

Data Path : S:\HPCHEM1\HPLC_L\Data\HL083012\
Data File : HL003439.D
Signal(s) : VWD1A.CH
Acq On : 31-Aug-2012, 00:16
Operator : HLM
Sample : D3904-01MSD1
Misc :
ALS Vial : 29 Sample Multiplier: 1

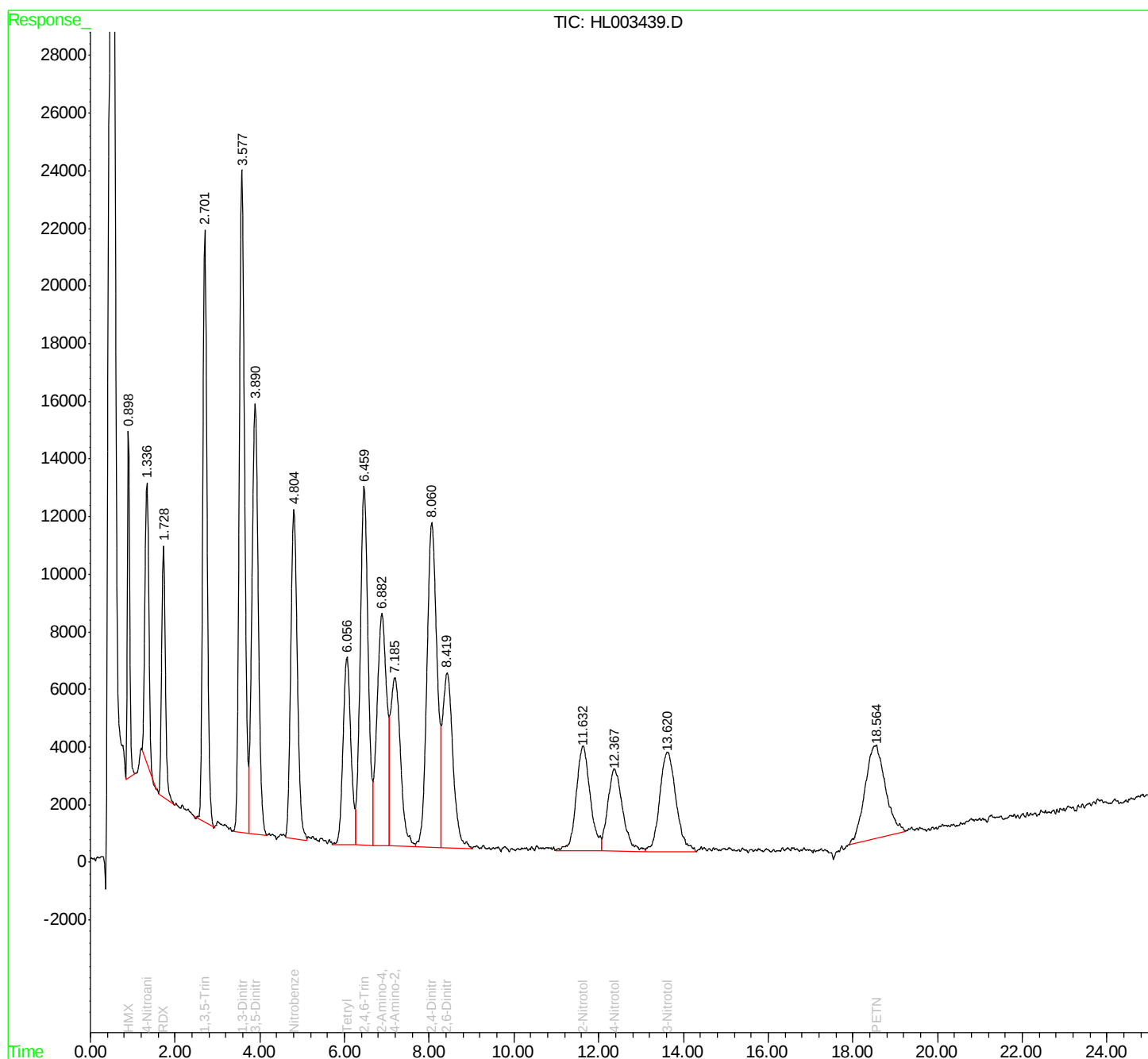
Instrument :
HPLC_L
ClientSampleId :
BG2-TP12-SP-01QAMSD1

