

Signal #1 : Z:\HPCHEM1\HPLC\_N\DATA\HN010715\HN007199.D\VWD1A.CH Vial: 9  
 Signal #2 : Z:\HPCHEM1\HPLC\_N\DATA\HN010715\HN007199.D\VWD1A.CH  
 Acq On : 07-Jan-2015, 18:09 Operator: TP  
 Sample : G1001-04 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile Signal #1: autoint1.e IntFile Signal #2: autoint2.e  
 Quant Time: Jan 8 10:51 2015 Quant Results File: HN010715.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN010715.M  
 Title :  
 Last Update : Thu Jan 08 10:28:20 2015  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. : 50 ul  
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :

| Compound                         | R.T.  | Response | Conc Units     |
|----------------------------------|-------|----------|----------------|
| -----                            |       |          |                |
| System Monitoring Compounds      |       |          |                |
| 1) S 4-Nitroaniline              | 1.32  | 2144047  | 528.989 ug/L   |
| Target Compounds                 |       |          |                |
| 2) T HMX                         | 0.89  | 938182   | 214.597 ug/L   |
| 3) T RDX                         | 1.72  | 1108843  | 204.017 ug/L   |
| 4) T 1,3,5-Trinitrobenzene       | 2.70  | 2233016  | 195.522 ug/L   |
| 5) T 1,3-Dinitrobenzene          | 3.58  | 3439846  | 201.325 ng/ml  |
| 6) T 3,5-Dinitroaniline          | 3.97  | 2553065  | 192.781 ug/L   |
| 7) T Nitrobenzene                | 4.84  | 2083064  | 211.696 ug/L m |
| 8) T Tetryl                      | 6.48  | 1031852  | 14.677 ug/L m  |
| 9) T 2,4,6-Trinitrotoluene       | 6.64  | 2308157  | 189.248 ug/L m |
| 10) T 2-Amino-4,6-dinitrotoluene | 7.24  | 2077761  | 194.250 ug/L m |
| 11) T 4-Amino-2,6-dinitrotoluene | 7.61  | 1261292  | 191.454 ug/L m |
| 12) T 2,4-Dinitrotoluene         | 8.35  | 3206960  | 211.812 ug/L m |
| 13) T 2,6-Dinitrotoluene         | 8.76  | 1617071  | 193.604 ug/L m |
| 14) T 2-Nitrotoluene             | 12.11 | 1187003  | 179.892 ug/L m |
| 15) T 4-Nitrotoluene             | 12.84 | 993189   | 183.876 ug/L m |
| 16) T 3-Nitrotoluene             | 14.20 | 1469076  | 205.753 ug/L m |
| 17) T PETN                       | 19.40 | 1691995  | 104.457 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.

