

# Components of Functional Cosmetics Analysis

## 1. Analytical Condition

### YL 9100 Series QC Analyzer

Column : C18 (4.6 X 150mm, 5 $\mu$ m)

Detector : UV/Vis 260nm

Injection Volume : 20 $\mu$ l

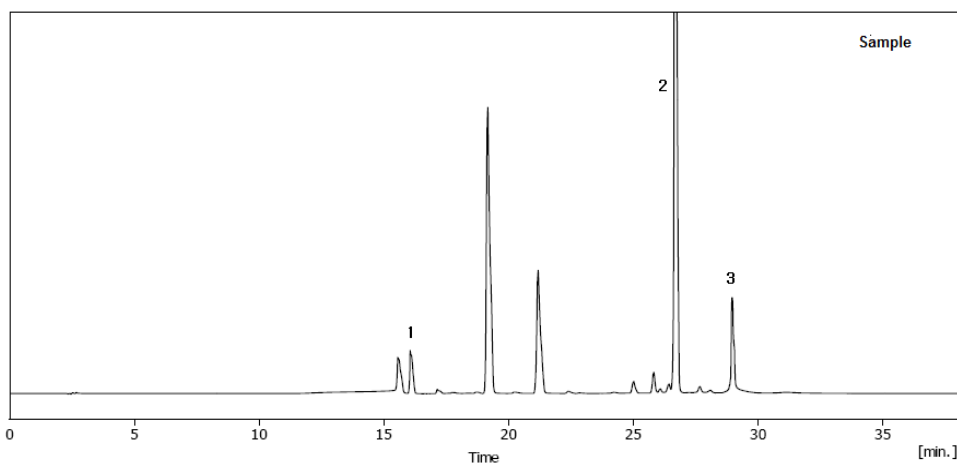
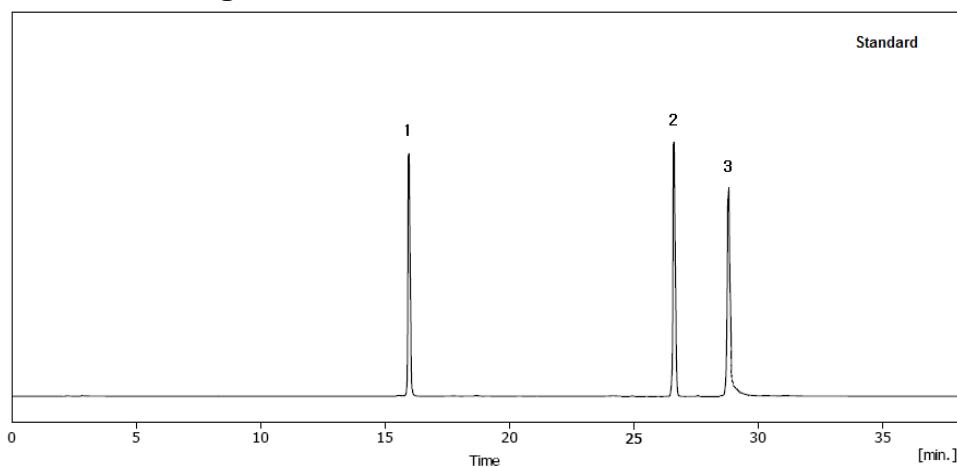
Flow Rate : 1ml/min

Mobile Phase : A: ACN

B: pH=7 (10mM KH<sub>2</sub>PO<sub>4</sub>+10mM K<sub>2</sub>HPO<sub>4</sub>)

Gradient Program	A(%)	B(%)
Init	0	100
15min	50	50
20min	70	30
23min	100	0
25min	100	0
26min	0	100

## 2. Chromatogram



1. Adenosine
2. Isoamyl-p-Methoxycinnamate
3. Ethylhexyl Methoxycinnamate