

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070513\HL005497.D Vial: 1
 Acq On : 05-Jul-2013, 13:53 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 5 14:49 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/9/2013 4:23:10 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
 Title :
 Last Update : Tue Jul 02 16:59:51 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	2000322	493.924 ug/L
Target Compounds			
2) T HMX	0.90	2109685	457.994 ug/L
3) T RDX	1.74	2558765	507.108 ug/L
4) T 1,3,5-Trinitrobenzene	2.70	5698211	511.160 ug/L
5) T 1,3-Dinitrobenzene	3.61	8072320	516.650 ng/ml
6) T 3,5-Dinitroaniline	4.01	6700897	479.720 ug/L
7) T Nitrobenzene	4.85	4903788	492.643 ug/L
8) T Tetryl	6.52	3165407	497.992 ug/L m
9) T 2,4,6-Trinitrotoluene	6.66	6179031	526.231 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.26	5608178	477.009 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.64	3373872	521.778 ug/L
12) T 2,4-Dinitrotoluene	8.37	7742734	517.286 ug/L
13) T 2,6-Dinitrotoluene	8.80	4135958	494.432 ug/L
14) T 2-Nitrotoluene	12.06	3325018	520.936 ug/L
15) T 4-Nitrotoluene	12.84	2618258	485.319 ug/L
16) T 3-Nitrotoluene	14.12	3232386	465.132 ug/L m
17) T PETN	19.91	5152997	555.328 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.

HL005497.D HL070213.M

Thu Jul 11 23:31:25 2013

RPT1

Quantitation Report

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070513\HL005497.D Vial: 1
Acq On : 05-Jul-2013, 13:53 Operator: QM
Sample : HSTDCCC0500 Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jul 5 14:49 2013 Quant Results File: HL070213.RES

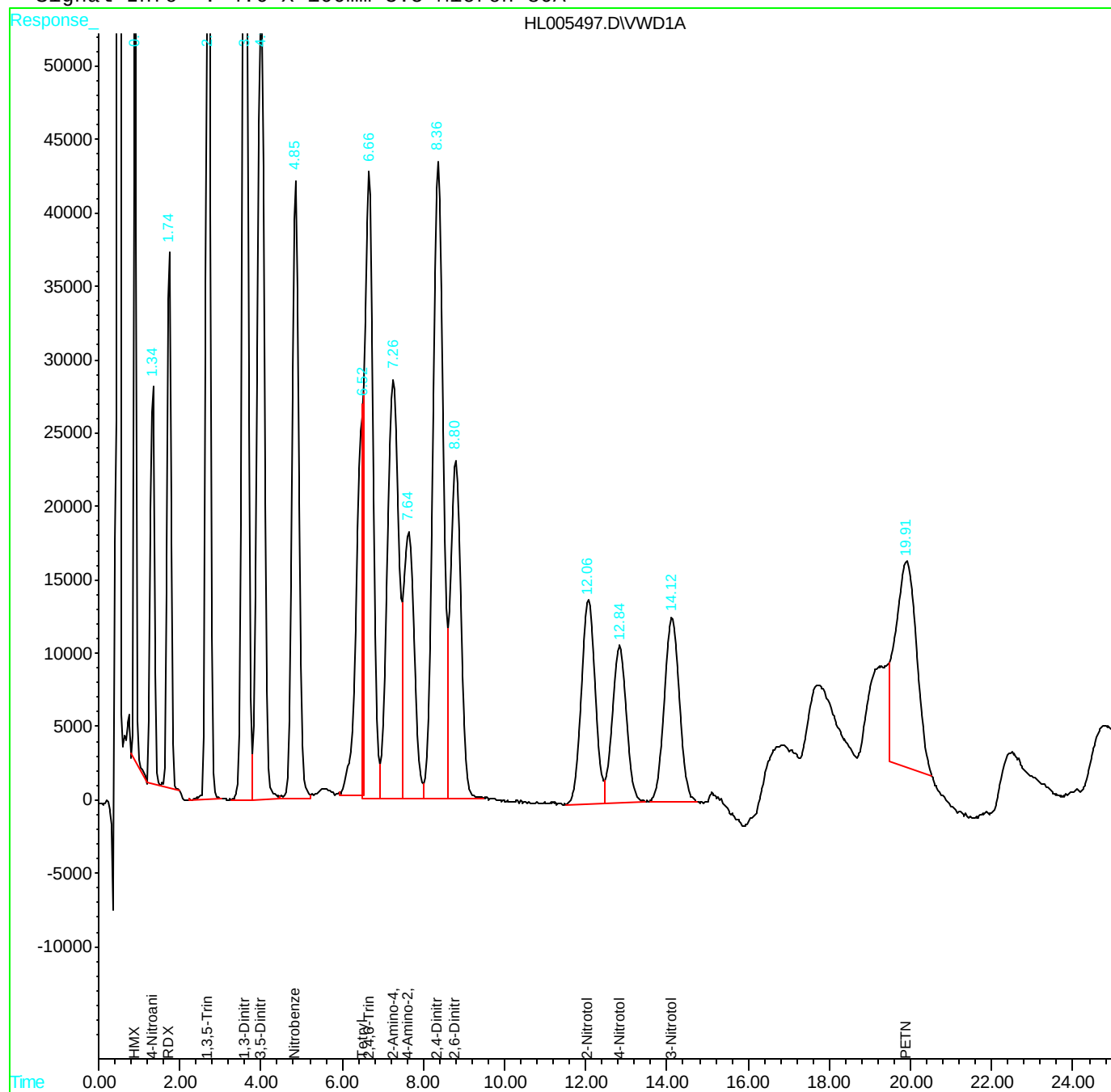
Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

