

Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL060413\HL005361.D Vial: 3  
 Acq On : 04-Jun-2013, 15:34 Operator: QM  
 Sample : HSTDICC1000 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : autoint1.e  
 Quant Time: Jun 4 16:26 2013 Quant Results File: HL060413.RES

Instrument :  
 HPLC\_L  
 LabSampleId :  
 HSTDICC1000

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL060413.M  
 Title :  
 Last Update : Tue Jun 04 16:26:47 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              | 1.30  | 4012340  | 963.879 ug/L  |
| Target Compounds                 |       |          |               |
| 2) T HMX                         | 0.87  | 4356872  | 1001.946 ug/L |
| 3) T RDX                         | 1.71  | 4909802  | 950.809 ug/L  |
| 4) T 1,3,5-Trinitrobenzene       | 2.67  | 10740763 | 980.891 ug/L  |
| 5) T 1,3-Dinitrobenzene          | 3.56  | 15087811 | 940.173 ng/ml |
| 6) T 3,5-Dinitroaniline          | 3.91  | 12997204 | 957.712 ug/L  |
| 7) T Nitrobenzene                | 4.79  | 9994612  | 996.013 ug/L  |
| 8) T Tetryl                      | 6.31  | 7456908  | 1024.568 ug/L |
| 9) T 2,4,6-Trinitrotoluene       | 6.56  | 10772953 | 913.320 ug/L  |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.08  | 10373504 | 883.534 ug/L  |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.45  | 6169901  | 982.087 ug/L  |
| 12) T 2,4-Dinitrotoluene         | 8.18  | 14167473 | 898.171 ug/L  |
| 13) T 2,6-Dinitrotoluene         | 8.59  | 7728851  | 915.989 ug/L  |
| 14) T 2-Nitrotoluene             | 11.88 | 6518344  | 981.424 ug/L  |
| 15) T 4-Nitrotoluene             | 12.65 | 5324857  | 973.509 ug/L  |
| 16) T 3-Nitrotoluene             | 13.94 | 7021921  | 1002.032 ug/L |
| 17) T PETN                       | 19.59 | 10393503 | 1165.287 ug/L |

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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.

