

# GC Application

ID No.: 14858

## Unsaturated Free Fatty Acids ZB-FFAP 60x0.25x0.25

**Column:** Zebtron™ ZB-FFAP, GC Cap. Column 60 m x 0.25 mm x 0.25 μm, Ea

**Phase:** Nitroterephthalic Acid Modified Polyethylene Glycol

**Dimensions:** 60 meters x 0.25 mm x 0.25 μm

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

**Oven Profile:** 200°C to 260°C at 2°C/min for 30min.

**Carrier Gas:** Constant Flow Helium, 2.4 mL/min

**Injection:** Split 40:1 0.2 μL @ 220°C

**Detection:** Flame Ionization (FID) (250°C)

**Analyst Note:** 2 mg/mL each in THF

Recommended Accessories:

Recommended Liner: Zebtron PLUS Single Taper Z-Liner, 4 mm ID

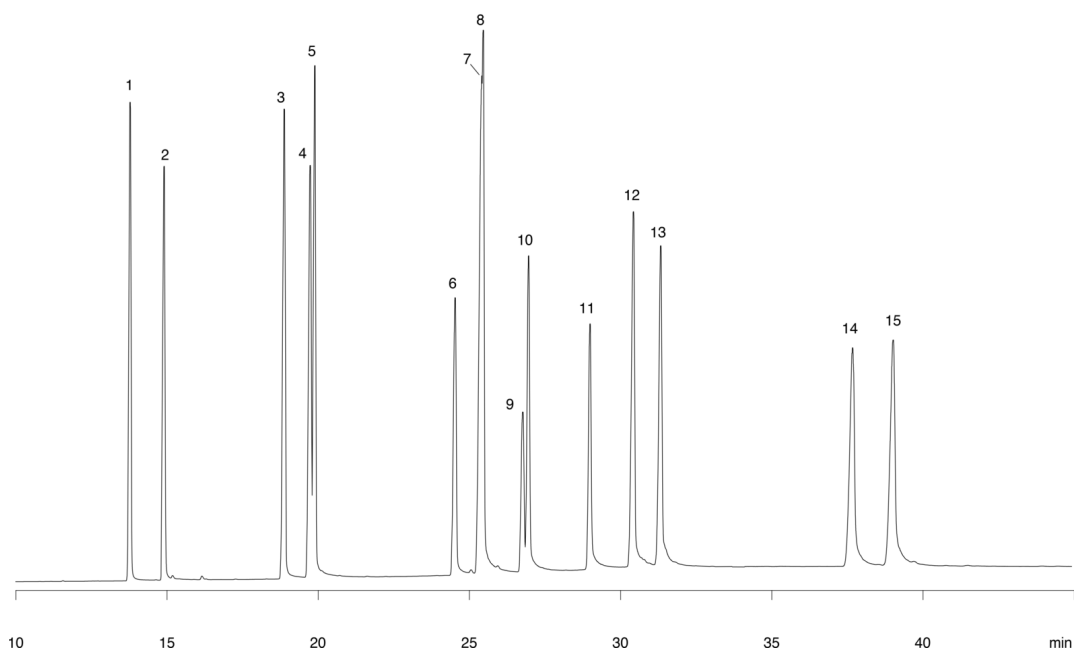
Liner Part No.: AG2-0A13-05 (for Agilent systems)



Products used in this application:



14858



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### ANALYTES:

- 1 Myristic acid (C14:0)
- 2 Myristoleic acid (C14:1c)
- 3 Palmitic acid (C16:0)
- 4 Palmitelaidic acid (C16:1t)
- 5 Palmitoleic acid (C16:1c)
- 6 Stearic acid
- 7 Elaidic acid (C18:1t)
- 8 Oleic acid (C18:1c)
- 9 Linolelaidic acid (C18:2t)
- 10 Linoleic acid (C18:2c)
- 11 Linolenic acid (C18:3c)
- 12 Arachidic acid (C20:0)
- 13 Gondonic acid (C20:1c)
- 14 Behenic acid (C22:0)
- 15 Erucic acid (C22:1c)

