

GC Application

ID No.: 15789

USP Glycerin on ZB-624

Column: Zebtron[™] ZB-624, GC Cap. Column 30 m x 0.53 mm x 3.00 μ m, Ea

Phase: 6% Cyanopropylphenyl 94% Dimethylpolysiloxane

Dimensions: 30 meters x 0.53 mm x 3 μ m

Order No: 7HK-G005-36

Oven Profile: 100°C to 220°C at 7.5°C/min for 4 min

Carrier Gas: Constant Flow Helium, 4.5 mL/min

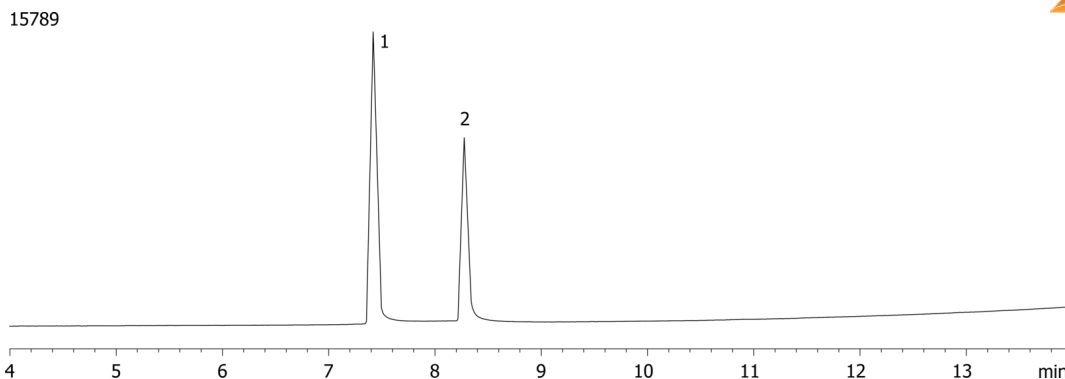
Injection: Split 10:1 0.5 μ L @ 220°C

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

Analyst Note: Analytes are 0.5 mg/mL
Resolution (0.5mg/mL) 8.7
%RSD Diethylene Glycol (0.05mg/mL): 7.4%
%RSD Glycerine (0.05mg/mL): 6.9%



Products used in this application:



ANALYTES:

- 1 Diethylene glycol
- 2 Glycerin