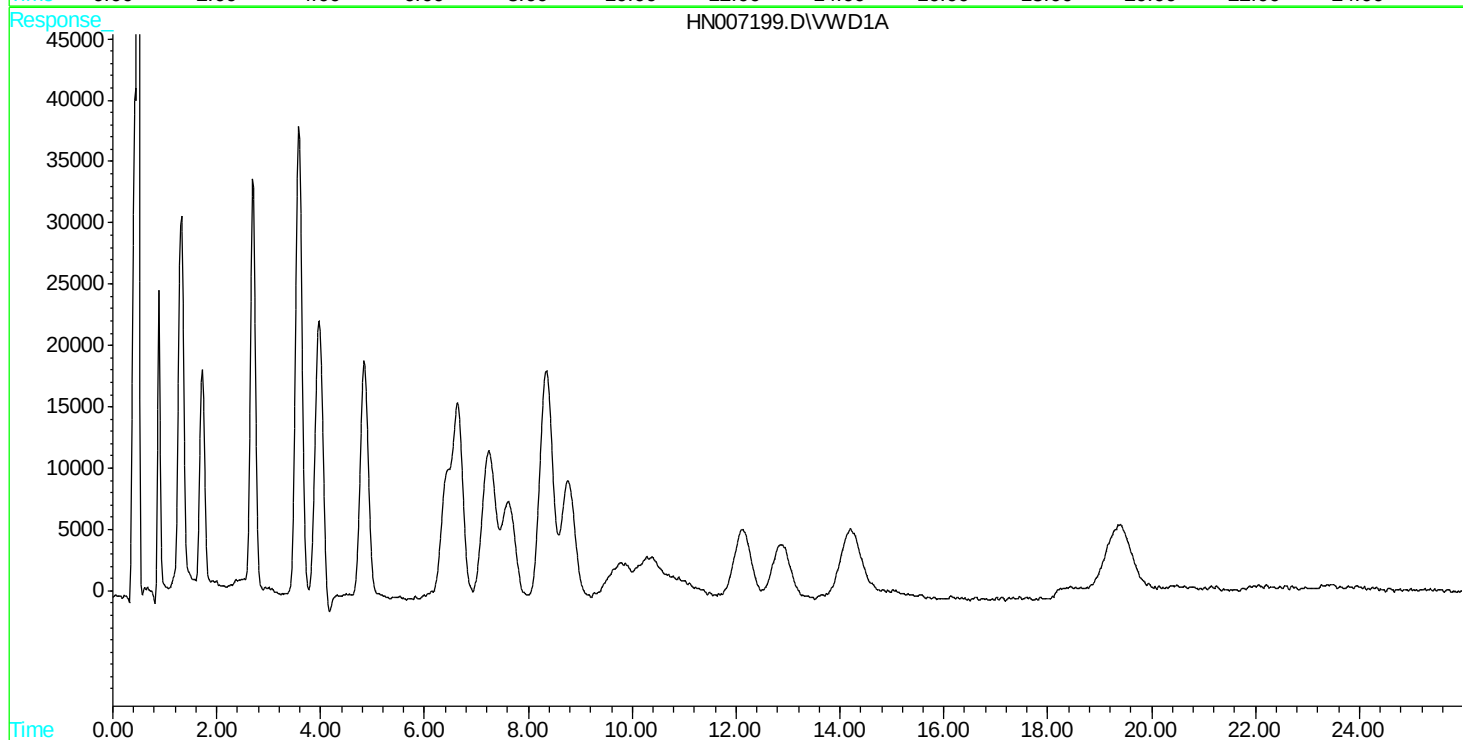
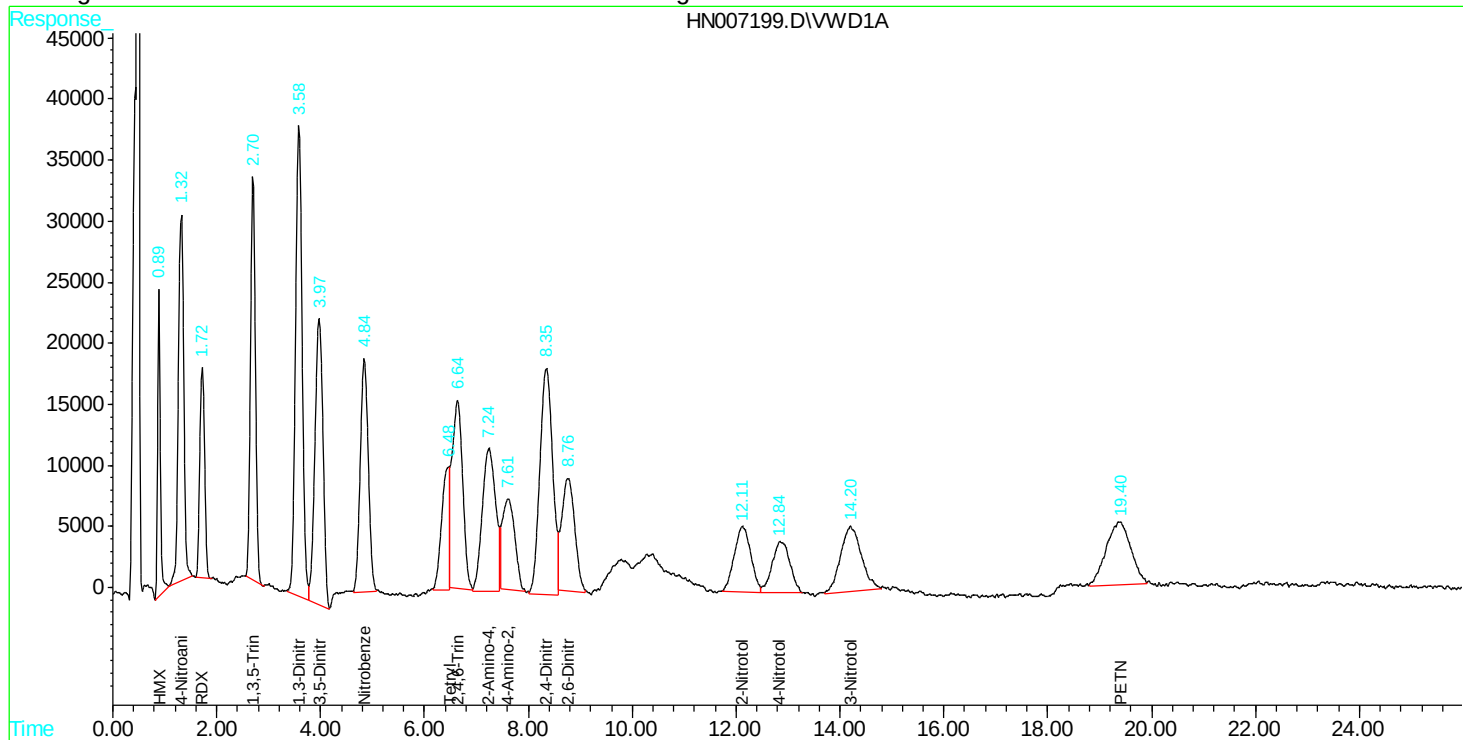
HN007199.D HN010715.M Mon Jan 12 15:03:47 2015

