

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL052813\HL005300.D Vial: 6  
 Acq On : 28-May-2013, 20:17 Operator: QM  
 Sample : LOQ-S-200PPB Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: May 31 11:00 2013 Quant Results File: HL052213.RES

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 LOQ-S-200PPB

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL052213.M  
 Title :  
 Last Update : Thu May 23 10:06:03 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 | 575779   | 145.026 ug/L  |
| Target Compounds                 |      |          |               |
| 2) T HMX                         | 0.91 | 990227   | 218.310 ug/L  |
| 3) T RDX                         | 1.77 | 1079833  | 203.804 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.76 | 2231607  | 206.285 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.68 | 3565297  | 230.943 ng/ml |
| 6) T 3,5-Dinitroaniline          | 4.05 | 2883418  | 213.120 ug/L  |
| 7) T Nitrobenzene                | 4.95 | 2402378  | 234.520 ug/L  |
| 8) T Tetryl                      | 6.60 | 1156144  | 171.798 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.83 | 2459288  | 218.441 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.38 | 2286730  | 213.424 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.79 | 1381200  | 247.690 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.56 | 3155767  | 208.491 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 9.01 | 1722891  | 211.859 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.

HL005300.D HL052213.M

Fri May 31 11:00:59 2013

RPT1

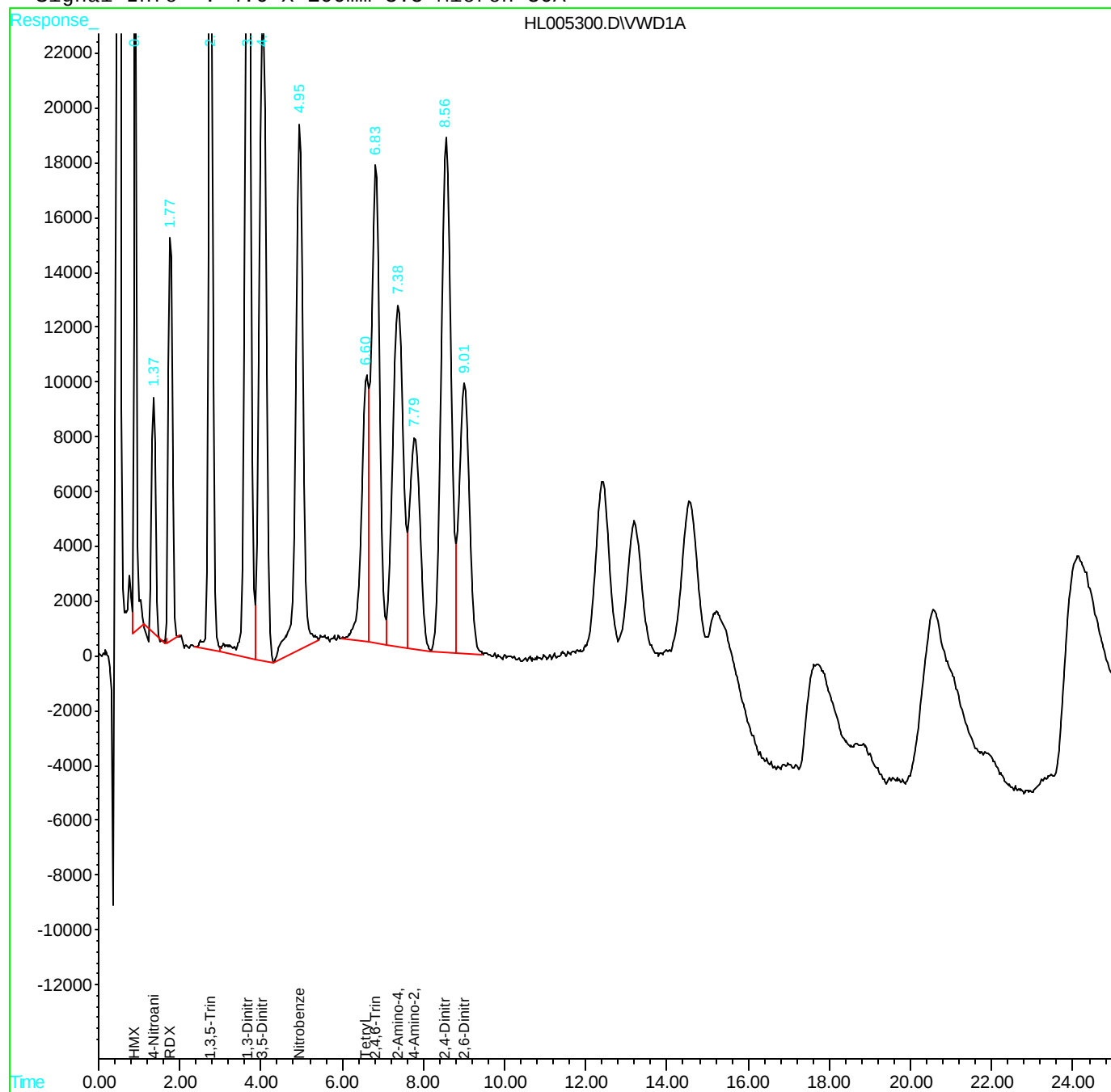
# Quantitation Report

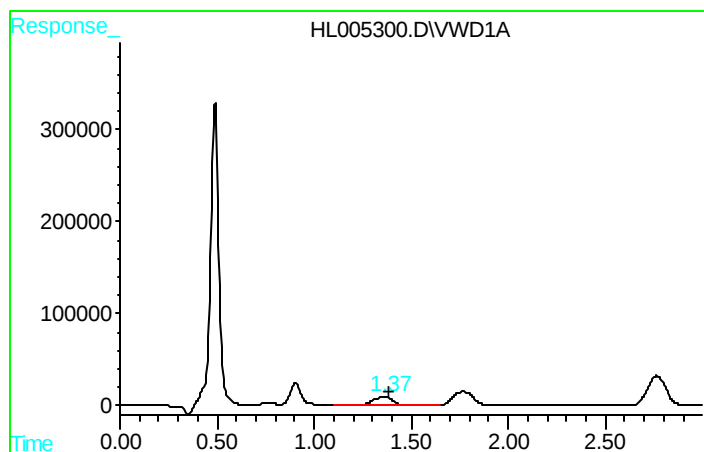
Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL052813\HL005300.D Vial: 6  
Acq On : 28-May-2013, 20:17 Operator: QM  
Sample : LOQ-S-200PPB Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: May 31 11:00 2013 Quant Results File: HL052213.RES

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-S-200PPB

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL052213.M  
Title :  
Last Update : Thu May 23 10:06:03 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

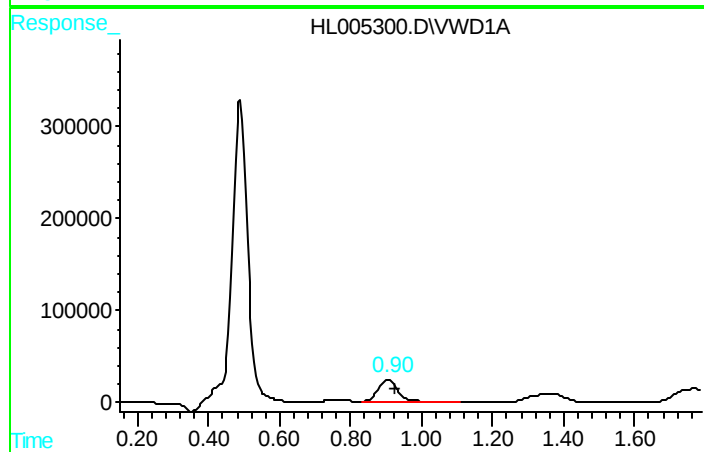




#1 4-Nitroaniline

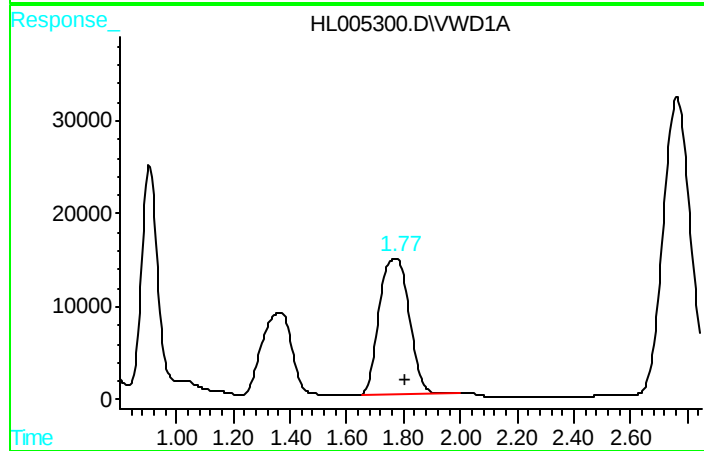
R.T.: 1.362 min  
Delta R.T.: -0.020 min  
Response: 575779  
Conc: 145.03 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-S-200PPB



