

Data Path : X:\HPCHEM1\HPLC_L\Data\HL061512\
Data File : HL003307.D
Signal(s) : VWD1A.CH
Acq On : 15-Jun-2012, 22:25
Operator : HLM
Sample : D3039-01MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

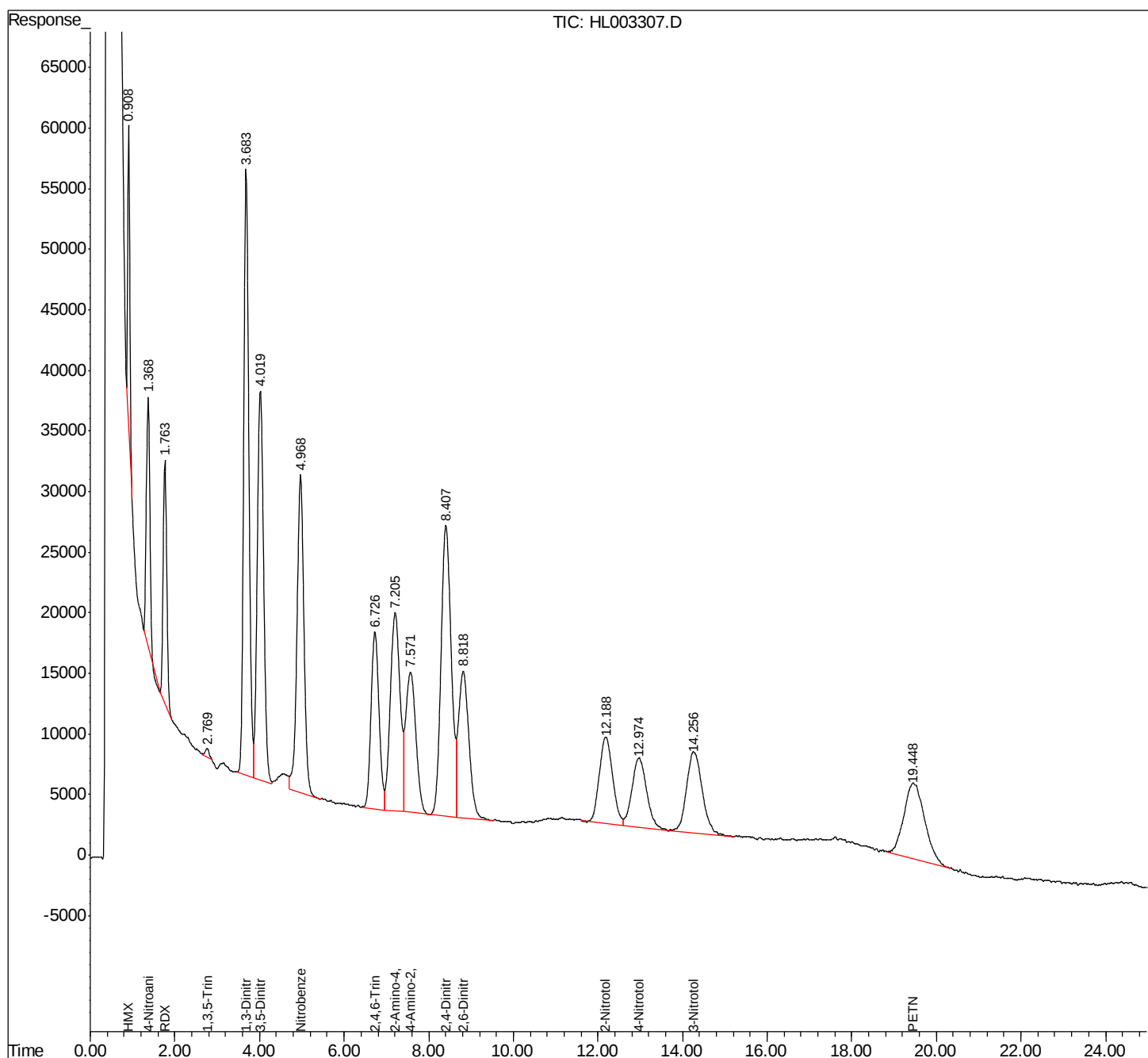
Instrument :
HPLC_L
ClientSampled :
EN12020-1MS

