

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005585.D Vial: 8
 Acq On : 04-Oct-2013, 12:01 Operator: QM
 Sample : PB72592BS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 18:43 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 ClientSampleId :
 PB72592BS

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:52 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 18:32:16 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	1.32	1239245	269.532 ug/L m
Target Compounds			
2) T HMX	0.90	942756	212.145 ug/L m
3) T RDX	1.73	1206857	210.153 ug/L m
4) T 1,3,5-Trinitrobenzene	2.64	2556715	217.145 ug/L m
5) T 1,3-Dinitrobenzene	3.52	3827998	213.524 ng/mlm
6) T 3,5-Dinitroaniline	3.92	3631570	265.734 ug/L m
7) T Nitrobenzene	4.70	2356638	212.700 ug/L m
8) T Tetryl	6.26	1228494	208.966 ug/L m
9) T 2,4,6-Trinitrotoluene	6.40	2597000	201.127 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.04	2280595	181.936 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.40	1218065	182.556 ug/L m
12) T 2,4-Dinitrotoluene	8.05	3126442	187.409 ug/L m
13) T 2,6-Dinitrotoluene	8.45	1696934	228.534 ug/L m
14) T 2-Nitrotoluene	11.53	1622519	230.779 ug/L m
15) T 4-Nitrotoluene	12.23	1273886	232.116 ug/L m
16) T 3-Nitrotoluene	13.51	1509640	222.930 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.

Quantitation Report

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005585.D Vial: 8
Acq On : 04-Oct-2013, 12:01 Operator: QM
Sample : PB72592BS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Oct 7 18:43 2013 Quant Results File: HL100413.RES

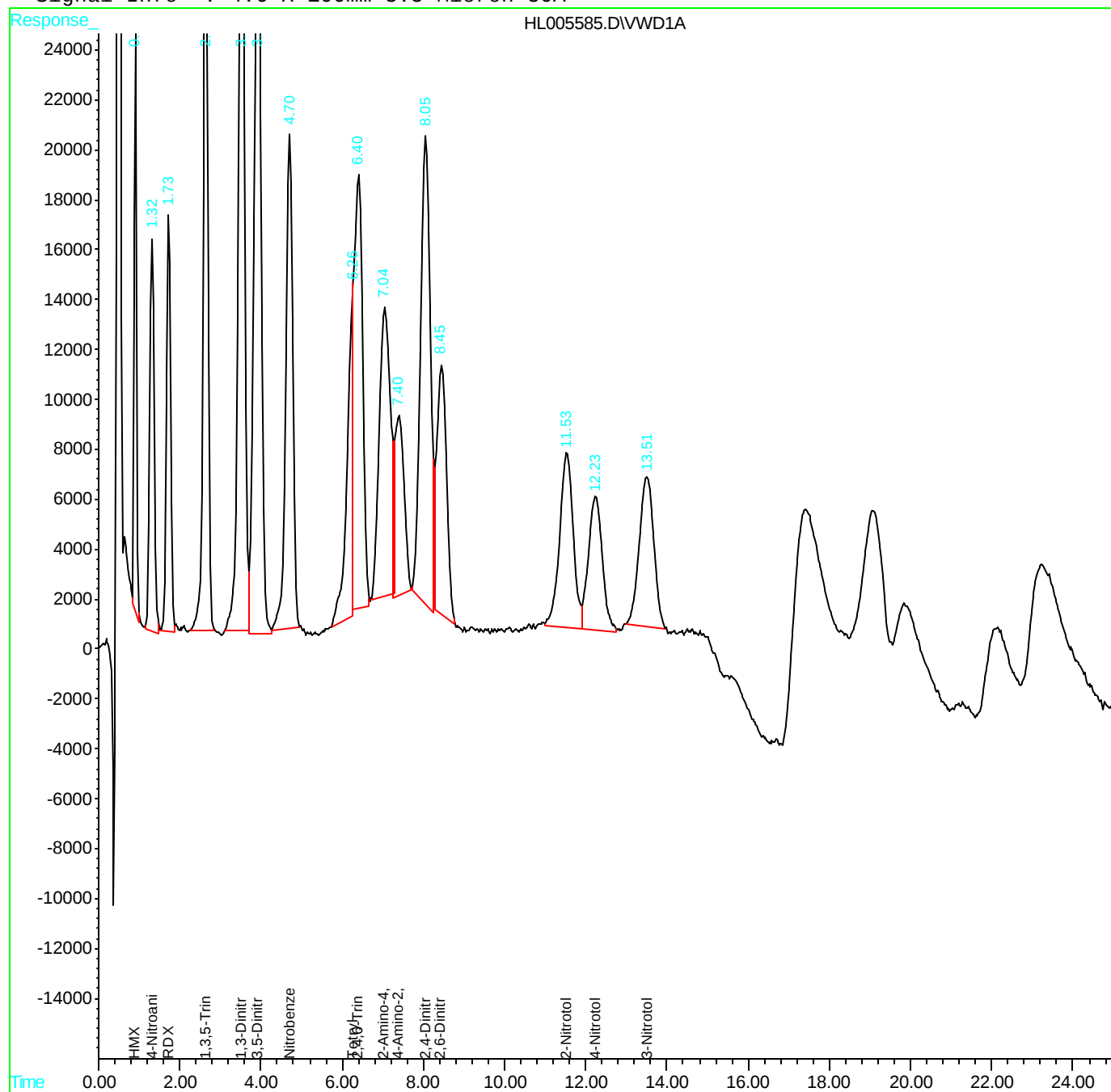
Instrument :
HPLC_L
ClientSampleId :
PB72592BS

