

Data Path : S:\HPCHEM1\HPLC\_L\Data\HL010313\  
 Data File : HL003991.D  
 Signal(s) : VWD1A.CH  
 Acq On : 03-Jan-2013, 18:28  
 Operator : HLM  
 Sample : 8330-2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 LabSampleId :  
 8330-2

Manual Integrations  
 APPROVED

AHPatel  
 1/8/2013 3:00:31 AM

Integration File: events.e  
 Quant Time: Jan 04 22:24:23 2013  
 Quant Method : H:\VOL1\HPLC\HPLC\_L\METHODS\HL010313.M  
 Quant Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 QLast Update : Fri Jan 04 13:12:34 2013  
 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           | 1.369          | 353395     | 90.905 ug/L    |
| Spiked Amount 300.000         | Range 37 - 149 | Recovery = | 30.30%#        |
| Target Compounds              |                |            |                |
| 2) T HMX                      | 0.918          | 421815     | 62.825 ug/L    |
| 3) T RDX                      | 1.769          | 548953     | 101.217 ug/L   |
| 4) T 1,3,5-Trinitrobenzene    | 2.759          | 598705     | 50.531 ug/L    |
| 5) T Tetryl                   | 6.312          | 851676     | 95.504 ug/L    |
| 6) T 2,4,6-Trinitrotoluene    | 6.676          | 575242     | 49.091 ug/L    |
| 7) T 2-Amino-4,6-dinitroto... | 7.149          | 528419     | 46.850 ug/L    |
| 8) T 4-Amino-2,6-dinitroto... | 7.525          | 377850     | 51.616 ug/L    |
| 9) T 2,4-Dinitrotoluene       | 8.339          | 769725     | 49.397 ug/L    |
| 10) T 2,6-Dinitrotoluene      | 8.728          | 415465     | 47.990 ug/L    |
| 11) T 1,3-Dinitrobenzene      | 3.662          | 850553     | 50.237 ug/L    |
| 12) T Nitrobenzene            | 4.920          | 557639     | 51.928 ug/L    |
| 13) T 2-Nitrotoluene          | 12.039         | 691381     | 104.392 ug/L   |
| 14) T 3-Nitrotoluene          | 14.108         | 707966     | 99.546 ug/L    |
| 15) T 4-Nitrotoluene          | 12.824         | 568120     | 103.539 ug/L   |
| 16) T 3,5-Dinitroaniline      | 4.014          | 1642159    | 103.091 ug/L   |
| 18) T PETN                    | 19.308         | 2254130    | 245.672 ug/L m |
| -----                         |                |            |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

