

## Amphetamines and Metabolites - TMS Derivatives

**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 55°C  
**Oven:** 55°C for 1 min  
55-120°C at 30°/min  
120-260°C at 15°/min  
**Injector:** Splitless, 250°C  
30 sec purge activation time  
1  $\mu$ L of 0.15  $\mu$ g/ $\mu$ L each in chloroform  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

1. Benzoic acid
2. Amphetamine
3. Methamphetamine
4. Phenylpropanolamine
5. 4-Hydroxyamphetamine
6. *p*-Hydroxynorephedrine
7. Hippuric acid
8. Benzphetamine

