

Data File : Z:\HPCHEM1\HPLC_L\DATA\HL100413\HL005584.D Vial: 7
 Acq On : 04-Oct-2013, 11:13 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 18:38 2013 Quant Results File: HL100413.RES

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL100413

Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:48 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	1.31	2326034	505.904 ug/L m
Target Compounds			
2) T HMX	0.88	2234131	502.738 ug/L m
3) T RDX	1.73	3028570	527.372 ug/L m
4) T 1,3,5-Trinitrobenzene	2.66	6038312	512.842 ug/L m
5) T 1,3-Dinitrobenzene	3.54	8566548	477.839 ng/mlm
6) T 3,5-Dinitroaniline	3.96	6738120	493.050 ug/L m
7) T Nitrobenzene	4.75	5660103	510.856 ug/L m
8) T Tetryl	6.27	3056454	519.902 ug/L m
9) T 2,4,6-Trinitrotoluene	6.42	6550399	507.302 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.07	5283986	421.533 ug/L m
11) T 4-Amino-2,6-dinitrotoluene	7.40	2983261	485.116 ug/L m
12) T 2,4-Dinitrotoluene	8.06	7563751	453.395 ug/L m
13) T 2,6-Dinitrotoluene	8.46	4003212	539.132 ug/L m
14) T 2-Nitrotoluene	11.56	3541588	503.737 ug/L m
15) T 4-Nitrotoluene	12.27	2847483	518.843 ug/L m
16) T 3-Nitrotoluene	13.51	3468741	512.232 ug/L m
17) T PETN	19.18f	6095943	409.938 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\HL005584.D Vial: 7
 Acq On : 04-Oct-2013, 11:13 Operator: QM
 Sample : HSTDICV0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Oct 7 18:38 2013 Quant Results File: HL100413.RES

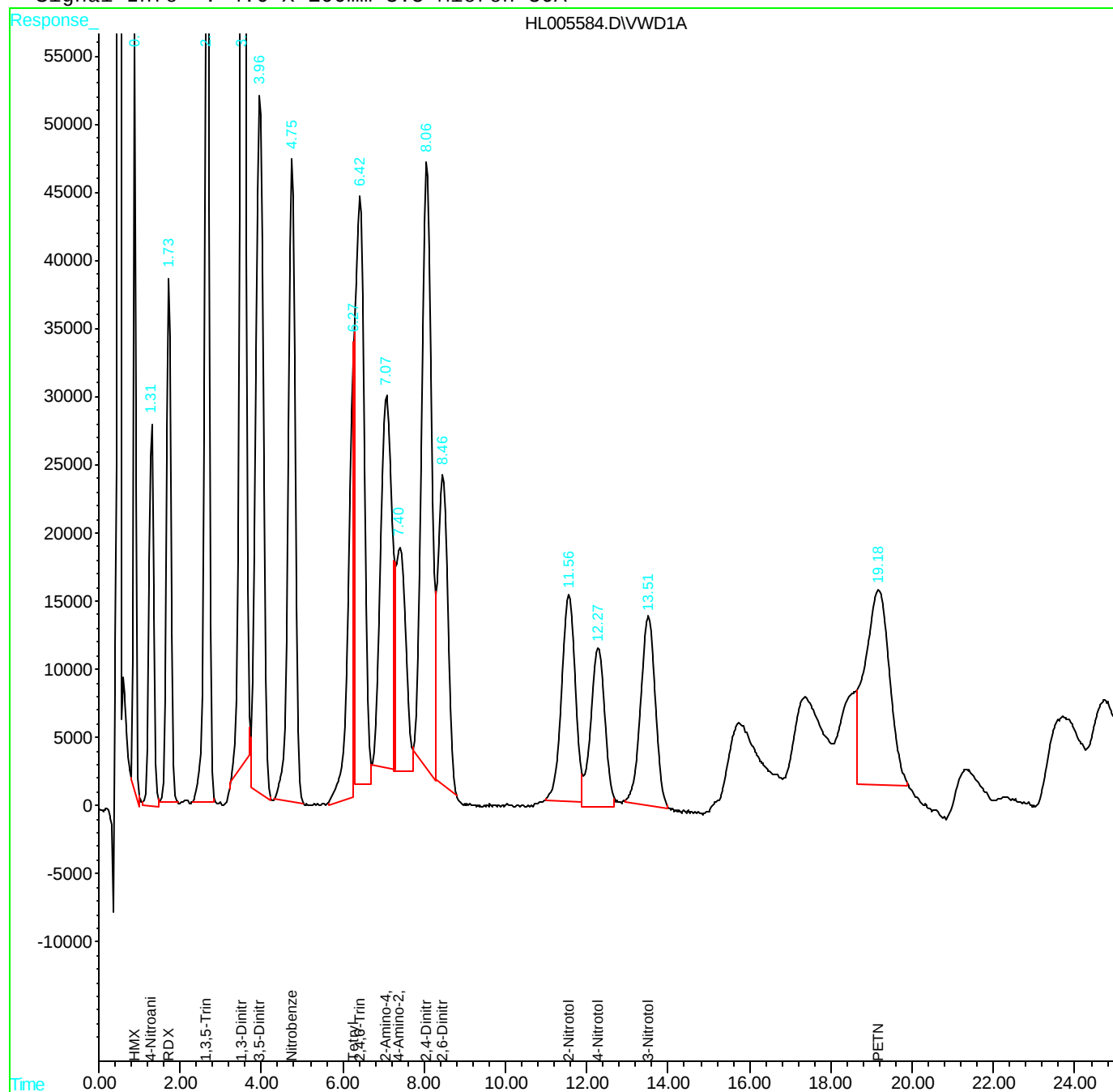
Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL100413

