

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060413\
 Data File : HL005366.D
 Signal(s) : VWD1A.CH
 Acq On : 04-Jun-2013, 18:02
 Operator : QM
 Sample : HSTDICV0500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL060413

Manual Integrations
 APPROVED

AHPatel
 6/7/2013 3:59:54 AM

Integration File: autoint1.e
 Quant Time: Jun 07 03:06:04 2013
 Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
 Quant Title :
 QLast Update : Tue Jun 04 16:52:57 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	1.315	1948953	504.015 ug/L
Target Compounds			
2) T HMX	0.881	2003347	445.084 ug/L
3) T RDX	1.723	2426509	512.906 ug/L
4) T 1,3,5-Trinitrobenzene	2.689	5250741	465.275 ug/L
5) T 1,3-Dinitrobenzene	3.577	7416539	482.522 ng/mL
6) T 3,5-Dinitroaniline	3.935	6350440	470.313 ug/L
7) T Nitrobenzene	4.800	4728659	479.509 ug/L
8) T Tetryl	6.358	3738345	471.673 ug/L
9) T 2,4,6-Trinitrotoluene	6.613	5293126	465.627 ug/L
10) T 2-Amino-4,6-dinitroto...	7.144	5107282	456.593 ug/L
11) T 4-Amino-2,6-dinitroto...	7.516	3194507	524.856 ug/L
12) T 2,4-Dinitrotoluene	8.284	7207054	493.487 ug/L
13) T 2,6-Dinitrotoluene	8.716	4085856	525.401 ug/L
14) T 2-Nitrotoluene	11.988	3337326	502.330 ug/L
15) T 4-Nitrotoluene	12.735	2709695	499.005 ug/L
16) T 3-Nitrotoluene	14.000	3381001	469.404 ug/L
17) T PETN	19.601	4282899	450.525 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060413\
Data File : HL005366.D
Signal(s) : VWD1A.CH
Acq On : 04-Jun-2013, 18:02
Operator : QM
Sample : HSTDICV0500
Misc :
ALS Vial : 7 Sample Multiplier: 1

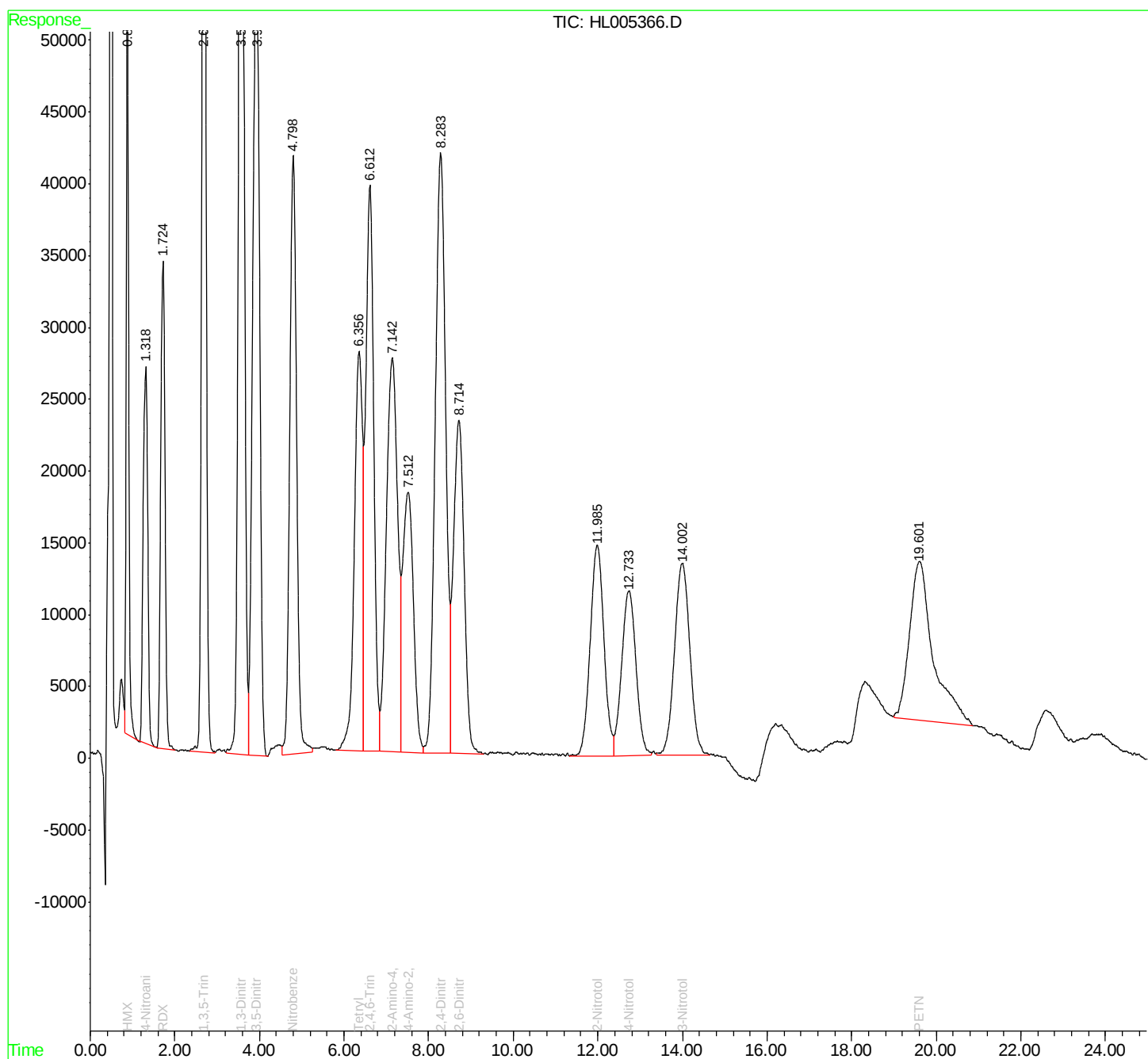
Instrument :
HPLC_L
ClientSampled :
ICVHL060413

