

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060413\
 Data File : HL005356.D
 Signal(s) : VWD1A.CH
 Acq On : 04-Jun-2013, 13:17
 Operator : QM
 Sample : TEST-1
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 TEST-1

Manual Integrations
 APPROVED

AHPatel
 6/7/2013 3:59:37 AM

Integration File: autoint1.e
 Quant Time: Jun 07 02:35:15 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL053013.M
 Quant Title :
 QLast Update : Fri May 31 16:54:32 2013
 Response via : Initial Calibration
 Integrator: ChemStation

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	1.364	675965	162.386 ug/L
Target Compounds			
2) T HMX	0.925	969546	222.966 ug/L
3) T RDX	1.776	1609691	311.725 ug/L
4) T 1,3,5-Trinitrobenzene	2.730	1776916	162.275 ug/L m
5) T 1,3-Dinitrobenzene	3.627	2909288	181.288 ng/mlm
6) T 3,5-Dinitroaniline	3.985	2639474	194.492 ug/L m
7) T Nitrobenzene	4.857	1838879	183.254 ug/L m
8) T Tetryl	6.383	887457	121.935 ug/L m
9) T 2,4,6-Trinitrotoluene	6.653	2820216	239.095 ug/L
10) T 2-Amino-4,6-dinitroto...	7.212	2604258	221.810 ug/L m
11) T 4-Amino-2,6-dinitroto...	7.603	1411017	224.597 ug/L m
12) T 2,4-Dinitrotoluene	8.375	3331447	211.203 ug/L
13) T 2,6-Dinitrotoluene	8.802	1868518	221.448 ug/L
14) T 2-Nitrotoluene	12.076	1434969	216.054 ug/L m
15) T 4-Nitrotoluene	12.845	1098916	200.908 ug/L m
16) T 3-Nitrotoluene	14.160	1483107	211.640 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060413\
Data File : HL005356.D
Signal(s) : VWD1A.CH
Acq On : 04-Jun-2013, 13:17
Operator : QM
Sample : TEST-1
Misc :
ALS Vial : 2 Sample Multiplier: 1

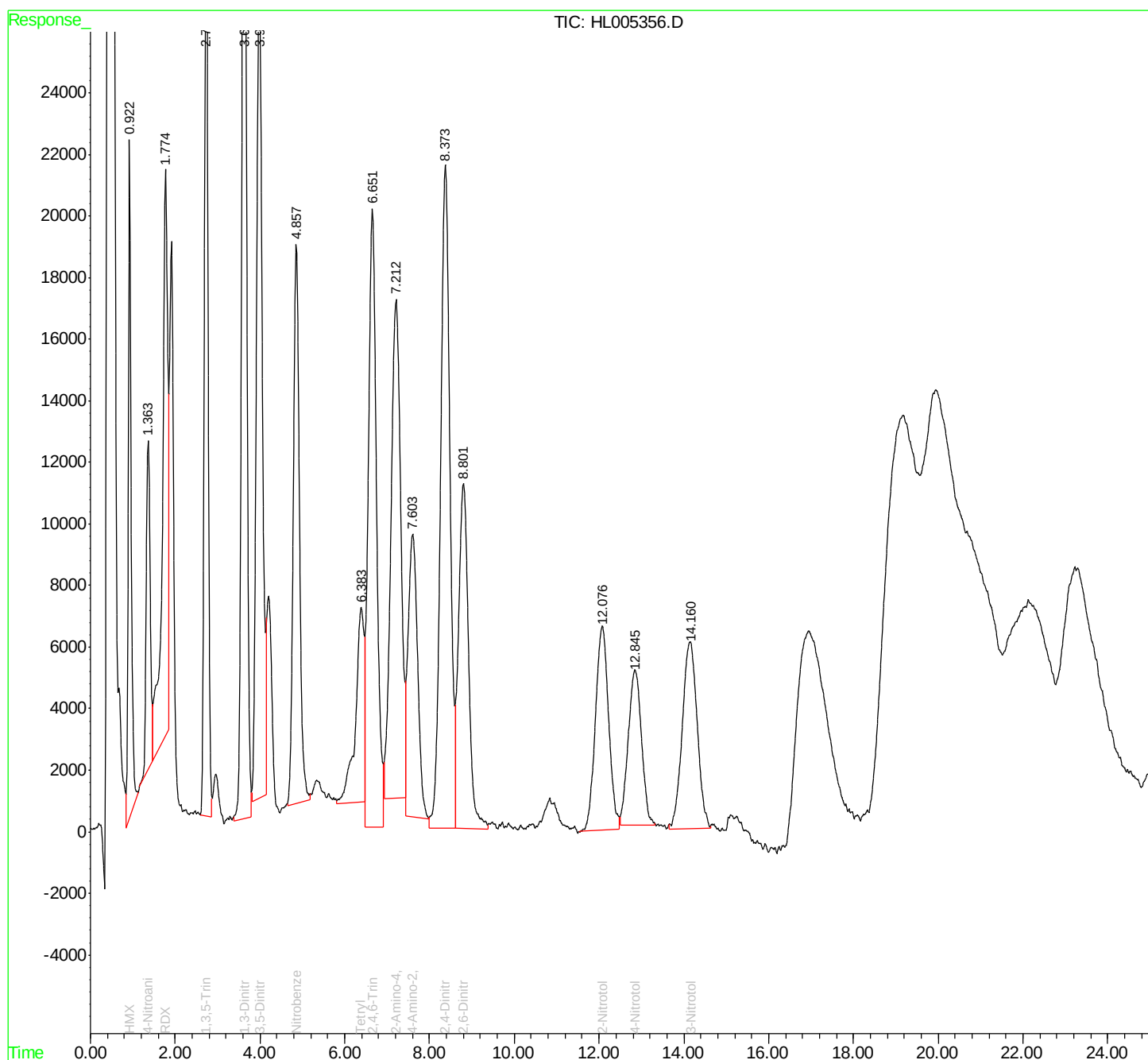
Instrument :
HPLC_L
ClientSampled :
TEST-1

