

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005469.D Vial: 1
 Acq On : 02-Jul-2013, 18:07 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 17:43 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:47 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 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	1.34	2125527	524.840 ug/L
Target Compounds			
2) T HMX	0.90	2012562	436.909 ug/L
3) T RDX	1.76	2602327	515.741 ug/L
4) T 1,3,5-Trinitrobenzene	2.72	5604064	502.715 ug/L
5) T 1,3-Dinitrobenzene	3.61	7915833	506.635 ng/ml
6) T 3,5-Dinitroaniline	3.99	6658682	476.698 ug/L
7) T Nitrobenzene	4.83	5089414	511.292 ug/L
8) T Tetryl	6.43	2889759	454.627 ug/L m
9) T 2,4,6-Trinitrotoluene	6.61	6344539	540.326 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.21	5474506	465.640 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.58	3143871	485.321 ug/L
12) T 2,4-Dinitrotoluene	8.30	7800799	521.166 ug/L
13) T 2,6-Dinitrotoluene	8.73	4122505	492.823 ug/L
14) T 2-Nitrotoluene	11.98	3344575	524.000 ug/L
15) T 4-Nitrotoluene	12.73	2687246	498.107 ug/L
16) T 3-Nitrotoluene	13.99	3245291	466.989 ug/L
17) T PETN	19.63	4519824	481.676 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.

HL005469.D HL070213.M

Fri Jul 05 23:54:50 2013

RPT1

Quantitation Report

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005469.D Vial: 1
 Acq On : 02-Jul-2013, 18:07 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 2 17:43 2013 Quant Results File: HL070213.RES

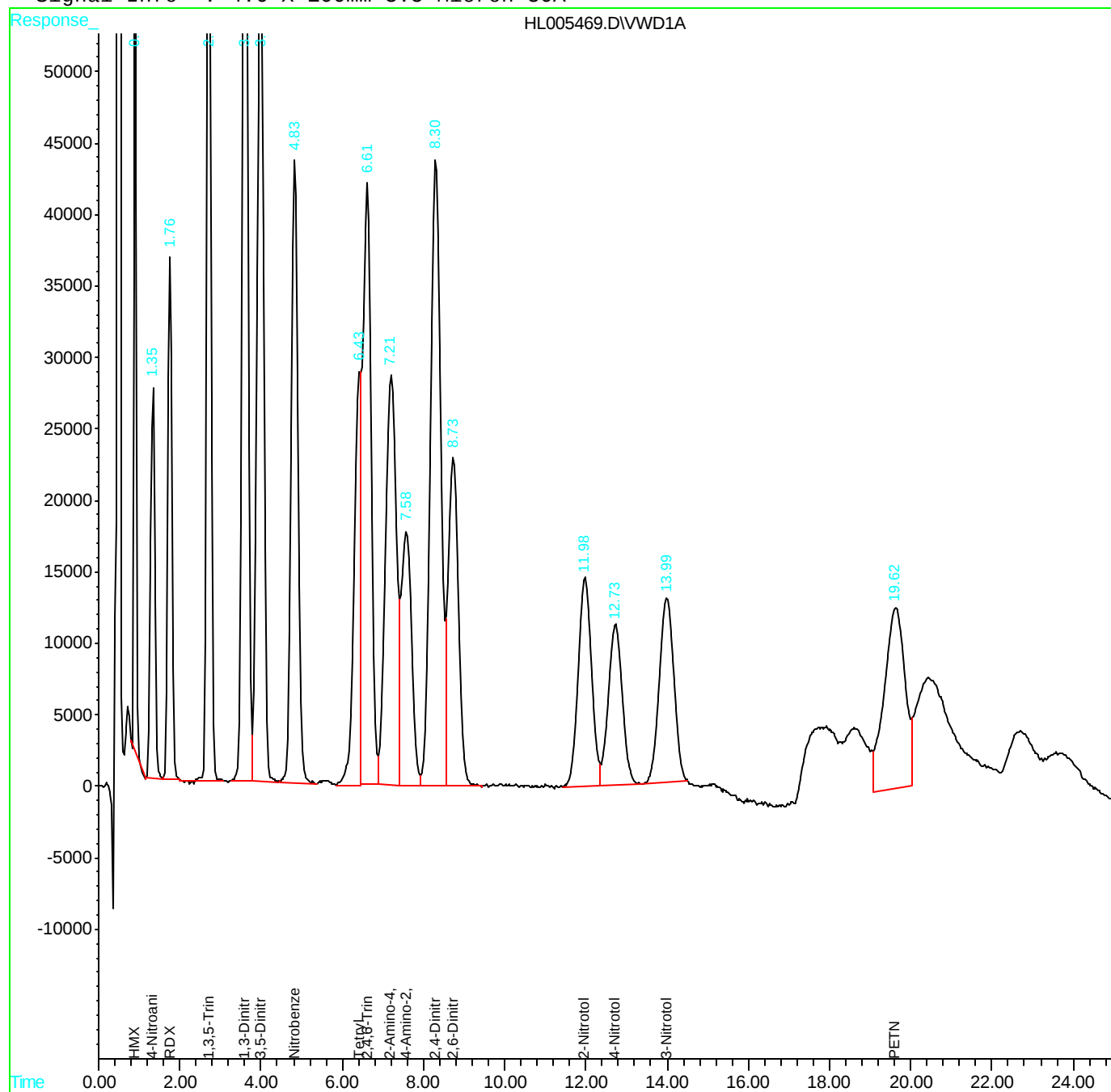
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

