

Data Path : X:\HPCHEM1\HPLC_L\Data\HL061512\
Data File : HL003312.D
Signal(s) : VWD1A.CH
Acq On : 16-Jun-2012, 00:39
Operator : HLM
Sample : SPIKE CHECK
Misc :
ALS Vial : 29 Sample Multiplier: 1

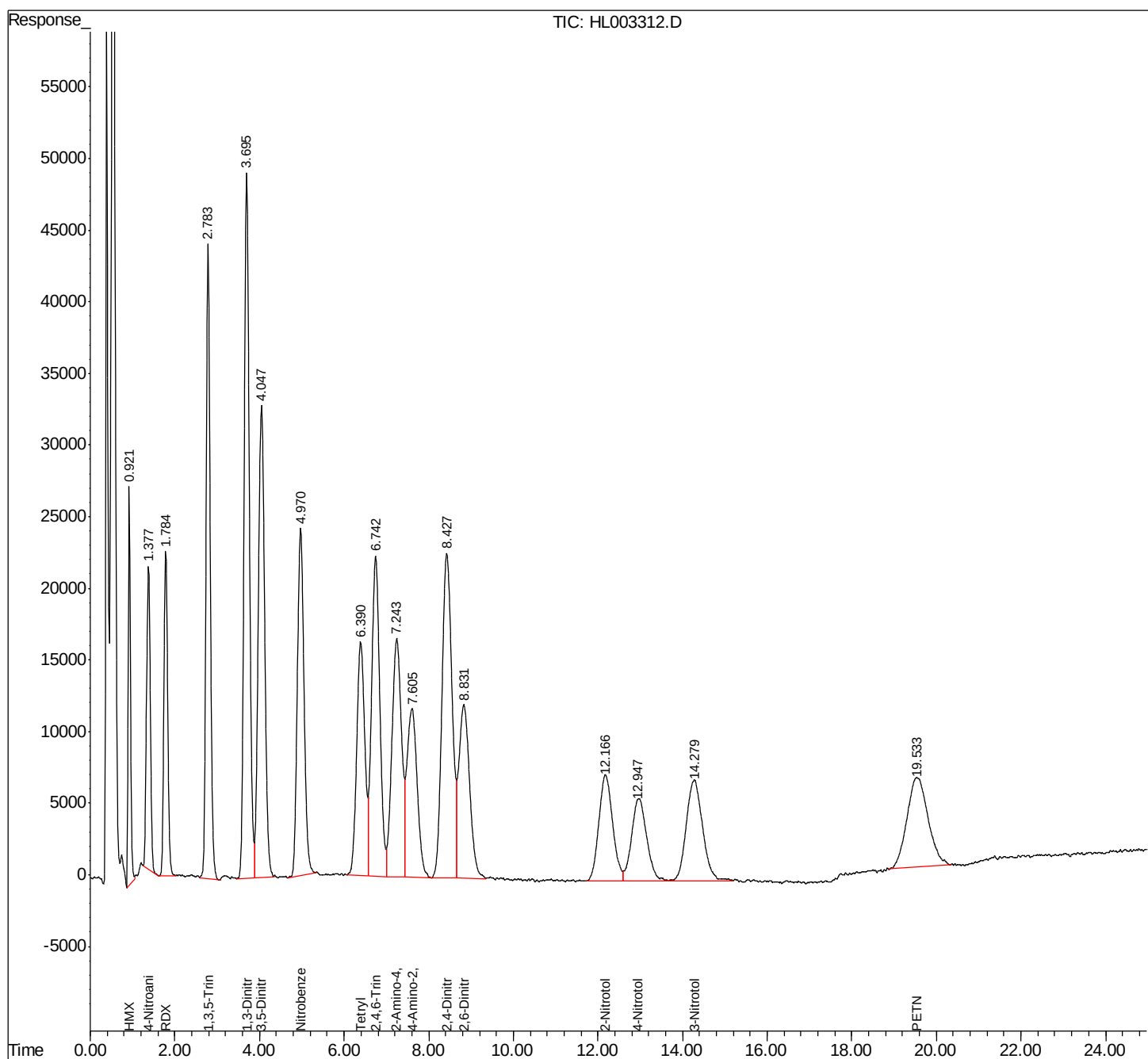
Instrument :
HPLC_L
ClientSampleId :
SPIKE CHECK

