

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL052213\HL005272.D Vial: 35  
 Acq On : 22-May-2013, 15:29 Operator: QM  
 Sample : HSTDICC1000 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: May 23 9:51 2013 Quant Results File: HL052213.RES

Instrument :  
 HPLC\_L  
 LabSampleId :  
 HSTDICC1000

Manual Integrations  
 APPROVED

mohammad  
 5/31/2013 5:15:16 PM

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL052213.M  
 Title :  
 Last Update : Thu May 23 09:46:47 2013  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

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              | 1.34  | 4445312  | 937.900 ug/L   |
| Target Compounds                 |       |          |                |
| 2) T HMX                         | 0.90  | 4720877  | 897.600 ug/L   |
| 3) T RDX                         | 1.74  | 5629034  | 980.407 ug/L   |
| 4) T 1,3,5-Trinitrobenzene       | 2.69  | 11092438 | 1024.978 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.56  | 15680792 | 1006.699 ng/ml |
| 6) T 3,5-Dinitroaniline          | 3.91  | 13310586 | 983.726 ug/L   |
| 7) T Nitrobenzene                | 4.77  | 10164318 | 1019.039 ug/L  |
| 8) T Tetryl                      | 6.25  | 7088428  | 1020.018 ug/L  |
| 9) T 2,4,6-Trinitrotoluene       | 6.50  | 11012060 | 996.120 ug/L   |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.01  | 10687215 | 952.500 ug/L   |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.37  | 6163643  | 1067.620 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.11  | 15306768 | 1011.379 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.53  | 8246974  | 1021.067 ug/L  |
| 14) T 2-Nitrotoluene             | 11.74 | 6912763  | 961.178 ug/L   |
| 15) T 4-Nitrotoluene             | 12.49 | 5597692  | 966.872 ug/L   |
| 16) T 3-Nitrotoluene             | 13.75 | 6984004  | 988.964 ug/L   |
| 17) T PETN                       | 19.29 | 8777937  | 745.875 ug/L m |

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 Analyst Signature:\_\_\_\_\_ Analyst Name:\_\_\_\_\_ Date:\_\_\_\_\_

-----REASONS FOR MANUAL INTEGRATIONS-----

\_\_\_Poor resolution of peaks exhibited on chromatogram.Compound #:\_\_\_\_\_

\_\_\_Peak Integrated by software incorrectly.Compound #:\_\_\_\_\_

\_\_\_OTHER:\_\_\_\_\_Compound #:\_\_\_\_\_

(f)=RT Delta > 1/2 Window (m)=manual int.

# Quantitation Report

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL052213\HL005272.D Vial: 35  
Acq On : 22-May-2013, 15:29 Operator: QM  
Sample : HSTDICC1000 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : autoint1.e  
Quant Time: May 23 9:51 2013 Quant Results File: HL052213.RES

