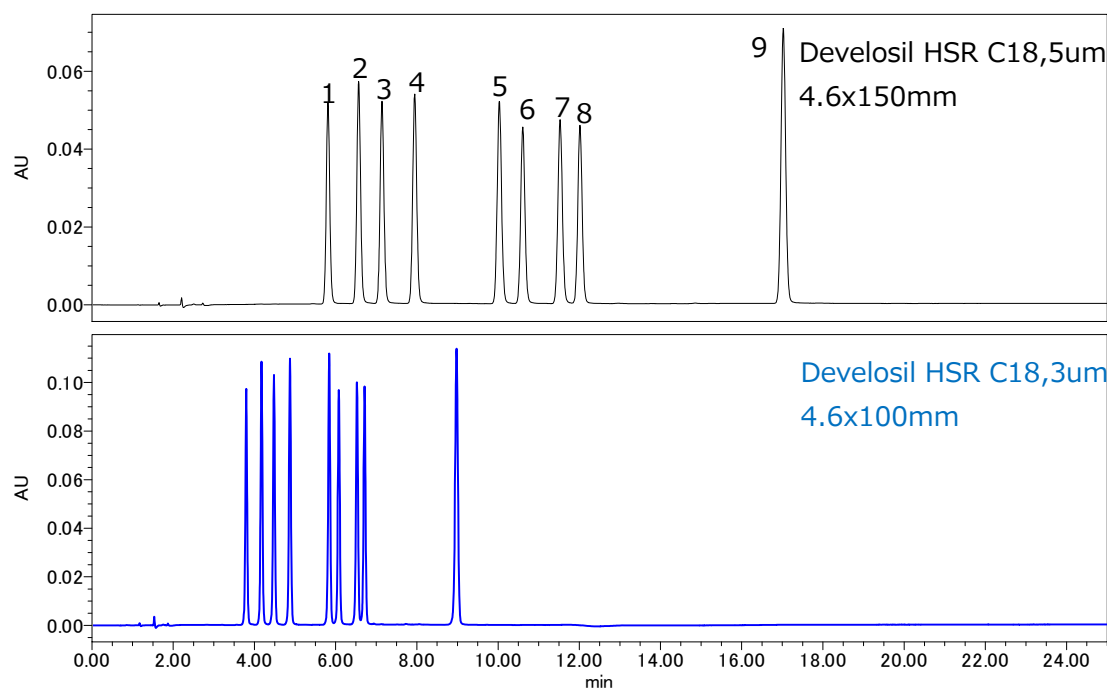


Develosil Application Data

No.080 Sulfa drugs/サルファ薬



Analytical Conditions:

Column: Develosil HSR C18,5µm (4.6x150mm)

Develosil HSR C18,3µm (4.6x100mm)

Mobile phase: A) Water + 0.1% HCOOH
B) Methanol + 0.1% HCOOH

Flow rate: 1.0mL/min

Temperature: 40°C

Detection: UV275nm

Sample: 1. Sulfadiazine (0.04mg/mL)
2. Sulfathiazole (0.05mg/mL)
3. Sulfapyridine (0.06mg/mL)
4. Sulfamerazine (0.06mg/mL)
5. Sulfamethazine (0.06mg/mL)
6. Sulfamethoxy pyridazine (0.06mg/mL)
7. Sulfachloropyridazine (0.05mg/mL)
8. Sulfamethoxazole (0.05mg/mL)
9. Sulfamethoxine (0.08mg/mL)

Injection volume: 2.0µL

System: Waters alliance

Gradient table: 5µm, 4.6x150mm

Time(min)	%A	%B	Curve
0.0	90	10	6
15.0	60	40	6
25.0	60	40	6
25.1	90	10	6

Gradient table: 3µm, 4.6x100mm

Time(min)	%A	%B	Curve
0.0	90	10	6
6.0	60	40	6
10.0	60	40	6
10.5	90	10	6