

## Over-the-Counter Pain Killers - TMS Derivatives

**Column:** DB-5  
20 m x 0.18 mm I.D., 0.4  $\mu$ m  
**J&W P/N:** 121-5023  
**Carrier:** Helium at 39 cm/sec, measured at 100°C  
**Oven:** 100-240°C at 10°/min  
**Injector:** Split 1:100, 250°C  
1  $\mu$ L of 2  $\mu$ g/ $\mu$ L each in pyridine  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

1. Nicotine
2. Unknown
3. Acetylsalicylic acid (aspirin)
4. Ibuprofen
5. Acetaminophen
6. Unknown
7. Caffeine

