

Data File : S:\HPCHEM1\HPLC\_N\DATA\HN071714\HN006134.D Vial: 9  
 Acq On : 17-Jul-2014, 12:07 Operator: HNP  
 Sample : HSTDICC2000 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jul 17 13:16 2014 Quant Results File: HN071714.RES

Instrument :  
 HPLC\_N  
 LabSampleId :  
 HSTDICC2000

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN071714.M  
 Title :  
 Last Update : Thu Jul 17 12:40:22 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              | 1.33  | 8401846  | 2107.657 ug/L  |
| Target Compounds                 |       |          |                |
| 2) T HMX                         | 0.88  | 8551030  | 1954.972 ug/L  |
| 3) T RDX                         | 1.72  | 10676029 | 2139.124 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.73  | 21177925 | 2105.377 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.64  | 32177428 | 2115.094 ng/ml |
| 6) T 3,5-Dinitroaniline          | 4.00  | 25748208 | 2110.225 ug/L  |
| 7) T Nitrobenzene                | 4.92  | 19865816 | 2161.432 ug/L  |
| 8) T Tetryl                      | 6.50  | 14876866 | 2068.045 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.79  | 20471514 | 2135.085 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.31  | 22148809 | 2198.487 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.69  | 13336076 | 1999.644 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.52  | 30429571 | 2148.330 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.95  | 16306207 | 2082.076 ug/L  |
| 14) T 2-Nitrotoluene             | 12.42 | 12990412 | 2075.769 ug/L  |
| 15) T 4-Nitrotoluene             | 13.20 | 10474726 | 2048.806 ug/L  |
| 16) T 3-Nitrotoluene             | 14.55 | 13442627 | 2146.328 ug/L  |
| 17) T PETN                       | 19.78 | 18342584 | 2294.831 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.

