

Data Path : S:\HPCHEM1\HPLC_L\Data\HL032912\
Data File : HL002431.D
Signal(s) : VWD1A.CH
Acq On : 29-Mar-2012, 11:49
Operator : HLM
Sample : 8330-2
Misc :
ALS Vial : 73 Sample Multiplier: 1

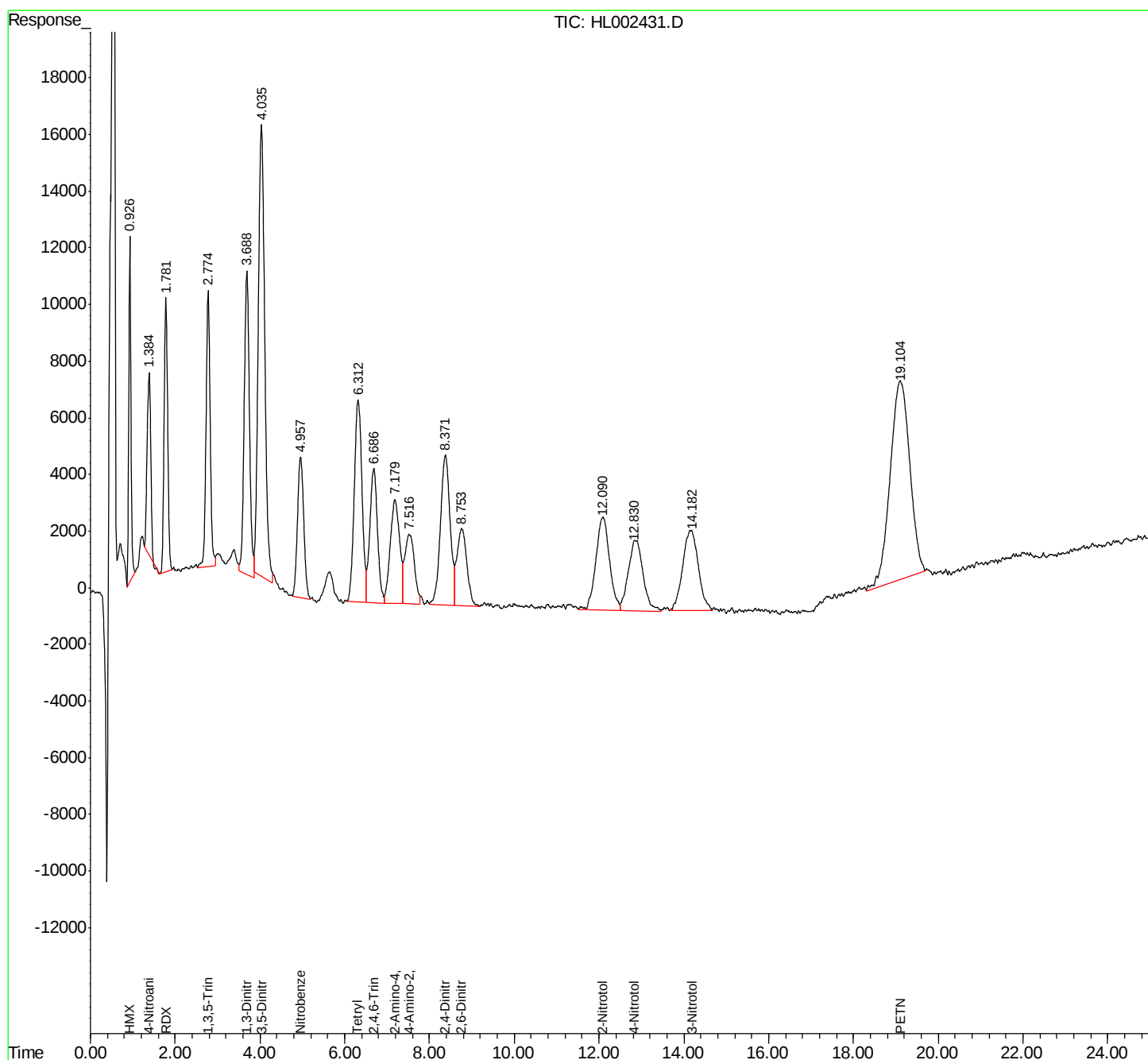
Instrument :
HPLC_L
ClientSampleID :
8330-2

