

Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN111113\HN005688.D Vial: 1  
 Acq On : 11-Nov-2013, 14:07 Operator: QM  
 Sample : HSTDICC5000 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Nov 11 16:09 2013 Quant Results File: HN111113.RES

Instrument :  
 HPLC\_N  
 LabSampleId :  
 HSTDICC5000

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN111113.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              | 1.36  | 20831070 | 5643.253 ug/L  |
| Target Compounds                 |       |          |                |
| 2) T HMX                         | 0.90  | 20072828 | 4999.590 ug/L  |
| 3) T RDX                         | 1.68  | 26956378 | 4928.044 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.78  | 50305334 | 4838.378 ug/L  |
| 5) T 3,5-Dinitroaniline          | 3.68  | 82548766 | 5118.480 ng/ml |
| 6) T 1,3-Dinitrobenzene          | 4.04  | 63754684 | 5023.312 ug/L  |
| 7) T Nitrobenzene                | 4.92  | 51237296 | 5027.282 ug/L  |
| 8) T Tetryl                      | 6.57  | 29067159 | 4233.845 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.88  | 59276457 | 5218.631 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.36  | 56719840 | 5197.998 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.75  | 26341856 | 4491.975 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.57  | 77008647 | 5214.641 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 9.00  | 38504256 | 4884.521 ug/L  |
| 14) T 2-Nitrotoluene             | 12.35 | 32623162 | 5099.073 ug/L  |
| 15) T 4-Nitrotoluene             | 13.16 | 26668449 | 4945.972 ug/L  |
| 16) T 3-Nitrotoluene             | 14.48 | 87642885 | 12778.905 ug/L |
| 17) T PETN                       | 20.07 | 44718548 | 5164.209 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.

