

Data File : H:\VOL1\HPLC\HPLC L\121113\HL003728.D Vial: 22  
 Acq On : 13-Nov-2012, 15:43 Operator: HLM  
 Sample : PB66272BS1 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Nov 14 13:25 2012 Quant Results File: HL102412.RES

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 PB66272BS1

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL102412.M (Chemstation Integrator)  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Wed Nov 14 13:24:43 2012  
 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 | 1.31  | 1454221  | 340.271 ug/L       |
| Spiked Amount | 300.000        | Range | 37 - 149 | Recovery = 113.42% |

## Target Compounds

|       |                            |       |         |               |
|-------|----------------------------|-------|---------|---------------|
| 2) T  | HMX                        | 0.89  | 882572  | 223.875 ug/L  |
| 3) T  | RDX                        | 1.69  | 1242879 | 230.916 ug/L  |
| 4) T  | 1,3,5-Trinitrobenzene      | 2.63  | 2926431 | 246.679 ug/L  |
| 5) T  | Tetryl                     | 5.80  | 118785  | 13.949 ug/L   |
| 6) T  | 2,4,6-Trinitrotoluene      | 6.19  | 3051998 | 267.842 ug/L  |
| 7) T  | 2-Amino-4,6-dinitrotoluene | 6.62  | 2516898 | 232.149 ug/L  |
| 8) T  | 4-Amino-2,6-dinitrotoluene | 6.90  | 1777942 | 246.385 ug/L  |
| 9) T  | 2,4-Dinitrotoluene         | 7.74  | 4200786 | 263.074 ug/L  |
| 10) T | 2,6-Dinitrotoluene         | 8.07  | 1939805 | 225.065 ug/L  |
| 11) T | 1,3-Dinitrobenzene         | 3.47  | 3936857 | 237.940 ug/L  |
| 12) T | Nitrobenzene               | 4.65  | 2420748 | 226.192 ug/L  |
| 13) T | 2-Nitrotoluene             | 11.12 | 1578402 | 233.039 ug/L  |
| 14) T | 3-Nitrotoluene             | 13.02 | 1696061 | 235.370 ug/L  |
| 15) T | 4-Nitrotoluene             | 11.83 | 1304085 | 224.241 ug/L  |
| 16) T | 3,5-Dinitroaniline         | 3.77  | 3147998 | 200.495 ug/L  |
| 17) T | Nitroglycerin              | 5.80f | 118785  | 2061.680 ug/L |
| 18) T | PETN                       | 17.65 | 2239633 | 241.842 ug/L  |

Data File : H:\VOL1\HPLC\HPLC L\121113\HL003728.D

Vial: 22

Acq On : 13-Nov-2012, 15:43

Operator: HLM

Sample : PB66272BS1

Inst : G1314A

Misc :

Multiplr: 1.00

IntFile : events.e

Quant Time: Nov 14 13:25 2012 Quant Results File: HL102412.RES

Instrument :

HPLC\_L

ClientSampleId :

PB66272BS1

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL102412.M (Chemstation Integrator)

