

Table 1 Compounds identified in sample A (SA) and sample B (SB) showing % relative abundance (RA) of the compounds, R time and R index

SN	Compound name	SA		SB		R index	R index (from literature data)
		% RA	R time	% RA	R time		
1	2(1H)-Naphthalenone, 4a,5,6,7,8,8a-hexahydro-6-[1-(hydroxymethyl)ethenyl]-4,8a-dimethyl-, [4a-(4a.alpha.,6.alpha.,8)]-	1.28 ^b	24.29	1.73 ^a	24.29	1888	-
2	2H-Cyclopropa[g]benzofuran, 4,5,5a,6,6a,6b-hexahydro-4,4,6b-trimethyl-2-(1-methylethenyl)-	7.12	19.17	7.72	19.16	1438	-
3	Bisabolol ¹	12.73	18.89	13.31	18.88	1625	1682.8 ^a
4	Borneol ²	1.20	8.10	0.96	8.10	1138	1166.2 ^a
5	Bornyl acetate ²	11.85	10.72	11.44	10.72	1277	1283.5 ^a
6	Cadinol ¹	18.45	17.99	19.17	17.97	1580	1651.9 ^a
7	Caryophyllene oxide ¹	1.49	16.97	1.50	16.97	1507	1580.6 ^a
8	cis-β-Farnesene ¹		AB	0.88	14.25	1440	1414.5 ^a
9	Clovene ¹	3.30	19.64		AB	1446	1465 ^b
10	Cyclohexane, 1,2-dimethyl-3,5-bis(1-methylethenyl)-	6.78	21.01	4.54	20.97	1296	-
11	Elemol ¹	6.14 ^a	16.27	4.97 ^b	16.27	1522	1547.5 ^a
12	Spathulenol ¹	3.70	18.35	3.97	18.34	1530	1575 ^c
13	Farnesyl acetate ¹	1.41	16.80	2.37	17.49	1834	1919.5 ^a
14	Geranylgeranyl acetate ³		AB	1.57	16.80	2316	1379.9 ^a
15	Nerolidol ¹	1.87	16.80	1.68	16.45	1564	1560.9 ^a
16	Retinol ³	2.94	19.63	2.79	19.65	2238	2453.0 ^d
17	Valencene ¹	1.12	22.24		AB	1474	1491.7 ^a
18	Verbenone ²		AB	4.60	20.99	1119	1206.2 ^a
19	Viridiflorol ¹		AB	2.38	21.85	1536	1590.8 ^a
20	α-Bergamotene ¹		AB	0.75	13.87	1430	1414.5 ^a
21	α-Cedrene ¹	2.08	23.34	2.04	23.34	1403	1412.2 ^a
22	β-Bisabolene ¹		AB	1.14	15.36	1500	1508.4 ^a
23	β-Cubebene ¹		AB	4.64	14.90	1339	1386.6 ^a
24	β-Gurjurene ¹		AB	17.24	18.00	1403	1431.2 ^a
25	β-Thujene ²		AB	1.03	15.82	879	971.0 ^e
26	γ-Elementene ¹		AB	0.87	15.20	1431	1436.4 ^a
27	γ-Muurolene ¹	3.59	14.89	4.62	14.90	1435	1476.2 ^a

Note: AB = absent. The letter behind the average % relative abundance value 'a' and 'b' represents significant difference (Independent sample t-test, $p < 0.05$). **R index values:** ^aBabushok *et al.*³⁷ (dimethylsilicone with 5% phenyl groups), ^bHedin *et al.*³⁸, ^cTellez *et al.*³⁹, ^dFurr *et al.*⁴⁰, ^eWeyerstahl *et al.*⁴¹. **Name of chemical classes:** ¹sesquiterpene, ²monoterpene and ³diterpene, respectively (the symbols are given after the compound name).