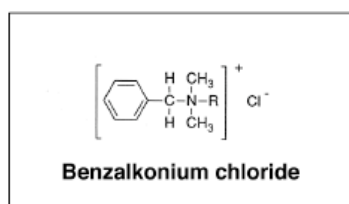


## Analysis of benzalkonium chloride in sticking plaster

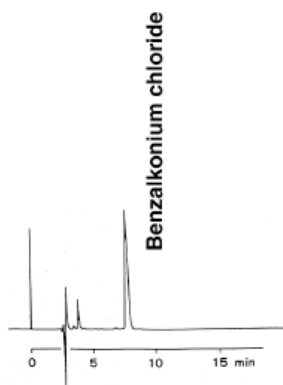
Benzalkonium chloride which was flashed on antiseptic gauze in sticking plaster was analyzed after its extraction from antiseptic gauze. Since Benzalkonium had a longer carbon chain and a basic group, a silica C1 column Finepak SIL C1 in which trimethyl monochloro silica groups are chemically bonded on silica gel was used.

### Conditions:

Detector :	UV/Vis detector
Wavelength :	260 nm
Sensitivity :	0.02 AUFS
Column :	Finepak SIL C1
Eluent :	Ch3CN / 10mM KH2PO4 (80 / 20), C5H11SO3Na (pH4.0)
Flow rate :	1.0 ml/min
Sample :	Extract from the antiseptic gauze on a sticking plaster Benzalkonium chloride solution for flashing on antiseptic gauze



**Fig. 2 Benzalkonium chloride solution for flashing on antiseptic gauze**



**Fig. 1 Extract from the antiseptic gauze on a sticking plaster**

