

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN052313\HN005258.D Vial: 1  
 Acq On : 23-May-2013, 13:54 Operator: QM  
 Sample : HSTDCCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: May 24 6:07 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              | 1.34  | 2134396  | 502.182 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.91  | 2110076  | 495.982 ug/L  |
| 3) T RDX                         | 1.74  | 2610956  | 507.624 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.67  | 5580214  | 508.867 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.55  | 7822339  | 600.654 ng/ml |
| 6) T 3,5-Dinitroaniline          | 3.97  | 6507555  | 418.018 ug/L  |
| 7) T Nitrobenzene                | 4.72  | 4558813  | 489.784 ug/L  |
| 8) T Tetryl                      | 6.34  | 2617538  | 435.804 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.51  | 6319417  | 540.577 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.15  | 5169613  | 484.169 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.49  | 3306829  | 541.523 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.14  | 7246831  | 498.201 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.54  | 4167823  | 505.182 ug/L  |
| 14) T 2-Nitrotoluene             | 11.65 | 3254670  | 521.847 ug/L  |
| 15) T 4-Nitrotoluene             | 12.38 | 2871211  | 547.374 ug/L  |
| 16) T 3-Nitrotoluene             | 13.64 | 3552580  | 534.887 ug/L  |
| 17) T PETN                       | 18.99 | 4577071  | 532.860 ug/L  |

-----  
 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.