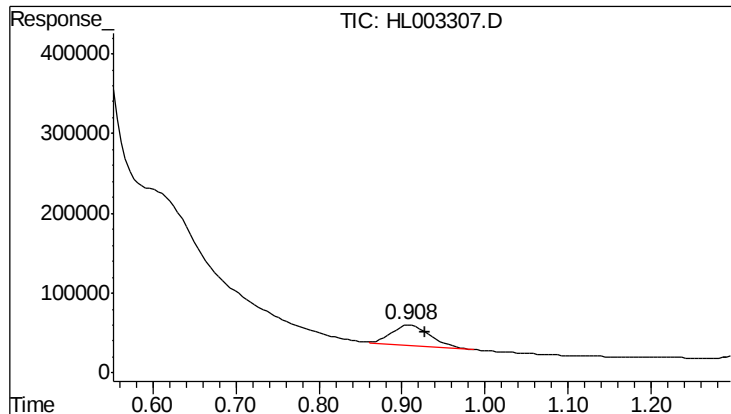
Manual Integrations
APPROVED

AHPatel
6/27/2012 12:44:48 AM

Integration File: events.e
Quant Time: Jun 22 23:06:07 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 :





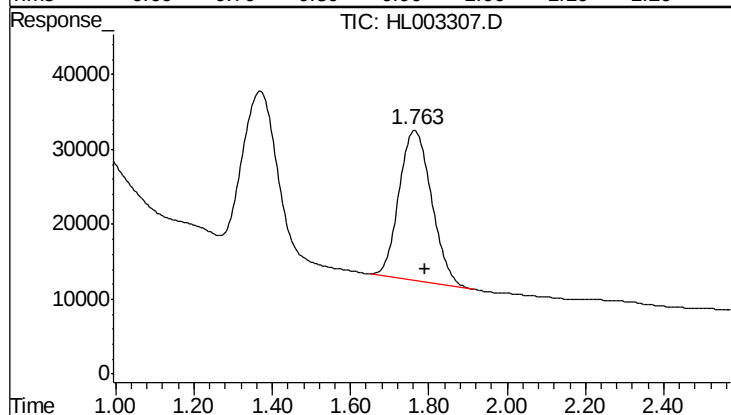
#2 HMX

R.T.: 0.908 min
Delta R.T.: -0.020 min
Response: 783163
Conc: 169.05 ug/L m

Instrument :
HPLC_L
ClientSampleId :
EN12020-1MS

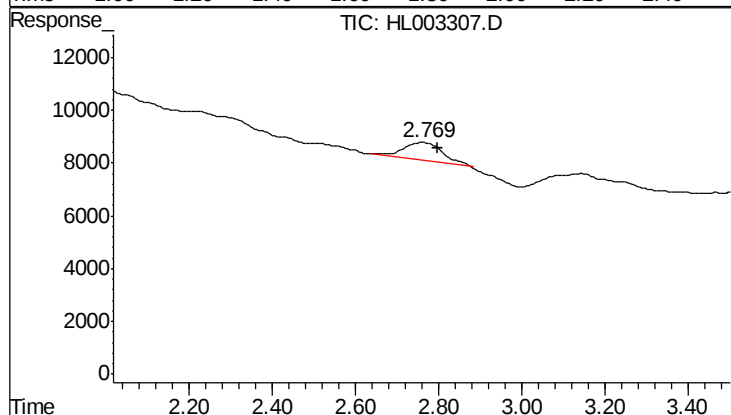
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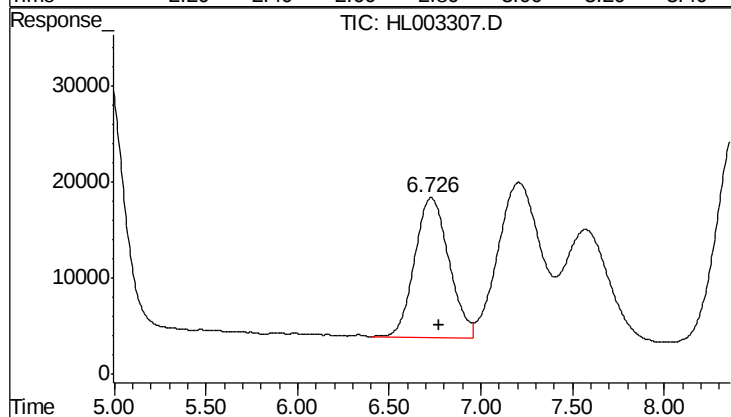
#3 RDX

