

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN052913\HN005323.D Vial: 1  
 Acq On : 29-May-2013, 12:17 Operator: QM  
 Sample : HSTDCCC0500 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: May 30 13:35 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              | 1.40  | 2259748  | 531.675 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.95  | 2072275  | 487.097 ug/L  |
| 3) T RDX                         | 1.82  | 2647569  | 514.743 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.88  | 5663757  | 516.485 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.87  | 8214783  | 630.789 ng/ml |
| 6) T 3,5-Dinitroaniline          | 4.34  | 6712549  | 431.186 ug/L  |
| 7) T Nitrobenzene                | 5.14  | 4808793  | 516.641 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 7.05  | 8669872  | 741.640 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.75  | 5258841  | 492.526 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 8.11  | 3281977  | 537.453 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.79  | 7475949  | 513.953 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 9.22  | 4215897  | 511.009 ug/L  |
| 14) T 2-Nitrotoluene             | 12.54 | 3337358  | 535.105 ug/L  |
| 15) T 4-Nitrotoluene             | 13.33 | 2754597  | 525.143 ug/L  |
| 16) T 3-Nitrotoluene             | 14.67 | 3377281  | 508.494 ug/L  |
| 17) T PETN                       | 20.32 | 4617275  | 537.541 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.

HN005323.D HN052213.M

Thu May 30 13:37:47 2013

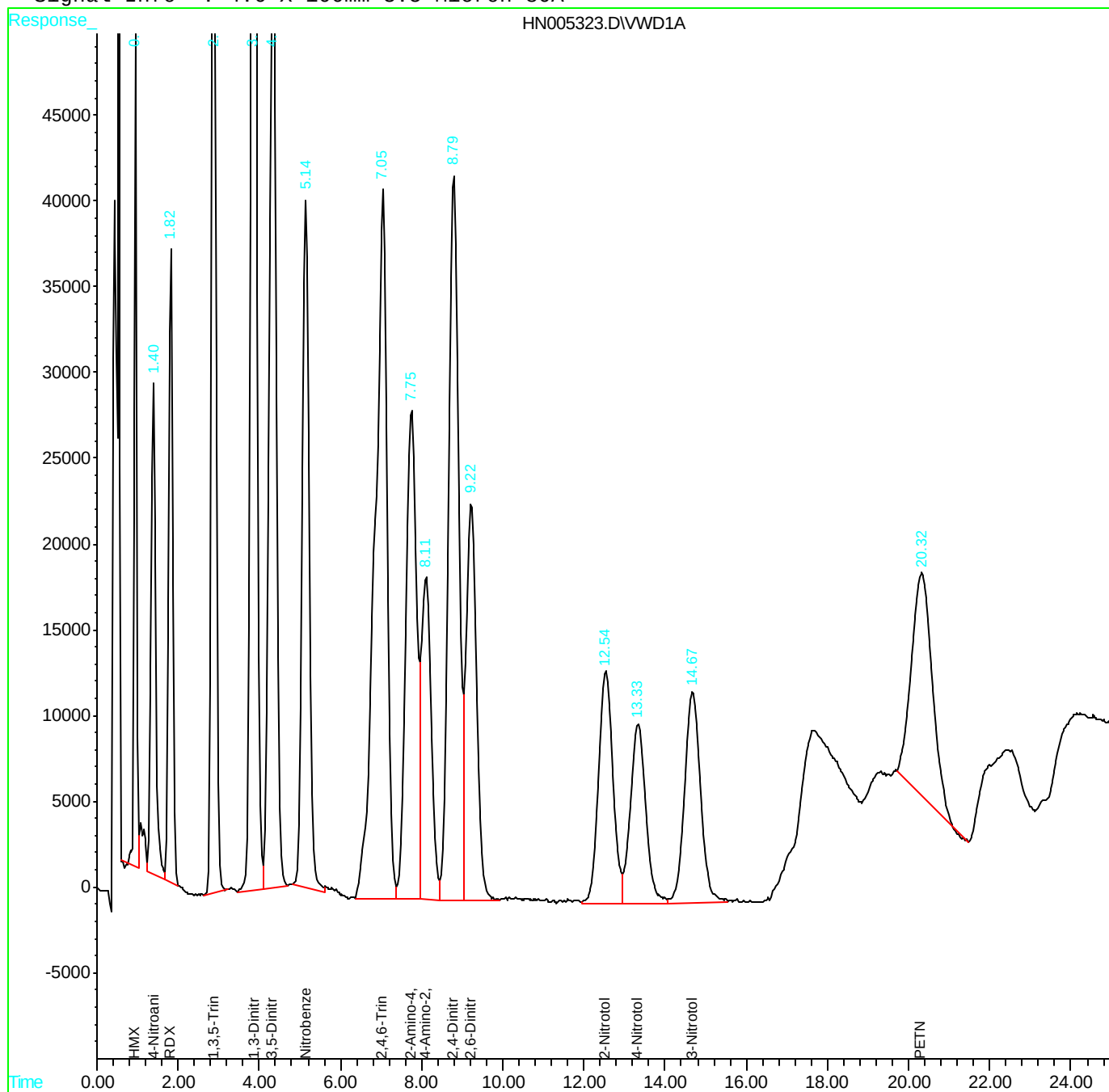
RPT1

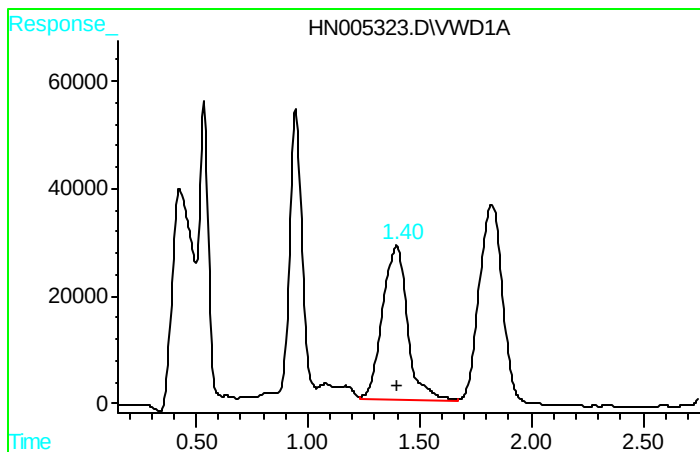
# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN052913\HN005323.D Vial: 1  
Acq On : 29-May-2013, 12:17 Operator: QM  
Sample : HSTDCCC0500 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: May 30 13:35 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

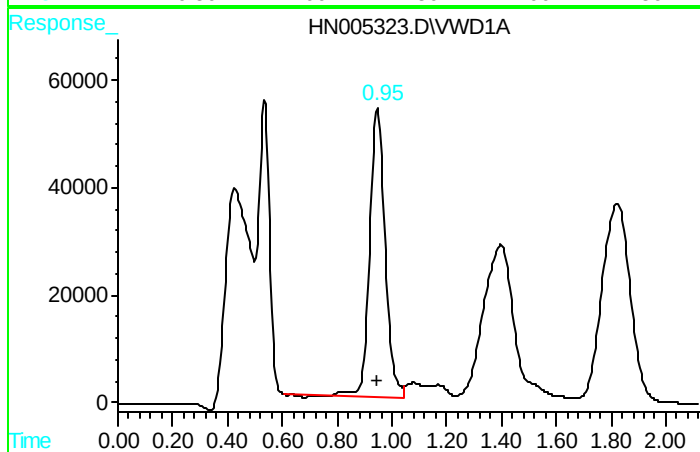
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