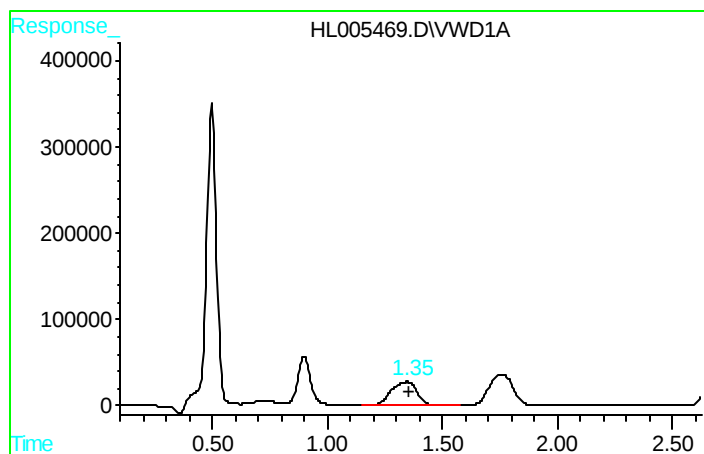
Manual Integrations
 APPROVED

AHPatel
 7/6/2013 12:44:47 AM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 17:40:52 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





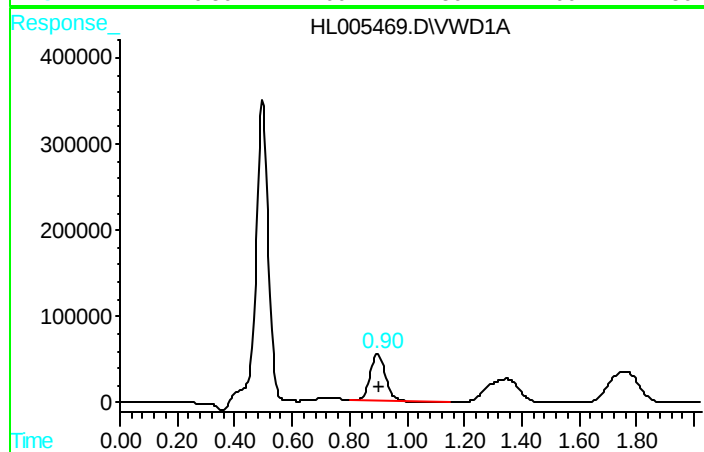
#1 4-Nitroaniline

R.T.: 1.345 min
Delta R.T.: -0.007 min
Response: 2125527
Conc: 524.84 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