HN005258.D HN052213.M

Fri May 24 06:07:44 2013

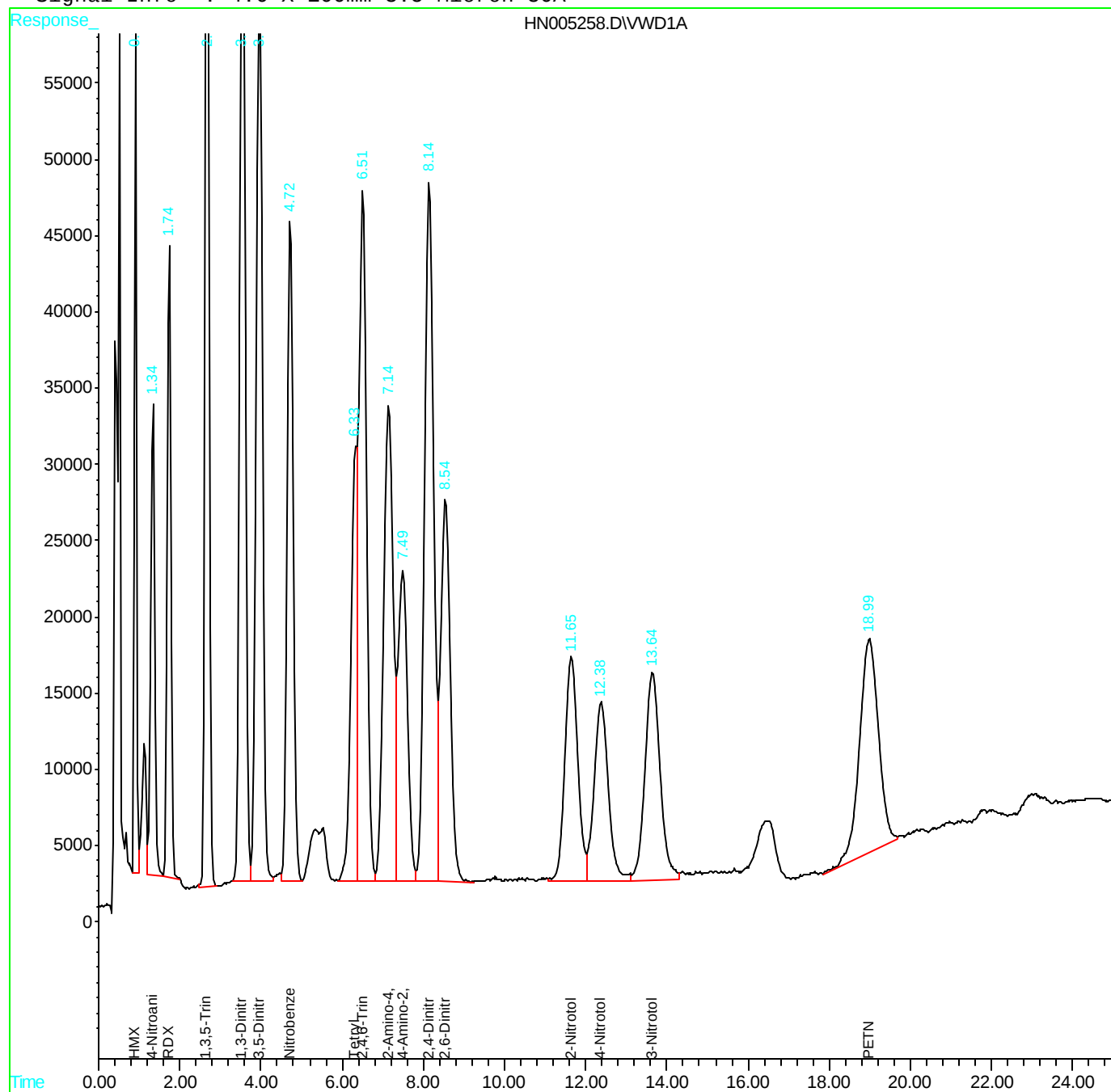
RPT1

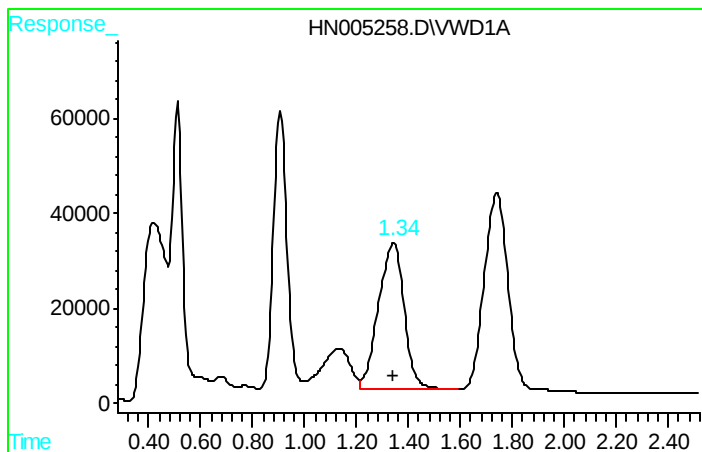
# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN052313\HN005258.D Vial: 1  
Acq On : 23-May-2013, 13:54 Operator: QM  
Sample : HSTDCCC0500 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: May 24 6:07 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

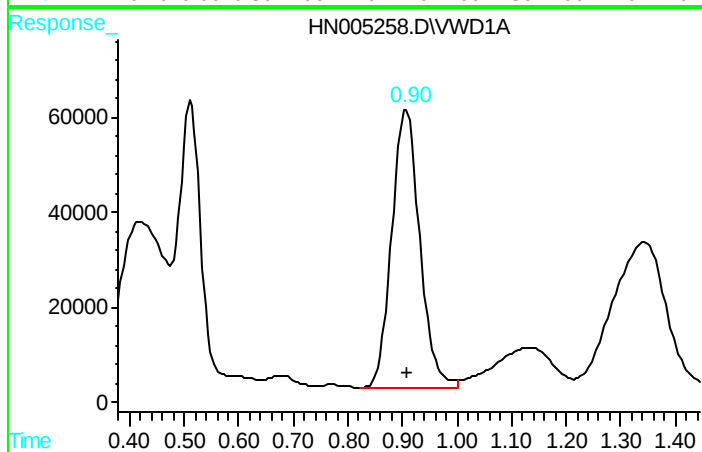
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





