

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060712\
Data File : HL003181.D
Signal(s) : VWD1A.CH
Acq On : 07-Jun-2012, 20:32
Operator : HLM
Sample : PB63611BS1
Misc :
ALS Vial : 22 Sample Multiplier: 1

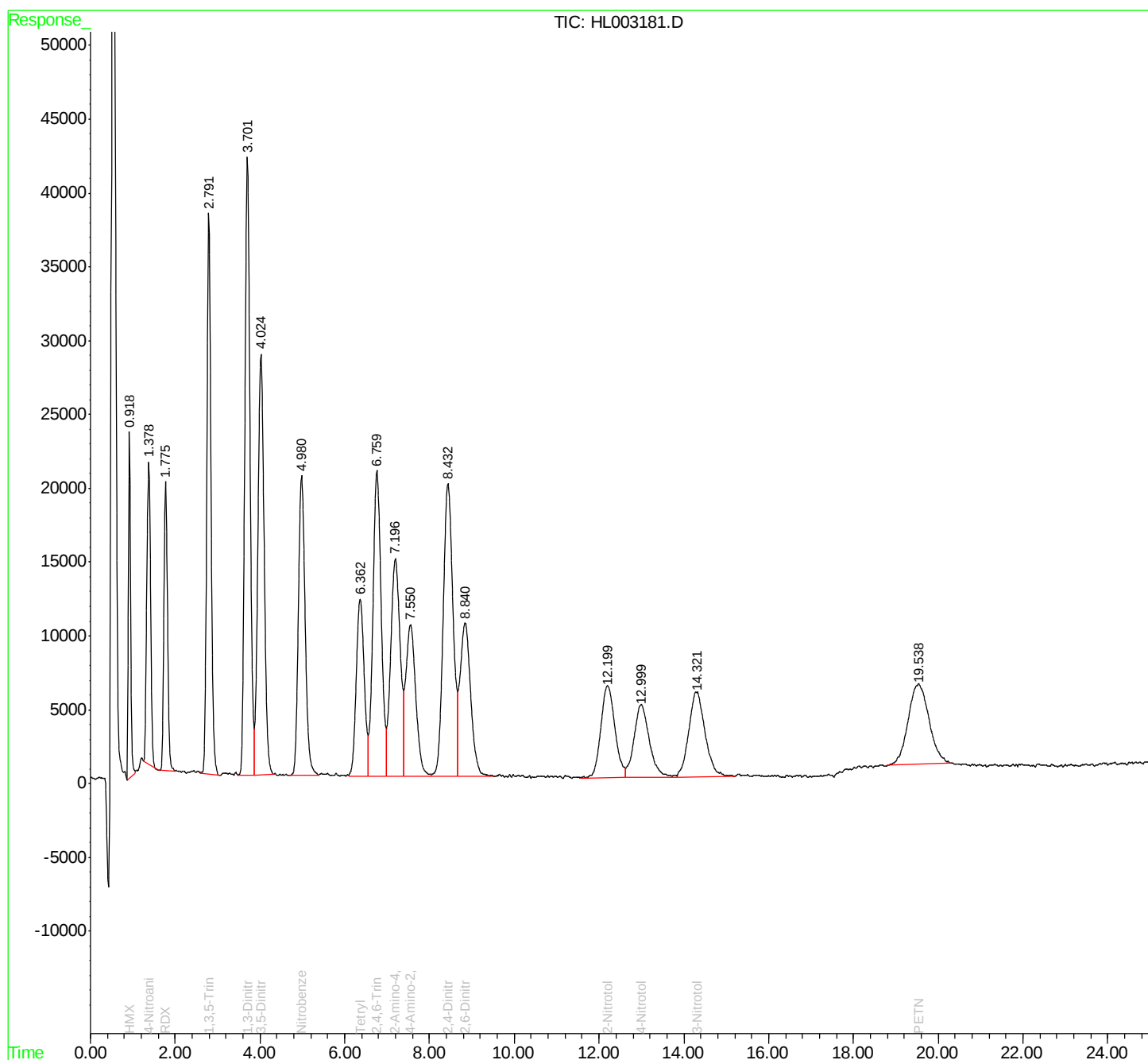
Instrument :
HPLC_L
ClientSampleId :
PB63611BS1

