

IC Application Note No. S-220

Title: Sodium thiooctanoate in waste water

Summary: Determination of thiooctanoate in waste water applying anion chromatography with conductivity detection after chemical suppression.

Sample: Waste water

Sample Preparation: Dilution 1 : 5 with ultrapure water, inline ultrafiltration prior to injection

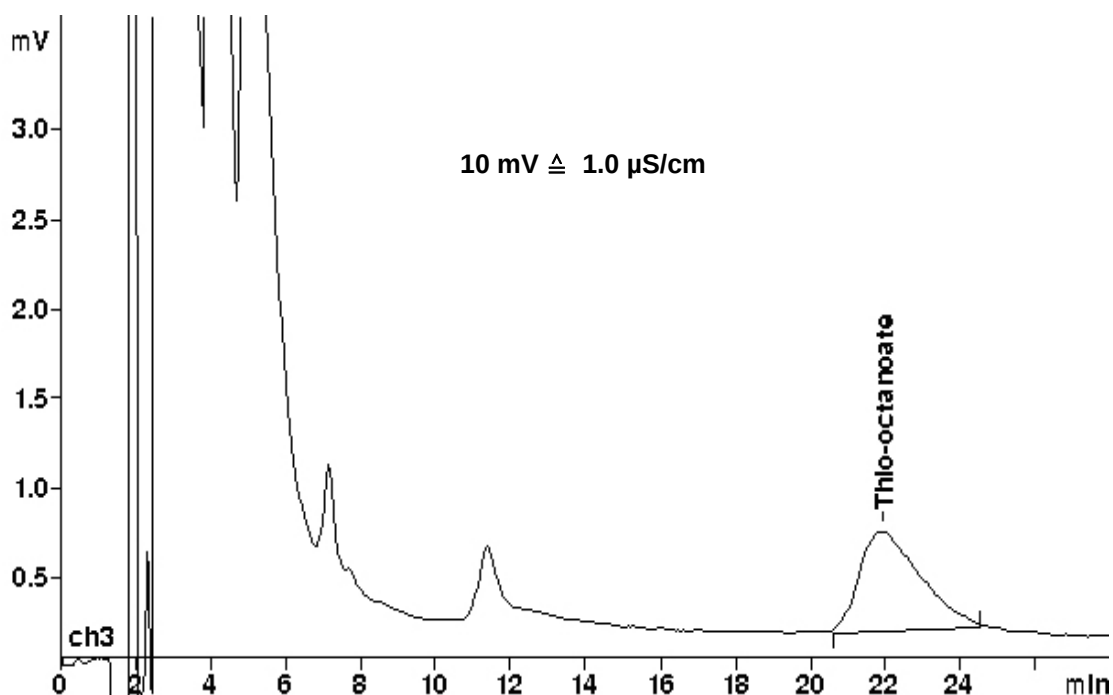
Column: 6.1006.510 Metrosep A Supp 5 – 100

Eluent: 6.4 mmol/L sodium carbonate
2.0 mmol/L sodium hydrogencarbonate
10% acetone

Suppressor: Metrohm Suppressor Module (MSM, 100 mmol/L sulfuric acid)

Flow: 0.7 mL/min

Injection Volume: 100 µL



Results:	Thiooctanoate mg/L
	4.172