

Data Path : X:\HPCHEM1\HPLC_L\Data\HL050312\
Data File : HL002936.D
Signal(s) : VWD1A.CH
Acq On : 04-May-2012, 05:02
Operator : HLM
Sample : D2332-08MSD1
Misc :
ALS Vial : 76 Sample Multiplier: 1

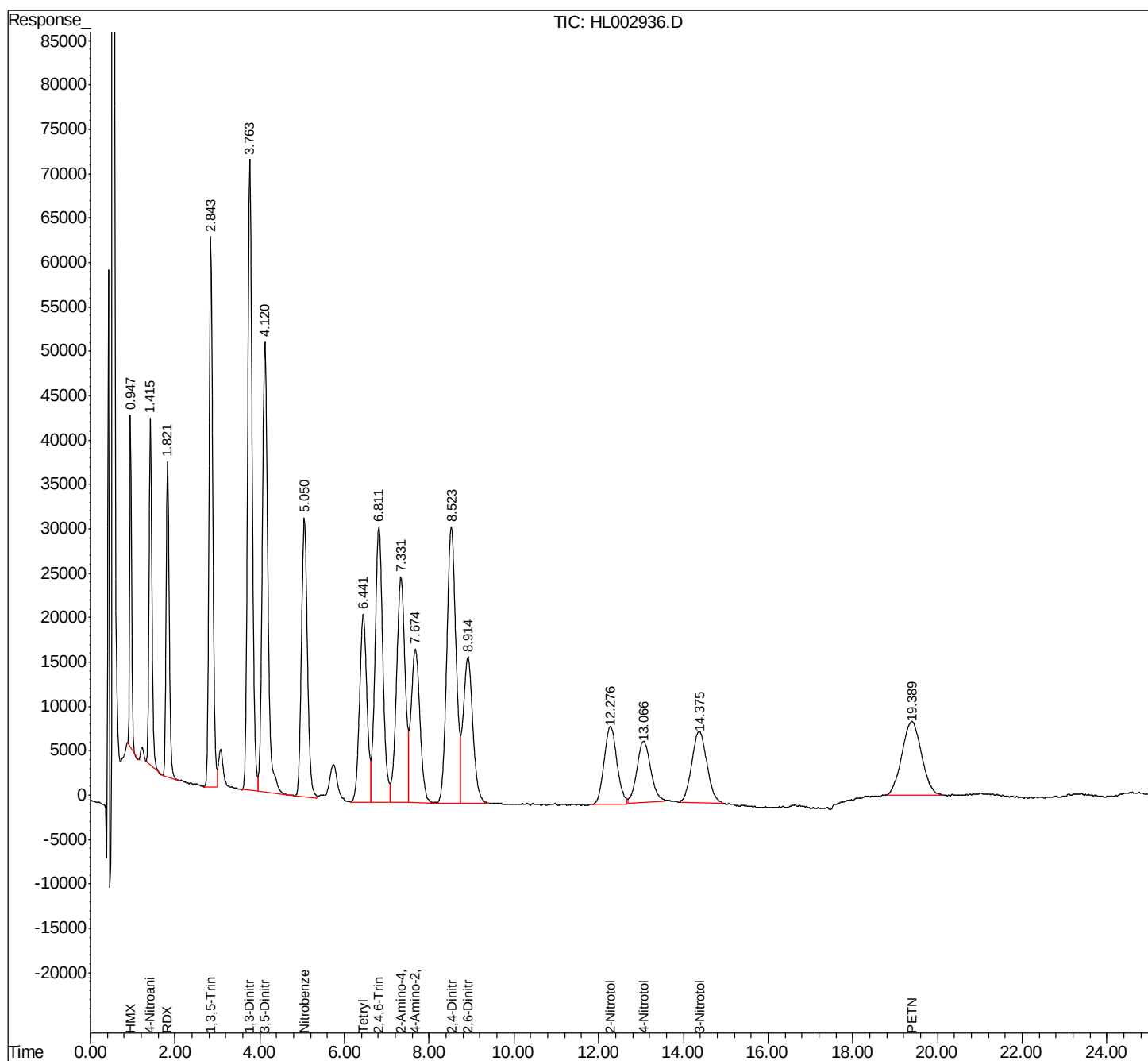
Instrument :
HPLC_L
ClientSampled :
TW-25MSD1