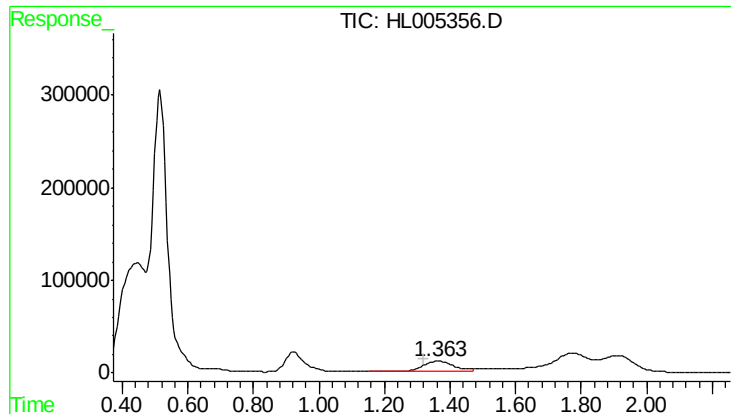
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:37 AM

Integration File: autoint1.e
Quant Time: Jun 07 02:35:15 2013
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL053013.M
Quant Title :
QLast Update : Fri May 31 16:54:32 2013
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 50 ul
Signal Phase : ZORBAX Extend-C18
Signal Info : 4.6 X 100mm 3.5-Micron 80A





