

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN121014\HN007151.D Vial: 4  
 Acq On : 10-Dec-2014, 19:18 Operator: TP  
 Sample : LOD-SOIL-100ML Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Dec 12 13:30 2014 Quant Results File: HN120214.RES

Instrument :  
 HPLC\_N  
 ClientSampleId :  
 LOD-SOIL-100ML

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN120214.M  
 Title :  
 Last Update : Tue Dec 02 14:51:46 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 | 594621   | 141.953 ug/L m |
| Target Compounds                 |      |          |                |
| 2) T HMX                         | 0.88 | 75544    | 17.393 ug/L m  |
| 3) T RDX                         | 1.68 | 83635    | 15.103 ug/L m  |
| 4) T 1,3,5-Trinitrobenzene       | 2.67 | 205800   | 17.871 ug/L m  |
| 5) T 1,3-Dinitrobenzene          | 3.54 | 242551   | 14.482 ng/mlm  |
| 6) T 3,5-Dinitroaniline          | 3.92 | 292385   | 22.421 ug/L m  |
| 7) T Nitrobenzene                | 4.82 | 118751   | 11.811 ug/L m  |
| 8) T Tetryl                      | 6.19 | 301667   | 42.649 ug/L m  |
| 9) T 2,4,6-Trinitrotoluene       | 6.59 | 132474   | 10.822 ug/L m  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.10 | 139332   | 12.345 ug/L m  |
| 12) T 2,4-Dinitrotoluene         | 8.27 | 197840   | 12.904 ug/L m  |
| 13) T 2,6-Dinitrotoluene         | 8.67 | 107070   | 12.831 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.

