

Data Path : S:\HPCHEM1\HPLC_L\Data\HL092612\
 Data File : HL003571.D
 Signal(s) : VWD1A.CH
 Acq On : 26-Sep-2012, 22:58
 Operator : HLM
 Sample : D4318-05MS1
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 ABV3001MS1

Manual Integrations
 APPROVED

AHPatel
 10/2/2012 8:37:22 AM

Integration File: events.e
 Quant Time: Sep 29 05:42:55 2012
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL091912.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Fri Sep 28 11:30:45 2012
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.368	1094439	294.560 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery =	98.19%
Target Compounds			
2) T HMX	0.914	750750	191.913 ug/L
3) T RDX	1.765	1070967	205.948 ug/L
4) T 1,3,5-Trinitrobenzene	2.763	2379216	195.976 ug/L
5) T Tetryl	6.253	1490032	174.580 ug/L
6) T 2,4,6-Trinitrotoluene	6.646	2493435	221.285 ug/L
7) T 2-Amino-4,6-dinitroto...	7.097	2113788	194.183 ug/L
8) T 4-Amino-2,6-dinitroto...	7.429	1600731	231.636 ug/L
9) T 2,4-Dinitrotoluene	8.296	3033423	200.964 ug/L
10) T 2,6-Dinitrotoluene	8.681	1710145	196.474 ug/L
11) T 1,3-Dinitrobenzene	3.659	3373605	212.944 ug/L
12) T Nitrobenzene	4.918	2072409	201.568 ug/L
13) T 2-Nitrotoluene	11.965	1352086	205.028 ug/L
14) T 3-Nitrotoluene	14.015	1389705	196.502 ug/L
15) T 4-Nitrotoluene	12.750	1110458	201.176 ug/L
16) T 3,5-Dinitroaniline	3.988	2664850	174.242 ug/L
18) T PETN	19.099	1887060	195.043 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : S:\HPCHEM1\HPLC_L\Data\HL092612\
Data File : HL003571.D
Signal(s) : VWD1A.CH
Acq On : 26-Sep-2012, 22:58
Operator : HLM
Sample : D4318-05MS1
Misc :
ALS Vial : 28 Sample Multiplier: 1