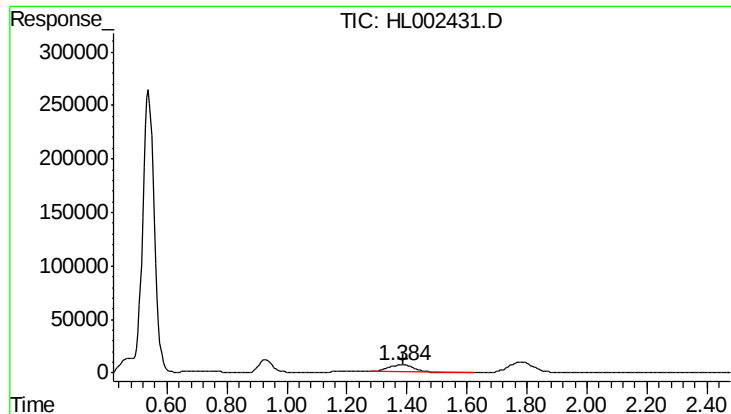
Manual Integrations
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AHPatel
4/7/2012 5:46:14 AM

Integration File: events.e
Quant Time: Apr 07 01:09:30 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL032912.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Tue Feb 28 14:18:34 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





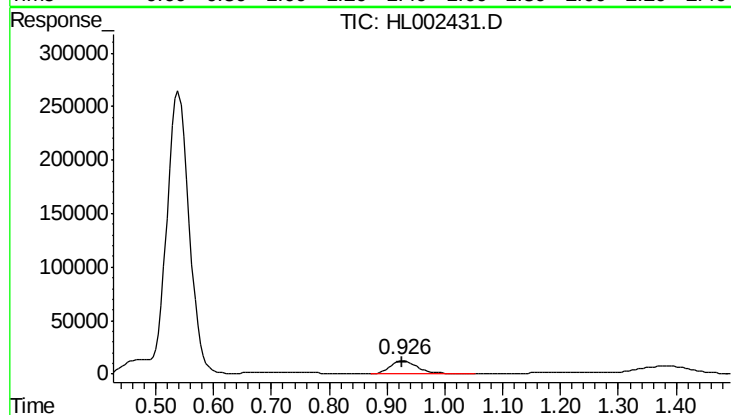
#1 4-Nitroaniline

R.T.: 1.386 min
 Delta R.T.: -0.001 min
 Response: 373680
 Conc: 98.83 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 8330-2

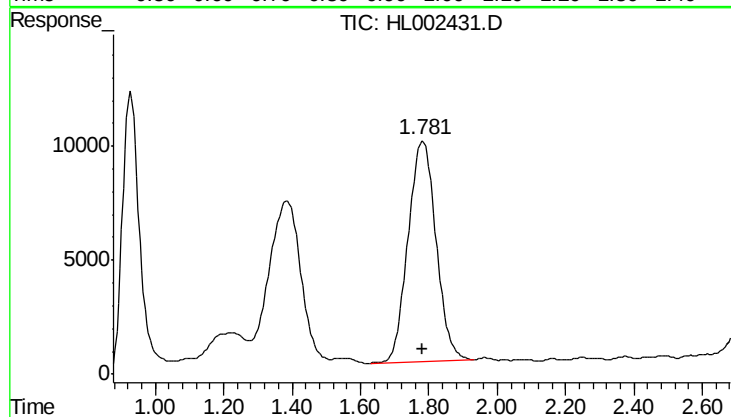
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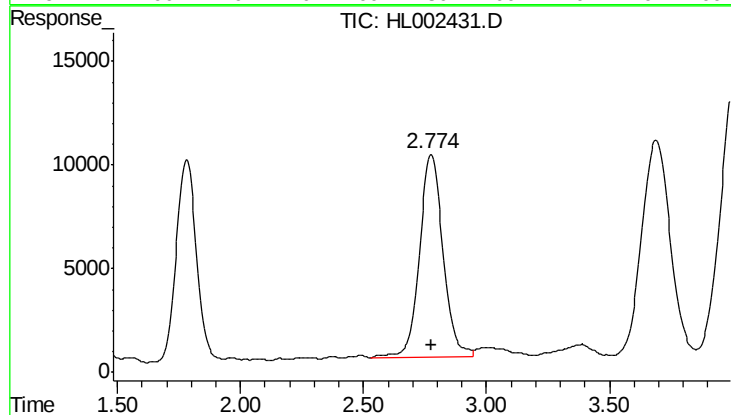
#2 HMX