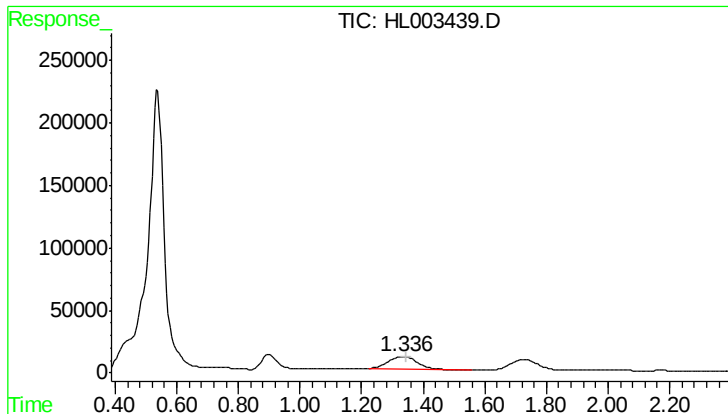
Manual Integrations
APPROVED

AHPatel
9/11/2012 4:22:44 AM

Integration File: events.e
Quant Time: Sep 05 01:18:17 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL080312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri Aug 31 10:52:41 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





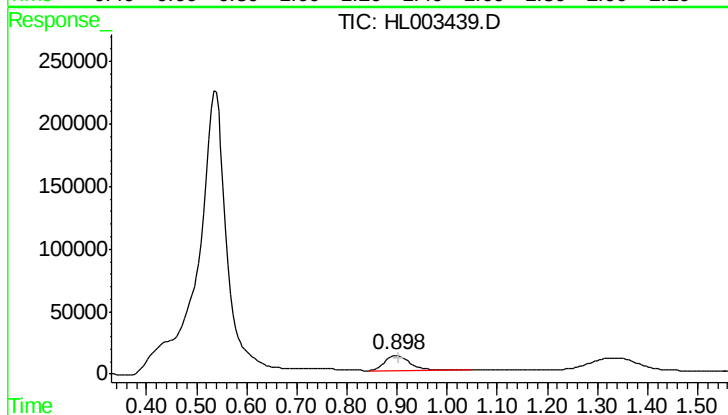
#1 4-Nitroaniline

R.T.: 1.338 min
 Delta R.T.: -0.009 min
 Response: 608120
 Conc: 165.81 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 BG2-TP12-SP-01QAMSD1

