

Data Path : X:\HPCHEM1\HPLC\_L\Data\HL050312\  
Data File : HL002919.D  
Signal(s) : VWD1A.CH  
Acq On : 03-May-2012, 21:24  
Operator : HLM  
Sample : 8330-2  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

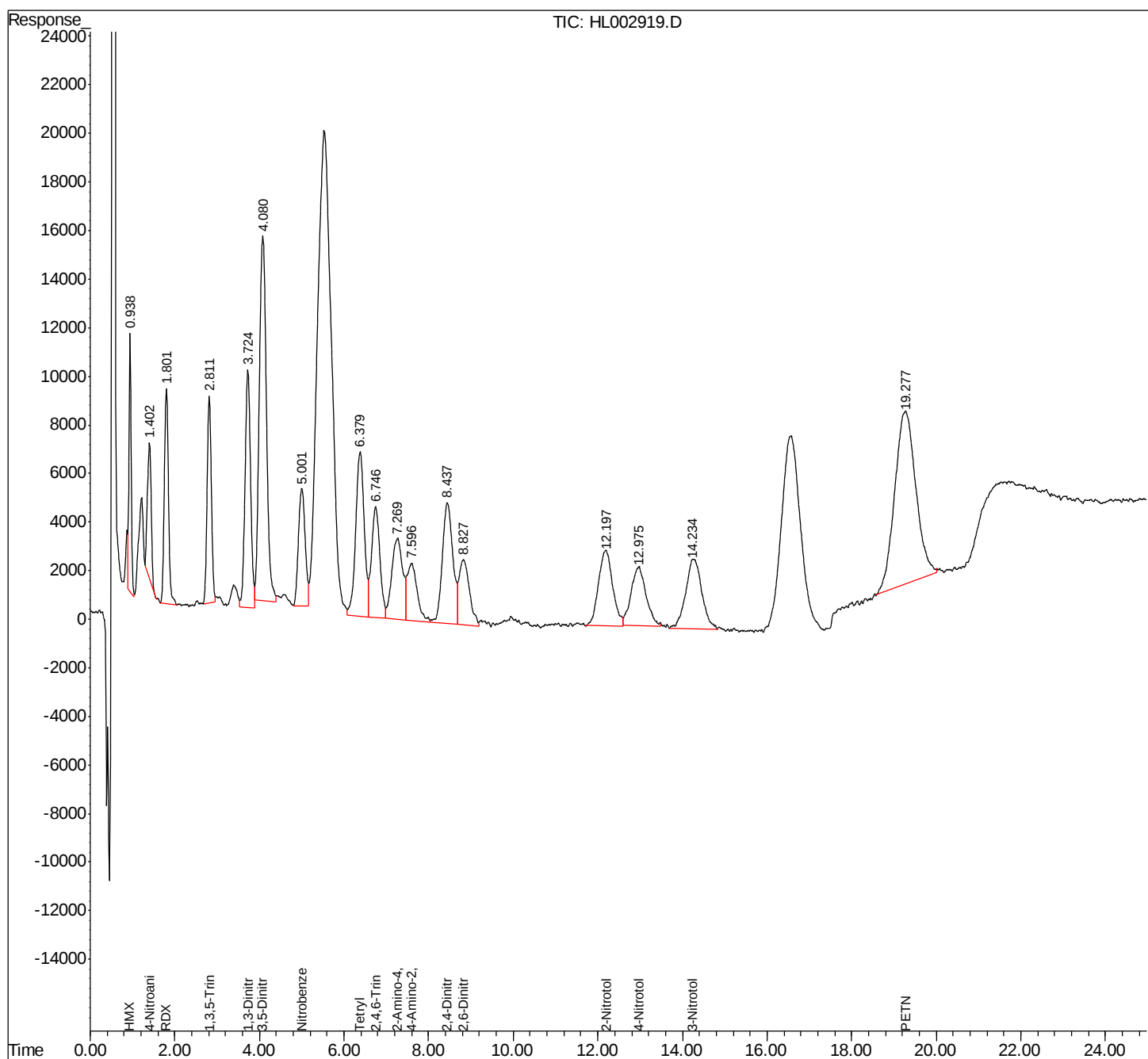
Instrument :  
HPLC\_L  
ClientSampleId :  
8330-2