R.T.: 0.928 min
 Delta R.T.: 0.002 min
 Response: 413777
 Conc: 104.70 ug/L



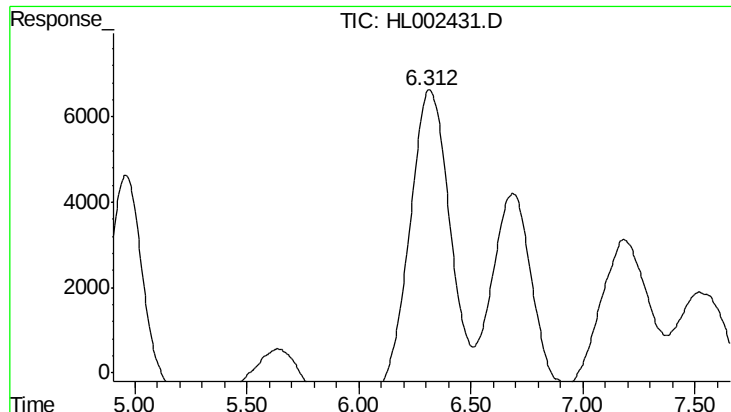
#3 RDX

R.T.: 1.783 min
 Delta R.T.: 0.000 min
 Response: 547613
 Conc: 103.90 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.776 min
 Delta R.T.: 0.001 min
 Response: 650192
 Conc: 53.34 ug/L



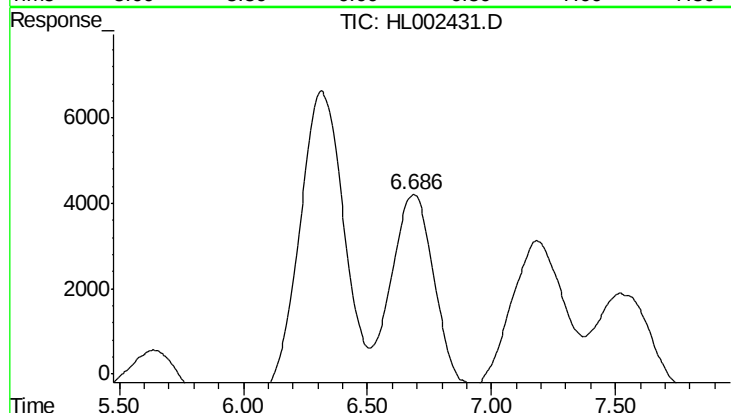
#5 Tetryl

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 897103
Conc: 103.36 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-2

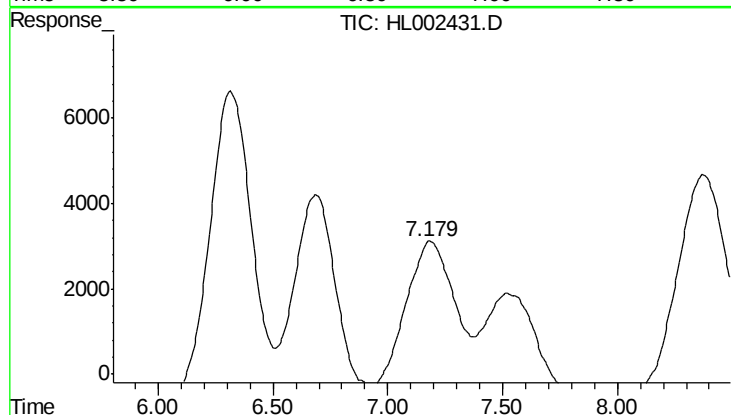
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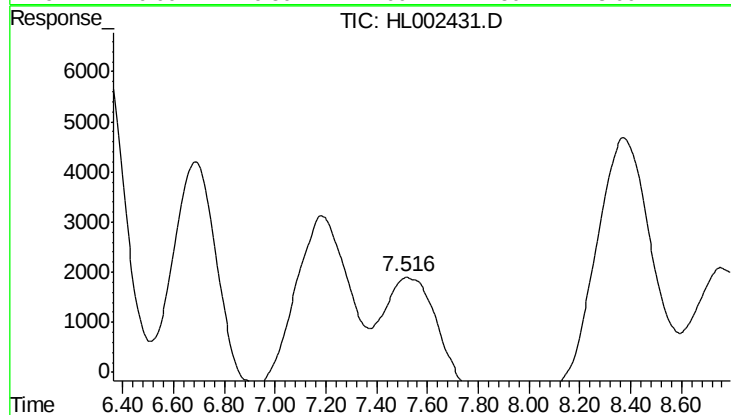
#6 2,4,6-Trinitrotoluene