HL005361.D HL060413.M

Tue Jun 04 16:26:54 2013

RPT1

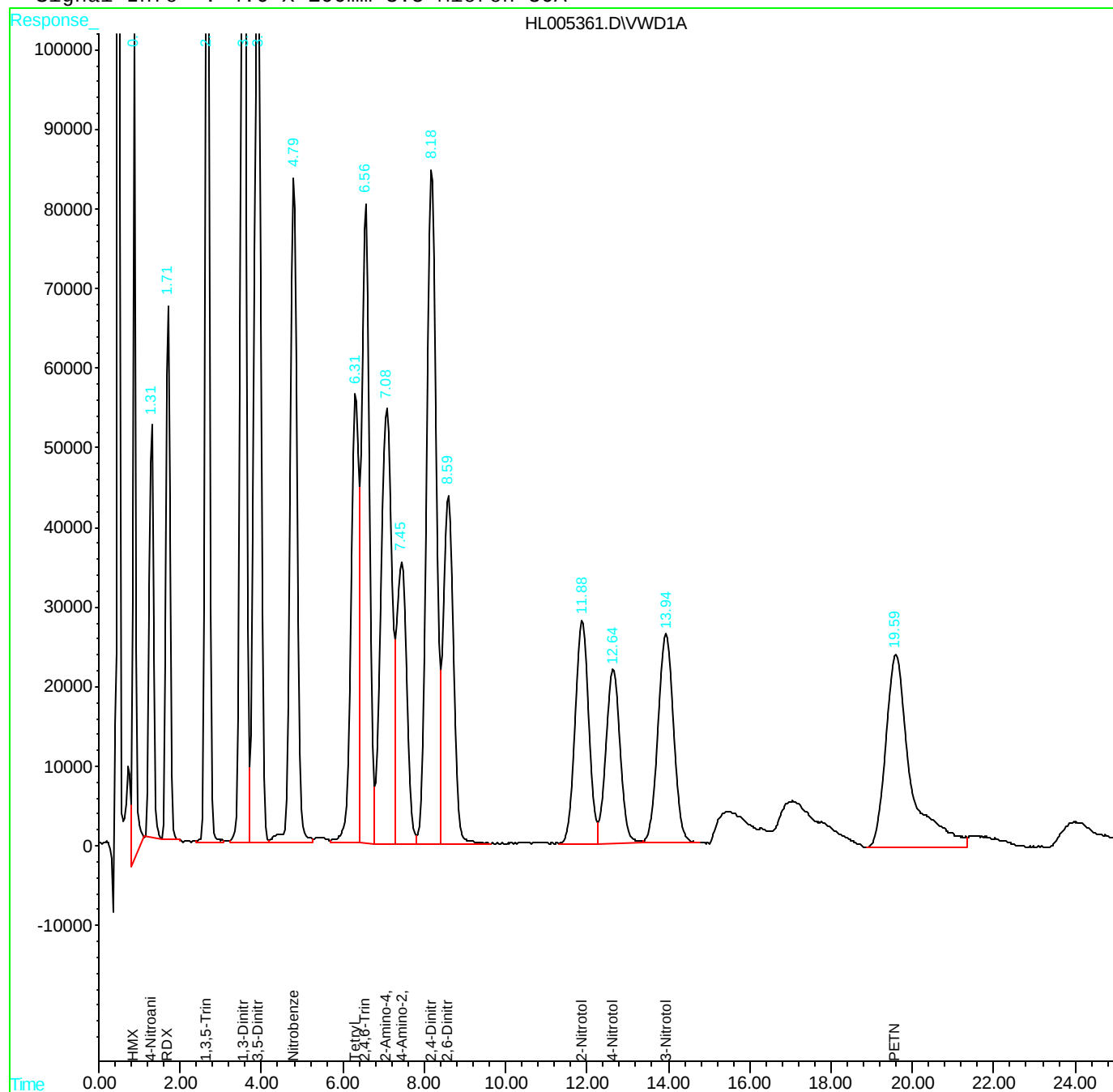
# Quantitation Report

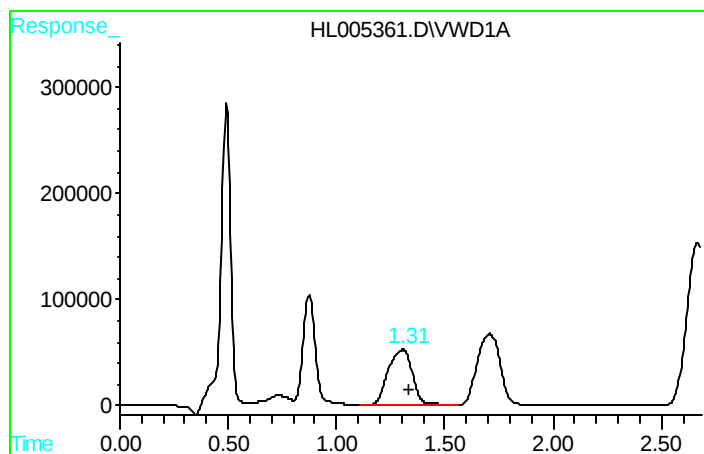
Data File : Z:\HPCHEM1\HPLC\_L\DATA\HL060413\HL005361.D Vial: 3  
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 IntFile : autoint1.e  
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Instrument :  
 HPLC\_L  
 LabSampleId :  
 HSTDICC1000

Quant Method : Z:\HPCHEM1\HPLC\_L\METHODS\HL060413.M  
 Title :  
 Last Update : Tue Jun 04 16:26:47 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

