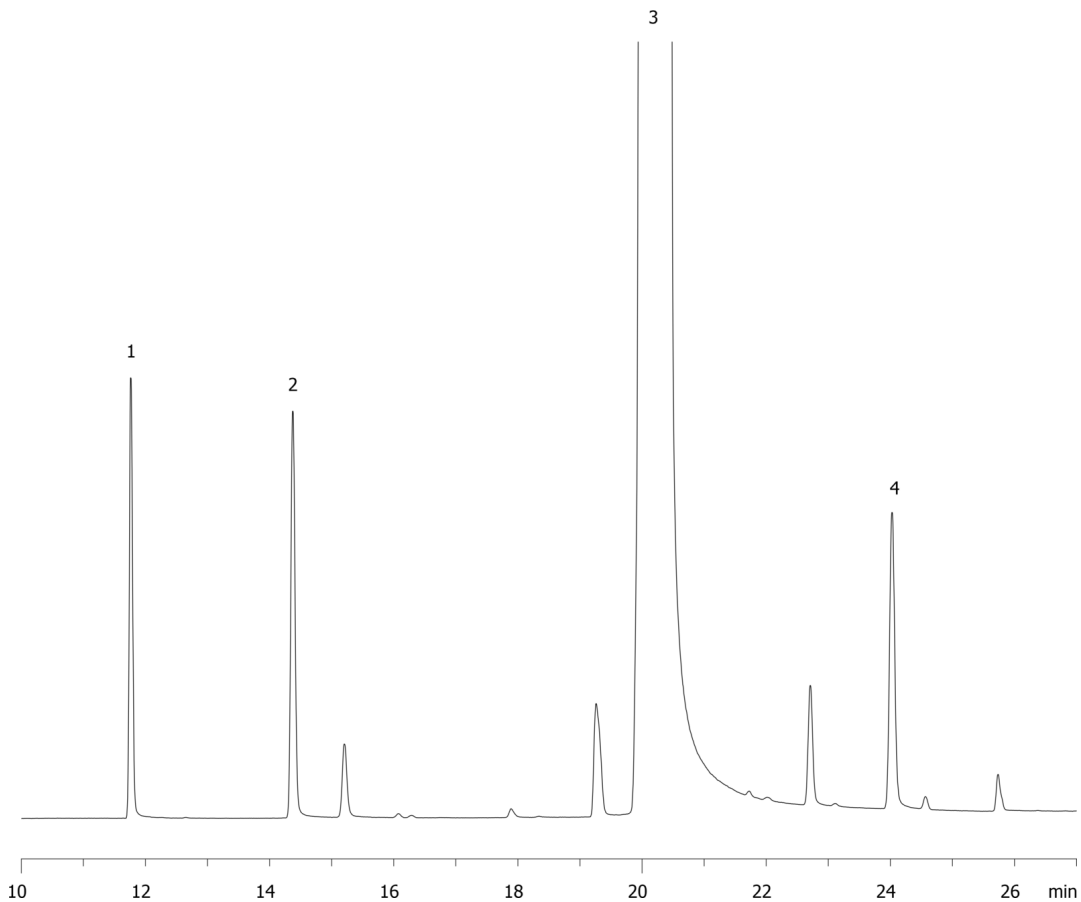


## Valproic Acid Impurities (USP) on ZB-FFAP, 30 m x 0.32 mm x 0.25 µm

**Column:** Zebtron™ 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

