

Data File : H:\VOL1\HPLC\HPLC L\120919\HL003477.D Vial: 24  
 Acq On : 19-Sep-2012, 21:03 Operator: HLM  
 Sample : DOC S PH-3 Inst : G1314A  
 Misc : Multiplr: 1.00  
 IntFile : events.e  
 Quant Time: Sep 20 8:36 2012 Quant Results File: HL091912.RES

Instrument :  
 HPLC\_L  
 ClientSampleId :  
 DOC\_S\_PH-3

Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL091912.M (Chemstation In  
 Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
 Last Update : Thu Sep 20 08:25:48 2012  
 Response via : Initial Calibration  
 DataAcq Meth : 8330AGIP.M

Manual Integrations  
 APPROVED

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Volume Inj. :  
 Signal Phase :  
 Signal Info :

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

#### System Monitoring Compounds

|                       |                |                |          |              |
|-----------------------|----------------|----------------|----------|--------------|
| 1) S                  | 4-Nitroaniline | 1.34           | 747206   | 201.105 ug/L |
| Spiked Amount 300.000 |                | Range 37 - 149 | Recovery | = 67.04%     |

#### Target Compounds

|       |                            |       |         |                |
|-------|----------------------------|-------|---------|----------------|
| 2) T  | HMX                        | 0.90  | 469501  | 120.018 ug/L   |
| 3) T  | RDX                        | 1.72  | 676835  | 130.156 ug/L   |
| 4) T  | 1,3,5-Trinitrobenzene      | 2.69  | 1562096 | 128.670 ug/L   |
| 5) T  | Tetryl                     | 6.01  | 743142  | 87.070 ug/L    |
| 6) T  | 2,4,6-Trinitrotoluene      | 6.41  | 1747765 | 155.109 ug/L   |
| 7) T  | 2-Amino-4,6-dinitrotoluene | 6.84  | 1382980 | 127.047 ug/L   |
| 8) T  | 4-Amino-2,6-dinitrotoluene | 7.15  | 978588  | 141.608 ug/L   |
| 9) T  | 2,4-Dinitrotoluene         | 8.00  | 1931932 | 127.991 ug/L   |
| 10) T | 2,6-Dinitrotoluene         | 8.36  | 1077847 | 123.831 ug/L   |
| 11) T | 1,3-Dinitrobenzene         | 3.56  | 2134743 | 134.747 ug/L   |
| 12) T | Nitrobenzene               | 4.77  | 1340443 | 130.375 ug/L   |
| 13) T | 2-Nitrotoluene             | 11.54 | 880989  | 133.592 ug/L   |
| 14) T | 3-Nitrotoluene             | 13.51 | 942344  | 133.246 ug/L   |
| 15) T | 4-Nitrotoluene             | 12.26 | 698959  | 126.627 ug/L   |
| 16) T | 3,5-Dinitroaniline         | 3.87  | 1733372 | 113.337 ug/L   |
| 17) T | Nitroglycerin              | 6.01  | 743142  | 13085.658 ug/L |
| 18) T | PETN                       | 18.36 | 1301832 | 134.555 ug/L   |

## Quantitation Report

Data File : H:\VOL1\HPLC\HPLC L\120919\HL003477.D Vial: 24  
Acq On : 19-Sep-2012, 21:03 Operator: HLM  
Sample : DOC S PH-3 Inst : G1314A  
Misc : Multiplr: 1.00  
IntFile : events.e  
Quant Time: Sep 20 8:36 2012 Quant Results File: HL091912.RES

