

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005582.D Vial: 5
 Acq On : 04-Oct-2013, 10:19 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 16:14 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:44 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 15:28:23 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	1.30	432459	106.586 ug/L m
Target Compounds			
2) T HMX	0.89	437550	94.497 ug/L m
3) T RDX	1.65	507056	98.558 ug/L m
4) T 1,3,5-Trinitrobenzene	2.62	1053358	93.487 ug/L m
5) T 1,3-Dinitrobenzene	3.49	1646632	103.011 ng/mlm
6) T 3,5-Dinitroaniline	3.88	1256023	89.319 ug/L m
7) T Nitrobenzene	4.66	1047930	103.290 ug/L m
8) T Tetryl	6.18	520401	85.237 ug/L m
9) T 2,4,6-Trinitrotoluene	6.35	1231775	104.770 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.00	1104048	93.889 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.33	522834	90.989 ug/L m
12) T 2,4-Dinitrotoluene	8.01	1537527	101.336 ug/L m
13) T 2,6-Dinitrotoluene	8.40	709335	84.831 ug/L m
14) T 2-Nitrotoluene	11.50	620766	97.252 ug/L m
15) T 4-Nitrotoluene	12.23	528792	99.064 ug/L m
16) T 3-Nitrotoluene	13.51	616044	89.225 ug/L m
17) T PETN	19.03f	4074627	472.578 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\HL005582.D Vial: 5
 Acq On : 04-Oct-2013, 10:19 Operator: QM
 Sample : HSTDICC0100 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 16:14 2013 Quant Results File: HL100413.RES

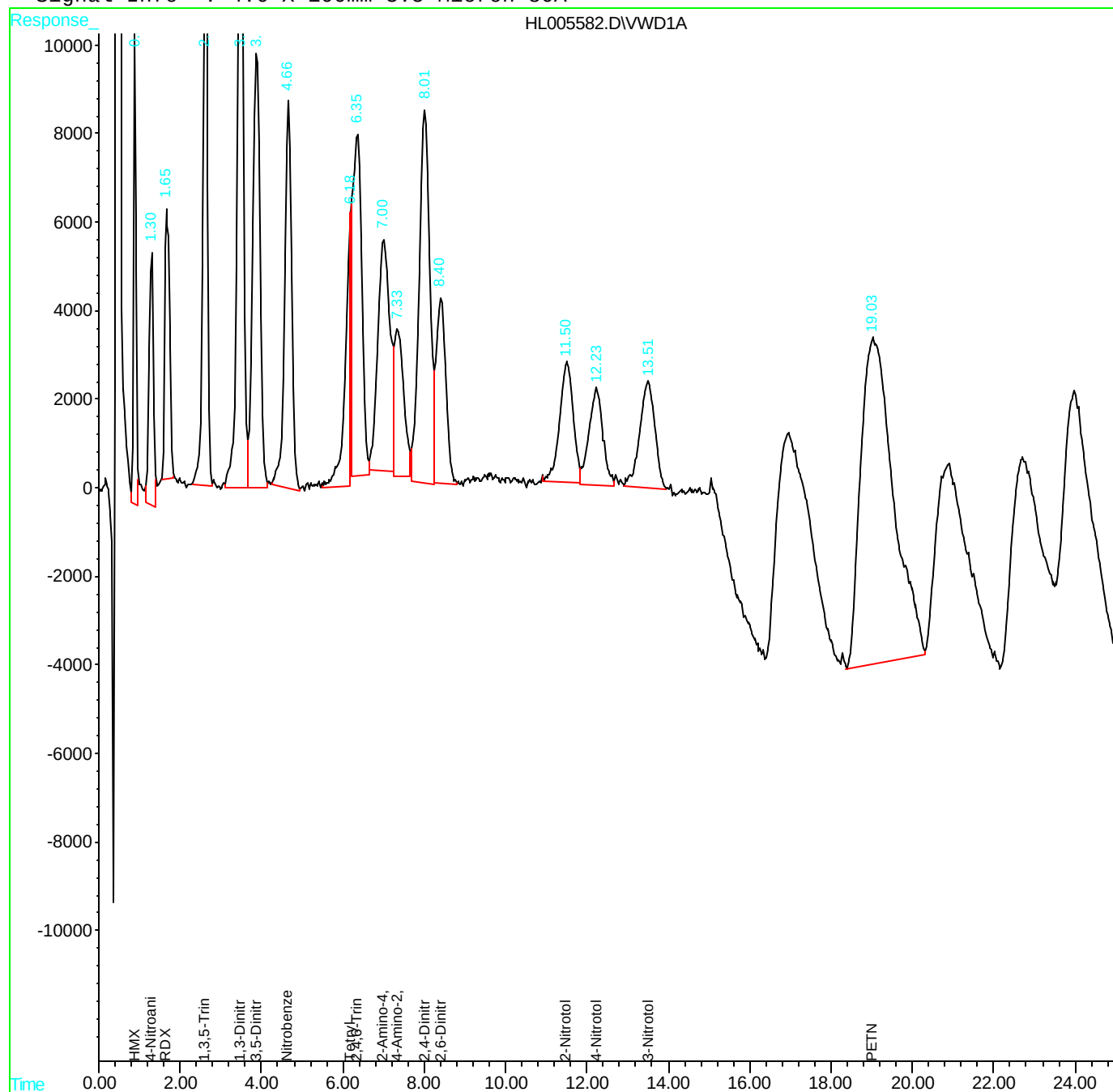
Instrument :
 HPLC_L
 LabSampleId :
 HSTDICC0100