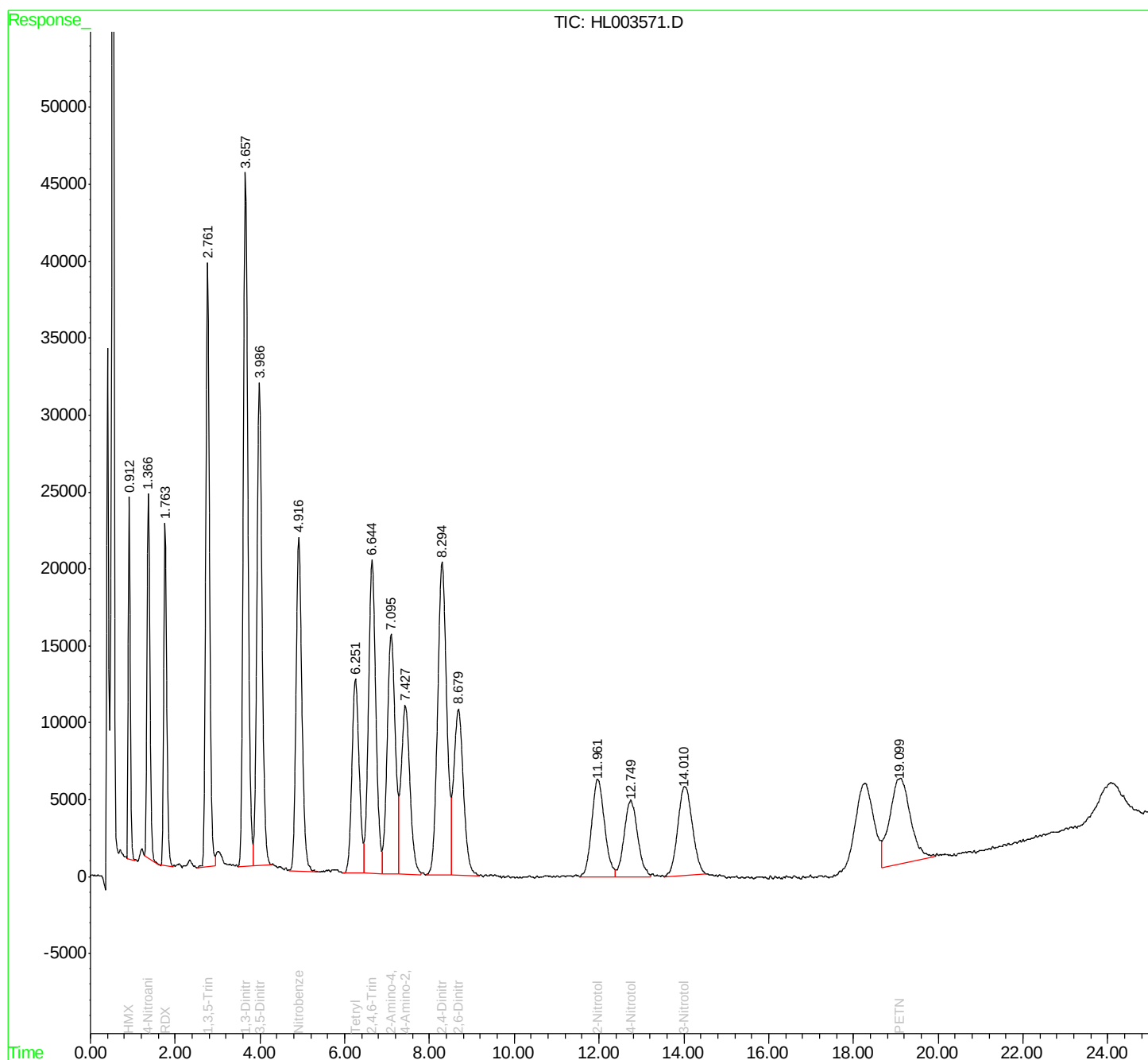
Instrument :
HPLC_L
ClientSampleId :
ABV3001MS1

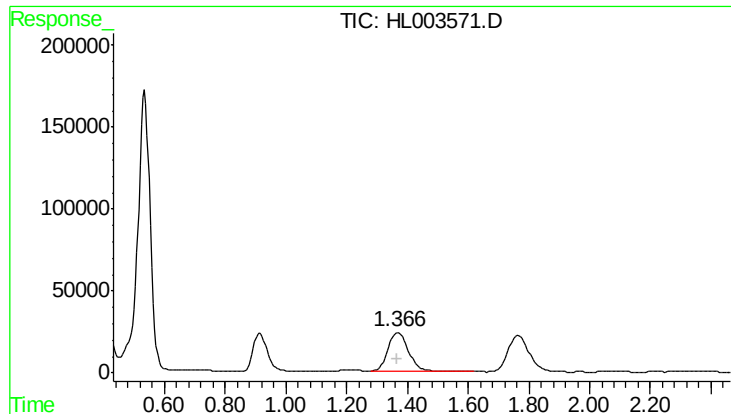
Manual Integrations
APPROVED

AHPatel
10/2/2012 8:37:22 AM

Integration File: events.e
Quant Time: Sep 29 05:42:55 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL091912.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri Sep 28 11:30:45 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





