

Data File : S:\HPCHEM1\HPLC_L\DATA\HL070213\HL005490.D Vial: 1
 Acq On : 03-Jul-2013, 03:56 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 3:37 2013 Quant Results File: HL070213.RES

Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

Manual Integrations
 APPROVED

QI
 7/3/2013 12:01:13 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	1.35	2152975	531.618 ug/L
Target Compounds			
2) T HMX	0.91	2229334	483.969 ug/L m
3) T RDX	1.76	2642575	523.718 ug/L
4) T 1,3,5-Trinitrobenzene	2.71	5707297	511.975 ug/L
5) T 1,3-Dinitrobenzene	3.61	8251589	528.124 ng/ml
6) T 3,5-Dinitroaniline	4.00	6873000	492.041 ug/L
7) T Nitrobenzene	4.84	4996762	501.984 ug/L
8) T Tetryl	6.42	2992281	470.756 ug/L m
9) T 2,4,6-Trinitrotoluene	6.61	6562844	558.918 ug/L m
10) T 2-Amino-4,6-dinitrotoluene	7.19	5558509	472.785 ug/L
11) T 4-Amino-2,6-dinitrotoluene	7.57	3275895	506.212 ug/L
12) T 2,4-Dinitrotoluene	8.27	7855560	524.824 ug/L
13) T 2,6-Dinitrotoluene	8.70	4203362	502.489 ug/L
14) T 2-Nitrotoluene	11.96	3383451	530.091 ug/L
15) T 4-Nitrotoluene	12.72	2747249	509.229 ug/L
16) T 3-Nitrotoluene	14.03	3419072	491.995 ug/L
17) T PETN	19.72	4162587	440.122 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\HL005490.D Vial: 1
 Acq On : 03-Jul-2013, 03:56 Operator: QM
 Sample : HSTDCCC0500 Inst : G1314A
 Misc : Multiplr: 1.00
 IntFile : autoint1.e
 Quant Time: Jul 3 3:37 2013 Quant Results File: HL070213.RES

