

# GC Application

ID No.: 1306

## Volatile Organic Compounds

**Column:** Zebtron™ ZB-624, GC Cap. Column 30 m x 0.25 mm x 1.40 μm, Ea

**Phase:** 6% Cyanopropylphenyl 94% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 1.4 μm

**Order No:** 7HG-G005-27

**Oven Profile:** 32°C (4 min) to 80°C at 6°C/min to 100°C at 2°C/min

**Carrier Gas:** Constant Flow Helium, 0.88 mL/min

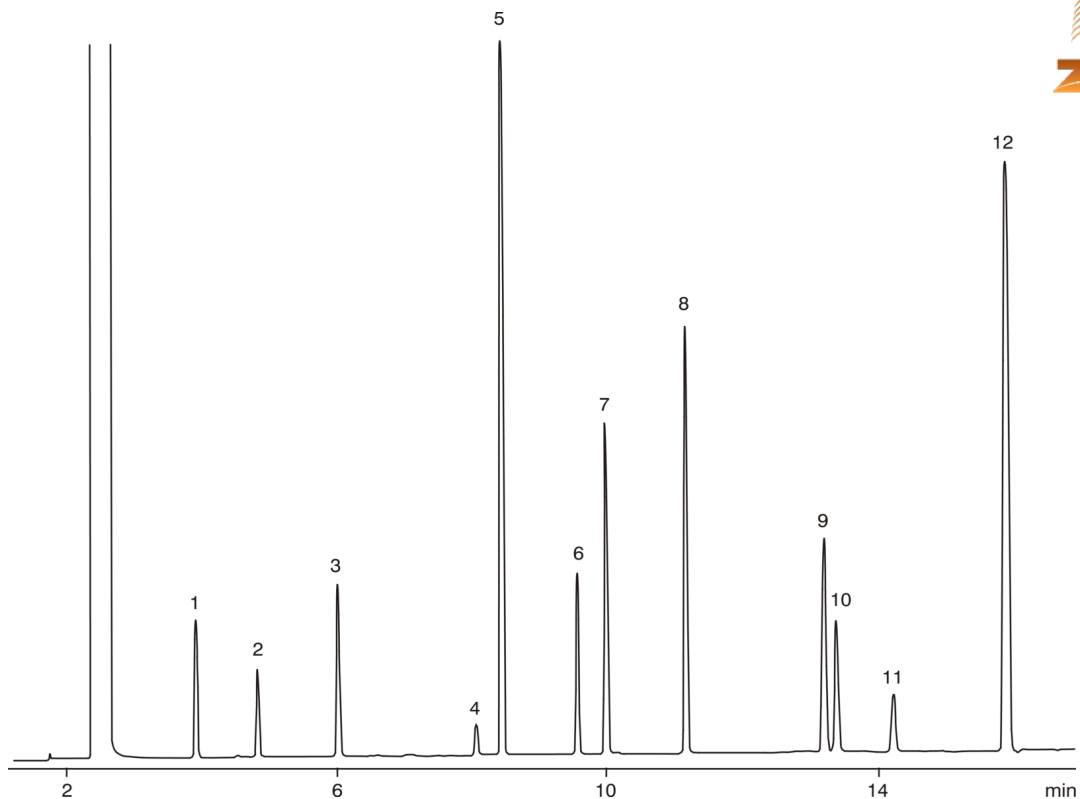
**Injection:** Split 200:1 1 μL @ 250°C

**Detection:** Flame Ionization (FID) (300°C)

**Analyst Note:** Sample analytes 1000ppm EPA Method 624 mixture



Products used in this application:



## Volatile Organic Compounds

### ANALYTES:

- 1 1,1-Dichloroethene
- 2 Methylene chloride
- 3 1,1-Dichloroethane
- 4 Carbon tetrachloride
- 5 Benzene
- 6 Trichloroethene
- 7 1,2-Dichloropropane
- 8 2-Chloroethyl vinyl ether
- 9 1,1,2-Trichloroethane
- 10 Tetrachloroethane
- 11 Dibromochloromethane
- 12 Chlorobenzene