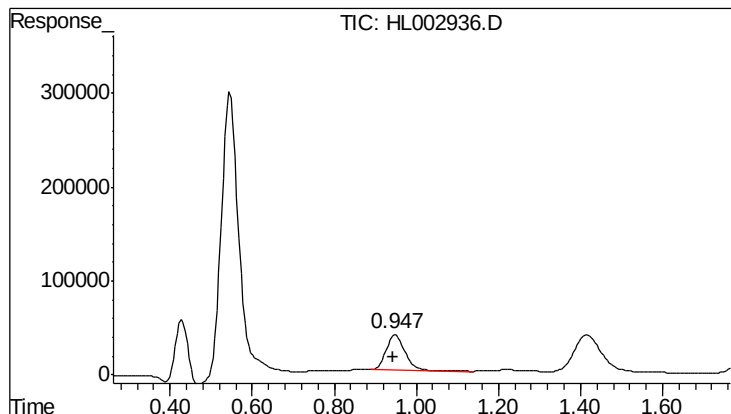
Manual Integrations
APPROVED

AHPatel
5/5/2012 3:46:22 AM

Integration File: events.e
Quant Time: May 05 05:45:55 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 :





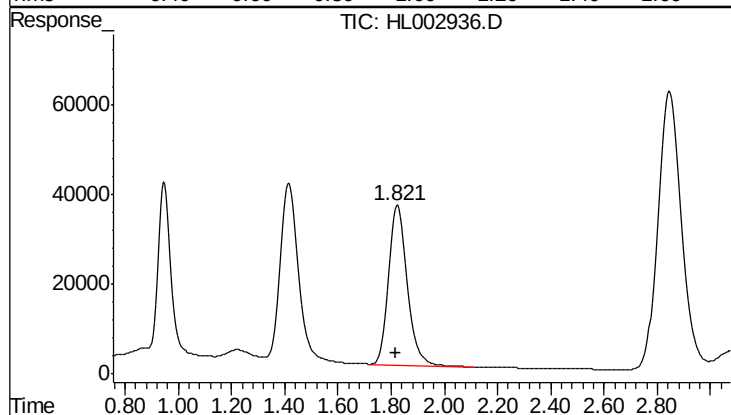
#2 HMX

R.T.: 0.949 min
Delta R.T.: 0.004 min
Response: 1154044
Conc: 273.35 ug/L

Instrument :
HPLC_L
ClientSampleId :
TW-25MSD1

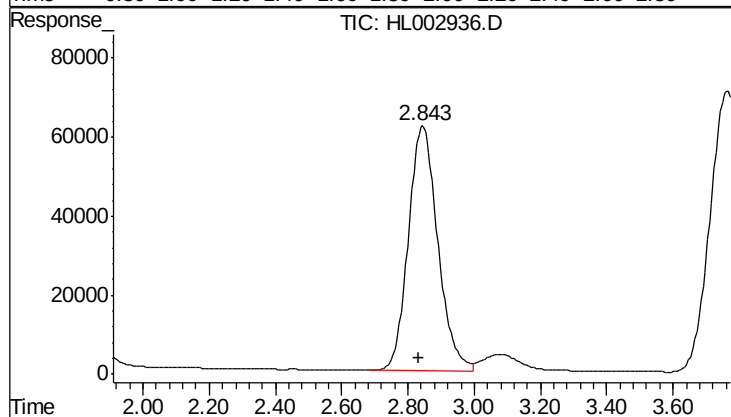
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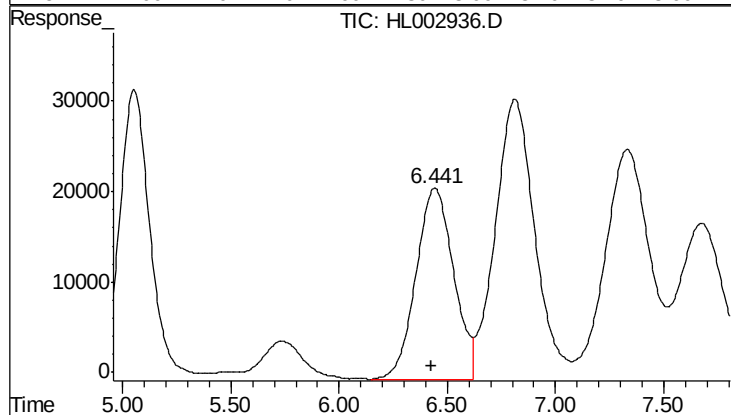
#3 RDX