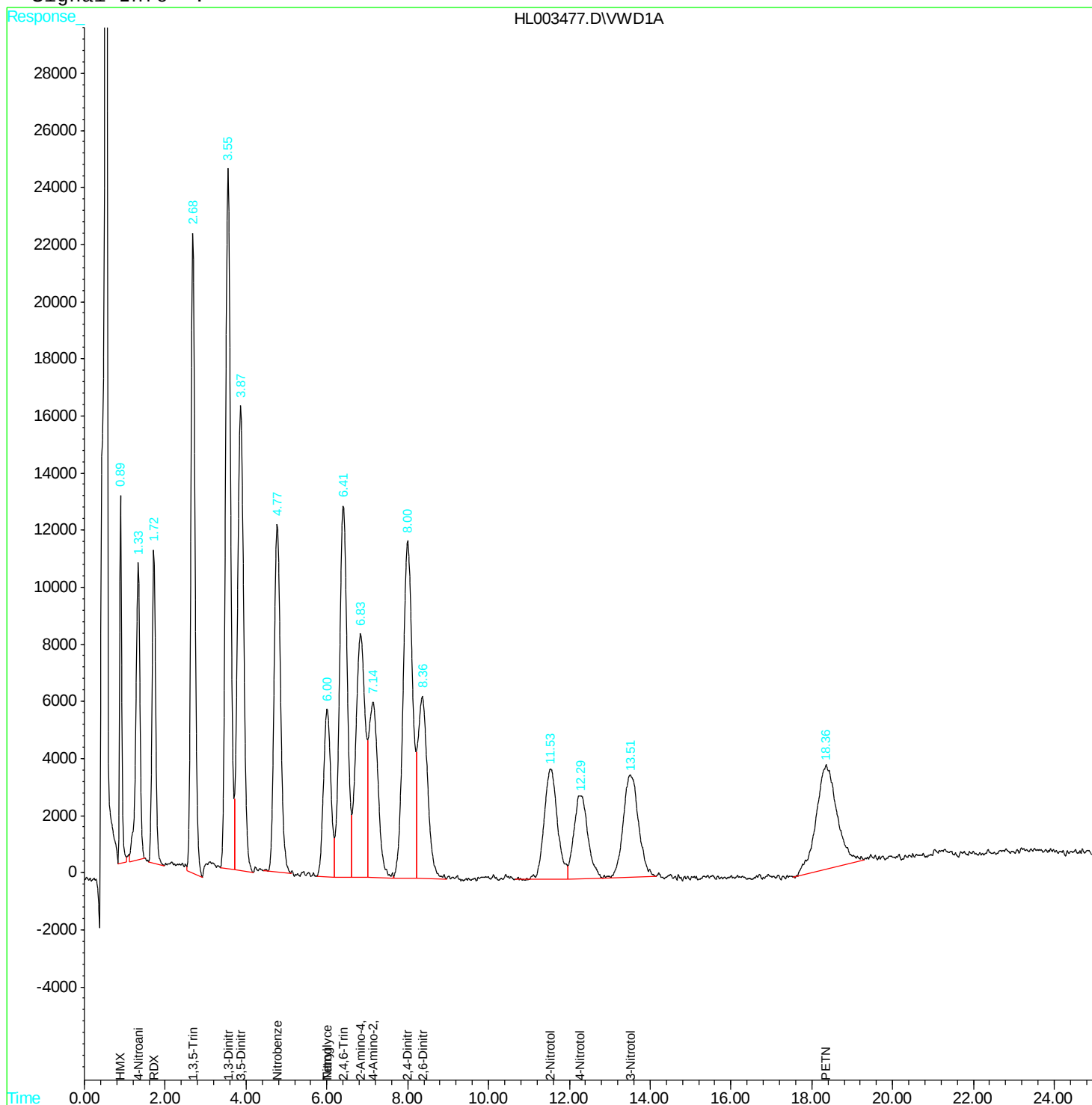
Instrument :  
HPLC\_L  
ClientSampleId :  
DOC\_S\_PH-3