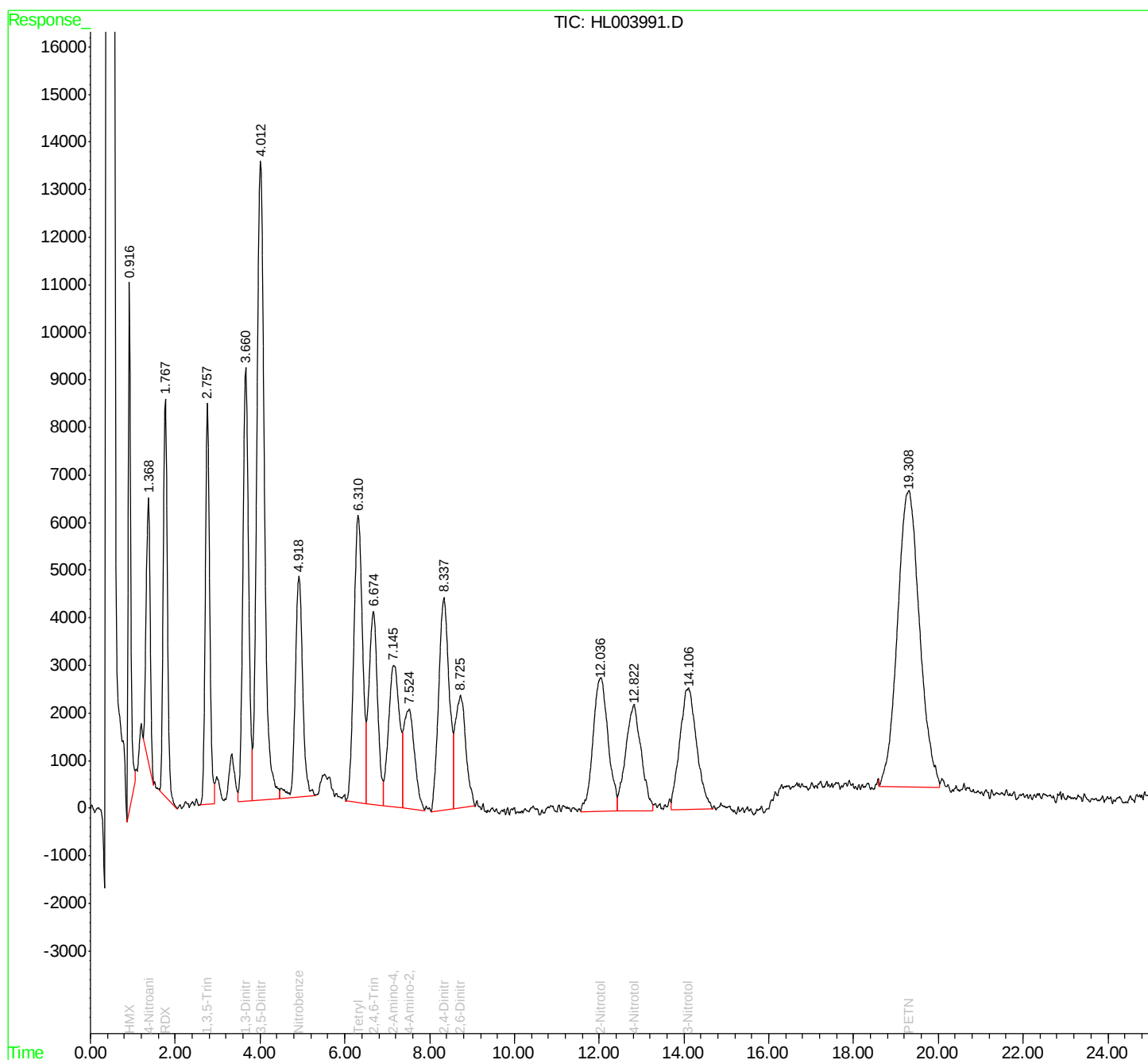
Instrument :  
HPLC\_L  
LabSampleId :  
8330-2

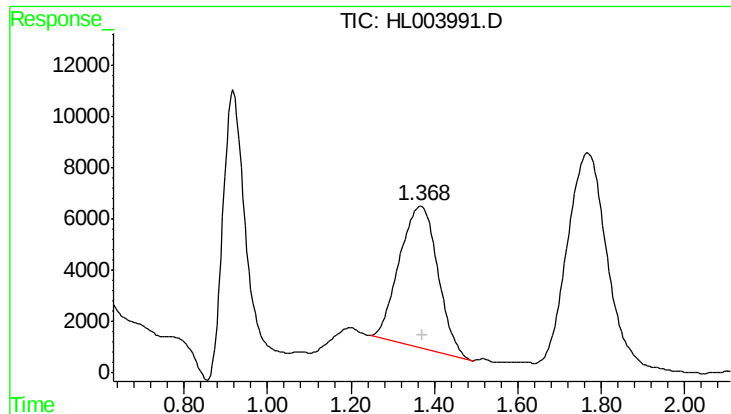
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Volume Inj. :  
Signal Phase :  
Signal Info :





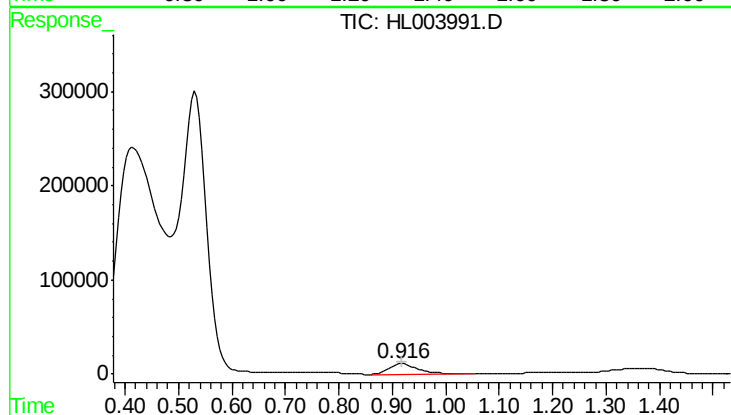
#1 4-Nitroaniline

R.T.: 1.369 min  
Delta R.T.: -0.003 min  
Response: 353395  
Conc: 90.90 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
8330-2

