

Data File : H:\VOL1\HPLC\HPLC L\120821\HL003404.D Vial: 22  
 Acq On : 21-Aug-2012, 13:11 Operator: HLM  
 Sample : PB65098BS1 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Aug 23 16:29 2012 Quant Results File: HL080312.RES

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL080312.M (Chemstation Integrator)  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Thu Aug 23 16:30:31 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 | 1.37     | 680827 | 185.632 ug/L |
| Spiked Amount 300.000 Range 37 - 149 |                | Recovery | =      | 61.88%       |

## Target Compounds

|       |                            |       |         |              |
|-------|----------------------------|-------|---------|--------------|
| 2) T  | HMX                        | 0.92  | 640410  | 157.552 ug/L |
| 3) T  | RDX                        | 1.77  | 765663  | 149.981 ug/L |
| 4) T  | 1,3,5-Trinitrobenzene      | 2.77  | 1720810 | 142.018 ug/L |
| 5) T  | Tetryl                     | 6.31  | 535537  | 61.996 ug/L  |
| 6) T  | 2,4,6-Trinitrotoluene      | 6.70  | 1925095 | 175.203 ug/L |
| 7) T  | 2-Amino-4,6-dinitrotoluene | 7.14  | 1546786 | 152.285 ug/L |
| 8) T  | 4-Amino-2,6-dinitrotoluene | 7.49  | 1145301 | 160.331 ug/L |
| 9) T  | 2,4-Dinitrotoluene         | 8.36  | 2271288 | 150.538 ug/L |
| 10) T | 2,6-Dinitrotoluene         | 8.75  | 1232762 | 145.408 ug/L |
| 11) T | 1,3-Dinitrobenzene         | 3.68  | 2412384 | 149.975 ug/L |
| 12) T | Nitrobenzene               | 4.95  | 1671469 | 159.465 ug/L |
| 13) T | 2-Nitrotoluene             | 12.09 | 938087  | 142.026 ug/L |
| 14) T | 3-Nitrotoluene             | 14.16 | 969572  | 139.068 ug/L |
| 15) T | 4-Nitrotoluene             | 12.86 | 805481  | 146.292 ug/L |
| 16) T | 3,5-Dinitroaniline         | 4.01  | 2138733 | 153.921 ug/L |
| 18) T | PETN                       | 19.27 | 1137598 | 115.958 ug/L |

## Quantitation Report

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Inst : G1314A

Misc :

Multiplr: 1.00

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Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL080312.M (Chemstation Integrator)

