

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005494.D Vial: 24
 Acq On : 03-Jul-2013, 05:44 Operator: QM
 Sample : E2747-02MS Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 5:32 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 ClientSampleId :
 POLER-SB1-062413MS

Manual Integrations
 APPROVED

QI
 7/3/2013 12:01:07 PM

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	674963	166.664 ug/L
Target Compounds			
2) T HMX	0.90	526036	114.198 ug/L
3) T RDX	1.75	578125	114.575 ug/L
4) T 1,3,5-Trinitrobenzene	2.69	1494436	134.059 ug/L
5) T 1,3-Dinitrobenzene	3.57	2250936	144.066 ng/ml
6) T 3,5-Dinitroaniline	3.96	1976107	141.470 ug/L
7) T Nitrobenzene	4.82	1494366	150.127 ug/L
8) T Tetryl	6.41	822221	129.355 ug/L m
9) T 2,4,6-Trinitrotoluene	6.60	1535650	130.782 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.19	1492278	126.927 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.57	927221	147.769 ug/L
12) T 2,4-Dinitrotoluene	8.28	2047590	136.798 ug/L
13) T 2,6-Dinitrotoluene	8.70	1117885	133.637 ug/L
14) T 2-Nitrotoluene	11.93	921344	144.348 ug/L
15) T 4-Nitrotoluene	12.70	786556	145.796 ug/L
16) T 3-Nitrotoluene	14.03	938740	135.082 ug/L
17) T PETN	19.62	4145053	438.082 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 : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005494.D Vial: 24
Acq On : 03-Jul-2013, 05:44 Operator: QM
Sample : E2747-02MS Inst : G1314A
Misc : Multiplr: 1.00
IntFile : autoint1.e
Quant Time: Jul 3 5:32 2013 Quant Results File: HL070213.RES

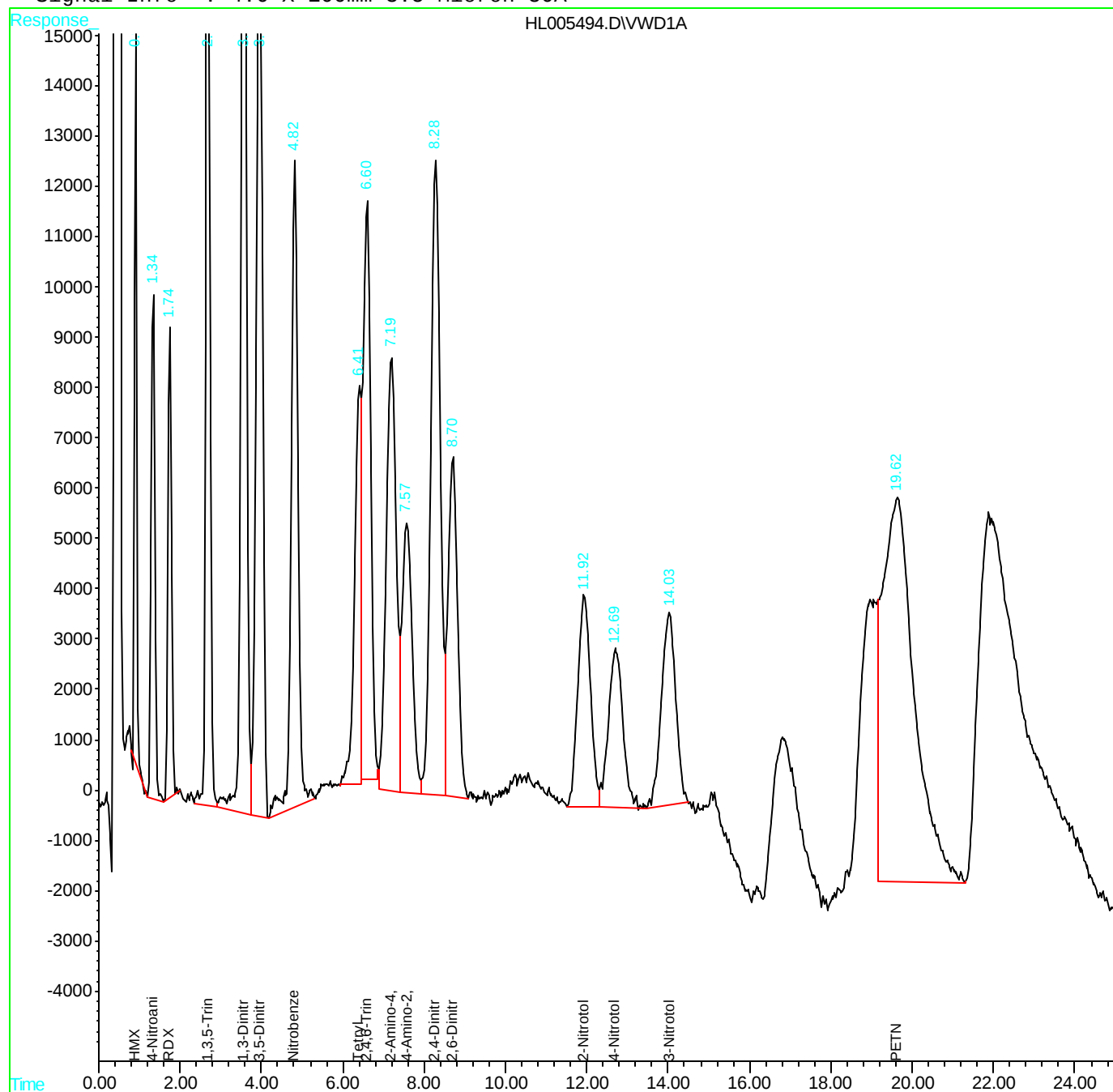
Instrument :
HPLC_L
ClientSampleId :
POLER-SB1-062413MS

