

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN052313\HN005268.D Vial: 10  
 Acq On : 23-May-2013, 18:38 Operator: QM  
 Sample : E2136-01MSD Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: May 24 16:53 2013 Quant Results File: HN052213.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN052213.M  
 Title :  
 Last Update : Fri May 24 05:23:33 2013  
 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             | 1.36  | 837755   | 197.107 ug/L  |
| Target Compounds            |                            |       |          |               |
| 2) T                        | HMX                        | 0.92  | 556934   | 130.910 ug/L  |
| 3) T                        | RDX                        | 1.77  | 671648   | 130.582 ug/L  |
| 4) T                        | 1,3,5-Trinitrobenzene      | 2.72  | 1490679  | 135.937 ug/L  |
| 5) T                        | 1,3-Dinitrobenzene         | 3.62  | 2089567  | 160.452 ng/ml |
| 6) T                        | 3,5-Dinitroaniline         | 4.04  | 1752069  | 112.546 ug/L  |
| 7) T                        | Nitrobenzene               | 4.81  | 1199675  | 128.889 ug/L  |
| 8) T                        | Tetryl                     | 6.45  | 522293   | 86.959 ug/L   |
| 9) T                        | 2,4,6-Trinitrotoluene      | 6.63  | 1692828  | 144.808 ug/L  |
| 10) T                       | 2-Amino-4,6-dinitrotoluene | 7.27  | 1392284  | 130.397 ug/L  |
| 11) T                       | 4-Amino-2,6-dinitrotoluene | 7.63  | 941745   | 154.219 ug/L  |
| 12) T                       | 2,4-Dinitrotoluene         | 8.29  | 2027421  | 139.380 ug/L  |
| 13) T                       | 2,6-Dinitrotoluene         | 8.69  | 1218261  | 147.666 ug/L  |
| 14) T                       | 2-Nitrotoluene             | 11.85 | 908850   | 145.723 ug/L  |
| 15) T                       | 4-Nitrotoluene             | 12.59 | 787668   | 150.163 ug/L  |

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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.

