

Data File : S:\HPCHEM1\HPLC\_N\DATA\HN012114\HN005814.D Vial: 24  
 Acq On : 22-Jan-2014, 02:12 Operator: QM  
 Sample : HSTDCCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jan 24 14:47 2014 Quant Results File: HN012114.RES

Instrument :  
 HPLC\_N  
 LabSampleId :  
 HSTDCCC0500

Manual Integrations  
 APPROVED

QI  
 1/24/2014 4:50:57 PM

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN012114.M  
 Title :  
 Last Update : Fri Jan 24 13:04:26 2014  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
 Signal Phase : ZORBAX Extend-C18  
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

| Compound                         | R.T.  | Response | Conc Units     |
|----------------------------------|-------|----------|----------------|
| -----                            |       |          |                |
| System Monitoring Compounds      |       |          |                |
| 1) S 4-Nitroaniline              | 1.31  | 2172083  | 576.601 ug/L   |
| Target Compounds                 |       |          |                |
| 2) T HMX                         | 0.88  | 2108943  | 491.752 ug/L   |
| 3) T RDX                         | 1.68  | 2782016  | 485.093 ug/L   |
| 4) T 1,3,5-Trinitrobenzene       | 2.63  | 5287483  | 491.280 ug/L   |
| 5) T 1,3-Dinitrobenzene          | 3.48  | 8098819  | 502.022 ng/ml  |
| 6) T 3,5-Dinitroaniline          | 3.83  | 6250348  | 499.404 ug/L   |
| 7) T Nitrobenzene                | 4.65  | 5120233  | 476.265 ug/L   |
| 8) T Tetryl                      | 6.12  | 3430797  | 497.534 ug/L   |
| 9) T 2,4,6-Trinitrotoluene       | 6.41  | 5221920  | 489.847 ug/L   |
| 10) T 2-Amino-4,6-dinitrotoluene | 6.89  | 5411017  | 473.405 ug/L   |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.23  | 3268780  | 565.510 ug/L   |
| 12) T 2,4-Dinitrotoluene         | 8.00  | 7541850  | 492.979 ug/L   |
| 13) T 2,6-Dinitrotoluene         | 8.38  | 4448391  | 527.036 ug/L   |
| 14) T 2-Nitrotoluene             | 11.48 | 3154048  | 476.516 ug/L m |
| 15) T 4-Nitrotoluene             | 12.23 | 2502951  | 468.678 ug/L m |
| 16) T 3-Nitrotoluene             | 13.45 | 3282725  | 491.881 ug/L m |
| 17) T PETN                       | 18.63 | 3891733  | 467.213 ug/L m |

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 Analyst Signature:\_\_\_\_\_ Analyst Name:\_\_\_\_\_ Date:\_\_\_\_\_

-----REASONS FOR MANUAL INTEGRATIONS-----

\_\_\_Poor resolution of peaks exhibited on chromatogram.Compound #:\_\_\_\_\_

\_\_\_Peak Integrated by software incorrectly.Compound #:\_\_\_\_\_

\_\_\_OTHER:\_\_\_\_\_Compound #:\_\_\_\_\_

(f)=RT Delta > 1/2 Window (m)=manual int.

HN005814.D HN012114.M Sat Jan 25 01:01:49 2014

RPT1

# Quantitation Report

Data File : S:\HPCHEM1\HPLC\_N\DATA\HN012114\HN005814.D Vial: 24  
 Acq On : 22-Jan-2014, 02:12 Operator: QM  
 Sample : HSTDCCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jan 24 14:47 2014 Quant Results File: HN012114.RES