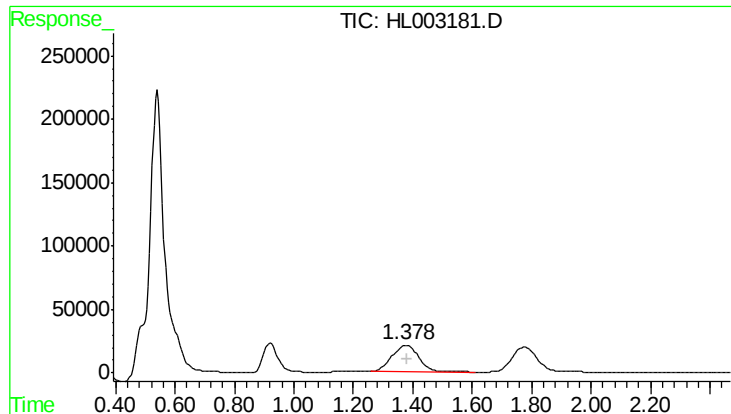
Manual Integrations
APPROVED

AHPatel
6/19/2012 2:12:00 AM

Integration File: events.e
Quant Time: Jun 14 06:54:36 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 08 13:33:08 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





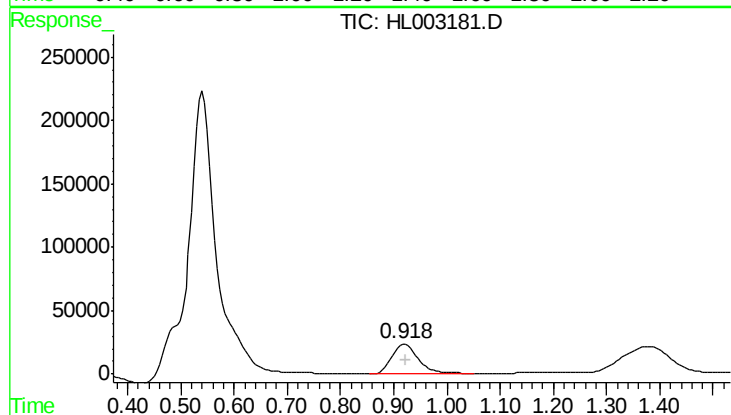
#1 4-Nitroaniline

R.T.: 1.380 min
 Delta R.T.: -0.002 min
 Response: 1250653
 Conc: 343.88 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 PB63611BS1

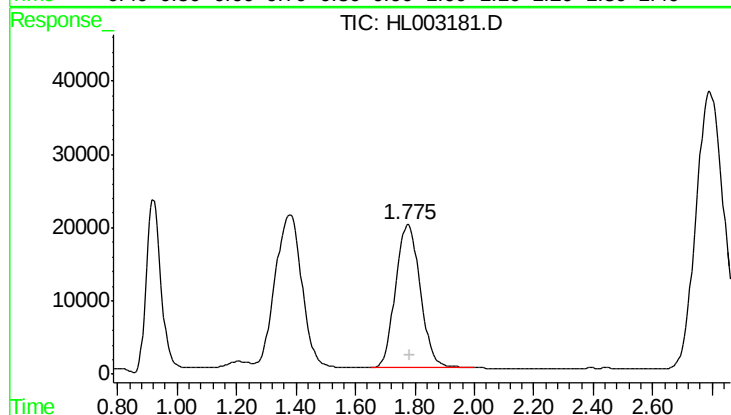
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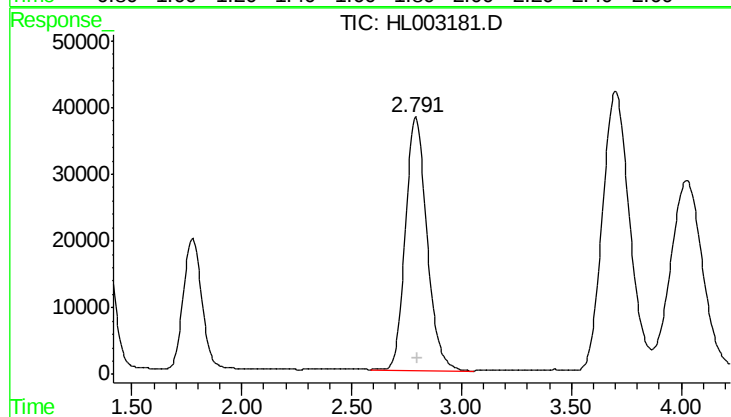
#2 HMX

