

IC Application Note No. S-152

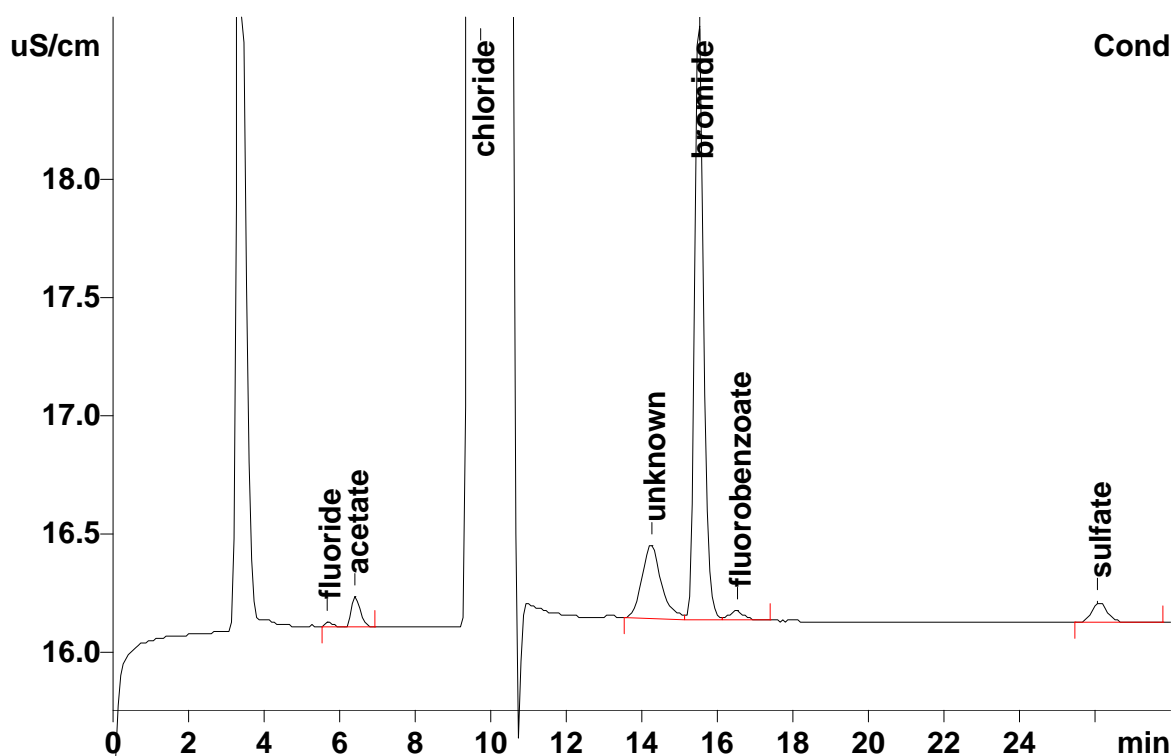
Title: 2-Fluorobenzoate in water deposits

Summary: Determination of 2-fluorobenzoate in a water deposit from the oil production industry using anion chromatography with conductivity detection and chemical suppression.

Sample: Water deposit from the oil production industry

Sample preparation: Dilution 1 : 50, injection through C8 cartridge

Column: 6.1006.530 Metrosep A SUPP 5 – 250
Eluent: 3.2 mmol/L sodium carbonate, 1.0 mmol/L sodium hydrogencarbonate
Suppressor: MSM (50 mmol/L H₂SO₄)
Flow: 0.7 mL/min
Injection Volume: 20 µL



Results:	Fluorobenzoate mg/L
Spiked:	0.5

The remaining components have not been quantified