

Analysis of Organic Acids using Agilent J&W FactorFour VF-WAXms GC Columns

Application Note

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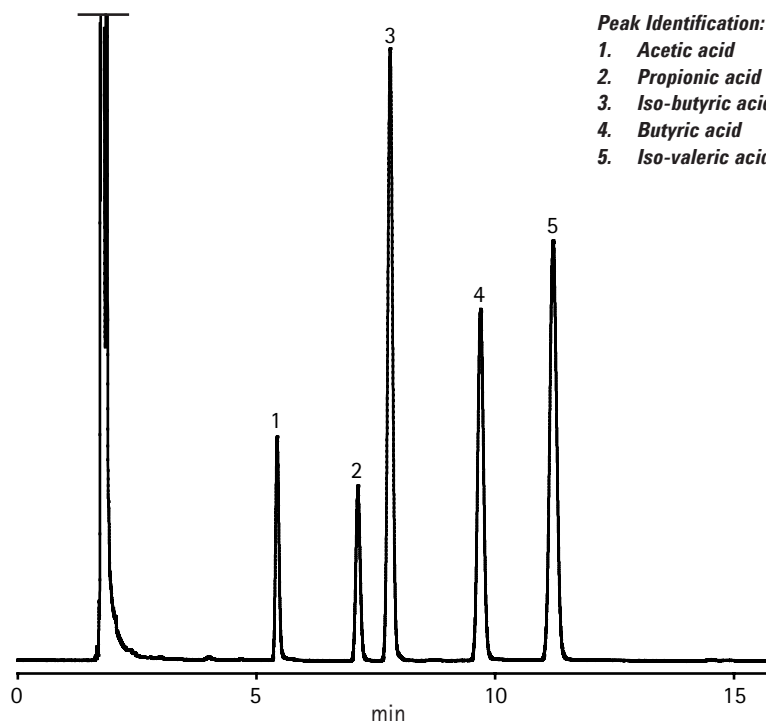
Conditions

Technique: GC-FID
Column: VF-WAXms 30 m x 0.53 mm df =
2.0 μ m (part number CP9216)
Temperature: Isotherm, 150 °C
Carrier Gas: Helium, 0.3 bar

Injector: 250 °C, split 75 mL/min
Detector: 275 °C, FID
Sample Size: 0.1 μ L
Sample: 0.1 % (cyclohexane)

Peak Identification:

1. Acetic acid
2. Propionic acid
3. Iso-butyric acid
4. Butyric acid
5. Iso-valeric acid



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