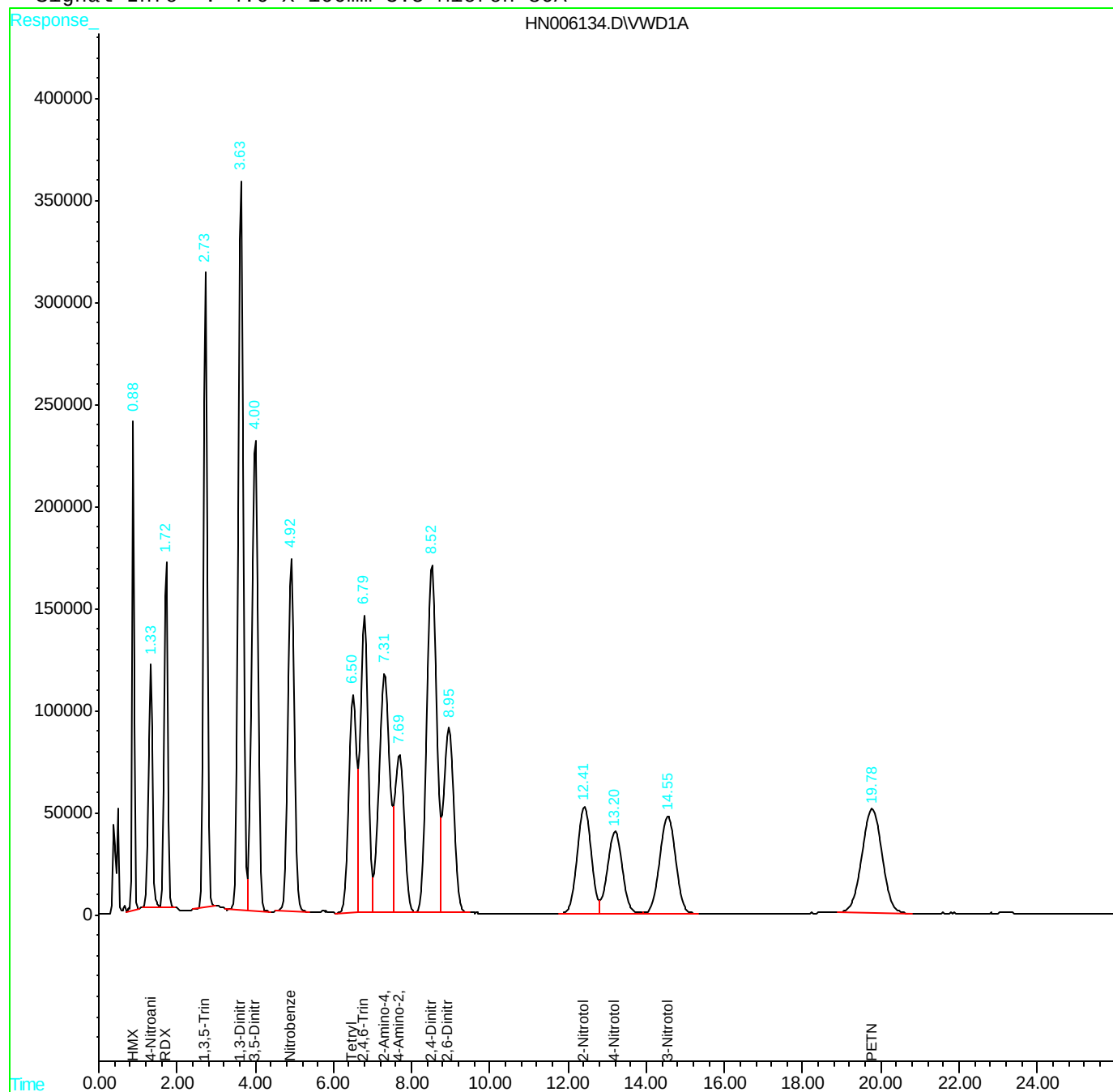
# Quantitation Report

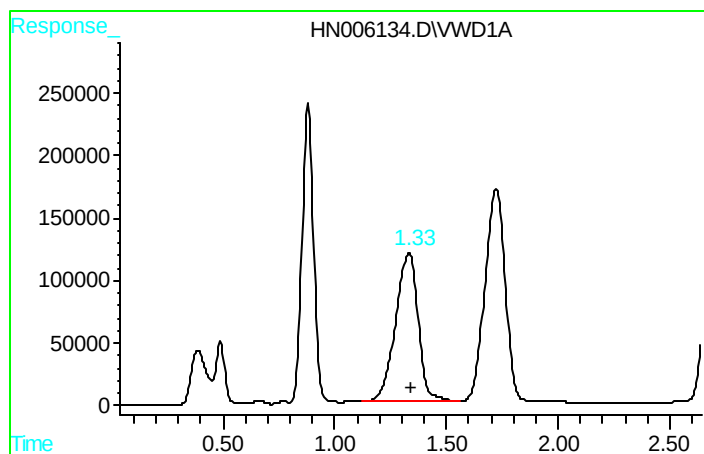
Data File : S:\HPCHEM1\HPLC\_N\DATA\HN071714\HN006134.D Vial: 9  
Acq On : 17-Jul-2014, 12:07 Operator: HNP  
Sample : HSTDICC2000 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: Jul 17 13:16 2014 Quant Results File: HN071714.RES

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC2000

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN071714.M  
Title :  
Last Update : Thu Jul 17 12:40:22 2014  
Response via : Single 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

