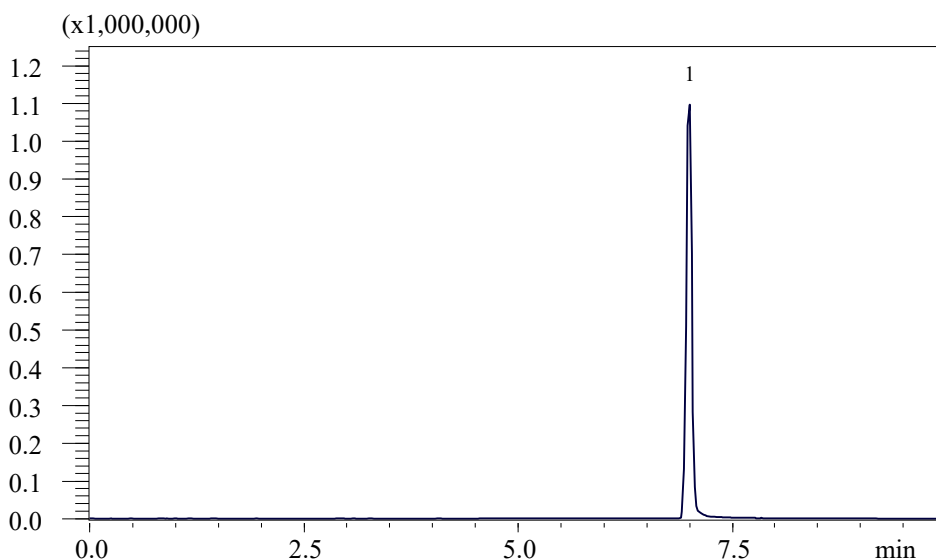


# InertSearch for LC

Inertsil Applications

## Analysis of Dehydroacetic acid

Data No. LB812- 0972



### Conditions

**System** : Nexera HPLC system (Shimadzu) **Analyte:** Q1/Q3  
LCMS-8030 Plus (Shimadzu) 1. :Dehydroacetic Acid 167.00/123.10 1 mg/L

**Column** : IM Column InertSustain C18  
(GL Sciences Inc.)  
(3  $\mu$  m, 150 x 2.1 mm I.D.)

**Column Cat. No.** : 5020-32005

**Eluent** : A) 0.1% HCOOH in CH<sub>3</sub>CN  
B) 0.1% HCOOH in H<sub>2</sub>O

Time (min)	A (vol %)	B (vol %)
0.0	10	90
8.0	90	10
10.0	90	10

**Flow Rate** : 0.2 mL/min  
**Col. Temp.** : 30 °C  
**Detection** : MS/MS (ESI, Positive, SRM)

Nebulizing gas flow	Heating gas flow	Interface temperature	DL temperature	Heat block temperature	Drying gas flow
2 L/min	15 L/min	300 °C	250 °C	400 °C	15 L/min

**Injection Vol.** : 2  $\mu$  L  
**Sample** : Standard