R.T.: 1.763 min
Delta R.T.: -0.029 min
Response: 1157461
Conc: 203.81 ug/L m



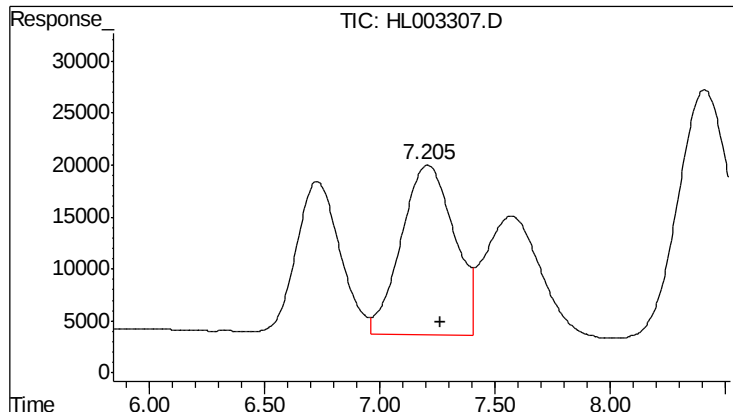
#4 1,3,5-Trinitrobenzene

R.T.: 2.769 min
Delta R.T.: -0.027 min
Response: 45477
Conc: 3.73 ug/L m



#6 2,4,6-Trinitrotoluene

R.T.: 6.728 min
Delta R.T.: -0.045 min
Response: 1911038
Conc: 162.24 ug/L



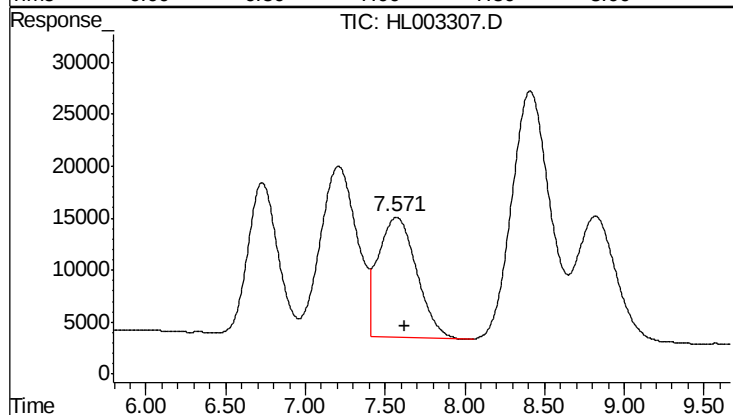
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.207 min
Delta R.T.: -0.057 min
Response: 2622547
Conc: 234.83 ug/L