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

Last Update : Wed Nov 14 13:24:43 2012

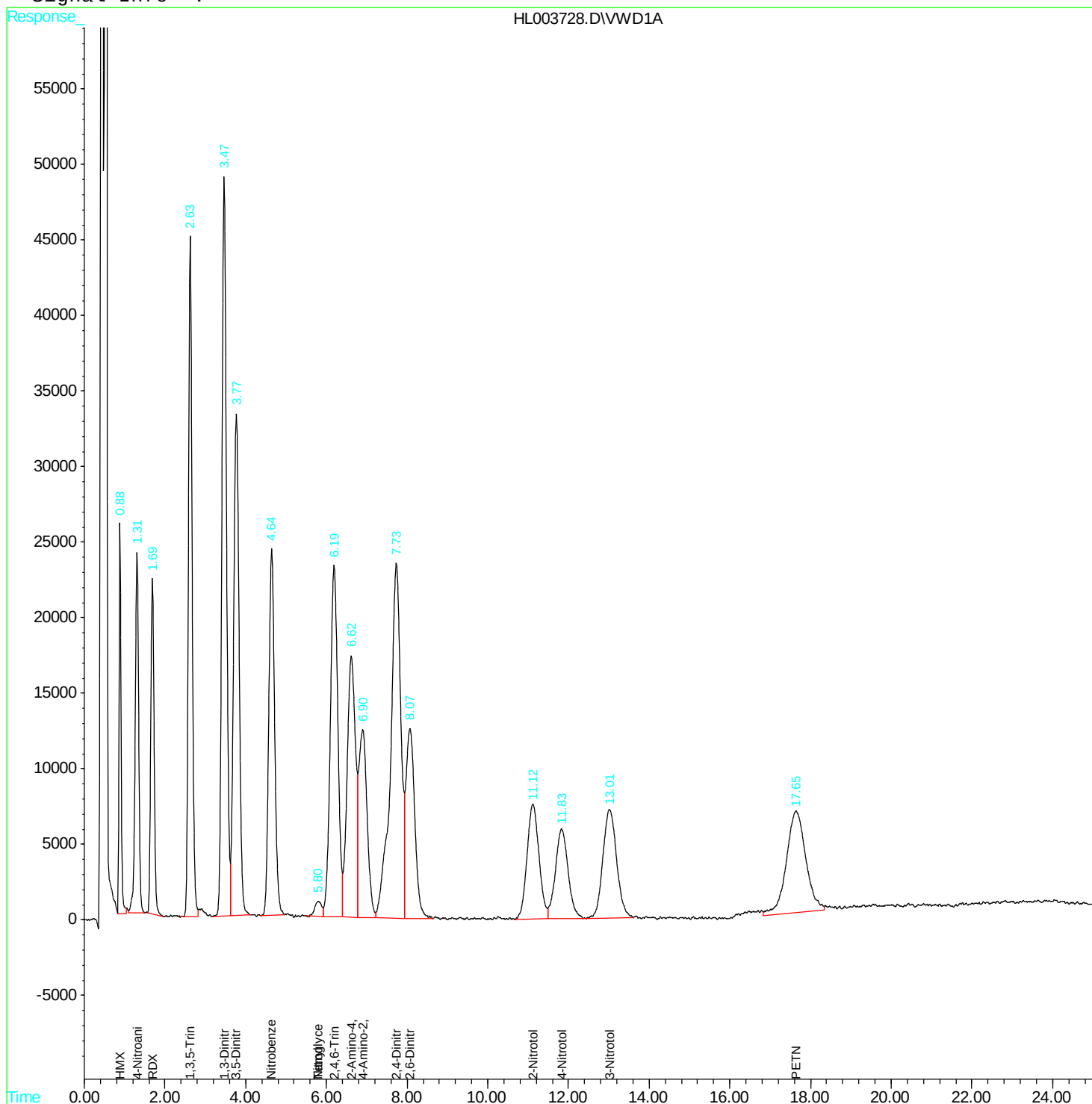
Response via : Multiple Level Calibration

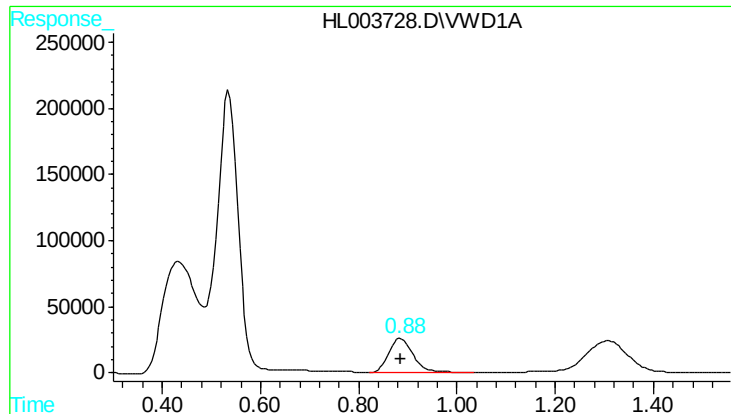
DataAcq Meth : 8330AGIP.M

Volume Inj. :

