

Peak no	t _R (min)	Selected ion	Formula	Measured mass(m/z)	Calculated mass(m/z)	Error		DBE	Compound
						mDa	ppm		
1	10.325	[M-H] ⁻	C ₁₃ H ₁₇ O ₇	285.0961	285.0974	-1.3281	-4.6586	5.5	Gastrodin*
2	16.26	[M-H] ⁻	C ₁₀ H ₈ O ₄	191.0348	191.0344	0.3661	1.9167	7.5	Scopoletin
3	21.959	[M-H] ⁻	C ₁₅ H ₁₄ O ₆	289.0722	289.0712	0.9866	3.4131	9.5	Epicatechin
4	37.917	[M-H] ⁻	C ₂₇ H ₃₄ N ₂ O ₉	529.2189	529.2186	0.2939	0.5553	12.5	Vincoside/Strictosidine
5	48.175	[M-H] ⁻	C ₂₇ H ₃₄ N ₂ O ₉	529.2184	529.2186	-0.2060	-0.3894	12.5	Vincoside/Strictosidine
6	49.152	[M-H] ⁻	C ₂₆ H ₃₀ N ₂ O ₈	497.1918	497.1923	-0.5912	-1.1892	13.5	Vincoside Lactam/Strictosamide
7	46.004	[M-H] ⁻	C ₂₆ H ₃₀ N ₂ O ₈	497.1914	497.1923	-0.9912	-1.9937	13.5	Vincoside Lactam/Strictosamide
8	50.039	[M-H] ⁻	C ₂₂ H ₂₆ N ₂ O ₄	381.1817	381.1814	0.2674	0.7015	11.5	(Iso)Corynoxene
9	52.011	[M-H] ⁻	C ₂₂ H ₂₆ N ₂ O ₄	381.1805	381.1814	-0.9325	-2.4465	11.5	(Iso)Corynoxene
10	53.151	[M-H] ⁻	C ₂₂ H ₂₈ N ₂ O ₄	383.1970	383.1970	-0.0826	-0.2157	10.5	Rhynchophylline*
11	47.524	[M-H] ⁻	C ₂₇ H ₃₄ N ₂ O ₁₀	545.2134	545.2135	-0.1207	-0.2214	12.5	Dihydrocadambine

12	41.734	[M-H] ⁻	C ₂₁ H ₂₆ N ₂ O ₄	369.1818	369.1814	0.3674	0.9952	10.5	(Iso)Rhynchophyllic Acid
13	42.494	[M-H] ⁻	C ₂₁ H ₂₆ N ₂ O ₄	369.1817	369.1814	0.2674	0.7243	10.5	(Iso)Rhynchophyllic Acid
14	51.142	[M-H] ⁻	C ₂₂ H ₂₈ N ₂ O ₄	383.1973	383.1970	0.2173	0.5671	10.5	Corynoxine
15	41.427	[M-H] ⁻	C ₂₁ H ₂₄ N ₂ O ₄	367.1663	367.1657	0.5175	1.4094	11.5	(Iso)Pteropodine
16	42.874	[M-H] ⁻	C ₂₁ H ₂₄ N ₂ O ₄	367.1656	367.1657	-0.1824	-0.4970	11.5	(Iso)Pteropodine

Supplementary

Tables S1 Main components identified in Yizhi Tablet by HPLC-MS

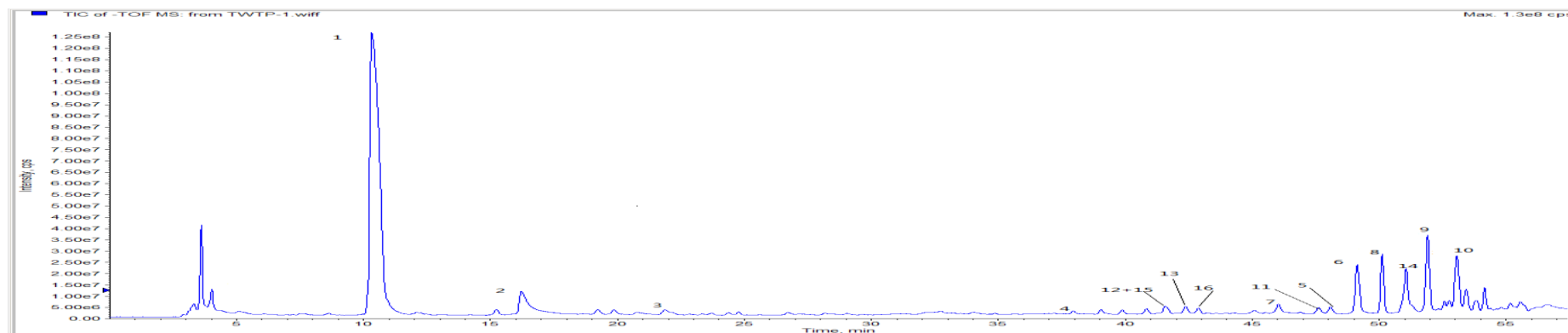


Fig.S1 Total ion chromatogram (TIC) profile of Yizhi Tablet (negative ion mode). The number of peaks marked in Fig.S1 is corresponding to Table S1.