

Data Path : X:\HPCHEM1\HPLC_L\Data\HL050312\
Data File : HL002926.D
Signal(s) : VWD1A.CH
Acq On : 04-May-2012, 00:33
Operator : HLM
Sample : D2296-17MS1
Misc :
ALS Vial : 69 Sample Multiplier: 1

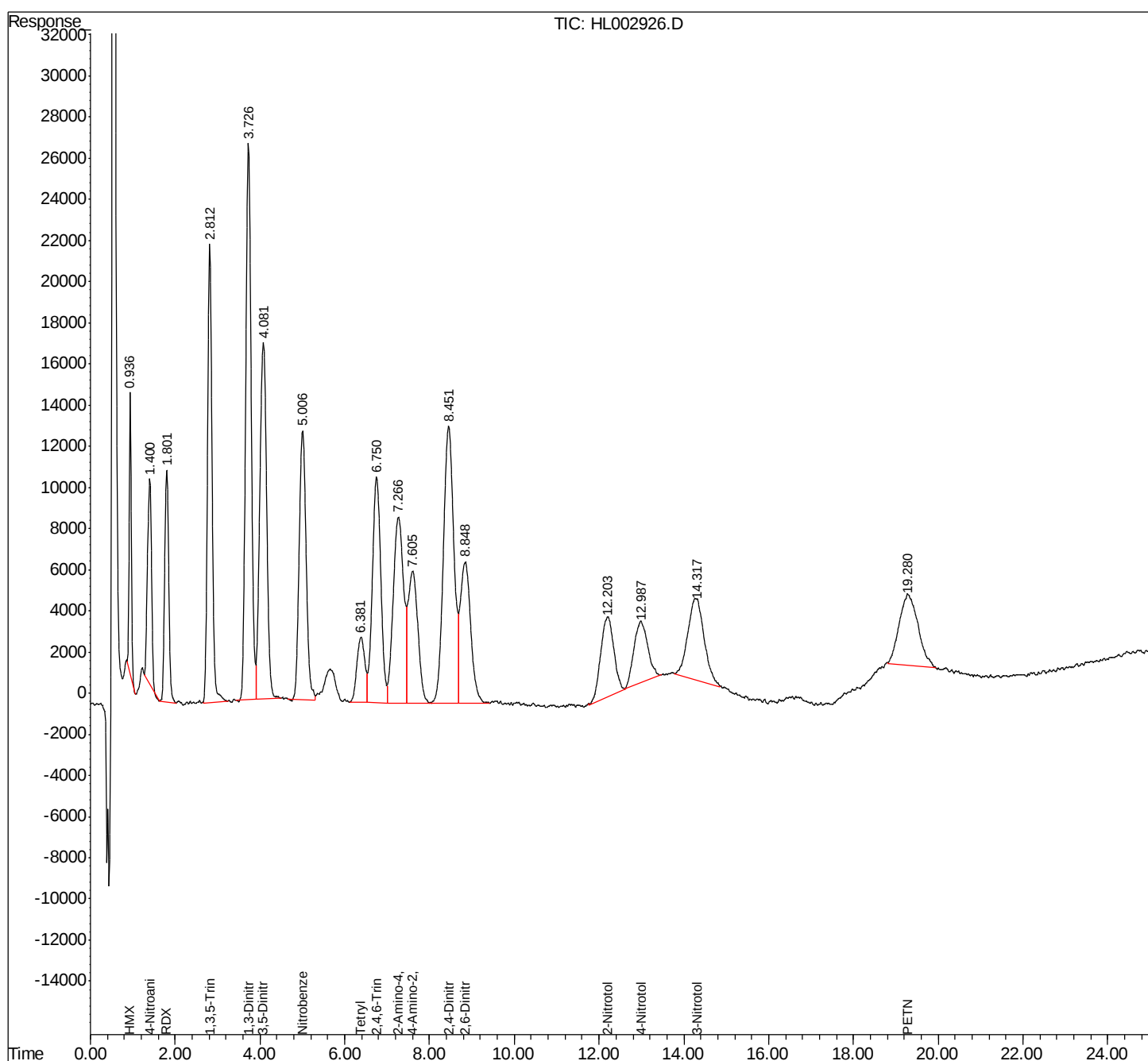
Instrument :
HPLC_L
ClientSampleId :
UBZ3-SO-62-0-2MS1

