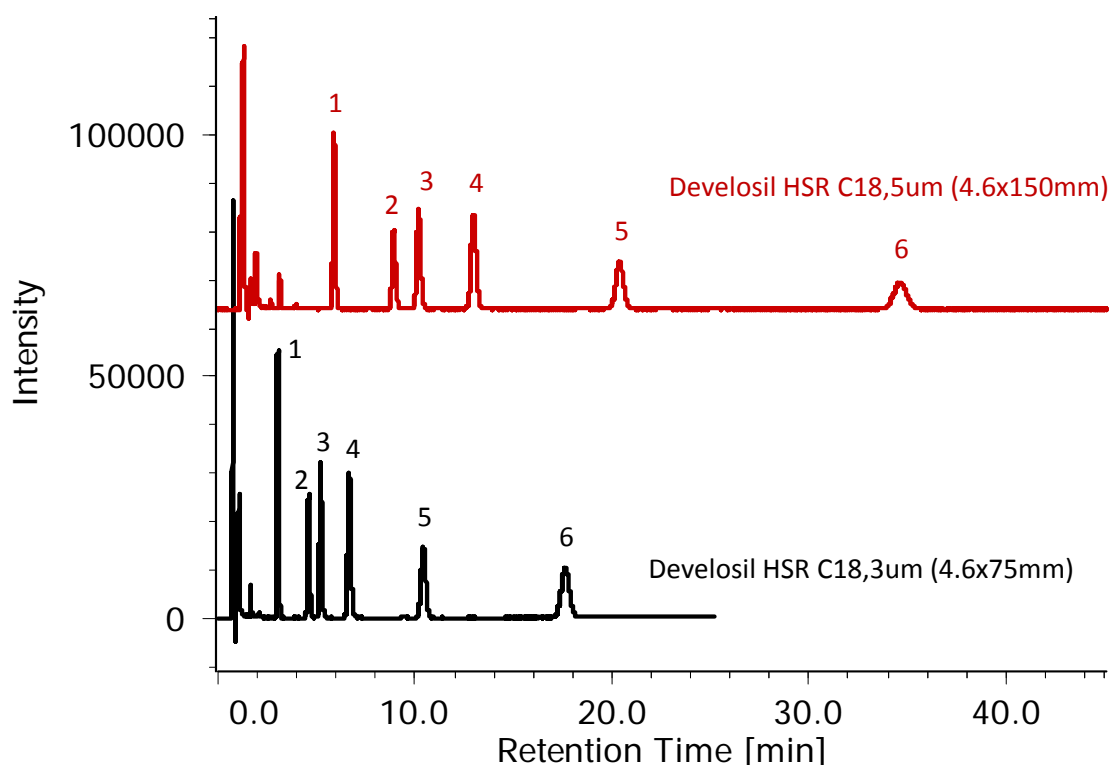


Develosil Application Data

No.078 Fatty Acids/脂肪酸



Analytical Conditions:

Column: **Develosil HSR C18,5um (4.6x150mm)**

Develosil HSR C18,3um (4.6x75mm)

Mobile phase: Acetonitrile/25mM $\text{NH}_4\text{H}_2\text{PO}_4$, pH2.0 =80/20

Flow rate: 1.0mL/min

Temperature: 40°C

Detection: UV400nm

Sample: 1. Lauric acid (0.04mg/mL)

2. Linolenic acid (0.05mg/mL)

3. Myristic acid (0.04mg/mL)

4. Linoleic acid (0.07mg/mL)

5. Oleic acid (0.05mg/mL)

6. Stearic acid (0.04mg/mL)

Fatty acids were derivatized with 2-NPH (YMC Co., Ltd.)

Injection volume: 10uL