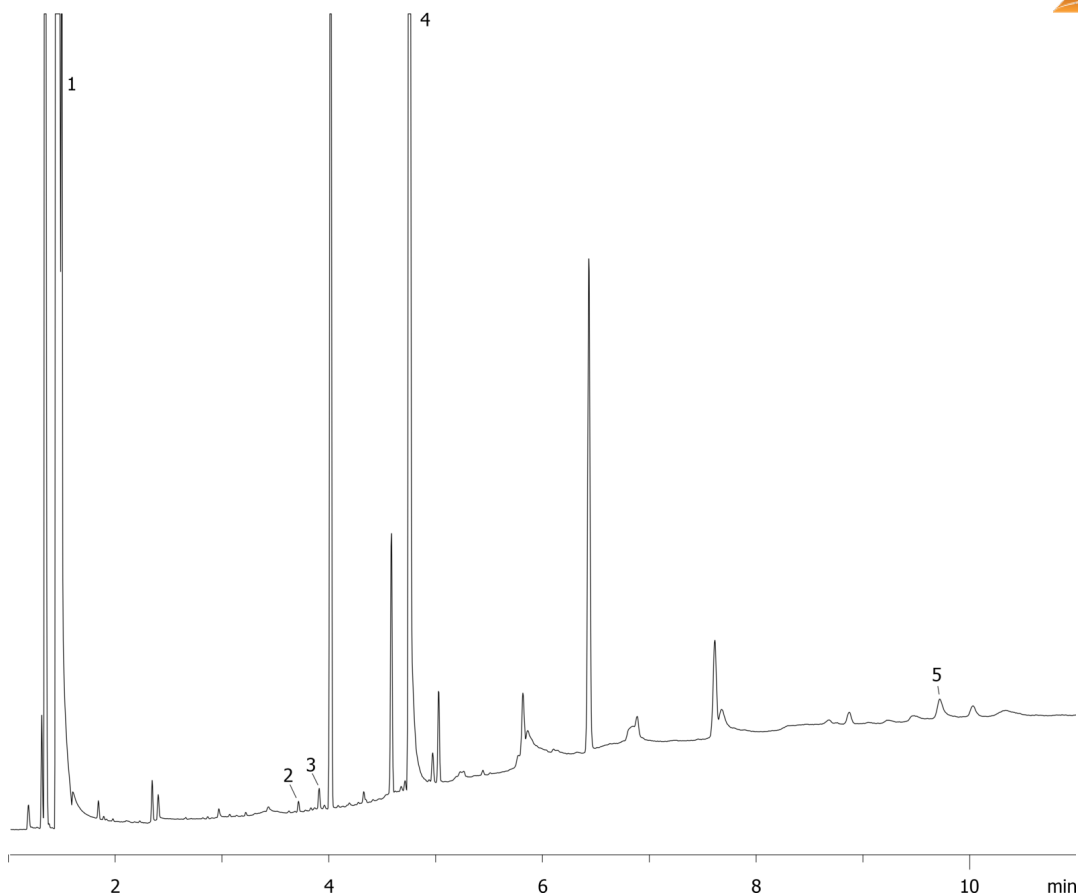


Glycols and Benzene in Toothpaste by FID on ZB-WAXplus**Column:** ZebronTM ZB-WAXplusTM, GC Cap. Column 30 m x 0.25 mm x 0.25 μ m, Ea**Phase:** Polyethylene Glycol (PEG)**Dimensions:** 30 meters x 0.25 mm x 0.25 μ m**Order No:** 7HG-G013-11**Oven Profile:** 80 °C to 180 °C @ 20 °C/min for 5 min.**Carrier Gas:** Constant Flow Helium, 3 mL/min**Injection:** Split 20:1 0.5 μ L @ 225°C**Detection:** Flame Ionization (FID) (250°C)**Analyst Note:** 0.1 mg toothpaste in 1 ml 50:50 acetonitrile/H₂O. 100 μ l supernatant to 400 μ l acetonitrile/water solvent. To 250**Products used in this application:**

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**ANALYTES:**

- 1 Acetonitrile
- 2 1,2-Propanediol
- 3 Ethylene glycol (EG)
- 4 1,3-Propanediol
- 5 Glycerol

