

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005554.D Vial: 4
 Acq On : 12-Jul-2013, 02:47 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 12 5:14 2013 Quant Results File: HL071113.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/12/2013 11:16:46 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Fri Jul 12 04:48:32 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	1.33	2151691	540.204 ug/L
Target Compounds			
2) T HMX	0.90	1931114	470.769 ug/L
3) T RDX	1.74	2598493	511.444 ug/L
4) T 1,3,5-Trinitrobenzene	2.67	5580182	508.387 ug/L
5) T 1,3-Dinitrobenzene	3.58	8164644	522.766 ng/ml
6) T 3,5-Dinitroaniline	3.97	6828936	513.382 ug/L
7) T Nitrobenzene	4.83	5082868	537.905 ug/L
8) T Tetryl	6.44	2858008	504.257 ug/L m
9) T 2,4,6-Trinitrotoluene	6.60	6377899	539.763 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.20	5356230	484.750 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.57	2997978	536.689 ug/L
12) T 2,4-Dinitrotoluene	8.25	7444152	507.027 ug/L
13) T 2,6-Dinitrotoluene	8.68	3939560	514.714 ug/L
14) T 2-Nitrotoluene	11.95	2894839	469.215 ug/L m
15) T 4-Nitrotoluene	12.69	2358447	465.008 ug/L
16) T 3-Nitrotoluene	13.96	3295999	522.447 ug/L
17) T PETN	19.69	4554668	476.442 ug/L m

 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.

HL005554.D HL071113.M

Tue Jul 16 08:07:31 2013

RPT1

Quantitation Report

Data File : S:\HPCHEM1\HPLC_L\DATA\HL071113\HL005554.D Vial: 4
 Acq On : 12-Jul-2013, 02:47 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 12 5:14 2013 Quant Results File: HL071113.RES

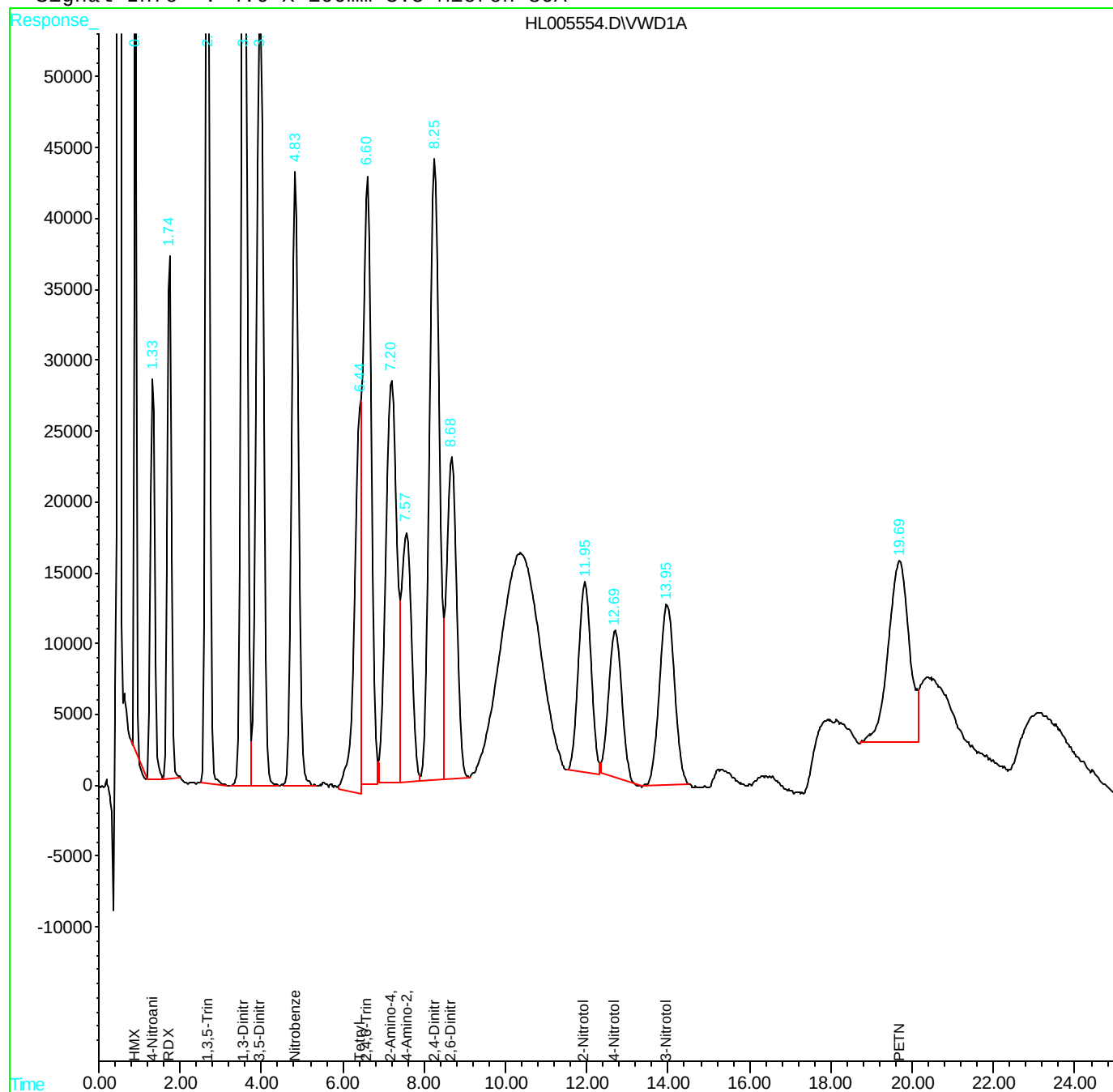
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

