

Data Path : Z:\HPCHEM1\HPLC\_L\Data\HL032213\  
 Data File : HL005177.D  
 Signal(s) : VWD1A.CH  
 Acq On : 22-Mar-2013, 16:50  
 Operator : QM  
 Sample : HSTDCCC0500  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 HPLC\_L  
 LabSampleId :  
 HSTDCCC0500

Manual Integrations  
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Integration File: autoint1.e  
 Quant Time: Mar 26 03:56:26 2013  
 Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL032013.M  
 Quant Title :  
 QLast Update : Wed Mar 20 17:38:00 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            | 1.395  | 2180209  | 489.954 ug/L   |
| Target Compounds               |        |          |                |
| 2) T HMX                       | 0.938  | 2111440  | 450.975 ug/L m |
| 3) T RDX                       | 1.815  | 2822258  | 528.886 ug/L   |
| 4) T 1,3,5-Trinitrobenzene     | 2.815  | 5912903  | 503.316 ug/L   |
| 5) T 3,5-Dinitroaniline        | 3.733  | 8341369  | 495.137 ng/ml  |
| 6) T 1,3-Dinitrobenzene        | 4.093  | 6940838  | 490.480 ug/L   |
| 7) T Nitrobenzene              | 5.022  | 5806239  | 551.433 ug/L   |
| 8) T Tetryl                    | 6.558  | 4024857  | 521.327 ug/L   |
| 9) T 2,4,6-Trinitrotoluene     | 6.860  | 5968753  | 494.903 ug/L   |
| 10) T 2-Amino-4,6-dinitroto... | 7.372  | 5725610  | 467.731 ug/L   |
| 11) T 4-Amino-2,6-dinitroto... | 7.752  | 3503898  | 538.045 ug/L   |
| 12) T 2,4-Dinitrotoluene       | 8.560  | 8012921  | 492.308 ug/L   |
| 13) T 2,6-Dinitrotoluene       | 8.998  | 4231697  | 513.605 ug/L   |
| 14) T 2-Nitrotoluene           | 12.416 | 3615641  | 513.728 ug/L   |
| 15) T 4-Nitrotoluene           | 13.216 | 2994479  | 520.382 ug/L   |
| 16) T 3-Nitrotoluene           | 14.553 | 3822845  | 500.719 ug/L   |
| 17) T PETN                     | 20.375 | 5262887  | 565.810 ug/L m |
| -----                          |        |          |                |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : QM  
Sample : HSTDCCC0500  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

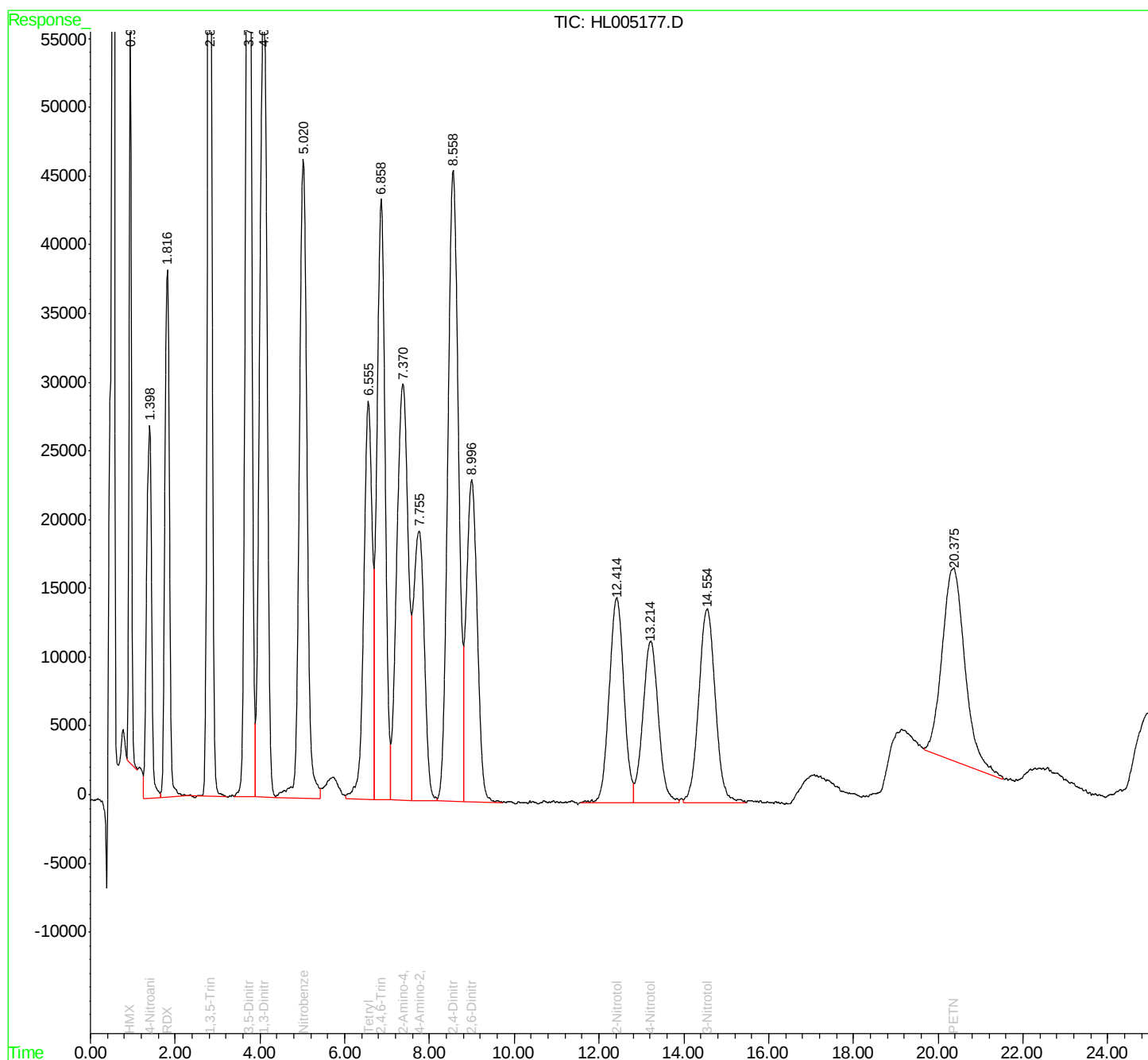
Instrument :  
HPLC\_L  
LabSampleId :  
HSTDCCC0500

