

Data Path : X:\HPCHEM1\HPLC_L\Data\HL061512\
Data File : HL003305.D
Signal(s) : VWD1A.CH
Acq On : 15-Jun-2012, 21:31
Operator : HLM
Sample : PB63732BS1
Misc :
ALS Vial : 25 Sample Multiplier: 1

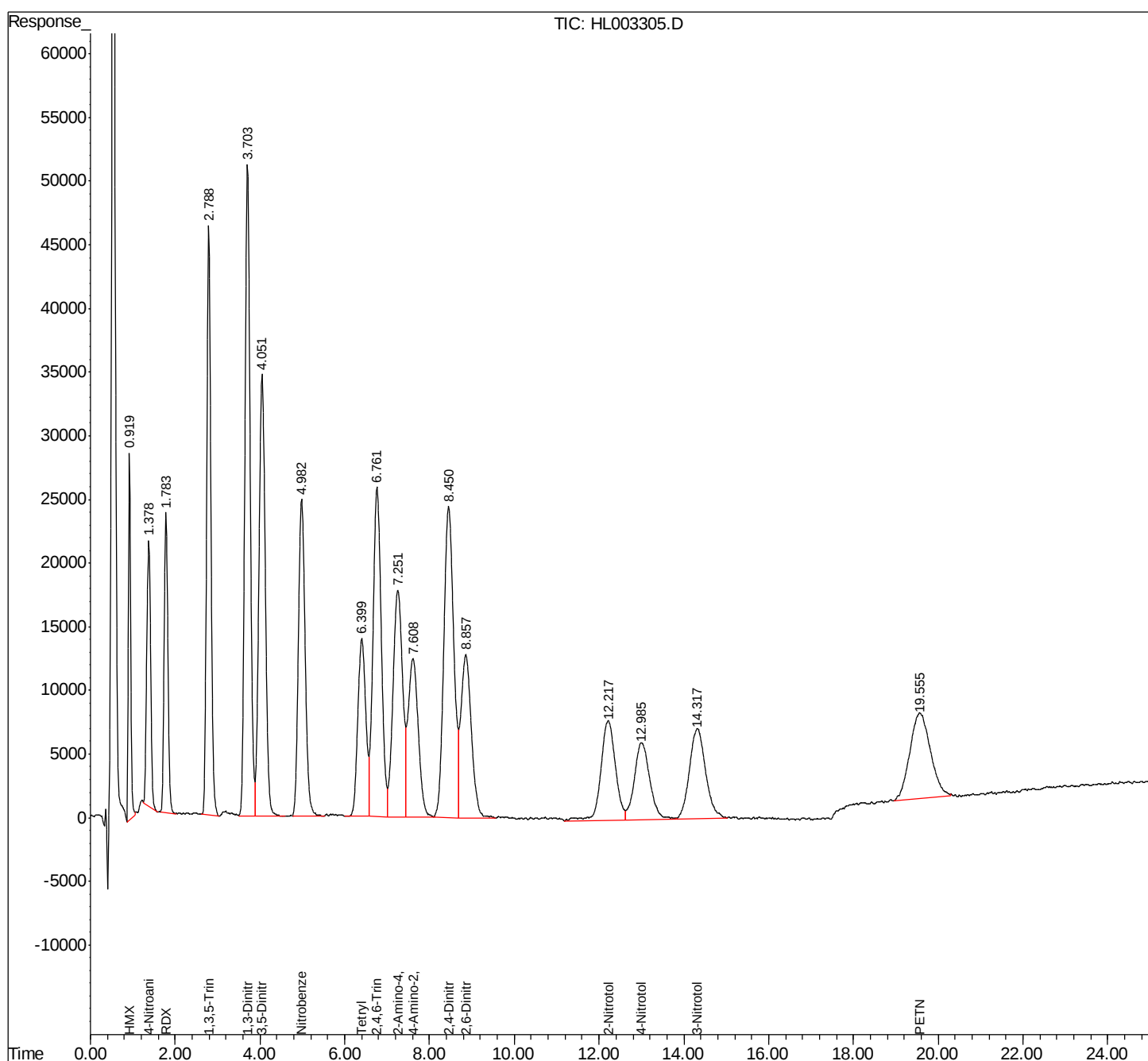
Instrument :
HPLC_L
ClientSampleId :
PB63732BS1

