

Data Path : Z:\HPCHEM1\HPLC\_B\Data\HB010913\  
 Data File : HB001018.D  
 Signal(s) : DAD1A.CH  
 Acq On : 09-Jan-2013, 16:16  
 Operator : QM  
 Sample : PB67770BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 HPLC\_B  
 ClientSampleId :  
 PB67770BS

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Feb 08 00:03:06 2013  
 Quant Method : Z:\HPCHEM1\HPLC\_B\METHOD\HB010913.M  
 Quant Title :  
 QLast Update : Wed Jan 09 14:12:24 2013  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 50 ul  
 Signal Phase : ZORBAX Extend-C18  
 Signal Info : 4.6 X 100mm 3.5-Micron 80A

| Compound                       | R.T.    | Response | Conc Units     |
|--------------------------------|---------|----------|----------------|
| -----                          |         |          |                |
| System Monitoring Compounds    |         |          |                |
| 1) S 4-Nitroaniline            | 1.402   | 136404   | 197.498 ug/L   |
| Target Compounds               |         |          |                |
| 2) T HMX                       | 0.914   | 116612   | 143.634 ug/L   |
| 3) T RDX                       | 1.803   | 86449    | 137.574 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.852   | 184166   | 127.126 ug/L m |
| 5) T 1,3-Dinitrobenzene        | 3.775   | 175525   | 127.288 ug/L m |
| 6) T Nitrobenzene              | 5.042   | 134250   | 125.489 ug/L m |
| 7) T Tetryl                    | 6.708   | 125130   | 122.351 ug/L m |
| 8) T 2,4,6-Trinitrotoluene     | 7.019   | 151848   | 130.472 ug/L m |
| 9) T 2-Amino-4,6-dinitroto...  | 7.526   | 162414   | 112.355 ug/L m |
| 10) T 4-Amino-2,6-dinitroto... | 7.917   | 140519   | 128.387 ug/L m |
| 11) T 2,4-Dinitrotoluene       | 8.711   | 171469   | 125.382 ug/L m |
| 12) T 2,6-Dinitrotoluene       | 9.143   | 108313   | 116.851 ug/L m |
| 13) T 2-Nitrotoluene           | 12.403f | 94852    | 120.226 ug/L m |
| 14) T 4-Nitrotoluene           | 13.235f | 144919   | 120.972 ug/L m |
| 15) T 3-Nitrotoluene           | 14.525f | 135582   | 130.819 ug/L m |
| -----                          |         |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 09-Jan-2013, 16:16  
Operator : QM  
Sample : PB67770BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

