

Table S1. Mass spectral parameters of three Ginkgolic acids

Compound name	Parent (<i>m/z</i>)	Daughter (<i>m/z</i>)	Cone voltage (V)	Collision energy (V)
Ginkgolic acid C13:0	319.21	275.20	64	20
Ginkgolic acid C15:1	345.20	301.21	26	20
Ginkgolic acid C17:1	373.30	329.30	30	22

Table S2. Spiking recovery of UPLC-MS/MS method

Analytes	Original concentration ($\mu\text{g/mL}$)	Spiked concentration ($\mu\text{g/mL}$)	Detected concentration ($\mu\text{g/mL}$)	Recovery rate (%)	Average recovery rate (%)	RSD (%)
Ginkgolic acid C13:0	0.5625	0.5625	1.1607	106.34	103.92	1.74
			1.1444	103.44		
			1.1362	101.98		
		1.6875	2.2708	101.23	102.21	0.69
			2.2926	102.52		
			2.2986	102.88		
		3.9375	4.4776	99.43	96.62	2.39
			4.2547	93.77		
			4.3689	96.67		
Ginkgolic acid C15:1	0.35	0.35	0.7176	105.03	102.97	2.86
			0.7178	105.07		
			0.6958	98.80		
		1.05	1.3641	96.58	98.09	1.38
			1.3987	99.87		
			1.3772	97.83		
		2.45	2.8130	100.53	96.33	3.18
			2.6457	93.30		
			2.6813	95.15		
Ginkgolic acid C17:1	0.3375	0.3375	0.6880	103.84	104.89	0.72
			0.6928	105.26		
			0.6938	105.57		
		1.0125	1.3648	101.46	101.05	3.89
			1.3100	96.05		
			1.4072	105.65		
		2.3625	2.6885	99.52	100.91	1.47
			2.7702	102.97		
			2.7054	100.23		