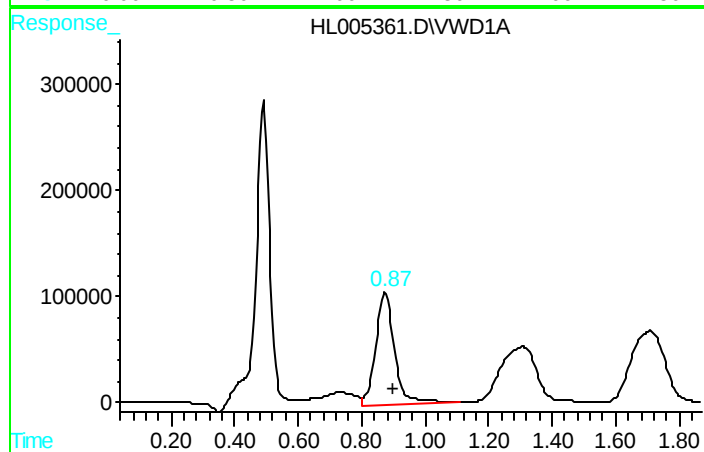




#1 4-Nitroaniline

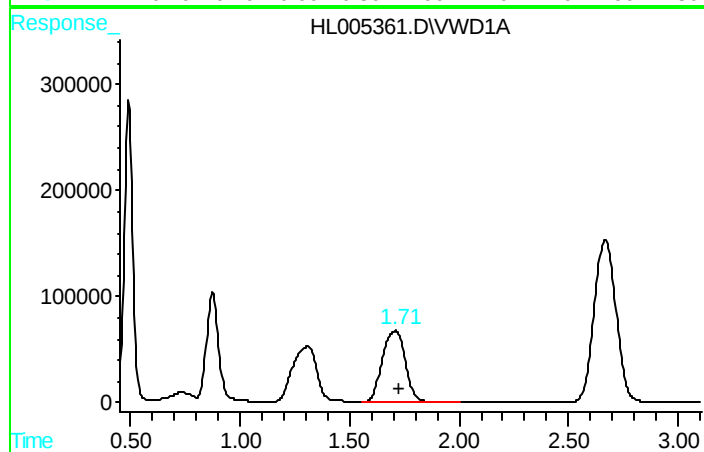
R.T.: 1.305 min  
Delta R.T.: -0.028 min  
Response: 4012340  
Conc: 963.88 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000



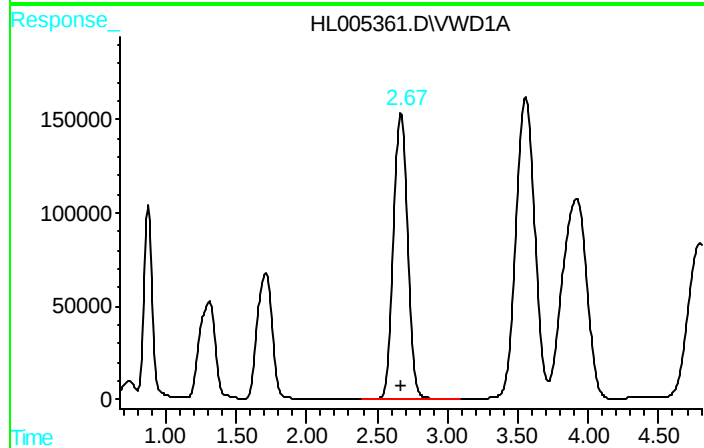
#2 HMX

R.T.: 0.875 min  
Delta R.T.: -0.021 min  
Response: 4356872  
Conc: 1001.95 ug/L