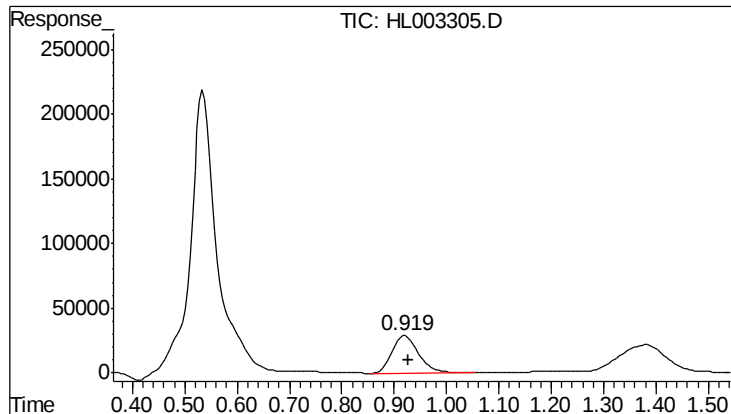
Manual Integrations
APPROVED

AHPatel
6/27/2012 12:44:44 AM

Integration File: events.e
Quant Time: Jun 23 03:46:22 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL060712.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri Jun 22 17:39:50 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





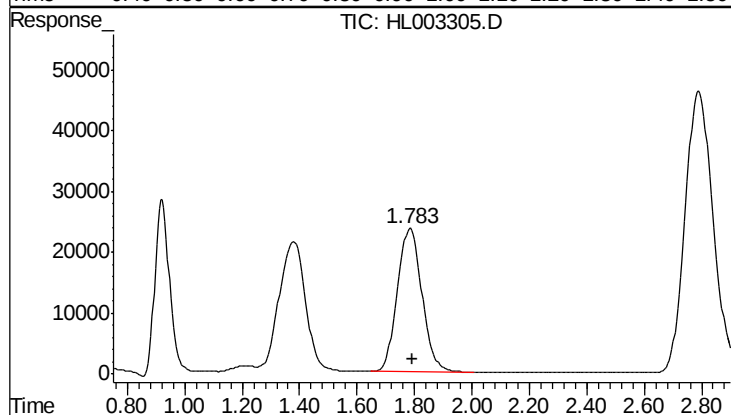
#2 HMX

R.T.: 0.921 min
Delta R.T.: -0.007 min
Response: 1028152
Conc: 221.93 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63732BS1

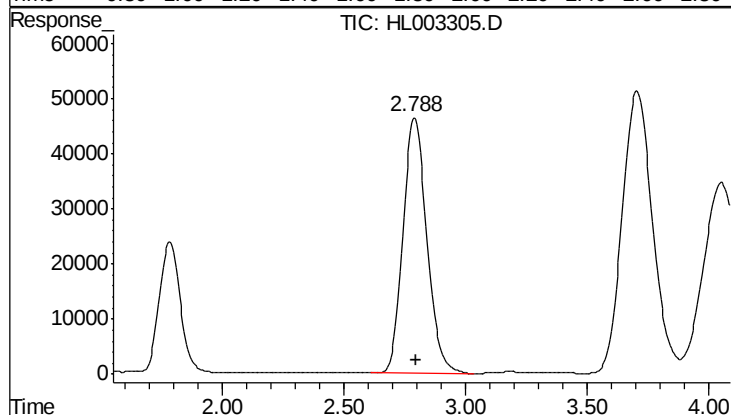
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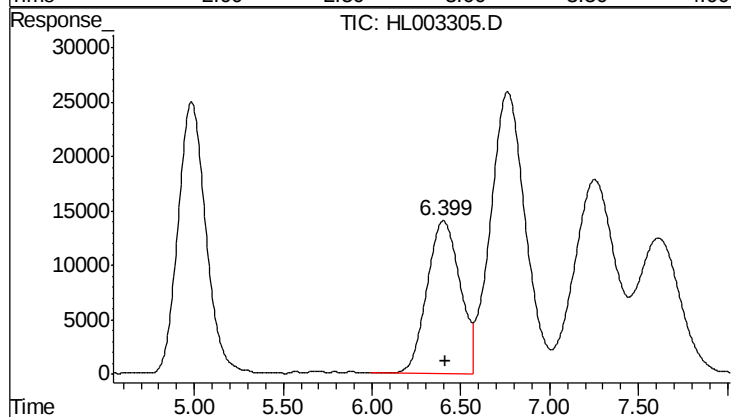
#3 RDX