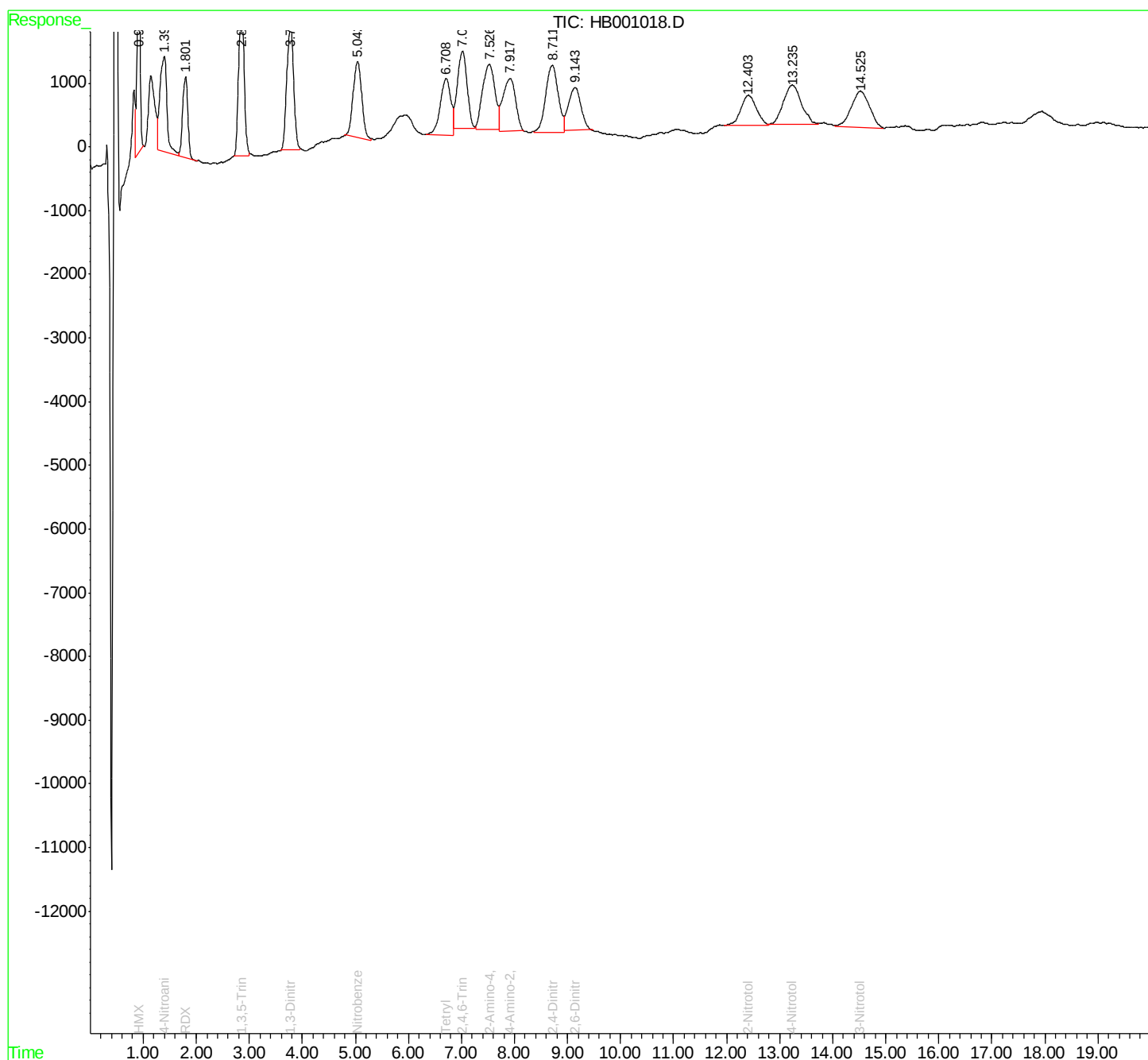
Instrument :  
HPLC\_B  
ClientSampleId :  
PB67770BS

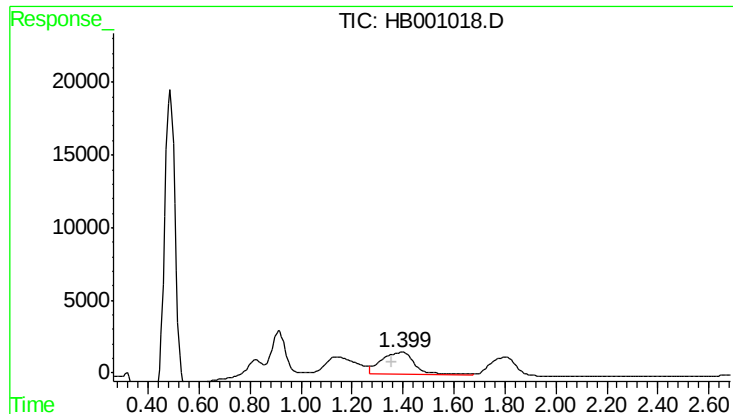
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Integration File: autoint1.e  
Quant Time: Feb 08 00:03:06 2013  
Quant Method : Z:\HPCHEM1\HPLC\_B\METHOD\HB010913.M  
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QLast Update : Wed Jan 09 14:12:24 2013  
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Volume Inj. : 50 ul  
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Signal Info : 4.6 X 100mm 3.5-Micron 80A