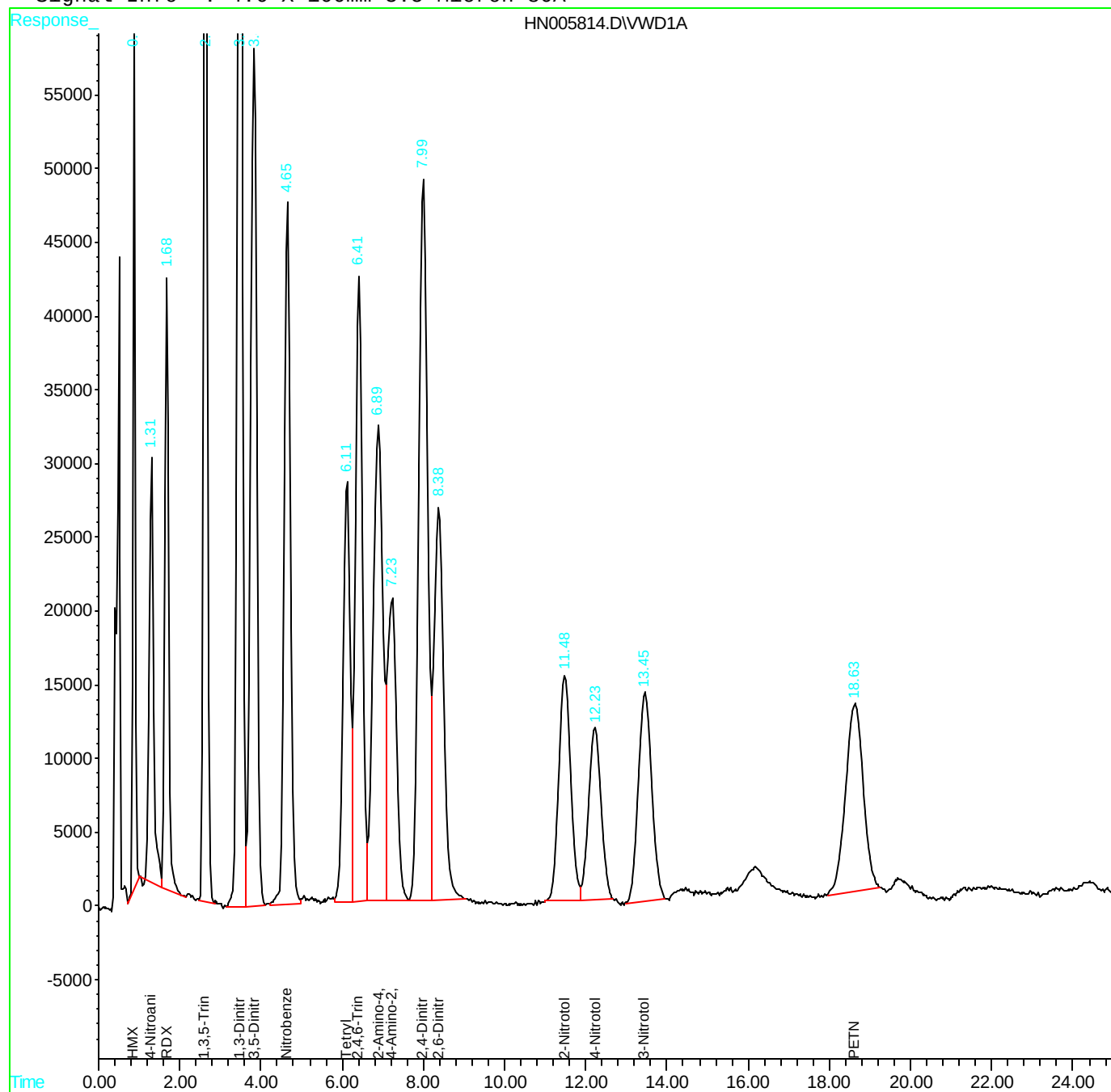
Instrument :  
 HPLC\_N  
 LabSampleId :  
 HSTDCCC0500

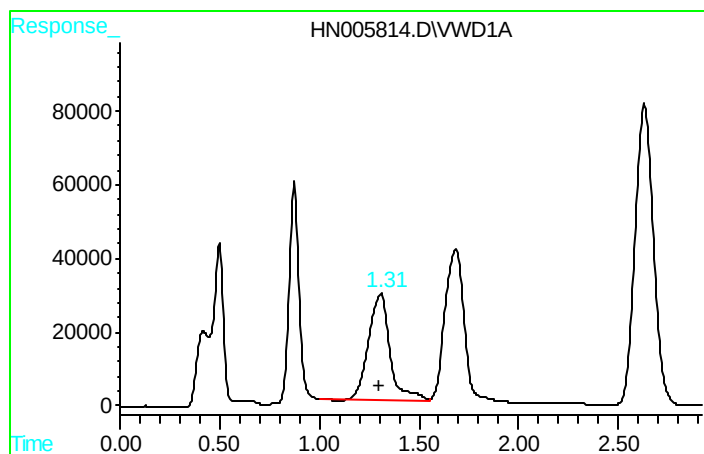
Manual Integrations  
 APPROVED

QI  
 1/24/2014 4:50:57 PM

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN012114.M  
 Title :  
 Last Update : Fri Jan 24 13:04:26 2014  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
 Signal Phase : ZORBAX Extend-C18  
 Signal Info : 4.6 X 100mm 3.5-Micron 80A