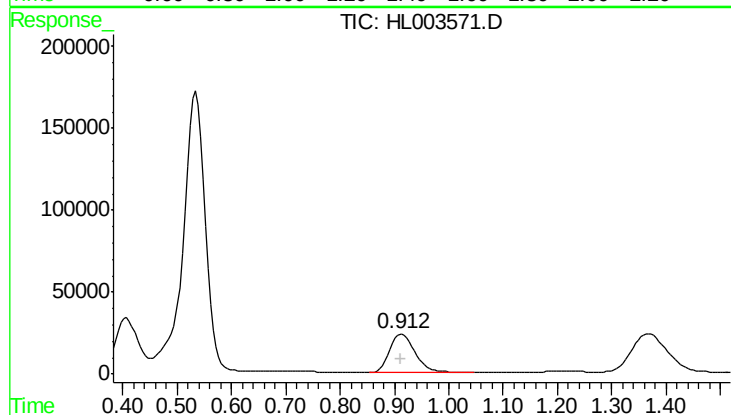
#1 4-Nitroaniline

R.T.: 1.368 min
Delta R.T.: 0.004 min
Response: 1094439
Conc: 294.56 ug/L

Instrument :
HPLC_L
ClientSampleId :
ABV3001MS1

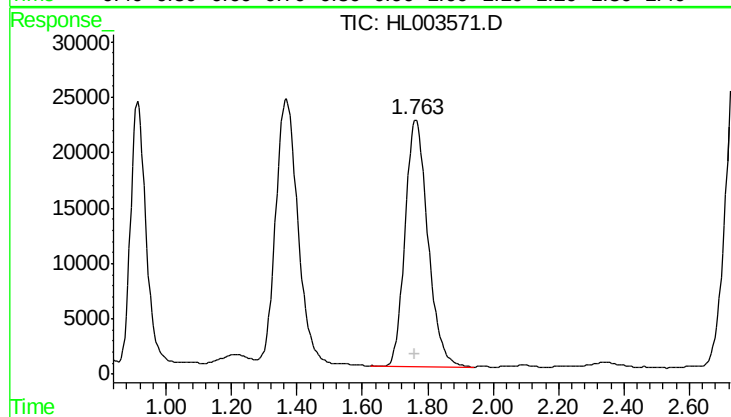
Manual Integrations
APPROVED

AHPatel
10/2/2012 8:37:22 AM



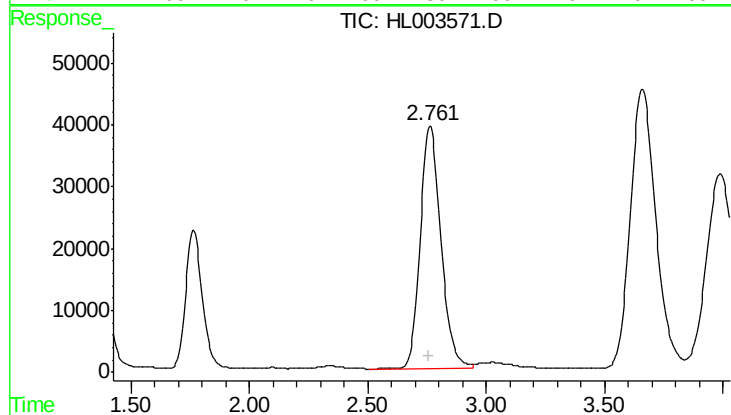
#2 HMX

R.T.: 0.914 min
Delta R.T.: 0.002 min
Response: 750750
Conc: 191.91 ug/L



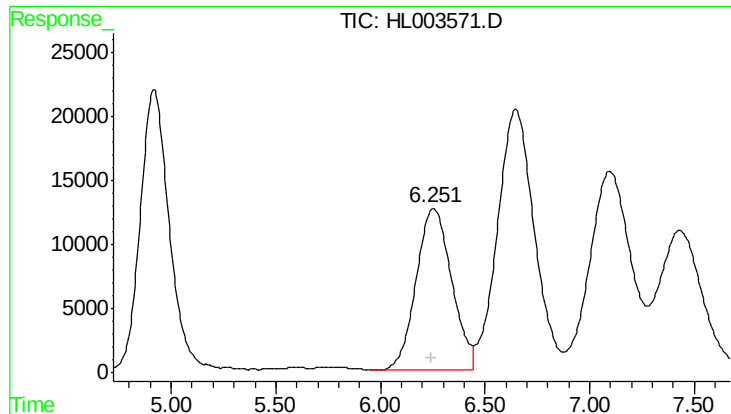
#3 RDX

R.T.: 1.765 min
Delta R.T.: 0.006 min
Response: 1070967
Conc: 205.95 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.763 min
Delta R.T.: 0.006 min
Response: 2379216
Conc: 195.98 ug/L