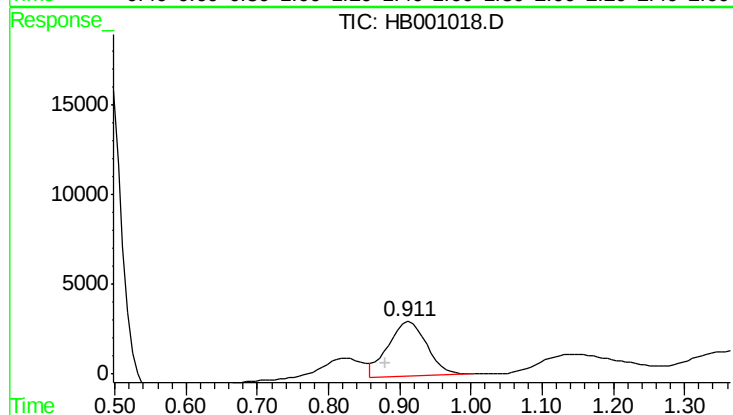
#1 4-Nitroaniline

R.T.: 1.402 min  
Delta R.T.: 0.045 min  
Response: 136404  
Conc: 197.50 ug/L

Instrument :  
HLPC\_B  
ClientSampleId :  
PB67770BS

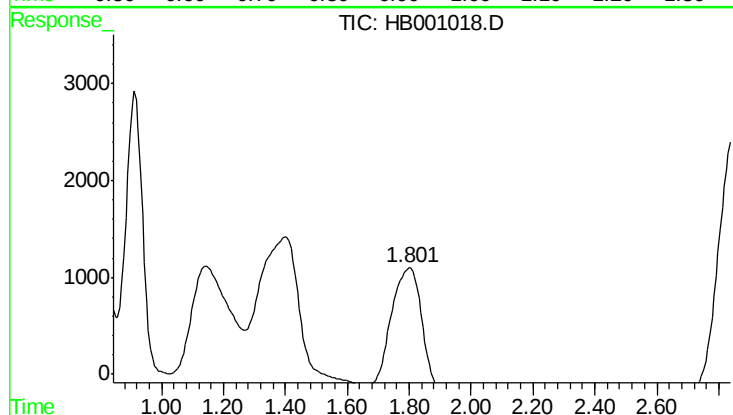
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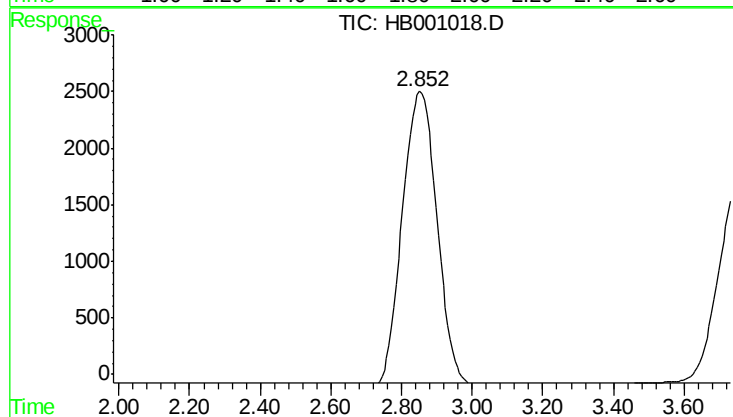
#2 HMX

R.T.: 0.914 min  
Delta R.T.: 0.034 min  
Response: 116612  
Conc: 143.63 ug/L



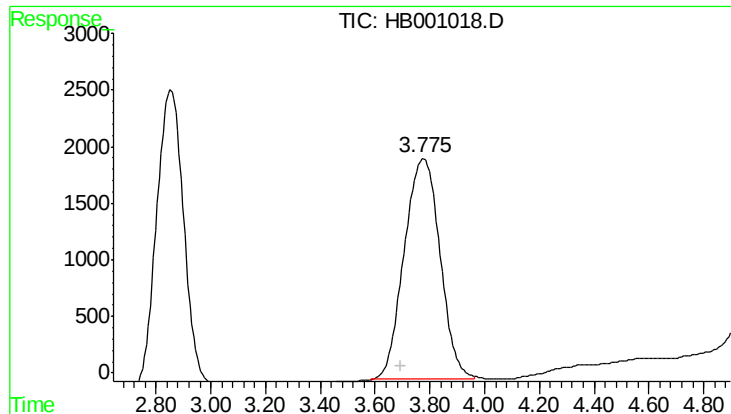
#3 RDX

R.T.: 1.803 min  
Delta R.T.: 0.059 min  
Response: 86449  
Conc: 137.57 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.852 min  
Delta R.T.: 0.070 min  
Response: 184166  
Conc: 127.13 ug/L m



