

Data File : S:\HPCHEM1\HPLC\_N\DATA\HN110813\HN005682.D Vial: 12  
 Acq On : 08-Nov-2013, 22:05 Operator: QM  
 Sample : PB73051BS Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Nov 11 12:11 2013 Quant Results File: HN110813.RES

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 PB73051BS

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN110813.M  
 Title :  
 Last Update : Mon Jul 22 14:51:19 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              | 1.29  | 627404   | 169.967 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.87  | 480958   | 119.793 ug/L  |
| 3) T RDX                         | 1.65  | 652495   | 119.286 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.62  | 1301833  | 125.211 ug/L  |
| 5) T 3,5-Dinitroaniline          | 3.46  | 1919904  | 119.045 ng/ml |
| 6) T 1,3-Dinitrobenzene          | 3.79  | 1919035  | 151.203 ug/L  |
| 7) T Nitrobenzene                | 4.63  | 1249404  | 122.589 ug/L  |
| 8) T Tetryl                      | 6.03  | 721317   | 105.065 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.37  | 1269279  | 111.746 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 6.78  | 1281068  | 117.401 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.12  | 922642   | 157.335 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 7.92  | 1719926  | 116.465 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.30  | 840705   | 106.649 ug/L  |
| 14) T 2-Nitrotoluene             | 11.41 | 879772   | 137.510 ug/L  |
| 15) T 4-Nitrotoluene             | 12.13 | 722403   | 133.978 ug/L  |
| 16) T 3-Nitrotoluene             | 13.36 | 889087   | 129.635 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.

