

Supplementary material

Table S1. Total composition of MEO and CEO.

No	Compound name	RI _{Lit.} /RI _{Exp.}	MEO, %	CEO, %
1	Tricyclene	927/929	tr.	
2	α -Thujene	930/930	0.02	
3	α -Pinene	939/939	1.07	0.10
4	Camphene	954/955	0.02	0.07
5	Thuja-2,4(10)-diene	960/659	tr.	
6	Benzaldehyde	960/960		0.10
7	Sabinene	975/974	0.32	
8	β -Pinene	979/978	1.06	0.04
9	3-Octanone	983/983	0.01	
10	6-methyl-5-Hepten-2-one	985/985	0.01	
11	Myrcene	990/991	0.56	
12	Ethyl hexanol	998/996	0.48	
13	<i>para</i> -Mentha-1(7),8-diene	1002/1001	0.07	
14	α -Terpinene	1018/1017	0.01	
15	<i>para</i> -Cymene	1024/1024	0.04	0.08
16	Limonene	1029/1030	2.73	0.07
17	1,8-Cineole	1031/1031	0.18	
18	(<i>Z</i>)- β -Ocimene	1039/1040	0.02	
19	(<i>E</i>)- β -Ocimene	1050/1050	0.02	
20	Bergamal	1050/1051	tr.	
21	γ -Terpinene	1059/1059	0.02	
22	(<i>Z</i>)-Sabinene hydrate	1070/1071	0.01	
23	(<i>Z</i>)-Linalool oxide	1071/1072	0.05	
24	Terpinolene	1088/1088	0.03	
25	<i>para</i> -Cymenene	1091/1092	0.01	
26	Linalool	1096/1096	0.22	
27	(<i>Z</i>)-Rose oxide	1108/1109	tr.	
28	β -Thujone	1114/1118	0.01	
29	(<i>Z</i>)- <i>para</i> -Menth-2-en-1-ol	1124/1124	0.02	
30	(<i>E</i>)-Rose oxide	1125/1125	0.01	
31	(3 <i>Z</i>)-Hexenyl isobutanoate	1146/1146	0.02	
32	Isopulegone	1149/1150	0.93	
33	Menthone	1152/1152	7.90	
34	Isomenthone	1162/1162	6.42	
35	Borneol	1169/1169		0.23
36	Menthol	1171/1172	68.61	
37	α -Terpineol	1188/1188	0.41	
38	Decanal	1201/1200	0.10	
39	Octyl acetate	1214/1214	0.11	
40	4-methyl-dec-3-en-5-ol	/1216	0.08	
41	(<i>E</i>)-Carveol	1216/1219	0.03	
42	Citronellol	1225/1225	0.48	
43	(3 <i>Z</i>)-Hexenyl 2-methyl butanoate	1232/1232	0.51	
44	Pulegone	1237/1236	0.37	
45	Carvone	1243/1243	0.02	

46	Geraniol	1252/1258	2.01	
47	Geranial	1268/1268	0.23	
48	(E)-Cinnamaldehyde	1270/1271		83.32
49	Neomenthyl acetate	1271/1272	0.15	
50	Lavandulyl acetate	1271/1273	0.04	
51	Menthyl acetate	1295/1295	2.10	
52	Carvacrol	1299/1300	0.02	
53	Geranyl formate	1300/1301	0.01	
54	Isomenthyl acetate	/1338	0.11	
55	Dihydro carveol acetate	1344/1343	0.04	
56	Citronellyl acetate	1350/1350	0.18	
57	Eugenol	1359/1359	0.04	
58	Cyclosativene	1371/1370		0.05
59	Unknown	/1371		0.19
60	α -Copaene	1375/1375	0.01	0.75
61	Geranyl acetate	1379/1379	0.18	
62	(3Z)-Hexenyl-(3Z)-hexanoate	1380/1380	0.01	
63	β -Bourbonene	1388/1388	0.17	0.02
64	β -Elemene	1390/1390	0.09	0.02
65	Decyl acetate	1404/1404	0.11	
66	α -Cedrene	1411/1409		0.01
67	(Z)- α -Bergamotene	1416/1416		0.02
68	(E)-Caryophyllene	1419/1419	0.40	0.18
69	β -Copaene	1432/1433	0.03	
70	(E)- α -Bergamotene	1434/1434		0.07
71	Aromadendrene	1440/1440		0.03
72	(E)-Cinnamyl acetate	1446/1445		4.69
73	α -Humulene	1454/1454	0.05	0.02
74	β -Santalene	1459/1459		0.03
75	Alloaromadendrene	1460/1460		0.05
76	γ -Muurolene	1477/1478	0.02	0.17
77	α -Curcumene	1480/1480		0.11
78	Germacrene D	1481/1483	0.18	
79	β -Selinene	1490/1490		0.03
80	10,11-epoxy-Calamenene	1492/1491		0.02
81	Viridiflorene	1496/1467		0.09
82	Bicyclogermacrene	1500/1500	0.02	
83	α -Muurolene	1500/1500	0.02	0.14
84	β -Bisabolene	1505/1503		0.19
85	γ -Cadinene	1513/1512	0.05	0.11
86	δ -Cadinene	1523/1523	0.07	0.28
87	(E)- γ -Bisabolene	1528/1528		0.16
88	(E)-methoxy-Cinnamaldehyde	1528/1529		7.62
89	α -Cadinene	1538/1538	0.01	
90	α -Elemol	1549/1549	0.07	
91	(E)-Nerolidol	1563/1563	0.03	0.10
92	Spathulenol	1578/1578	0.04	0.10
93	Caryophyllene oxide	1583/1583	0.09	0.08
94	Tetradecanal	1612/1612		0.04
95	1,10-di- <i>epi</i> -Cubenol	1619/1620		0.03

96	γ -Eudesmol	1632/1632	0.01	
97	Caryophylla-4(12),8(13)-dien-5 α -ol	1636/1636		0.02
98	T-Muurolol	1642/1642	0.02	0.04
99	α -Muurolol	1646/1645		0.01
100	β -Eudesmol	1645/1646	0.01	
101	α -Cadinol	1650/1650	0.04	0.02
102	Agerochromene	/1662	0.01	
103	α -Bisabolol	1685/1686		0.04
104	Rimuene	1896/1895		0.06
105	Luxuriadiene	2006/2010		0.06
Total			99.66	99.10

RI_{Lit}: Kovat's indices for non-polar column DB-5 taken from the literature [35]; RI_{Exp}: Kovat's indices determined experimentally on the non-polar column Rxi-5MS (Restek. USA); bolded compounds are those whose amounts were more than 5 %; tr. – trace amount, less than 0.01