R.T.: 0.920 min
 Delta R.T.: -0.002 min
 Response: 806711
 Conc: 178.05 ug/L



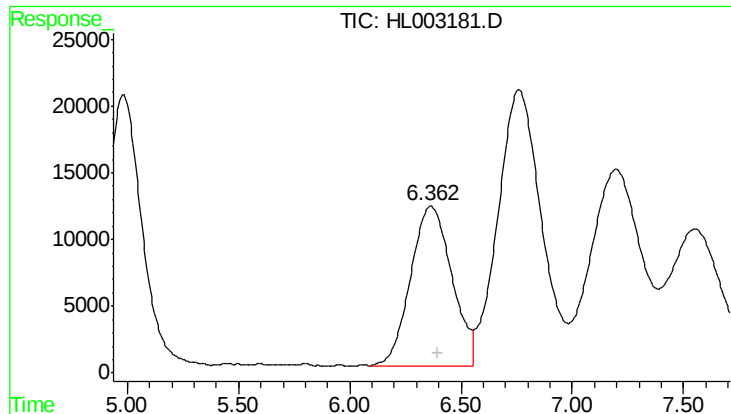
#3 RDX

R.T.: 1.777 min
 Delta R.T.: -0.004 min
 Response: 1136497
 Conc: 200.12 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.793 min
 Delta R.T.: -0.008 min
 Response: 2579336
 Conc: 211.31 ug/L



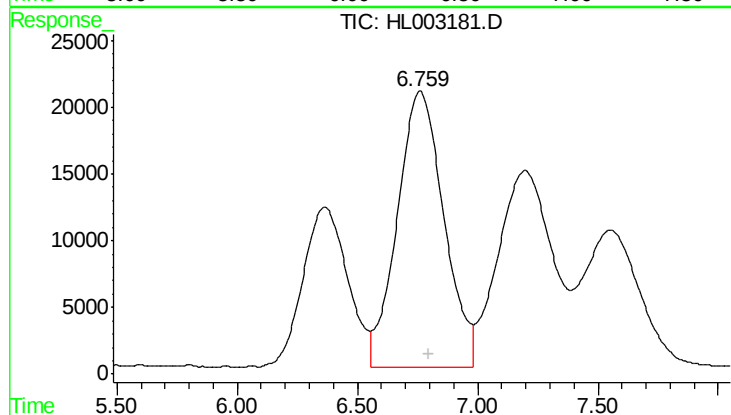
#5 Tetryl

R.T.: 6.364 min
Delta R.T.: -0.034 min
Response: 1548185
Conc: 173.65 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63611BS1

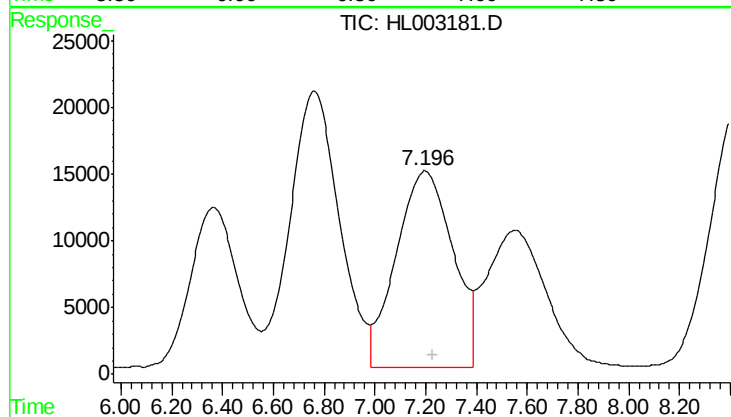
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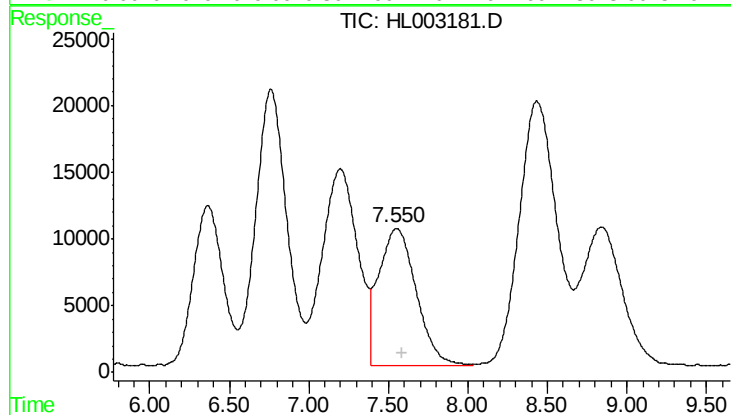
#6 2,4,6-Trinitrotoluene

