

# GC Application

ID No.: 14871

## Extractable Petroleum Hydrocarbons - Aliphatic: ZB-5 30x0.32x0.25

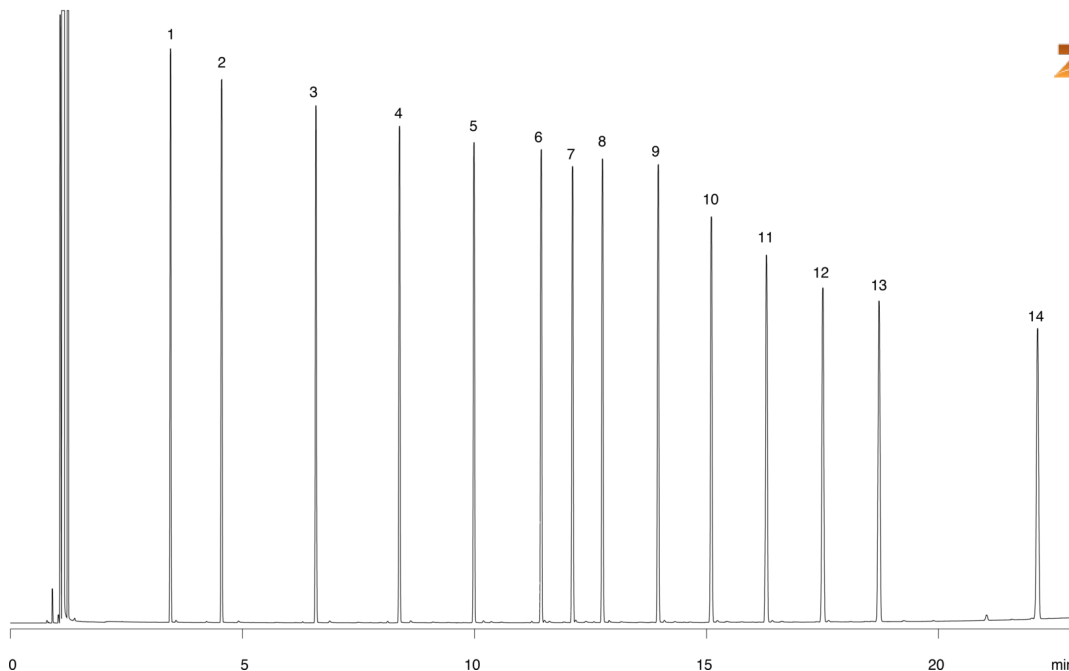
**Column:** Zebtron™ ZB-5, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea  
**Phase:** 5% Phenyl 95% Dimethylpolysiloxane  
**Dimensions:** 30 meters x 0.32 mm x 0.25 µm  
**Order No:** 7HM-G002-11  
**Oven Profile:** 40°C for 1 min to 240°C at 15°C/min to 350°C at 10°C/min for 5 min.

**Carrier Gas:** Constant Flow Helium, 5.2 mL/min  
**Injection:** split 15:1 0.2 µL @ 250°C  
**Detection:** Flame Ionization (FID) (340°C)

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Products used in this application:



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### ANALYTES:

- 1 n-Nonane
- 2 n-Decane
- 3 n-Dodecane
- 4 n-Tetradecane
- 5 n-Hexadecane
- 6 n-Octadecane
- 7 n-Nonadecane
- 8 n-Eicosane
- 9 n-Docosane
- 10 n-Tetracosane
- 11 n-Hexacosane
- 12 n-Octacosane
- 13 n-Triacontane
- 14 n-Hexatriacontane