R.T.: 6.688 min
Delta R.T.: 0.006 min
Response: 597996
Conc: 53.01 ug/L



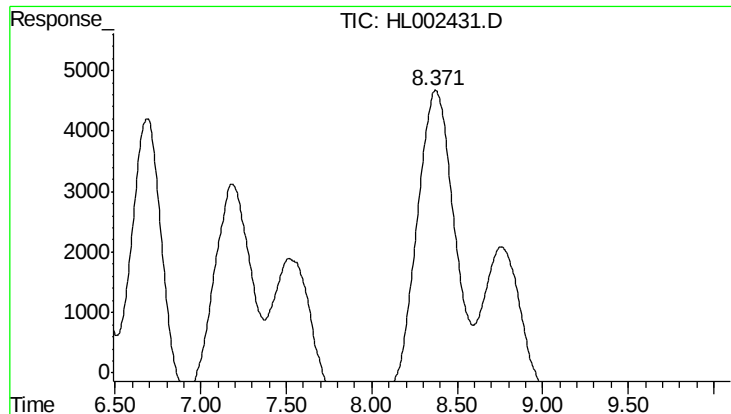
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 565989
Conc: 52.43 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.519 min
Delta R.T.: -0.002 min
Response: 387962
Conc: 51.35 ug/L



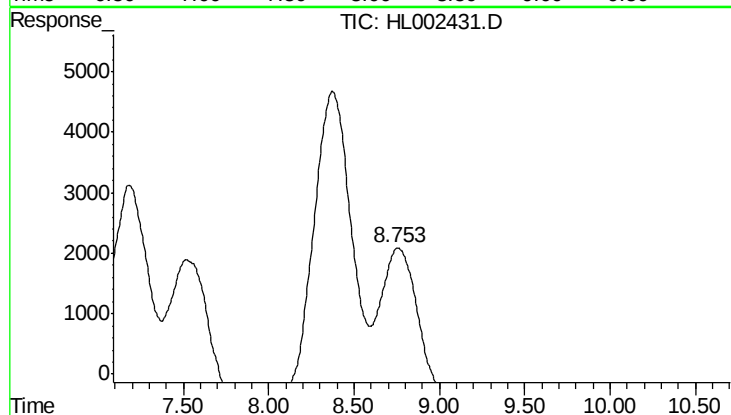
#9 2,4-Dinitrotoluene

R.T.: 8.374 min
Delta R.T.: 0.005 min
Response: 845594
Conc: 51.94 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-2

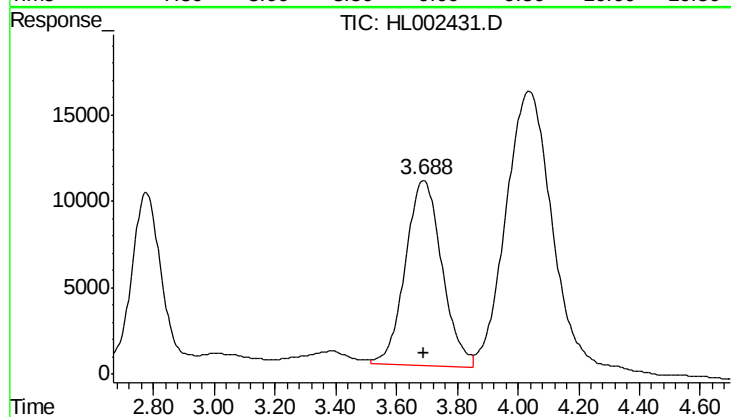
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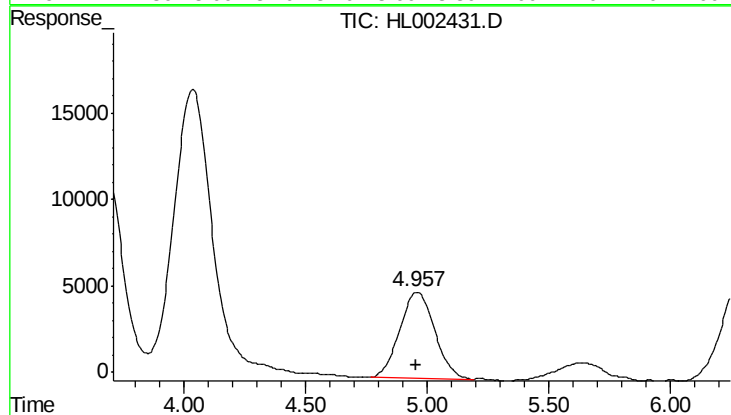
#10 2,6-Dinitrotoluene