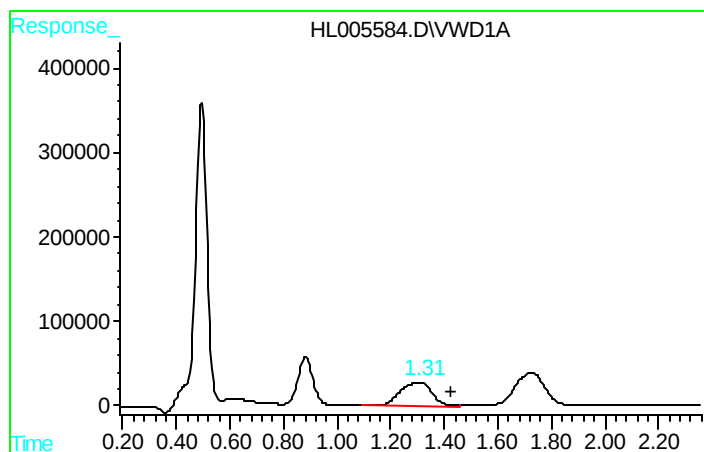
Manual Integrations
 APPROVED

mohammad
 10/9/2013 3:41:48 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





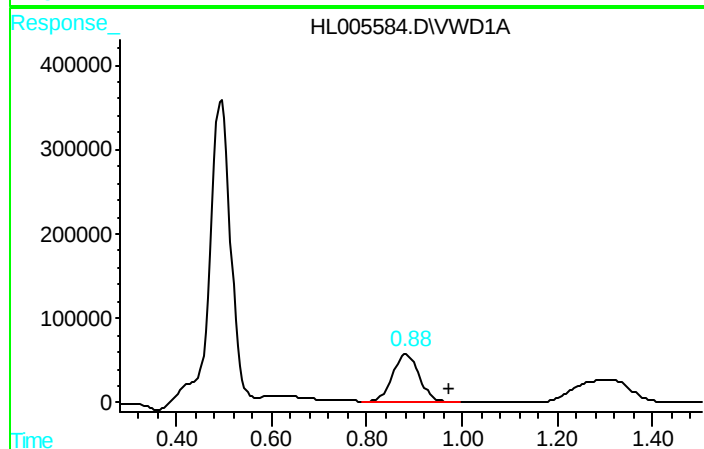
#1 4-Nitroaniline

R.T.: 1.308 min
Delta R.T.: -0.114 min
Response: 2326034
Conc: 505.90 ug/L m

Instrument :
HPLC_L
ClientSampleId :
ICVHL100413

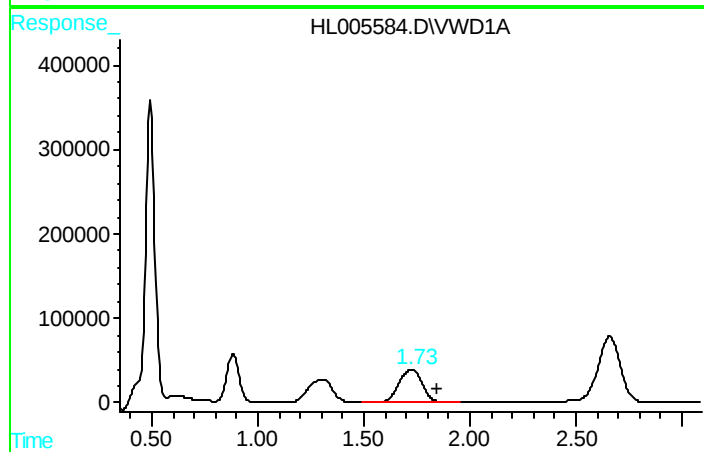
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:48 PM