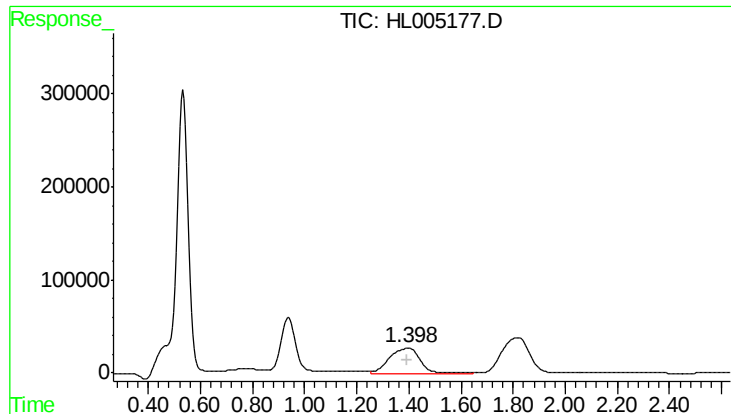
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Signal Info : 4.6 X 100mm 3.5-Micron 80A





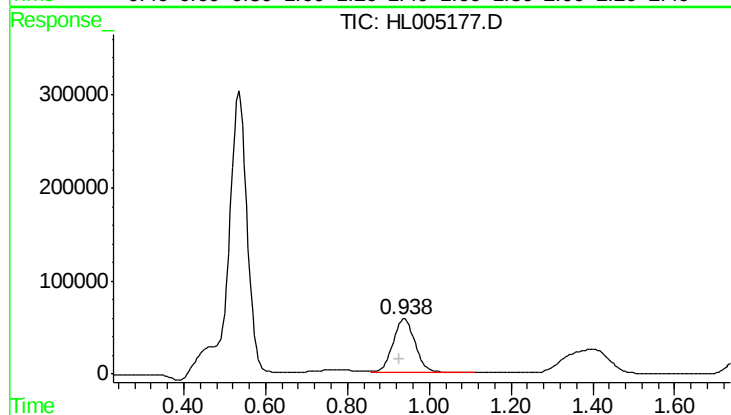
# #1 4-Nitroaniline

R.T.: 1.395 min  
 Delta R.T.: 0.002 min  
 Response: 2180209  
 Conc: 489.95 ug/L