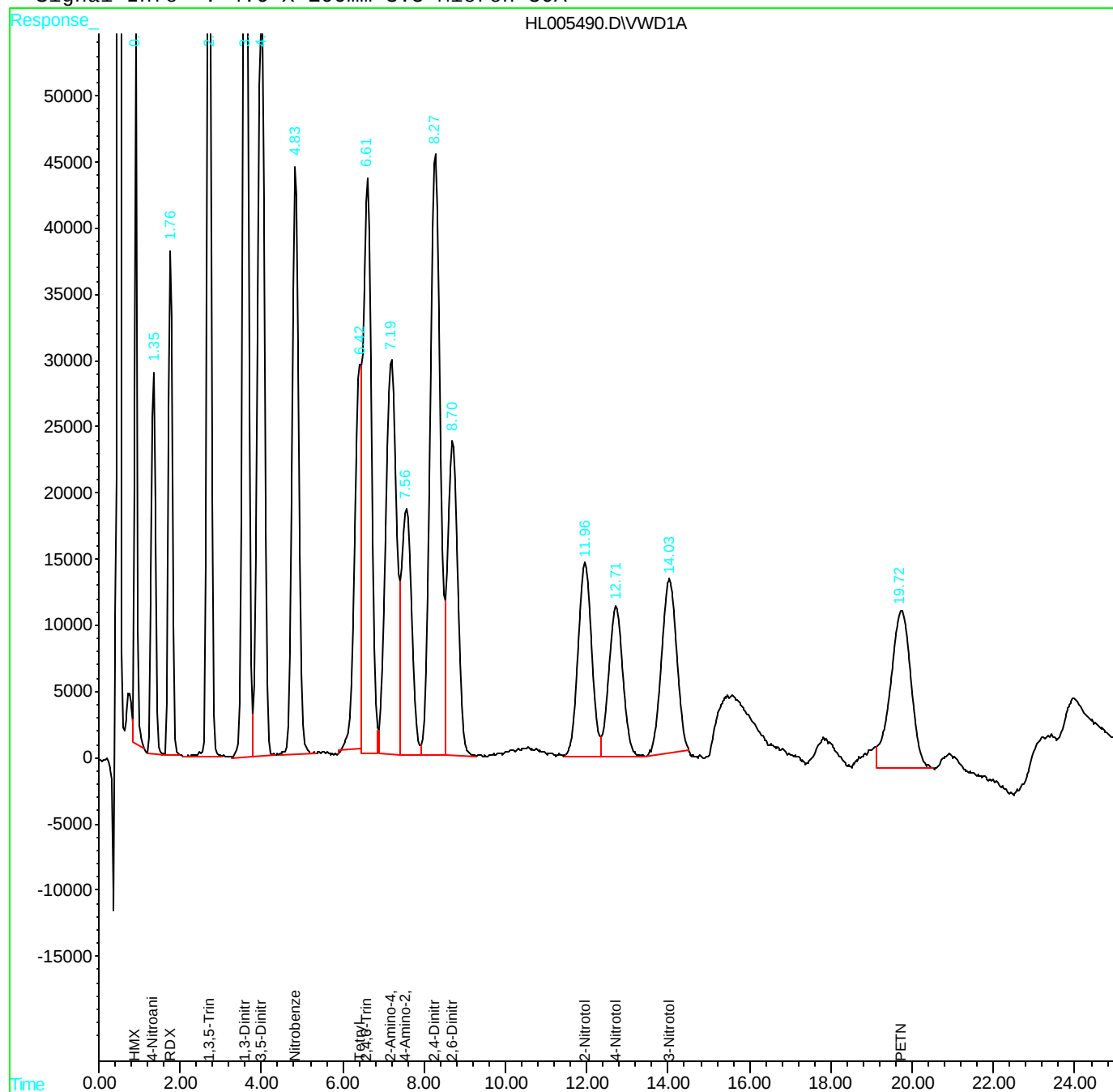
Instrument :
 HPLC_L
 LabSampleId :
 HSTDCCC0500

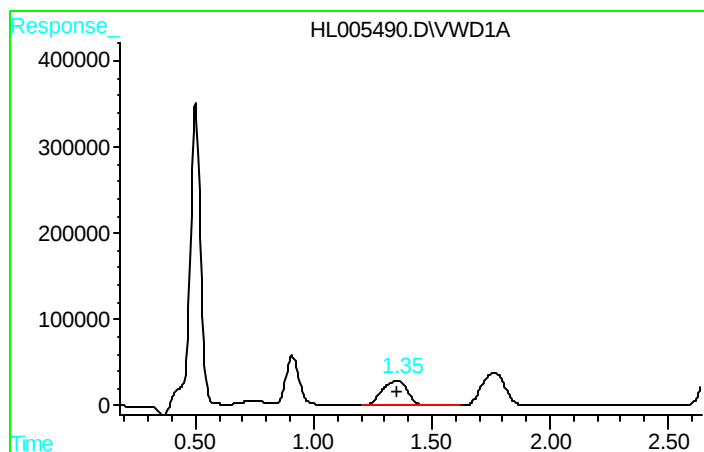
Manual Integrations
 APPROVED

QI
 7/3/2013 12:01:13 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





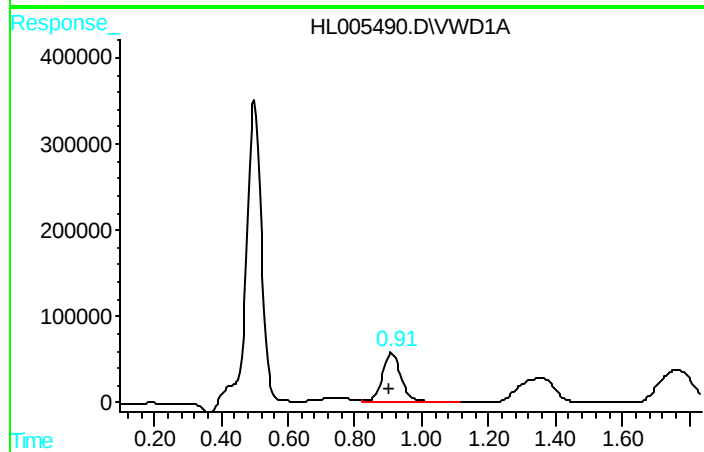
#1 4-Nitroaniline

R.T.: 1.352 min
Delta R.T.: 0.000 min
Response: 2152975
Conc: 531.62 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

