

Data Path : X:\HPCHEM1\HPLC_L\Data\HL050312\
Data File : HL002939.D
Signal(s) : VWD1A.CH
Acq On : 04-May-2012, 06:23
Operator : HLM
Sample : 8330-CCV
Misc :
ALS Vial : 4 Sample Multiplier: 1

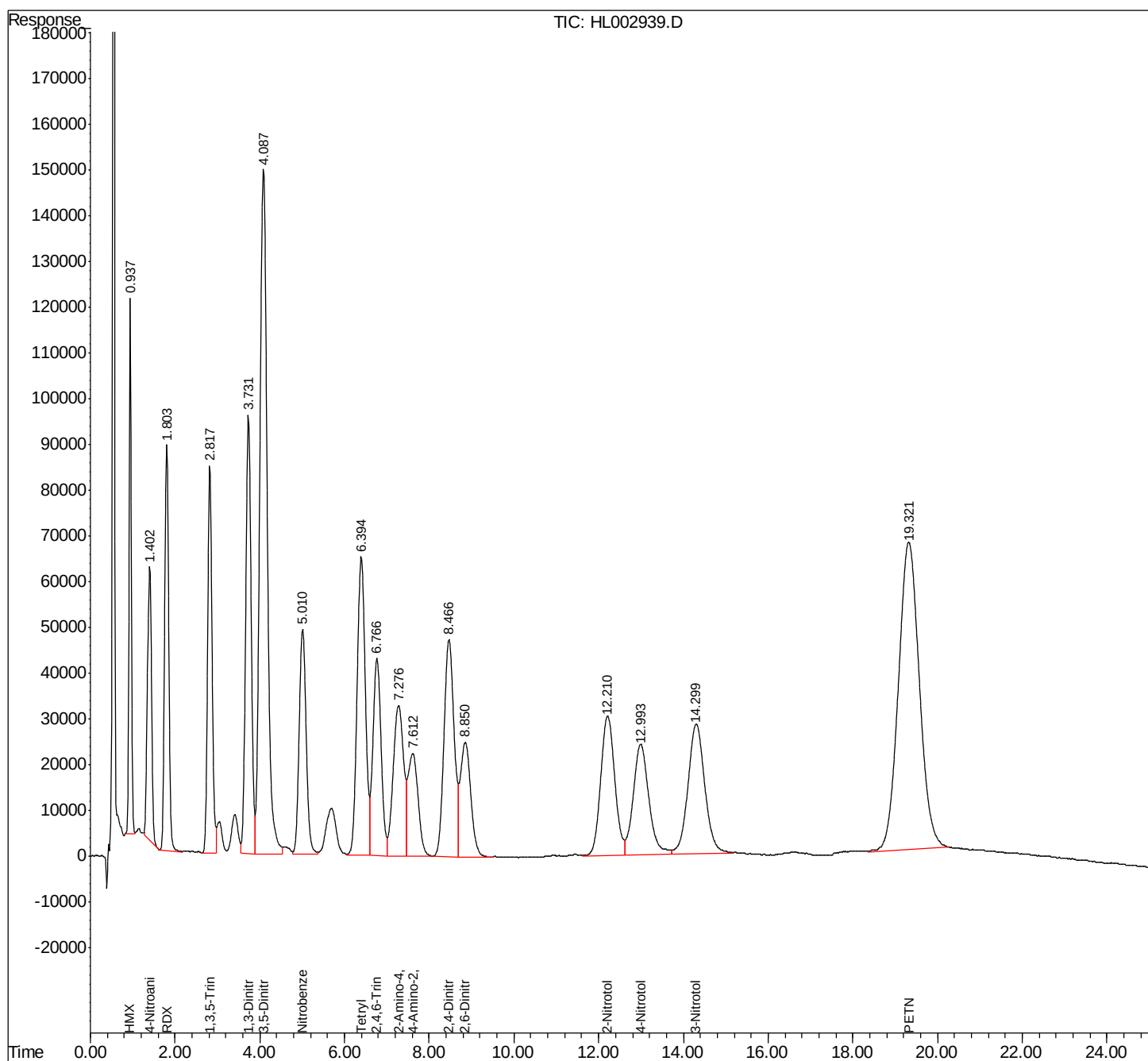
Instrument :
HPLC_L
ClientSampleId :
CCAL05