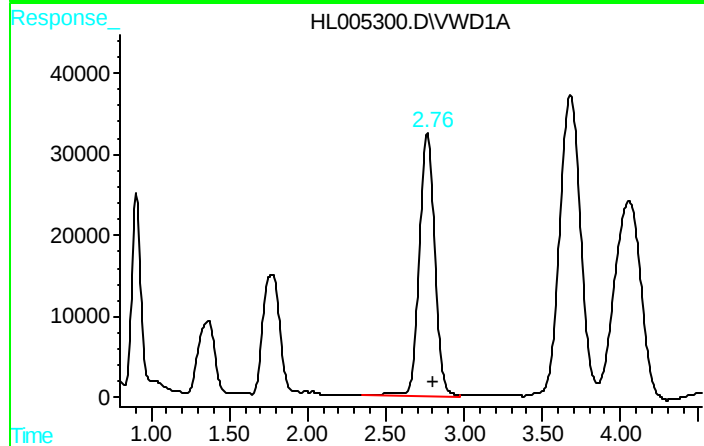
#2 HMX

R.T.: 0.906 min  
Delta R.T.: -0.021 min  
Response: 990227  
Conc: 218.31 ug/L



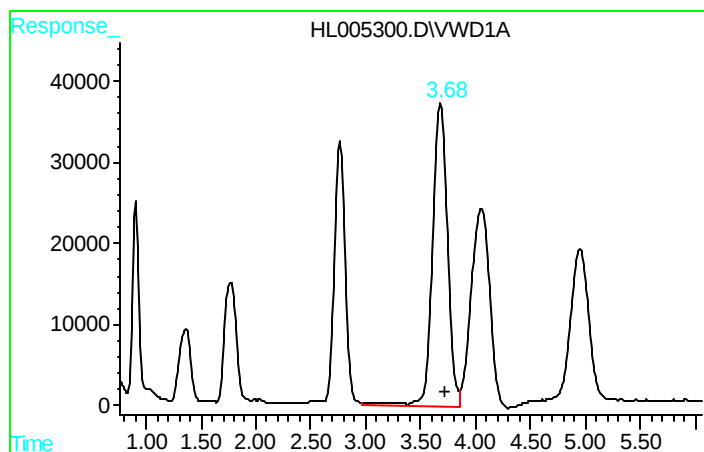
#3 RDX

R.T.: 1.769 min  
Delta R.T.: -0.034 min  
Response: 1079833  
Conc: 203.80 ug/L



#4 1,3,5-Trinitrobenzene

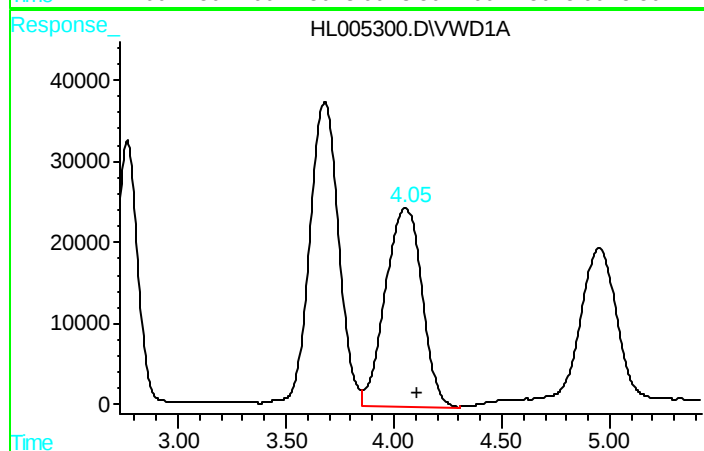
R.T.: 2.765 min  
Delta R.T.: -0.040 min  
Response: 2231607  
Conc: 206.28 ug/L