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

Last Update : Thu Aug 23 16:30:31 2012

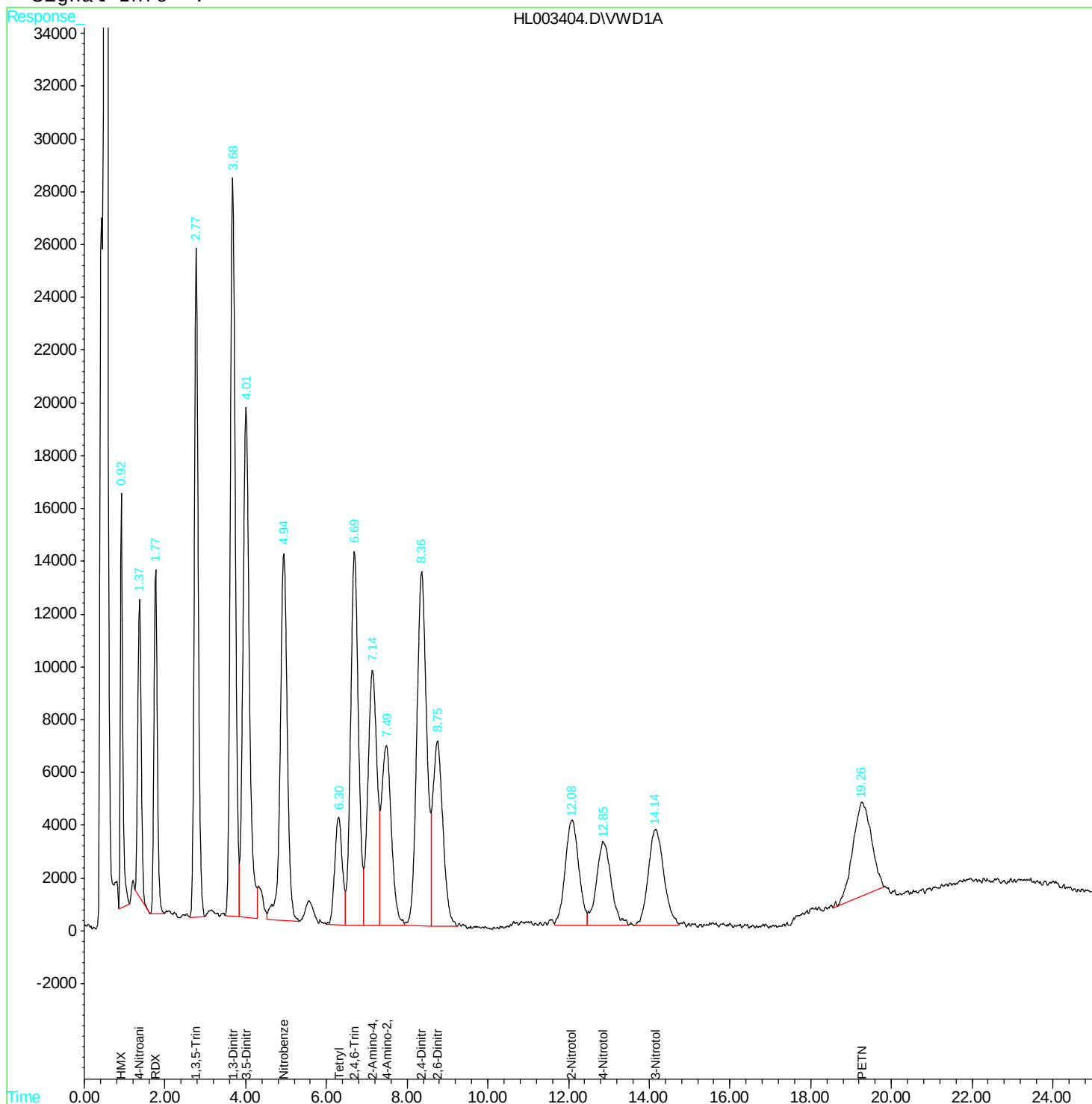
Response via : Multiple Level Calibration

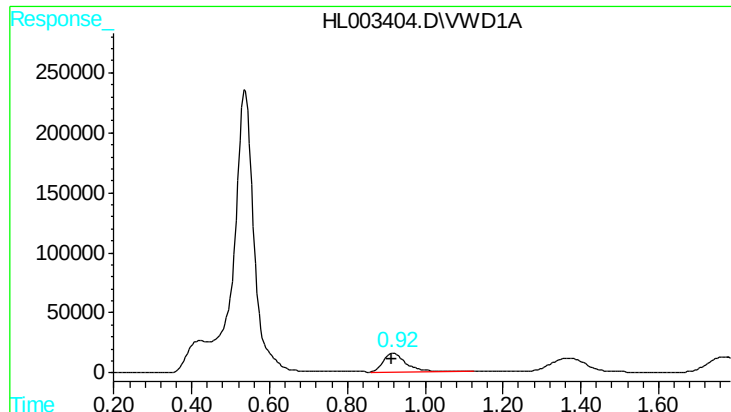
DataAcq Meth : 8330AGIP.M

Volume Inj. :

Signal Phase :

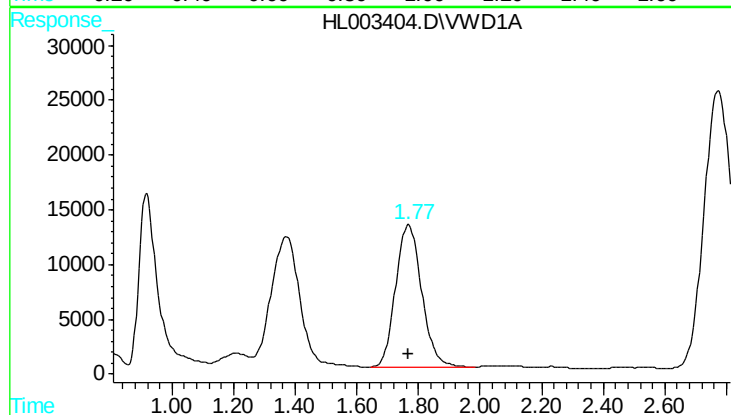
Signal Info :





