

Data File : H:\VOL1\HPLC\HPLC L\121231\HL003904.D Vial: 46  
 Acq On : 01-Jan-2013, 14:16 Operator: HLM  
 Sample : PB67574BS1 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Jan 2 11:27 2013 Quant Results File: HL123112.RES

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 PB67574BS1

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL123112.M (Chemstation Integrator)  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Wed Jan 02 11:22:54 2013  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Volume Inj. :  
 Signal Phase :  
 Signal Info :

| Compound | R.T. | Response | Conc Units |
|----------|------|----------|------------|
|----------|------|----------|------------|

## System Monitoring Compounds

|               |                |       |          |                   |
|---------------|----------------|-------|----------|-------------------|
| 1) S          | 4-Nitroaniline | 1.35  | 1073299  | 276.088 ug/L      |
| Spiked Amount | 300.000        | Range | 37 - 149 | Recovery = 92.03% |

## Target Compounds

|       |                            |       |         |                |
|-------|----------------------------|-------|---------|----------------|
| 2) T  | HMX                        | 0.91  | 1003557 | 160.116 ug/L   |
| 3) T  | RDX                        | 1.74  | 1090546 | 201.076 ug/L   |
| 4) T  | 1,3,5-Trinitrobenzene      | 2.72  | 2443196 | 206.206 ug/L   |
| 5) T  | Tetryl                     | 6.15  | 1352694 | 151.686 ug/L   |
| 6) T  | 2,4,6-Trinitrotoluene      | 6.53  | 2684371 | 229.084 ug/L   |
| 7) T  | 2-Amino-4,6-dinitrotoluene | 7.00  | 2231234 | 197.821 ug/L   |
| 8) T  | 4-Amino-2,6-dinitrotoluene | 7.33  | 1577484 | 215.493 ug/L   |
| 9) T  | 2,4-Dinitrotoluene         | 8.16  | 3238091 | 207.803 ug/L   |
| 10) T | 2,6-Dinitrotoluene         | 8.54  | 1728675 | 199.678 ug/L   |
| 11) T | 1,3-Dinitrobenzene         | 3.60  | 3543360 | 209.284 ug/L   |
| 12) T | Nitrobenzene               | 4.84  | 2206683 | 205.488 ug/L   |
| 13) T | 2-Nitrotoluene             | 11.77 | 1435068 | 216.681 ug/L   |
| 14) T | 3-Nitrotoluene             | 13.78 | 1571995 | 221.035 ug/L   |
| 15) T | 4-Nitrotoluene             | 12.51 | 1227531 | 223.715 ug/L   |
| 16) T | 3,5-Dinitroaniline         | 3.94  | 2817159 | 176.855 ug/L   |
| 17) T | Nitroglycerin              | 6.15f | 1352694 | 24116.388 ug/L |
| 18) T | PETN                       | 18.79 | 1651457 | 179.988 ug/L   |

Data File : H:\VOL1\HPLC\HPLC L\121231\HL003904.D

Vial: 46

Acq On : 01-Jan-2013, 14:16

Operator: HLM

Sample : PB67574BS1

Inst : G1314A

Misc :

Multiplr: 1.00

IntFile : events.e

Quant Time: Jan 2 11:27 2013 Quant Results File: HL123112.RES

Instrument :

HPLC\_L

ClientSampleId :

PB67574BS1

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL123112.M (Chemstation Integrator)

Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)