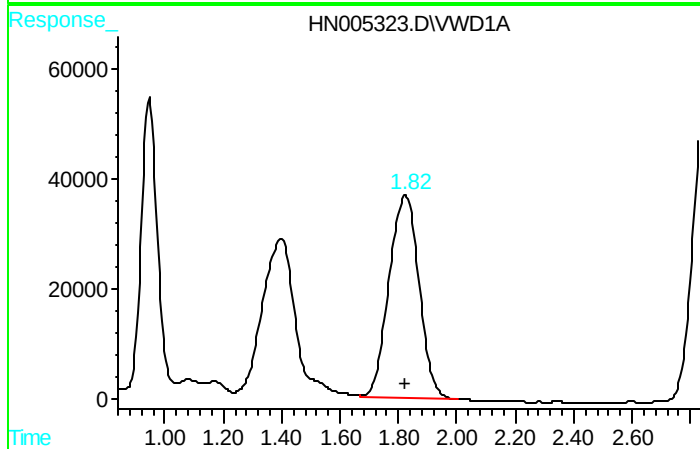
#1 4-Nitroaniline

R.T.: 1.398 min  
Delta R.T.: 0.000 min  
Response: 2259748  
Conc: 531.67 ug/L



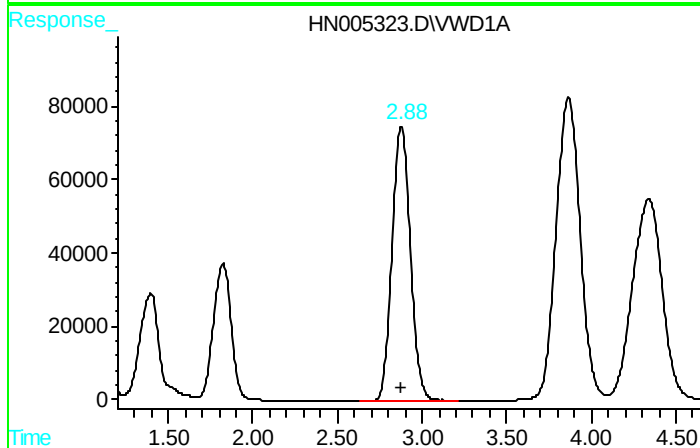
#2 HMX

R.T.: 0.947 min  
Delta R.T.: 0.000 min  
Response: 2072275  
Conc: 487.10 ug/L



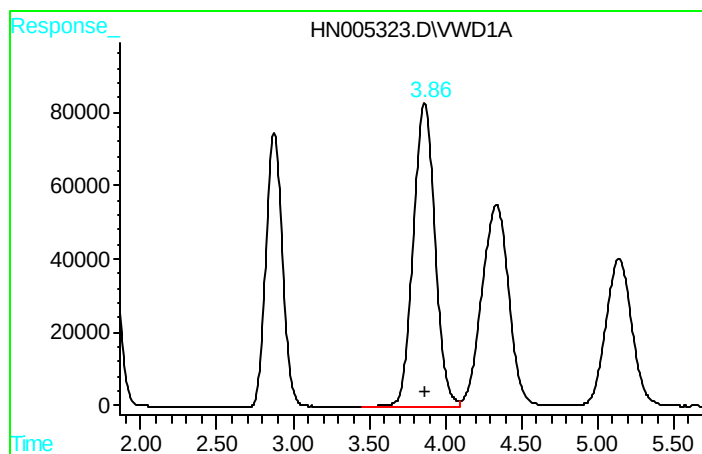
#3 RDX

R.T.: 1.825 min  
Delta R.T.: 0.001 min  
Response: 2647569  
Conc: 514.74 ug/L



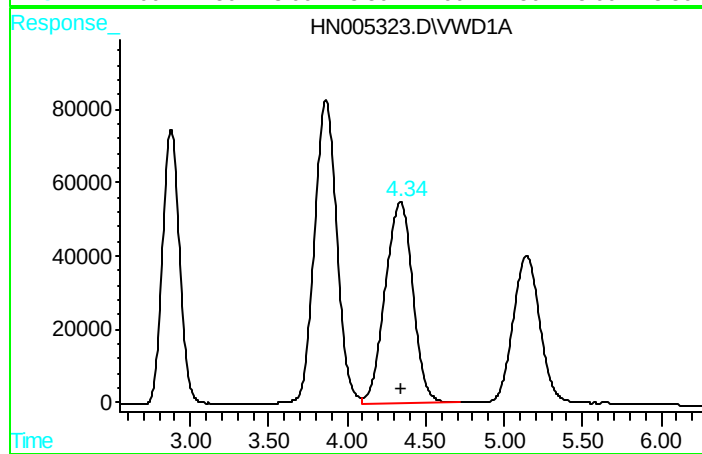
#4 1,3,5-Trinitrobenzene

R.T.: 2.878 min  