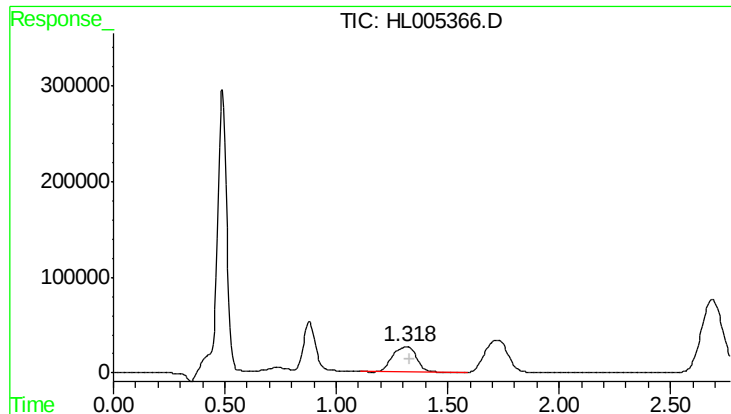
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:54 AM

Integration File: autoint1.e
Quant Time: Jun 07 03:06:04 2013
Quant Method : Z:\HPCHEM1\HPLC_L\METHODS\HL060413.M
Quant Title :
QLast Update : Tue Jun 04 16:52:57 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





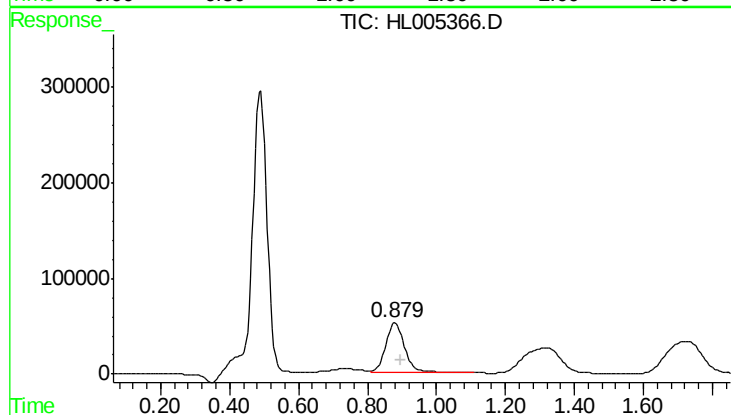
#1 4-Nitroaniline

R.T.: 1.315 min
Delta R.T.: -0.018 min
Response: 1948953
Conc: 504.02 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL060413

