

<i>Mentha longifolia</i>		
	RI	%
2-Hexenal, (E)-	854	1.02
alpha-Pinene	933	0.97
beta.-Pinene	977	1.71
beta.-Myrcene	992	0.94
D-Limonene	1030	1.68
cis-Ocimene	1039	1.43
alpha terpineol	1197	0.71
2-Hexenoic acid, 3,4,4-trimethyl-5-oxo-, (Z)-	1234	0.49
cis Piperitone oxide	1279	72.37
Thymol	1298	3.45
Diosphenol	1310	0.51
Piperitenone oxide	1375	1.82
p-Menthane-1,2,3-triol	1421	0.50
Caryophyllene	1432	4.02
Geranyl butyrate	1466	1.05
Germacrene-D	1494	6.26
Gamma-elemene	1509	0.58
Delta-cadinene	1533	0.49

<i>Mentha piperita</i>		
	RI	%
alpha-Pinene	933	0.58
Sabinene	974	0.43
beta-Pinene	977	1.28
beta.-Myrcene	992	0.30
alpha Terpinene	1018	0.39
Eucalyptol	1034	8.84
cis-Ocimene	1039	0.72
gamma Terpinene	1061	0.69
trans Sabinene hydrate	1071	3.53
1,6-Octadien-3-ol, 3,7-dimethyl-	1107	0.47
Pentyl 3-methylbutanoate	1109	0.29
Menthone	1167	29.36
Isomenthol	1174	8.52
Menthol	1189	27.86
neo-Menthol	1193	1.36
Alpha-terpineol	1201	0.83
Pulegone	1247	0.74
Piperitone	1262	1.57
Menthyl acetate	1297	2.65
beta.-Bourbonene	1395	0.59
Caryophyllene	1431	2.22
beta-Faresene	1459	0.38
Germacrene-D	1493	3.27
Bicyclogermacrene	1508	0.87
Veridiflorol	1608	2.25

<i>Mentha aquatica</i>		
	RI	%
2-Hexenal, (E)-	854	1.04
alpha-Pinene	934	1.11
Sabinene	975	0.74
beta-Pinene	977	2.46
beta.-Myrcene	992	0.95
Eucalyptol	1034	11.93
cis-Ocimene	1039	2.45
1,3,6-Octatriene, 3,7-dimethyl-, (Z)-	1050	0.51
Menthofuran	1176	43.03
Menthol	1180	0.98
Benzene, 1-methoxy-2-(1-methylethenyl)	1225	0.69
Piperitenone oxide	1380	19.83
alpha-Gujunene	1420	1.13
Caryophyllene	1432	4.92
beta-Farnesene	1459	1.05
Epibicyclosesquiphellandrene	1475	0.52
Germacrene-D	1493	2.17
Bicyclogermacrene	1508	0.62
delta-Cadinene	1533	0.73
Veridiflorol	1608	2.65
alpha-Cadinol	1669	0.50

<i>Mentha spicata</i>		
	RI	%
alpha-Pinene	934	1.28
Sabinene	975	0.96
beta-Pinene	977	2.37
beta-Myrcene	992	3.77
alpha-Terpinene	1018	0.93
beta-Terpinyl acetate	1034	9.25
Eucalyptol	1035	4.03
cis-Ocimene	1039	0.80
gamma-Terpinene	1061	1.46
trans Sabinene hydrate	1071	3.13
Pentyl valerate	1101	0.57
Butanoic acid, 2-methyl-, 2-methylbutyl ester	1105	0.78
alpha-Terpineol	1174	0.74
Terpinen-4-ol	1182	3.13
Dihydrocarvone	1202	3.68
Neodihydrocarveol	1209	2.45
trans-Carveol	1246	0.60
Carvone	1267	45.93
Copaene	1385	0.96
beta-Bourbonene	1396	3.73
Caryophyllene	1432	3.52
Epibicyclosesquiphellandrene	1475	0.52
Germacrene-D	1494	3.37
Bicyclogermacrene	1509	1.26
delta-Cadinene	1533	0.79