R.T.: 6.761 min
Delta R.T.: -0.035 min
Response: 2790264
Conc: 236.88 ug/L



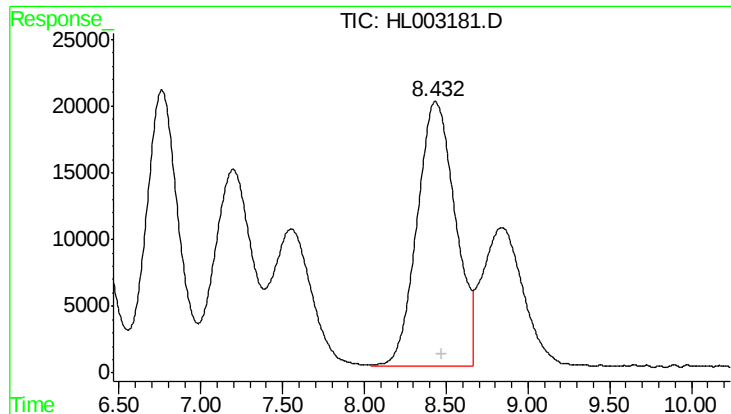
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.198 min
Delta R.T.: -0.030 min
Response: 2297953
Conc: 205.77 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.552 min
Delta R.T.: -0.036 min
Response: 1698190
Conc: 225.02 ug/L



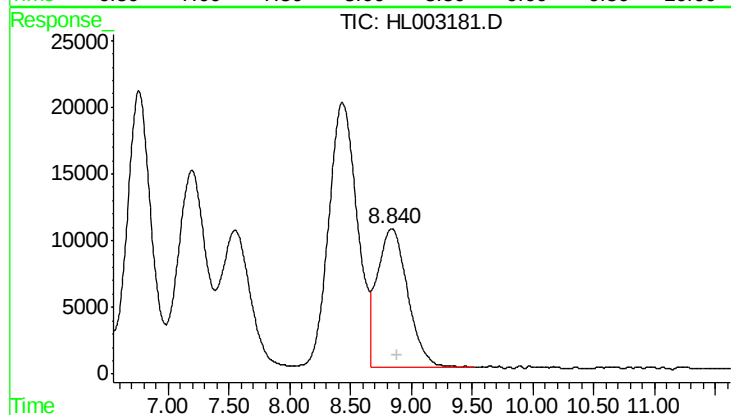
#9 2,4-Dinitrotoluene

R.T.: 8.435 min
Delta R.T.: -0.041 min
Response: 3235507
Conc: 204.29 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63611BS1

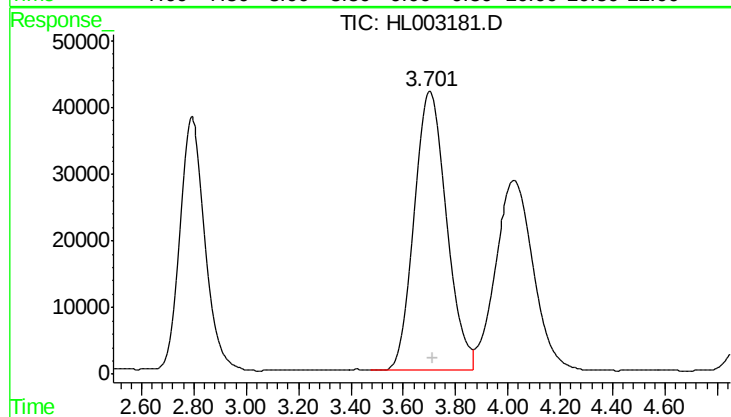
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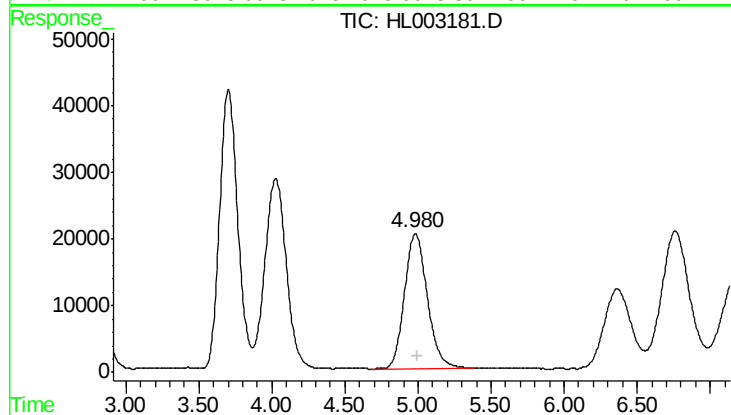
#10 2,6-Dinitrotoluene