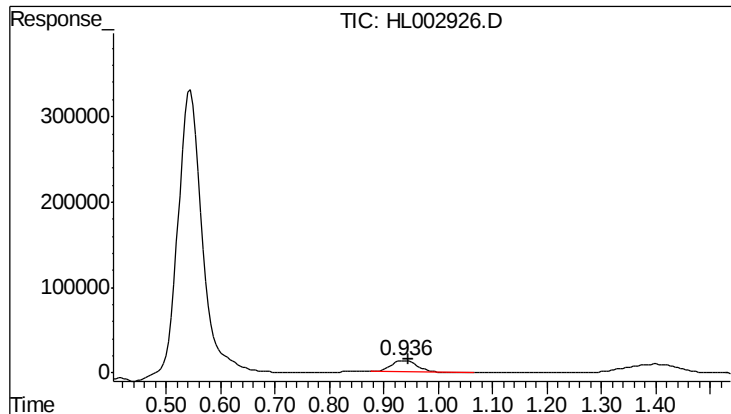
Manual Integrations
APPROVED

AHPatel
5/5/2012 3:46:15 AM

Integration File: events.e
Quant Time: May 05 05:44:51 2012
Quant Method : H:\VOL1\HPLC\HPLC_L\METHODS\HL050312.M
Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)
QLast Update : Fri May 04 10:28:19 2012
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. :
Signal Phase :
Signal Info :





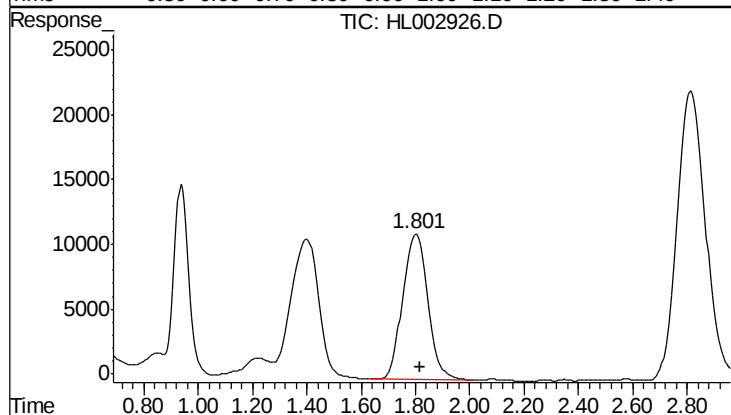
#2 HMX

R.T.: 0.938 min
Delta R.T.: -0.007 min
Response: 455647
Conc: 111.62 ug/L

Instrument :
HPLC_L
ClientSampleId :
UBZ3-SO-62-0-2MS1

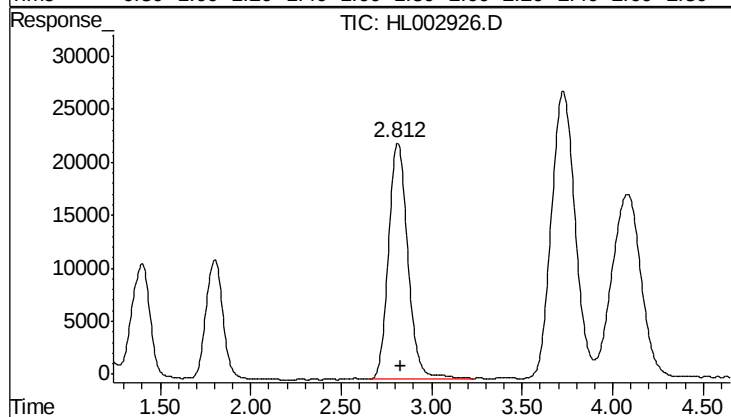
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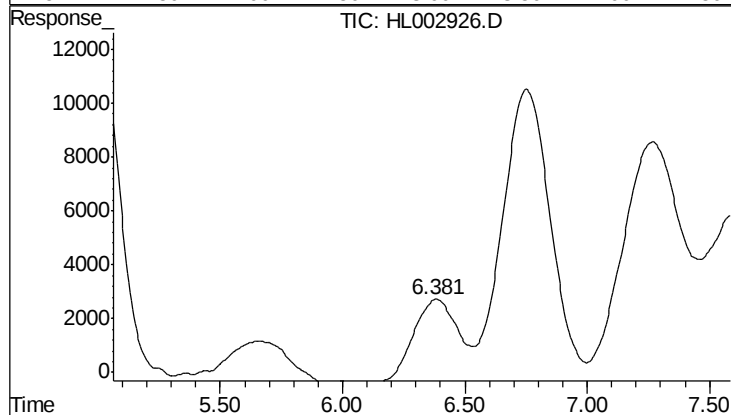
#3 RDX