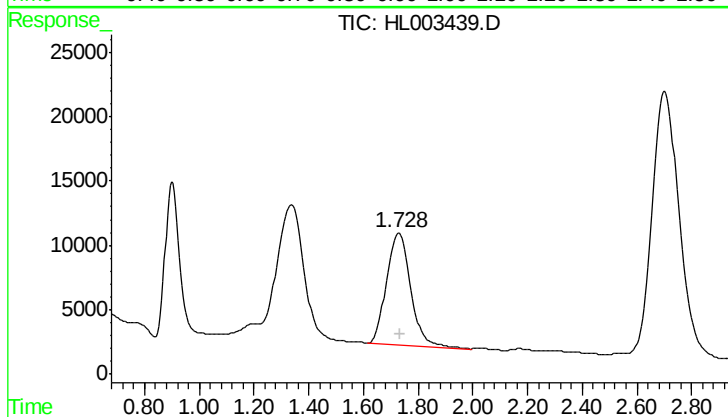
Manual Integrations
 APPROVED

AHPatel
 9/11/2012 4:22:44 AM



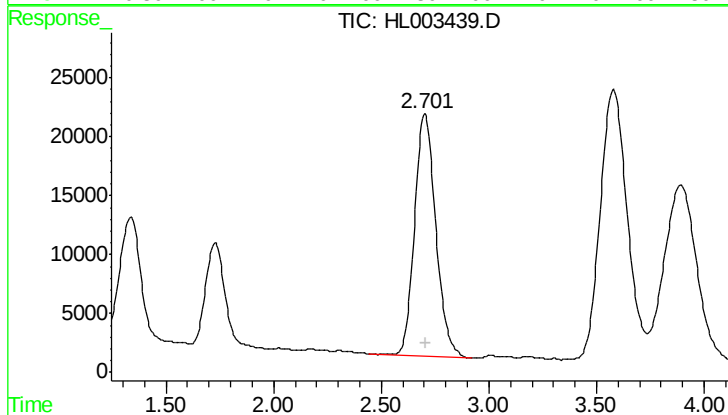
#2 HMX

R.T.: 0.900 min
 Delta R.T.: -0.004 min
 Response: 423079
 Conc: 104.08 ug/L



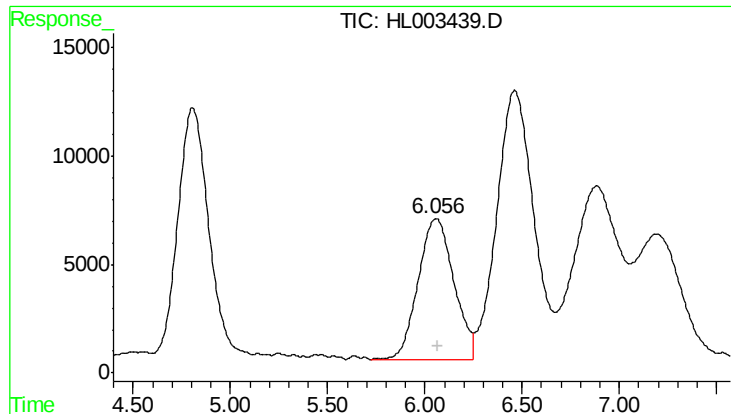
#3 RDX

R.T.: 1.730 min
 Delta R.T.: -0.005 min
 Response: 537524
 Conc: 105.29 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.703 min
 Delta R.T.: -0.006 min
 Response: 1411791
 Conc: 116.51 ug/L