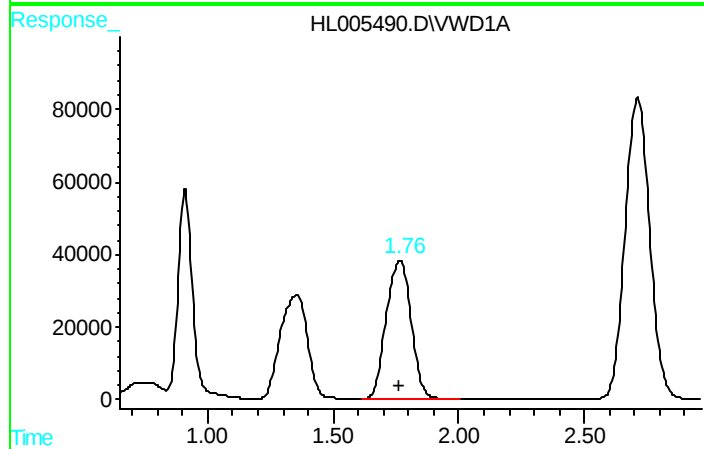
Manual Integrations
APPROVED

QI
7/3/2013 12:01:13 PM



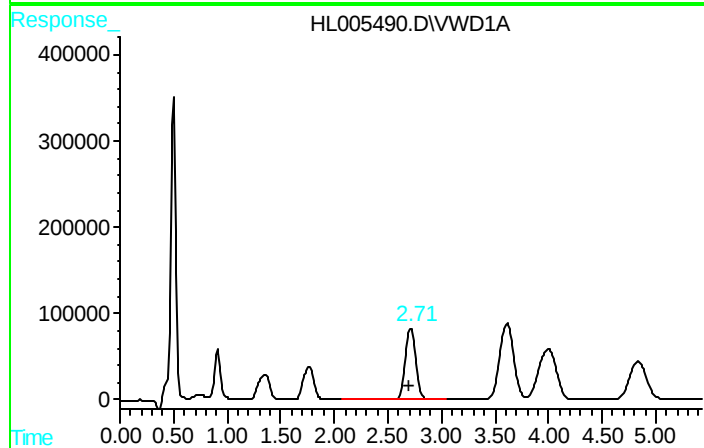
#2 HMX

R.T.: 0.909 min
Delta R.T.: 0.006 min
Response: 2229334
Conc: 483.97 ug/L m



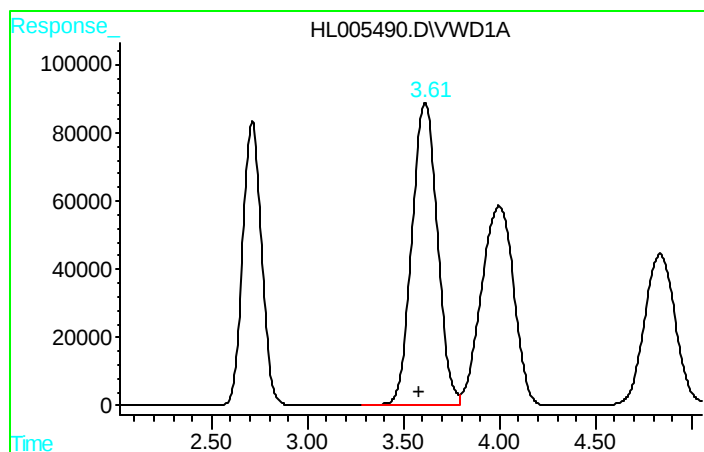
#3 RDX

R.T.: 1.765 min
Delta R.T.: 0.003 min
Response: 2642575
Conc: 523.72 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.713 min
Delta R.T.: 0.019 min
Response: 5707297
Conc: 511.98 ug/L



