

GC Application

ID No.: 18161

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

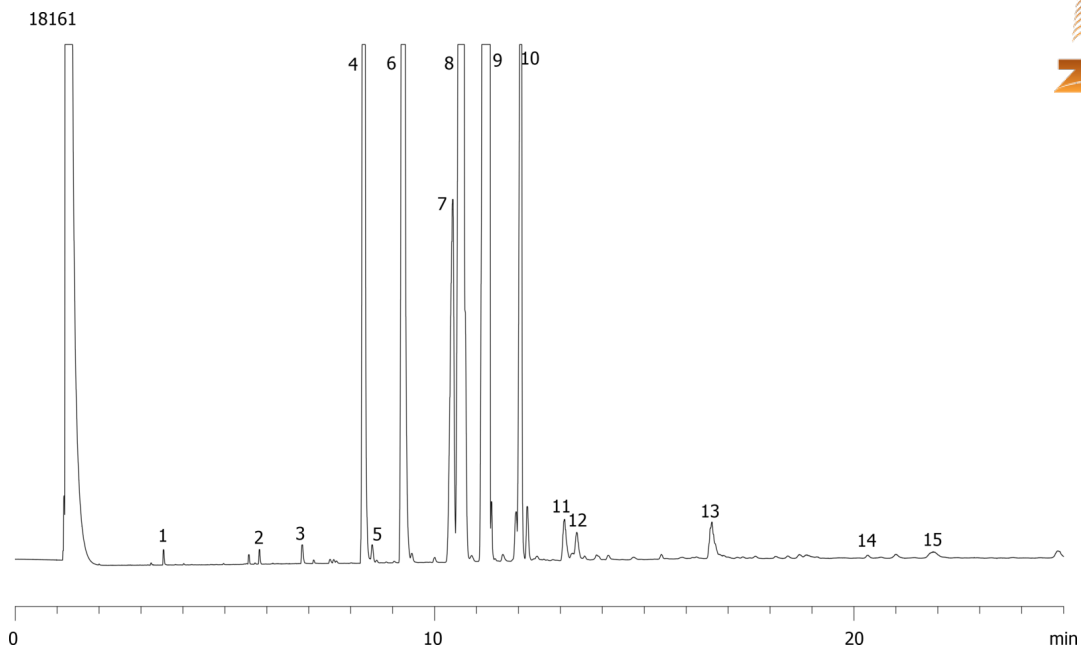
Injection: Split 50:1 1 μL @ 250°C

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

Analyst Note: Courtesy of ASG mbH, Germany



Products used in this application:



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ANALYTES:

- 1 C8
- 2 C12
- 3 C14
- 4 C16:0
- 5 C16:1
- 6 internal standard
- 7 C18:0
- 8 C18:1
- 9 C18:2
- 10 C18:3
- 11 C20:0
- 12 C20:1
- 13 C22:0
- 14 C23
- 15 C24:0