R.T.: 8.758 min
Delta R.T.: 0.000 min
Response: 440289
Conc: 49.74 ug/L



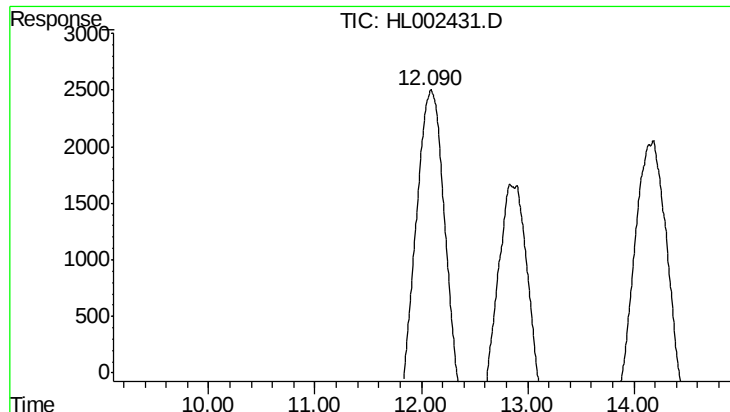
#11 1,3-Dinitrobenzene

R.T.: 3.690 min
Delta R.T.: 0.002 min
Response: 902606
Conc: 53.55 ug/L



#12 Nitrobenzene

R.T.: 4.959 min
Delta R.T.: 0.002 min
Response: 498914
Conc: 46.55 ug/L



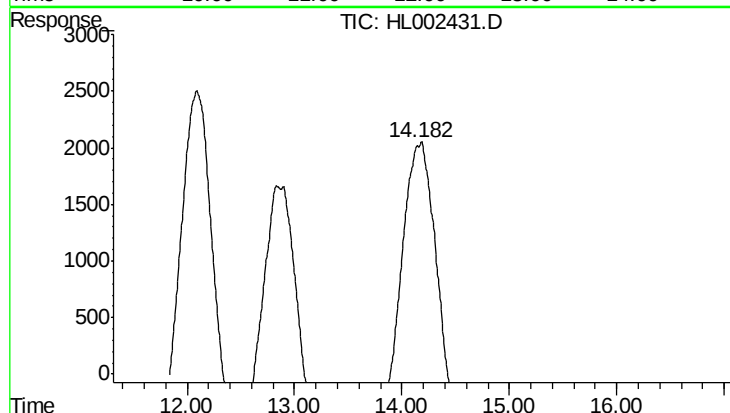
#13 2-Nitrotoluene

R.T.: 12.092 min
 Delta R.T.: 0.009 min
 Response: 730404
 Conc: 106.50 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 8330-2