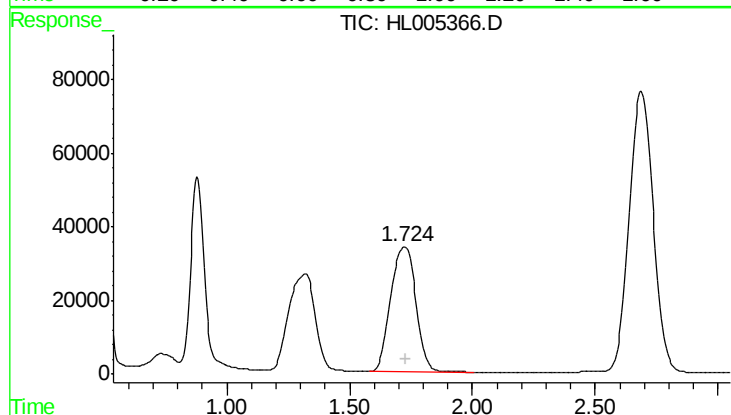
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:54 AM



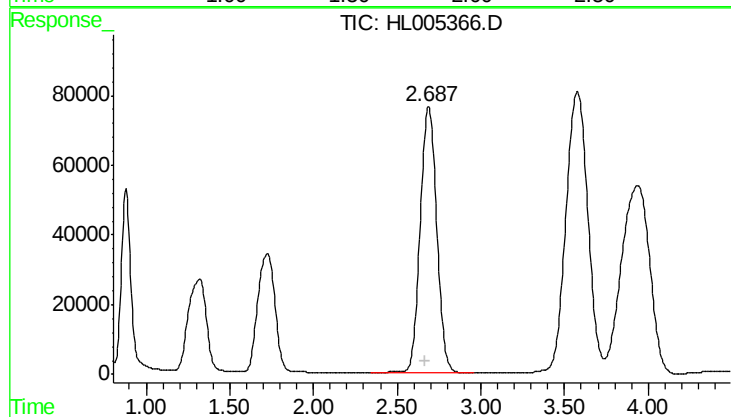
#2 HMX

R.T.: 0.881 min
Delta R.T.: -0.015 min
Response: 2003347
Conc: 445.08 ug/L



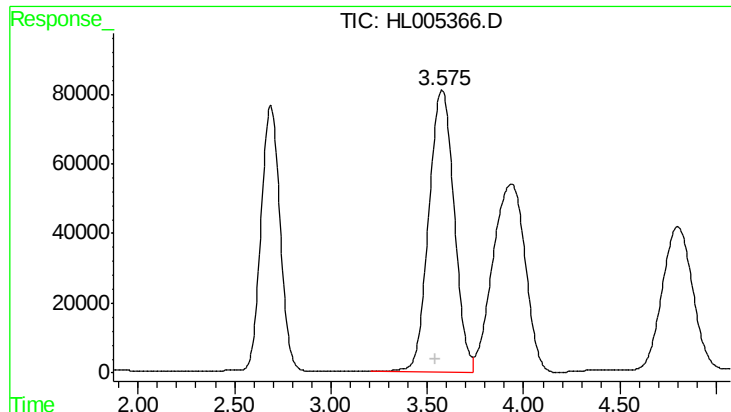
#3 RDX

R.T.: 1.723 min
Delta R.T.: -0.004 min
Response: 2426509
Conc: 512.91 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.689 min
Delta R.T.: 0.018 min
Response: 5250741
Conc: 465.27 ug/L



