

Table 3- Chemical composition, retention indices and percentage composition of the *M. vulgare* essential oil.

N°	Compound	RI	%	Identification
1	N-trimethylsilyl trifluoroacetamide	764	2.35	MS, RI
2	N,N-bis trimethylsilyl trifluoroacetamide	857	0.97	MS, RI
3	α - pinene	932	1.16	MS, RI
4	Camphene	948	0.49	MS, RI
5	1,8-Cineole	1044	3.72	MS, RI
6	α -thujone	1131	2.29	MS, RI
7	1-Vinylcyclohexane	1143	0.75	MS, RI
8	Camphor	1174	1.03	MS, RI
9	Iso menthone	1197	0.57	MS, RI
10	Borneol	1199	0.61	MS, RI
11	β-citronellol	1266	9.90	MS, RI
12	Geraniol	1295	2.74	MS, RI
13	Citronellyl formate	1315	9.50	MS, RI
14	Geranyl formate	1344	6.25	MS, RI
15	α -copaene	1419	1.37	MS, RI
16	β -Bourbonene	1429	1.96	MS, RI
17	trans-caryophyllene	1462	2.15	MS, RI
18	α -Muurolene	1484	0.63	MS, RI
19	α -amorphene	1490	0.81	MS, RI
20	α -Humulene	1495	0.68	MS, RI
21	Neoalloocimene	1502	0.91	MS, RI
22	neryl acetate	1512	3.41	MS, RI
23	Germacrene-D	1521	9.37	MS, RI
24	Ledene	1534	5.35	MS, RI
25	β -bisabolene	1544	0.86	MS, RI
26	δ -cadinene	1559	3.30	MS, RI
27	α –agarofuran	1581	0.42	MS, RI
28	Furan-2-one, 4-phenyltetrahydro	1616	1.44	MS, RI
29	γ-Eudesmol	1647	11.93	MS, RI
30	β -Cubebene	1674	1.52	MS, RI
31	Citronellyl butanoate	1682	0.66	MS, RI
32	Geranyl tiglate	1712	5.53	MS, RI
33	Cyclononasiloxane, octadecamethyl	2198	3.08	MS, RI
34	Eicosamethylcyclodecasiloxane	2264	2.29	MS, RI
			100	
Total identification				
Yield (g/100 g dry weight)				
Hydrocarbon monoterpenes			00.34	
Oxygenated monoterpenes			01.65	
Hydrocarbon sesquiterpenes			40.02	
Oxygenated sesquiterpene			42.70	
			06.19	