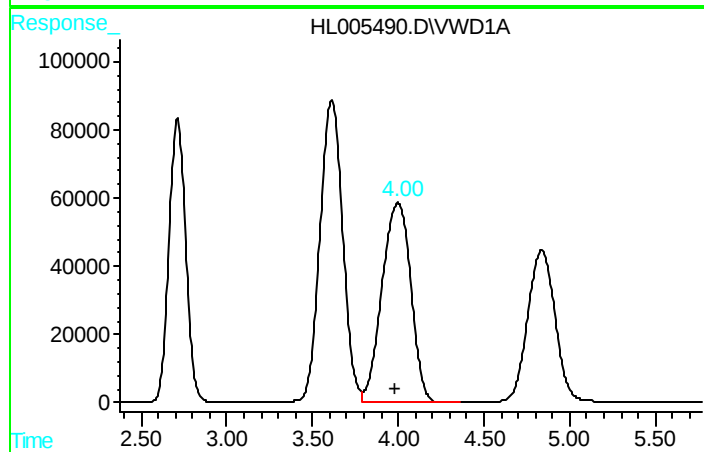
#5 1,3-Dinitrobenzene

R.T.: 3.613 min
Delta R.T.: 0.029 min
Response: 8251589
Conc: 528.12 ng/ml

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

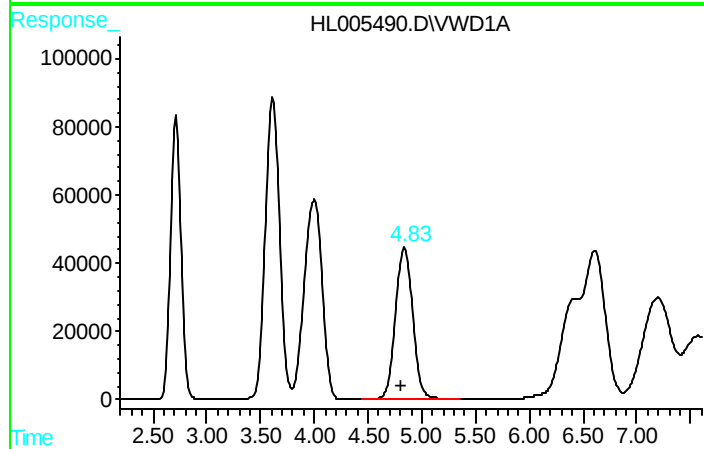
Manual Integrations
APPROVED

QI
7/3/2013 12:01:13 PM



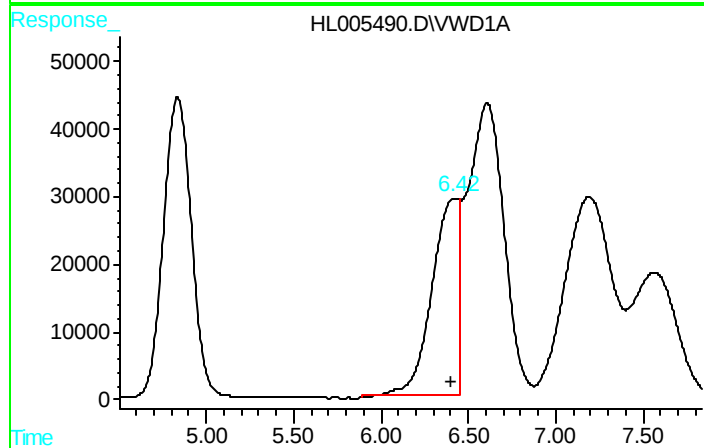
#6 3,5-Dinitroaniline

R.T.: 3.998 min
Delta R.T.: 0.016 min
Response: 6873000
Conc: 492.04 ug/L



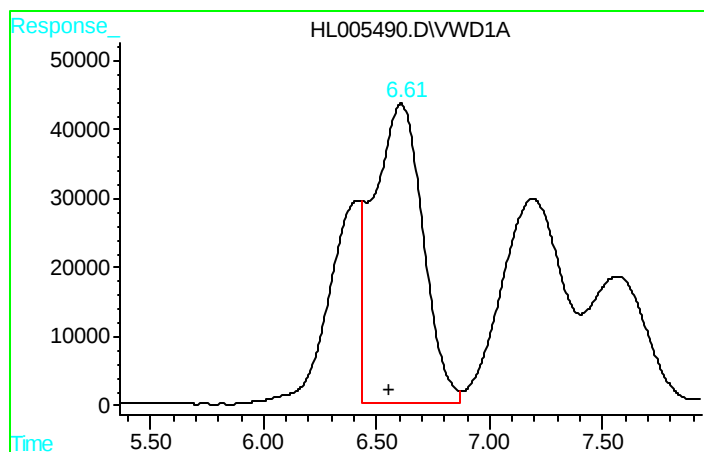
#7 Nitrobenzene

R.T.: 4.837 min
Delta R.T.: 0.034 min
Response: 4996762
Conc: 501.98 ug/L



#8 Tetryl

R.T.: 6.415 min
Delta R.T.: 0.015 min
Response: 2992281
Conc: 470.76 ug/L m



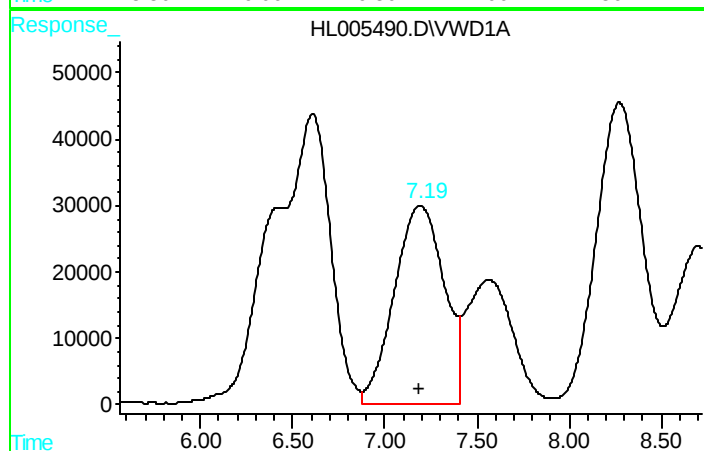
#9 2,4,6-Trinitrotoluene

R.T.: 6.607 min
Delta R.T.: 0.056 min
Response: 6562844
Conc: 558.92 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