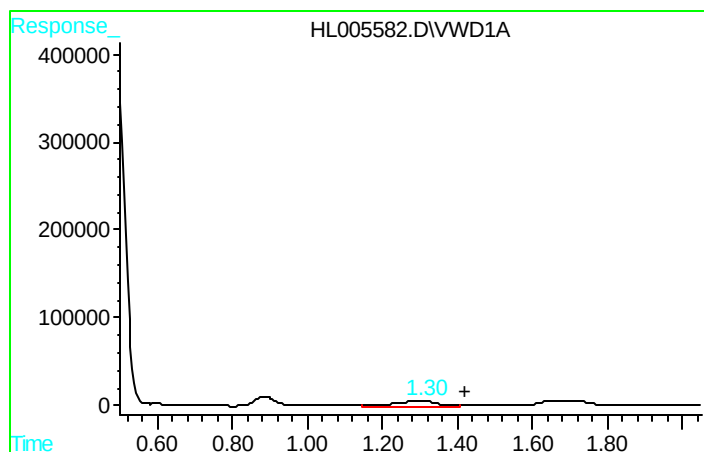
Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:44 PM

Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL100413.M
 Title :
 Last Update : Mon Oct 07 15:28:23 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





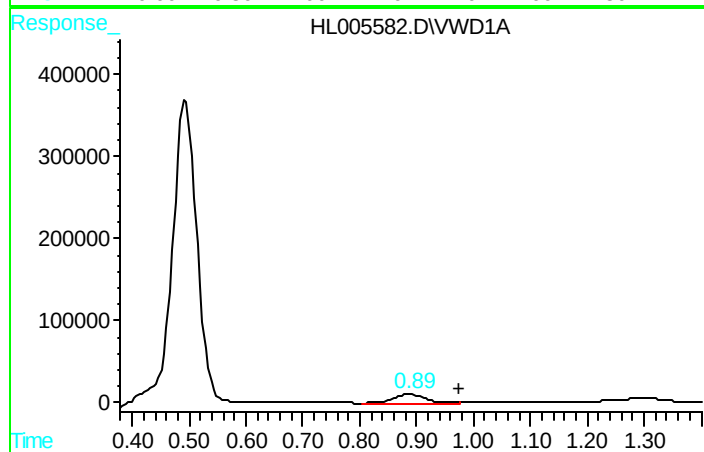
#1 4-Nitroaniline

R.T.: 1.300 min
Delta R.T.: -0.121 min
Response: 432459
Conc: 106.59 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