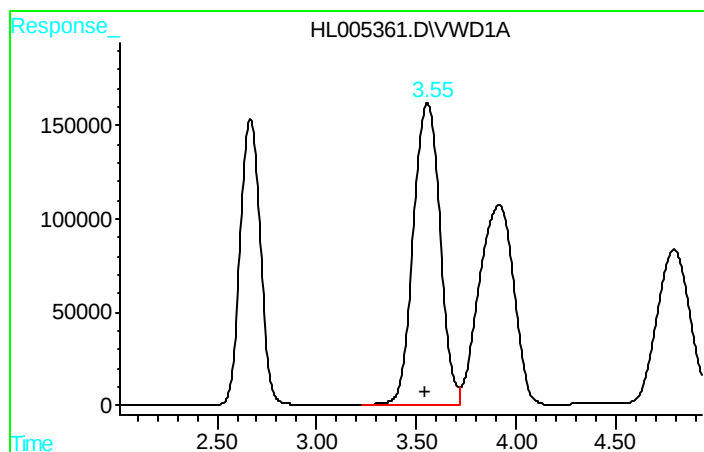
#3 RDX

R.T.: 1.707 min  
Delta R.T.: -0.020 min  
Response: 4909802  
Conc: 950.81 ug/L



#4 1,3,5-Trinitrobenzene

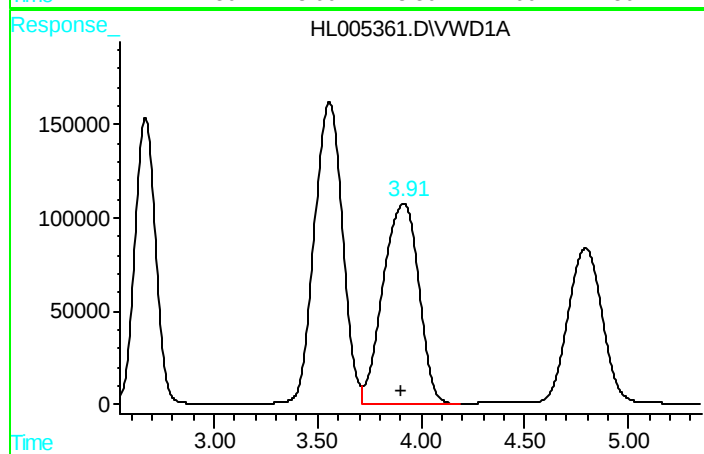
R.T.: 2.668 min  
Delta R.T.: -0.002 min  
Response: 10740763  
Conc: 980.89 ug/L



#5 1,3-Dinitrobenzene

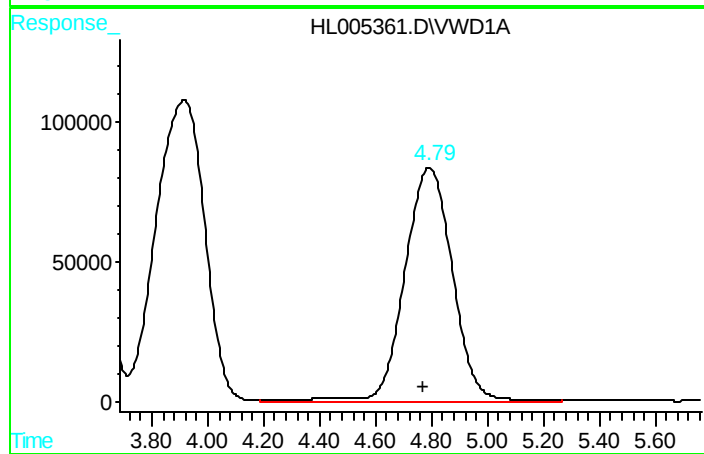
R.T.: 3.556 min  
Delta R.T.: 0.015 min  
Response: 15087811  
Conc: 940.17 ng/ml