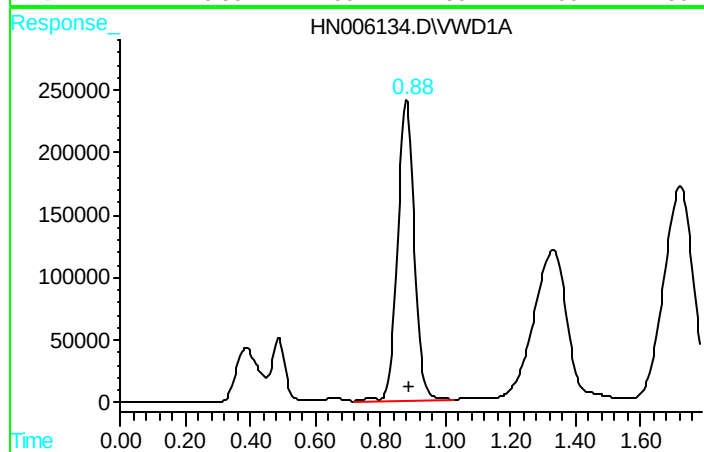




# #1 4-Nitroaniline

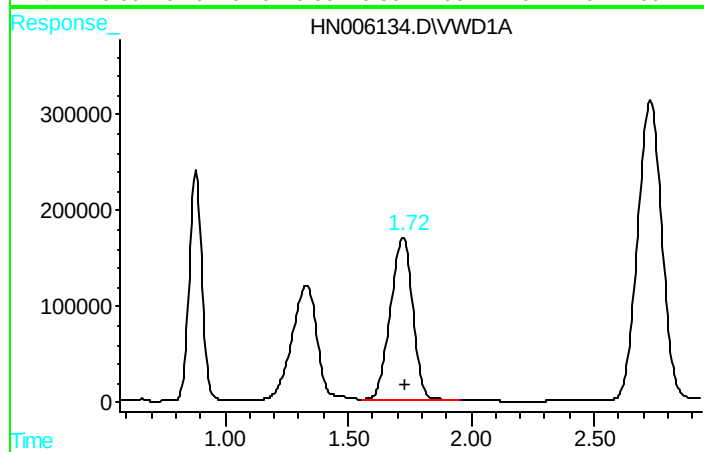
R.T.: 1.332 min  
Delta R.T.: -0.005 min  
Response: 8401846  
Conc: 2107.66 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC2000



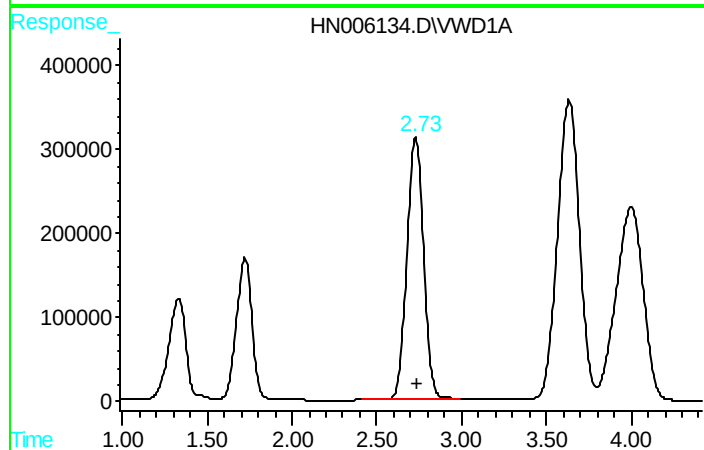
# #2 HMX

R.T.: 0.882 min  
Delta R.T.: -0.006 min  
Response: 8551030  
Conc: 1954.97 ug/L



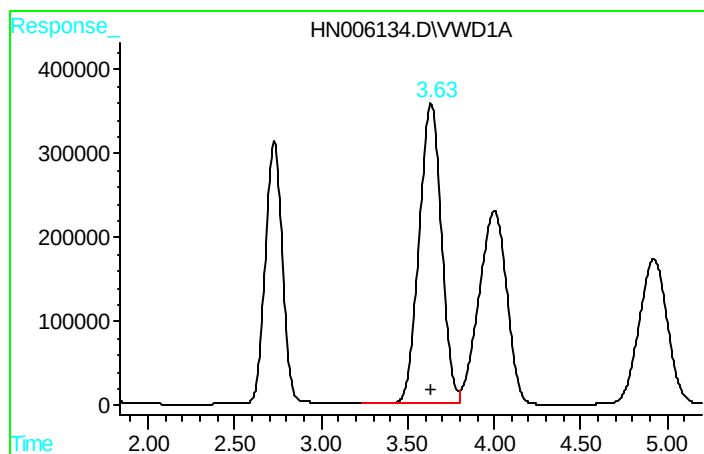
# #3 RDX

R.T.: 1.724 min  
Delta R.T.: -0.007 min  
Response: 10676029  
Conc: 2139.12 ug/L



