

Data Path : X:\HPCHEM1\HPLC_L\Data\HL061512\
Data File : HL003308.D
Signal(s) : VWD1A.CH
Acq On : 15-Jun-2012, 22:52
Operator : HLM
Sample : D3039-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

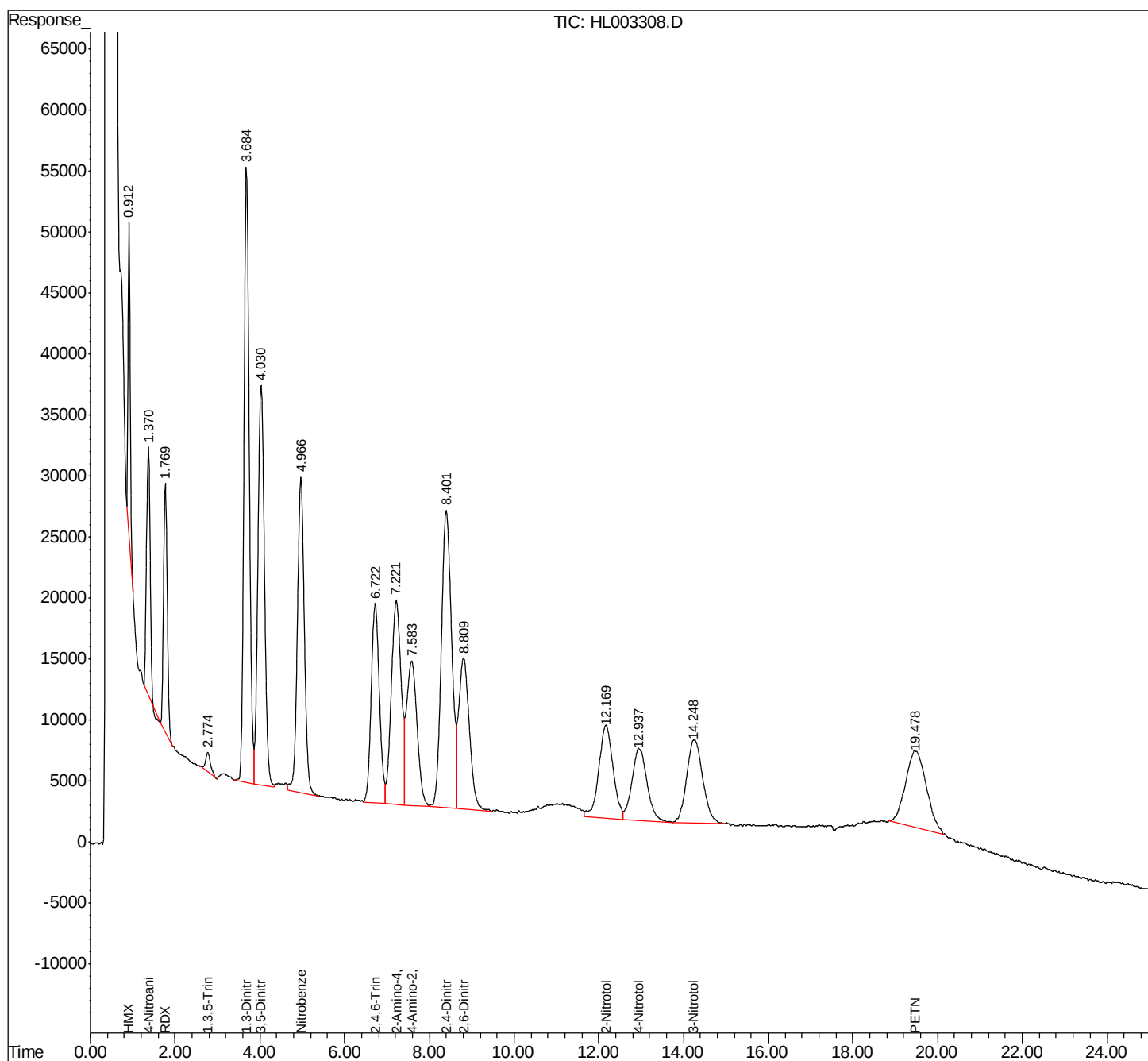
Instrument :
HPLC_L
ClientSampleId :
EN12020-1MSD