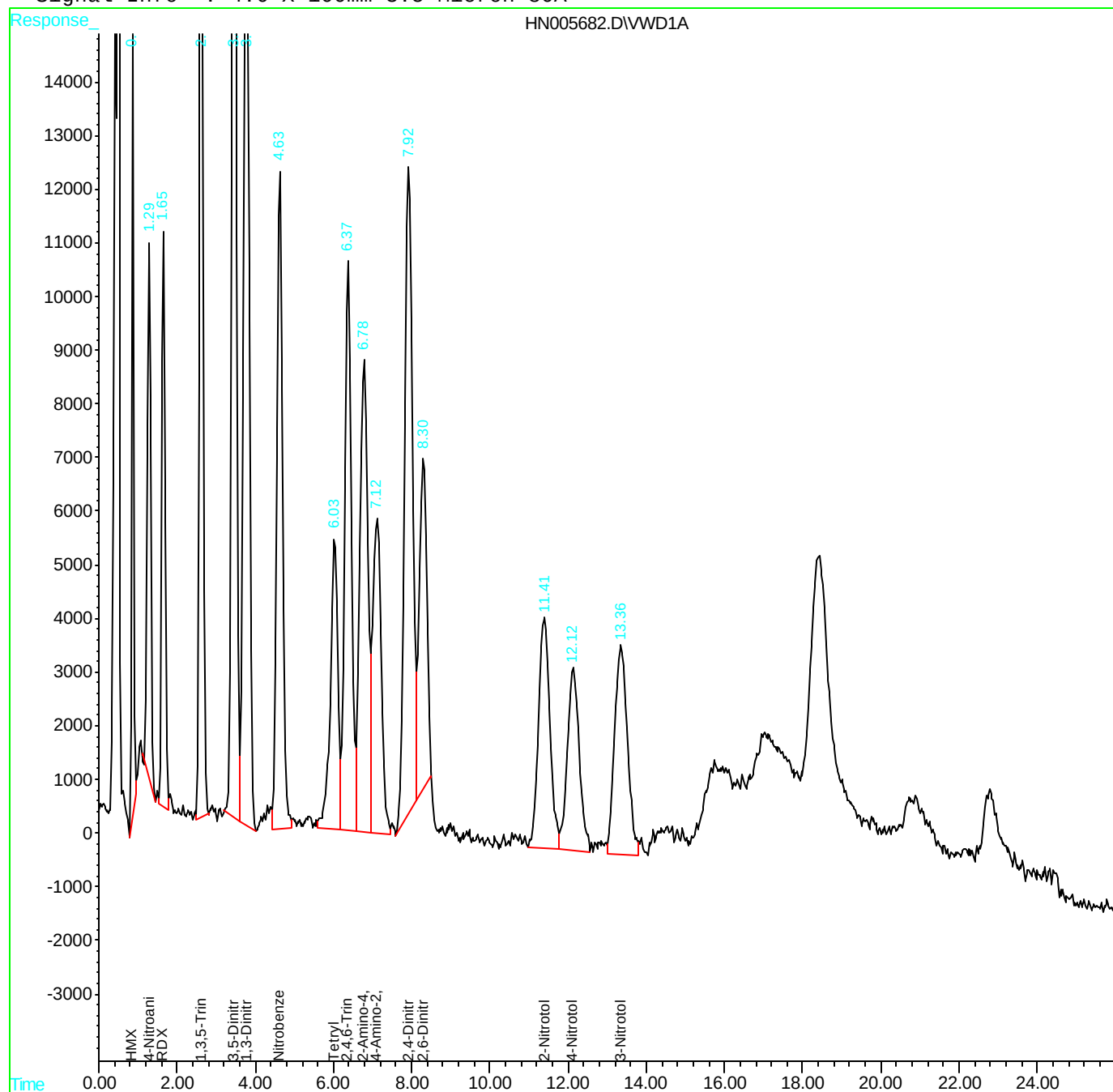
# Quantitation Report

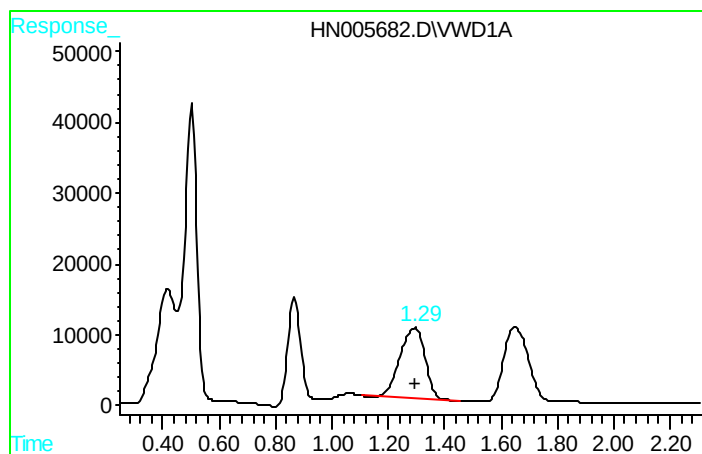
Data File : S:\HPCHEM1\HPLC\_N\DATA\HN110813\HN005682.D Vial: 12  
Acq On : 08-Nov-2013, 22:05 Operator: QM  
Sample : PB73051BS Inst : G1314A  
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IntFile : autoint1.e  
Quant Time: Nov 11 12:11 2013 Quant Results File: HN110813.RES

Instrument :  
HPLC\_N  
ClientSampleId :  
PB73051BS

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN110813.M  
Title :  
Last Update : Mon Jul 22 14:51:19 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