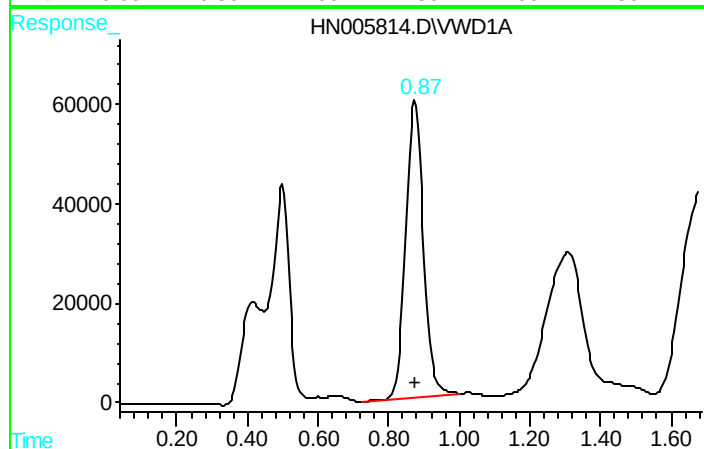
# #1 4-Nitroaniline

R.T.: 1.309 min  
Delta R.T.: 0.005 min  
Response: 2172083  
Conc: 576.60 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDCCC0500