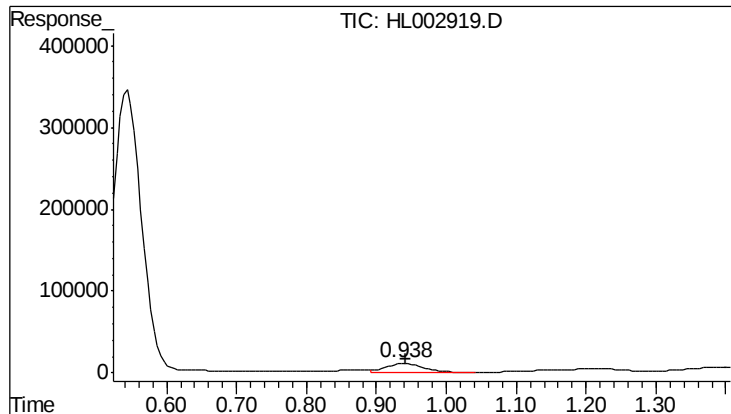
Manual Integrations  
APPROVED

AHPatel  
5/5/2012 3:46:13 AM

Integration File: events.e  
Quant Time: May 05 05:44:09 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 10:17:21 2012  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. :  
Signal Phase :  
Signal Info :





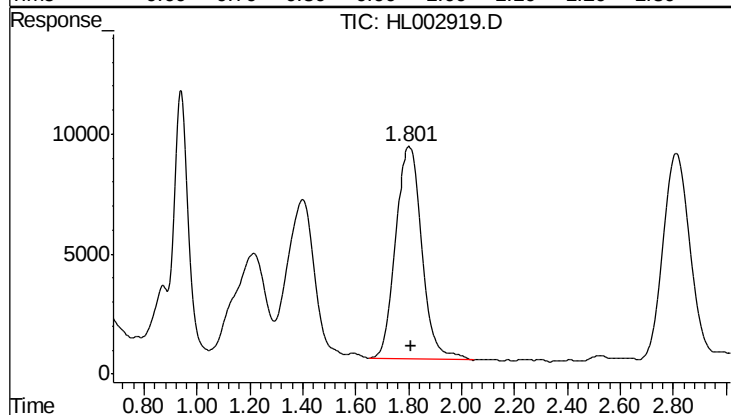
#2 HMX

R.T.: 0.938 min  
Delta R.T.: -0.004 min  
Response: 378699  
Conc: 91.15 ug/L m

Instrument :  
HPLC\_L  
ClientSampleId :  
8330-2

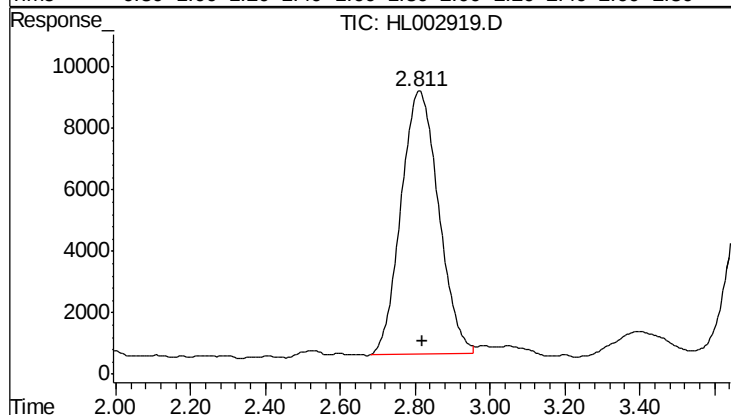
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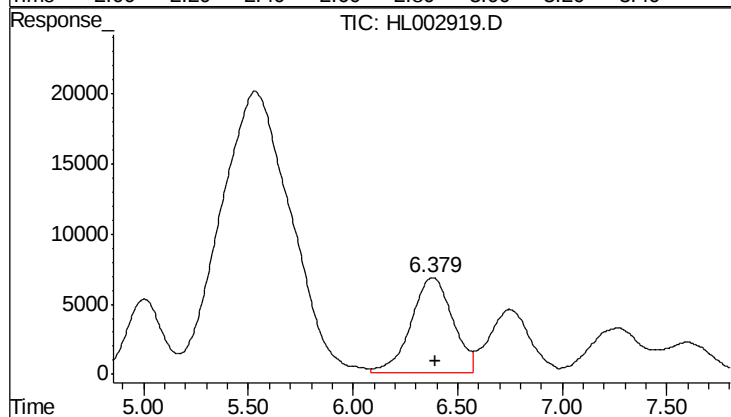
#3 RDX

