

# GC Application

ID No.: 8191

## Organic Acids

**Column:** Zebron<sup>™</sup> ZB-FFAP, GC Cap. Column 30 m x 0.32 mm x 0.25  $\mu$ m, Ea

**Phase:** Nitroterephthalic Acid Modified Polyethylene Glycol

**Dimensions:** 30 meters x 0.32 mm x 0.25  $\mu$ m

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

**Oven Profile:** 100°C (2 min), 8°C/min to 250°C (30 min)

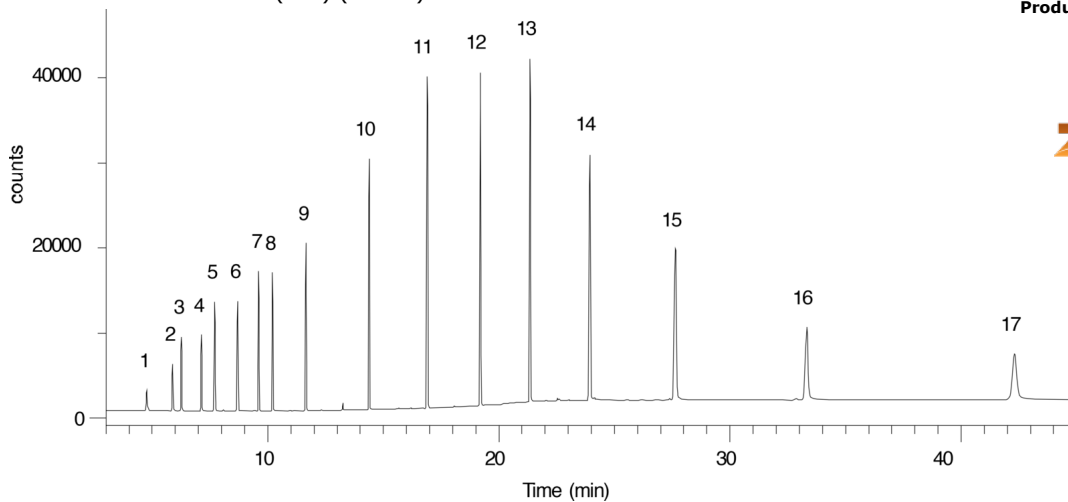
**Carrier Gas:** Constant Flow Helium, 1.69 mL/min

**Injection:** Split 20:1 1  $\mu$ L @ 250°C

**Detection:** Flame Ionization (FID) (350°C)



Products used in this application:



## Organic Acids

### ANALYTES:

- 1 Acetic acid
- 2 Propionic acid
- 3 Isobutyric acid
- 4 n-Butyric acid
- 5 Isovaleric acid
- 6 n-Valeric acid
- 7 Isocaproic acid
- 8 n-Caproic acid
- 9 n-Heptanoic acid
- 10 n-Nonanoic acid
- 11 n-Undecanoic acid
- 12 n-Tridecanoic acid
- 13 n-Pentadecanoic acid (C15)
- 14 n-Heptadecanoic acid (C17)
- 15 n-Nonadecanoic acid (C19)
- 16 n-Heneicosanoic acid (C21)
- 17 n-Tricosanoic acid (C23)

