

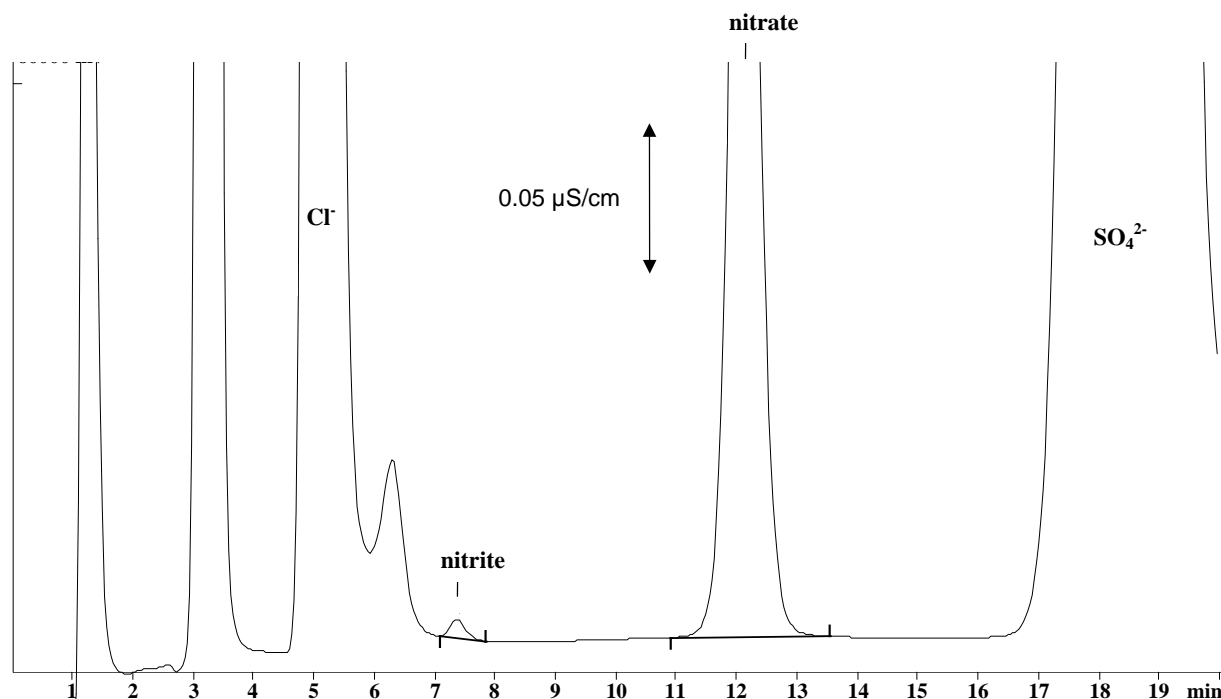
IC Application Note No. S-20

Title: Nitrite and Nitrate in Waste Water

Summary: Determination of nitrite and nitrate in waste water using anion chromatography with conductivity detection after chemical suppression.

Sample: Waste Water
Sample Preparation: Dilution 1:25

Column: 6.1006.100 Metrosep Anion Dual 2
Eluent: 2 mmol/L sodium hydrogencarbonate, 1.2 mmol/L sodium carbonate
Suppressor: Metrohm Suppressor Module (MSM, 50 mmol/L H₂SO₄)
Flow: 0.8 mL/min
Injection Volume: 20 µL



Results:	Cl ⁻	NO ₂ ⁻ mg/L	NO ₃ ⁻ mg/L	SO ₄ ²⁻
		not quantified	0.81	99.1