HN007151.D HN120214.M Fri Dec 12 13:39:01 2014

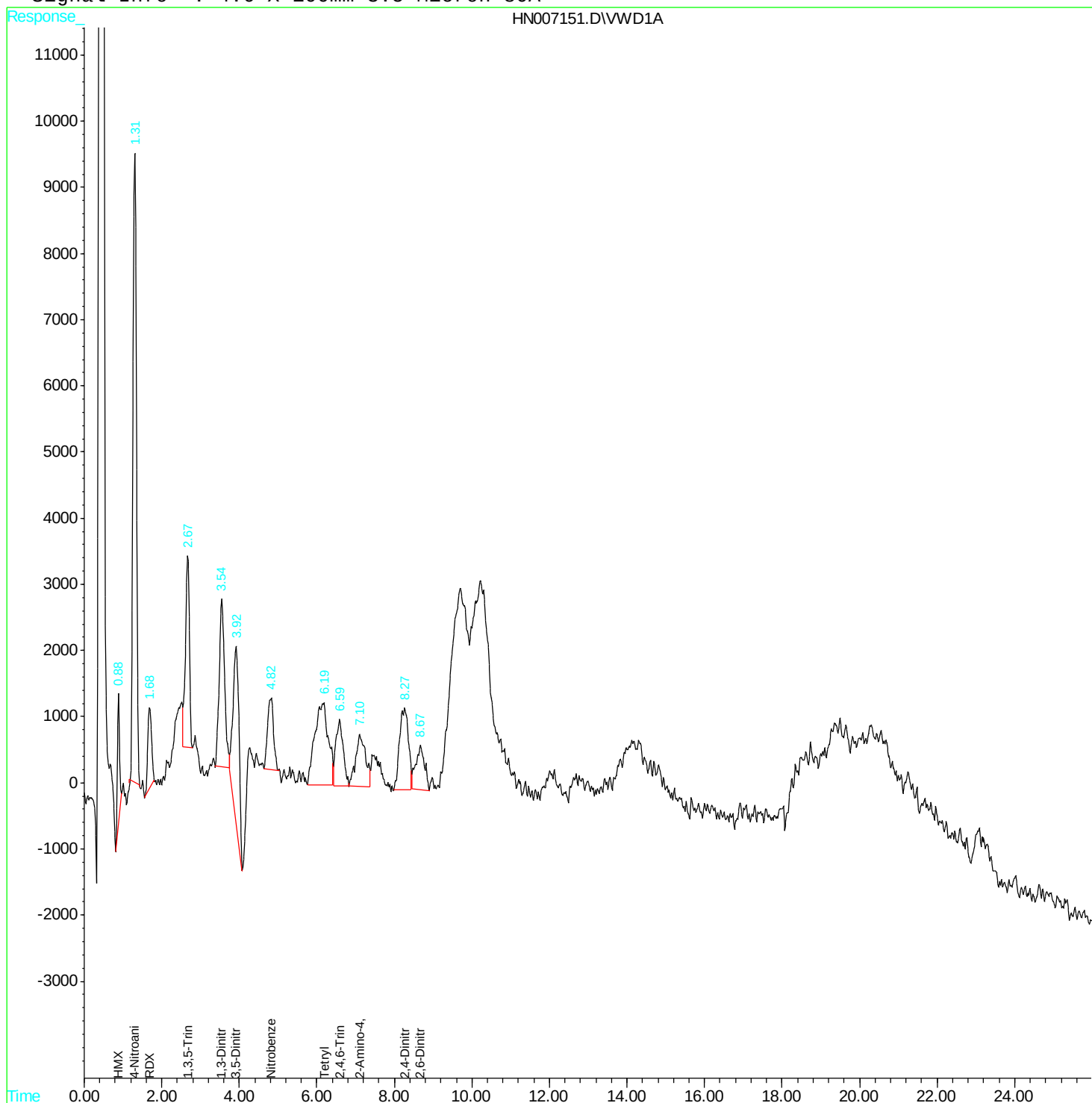
# Quantitation Report

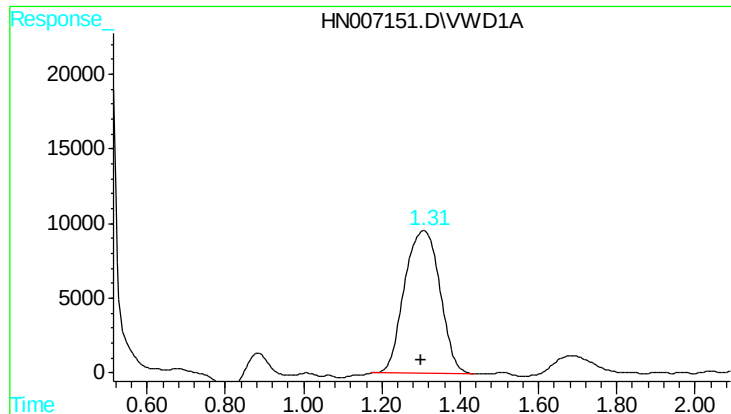
Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN121014\HN007151.D Vial: 4  
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 HPLC\_N  
 ClientSampleId :  
 LOD-SOIL-100ML

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN120214.M  
 Title :  
 Last Update : Tue Dec 02 14:51:46 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