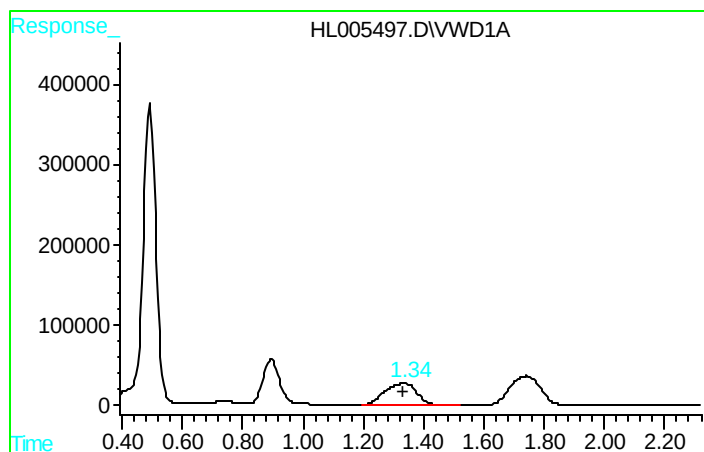
Manual Integrations APPROVED

QI
7/9/2013 4:23:10 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL070213.M
Title :
Last Update : Tue Jul 02 16:59:51 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





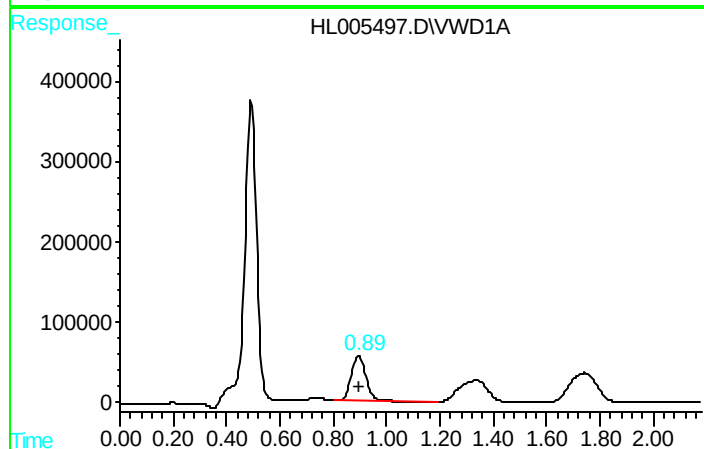
#1 4-Nitroaniline

R.T.: 1.334 min
Delta R.T.: 0.000 min
Response: 2000322
Conc: 493.92 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