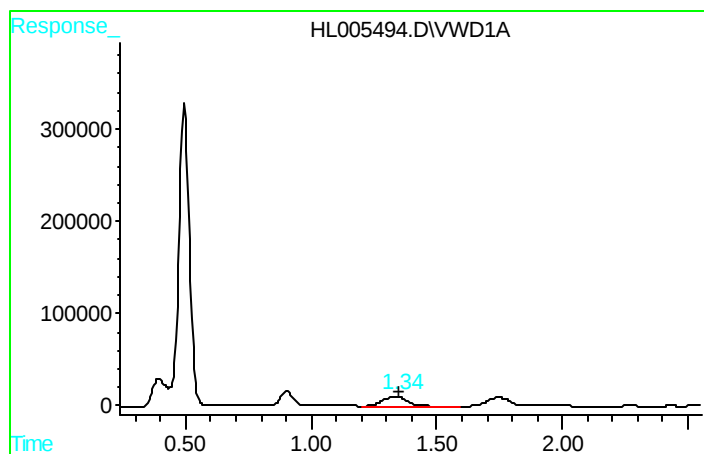
Manual Integrations
APPROVED

QI
7/3/2013 12:01:07 PM

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





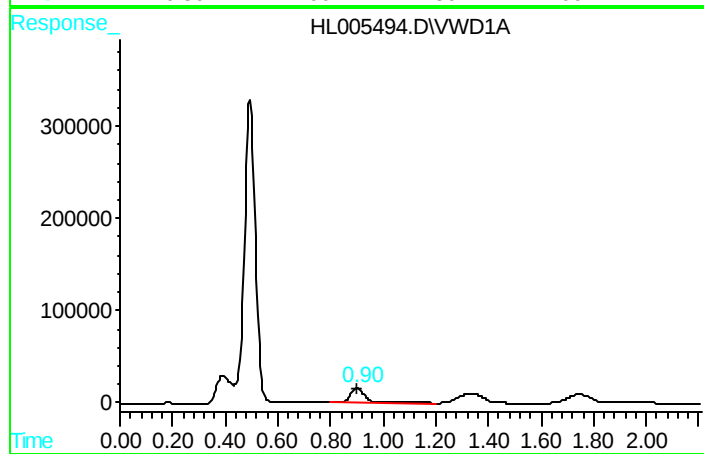
#1 4-Nitroaniline

R.T.: 1.336 min
Delta R.T.: -0.016 min
Response: 674963
Conc: 166.66 ug/L

Instrument :
HPLC_L
ClientSampleId :
POLER-SB1-062413MS

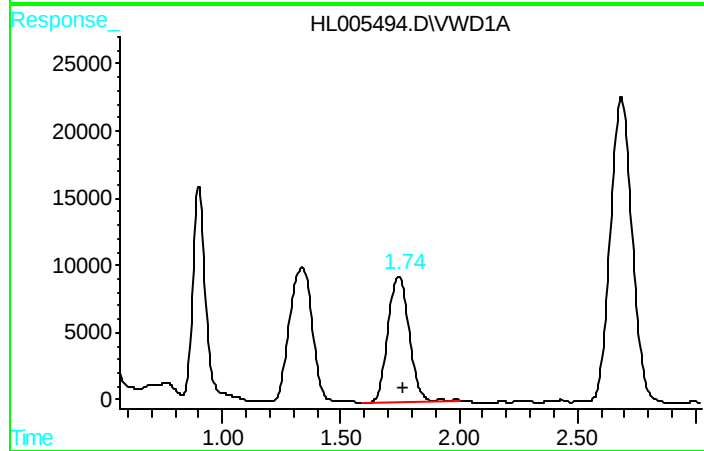
Manual Integrations