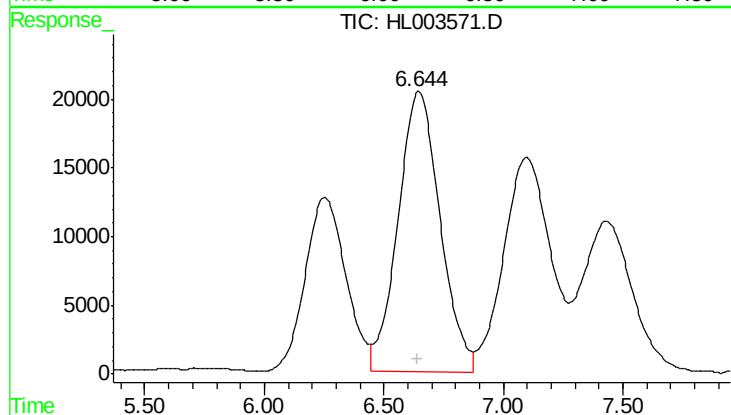
#5 Tetryl

R.T.: 6.253 min
Delta R.T.: 0.008 min
Response: 1490032
Conc: 174.58 ug/L

Instrument :
HPLC_L
ClientSampleId :
ABV3001MS1

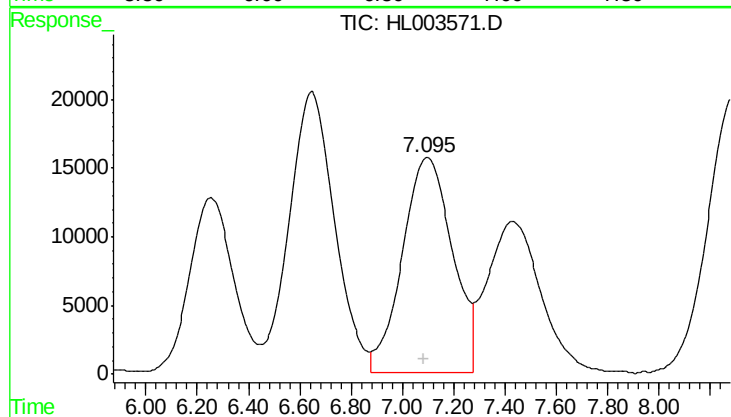
Manual Integrations
APPROVED

AHPatel
10/2/2012 8:37:22 AM



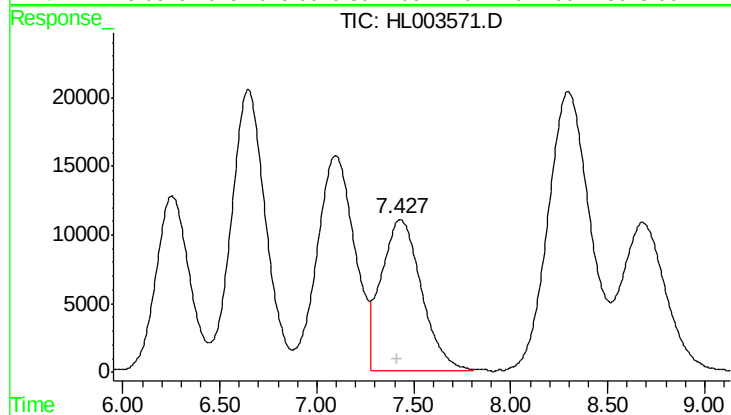
#6 2,4,6-Trinitrotoluene

R.T.: 6.646 min
Delta R.T.: 0.006 min
Response: 2493435
Conc: 221.28 ug/L



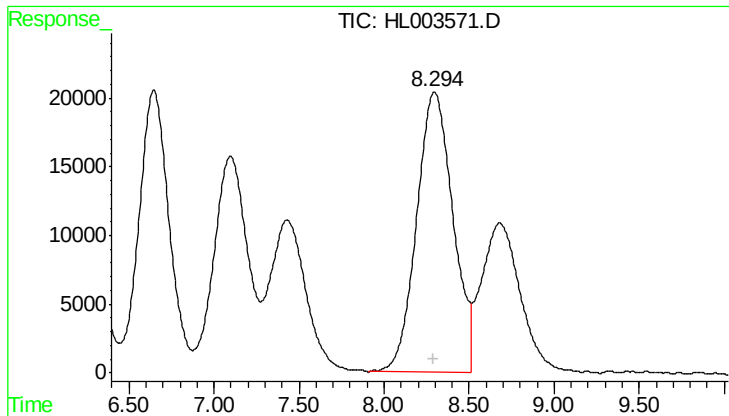
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.097 min
Delta R.T.: 0.013 min
Response: 2113788
Conc: 194.18 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.429 min
Delta R.T.: 0.013 min
Response: 1600731
Conc: 231.64 ug/L



