

Data Path : X:\HPCHEM1\HPLC_L\Data\HL061512\
Data File : HL003301.D
Signal(s) : VWD1A.CH
Acq On : 15-Jun-2012, 19:42
Operator : HLM
Sample : D3002-07MSD1
Misc :
ALS Vial : 21 Sample Multiplier: 1

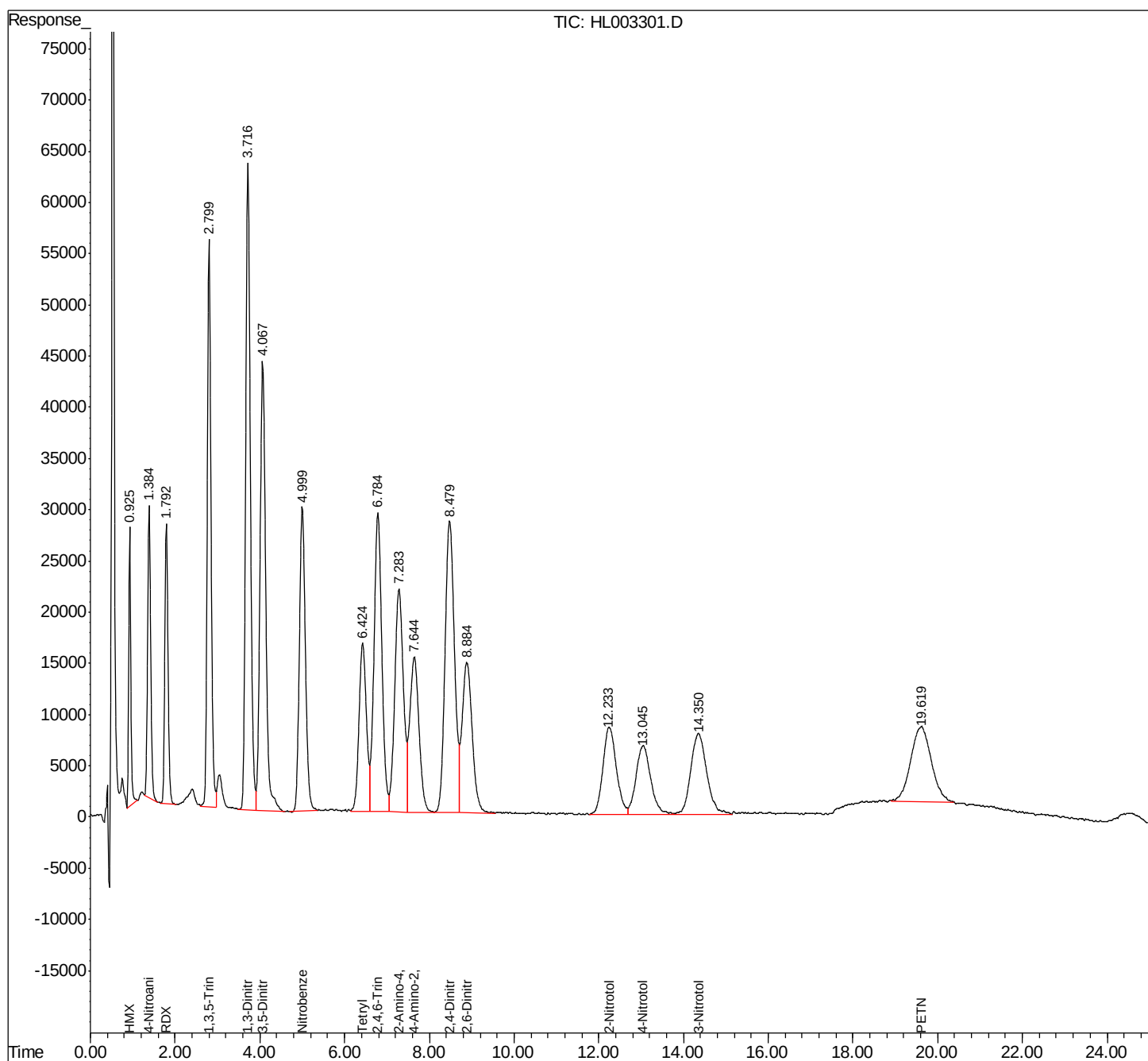
Instrument :
HPLC_L
ClientSampled :
ADV3005MSD1