R.T.: 1.824 min
Delta R.T.: 0.007 min
Response: 1738757
Conc: 308.27 ug/L



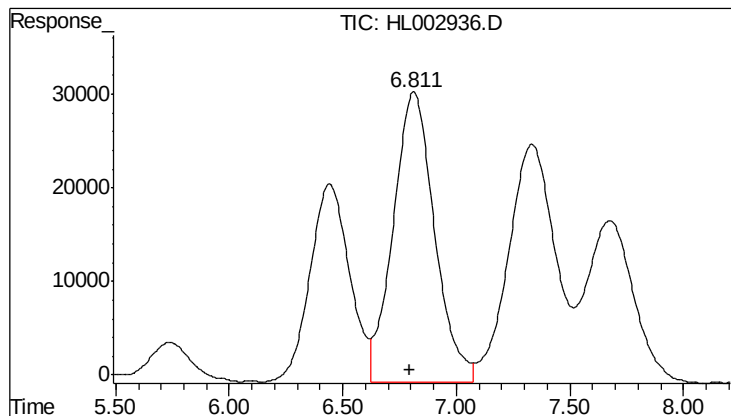
#4 1,3,5-Trinitrobenzene

R.T.: 2.845 min
Delta R.T.: 0.012 min
Response: 3799827
Conc: 303.00 ug/L



#5 Tetryl

R.T.: 6.443 min
Delta R.T.: 0.019 min
Response: 2564626
Conc: 285.52 ug/L



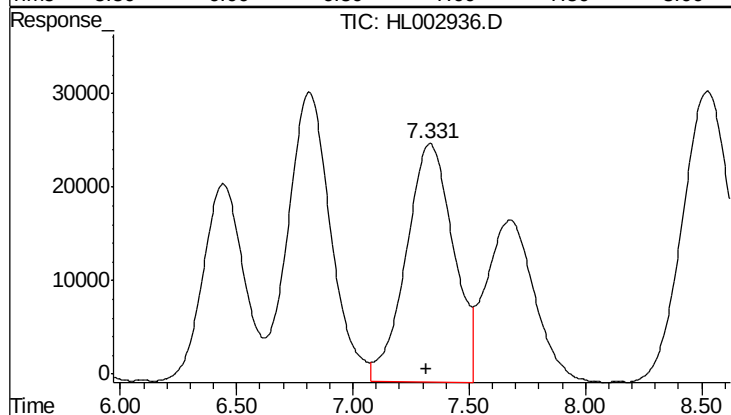
#6 2,4,6-Trinitrotoluene

R.T.: 6.813 min
Delta R.T.: 0.017 min
Response: 3939845
Conc: 327.67 ug/L

Instrument :
HPLC_L
ClientSampleId :
TW-25MSD1

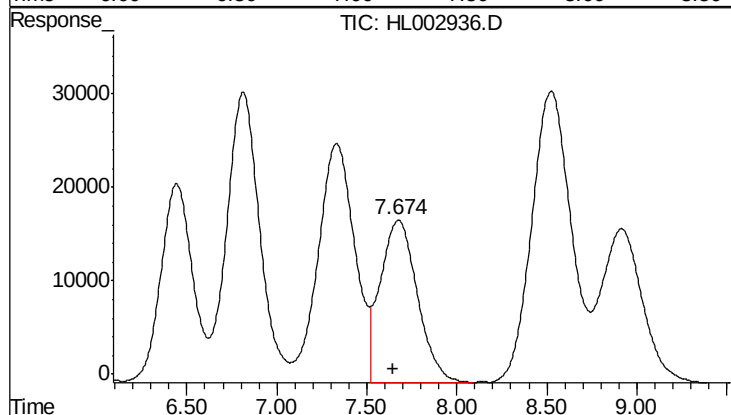
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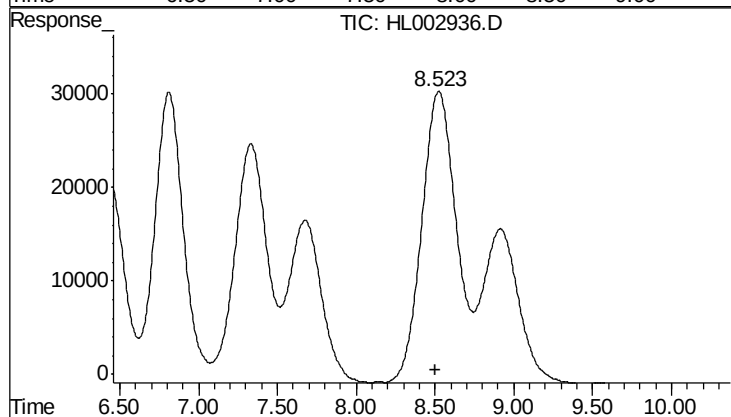
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.333 min
Delta R.T.: 0.019 min
Response: 3610691
Conc: 327.58 ug/L



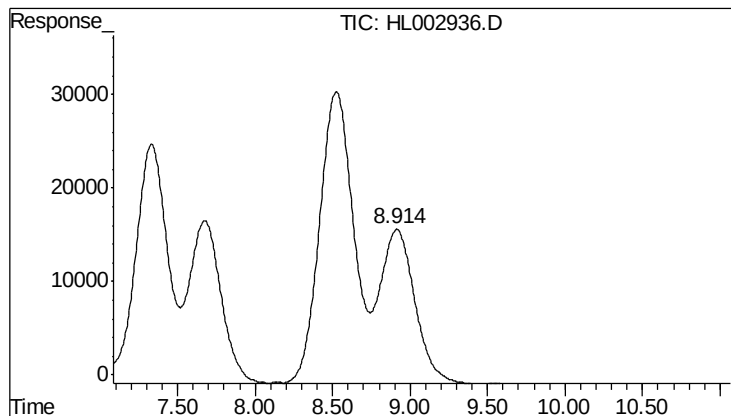
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.675 min
Delta R.T.: 0.026 min
Response: 2504519
Conc: 330.82 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.524 min
Delta R.T.: 0.018 min
Response: 4703249
Conc: 289.76 ug/L



