

# GC Application

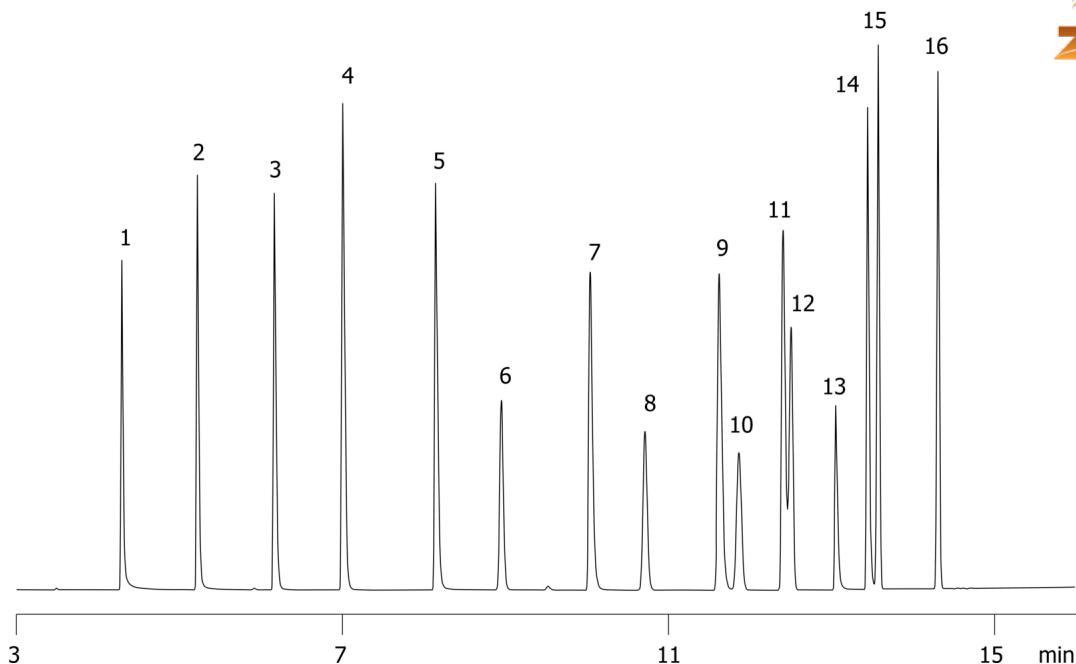
ID No.: 14849

## Petroleum Oxygenates ZB-1 60x0.25x1.0 ASTM 4815

**Column:** Zebron<sup>™</sup> ZB-1, GC Cap. Column 60 m x 0.25 mm x 1.00  $\mu$ m, Ea  
**Phase:** 100% Dimethylpolysiloxane  
**Dimensions:** 60 meters x 0.25 mm x 1  $\mu$ m  
**Order No:** 7KG-G001-22  
**Oven Profile:** 40C for 6 min to 50°C at 5°C/min for 4 min to 175°C at 25°C/min for 5 min.  
**Carrier Gas:** Constant Flow Helium, 1.8 mL/min  
**Injection:** Split 40:1 0.2  $\mu$ L @ 200°C  
**Detection:** Flame Ionization (FID) (250°C)  
14849



Products used in this application:



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### ANALYTES:

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