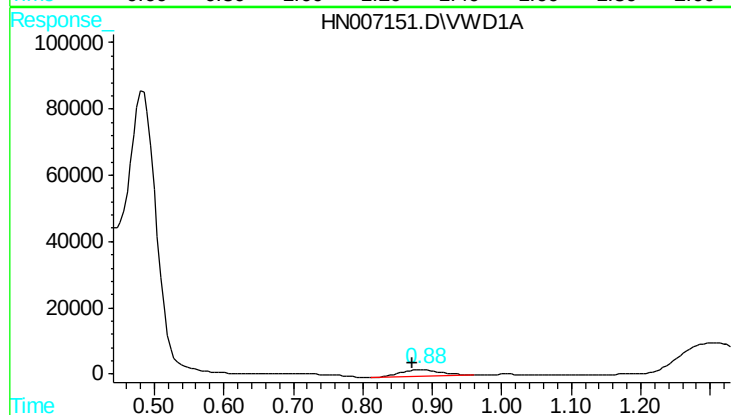




#1 4-Nitroaniline

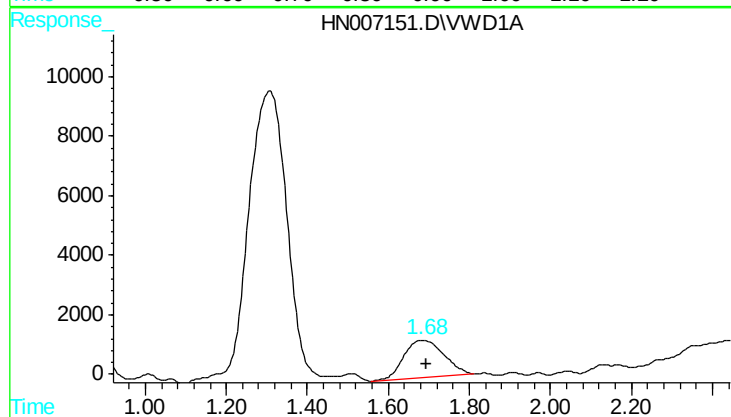
R.T.: 1.307 min  
Delta R.T.: 0.007 min  
Response: 594621  
Conc: 141.95 ug/L m

