

Data Path : X:\HPCHEM1\HPLC_L\Data\HL060112\
Data File : HL003151.D
Signal(s) : VWD1A.CH
Acq On : 02-Jun-2012, 00:09
Operator : HLM
Sample : PB63409BS1
Misc :
ALS Vial : 51 Sample Multiplier: 1

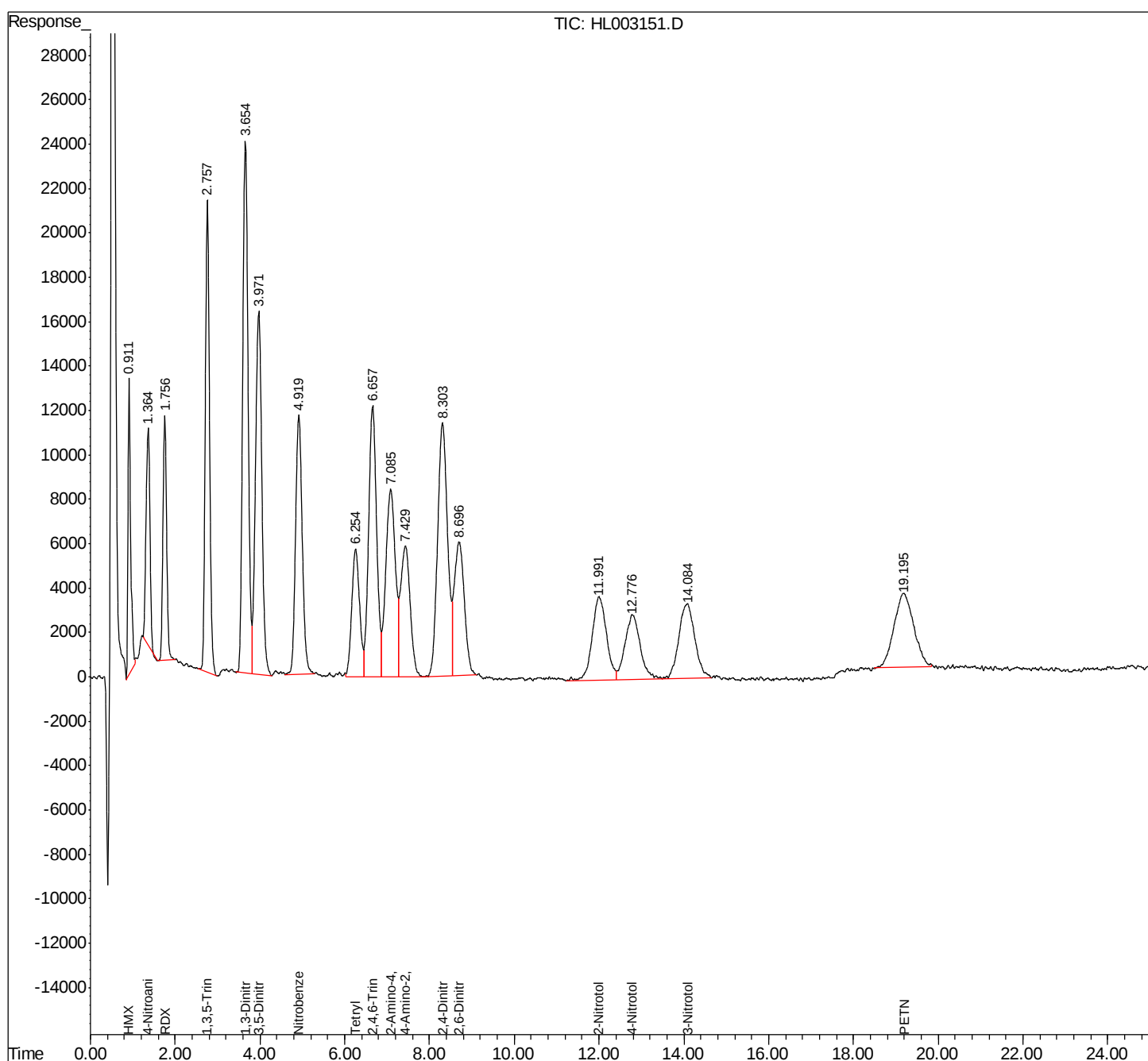
Instrument :
HPLC_L
ClientSampleId :
PB63409BS1