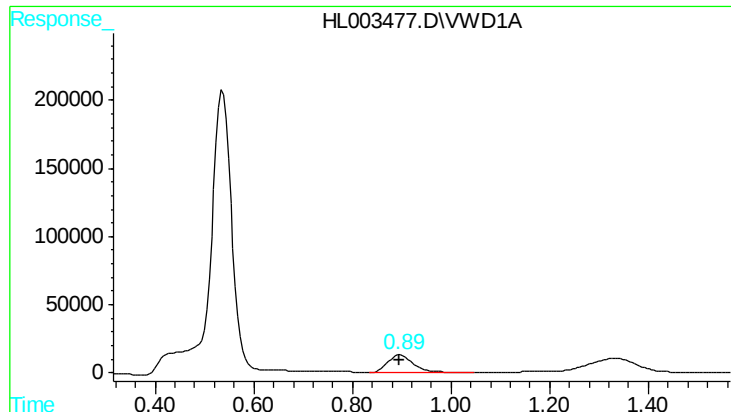
Quant Method : H:\VOL1\HPLC\HPLC L\METHODS\HL091912.M (Chemstation In  
Title : SW8330A/B Primary (Extend C18 3.5u 4.6x10mm)  
Last Update : Thu Sep 20 08:25:48 2012  
Response via : Multiple Level Calibration  
DataAcq Meth : 8330AGIP.M

Manual Integrations  
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Volume Inj. :  
Signal Phase :  
Signal Info :





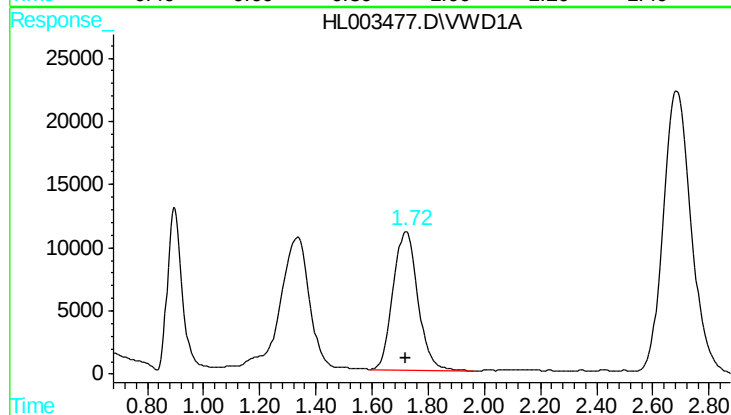
#2 HMX

R.T.: 0.896 min  
Delta R.T.: 0.000 min  
Response: 469501  
Conc: 120.02 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
DOC\_S\_PH-3

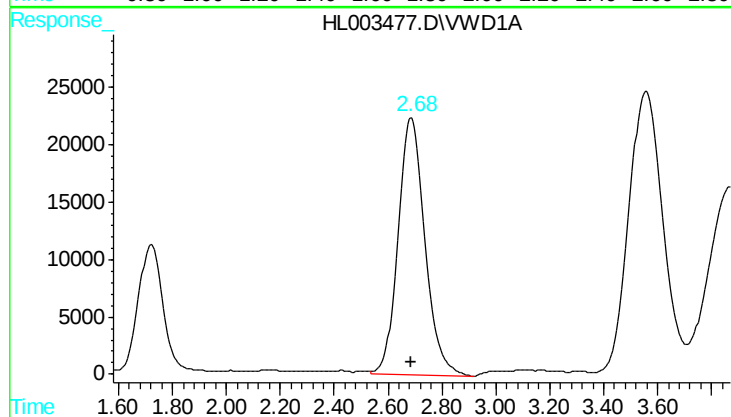
Manual Integrations  
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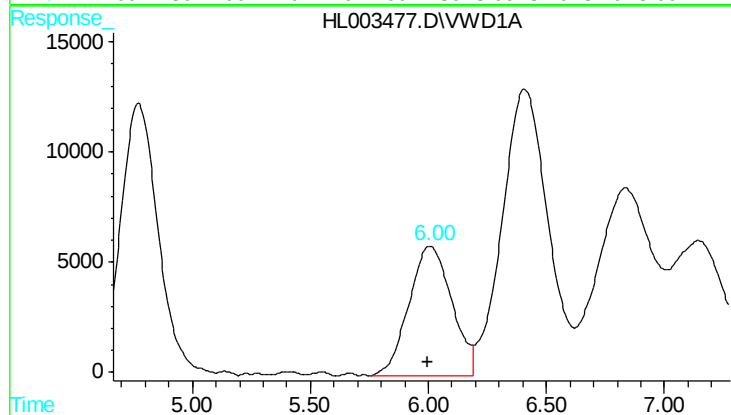
#3 RDX