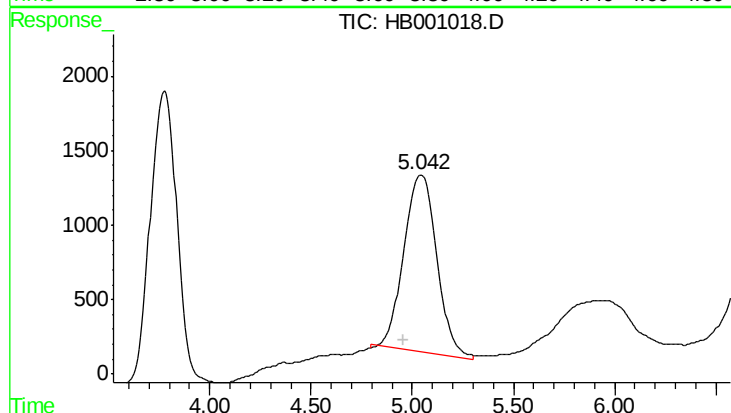
# #5 1,3-Dinitrobenzene

R.T.: 3.775 min  
 Delta R.T.: 0.083 min  
 Response: 175525  
 Conc: 127.29 ug/L m

Instrument :  
 HLPC\_B  
 ClientSampleId :  
 PB67770BS

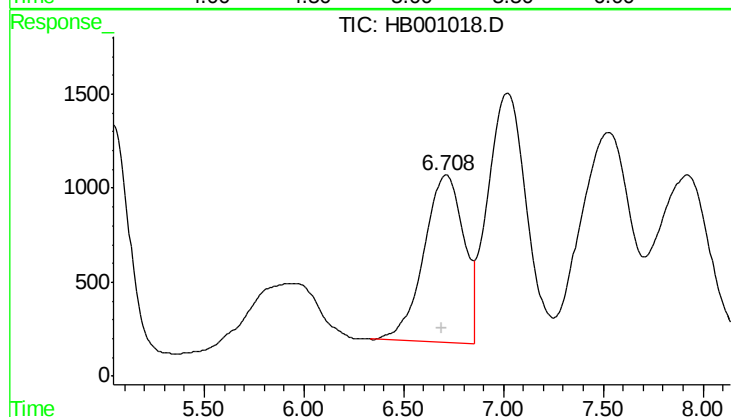
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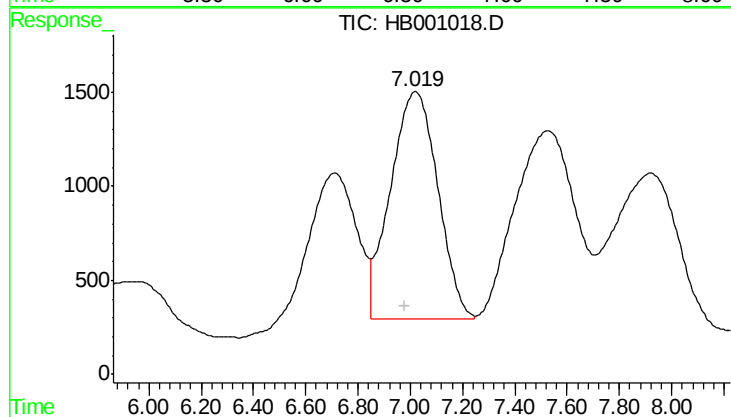
# #6 Nitrobenzene

R.T.: 5.042 min  
 Delta R.T.: 0.087 min  
 Response: 134250  
 Conc: 125.49 ug/L m



