

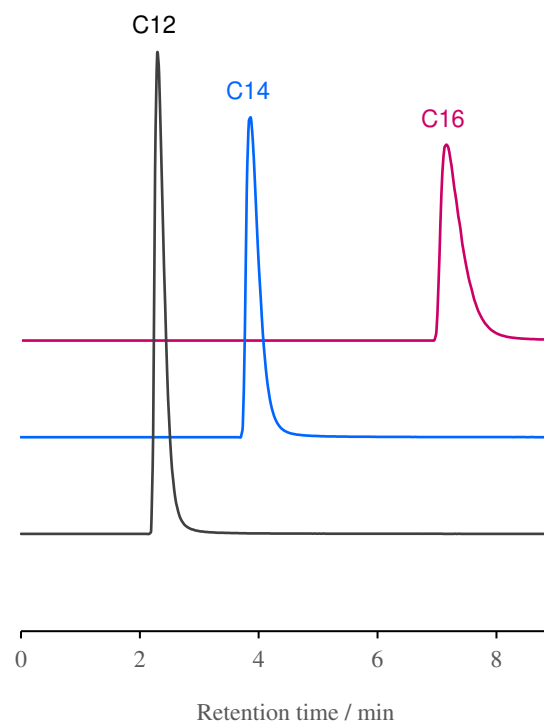
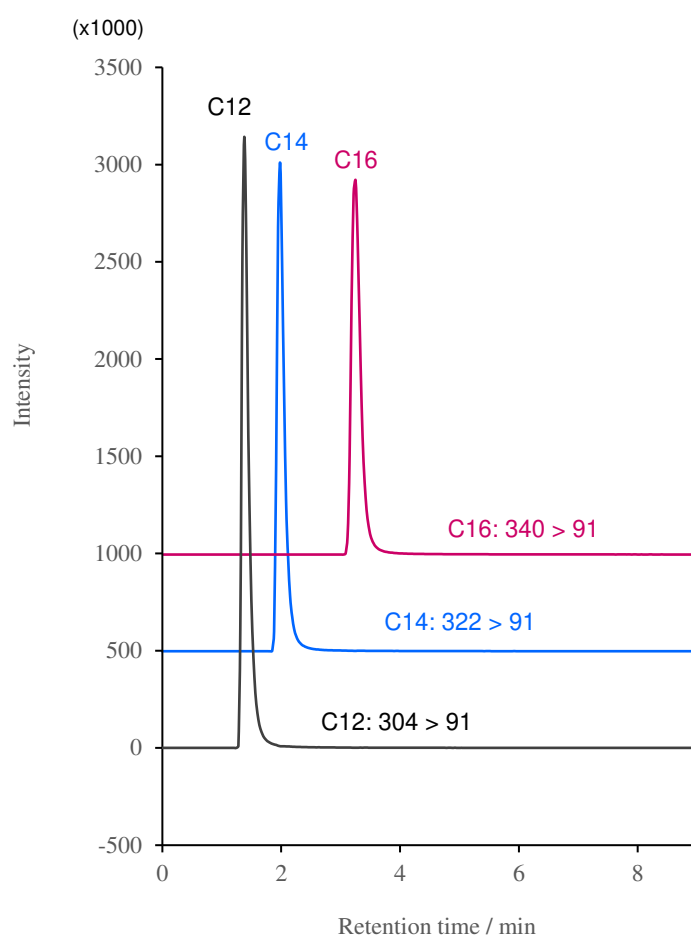
塩化ベンザルコニウムの分離

SunBridge C18 5 μ m, 100 x 2.1 mm i.d.

Benzalkonium chloride

SunBridge C18 5 μ m

Company E C18 3.5 μ m



Column: SunBridge C18 5 μ m, Company E (hybrid) C18 3.5 μ m

Column dimension: 100 x 2.1 mm i.d.

Mobile phase: Acetonitrile/10 mM ammonium formate in water = 75 / 25

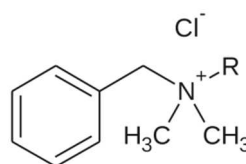
Temperature: 40 $^{\circ}$ C

Flow rate: 0.4 mL/min

Sample: Benzalkonium chloride (each 10 μ g/mL)

Detection: MS

MRM C12: 304 > 91, C14: 322 > 91, C16: 340 > 91



C12: R = $(\text{CH}_2)_{11}\text{CH}_3$

C14: R = $(\text{CH}_2)_{13}\text{CH}_3$

C16: R = $(\text{CH}_2)_{15}\text{CH}_3$

提供: 地方独立行政法人大阪産業技術研究所 佐藤先生