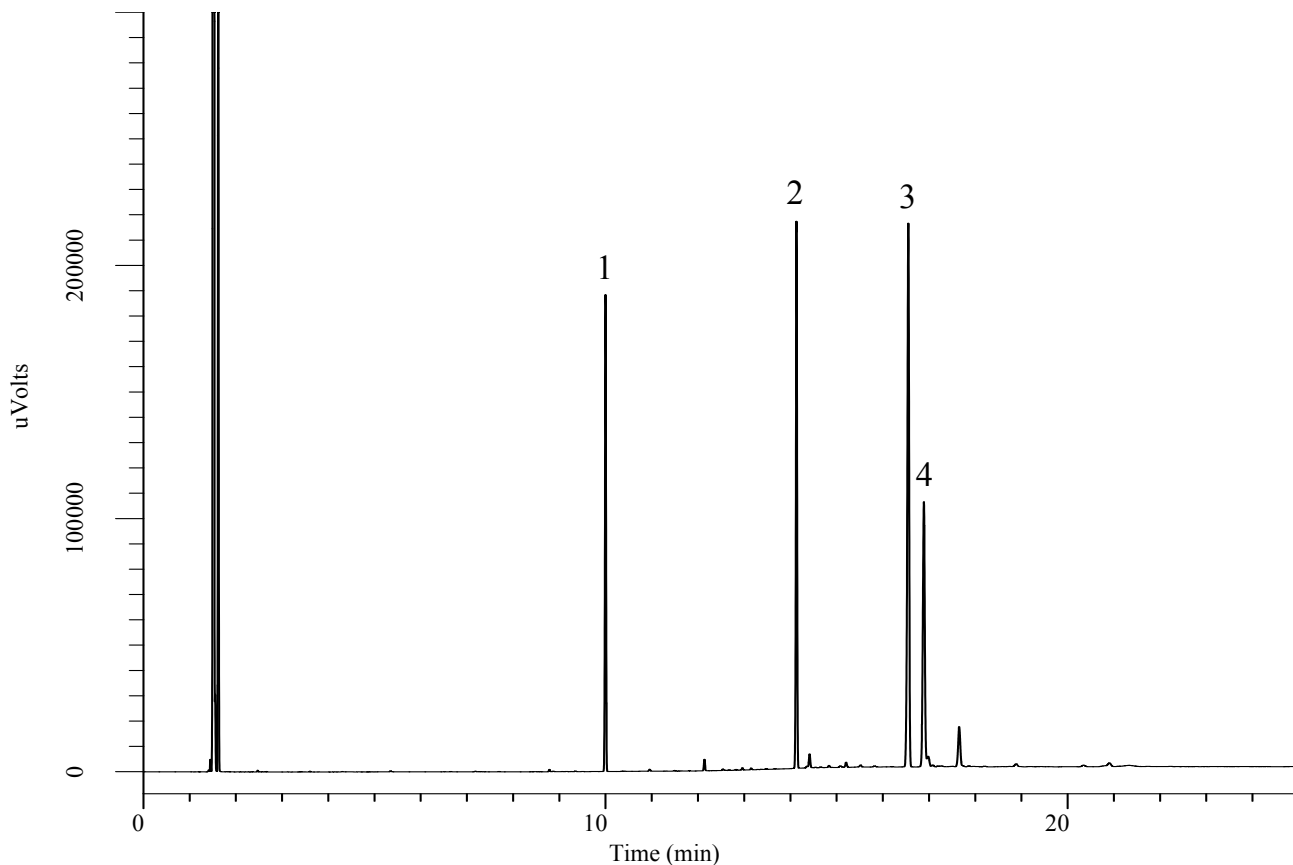


InertSearch™ for GC

InertCap® Applications

Analysis of Polysorbate 20

Data No. GA 289-0955



Conditions

System : GC4000 Plus-FID
Column : InertCap Pure-WAX
0.25 mm I.D. x 30 m df = 0.5 µm
Col. Cat. No. : 1010-68144
Col. Temp. : 80 °C - 10 °C/min - 220 °C (40 min)
Carrier Gas : He 2.00 mL/min
Injection : Split 50:1
250 °C
Injection Vol. : 1 µL
Detection : FID Auto Range
250 °C
Sample : Standard
Analyte in Heptane

Analyte

1. Lauric acid methyl ester (1.0 mg/mL)
2. Palmitic acid methyl ester (1.0 mg/mL)
3. Stearic acid methyl ester (1.6 mg/mL)
4. Oleic acid methyl ester (2.0 mg/mL)

Resolution (3, 4) : 4.52 (≥ 2.0)