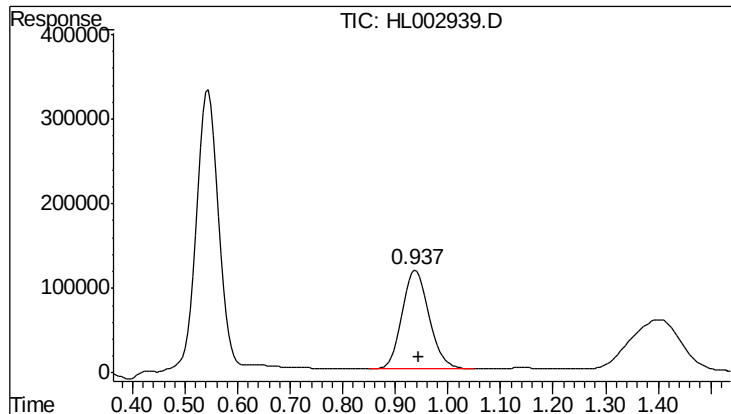
Manual Integrations
APPROVED

AHPatel
5/5/2012 3:46:23 AM

Integration File: events.e
Quant Time: May 05 05:46:28 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 :





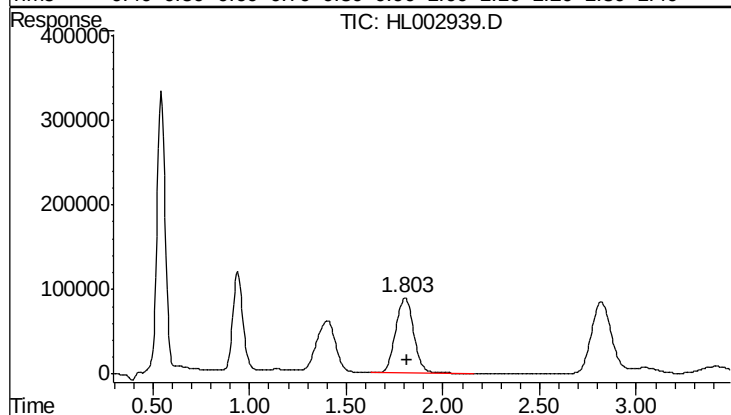
#2 HMX

R.T.: 0.937 min
Delta R.T.: -0.008 min
Response: 4134637
Conc: 963.59 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

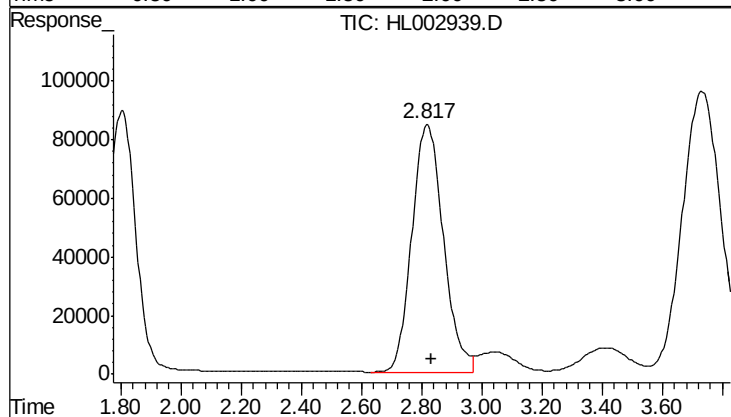
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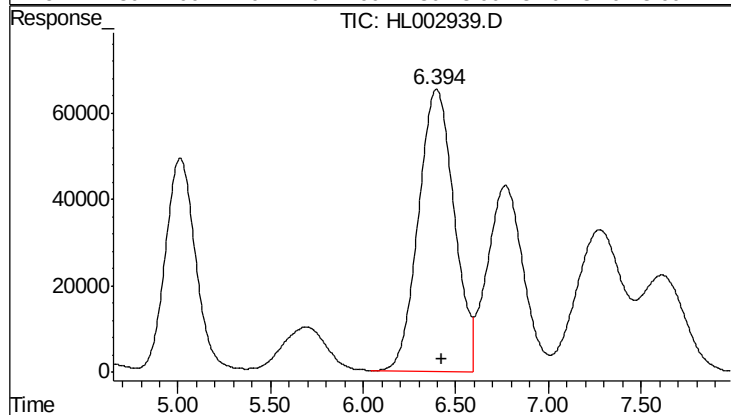
#3 RDX