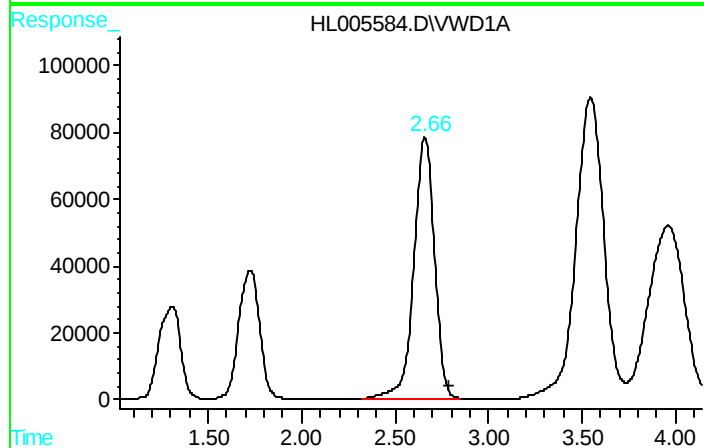
#2 HMX

R.T.: 0.881 min
Delta R.T.: -0.091 min
Response: 2234131
Conc: 502.74 ug/L m



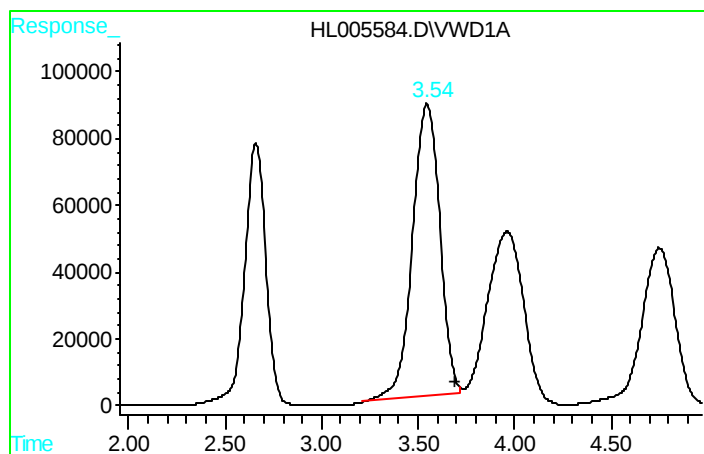
#3 RDX

R.T.: 1.725 min
Delta R.T.: -0.123 min
Response: 3028570
Conc: 527.37 ug/L m



#4 1,3,5-Trinitrobenzene

R.T.: 2.658 min
Delta R.T.: -0.134 min
Response: 6038312
Conc: 512.84 ug/L m



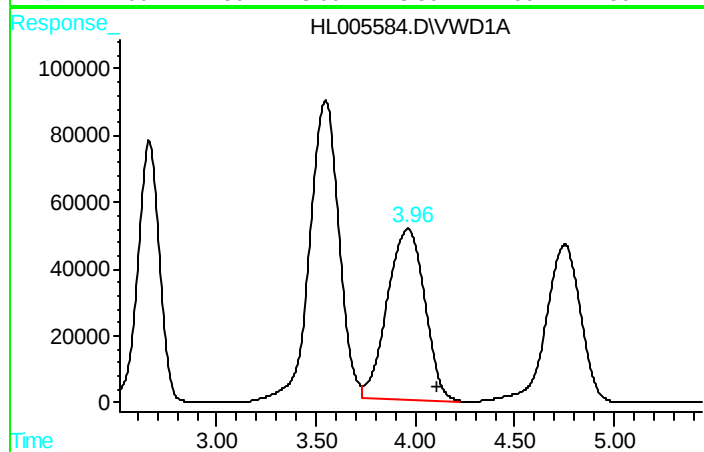
#5 1,3-Dinitrobenzene

R.T.: 3.545 min
Delta R.T.: -0.148 min
Response: 8566548
Conc: 477.84 ng/ml

Instrument :
HPLC_L
ClientSampleId :
ICVHL100413

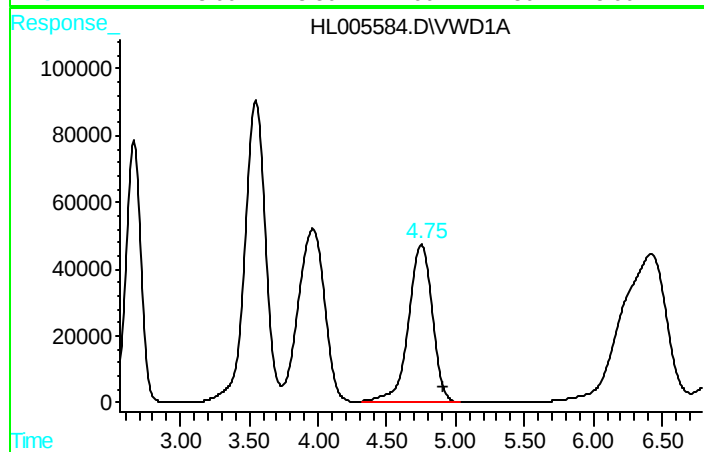
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:48 PM