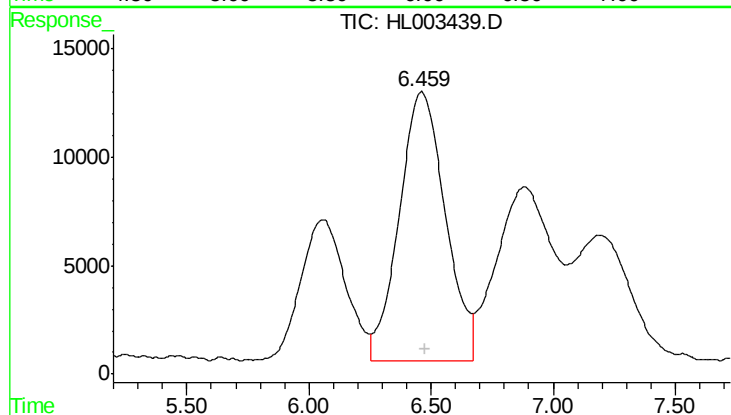
#5 Tetryl

R.T.: 6.058 min
Delta R.T.: -0.009 min
Response: 835080
Conc: 96.67 ug/L

Instrument :
HPLC_L
ClientSampleId :
BG2-TP12-SP-01QAMSD1

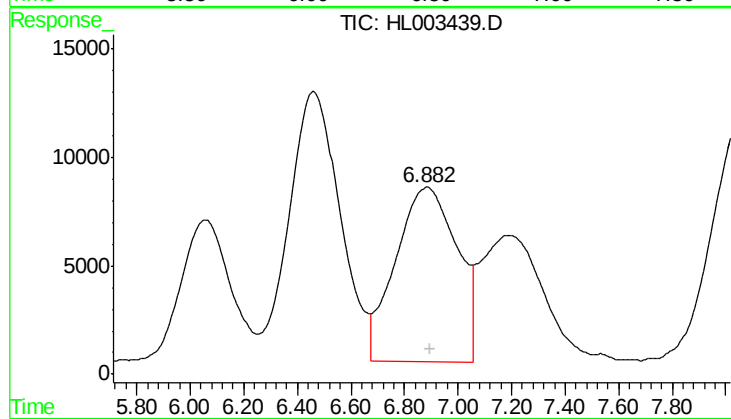
Manual Integrations
APPROVED

AHPatel
9/11/2012 4:22:44 AM



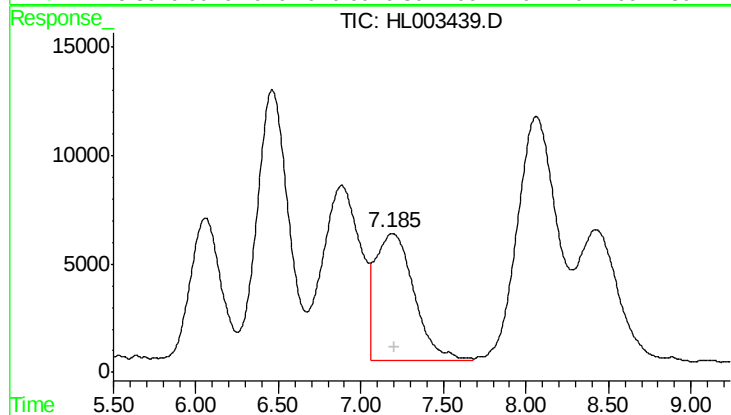
#6 2,4,6-Trinitrotoluene

R.T.: 6.462 min
Delta R.T.: -0.014 min
Response: 1638343
Conc: 149.11 ug/L



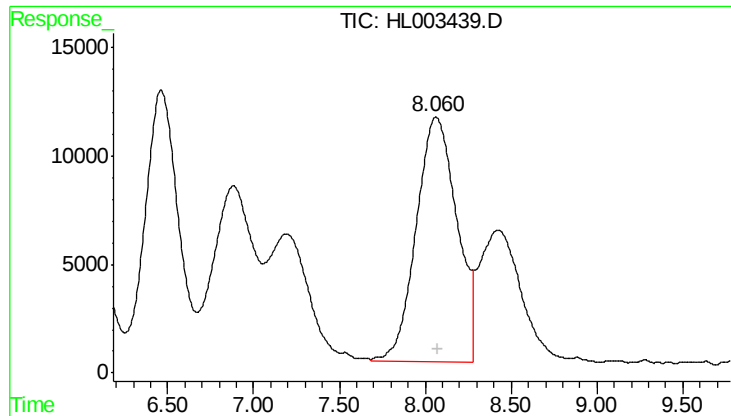
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.884 min
Delta R.T.: -0.014 min
Response: 1286589
Conc: 126.67 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.191 min
Delta R.T.: -0.013 min
Response: 962989
Conc: 134.81 ug/L