Instrument :  
 HPLC\_L  
 LabSampleId :  
 HSTDCCC0500

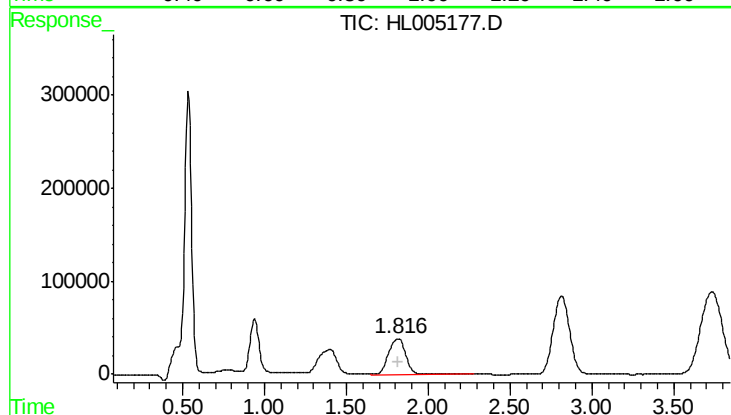
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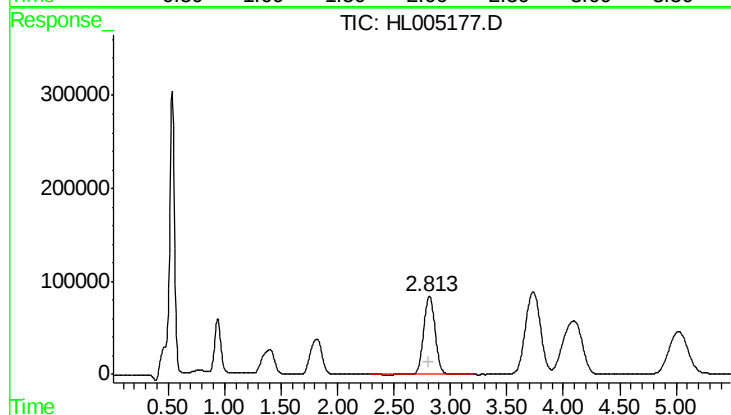
# #2 HMX

R.T.: 0.938 min  
 Delta R.T.: 0.009 min  
 Response: 2111440  
 Conc: 450.97 ug/L m



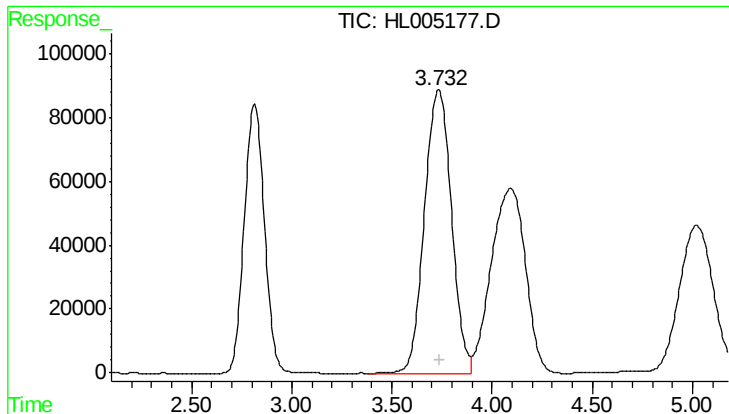
# #3 RDX

R.T.: 1.815 min  
 Delta R.T.: -0.001 min  
 Response: 2822258  
 Conc: 528.89 ug/L



# #4 1,3,5-Trinitrobenzene

R.T.: 2.815 min  
 Delta R.T.: 0.005 min  
 Response: 5912903  
 Conc: 503.32 ug/L



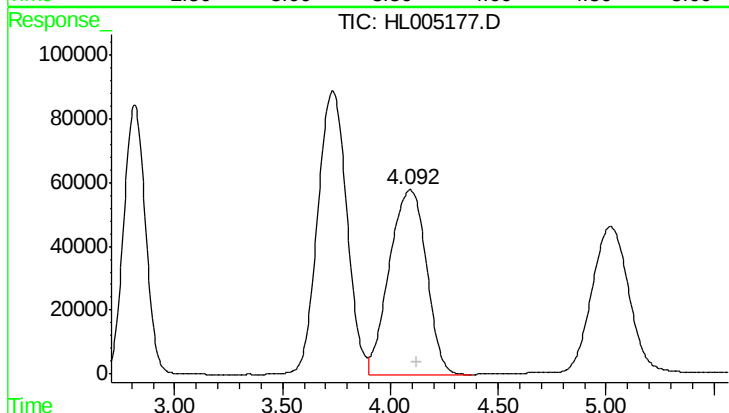
# #5 3,5-Dinitroaniline

R.T.: 3.733 min  
 Delta R.T.: -0.009 min  
 Response: 8341369  
 Conc: 495.14 ng/ml