<i>Mentha spicata crispa</i>		
	RI	%
alpha-Pinene	934	1.15
Sabinene	975	0.59
beta-Pinene	977	1.77
beta-Myrcene	992	1.08
d-Limonene	1033	9.00
Eucalyptol	1034	4.20
cis-Ocimene	1039	2.59
1,3,6-Octatriene, 3,7-dimethyl-, (E)-	1050	0.72
trans Sabinene hydrate	1071	0.61
Borneol	1172	1.73
Terpinen-4-ol	1182	1.08
Dihydrocarvone	1201	1.26
Neodihydrocarveol	1209	0.89
Carvone	1266	51.64
Cyclohexanol, 2-methyl-5-(1-methylethenyl)-, acetate	1333	1.05
trans-Carveyl acetate	1367	1.16
Copaene	1385	0.67
beta-Bourbonene	1396	4.19
Caryophyllene	1431	1.65
Epibicyclosesquiphellandrene	1475	1.57
Germacrene-D	1495	8.00
Bicyclogermacrene	1509	1.84
Cubenol	1629	0.73
alpha-Cadinol	1669	0.82

<i>Mentha suaveolens</i>		
	RI	%
2-Hexenal, (E)-	857	0.78
alpha-Pinene	934	1.50
beta-Pinene	977	3.07
beta-Myrcene	992	2.20
d-Limonene	1030	4.39
cis-Ocimene	1039	1.49
1,3,6-Octatriene, 3,7-dimethyl-, (Z)-	1052	0.27
Cyclohexanone, 2-(1-methylethylidene)-	1143	0.29
Benzofuran, 4,7-dimethyl-	1222	2.11
Cuminaldehyde	1225	2.16
Carvone	1252	0.59
cis Piperitone oxide	1261	1.37
Piperitone oxide	1385	73.36
2-Cyclopenten-1-one, 2-(2-butenyl)-4-hydroxy-3-methyl-, (Z)-	1413	0.93
Epibicyclosesquiphellandrene	1475	1.44
Germacrene-D	1493	2.59
cis Calamenene	1535	0.39
tau-Cadinol	1655	0.24
alpha-Cadinol	1669	0.83

<i>Nepeta cataria</i>		
	RI	%
2-Hexenal, (E)-	853	1.81
Eucalyptol	1032	0.23
cis-Ocimene	1040	0.52
1,3,6-Octatriene, 3,7-dimethyl-, (E)-	1049	1.71
Menthofuran	1167	3.37
Cyclopenta[c]pyran-1(4aH)-one, 5,6,7,7a-tetrahydro-4,7-dimethyl-	1389	77.30
Cyclohexanone, 2,5-dimethyl-2-(1-methylethenyl)-	1411	1.42
alpha-Gurjunene	1421	0.75
Caryophyllene	1434	6.94
beta-Farnesene	1459	0.86
alpha-Humulene	1467	0.54
Germacrene-D	1494	1.06
Bicyclogermacrene	1509	0.36
2'-Hydroxy-4',5'-dimethylacetophenone	1513	0.24
delta-Cadinene	1533	0.50
Caryophyllene oxide	1600	0.54
Veridiflorol	1609	1.57
alpha-Cadinol	1670	0.28

<i>Agastache rugosa</i>		
	RI	%
2-Hexenal, (E)-	857	0.71
alpha-Pinene	934	0.79
beta-Pinene	977	2.39
beta-Myrcene	993	0.65
Eucalyptol	1033	10.15
cis-Ocimene	1039	2.47
1,3,6-Octatriene, 3,7-dimethyl-, (E)-	1051	0.54
Menthofuran	1174	60.33
Menthol	1183	0.55
Benzofuran, 4,7-dimethyl-	1223	0.40
Carvone	1250	1.79
Cyclohexanone, 2,5-dimethyl-2-(1-methylethenyl)-	1372	0.64
beta-Bourbonene	1394	0.50
alpha-Gurjunene	1420	1.28
Caryophyllene	1431	6.47
Beta-farnesene	1459	1.15
Germacrene-D	1493	2.39
Bicyclogermacrene	1508	0.89
Delta-cadinene	1532	0.98
Veridiflorol	1608	3.16
tau-Muurolol	1656	0.70
alpha-Cadinol	1669	1.07