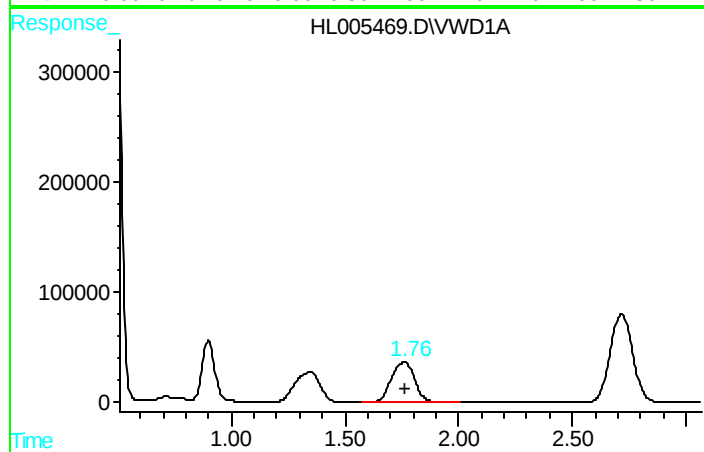
Manual Integrations
APPROVED

AHPatel
7/6/2013 12:44:47 AM



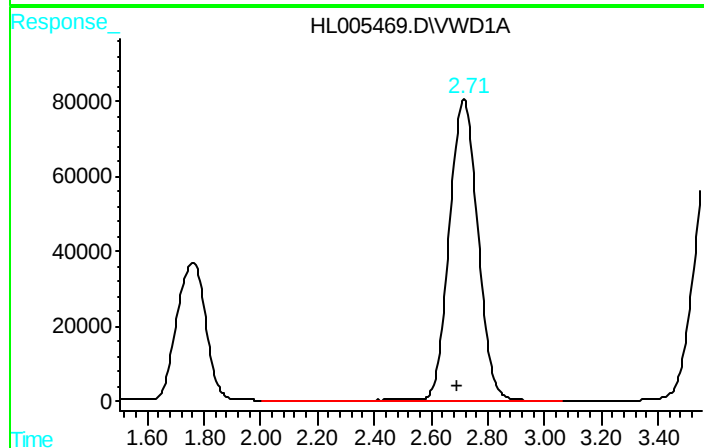
#2 HMX

R.T.: 0.899 min
Delta R.T.: -0.003 min
Response: 2012562
Conc: 436.91 ug/L



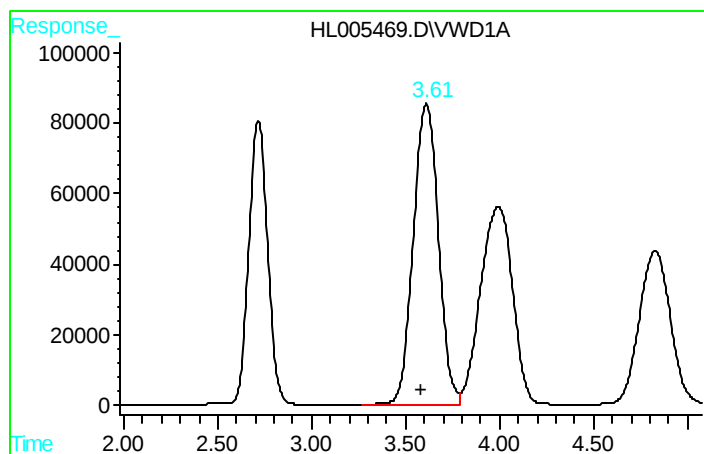
#3 RDX

R.T.: 1.760 min
Delta R.T.: -0.001 min
Response: 2602327
Conc: 515.74 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.717 min
Delta R.T.: 0.023 min
Response: 5604064
Conc: 502.71 ug/L



