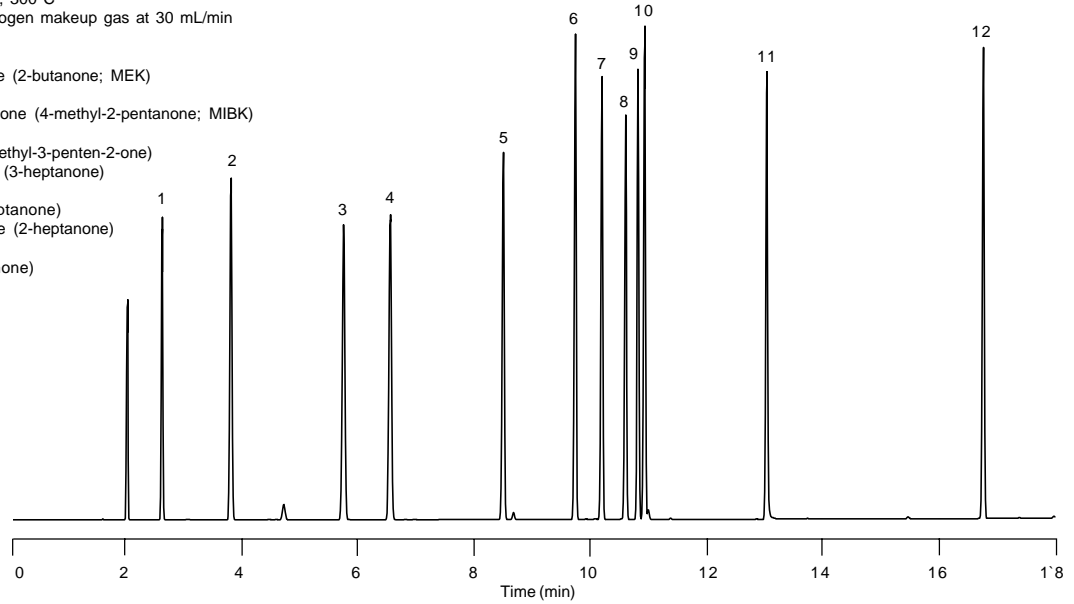


## Ketones - NIOSH Methods 1300-1301

**Column:** DB™-WAX  
30 m x 0.32 mm I.D., 0.5 µm  
**J&W P/N:** 123-7033  
**Carrier:** Helium at 35 cm/sec, measured at 40°C  
**Oven:** 40°C for 5 min  
40-170°C at 10°/min  
**Injector:** Split 1:100, 250°C  
1 µL of 5 µg/µL standard in CS<sub>2</sub>  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

1. Acetone
2. Methyl ethyl ketone (2-butanone; MEK)
3. 2-Pentanone
4. Methyl isobutyl ketone (4-methyl-2-pentanone; MIBK)
5. 2-Hexanone
6. Mesityl oxide (4-methyl-3-penten-2-one)
7. Ethyl butyl ketone (3-heptanone)
8. Diisobutyl ketone (2,6-dimethyl-4-heptanone)
9. Methyl amyl ketone (2-heptanone)
10. Ethyl amyl ketone (5-methyl-3-heptanone)
11. Cyclohexanone
12. Camphor



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