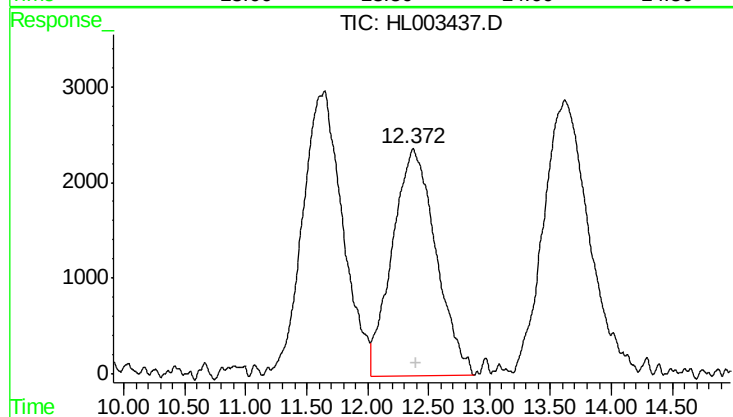
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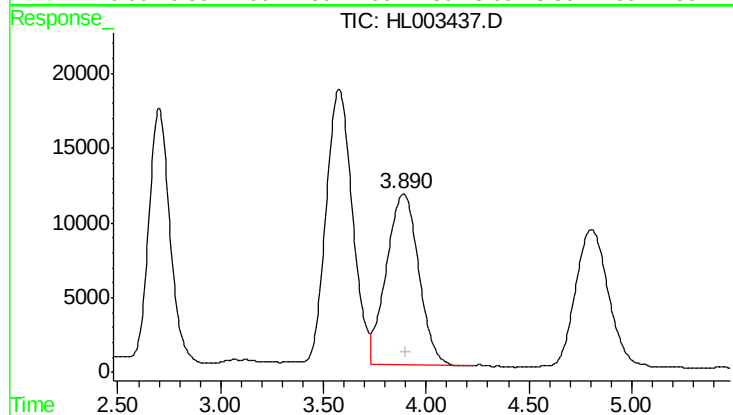
#14 3-Nitrotoluene

R.T.: 13.621 min  
Delta R.T.: -0.020 min  
Response: 737166  
Conc: 105.73 ug/L



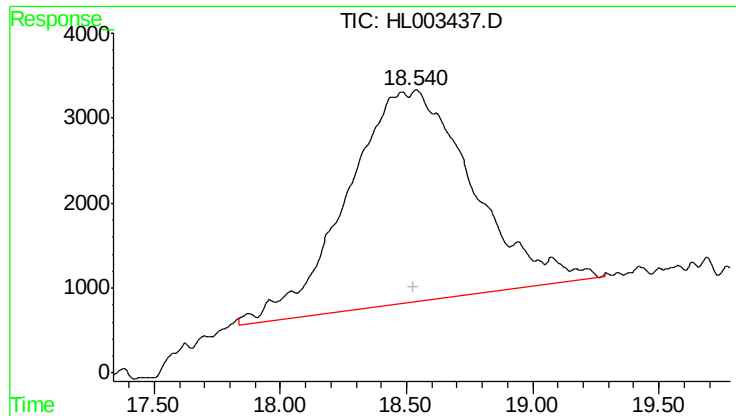
#15 4-Nitrotoluene

R.T.: 12.375 min  
Delta R.T.: -0.018 min  
Response: 590508  
Conc: 107.25 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.891 min  
Delta R.T.: -0.009 min  
Response: 1245307  
Conc: 89.62 ug/L



#18 PETN

R.T.: 18.540 min  
Delta R.T.: 0.013 min  
Response: 861409  
Conc: 87.81 ug/L m

Instrument :  
HPLC\_L  
ClientSampleId :  
BG2-TP12-SP-01QAMS1

Manual Integrations  
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Data Path : S:\HPCHEM1\HPLC\_L\Data\HL083012\  
 Data File : HL003437.D  
 Signal(s) : VWD1A.CH  
 Acq On : 30-Aug-2012, 23:22  
 Operator : HLM  
 Sample : D3904-01MS1  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 BG2-TP12-SP-01QAMS1

Manual Integrations  
 APPROVED

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 9/11/2012 4:22:39 AM

Integration File: events.e  
 Quant Time: Sep 05 01:18:07 2012  
 Quant Method : H:\VOL1\HPLC\HPLC\_L\METHODS\HL080312.M  
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 QLast Update : Fri Aug 31 10:52:41 2012  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. :  
 Signal Phase :  
 Signal Info :

| Compound                      | R.T.           | Response   | Conc Units     |
|-------------------------------|----------------|------------|----------------|
| -----                         |                |            |                |
| System Monitoring Compounds   |                |            |                |
| 1) S 4-Nitroaniline           | 1.339          | 478723     | 130.527 ug/L m |
| Spiked Amount 300.000         | Range 37 - 149 | Recovery = | 43.51%         |
| Target Compounds              |                |            |                |
| 2) T HMX                      | 0.900          | 423346     | 104.150 ug/L   |
| 3) T RDX                      | 1.729          | 490345     | 96.050 ug/L    |
| 4) T 1,3,5-Trinitrobenzene    | 2.700          | 1172635    | 96.777 ug/L    |
| 5) T Tetryl                   | 6.052          | 648846     | 75.113 ug/L    |
| 6) T 2,4,6-Trinitrotoluene    | 6.461          | 1273953    | 115.943 ug/L   |
| 7) T 2-Amino-4,6-dinitroto... | 6.884          | 1040548    | 102.444 ug/L   |
| 8) T 4-Amino-2,6-dinitroto... | 7.187          | 724323     | 101.398 ug/L   |
| 9) T 2,4-Dinitrotoluene       | 8.061          | 1539186    | 102.016 ug/L   |
| 10) T 2,6-Dinitrotoluene      | 8.414          | 817834     | 96.466 ug/L    |
| 11) T 1,3-Dinitrobenzene      | 3.577          | 1624540    | 100.996 ug/L   |
| 12) T Nitrobenzene            | 4.804          | 1044579    | 99.657 ug/L    |
| 13) T 2-Nitrotoluene          | 11.639         | 679875     | 102.933 ug/L   |
| 14) T 3-Nitrotoluene          | 13.621         | 737166     | 105.734 ug/L   |
| 15) T 4-Nitrotoluene          | 12.375         | 590508     | 107.249 ug/L   |
| 16) T 3,5-Dinitroaniline      | 3.891          | 1245307    | 89.623 ug/L    |
| 18) T PETN                    | 18.540         | 861409     | 87.806 ug/L m  |
| -----                         |                |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.