Last Update : Wed Jan 02 11:22:54 2013

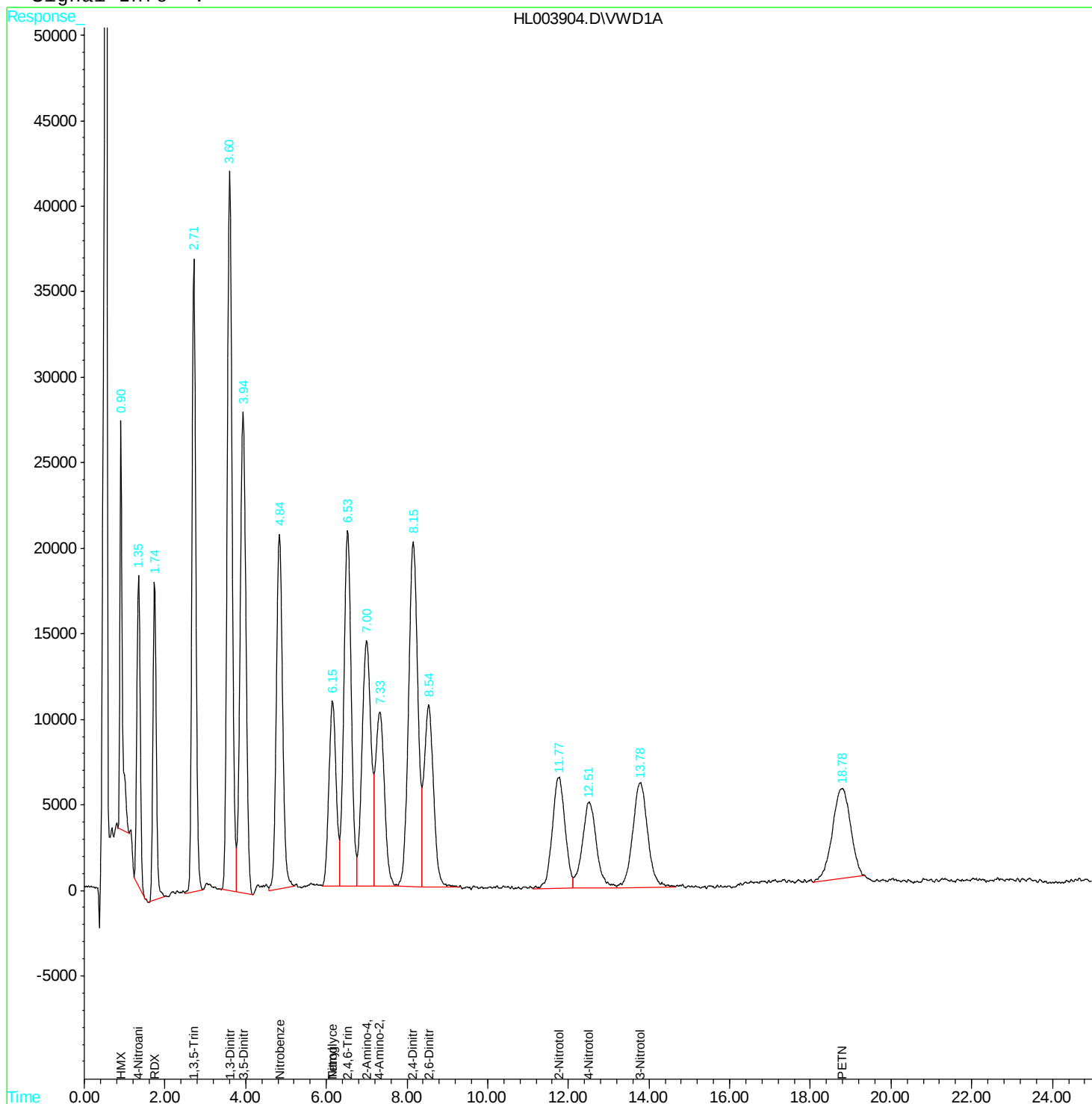
Response via : Multiple Level Calibration