Instrument :
HPLC_L
ClientSampleId :
EN12020-1MS

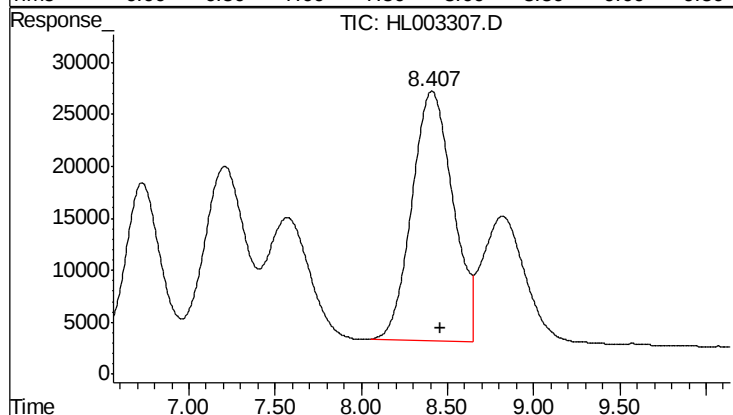
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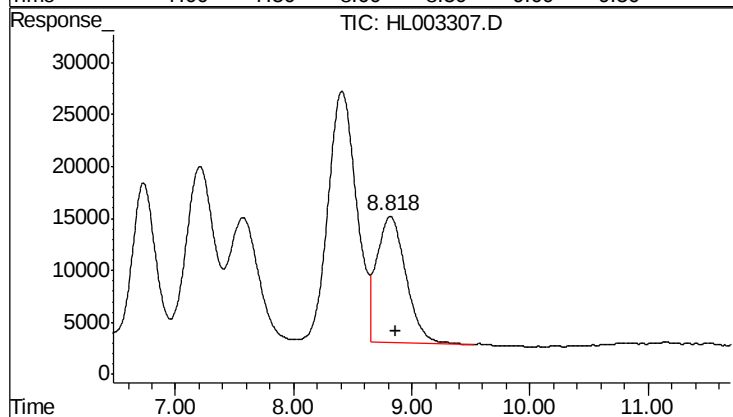
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.572 min
Delta R.T.: -0.052 min
Response: 1947223
Conc: 258.02 ug/L