R.T.: 1.803 min
Delta R.T.: -0.014 min
Response: 731544
Conc: 129.70 ug/L



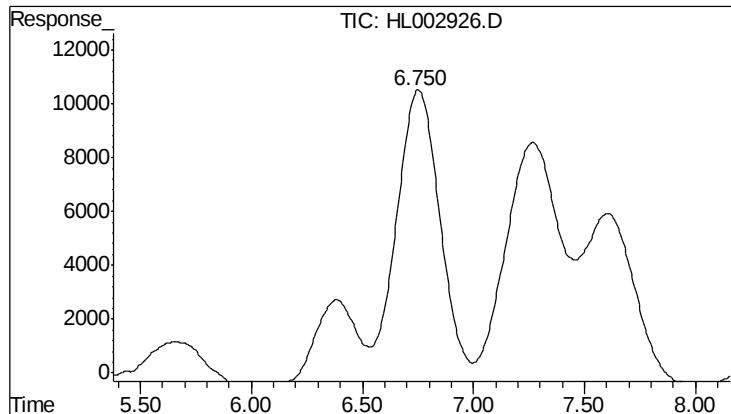
#4 1,3,5-Trinitrobenzene

R.T.: 2.814 min
Delta R.T.: -0.019 min
Response: 1655221
Conc: 131.99 ug/L



#5 Tetryl

R.T.: 6.384 min
Delta R.T.: -0.040 min
Response: 416289
Conc: 46.35 ug/L



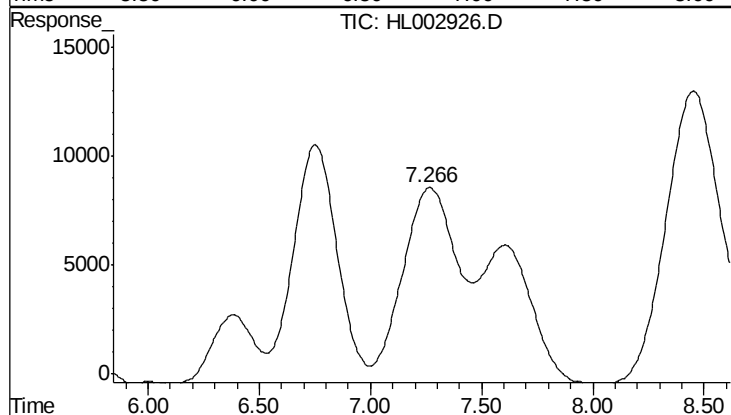
#6 2,4,6-Trinitrotoluene

R.T.: 6.752 min
Delta R.T.: -0.043 min
Response: 1525308
Conc: 126.86 ug/L

Instrument :
HPLC_L
ClientSampleId :
UBZ3-SO-62-0-2MS1

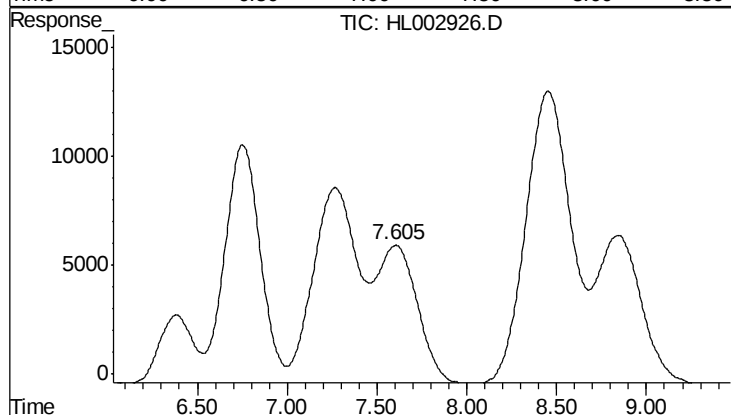
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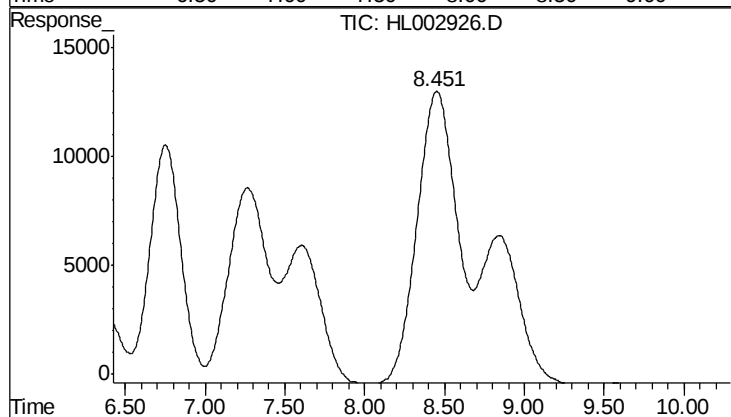
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.268 min
Delta R.T.: -0.046 min
Response: 1551124
Conc: 140.72 ug/L



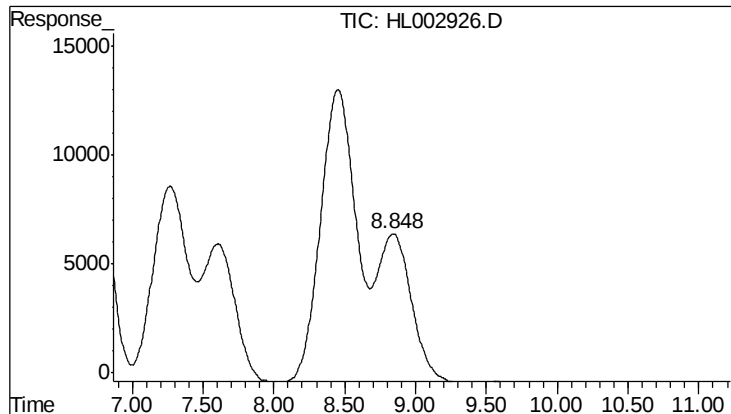
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.605 min
Delta R.T.: -0.044 min
Response: 1036135
Conc: 136.86 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.453 min
Delta R.T.: -0.053 min
Response: 2330404
Conc: 143.57 ug/L



