

Table S1. Volatile compounds of *Myrtus Communis* L. Essential oil determined by GC-MS.

RT (min)	KI	Compounds	Quantity (%)
7.40	851	2-Hexenal	0.7
8.25	900	Nonane	0.3
8.49	902	Propanoic acid, 2-methyl-, 2-methylpropyl ester	1.8
9.10	940	$\alpha$ -Pinene	4.4
10.03	981	$\beta$ -Myrcene	0.8
10.22	991	Isobutyl 2-methylbutanoate	0.3
10.46	1003	Propanoic acid, 2-methyl-, butyl ester	0.7
10.92	1030	Limonene	6.2
11.00	1033	Eucalyptol (1,8-cineole)	9.9
12.10	1098	$\beta$ -Linalool	12.3
13.65	1179	Terpinen-4-ol	0.6
13.86	1191	$\alpha$ -Terpineol	2.7
14.00	1200	Myrtenol	1.2
14.34	1229	Nerol	0.5
14.72	1241	Linalyl o-aminobenzoate	5.9
15.63	1297	trans-Pinocarvyl acetate	1.2
15.87	1319	2,6-Octadienoic acid, 3,7-dimethyl-, methyl ester	0.3
16.05	1325	Myrtenyl acetate	15.5
16.27	1339	2-Oxabicyclo[2.2.2]octan-6-ol, 1,3,3-trimethyl-, acetate	0.3
16.37	1343	$\alpha$ -terpinyl acetate	2.2
16.69	1383	Geranyl acetate	7.4
17.09	1401	Methyleugenol	1.8
17.26	1409	p-Menta-1(7),8-dien-9-ol	0.2
17.61	1418	Ethyl dihydrocoumarin	0.3
17.72	1427	$\beta$ -caryophyllene	0.4
18.11	1052	6,6-dimethylbicyclo [3.1.1] hept-2-en-2-yl, methyl-ethyl-carbonate	0.4
18.22	1447	Humulene	0.9
18.93	1453	7-Isopropyl-7-methyl-nona-3,5-diene-2,8-dione	1.7
19.21	1608	Ethanone, 1,1'-(5-hydroxy-2,2-dimethylbicyclo[4.1.0]heptane-1,7-diyl)bis-	0.3
20.07	1609	Caryophyllene oxide	0.7
20.40	1610	Humulene-1,2-epoxide	1.2

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20.67	1631	Diepicedrene-1-oxide	0.3
<b>Total</b>			<b>83.3</b>

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RT- Retention time; KI- Kovats index