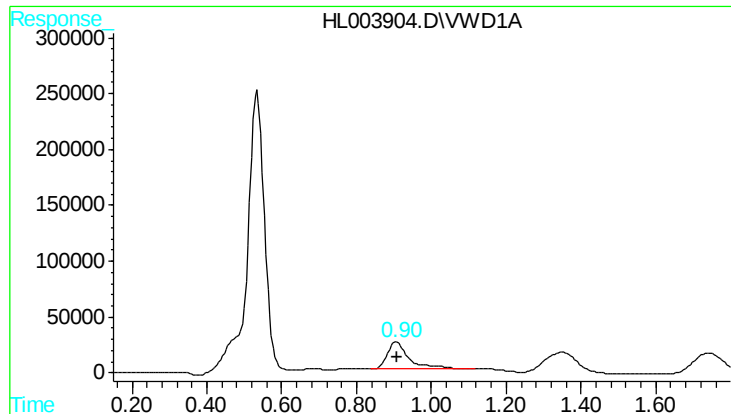
DataAcq Meth : 8330AGIP.M

Volume Inj. :

Signal Phase :

Signal Info :

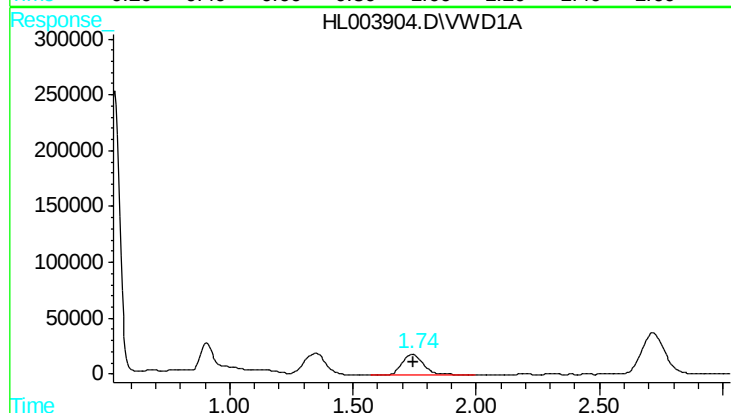




#2 HMX

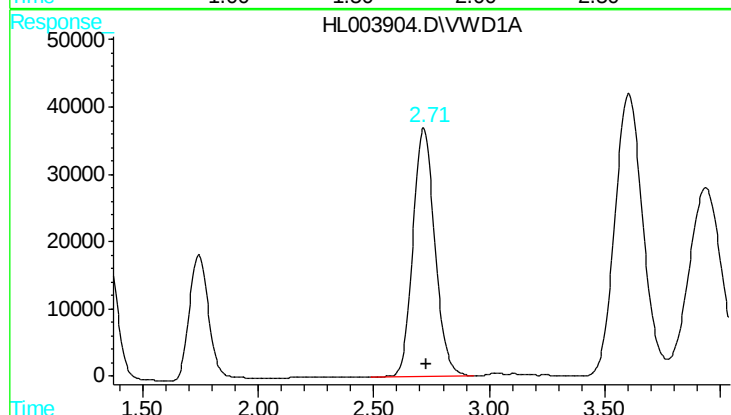
R.T.: 0.907 min  
Delta R.T.: 0.000 min  
Response: 1003557  
Conc: 160.12 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB67574BS1