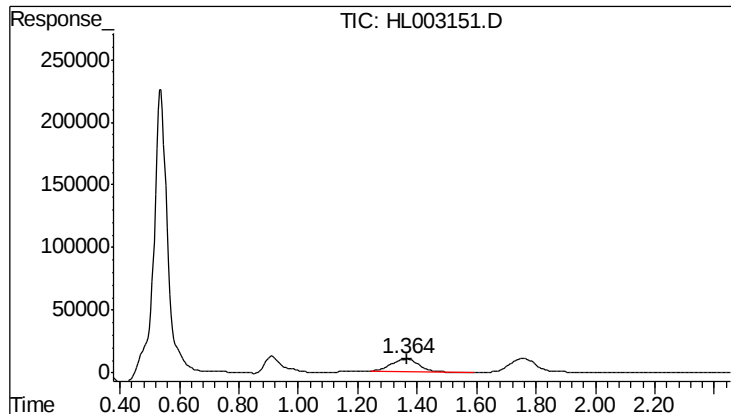
Manual Integrations
APPROVED

AHPatel
6/6/2012 3:42:57 AM

Integration File: events.e
Quant Time: Jun 05 04:01:54 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL050312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Mon Jun 04 10:17:03 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





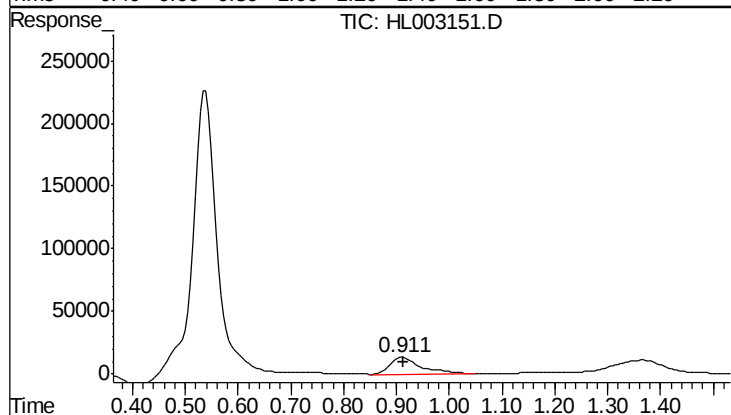
#1 4-Nitroaniline

R.T.: 1.366 min
Delta R.T.: 0.000 min
Response: 598796
Conc: 163.66 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63409BS1

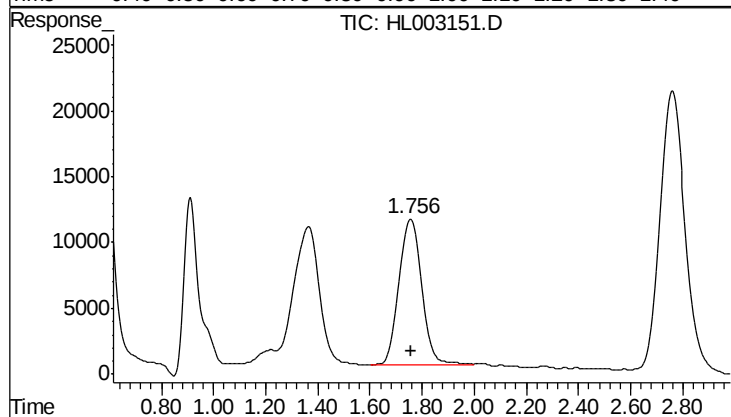
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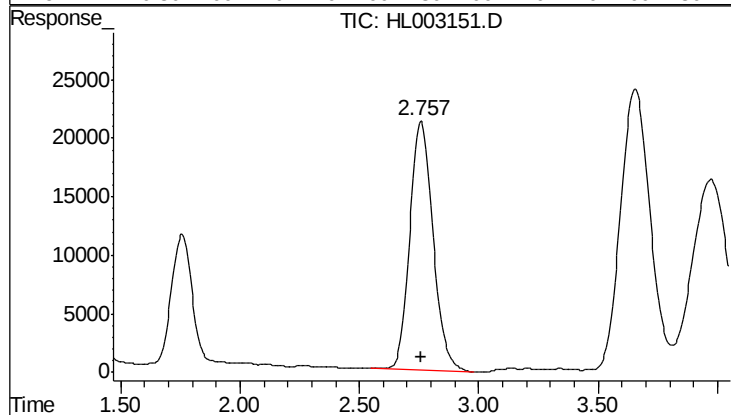
#2 HMX