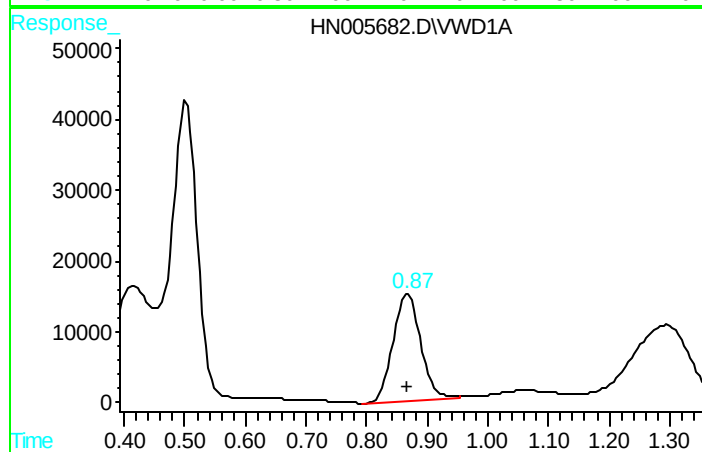




#1 4-Nitroaniline

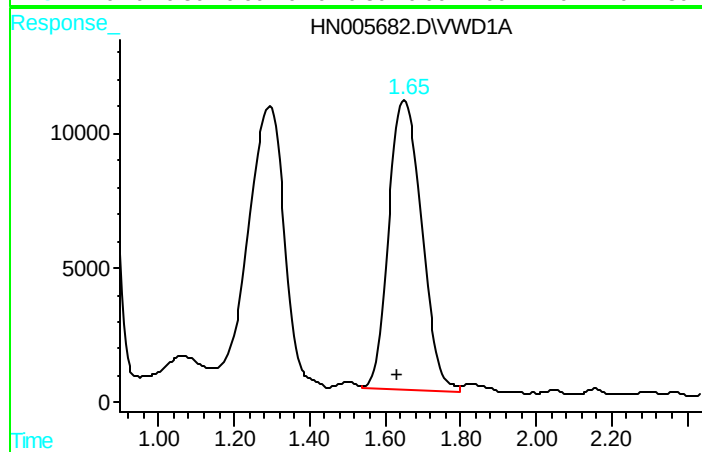
R.T.: 1.295 min  
Delta R.T.: 0.003 min  
Response: 627404  
Conc: 169.97 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
PB73051BS



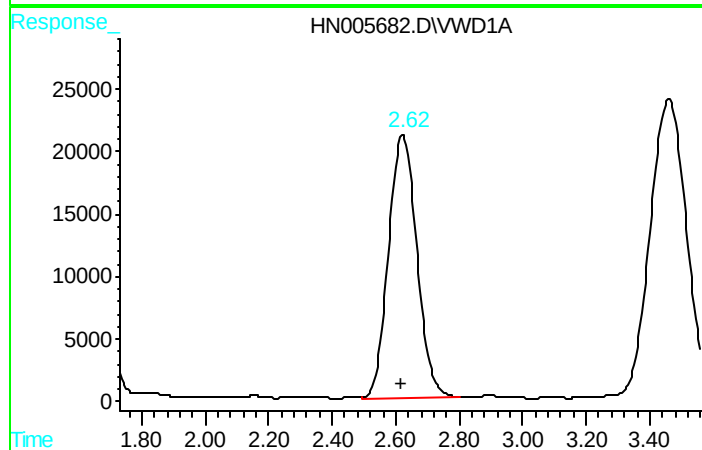
#2 HMX

R.T.: 0.868 min  
Delta R.T.: 0.002 min  
Response: 480958  
Conc: 119.79 ug/L



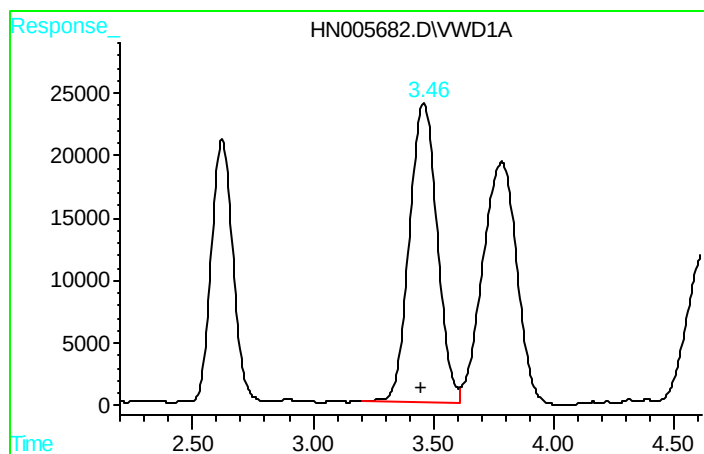
#3 RDX

R.T.: 1.651 min  
Delta R.T.: 0.020 min  
Response: 652495  
Conc: 119.29 ug/L



#4 1,3,5-Trinitrobenzene

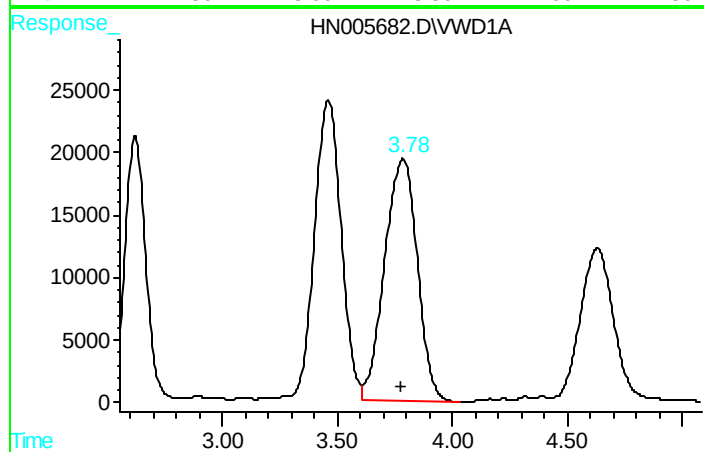
R.T.: 2.623 min  
Delta R.T.: 0.006 min  
Response: 1301833  
Conc: 125.21 ug/L