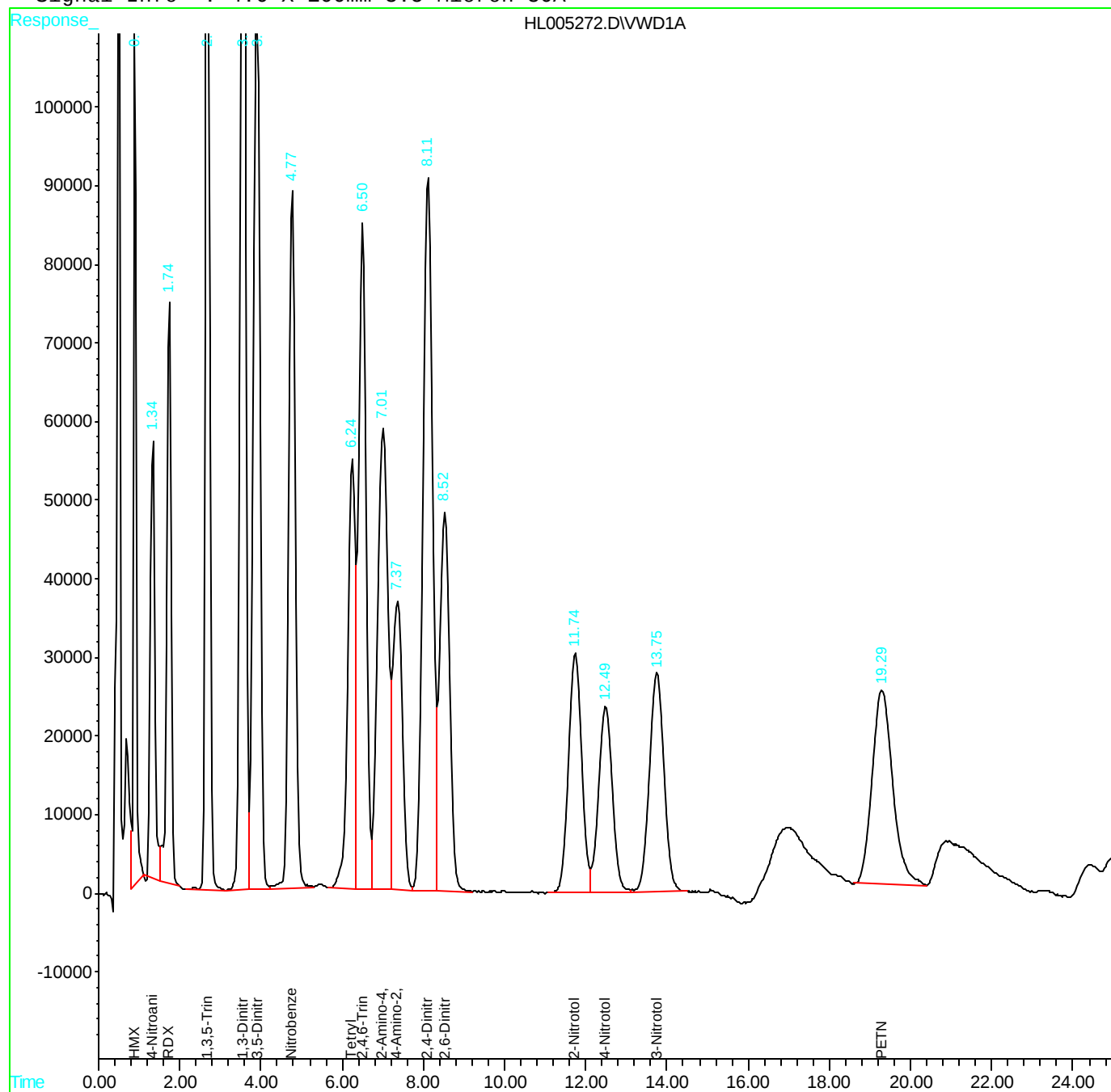
Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000

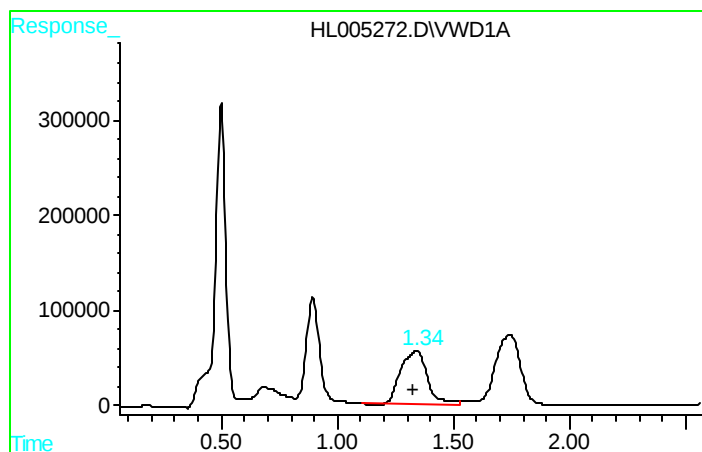
Manual Integrations  
APPROVED

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5/31/2013 5:15:16 PM

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL052213.M  
Title :  
Last Update : Thu May 23 09:46:47 2013  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

