

Data Path : Z:\HPCHEM1\HPLC_L\Data\HL060712\
Data File : HL003194.D
Signal(s) : VWD1A.CH
Acq On : 08-Jun-2012, 02:23
Operator : HLM
Sample : PB63617BS1
Misc :
ALS Vial : 42 Sample Multiplier: 1

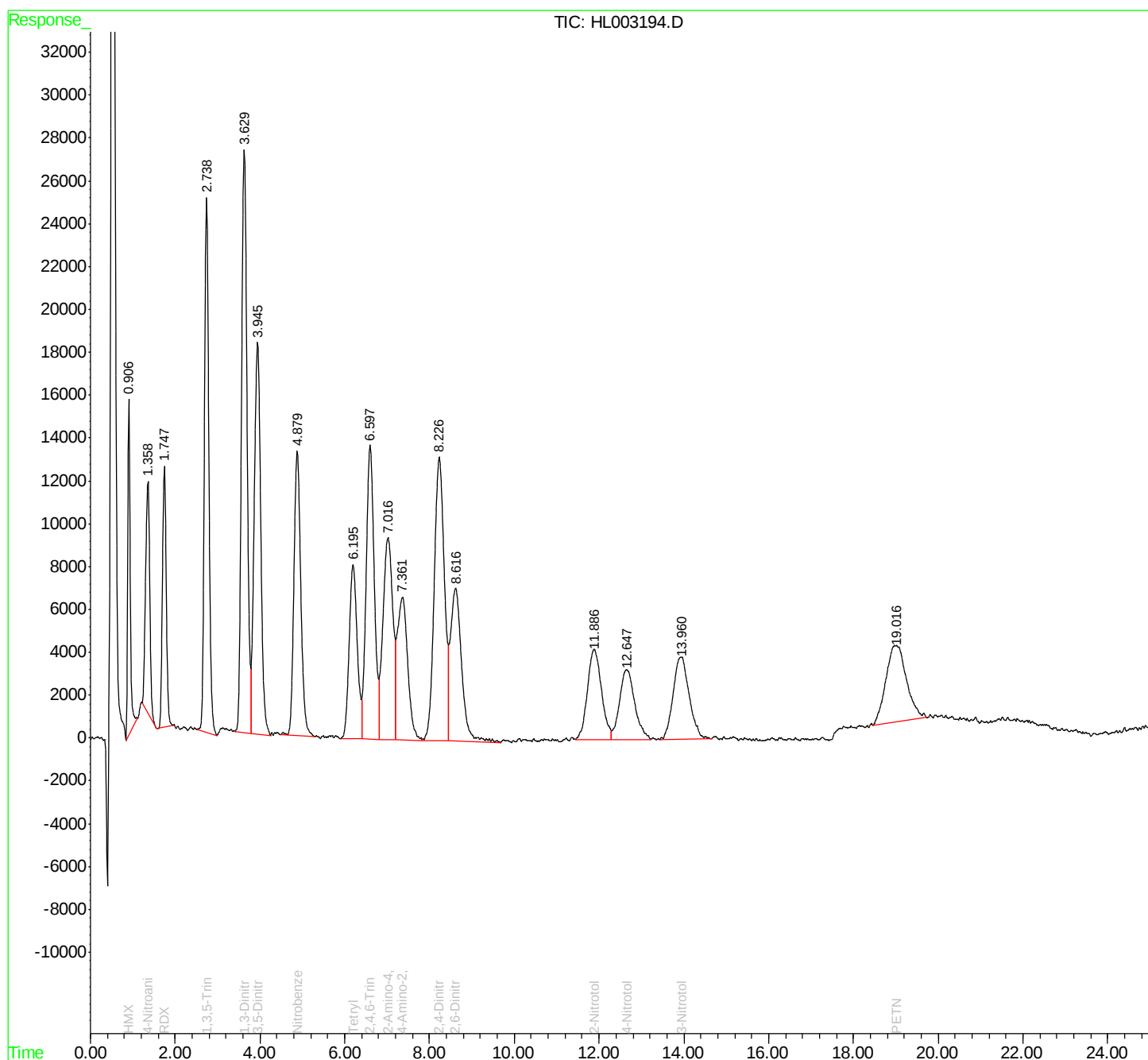
Instrument :
HPLC_L
ClientSampled :
PB63617BS1

