

## Ionic Surfactants in Sea Water by LC/MS/MS on Kinetex C8

**Column:** Kinetex® 2.6 µm C8 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4497-AN

**Elution Type:** Gradient

**Eluent A:** 5 mM Ammonium Acetate

**Eluent B:** 100% MeOH

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	1.5	15	85
	3	4	15	85
	4	4.1	5	95
	5	5	5	95
	6	5.01	85	15
	7	7	85	15



Products used in this application:

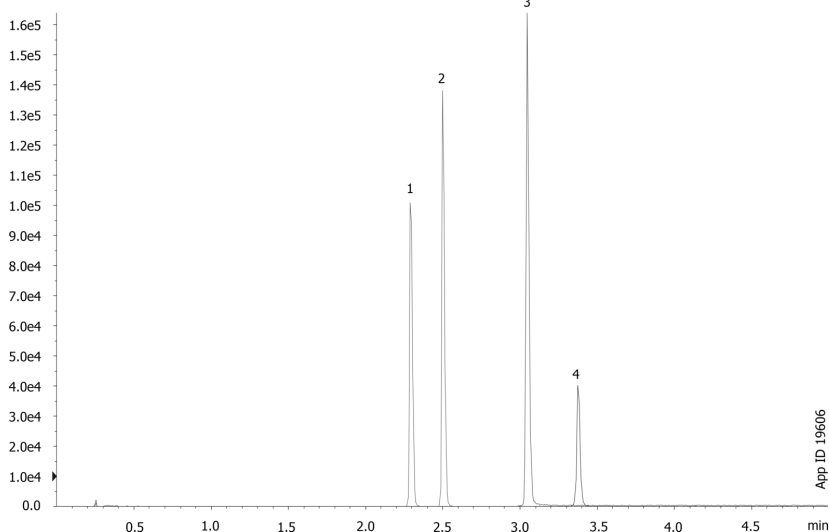


**Flow Rate:** 0.4 mL/min

**Col. Temp.:** ambient

**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Detector Info:** <a target="\_blank" href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX</a>



### ANALYTES:

- 1** 1-Heptane Sulfonate  
Retention Time: 2.29 min
- 2** 1-Octane Sulfonate  
Retention Time: 2.5 min
- 3** 1-Dodecyl Sulfate  
Retention Time: 3.05 min
- 4** bis(2-Ethylhexyl)sulfosuccinate  
Retention Time: 3.38 min