APPROVED

QI
7/3/2013 12:01:07 PM



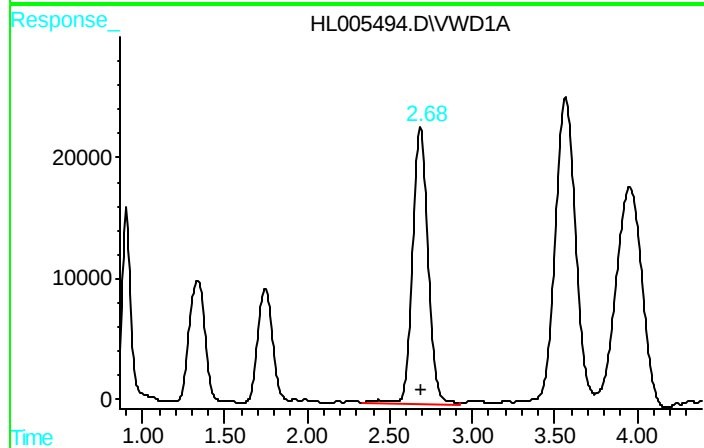
#2 HMX

R.T.: 0.903 min
Delta R.T.: 0.000 min
Response: 526036
Conc: 114.20 ug/L



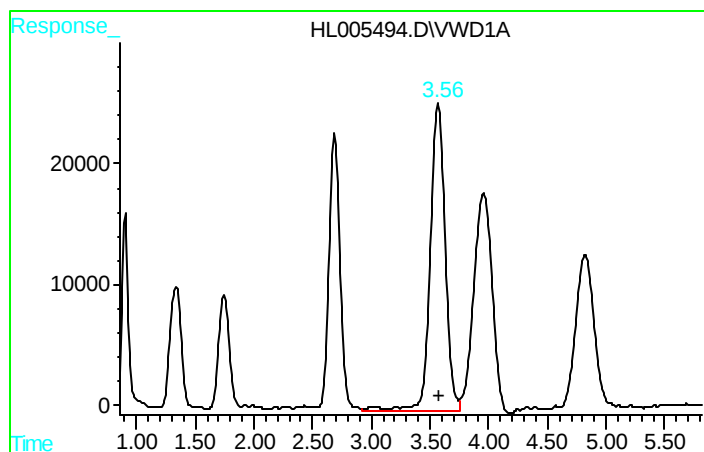
#3 RDX

R.T.: 1.746 min
Delta R.T.: -0.015 min
Response: 578125
Conc: 114.58 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.686 min
Delta R.T.: -0.008 min
Response: 1494436
Conc: 134.06 ug/L