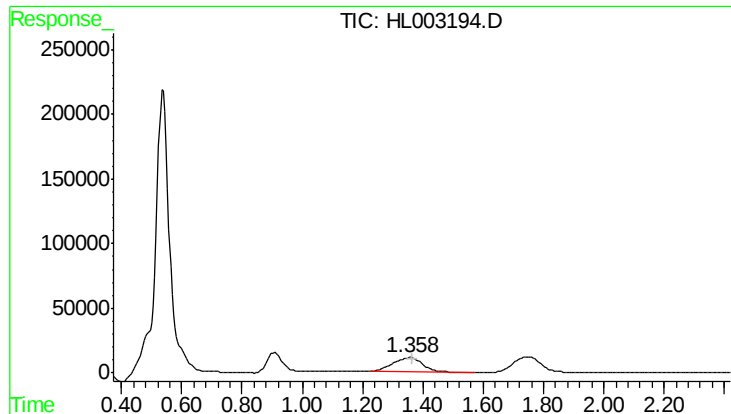
Manual Integrations
APPROVED

AHPatel
6/19/2012 2:12:13 AM

Integration File: events.e
Quant Time: Jun 14 07:15:13 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 14:09:05 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





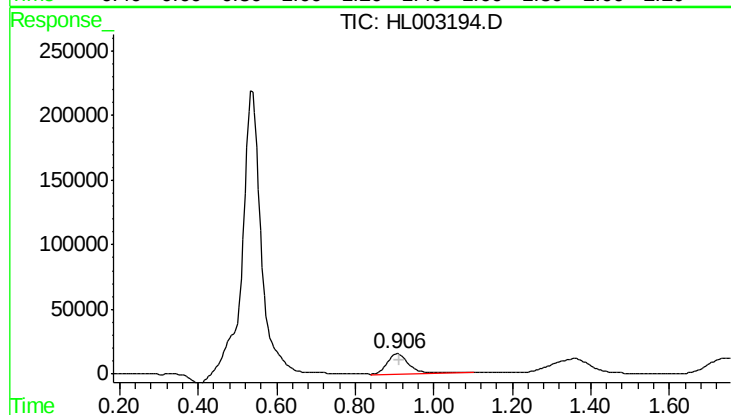
#1 4-Nitroaniline

R.T.: 1.359 min
Delta R.T.: -0.005 min
Response: 713426
Conc: 196.16 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63617BS1

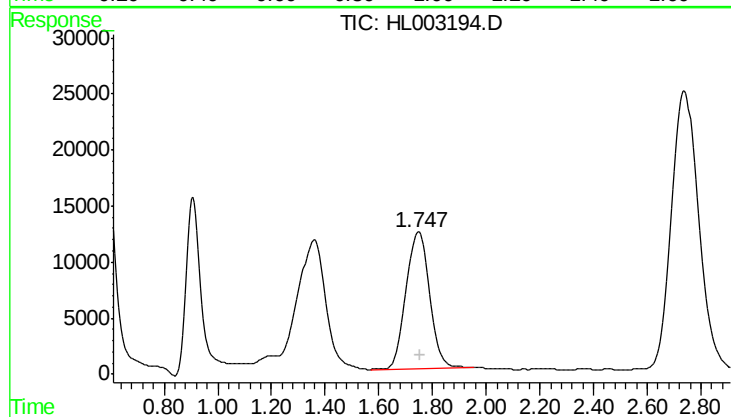
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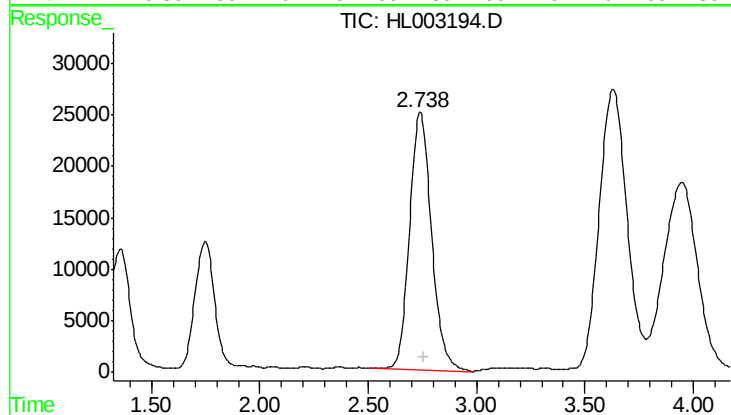
#2 HMX