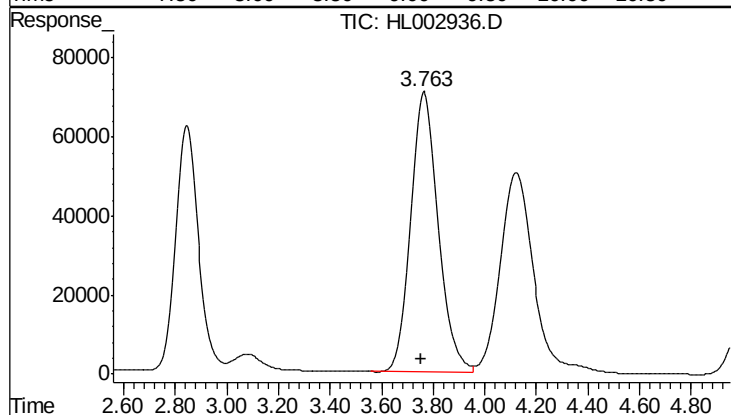
#10 2,6-Dinitrotoluene

R.T.: 8.916 min
Delta R.T.: 0.023 min
Response: 2625985
Conc: 292.34 ug/L

Instrument :
HPLC_L
ClientSampleId :
TW-25MSD1

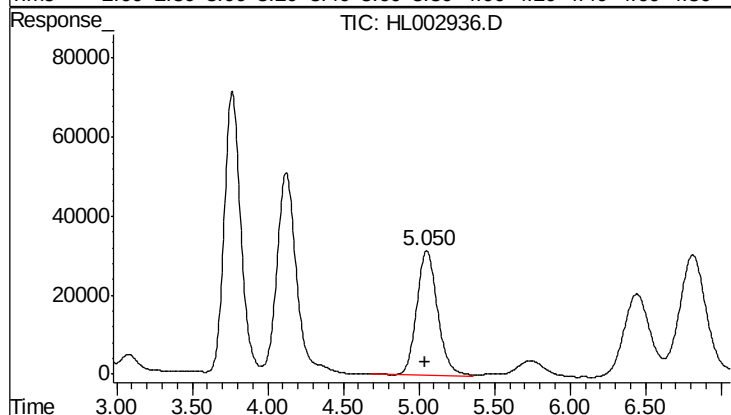
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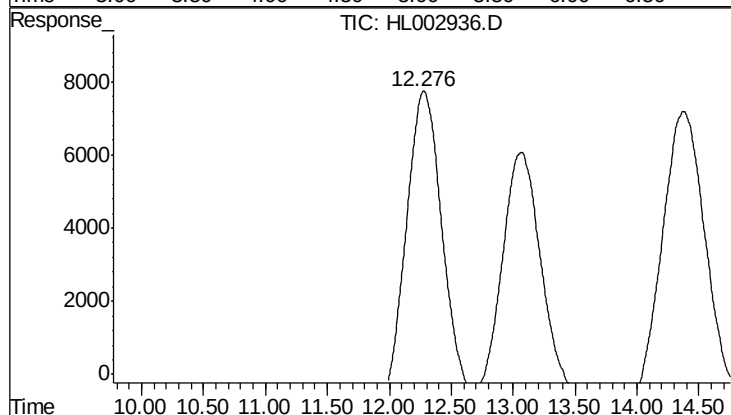
#11 1,3-Dinitrobenzene