R.T.: 1.721 min  
Delta R.T.: 0.000 min  
Response: 676835  
Conc: 130.16 ug/L



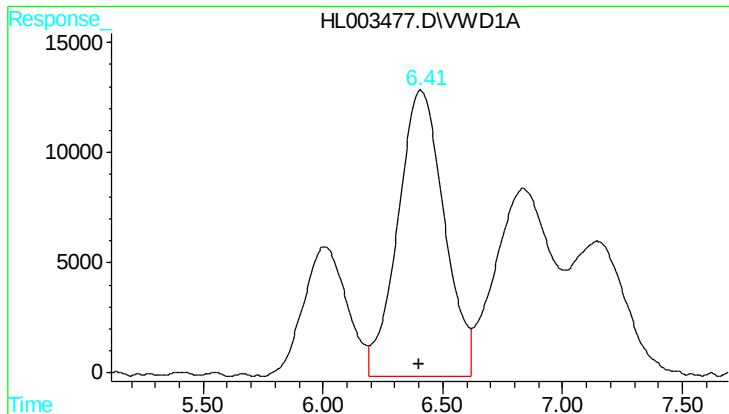
#4 1,3,5-Trinitrobenzene

R.T.: 2.685 min  
Delta R.T.: 0.002 min  
Response: 1562096  
Conc: 128.67 ug/L



#5 Tetryl

R.T.: 6.006 min  
Delta R.T.: 0.008 min  
Response: 743142  
Conc: 87.07 ug/L



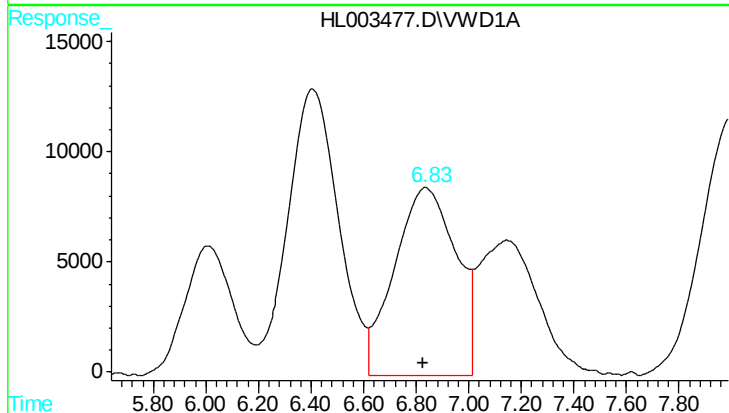
#6 2,4,6-Trinitrotoluene

R.T.: 6.409 min  
Delta R.T.: 0.005 min  
Response: 1747765  
Conc: 155.11 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
DOC\_S\_PH-3

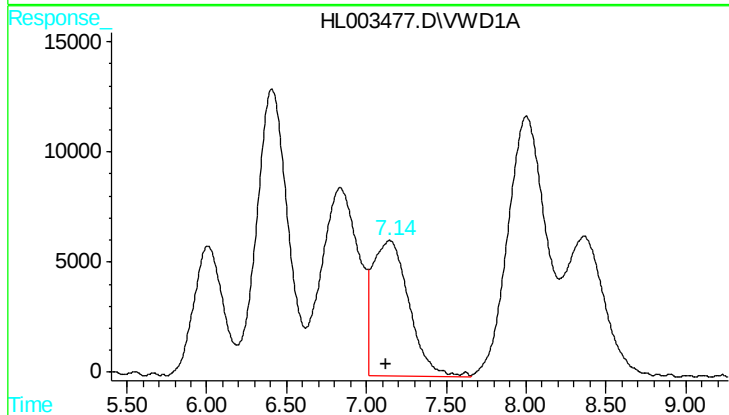
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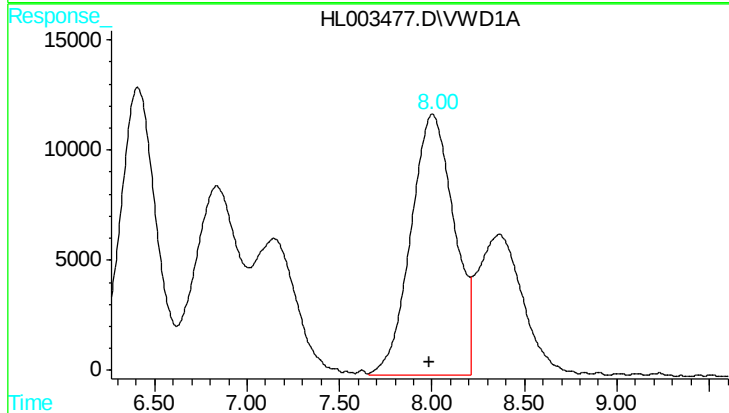
#7 2-Amino-4,6-dinitrotoluene

