

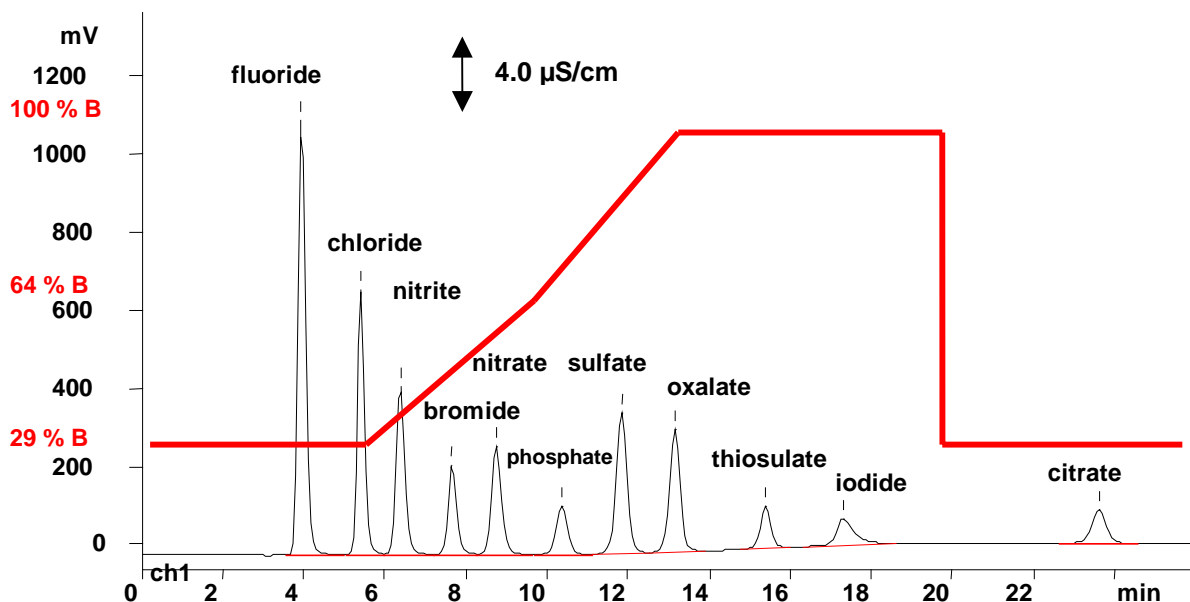
IC Application Note No. S-154

Title: Eleven anions with high pressure gradient elution

Summary: Determination of fluoride, chloride, nitrite, bromide, nitrate, phosphate, sulfate, oxalate, thiosulfate, iodide and citrate in a standard solution using anion chromatography with a high pressure gradient and conductivity detection after chemical suppression.

Sample: Standard solution
Sample preparation: –

Column: 6.1006.510 Metrosep A SUPP 5 - 100
Eluent A: Ultrapure water
Eluent B: 12 mmol/L sodium carbonate, 2.4 mmol/L sodium hydrogencarbonate
Suppressor: 828 Dual Suppressor
Flow: 0.7 mL/min
Injection Volume: 20 μ L



Results:	Fluoride, chloride, nitrite, bromide, nitrate, phosphate, sulfate, oxalate, thiosulfate, iodide, citrate
	10 mg/L each