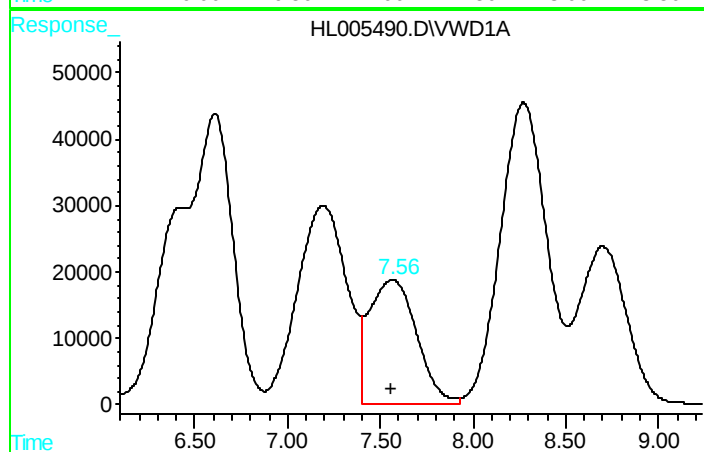
Manual Integrations
APPROVED

QI
7/3/2013 12:01:13 PM



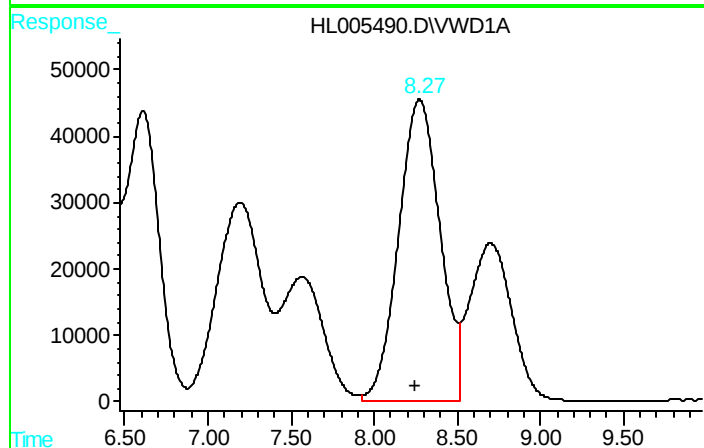
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.193 min
Delta R.T.: 0.003 min
Response: 5558509
Conc: 472.78 ug/L



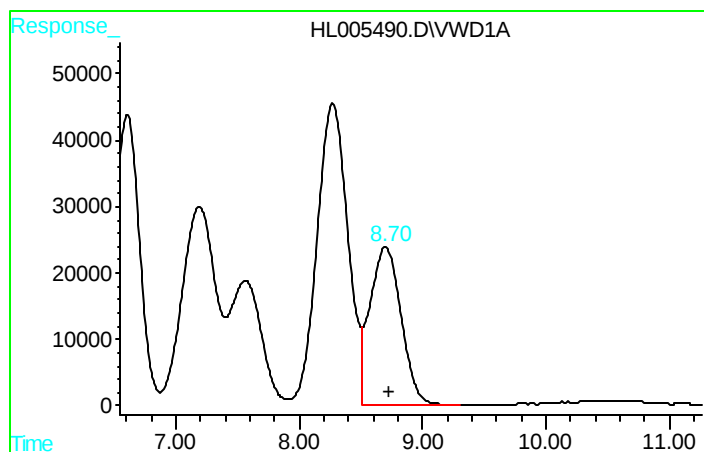
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.566 min
Delta R.T.: 0.006 min
Response: 3275895
Conc: 506.21 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.273 min
Delta R.T.: 0.022 min
Response: 7855560
Conc: 524.82 ug/L