R.T.: 1.785 min
Delta R.T.: -0.007 min
Response: 1409628
Conc: 248.22 ug/L



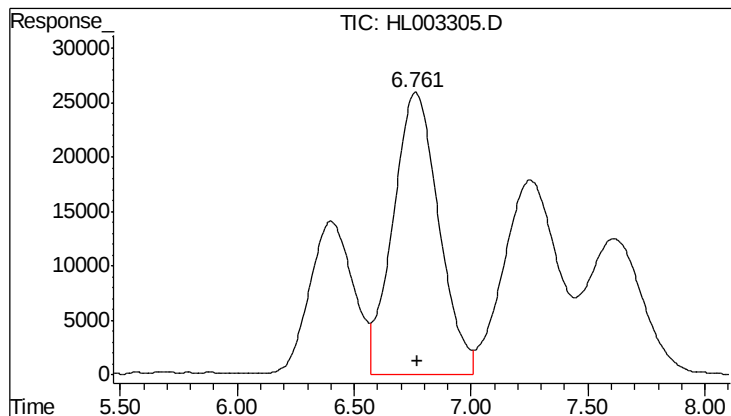
#4 1,3,5-Trinitrobenzene

R.T.: 2.790 min
Delta R.T.: -0.006 min
Response: 3175287
Conc: 260.13 ug/L



#5 Tetryl

R.T.: 6.401 min
Delta R.T.: -0.014 min
Response: 1806233
Conc: 202.59 ug/L



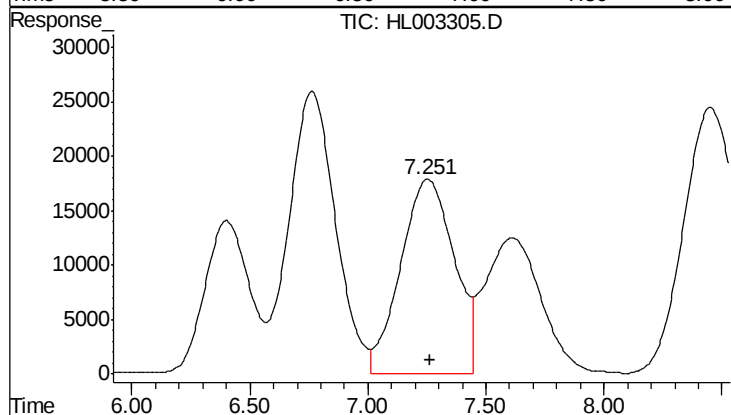
#6 2,4,6-Trinitrotoluene

R.T.: 6.763 min
Delta R.T.: -0.010 min
Response: 3520577
Conc: 298.88 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63732BS1