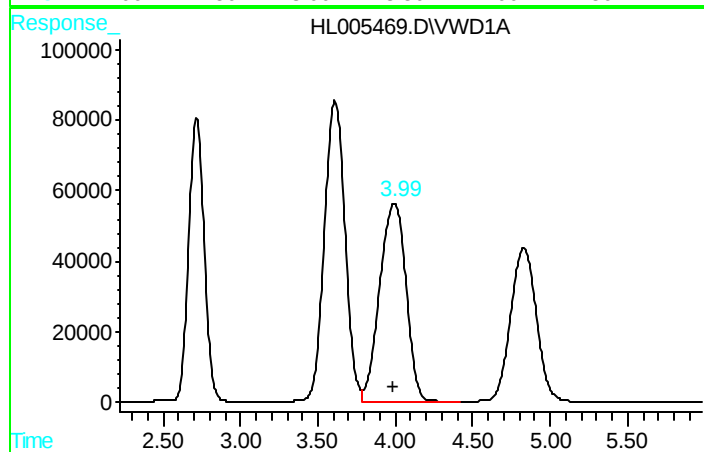
#5 1,3-Dinitrobenzene

R.T.: 3.611 min
Delta R.T.: 0.027 min
Response: 7915833
Conc: 506.63 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

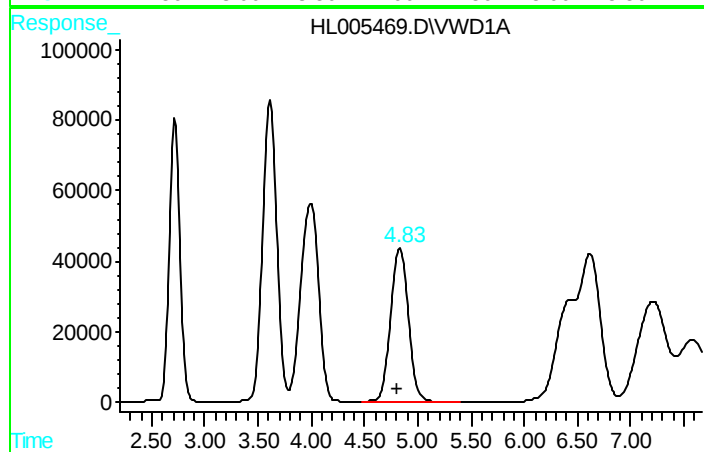
Manual Integrations
APPROVED

AHPatel
7/6/2013 12:44:47 AM



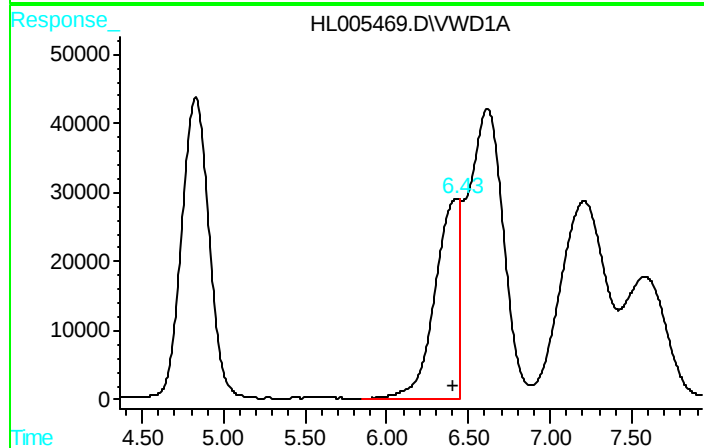
#6 3,5-Dinitroaniline

R.T.: 3.994 min
Delta R.T.: 0.012 min
Response: 6658682
Conc: 476.70 ug/L