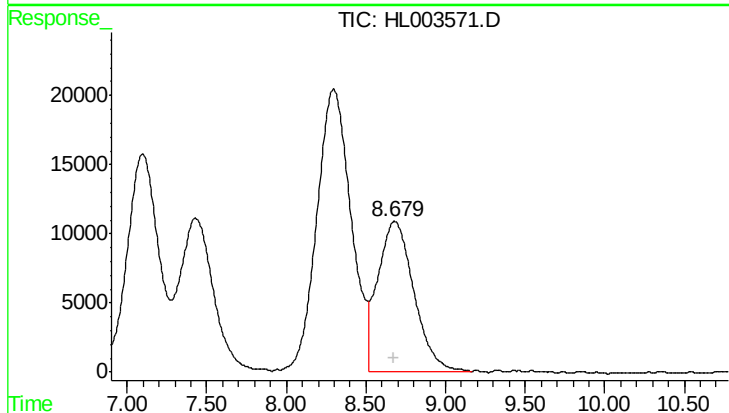
#9 2,4-Dinitrotoluene

R.T.: 8.296 min
Delta R.T.: 0.009 min
Response: 3033423
Conc: 200.96 ug/L

Instrument :
HPLC_L
ClientSampleId :
ABV3001MS1

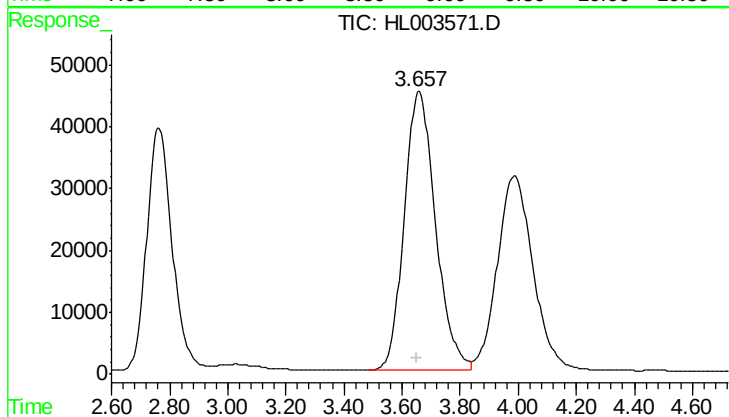
Manual Integrations
APPROVED

AHPatel
10/2/2012 8:37:22 AM



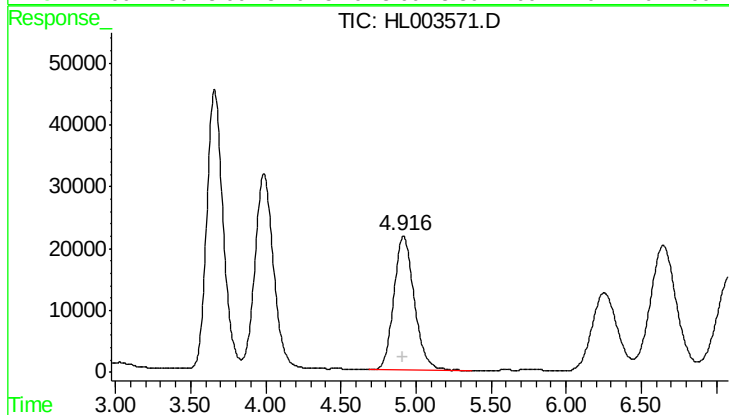
#10 2,6-Dinitrotoluene

R.T.: 8.681 min
Delta R.T.: 0.010 min
Response: 1710145
Conc: 196.47 ug/L



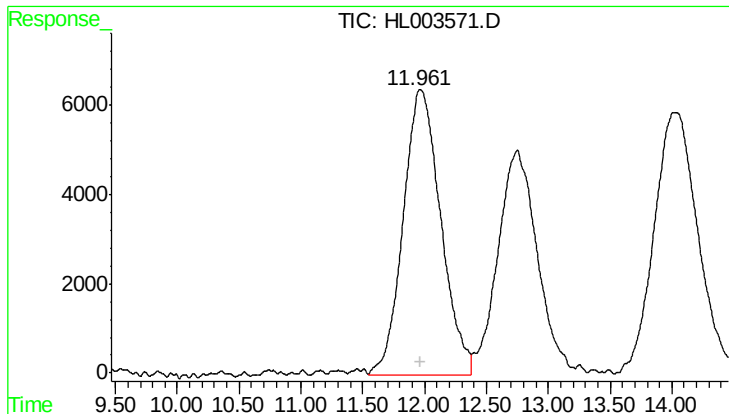
#11 1,3-Dinitrobenzene

R.T.: 3.659 min