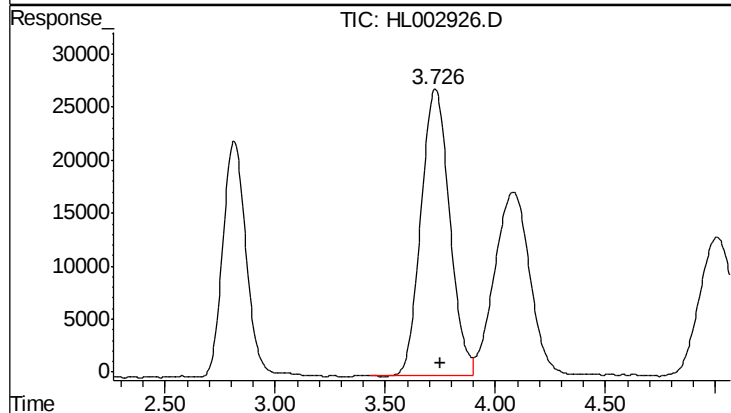
#10 2,6-Dinitrotoluene

R.T.: 8.845 min
Delta R.T.: -0.048 min
Response: 1198304
Conc: 133.40 ug/L

Instrument :
HPLC_L
ClientSampleId :
UBZ3-SO-62-0-2MS1

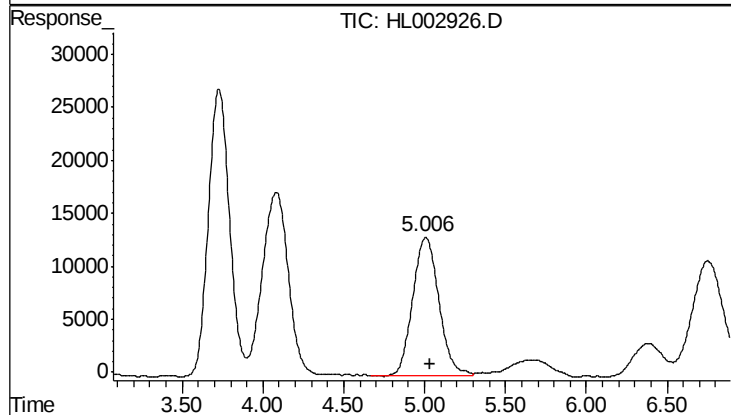
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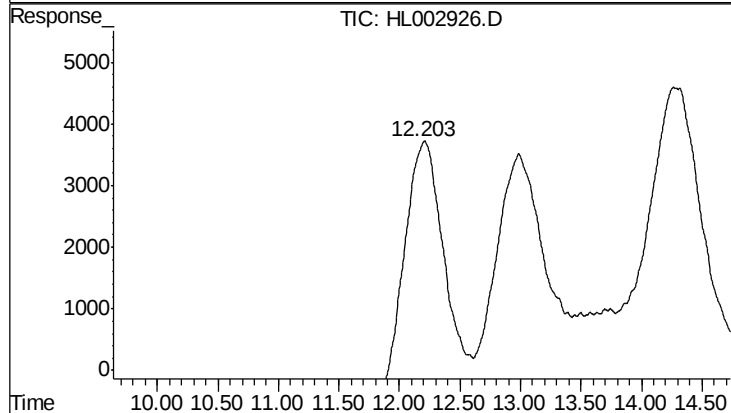
#11 1,3-Dinitrobenzene