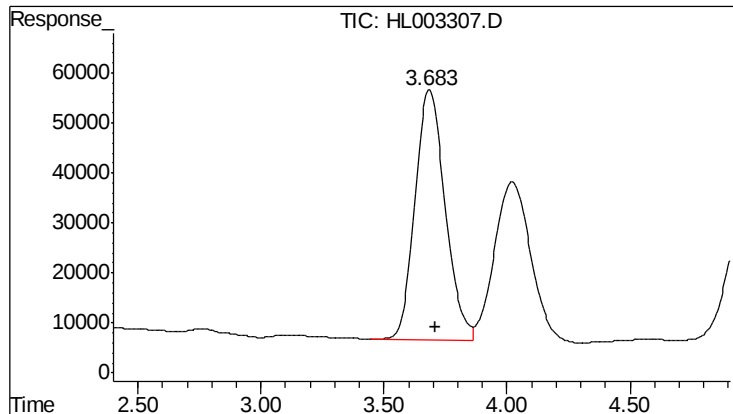
#9 2,4-Dinitrotoluene

R.T.: 8.409 min
Delta R.T.: -0.052 min
Response: 3988275
Conc: 251.82 ug/L



#10 2,6-Dinitrotoluene

R.T.: 8.819 min
Delta R.T.: -0.046 min
Response: 2103307
Conc: 238.95 ug/L



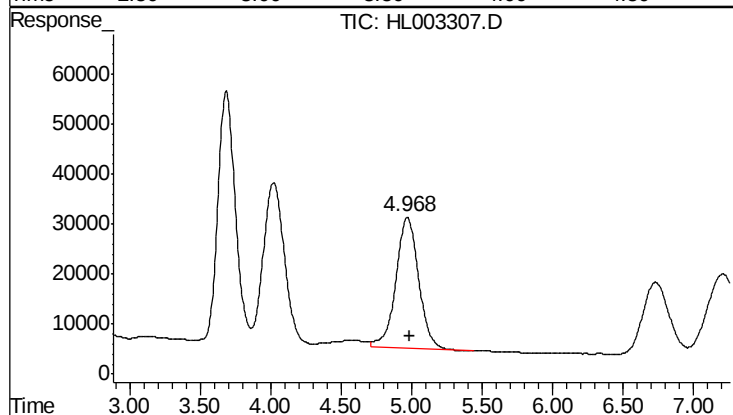
#11 1,3-Dinitrobenzene

R.T.: 3.685 min
Delta R.T.: -0.026 min
Response: 4276843
Conc: 257.56 ug/L

Instrument :
HPLC_L
ClientSampleId :
EN12020-1MS

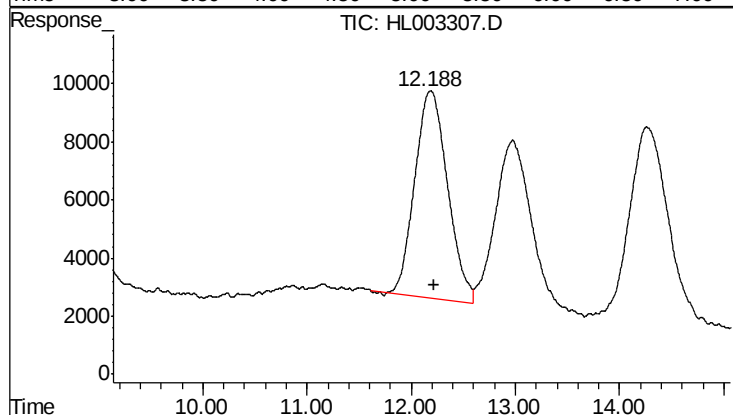
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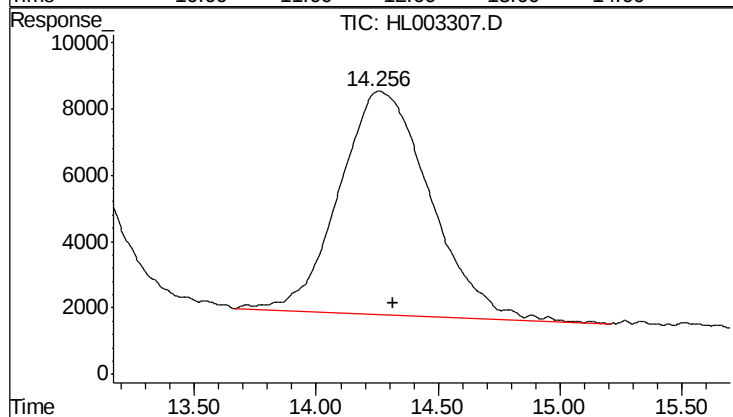
#12 Nitrobenzene