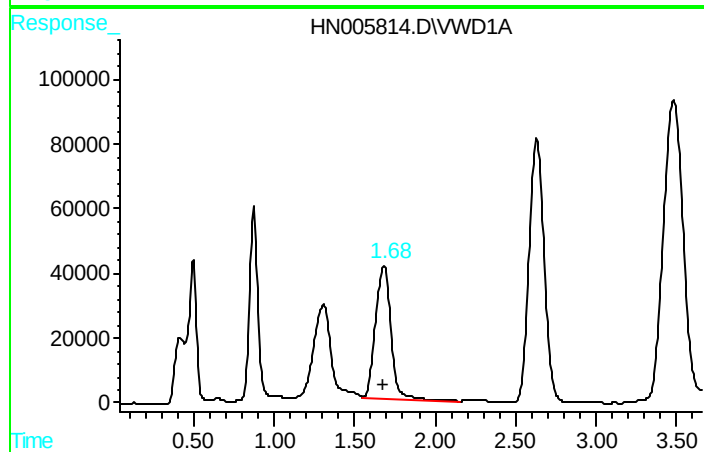
Manual Integrations  
APPROVED

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1/24/2014 4:50:57 PM



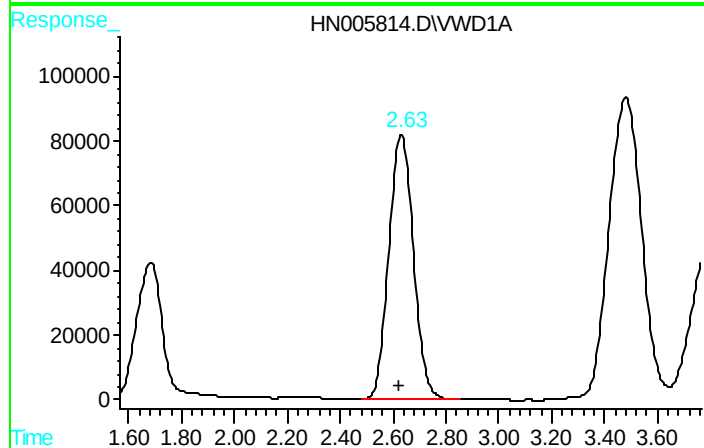
# #2 HMX

R.T.: 0.875 min  
Delta R.T.: 0.001 min  
Response: 2108943  
Conc: 491.75 ug/L



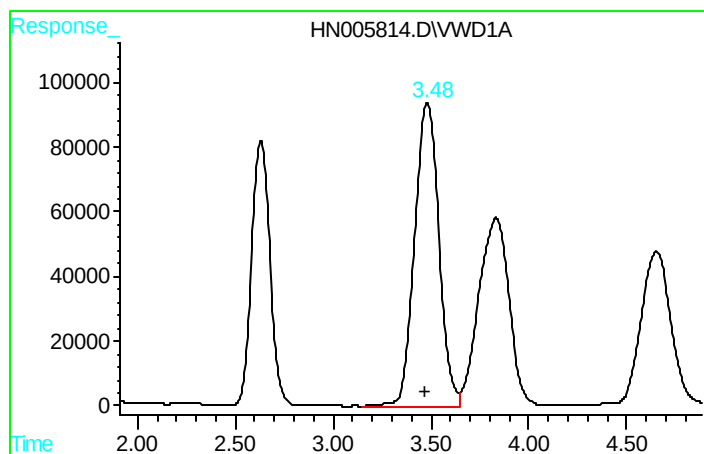
# #3 RDX

R.T.: 1.685 min  
Delta R.T.: 0.006 min  
Response: 2782016  
Conc: 485.09 ug/L



# #4 1,3,5-Trinitrobenzene

R.T.: 2.632 min  
Delta R.T.: 0.009 min  
Response: 5287483  
Conc: 491.28 ug/L



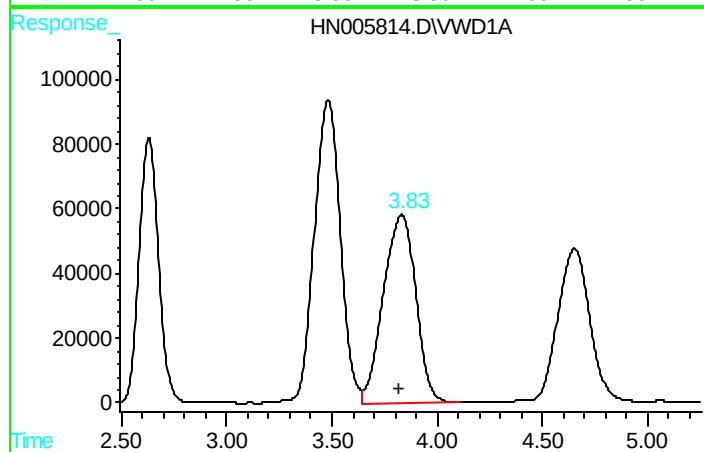
#5 1,3-Dinitrobenzene

R.T.: 3.482 min  
Delta R.T.: 0.013 min  
Response: 8098819  
Conc: 502.02 ng/ml

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDCCC0500

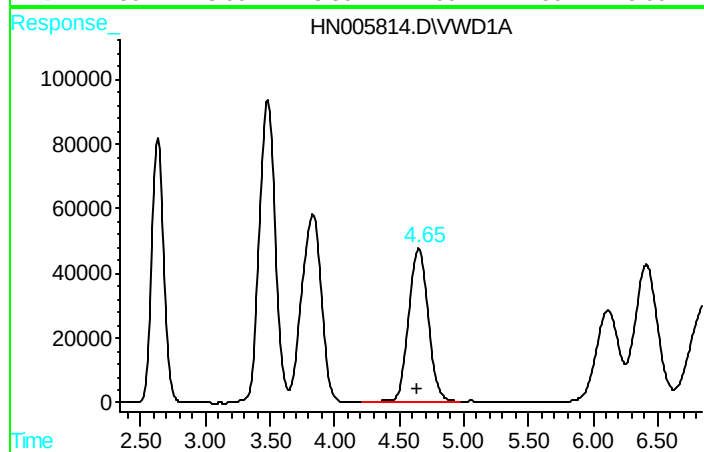
Manual Integrations  
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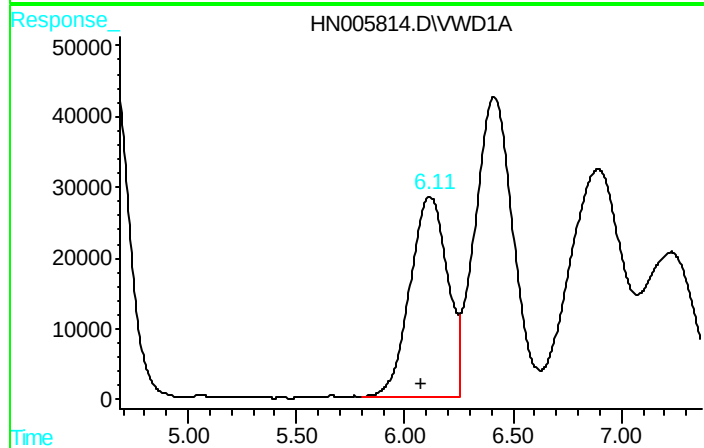
#6 3,5-Dinitroaniline