R.T.: 1.805 min
Delta R.T.: -0.011 min
Response: 5792534
Conc: 1026.97 ug/L



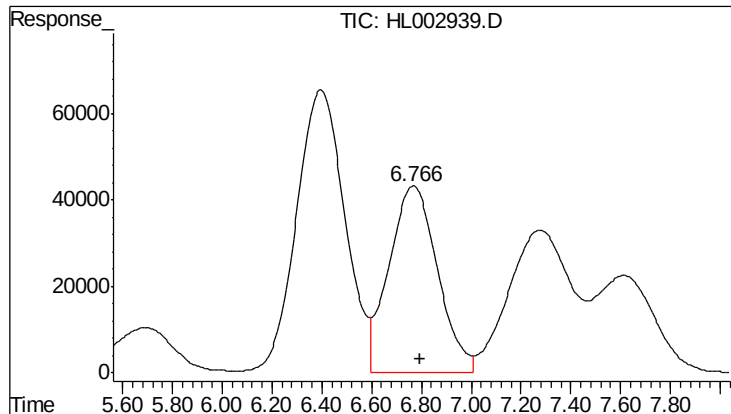
#4 1,3,5-Trinitrobenzene

R.T.: 2.819 min
Delta R.T.: -0.013 min
Response: 6148953
Conc: 490.32 ug/L



#5 Tetryl

R.T.: 6.396 min
Delta R.T.: -0.028 min
Response: 8779378
Conc: 977.43 ug/L



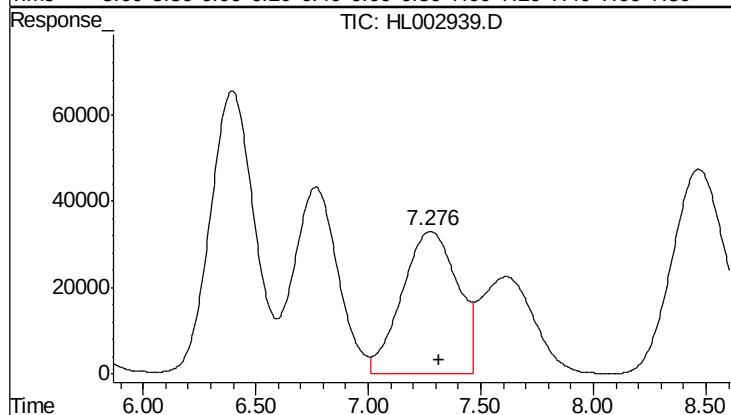
#6 2,4,6-Trinitrotoluene

R.T.: 6.768 min
Delta R.T.: -0.028 min
Response: 5841559
Conc: 485.83 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

