

Supplementary material

Bio-guided fractionation driven by in-vitro α -amylase inhibition assays of essential oils bearing specialized metabolites with potential hypoglycemic activity

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Table 1

RTI Tab	RTI Exp	Compound	<i>Artemisia vulgaris</i>	<i>Cananga odorata</i>	<i>Carum carvi</i>	<i>Cedrus atlantica</i>	<i>Chrysopogon zizanioides</i>	<i>Cinnamomum zeylanicum</i> (Leaf)	<i>Cinnamomum zeylanicum</i> (Bark)	<i>Cinnamomu m camphora</i>	<i>Cinnamomu m cassia</i>	<i>Citrus × aurantium</i> L . (Fruit and Peel)	<i>Citrus × aurantiu m</i> (Flower)	<i>Citrus × aurantiu m</i> (Leaf)
931	930	α -Thujene	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0
939	936	α -Pinene	0.3	0.1	0.2	0.0	0.0	0.9	0.6	0.0	0.1	0.9	0.0	0.1
953	951	Camphene	3.7	0.0	0.0	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0
961	963	Benzaldehyde	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.5	0.0	0.0	0.0
976	976	Sabinene	3.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.2
980	978	β -Pinene	0.0	0.0	0.0	0.0	0.0	0.3	0.2	7.6	0.0	0.0	7.6	1.0
991	992	β -Myrcene	0.0	0.0	0.7	0.0	0.0	0.1	0.0	0.0	0.0	3.7	0.8	1.7
1005	1004	α -Phellandrene	0.0	0.0	0.1	0.0	0.0	1.1	1.2	3.8	0.0	0.0	0.0	0.0
1001	1005	<i>N</i> -Octanal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0
1011	1011	Δ -3-Carene	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4
1018	1018	α -Terpinene	0.0	0.0	0.0	0.0	0.0	0.1	0.4	9.6	0.0	0.0	0.0	0.0
1019	1022	<i>p</i> -Methoxy toluene	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1026	1028	<i>p</i> -Cymene	0.0	0.0	0.0	0.0	0.0	0.7	1.6	14.6	0.0	0.0	0.0	0.0
1031	1031	Limonene	0.0	0.0	35.4	0.0	0.0	0.6	2.5	17.4	0.0	90.2	11.4	0.9
1033	1033	1,8-Cineole	0.7	0.1	0.0	0.0	0.0	0.1	0.2	44.1	0.0	0.0	0.0	0.0
1040	1041	<i>cis</i> - β -Ocimene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.6
1041	1045	Salicylaldehyde	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1050	1051	<i>trans</i> - β -Ocimene	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	2.6	1.7
1062	1061	γ -Terpinene	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0
1088	1089	α -Terpinolene	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3
1091	1094	Methyl benzoate	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1098	1100	Linalool	0.0	4.2	0.0	0.0	0.0	1.8	4.4	0.0	0.0	0.0	28.5	24.4
1102	1107	α -Thujone	47.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1110	1115	Phenethyl alcohol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1114	1118	β -Thujone	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1143	1147	Camphor	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1165	1165	Borneol	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1164	1169	Benzyl acetate	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1170	1174	Ethyl benzoate	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1177	1178	4-Terpineol	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1189	1191	α -Terpineol	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0	1.1	5.6