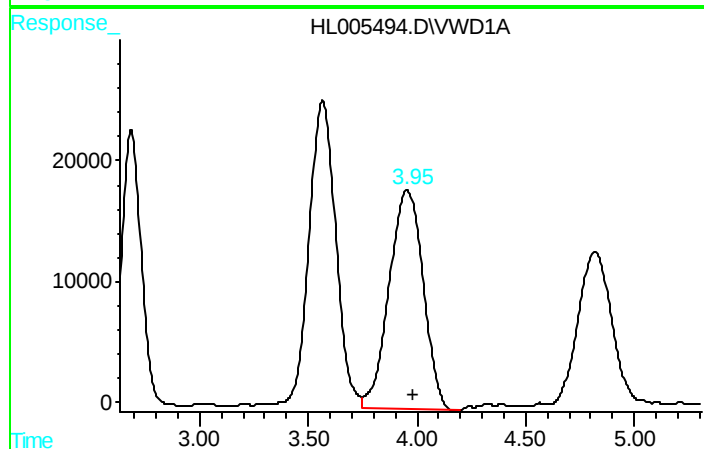
#5 1,3-Dinitrobenzene

R.T.: 3.567 min
Delta R.T.: -0.017 min
Response: 2250936
Conc: 144.07 ng/ml

Instrument :
HPLC_L
ClientSampleId :
POLER-SB1-062413MS

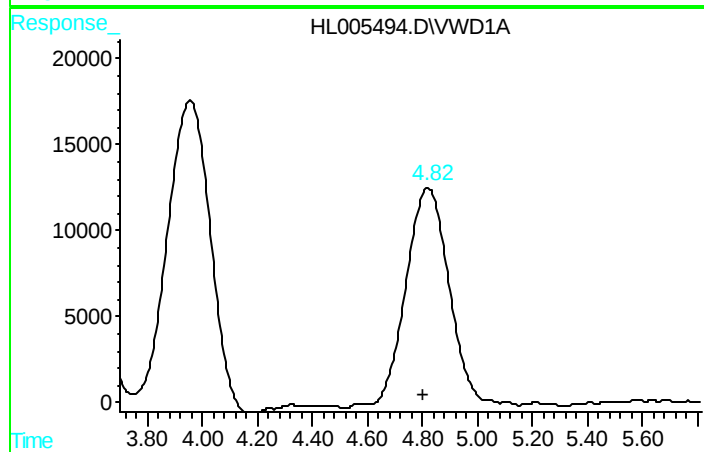
Manual Integrations
APPROVED

QI
7/3/2013 12:01:07 PM



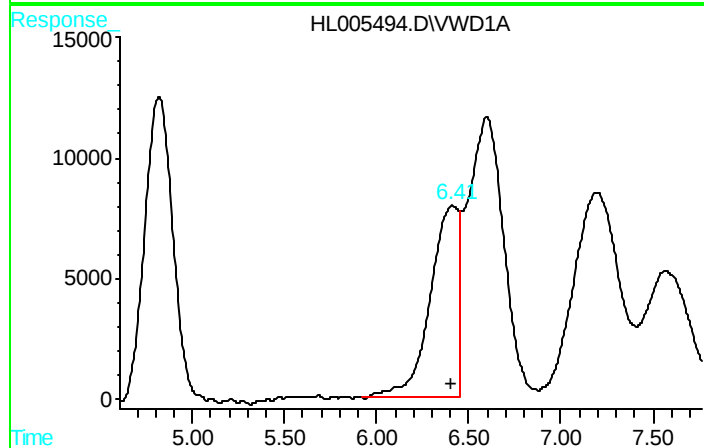
#6 3,5-Dinitroaniline

R.T.: 3.956 min
Delta R.T.: -0.026 min
Response: 1976107
Conc: 141.47 ug/L



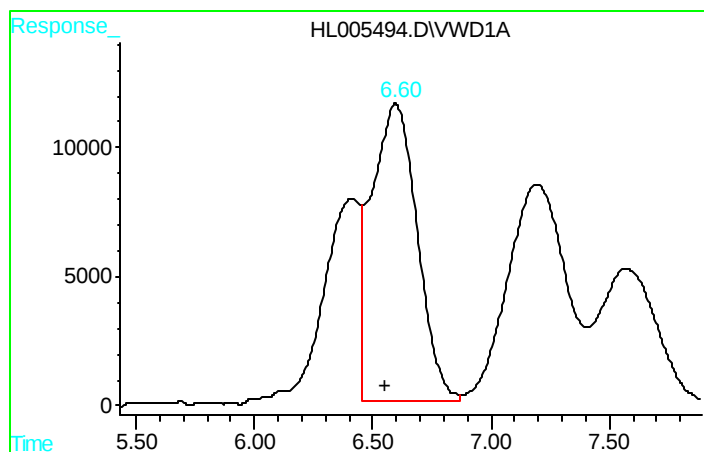