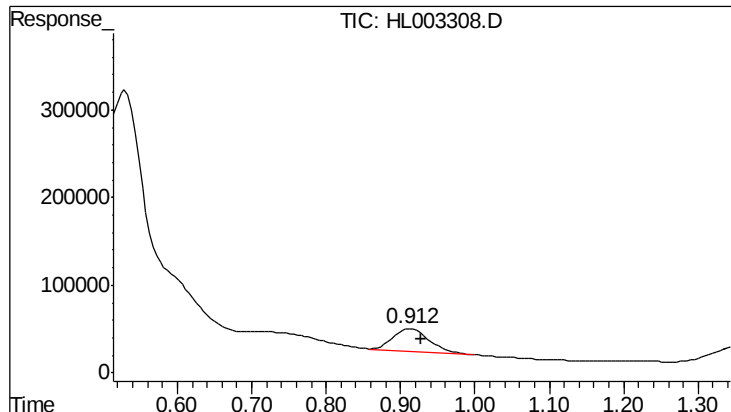
Manual Integrations
APPROVED

AHPatel
6/27/2012 12:44:50 AM

Integration File: events.e
Quant Time: Jun 23 03:46:49 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 :





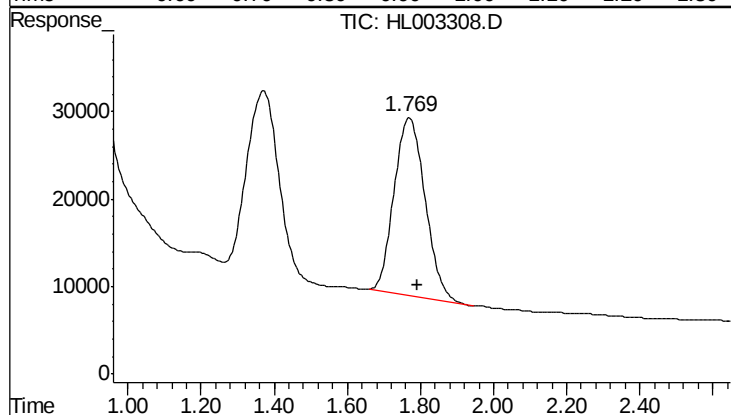
#2 HMX

R.T.: 0.912 min
Delta R.T.: -0.016 min
Response: 875863
Conc: 189.06 ug/L

Instrument :
HPLC_L
ClientSampleId :
EN12020-1MSD

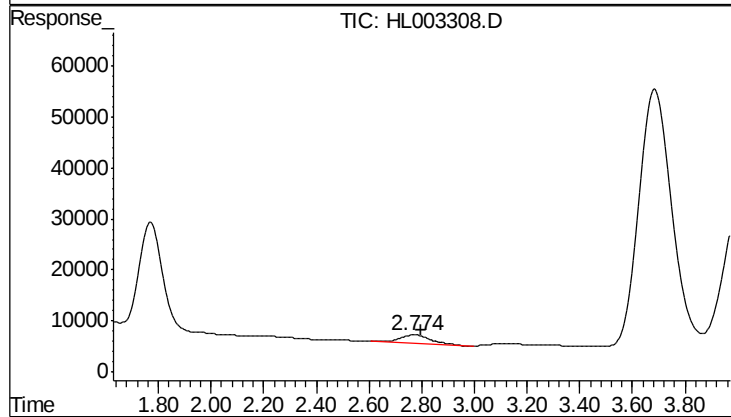
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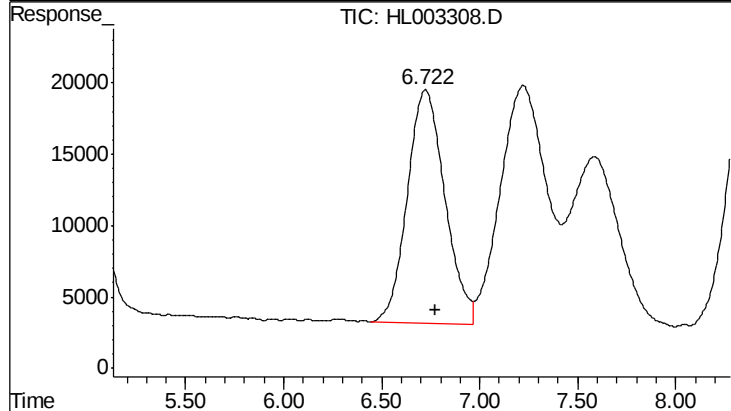
#3 RDX