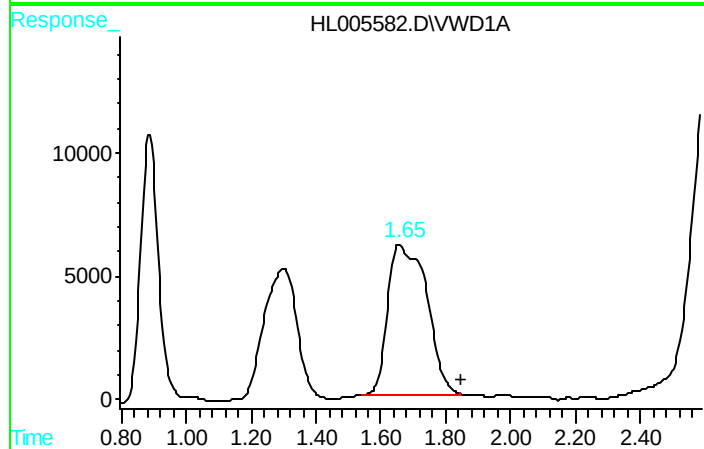
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:44 PM



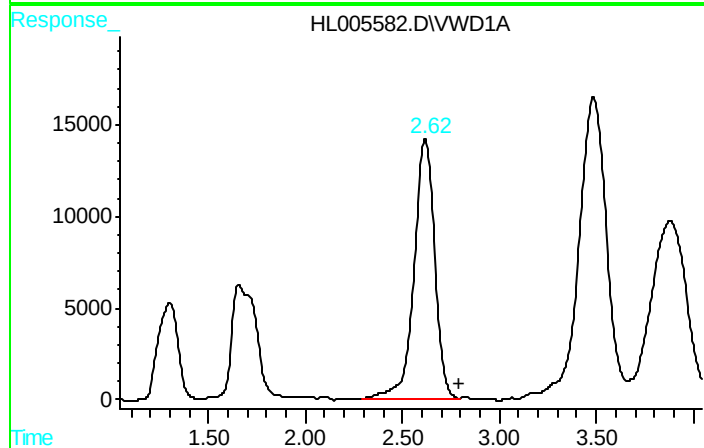
#2 HMX

R.T.: 0.885 min
Delta R.T.: -0.088 min
Response: 437550
Conc: 94.50 ug/L m



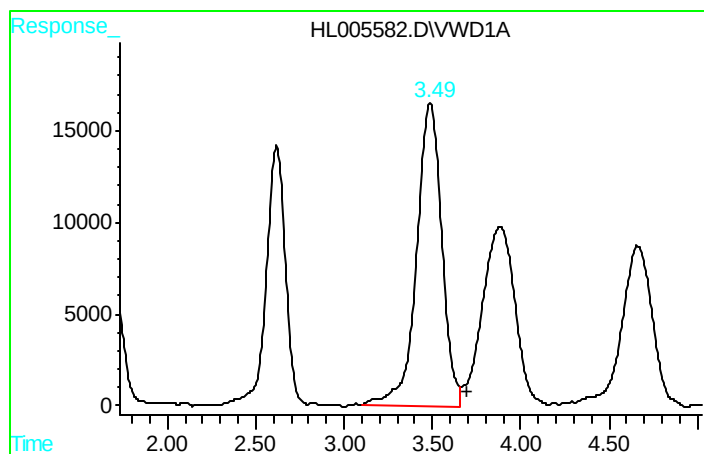
#3 RDX

R.T.: 1.654 min
Delta R.T.: -0.194 min
Response: 507056
Conc: 98.56 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.616 min
Delta R.T.: -0.176 min
Response: 1053358
Conc: 93.49 ug/L m