R.T.: 0.908 min
Delta R.T.: -0.005 min
Response: 590273
Conc: 128.07 ug/L



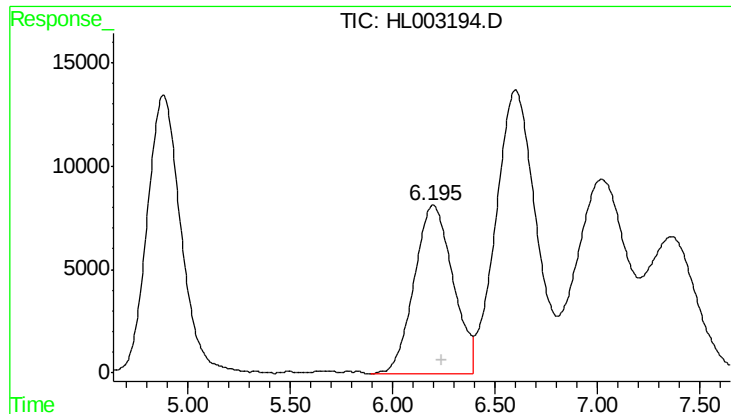
#3 RDX

R.T.: 1.749 min
Delta R.T.: -0.006 min
Response: 757962
Conc: 133.47 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.740 min
Delta R.T.: -0.013 min
Response: 1764355
Conc: 144.54 ug/L



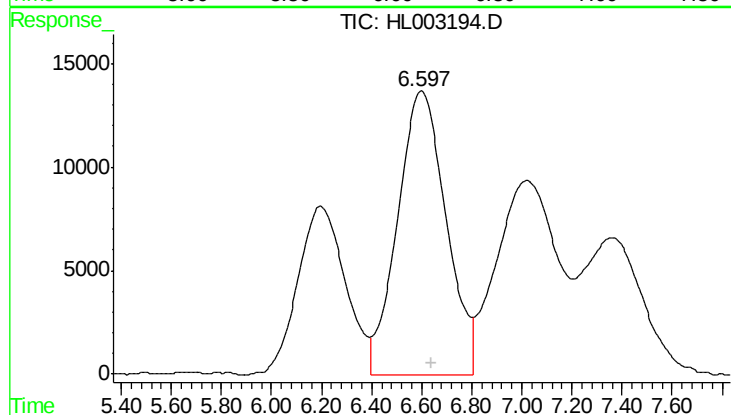
#5 Tetryl

R.T.: 6.197 min
Delta R.T.: -0.040 min
Response: 1072450
Conc: 120.29 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63617BS1

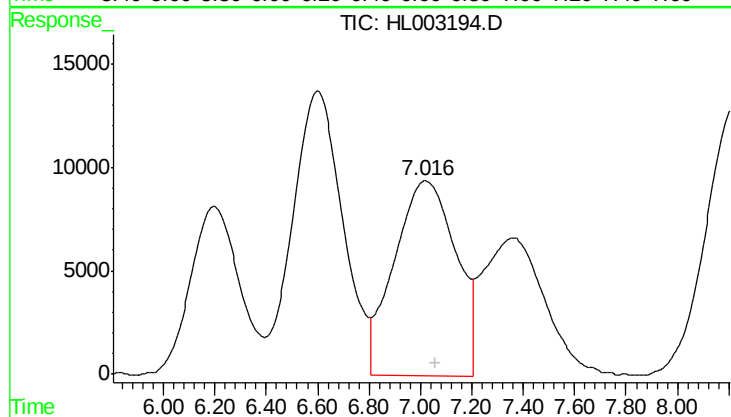
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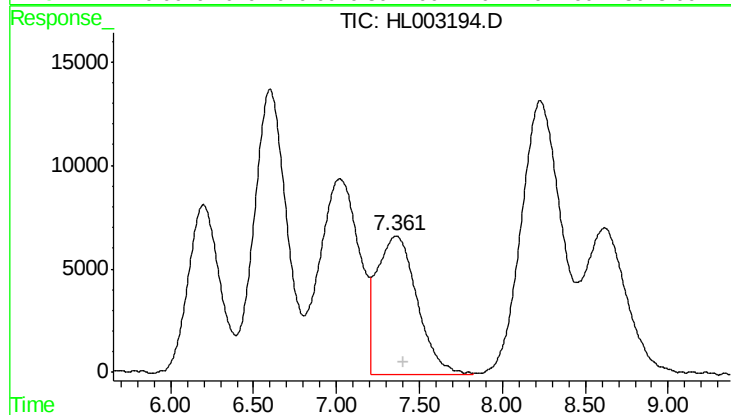
#6 2,4,6-Trinitrotoluene