RTI Tab	RTI Exp	Compound	<i>Artemisia vulgaris</i>	<i>Cananga odorata</i>	<i>Carum carvi</i>	<i>Cedrus atlantica</i>	<i>Chrysopogon zizanioides</i>	<i>Cinnamomum zeylanicum</i> (Leaf)	<i>Cinnamomum zeylanicum</i> (Bark)	<i>Cinnamomu m camphora</i>	<i>Cinnamomu m cassia</i>	<i>Citrus × aurantium</i> L . (Fruit and Peel)	<i>Citrus × aurantiu m</i> (Flower)	<i>Citrus × aurantiu m</i> (Leaf)
1193	1195	<i>cis</i> -Dihydroxy carvone	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1200	1202	<i>trans</i> -Dihydroxy carvone	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1204	1207	N-Decanal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
1228	1232	Nerol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1252	1244	<i>p</i> -Anisaldehyde	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1242	1253	Carvone	0.0	0.0	59.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1255	1258	Geraniol	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1257	1264	Linalyl acetate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	41.4	56.8
1266	1269	<i>trans</i> - Cinnamaldehyde	0.0	0.0	0.0	0.0	0.0	0.6	68.0	0.0	80.4	0.0	0.0	0.0
1285	1288	Safrole	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0
1300	1305	Cinnamyl alcohol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1356	1360	Eugenol	0.0	0.6	0.0	0.0	0.0	82.4	5.1	0.0	0.0	0.0	0.0	0.0
1365	1369	Neryl acetate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.8
1372	1377	α -Copaene	0.0	1.5	0.0	0.0	0.0	0.7	0.8	0.0	0.3	0.0	0.0	0.0
1383	1386	Geranyl acetate	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.2	3.4
1391	1393	β -Elemene	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1402	1408	Methyl N- methylantranilat e	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
1418	1419	<i>trans</i> - β - Caryophyllene	0.0	20.5	0.1	0.0	0.0	3.0	6.5	0.0	0.0	0.2	0.1	0.5
1429	1434	Cumarin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0
-	1441	khusimene	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1451	1448	α -Himachalene	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1443	1449	<i>trans</i> -Cinnamyl acetate	0.0	0.6	0.0	0.0	0.0	0.8	1.5	0.0	2.6	0.0	0.0	0.0
1454	1455	α -Humulene	0.0	4.9	0.0	0.0	0.0	0.4	1.1	0.0	0.0	0.0	0.0	0.0
-	1477	γ -Himachalene	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1480	1480	Germacrene D	0.4	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1499	1499	β -Himachalene	0.0	0.0	0.0	48.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-	1509	γ -vetivenene	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1509	1510	β -Bisabolene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1508	1511	<i>trans</i> - α -Farnesene	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
-	1523	β -vetivenene	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Table 2

RTI Tab	RTI Exp	Compound	<i>Citrus bergami</i> <i>a</i>	<i>Citrus limon</i>	<i>Citrus medica</i>	<i>Citrus nobilis</i>	<i>Citrus paradisi</i>	<i>Citrus sinensis</i>	<i>Corymbia citriodora</i>	<i>Cupressus sempervirens</i>	<i>Cymbopogon martini</i>	<i>Cymbopogon nardus</i>
931	930	α -Thujene	0.0	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
939	936	α -Pinene	1.0	1.5	1.7	1.9	0.9	0.5	0.3	46.7	0.0	0.0
953	951	Camphene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0
976	976	Sabinene	0.9	1.4	0.7	0.4	0.6	0.4	0.0	0.9	0.0	0.0
980	978	β -Pinene	6.6	11.6	9.1	1.1	0.0	0.0	0.6	1.3	0.0	0.0
991	992	β -Myrcene	0.9	1.5	1.5	1.0	3.0	1.7	0.0	2.3	0.0	0.7
100 5	100 4	α -Phellandrene	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
100 1	100 5	<i>N</i> -Octanal	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0
101 1	101 1	Δ -3-Carene	0.0	0.0	0.0	0.0	0.0	0.1	0.0	25.3	0.0	0.0
101 8	101 8	α -Terpinene	0.2	0.0	0.0	0.6	0.0	0.0	0.0	0.5	0.0	0.0
102 6	102 8	<i>p</i> -Cymene	0.4	0.2	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0
103 1	103 1	Limonene	32.3	71.9	54.9	75.6	92.7	96.7	0.1	4.0	0.0	7.2
103 3	103 3	1,8-Cineole	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0
104 0	104 1	<i>cis</i> - β -Ocimene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0
105 0	105 1	<i>trans</i> - β -Ocimene	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1.7	0.0
106 2	106 1	γ -Terpinene	7.8	7.9	3.2	14.5	0.0	0.0	0.0	0.8	0.0	0.0
108 8	108 9	α -Terpinolene	0.5	0.3	0.1	0.6	0.0	0.0	0.0	4.2	0.0	0.0
109 8	110 0	Linalool	11.2	0.0	4.6	0.0	0.0	0.2	0.3	0.0	2.1	0.6
114 5	114 8	Neoisopulegol	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	1.5
115 3	115 8	Citronellal	0.0	0.0	0.0	0.0	0.0	0.0	81.0	0.0	0.0	37.9
117 7	117 8	4-Terpineol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
118 9	119 1	α -Terpineol	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120 4	120 7	<i>N</i> -Decanal	0.0	0.0	0.0	0.0	0.4	0.1	0.0	0.0	0.0	0.0
122 8	123 2	Citronellol	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	12.5

