

Signal #1 : S:\HPCHEM1\HPLC\_N\DATA\HN093014\HN006248.D\VWD1A.CH Vial: Instrument :  
Signal #2 : S:\HPCHEM1\HPLC\_N\DATA\HN093014\HN006248.D\VWD1A.CH HPLC\_N  
Acq On : 30-Sep-2014, 15:06 Operator: HNP ClientSampleId :  
Sample : F3897-21 Inst : G1314A RR-EXP-WP  
Misc : Multiplr: 1.00  
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e  
Quant Time: Oct 1 5:52 2014 Quant Results File: HN093014.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN093014.M  
Title :  
Last Update : Wed Oct 01 04:09:40 2014  
Response via : Initial Calibration  
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

| Compound | R.T. | Response | Conc Units |
|----------|------|----------|------------|
|----------|------|----------|------------|

## System Monitoring Compounds

## Target Compounds

|       |                            |       |         |               |
|-------|----------------------------|-------|---------|---------------|
| 2) T  | HMX                        | 0.50  | 2338906 | 265.141 ug/L  |
| 3) T  | RDX                        | 2.16  | 4886505 | 407.511 ug/L  |
| 4) T  | 1,3,5-Trinitrobenzene      | 3.56  | 8682481 | 617.195 ug/L  |
| 5) T  | 1,3-Dinitrobenzene         | 4.79  | 3590657 | 166.590 ng/ml |
| 10) T | 2-Amino-4,6-dinitrotoluene | 11.17 | 5264942 | 391.817 ug/L  |
| 11) T | 4-Amino-2,6-dinitrotoluene | 12.12 | 4056589 | 389.833 ug/L  |
| 12) T | 2,4-Dinitrotoluene         | 12.84 | 939453  | 49.836 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.