R.T.: 1.770 min
Delta R.T.: -0.021 min
Response: 1203824
Conc: 211.98 ug/L



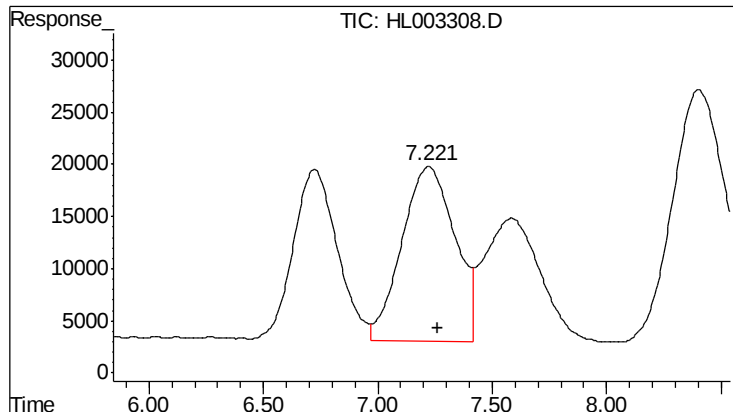
#4 1,3,5-Trinitrobenzene

R.T.: 2.770 min
Delta R.T.: -0.027 min
Response: 128937
Conc: 10.56 ug/L



#6 2,4,6-Trinitrotoluene

R.T.: 6.724 min
Delta R.T.: -0.049 min
Response: 2178502
Conc: 184.95 ug/L



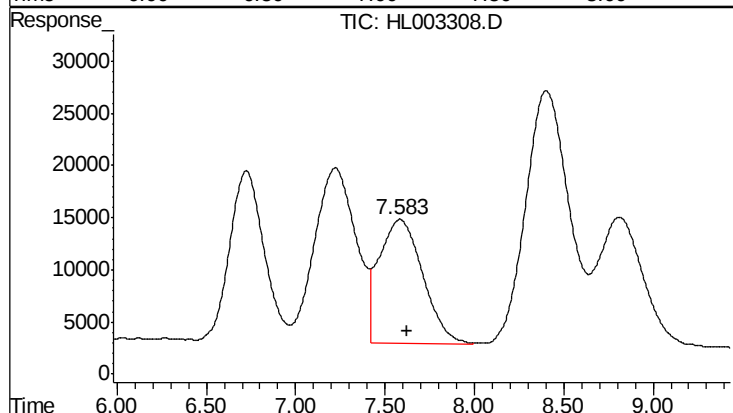
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.223 min
Delta R.T.: -0.042 min
Response: 2710165
Conc: 242.68 ug/L