Delta R.T.: 0.002 min  
Response: 5663757  
Conc: 516.49 ug/L



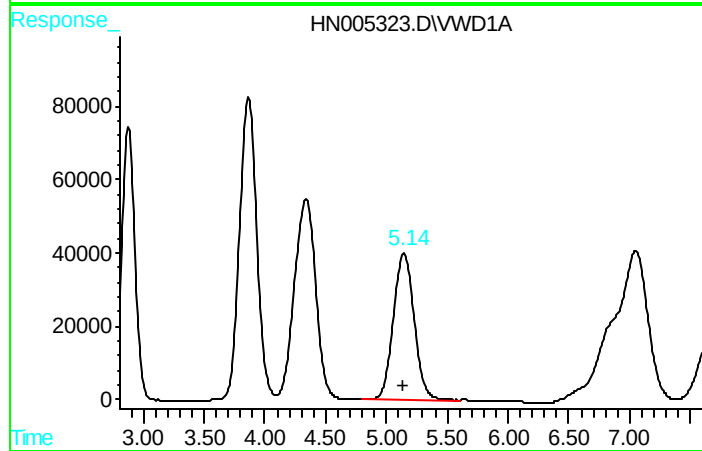
#5 1,3-Dinitrobenzene

R.T.: 3.866 min  
Delta R.T.: 0.002 min  
Response: 8214783  
Conc: 630.79 ng/ml



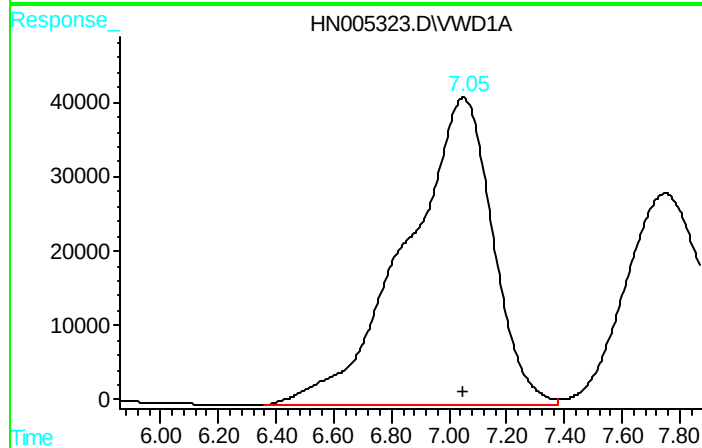
#6 3,5-Dinitroaniline

R.T.: 4.340 min  
Delta R.T.: 0.002 min  
Response: 6712549  
Conc: 431.19 ug/L



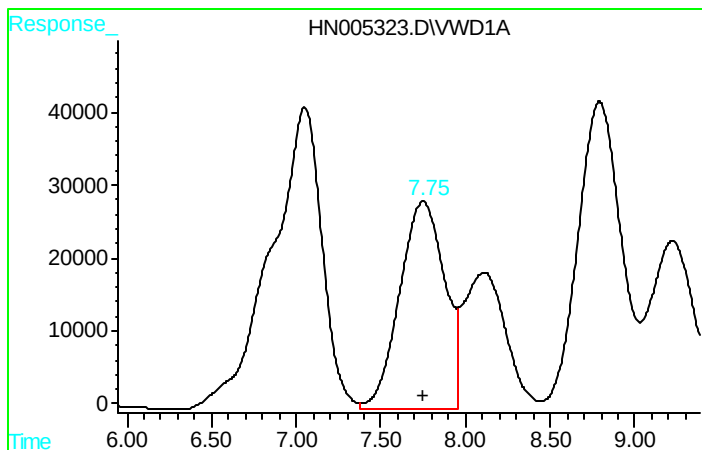
#7 Nitrobenzene

R.T.: 5.144 min  
Delta R.T.: 0.002 min  
Response: 4808793  