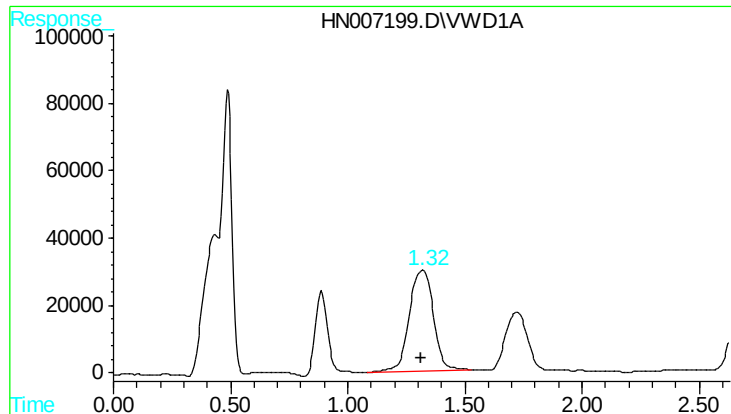
# Quantitation Report

Signal #1 : Z:\HPCHEM1\HPLC\_N\DATA\HN010715\HN007199.D\VWD1A.CH Vial: 9  
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 Acq On : 07-Jan-2015, 18:09 Operator: TP  
 Sample : G1001-04 Inst : G1314A  
 Misc : Multiplr: 1.00  
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 Quant Time: Jan 8 10:51 2015 Quant Results File: HN010715.RES

Quant Method : Z:\HPCHEM1\HPLC\_N\METHODS\HN010715.M  
 Title :  
 Last Update : Thu Jan 08 10:28:20 2015  
 Response via : Multiple Level Calibration  
 DataAcq Meth : 8330AGIP.M

