

## USP Glycerin Purity Assay on ZB-624

**Column:** Zebtron™ ZB-624, GC Cap. Column 30 m x 0.53 mm x 3.00 µm, Ea

**Phase:** 6% Cyanopropylphenyl 94% Dimethylpolysiloxane

**Dimensions:** 30 meters x 0.53 mm x 3 µm

**Order No:** 7HK-G005-36

**Oven Profile:** 100 °C for 4 min to 120 °C @ 50 °C/min for 10 min to 220 °C @ 50 °C/min for 6 min

**Carrier Gas:** Constant Flow Helium, 4.5 mL/min

**Injection:** Split 10:1 1 µL @ 220°C

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

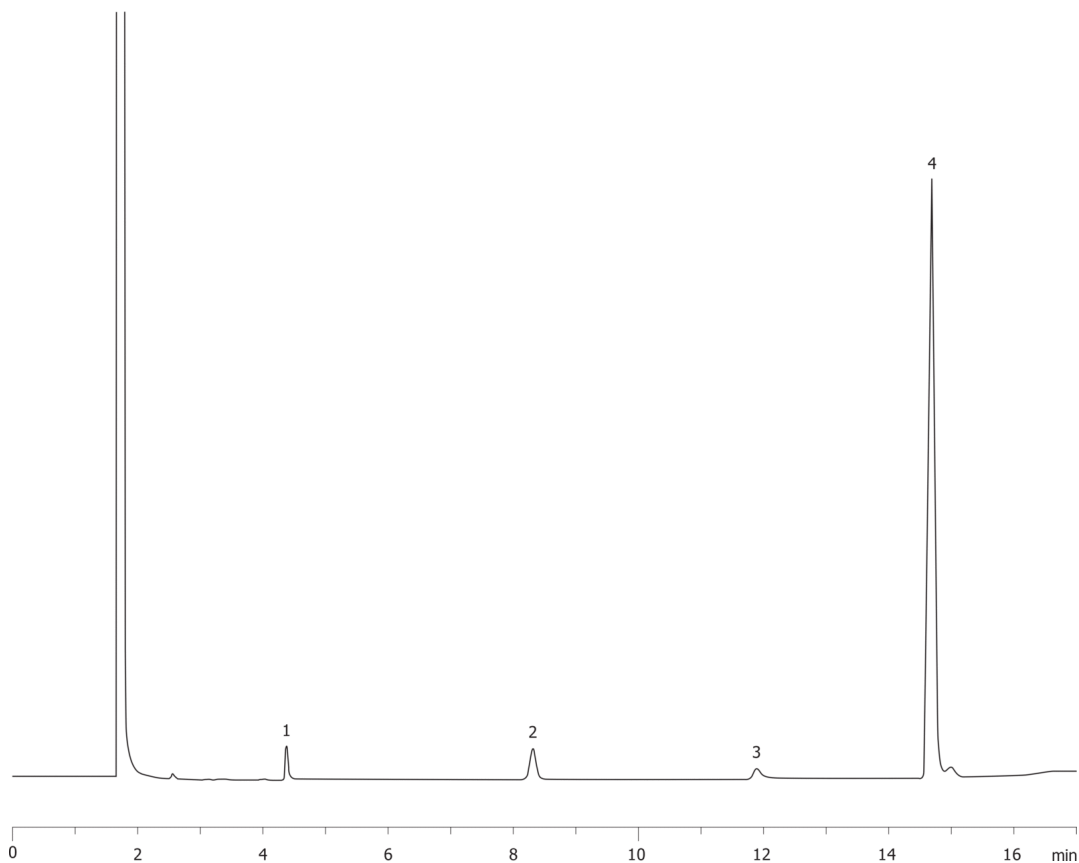
**Analyst Note:** Concentrations were 2.0 mg/mL Glycerin, 0.050 mg/mL ethylene glycol, 0.050 mg/mL diethylene glycol, and 0.10 mg/mL 2,2,2-trichloroethanol (IS)



Products used in this application:



19292



### ANALYTES:

- 1 Ethylene glycol
- 2 2,2,2-Trichloroethanol
- 3 Diethylene glycol
- 4 Glycerin