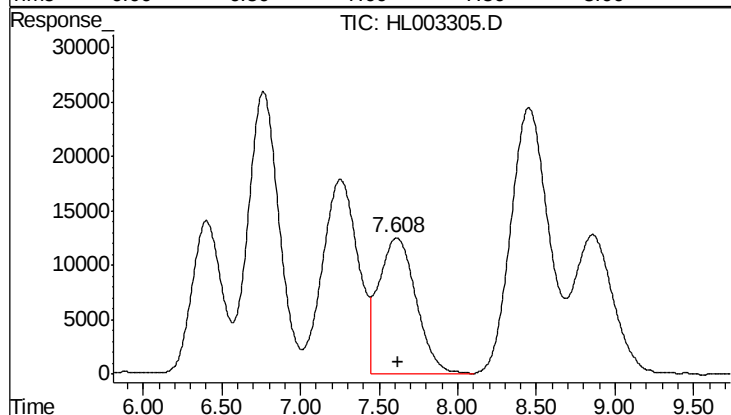
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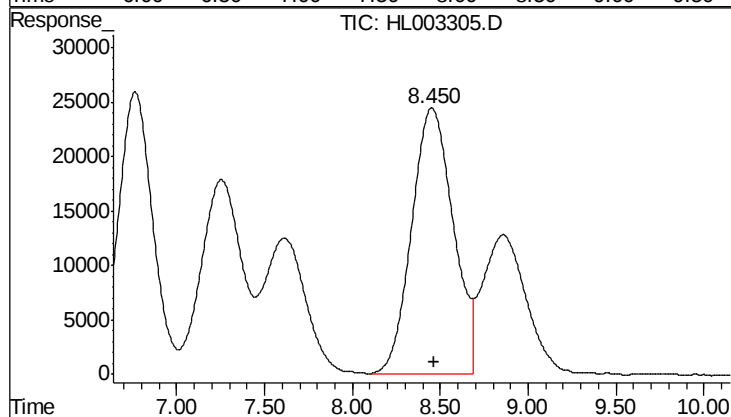
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.253 min
Delta R.T.: -0.011 min
Response: 2812256
Conc: 251.82 ug/L



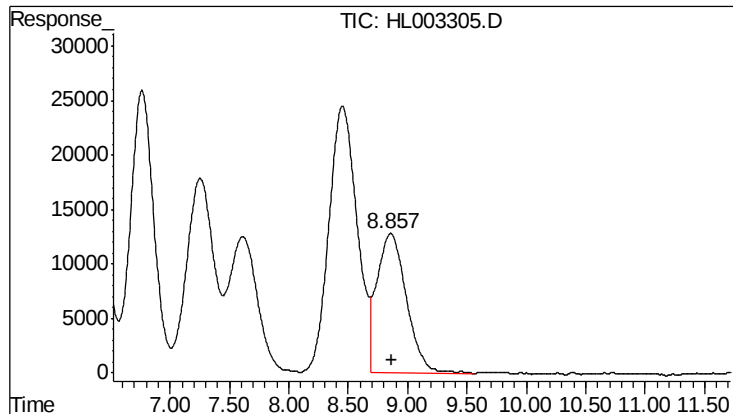
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.611 min
Delta R.T.: -0.013 min
Response: 2073734
Conc: 274.79 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.452 min
Delta R.T.: -0.009 min
Response: 4034678
Conc: 254.75 ug/L



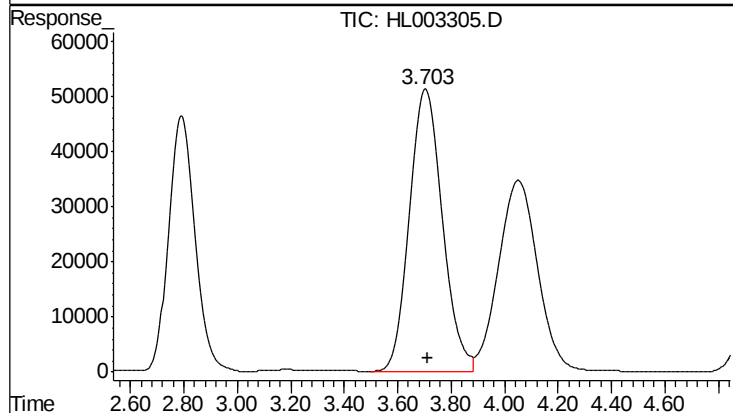
#10 2,6-Dinitrotoluene

R.T.: 8.858 min
 Delta R.T.: -0.007 min
 Response: 2240483
 Conc: 254.54 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 PB63732BS1