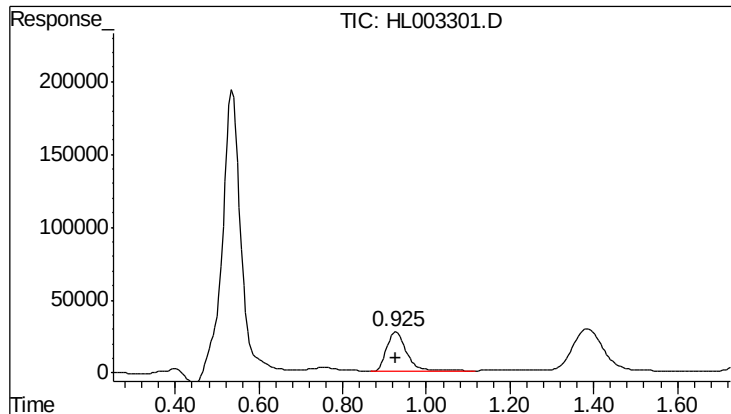
Manual Integrations
APPROVED

AHPatel
6/27/2012 12:44:43 AM

Integration File: events.e
Quant Time: Jun 23 03:46:00 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 :





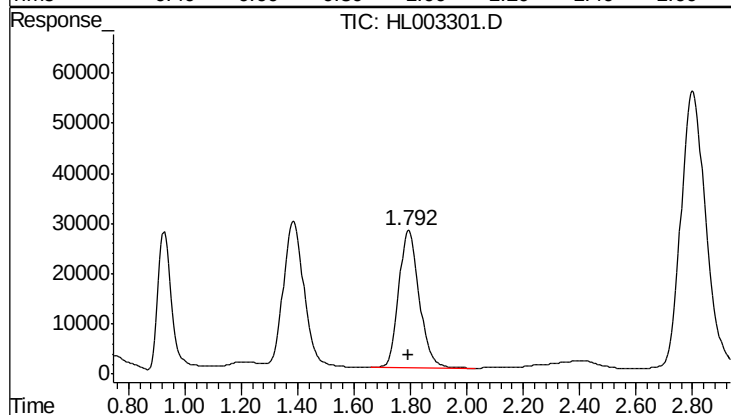
#2 HMX

R.T.: 0.927 min
Delta R.T.: 0.000 min
Response: 896351
Conc: 193.48 ug/L

Instrument :
HPLC_L
ClientSampleId :
ADV3005MSD1

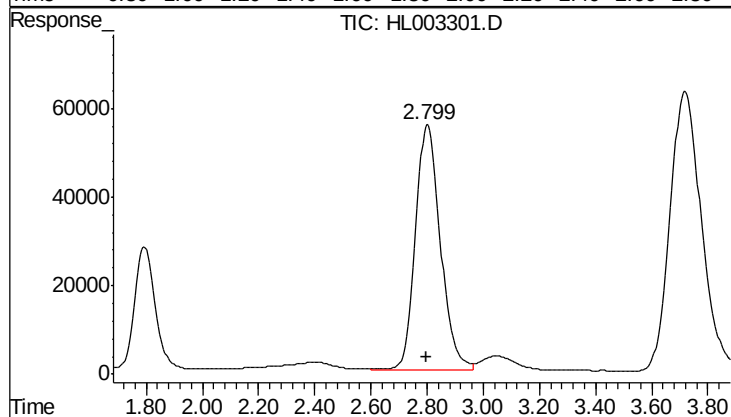
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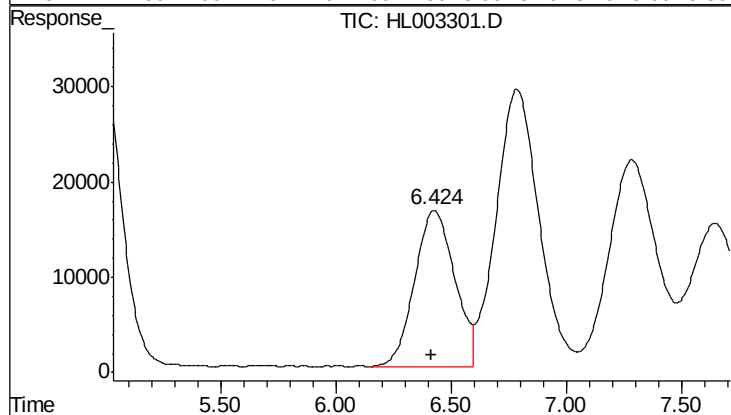
#3 RDX

