

IC Application Note No. O-18

Title: Boric acid and acetic acid in a process water

Summary: Determination of boric acid and acetic acid in a process water using ion exclusion chromatography with conductivity detection after chemical suppression.

Sample: Process water

Sample Preparation: Direct injection after micro filtration

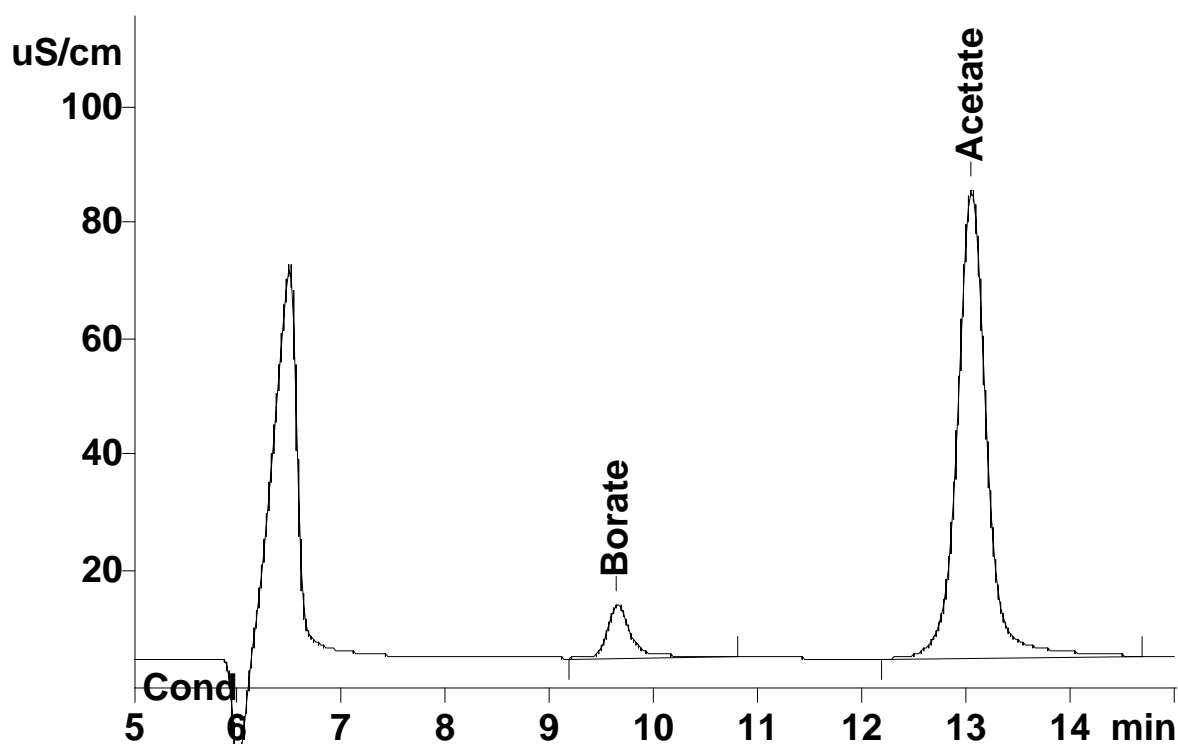
Column: 6.1005.200 Metrosep Organic Acids

Eluent: 1.0 mmol/L heptafluorobutyric acid, 50 mmol/L mannitol

Flow: 0.5 mL/min

Suppressor: MSM (100 mmol/L lithium chloride)

Injection Volume: 20 μ L



Results:	Boric acid mg/L	Acetic acid mg/L
	70.0	not quantified