

Table S1. LC-MS analysis of constituents in *S. baicalensis*.

Peak No.	Major Component	Retention Time (min)	Measured m/z	Calculated m/z	Molecular Formula	Intensity	Percentage (%)
1	Chrysin 6-C-arabinoside-8-C-glucoside	2.5	547.1323	547.1457	C ₂₆ H ₂₇ O ₁₃	4,919,767	13.1
2	Chrysin 6-C-glucoside-8-C-arabinoside	3.2	547.1318	547.1457	C ₂₆ H ₂₇ O ₁₃	3,280,141	8.3
3	Scutellarin	3.5	461.1123	461.0803	C ₂₁ H ₁₈ O ₁₂	315,107	2.1
4	Quercetin	5.4	301.0262	301.0432	C ₁₅ H ₁₀ O ₇	370,341	0.7
5	Baicalin	7.8	445.0662	445.0776	C ₂₁ H ₁₇ O ₁₁	4,759,367	16.5
6	Wogonoside	8.0	459.0819	459.0933	C ₂₂ H ₁₉ O ₁₁	3,733,587	6.9
7	Oroxyloside	8.2	459.0818	459.1011	C ₂₂ H ₂₀ O ₁₁	4,646,815	10.1
8	Rhamnocitrin	8.9	299.0475	299.0612	C ₁₆ H ₁₂ O ₆	724,107	1.4
9	Baicalein	9.3	269.0376	269.0455	C ₁₅ H ₉ O ₅	14,651,640	34.2
10	Oroxylin A	10.3	283.0528	283.0612	C ₁₆ H ₁₁ O ₅	1,607,887	8.1

Note. "m" represents the mass and "z" represents the charge of the ion. m/z represents the mass divided by the charge number, known as the mass-to-charge ratio, and is used as the horizontal axis unit in the mass spectrum.