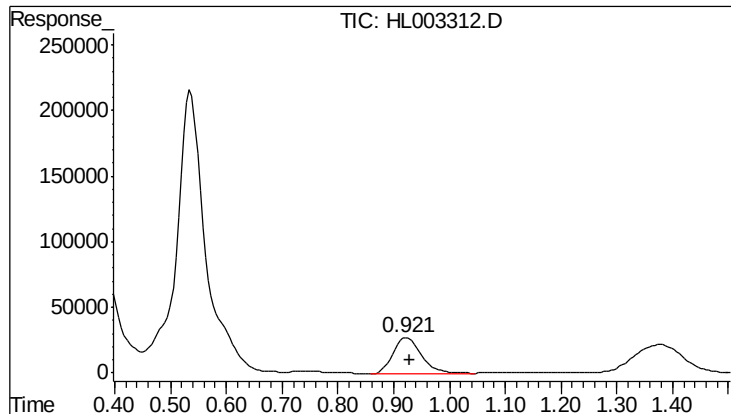
Manual Integrations
APPROVED

AHPatel
6/27/2012 12:44:53 AM

Integration File: events.e
Quant Time: Jun 23 03:47:14 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 :





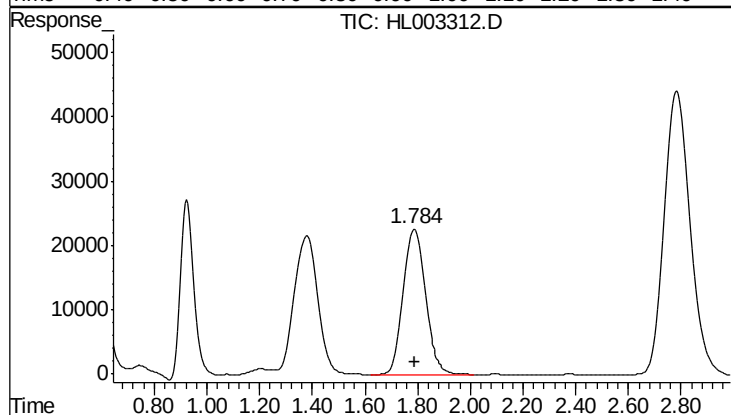
#2 HMX

R.T.: 0.924 min
Delta R.T.: -0.004 min
Response: 983052
Conc: 212.20 ug/L

Instrument :
HPLC_L
ClientSampleId :
SPIKE CHECK

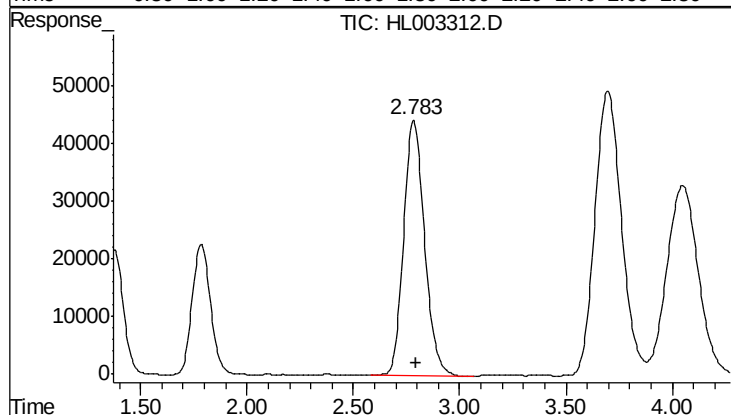
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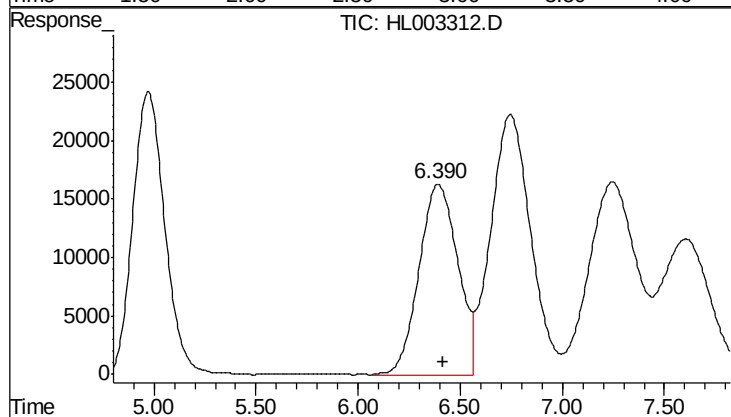
#3 RDX