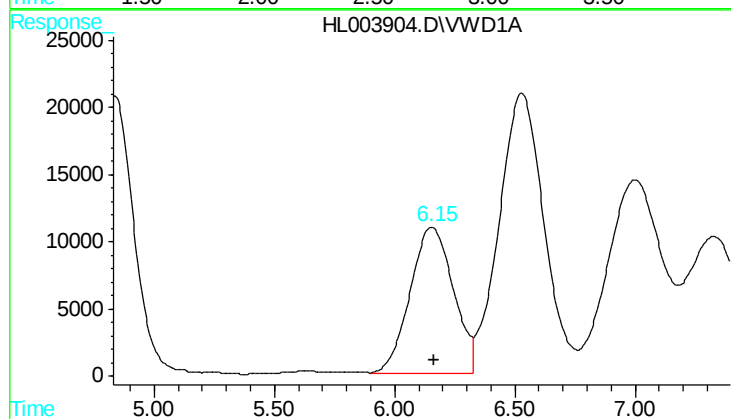
#3 RDX

R.T.: 1.743 min  
Delta R.T.: -0.004 min  
Response: 1090546  
Conc: 201.08 ug/L



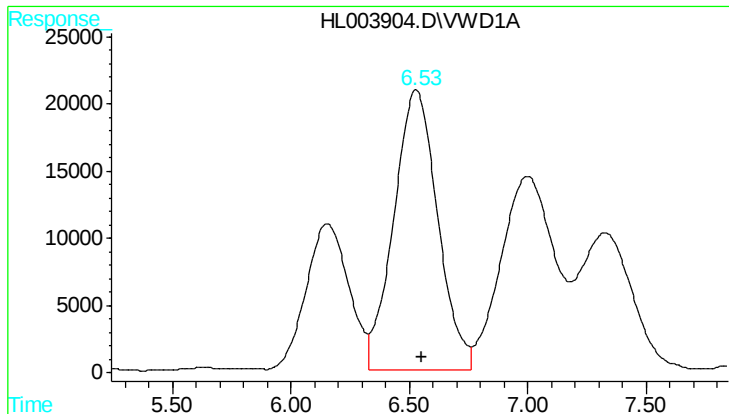
#4 1,3,5-Trinitrobenzene

R.T.: 2.717 min  
Delta R.T.: -0.010 min  
Response: 2443196  
Conc: 206.21 ug/L



#5 Tetryl

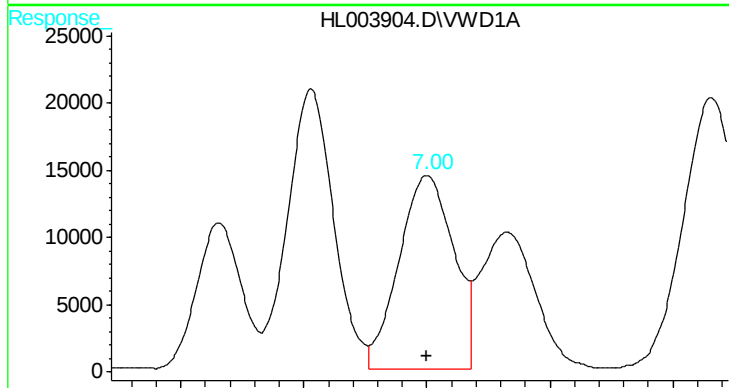
R.T.: 6.153 min  
Delta R.T.: -0.008 min  
Response: 1352694  
Conc: 151.69 ug/L



#6 2,4,6-Trinitrotoluene

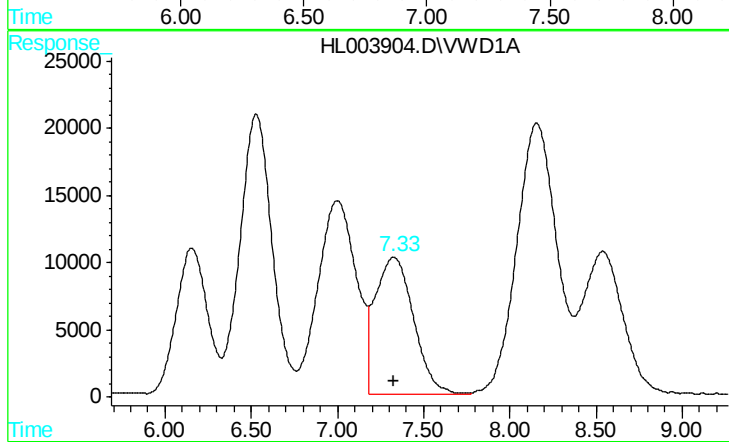
R.T.: 6.529 min  
Delta R.T.: -0.026 min  
Response: 2684371  
Conc: 229.08 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB67574BS1