#7 Nitrobenzene

R.T.: 4.819 min
Delta R.T.: 0.017 min
Response: 1494366
Conc: 150.13 ug/L



#8 Tetryl

R.T.: 6.408 min
Delta R.T.: 0.008 min
Response: 822221
Conc: 129.35 ug/L m



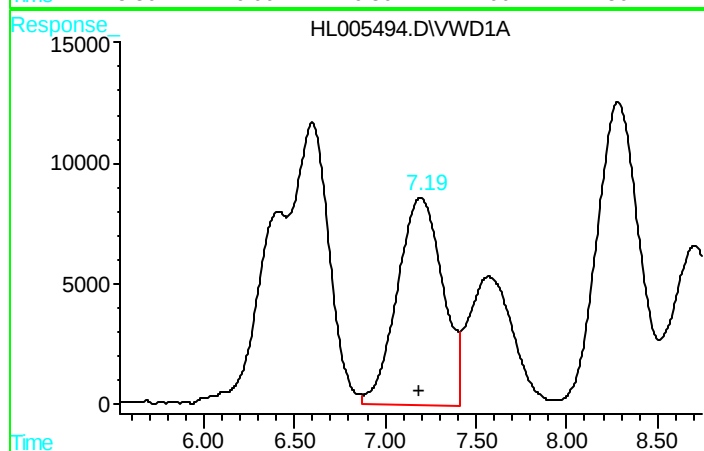
#9 2,4,6-Trinitrotoluene

R.T.: 6.595 min
Delta R.T.: 0.044 min
Response: 1535650
Conc: 130.78 ug/L m

Instrument :
HPLC_L
ClientSampleId :
POLER-SB1-062413MS

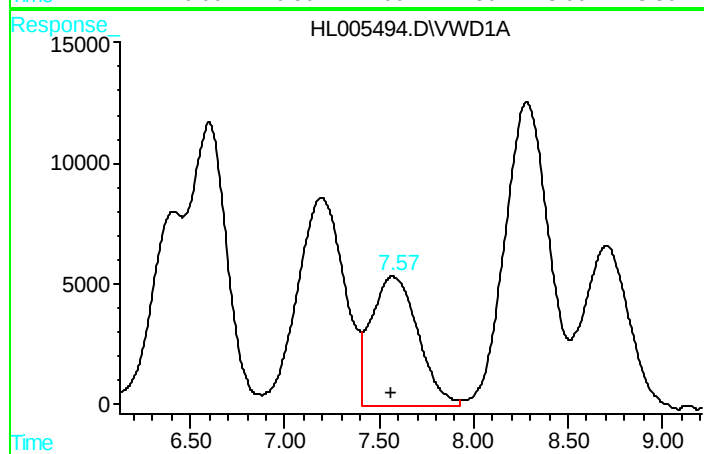
Manual Integrations
APPROVED