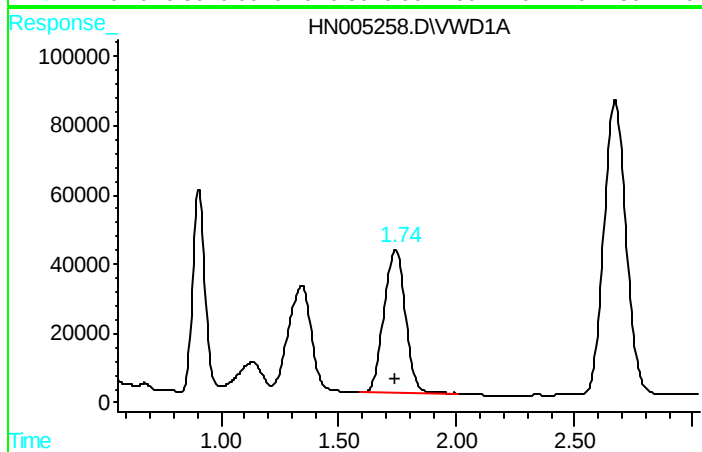
#1 4-Nitroaniline

R.T.: 1.343 min  
Delta R.T.: 0.000 min  
Response: 2134396  
Conc: 502.18 ug/L



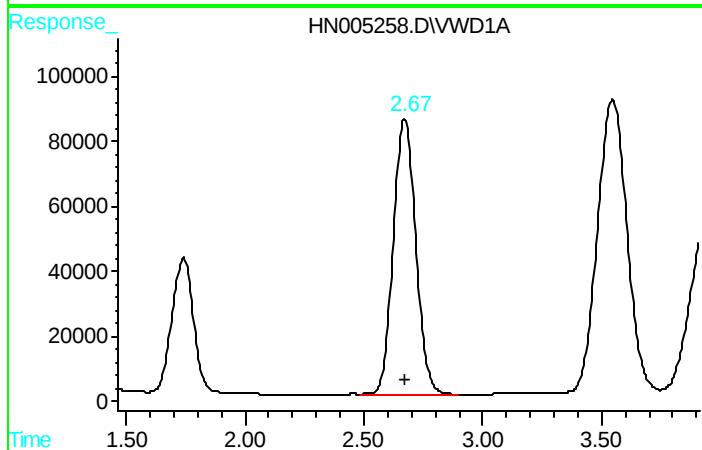
#2 HMX

R.T.: 0.907 min  
Delta R.T.: 0.000 min  
Response: 2110076  
Conc: 495.98 ug/L



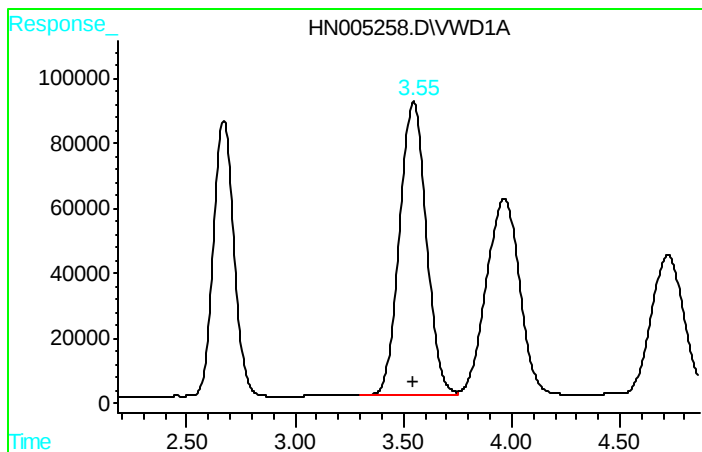
#3 RDX

R.T.: 1.742 min  
Delta R.T.: 0.000 min  