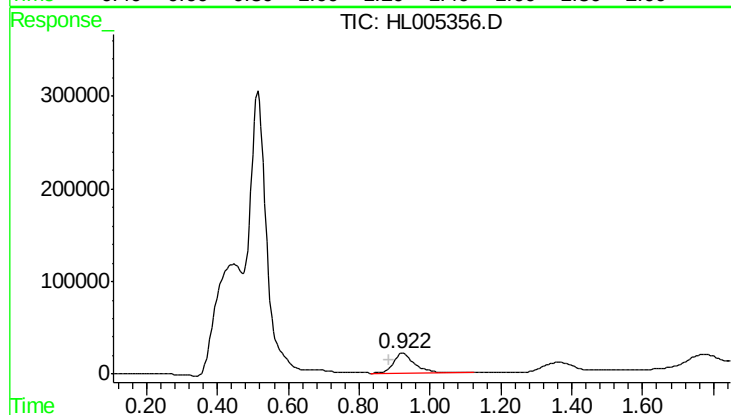
#1 4-Nitroaniline

R.T.: 1.364 min
Delta R.T.: 0.045 min
Response: 675965
Conc: 162.39 ug/L

Instrument :
HPLC_L
ClientSampleId :
TEST-1

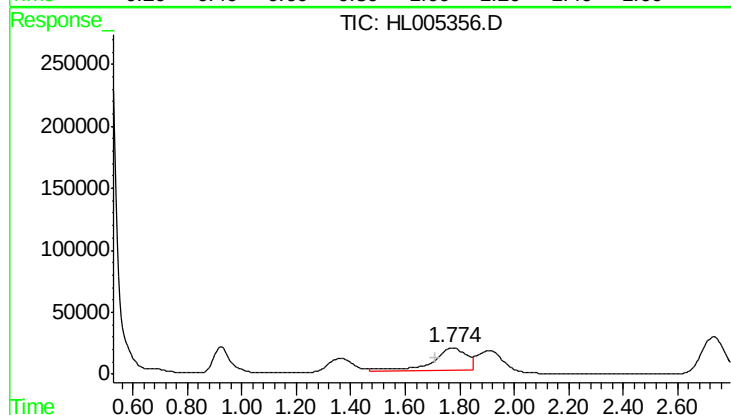
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:37 AM



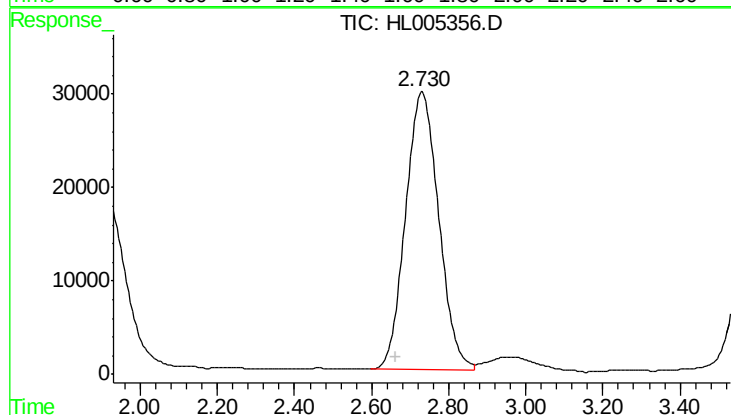
#2 HMX

R.T.: 0.925 min
Delta R.T.: 0.039 min
Response: 969546
Conc: 222.97 ug/L



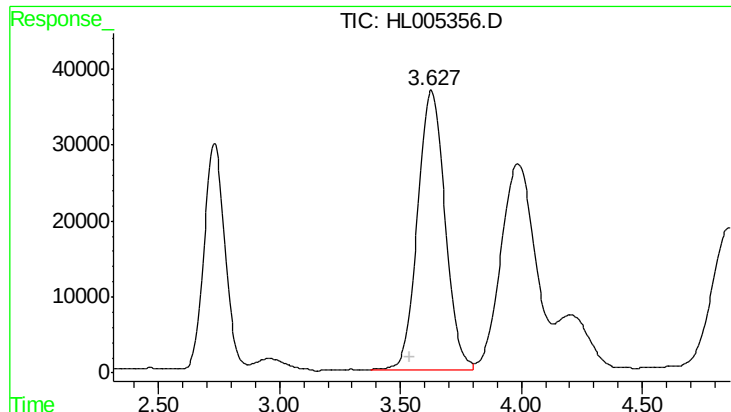
#3 RDX

R.T.: 1.776 min
Delta R.T.: 0.064 min
Response: 1609691
Conc: 311.72 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.730 min
Delta R.T.: 0.068 min
Response: 1776916
Conc: 162.28 ug/L m