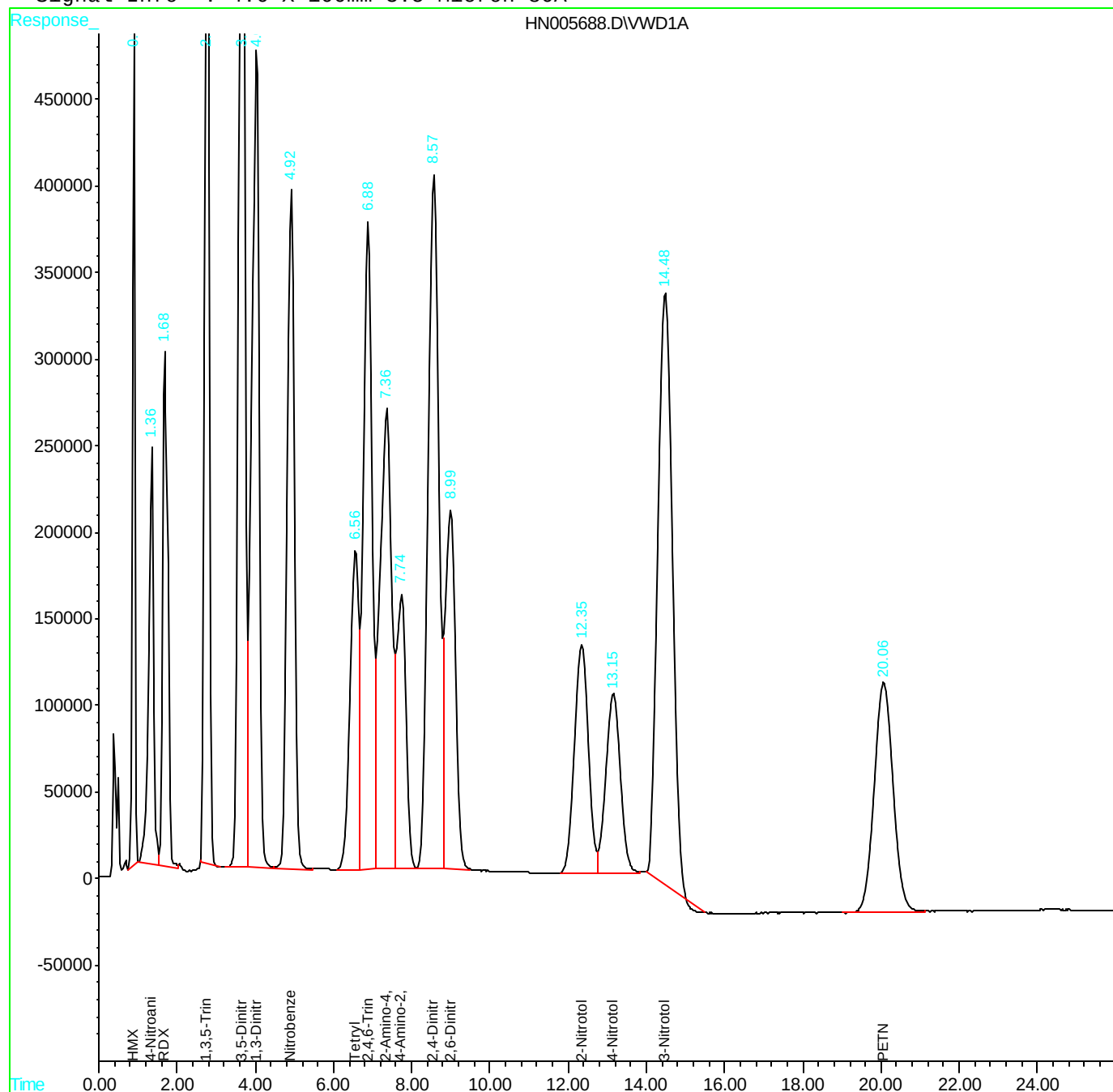
# Quantitation Report

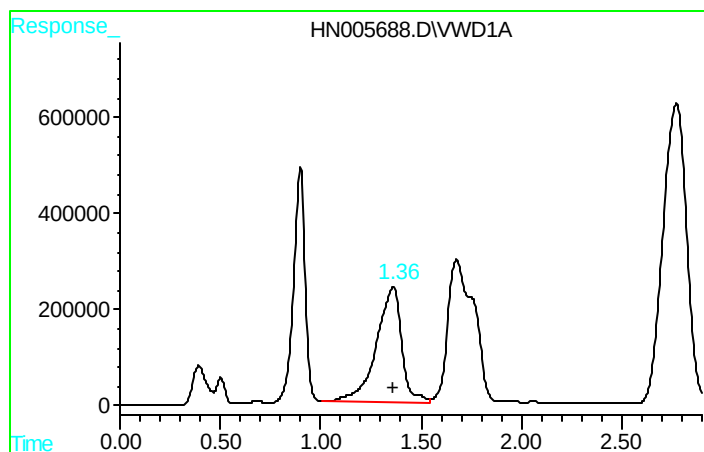
Data File : Z:\HPCHEM1\HPLC\_N\DATA\HN111113\HN005688.D Vial: 1  
 Acq On : 11-Nov-2013, 14:07 Operator: QM  
 Sample : HSTDICC5000 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Nov 11 16:09 2013 Quant Results File: HN111113.RES

Instrument :  
 HPLC\_N  
 LabSampleId :  
 HSTDICC5000

Quant Method : Z:\HPCHEM1\HPLC\_N\METHOD\HN111113.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