Response: 2610956  
Conc: 507.62 ug/L

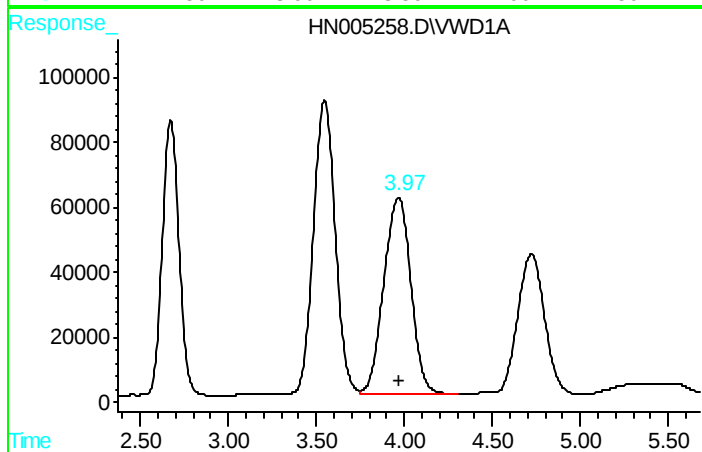


#4 1,3,5-Trinitrobenzene

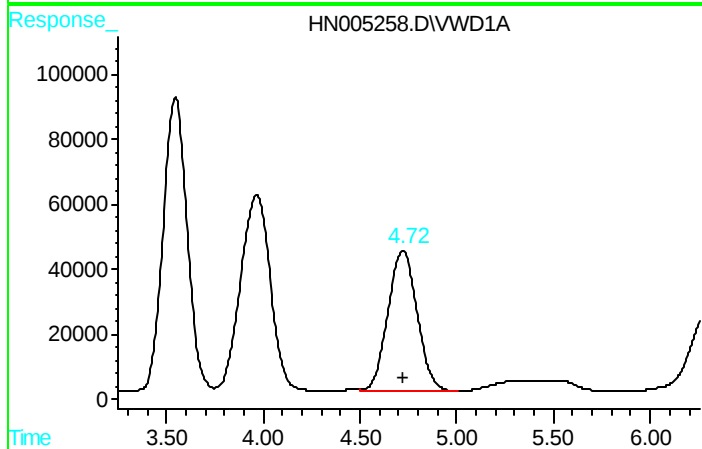
R.T.: 2.672 min  
Delta R.T.: 0.002 min  
Response: 5580214  
Conc: 508.87 ug/L



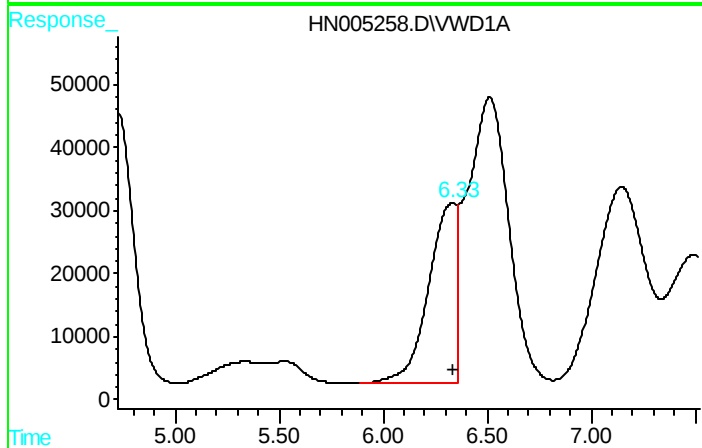
#5 1,3-Dinitrobenzene  
 R.T.: 3.548 min  
 Delta R.T.: 0.002 min  
 Response: 7822339  
 Conc: 600.65 ng/ml