# #4 1,3,5-Trinitrobenzene

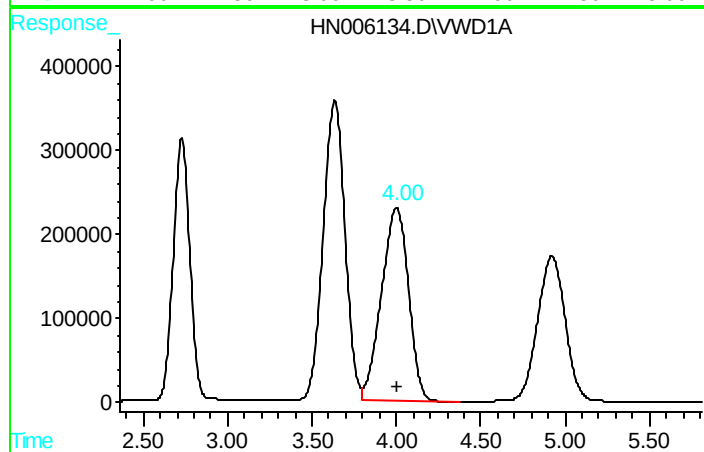
R.T.: 2.730 min  
Delta R.T.: -0.007 min  
Response: 21177925  
Conc: 2105.38 ug/L



#5 1,3-Dinitrobenzene

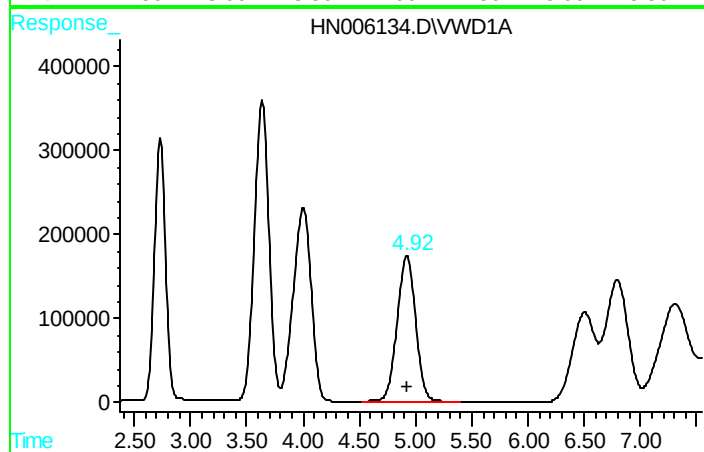
R.T.: 3.635 min  
Delta R.T.: -0.004 min  
Response: 32177428  
Conc: 2115.09 ng/ml

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC2000



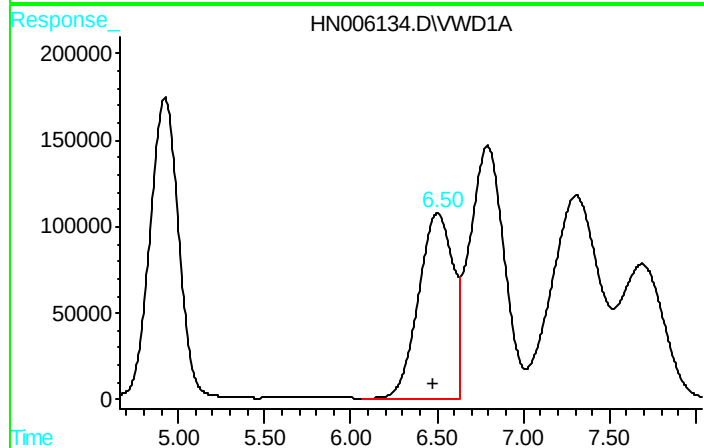
#6 3,5-Dinitroaniline

R.T.: 4.001 min  
Delta R.T.: 0.003 min  
Response: 25748208  
Conc: 2110.23 ug/L