Signal Phase :

Signal Info :

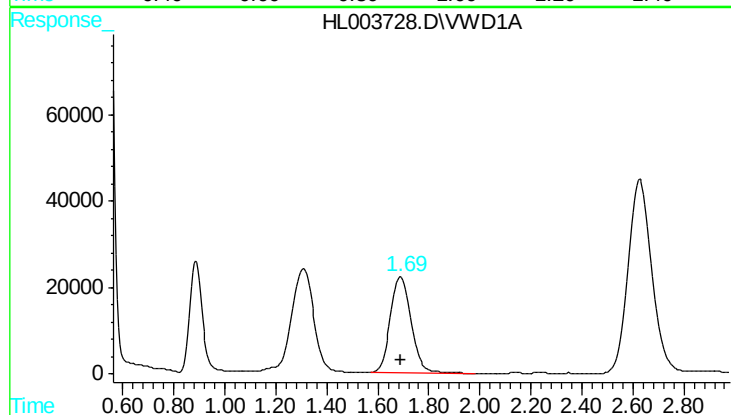




#2 HMX

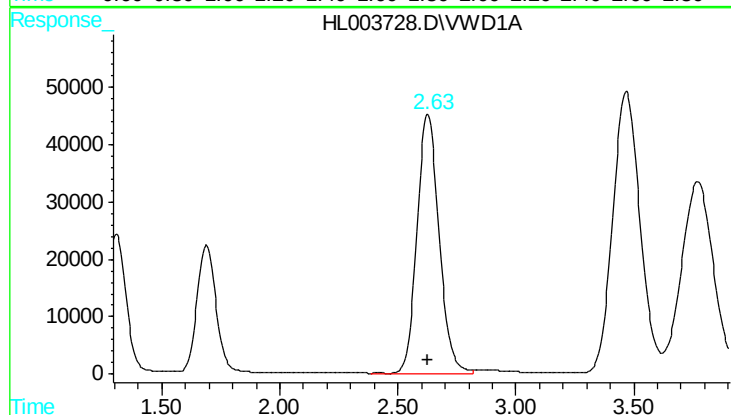
R.T.: 0.885 min  
Delta R.T.: 0.000 min  
Response: 882572  
Conc: 223.87 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB66272BS1



