

# GC Application

ID No.: 15424

## Hydrocarbon Markers on ZB-5MS

**Column:** Zebtron<sup>™</sup> ZB-5MS, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea

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

**Dimensions:** 30 meters x 0.32 mm x 0.25 µm

**Order No:** 7HM-G010-11

**Oven Profile:** 40°C to 340°C at 5°C/min for 10 min

**Carrier Gas:** Constant Flow Helium, 2.2 mL/min

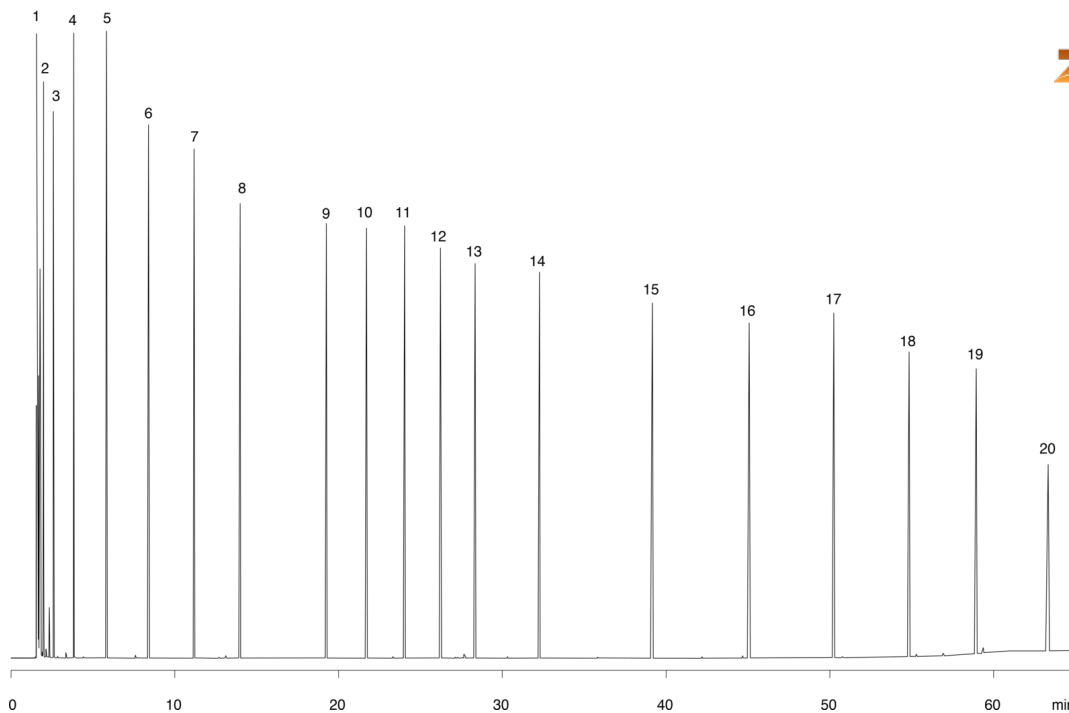
**Injection:** split 20:1 1 µL @ 360°C

**Detection:** Flame Ionization (FID) (360°C)

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Products used in this application:



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### ANALYTES:

- 1 Pentane (C5)
- 2 Hexane (C6)
- 3 Heptane (C7)
- 4 Octane (C8)
- 5 Nonane (C9)
- 6 Decane (C10)
- 7 Undecane (C11)
- 8 Dodecane (C12)
- 9 Tetradecane (C14)
- 10 Pentadecane (C15)
- 11 Hexadecane (C16)
- 12 Heptadecane (C17)
- 13 Octadecane (C18)
- 14 Eicosane (C20)
- 15 Tetracosane (C24)
- 16 Octacosane (C28)
- 17 Dotriacontane (C32)
- 18 Hexatriacontane (C36)
- 19 Tetracontane (C40)
- 20 Tetratetracontane (C44)