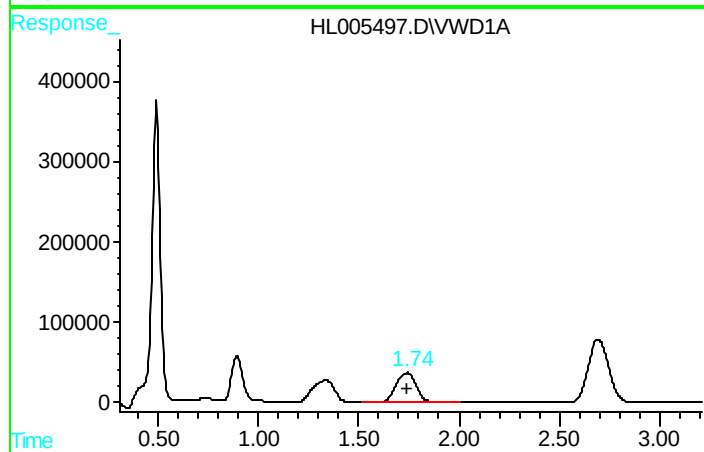
Manual Integrations
APPROVED

QI
7/9/2013 4:23:10 PM



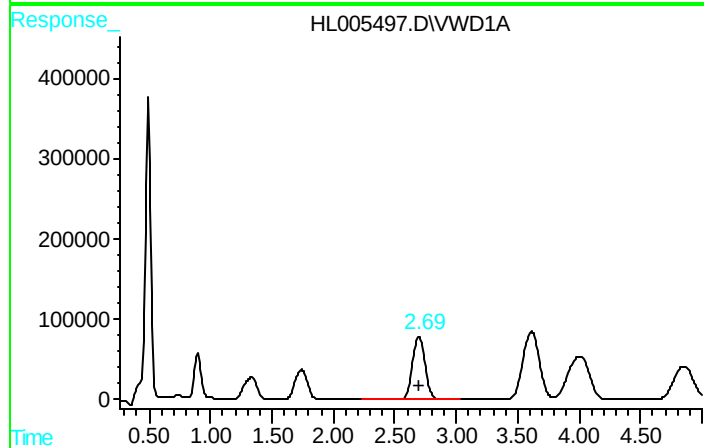
#2 HMX

R.T.: 0.896 min
Delta R.T.: 0.000 min
Response: 2109685
Conc: 457.99 ug/L



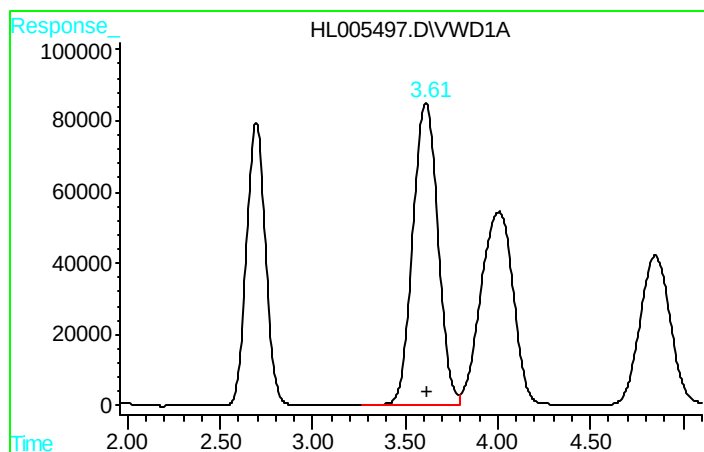
#3 RDX

R.T.: 1.741 min
Delta R.T.: 0.000 min
Response: 2558765
Conc: 507.11 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.696 min
Delta R.T.: 0.000 min
Response: 5698211
Conc: 511.16 ug/L