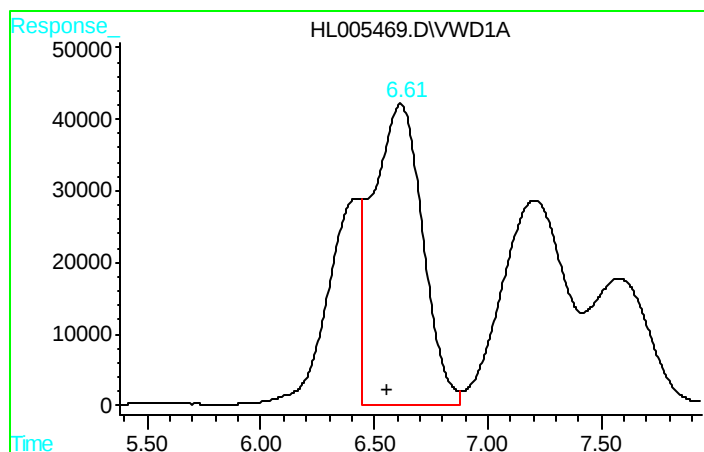
#7 Nitrobenzene

R.T.: 4.829 min
Delta R.T.: 0.027 min
Response: 5089414
Conc: 511.29 ug/L



#8 Tetryl

R.T.: 6.427 min
Delta R.T.: 0.027 min
Response: 2889759
Conc: 454.63 ug/L m



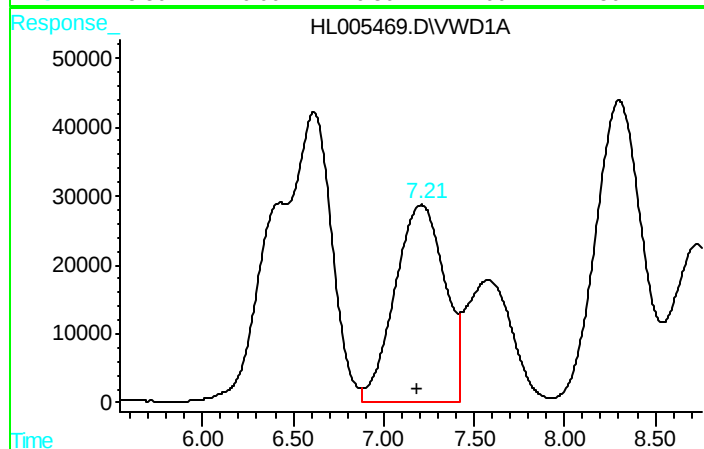
#9 2,4,6-Trinitrotoluene

R.T.: 6.614 min
Delta R.T.: 0.063 min
Response: 6344539
Conc: 540.33 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