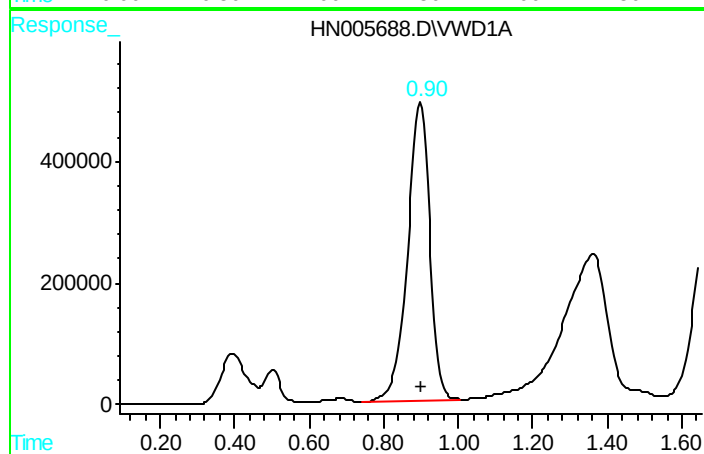




# #1 4-Nitroaniline

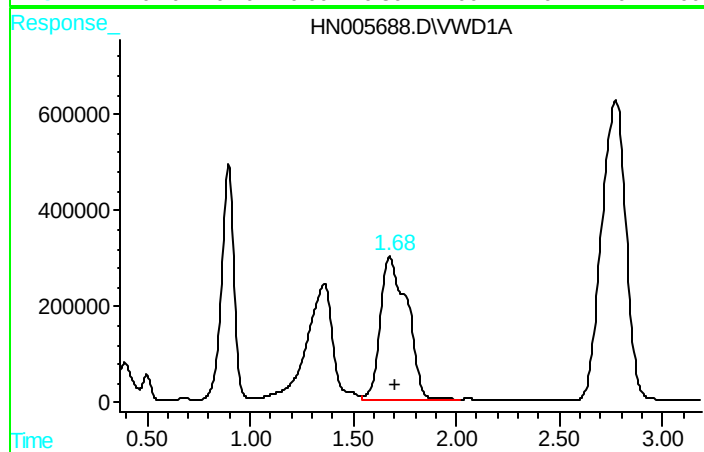
R.T.: 1.362 min  
Delta R.T.: 0.002 min  
Response: 20831070  
Conc: 5643.25 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC5000



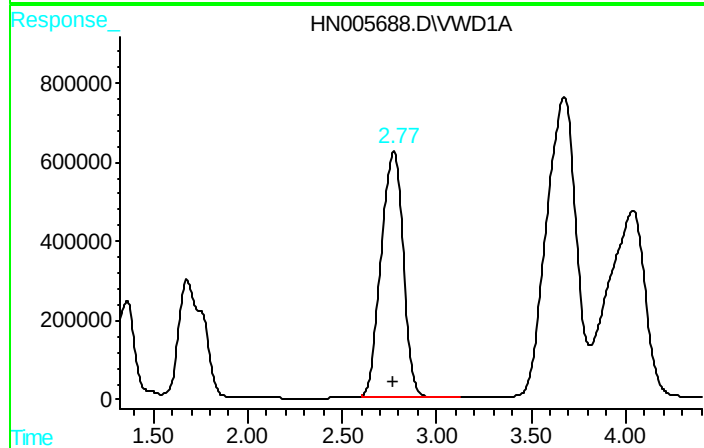
# #2 HMX

R.T.: 0.899 min  
Delta R.T.: -0.003 min  
Response: 20072828  
Conc: 4999.59 ug/L



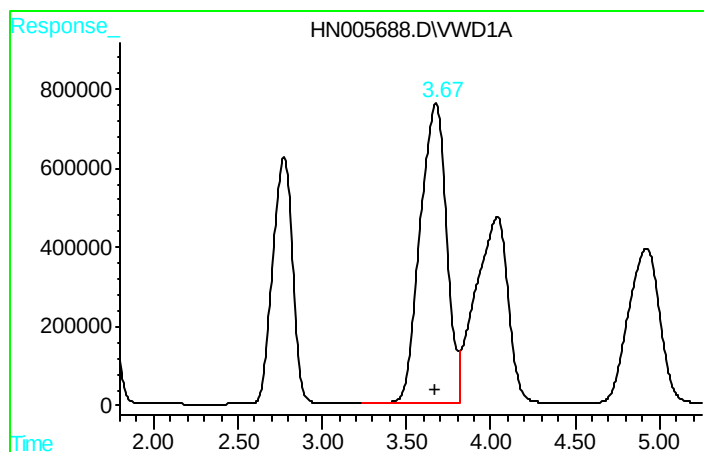
# #3 RDX

R.T.: 1.680 min  
Delta R.T.: -0.022 min  
Response: 26956378  
Conc: 4928.04 ug/L