R.T.: 1.794 min
Delta R.T.: 0.002 min
Response: 1376196
Conc: 242.33 ug/L



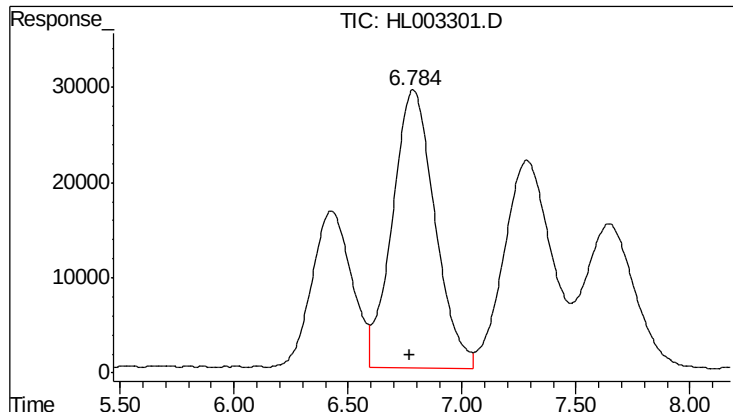
#4 1,3,5-Trinitrobenzene

R.T.: 2.801 min
Delta R.T.: 0.004 min
Response: 3420359
Conc: 280.20 ug/L



#5 Tetryl

R.T.: 6.426 min
Delta R.T.: 0.011 min
Response: 2005545
Conc: 224.94 ug/L



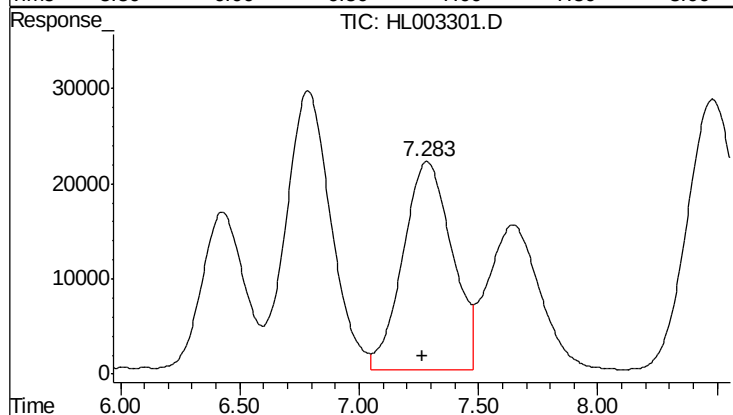
#6 2,4,6-Trinitrotoluene

R.T.: 6.786 min
Delta R.T.: 0.013 min
Response: 3780612
Conc: 320.96 ug/L

Instrument :
HPLC_L
ClientSampleId :
ADV3005MSD1

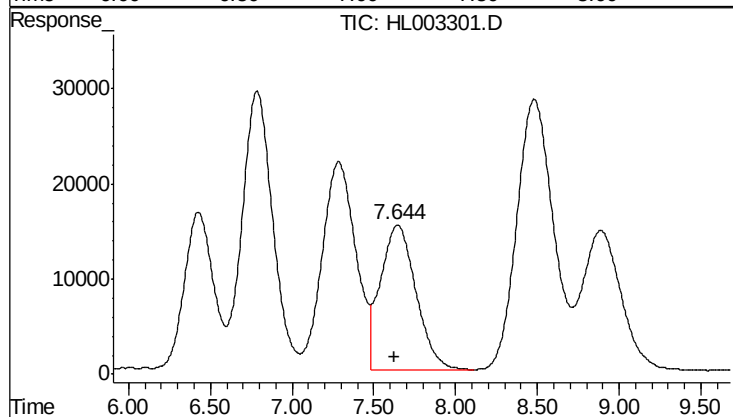
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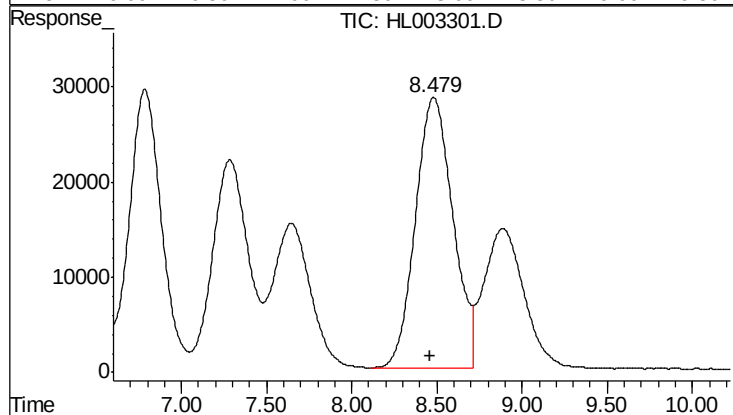
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.285 min
Delta R.T.: 0.021 min
Response: 3120865
Conc: 279.45 ug/L



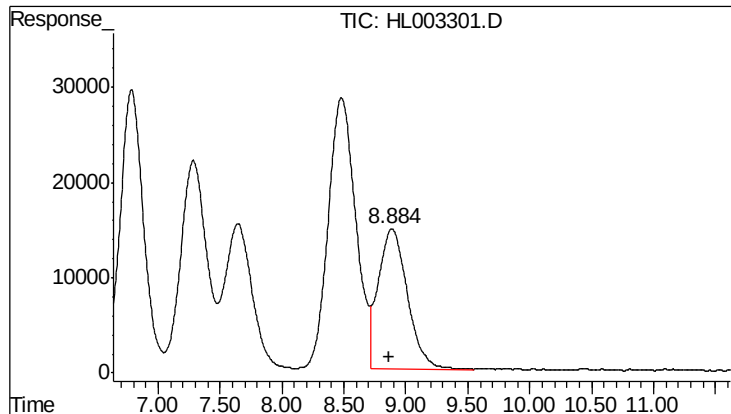
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.646 min
Delta R.T.: 0.022 min
Response: 2312272
Conc: 306.39 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.481 min
Delta R.T.: 0.020 min
Response: 4378134
Conc: 276.44 ug/L



