

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 μ m, Ea

Phase: Nitroterephthalic Acid Modified Polyethylene Glycol

Dimensions: 60 meters x 0.25 mm x 0.25 μ m

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 μ L @ 220°C

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

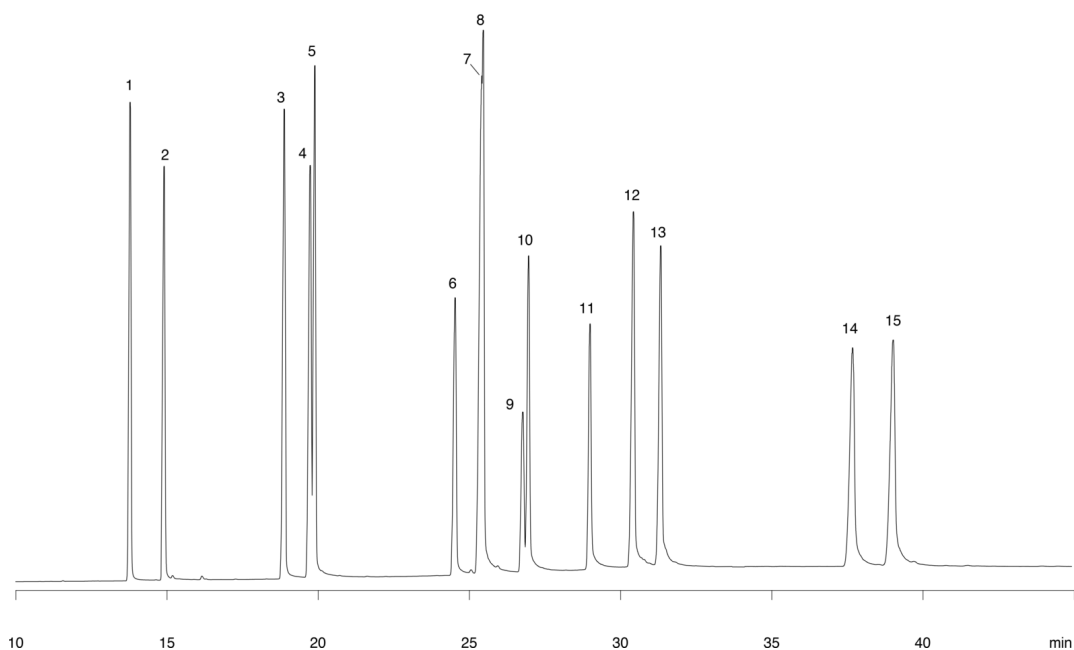
Analyst Note: 2 mg/mL each in THF
Recommended Accessories:
Recommended Liner: Zebtron PLUS Single Taper Z-Liner, 4 mm ID
Liner Part No.: AG2-0A13-05 (for Agilent systems)



Products used in this application:



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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)