R.T.: 0.913 min
Delta R.T.: 0.000 min
Response: 537986
Conc: 130.69 ug/L



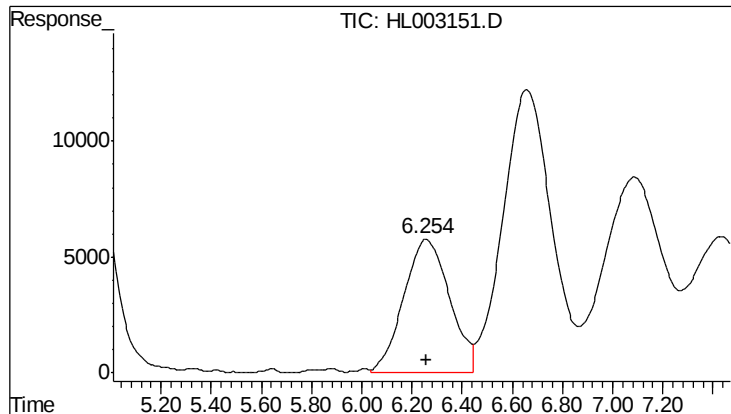
#3 RDX

R.T.: 1.758 min
Delta R.T.: -0.002 min
Response: 661929
Conc: 117.35 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.759 min
Delta R.T.: 0.000 min
Response: 1439919
Conc: 114.82 ug/L



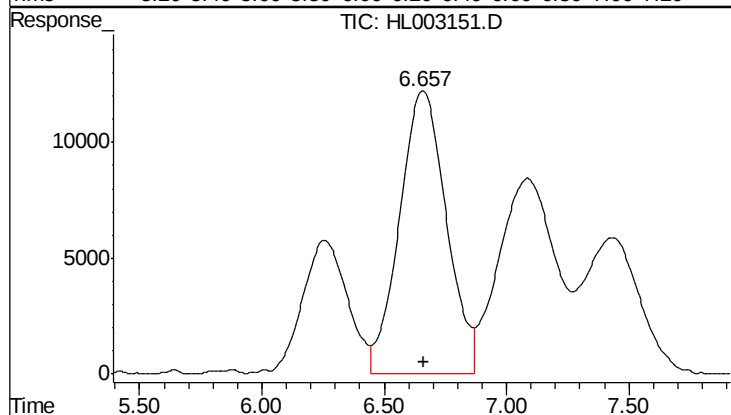
#5 Tetryl

R.T.: 6.256 min
Delta R.T.: -0.002 min
Response: 732616
Conc: 81.56 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63409BS1

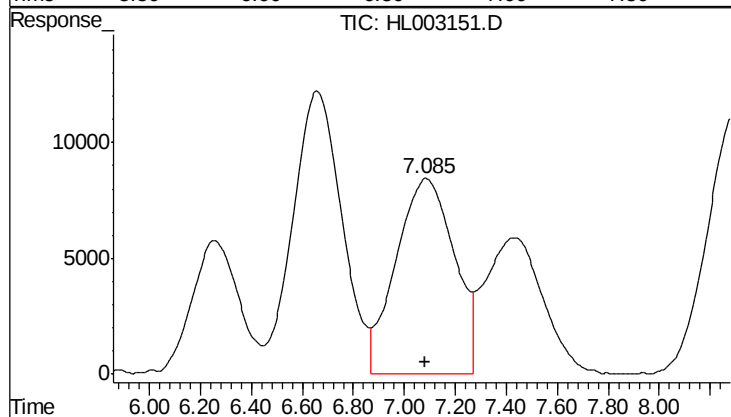
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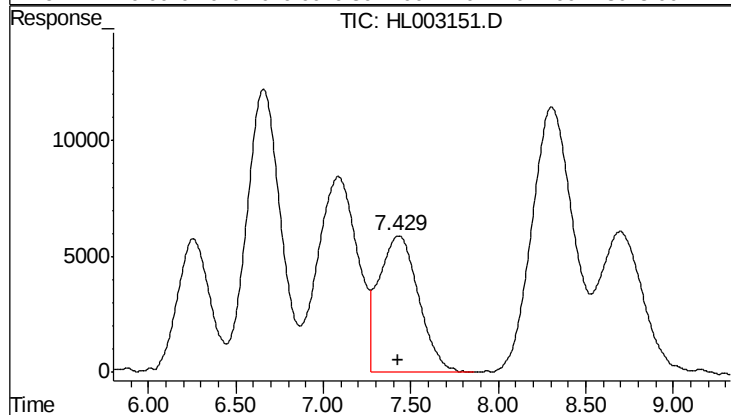
#6 2,4,6-Trinitrotoluene