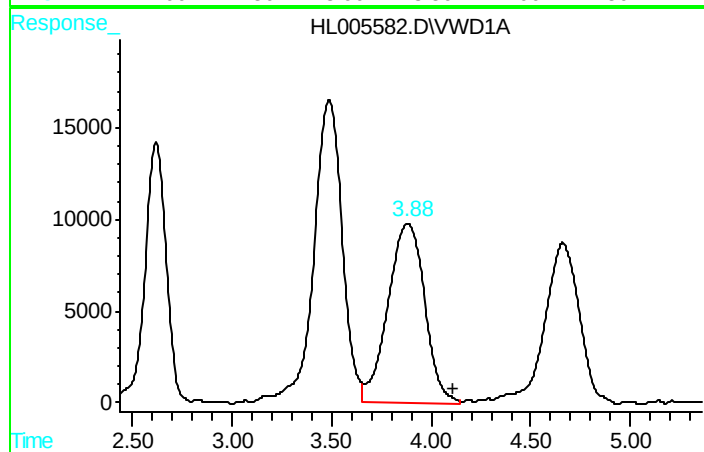
#5 1,3-Dinitrobenzene

R.T.: 3.485 min
Delta R.T.: -0.208 min
Response: 1646632
Conc: 103.01 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

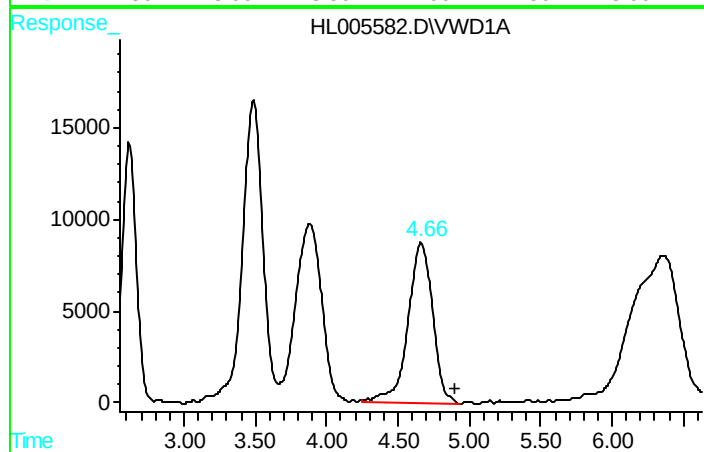
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:44 PM