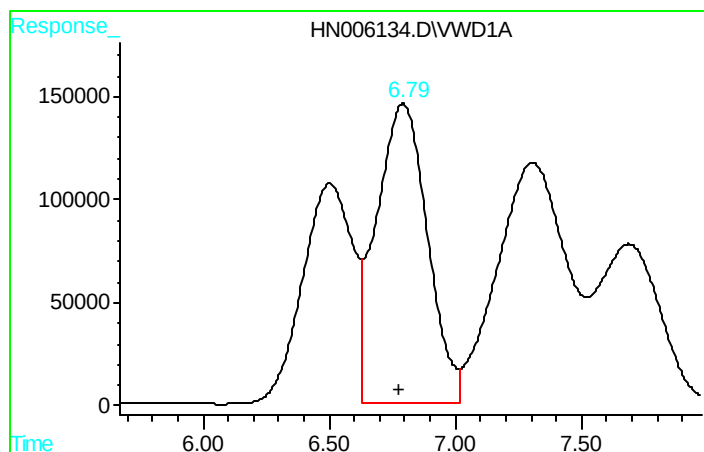
#7 Nitrobenzene

R.T.: 4.922 min  
Delta R.T.: 0.002 min  
Response: 19865816  
Conc: 2161.43 ug/L



#8 Tetryl

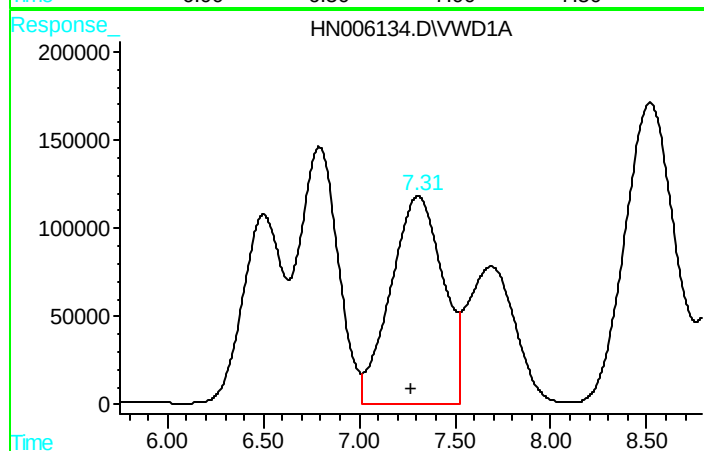
R.T.: 6.503 min  
Delta R.T.: 0.026 min  
Response: 14876866  
Conc: 2068.04 ug/L



#9 2,4,6-Trinitrotoluene

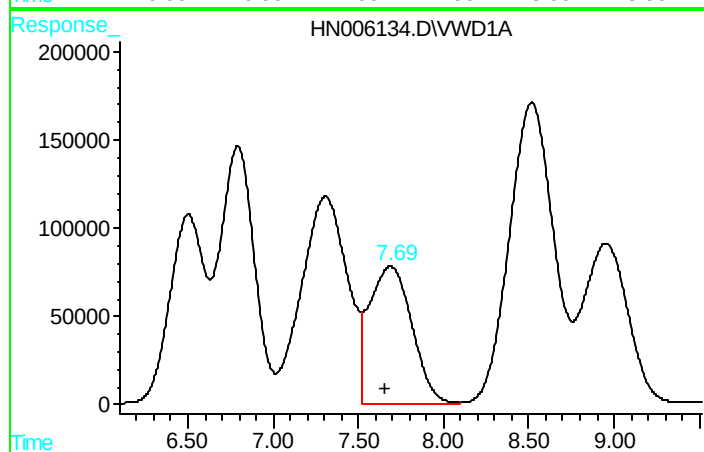
R.T.: 6.793 min  
Delta R.T.: 0.015 min  
Response: 20471514  
Conc: 2135.08 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC2000