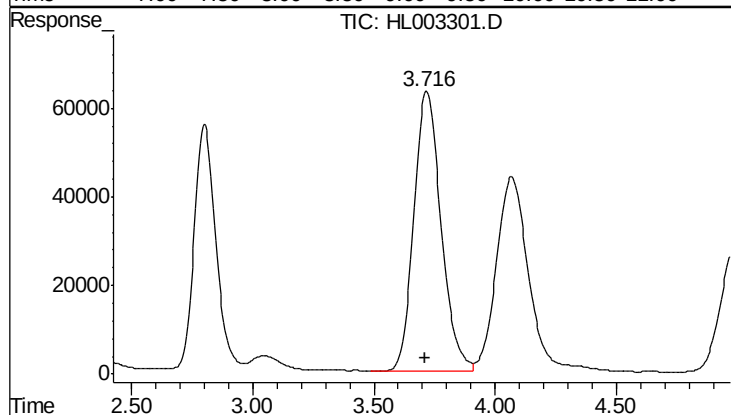
#10 2,6-Dinitrotoluene

R.T.: 8.887 min
Delta R.T.: 0.022 min
Response: 2429436
Conc: 276.00 ug/L

Instrument :
HPLC_L
ClientSampleId :
ADV3005MSD1

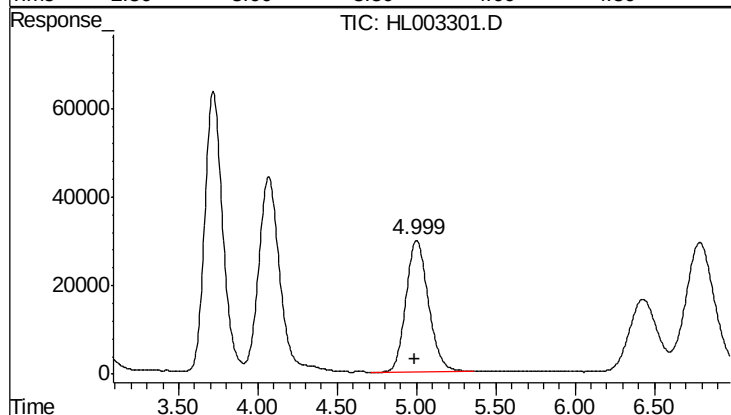
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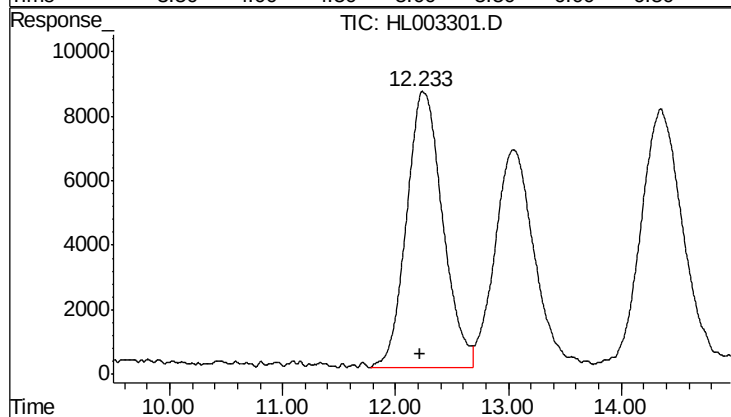
#11 1,3-Dinitrobenzene