Instrument :
HPLC_L
ClientSampleId :
EN12020-1MSD

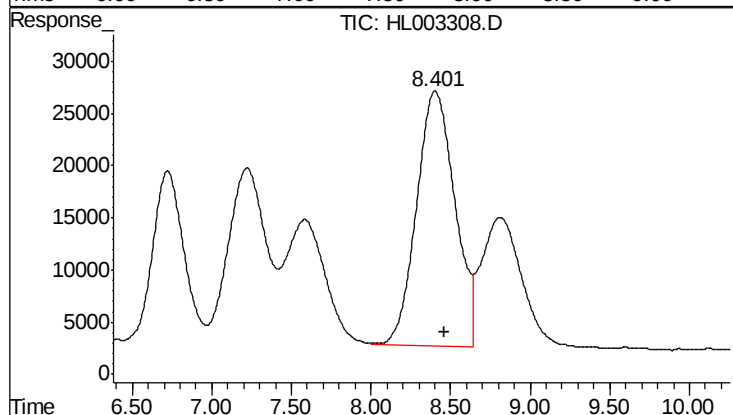
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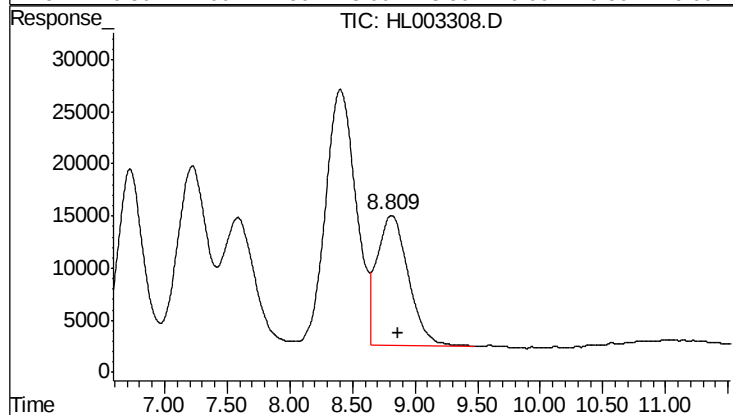
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.585 min
Delta R.T.: -0.039 min
Response: 2027025
Conc: 268.60 ug/L



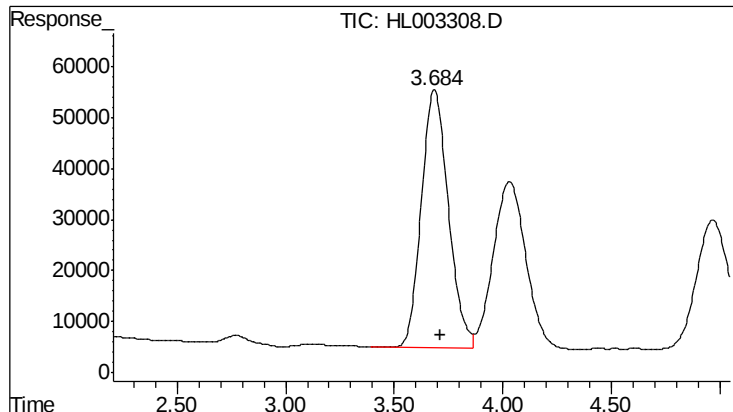
#9 2,4-Dinitrotoluene

R.T.: 8.403 min
Delta R.T.: -0.058 min
Response: 4104176
Conc: 259.14 ug/L



#10 2,6-Dinitrotoluene

R.T.: 8.812 min
Delta R.T.: -0.053 min
Response: 2185341
Conc: 248.27 ug/L



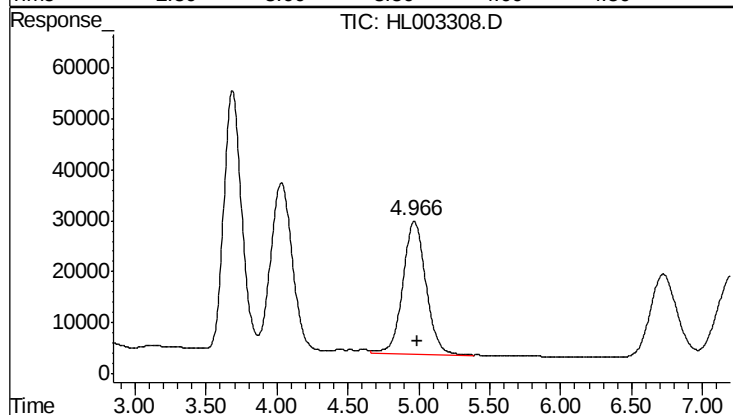
#11 1,3-Dinitrobenzene

R.T.: 3.686 min
 Delta R.T.: -0.025 min
 Response: 4393595
 Conc: 264.59 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 EN12020-1MSD