#5 3,5-Dinitroaniline

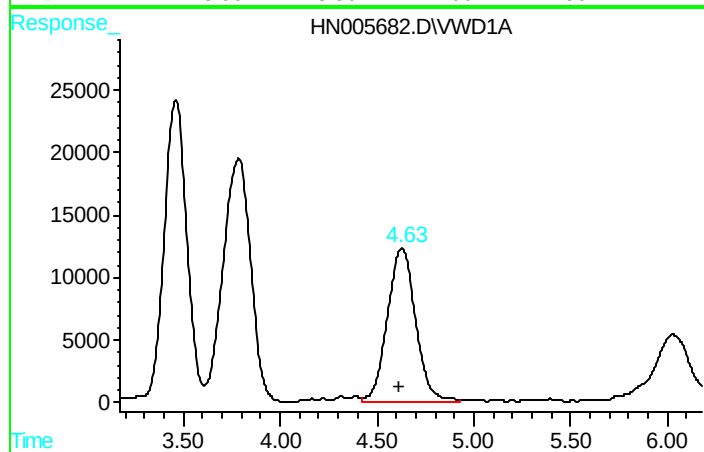
R.T.: 3.461 min  
Delta R.T.: 0.010 min  
Response: 1919904  
Conc: 119.04 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
PB73051BS