R.T.: 3.765 min
Delta R.T.: 0.013 min
Response: 5350457
Conc: 304.63 ug/L



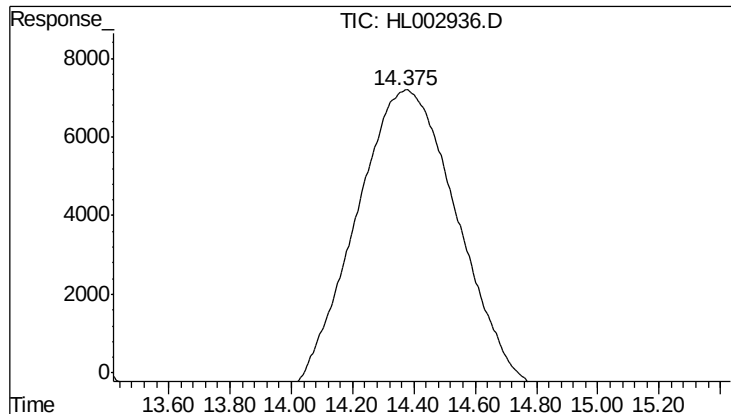
#12 Nitrobenzene

R.T.: 5.052 min
Delta R.T.: 0.015 min
Response: 3021173
Conc: 273.48 ug/L



#13 2-Nitrotoluene

R.T.: 12.276 min
Delta R.T.: 0.011 min
Response: 1846333
Conc: 265.58 ug/L m



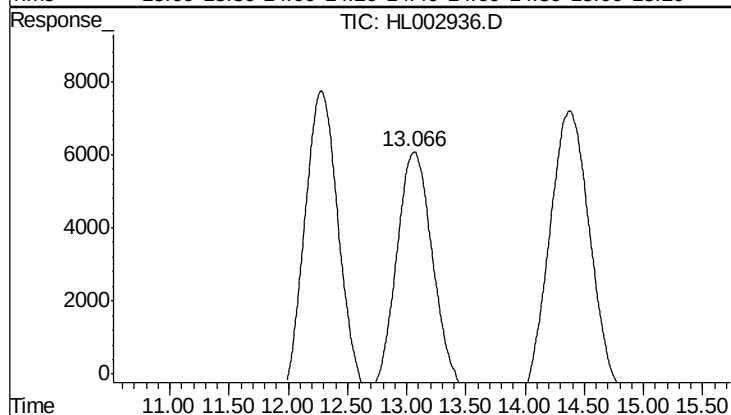
#14 3-Nitrotoluene

R.T.: 14.375 min
Delta R.T.: 0.009 min
Response: 2012220
Conc: 267.26 ug/L m

Instrument :
HPLC_L
ClientSampleId :
TW-25MSD1

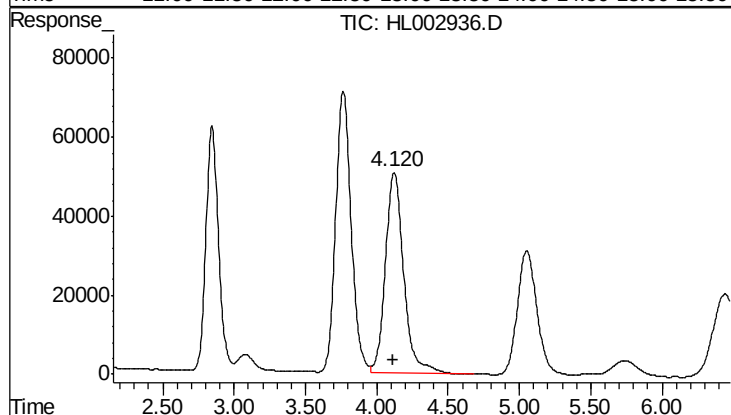
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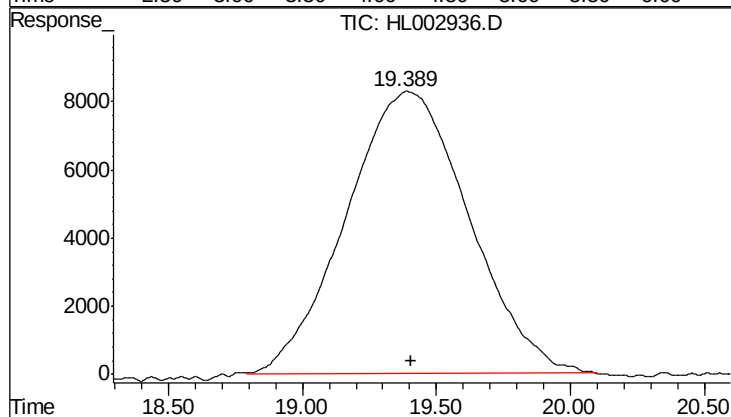
#15 4-Nitrotoluene

R.T.: 13.066 min
Delta R.T.: 0.016 min
Response: 1557584
Conc: 264.33 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.122 min
Delta R.T.: 0.011 min
Response: 4559946
Conc: 255.65 ug/L



#18 PETN

R.T.: 19.389 min
Delta R.T.: -0.015 min
Response: 2637711
Conc: 258.79 ug/L m