R.T.: 6.836 min  
Delta R.T.: 0.010 min  
Response: 1382980  
Conc: 127.05 ug/L



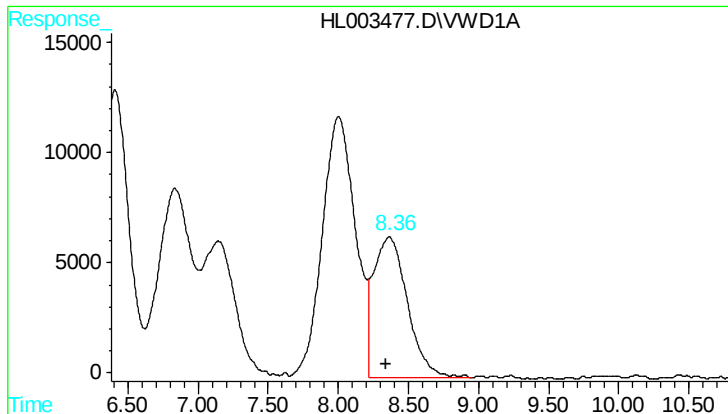
#8 4-Amino-2,6-dinitrotoluene

R.T.: 7.145 min  
Delta R.T.: 0.020 min  
Response: 978588  
Conc: 141.61 ug/L



#9 2,4-Dinitrotoluene

R.T.: 8.002 min  
Delta R.T.: 0.014 min  
Response: 1931932  
Conc: 127.99 ug/L



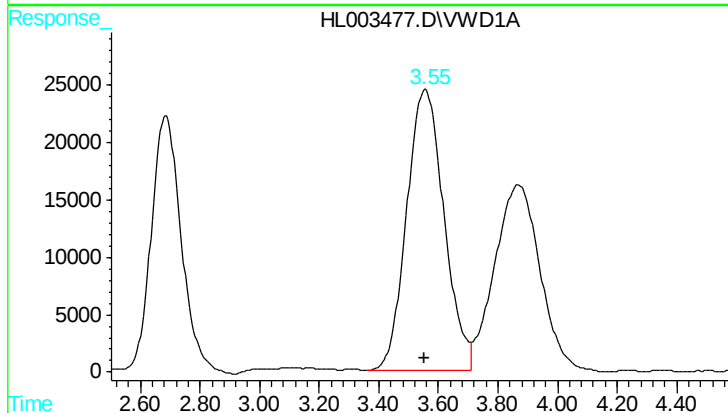
# #10 2,6-Dinitrotoluene

R.T.: 8.364 min  
Delta R.T.: 0.021 min  
Response: 1077847  
Conc: 123.83 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
DOC\_S\_PH-3