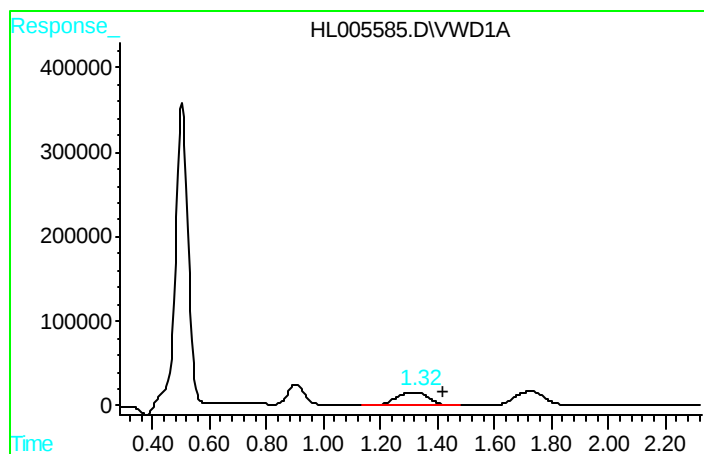
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:52 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
Title :
Last Update : Mon Oct 07 18:32:16 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





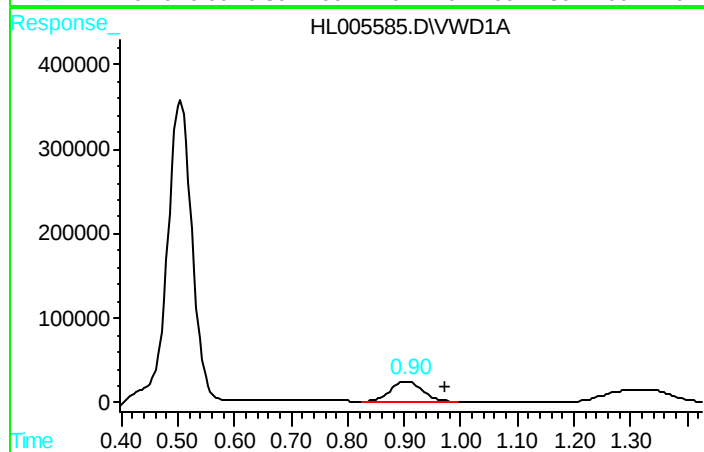
#1 4-Nitroaniline

R.T.: 1.324 min
Delta R.T.: -0.097 min
Response: 1239245
Conc: 269.53 ug/L m

Instrument :
HPLC_L
ClientSampled :
PB72592BS

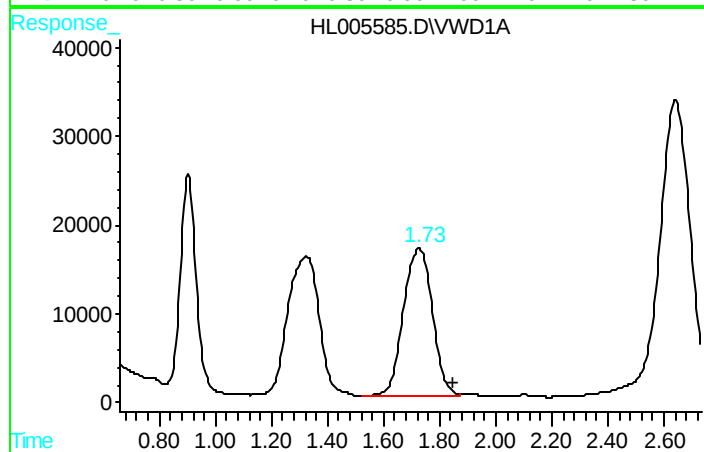
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:52 PM



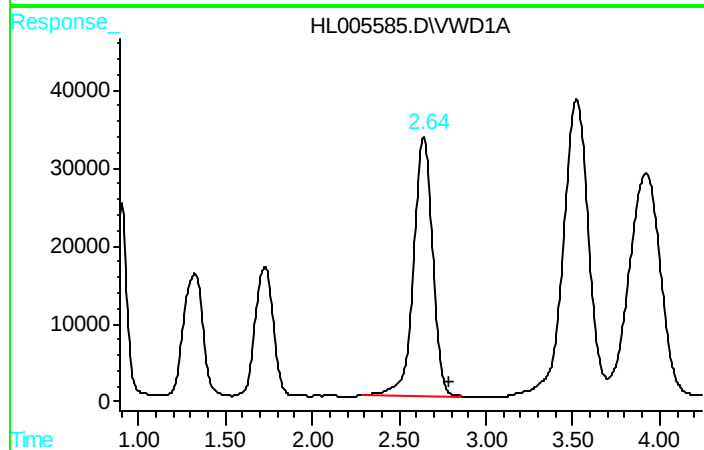
#2 HMX

R.T.: 0.902 min
Delta R.T.: -0.070 min
Response: 942756
Conc: 212.14 ug/L m



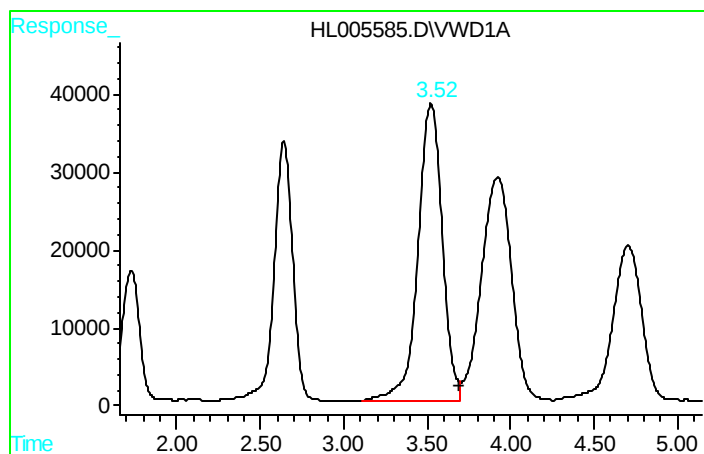
#3 RDX

R.T.: 1.726 min
Delta R.T.: -0.122 min
Response: 1206857
Conc: 210.15 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.640 min
Delta R.T.: -0.152 min
Response: 2556715
Conc: 217.15 ug/L m