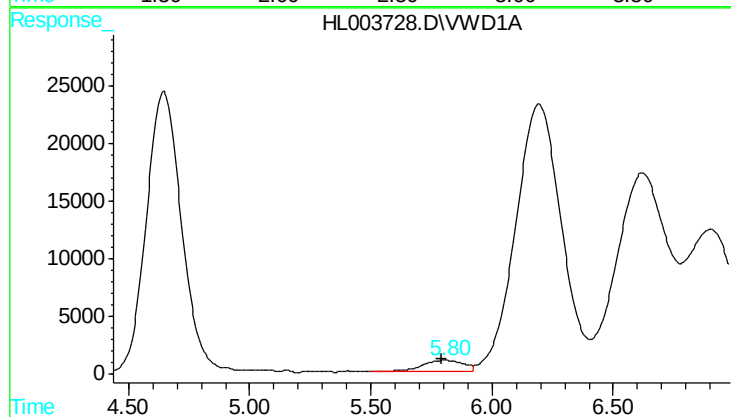
#3 RDX

R.T.: 1.690 min  
Delta R.T.: 0.001 min  
Response: 1242879  
Conc: 230.92 ug/L



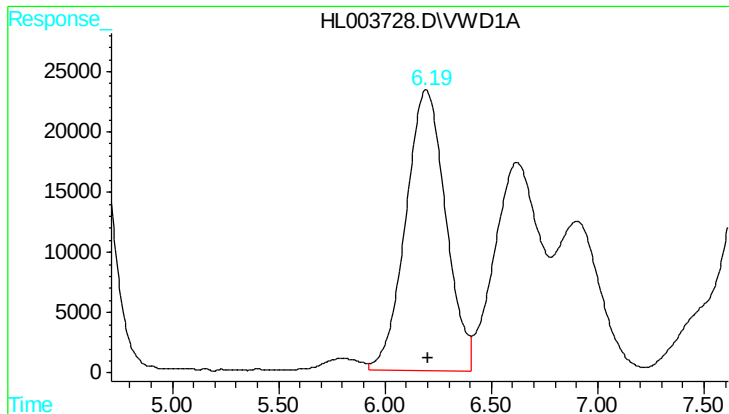
#4 1,3,5-Trinitrobenzene

R.T.: 2.627 min  
Delta R.T.: 0.002 min  
Response: 2926431  
Conc: 246.68 ug/L



#5 Tetryl

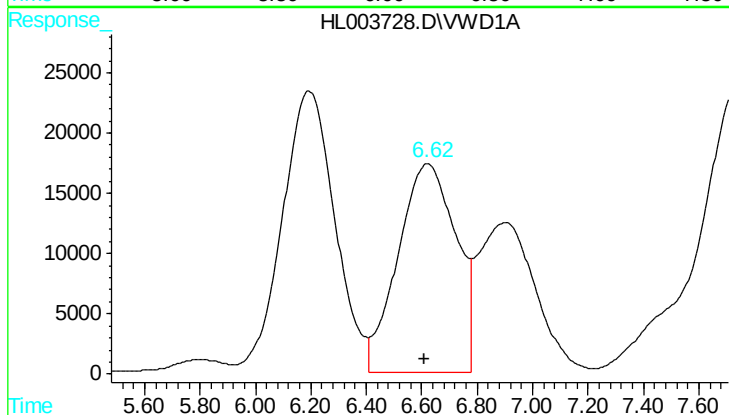
R.T.: 5.804 min  
Delta R.T.: 0.010 min  
Response: 118785  
Conc: 13.95 ug/L



#6 2,4,6-Trinitrotoluene

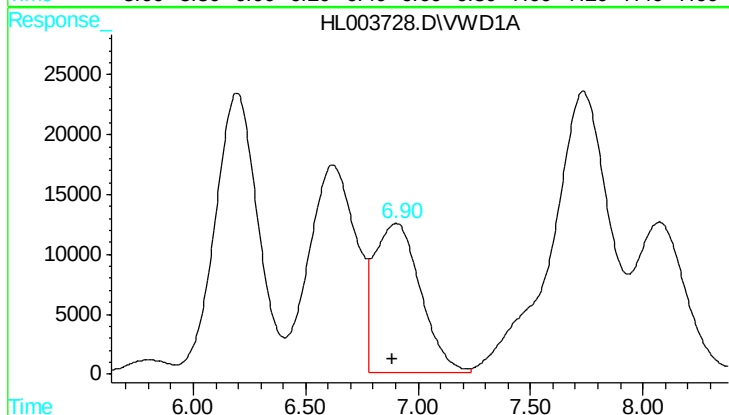
R.T.: 6.194 min  
Delta R.T.: -0.008 min  
Response: 3051998  
Conc: 267.84 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB66272BS1