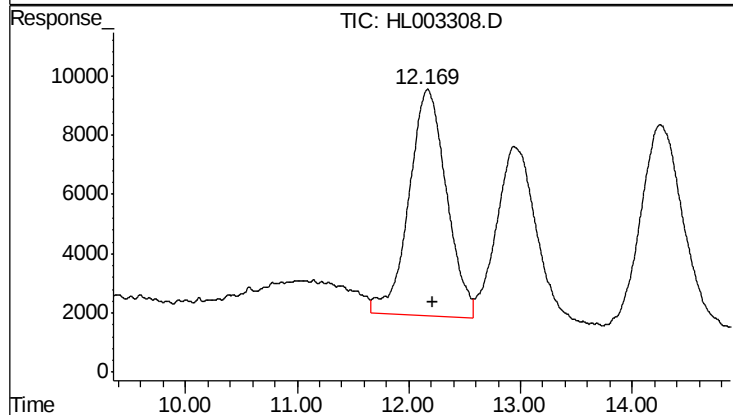
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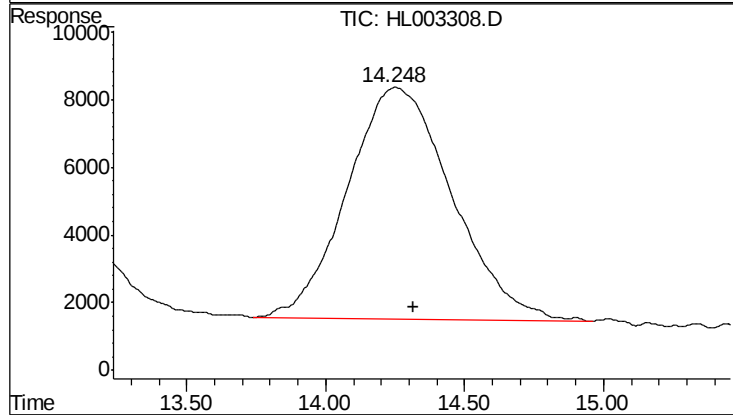
#12 Nitrobenzene