Instrument :  
 HPLC\_L  
 LabSampleId :  
 HSTDCCC0500

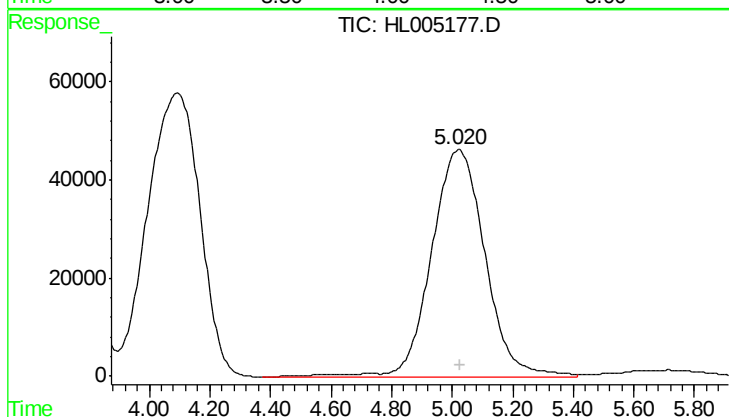
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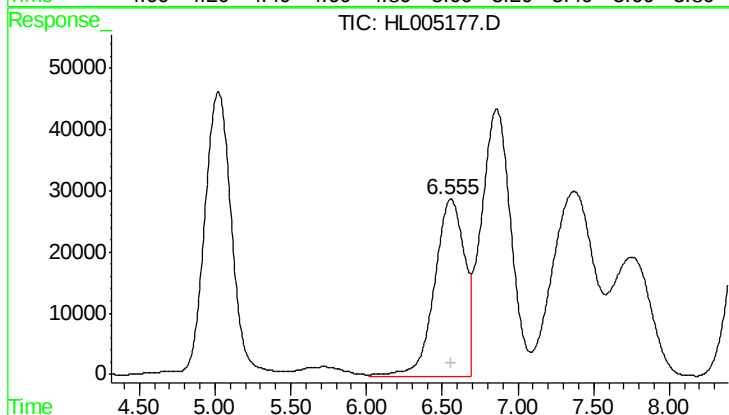
# #6 1,3-Dinitrobenzene

R.T.: 4.093 min  
 Delta R.T.: -0.030 min  
 Response: 6940838  
 Conc: 490.48 ug/L



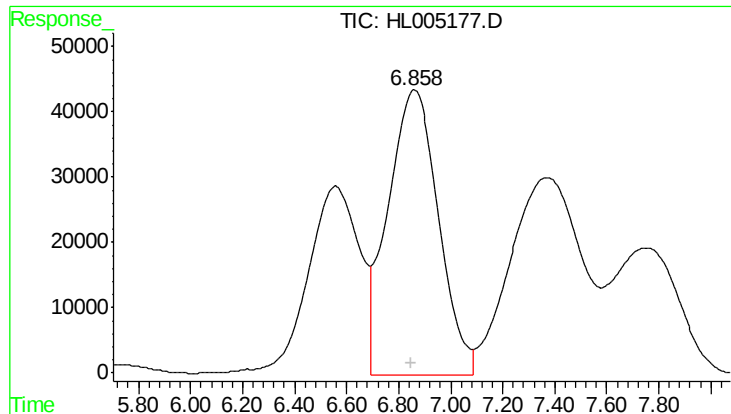
# #7 Nitrobenzene

R.T.: 5.022 min  
 Delta R.T.: -0.003 min  
 Response: 5806239  
 Conc: 551.43 ug/L



# #8 Tetryl

R.T.: 6.558 min  
 Delta R.T.: -0.002 min  
 Response: 4024857  
 Conc: 521.33 ug/L



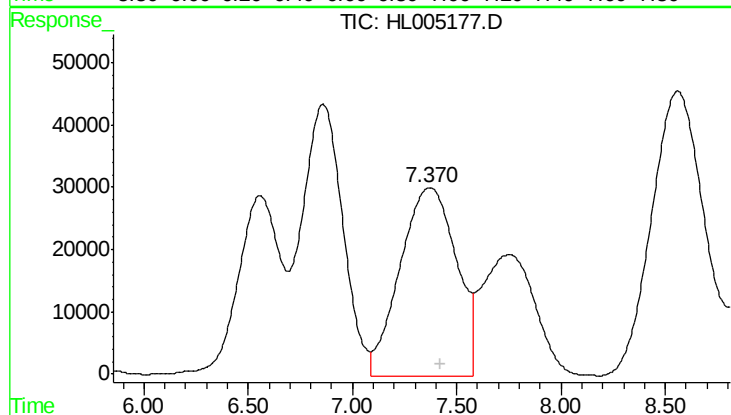
#9 2,4,6-Trinitrotoluene

R.T.: 6.860 min  
Delta R.T.: 0.014 min  
Response: 5968753  
Conc: 494.90 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDCCC0500