R.T.: 6.659 min
Delta R.T.: -0.003 min
Response: 1623406
Conc: 135.02 ug/L



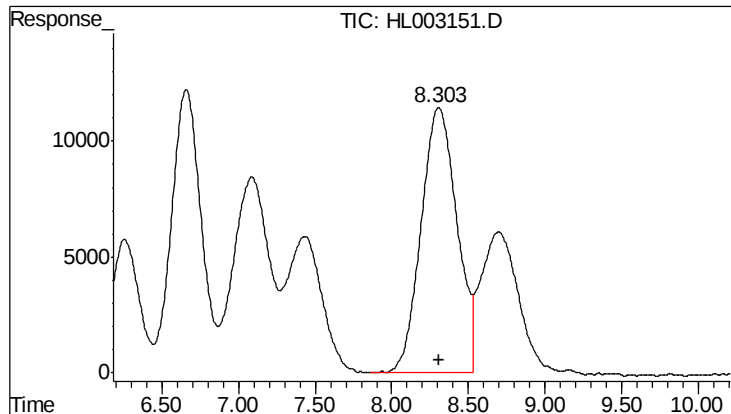
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.087 min
Delta R.T.: 0.005 min
Response: 1343836
Conc: 121.92 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.432 min
Delta R.T.: 0.002 min
Response: 938190
Conc: 123.93 ug/L



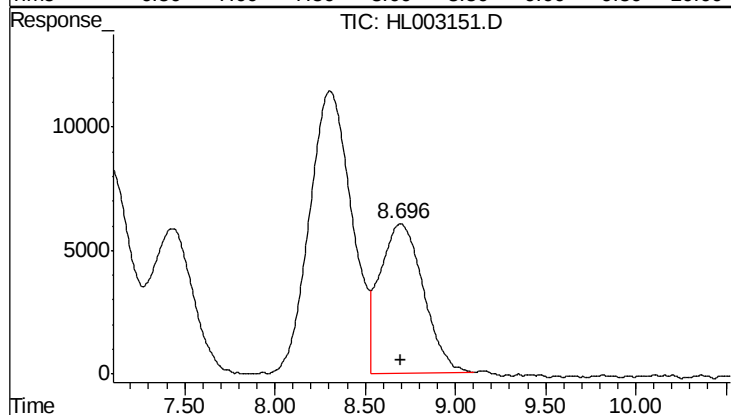
#9 2,4-Dinitrotoluene

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 1859186
Conc: 114.54 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63409BS1

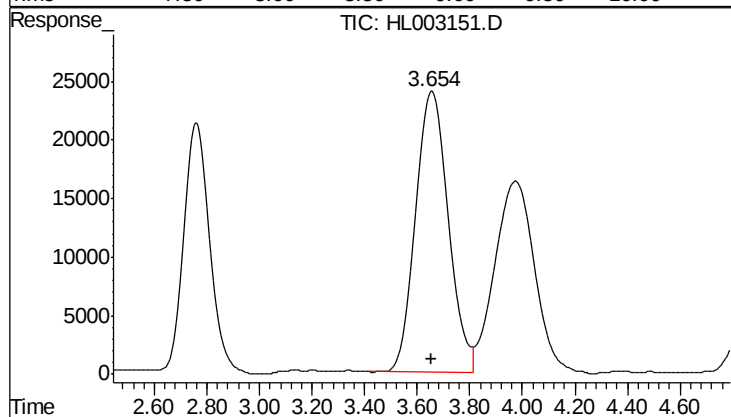
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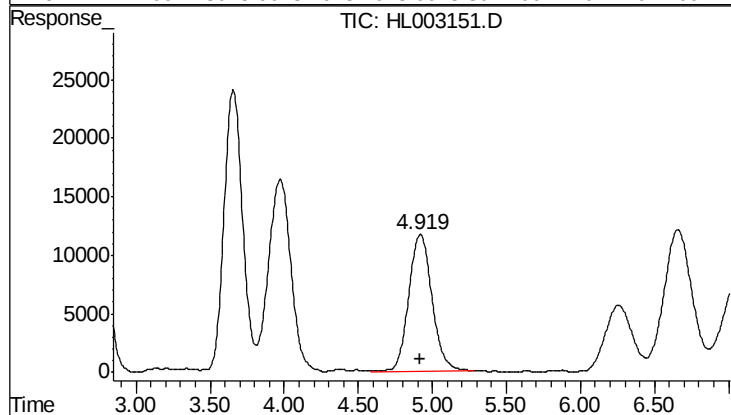
#10 2,6-Dinitrotoluene