HN006248.D HN093014.M

Thu Oct 09 14:04:29 2014

RPT1

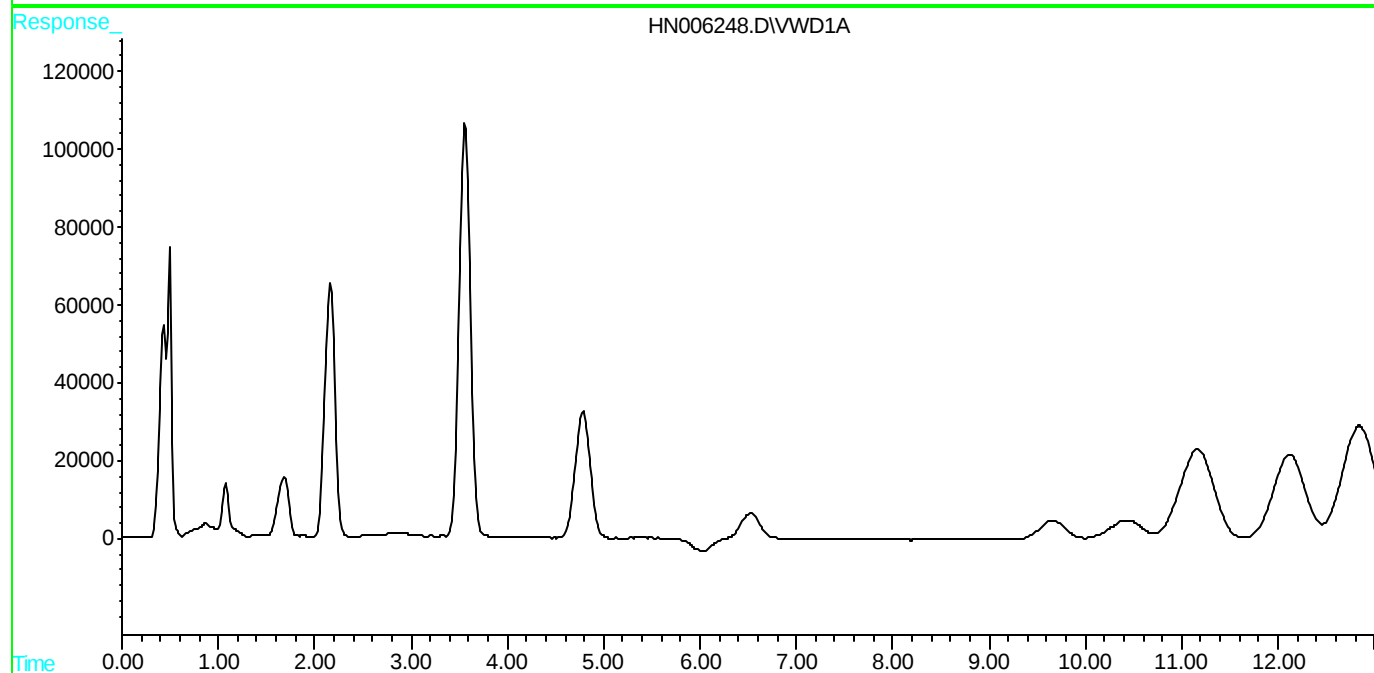
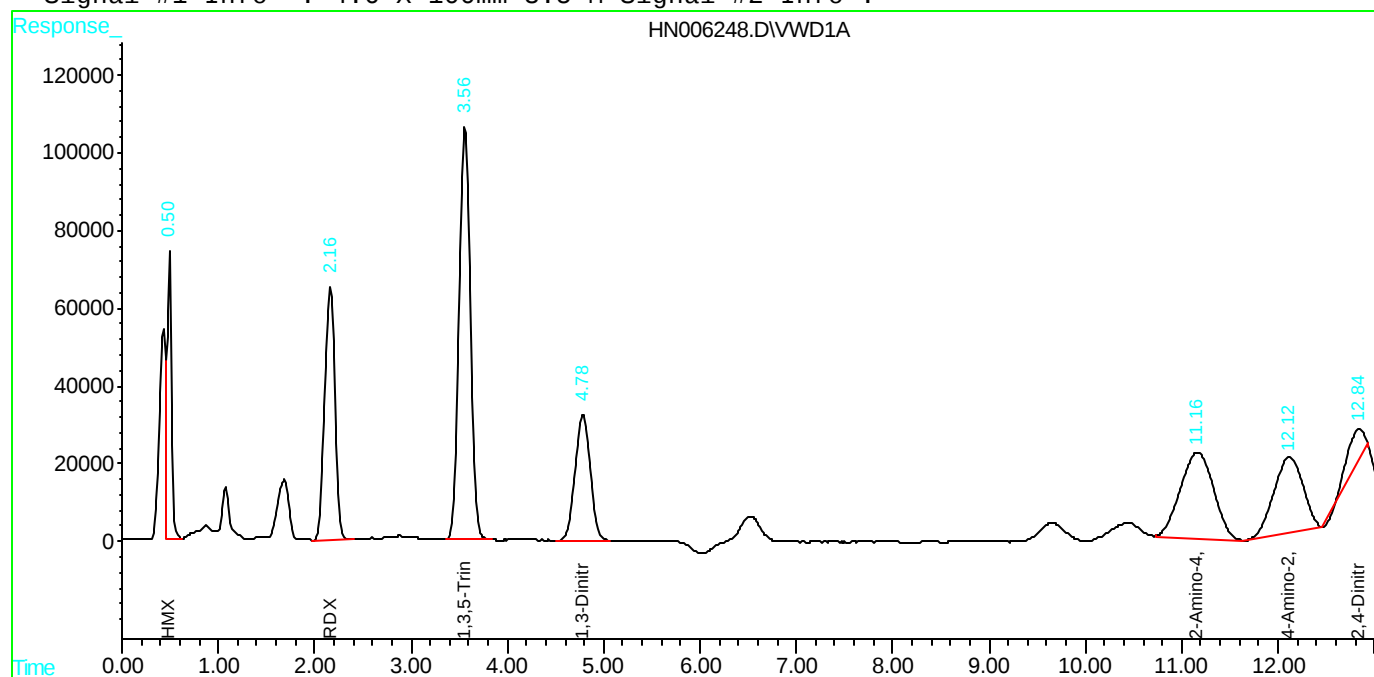
# Quantitation Report

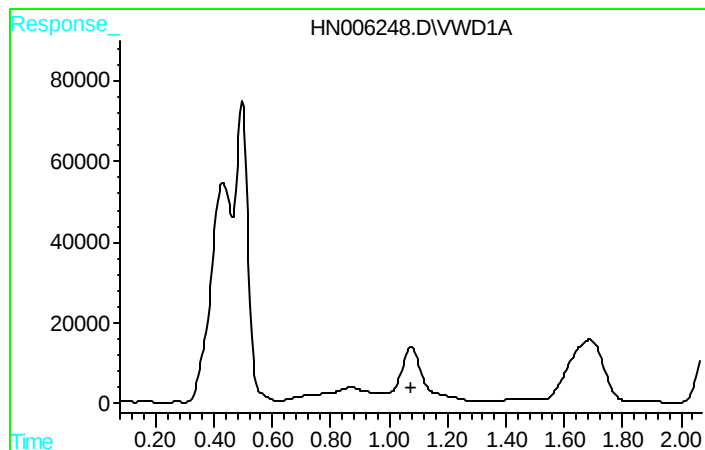
Signal #1 : S:\HPCHEM1\HPLC\_N\DATA\HN093014\HN006248.D\VWD1A.CH Vial:  
Signal #2 : S:\HPCHEM1\HPLC\_N\DATA\HN093014\HN006248.D\VWD1A.CH  
Acq On : 30-Sep-2014, 15:06 Operator: HNP  
Sample : F3897-21 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e  
Quant Time: Oct 1 5:52 2014 Quant Results File: HN093014.RES