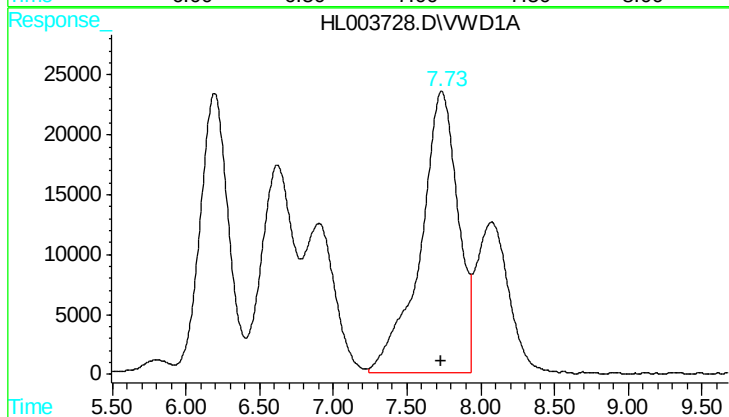
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.621 min  
Delta R.T.: 0.011 min  
Response: 2516898  
Conc: 232.15 ug/L



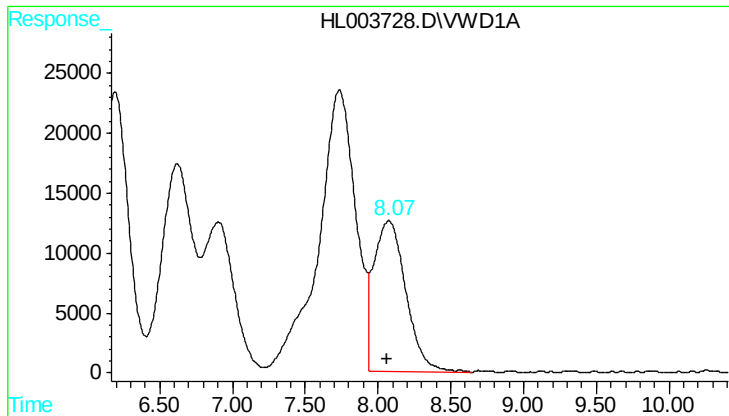
#8 4-Amino-2,6-dinitrotoluene

R.T.: 6.902 min  
Delta R.T.: 0.015 min  
Response: 1777942  
Conc: 246.39 ug/L



#9 2,4-Dinitrotoluene

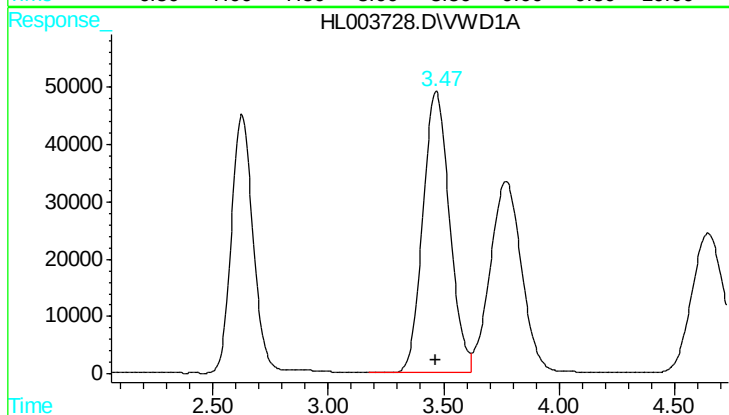
R.T.: 7.735 min  
Delta R.T.: 0.007 min  
Response: 4200786  
Conc: 263.07 ug/L



#10 2,6-Dinitrotoluene

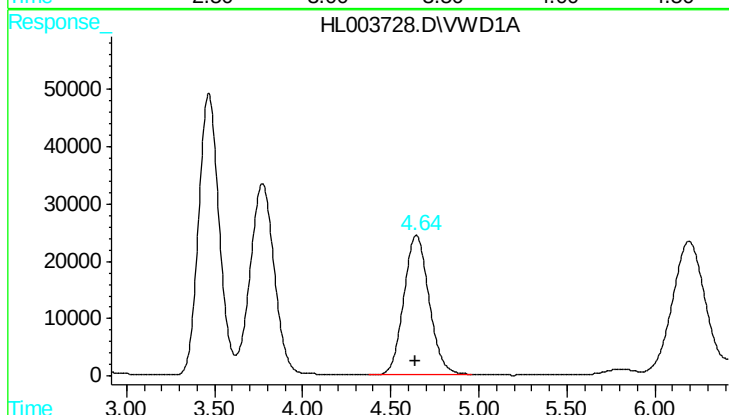
R.T.: 8.074 min  
Delta R.T.: 0.010 min  
Response: 1939805  
Conc: 225.07 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB66272BS1