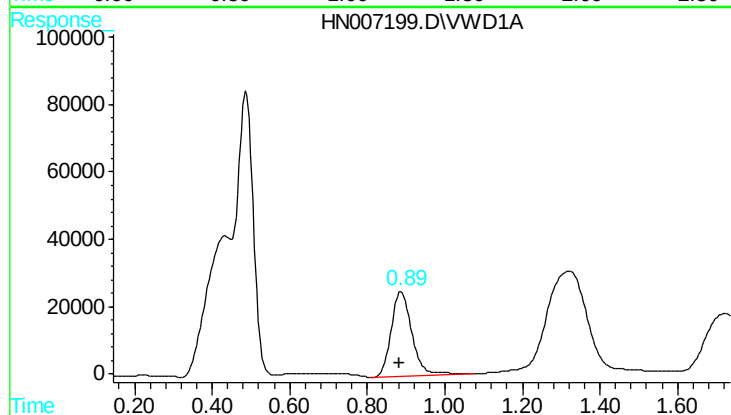
Volume Inj. : 50 ul  
 Signal #1 Phase : ZORBAX Extend-C18 Signal #2 Phase:  
 Signal #1 Info : 4.6 X 100mm 3.5-M Signal #2 Info :





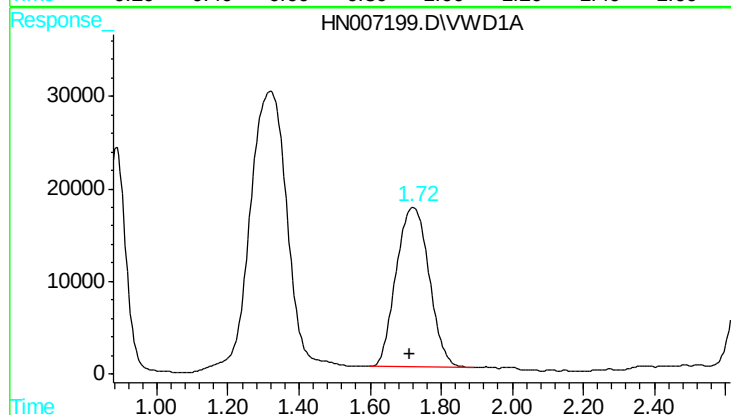
#### #1 4-Nitroaniline

R.T.: 1.319 min  
Delta R.T.: 0.006 min  
Response: 2144047  
Conc: 528.99 ug/L



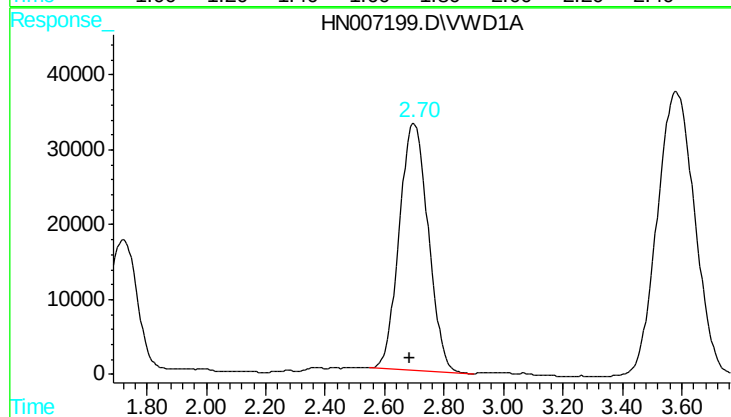
#### #2 HMX

R.T.: 0.888 min  
Delta R.T.: 0.006 min  
Response: 938182  
Conc: 214.60 ug/L



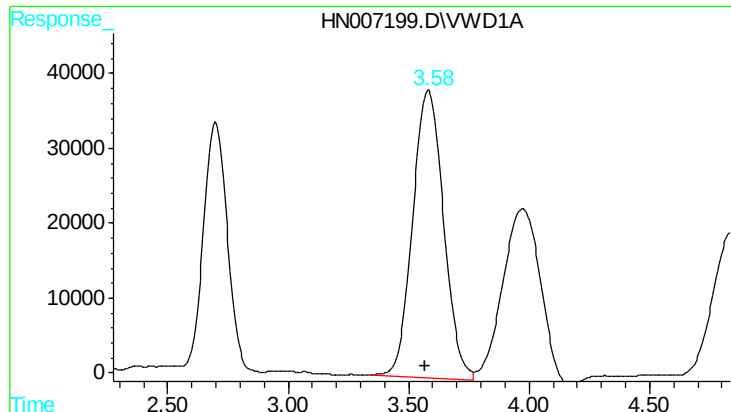