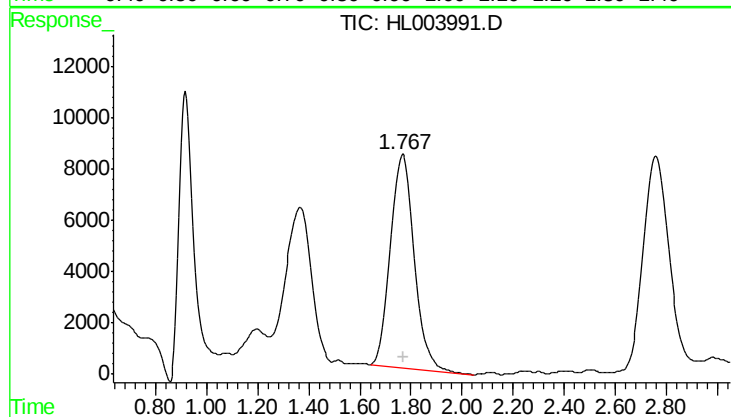
Manual Integrations  
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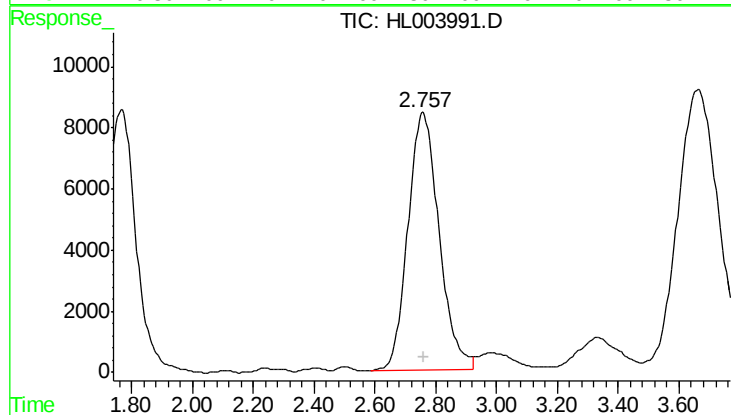
#2 HMX

R.T.: 0.918 min  
Delta R.T.: 0.000 min  
Response: 421815  
Conc: 62.83 ug/L



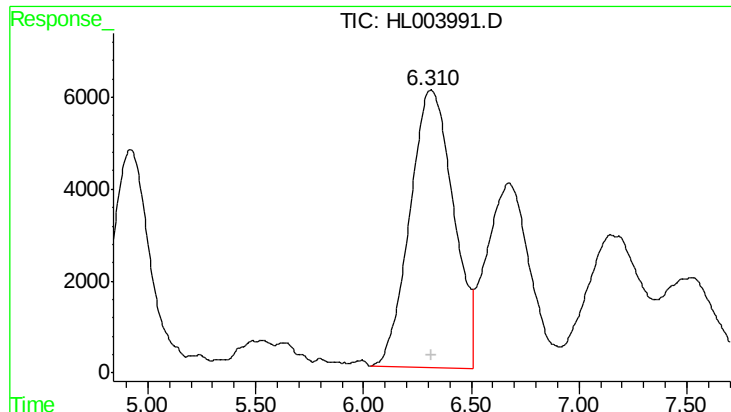
#3 RDX

R.T.: 1.769 min  
Delta R.T.: -0.002 min  
Response: 548953  
Conc: 101.22 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.759 min  
Delta R.T.: -0.002 min  
Response: 598705  
Conc: 50.53 ug/L