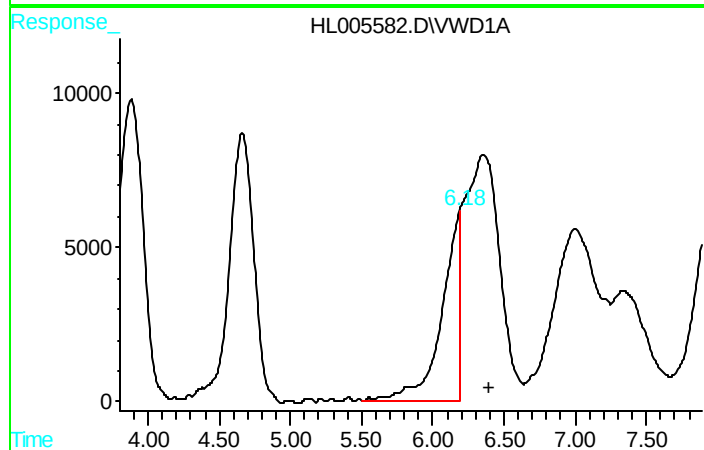
#6 3,5-Dinitroaniline

R.T.: 3.881 min
Delta R.T.: -0.229 min
Response: 1256023
Conc: 89.32 ug/L m



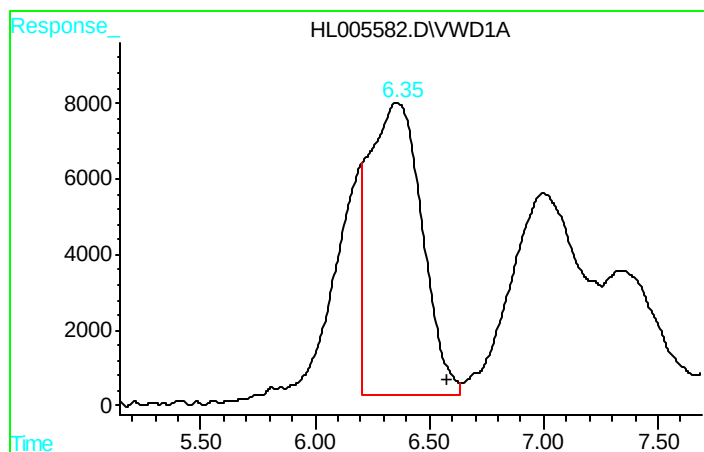
#7 Nitrobenzene

R.T.: 4.658 min
Delta R.T.: -0.243 min
Response: 1047930
Conc: 103.29 ug/L m



#8 Tetryl

R.T.: 6.184 min
Delta R.T.: -0.209 min
Response: 520401
Conc: 85.24 ug/L m



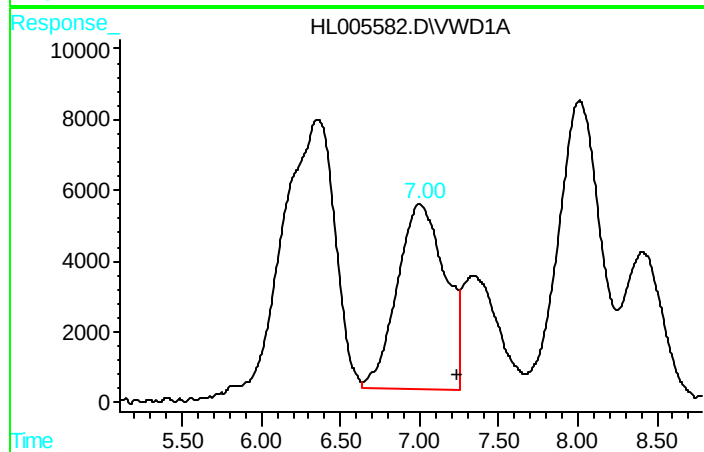
#9 2,4,6-Trinitrotoluene

R.T.: 6.354 min
Delta R.T.: -0.222 min
Response: 1231775
Conc: 104.77 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

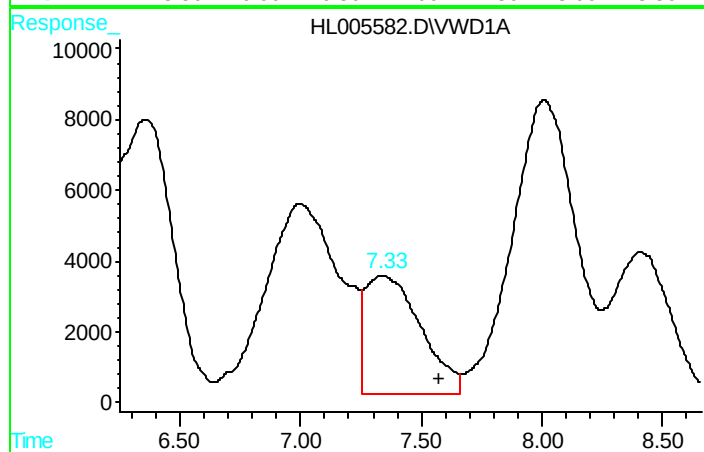
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:44 PM



