

# GC Application

ID No.: 18160

## Biodiesel Esters - RME on ZB-FFAP

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

**Phase:** Nitroterephthalic Acid Modified Polyethylene Glycol

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

**Order No:** 7HG-G009-11

**Oven Profile:** 50 °C to 190 °C @ 25 °C/min to 220 °C @ 3 °C/min for 18 min.

**Carrier Gas:** Constant Pressure Hydrogen, 1.6 mL/min

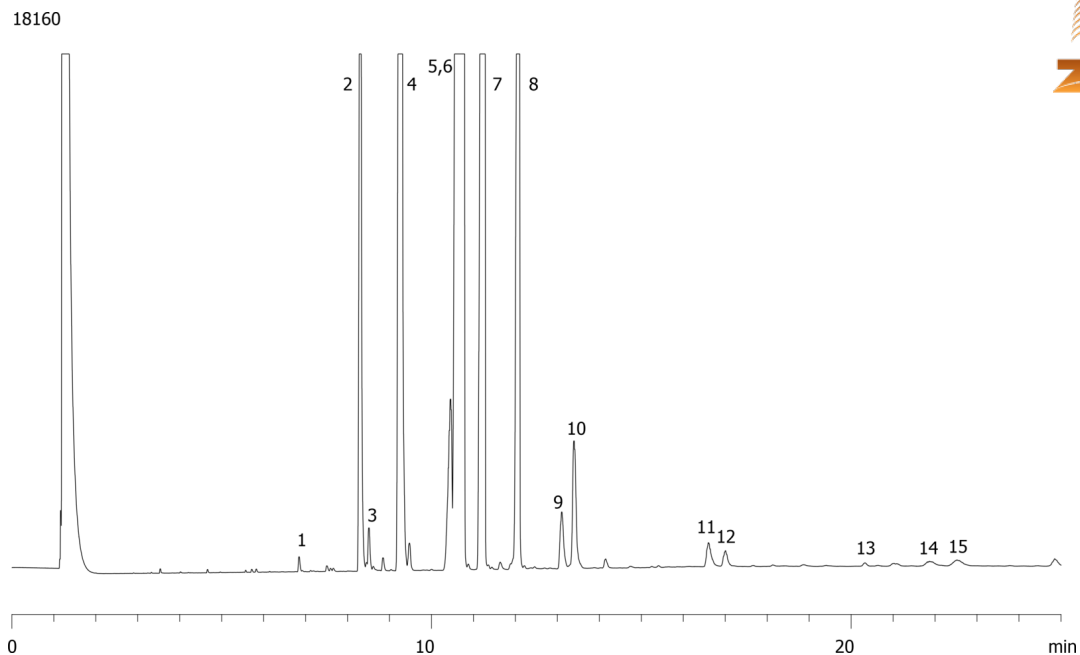
**Injection:** Split 50:1 1 μL @ 250°C

**Detection:** Flame Ionization (FID) (270°C)

**Analyst Note:** Courtesy of ASG mbH, Germany



Products used in this application:



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### ANALYTES:

- 1 C14
- 2 C16:0
- 3 C16:1
- 4 internal standard
- 5 C18:0
- 6 C18:1
- 7 C18:2
- 8 C18:3
- 9 C20:0
- 10 C20:1
- 11 C22:0
- 12 C22:1
- 13 C23
- 14 C24:0
- 15 C24:1