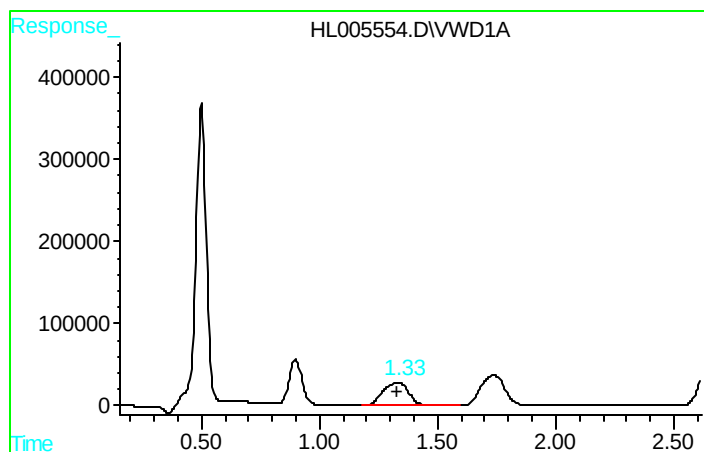
Manual Integrations
 APPROVED

QI
 7/12/2013 11:16:46 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL071113.M
 Title :
 Last Update : Fri Jul 12 04:48:32 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





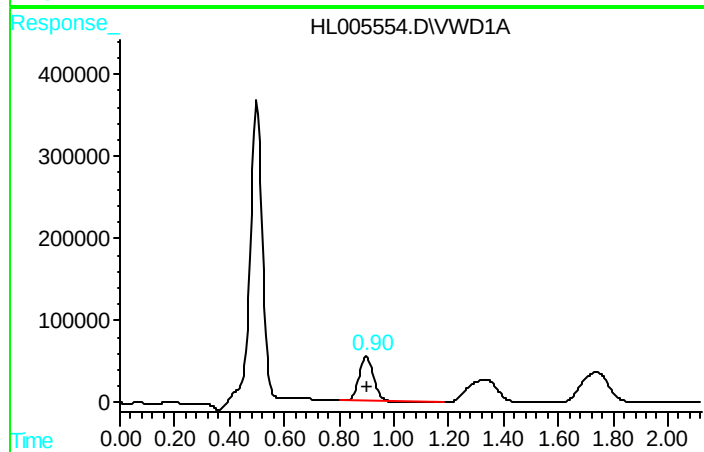
#1 4-Nitroaniline

R.T.: 1.332 min
Delta R.T.: 0.000 min
Response: 2151691
Conc: 540.20 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

