

# IC Application Note No. N-64

**Title:** Sodium dodecylsulfate (SDS) in water

**Summary:** Determination of sodium dodecylsulfate (SDS, sodium laurylsulfate) applying anion chromatography with direct conductivity detection.

**Sample:** Solution of approx. 2% SDS

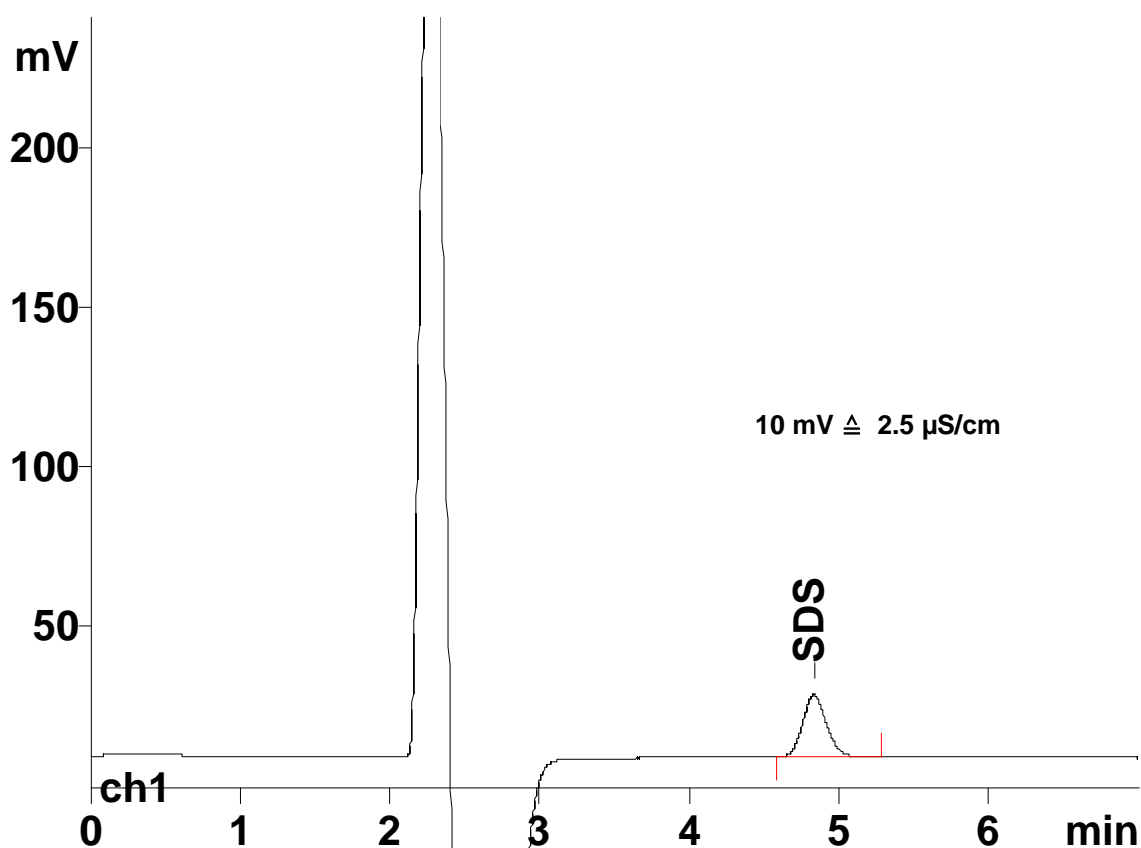
**Sample Preparation:** Dilution 1 : 200 (gravimetrically) with ultrapure water

**Column:** 6.1008.100 Prontosil 120-5-C18-AQ

**Eluent:** 0.1% phosphoric acid  
10% methanol

**Flow:** 0.7 mL/min

**Injection Volume:** 25  $\mu$ L



<b>Results:</b>	Sodium dodecylsulfate g/kg
	20.68