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 ALS Vial : 76 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	1.417	1818594	497.038 ug/L
Spiked Amount 300.000	Range 37 - 149	Recovery	= 165.68%#
Target Compounds			
2) T HMX	0.949	1154044	273.355 ug/L
3) T RDX	1.824	1738757	308.267 ug/L
4) T 1,3,5-Trinitrobenzene	2.845	3799827	302.997 ug/L
5) T Tetryl	6.443	2564626	285.525 ug/L
6) T 2,4,6-Trinitrotoluene	6.813	3939845	327.671 ug/L
7) T 2-Amino-4,6-dinitroto...	7.333	3610691	327.578 ug/L
8) T 4-Amino-2,6-dinitroto...	7.675	2504519	330.823 ug/L
9) T 2,4-Dinitrotoluene	8.524	4703249	289.764 ug/L
10) T 2,6-Dinitrotoluene	8.916	2625985	292.340 ug/L
11) T 1,3-Dinitrobenzene	3.765	5350457	304.631 ug/L
12) T Nitrobenzene	5.052	3021173	273.485 ug/L
13) T 2-Nitrotoluene	12.276	1846333	265.576 ug/L m
14) T 3-Nitrotoluene	14.375	2012220	267.264 ug/L m
15) T 4-Nitrotoluene	13.066	1557584	264.326 ug/L m
16) T 3,5-Dinitroaniline	4.122	4559946	255.646 ug/L
18) T PETN	19.389	2637711	258.787 ug/L m

(f)=RT Delta > 1/2 Window

(m)=manual int.