Instrument :  
HPLC\_N  
ClientSampled :  
RR-EXP-WP

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN093014.M  
Title :  
Last Update : Wed Oct 01 04:09:40 2014  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

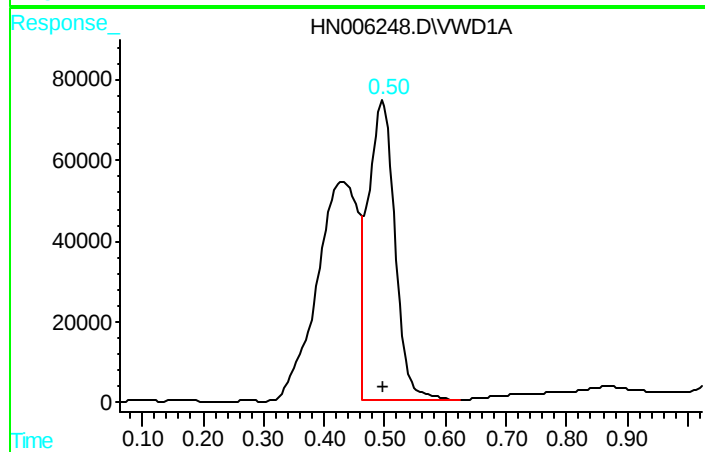




#1 4-Nitroaniline

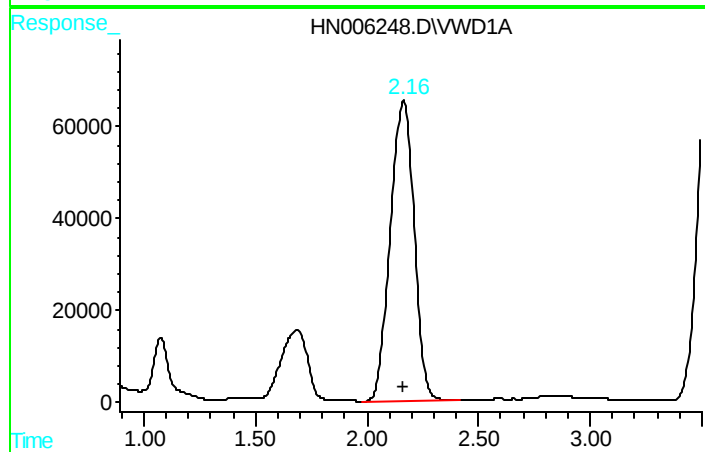
R.T.: 0.000 min  
Exp R.T.: 1.075 min  
Response: 0  
Conc: N.D.