R.T.: 3.834 min  
Delta R.T.: 0.017 min  
Response: 6250348  
Conc: 499.40 ug/L



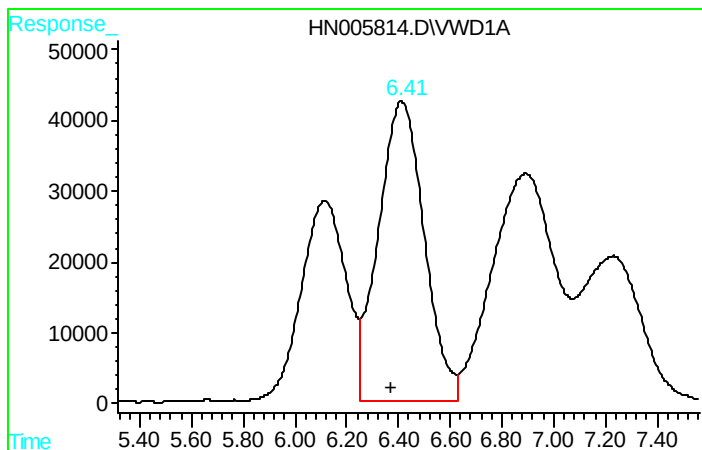
#7 Nitrobenzene

R.T.: 4.652 min  
Delta R.T.: 0.021 min  
Response: 5120233  
Conc: 476.27 ug/L



#8 Tetryl

R.T.: 6.116 min  
Delta R.T.: 0.045 min  
Response: 3430797  
Conc: 497.53 ug/L



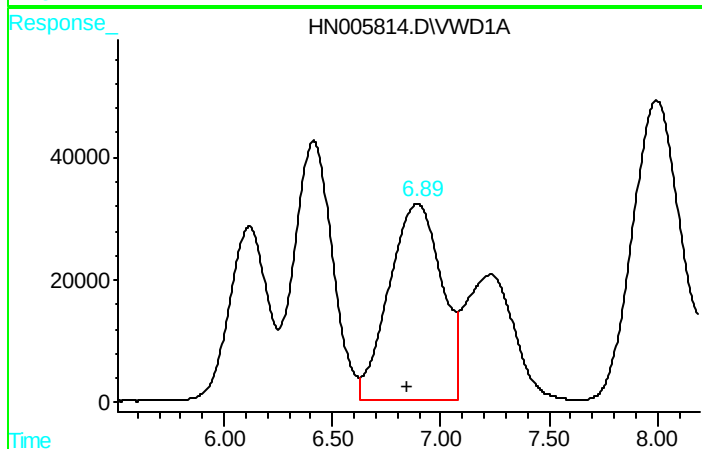
#9 2,4,6-Trinitrotoluene

R.T.: 6.413 min  
Delta R.T.: 0.040 min  
Response: 5221920  
Conc: 489.85 ug/L

Instrument :  
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LabSampleId :  
HSTDCCC0500