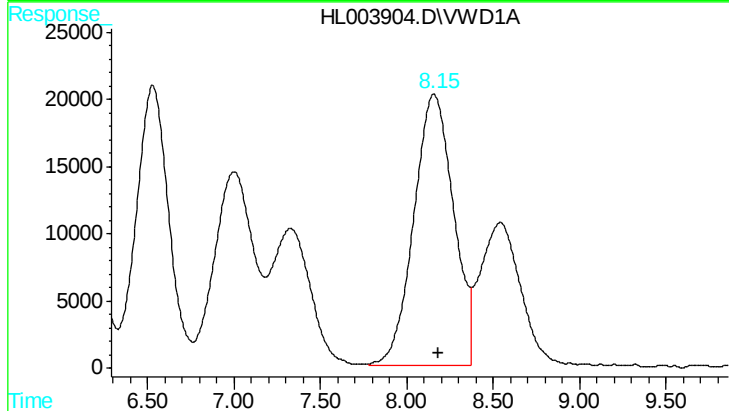
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.000 min  
Delta R.T.: -0.001 min  
Response: 2231234  
Conc: 197.82 ug/L



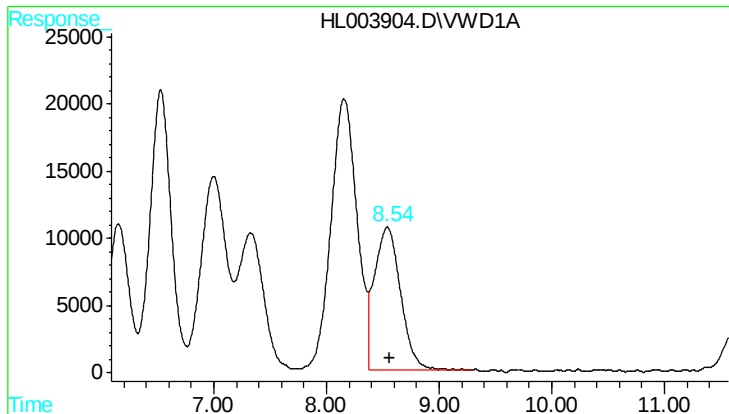
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.327 min  
Delta R.T.: 0.000 min  
Response: 1577484  
Conc: 215.49 ug/L



#9 2,4-Dinitrotoluene

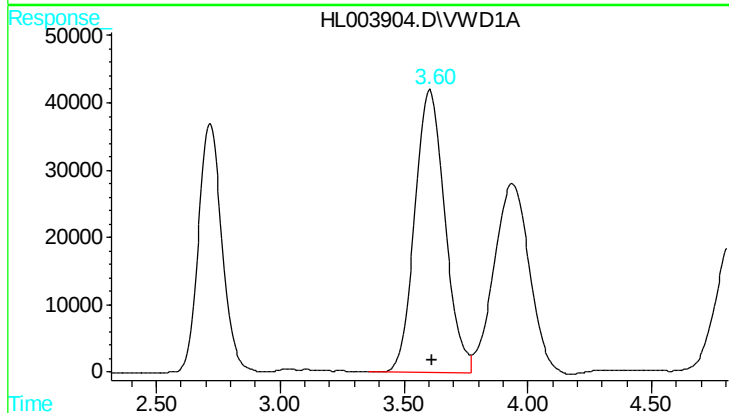
R.T.: 8.156 min  
Delta R.T.: -0.027 min  
Response: 3238091  
Conc: 207.80 ug/L



# #10 2,6-Dinitrotoluene

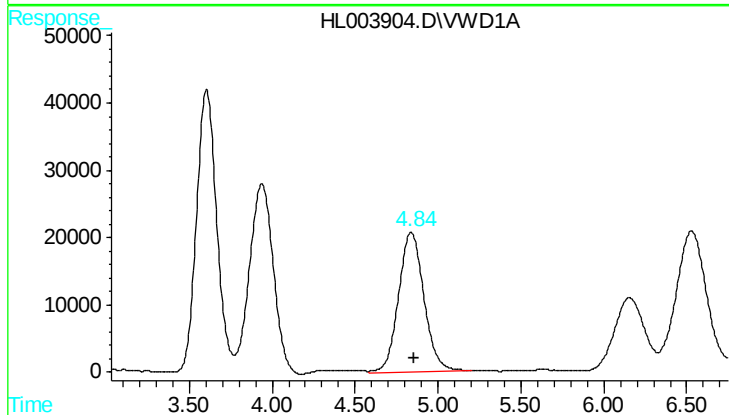
R.T.: 8.540 min  
Delta R.T.: -0.021 min  
Response: 1728675  
Conc: 199.68 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB67574BS1