HN005268.D HN052213.M

Fri May 24 16:53:40 2013

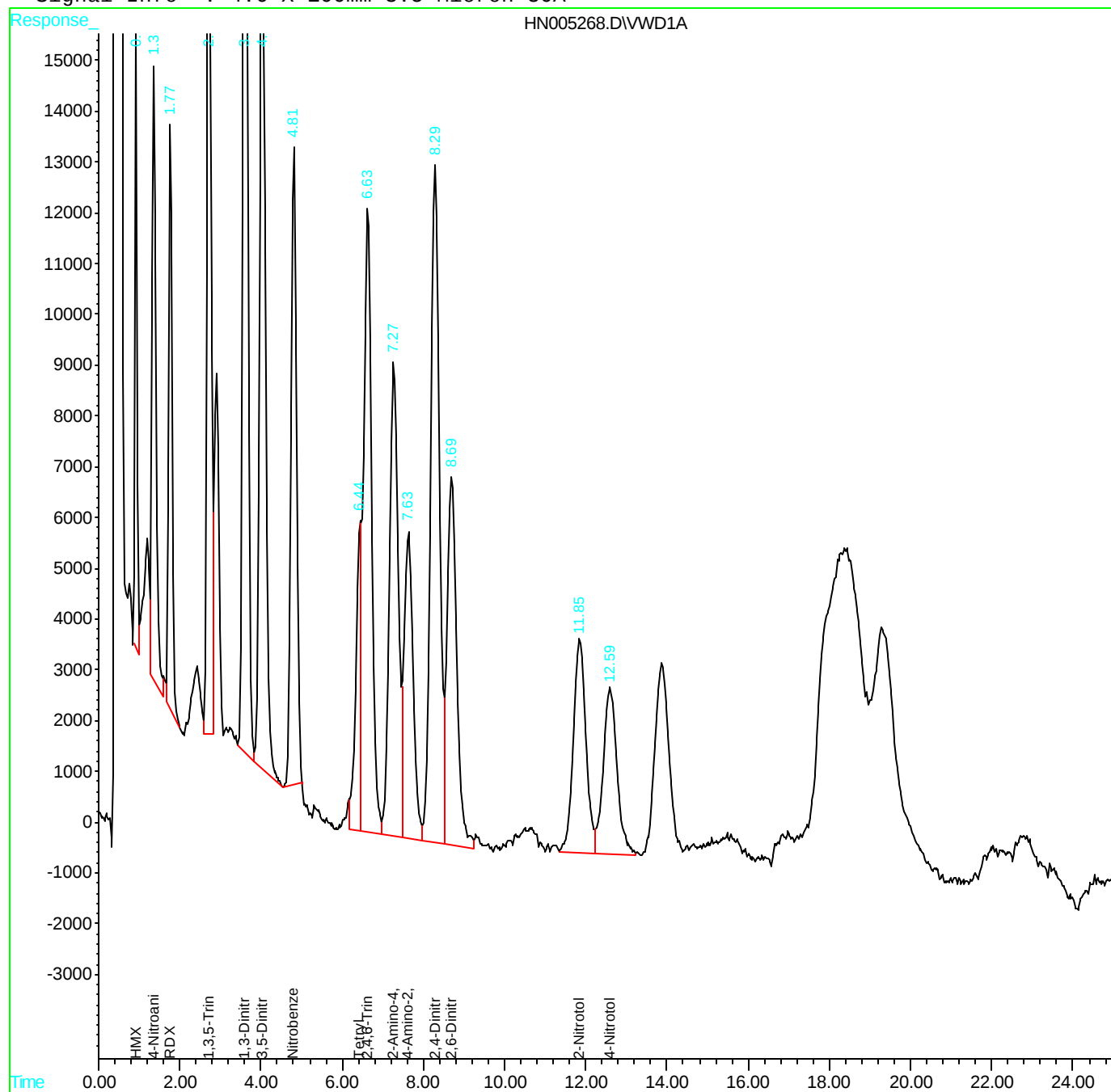
RPT1

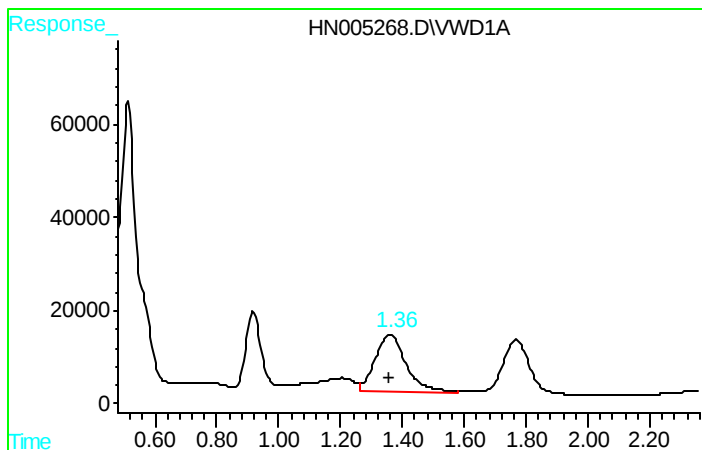
# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN052313\HN005268.D Vial: 10  
Acq On : 23-May-2013, 18:38 Operator: QM  
Sample : E2136-01MSD Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: May 24 16:53 2013 Quant Results File: HN052213.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN052213.M  
Title :  
Last Update : Fri May 24 05:23:33 2013  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

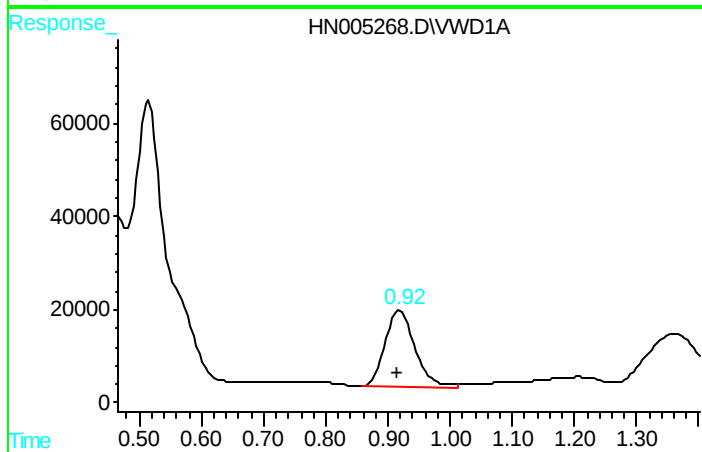
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





