



1 Theophylline	2 2-Acetylfuran	3 Acetanilide
4 Acetophenone	5 Propiophenone	6 Butyrophenone
7 Benzophenone	8 Valerophenone	9 Hexanophenone
10 Heptanophenone	11 Octanophenone	

HPLC Conditions

Column	CAPCELL PAK C ₁₈ MG S3 : 2.0 mm i.d.×20 mm
Mobile phase	(A) 0.1vol% HCOOH, H ₂ O (B) 0.1vol% HCOOH, CH ₃ CN B 10% (0min) - 100% (4min) - 10% (4.1min) - 10% Gradient
Flow rate	800 μL/min
Temperature	40 °C
Detect	UV 254 nm
Inj. vol.	2.0 μL