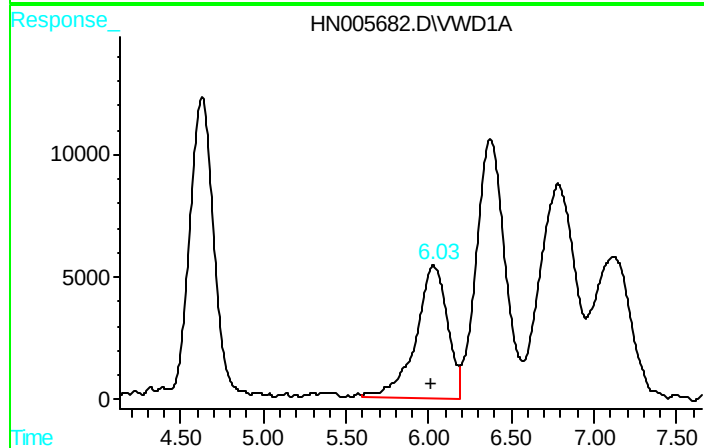
#6 1,3-Dinitrobenzene

R.T.: 3.785 min  
Delta R.T.: 0.012 min  
Response: 1919035  
Conc: 151.20 ug/L



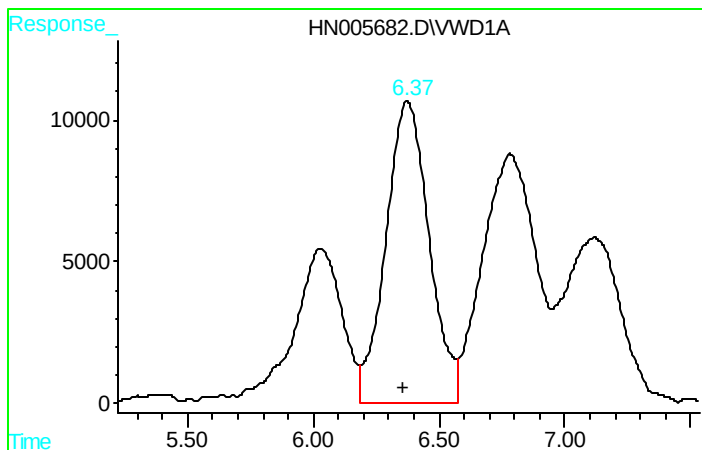
#7 Nitrobenzene

R.T.: 4.630 min  
Delta R.T.: 0.015 min  
Response: 1249404  
Conc: 122.59 ug/L



#8 Tetryl

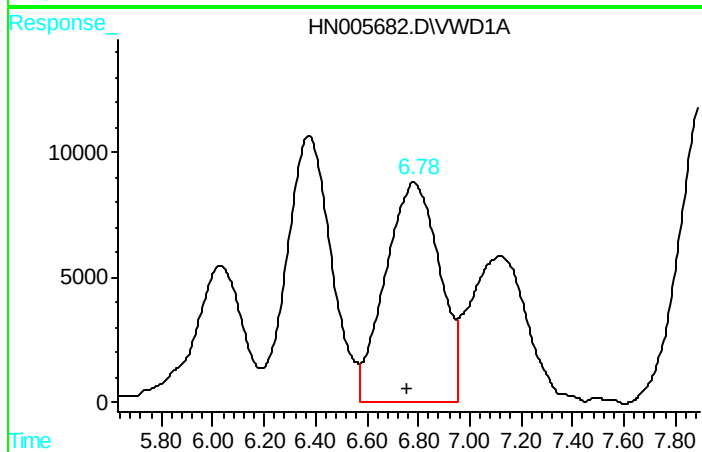
R.T.: 6.029 min  
Delta R.T.: 0.021 min  
Response: 721317  
Conc: 105.07 ug/L



#9 2,4,6-Trinitrotoluene

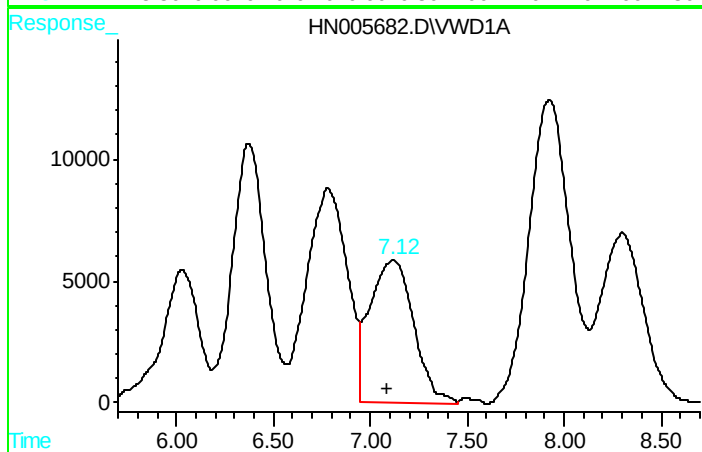
R.T.: 6.374 min  
Delta R.T.: 0.019 min  
Response: 1269279  
Conc: 111.75 ug/L

Instrument :  
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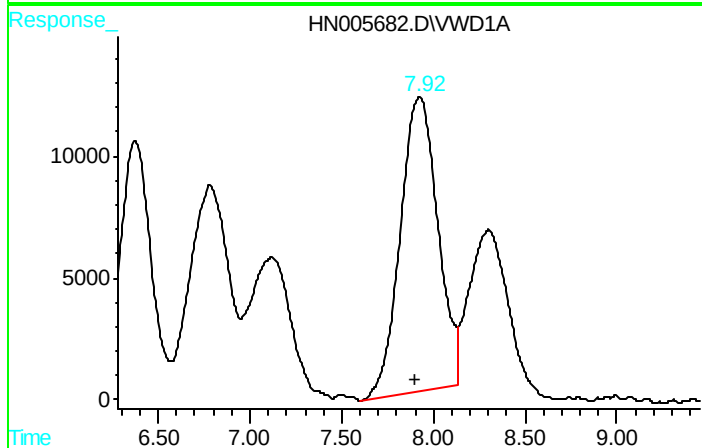
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.783 min  
Delta R.T.: 0.024 min  
Response: 1281068  
Conc: 117.40 ug/L



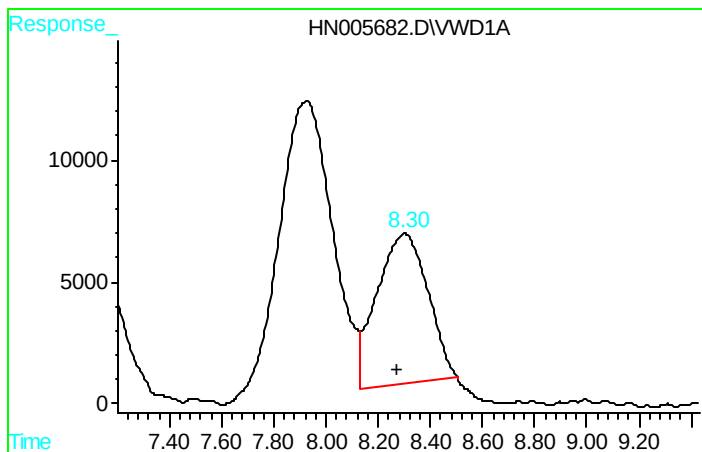
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.119 min  
Delta R.T.: 0.030 min  
Response: 922642  
Conc: 157.33 ug/L