R.T.: 8.842 min
Delta R.T.: -0.039 min
Response: 1839252
Conc: 208.95 ug/L



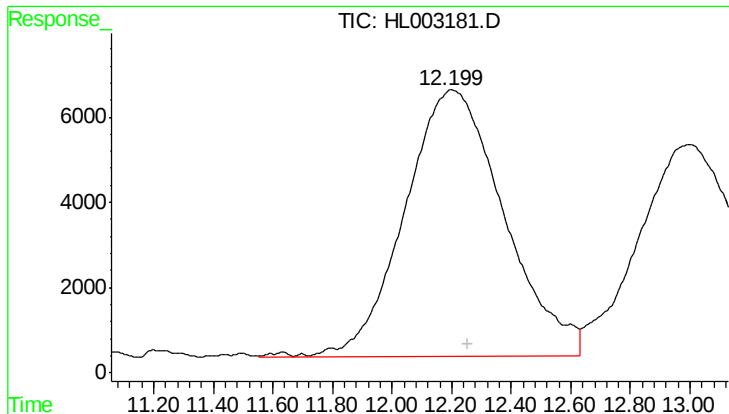
#11 1,3-Dinitrobenzene

R.T.: 3.703 min
Delta R.T.: -0.011 min
Response: 3569969
Conc: 214.99 ug/L



#12 Nitrobenzene

R.T.: 4.982 min
Delta R.T.: -0.018 min
Response: 2212030
Conc: 197.49 ug/L



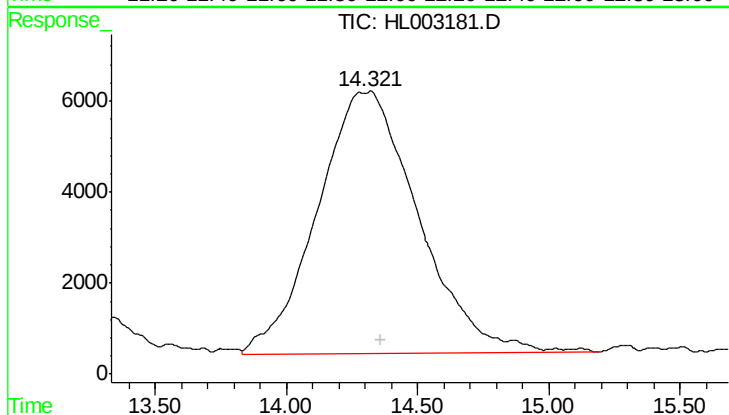
#13 2-Nitrotoluene

R.T.: 12.203 min
Delta R.T.: -0.051 min
Response: 1442296
Conc: 206.77 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63611BS1