Instrument :  
HPLC\_N  
ClientSampleId :  
LOD-SOIL-100ML



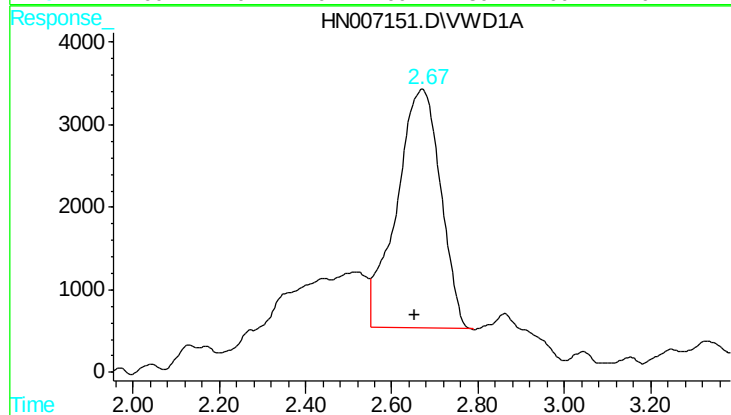
#2 HMX

R.T.: 0.882 min  
Delta R.T.: 0.010 min  
Response: 75544  
Conc: 17.39 ug/L m



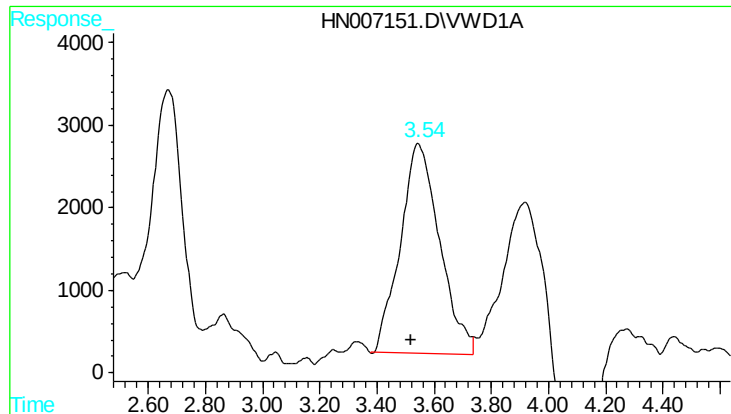
#3 RDX

R.T.: 1.683 min  
Delta R.T.: -0.010 min  
Response: 83635  
Conc: 15.10 ug/L m



#4 1,3,5-Trinitrobenzene

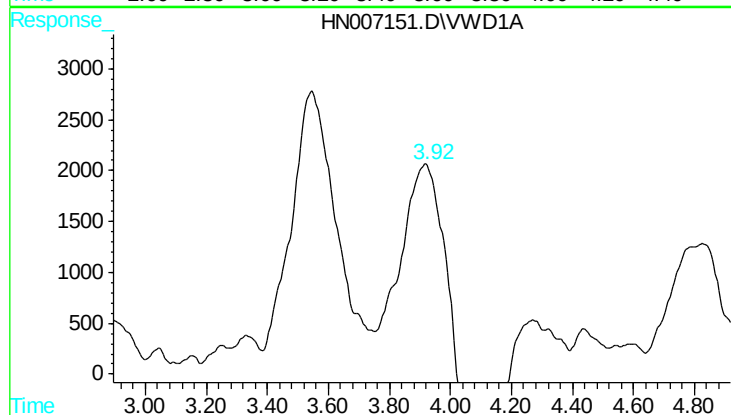
R.T.: 2.670 min  
Delta R.T.: 0.016 min  
Response: 205800  
Conc: 17.87 ug/L m



#5 1,3-Dinitrobenzene

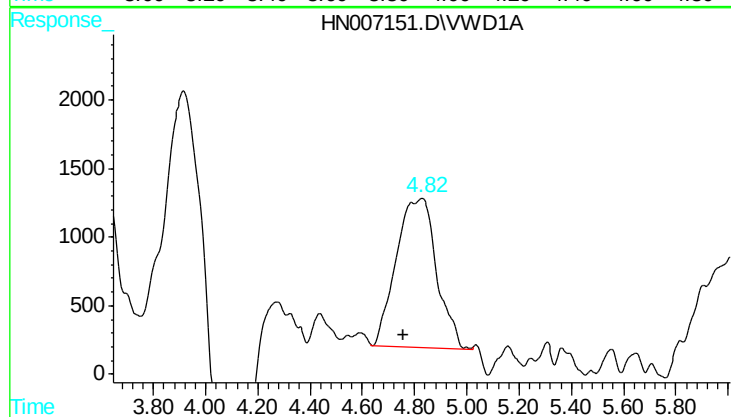
R.T.: 3.544 min  
Delta R.T.: 0.027 min  
Response: 242551  
Conc: 14.48 ng/ml

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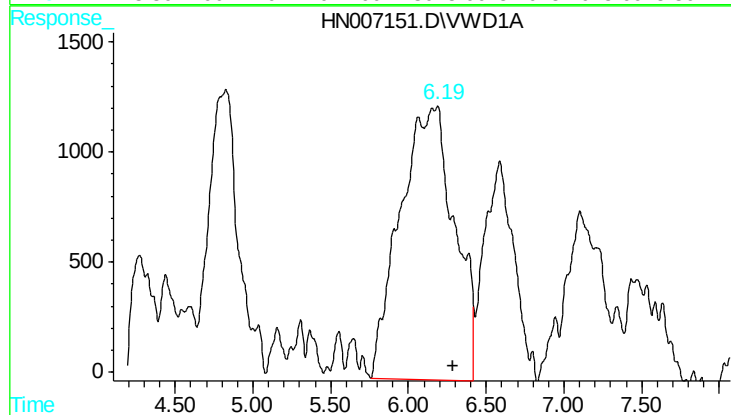
#6 3,5-Dinitroaniline