R.T.: 6.599 min
Delta R.T.: -0.040 min
Response: 1856565
Conc: 157.61 ug/L



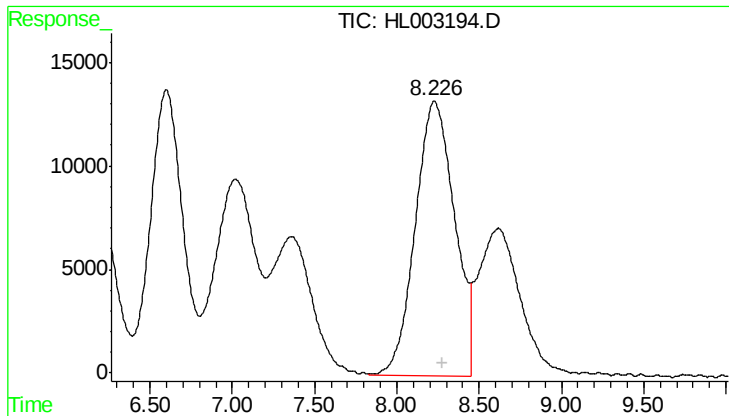
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.021 min
Delta R.T.: -0.040 min
Response: 1577157
Conc: 141.22 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.361 min
Delta R.T.: -0.040 min
Response: 1131484
Conc: 149.93 ug/L



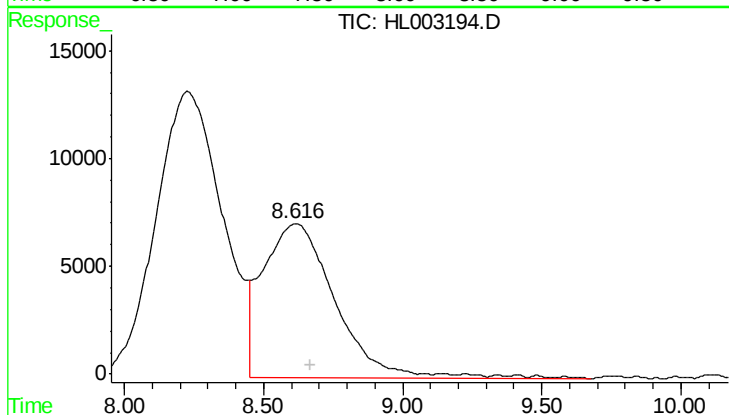
#9 2,4-Dinitrotoluene

R.T.: 8.229 min
Delta R.T.: -0.050 min
Response: 2207866
Conc: 139.41 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63617BS1

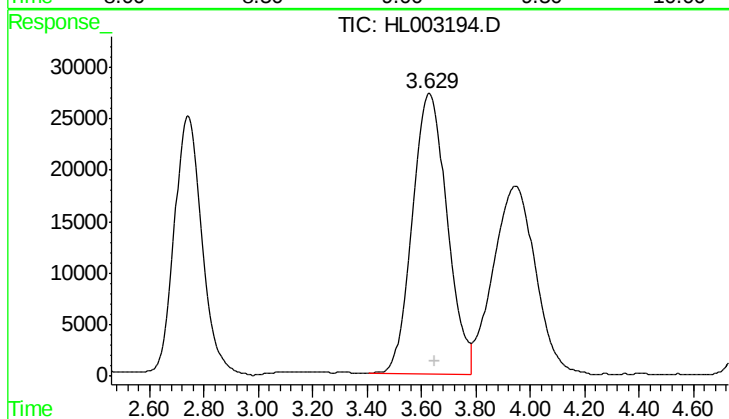
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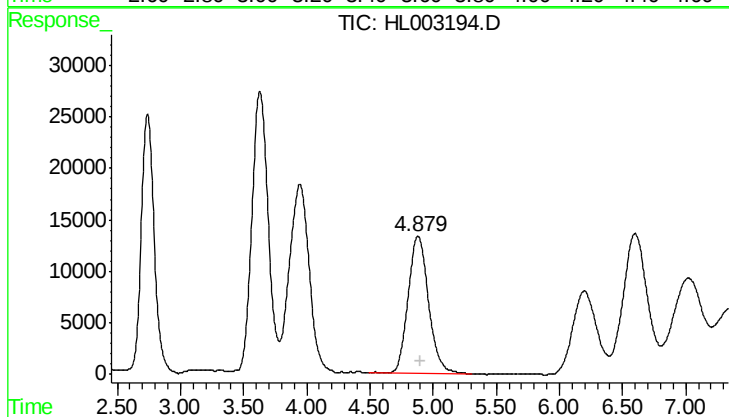
#10 2,6-Dinitrotoluene