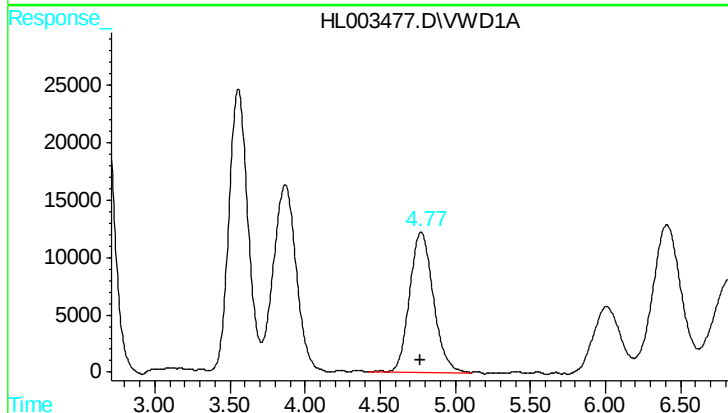
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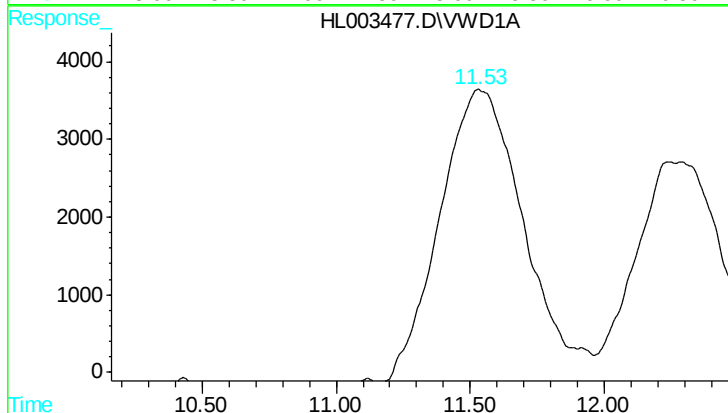
# #11 1,3-Dinitrobenzene

R.T.: 3.556 min  
Delta R.T.: 0.003 min  
Response: 2134743  
Conc: 134.75 ug/L



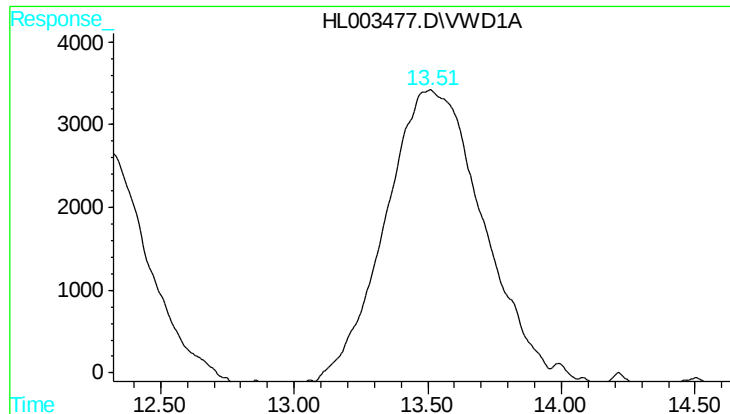
# #12 Nitrobenzene

R.T.: 4.772 min  
Delta R.T.: 0.004 min  
Response: 1340443  
Conc: 130.38 ug/L



# #13 2-Nitrotoluene

R.T.: 11.538 min  
Delta R.T.: 0.031 min  
Response: 880989  
Conc: 133.59 ug/L



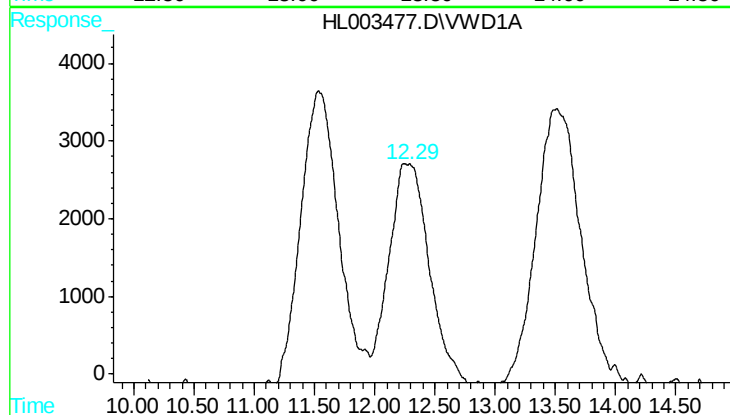
#### #14 3-Nitrotoluene

R.T.: 13.505 min  
Delta R.T.: 0.024 min  
Response: 942344  
Conc: 133.25 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
DOC\_S\_PH-3