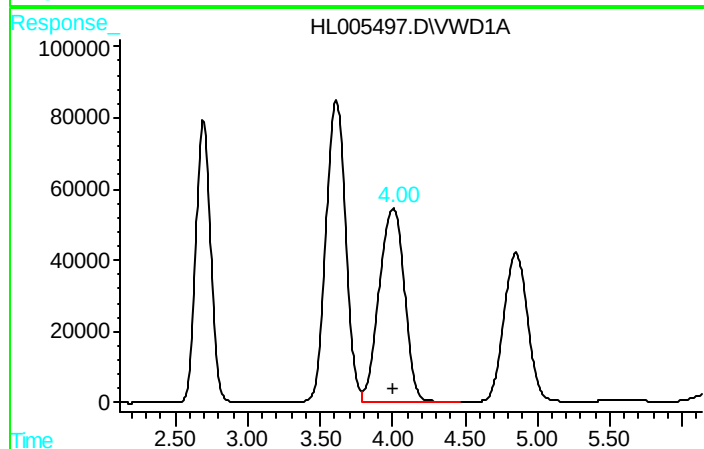
#5 1,3-Dinitrobenzene

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 8072320
Conc: 516.65 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

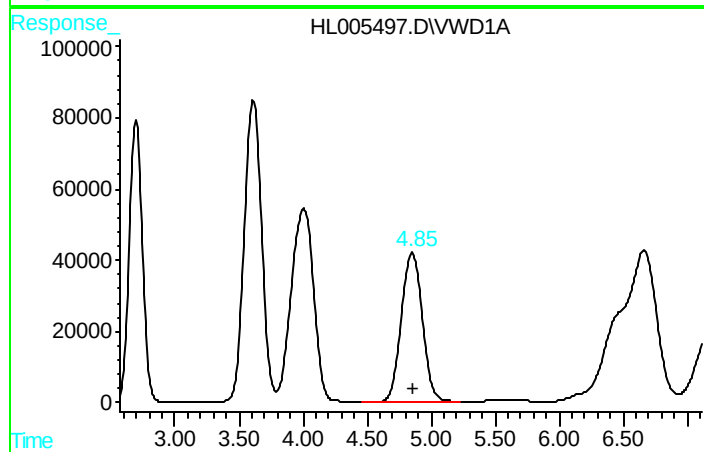
Manual Integrations
APPROVED

QI
7/9/2013 4:23:10 PM



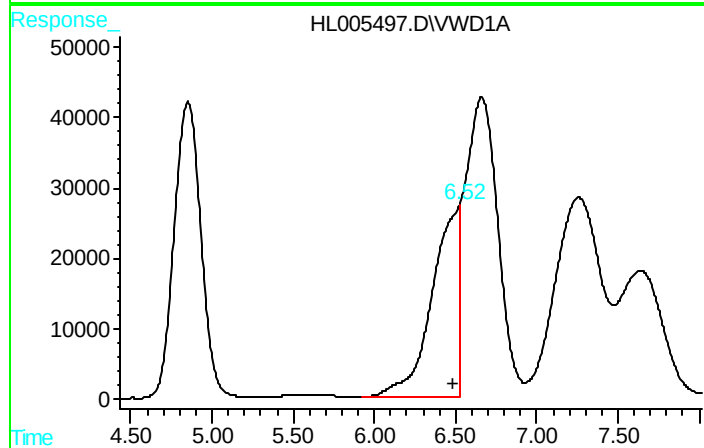
#6 3,5-Dinitroaniline

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 6700897
Conc: 479.72 ug/L