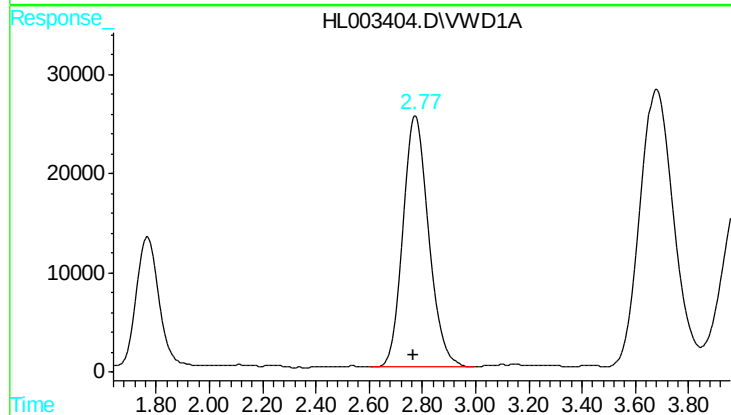
#2 HMX

R.T.: 0.918 min  
Delta R.T.: 0.004 min  
Response: 640410  
Conc: 157.55 ug/L



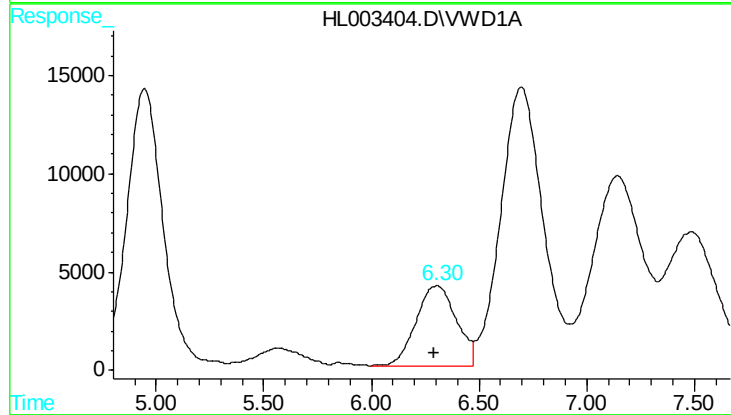
#3 RDX

R.T.: 1.769 min  
Delta R.T.: 0.002 min  
Response: 765663  
Conc: 149.98 ug/L



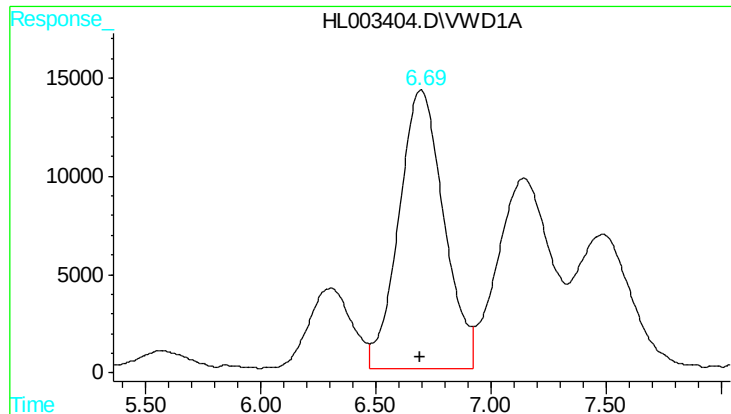
#4 1,3,5-Trinitrobenzene

R.T.: 2.774 min  
Delta R.T.: 0.004 min  
Response: 1720810  
Conc: 142.02 ug/L



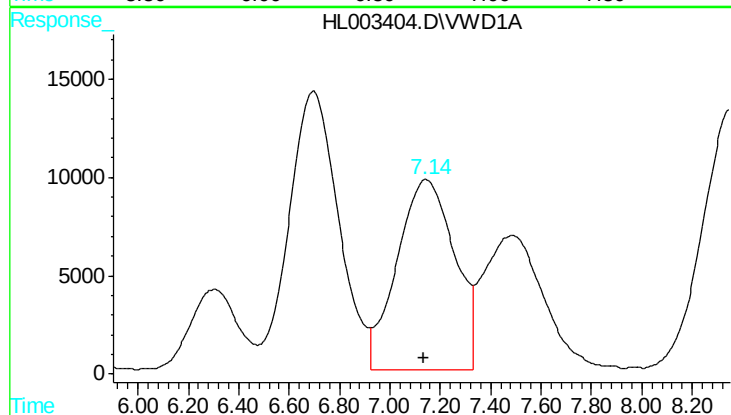
#5 Tetryl

R.T.: 6.305 min  
Delta R.T.: 0.011 min  