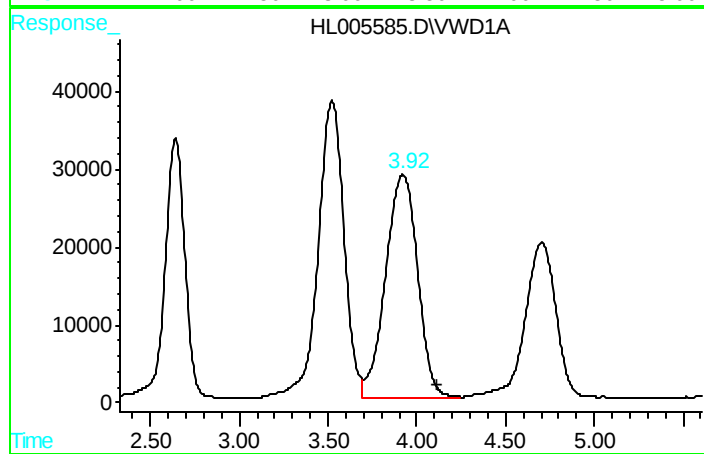
#5 1,3-Dinitrobenzene

R.T.: 3.521 min
Delta R.T.: -0.172 min
Response: 3827998
Conc: 213.52 ng/ml

Instrument :
HPLC_L
ClientSampleId :
PB72592BS

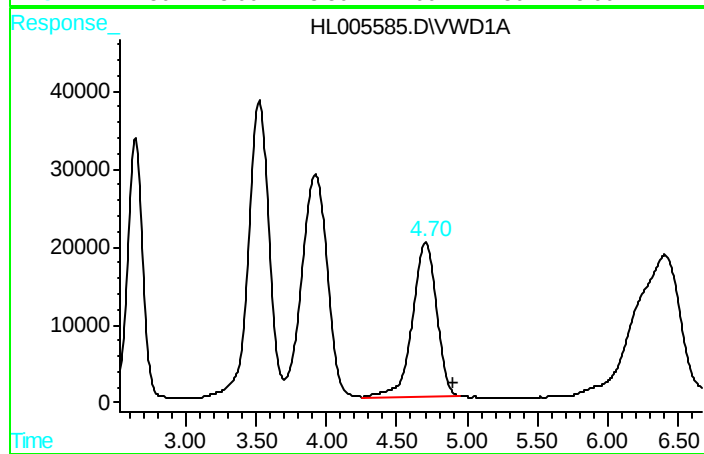
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:52 PM



