

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL060513\HL005393.D Vial: 21  
Acq On : 05-Jun-2013, 20:23 Operator: QM  
Sample : PB70098BS Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: Jun 6 2:53 2013 Quant Results File: HL060413.RES

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL060413.M  
Title :  
Last Update : Tue Jun 04 17:00:19 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              | 1.27 | 1283152  | 331.834 ug/L  |
| Target Compounds                 |      |          |               |
| 2) T HMX                         | 0.86 | 1134785  | 252.115 ug/L  |
| 3) T RDX                         | 1.66 | 1359948  | 287.460 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.62 | 2683716  | 237.807 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.48 | 4087416  | 265.929 ng/ml |
| 8) T Tetryl                      | 6.33 | 2663606  | 336.072 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.19 | 1617159  | 144.575 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.34 | 2065511  | 141.431 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.

HL005393.D HL060413.M

Thu Jun 06 02:53:56 2013

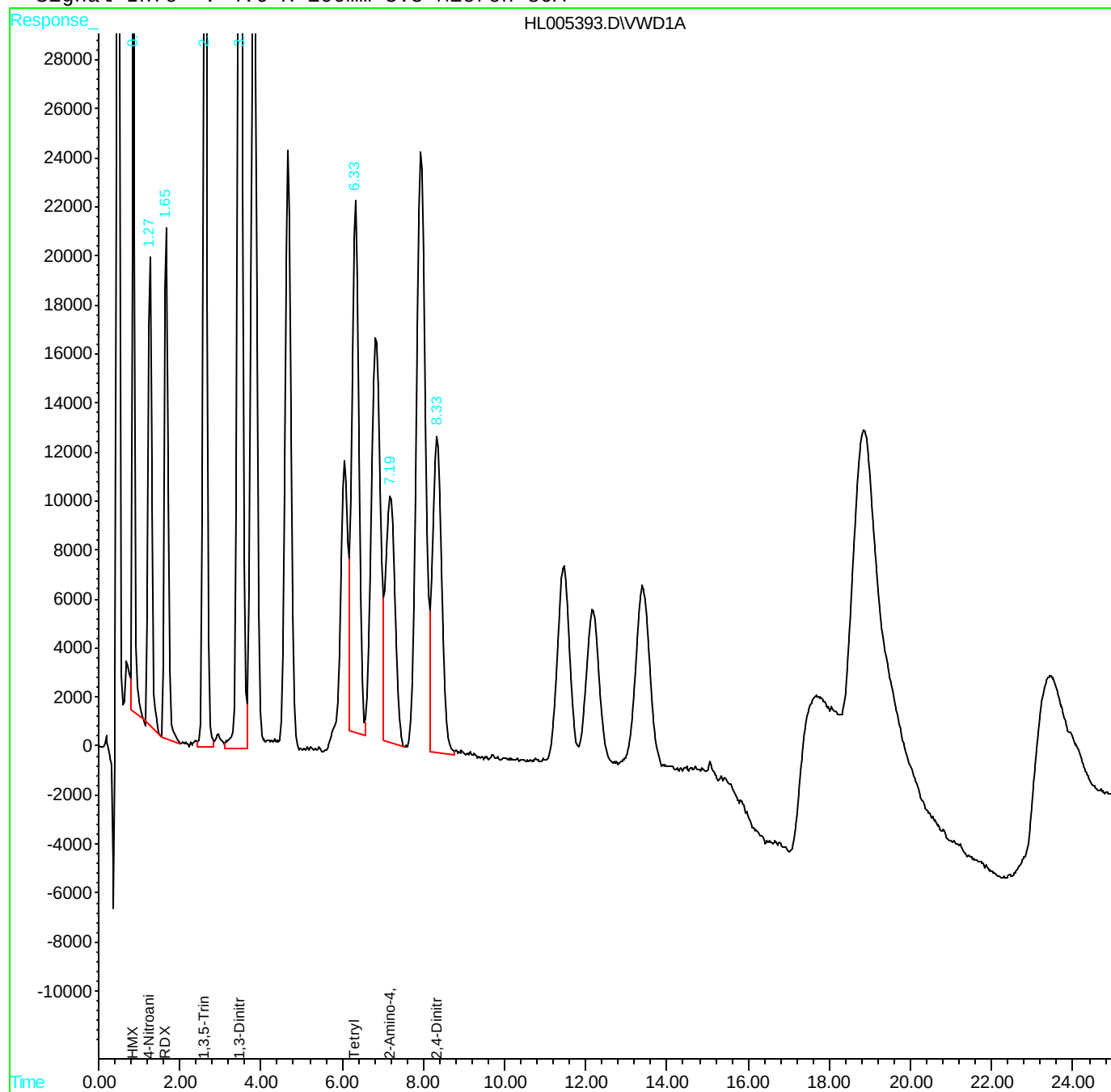
RPT1

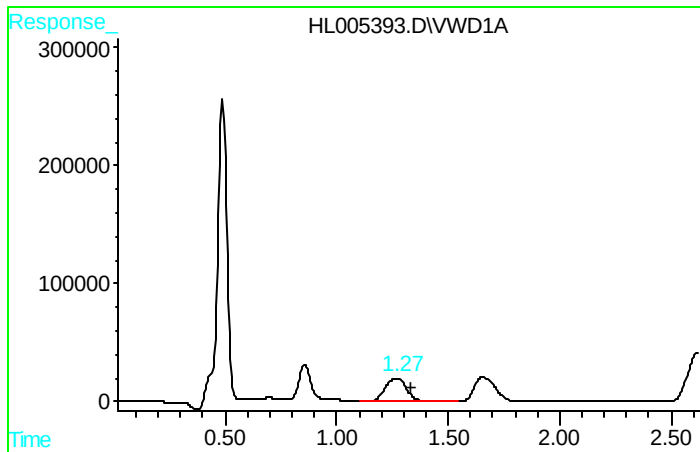
# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL060513\HL005393.D Vial: 21  
Acq On : 05-Jun-2013, 20:23 Operator: QM  
Sample : PB70098BS Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: Jun 6 2:53 2013 Quant Results File: HL060413.RES

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL060413.M  
Title :  
Last Update : Tue Jun 04 17:00:19 2013  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

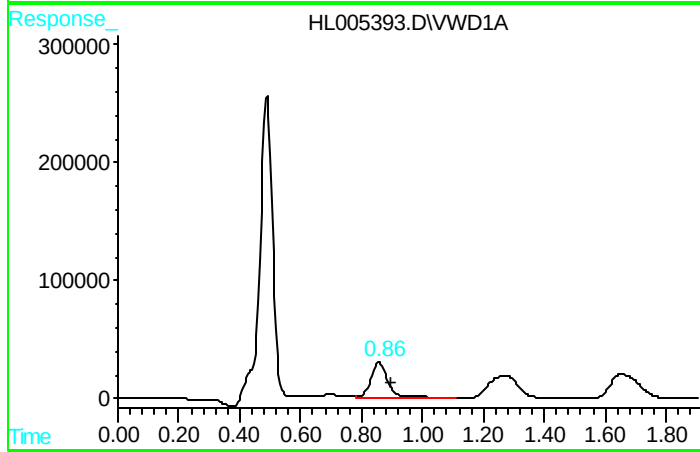
Volume Inj. : 50 ul  
Signal Phase : ZORBAX Extend-C18  
Signal Info : 4.6 X 100mm 3.5-Micron 80A