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





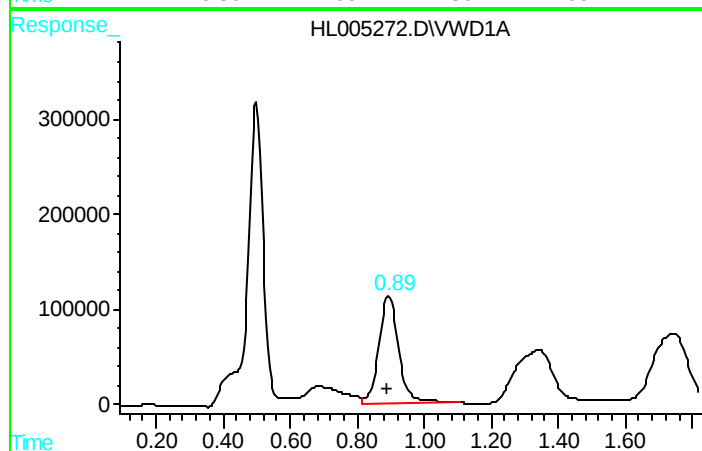
#1 4-Nitroaniline

R.T.: 1.338 min  
Delta R.T.: 0.009 min  
Response: 4445312  
Conc: 937.90 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDIC1000

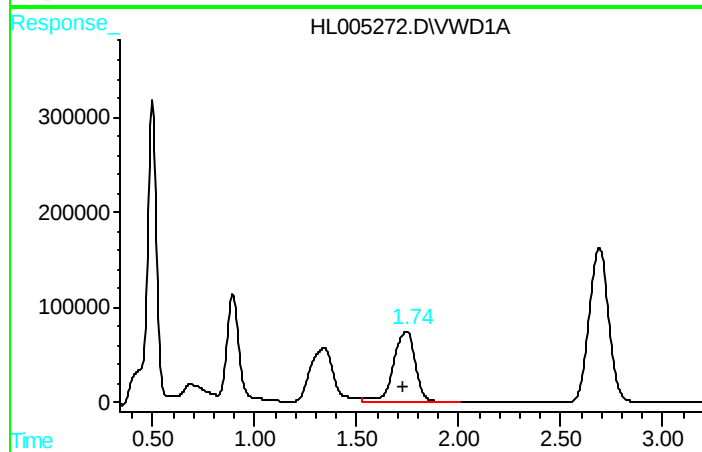
Manual Integrations  
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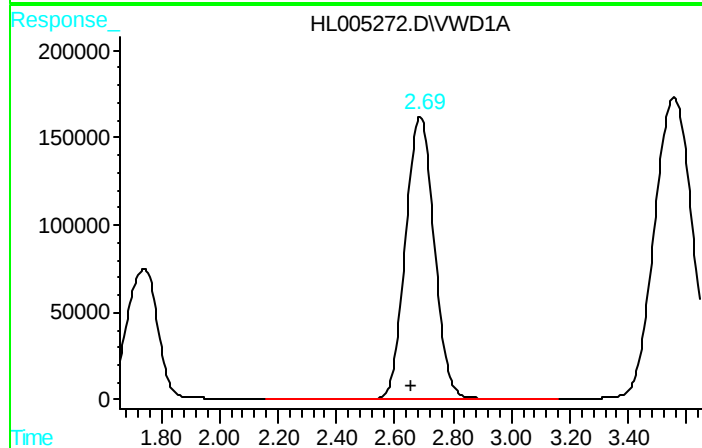
#2 HMX