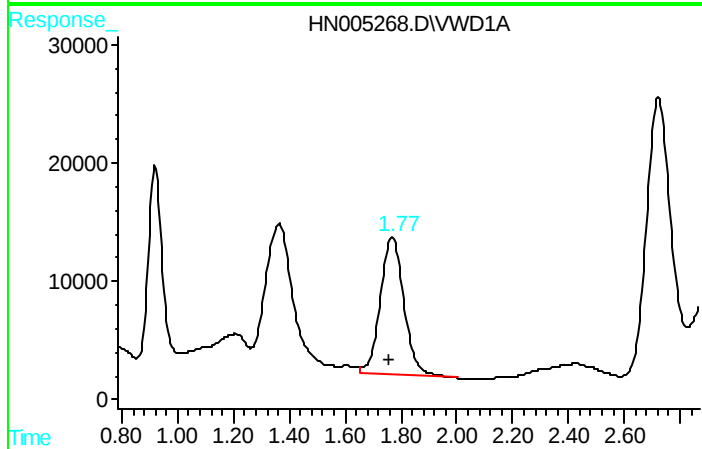
#1 4-Nitroaniline

R.T.: 1.363 min  
Delta R.T.: 0.008 min  
Response: 837755  
Conc: 197.11 ug/L



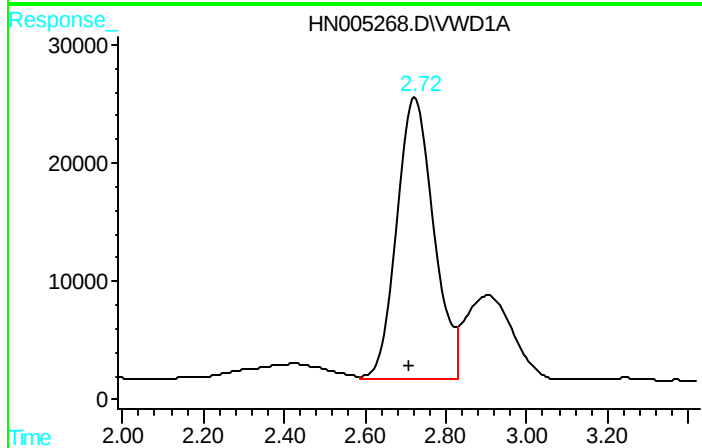
#2 HMX

R.T.: 0.919 min  
Delta R.T.: 0.004 min  
Response: 556934  
Conc: 130.91 ug/L



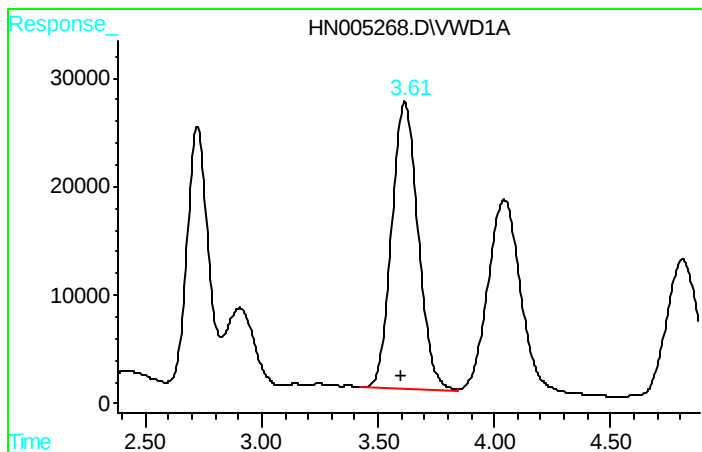
#3 RDX

R.T.: 1.770 min  
Delta R.T.: 0.010 min  
Response: 671648  
Conc: 130.58 ug/L



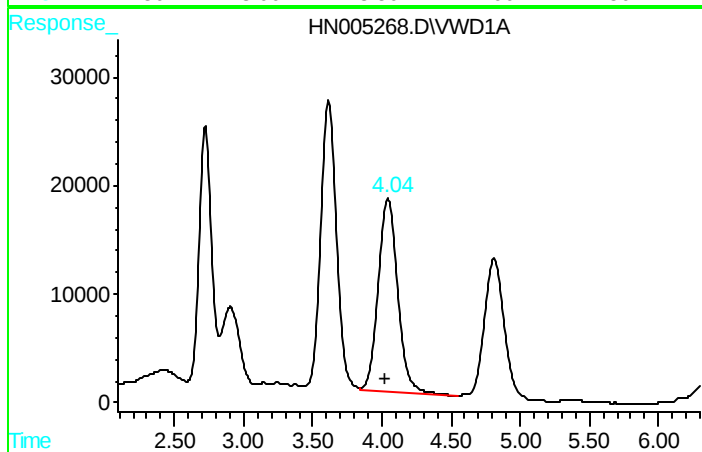
#4 1,3,5-Trinitrobenzene

R.T.: 2.723 min  