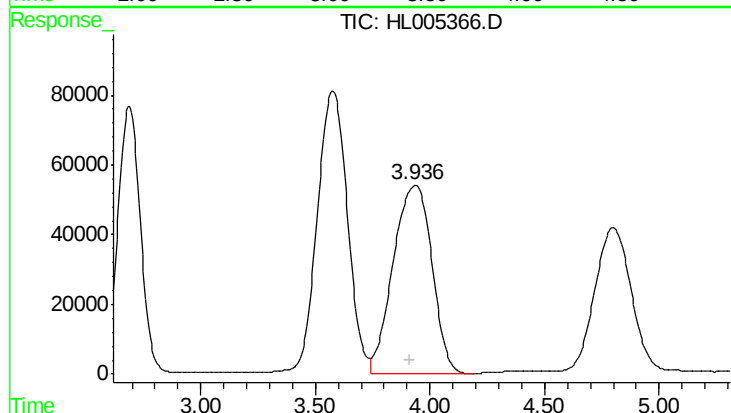
#5 1,3-Dinitrobenzene

R.T.: 3.577 min
Delta R.T.: 0.036 min
Response: 7416539
Conc: 482.52 ng/ml

Instrument :
HPLC_L
ClientSampleId :
ICVHL060413

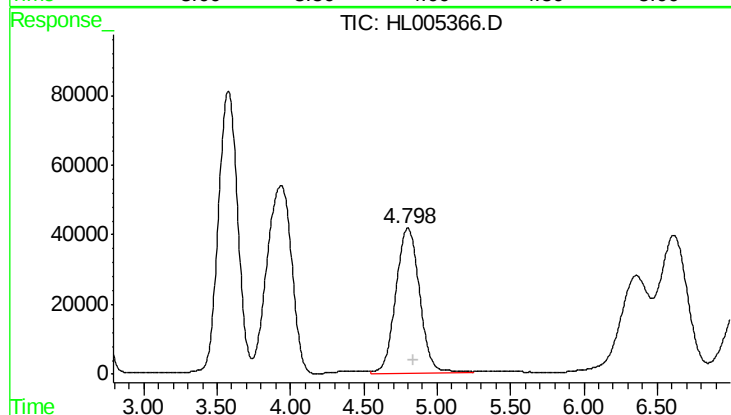
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:54 AM