R.T.: 0.896 min  
Delta R.T.: 0.006 min  
Response: 4720877  
Conc: 897.60 ug/L



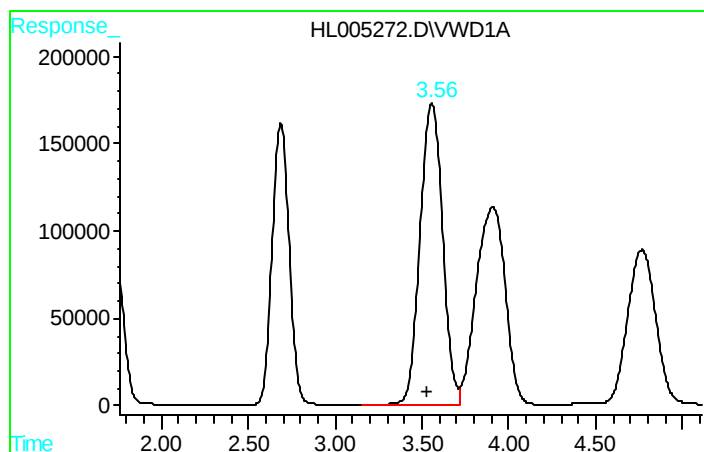
#3 RDX

R.T.: 1.741 min  
Delta R.T.: 0.014 min  
Response: 5629034  
Conc: 980.41 ug/L



#4 1,3,5-Trinitrobenzene

R.T.: 2.688 min  
Delta R.T.: 0.030 min  
Response: 11092438  
Conc: 1024.98 ug/L



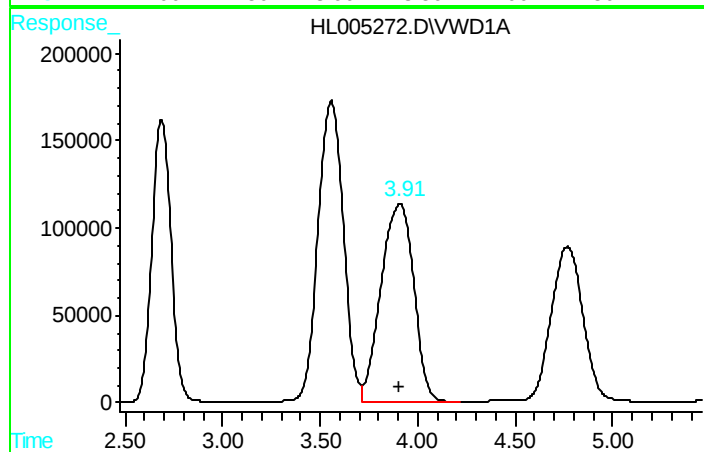
#5 1,3-Dinitrobenzene

R.T.: 3.557 min  
Delta R.T.: 0.027 min  
Response: 15680792  
Conc: 1006.70 ng/ml

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000

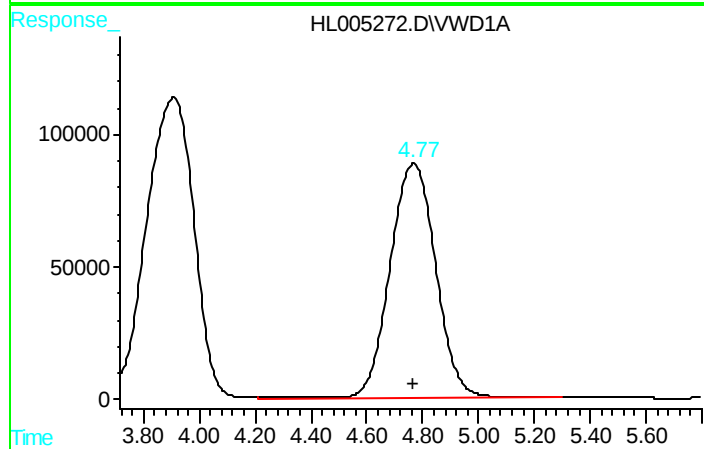
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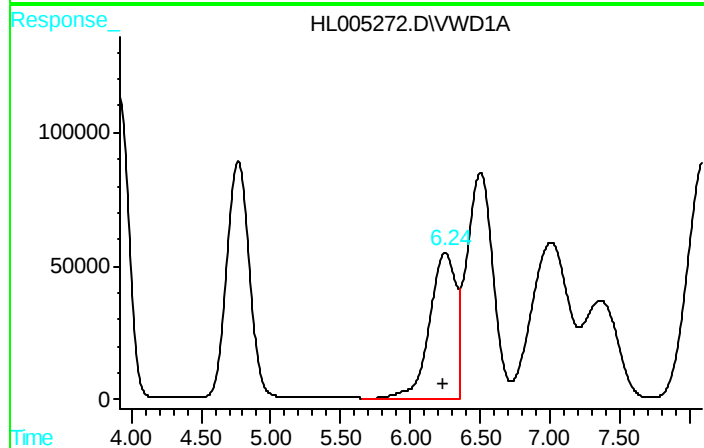
#6 3,5-Dinitroaniline