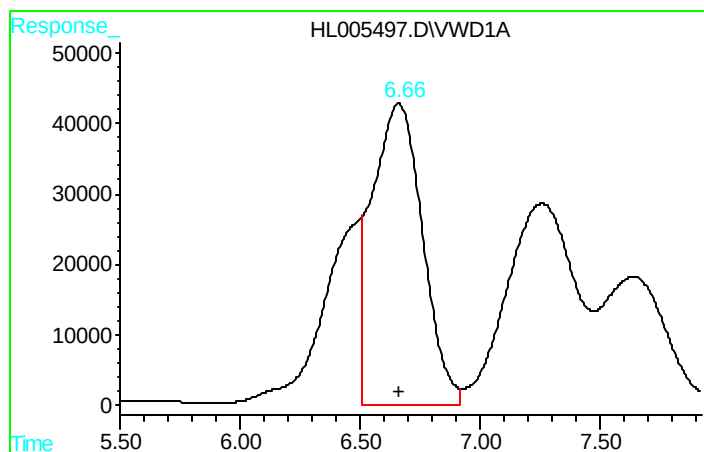
#7 Nitrobenzene

R.T.: 4.852 min
Delta R.T.: 0.000 min
Response: 4903788
Conc: 492.64 ug/L



#8 Tetryl

R.T.: 6.523 min
Delta R.T.: 0.034 min
Response: 3165407
Conc: 497.99 ug/L m



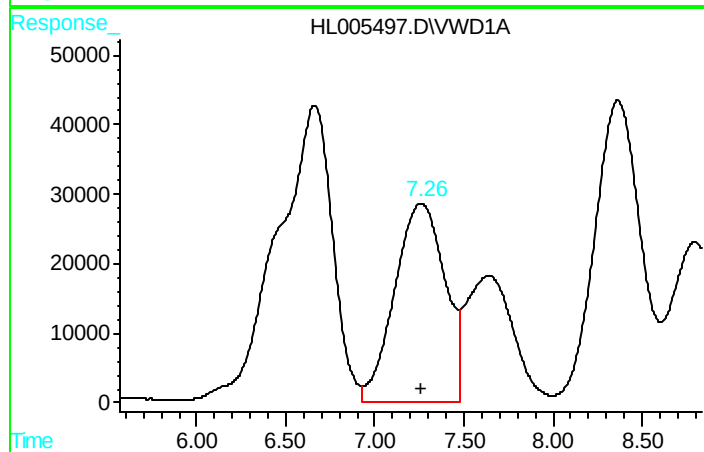
#9 2,4,6-Trinitrotoluene

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 6179031
Conc: 526.23 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