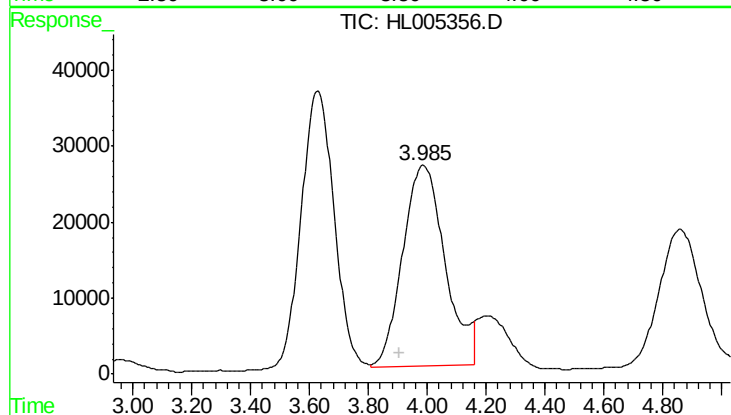
#5 1,3-Dinitrobenzene

R.T.: 3.627 min
Delta R.T.: 0.086 min
Response: 2909288
Conc: 181.29 ng/ml

Instrument :
HPLC_L
ClientSampleId :
TEST-1

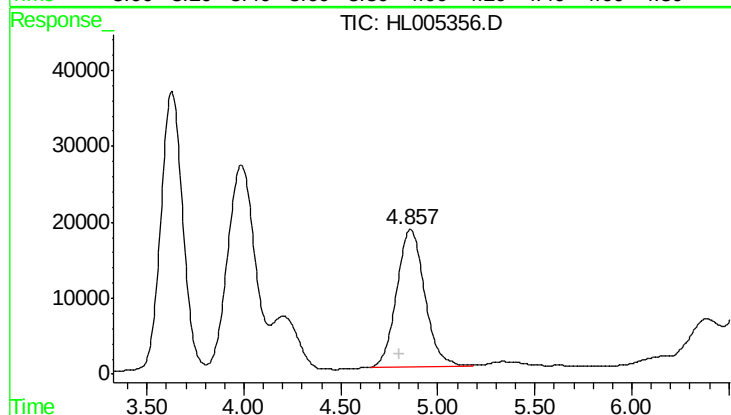
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:37 AM



