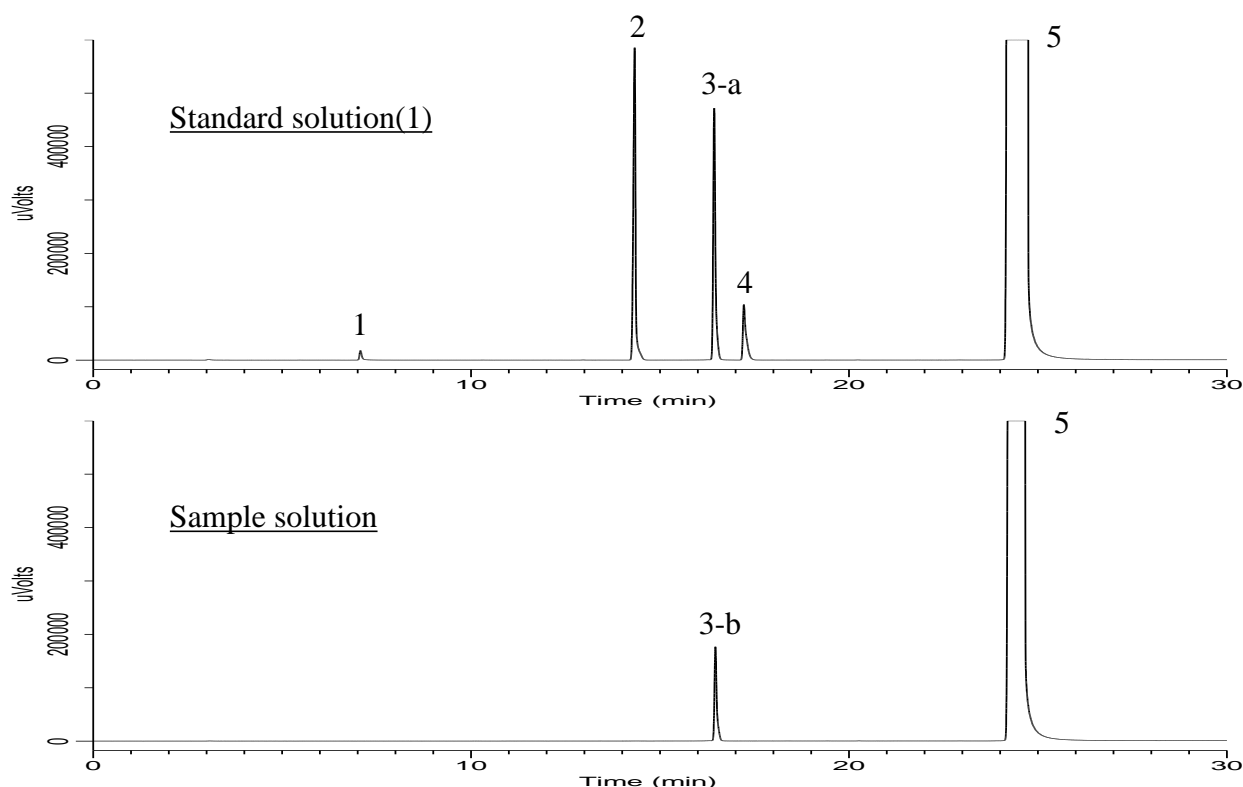


## Analysis of Benzyl Alcohol (Under the condition of the Japanese Pharmacopoeia 18)



### Conditions

<b>System</b>	: GC4000 Plus-FID
<b>Column</b>	: InertCap Pure-WAX 0.32 mm I.D. × 30 m df = 0.5 μm
<b>Col. Cat. No.</b>	: 1010-68244
<b>Col. Temp.</b>	: 50 °C - 5 °C/min - 220 °C (35 min)
<b>Carrier Gas</b>	: He 1.21 mL/min (25 cm/sec)
<b>Injection</b>	: Splitless 200 °C
<b>Detection</b>	: FID Auto Range 310 °C
<b>Sample Size</b>	: 0.1 μL
<b>Analyte</b>	: 1. Ethylbenzene 2. Dicyclohexyl 3. Benzaldehyde 4. Cyclohexanemethanol 5. Benzyl Alcohol

### System suitability

Resolution (3-a, 4)	: 6.79 (≥ 3.0)
Relative retention time (1 to 5)	: 0.29 (about 0.28)
Relative retention time (2 to 5)	: 0.58 (about 0.59)
Relative retention time (3-a to 5)	: 0.67 (about 0.68)
Relative retention time (4 to 5)	: 0.70 (about 0.71)