GC Application ID No.: 19300



Valproic Acid Impurities (USP) on ZB-FFAP, 30 m x 0.32 mm x 0.25 μm

Zebron™ ZB-FFAP, GC Cap. Column 30 m x 0.32 mm x 0.25 μm, Ea

Nitroterephthalic Acid Modified Polyethylene Glycol Phase:

Dimensions: 30 meters x 0.32 mm x 0.25 µm

7HM-G009-11 Order No:

40 °C for 1 min to 120 °C at 20 °C/min for 5 min to 135 °C at 10 °C/min **Oven Profile:**

for 5 min to 160 °C at 10 °C/min for 5 min to 180 °C at 10 °C/min for 5

Carrier Gas: Constant Flow Helium, 1.1 mL/min

Injection: Split 100:1 1 µL @ 240°C **Detection:** Flame Ionization (FID) (260°C)

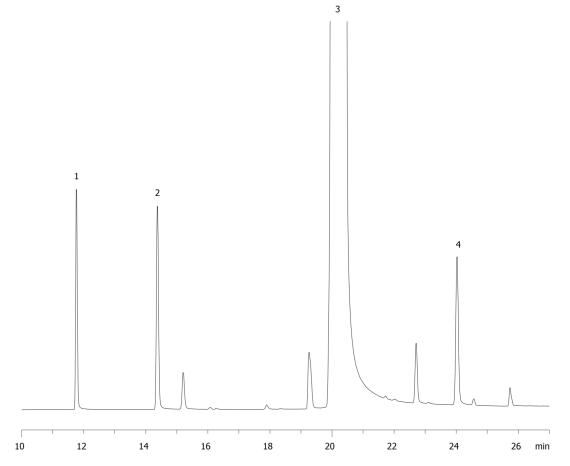
Analyst Note: Concentrations were 1.0 mg/mL butyric acid, 1.0 mg/mL valeric acid, 0.1 mg/mL related compound A in Valrproic

19300



Products used in this application:





ANALYTES:

- Butyric acid
- 2 Valeric acid
- 3 Valproic acid
- Valproic acid related compound A

©2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at support@phenomenex.com



Phenomenex products are available worldwide.