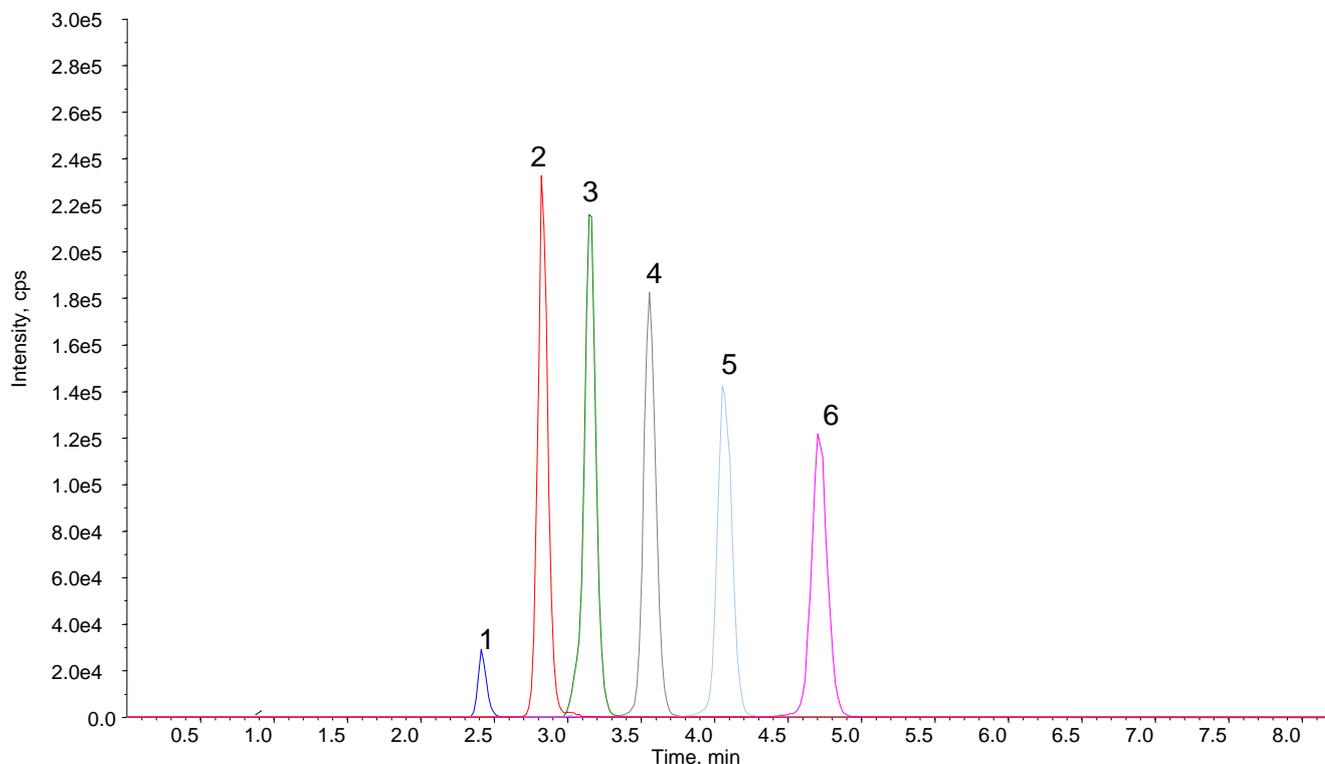


Analysis of Linear alkylbenzene sulfonate

Data No. LB150-0888



Conditions

System : LC800 HPLC System
4000 QTRAP®

Column : Inertsil C8-4 HP
(3 μ m, 150×2.1 mm I.D.)

Column Cat. No. : 5020-03975

Eluent : A) CH₃CN
B) 0.1 % HCOOH + 50 mM HCOONH₄ in H₂O
A/B = 65/35, 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
10 4 -4500 600 70 40

Injection Vol. : 5 μ L

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 25 μ g/L (I.S. 5 μ g/L)