Response: 535537  
Conc: 62.00 ug/L



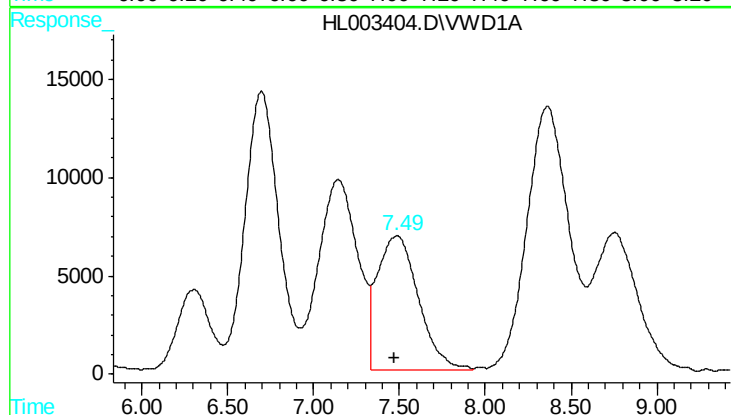
#6 2,4,6-Trinitrotoluene

R.T.: 6.696 min  
Delta R.T.: 0.006 min  
Response: 1925095  
Conc: 175.20 ug/L



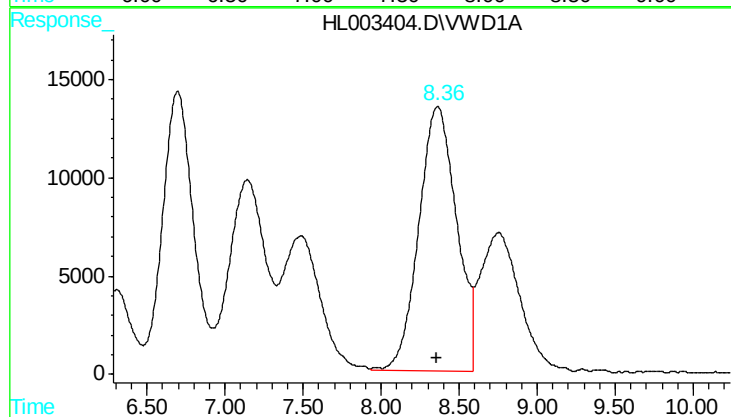
#7 2-Amino-4,6-dinitrotoluene

R.T.: 7.143 min  
Delta R.T.: 0.009 min  
Response: 1546786  
Conc: 152.28 ug/L



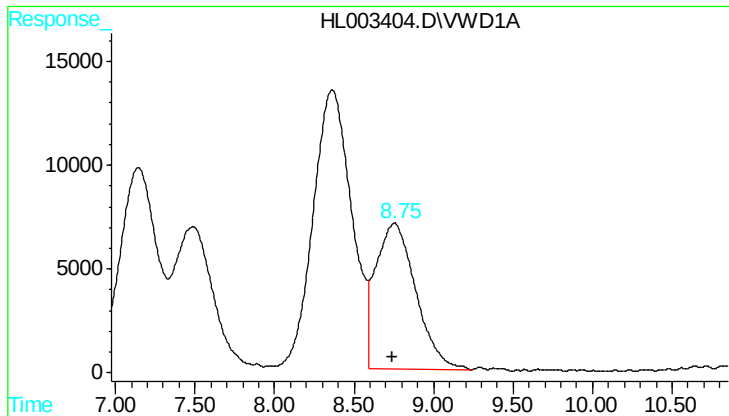
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.486 min  
Delta R.T.: 0.012 min  
Response: 1145301  
Conc: 160.33 ug/L