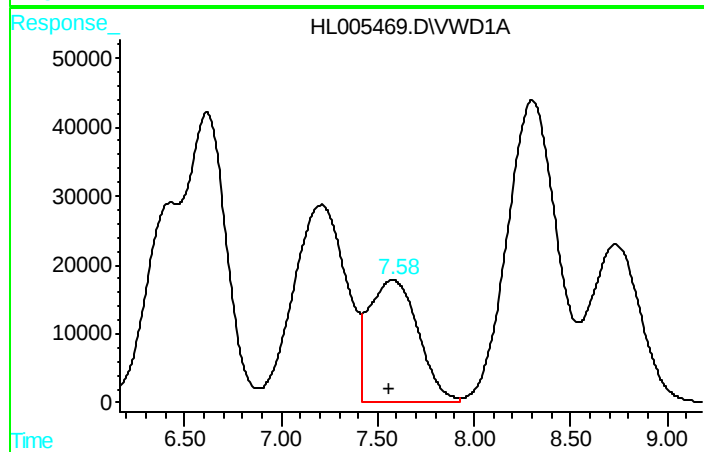
Manual Integrations
APPROVED

AHPatel
7/6/2013 12:44:47 AM



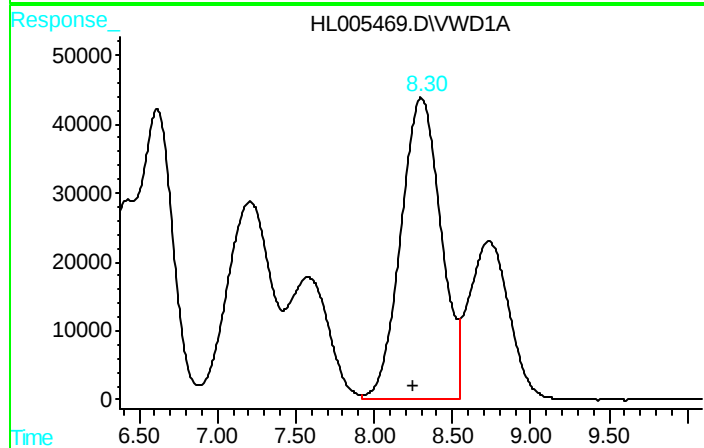
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.208 min
Delta R.T.: 0.018 min
Response: 5474506
Conc: 465.64 ug/L



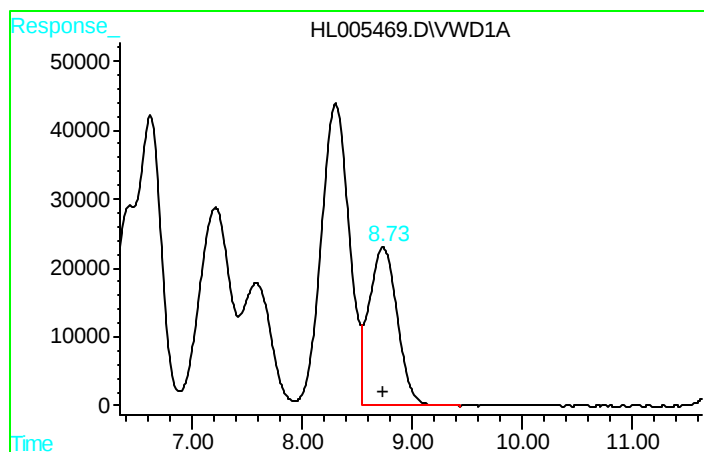
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.579 min
Delta R.T.: 0.019 min
Response: 3143871
Conc: 485.32 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.302 min
Delta R.T.: 0.051 min
Response: 7800799
Conc: 521.17 ug/L



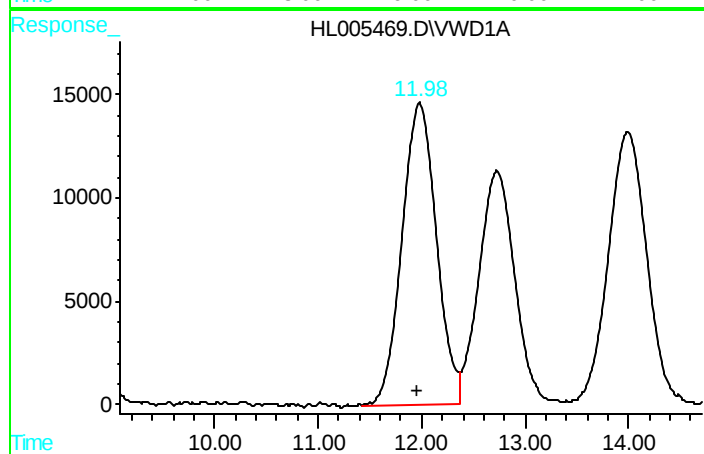
#13 2,6-Dinitrotoluene

R.T.: 8.733 min
Delta R.T.: 0.003 min
Response: 4122505
Conc: 492.82 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