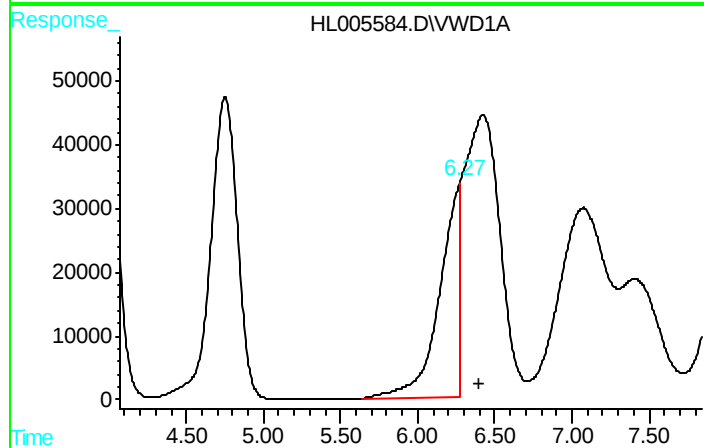
#6 3,5-Dinitroaniline

R.T.: 3.960 min
Delta R.T.: -0.150 min
Response: 6738120
Conc: 493.05 ug/L m



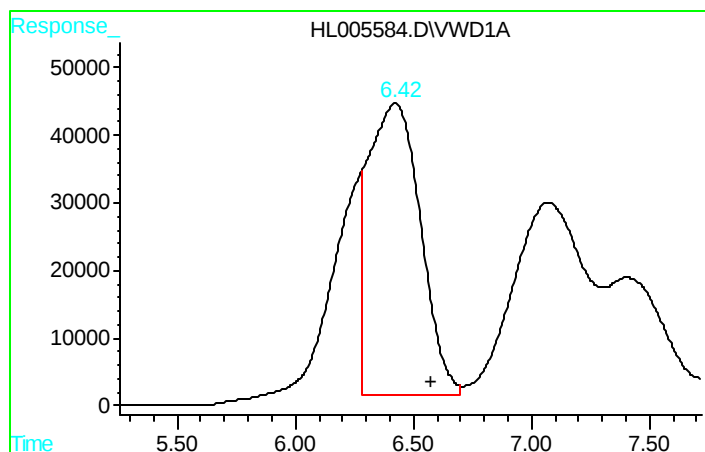
#7 Nitrobenzene

R.T.: 4.750 min
Delta R.T.: -0.152 min
Response: 5660103
Conc: 510.86 ug/L m



#8 Tetryl

R.T.: 6.271 min
Delta R.T.: -0.121 min
Response: 3056454
Conc: 519.90 ug/L m



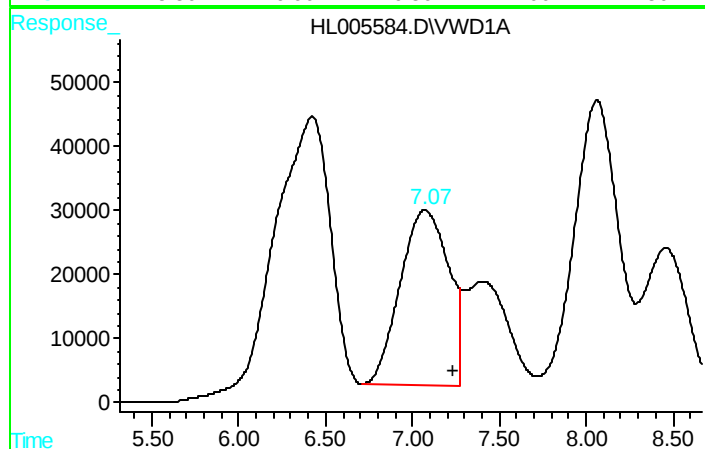
#9 2,4,6-Trinitrotoluene

R.T.: 6.423 min
Delta R.T.: -0.153 min
Response: 6550399
Conc: 507.30 ug/L m

Instrument :
HPLC_L
ClientSampleId :
ICVHL100413

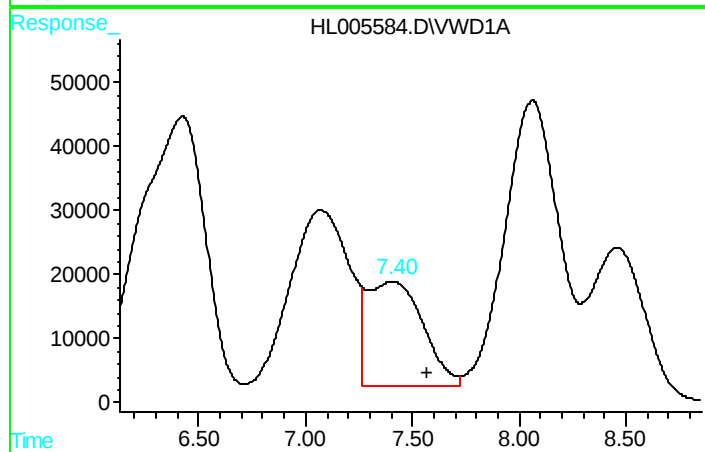
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:48 PM