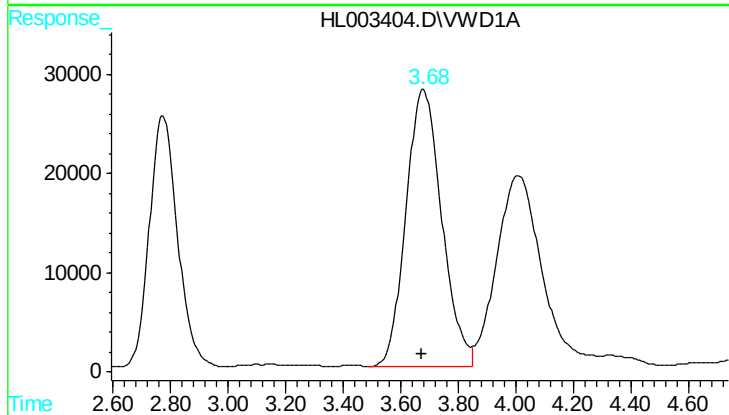
#9 2,4-Dinitrotoluene

R.T.: 8.362 min  
Delta R.T.: 0.008 min  
Response: 2271288  
Conc: 150.54 ug/L



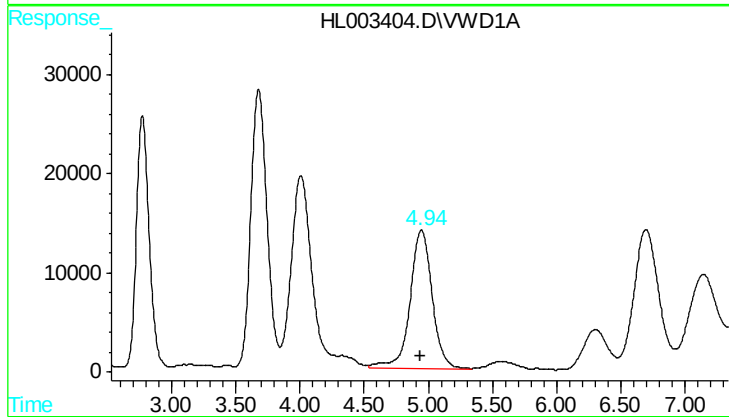
#10 2,6-Dinitrotoluene

R.T.: 8.753 min  
Delta R.T.: 0.009 min  
Response: 1232762  
Conc: 145.41 ug/L



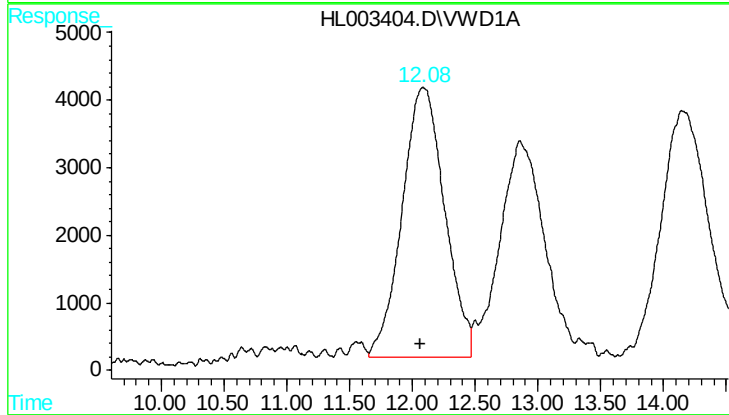
#11 1,3-Dinitrobenzene

R.T.: 3.679 min  
Delta R.T.: 0.005 min  
Response: 2412384  
Conc: 149.98 ug/L



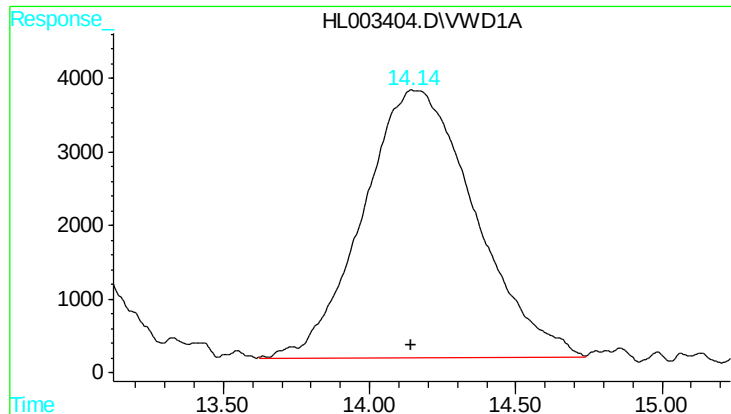
#12 Nitrobenzene

R.T.: 4.946 min  
Delta R.T.: 0.004 min  
Response: 1671469  
Conc: 159.47 ug/L



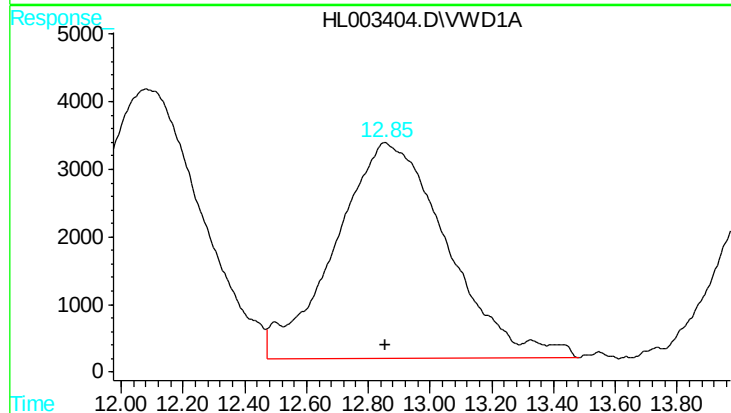
