

## Narcotics and Adulterants

**Column:** DB-5  
30 m x 0.32 mm I.D., 0.25  $\mu$ m  
**J&W P/N:** 123-5032  
**Carrier:** Helium at 40 cm/sec, measured at 140°C  
**Oven:** 140-320°C at 12°/min  
320°C for 4 min  
**Injector:** Split 1:75, 250°C  
1  $\mu$ L of 0.5  $\mu$ g/ $\mu$ L each in methanol  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

1. Caffeine
2. Ketamine
3. Lidocaine
4. Procaine
5. Cocaine
6. Codeine
7. Morphine
8. 6-Acetylcodeine
9. Diacetylmorphine (Heroin)
10. Quinine
11. Strychnine