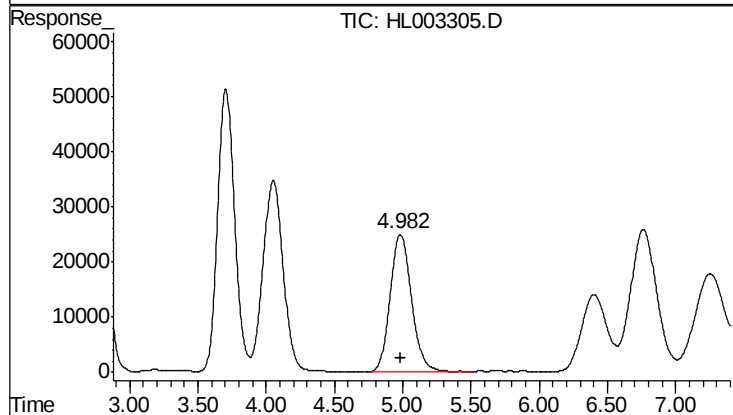
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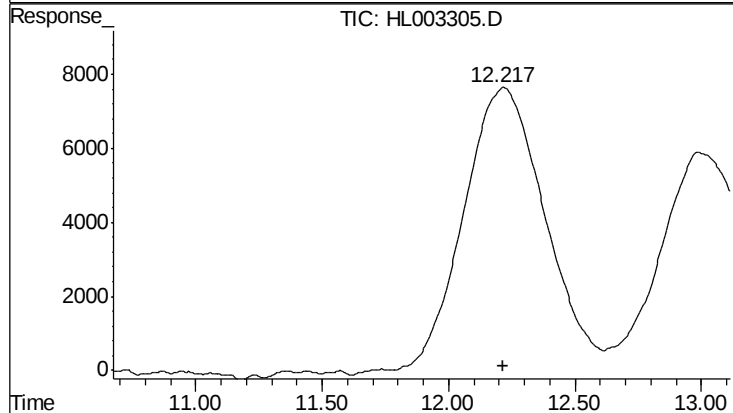
#11 1,3-Dinitrobenzene

R.T.: 3.705 min
 Delta R.T.: -0.006 min
 Response: 4440176
 Conc: 267.39 ug/L



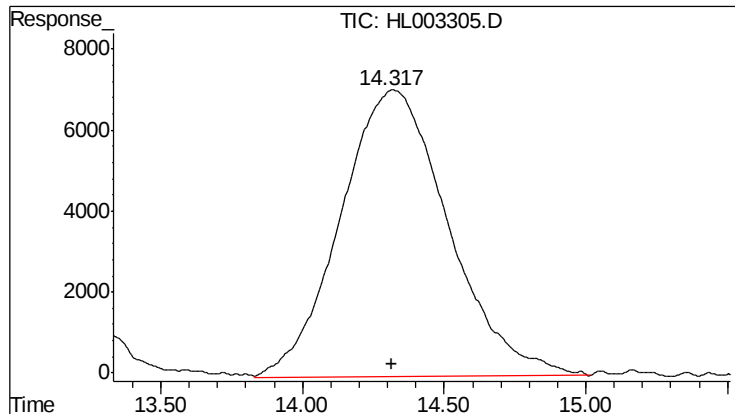
#12 Nitrobenzene

R.T.: 4.984 min
 Delta R.T.: -0.004 min
 Response: 2723635
 Conc: 243.17 ug/L



#13 2-Nitrotoluene

R.T.: 12.218 min
 Delta R.T.: 0.001 min
 Response: 1864252
 Conc: 267.26 ug/L



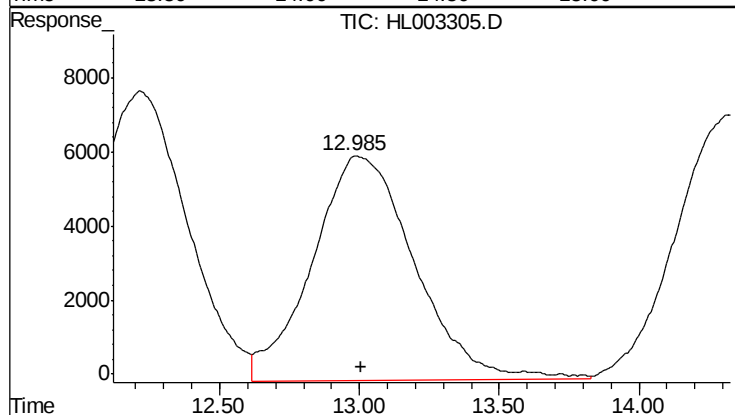
#14 3-Nitrotoluene

R.T.: 14.322 min
 Delta R.T.: 0.007 min
 Response: 1885319
 Conc: 255.31 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 PB63732BS1