R.T.: 1.786 min
Delta R.T.: -0.006 min
Response: 1360434
Conc: 239.55 ug/L



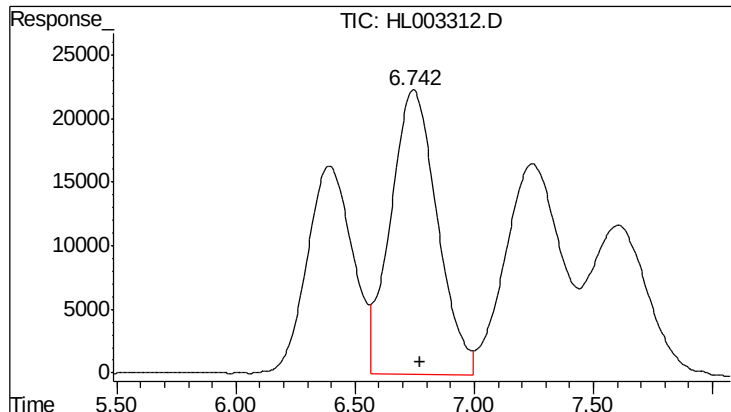
#4 1,3,5-Trinitrobenzene

R.T.: 2.785 min
Delta R.T.: -0.012 min
Response: 3037347
Conc: 248.83 ug/L



#5 Tetryl

R.T.: 6.392 min
Delta R.T.: -0.023 min
Response: 2164169
Conc: 242.74 ug/L



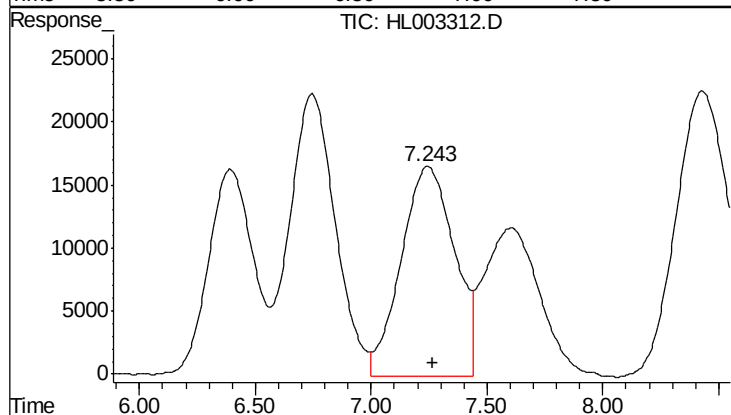
#6 2,4,6-Trinitrotoluene

R.T.: 6.745 min
Delta R.T.: -0.028 min
Response: 3055935
Conc: 259.44 ug/L

Instrument :
HPLC_L
ClientSampleId :
SPIKE CHECK

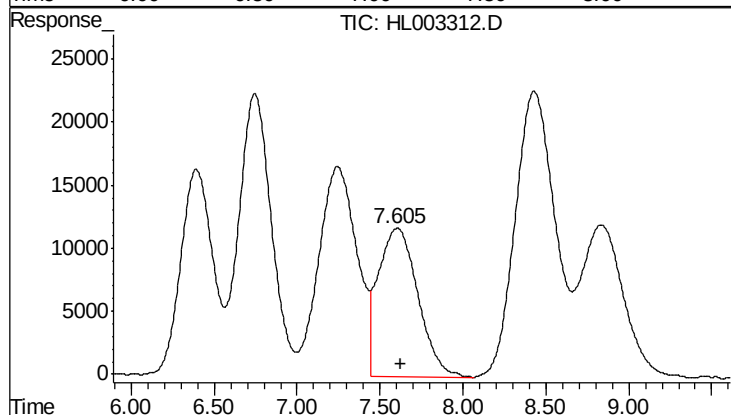
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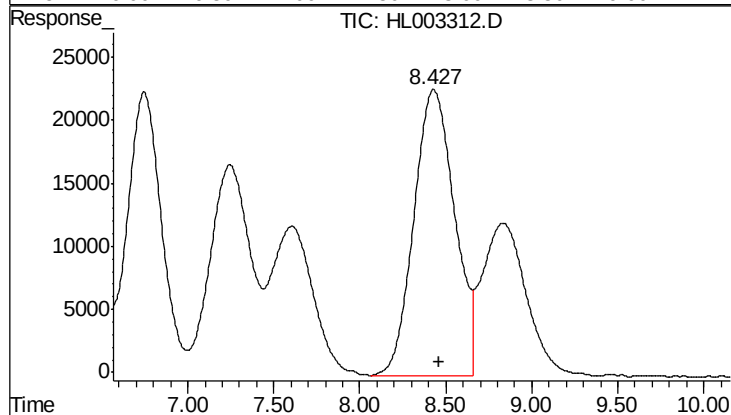
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.245 min
Delta R.T.: -0.019 min
Response: 2662766
Conc: 238.43 ug/L



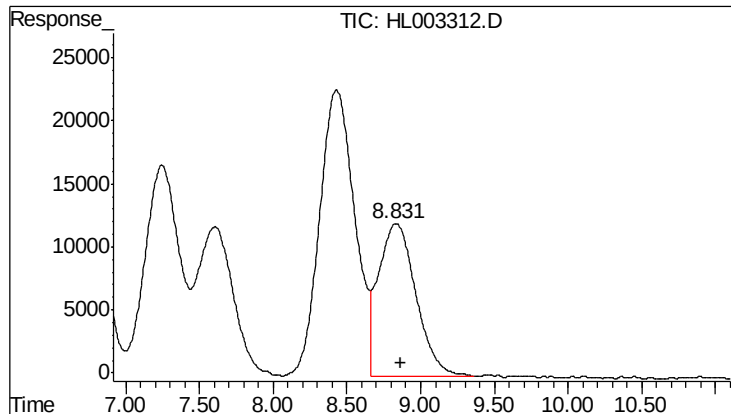
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.605 min
Delta R.T.: -0.018 min
Response: 1971337
Conc: 261.22 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.430 min
Delta R.T.: -0.031 min
Response: 3745552
Conc: 236.50 ug/L