R.T.: 3.908 min  
Delta R.T.: 0.009 min  
Response: 13310586  
Conc: 983.73 ug/L



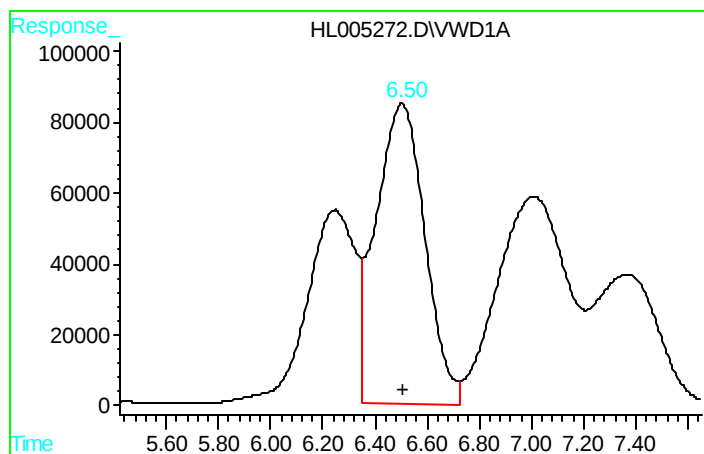
#7 Nitrobenzene

R.T.: 4.767 min  
Delta R.T.: 0.003 min  
Response: 10164318  
Conc: 1019.04 ug/L



#8 Tetryl

R.T.: 6.247 min  
Delta R.T.: 0.017 min  
Response: 7088428  
Conc: 1020.02 ug/L



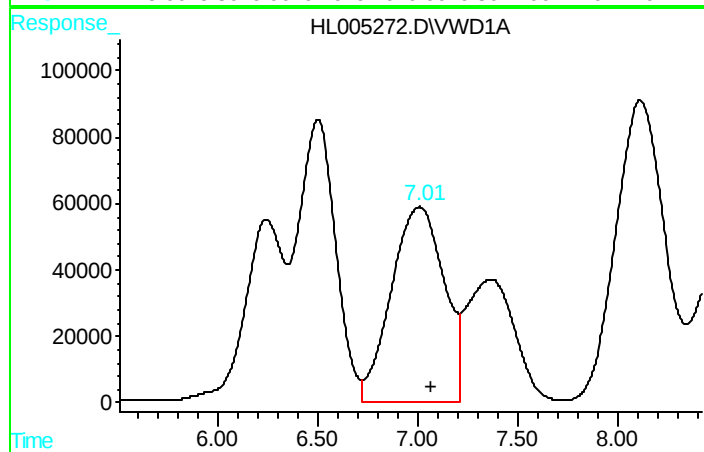
#9 2,4,6-Trinitrotoluene

R.T.: 6.503 min  
Delta R.T.: -0.001 min  
Response: 11012060  
Conc: 996.12 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDIC1000