#### #3 RDX

R.T.: 1.722 min  
Delta R.T.: 0.009 min  
Response: 1108843  
Conc: 204.02 ug/L



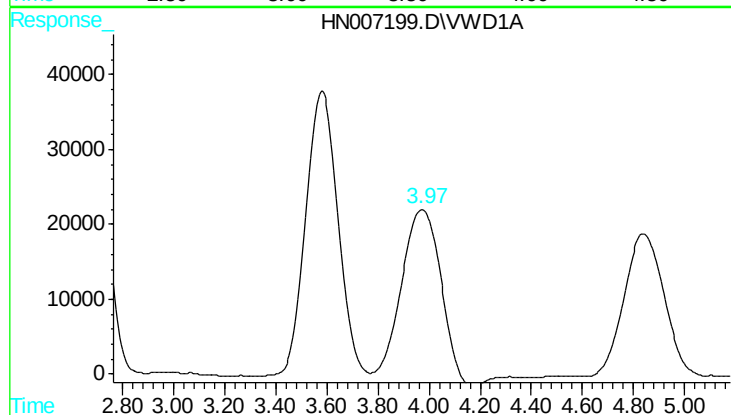
#### #4 1,3,5-Trinitrobenzene

R.T.: 2.698 min  
Delta R.T.: 0.013 min  
Response: 2233016  
Conc: 195.52 ug/L



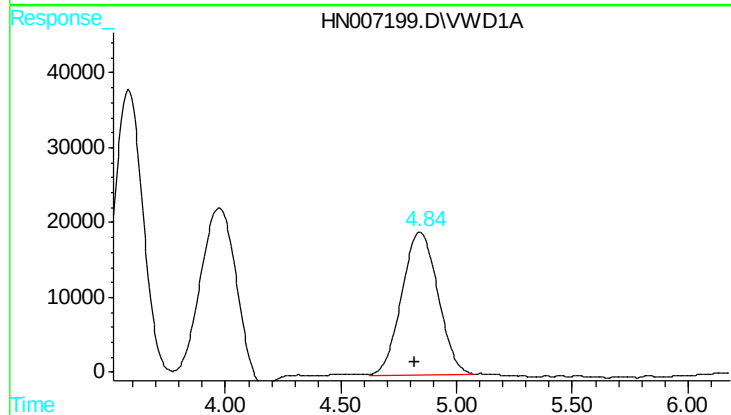
#5 1,3-Dinitrobenzene

R.T.: 3.582 min  
Delta R.T.: 0.015 min  
Response: 3439846  
Conc: 201.33 ng/ml



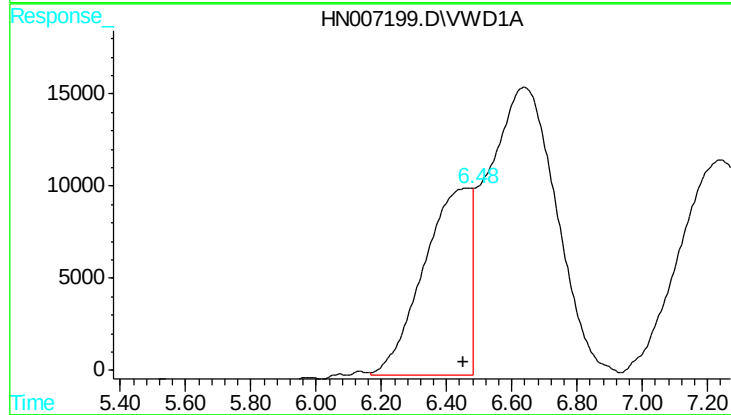
#6 3,5-Dinitroaniline

R.T.: 3.973 min  