#5 1,3-Dinitrobenzene

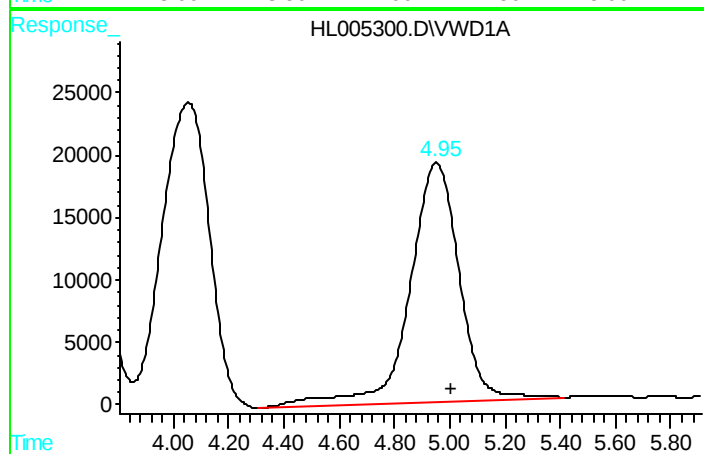
R.T.: 3.680 min  
Delta R.T.: -0.047 min  
Response: 3565297  
Conc: 230.94 ng/ml

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-S-200PPB



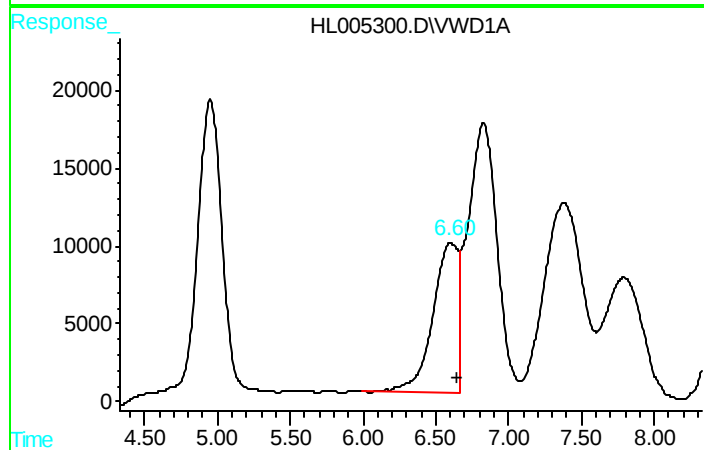
#6 3,5-Dinitroaniline

R.T.: 4.054 min  
Delta R.T.: -0.048 min  
Response: 2883418  
Conc: 213.12 ug/L



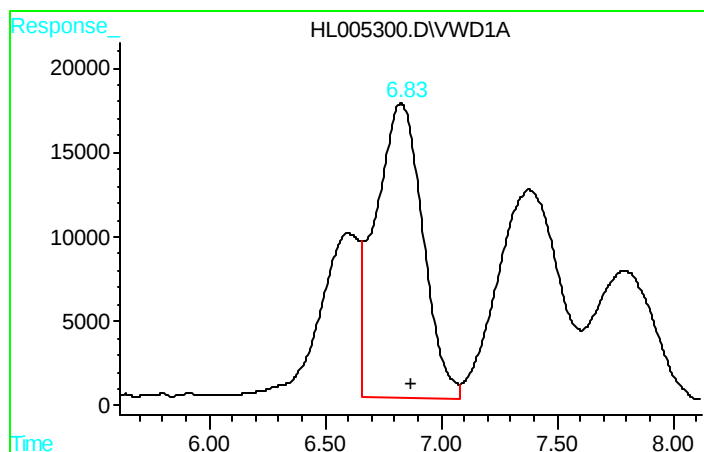
#7 Nitrobenzene

R.T.: 4.952 min  
Delta R.T.: -0.051 min  
Response: 2402378  
Conc: 234.52 ug/L



#8 Tetryl

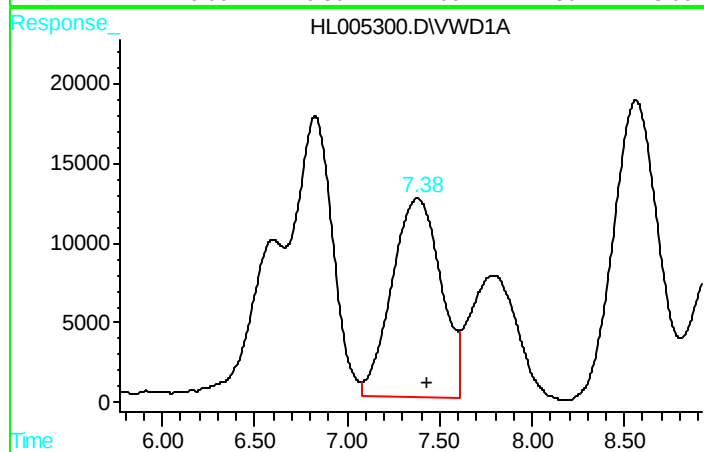
R.T.: 6.602 min  
Delta R.T.: -0.039 min  
Response: 1156144  
Conc: 171.80 ug/L