R.T.: 3.719 min
Delta R.T.: 0.008 min
Response: 4911986
Conc: 295.80 ug/L



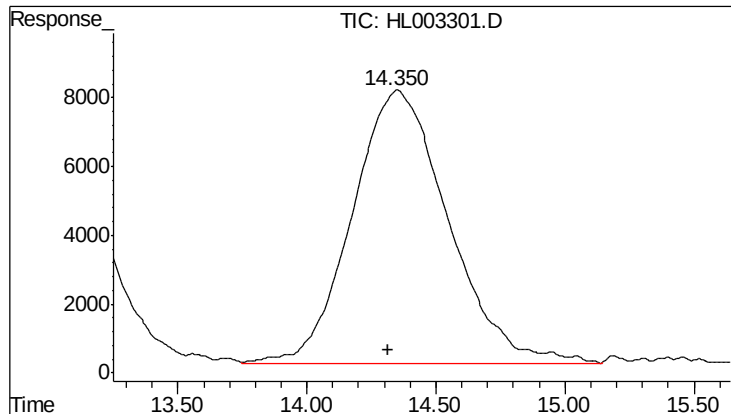
#12 Nitrobenzene

R.T.: 5.001 min
Delta R.T.: 0.013 min
Response: 2919051
Conc: 260.62 ug/L



#13 2-Nitrotoluene

R.T.: 12.243 min
Delta R.T.: 0.027 min
Response: 1897170
Conc: 271.98 ug/L



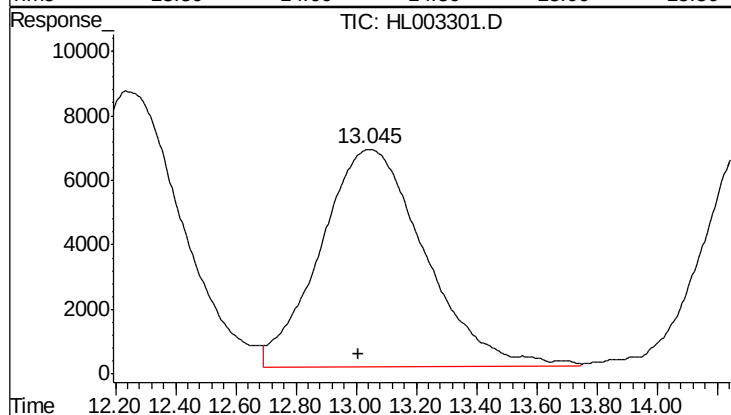
#14 3-Nitrotoluene

R.T.: 14.351 min
Delta R.T.: 0.035 min
Response: 2063264
Conc: 279.40 ug/L

Instrument :
HPLC_L
ClientSampleId :
ADV3005MSD1

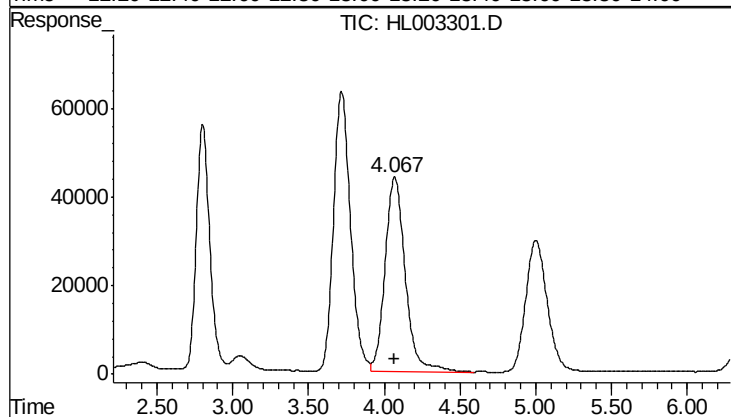
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6/27/2012 12:44:43 AM



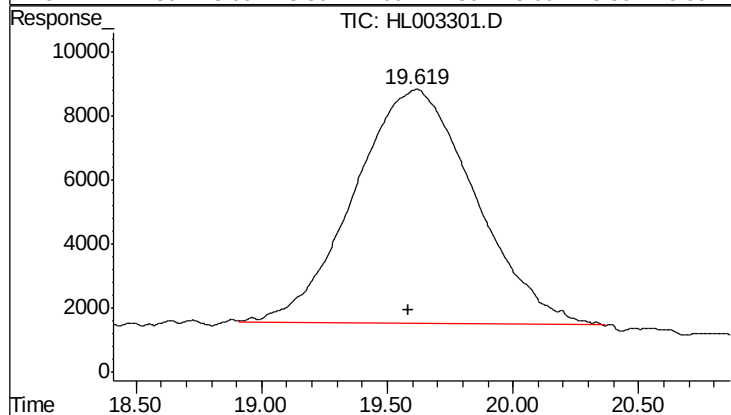
#15 4-Nitrotoluene

R.T.: 13.046 min
Delta R.T.: 0.039 min
Response: 1622934
Conc: 272.95 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.069 min
Delta R.T.: 0.003 min
Response: 4064614
Conc: 213.73 ug/L



#18 PETN

R.T.: 19.619 min
Delta R.T.: 0.034 min
Response: 2440641
Conc: 253.38 ug/L m

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 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleID :