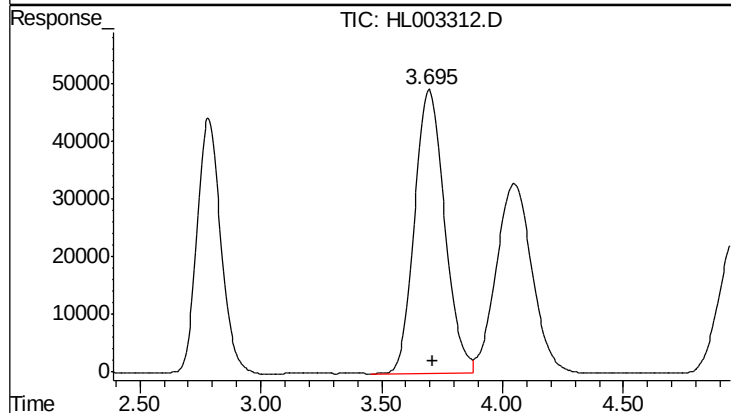
#10 2,6-Dinitrotoluene

R.T.: 8.834 min
Delta R.T.: -0.031 min
Response: 2146683
Conc: 243.88 ug/L

Instrument :
HPLC_L
ClientSampleId :
SPIKE CHECK

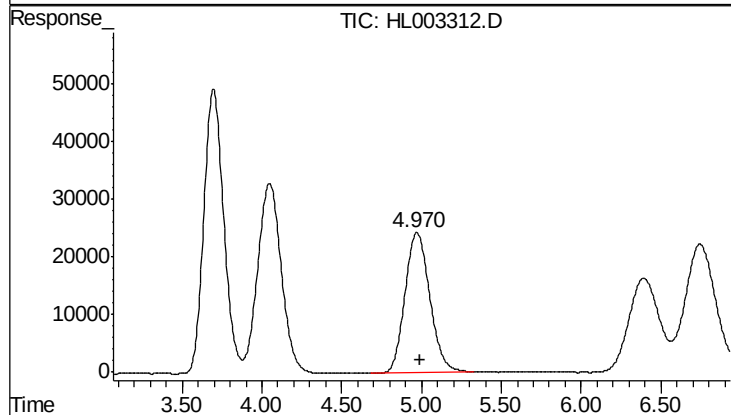
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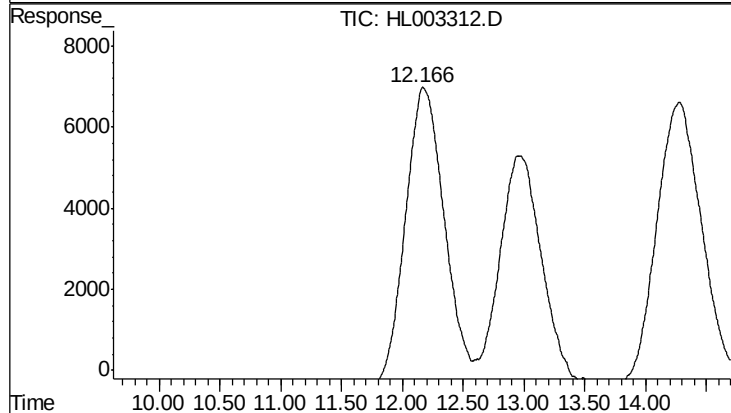
#11 1,3-Dinitrobenzene