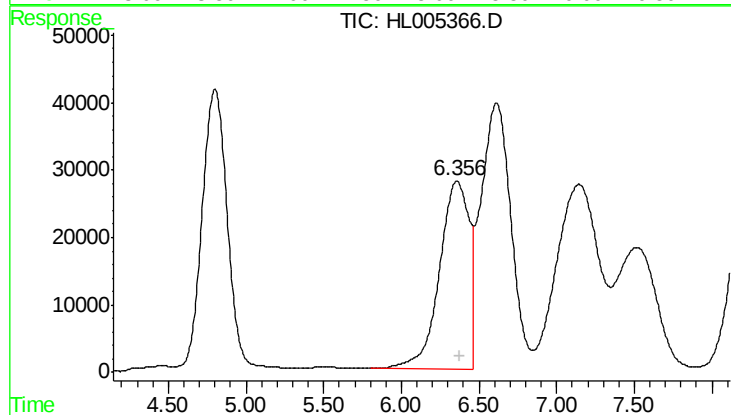
#6 3,5-Dinitroaniline

R.T.: 3.935 min
Delta R.T.: 0.025 min
Response: 6350440
Conc: 470.31 ug/L



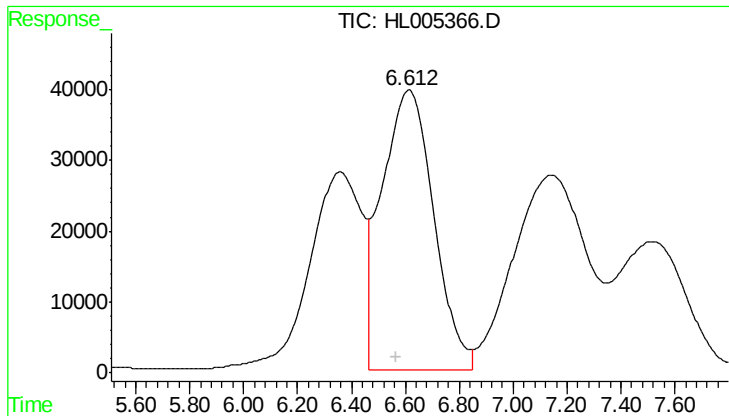
#7 Nitrobenzene

R.T.: 4.800 min
Delta R.T.: -0.040 min
Response: 4728659
Conc: 479.51 ug/L



#8 Tetryl

R.T.: 6.358 min
Delta R.T.: -0.022 min
Response: 3738345
Conc: 471.67 ug/L



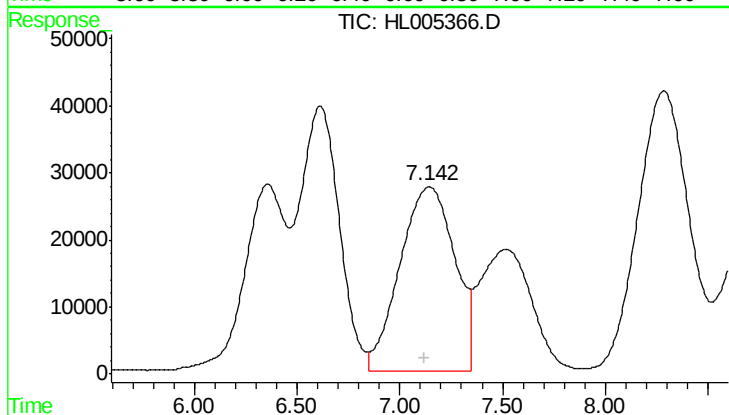
#9 2,4,6-Trinitrotoluene

R.T.: 6.613 min
Delta R.T.: 0.047 min
Response: 5293126
Conc: 465.63 ug/L

Instrument :
HPLC_L
ClientSampleId :
ICVHL060413

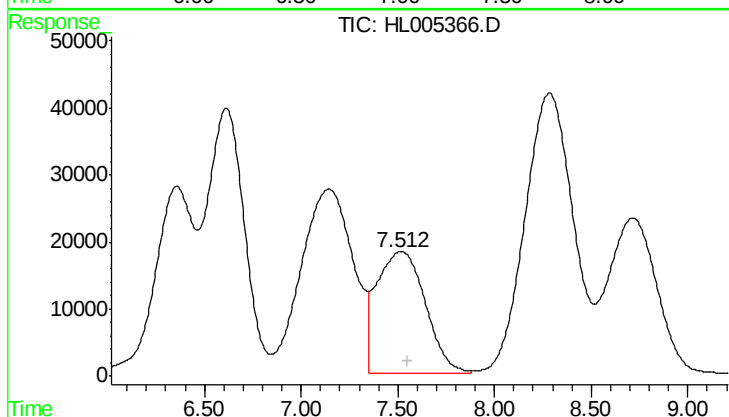
Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:54 AM



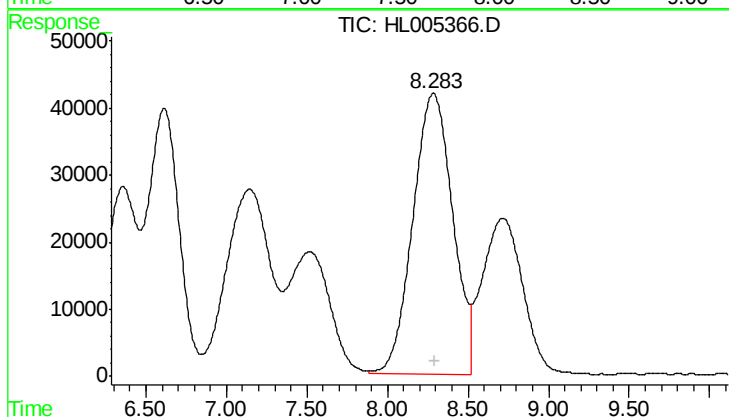
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.144 min
Delta R.T.: 0.023 min
Response: 5107282
Conc: 456.59 ug/L



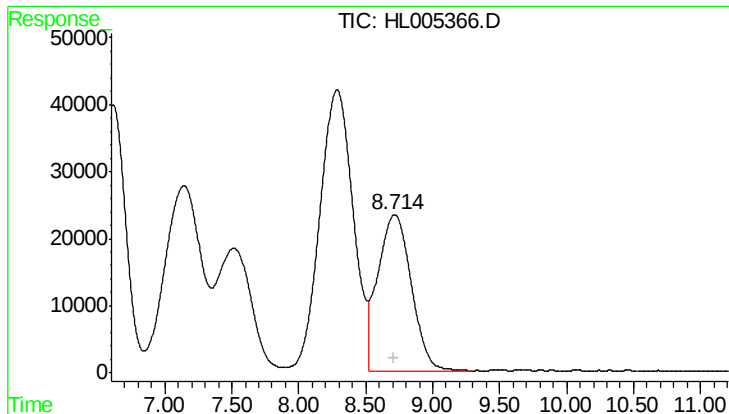
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.516 min
Delta R.T.: -0.034 min
Response: 3194507
Conc: 524.86 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.284 min
Delta R.T.: -0.006 min
Response: 7207054
Conc: 493.49 ug/L



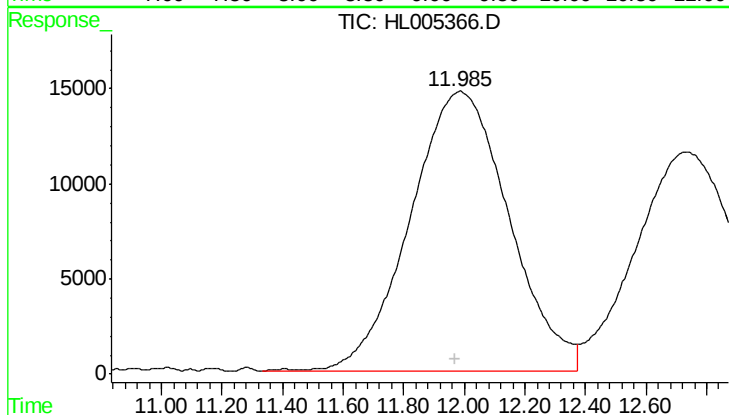
#13 2,6-Dinitrotoluene

R.T.: 8.716 min
 Delta R.T.: 0.006 min
 Response: 4085856
 Conc: 525.40 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 ICVHL060413