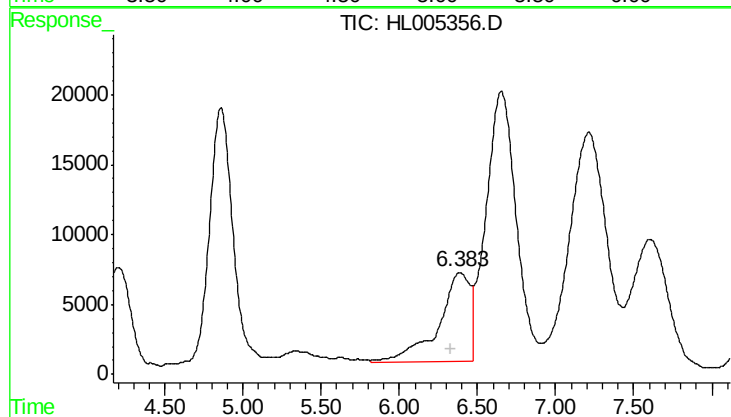
#6 3,5-Dinitroaniline

R.T.: 3.985 min
Delta R.T.: 0.078 min
Response: 2639474
Conc: 194.49 ug/L m



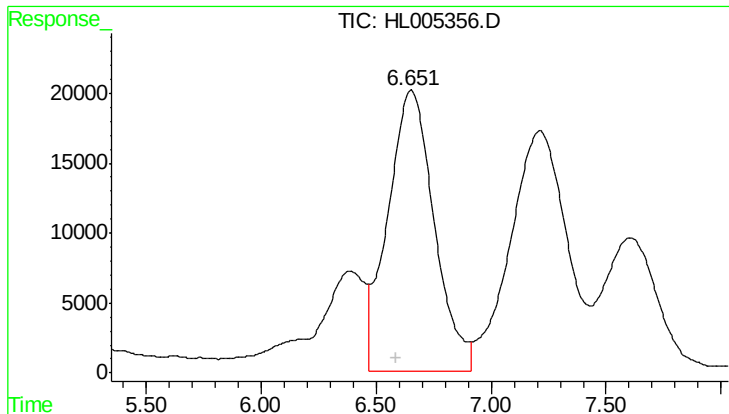
#7 Nitrobenzene

R.T.: 4.857 min
Delta R.T.: 0.052 min
Response: 1838879
Conc: 183.25 ug/L m



#8 Tetryl

R.T.: 6.383 min
Delta R.T.: 0.053 min
Response: 887457
Conc: 121.94 ug/L m



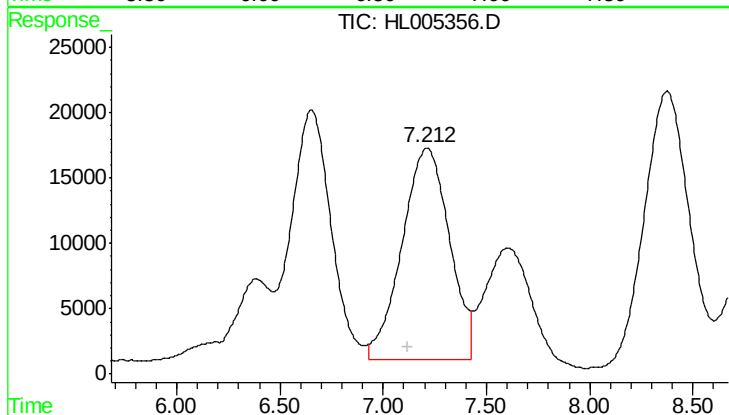
#9 2,4,6-Trinitrotoluene

R.T.: 6.653 min
Delta R.T.: 0.064 min
Response: 2820216
Conc: 239.10 ug/L

Instrument :
HPLC_L
ClientSampleId :
TEST-1

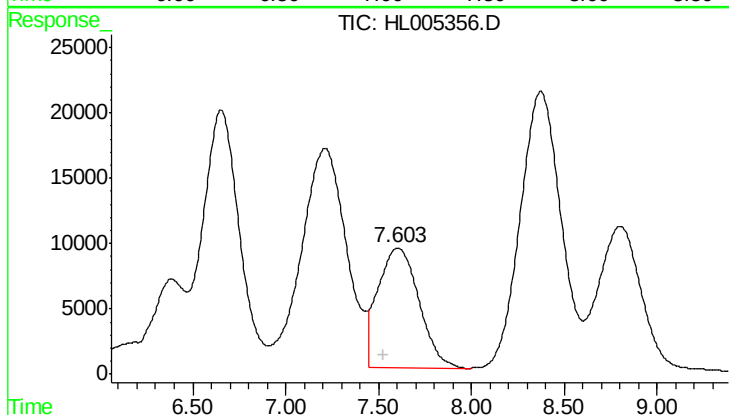
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:37 AM



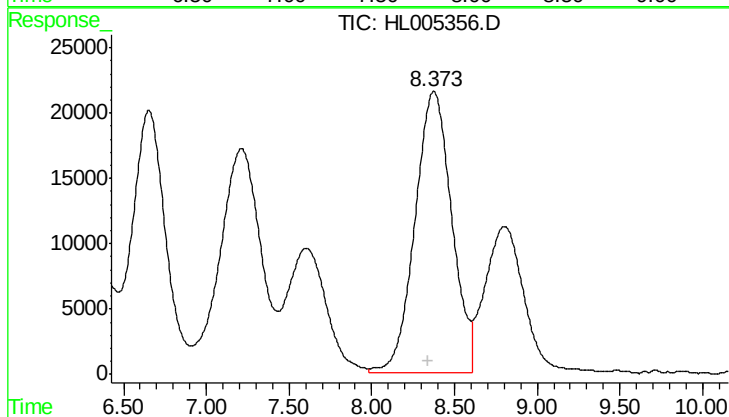
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.212 min
Delta R.T.: 0.094 min
Response: 2604258
Conc: 221.81 ug/L m



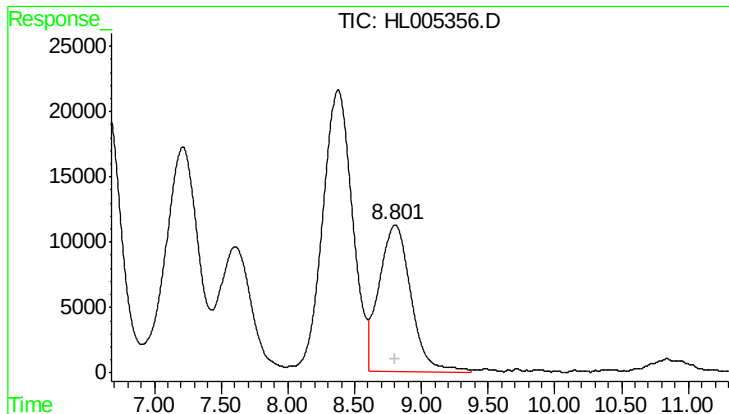
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.603 min
Delta R.T.: 0.076 min
Response: 1411017
Conc: 224.60 ug/L m