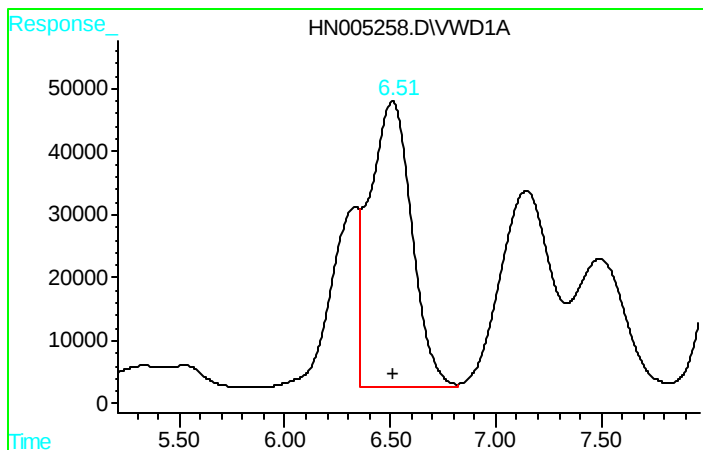
#6 3,5-Dinitroaniline  
 R.T.: 3.968 min  
 Delta R.T.: 0.002 min  
 Response: 6507555  
 Conc: 418.02 ug/L



#7 Nitrobenzene  
 R.T.: 4.722 min  
 Delta R.T.: 0.002 min  
 Response: 4558813  
 Conc: 489.78 ug/L

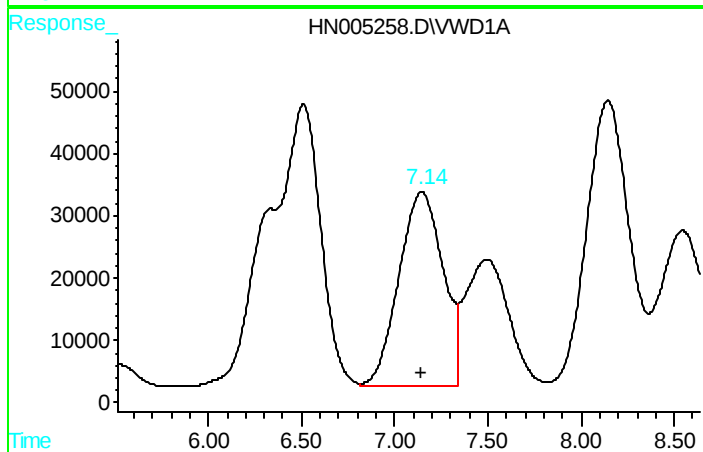


#8 Tetryl  
 R.T.: 6.337 min  
 Delta R.T.: 0.005 min  
 Response: 2617538  
 Conc: 435.80 ug/L