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000



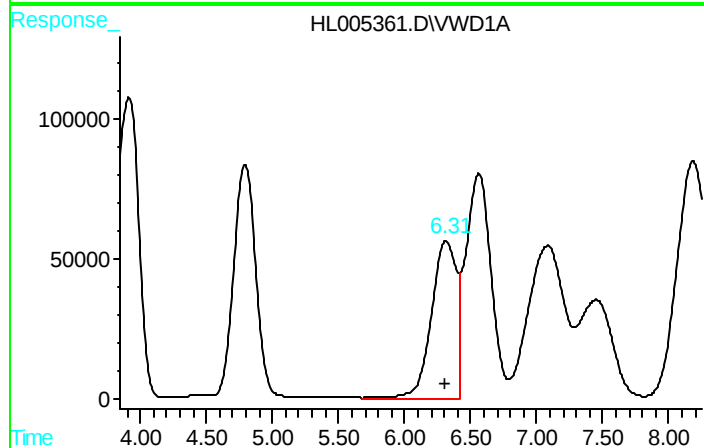
#6 3,5-Dinitroaniline

R.T.: 3.915 min  
Delta R.T.: 0.014 min  
Response: 12997204  
Conc: 957.71 ug/L



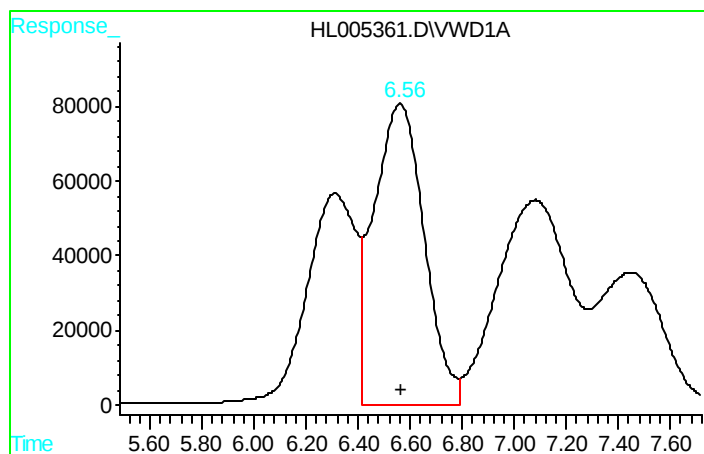
#7 Nitrobenzene

R.T.: 4.793 min  
Delta R.T.: 0.024 min  
Response: 9994612  
Conc: 996.01 ug/L



#8 Tetryl

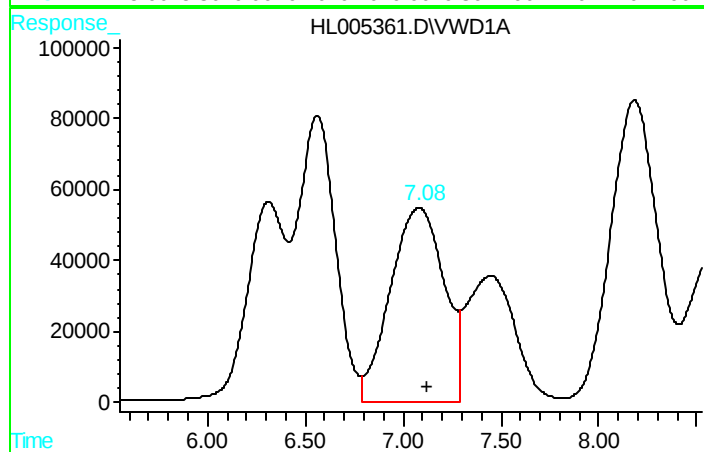
R.T.: 6.313 min  
Delta R.T.: 0.007 min  
Response: 7456908  
Conc: 1024.57 ug/L



#9 2,4,6-Trinitrotoluene

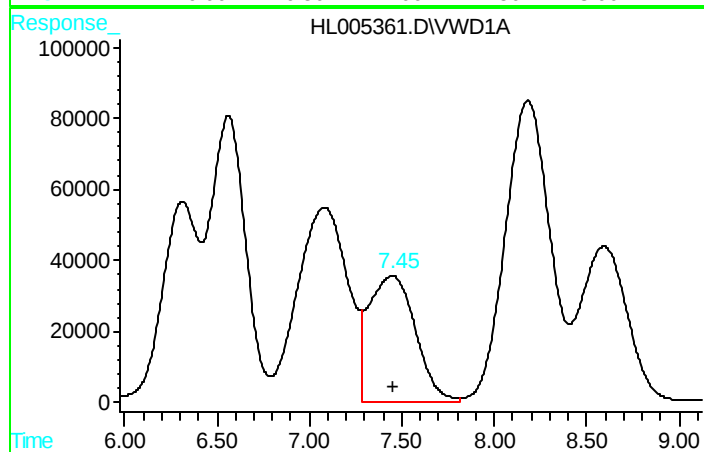
R.T.: 6.562 min  
Delta R.T.: -0.005 min  
Response: 10772953  
Conc: 913.32 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000