#12 2,4-Dinitrotoluene

R.T.: 8.375 min
Delta R.T.: 0.031 min
Response: 3331447
Conc: 211.20 ug/L



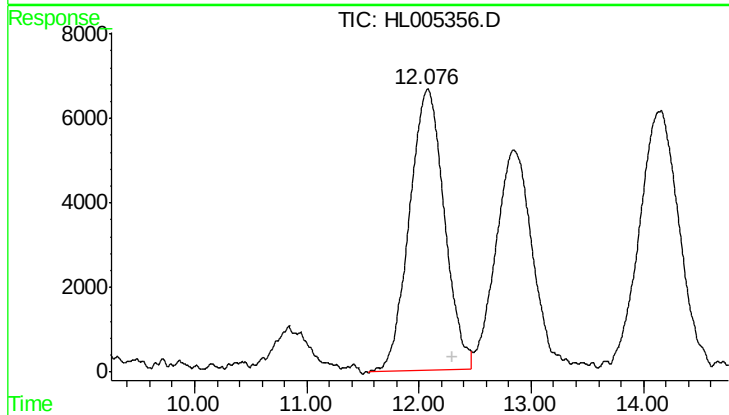
#13 2,6-Dinitrotoluene

R.T.: 8.802 min
 Delta R.T.: -0.005 min
 Response: 1868518
 Conc: 221.45 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 TEST-1

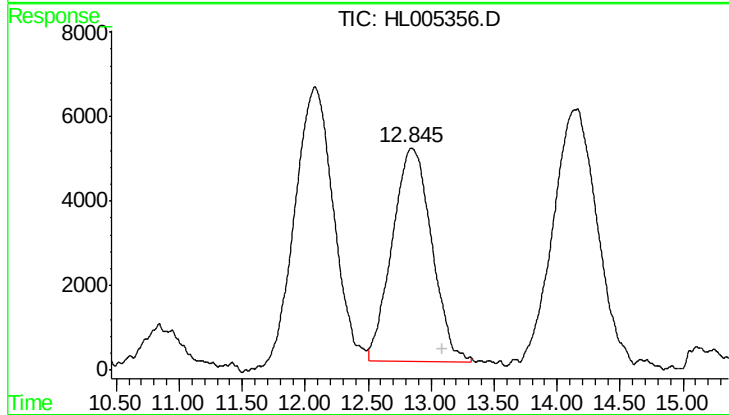
Manual Integrations
 APPROVED

AHPatel
 6/7/2013 3:59:37 AM



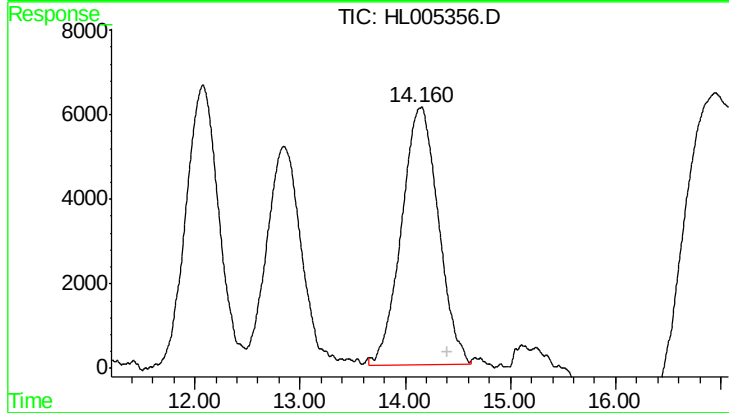
#14 2-Nitrotoluene

R.T.: 12.076 min
 Delta R.T.: -0.219 min
 Response: 1434969
 Conc: 216.05 ug/L m



#15 4-Nitrotoluene

R.T.: 12.845 min
 Delta R.T.: -0.245 min
 Response: 1098916
 Conc: 200.91 ug/L m



#16 3-Nitrotoluene

R.T.: 14.160 min
 Delta R.T.: -0.240 min
 Response: 1483107
 Conc: 211.64 ug/L m