# #4 1,3,5-Trinitrobenzene

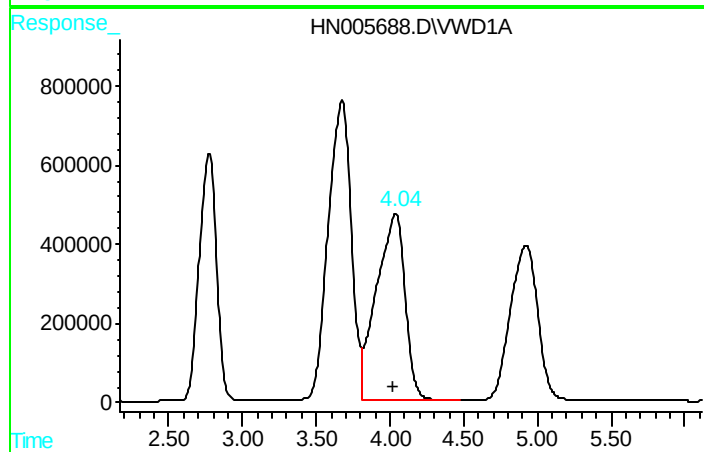
R.T.: 2.775 min  
Delta R.T.: 0.002 min  
Response: 50305334  
Conc: 4838.38 ug/L



#5 3,5-Dinitroaniline

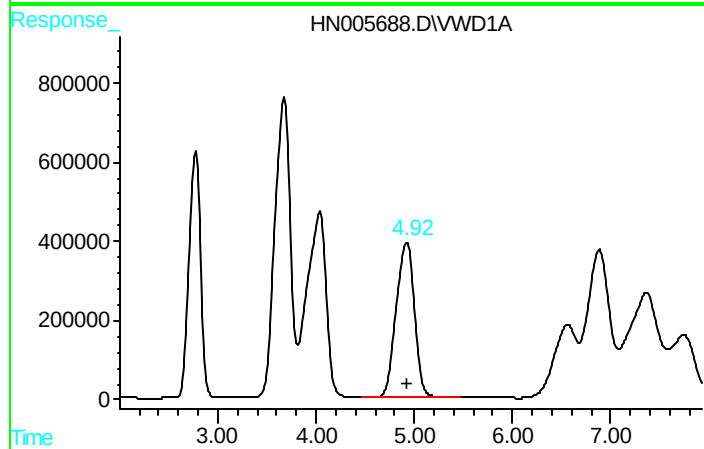
R.T.: 3.676 min  
Delta R.T.: 0.006 min  
Response: 82548766  
Conc: 5118.48 ng/ml

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC5000



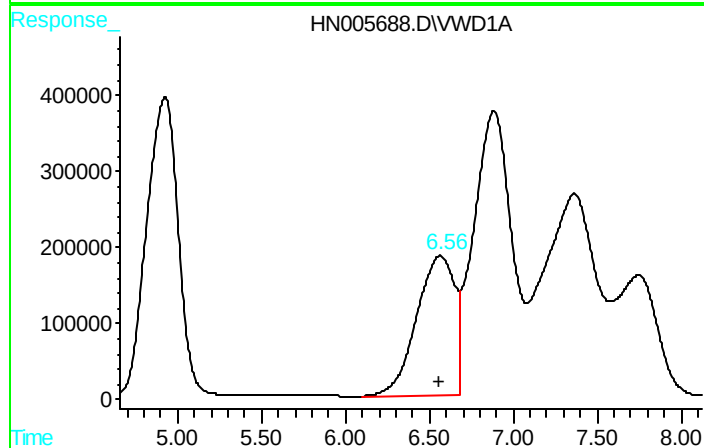
#6 1,3-Dinitrobenzene

R.T.: 4.039 min  
Delta R.T.: 0.013 min  
Response: 63754684  
Conc: 5023.31 ug/L