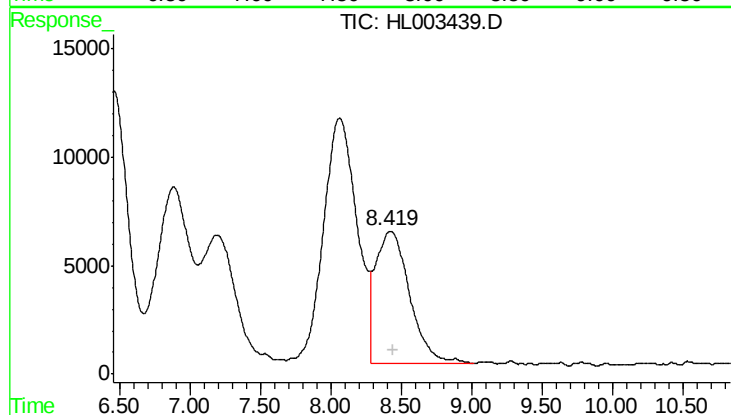
#9 2,4-Dinitrotoluene

R.T.: 8.063 min
Delta R.T.: -0.014 min
Response: 1869142
Conc: 123.88 ug/L

Instrument :
HPLC_L
ClientSampleId :
BG2-TP12-SP-01QAMSD1

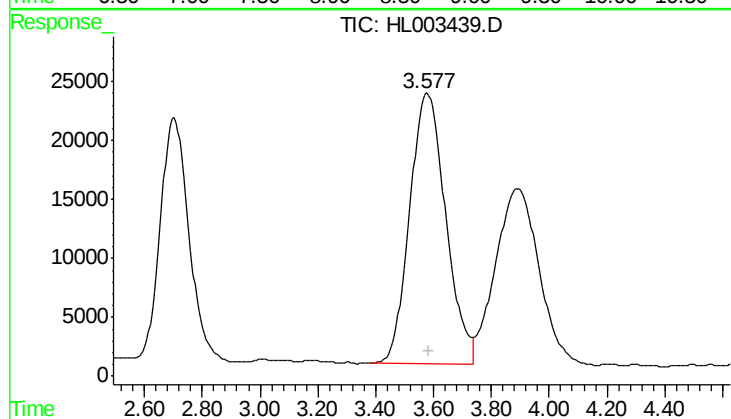
Manual Integrations
APPROVED

AHPatel
9/11/2012 4:22:44 AM



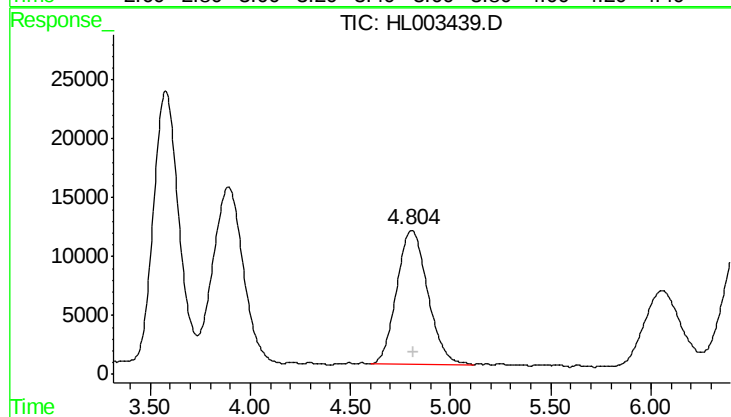
#10 2,6-Dinitrotoluene

R.T.: 8.424 min
Delta R.T.: -0.015 min
Response: 1037273
Conc: 122.35 ug/L



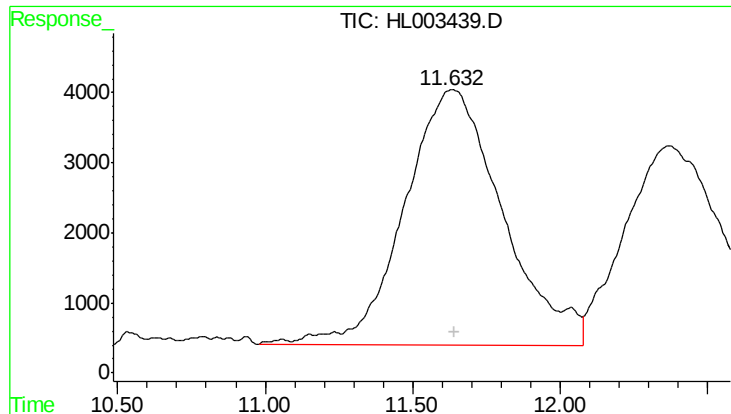
#11 1,3-Dinitrobenzene

R.T.: 3.579 min
Delta R.T.: -0.007 min
Response: 1995639
Conc: 124.07 ug/L



#12 Nitrobenzene

R.T.: 4.806 min
Delta R.T.: -0.008 min
Response: 1235253
Conc: 117.85 ug/L



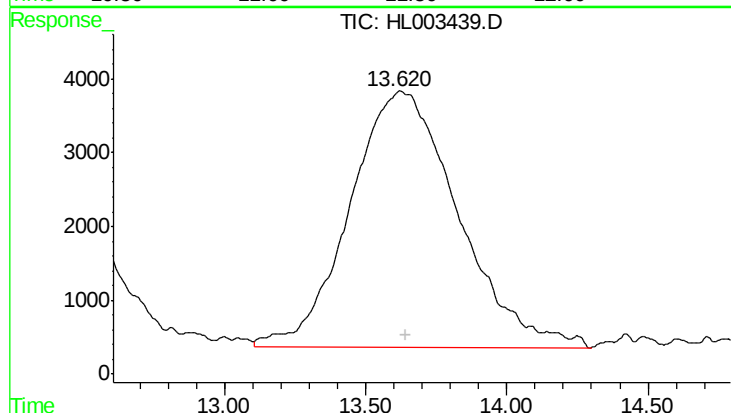
#13 2-Nitrotoluene

R.T.: 11.635 min
Delta R.T.: -0.008 min
Response: 843429
Conc: 127.69 ug/L

Instrument :
HPLC_L
ClientSampleId :
BG2-TP12-SP-01QAMSD1

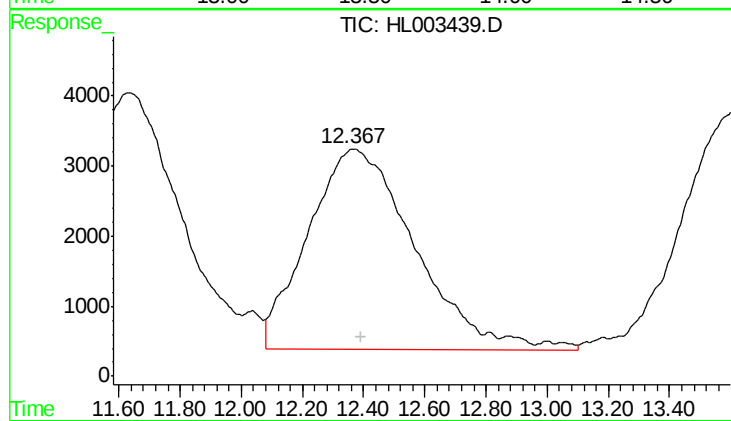
Manual Integrations
APPROVED

AHPatel
9/11/2012 4:22:44 AM



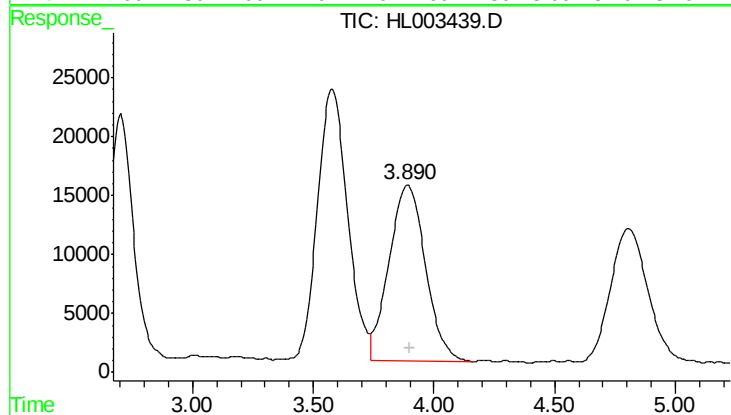