#9 2,4,6-Trinitrotoluene

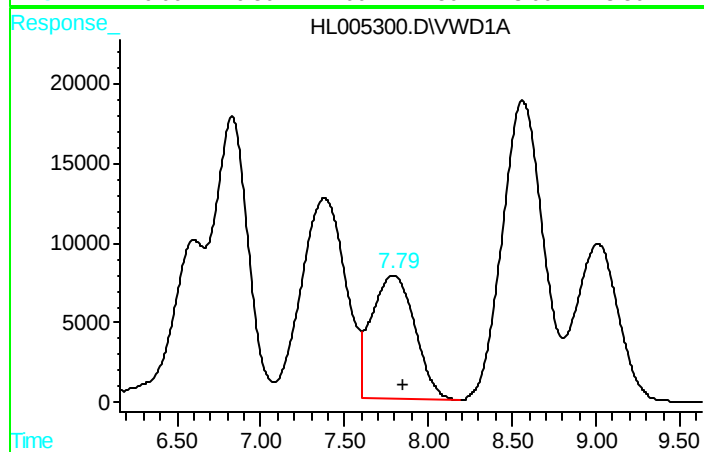
R.T.: 6.828 min  
Delta R.T.: -0.042 min  
Response: 2459288  
Conc: 218.44 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-S-200PPB



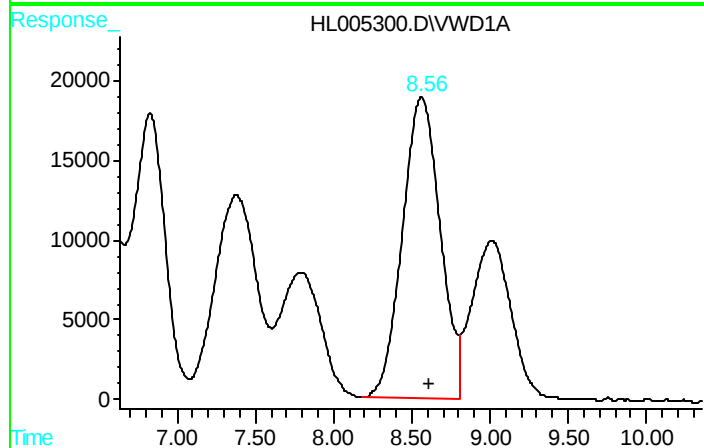
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.380 min  
Delta R.T.: -0.052 min  
Response: 2286730  
Conc: 213.42 ug/L



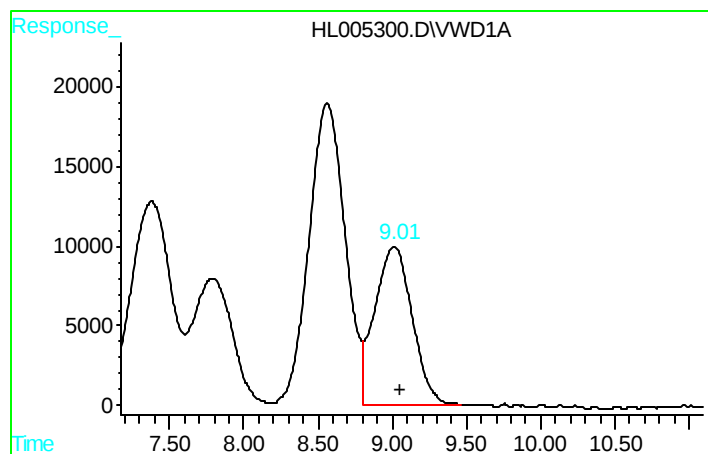
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.791 min  
Delta R.T.: -0.053 min  
Response: 1381200  
Conc: 247.69 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.562 min  
Delta R.T.: -0.049 min  
Response: 3155767  
Conc: 208.49 ug/L



#13 2,6-Dinitrotoluene

R.T.: 9.012 min  
Delta R.T.: -0.045 min  
Response: 1722891  
Conc: 211.86 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
LOQ-S-200PPB