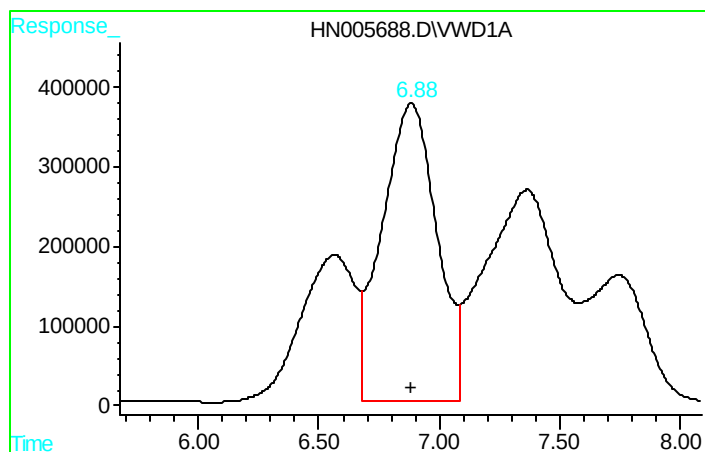
#7 Nitrobenzene

R.T.: 4.925 min  
Delta R.T.: 0.003 min  
Response: 51237296  
Conc: 5027.28 ug/L



#8 Tetryl

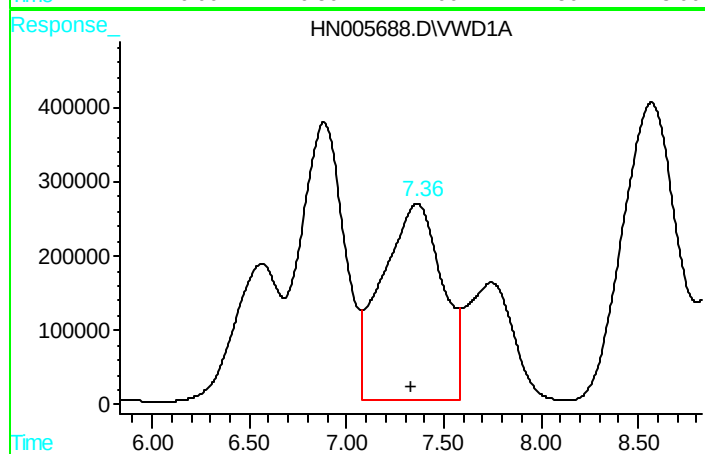
R.T.: 6.565 min  
Delta R.T.: 0.007 min  
Response: 29067159  
Conc: 4233.85 ug/L



#9 2,4,6-Trinitrotoluene

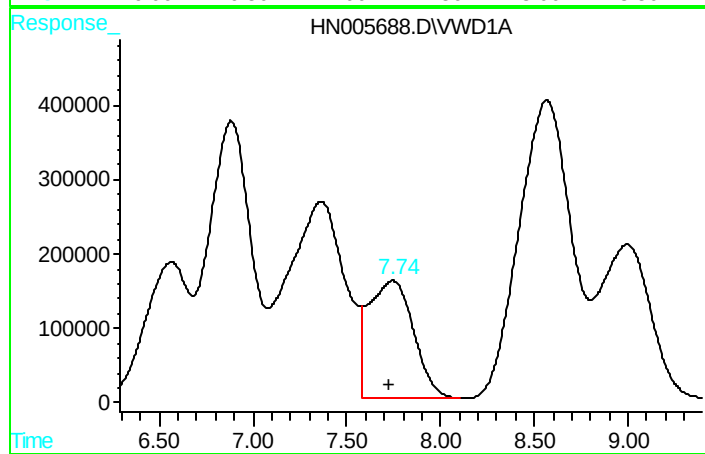
R.T.: 6.885 min  
Delta R.T.: 0.006 min  
Response: 59276457  
Conc: 5218.63 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC5000



