

## Supplemental information

**Table S1.** Components in leaf, stem and root of *A. keiskeana*.

Code	Compound	RT (min)	Type	Concentration ( $\mu\text{g/g}$ . FW)		
				Leaf	Stem	Root
1	Santolina triene	6.7	MT	ND	ND	26.5 $\pm$ 3.52
2	(-)-alpha-Pinene	7.4	MT	19.3 $\pm$ 1.35	7.2 $\pm$ 1.47	4.0 $\pm$ 0.61
3	Camphene	7.8	MT	33.2 $\pm$ 2.49	9.5 $\pm$ 0.55	5.9 $\pm$ 2.69
4	(+)-2-Bornanone	14.7	OMT	126.3 $\pm$ 3.66	11.0 $\pm$ 1.31	ND
5	Albene	15.2	Alkane	ND	ND	6.4 $\pm$ 0.79
6	endo-Borneol	15.6	OMT	9.7 $\pm$ 0.35	ND	ND
7	gamma-Elemene	23.0	ST	7.7 $\pm$ 1.82	ND	ND
8	alpha-Cubebene	24.6	ST	4.1 $\pm$ 2.01	ND	ND
9	(-)-beta-Elemene	25.3	ST	ND	ND	109.2 $\pm$ 6.97
10	Caryophyllene	26.4	ST	135.6 $\pm$ 3.10	6.6 $\pm$ 1.24	ND
11	<i>cis</i> -Muurolo-4 (15),5-diene	26.7	ST	11.7 $\pm$ 0.15	ND	ND
12	Isogermacrene D	27.4	ST	4.6 $\pm$ 0.16	ND	ND
13	gamma-Muuroloene	27.7	ST	13.0 $\pm$ 0.90	ND	ND
14	Germacrene D	28.8	ST	38.3 $\pm$ 0.20	ND	ND
15	Aromandendrene	28.9	ST	ND	ND	101.4 $\pm$ 6.98
16	(-)-Zingiberene	29.5	ST	7.2 $\pm$ 0.08	ND	ND
17	Phytyl acetate	41.7	ODT	205.6 $\pm$ 7.77	7.6 $\pm$ 2.07	ND
18	trans-Phyt-2-ene	41.8	DT	13.1 $\pm$ 2.11	ND	ND
19	Phytol	42.3	ODT	61.0 $\pm$ 3.56	ND	ND

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