R.T.: 3.728 min
Delta R.T.: -0.024 min
Response: 2446893
Conc: 139.32 ug/L



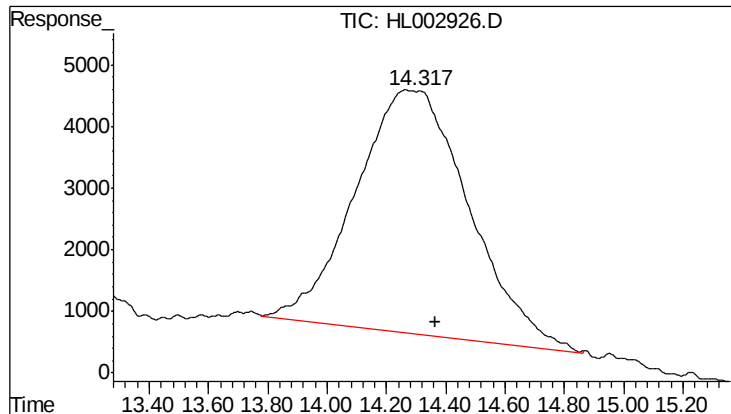
#12 Nitrobenzene

R.T.: 5.008 min
Delta R.T.: -0.030 min
Response: 1477286
Conc: 133.73 ug/L



#13 2-Nitrotoluene

R.T.: 12.203 min
Delta R.T.: -0.062 min
Response: 843264
Conc: 121.29 ug/L m



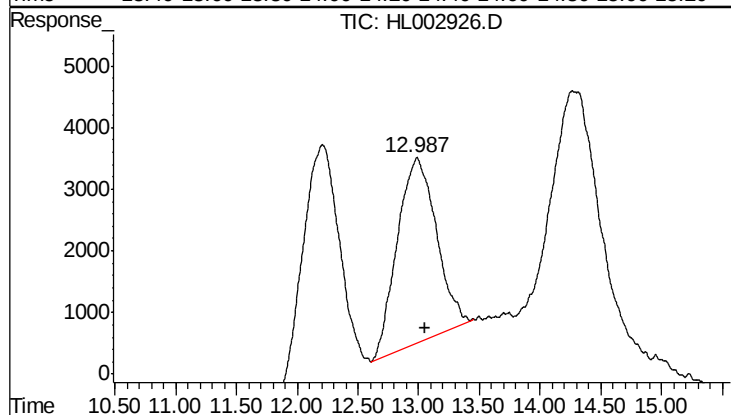
#14 3-Nitrotoluene

R.T.: 14.317 min
Delta R.T.: -0.049 min
Response: 1055015
Conc: 140.13 ug/L m

Instrument :
HPLC_L
ClientSampleId :
UBZ3-SO-62-0-2MS1

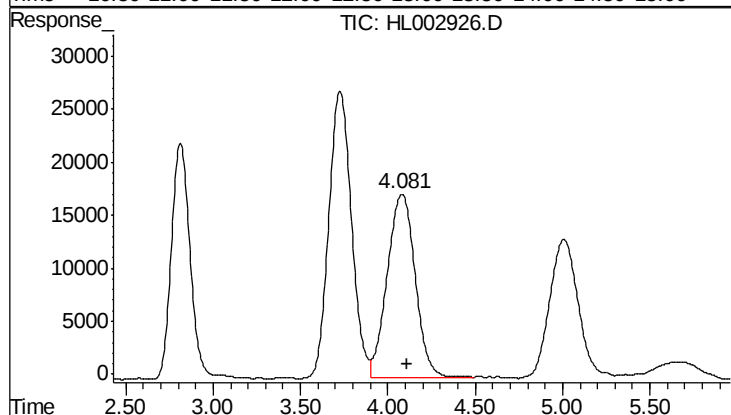
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5/5/2012 3:46:15 AM



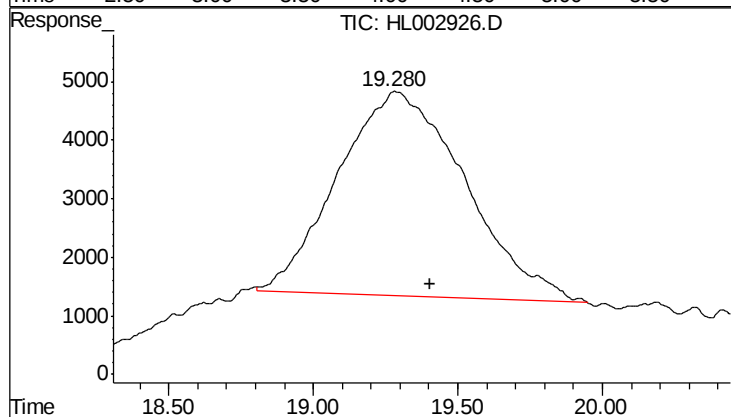
#15 4-Nitrotoluene

R.T.: 12.987 min
Delta R.T.: -0.063 min
Response: 676515
Conc: 114.81 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.083 min
Delta R.T.: -0.028 min
Response: 1938106
Conc: 108.66 ug/L



#18 PETN

R.T.: 19.280 min
Delta R.T.: -0.124 min
Response: 1062657
Conc: 104.26 ug/L m

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 HPLC_L
 ClientSampleID :
 UBZ3-SO-62-0-2MS1