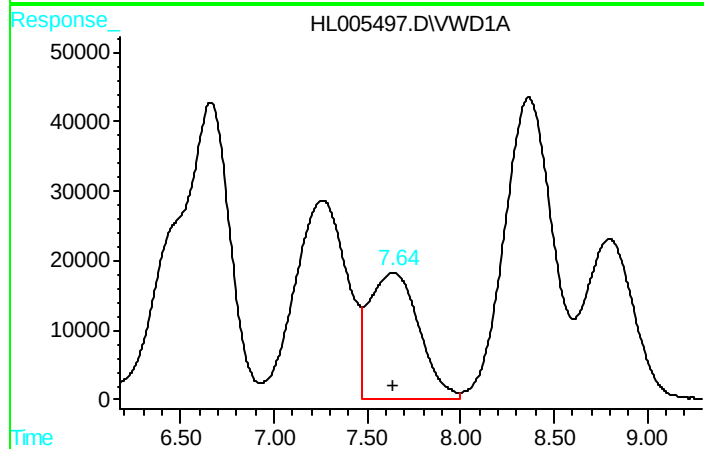
Manual Integrations
APPROVED

QI
7/9/2013 4:23:10 PM



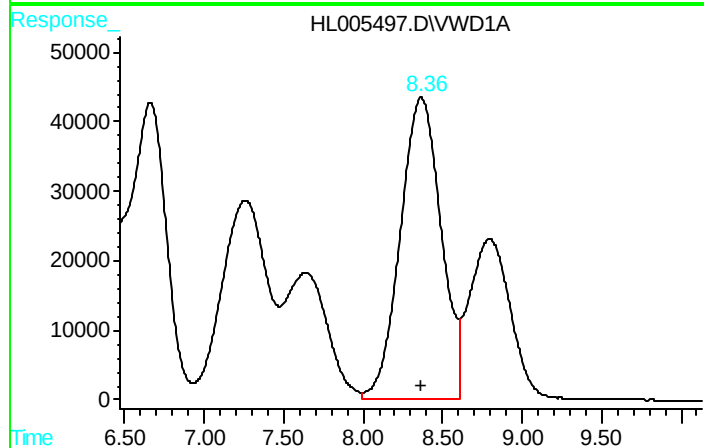
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 5608178
Conc: 477.01 ug/L



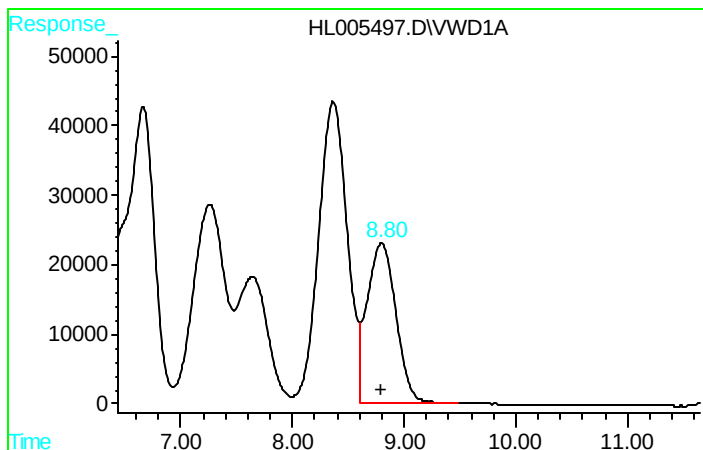
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 3373872
Conc: 521.78 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.365 min
Delta R.T.: 0.002 min
Response: 7742734
Conc: 517.29 ug/L



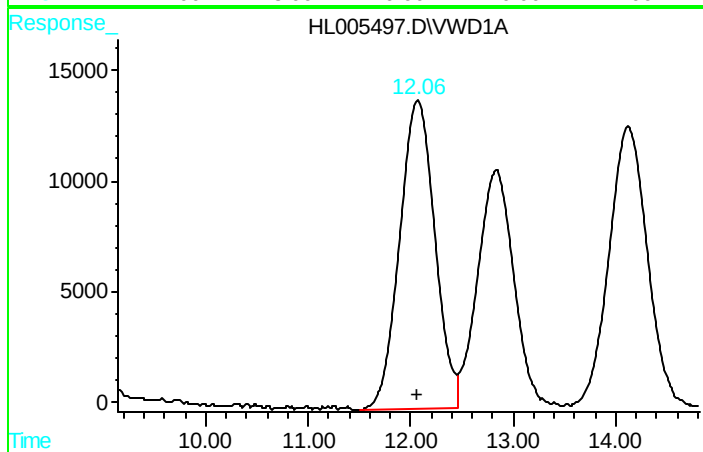
#13 2,6-Dinitrotoluene

R.T.: 8.797 min
Delta R.T.: 0.002 min
Response: 4135958
Conc: 494.43 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