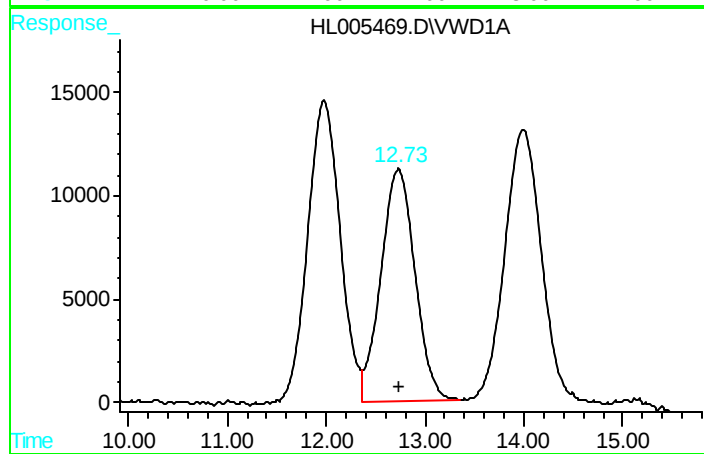
Manual Integrations
APPROVED

AHPatel
7/6/2013 12:44:47 AM



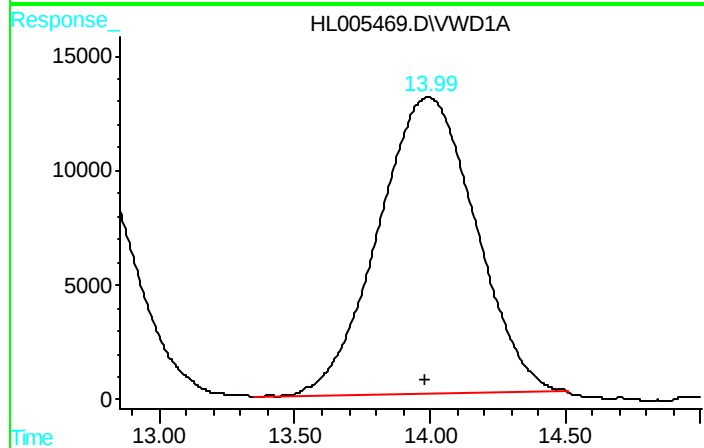
#14 2-Nitrotoluene

R.T.: 11.978 min
Delta R.T.: 0.018 min
Response: 3344575
Conc: 524.00 ug/L



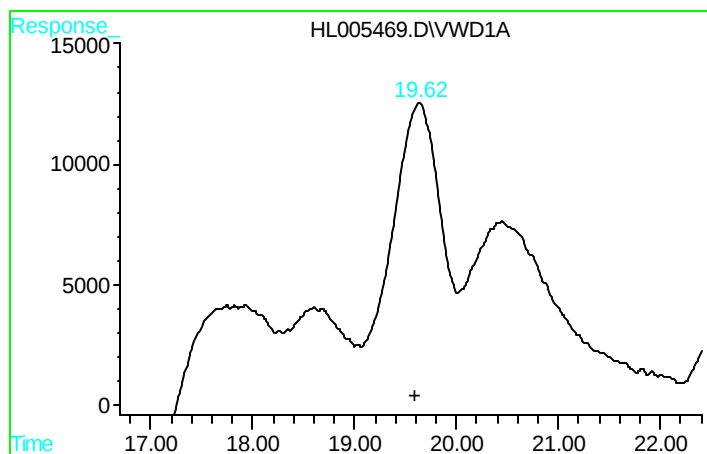
#15 4-Nitrotoluene

R.T.: 12.730 min
Delta R.T.: 0.000 min
Response: 2687246
Conc: 498.11 ug/L



#16 3-Nitrotoluene

R.T.: 13.993 min
Delta R.T.: 0.013 min
Response: 3245291
Conc: 466.99 ug/L



#17 PETN

R.T.: 19.632 min
Delta R.T.: 0.032 min
Response: 4519824
Conc: 481.68 ug/L

Instrument :

HPLC_L

LabSampleId :

HSTDCCC0500

Manual Integrations
APPROVED

AHPatel
7/6/2013 12:44:47 AM