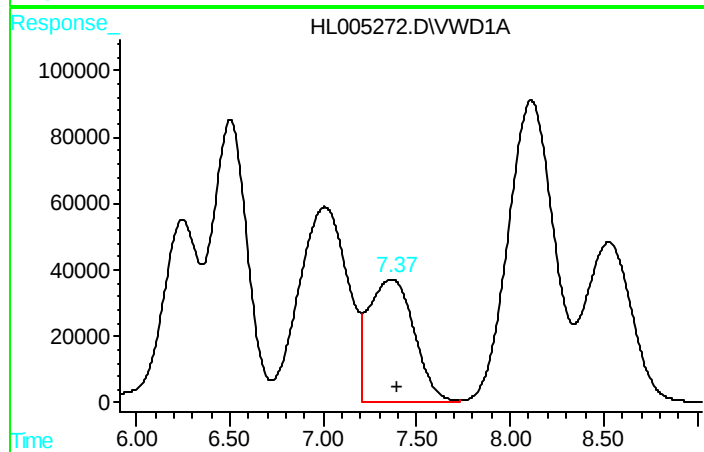
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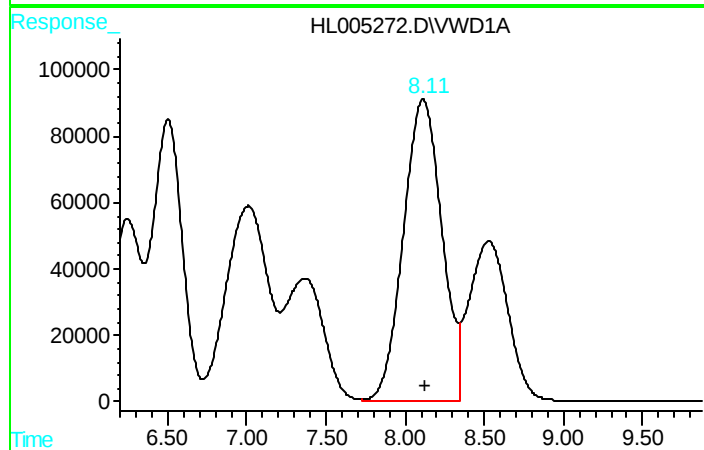
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.009 min  
Delta R.T.: -0.057 min  
Response: 10687215  
Conc: 952.50 ug/L



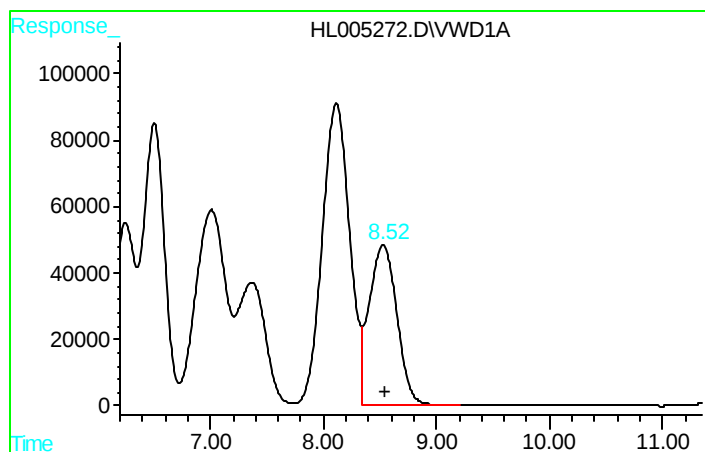
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.366 min  
Delta R.T.: -0.030 min  
Response: 6163643  
Conc: 1067.62 ug/L



#12 2,4-Dinitrotoluene

R.T.: 8.113 min  
Delta R.T.: -0.011 min  
Response: 15306768  
Conc: 1011.38 ug/L



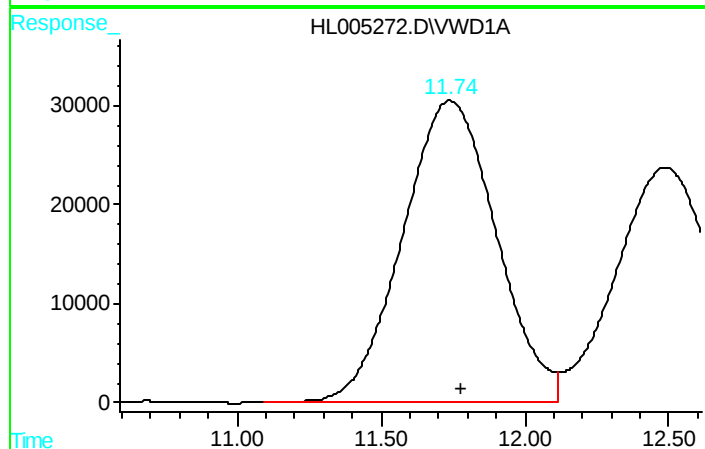
#13 2,6-Dinitrotoluene

R.T.: 8.527 min  
Delta R.T.: -0.012 min  
Response: 8246974  
Conc: 1021.07 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDIC1000