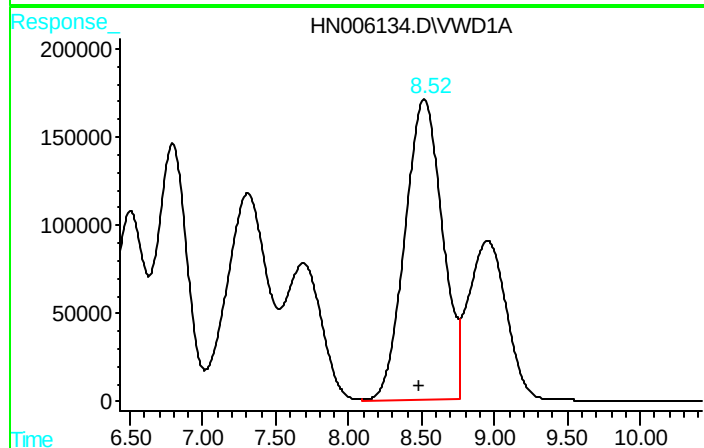
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.307 min  
Delta R.T.: 0.034 min  
Response: 22148809  
Conc: 2198.49 ug/L



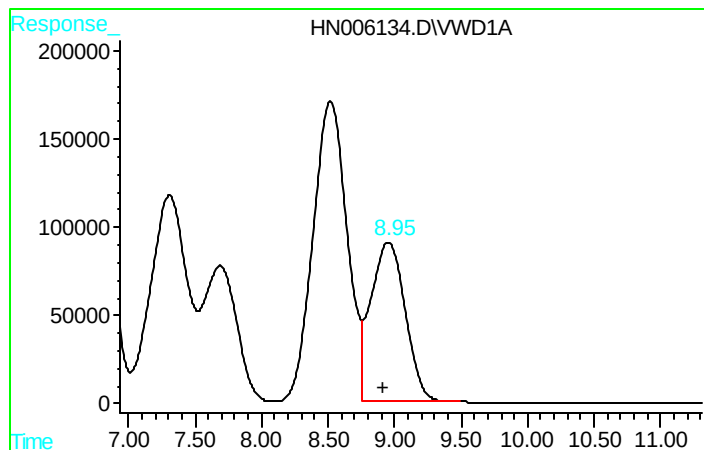
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.689 min  
Delta R.T.: 0.037 min  
Response: 13336076  
Conc: 1999.64 ug/L



#12 2,4-Dinitrotoluene

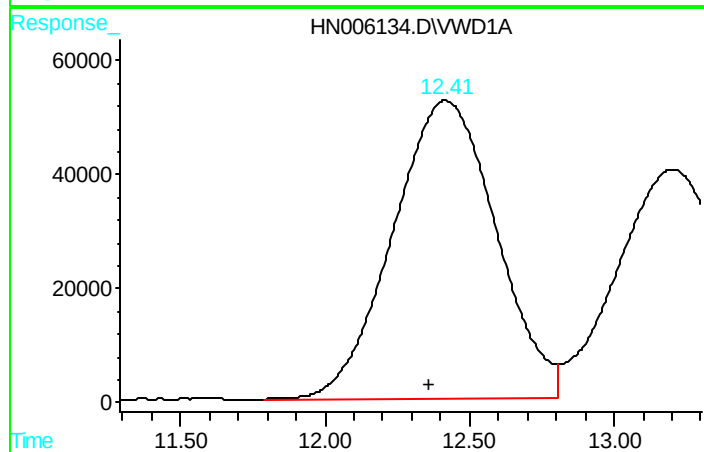
R.T.: 8.518 min  
Delta R.T.: 0.031 min  
Response: 30429571  
Conc: 2148.33 ug/L