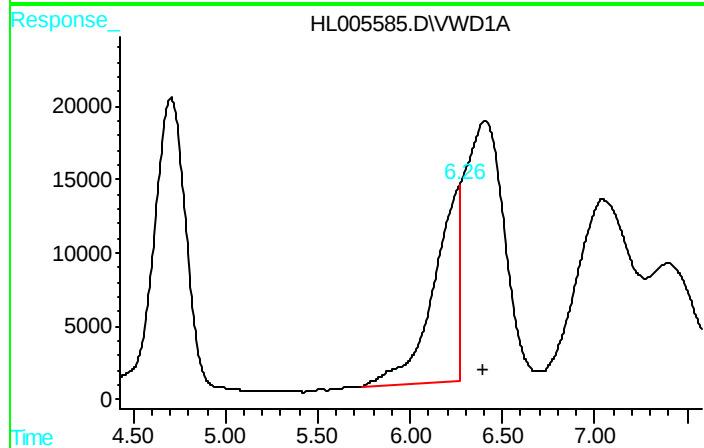
#6 3,5-Dinitroaniline

R.T.: 3.921 min
Delta R.T.: -0.189 min
Response: 3631570
Conc: 265.73 ug/L m



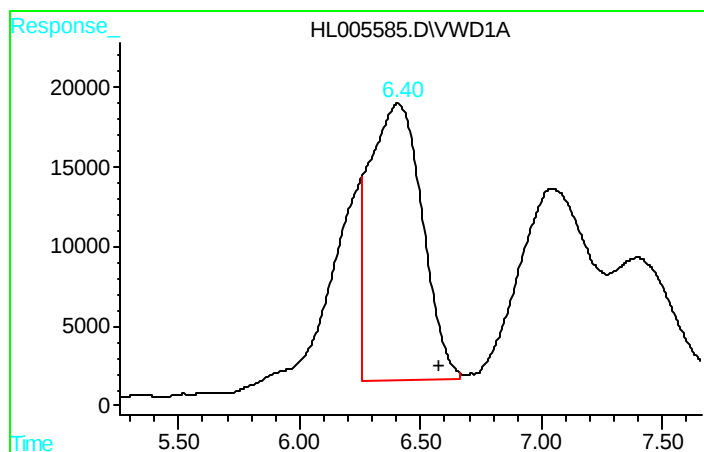
#7 Nitrobenzene

R.T.: 4.703 min
Delta R.T.: -0.199 min
Response: 2356638
Conc: 212.70 ug/L m



#8 Tetryl

R.T.: 6.261 min
Delta R.T.: -0.131 min
Response: 1228494
Conc: 208.97 ug/L m



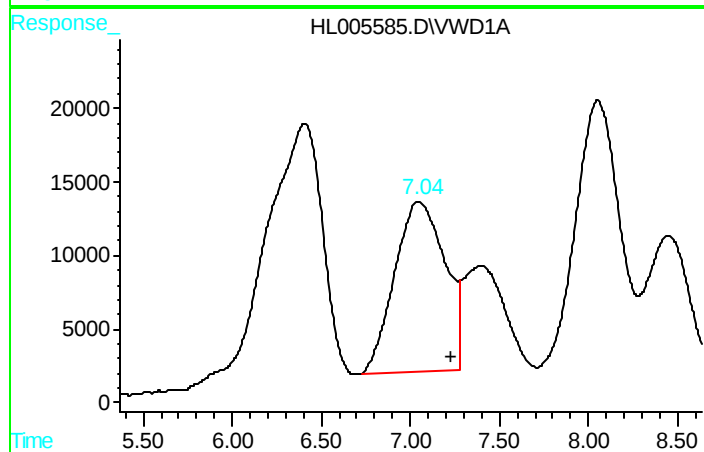
#9 2,4,6-Trinitrotoluene

R.T.: 6.404 min
Delta R.T.: -0.171 min
Response: 2597000
Conc: 201.13 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB72592BS

