

## Nitrogen Based Solvents

**Column:** DB-PS624  
30 m x 0.53 mm I.D., 3.0  $\mu$ m  
**J&W P/N:** 145-1334  
**Carrier:** Helium at 30 cm/sec,  
measured at 40°C  
**Oven:** 40°C for 5 min  
40-260°C at 10°/min  
260°C for 3 min  
**Injector:** Split 1:10, 250°C  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

1. Acetonitrile
2. Acrolein
3. Acrylonitrile
4. Propionitrile
5. Methacrolein
6. Methacrylonitrile
7. Triethylamine
8. Ethyl acrylate
9. Pyridine
10. DMF (dimethylformamide)
11. DMSO (dimethyl sulfoxide)
12. Benzonitrile
13. 1-Methyl-2-pyrrolidinone