Delta R.T.: 0.017 min  
Response: 1490679  
Conc: 135.94 ug/L



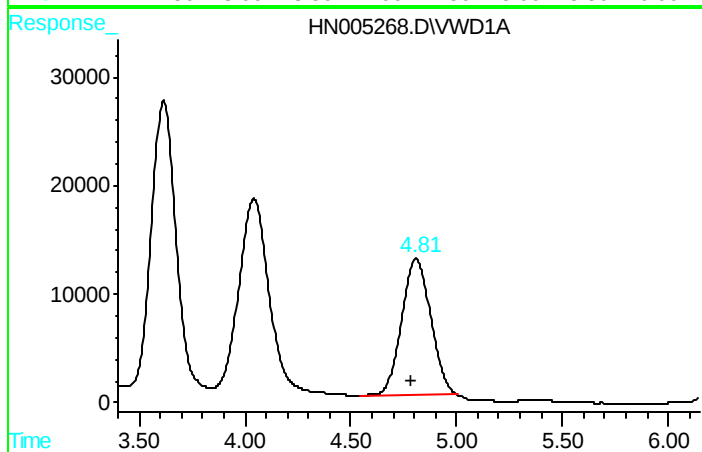
#5 1,3-Dinitrobenzene

R.T.: 3.616 min  
Delta R.T.: 0.020 min  
Response: 2089567  
Conc: 160.45 ng/ml



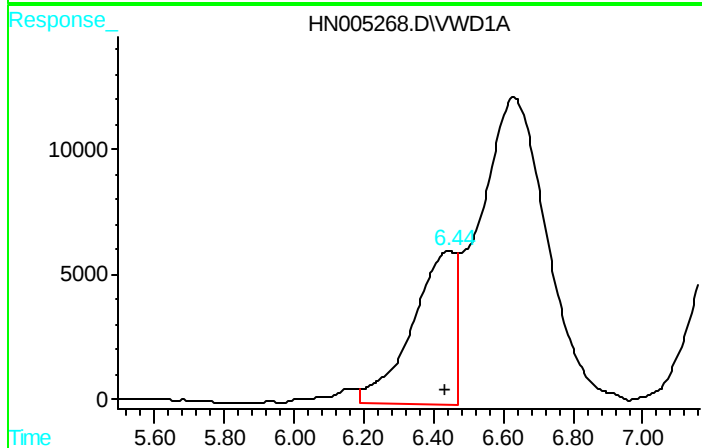
#6 3,5-Dinitroaniline

R.T.: 4.043 min  
Delta R.T.: 0.022 min  
Response: 1752069  
Conc: 112.55 ug/L



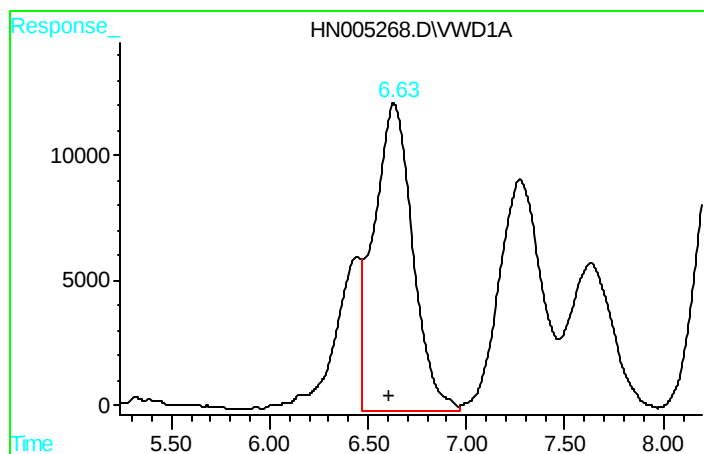
#7 Nitrobenzene

R.T.: 4.810 min  
Delta R.T.: 0.025 min  
Response: 1199675  