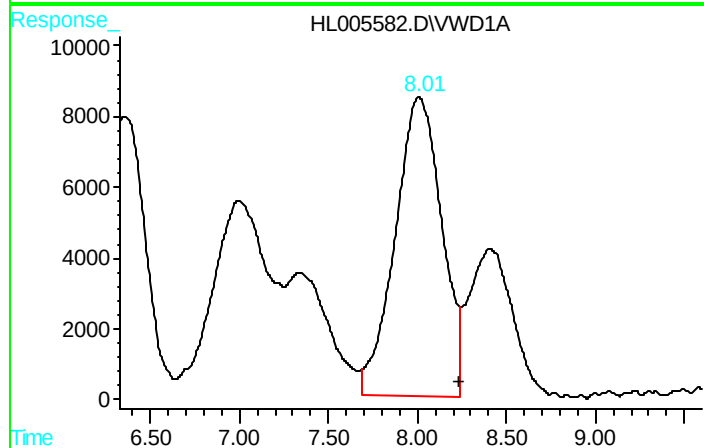
#10 2-Amino-4,6-dinitrotoluene

R.T.: 6.998 min
Delta R.T.: -0.234 min
Response: 1104048
Conc: 93.89 ug/L m



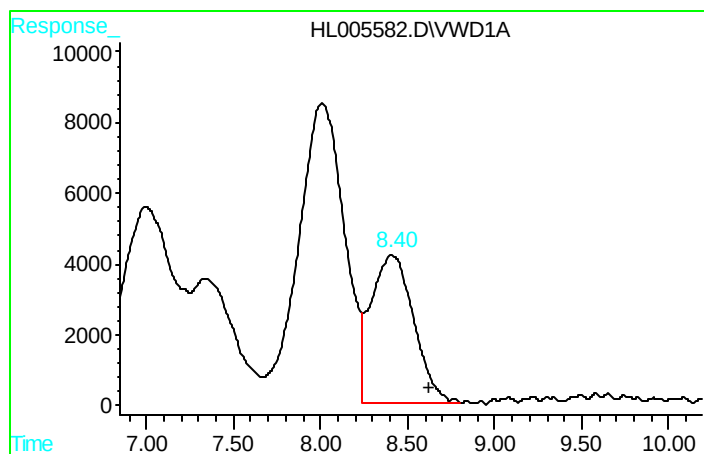
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.332 min
Delta R.T.: -0.238 min
Response: 522834
Conc: 90.99 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.007 min
Delta R.T.: -0.224 min
Response: 1537527
Conc: 101.34 ug/L m



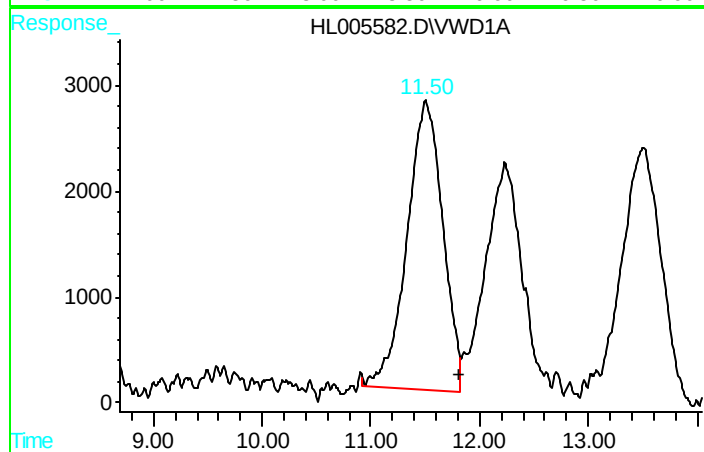
#13 2,6-Dinitrotoluene

R.T.: 8.403 min
Delta R.T.: -0.222 min
Response: 709335
Conc: 84.83 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDICC0100