R.T.: 4.968 min
 Delta R.T.: -0.020 min
 Response: 2911524
 Conc: 259.94 ug/L



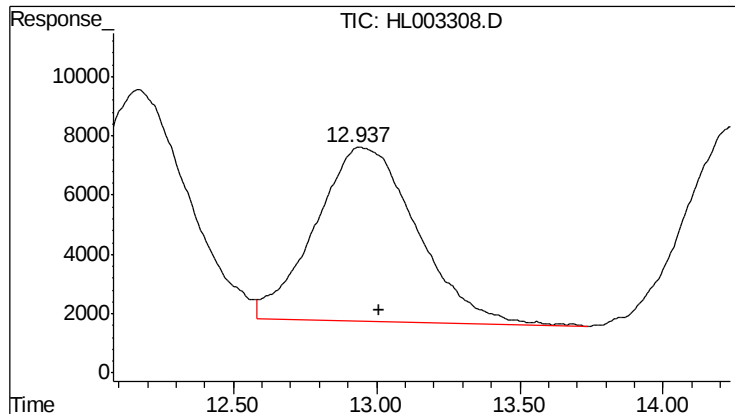
#13 2-Nitrotoluene

R.T.: 12.169 min
 Delta R.T.: -0.048 min
 Response: 1791081
 Conc: 256.77 ug/L



#14 3-Nitrotoluene

R.T.: 14.252 min
 Delta R.T.: -0.063 min
 Response: 1794068
 Conc: 242.95 ug/L



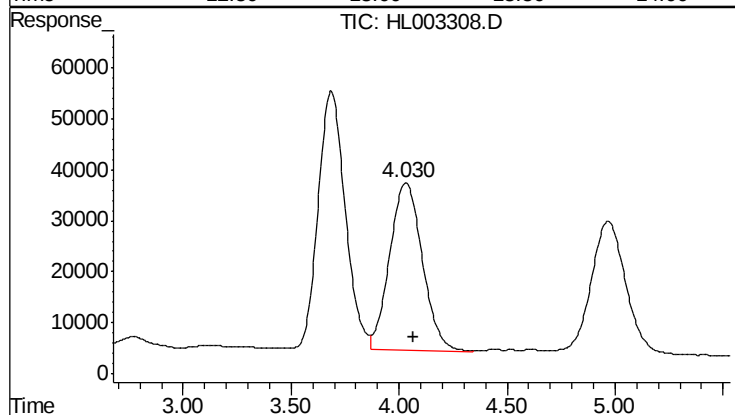
#15 4-Nitrotoluene

R.T.: 12.946 min
 Delta R.T.: -0.062 min
 Response: 1459895
 Conc: 245.53 ug/L

Instrument :
 HPLC_L
 ClientSampleId :
 EN12020-1MSD

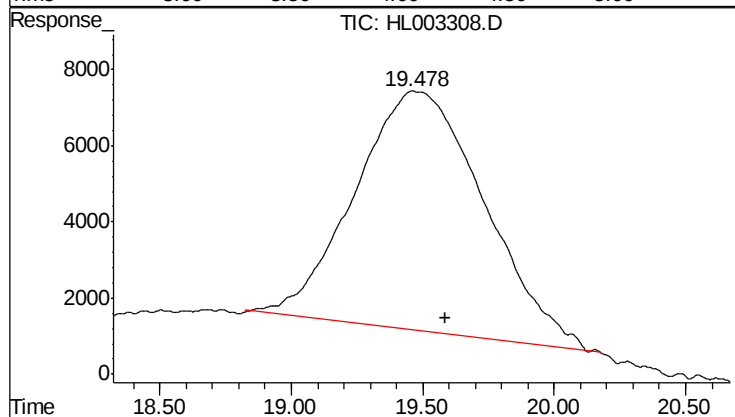
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#16 3,5-Dinitroaniline

R.T.: 4.032 min
 Delta R.T.: -0.034 min
 Response: 3461918
 Conc: 182.04 ug/L



#18 PETN

R.T.: 19.478 min
 Delta R.T.: -0.107 min
 Response: 2140441
 Conc: 222.22 ug/L m

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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	1.372f	1159397	318.789 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 106.26%
Target Compounds			
2) T HMX	0.912f	875863	189.062 ug/L m
3) T RDX	1.770f	1203824	211.978 ug/L
4) T 1,3,5-Trinitrobenzene	2.770f	128937	10.563 ug/L
6) T 2,4,6-Trinitrotoluene	6.724f	2178502	184.946 ug/L
7) T 2-Amino-4,6-dinitroto...	7.223f	2710165	242.677 ug/L
8) T 4-Amino-2,6-dinitroto...	7.585f	2027025	268.596 ug/L
9) T 2,4-Dinitrotoluene	8.403f	4104176	259.139 ug/L
10) T 2,6-Dinitrotoluene	8.812f	2185341	248.273 ug/L
11) T 1,3-Dinitrobenzene	3.686f	4393595	264.587 ug/L
12) T Nitrobenzene	4.968	2911524	259.945 ug/L
13) T 2-Nitrotoluene	12.169	1791081	256.767 ug/L
14) T 3-Nitrotoluene	14.252	1794068	242.950 ug/L
15) T 4-Nitrotoluene	12.946f	1459895	245.531 ug/L
16) T 3,5-Dinitroaniline	4.032f	3461918	182.037 ug/L
18) T PETN	19.478f	2140441	222.215 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.