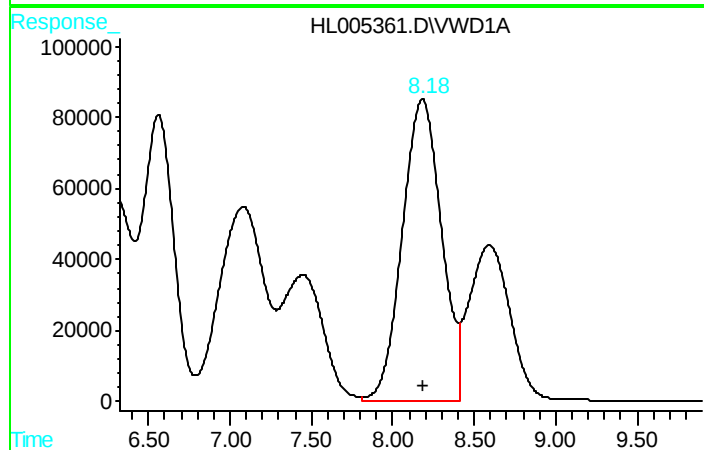
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.082 min  
Delta R.T.: -0.039 min  
Response: 10373504  
Conc: 883.53 ug/L



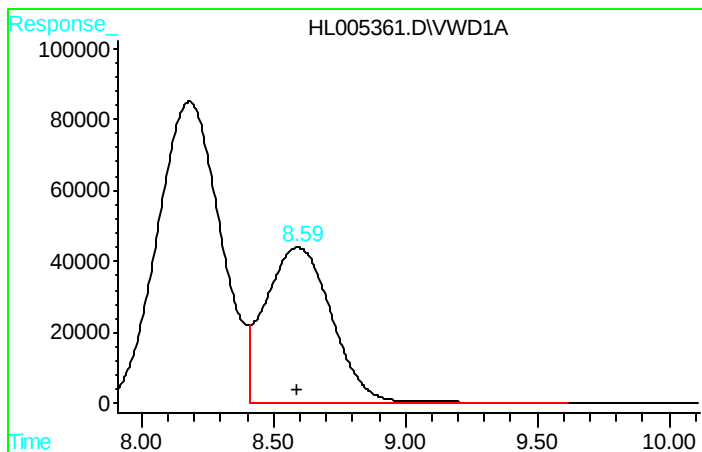
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.448 min  
Delta R.T.: -0.002 min  
Response: 6169901  
Conc: 982.09 ug/L



#12 2,4-Dinitrotoluene

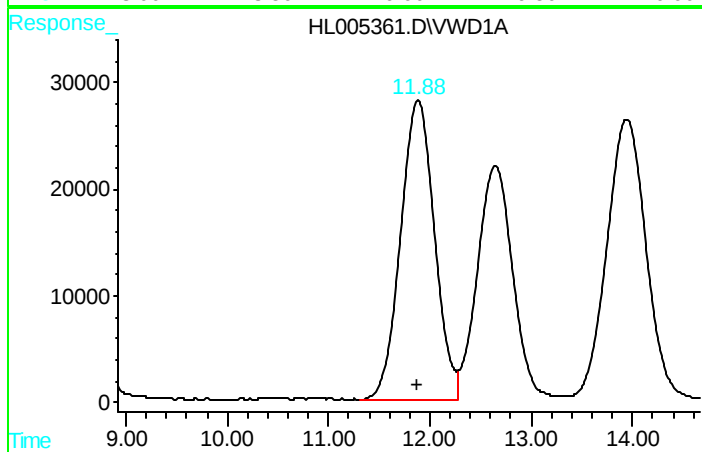
R.T.: 8.182 min  
Delta R.T.: 0.002 min  
Response: 14167473  
Conc: 898.17 ug/L