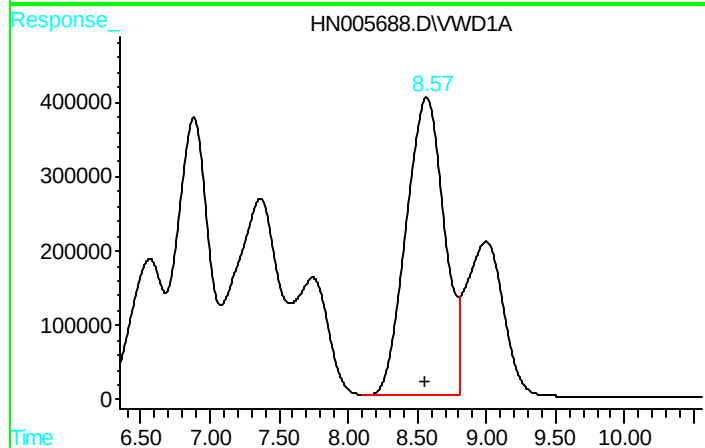
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.364 min  
Delta R.T.: 0.030 min  
Response: 56719840  
Conc: 5198.00 ug/L



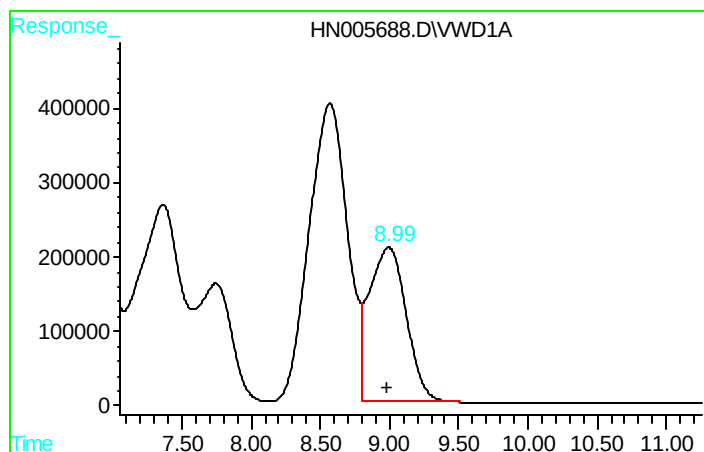
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.745 min  
Delta R.T.: 0.021 min  
Response: 26341856  
Conc: 4491.98 ug/L



#12 2,4-Dinitrotoluene

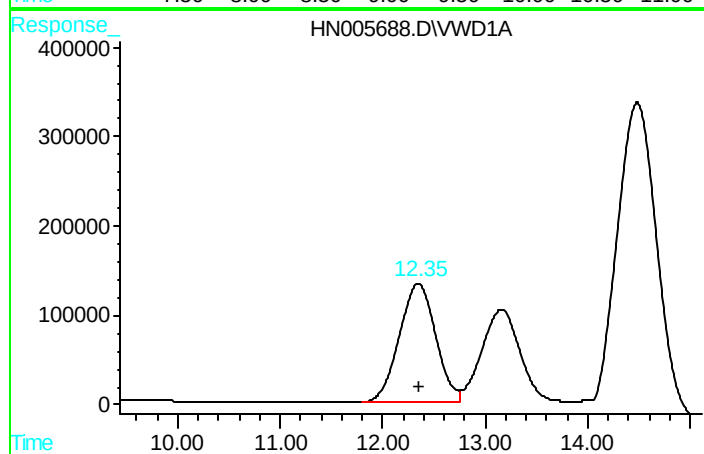
R.T.: 8.568 min  
Delta R.T.: 0.006 min  
Response: 77008647  
Conc: 5214.64 ug/L



