

IC Application Note No. O-16

Title: Separation of eight carboxylic acids

Summary: Determination of lactate, formate, acetate, propionate, butyrate, isobutyrate, valerate and isovalerate in a standard solution using ion exclusion chromatography with conductivity detection after chemical suppression.

Sample: Standard solution

Sample Preparation: -

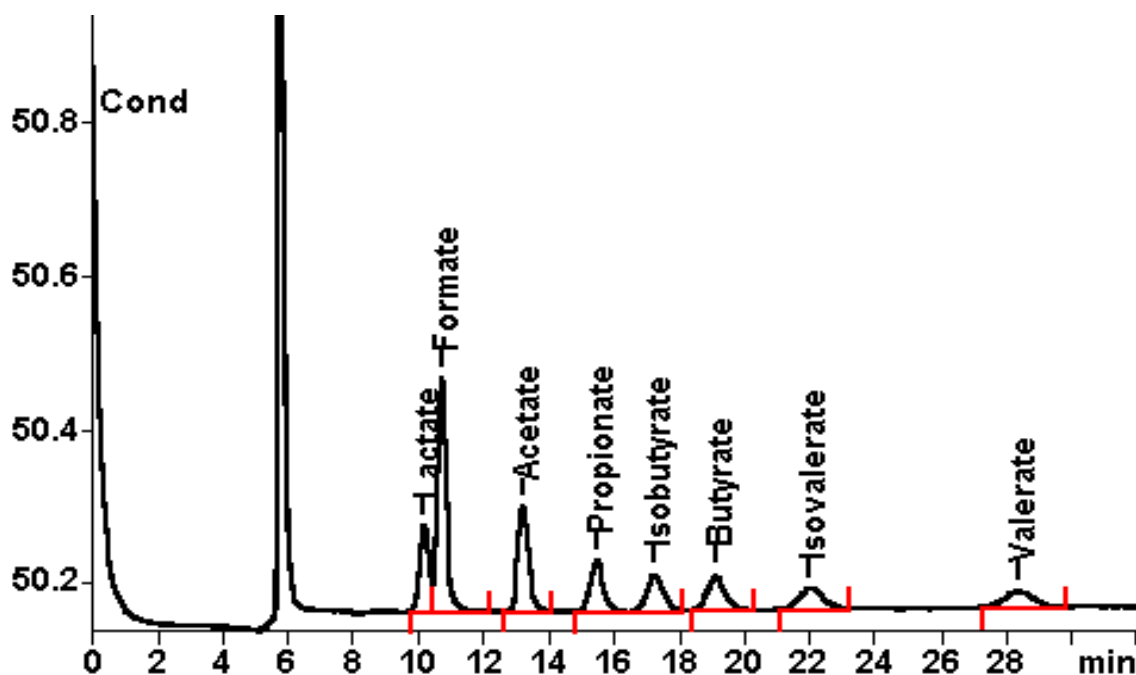
Column: 6.1005.200 Metrosep Organic Acids

Eluent: 0.5 mmol/L perchloric acid

Flow: 0.6 mL/min

Suppressor: MSM (10 mmol/L lithium chloride)

Injection Volume: 20 μ L



Results:	Lactate, formate, acetate, propionate, butyrate, isobutyrate, valerate, isovalerate mg/L
	1.0