R.T.: 4.970 min
Delta R.T.: -0.018 min
Response: 2964829
Conc: 264.70 ug/L



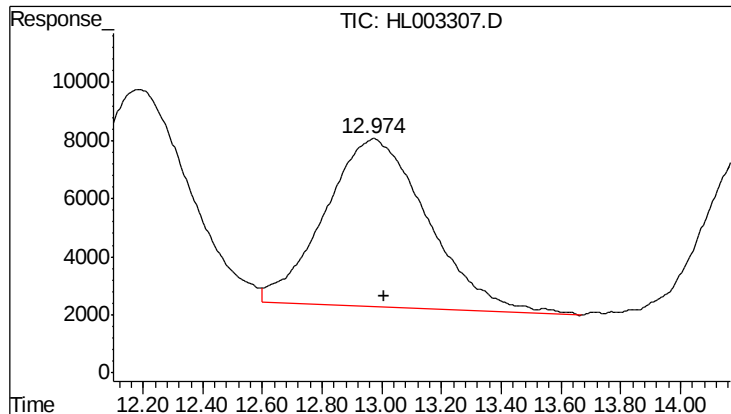
#13 2-Nitrotoluene

R.T.: 12.186 min
Delta R.T.: -0.030 min
Response: 1563184
Conc: 224.10 ug/L



#14 3-Nitrotoluene

R.T.: 14.261 min
Delta R.T.: -0.055 min
Response: 1743633
Conc: 236.12 ug/L



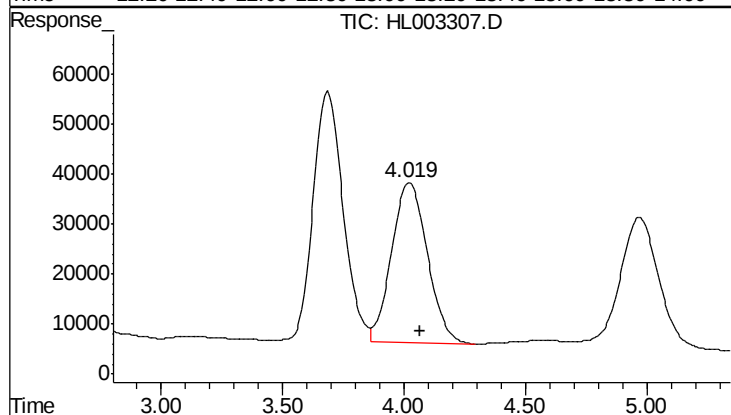
#15 4-Nitrotoluene

R.T.: 12.973 min
Delta R.T.: -0.035 min
Response: 1390017
Conc: 233.78 ug/L

Instrument :
HPLC_L
ClientSampleId :
EN12020-1MS

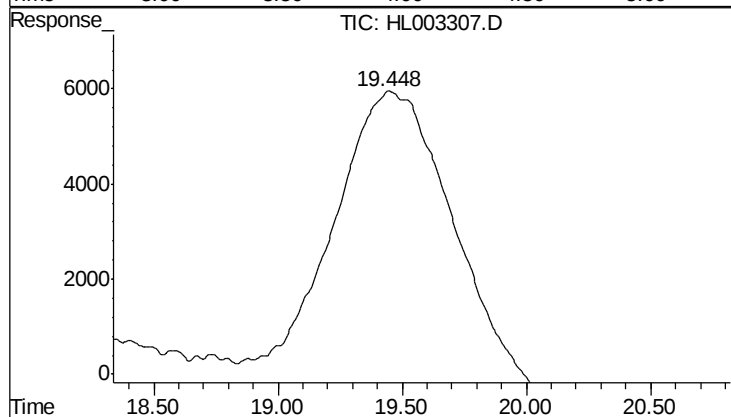
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#16 3,5-Dinitroaniline

R.T.: 4.021 min
Delta R.T.: -0.044 min
Response: 3310802
Conc: 174.09 ug/L



#18 PETN

R.T.: 19.452 min
Delta R.T.: -0.133 min
Response: 2143369
Conc: 222.52 ug/L

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 HPLC_L
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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	1.370f	1143909	314.531 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 104.84%
Target Compounds			
2) T HMX	0.908f	783163	169.052 ug/L m
3) T RDX	1.763f	1157461	203.814 ug/L m
4) T 1,3,5-Trinitrobenzene	2.769f	45477	3.726 ug/L m
6) T 2,4,6-Trinitrotoluene	6.728f	1911038	162.239 ug/L
7) T 2-Amino-4,6-dinitroto...	7.207f	2622547	234.832 ug/L
8) T 4-Amino-2,6-dinitroto...	7.572f	1947223	258.022 ug/L
9) T 2,4-Dinitrotoluene	8.409f	3988275	251.821 ug/L
10) T 2,6-Dinitrotoluene	8.819f	2103307	238.954 ug/L
11) T 1,3-Dinitrobenzene	3.685f	4276843	257.556 ug/L
12) T Nitrobenzene	4.970	2964829	264.704 ug/L
13) T 2-Nitrotoluene	12.186	1563184	224.096 ug/L
14) T 3-Nitrotoluene	14.261	1743633	236.121 ug/L
15) T 4-Nitrotoluene	12.973	1390017	233.778 ug/L
16) T 3,5-Dinitroaniline	4.021f	3310802	174.091 ug/L
18) T PETN	19.452f	2143369	222.519 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.