

# GC Application

ID No.: 15434

## Petroleum Oxygenates on ZB-5MS

**Column:** Zebtron™ ZB-5MS, GC Cap. Column 30 m x 0.25 mm x 0.50 μm, Ea

**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.25 mm x 0.5 μm

**Order No:** 7HG-G010-17

**Oven Profile:** 30°C Isothermal

**Carrier Gas:** Constant Flow Helium, 1.4 mL/min

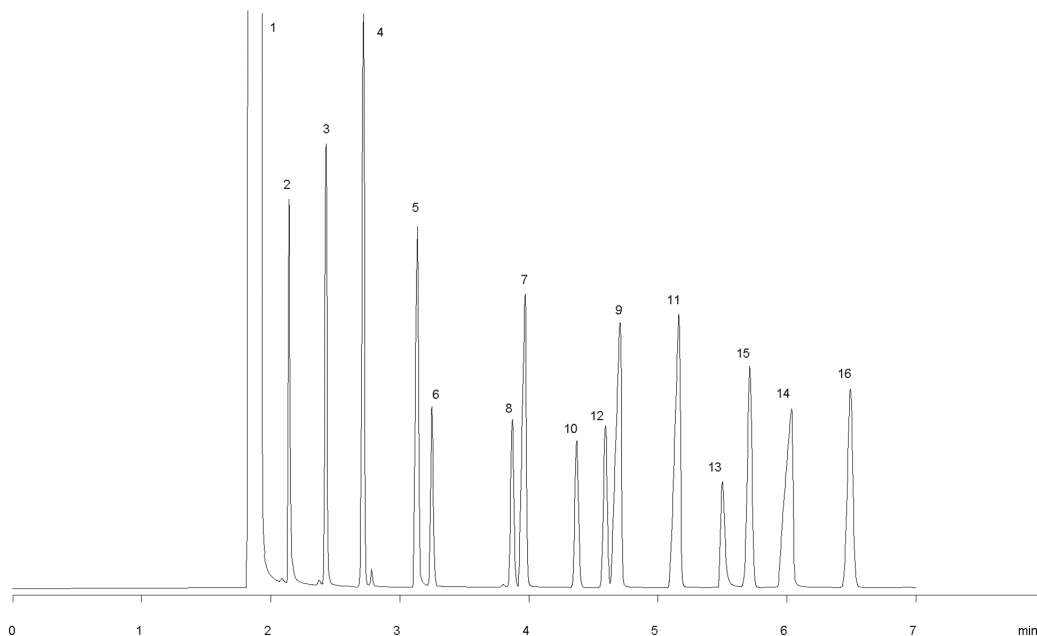
**Injection:** split 100:1 0.2 μL @ 200°C

**Detection:** Flame Ionization (FID) (260°C)

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Products used in this application:



## Petroleum Oxygenates on ZB-5MS

### ANALYTES:

- 1 Methanol
- 2 Ethanol
- 3 2-Propanol
- 4 tert-Butanol
- 5 n-Propanol
- 6 Methyl tert-butyl ether (MTBE)
- 7 Isopropyl ether
- 8 sec-Butanol
- 9 tert-Butyl ethyl ether
- 10 Methylcyclopentane
- 11 Isobutanol
- 12 tert-Pentanol
- 13 1,2-Dimethoxyethane
- 14 Benzene
- 15 n-Butanol
- 16 tert-Amyl methyl ether

