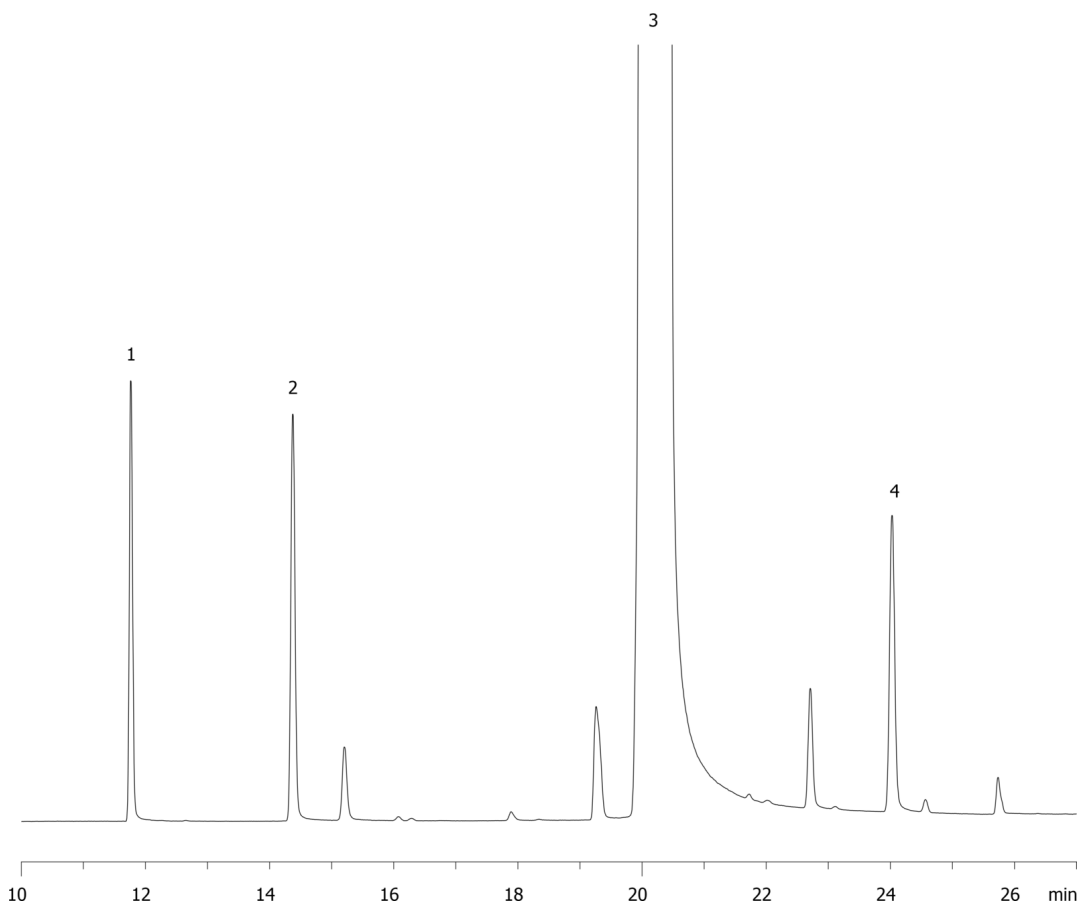


Valproic Acid Impurities (USP) on ZB-FFAP, 30 m x 0.32 mm x 0.25 µm

Column: Zebron[™] ZB-FFAP, GC Cap. Column 30 m x 0.32 mm x 0.25 µm, Ea
Phase: Nitroterephthalic Acid Modified Polyethylene Glycol
Dimensions: 30 meters x 0.32 mm x 0.25 µm
Order No: 7HM-G009-11
Oven Profile: 40 °C for 1 min to 120 °C at 20 °C/min for 5 min to 135 °C at 10 °C/min 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 Valproic

**Products used in this application:****ANALYTES:**

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