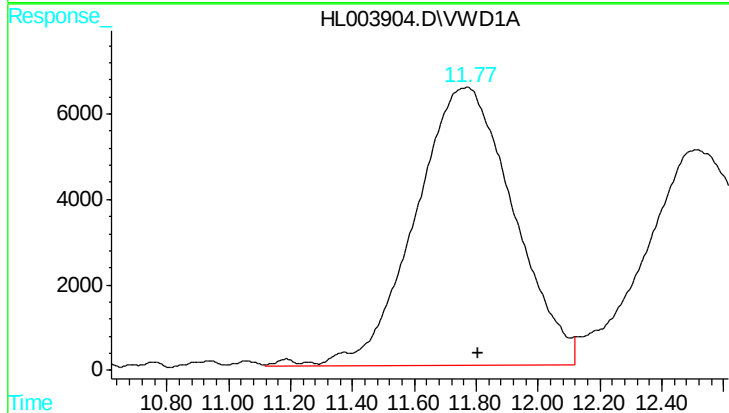
# #11 1,3-Dinitrobenzene

R.T.: 3.605 min  
Delta R.T.: -0.010 min  
Response: 3543360  
Conc: 209.28 ug/L



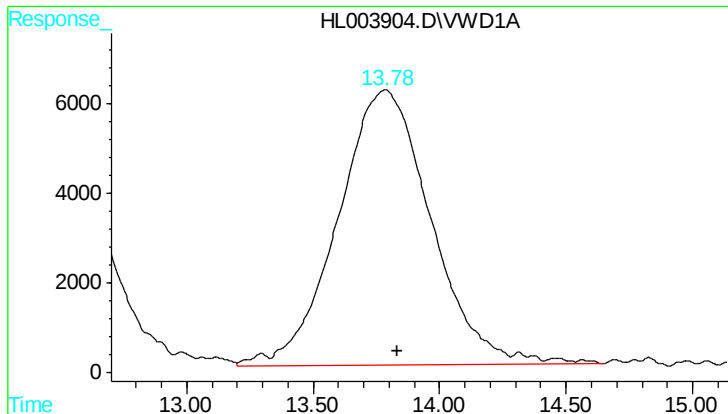
# #12 Nitrobenzene

R.T.: 4.838 min  
Delta R.T.: -0.017 min  
Response: 2206683  
Conc: 205.49 ug/L



# #13 2-Nitrotoluene

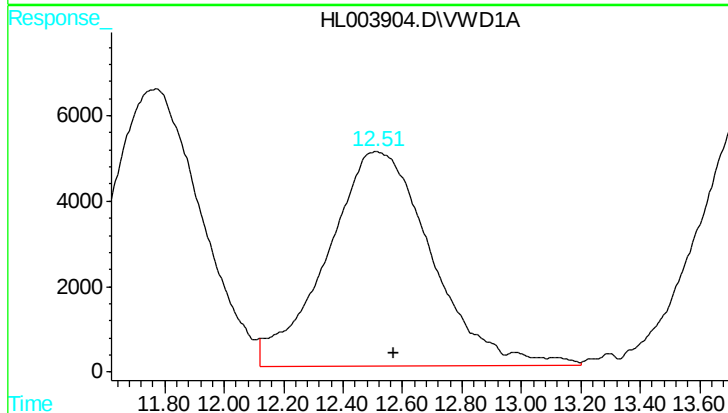
R.T.: 11.767 min  
Delta R.T.: -0.040 min  
Response: 1435068  
Conc: 216.68 ug/L