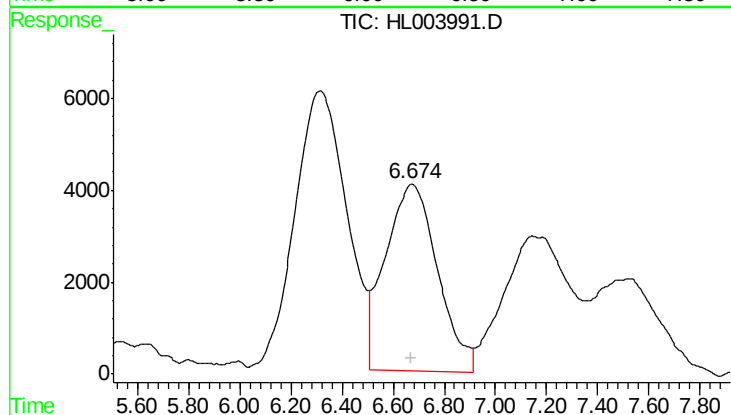
#5 Tetryl

R.T.: 6.312 min  
Delta R.T.: -0.004 min  
Response: 851676  
Conc: 95.50 ug/L

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8330-2

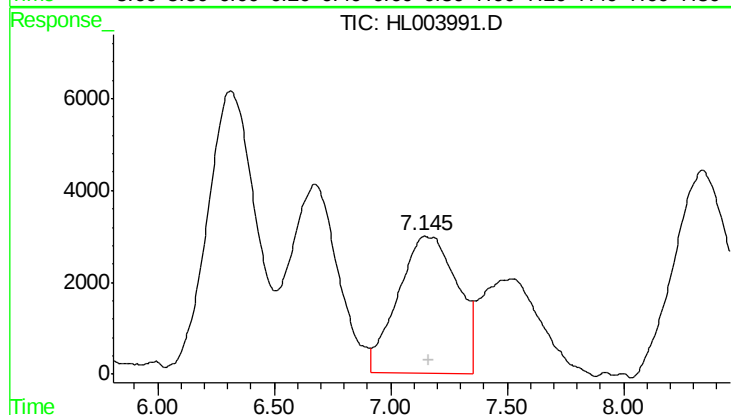
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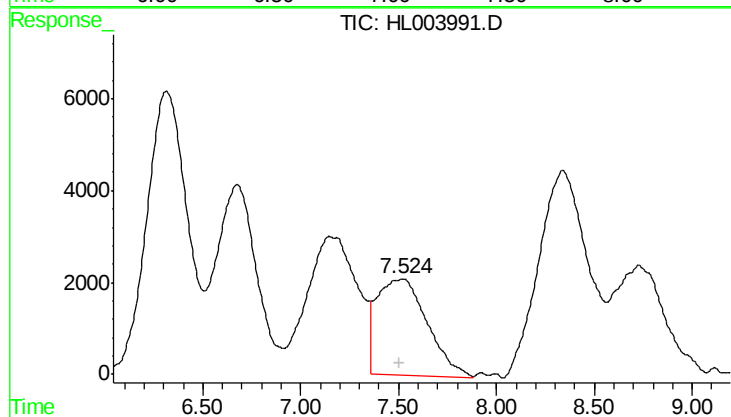
#6 2,4,6-Trinitrotoluene

R.T.: 6.676 min  
Delta R.T.: 0.004 min  
Response: 575242  
Conc: 49.09 ug/L



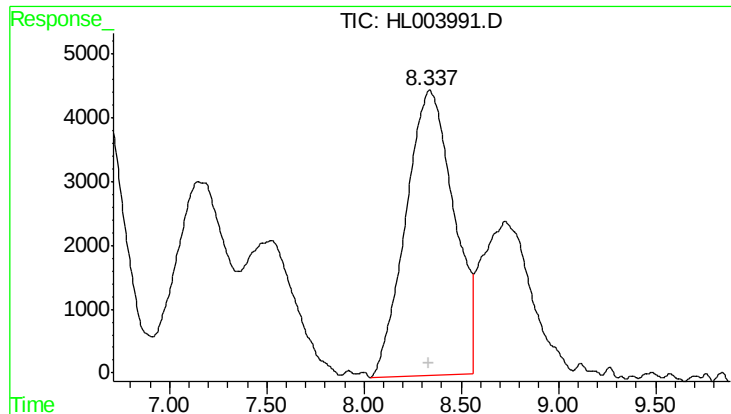
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.149 min  
Delta R.T.: -0.018 min  
Response: 528419  
Conc: 46.85 ug/L



#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.525 min  
Delta R.T.: 0.020 min  
Response: 377850  
Conc: 51.62 ug/L