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 Integrator: ChemStation

Volume Inj. :
 Signal Phase :
 Signal Info :

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
1) S 4-Nitroaniline	1.402	645067	176.303 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery =	58.77%
Target Compounds			
2) T HMX	0.938	455647	111.622 ug/L
3) T RDX	1.803f	731544	129.697 ug/L
4) T 1,3,5-Trinitrobenzene	2.814f	1655221	131.987 ug/L
5) T Tetryl	6.384f	416289	46.346 ug/L
6) T 2,4,6-Trinitrotoluene	6.752f	1525308	126.858 ug/L
7) T 2-Amino-4,6-dinitroto...	7.268f	1551124	140.725 ug/L
8) T 4-Amino-2,6-dinitroto...	7.605f	1036135	136.864 ug/L
9) T 2,4-Dinitrotoluene	8.453f	2330404	143.575 ug/L
10) T 2,6-Dinitrotoluene	8.845f	1198304	133.402 ug/L
11) T 1,3-Dinitrobenzene	3.728f	2446893	139.315 ug/L
12) T Nitrobenzene	5.008f	1477286	133.728 ug/L
13) T 2-Nitrotoluene	12.203f	843264	121.295 ug/L m
14) T 3-Nitrotoluene	14.317	1055015	140.127 ug/L m
15) T 4-Nitrotoluene	12.987f	676515	114.806 ug/L m
16) T 3,5-Dinitroaniline	4.083f	1938106	108.657 ug/L
18) T PETN	19.280f	1062657	104.258 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.