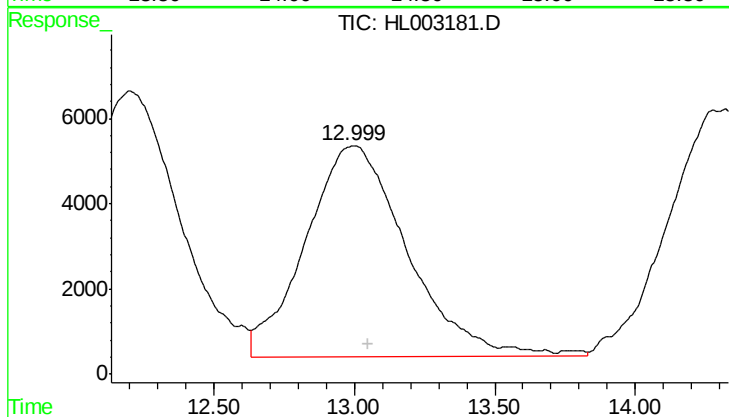
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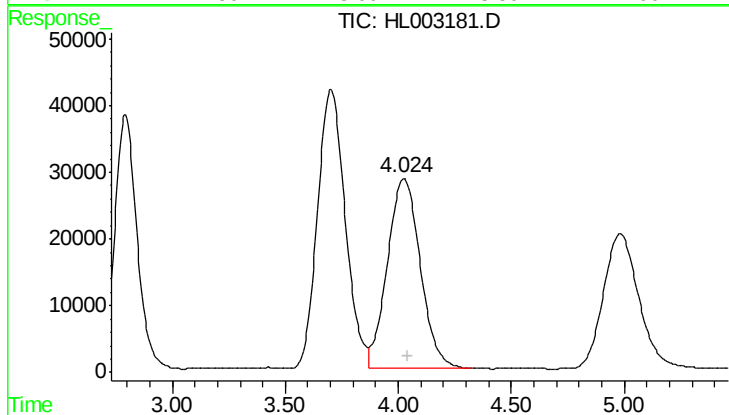
#14 3-Nitrotoluene

R.T.: 14.311 min
Delta R.T.: -0.048 min
Response: 1540035
Conc: 208.55 ug/L



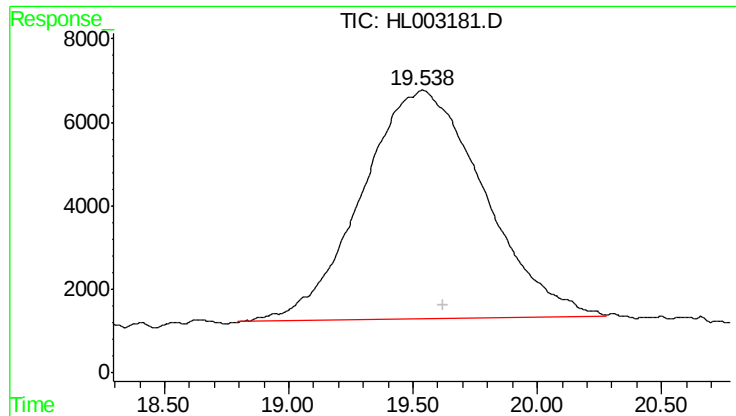
#15 4-Nitrotoluene

R.T.: 12.997 min
Delta R.T.: -0.051 min
Response: 1238829
Conc: 208.35 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.026 min
Delta R.T.: -0.018 min
Response: 2895594
Conc: 152.26 ug/L



#18 PETN

R.T.: 19.538 min
Delta R.T.: -0.084 min
Response: 1858867
Conc: 192.98 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB63611BS1

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 Data File : HL003181.D
 Signal(s) : VWD1A.CH
 Acq On : 07-Jun-2012, 20:32
 Operator : HLM
 Sample : PB63611BS1
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 PB63611BS1

Manual Integrations
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 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
 QLast Update : Fri Jun 08 13:33:08 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	1250653	343.881 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 114.63%
Target Compounds			
2) T HMX	0.920	806711	178.050 ug/L
3) T RDX	1.777	1136497	200.122 ug/L
4) T 1,3,5-Trinitrobenzene	2.793	2579336	211.306 ug/L
5) T Tetryl	6.364f	1548185	173.646 ug/L
6) T 2,4,6-Trinitrotoluene	6.761f	2790264	236.882 ug/L
7) T 2-Amino-4,6-dinitroto...	7.198	2297953	205.767 ug/L
8) T 4-Amino-2,6-dinitroto...	7.552f	1698190	225.023 ug/L
9) T 2,4-Dinitrotoluene	8.435f	3235507	204.291 ug/L
10) T 2,6-Dinitrotoluene	8.842f	1839252	208.955 ug/L
11) T 1,3-Dinitrobenzene	3.703	3569969	214.987 ug/L
12) T Nitrobenzene	4.982	2212030	197.493 ug/L
13) T 2-Nitrotoluene	12.203	1442296	206.766 ug/L
14) T 3-Nitrotoluene	14.311	1540035	208.550 ug/L
15) T 4-Nitrotoluene	12.997	1238829	208.351 ug/L
16) T 3,5-Dinitroaniline	4.026	2895594	152.258 ug/L
18) T PETN	19.538	1858867	192.983 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.