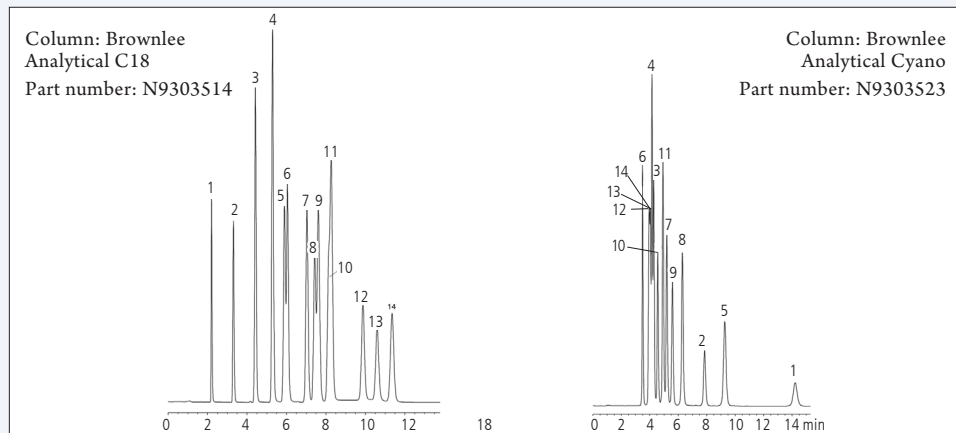




# EXPLOSIVES

## HPLC

### Environmental: Explosives on Brownlee Analytical C18



#### Peak List

1. HMX
2. RDX
3. 1,3,5-trinitrobenzene
4. 1,3-dinitrobenzene
5. tetryl
6. nitrobenzene
7. 2,4,6-trinitrotoluene
8. 2-amino-4, 6-dinitrotoluene
9. 4-amino-2, 6-dinitrotoluene
10. 2,6-dinitrotoluene
11. 2,4-dinitrotoluene
12. 2-nitrotoluene
13. 4-nitrotoluene
14. 3-nitrotoluene

#### Column

Column name:	Brownlee Analytical C18
Part number:	N9303513
Dimensions:	250 x 4.6 mm
Particle size:	5 µm
Pore size:	110Å

#### Conditions

Mobile phase:	water:methanol (50:50 v/v)
Flow:	1.5 mL/min
Temperature:	27 °C
Detector:	UV @ 254 nm

#### Sample

Injection volume:	3 µL
Concentration:	500 µg/mL each component
Solvent:	acetonitrile

#### Notes

Recommended Guard Cartridge	N9303677, N9303681
Recommended Guard Holder	N9303713

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