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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	1.386	1421864	390.958 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 130.32%
Target Compounds			
2) T HMX	0.927	896351	193.484 ug/L
3) T RDX	1.794	1376196	242.330 ug/L
4) T 1,3,5-Trinitrobenzene	2.801	3420359	280.205 ug/L
5) T Tetryl	6.426	2005545	224.945 ug/L
6) T 2,4,6-Trinitrotoluene	6.786	3780612	320.958 ug/L
7) T 2-Amino-4,6-dinitroto...	7.285	3120865	279.453 ug/L
8) T 4-Amino-2,6-dinitroto...	7.646	2312272	306.393 ug/L
9) T 2,4-Dinitrotoluene	8.481	4378134	276.437 ug/L
10) T 2,6-Dinitrotoluene	8.887	2429436	276.005 ug/L
11) T 1,3-Dinitrobenzene	3.719	4911986	295.805 ug/L
12) T Nitrobenzene	5.001	2919051	260.617 ug/L
13) T 2-Nitrotoluene	12.243	1897170	271.976 ug/L
14) T 3-Nitrotoluene	14.351	2063264	279.405 ug/L
15) T 4-Nitrotoluene	13.046	1622934	272.951 ug/L
16) T 3,5-Dinitroaniline	4.069	4064614	213.729 ug/L
18) T PETN	19.619	2440641	253.381 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.