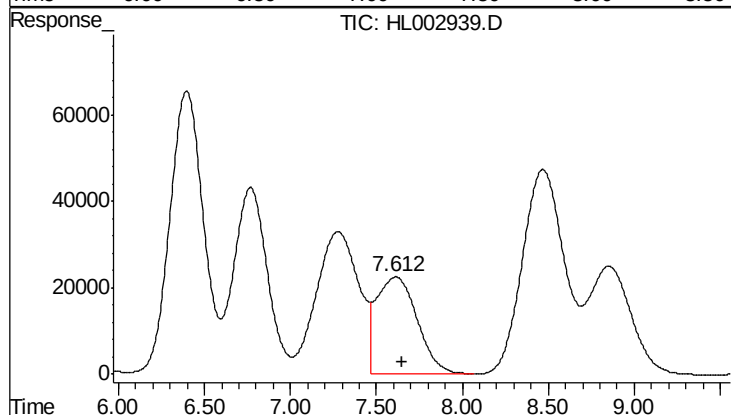
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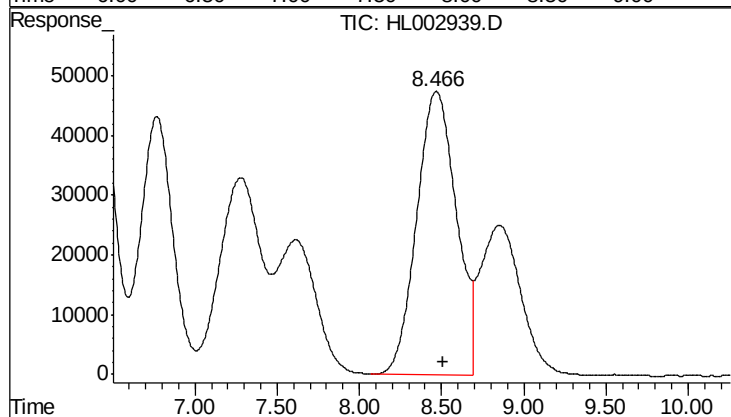
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.278 min
Delta R.T.: -0.036 min
Response: 5657770
Conc: 513.30 ug/L



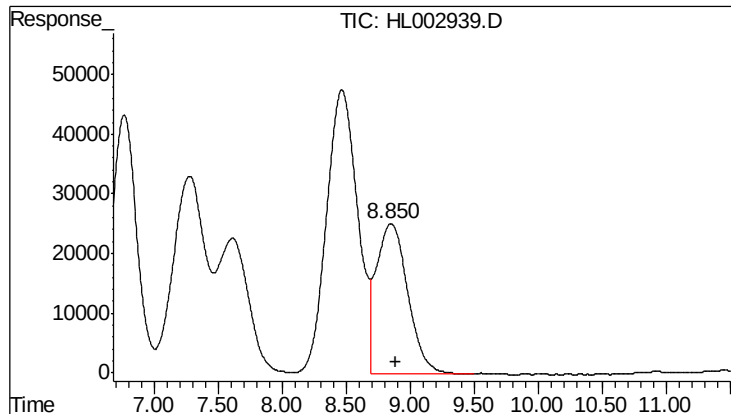
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.613 min
Delta R.T.: -0.036 min
Response: 3721846
Conc: 491.62 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.468 min
Delta R.T.: -0.038 min
Response: 7985625
Conc: 491.99 ug/L



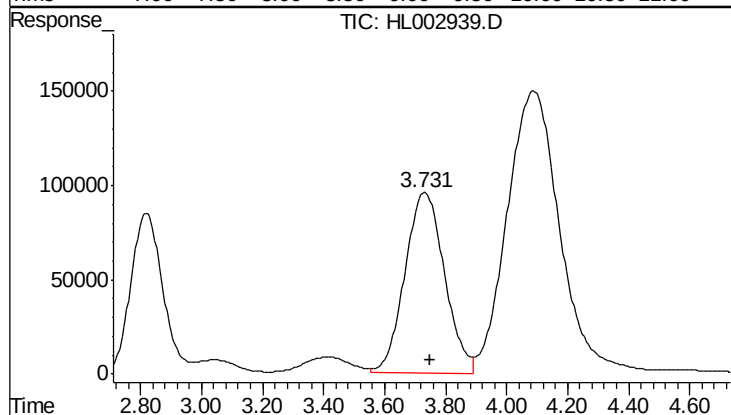
#10 2,6-Dinitrotoluene

R.T.: 8.852 min
Delta R.T.: -0.040 min
Response: 4327786
Conc: 481.79 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