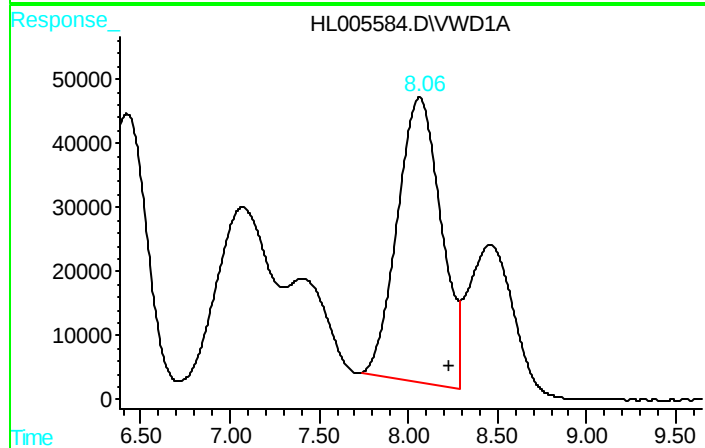
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.070 min
Delta R.T.: -0.162 min
Response: 5283986
Conc: 421.53 ug/L m



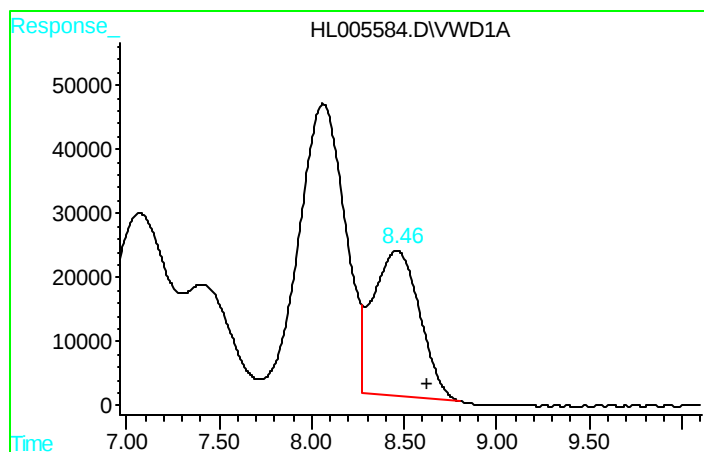
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.403 min
Delta R.T.: -0.166 min
Response: 2983261
Conc: 485.12 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.061 min
Delta R.T.: -0.170 min
Response: 7563751
Conc: 453.40 ug/L m



