

**Table S4.** Components in leaf, stem and root of *A. sacrorum*.

Code	Compound	RT (min)	Type	Concentration ( $\mu\text{g/g}$ FW)		
				Leaf	Stem	Root
1	Camphene	7.8	MT	17.7 $\pm$ 2.66	ND	ND
2	beta-Myrcene	8.9	MT	8.4 $\pm$ 1.13	ND	ND
3	Eucalyptol	10.2	OMT	17.8 $\pm$ 0.93	ND	ND
4	(+)-2-Bornanone	14.7	OMT	193.3 $\pm$ 9.49	28.0 $\pm$ 0.06	ND
5	endo-Borneol	15.6	OMT	38.8 $\pm$ 6.16	11.5 $\pm$ 2.71	ND
6	gamma-Elemene	23	ST	4.6 $\pm$ 2.82	ND	ND
7	Silphinene	23.2	ST	ND	ND	7.8 $\pm$ 1.00
8	Modephene	24.7	ST	ND	ND	31.6 $\pm$ 0.37
9	(-)-alpha-Isocomene	25.0	ST	ND	ND	11.1 $\pm$ 0.48
10	beta-Ylangene	26.3	ST	43.9 $\pm$ 1.68	12.3 $\pm$ 0.02	ND
11	Caryophyllene	26.4	ST	ND	ND	11.3 $\pm$ 3.22
12	cis-beta-Copaene	26.8	ST	14.3 $\pm$ 0.39	4.5 $\pm$ 0.19	ND
13	(-)-Isogermacrene D	27.4	ST	5.4 $\pm$ 0.37	ND	ND
14	gamma-Muurolene	27.7	ST	8.7 $\pm$ 1.80	ND	ND
15	cis-beta-Farnesene	28.0	ST	ND	ND	18.7 $\pm$ 3.15
16	Germacrene D	28.8	ST	56.6 $\pm$ 2.17	17.8 $\pm$ 2.60	ND
17	beta-Bergamotene	29.0	ST	13.0 $\pm$ 1.04	ND	ND
18	(-)-Zingiberene	29.5	ST	131.2 $\pm$ 5.94	56.3 $\pm$ 0.02	ND
19	beta-Bisabolene	30.0	ST	7.7 $\pm$ 0.42	ND	ND
20	Dihydrocolumellarin	35.0	SL	51.1 $\pm$ 2.26	19.7 $\pm$ 0.21	ND
21	17 $\alpha$ -Boldenone	35.6	Sterols	36.9 $\pm$ 0.81	10.3 $\pm$ 1.64	ND
22	alpha-Bisabolol	36.6	OST	30.4 $\pm$ 1.62	ND	ND
23	Phytyl acetate	41.7	ODT	102.0 $\pm$ 14.30	ND	ND
24	Phytol	42.2	ODT	15.5 $\pm$ 3.20	ND	ND
25	Neophytadiene	42.5	DT	24.6 $\pm$ 2.04	ND	ND
26	Unknown	45.9	-	34.1 $\pm$ 4.64	ND	ND

Note: Values were given as mean  $\pm$  SD. MT: monoterpenes; OMT: oxygenated monoterpenes; ST: sesquiterpenes; OST: oxygenated sesquiterpenes; SL: sesquiterpene lactones; DT: diterpene; ODT: oxygenated diterpene. ND represents not detected.