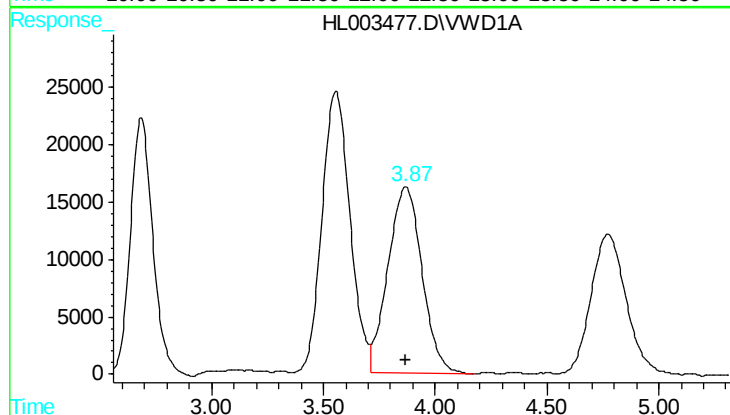
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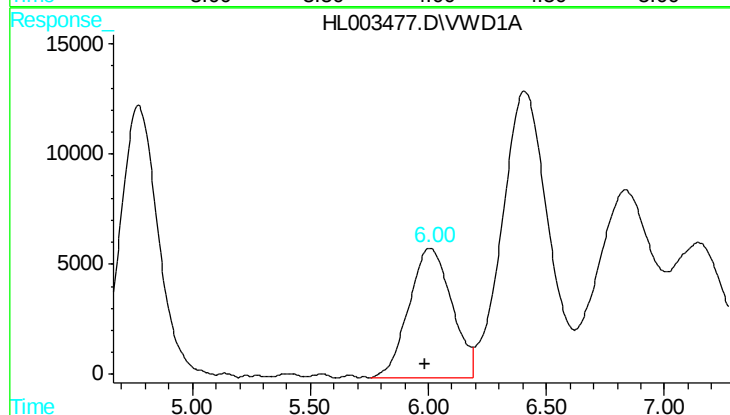
#### #15 4-Nitrotoluene

R.T.: 12.257 min  
Delta R.T.: 0.007 min  
Response: 698959  
Conc: 126.63 ug/L



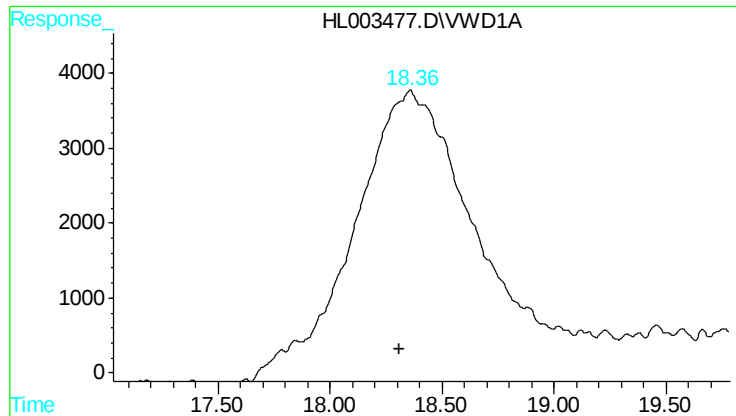
#### #16 3,5-Dinitroaniline

R.T.: 3.869 min  
Delta R.T.: 0.002 min  
Response: 1733372  
Conc: 113.34 ug/L



#### #17 Nitroglycerin

R.T.: 6.006 min  
Delta R.T.: 0.020 min  
Response: 743142  
Conc: 13085.66 ug/L



#18 PETN

R.T.: 18.358 min  
Delta R.T.: 0.045 min  
Response: 1301832  
Conc: 134.56 ug/L

Instrument :  
HPLC\_L  
ClientSampleId :  
DOC\_S\_PH-3

Manual Integrations  
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