

# GC Application

ID No.: 16013

## ASTM Method D2887I on ZB-1

**Column:** Zebtron<sup>™</sup> ZB-1, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea

**Phase:** 100% Dimethylpolysiloxane

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

**Order No:** 7HM-G001-11

**Oven Profile:** 45°C for 1min to 350°C at 30°C/min for 8min

**Carrier Gas:** Constant Flow Helium, 3 mL/min

**Injection:** Split 15:1 1 µL @ 310°C

**Detection:** Flame Ionization (FID) (350°C)

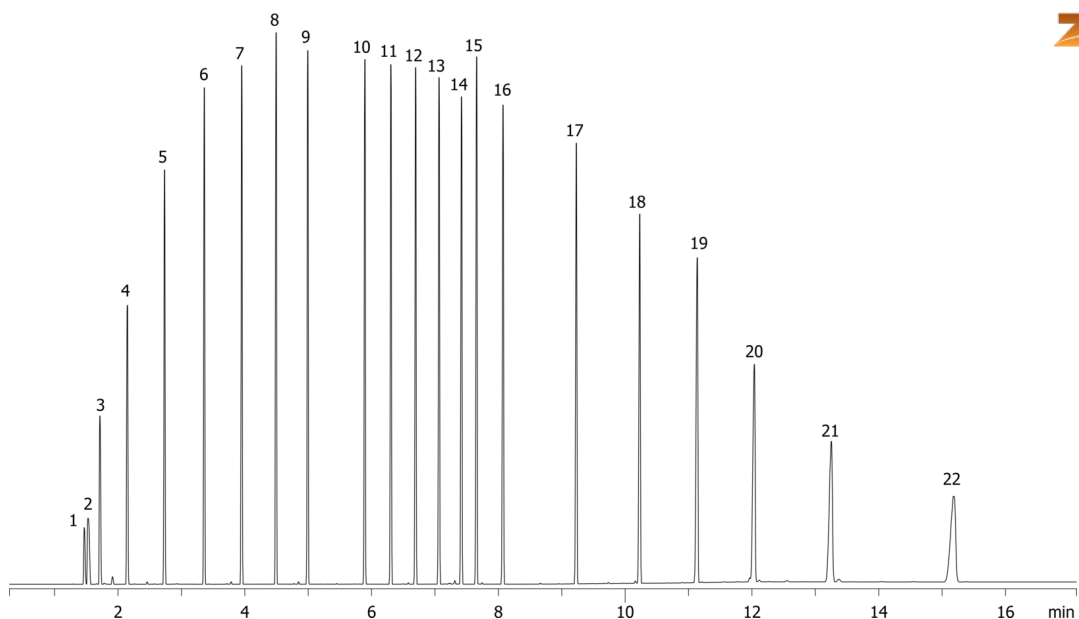
**Analyst Note:** All analytes are 0.1% in Carbon Disulfide



Products used in this application:



16013



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### ANALYTES:

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