#14 3-Nitrotoluene

R.T.: 13.627 min
Delta R.T.: -0.014 min
Response: 924989
Conc: 132.67 ug/L



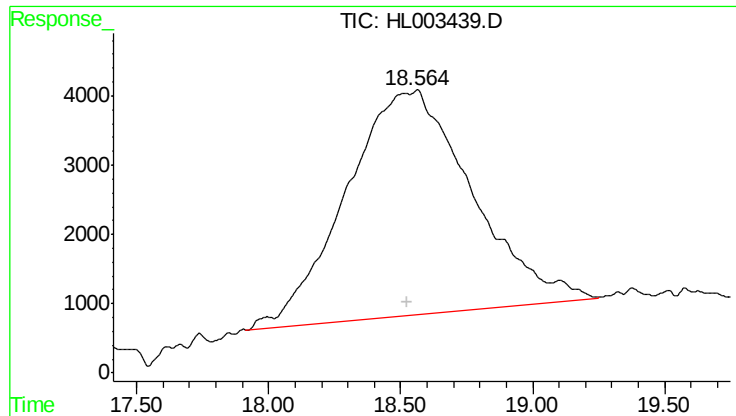
#15 4-Nitrotoluene

R.T.: 12.370 min
Delta R.T.: -0.023 min
Response: 694720
Conc: 126.18 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.892 min
Delta R.T.: -0.008 min
Response: 1572457
Conc: 113.17 ug/L



#18 PETN

R.T.: 18.564 min
Delta R.T.: 0.037 min
Response: 1078545
Conc: 109.94 ug/L m

Instrument :
HPLC_L
ClientSampleId :
BG2-TP12-SP-01QAMSD1

Manual Integrations
APPROVED

AHPatel
9/11/2012 4:22:44 AM

Data Path : S:\HPCHEM1\HPLC_L\Data\HL083012\
 Data File : HL003439.D
 Signal(s) : VWD1A.CH
 Acq On : 31-Aug-2012, 00:16
 Operator : HLM
 Sample : D3904-01MSD1
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleID :
 BG2-TP12-SP-01QAMSD1

Manual Integrations
 APPROVED

AHPatel
 9/11/2012 4:22:44 AM

Integration File: events.e
 Quant Time: Sep 05 01:18:17 2012