Delta R.T.: 0.007 min
Response: 3373605
Conc: 212.94 ug/L



#12 Nitrobenzene

R.T.: 4.918 min
Delta R.T.: 0.010 min
Response: 2072409
Conc: 201.57 ug/L



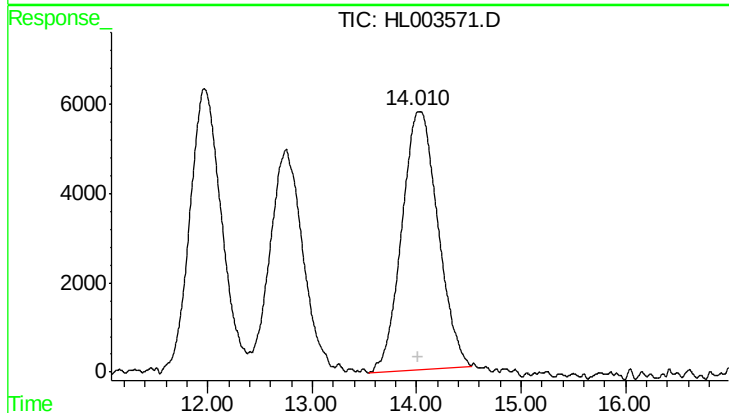
#13 2-Nitrotoluene

R.T.: 11.965 min
Delta R.T.: 0.002 min
Response: 1352086
Conc: 205.03 ug/L

Instrument :
HPLC_L
ClientSampleId :
ABV3001MS1

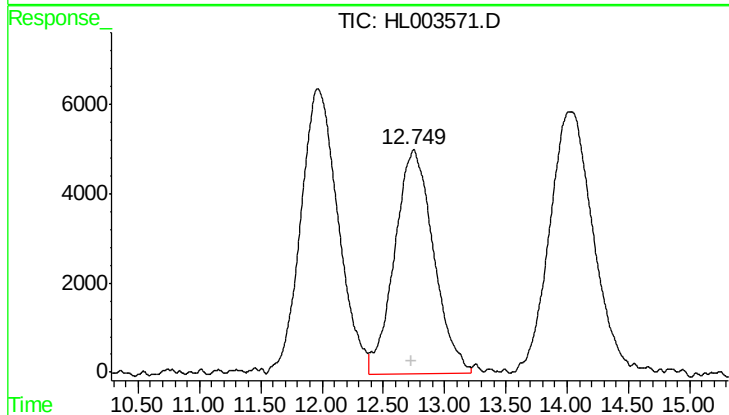
Manual Integrations
APPROVED

AHPatel
10/2/2012 8:37:22 AM



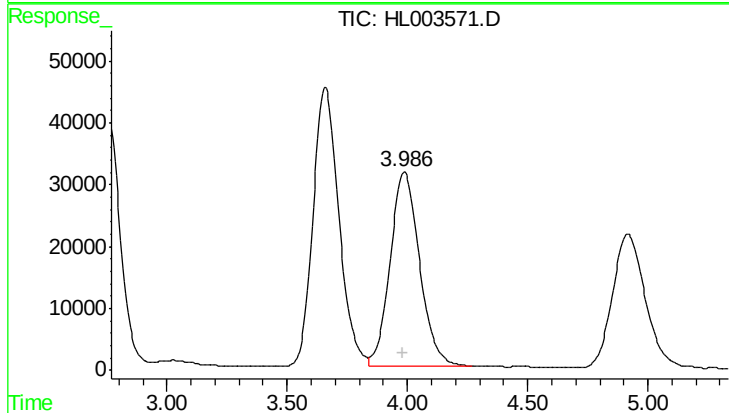
#14 3-Nitrotoluene

R.T.: 14.015 min
