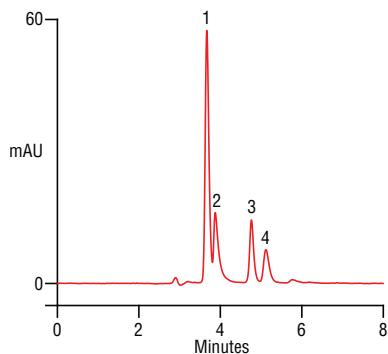


Glycolic and Related Acids on a Thermo Scientific™ Acclaim™ Organic Acid (OA) Column



Column: Thermo Scientific™ Acclaim™ OA,
5 μ m, 4.6 x 250 mm
Pump: Thermo Scientific™ Dionex™ Summit
P680A DGP
Mobile Phase: 100 mM Na_2SO_4 +
4.5 mM H_3PO_4 ; pH 2.9
Flow: 0.70 mL/min
Temperature: TCC-100 at 30 °C
Injection: ASI-100 sampler at 20 μ L
Detector: UVD 340U at 210 nm
Peaks: 1. Glycolic acid
2. Formic acid
3. Lactic acid
4. Acetic acid
Standards 100 μ g/mL in water

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Glycolic acid and other hydrophilic acids may be separated on the Acclaim OA column using simple reversed-phase conditions.