R.T.: 1.803 min  
Delta R.T.: -0.008 min  
Response: 586452  
Conc: 100.46 ug/L



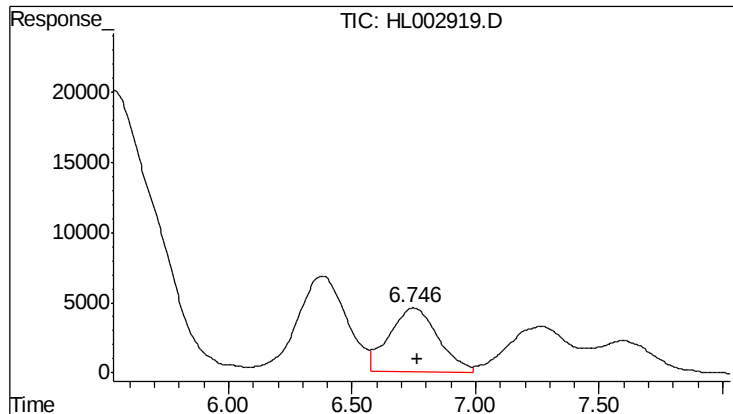
#4 1,3,5-Trinitrobenzene

R.T.: 2.811 min  
Delta R.T.: -0.010 min  
Response: 596545  
Conc: 47.84 ug/L m



#5 Tetryl

R.T.: 6.381 min  
Delta R.T.: -0.010 min  
Response: 939525  
Conc: 105.00 ug/L



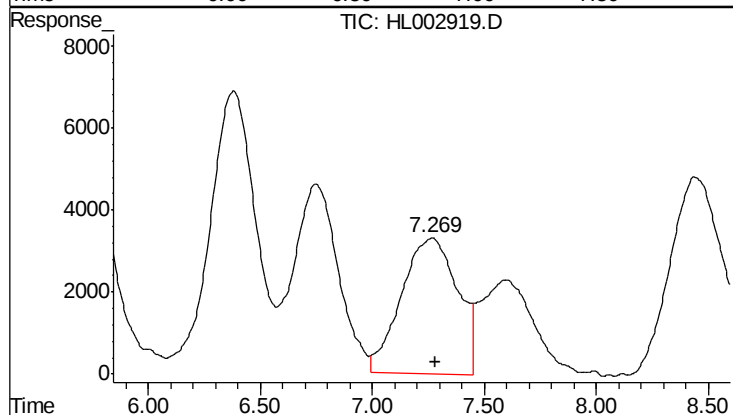
#6 2,4,6-Trinitrotoluene

R.T.: 6.749 min  
Delta R.T.: -0.014 min  
Response: 633458  
Conc: 52.94 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
8330-2

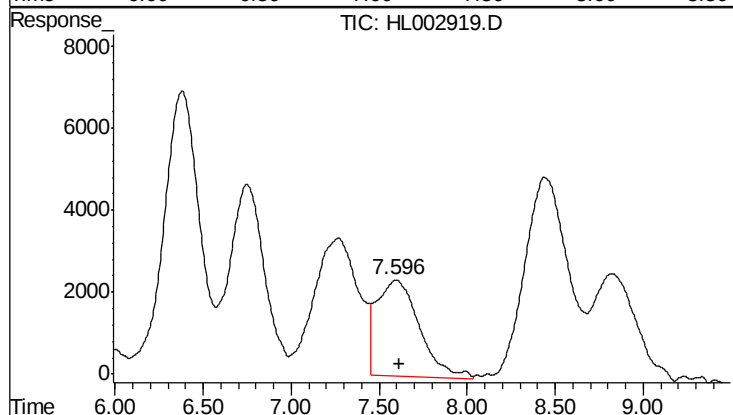
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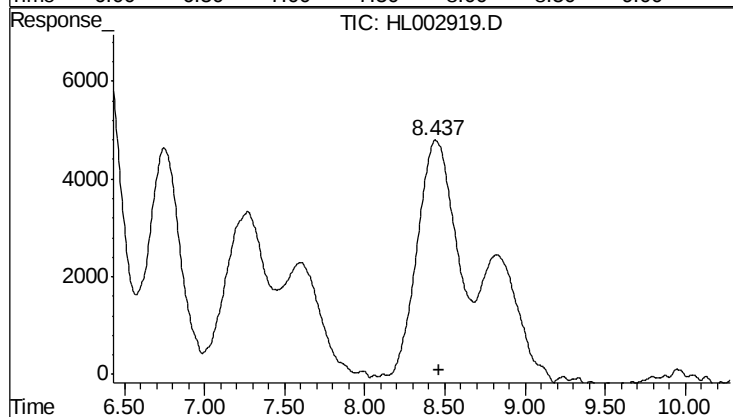
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.267 min  
Delta R.T.: -0.012 min  
Response: 582850  
Conc: 50.37 ug/L