#12 2,4-Dinitrotoluene

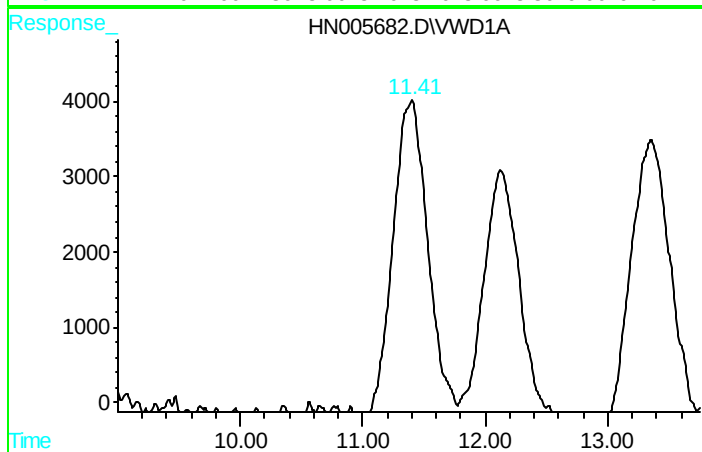
R.T.: 7.925 min  
Delta R.T.: 0.026 min  
Response: 1719926  
Conc: 116.46 ug/L



#13 2,6-Dinitrotoluene

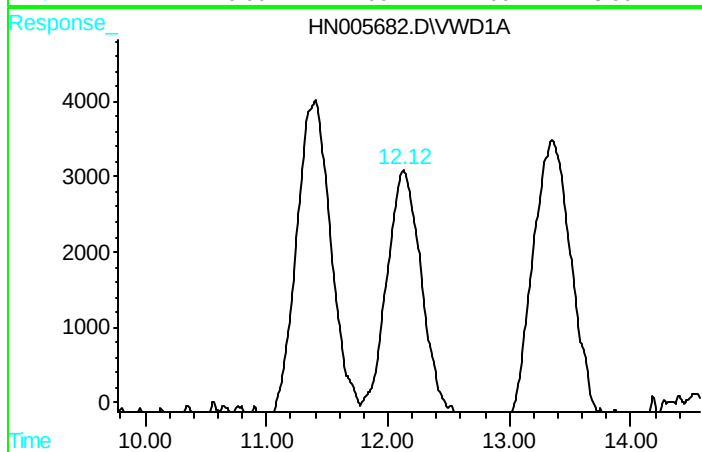
R.T.: 8.302 min  
Delta R.T.: 0.030 min  
Response: 840705  
Conc: 106.65 ug/L

Instrument :  
HPLC\_N  
ClientSampleId :  
PB73051BS



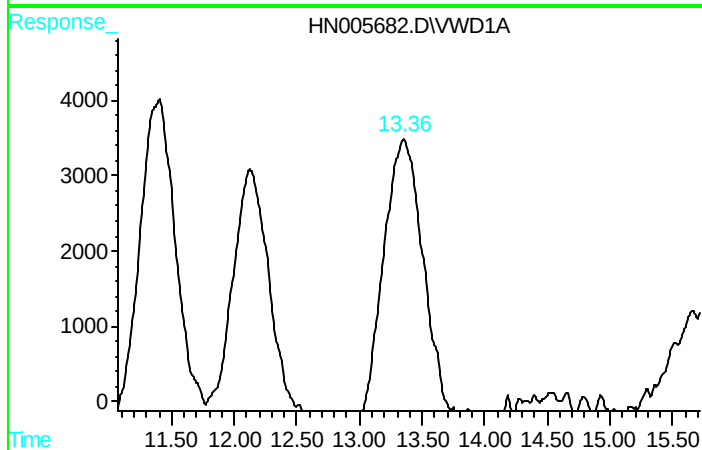
#14 2-Nitrotoluene

R.T.: 11.406 min  
Delta R.T.: 0.038 min  
Response: 879772  
Conc: 137.51 ug/L



#15 4-Nitrotoluene

R.T.: 12.127 min  
Delta R.T.: 0.016 min  
Response: 722403  
Conc: 133.98 ug/L



#16 3-Nitrotoluene

R.T.: 13.356 min  
Delta R.T.: 0.031 min  
Response: 889087  
Conc: 129.63 ug/L