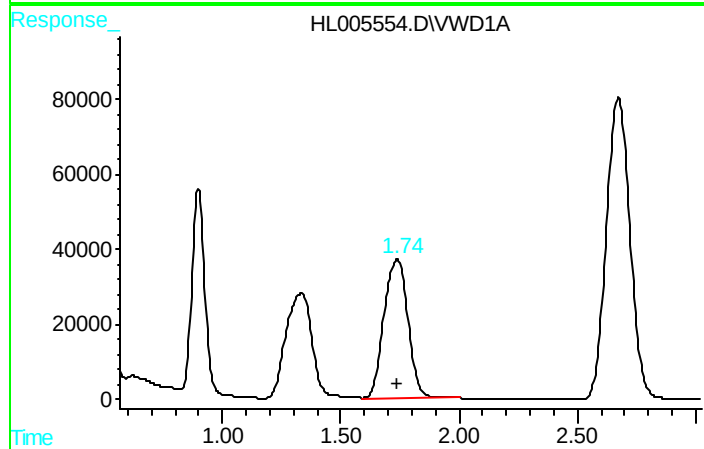
Manual Integrations
APPROVED

QI
7/12/2013 11:16:46 AM



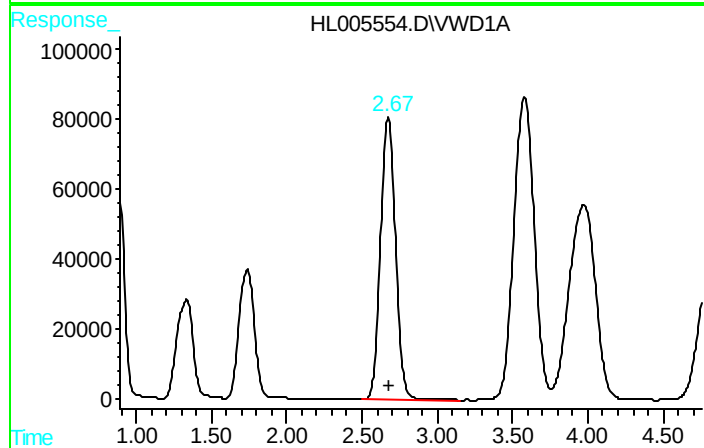
#2 HMX

R.T.: 0.900 min
Delta R.T.: 0.000 min
Response: 1931114
Conc: 470.77 ug/L



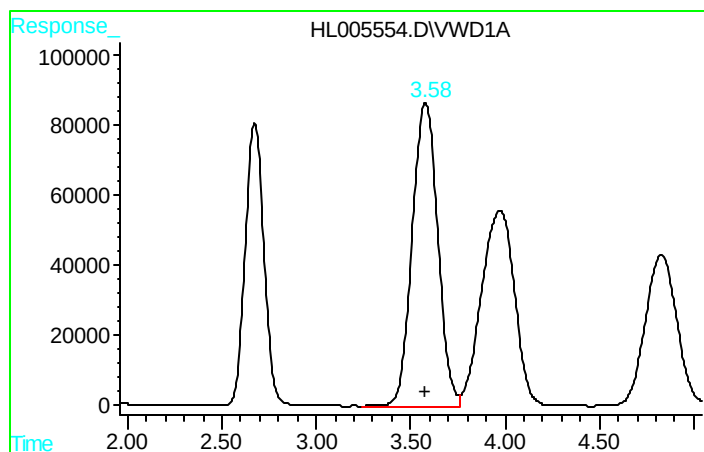
#3 RDX

R.T.: 1.738 min
Delta R.T.: 0.000 min
Response: 2598493
Conc: 511.44 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 5580182
Conc: 508.39 ug/L