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Table 3

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RTI Tab	RTI Exp	Compound	<i>Cymbopogon schoenanthus</i>	<i>Elettaria cardamomum</i>	<i>Eucalyptus globulus</i>	<i>Eucalyptus radiata</i>	<i>Foeniculum Vulgare</i>	<i>Gaultheria procumbens</i>	<i>Hyssopus officinalis</i>	<i>Jasminum officinale</i>	<i>Juniperus communis</i>	<i>Juniperus virginiana</i>
1524	1524	δ-Cadinene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.5
1570	1556	Menthyl acetate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
1564	1568	trans-Nerolidol	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1576	1577	Germacrene D-4-ol	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
1581	1578	Spathulenol	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
1654	1651	cis-Methyl-dihydrojasmoato	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
1762	1766	Benzyl benzoate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0
1949	1949	Fitol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0

Table 4

RTI Tab	RTI Exp	Compound	<i>Laurus nobilis</i>	<i>Lavandula angustifolia</i> × <i>L. latifolia</i>	<i>Lavandula angustifolia</i>	<i>Matricaria chamomilla</i>	<i>Melaleuca alternifolia</i>	<i>Melaleuca viridiflora</i>	<i>Melissa officinalis</i>	<i>Mentha</i> × <i>piperita</i> (Leaf)	<i>Mentha</i> × <i>piperita</i> (Leaf/Twig)	<i>Mentha arvensis</i>
926	924	Tricyclene	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
931	930	α-Thujene	0.2	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
939	936	α-Pinene	6.4	0.7	0.0	0.0	2.4	6.2	0.7	0.1	0.0	0.0
953	951	Camphene	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
961	963	Benzaldehyde	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
976	976	Sabinene	5.1	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0
980	978	β-Pinene	3.8	0.6	0.0	0.0	0.8	1.5	0.9	0.1	0.1	1.5
986	989	3-Octanone	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
991	992	β-Myrcene	0.3	0.6	0.0	0.0	0.8	0.7	0.8	0.0	0.0	0.0
1005	1004	α-Phellandrene	0.1	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
1018	1018	α-Terpinene	0.2	0.0	0.0	0.0	9.4	0.2	0.0	0.0	0.0	0.0
1019	1022	p-Methoxy toluene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1026	1028	p-Cymene	1.9	0.0	0.0	0.0	1.9	0.7	0.0	0.0	0.1	0.0
1031	1031	Limonene	0.0	0.9	0.7	0.0	0.8	9.5	6.4	1.0	0.6	4.5
1033	1033	1,8-Cineole	65.4	7.6	2.3	0.0	3.2	64.9	1.6	1.5	1.5	0.5
1040	1041	cis-β-Ocimene	0.0	1.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1050	1051	trans-β-Ocimene	0.0	0.0	2.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
1062	1061	γ-Terpinene	2.4	0.0	0.0	0.2	21.1	1.1	0.0	0.0	0.0	0.0
1062	1065	Artemisia Ketone	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
1068	1070	cis-Sabinene hydrate	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1083	1086	Artemisyl alcohol	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1088	1089	α-Terpinolene	0.1	0.0	0.0	0.0	3.2	0.5	0.0	0.0	0.0	0.0
1097	1098	trans-Sabinene hydrate	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1098	1100	Linalool	2.2	27.1	27.9	0.0	0.0	0.0	1.2	0.0	0.0	0.0
1110	1116	1-Octen-3-yl acetate	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1146	1146	Isopulegol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.2
1143	1147	Camphor	0.0	9.4	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1154	1157	Menthone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.9	23.0	19.5
1153	1158	Citronellal	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0