Delta R.T.: 0.015 min  
Response: 2553065  
Conc: 192.78 ug/L



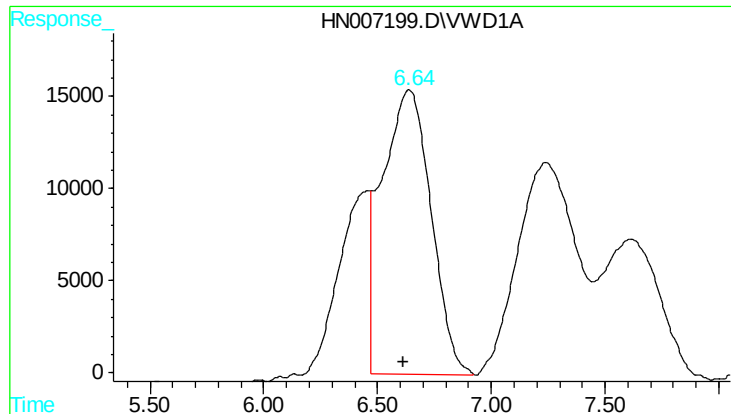
#7 Nitrobenzene

R.T.: 4.839 min  
Delta R.T.: 0.017 min  
Response: 2083064  
Conc: 211.70 ug/L m



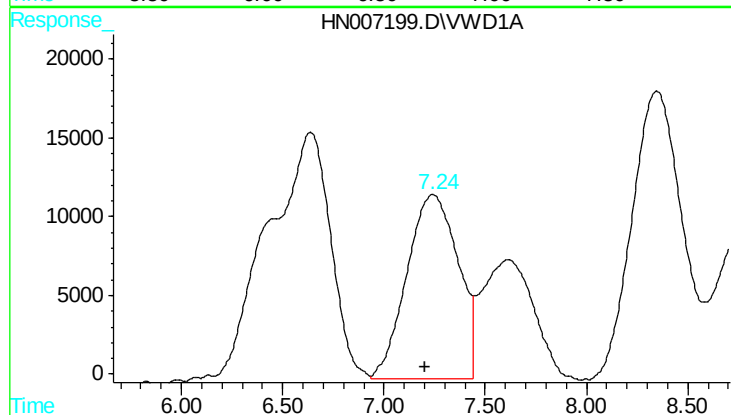
#8 Tetryl

R.T.: 6.480 min  
Delta R.T.: 0.030 min  
Response: 1031852  
Conc: 14.68 ug/L m



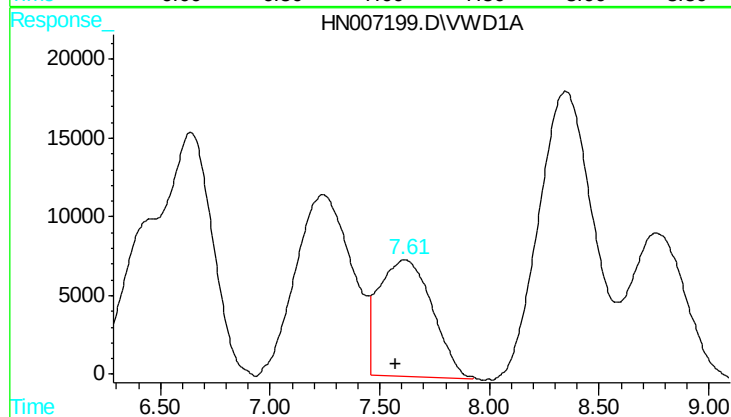
#9 2,4,6-Trinitrotoluene

R.T.: 6.636 min  
Delta R.T.: 0.020 min  
Response: 2308157  
Conc: 189.25 ug/L m