QI
7/3/2013 12:01:07 PM



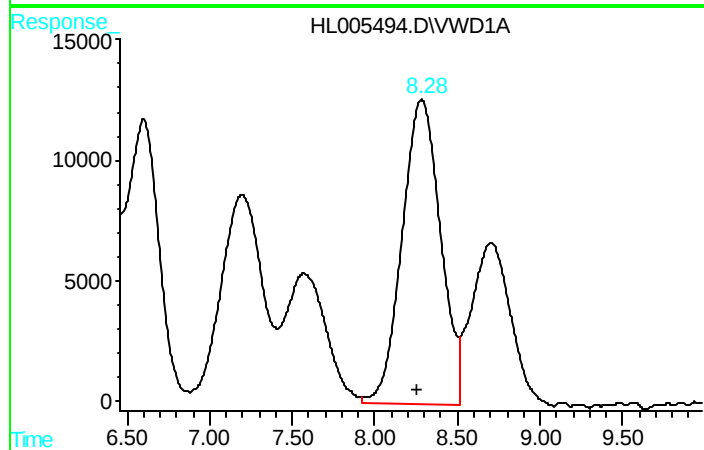
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.194 min
Delta R.T.: 0.004 min
Response: 1492278
Conc: 126.93 ug/L



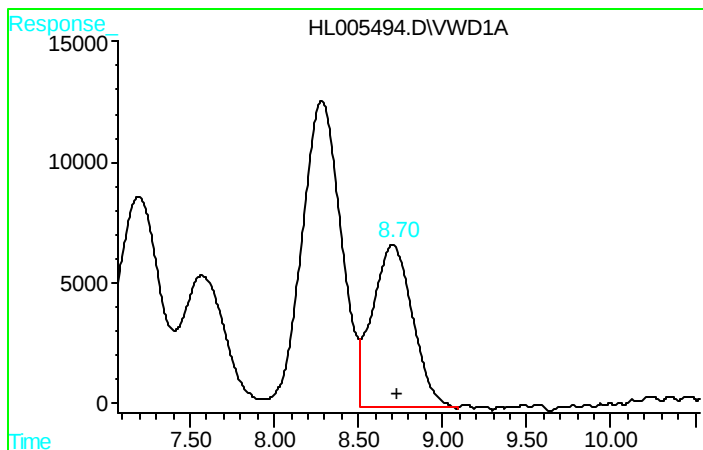
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.570 min
Delta R.T.: 0.010 min
Response: 927221
Conc: 147.77 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.282 min
Delta R.T.: 0.032 min
Response: 2047590
Conc: 136.80 ug/L