RTI Tab	RTI Exp	Compound	<i>Laurus nobilis</i>	<i>Lavandula angustifolia</i> × <i>L. latifolia</i>	<i>Lavandula angustifolia</i>	<i>Matricaria chamomilla</i>	<i>Melaleuca alternifolia</i>	<i>Melaleuca viridiflora</i>	<i>Melissa officinalis</i>	<i>Mentha</i> × <i>piperita</i> (Leaf)	<i>Mentha</i> × <i>piperita</i> (Leaf/Twig)	<i>Mentha arvensis</i>
1165	1165	Borneol	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1163	1165	Neomenthol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.3	5.2
1164	1167	Isomenthone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	10.0	8.0
1166	1171	Lavandulol	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1173	1174	Menthol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.2	52.0	40.2
1177	1178	4-Terpineol	1.7	3.3	3.7	0.0	44.1	0.5	0.0	0.0	0.2	0.0
1188	1188	Neoisomenthol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
1189	1191	α-Terpineol	0.8	1.2	0.2	0.0	2.6	4.2	0.3	0.0	0.0	0.0
1240	1244	Neral	0.0	0.0	0.0	0.0	0.0	0.0	18.9	0.0	0.0	0.0
1252	1254	Piperitone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.1	1.9
1255	1258	Geraniol	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0
1257	1264	Linalyl acetate	0.0	35.6	34.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1270	1273	Geranial	0.0	0.0	0.0	0.0	0.0	0.0	24.6	0.0	0.0	0.0
1289	1293	Lavandulyl acetate	0.0	2.8	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1294	1294	Menthyl acetate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	4.6	7.4
1350	1343	α-Terpinyl acetate	8.3	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
1356	1360	Eugenol	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1372	1377	α-Copaene	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1383	1386	Geranyl acetate	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0
1391	1393	β-Elemene	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
1401	1407	Methyl eugenol	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1418	1419	<i>trans</i> -β-Caryophyllene	0.1	2.5	4.2	0.0	0.0	0.9	31.0	0.0	0.1	0.0
1439	1439	Aromadendrene	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
1454	1455	α-Humulene	0.0	0.0	0.0	0.0	0.0	0.2	3.5	0.0	0.0	0.0
1458	1460	<i>trans</i> -β-Farnesene	0.0	1.6	2.8	24.0	0.0	0.0	0.0	0.0	0.0	0.0
1461	1461	allo-Aromadendrene	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
1480	1480	Germacrene D	0.0	0.9	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0
1493	1494	Viridiflorene	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0
1494	1495	Bicyclogermacrene	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0
1508	1511	<i>trans</i> -α-Farnesene	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
1524	1524	δ-Cadinene	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0

RTI Tab	RTI Exp	Compound	<i>Laurus nobilis</i>	<i>Lavandula angustifolia</i> × <i>L. latifolia</i>	<i>Lavandula angustifolia</i>	<i>Matricaria chamomilla</i>	<i>Melaleuca alternifolia</i>	<i>Melaleuca viridiflora</i>	<i>Melissa officinalis</i>	<i>Mentha</i> × <i>piperita</i> (Leaf)	<i>Mentha</i> × <i>piperita</i> (Leaf/Twig)	<i>Mentha arvensis</i>
1564	1568	trans-Nerolidol	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
1576	1577	Germacrene D-4-ol	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
1581	1578	Spathulenol	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
1590	1584	Caryophyllene oxide	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0
1645	1642	α-Muurolol	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
1655	1656	α-Bisabolol oxide B	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0
1725	1728	Chamazulene	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
1744	1749	α-Bisabolol oxide A	0.0	0.0	0.0	47.0	0.0	0.0	0.0	0.0	0.0	0.0