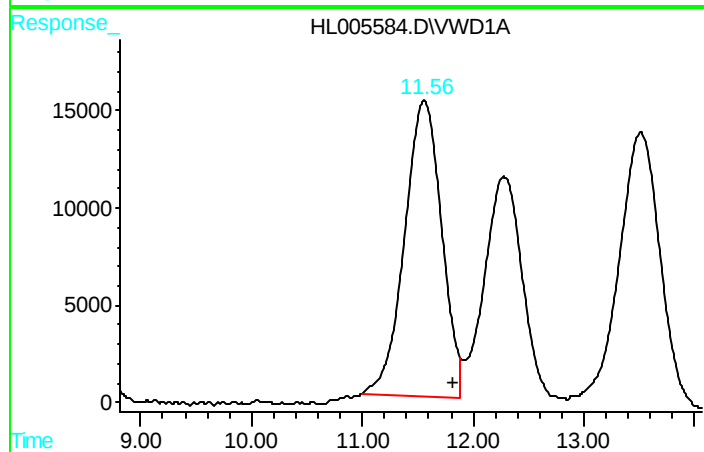
#13 2,6-Dinitrotoluene

R.T.: 8.458 min
Delta R.T.: -0.167 min
Response: 4003212
Conc: 539.13 ug/L m

Instrument :
HPLC_L
ClientSampleId :
ICVHL100413

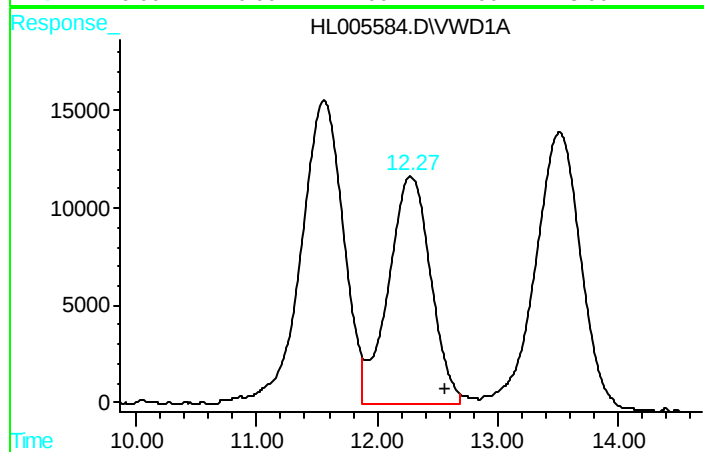
Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:48 PM



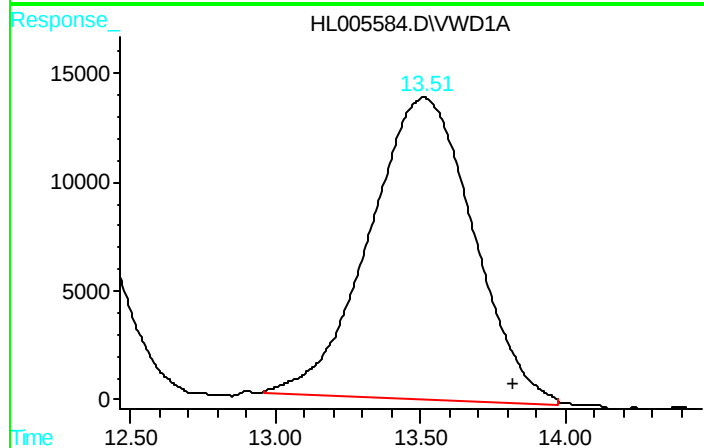
#14 2-Nitrotoluene

R.T.: 11.558 min
Delta R.T.: -0.257 min
Response: 3541588
Conc: 503.74 ug/L m



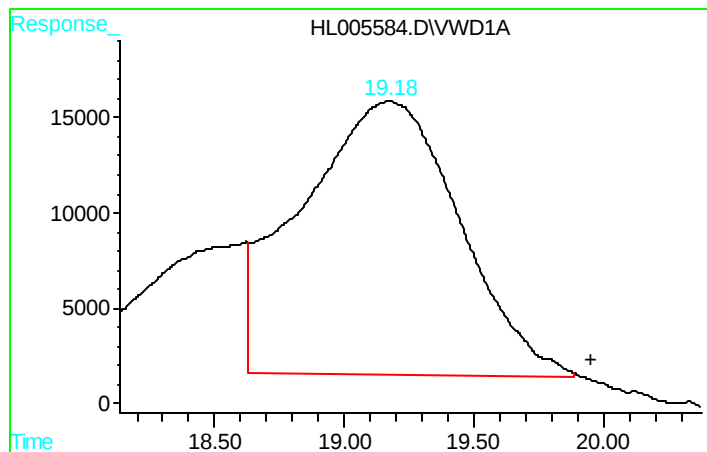
#15 4-Nitrotoluene

R.T.: 12.272 min
Delta R.T.: -0.286 min
Response: 2847483
Conc: 518.84 ug/L m



#16 3-Nitrotoluene

R.T.: 13.514 min
Delta R.T.: -0.306 min
Response: 3468741
Conc: 512.23 ug/L m



#17 PETN

R.T.: 19.176 min
Delta R.T.: -0.778 min
Response: 6095943
Conc: 409.94 ug/L m

Instrument :

HPLC_L

ClientSampleId :

ICVHL100413

Manual Integrations
APPROVED

mohammad
10/9/2013 3:41:48 PM