

# GC Application

ID No.: 15919

## Selectivity Mix I on ZB-5MS

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

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

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

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

**Oven Profile:** Isothermal 65°C

**Carrier Gas:** Constant Pressure Hydrogen, 1 mL/min

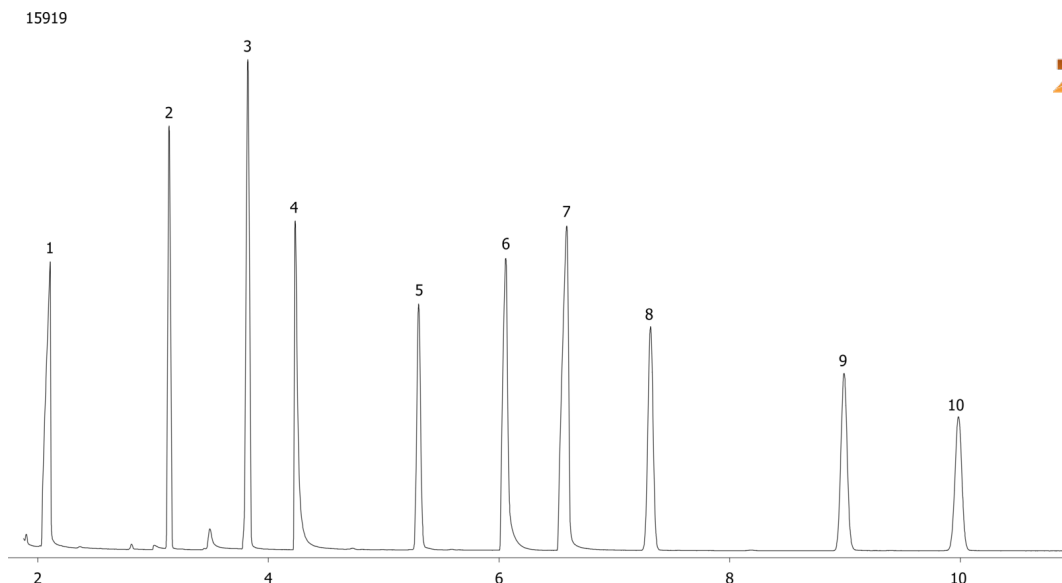
**Injection:** Split 100:1 0.5 μL @ 250°C

**Detection:** Flame Ionization (FID) (325°C)

**Analyst Note:** Column flow = 1.0mL/min at 140°C



Products used in this application:



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### ANALYTES:

- 1 Propionic acid
- 2 Octane
- 3 Nitrobutane
- 4 4-Picoline
- 5 Trimethylphosphate
- 6 1,2-Pentanediol
- 7 Propylbenzene
- 8 Hetpanal
- 9 3-Octanone
- 10 Decane