R.T.: 8.617 min
Delta R.T.: -0.050 min
Response: 1304148
Conc: 148.16 ug/L



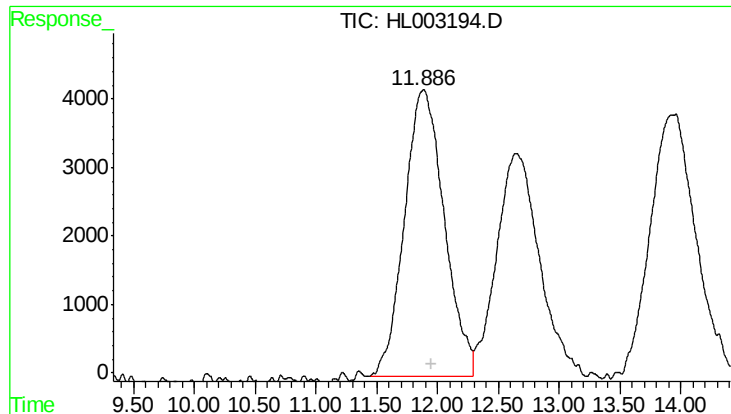
#11 1,3-Dinitrobenzene

R.T.: 3.631 min
Delta R.T.: -0.017 min
Response: 2417102
Conc: 145.56 ug/L



#12 Nitrobenzene

R.T.: 4.881 min
Delta R.T.: -0.024 min
Response: 1504643
Conc: 134.34 ug/L



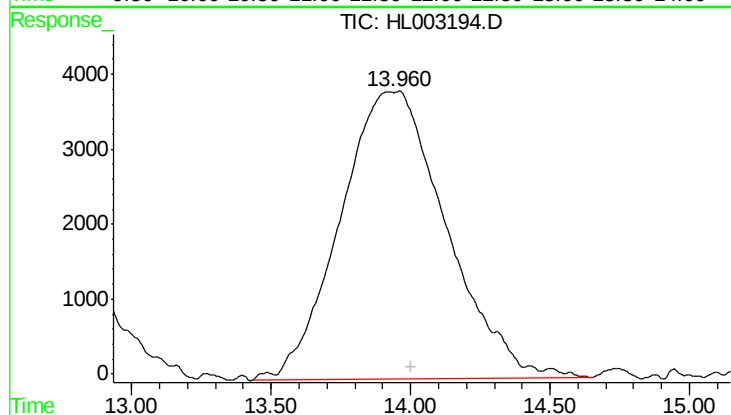
#13 2-Nitrotoluene

R.T.: 11.883 min
Delta R.T.: -0.070 min
Response: 957227
Conc: 137.23 ug/L

Instrument :
HPLC_L
ClientSampleId :
PB63617BS1

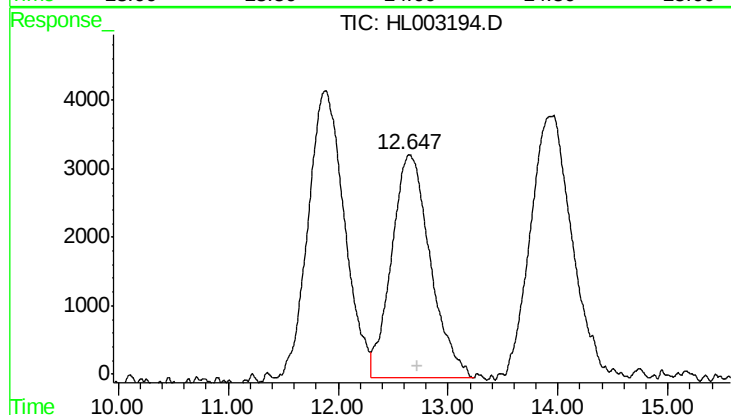
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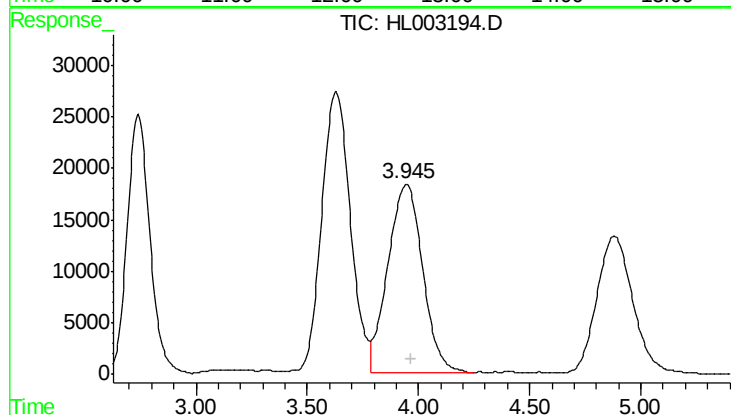
#14 3-Nitrotoluene