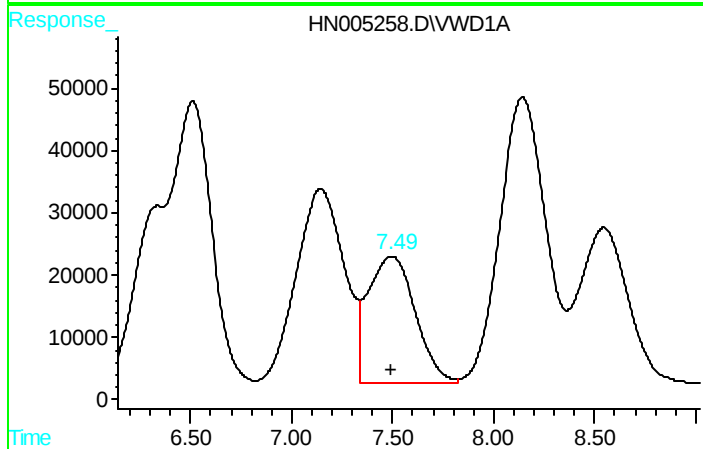
#9 2,4,6-Trinitrotoluene

R.T.: 6.511 min  
Delta R.T.: 0.002 min  
Response: 6319417  
Conc: 540.58 ug/L



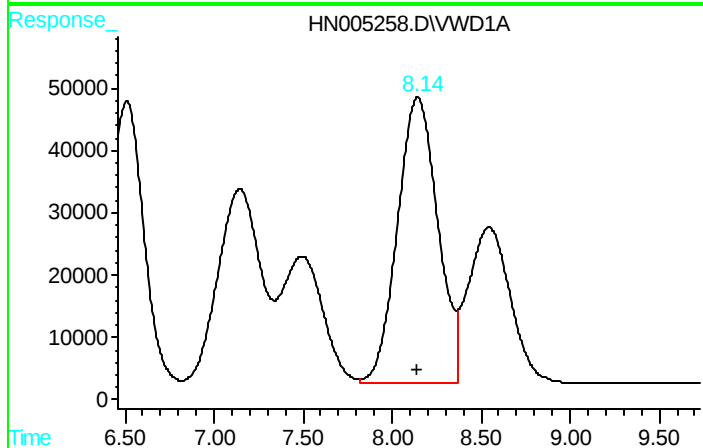
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.146 min  
Delta R.T.: 0.002 min  
Response: 5169613  
Conc: 484.17 ug/L



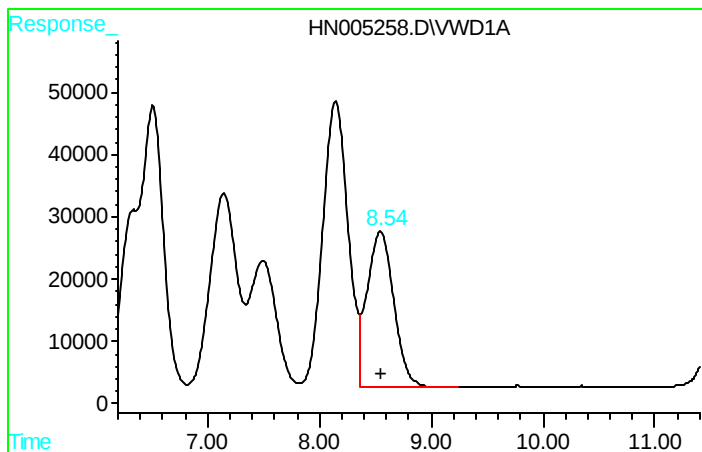
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.495 min  
Delta R.T.: 0.000 min  
Response: 3306829  
Conc: 541.52 ug/L