R.T.: 3.924 min  
Delta R.T.: 0.031 min  
Response: 292385  
Conc: 22.42 ug/L m



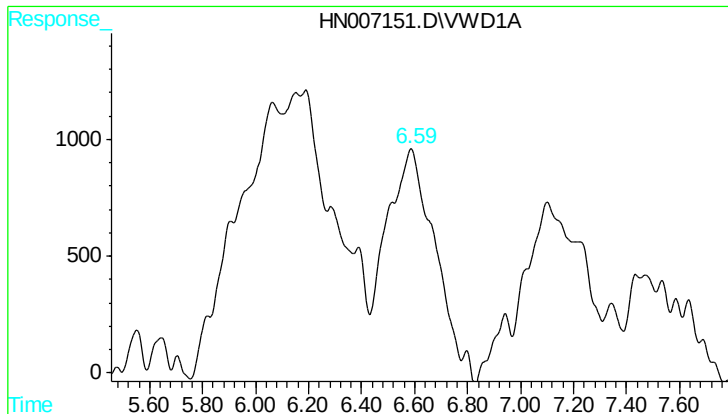
#7 Nitrobenzene

R.T.: 4.825 min  
Delta R.T.: 0.068 min  
Response: 118751  
Conc: 11.81 ug/L m



#8 Tetryl

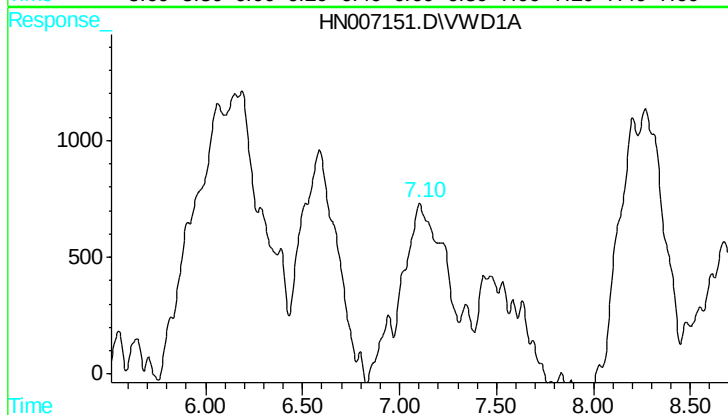
R.T.: 6.188 min  
Delta R.T.: -0.100 min  
Response: 301667  
Conc: 42.65 ug/L m



#9 2,4,6-Trinitrotoluene

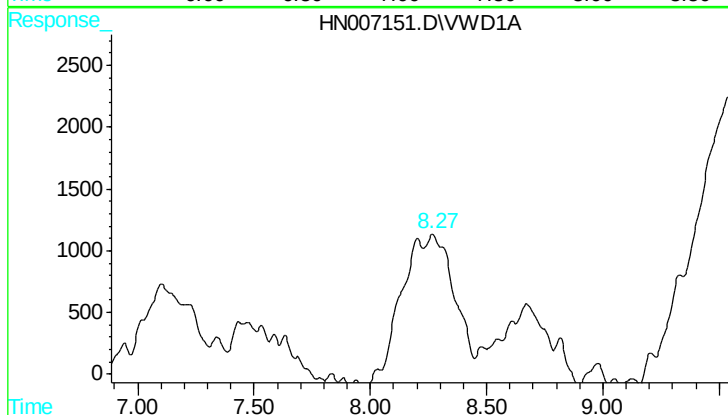
R.T.: 6.586 min  
Delta R.T.: 0.058 min  
Response: 132474  
Conc: 10.82 ug/L m

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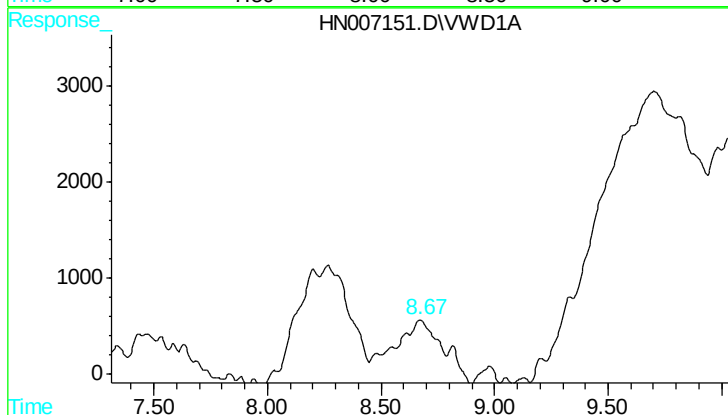
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.101 min  
Delta R.T.: 0.008 min  
Response: 139332  
Conc: 12.35 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.267 min  
Delta R.T.: 0.061 min  
Response: 197840  
Conc: 12.90 ug/L m



#13 2,6-Dinitrotoluene

R.T.: 8.672 min  
Delta R.T.: 0.053 min  
Response: 107070  
Conc: 12.83 ug/L m