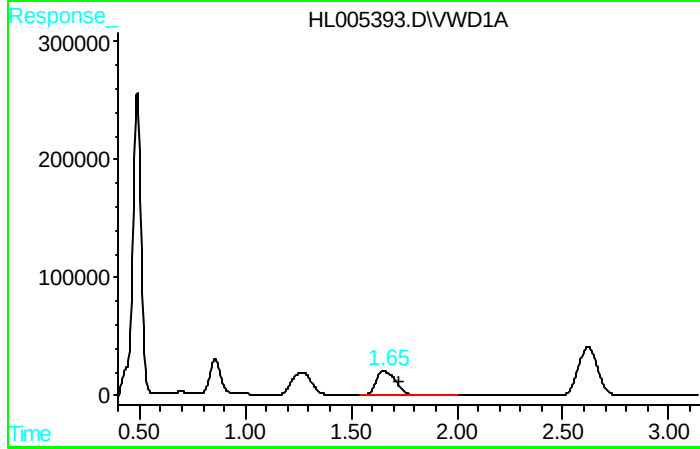
#1 4-Nitroaniline

R.T.: 1.270 min  
Delta R.T.: -0.063 min  
Response: 1283152  
Conc: 331.83 ug/L



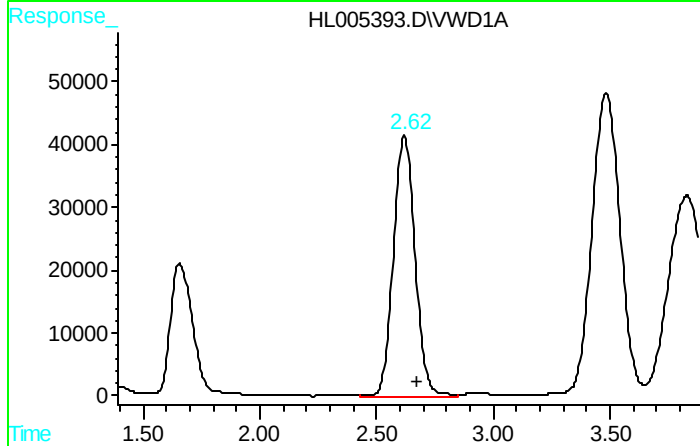
#2 HMX

R.T.: 0.858 min  
Delta R.T.: -0.038 min  
Response: 1134785  
Conc: 252.12 ug/L



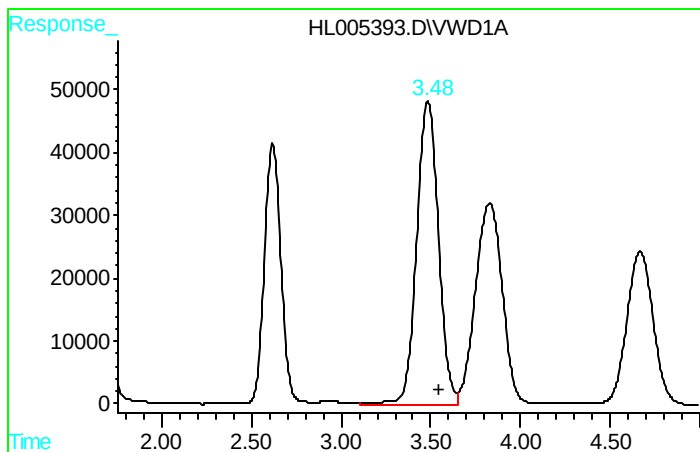
#3 RDX

R.T.: 1.659 min  
Delta R.T.: -0.068 min  
Response: 1359948  
Conc: 287.46 ug/L

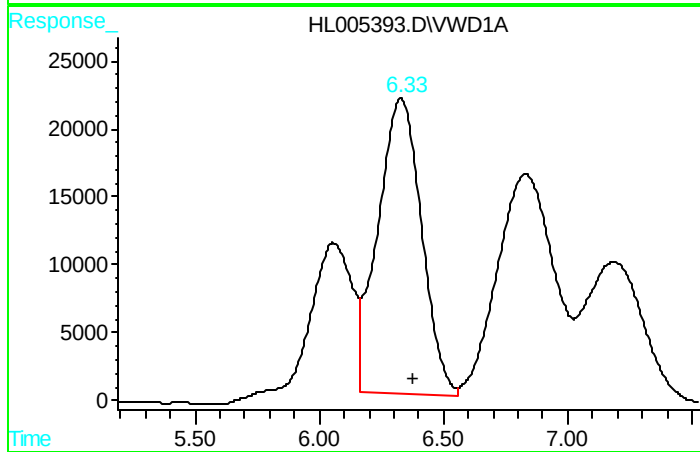


#4 1,3,5-Trinitrobenzene

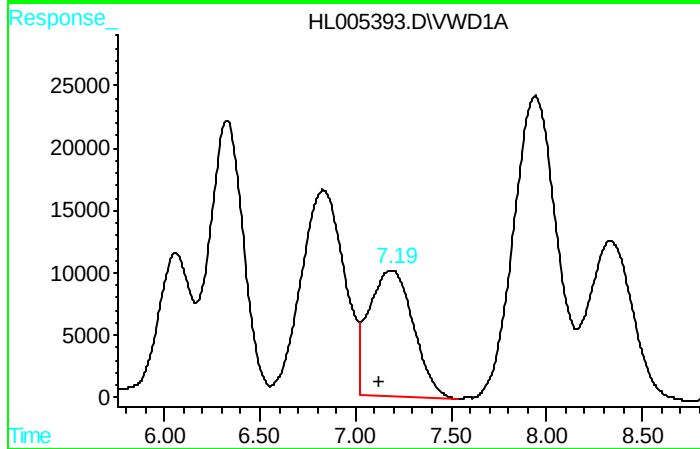
R.T.: 2.619 min  