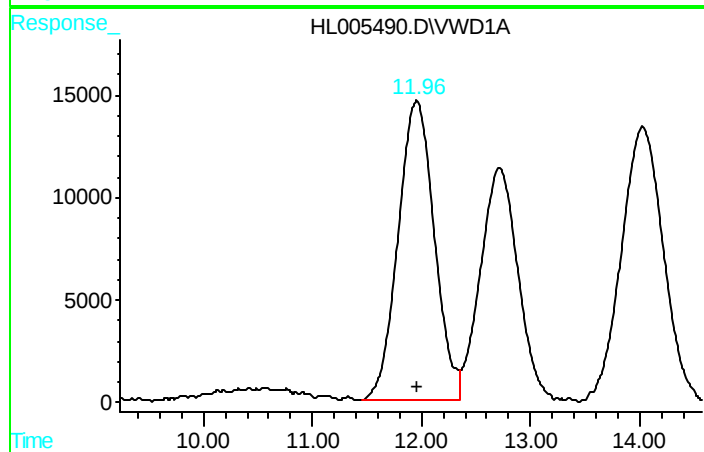
#13 2,6-Dinitrotoluene

R.T.: 8.700 min
Delta R.T.: -0.030 min
Response: 4203362
Conc: 502.49 ug/L

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

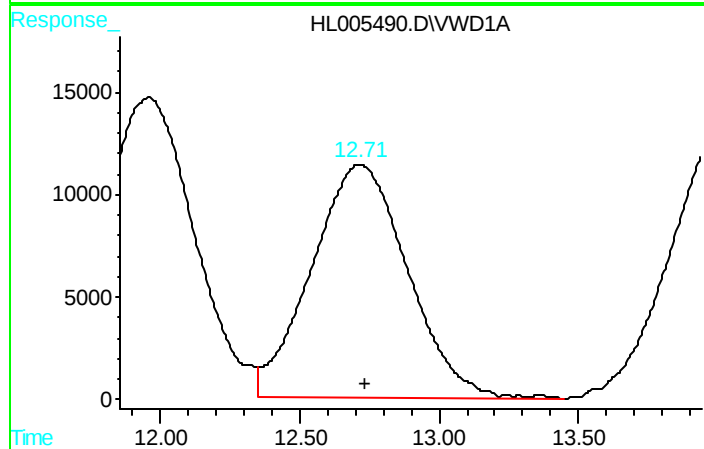
Manual Integrations
APPROVED

QI
7/3/2013 12:01:13 PM



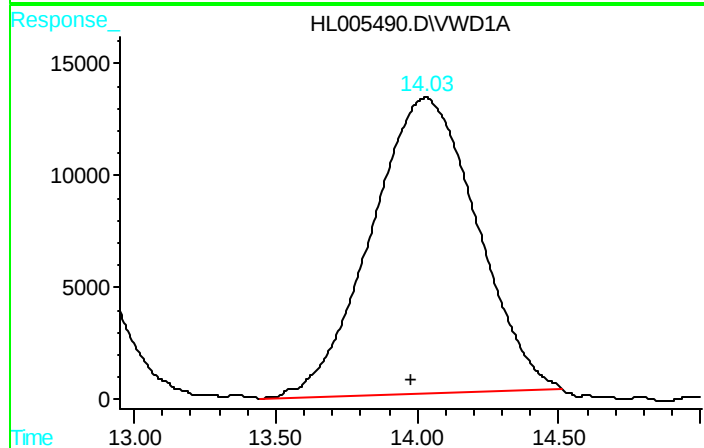
#14 2-Nitrotoluene

R.T.: 11.957 min
Delta R.T.: -0.003 min
Response: 3383451
Conc: 530.09 ug/L



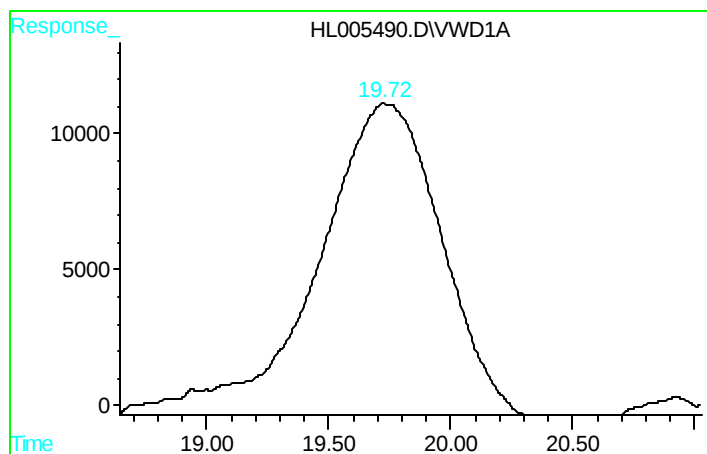
#15 4-Nitrotoluene

R.T.: 12.716 min
Delta R.T.: -0.014 min
Response: 2747249
Conc: 509.23 ug/L



#16 3-Nitrotoluene

R.T.: 14.030 min
Delta R.T.: 0.050 min
Response: 3419072
Conc: 492.00 ug/L



#17 PETN

R.T.: 19.719 min
Delta R.T.: 0.119 min
Response: 4162587
Conc: 440.12 ug/L m

Instrument :
HPLC_L
LabSampleId :
HSTDCCC0500

Manual Integrations
APPROVED

QI
7/3/2013 12:01:13 PM