Table 5

RTI Tab	RTI Exp	Compound	<i>Myristica fragrans</i>	<i>Myrtus communis</i>	<i>Ocimum basilicum</i>	<i>Origanum majorana</i>	<i>Origanum vulgare</i>	<i>Pelargonium graveolens</i>	<i>Pimpinella anisum</i>	<i>Pinus mugo</i>	<i>Pinus sylvestris</i>	<i>Piper nigrum</i>
931	930	α -Thujene	0.0	0.0	0.0	0.5	0.1	0.0	0.4	0.0	0.0	0.7
939	936	α -Pinene	23.0	15.1	0.3	0.7	1.2	0.6	0.0	20.7	39.3	5.5
953	951	Camphene	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.8	1.0	0.2
976	976	Sabinene	27.0	0.0	0.1	5.8	0.0	0.0	0.0	0.0	0.0	6.8
980	978	β -Pinene	13.0	0.0	0.4	0.4	0.3	0.4	0.0	11.8	21.0	6.1
978	983	1-Octen-3-ol	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
985	989	6-Methyl-5-hepten-2-one	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
991	992	β -Myrcene	1.1	0.3	0.2	1.1	2.2	0.3	0.0	11.4	1.6	1.1
1005	1004	α -Phellandrene	1.4	0.0	0.0	0.3	0.2	0.0	0.3	0.8	0.2	0.9
1011	1011	Δ -3-Carene	0.4	0.0	0.0	0.0	0.0	0.0	0.3	16.5	14.1	5.9
1018	1018	α -Terpinene	0.9	0.0	0.0	7.0	1.0	0.0	0.1	0.5	0.2	0.0
1026	1028	<i>p</i> -Cymene	0.7	2.4	0.0	4.9	12.2	0.1	0.0	2.6	0.5	0.0
1031	1031	Limonene	10.0	28.9	0.2	3.0	1.4	0.3	2.1	11.6	10.0	12.5
1031	1033	β -Phellandrene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	1.6	0.0
1033	1033	1,8-Cineole	1.8	0.0	3.4	0.7	0.4	0.0	0.0	0.0	0.0	0.0
1050	1051	<i>trans</i> - β -Ocimene	0.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1062	1061	γ -Terpinene	4.8	0.0	0.0	10.8	5.1	0.0	0.1	0.0	0.1	0.2
1088	1089	α -Terpinolene	0.6	0.7	0.1	2.4	0.0	0.0	0.1	1.2	2.8	0.3
1098	1100	Linalool	0.2	13.5	0.6	34.0	1.9	6.7	0.4	0.0	0.0	0.3
1111	1113	<i>cis</i> -Rose oxide	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0
1112	1114	Endo-fenchol	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1110	1115	Phenethyl alcohol	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
1127	1130	<i>trans</i> -Rose oxide	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
1143	1147	Camphor	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1154	1157	Menthone	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0
1165	1165	Borneol	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
1164	1167	Isomenthone	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0
1177	1178	4-Terpineol	6.7	0.0	0.1	17.7	0.3	0.0	0.1	0.0	0.0	0.4
1189	1191	α -Terpineol	0.2	2.1	0.2	3.5	0.0	0.6	0.0	0.0	0.2	0.0
1195	1199	Estragole	0.0	0.0	88.4	0.0	0.0	0.0	1.7	0.0	0.0	0.0
1228	1232	Citronellol	0.0	0.0	0.0	0.0	0.0	34.6	0.0	0.0	0.0	0.0
1235	1237	Thymol methyl ether	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0

[illegible]

RTI Tab	RTI Exp	Compound	<i>Myristica fragrans</i>	<i>Myrtus communis</i>	<i>Ocimum basilicum</i>	<i>Origanum majorana</i>	<i>Origanum vulgare</i>	<i>Pelargonium graveolens</i>	<i>Pimpinella anisum</i>	<i>Pinus mugo</i>	<i>Pinus sylvestris</i>	<i>Piper nigrum</i>
1529	1532	Citronellyl-N-butyrate	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0
1562	1565	Geranyl-N-butyrate	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0
1581	1578	Spathulenol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2
1619	1619	10-epi- γ -Eudesmol	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0
1677	1681	Foeniculin	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
1701	1704	Geranyl tiglate	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0

[illegible]

RTI Tab	RTI Exp	Compound	<i>Pogostemon cablin</i>	<i>Rosa × damascena</i>	<i>Salvia officinalis</i>	<i>Salvia sclarea</i>	<i>Santalum album</i>	<i>Syzygium aromaticum</i>	<i>Thuja occidentalis</i>	<i>Thymus vulgaris</i>	<i>Verbena officinalis</i>	<i>Zingiber officinale</i>
1502	1505	Cuparene	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0
1505	1508	β-Bulnesene	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1509	1510	β-Bisabolene	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	8.0
1513	1514	<i>trans</i> -γ-Cadinene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1524	1524	δ-Cadinene	0.0	0.0	0.0	0.2	1.4	0.0	0.0	0.0	0.3	0.0
1524	1525	β-Sesquifellandrene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6
1524	1533	Eugenyl acetate	0.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0	0.0	0.0
1533	1534	<i>trans</i> -γ-Bisabolene	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
1542	1542	Selina-3,7(11)-diene	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
1549	1551	Elemol	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0
1556	1557	Germacrene B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
1564	1568	trans-Nerolidol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
1581	1578	Spathulenol	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.0
1596	1599	α-Cedrol	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0
1619	1619	10-epi-γ-Eudesmol	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0
1630	1633	γ-Eudesmol	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0
1655	1654	Valerianol	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0
1658	1659	7-epi-α-Eudesmol	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
1659	1661	Patchouli alcohol	33.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1678	1679	<i>cis</i> -α-Santalol	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0
1693	1693	<i>trans</i> -α-Bergamotol	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0
1704	1705	epi-β-Santalolo	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0
1720	1720	<i>cis</i> -β-Santalolo	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0
1727	1725	<i>cis</i> -nuciferol	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0
2220	2216	Sclareol	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0