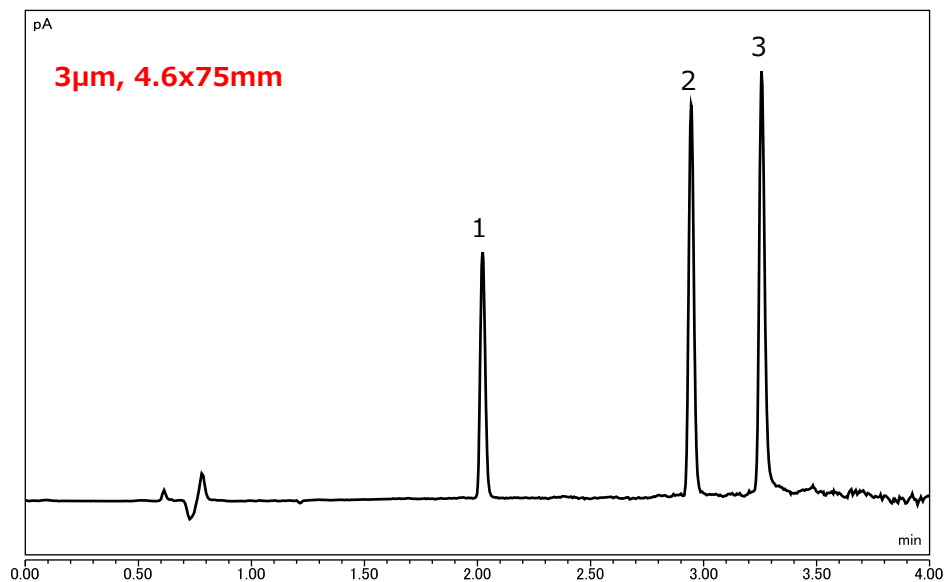
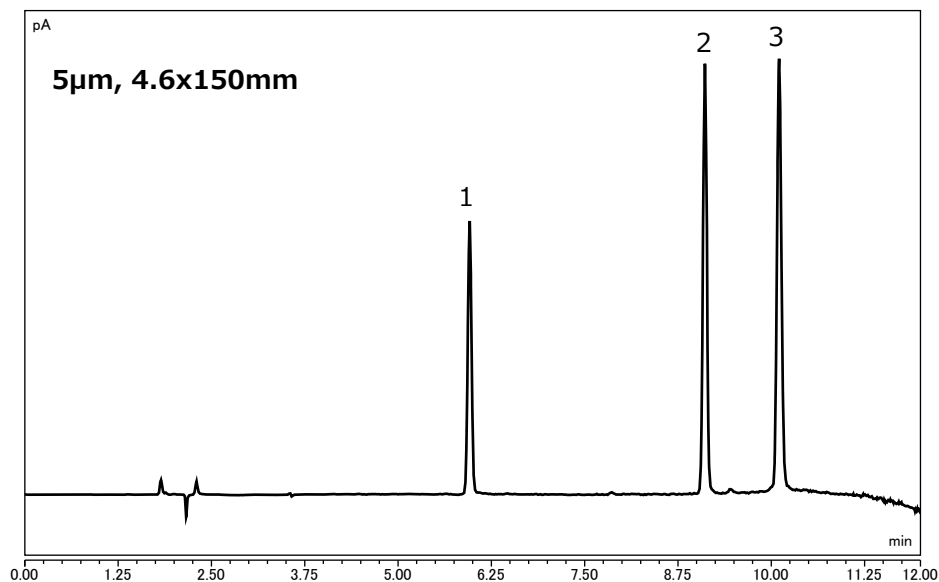


# Develosil® Application Data No.106

## “Analysis of Amyloid β-Protein”



### Analytical conditions:

Column: Develosil HSR C18 Peptide, 5µm (4.6x150mm)  
 Develosil HSR C18 Peptide, 3µm (4.6x75mm)  
 Mobile phase: A) Water + 0.1%TFA B) Acetonitrile + 0.1% TFA

### Gradient:

5µm, 4.6x150mm		
Time (min)	Flow rate (mL/min)	%B
0.0	1.0	0
10.0	1.0	45
12.5	1.0	45
12.6	1.0	0

3µm, 4.6x75mm		
Time (min)	Flow rate (mL/min)	%B
0.00	1.667	0
3.00	1.667	45
3.75	1.667	45
3.78	1.667	0

Temperature: 50°C  
 Detection: CAD  
 Sample: 1.Amyloid β-Protein (1-16) M.W. 1955.0  
 2.Amyloid β-Protein (25-35) M.W. 1060.27  
 3.Amyloid β-Protein (1-40) M.W. 4329.80  
 Injection volume: 5.0µL  
 2.8µL  
 System: Thermo Fisher SCIENTIFIC Ultimate 3000  
 Mixer volume: 150µL