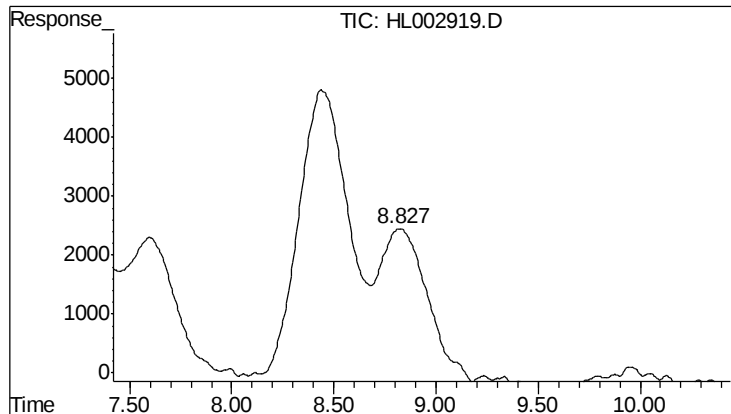
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.598 min  
Delta R.T.: -0.016 min  
Response: 400714  
Conc: 52.53 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.444 min  
Delta R.T.: -0.024 min  
Response: 857881  
Conc: 52.25 ug/L



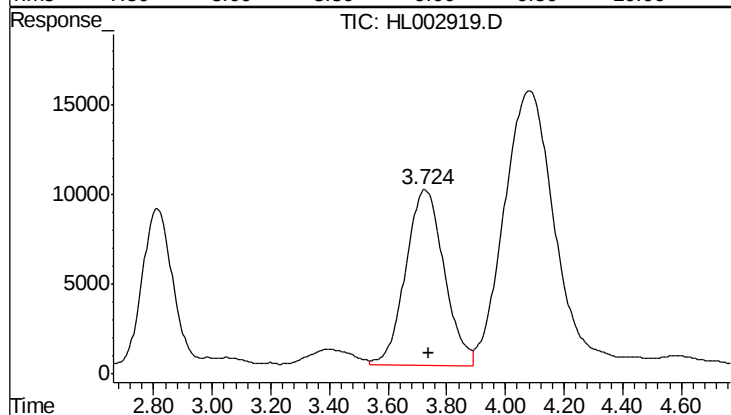
# #10 2,6-Dinitrotoluene

R.T.: 8.824 min  
Delta R.T.: -0.029 min  
Response: 461884  
Conc: 51.82 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
8330-2