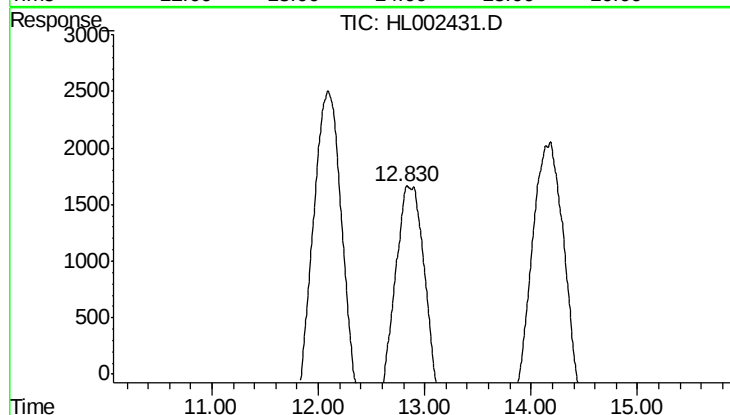
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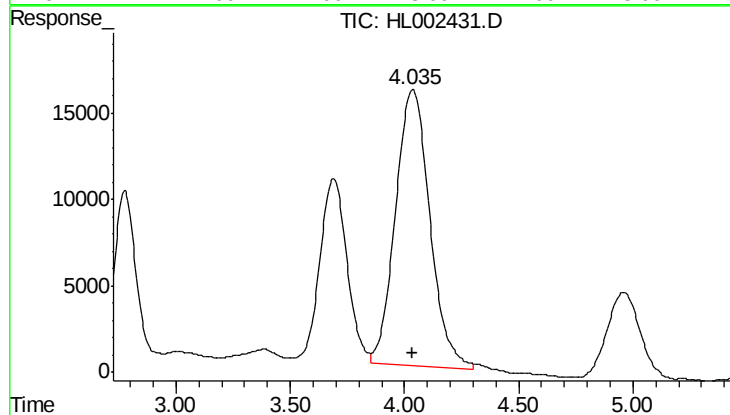
#14 3-Nitrotoluene

R.T.: 14.182 min
 Delta R.T.: 0.026 min
 Response: 721643
 Conc: 99.08 ug/L m



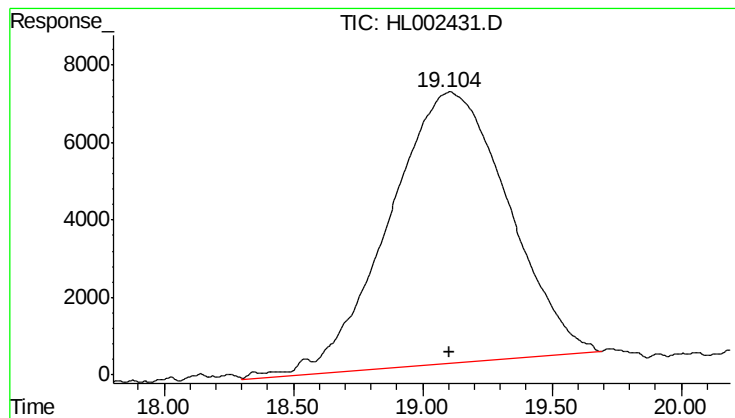
#15 4-Nitrotoluene

R.T.: 12.843 min
 Delta R.T.: -0.015 min
 Response: 602743
 Conc: 107.66 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.035 min
 Delta R.T.: 0.000 min
 Response: 1675811
 Conc: 104.14 ug/L m



#18 PETN

R.T.: 19.104 min
Delta R.T.: -0.002 min
Response: 2247722
Conc: 236.01 ug/L

Instrument :
HPLC_L
ClientSampleId :
8330-2

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 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
 8330-2

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 QLast Update : Tue Feb 28 14:18:34 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	373680	98.828 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery =	32.94%#
Target Compounds			
2) T HMX	0.928	413777	104.698 ug/L
3) T RDX	1.783	547613	103.895 ug/L
4) T 1,3,5-Trinitrobenzene	2.776	650192	53.339 ug/L
5) T Tetryl	6.315	897103	103.360 ug/L
6) T 2,4,6-Trinitrotoluene	6.688	597996	53.007 ug/L
7) T 2-Amino-4,6-dinitroto...	7.183	565989	52.425 ug/L
8) T 4-Amino-2,6-dinitroto...	7.519	387962	51.350 ug/L
9) T 2,4-Dinitrotoluene	8.374	845594	51.942 ug/L
10) T 2,6-Dinitrotoluene	8.758	440289	49.737 ug/L
11) T 1,3-Dinitrobenzene	3.690	902606	53.550 ug/L
12) T Nitrobenzene	4.959	498914	46.548 ug/L
13) T 2-Nitrotoluene	12.092	730404	106.498 ug/L
14) T 3-Nitrotoluene	14.182	721643	99.085 ug/L m
15) T 4-Nitrotoluene	12.843	602743	107.661 ug/L
16) T 3,5-Dinitroaniline	4.035	1675811	104.138 ug/L m
18) T PETN	19.104	2247722	236.008 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.