R.T.: 3.697 min
Delta R.T.: -0.014 min
Response: 4259583
Conc: 256.52 ug/L



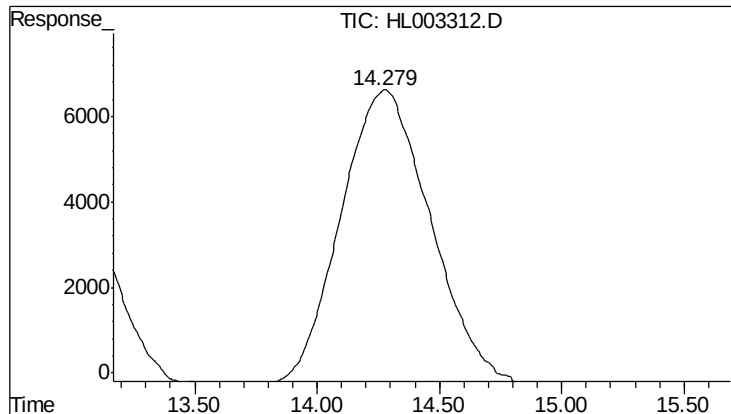
#12 Nitrobenzene

R.T.: 4.972 min
Delta R.T.: -0.016 min
Response: 2622266
Conc: 234.12 ug/L



#13 2-Nitrotoluene

R.T.: 12.173 min
Delta R.T.: -0.043 min
Response: 1686098
Conc: 241.72 ug/L



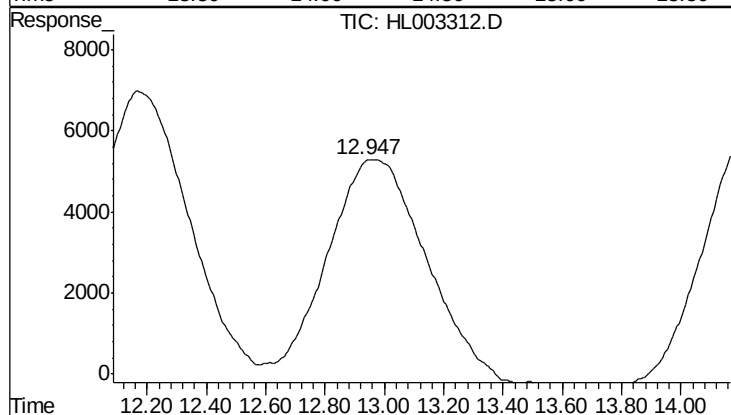
#14 3-Nitrotoluene

R.T.: 14.280 min
Delta R.T.: -0.036 min
Response: 1886761
Conc: 255.50 ug/L

Instrument :
HPLC_L
ClientSampleId :
SPIKE CHECK

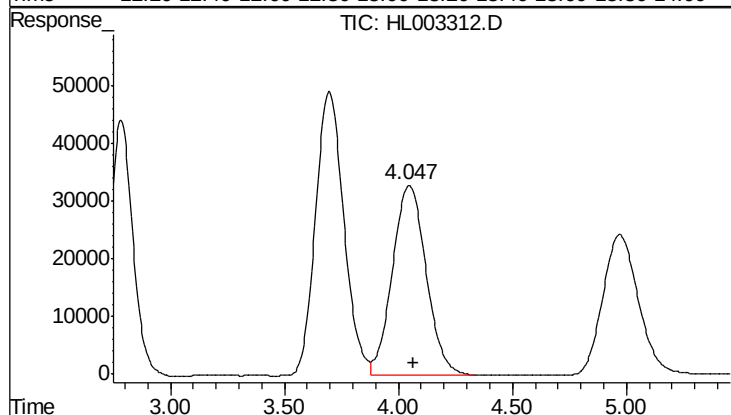
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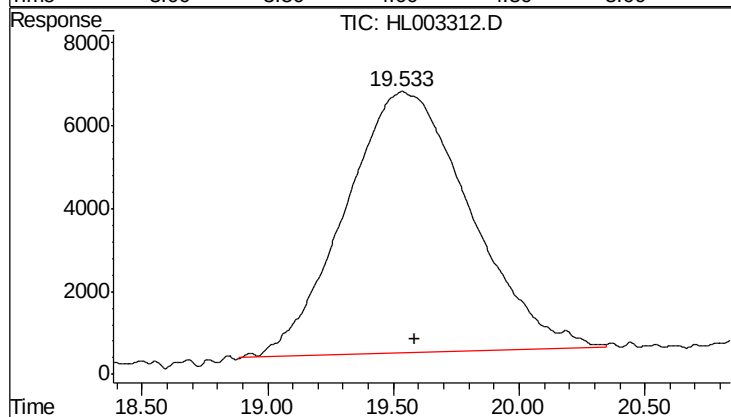
#15 4-Nitrotoluene

R.T.: 12.961 min
Delta R.T.: -0.047 min
Response: 1432179
Conc: 240.87 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.049 min
Delta R.T.: -0.017 min
Response: 3395691
Conc: 178.55 ug/L



#18 PETN

R.T.: 19.533 min
Delta R.T.: -0.052 min
Response: 2173716
Conc: 225.67 ug/L m