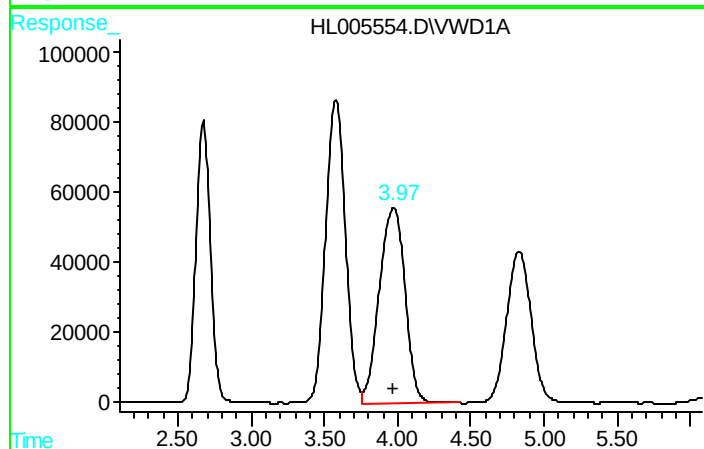
#5 1,3-Dinitrobenzene

R.T.: 3.579 min
Delta R.T.: 0.000 min
Response: 8164644
Conc: 522.77 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

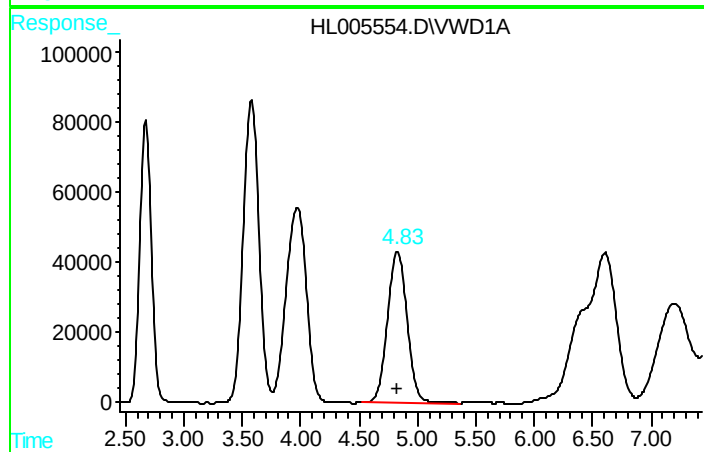
Manual Integrations
APPROVED

QI
7/12/2013 11:16:46 AM



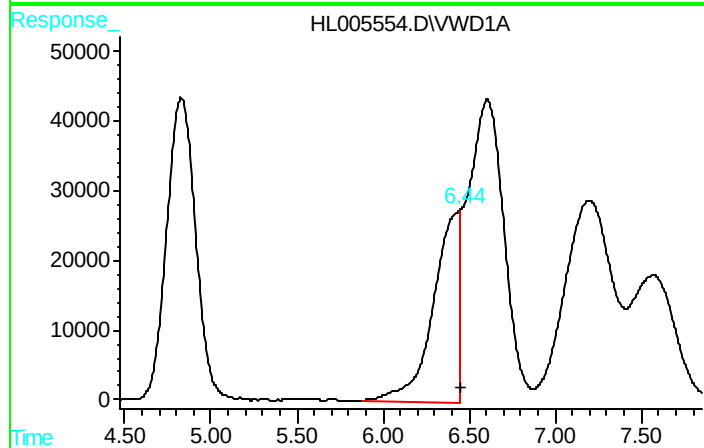
#6 3,5-Dinitroaniline

R.T.: 3.973 min
Delta R.T.: 0.000 min
Response: 6828936
Conc: 513.38 ug/L