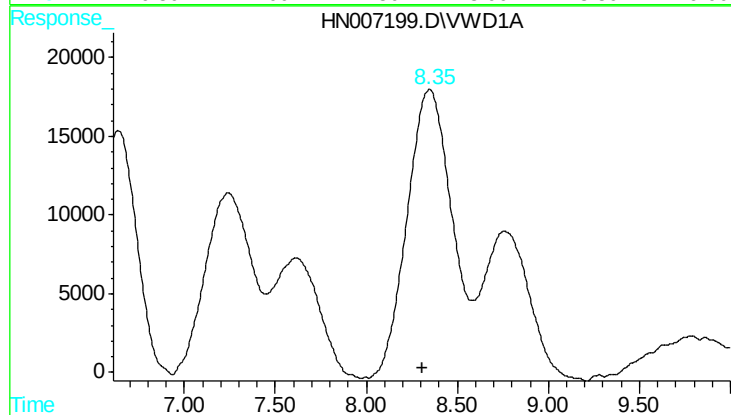
#10 2-Amino-4,6-dinitrotoluene

R.T.: 7.239 min  
Delta R.T.: 0.035 min  
Response: 2077761  
Conc: 194.25 ug/L m



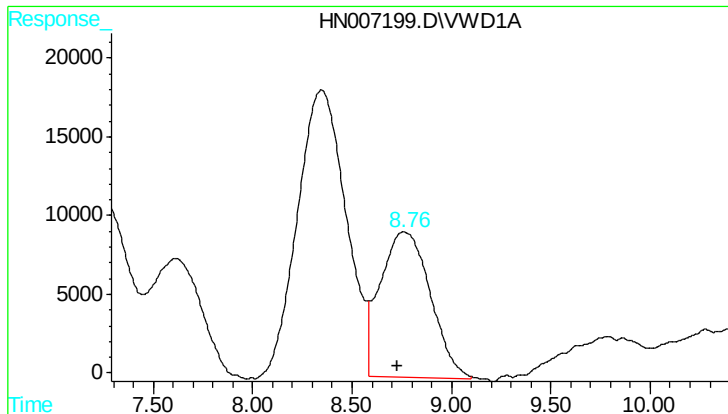
#11 4-Amino-2,6-dinitrotoluene

R.T.: 7.610 min  
Delta R.T.: 0.037 min  
Response: 1261292  
Conc: 191.45 ug/L m



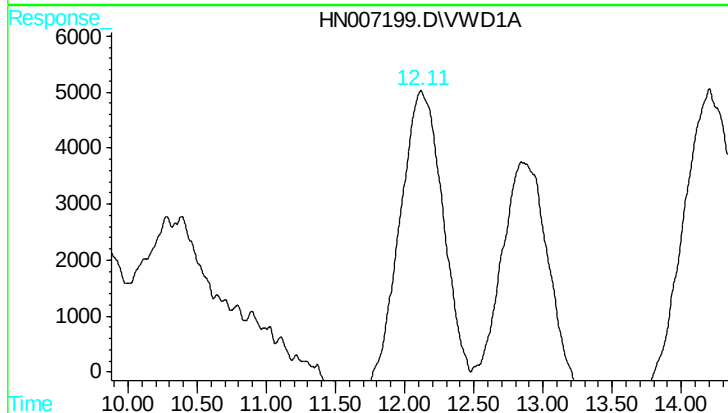
#12 2,4-Dinitrotoluene

R.T.: 8.345 min  
Delta R.T.: 0.034 min  
Response: 3206960  
Conc: 211.81 ug/L m