Delta R.T.: -0.051 min  
Response: 2683716  
Conc: 237.81 ug/L



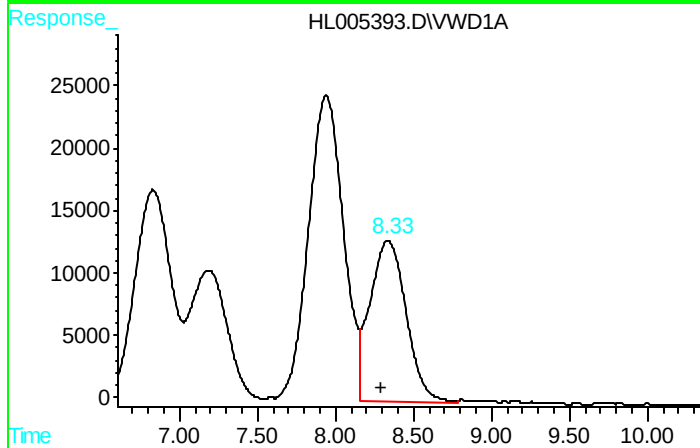
#5 1,3-Dinitrobenzene  
 R.T.: 3.484 min  
 Delta R.T.: -0.056 min  
 Response: 4087416  
 Conc: 265.93 ng/ml



#8 Tetryl  
 R.T.: 6.329 min  
 Delta R.T.: -0.051 min  
 Response: 2663606  
 Conc: 336.07 ug/L



#10 2-Amino-4,6-dinitrotoluene  
 R.T.: 7.188 min  
 Delta R.T.: 0.066 min  
 Response: 1617159  
 Conc: 144.57 ug/L



#12 2,4-Dinitrotoluene  
 R.T.: 8.335 min  
 Delta R.T.: 0.045 min  
 Response: 2065511  
 Conc: 141.43 ug/L