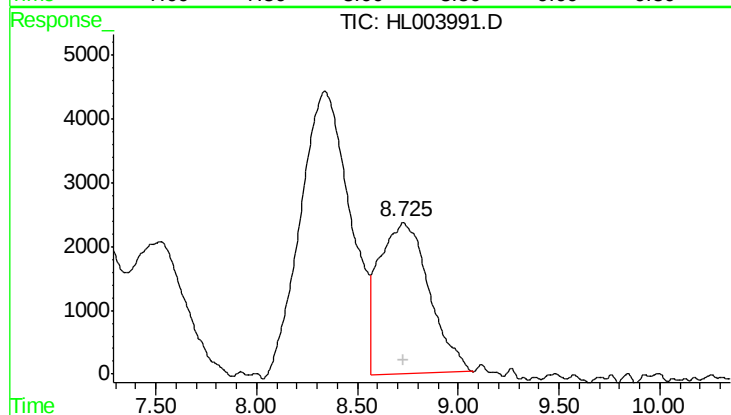
#9 2,4-Dinitrotoluene

R.T.: 8.339 min  
Delta R.T.: 0.001 min  
Response: 769725  
Conc: 49.40 ug/L

Instrument :  
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8330-2

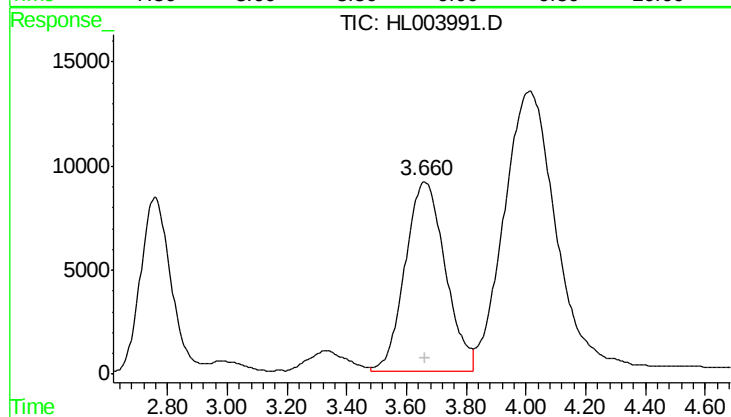
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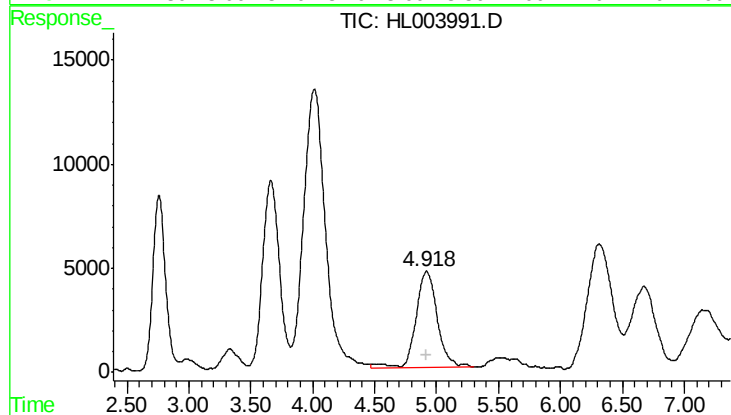
#10 2,6-Dinitrotoluene