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL080312.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Fri Aug 31 10:52:41 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	1.338	608120	165.808 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 55.27%
Target Compounds			
2) T HMX	0.900	423079	104.084 ug/L
3) T RDX	1.730	537524	105.292 ug/L
4) T 1,3,5-Trinitrobenzene	2.703	1411791	116.515 ug/L
5) T Tetryl	6.058	835080	96.672 ug/L
6) T 2,4,6-Trinitrotoluene	6.462	1638343	149.106 ug/L
7) T 2-Amino-4,6-dinitroto...	6.884	1286589	126.668 ug/L
8) T 4-Amino-2,6-dinitroto...	7.191	962989	134.809 ug/L
9) T 2,4-Dinitrotoluene	8.063	1869142	123.885 ug/L
10) T 2,6-Dinitrotoluene	8.424	1037273	122.349 ug/L
11) T 1,3-Dinitrobenzene	3.579	1995639	124.067 ug/L
12) T Nitrobenzene	4.806	1235253	117.849 ug/L
13) T 2-Nitrotoluene	11.635	843429	127.695 ug/L
14) T 3-Nitrotoluene	13.627	924989	132.674 ug/L
15) T 4-Nitrotoluene	12.370	694720	126.175 ug/L
16) T 3,5-Dinitroaniline	3.892	1572457	113.167 ug/L
18) T PETN	18.564	1078545	109.939 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.