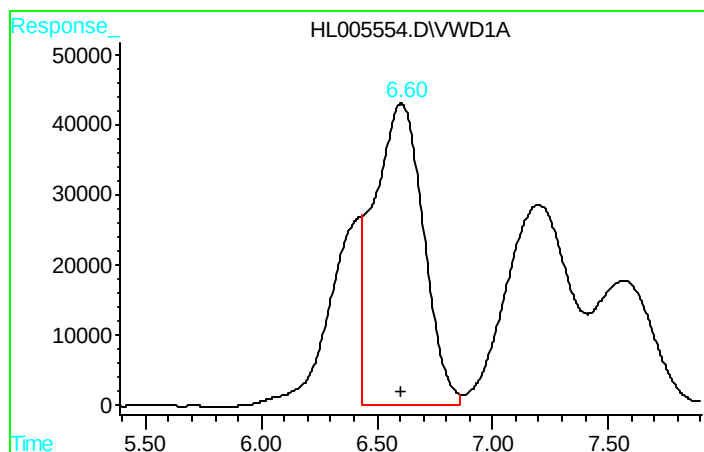
#7 Nitrobenzene

R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 5082868
Conc: 537.90 ug/L



#8 Tetryl

R.T.: 6.441 min
Delta R.T.: -0.010 min
Response: 2858008
Conc: 504.26 ug/L m



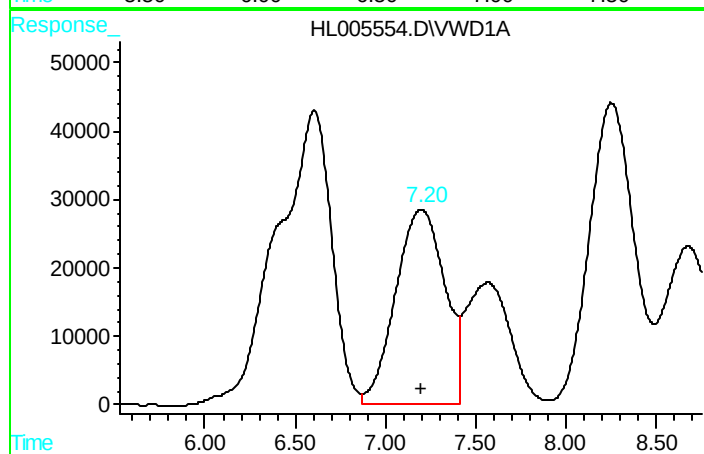
#9 2,4,6-Trinitrotoluene

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 6377899
Conc: 539.76 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