Delta R.T.: 0.000 min
Response: 1389705
Conc: 196.50 ug/L



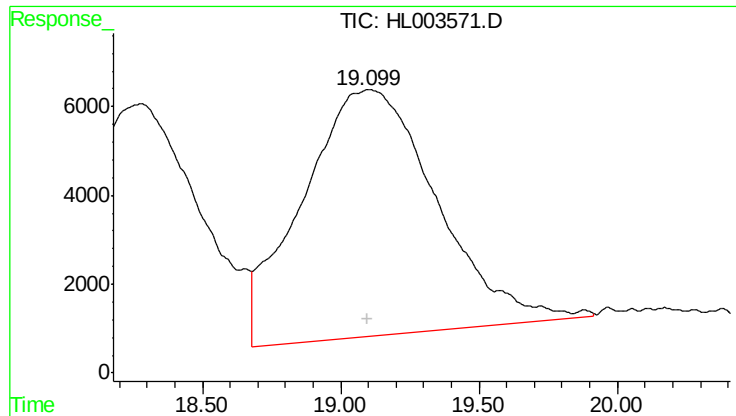
#15 4-Nitrotoluene

R.T.: 12.750 min
Delta R.T.: 0.014 min
Response: 1110458
Conc: 201.18 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.988 min
Delta R.T.: 0.006 min
Response: 2664850
Conc: 174.24 ug/L



#18 PETN

R.T.: 19.099 min
Delta R.T.: 0.005 min
Response: 1887060
Conc: 195.04 ug/L m

Instrument :
HPLC_L
ClientSampleId :
ABV3001MS1

Manual Integrations
APPROVED

AHPatel
10/2/2012 8:37:22 AM