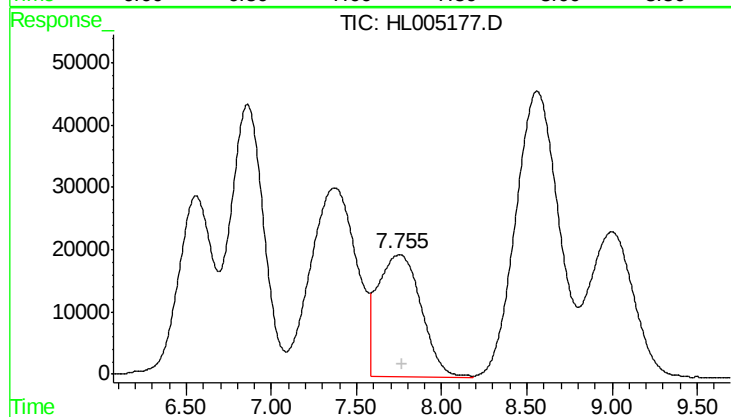
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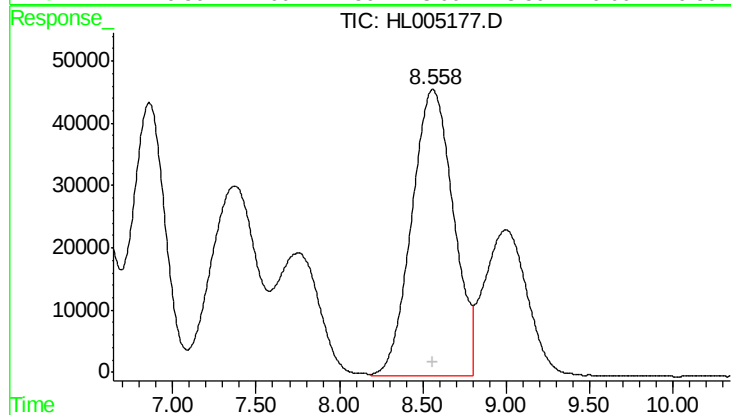
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.372 min  
Delta R.T.: -0.051 min  
Response: 5725610  
Conc: 467.73 ug/L



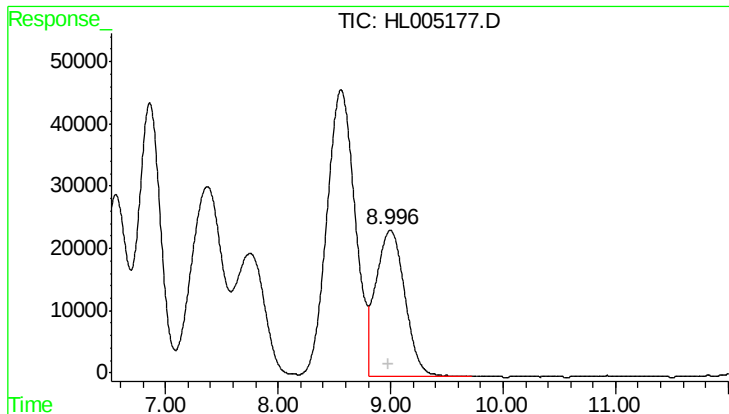
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.752 min  
Delta R.T.: -0.016 min  
Response: 3503898  
Conc: 538.04 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.560 min  
Delta R.T.: 0.000 min  
Response: 8012921  
Conc: 492.31 ug/L