# #14 3-Nitrotoluene

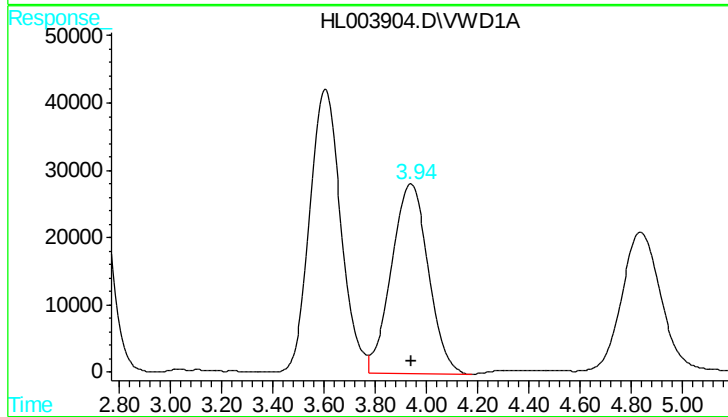
R.T.: 13.784 min  
Delta R.T.: -0.048 min  
Response: 1571995  
Conc: 221.04 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB67574BS1



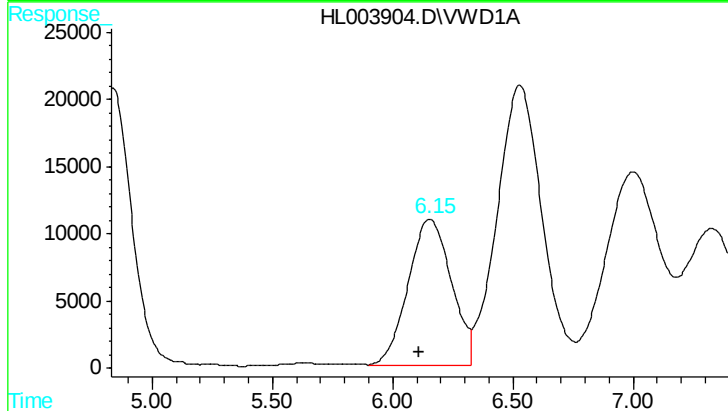
# #15 4-Nitrotoluene

R.T.: 12.511 min  
Delta R.T.: -0.059 min  
Response: 1227531  
Conc: 223.71 ug/L



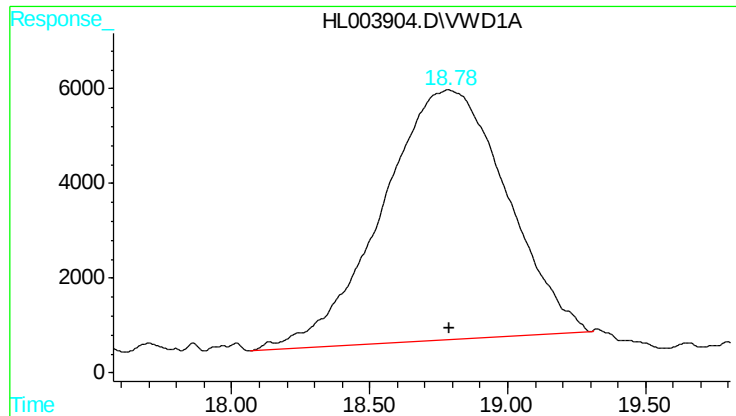
# #16 3,5-Dinitroaniline

R.T.: 3.939 min  
Delta R.T.: -0.003 min  
Response: 2817159  
Conc: 176.86 ug/L



# #17 Nitroglycerin

R.T.: 6.153 min  
Delta R.T.: 0.040 min  
Response: 1352694  
Conc: 24116.39 ug/L



#18 PETN

R.T.: 18.786 min  
Delta R.T.: -0.002 min  
Response: 1651457  
Conc: 179.99 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB67574BS1