R.T.: 8.696 min
Delta R.T.: -0.001 min
Response: 1012370
Conc: 112.70 ug/L



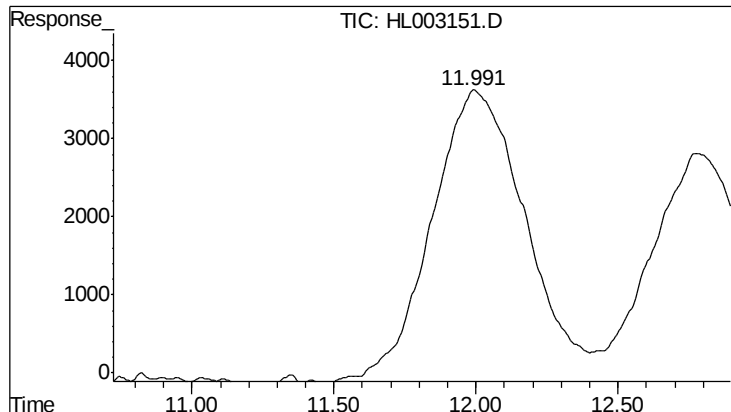
#11 1,3-Dinitrobenzene

R.T.: 3.656 min
Delta R.T.: 0.002 min
Response: 2069581
Conc: 117.83 ug/L



#12 Nitrobenzene

R.T.: 4.921 min
Delta R.T.: 0.004 min
Response: 1282858
Conc: 116.13 ug/L



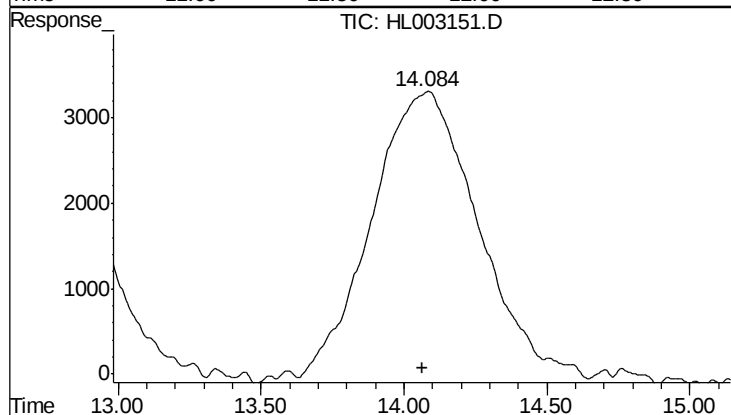
#13 2-Nitrotoluene

R.T.: 11.998 min
Delta R.T.: -0.005 min
Response: 893837
Conc: 128.57 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63409BS1

