

IC Application Note No. S-72

Title: Acetate, propionate, formate and chloride in water

Summary: Determination of acetate, propionate, formate and chloride in water using anion chromatography with conductivity detection after chemical suppression.

Sample: Water samples

Sample Preparation:

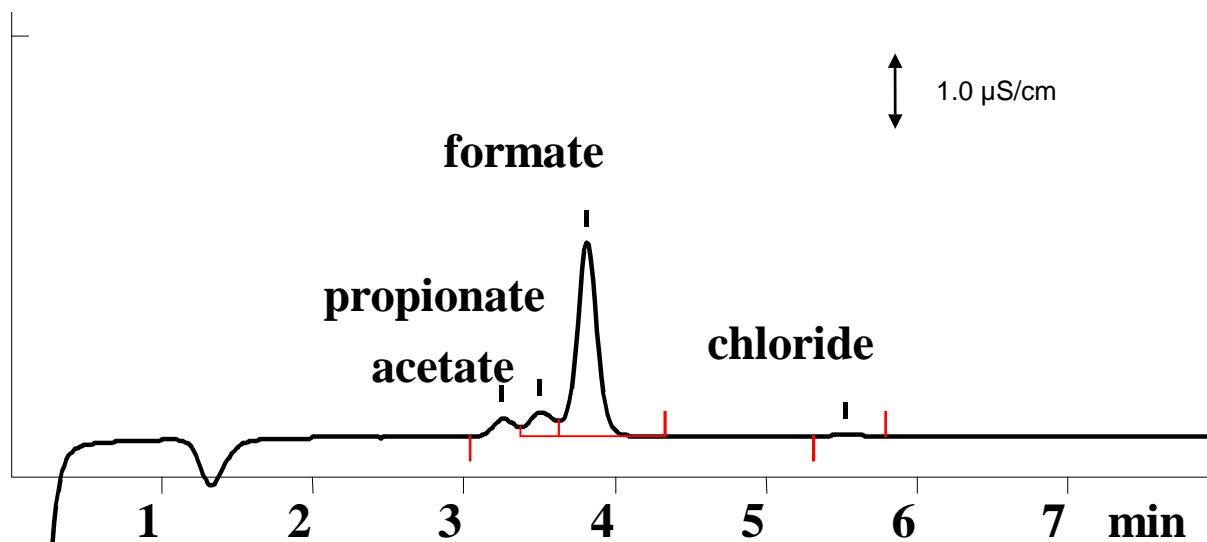
Column: 6.1006.100 Metrosep Anion Dual 2

Eluent: 2.0 mmol/L sodium hydrogencarbonate,
1.3 mmol/L sodium carbonate

Suppressor: Metrohm Suppressor Module (MSM, 50 mmol/L H₂SO₄)

Flow: 0.8 mL/min

Injection Volume: 20 µL



Results:	Acetate mg/L	Propionate mg/L	Formate mg/L	Chloride mg/L
	0.291	0.596	0.599	0.063