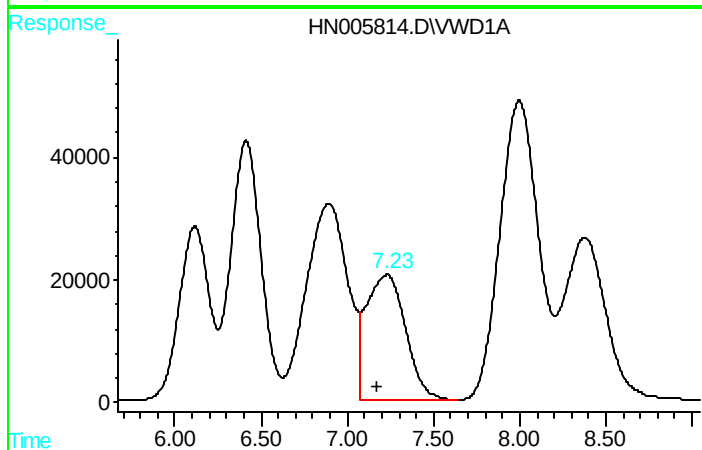
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APPROVED

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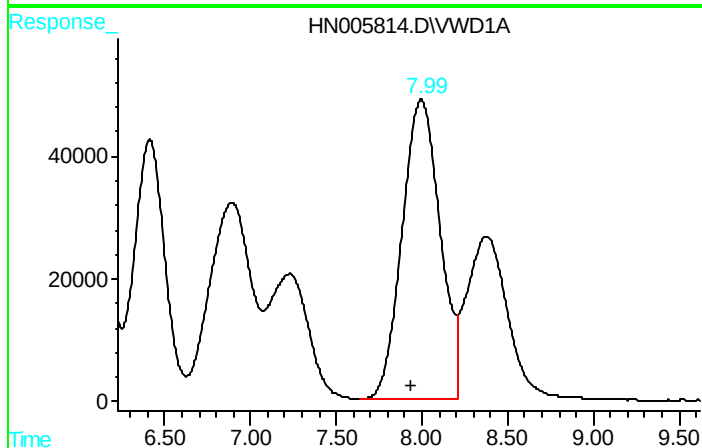
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.893 min  
Delta R.T.: 0.048 min  
Response: 5411017  
Conc: 473.40 ug/L



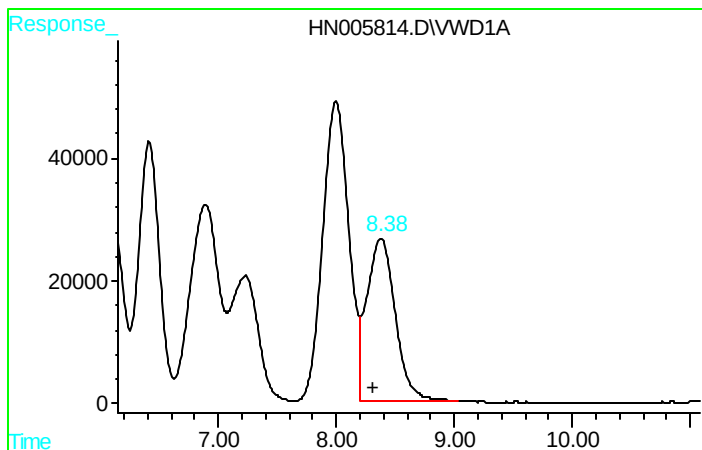
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.230 min  
Delta R.T.: 0.061 min  
Response: 3268780  
Conc: 565.51 ug/L



#12 2,4-Dinitrotoluene

R.T.: 7.997 min  
Delta R.T.: 0.058 min  
Response: 7541850  
Conc: 492.98 ug/L



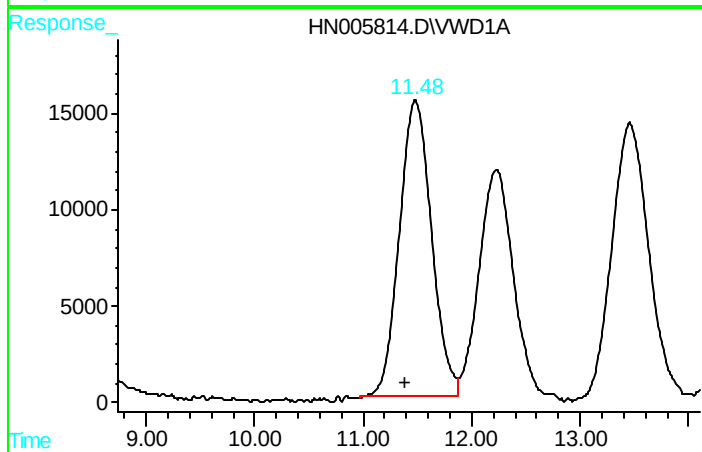
#13 2,6-Dinitrotoluene

R.T.: 8.378 min  
Delta R.T.: 0.063 min  
Response: 4448391  
Conc: 527.04 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDCCC0500