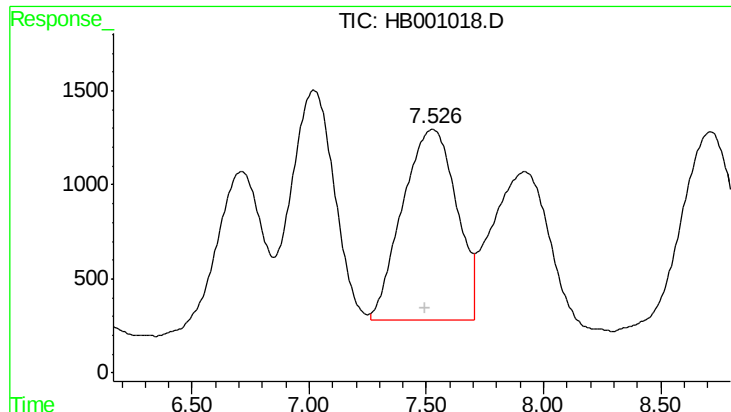
# #7 Tetryl

R.T.: 6.708 min  
 Delta R.T.: 0.015 min  
 Response: 125130  
 Conc: 122.35 ug/L m



# #8 2,4,6-Trinitrotoluene

R.T.: 7.019 min  
 Delta R.T.: 0.038 min  
 Response: 151848  
 Conc: 130.47 ug/L m



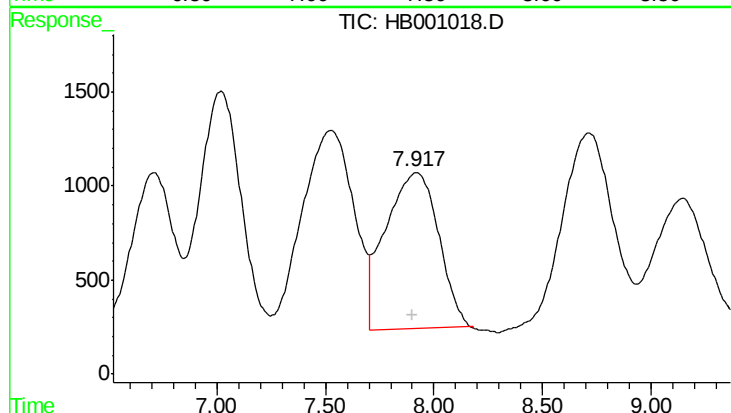
#9 2-Amino-4,6-dinitrotoluene

R.T.: 7.526 min  
Delta R.T.: 0.032 min  
Response: 162414  
Conc: 112.36 ug/L m

Instrument :  
HLPC\_B  
ClientSampleId :  
PB67770BS

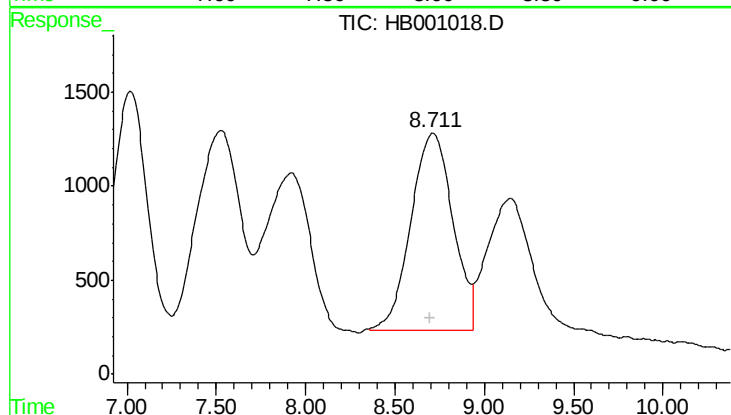
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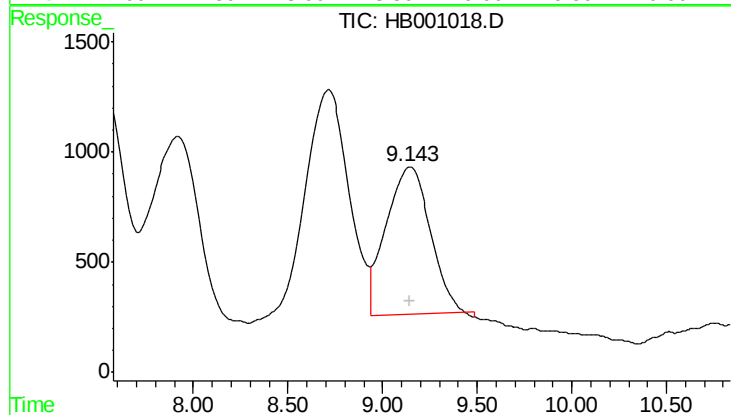
#10 4-Amino-2,6-dinitrotoluene