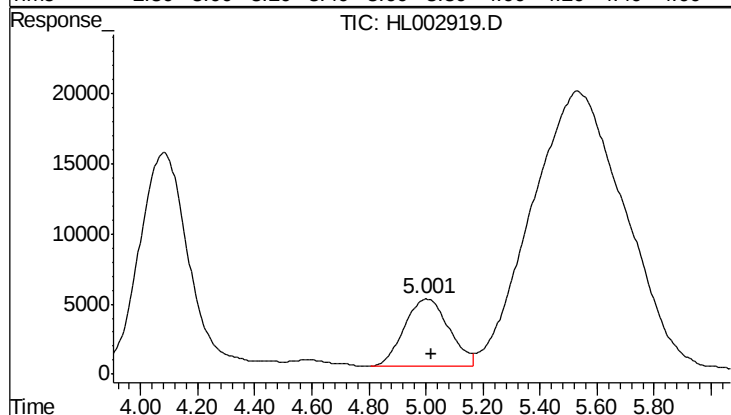
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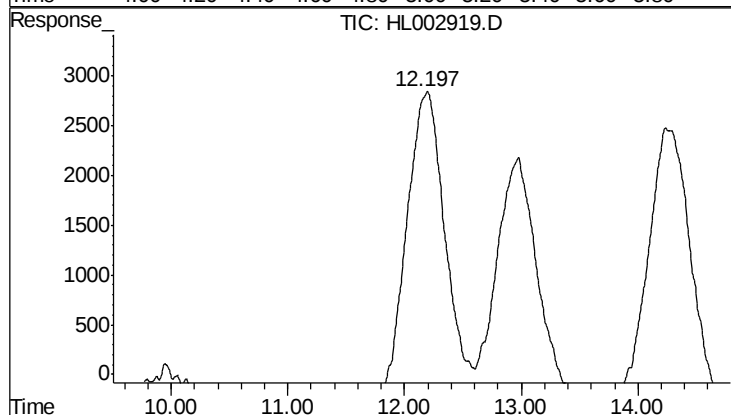
# #11 1,3-Dinitrobenzene

R.T.: 3.726 min  
Delta R.T.: -0.012 min  
Response: 894241  
Conc: 50.94 ug/L



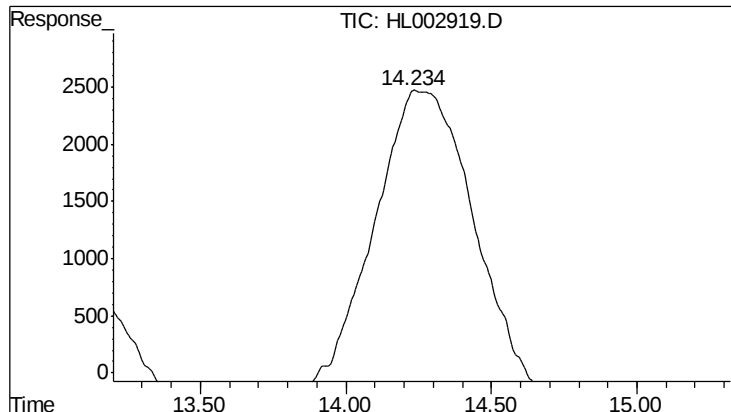
# #12 Nitrobenzene

R.T.: 5.001 min  
Delta R.T.: -0.018 min  
Response: 528691  
Conc: 48.55 ug/L m



# #13 2-Nitrotoluene

R.T.: 12.197 min  
Delta R.T.: -0.015 min  
Response: 717186  
Conc: 104.23 ug/L m



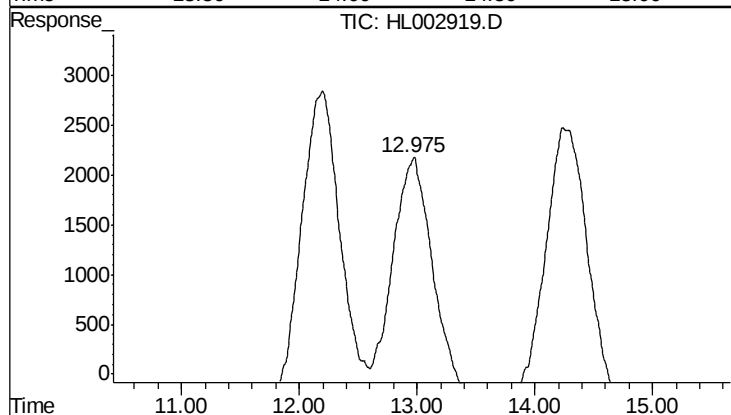
#14 3-Nitrotoluene

R.T.: 14.248 min  
Delta R.T.: -0.057 min  
Response: 764046  
Conc: 101.56 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
8330-2