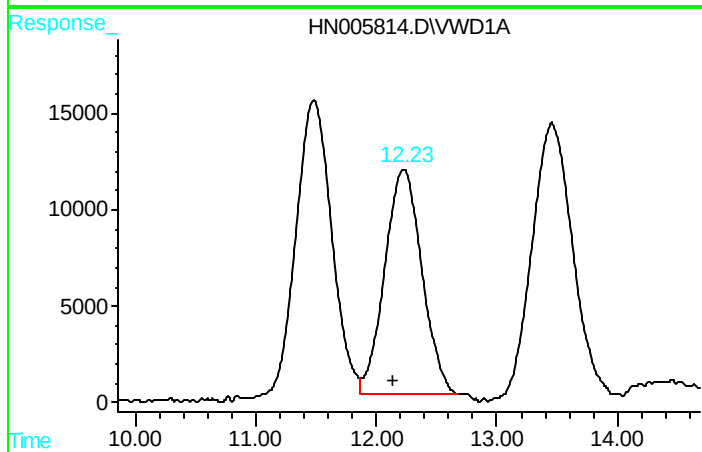
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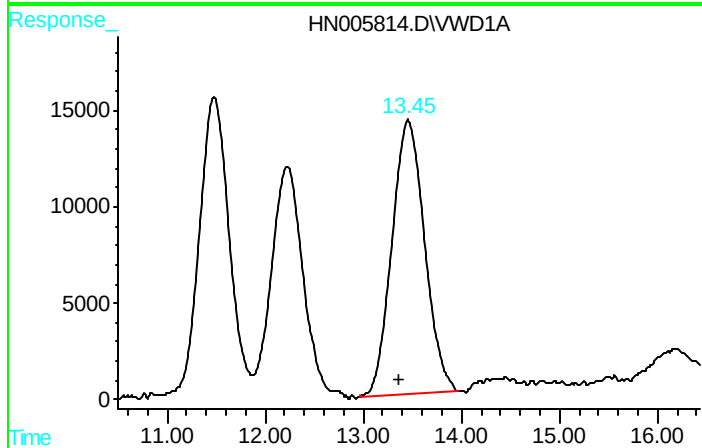
#14 2-Nitrotoluene

R.T.: 11.477 min  
Delta R.T.: 0.086 min  
Response: 3154048  
Conc: 476.52 ug/L m



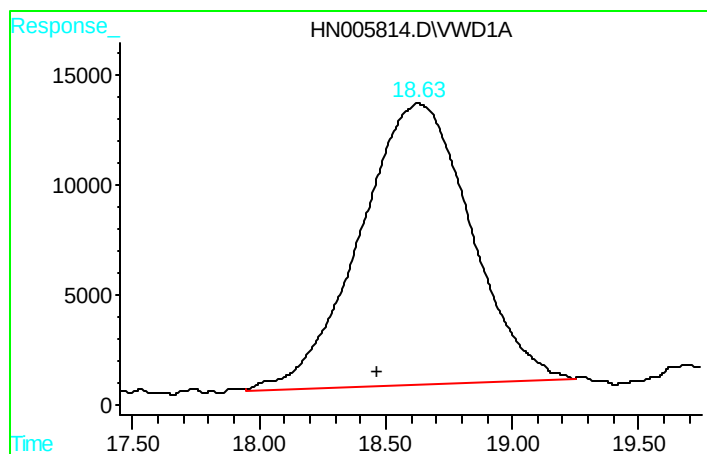
#15 4-Nitrotoluene

R.T.: 12.231 min  
Delta R.T.: 0.098 min  
Response: 2502951  
Conc: 468.68 ug/L m



#16 3-Nitrotoluene

R.T.: 13.453 min  
Delta R.T.: 0.093 min  
Response: 3282725  
Conc: 491.88 ug/L m



#17 PETN

R.T.: 18.626 min  
Delta R.T.: 0.157 min  
Response: 3891733  
Conc: 467.21 ug/L m

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDCCC0500

Manual Integrations  
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