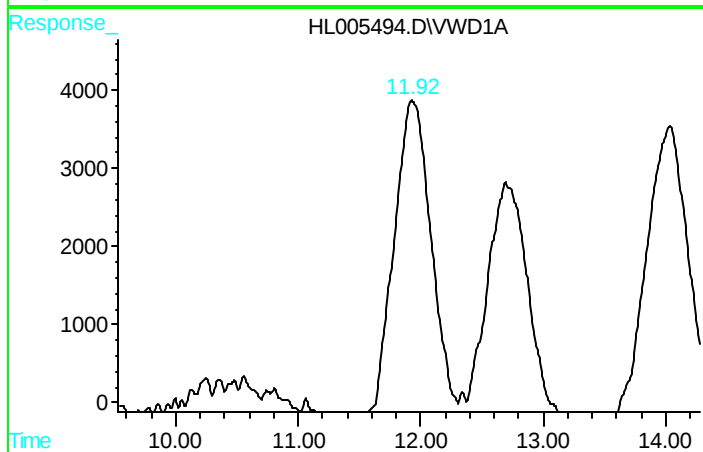
#13 2,6-Dinitrotoluene

R.T.: 8.704 min
Delta R.T.: -0.026 min
Response: 1117885
Conc: 133.64 ug/L

Instrument :
HPLC_L
ClientSampleId :
POLER-SB1-062413MS

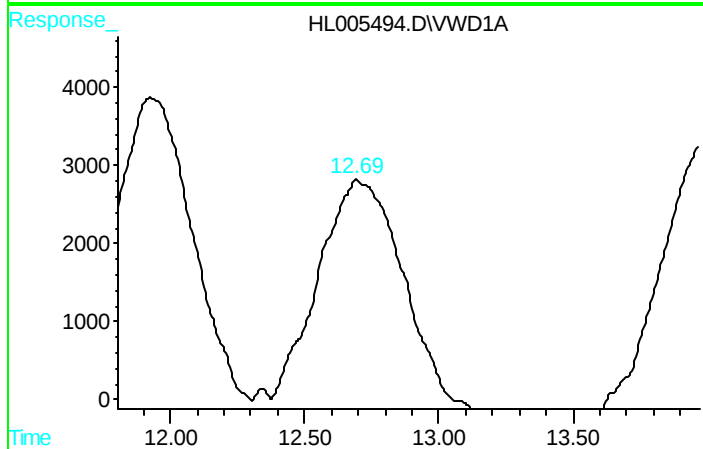
Manual Integrations
APPROVED

QI
7/3/2013 12:01:07 PM



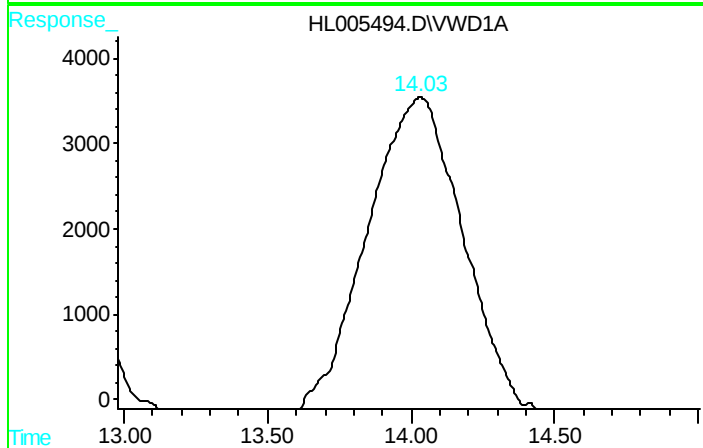
#14 2-Nitrotoluene

R.T.: 11.932 min
Delta R.T.: -0.028 min
Response: 921344
Conc: 144.35 ug/L



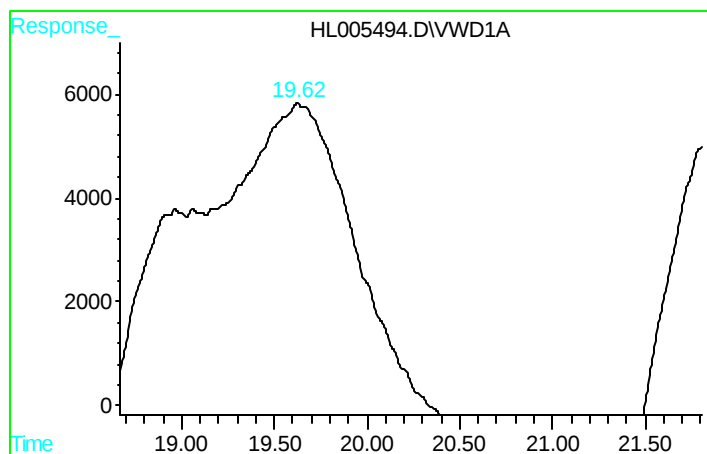
#15 4-Nitrotoluene

R.T.: 12.700 min
Delta R.T.: -0.030 min
Response: 786556
Conc: 145.80 ug/L



#16 3-Nitrotoluene

R.T.: 14.032 min
Delta R.T.: 0.052 min
Response: 938740
Conc: 135.08 ug/L



#17 PETN

R.T.: 19.622 min
Delta R.T.: 0.022 min
Response: 4145053
Conc: 438.08 ug/L m

Instrument :
HPLC_L
ClientSampleId :
POLER-SB1-062413MS

Manual Integrations
APPROVED

QI
7/3/2013 12:01:07 PM