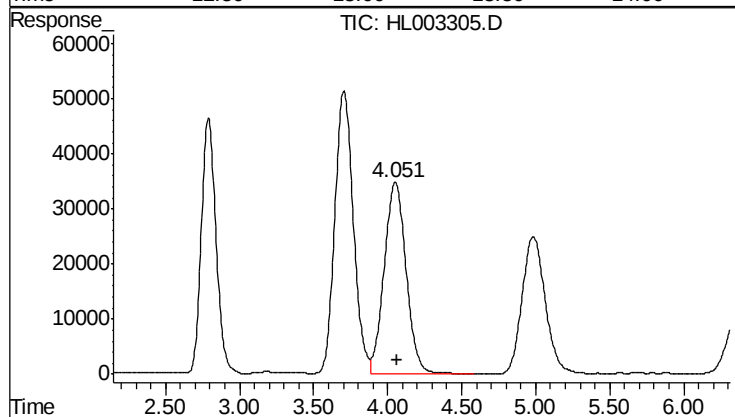
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AHPatel
 6/27/2012 12:44:44 AM



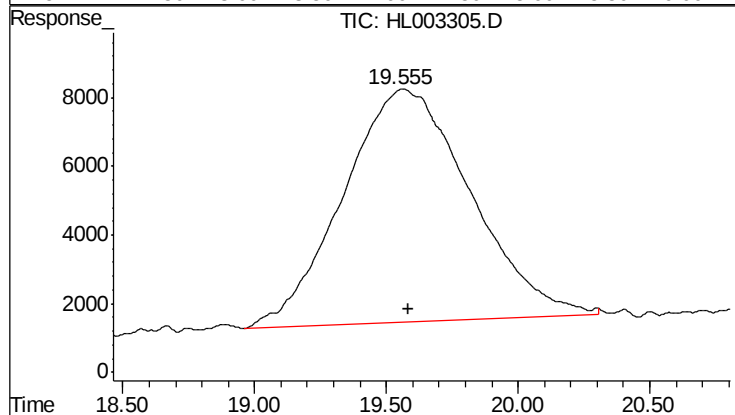
#15 4-Nitrotoluene

R.T.: 12.994 min
 Delta R.T.: -0.014 min
 Response: 1542689
 Conc: 259.46 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.052 min
 Delta R.T.: -0.013 min
 Response: 3583101
 Conc: 188.41 ug/L



#18 PETN

R.T.: 19.555 min
 Delta R.T.: -0.030 min
 Response: 2289238
 Conc: 237.66 ug/L m

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 QLast Update : Fri Jun 22 17:39:50 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	1.380	1296049	356.364 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 118.79%
Target Compounds			
2) T HMX	0.921	1028152	221.934 ug/L
3) T RDX	1.785	1409628	248.217 ug/L
4) T 1,3,5-Trinitrobenzene	2.790	3175287	260.128 ug/L
5) T Tetryl	6.401	1806233	202.589 ug/L
6) T 2,4,6-Trinitrotoluene	6.763	3520577	298.882 ug/L
7) T 2-Amino-4,6-dinitroto...	7.253	2812256	251.819 ug/L
8) T 4-Amino-2,6-dinitroto...	7.611	2073734	274.785 ug/L
9) T 2,4-Dinitrotoluene	8.452	4034678	254.751 ug/L
10) T 2,6-Dinitrotoluene	8.858	2240483	254.538 ug/L
11) T 1,3-Dinitrobenzene	3.705	4440176	267.392 ug/L
12) T Nitrobenzene	4.984	2723635	243.170 ug/L
13) T 2-Nitrotoluene	12.218	1864252	267.257 ug/L
14) T 3-Nitrotoluene	14.322	1885319	255.308 ug/L
15) T 4-Nitrotoluene	12.994	1542689	259.455 ug/L
16) T 3,5-Dinitroaniline	4.052	3583101	188.409 ug/L
18) T PETN	19.555	2289238	237.663 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.