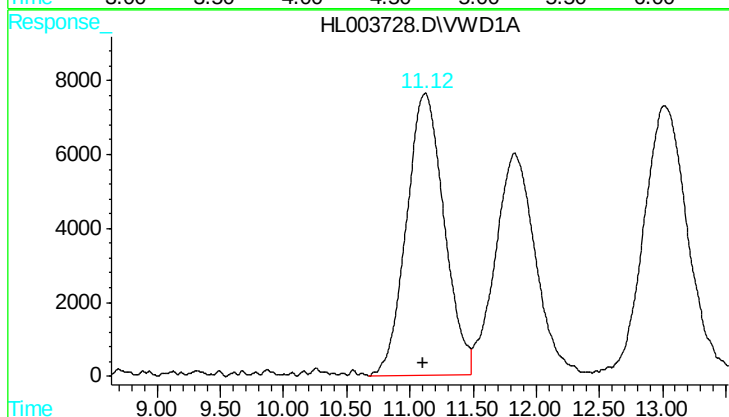
#11 1,3-Dinitrobenzene

R.T.: 3.468 min  
Delta R.T.: 0.003 min  
Response: 3936857  
Conc: 237.94 ug/L



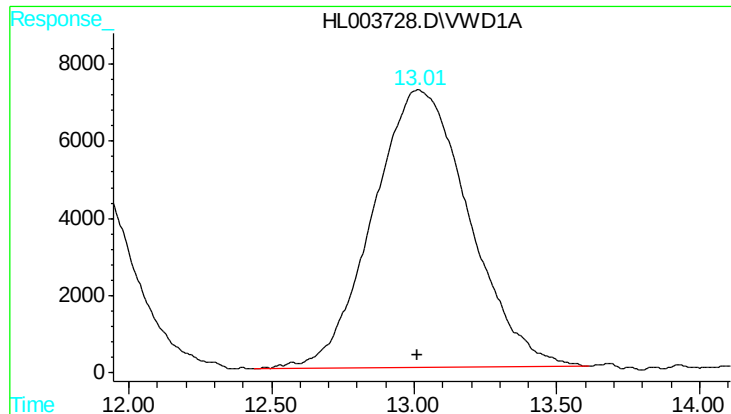
#12 Nitrobenzene

R.T.: 4.646 min  
Delta R.T.: 0.005 min  
Response: 2420748  
Conc: 226.19 ug/L



#13 2-Nitrotoluene

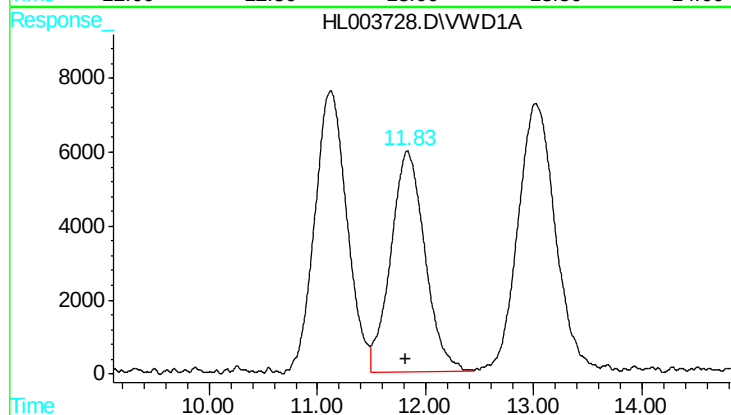
R.T.: 11.120 min  
Delta R.T.: 0.011 min  
Response: 1578402  
Conc: 233.04 ug/L