Conc: 516.64 ug/L



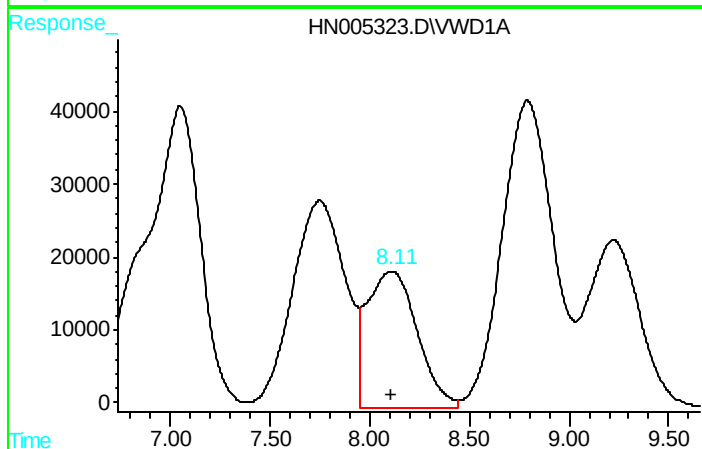
#9 2,4,6-Trinitrotoluene

R.T.: 7.051 min  
Delta R.T.: 0.002 min  
Response: 8669872  
Conc: 741.64 ug/L



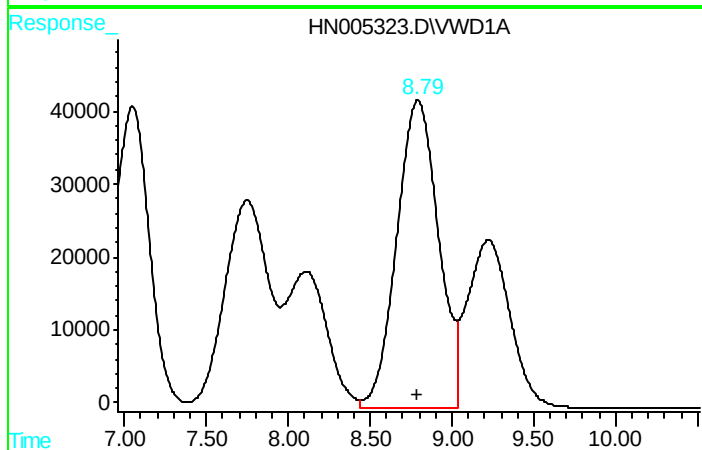
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.751 min  
Delta R.T.: 0.002 min  
Response: 5258841  
Conc: 492.53 ug/L



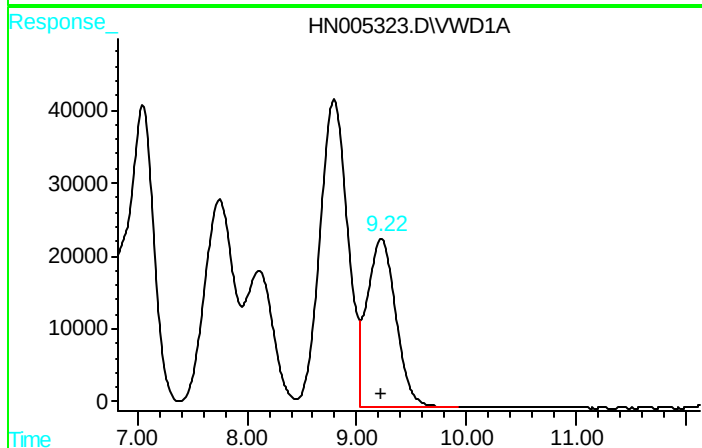
#11 4-Amino-2,6-dinitrotoluene

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 3281977  
Conc: 537.45 ug/L