#13 2,6-Dinitrotoluene

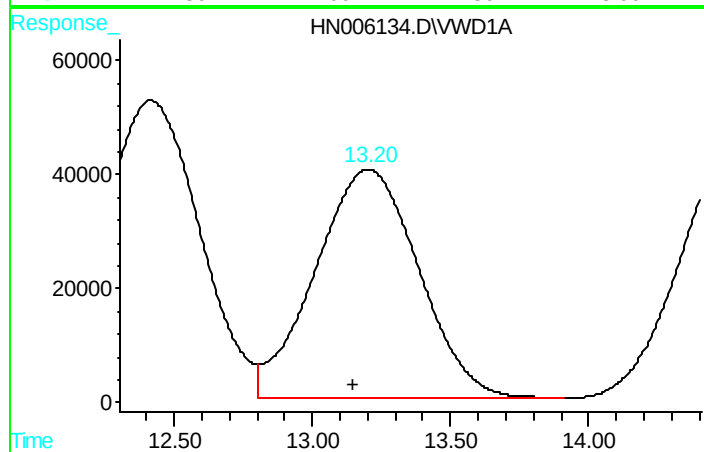
R.T.: 8.952 min  
Delta R.T.: 0.033 min  
Response: 16306207  
Conc: 2082.08 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC2000



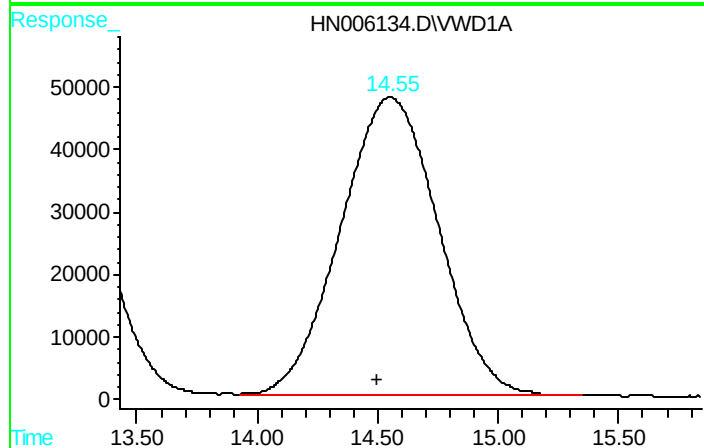
#14 2-Nitrotoluene

R.T.: 12.418 min  
Delta R.T.: 0.060 min  
Response: 12990412  
Conc: 2075.77 ug/L



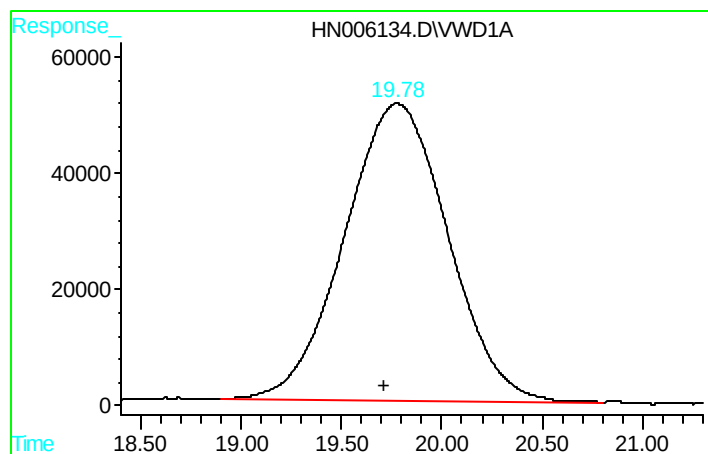
#15 4-Nitrotoluene

R.T.: 13.203 min  
Delta R.T.: 0.056 min  
Response: 10474726  
Conc: 2048.81 ug/L



#16 3-Nitrotoluene

R.T.: 14.552 min  
Delta R.T.: 0.057 min  
Response: 13442627  
Conc: 2146.33 ug/L



#17 PETN

R.T.: 19.778 min  
Delta R.T.: 0.067 min  
Response: 18342584  
Conc: 2294.83 ug/L

Instrument :  
HPLC\_N  
LabSampleId :  
HSTDICC2000