R.T.: 7.917 min  
Delta R.T.: 0.014 min  
Response: 140519  
Conc: 128.39 ug/L m



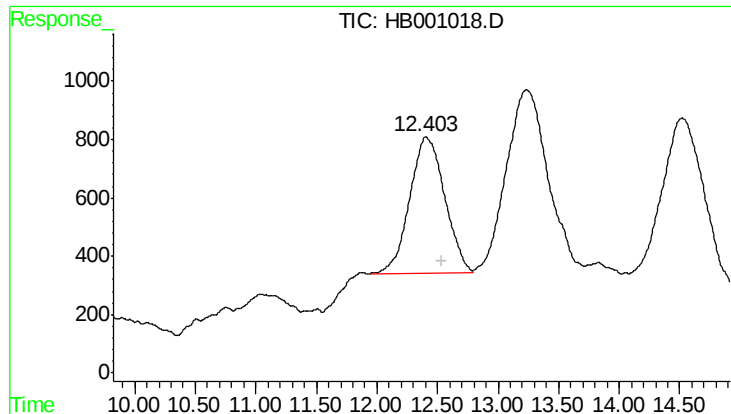
#11 2,4-Dinitrotoluene

R.T.: 8.711 min  
Delta R.T.: 0.014 min  
Response: 171469  
Conc: 125.38 ug/L m



#12 2,6-Dinitrotoluene

R.T.: 9.143 min  
Delta R.T.: 0.000 min  
Response: 108313  
Conc: 116.85 ug/L m



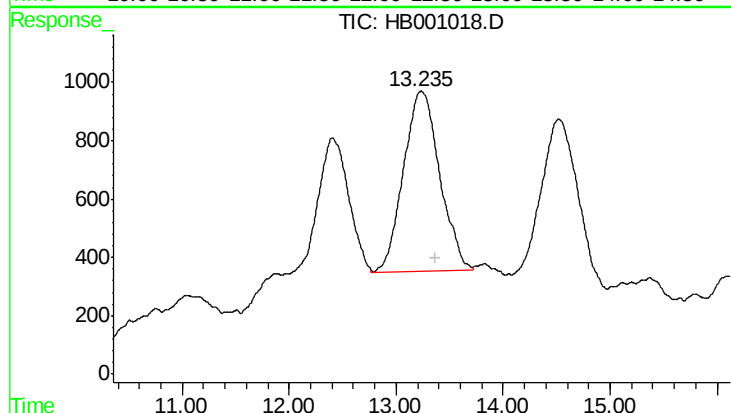
#13 2-Nitrotoluene

R.T.: 12.403 min  
Delta R.T.: -0.135 min  
Response: 94852  
Conc: 120.23 ug/L m

Instrument :  
HLPC\_B  
ClientSampleId :  
PB67770BS

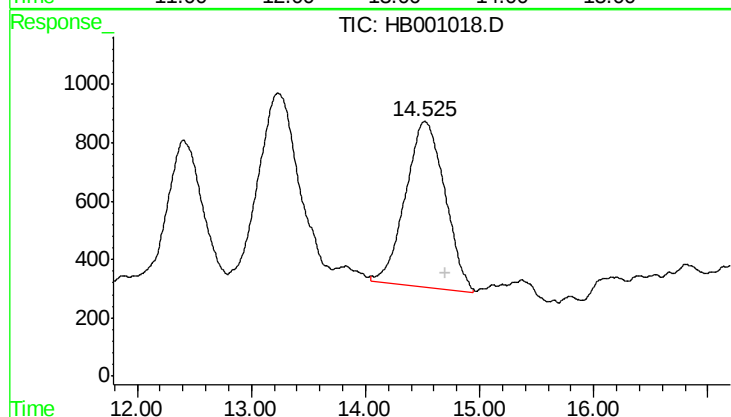
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#14 4-Nitrotoluene

R.T.: 13.235 min  
Delta R.T.: -0.137 min  
Response: 144919  
Conc: 120.97 ug/L m



#15 3-Nitrotoluene

R.T.: 14.525 min  
Delta R.T.: -0.183 min  
Response: 135582  
Conc: 130.82 ug/L m