#13 2-Nitrotoluene

R.T.: 12.086 min  
Delta R.T.: 0.017 min  
Response: 938087  
Conc: 142.03 ug/L



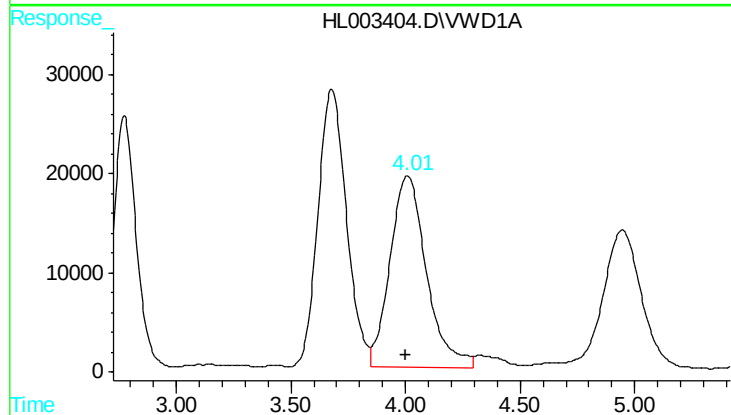
#### #14 3-Nitrotoluene

R.T.: 14.156 min  
 Delta R.T.: 0.014 min  
 Response: 969572  
 Conc: 139.07 ug/L



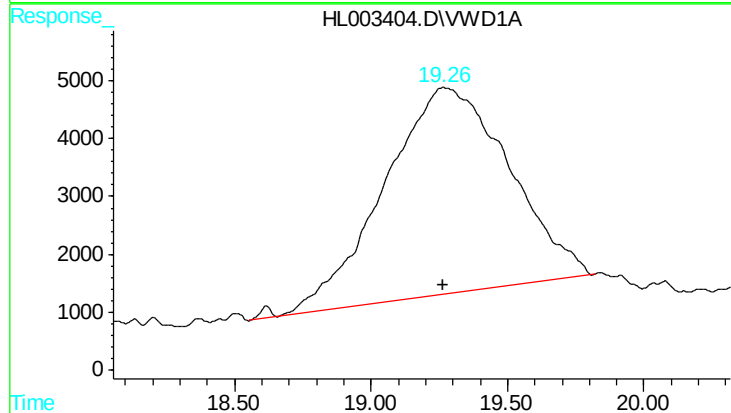
#### #15 4-Nitrotoluene

R.T.: 12.858 min  
 Delta R.T.: 0.002 min  
 Response: 805481  
 Conc: 146.29 ug/L



#### #16 3,5-Dinitroaniline

R.T.: 4.008 min  
 Delta R.T.: 0.007 min  
 Response: 2138733  
 Conc: 153.92 ug/L



#### #18 PETN

R.T.: 19.272 min  
 Delta R.T.: 0.006 min  
 Response: 1137598  
 Conc: 115.96 ug/L