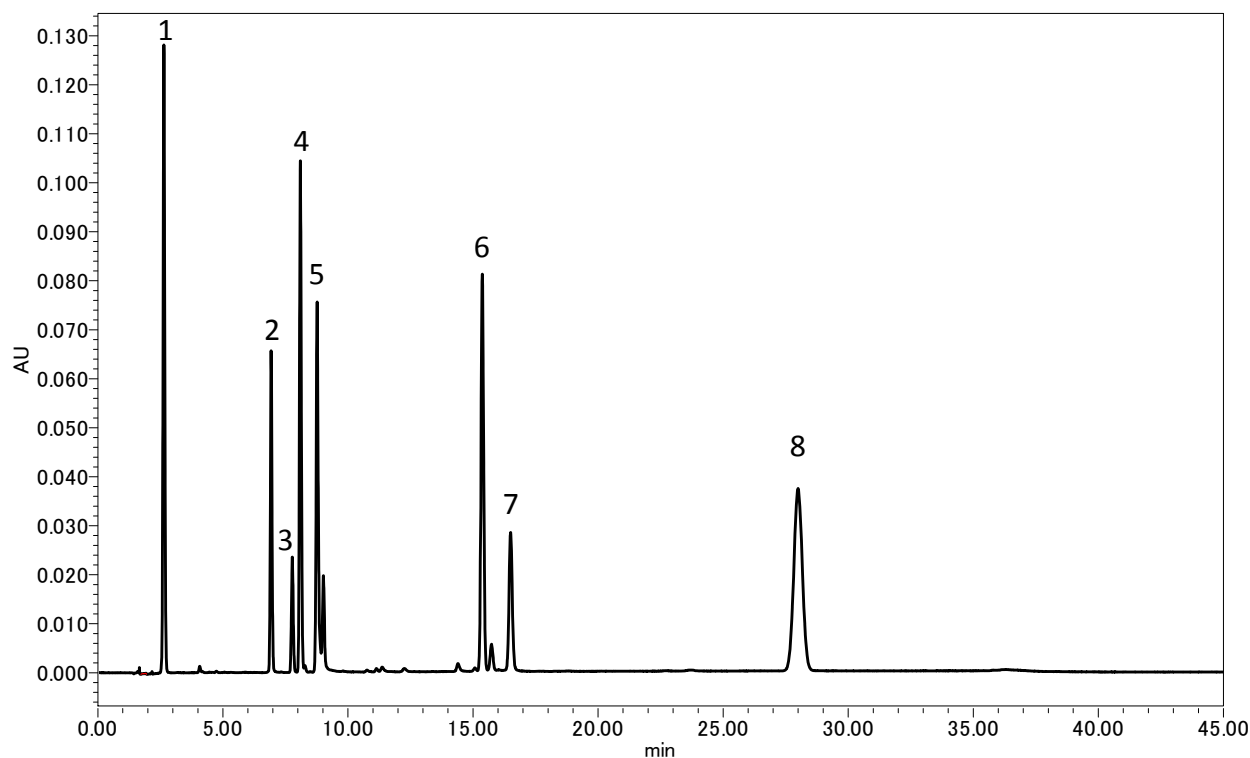


Develosil® Application Data No.112

“Analysis of Polyphenols (HPLC)”



Analytical conditions;

Column: Develosil HSR AQ C18, 5 μ m (4.6x150mm)

Product code: 73-546150W

Mobile phase: A) Water+0.1% H_3PO_4

B) Acetonitrile+0.1% H_3PO_4

Gradient:	min	mL/min	%A	%B
	0.00	1.0	80	20
	12.00	1.0	45	55
	33.75	1.0	45	55
	33.84	1.0	80	20

Temperature: 40°C

Detection: UV260nm (2998 PDA)

Sample	1.Puerarin (10.4 μ g/mL)	5.Quercetin (9.0 μ g/mL)
	2.Baicalin (10.2 μ g/mL)	6.Biochanin A (9.7 μ g/mL)
	3.Resveratrol (9.5 μ g/mL)	7.Curcmin (10.0 μ g/mL)
	4.Daidzein (11.6 μ g/mL)	8.Ipriflavone (11.4 μ g/mL)

Injection volume 2.0 μ L

System Waters alliance e2695