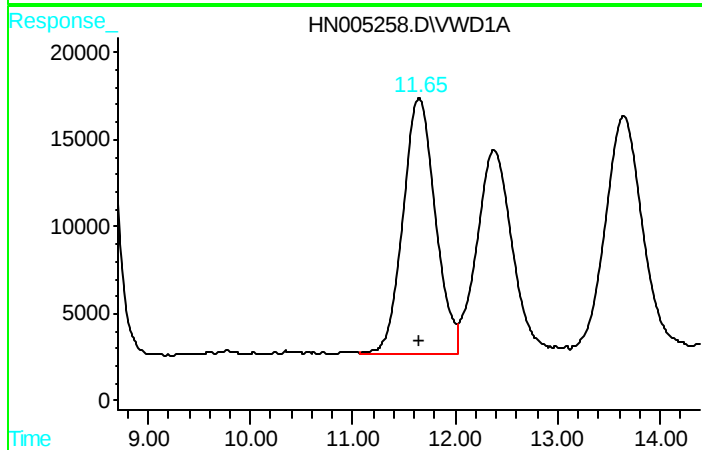
#12 2,4-Dinitrotoluene

R.T.: 8.144 min  
Delta R.T.: 0.002 min  
Response: 7246831  
Conc: 498.20 ug/L



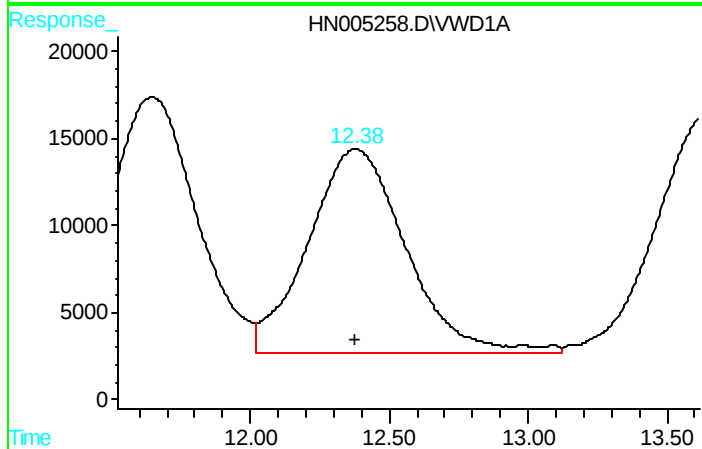
#13 2,6-Dinitrotoluene

R.T.: 8.545 min  
 Delta R.T.: 0.003 min  
 Response: 4167823  
 Conc: 505.18 ug/L



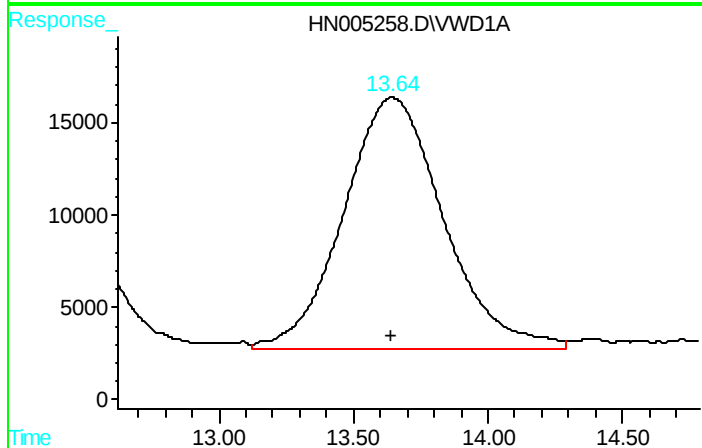
#14 2-Nitrotoluene

R.T.: 11.647 min  
 Delta R.T.: 0.001 min  
 Response: 3254670  
 Conc: 521.85 ug/L



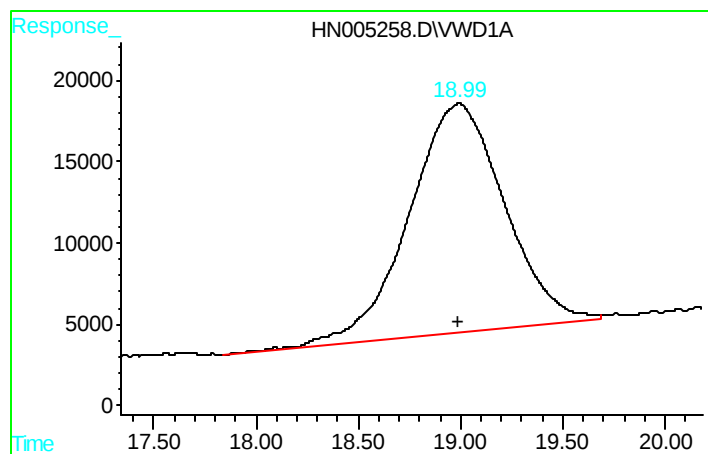
#15 4-Nitrotoluene

R.T.: 12.379 min  
 Delta R.T.: 0.002 min  
 Response: 2871211  
 Conc: 547.37 ug/L



#16 3-Nitrotoluene

R.T.: 13.645 min  
 Delta R.T.: 0.002 min  
 Response: 3552580  
 Conc: 534.89 ug/L



#17 PETN

R.T.: 18.990 min  
Delta R.T.: 0.003 min  
Response: 4577071  
Conc: 532.86 ug/L