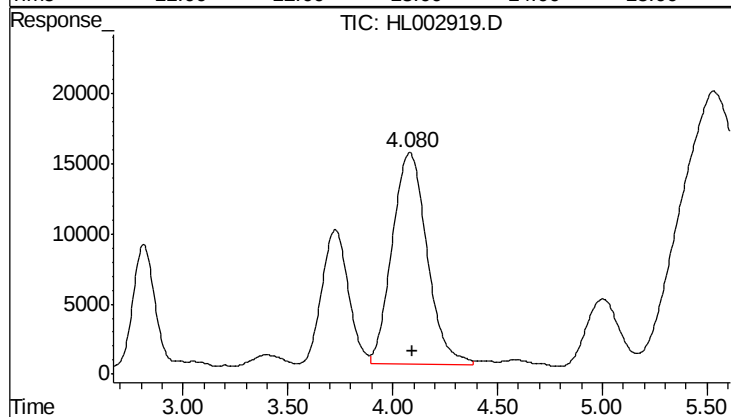
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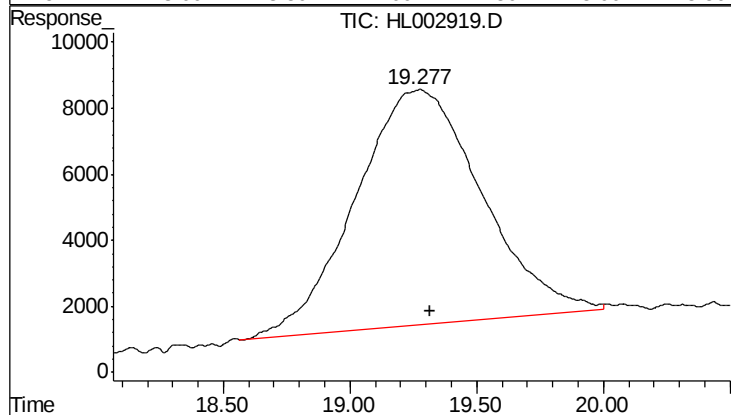
#15 4-Nitrotoluene

R.T.: 12.975 min  
Delta R.T.: -0.015 min  
Response: 596323  
Conc: 104.57 ug/L m



#16 3,5-Dinitroaniline

R.T.: 4.080 min  
Delta R.T.: -0.015 min  
Response: 1737431  
Conc: 97.96 ug/L m



#18 PETN

R.T.: 19.277 min  
Delta R.T.: -0.039 min  
Response: 2465427  
Conc: 273.59 ug/L m

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 Operator : HLM  
 Sample : 8330-2  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 8330-2

Manual Integrations  
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Integration File: events.e  
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 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 10:17:21 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           | 1.402          | 339747     | 85.476 ug/L    |
| Spiked Amount 300.000         | Range 37 - 149 | Recovery = | 28.49%#        |
| Target Compounds              |                |            |                |
| 2) T HMX                      | 0.938          | 378699     | 91.147 ug/L m  |
| 3) T RDX                      | 1.803          | 586452     | 100.461 ug/L   |
| 4) T 1,3,5-Trinitrobenzene    | 2.811          | 596545     | 47.838 ug/L m  |
| 5) T Tetryl                   | 6.381          | 939525     | 105.002 ug/L   |
| 6) T 2,4,6-Trinitrotoluene    | 6.749          | 633458     | 52.943 ug/L    |
| 7) T 2-Amino-4,6-dinitroto... | 7.267          | 582850     | 50.373 ug/L    |
| 8) T 4-Amino-2,6-dinitroto... | 7.598          | 400714     | 52.527 ug/L    |
| 9) T 2,4-Dinitrotoluene       | 8.444          | 857881     | 52.249 ug/L    |
| 10) T 2,6-Dinitrotoluene      | 8.824          | 461884     | 51.824 ug/L    |
| 11) T 1,3-Dinitrobenzene      | 3.726          | 894241     | 50.937 ug/L    |
| 12) T Nitrobenzene            | 5.001          | 528691     | 48.551 ug/L m  |
| 13) T 2-Nitrotoluene          | 12.197         | 717186     | 104.231 ug/L m |
| 14) T 3-Nitrotoluene          | 14.248         | 764046     | 101.558 ug/L   |
| 15) T 4-Nitrotoluene          | 12.975         | 596323     | 104.570 ug/L m |
| 16) T 3,5-Dinitroaniline      | 4.080          | 1737431    | 97.960 ug/L m  |
| 18) T PETN                    | 19.277         | 2465427    | 273.586 ug/L m |
| -----                         |                |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.