

Table S1. The gradient elution conditions of liquid chromatography and mass spectrometry.

Time(min)	Flow (mL/min)	A% (water+0.1%formic acid)	B% (acetonitrile + 0.1% formic acid)
0	0.3	95	5
2	0.3	60	40
7	0.3	20	80
11	0.3	5	95
15	0.3	5	95
15.5	0.3	95	5
20	0.3	95	5