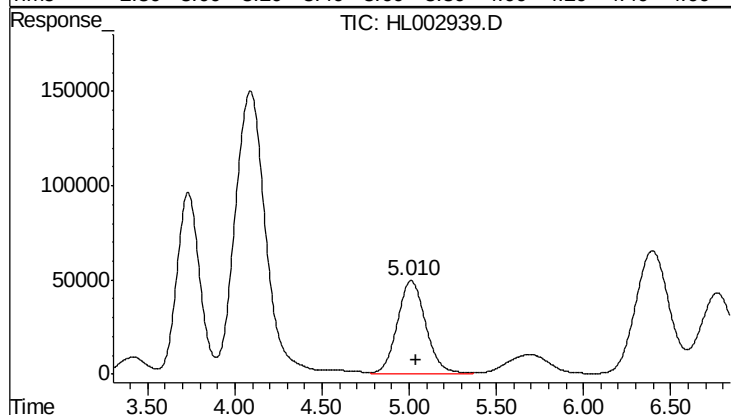
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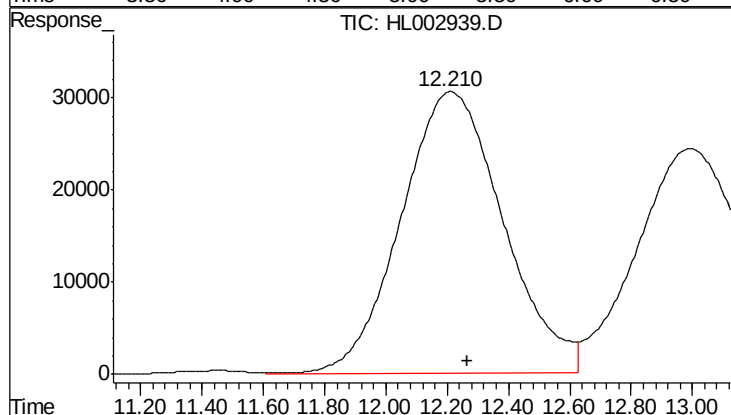
#11 1,3-Dinitrobenzene