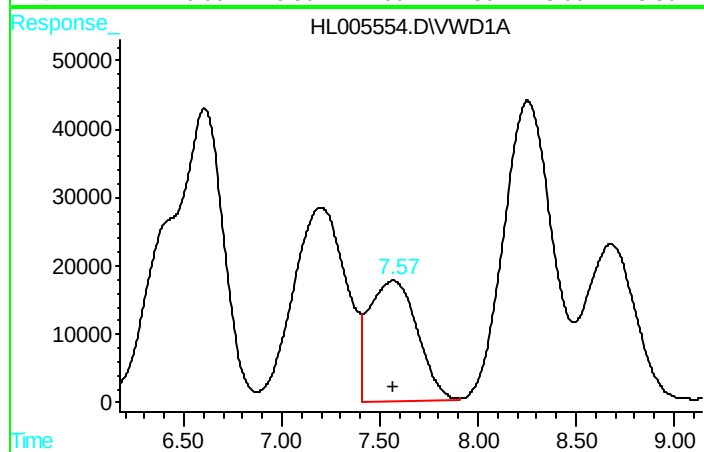
Manual Integrations
APPROVED

QI
7/12/2013 11:16:46 AM



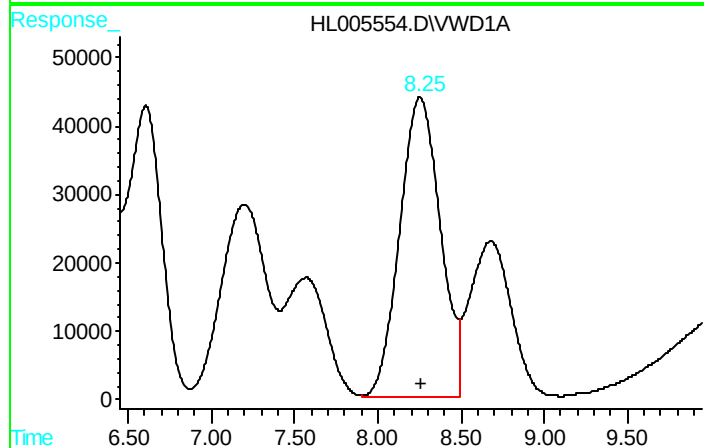
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 5356230
Conc: 484.75 ug/L



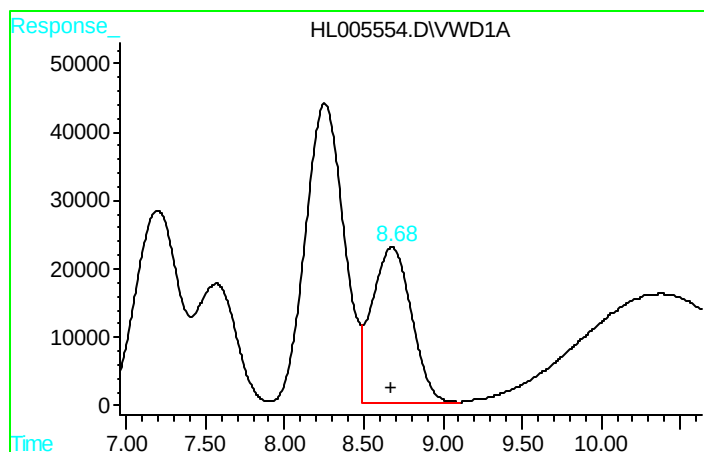
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.569 min
Delta R.T.: 0.000 min
Response: 2997978
Conc: 536.69 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.254 min
Delta R.T.: 0.000 min
Response: 7444152
Conc: 507.03 ug/L



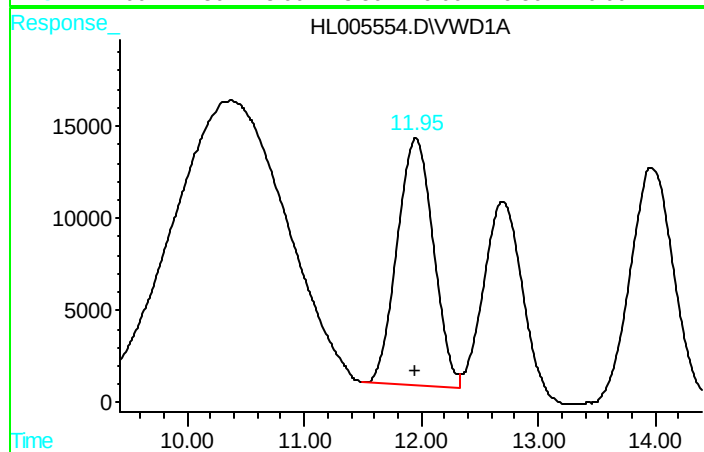
#13 2,6-Dinitrotoluene

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 3939560
Conc: 514.71 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

