

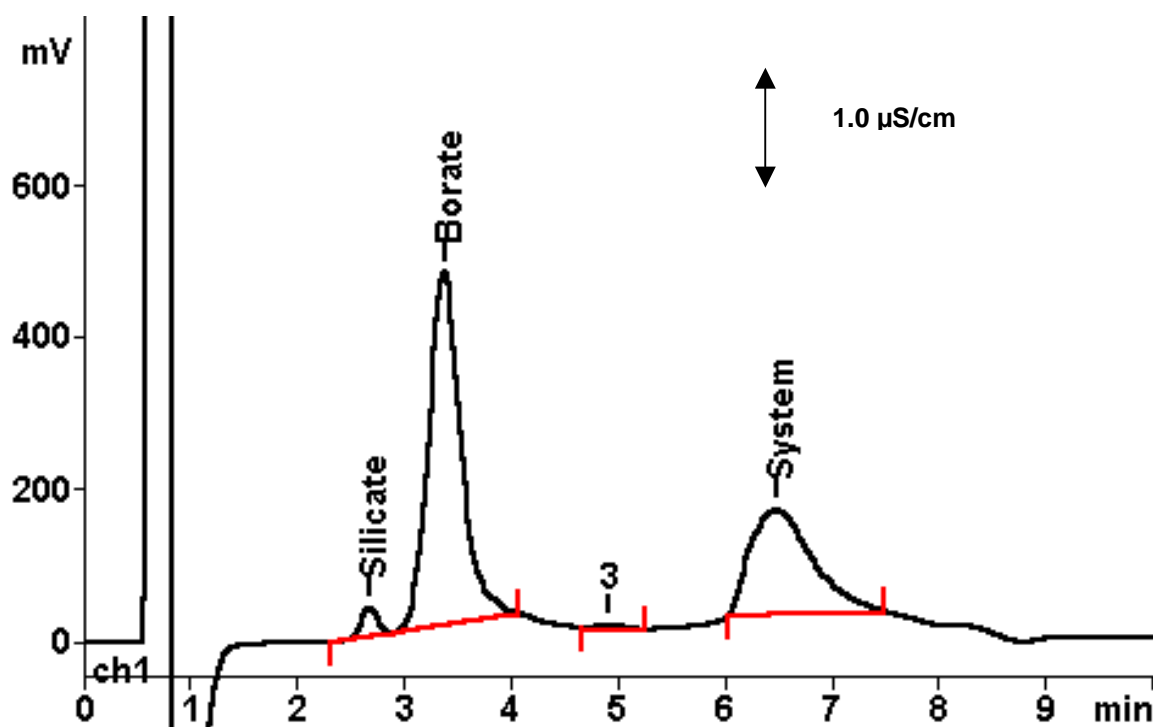
IC Application Note No. N-42

Title: Silicate and borate in ethylene glycol

Summary: Determination of silicate and borate in ethylene glycol using anion chromatography with direct conductivity detection.

Sample: Ethylene glycol
Sample Preparation: Dilution 1 : 1000 in ultrapure water

Column: 6.1005.100 Phenomenex Starlon A300
Eluent: 1 mmol/L NaOH, 0.1 mmol/L Na₂CO₃, 15 mmol/L Fructose
Flow: 1.5 mL/min
Injection Volume: 20 µL



Results:	Silicate mg/L	Borate mg/L
	211	4864