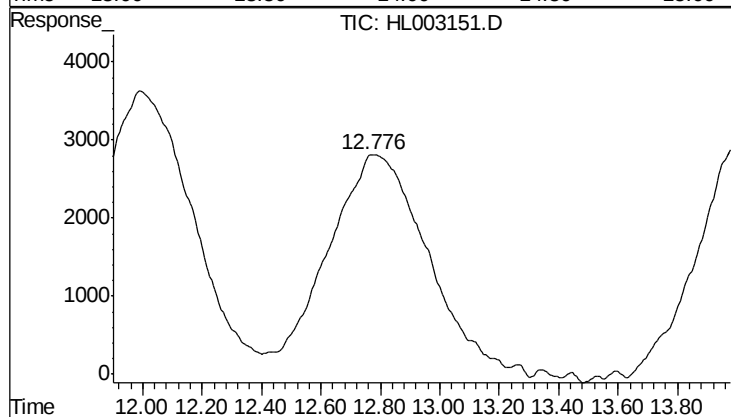
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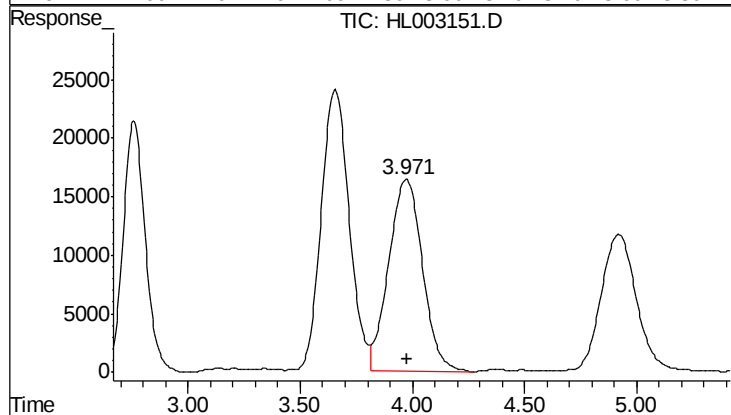
#14 3-Nitrotoluene

R.T.: 14.083 min
Delta R.T.: 0.020 min
Response: 884240
Conc: 117.44 ug/L



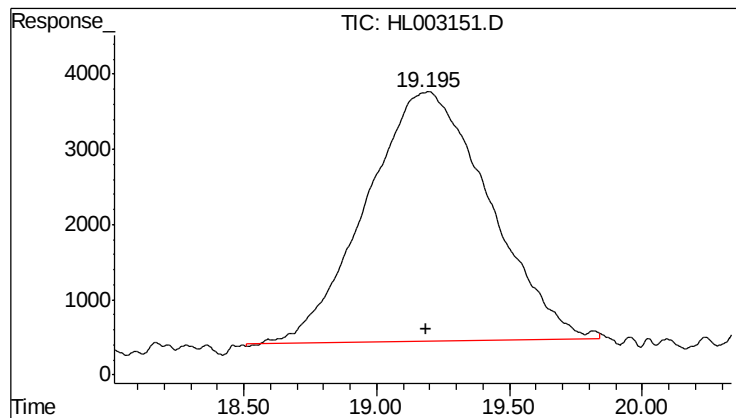
#15 4-Nitrotoluene

R.T.: 12.783 min
Delta R.T.: -0.002 min
Response: 740720
Conc: 125.70 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 1724366
Conc: 96.67 ug/L



#18 PETN

R.T.: 19.195 min
Delta R.T.: 0.007 min
Response: 1067668
Conc: 104.75 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB63409BS1

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Data Path : X:\HPCHEM1\HPLC_L\Data\HL060112\
 Data File : HL003151.D
 Signal(s) : VWD1A.CH
 Acq On : 02-Jun-2012, 00:09
 Operator : HLM
 Sample : PB63409BS1
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 PB63409BS1

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Integration File: events.e
 Quant Time: Jun 05 04:01:54 2012
 Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL050312.M
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Mon Jun 04 10:17:03 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	1.366	598796	163.656 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 54.55%
Target Compounds			
2) T HMX	0.913	537986	130.690 ug/L
3) T RDX	1.758	661929	117.354 ug/L
4) T 1,3,5-Trinitrobenzene	2.759	1439919	114.819 ug/L
5) T Tetryl	6.256	732616	81.564 ug/L
6) T 2,4,6-Trinitrotoluene	6.659	1623406	135.016 ug/L
7) T 2-Amino-4,6-dinitroto...	7.087	1343836	121.919 ug/L
8) T 4-Amino-2,6-dinitroto...	7.432	938190	123.926 ug/L
9) T 2,4-Dinitrotoluene	8.306	1859186	114.543 ug/L
10) T 2,6-Dinitrotoluene	8.696	1012370	112.703 ug/L
11) T 1,3-Dinitrobenzene	3.656	2069581	117.833 ug/L
12) T Nitrobenzene	4.921	1282858	116.128 ug/L
13) T 2-Nitrotoluene	11.998	893837	128.569 ug/L
14) T 3-Nitrotoluene	14.083	884240	117.445 ug/L
15) T 4-Nitrotoluene	12.783	740720	125.702 ug/L
16) T 3,5-Dinitroaniline	3.973	1724366	96.674 ug/L
18) T PETN	19.195	1067668	104.749 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.