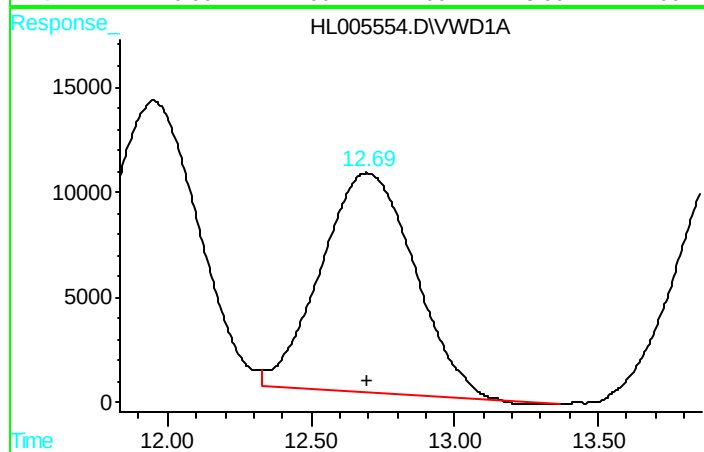
Manual Integrations
APPROVED

QI
7/12/2013 11:16:46 AM



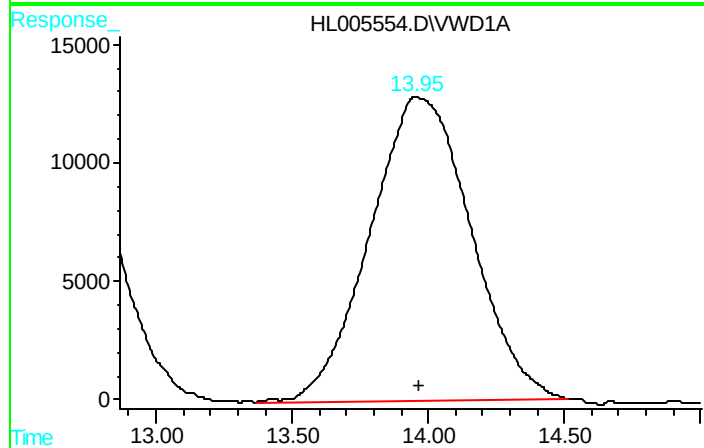
#14 2-Nitrotoluene

R.T.: 11.951 min
Delta R.T.: 0.000 min
Response: 2894839
Conc: 469.22 ug/L m



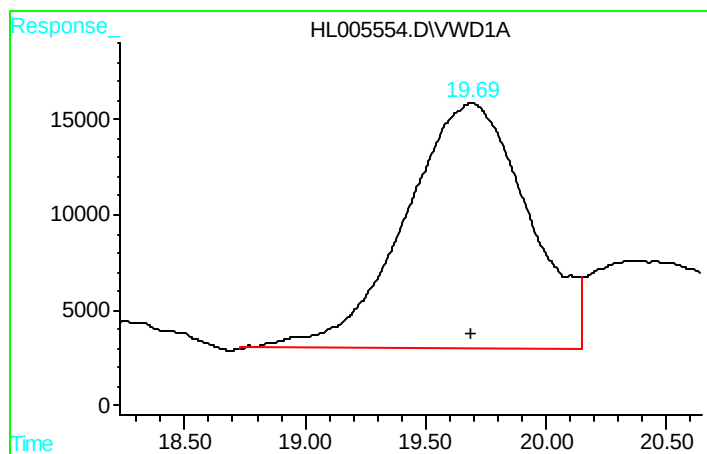
#15 4-Nitrotoluene

R.T.: 12.694 min
Delta R.T.: 0.001 min
Response: 2358447
Conc: 465.01 ug/L



#16 3-Nitrotoluene

R.T.: 13.963 min
Delta R.T.: 0.000 min
Response: 3295999
Conc: 522.45 ug/L



#17 PETN

R.T.: 19.691 min
Delta R.T.: 0.000 min
Response: 4554668
Conc: 476.44 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDCCC0500

Manual Integrations
APPROVED

QI
7/12/2013 11:16:46 AM