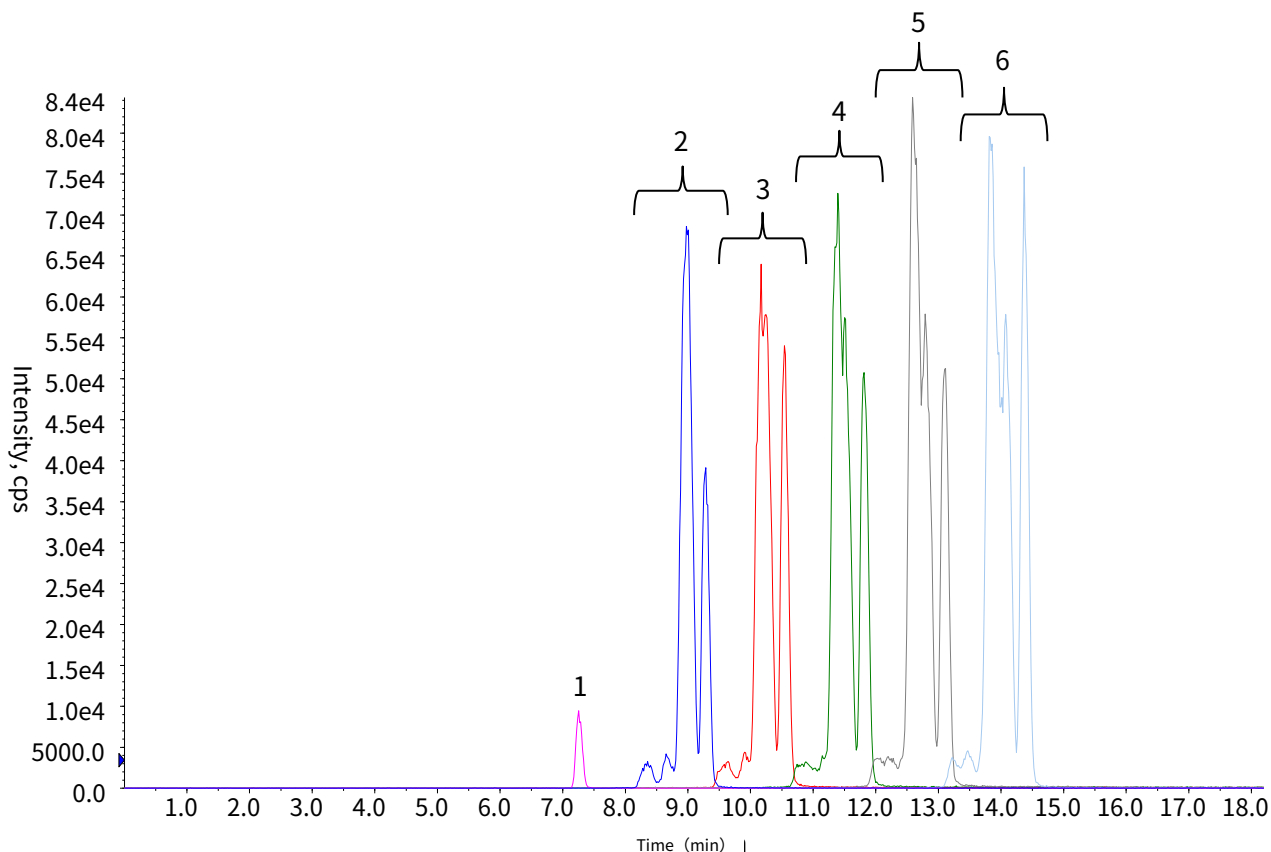


Analysis of Linear alkylbenzene sulfonate

Data No. LB149-0888



Conditions

System

: LC800 HPLC System
4000 QTRAP®

Column

: InertSustain C18 HP
(3 µm, 150 x 2.1 mm I.D.)

Column Cat. No.

: 5020-14415

Eluent

: A) CH₃CN
B) 0.1 % HCOOH + 50 mM HCOONH₄ in H₂O
A/B = 40/60 - 12min - 80/20 - 3min - 80/20
- 1min - 95/5 - 10min - 95/5 - 1min
- 60/40 - 6min, v/v

Flow Rate

: 0.2 mL/min

Col. Temp.

: 40 °C

Detection

: LC/MS/MS (4000 QTRAP® ESI, Negative, MRM)

CUR	CAD	IS	TEM	GS1	GS2
20	12	-4500	700	60	30

Injection Vol.

: 5 µL

Analyte:

1. Sodium Octylbenzenesulfonate(C8) (I.S.)
 2. Sodium Decylbenzenesulfonate(C10)
 3. Sodium Undecylbenzenesulfonate(C11)
 4. Sodium Dodecylbenzenesulfonate(C12)
 5. Sodium Tridecylbenzenesulfonate(C13)
 6. Sodium Tetradecylbenzenesulfonate(C14)
- in CH₃CN/H₂O = 65/35, v/v
each 50 µg/L (I.S. 5 µg/L)