R.T.: 3.733 min
Delta R.T.: -0.019 min
Response: 8660424
Conc: 493.09 ug/L



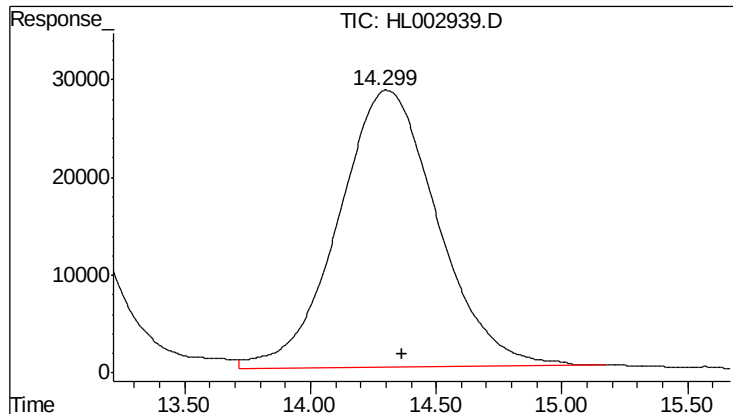
#12 Nitrobenzene

R.T.: 5.012 min
Delta R.T.: -0.025 min
Response: 5574929
Conc: 504.66 ug/L



#13 2-Nitrotoluene

R.T.: 12.212 min
Delta R.T.: -0.052 min
Response: 7085317
Conc: 1019.15 ug/L



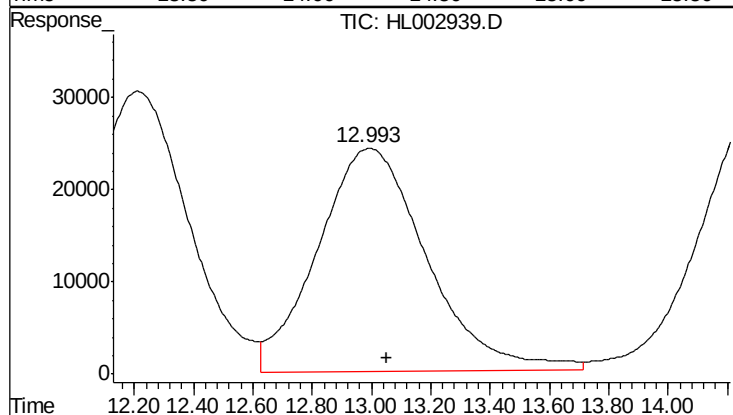
#14 3-Nitrotoluene

R.T.: 14.304 min
Delta R.T.: -0.062 min
Response: 7802599
Conc: 1036.34 ug/L

Instrument :
HPLC_L
ClientSampleId :
CCAL05

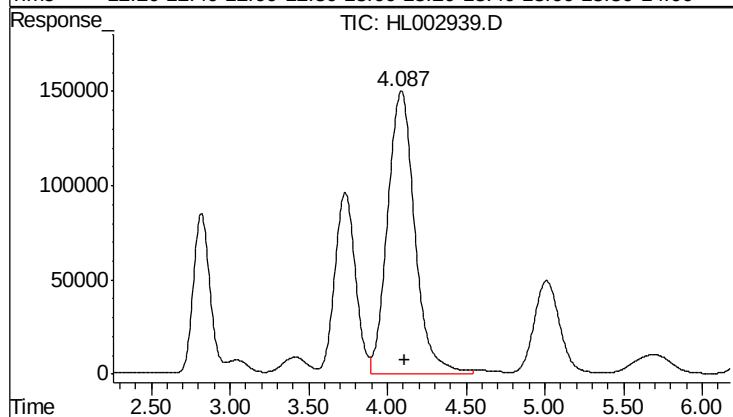
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5/5/2012 3:46:23 AM



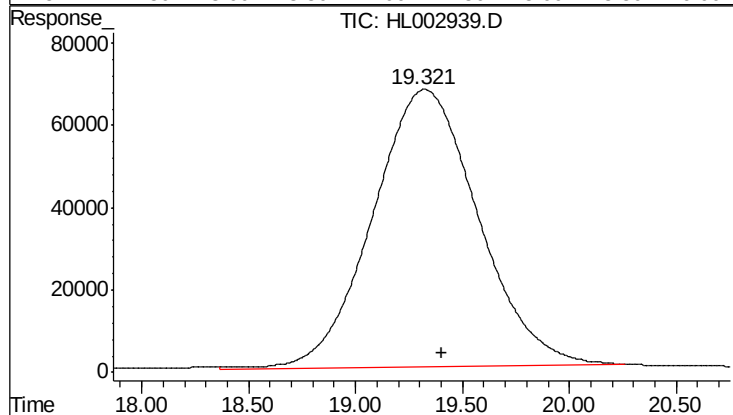
#15 4-Nitrotoluene

R.T.: 12.994 min
Delta R.T.: -0.056 min
Response: 6206030
Conc: 1053.18 ug/L



#16 3,5-Dinitroaniline

R.T.: 4.089 min
Delta R.T.: -0.022 min
Response: 17999434
Conc: 1009.11 ug/L



#18 PETN

R.T.: 19.323 min
Delta R.T.: -0.080 min
Response: 23113455
Conc: 2267.67 ug/L

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 HPLC_L
 ClientSampleId :
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 QLast Update : Fri May 04 10:28:19 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	1.404	3979442	1087.618 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 362.54%#
Target Compounds			
2) T HMX	0.937f	4134637	963.590 ug/L m
3) T RDX	1.805	5792534	1026.967 ug/L
4) T 1,3,5-Trinitrobenzene	2.819	6148953	490.316 ug/L
5) T Tetryl	6.396	8779378	977.425 ug/L
6) T 2,4,6-Trinitrotoluene	6.768	5841559	485.834 ug/L
7) T 2-Amino-4,6-dinitroto...	7.278f	5657770	513.298 ug/L
8) T 4-Amino-2,6-dinitroto...	7.613f	3721846	491.621 ug/L
9) T 2,4-Dinitrotoluene	8.468	7985625	491.989 ug/L
10) T 2,6-Dinitrotoluene	8.852f	4327786	481.795 ug/L
11) T 1,3-Dinitrobenzene	3.733f	8660424	493.086 ug/L
12) T Nitrobenzene	5.012f	5574929	504.658 ug/L
13) T 2-Nitrotoluene	12.212	7085317	1019.150 ug/L
14) T 3-Nitrotoluene	14.304	7802599	1036.343 ug/L
15) T 4-Nitrotoluene	12.994	6206030	1053.180 ug/L
16) T 3,5-Dinitroaniline	4.089	17999434	1009.111 ug/L
18) T PETN	19.323	23113455	2267.672 ug/L

(f)=RT Delta > 1/2 Window

(m)=manual int.