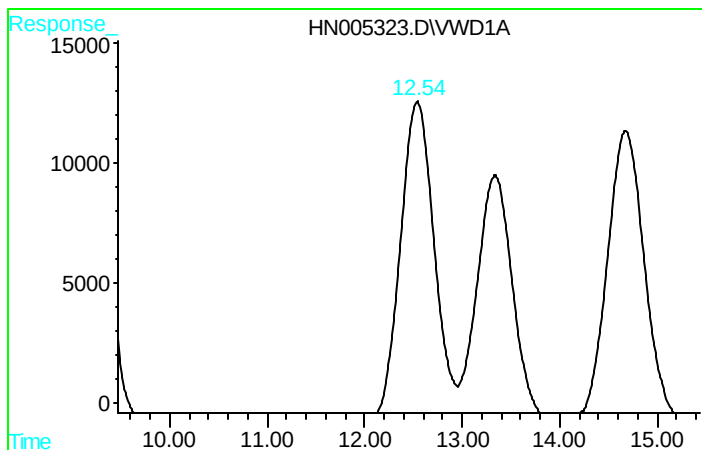
#12 2,4-Dinitrotoluene

R.T.: 8.791 min  
Delta R.T.: 0.002 min  
Response: 7475949  
Conc: 513.95 ug/L



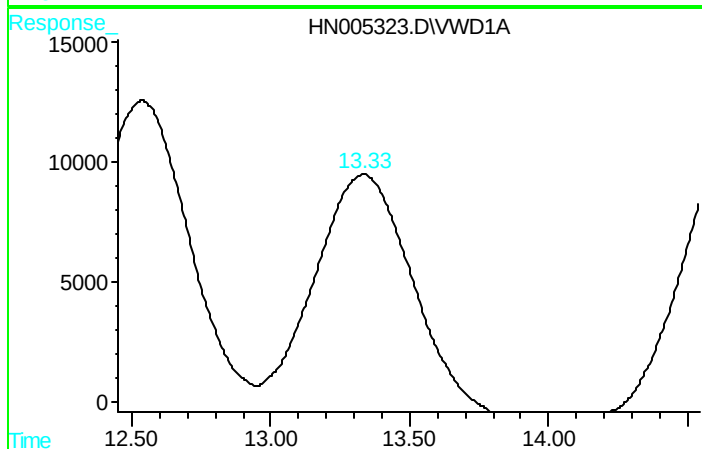
#13 2,6-Dinitrotoluene

R.T.: 9.223 min  
Delta R.T.: 0.002 min  
Response: 4215897  
Conc: 511.01 ug/L



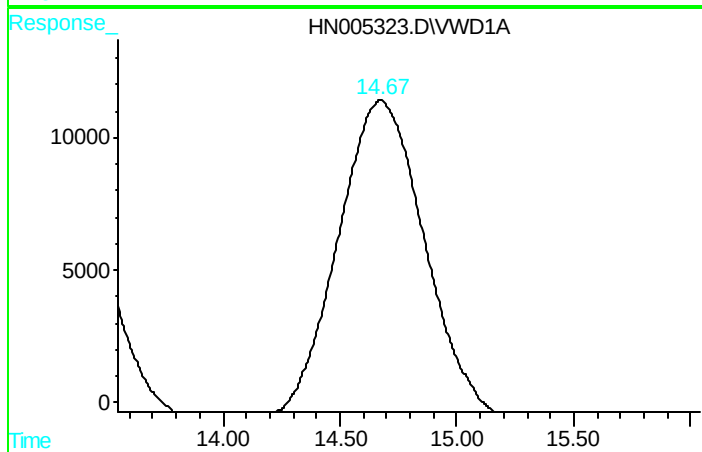
#### #14 2-Nitrotoluene

R.T.: 12.538 min  
 Delta R.T.: 0.003 min  
 Response: 3337358  
 Conc: 535.10 ug/L



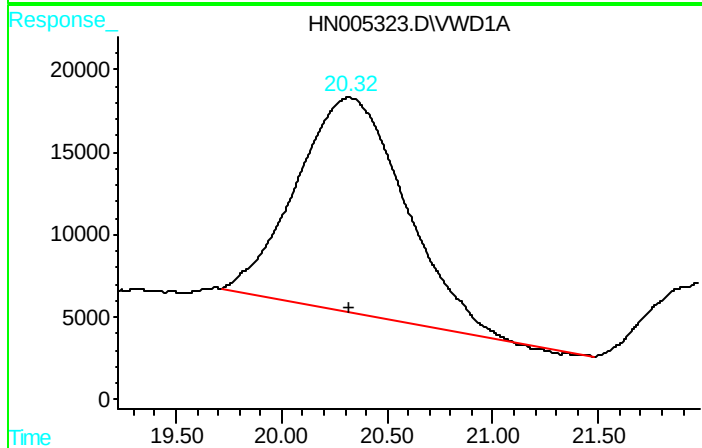
#### #15 4-Nitrotoluene

R.T.: 13.335 min  
 Delta R.T.: 0.000 min  
 Response: 2754597  
 Conc: 525.14 ug/L



#### #16 3-Nitrotoluene

R.T.: 14.675 min  
 Delta R.T.: 0.000 min  
 Response: 3377281  
 Conc: 508.49 ug/L



#### #17 PETN

R.T.: 20.321 min  
 Delta R.T.: 0.000 min  
 Response: 4617275  
 Conc: 537.54 ug/L