#13 2,6-Dinitrotoluene

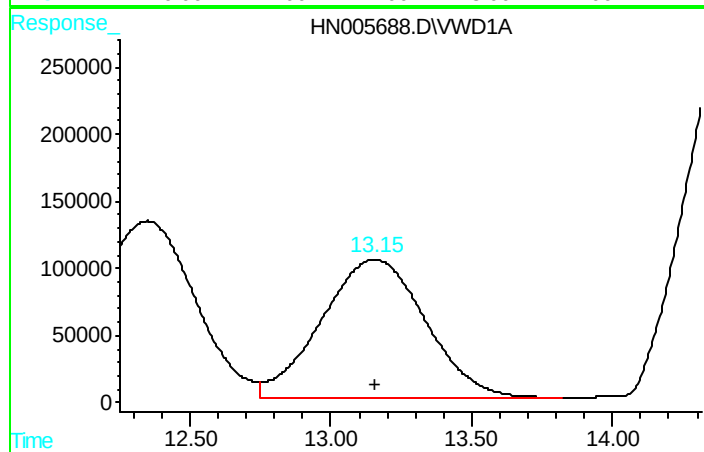
R.T.: 8.996 min  
Delta R.T.: 0.009 min  
Response: 38504256  
Conc: 4884.52 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC5000



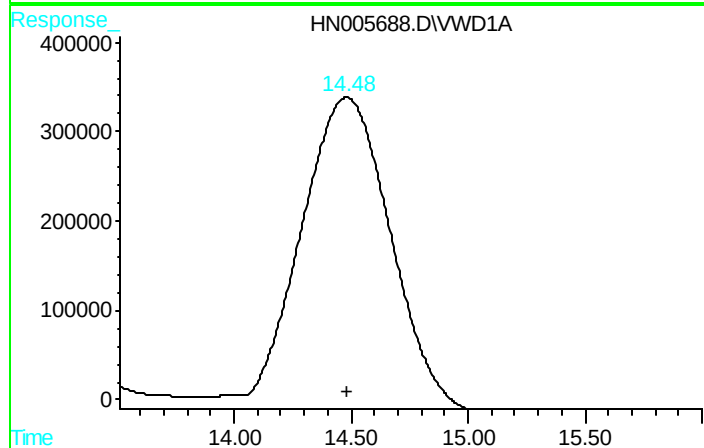
#14 2-Nitrotoluene

R.T.: 12.349 min  
Delta R.T.: -0.004 min  
Response: 32623162  
Conc: 5099.07 ug/L



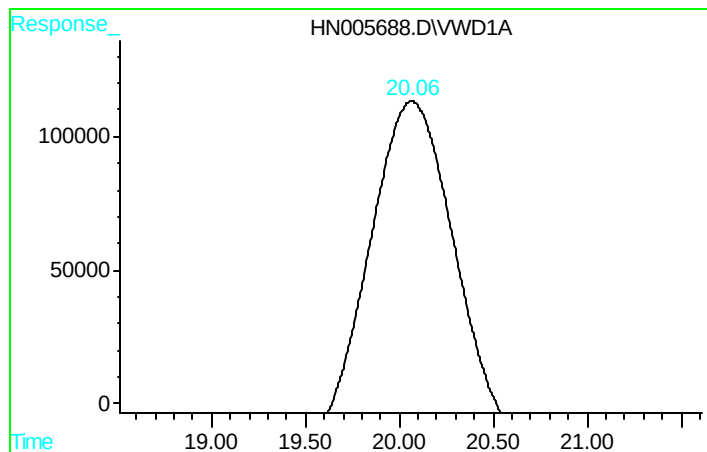
#15 4-Nitrotoluene

R.T.: 13.156 min  
Delta R.T.: 0.002 min  
Response: 26668449  
Conc: 4945.97 ug/L



#16 3-Nitrotoluene

R.T.: 14.481 min  
Delta R.T.: 0.000 min  
Response: 87642885  
Conc: 12778.91 ug/L



#17 PETN

R.T.: 20.066 min  
Delta R.T.: 0.002 min  
Response: 44718548  
Conc: 5164.21 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC5000