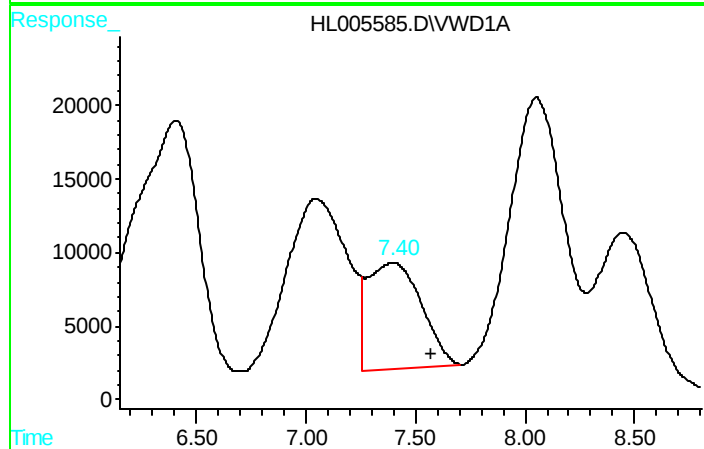
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:52 PM



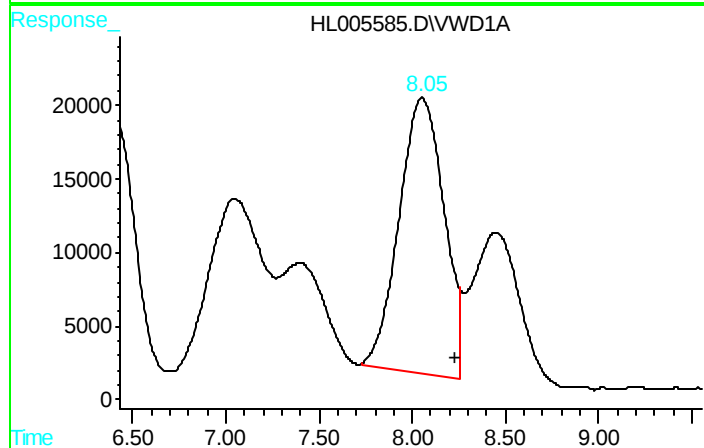
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.039 min
Delta R.T.: -0.192 min
Response: 2280595
Conc: 181.94 ug/L m



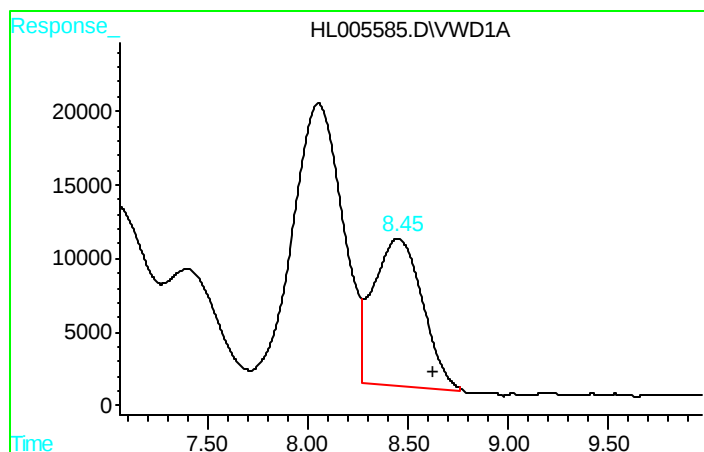
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.399 min
Delta R.T.: -0.170 min
Response: 1218065
Conc: 182.56 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.051 min
Delta R.T.: -0.180 min
Response: 3126442
Conc: 187.41 ug/L m