R.T.: 13.948 min
Delta R.T.: -0.055 min
Response: 1017684
Conc: 137.81 ug/L



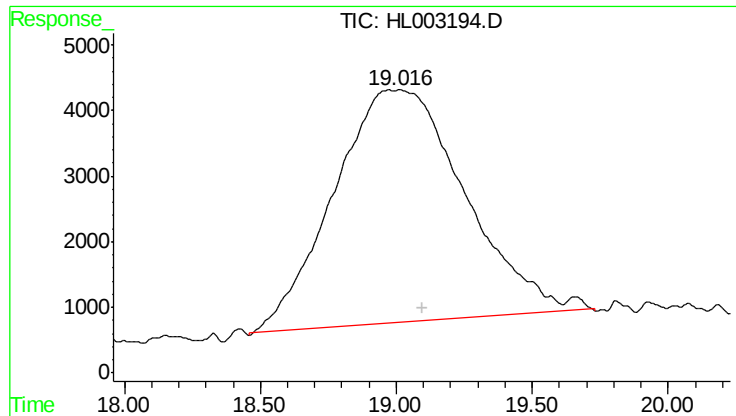
#15 4-Nitrotoluene

R.T.: 12.650 min
Delta R.T.: -0.073 min
Response: 800961
Conc: 134.71 ug/L



#16 3,5-Dinitroaniline

R.T.: 3.947 min
Delta R.T.: -0.023 min
Response: 1996231
Conc: 104.97 ug/L



#18 PETN

R.T.: 19.016 min
Delta R.T.: -0.082 min
Response: 1194106
Conc: 123.97 ug/L m

Instrument :
HPLC_L
ClientSampleId :
PB63617BS1

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 Data File : HL003194.D
 Signal(s) : VWD1A.CH
 Acq On : 08-Jun-2012, 02:23
 Operator : HLM
 Sample : PB63617BS1
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 PB63617BS1

Manual Integrations
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 QLast Update : Fri Jun 08 14:09:05 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	1.359	713426	196.165 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 65.39%
Target Compounds			
2) T HMX	0.908	590273	128.073 ug/L
3) T RDX	1.749	757962	133.467 ug/L
4) T 1,3,5-Trinitrobenzene	2.740	1764355	144.541 ug/L
5) T Tetryl	6.197f	1072450	120.287 ug/L
6) T 2,4,6-Trinitrotoluene	6.599f	1856565	157.614 ug/L
7) T 2-Amino-4,6-dinitroto...	7.021f	1577157	141.224 ug/L
8) T 4-Amino-2,6-dinitroto...	7.361f	1131484	149.930 ug/L
9) T 2,4-Dinitrotoluene	8.229f	2207866	139.406 ug/L
10) T 2,6-Dinitrotoluene	8.617f	1304148	148.162 ug/L
11) T 1,3-Dinitrobenzene	3.631	2417102	145.560 ug/L
12) T Nitrobenzene	4.881f	1504643	134.336 ug/L
13) T 2-Nitrotoluene	11.883f	957227	137.227 ug/L
14) T 3-Nitrotoluene	13.948	1017684	137.813 ug/L
15) T 4-Nitrotoluene	12.650f	800961	134.709 ug/L
16) T 3,5-Dinitroaniline	3.947f	1996231	104.967 ug/L
18) T PETN	19.016	1194106	123.969 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.