R.T.: 8.728 min  
Delta R.T.: 0.003 min  
Response: 415465  
Conc: 47.99 ug/L



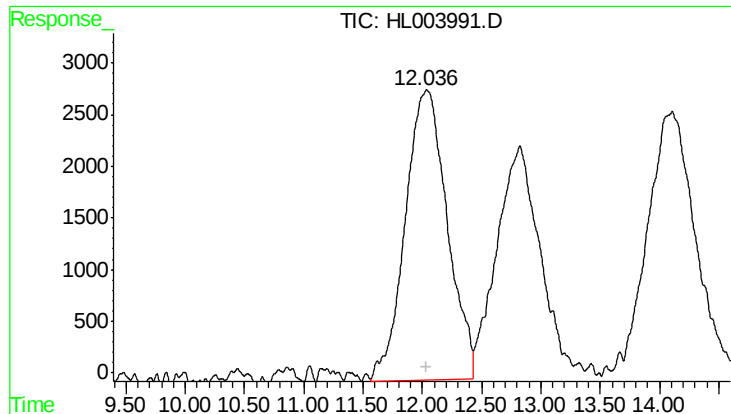
#11 1,3-Dinitrobenzene

R.T.: 3.662 min  
Delta R.T.: -0.003 min  
Response: 850553  
Conc: 50.24 ug/L



#12 Nitrobenzene

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 557639  
Conc: 51.93 ug/L



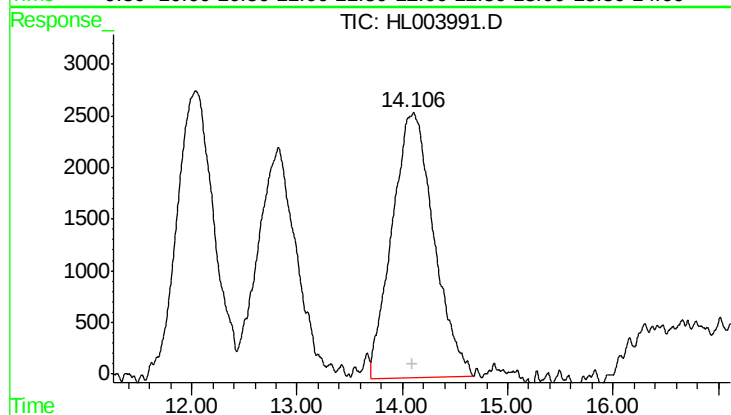
# #13 2-Nitrotoluene

R.T.: 12.039 min  
Delta R.T.: 0.008 min  
Response: 691381  
Conc: 104.39 ug/L

Instrument :  
HPLC\_L  
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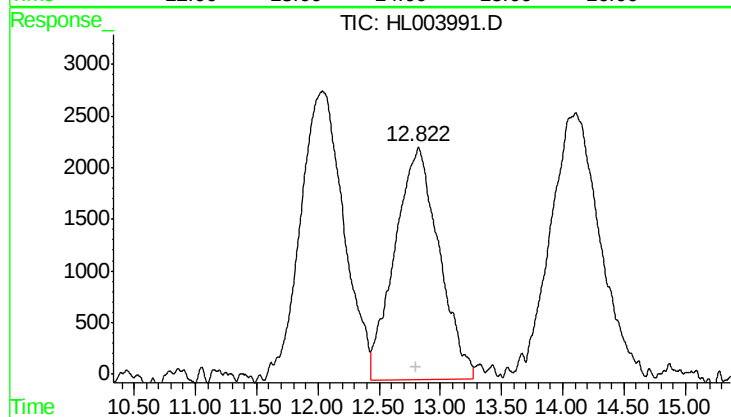
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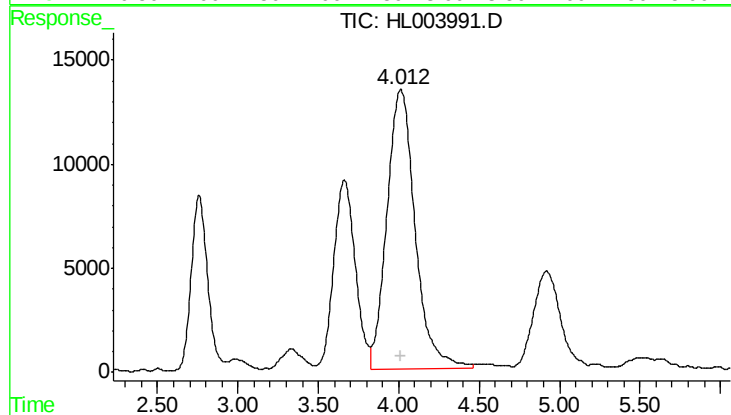
# #14 3-Nitrotoluene

R.T.: 14.108 min  
Delta R.T.: 0.013 min  
Response: 707966  
Conc: 99.55 ug/L



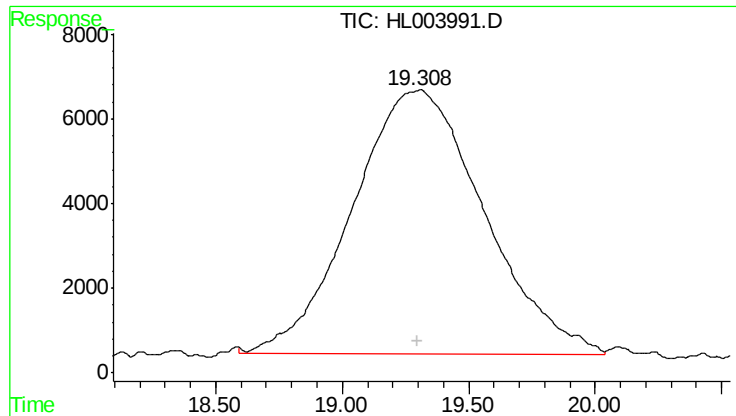
# #15 4-Nitrotoluene

R.T.: 12.824 min  
Delta R.T.: 0.019 min  
Response: 568120  
Conc: 103.54 ug/L



# #16 3,5-Dinitroaniline

R.T.: 4.014 min  
Delta R.T.: -0.002 min  
Response: 1642159  
Conc: 103.09 ug/L



#18 PETN

R.T.: 19.308 min  
Delta R.T.: 0.011 min  
Response: 2254130  
Conc: 245.67 ug/L m

Instrument :  
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