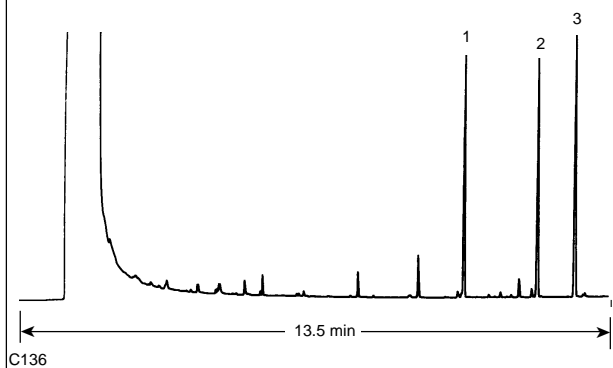


## $\Delta^9$ -THC (Marijuana) and Major Metabolites - TMS Derivatives

**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 100°C  
**Oven:** 100°C for 1 min  
100-175°C at 30°/min  
175-295°C at 12°/min  
**Injector:** Splitless, 250°C  
30 sec purge activation time  
1  $\mu$ L of 0.1  $\mu$ g/ $\mu$ L each in pyridine  
**Detector:** FID, 300°C  
Nitrogen makeup  
gas at 30 mL/min

1.  $\Delta^9$ -THC
2. L-11-Hydroxy- $\Delta^9$ -THC
3. L-9-Carboxy-11-nor- $\Delta^9$ -THC



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