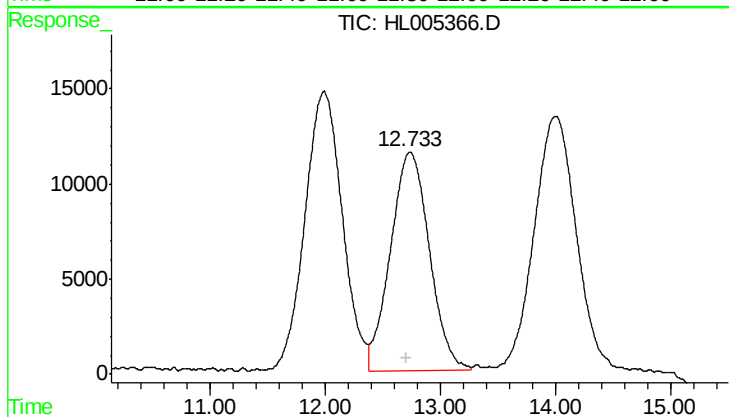
Manual Integrations
 APPROVED

AHPatel
 6/7/2013 3:59:54 AM



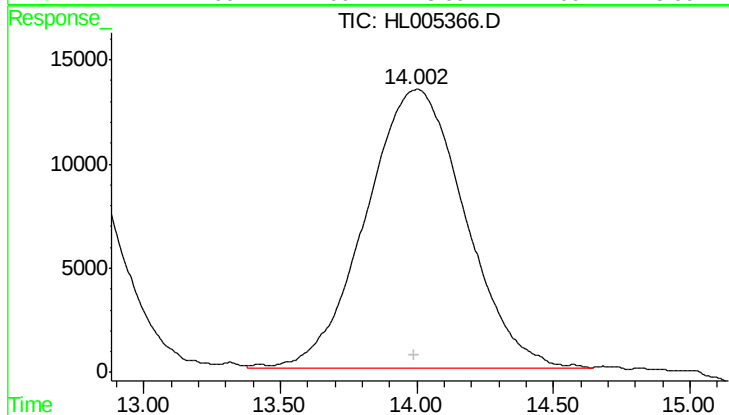
#14 2-Nitrotoluene

R.T.: 11.988 min
 Delta R.T.: 0.018 min
 Response: 3337326
 Conc: 502.33 ug/L



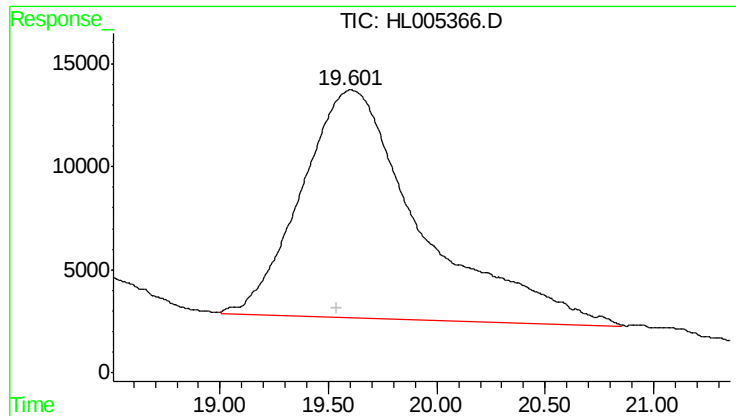
#15 4-Nitrotoluene

R.T.: 12.735 min
 Delta R.T.: 0.036 min
 Response: 2709695
 Conc: 499.01 ug/L



#16 3-Nitrotoluene

R.T.: 14.000 min
 Delta R.T.: 0.008 min
 Response: 3381001
 Conc: 469.40 ug/L



#17 PETN

R.T.: 19.601 min
Delta R.T.: 0.061 min
Response: 4282899
Conc: 450.52 ug/L m

Instrument :
HPLC_L
ClientSampleId :
ICVHL060413

Manual Integrations
APPROVED

AHPatel
6/7/2013 3:59:54 AM