



**Fig. S1** Total ionic chromatogram of EZhu by UPLC-Q/TOF-MS.

**Table.S1** Identification of 21 chemical compounds in EZhu by UPLC-Q/TOF-MS

No.	RT (min)	Formula	M(Da)	[M+H] <sup>+</sup> (m/z)				
				Indicated	ppm	Prominent MS <sup>2</sup> fragmentation	Identification	metabolite class
1	2.16	C <sub>15</sub> H <sub>20</sub> O <sub>5</sub>	280.1310	281.1389	1.8	281,245,227,203,156,107,91	Zedoalactone B	guaiane-type
2	5.74	C <sub>15</sub> H <sub>22</sub> O <sub>3</sub>	250.1569	251.1644	1.1	233,215,191,173,165,159,145	Aerugidiol	guaiane-type
3	7.06	C <sub>15</sub> H <sub>20</sub> O <sub>4</sub>	264.1362	265.1434	2.5	247,229,121,105,91	Zedoarofuran	eudesmane-type
4	7.51	C <sub>15</sub> H <sub>18</sub> O <sub>3</sub>	246.1256	247.1333	1.5	247,229,189,183,128,105	Zederone	germacrane-type
5	9.16	C <sub>15</sub> H <sub>24</sub> O <sub>3</sub>	252.1725	253.1800	0.6	253,235,189,175,147,133,107	Zedoarondiol	guaiane-type
6	10.25	C <sub>15</sub> H <sub>20</sub> O	216.1514	217.1588	0.3	217,199,169,157,128,131,55	Furanodiene	germacrane-type
7	10.25	C <sub>15</sub> H <sub>22</sub> O <sub>2</sub>	234.1620	235.1693	0.3	235,217,189,135	Curcumenol	guaiane-type
8	10.71	C <sub>15</sub> H <sub>22</sub> O <sub>2</sub>	234.1620	235.1693	0.5	235,177,161,105,91	Curcumenone	carane-type
9	11.15	C <sub>15</sub> H <sub>16</sub> O	212.1201	213.1274	-0.2	213,197,155,128,69	Pyrocurzerenone	laserane-type
10	11.17	C <sub>15</sub> H <sub>18</sub> O <sub>2</sub>	230.1307	231.1381	-0.2	231,213,185,157,142,128	Curzerenone	elemene-type
11	11.20	C <sub>21</sub> H <sub>22</sub> O <sub>6</sub>	370.1416	371.1489	0.5	371,177,137,117	Dihydrocurcumin	curcumins-type
12*	11.23	C <sub>20</sub> H <sub>18</sub> O <sub>5</sub>	338.3539	339.1230	1.0	339,255,223,177,147,119	Demethoxycurcumin	curcumins-type

13*	11.57	C <sub>21</sub> H <sub>20</sub> O <sub>6</sub>	368.1260	369.1339	1.0	369,285,253,177,145,117	Curcumin	curcumins-type
14	12.25	C <sub>15</sub> H <sub>24</sub> O <sub>2</sub>	236.1776	237.1851	0.9	237,219,135,107,93,81	Neocurdione	germacrane-type
15*	13.03	C <sub>15</sub> H <sub>24</sub> O <sub>2</sub>	236.1776	237.1848	-0.5	219,135,107,93,79,67	Curdione	germacrane-type
16	13.47	C <sub>15</sub> H <sub>16</sub> O <sub>2</sub>	228.1150	229.1223	2.1	229,213,201	Curzeone	cadinane-type
17	14.37	C <sub>15</sub> H <sub>20</sub> O <sub>2</sub>	232.1463	233.1536	0.8	233,175,147,105,119,91	Furanogermenone	germacrane-type
18	16.38	C <sub>15</sub> H <sub>20</sub> O <sub>3</sub>	248.1410	249.1488	1.0	249,203,163,143,105,91,69	Curcumenolactones A	carane-type
19*	16.55	C <sub>15</sub> H <sub>24</sub> O <sub>2</sub>	236.1776	237.1850	0.5	237,163,135,95,69	Curcumol	guaiane-type
20*	17.02	C <sub>15</sub> H <sub>22</sub> O	218.1671	219.1745	0.5	219,159,129,105,81	Germacrone	germacrane-type
21	17.48	C <sub>15</sub> H <sub>24</sub> O	220.3505	221.1900	0.2	221,203,151,123,109,95,81	Bisacurool	bisabolane-type

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\* means this component is identified by compared with standard substance.