#14 3-Nitrotoluene

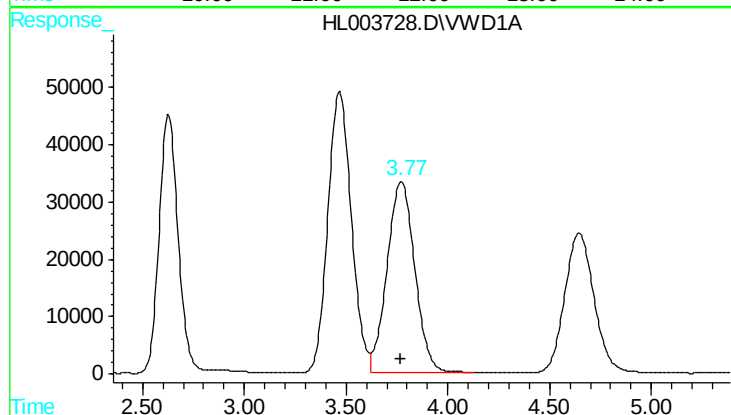
R.T.: 13.015 min  
Delta R.T.: 0.004 min  
Response: 1696061  
Conc: 235.37 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB66272BS1



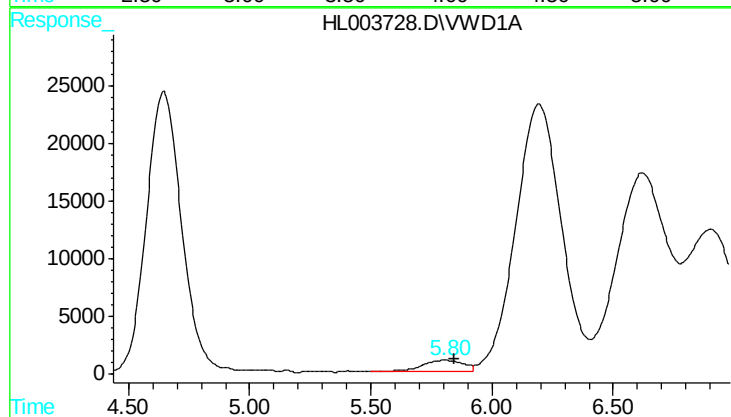
#15 4-Nitrotoluene

R.T.: 11.829 min  
Delta R.T.: 0.012 min  
Response: 1304085  
Conc: 224.24 ug/L



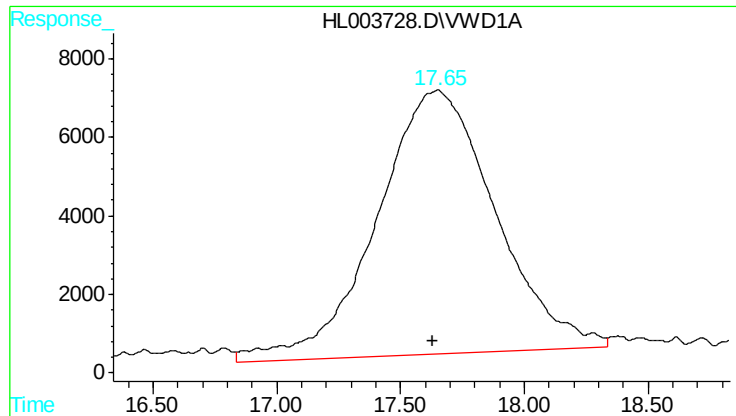
#16 3,5-Dinitroaniline

R.T.: 3.771 min  
Delta R.T.: 0.003 min  
Response: 3147998  
Conc: 200.50 ug/L



#17 Nitroglycerin

R.T.: 5.804 min  
Delta R.T.: -0.039 min  
Response: 118785  
Conc: 2061.68 ug/L



#18 PETN

R.T.: 17.648 min  
Delta R.T.: 0.020 min  
Response: 2239633  
Conc: 241.84 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
PB66272BS1