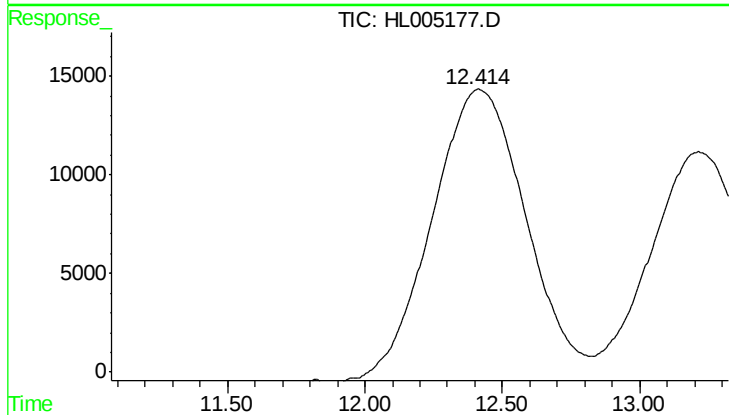
#13 2,6-Dinitrotoluene

R.T.: 8.998 min  
Delta R.T.: 0.015 min  
Response: 4231697  
Conc: 513.61 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDCCC0500

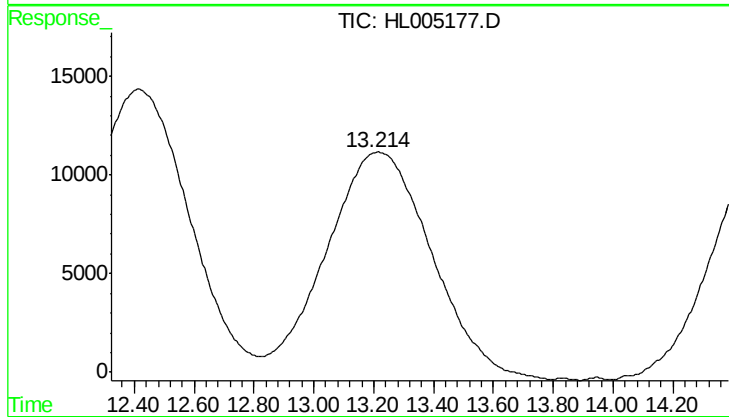
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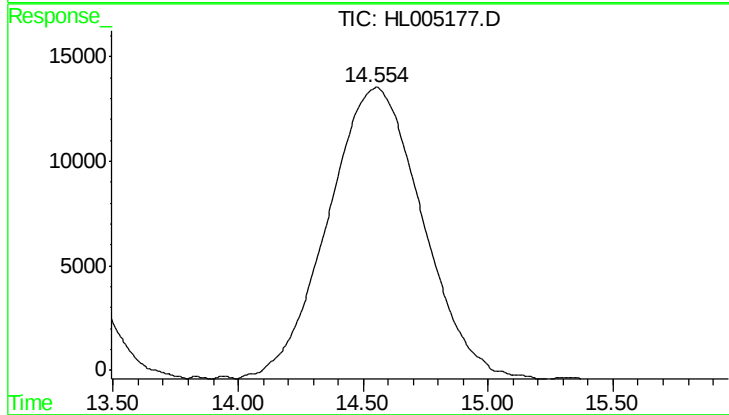
#14 2-Nitrotoluene

R.T.: 12.416 min  
Delta R.T.: 0.054 min  
Response: 3615641  
Conc: 513.73 ug/L



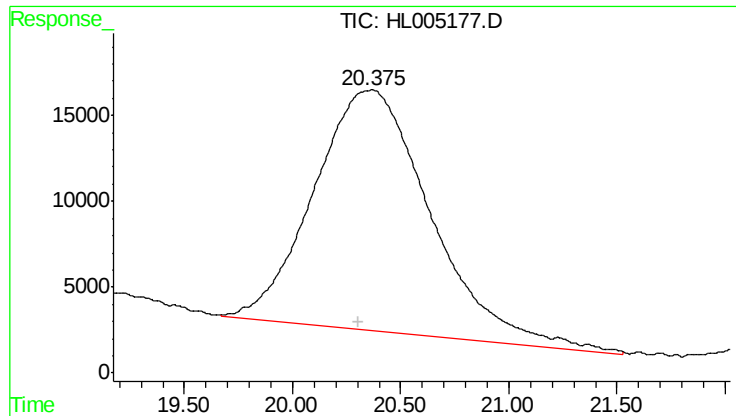
#15 4-Nitrotoluene

R.T.: 13.216 min  
Delta R.T.: 0.069 min  
Response: 2994479  
Conc: 520.38 ug/L



#16 3-Nitrotoluene

R.T.: 14.553 min  
Delta R.T.: 0.064 min  
Response: 3822845  
Conc: 500.72 ug/L



#17 PETN

R.T.: 20.375 min  
Delta R.T.: 0.072 min  
Response: 5262887  
Conc: 565.81 ug/L m

Instrument :  
HPLC\_L  
LabSampleId :  
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