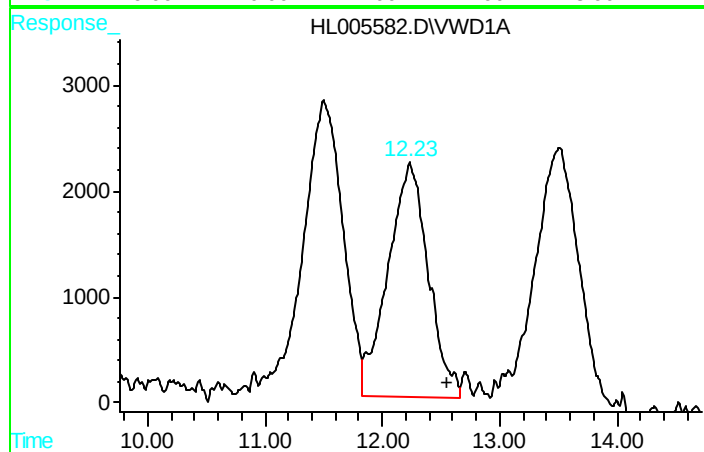
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:44 PM



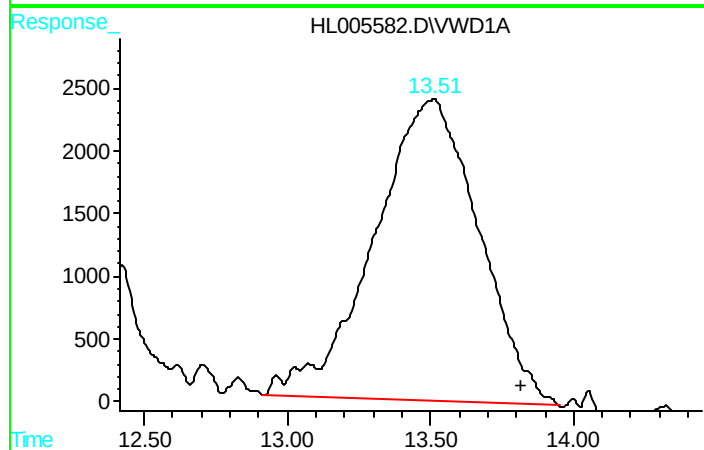
#14 2-Nitrotoluene

R.T.: 11.498 min
Delta R.T.: -0.317 min
Response: 620766
Conc: 97.25 ug/L m



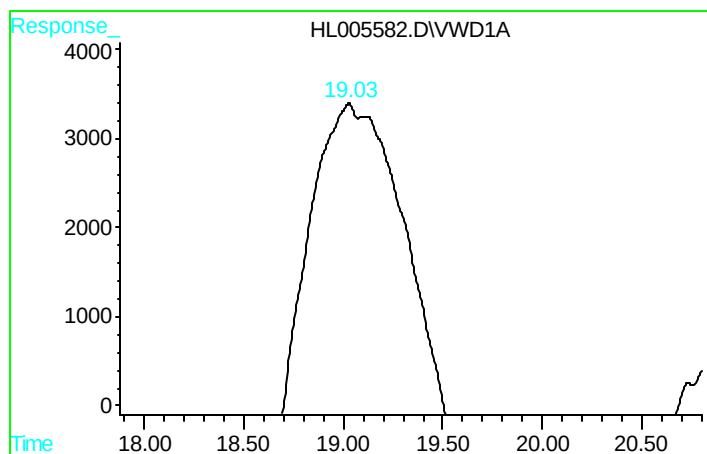
#15 4-Nitrotoluene

R.T.: 12.233 min
Delta R.T.: -0.326 min
Response: 528792
Conc: 99.06 ug/L m



#16 3-Nitrotoluene

R.T.: 13.511 min
Delta R.T.: -0.308 min
Response: 616044
Conc: 89.23 ug/L m



#17 PETN

R.T.: 19.028 min
Delta R.T.: -0.926 min
Response: 4074627
Conc: 472.58 ug/L m

Instrument :

HPLC_L

LabSampleId :

HSTDIC00100

Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:44 PM