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 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	1.379	1279169	351.722 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 117.24%
Target Compounds			
2) T HMX	0.924	983052	212.199 ug/L
3) T RDX	1.786	1360434	239.555 ug/L
4) T 1,3,5-Trinitrobenzene	2.785	3037347	248.827 ug/L
5) T Tetryl	6.392	2164169	242.736 ug/L
6) T 2,4,6-Trinitrotoluene	6.745	3055935	259.436 ug/L
7) T 2-Amino-4,6-dinitroto...	7.245	2662766	238.433 ug/L
8) T 4-Amino-2,6-dinitroto...	7.605	1971337	261.217 ug/L
9) T 2,4-Dinitrotoluene	8.430	3745552	236.496 ug/L
10) T 2,6-Dinitrotoluene	8.834	2146683	243.881 ug/L
11) T 1,3-Dinitrobenzene	3.697	4259583	256.516 ug/L
12) T Nitrobenzene	4.972	2622266	234.119 ug/L
13) T 2-Nitrotoluene	12.173	1686098	241.717 ug/L
14) T 3-Nitrotoluene	14.280	1886761	255.503 ug/L
15) T 4-Nitrotoluene	12.961	1432179	240.869 ug/L
16) T 3,5-Dinitroaniline	4.049	3395691	178.555 ug/L
18) T PETN	19.533	2173716	225.670 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.