Conc: 128.89 ug/L



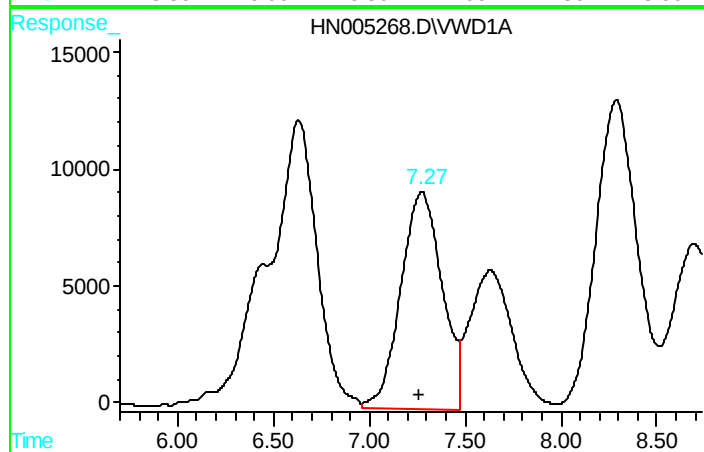
#8 Tetryl

R.T.: 6.447 min  
Delta R.T.: 0.016 min  
Response: 522293  
Conc: 86.96 ug/L



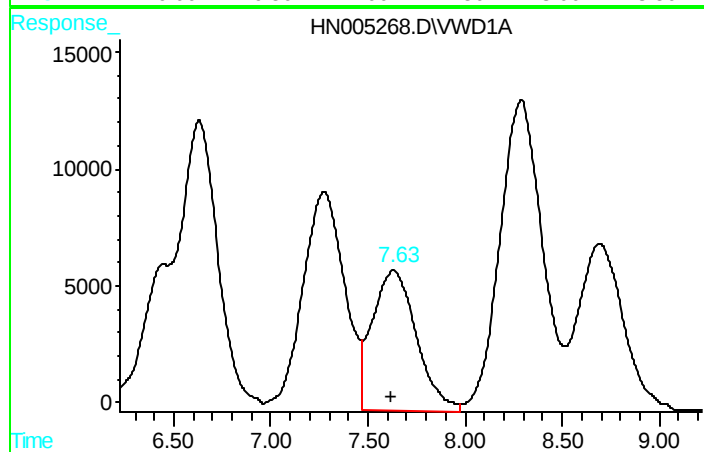
#9 2,4,6-Trinitrotoluene

R.T.: 6.632 min  
Delta R.T.: 0.023 min  
Response: 1692828  
Conc: 144.81 ug/L



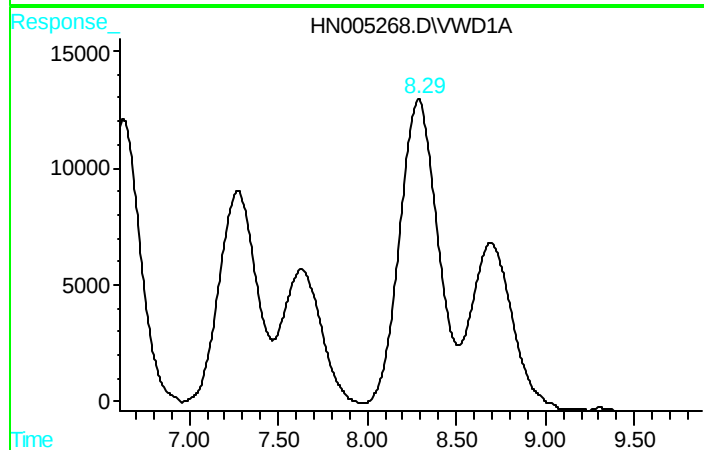
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.273 min  
Delta R.T.: 0.015 min  
Response: 1392284  
Conc: 130.40 ug/L



