

Table 1. Essential oil composition (%) of *Trachymene incisa* subsp. *incisa* variants.

Peak N ^o #	KIa.	KI ¹	KIb	KI ²	Compound	C. type	T.in.I ₁	T.in.I ₂	T.in.I ₃	T.in.II ₄	T.in.II ₅	I.M.
1	1007	1025	932	936	α -pinene	MH	7.2		19.2	t	0.1	KI, MS
2	1034	1061	945	949	α -fenchene	MH			0.8			KI, MS
3	1041	1068	946	950	camphene	MH			t			KI, MS
4	1084	1110	974	978	β -pinene	MH	0.4		2.2	t	0.1	KI, MS
5	1105	1122	969	973	sabinene	MH						KI, MS
6	1127	1146	1008	1011	δ -3-carene	MH			1.8			KI, MS
7	1139	1167	1002	1004	α -phellandrene	MH			1.2			KI, MS
8	1141	1160	988	989	myrcene	MH	t					KI, MS
9	1157	1177	1014	1017	α -terpinene	MH						KI, MS
10	1176	1198	1024	1029	limonene	MH	t		0.8			KI, MS
11	1178	1209	1025	1030	β -phellandrene	MH			t			KI, MS
12	1181	1211	1026	1031	1,8-cineole	OM	t		9.0			KI, MS
13	1218	1234	1032	1038	Z- β -ocimene	MH			t			KI, MS
14	1224	1245	1054	1059	γ -terpinene	MH			t			KI, MS
15	1226	1250	1044	1048	E- β -ocimene	MH			t			KI, MS
16	1249	1270	1020	1024	p-cymene	MH	t	t	0.6	t	t	KI, MS
17	1260	1282	1086	1086	terpinolene	MH		t	0.4	0.9		KI, MS
18	1320	1237	989	986	6-methylhept-5-en-2-one	O		t	0.2	t	t	KI, MS
19	1459	1469	1335	1337	δ -elemene	SH	0.3	0.3		t		KI, MS
20	1462	1491	1374	1376	α -copaene	SH	t	3.4		t		KI, MS
21	1510	1541	1387	1387	β -cubebene	SH		0.6		t		KI, MS
22	1523	1559	1411	1414	α -cis-bergamotene	SH			0.6	0.4		KI, MS
23	1543	1575	1432	1435	α -trans-bergamotene	SH		0.2	2.1	t		KI, MS
24	1560	1590	1389	1390	β -elemene	SH	0.8	2.9	0.4	t		KI, MS
25	1563	1598	1417	1420	β -caryophyllene	SH	2.5	5.4	1.2	10.8	10.4	KI, MS
26	1570	1620	1439	1441	aromadendrene	SH	1.5	0.6	0.5	5.6	5.0	KI, MS
27	1572	1629	1509	1504	α -bulnesene	SH	0.5		t	1.2	0.9	KI, MS
28	1632	1649	1458	1460	allo-aromadendrene	SH	0.2	0.4	0.4	0.4	0.4	KI, MS
29	1644	1664	1454	1456	(E)- β -farnesene	SH		0.3	1.4	0.6		KI, MS
30	1653	1666	1452	1453	α -humulene	SH	0.5	1.5	0.3	1.8	1.8	KI, MS
31	1658				C ₁₅ H ₂₄	SH	0.4	0.3	0.7			KI, MS
32	1661	1696	1496	1492	viridiflorene	SH	1.9	0.8	0.6	5.4	4.7	KI, MS
33	1670	1708	1484	1480	germacrene-D	SH	1.4	2.4	1.5	0.5		KI, MS
34	1680	1705	1505	1512	γ -bisabolene	SH			27.4			KI, MS
35	1697	1717	1489	1486	β -selinene	SH	36.7	11.9	0.5	1.8		KI, MS
36	1706	1734	1500	1494	bicyclogermacrene	SH	28.0	21.5	7.5	34.7	24.4	KI, MS

37	1722	1763	1513	1513	γ -cadinene	SH	t						KI, MS
38	1724	1755	1522	1521	δ -cadinene	SH	t	9.0	0.5	1.5	1.7		KI, MS
39	1727	1788	1495	1531	cis-cadina-1,4-diene	SH		0.3		t			KI, MS
40	1734	1744	1505	1504	(E,E)- α -farnesene	SH	t	1.4	2.6		1.6		KI, MS
41	1749	1773	1479	1482	ar-curcumene	SH		t	t	0.7	1.1		KI, MS
42	1886	1986	1582	1580	caryophyllene oxide	OS	1.6	2.3	0.2	1.0	12.8		KI, MS
43	1958	2039	1602	1582	ledol	OS	0.2	0.2	0.1	0.5	t		KI, MS
44	2016	2067	1645	1636	cubenol	OS	t	0.9	0.2	0.8	1.5		KI, MS
45	2018	2074	1595	1588	cubeban-11-ol	OS	0.7	0.4	0.4	1.6	1.1		KI, MS
46	2034	2082	1590	1582	globulol	OS	2.0	1.5	1.3	7.0	6.9		KI, MS
47	2044	2090	1592	1591	viridiflorol	OS	1.5	1.1	0.8	3.9	3.5		KI, MS
48	2066				C ₁₅ H ₂₆ O	OS	0.5	0.3	0.3	2.2	2.0		KI, MS
49	2074				C ₁₅ H ₂₆ O	OS	0.4	0.6	0.3	1.3	1.0		KI, MS
50	2078				C ₁₅ H ₂₆ O	OS	0.2	0.3					KI, MS
51	2086	2127	1577	1576	spathulenol	OS	4.2	11.2	2.9	6.7	7.5		KI, MS
						Total	93.5	81.7	91.0	91.1	88.4		
Monoterpene Hydrocarbon (MH)							16	7.6	0	27.0	0.9	0	
Oxygenated Monoterpene (OM)							1	0	0	9.0	0	0	
Sesquiterpene Hydrocarbon (SH)							23	74.8	63.0	48.3	65.4	52.0	
Oxygenated Sesquiterpene (OS)							10	11.1	18.7	6.5	24.8	36.3	
Other (O)							1	0	0	0.2	0	0	
Total							51.0	93.5	81.7	91.0	91.1	88.2	

C. type = Compound type; MH = monoterpene hydrocarbon, OM = oxygenated monoterpene, SH = sesquiterpene hydrocarbon, SO = oxygenated sesquiterpene, O = Other; t = traces (<0.1%); KI_a and KI_b = linear retention index relative to n-alkanes on DB-Wax column or DB-5 column respectively; KI¹ and KI² = literature linear retention index on DB-Wax column [48] and DB-5 column respectively [47]; T.In. = *Trachymene incisa* subsp. *incisa*; I and II = typical glabrous and hairy variant respectively; I.M. = Identification method.