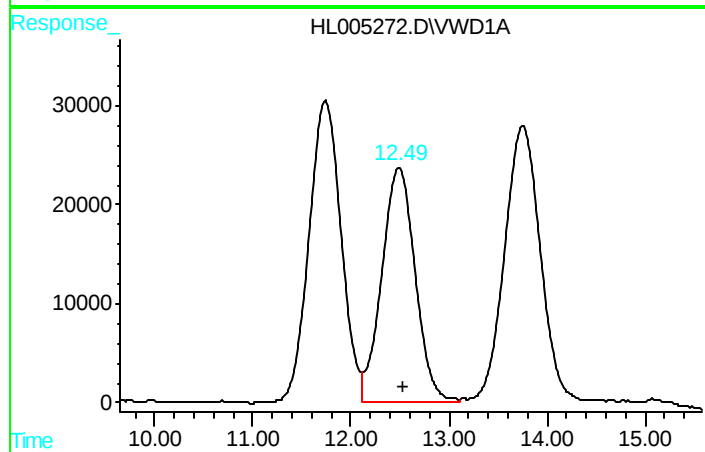
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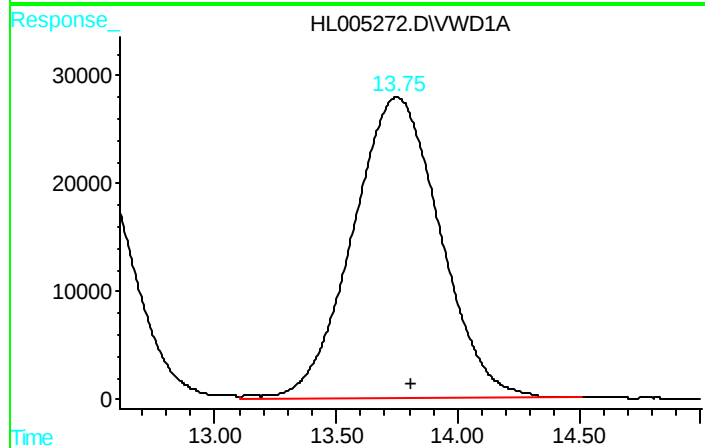
#14 2-Nitrotoluene

R.T.: 11.740 min  
Delta R.T.: -0.038 min  
Response: 6912763  
Conc: 961.18 ug/L



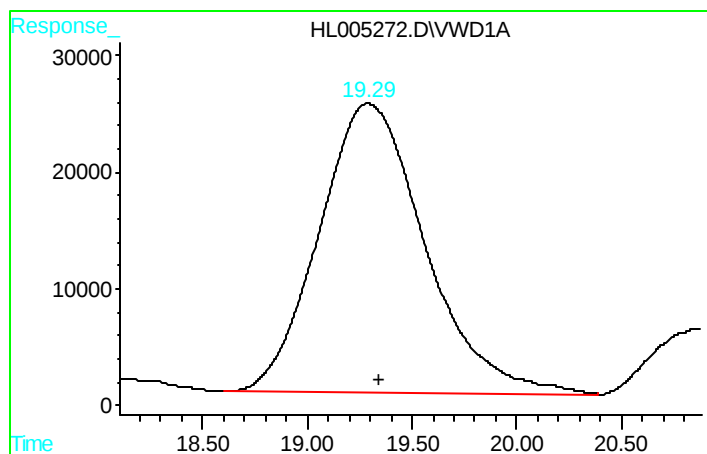
#15 4-Nitrotoluene

R.T.: 12.488 min  
Delta R.T.: -0.043 min  
Response: 5597692  
Conc: 966.87 ug/L



#16 3-Nitrotoluene

R.T.: 13.751 min  
Delta R.T.: -0.056 min  
Response: 6984004  
Conc: 988.96 ug/L



#17 PETN

R.T.: 19.289 min  
Delta R.T.: -0.049 min  
Response: 8777937  
Conc: 745.87 ug/L m

Instrument :

HPLC\_L

LabSampleId :

HSTDICC1000

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