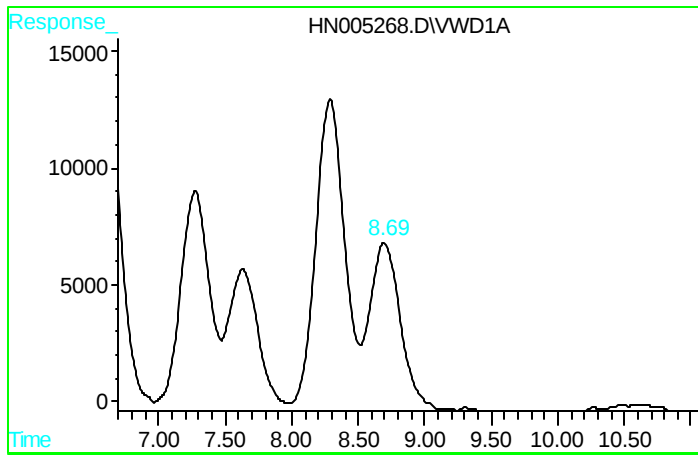
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.633 min  
Delta R.T.: 0.011 min  
Response: 941745  
Conc: 154.22 ug/L



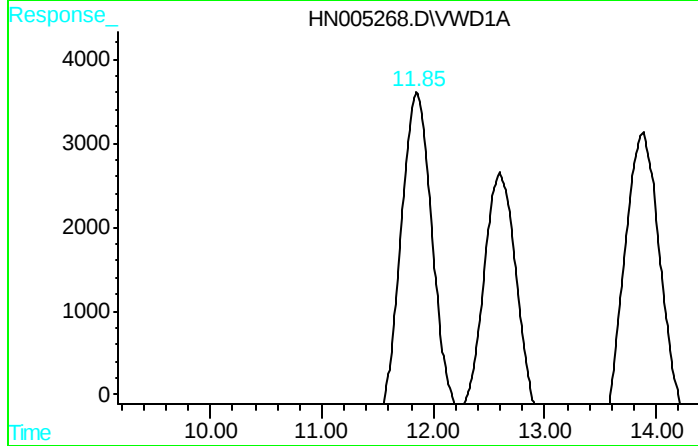
#12 2,4-Dinitrotoluene

R.T.: 8.290 min  
Delta R.T.: 0.020 min  
Response: 2027421  
Conc: 139.38 ug/L



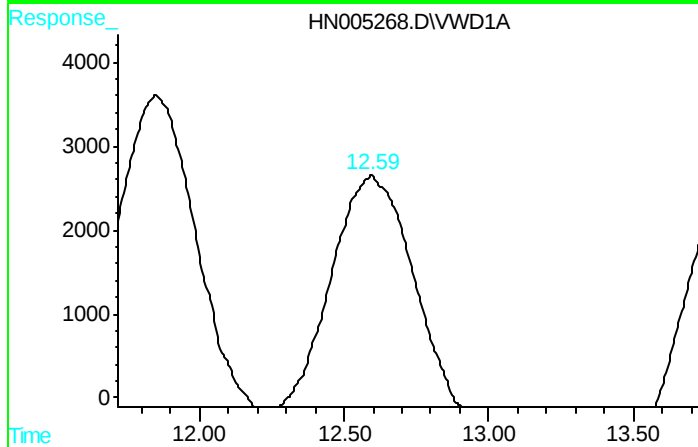
#13 2,6-Dinitrotoluene

R.T.: 8.694 min  
Delta R.T.: 0.007 min  
Response: 1218261  
Conc: 147.67 ug/L



#14 2-Nitrotoluene

R.T.: 11.850 min  
Delta R.T.: -0.023 min  
Response: 908850  
Conc: 145.72 ug/L



#15 4-Nitrotoluene

R.T.: 12.594 min  
Delta R.T.: -0.027 min  
Response: 787668  
Conc: 150.16 ug/L