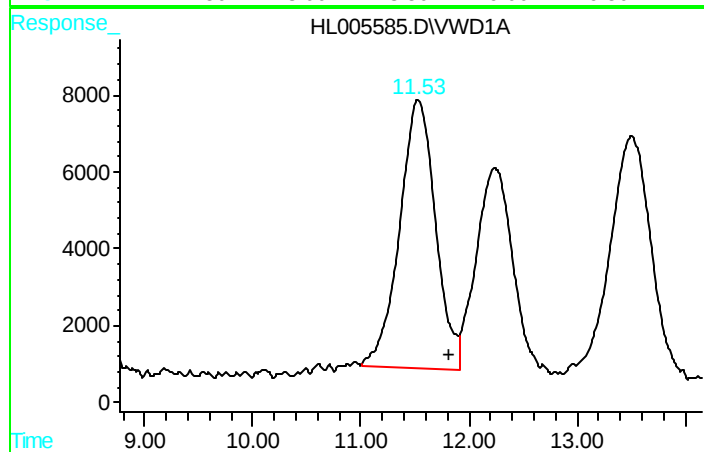
#13 2,6-Dinitrotoluene

R.T.: 8.445 min
Delta R.T.: -0.180 min
Response: 1696934
Conc: 228.53 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB72592BS

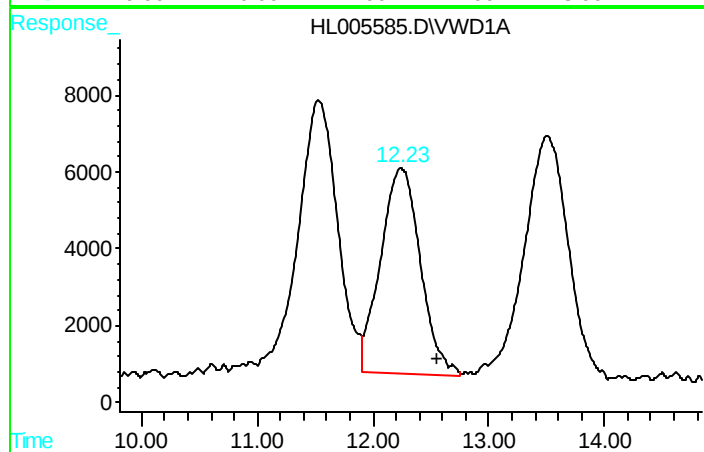
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:52 PM



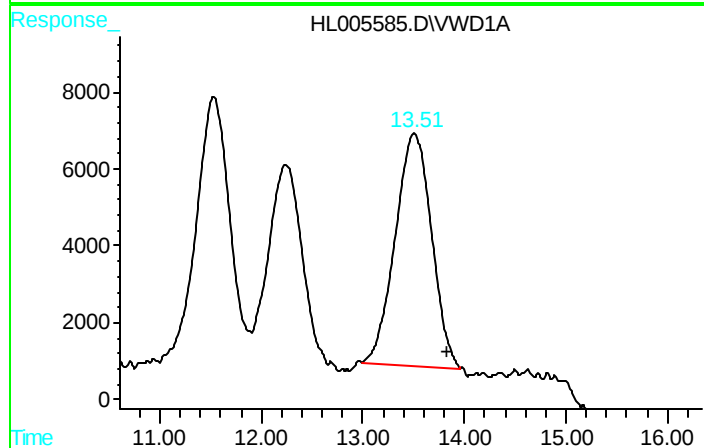
#14 2-Nitrotoluene

R.T.: 11.526 min
Delta R.T.: -0.289 min
Response: 1622519
Conc: 230.78 ug/L m



#15 4-Nitrotoluene

R.T.: 12.233 min
Delta R.T.: -0.326 min
Response: 1273886
Conc: 232.12 ug/L m



#16 3-Nitrotoluene

R.T.: 13.507 min
Delta R.T.: -0.312 min
Response: 1509640
Conc: 222.93 ug/L m