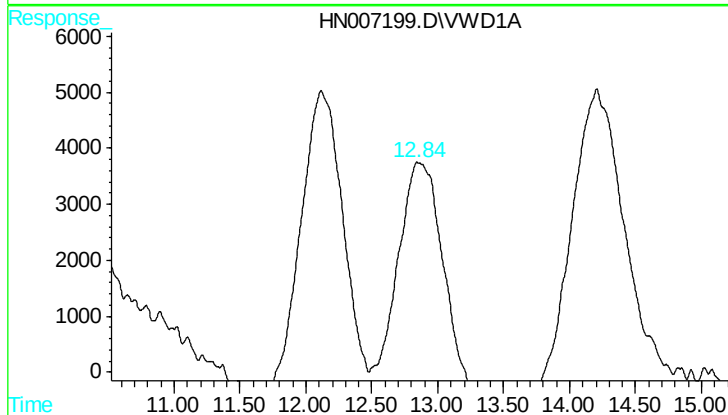
#13 2,6-Dinitrotoluene

R.T.: 8.759 min  
Delta R.T.: 0.029 min  
Response: 1617071  
Conc: 193.60 ug/L m



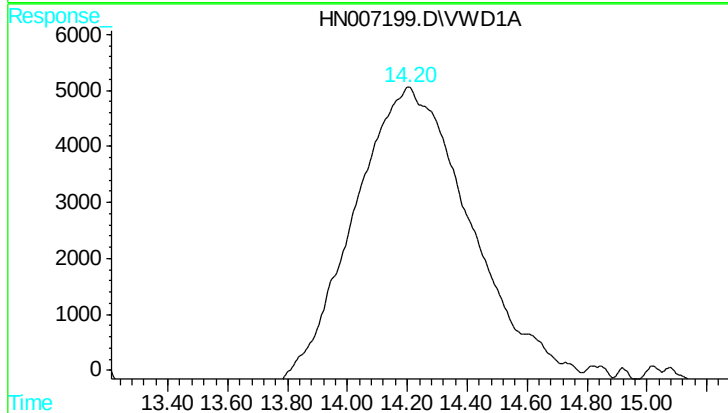
#14 2-Nitrotoluene

R.T.: 12.115 min  
Delta R.T.: 0.041 min  
Response: 1187003  
Conc: 179.89 ug/L m



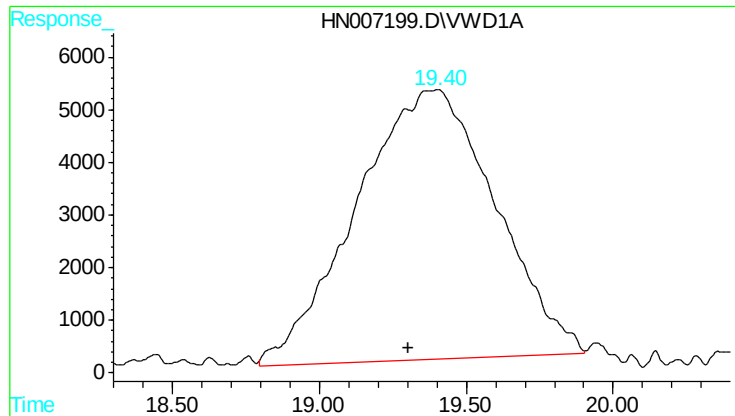
#15 4-Nitrotoluene

R.T.: 12.840 min  
Delta R.T.: 0.008 min  
Response: 993189  
Conc: 183.88 ug/L m



#16 3-Nitrotoluene

R.T.: 14.203 min  
Delta R.T.: 0.048 min  
Response: 1469076  
Conc: 205.75 ug/L m



#17 PETN

R.T.: 19.404 min  
Delta R.T.: 0.101 min  
Response: 1691995  
Conc: 104.46 ug/L m