Instrument :  
HPLC\_N  
ClientSampleId :  
RR-EXP-WP



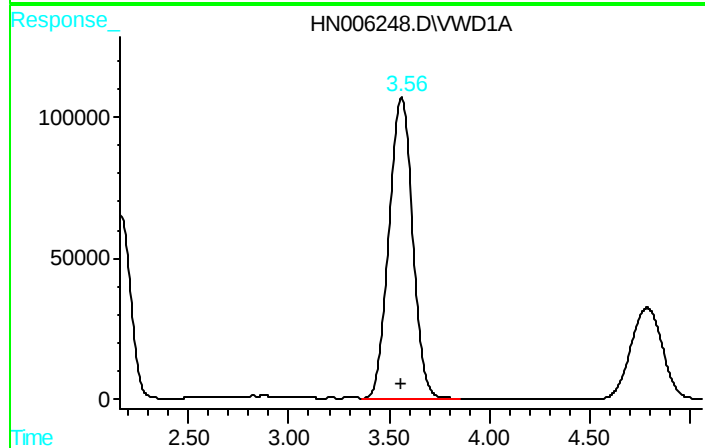
#2 HMX

R.T.: 0.497 min  
Delta R.T.: 0.001 min  
Response: 2338906  
Conc: 265.14 ug/L



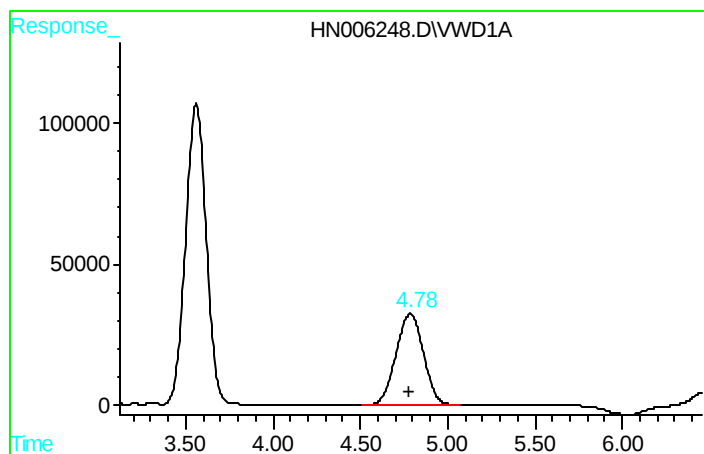
#3 RDX

R.T.: 2.165 min  
Delta R.T.: 0.004 min  
Response: 4886505  
Conc: 407.51 ug/L



#4 1,3,5-Trinitrobenzene

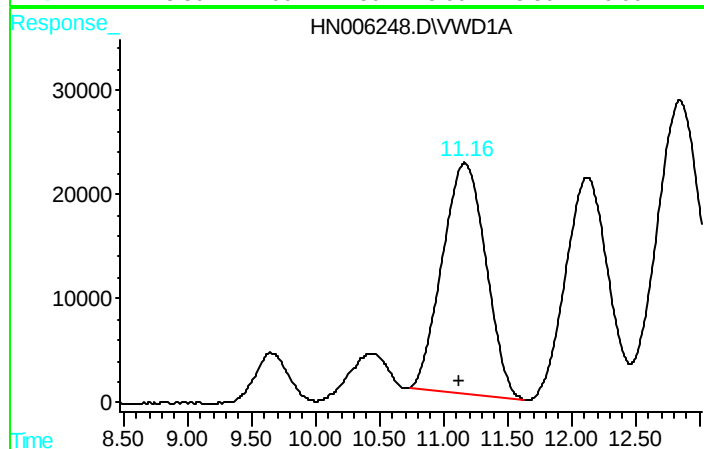
R.T.: 3.561 min  
Delta R.T.: 0.005 min  
Response: 8682481  
Conc: 617.19 ug/L



#5 1,3-Dinitrobenzene

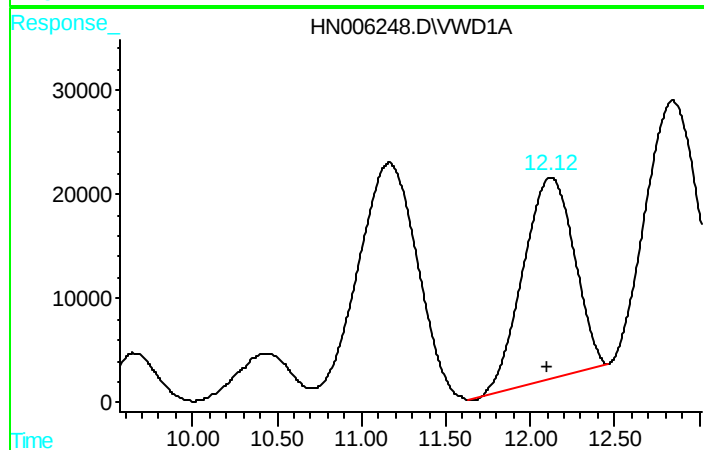
R.T.: 4.787 min  
Delta R.T.: 0.011 min  
Response: 3590657  
Conc: 166.59 ng/ml

Instrument :  
HPLC\_N  
ClientSampleId :  
RR-EXP-WP



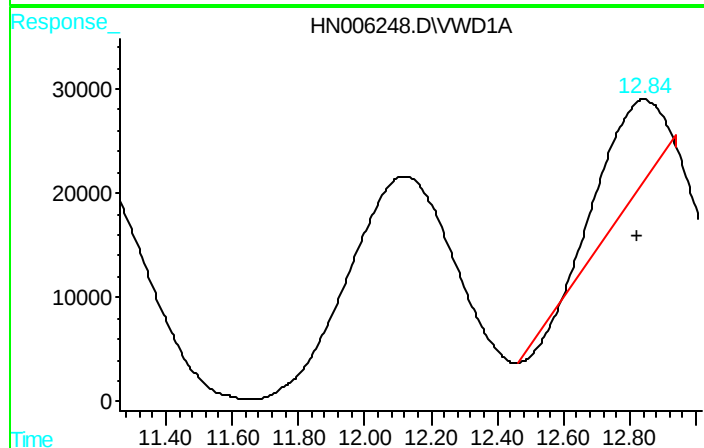
#10 2-Amino-4,6-dinitrotoluene

R.T.: 11.165 min  
Delta R.T.: 0.039 min  
Response: 5264942  
Conc: 391.82 ug/L



#11 4-Amino-2,6-dinitrotoluene

R.T.: 12.121 min  
Delta R.T.: 0.025 min  
Response: 4056589  
Conc: 389.83 ug/L



#12 2,4-Dinitrotoluene

R.T.: 12.844 min  
Delta R.T.: 0.021 min  
Response: 939453  
Conc: 49.84 ug/L