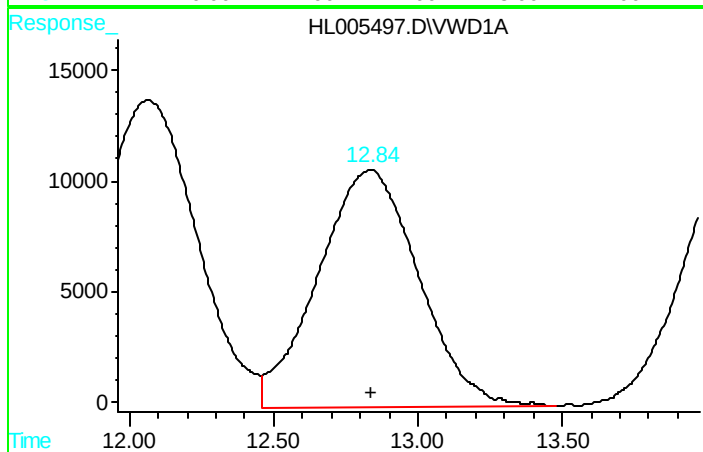
Manual Integrations
APPROVED

QI
7/9/2013 4:23:10 PM



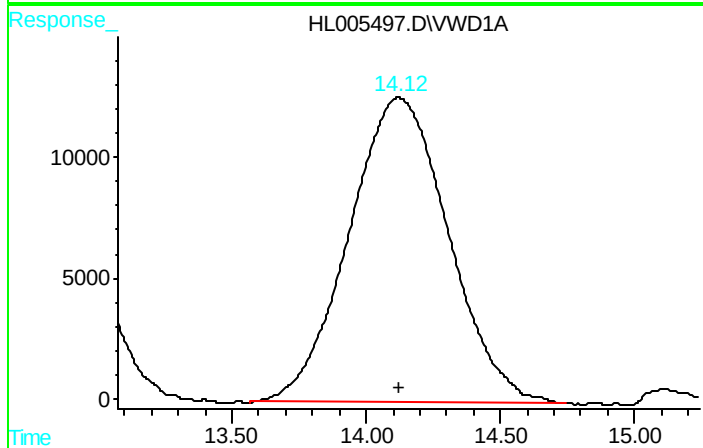
#14 2-Nitrotoluene

R.T.: 12.065 min
Delta R.T.: 0.003 min
Response: 3325018
Conc: 520.94 ug/L



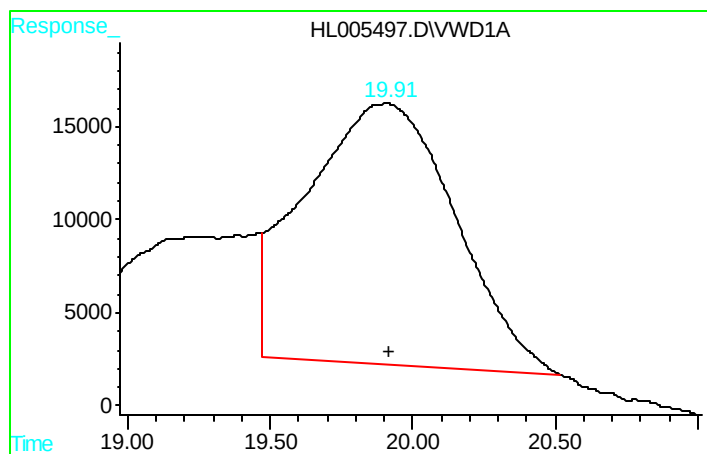
#15 4-Nitrotoluene

R.T.: 12.835 min
Delta R.T.: -0.002 min
Response: 2618258
Conc: 485.32 ug/L



#16 3-Nitrotoluene

R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 3232386
Conc: 465.13 ug/L m



#17 PETN

R.T.: 19.914 min
Delta R.T.: 0.000 min
Response: 5152997
Conc: 555.33 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDCCC0500

Manual Integrations
APPROVED

QI
7/9/2013 4:23:10 PM