#13 2,6-Dinitrotoluene

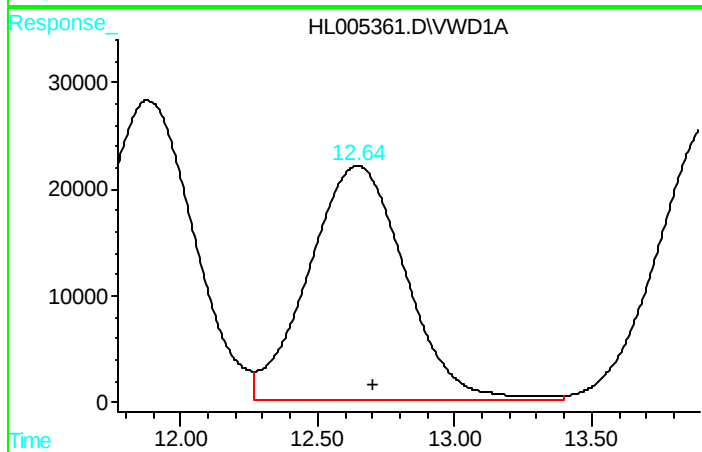
R.T.: 8.593 min  
Delta R.T.: 0.003 min  
Response: 7728851  
Conc: 915.99 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000



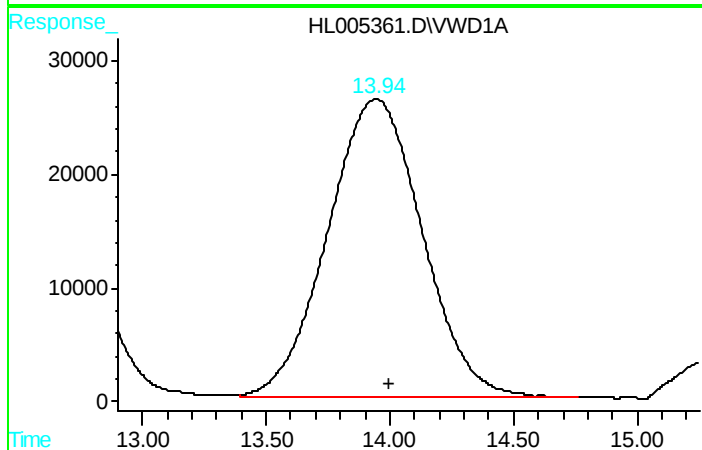
#14 2-Nitrotoluene

R.T.: 11.880 min  
Delta R.T.: 0.000 min  
Response: 6518344  
Conc: 981.42 ug/L



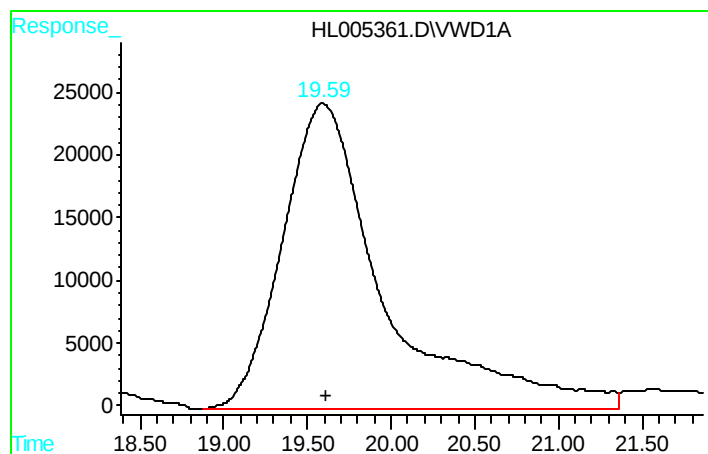
#15 4-Nitrotoluene

R.T.: 12.646 min  
Delta R.T.: -0.053 min  
Response: 5324857  
Conc: 973.51 ug/L



#16 3-Nitrotoluene

R.T.: 13.944 min  
Delta R.T.: -0.049 min  
Response: 7021921  
Conc: 1002.03 ug/L



#17 PETN

R.T.: 19.594 min  
Delta R.T.: -0.015 min  
Response: 10393503  
Conc: 1165.29 ug/L

Instrument :  
HPLC\_L  
LabSampleId :  
HSTDICC1000