

Date : 2024-01-22

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 24A15-PTH02

Customer Identification : Oregano - O40111R

Type : Essential Oil

Source : *Origanum vulgare* ct. *Carvacrol*

Customer : Plant Therapy

Checked and approved by:

Alexis St-Gelais, Ph. D., Chimiste 2013-174

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GAS CHROMATOGRAPHIC ANALYSIS

Method : PC-MAT-014 - Analysis of the composition of an essential oil or other volatile liquide by FAST GC-FID

***ISO**

Results : See analysis summary (next page)

Analyst : Sylvain Mercier, M. Sc., Chimiste 2014-005

Date : 2024-01-18

PHYSICOCHEMICAL DATA

Refractive index : 1.5083 ± 0.0003 (20 °C)

Method : PC-MAT-016 - Measure of the refractive index of a liquid.

Analyst : Cindy Caron B. Sc.

Date : 2024-01-16

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method.

ANALYSIS SUMMARY - CONSOLIDATED CONTENTS

New readers of similar reports are encouraged to read table footnotes at least once.

Identification	%	Class
Isobutyral	0.01	Aliphatic aldehyde
Isovaleral	0.02	Aliphatic aldehyde
2-Methylbutyral	0.02	Aliphatic aldehyde
Methyl 2-methylbutyrate	0.01	Aliphatic ester
Furfural	0.02	Furan
(2E)-Hexenal	tr	Aliphatic aldehyde
Tricyclene	0.01	Monoterpene
α -Thujene	0.25	Monoterpene
α -Pinene	1.01	Monoterpene
Camphene	0.27	Monoterpene
α -Fenchene	0.03	Monoterpene
β -Pinene	0.20	Monoterpene
Sabinene	0.01	Monoterpene
Unknown	0.01	Monoterpene
Octen-3-ol	0.17	Aliphatic alcohol
Octan-3-one	0.03	Aliphatic ketone
Myrcene	0.98	Monoterpene
2,7-Dimethyl-2,6-octadiene	0.01	Monoterpene
α -Phellandrene	0.09	Monoterpene
Pseudolimonene	0.04	Monoterpene
Δ^3 -Carene	0.04	Monoterpene
α -Terpinene	0.80	Monoterpene
Carvomenthene	0.03	Aliphatic alcohol
<i>meta</i> -Cymene	0.05	Monoterpene
<i>para</i> -Cymene	8.62	Monoterpene
β -Phellandrene	0.10	Monoterpene
Limonene	0.29	Monoterpene
1,8-Cineole	0.18	Monoterpenic ether
<i>ortho</i> -Cymene	0.02	Monoterpene
(Z)- β -Ocimene	0.02	Monoterpene
(E)- β -Ocimene	0.03	Monoterpene
γ -Terpinene	4.89	Monoterpene
<i>cis</i> -Sabinene hydrate	0.13	Monoterpenic alcohol
<i>cis</i> -Linalool oxide (fur.)	0.03	Monoterpenic alcohol
Fenchone	0.02	Monoterpenic ketone
<i>trans</i> -Linalool oxide (fur.)	0.04	Monoterpenic alcohol
<i>para</i> -Cymenene	0.07	Monoterpene
Terpinolene	0.24	Monoterpene
<i>trans</i> -Sabinene hydrate	0.10	Monoterpenic alcohol
Linalool	3.75	Monoterpenic alcohol

Hotrienol	0.06	Monoterpenic alcohol
endo-Fenchol	0.02	Monoterpenic alcohol
<i>cis-para</i> -Menth-2-en-1-ol	0.03	Monoterpenic alcohol
α -Campholenal	0.02	Monoterpenic aldehyde
<i>trans</i> -Pinocarveol	0.02	Monoterpenic alcohol
<i>trans-para</i> -Menth-2-en-1-ol	0.02	Monoterpenic alcohol
Camphor	0.07	Monoterpenic ketone
Isoborneol	0.01	Monoterpenic alcohol
Borneol	0.84	Monoterpenic alcohol
Unknown	0.03	Unknown
<i>trans</i> -2-Caren-4-ol?	0.02	Monoterpenic alcohol
Umbellulone	0.01	Monoterpenic ketone
Terpinen-4-ol	0.52	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.02	Monoterpenic alcohol
α -Terpineol	0.21	Monoterpenic alcohol
<i>cis</i> -Dihydrocarvone	0.02	Monoterpenic ketone
<i>trans</i> -Dihydrocarvone	0.01	Monoterpenic ketone
Unknown	0.02	Unknown
<i>trans</i> -Piperitol	0.01	Monoterpenic alcohol
<i>trans</i> -Carveol	0.01	Monoterpenic alcohol
Thymol methyl ether	0.02	Monoterpenic ether
Carvacrol methyl ether	0.17	Monoterpenic ether
Unknown	0.05	Unknown
Carvone	0.12	Monoterpenic ketone
Carvenone	0.01	Monoterpenic ketone
Geraniol	0.01	Monoterpenic alcohol
Linalyl acetate	0.02	Monoterpenic ester
Bornyl acetate	0.04	Monoterpenic ester
Cuminol	0.02	Monoterpenic alcohol
Thymol analogue I (isothymol?)	0.03	Monoterpenic alcohol
Thymol	3.37	Monoterpenic alcohol
Thymol analogue II	0.03	Monoterpenic alcohol
Carvacrol	65.81	Monoterpenic alcohol
2,3-Dihydro-3,6-dihydroxyterpinolene	0.02	Monoterpenic alcohol
2-Methyl-6-propylphenol?	0.20	Miscellaneous
α -Terpinyl acetate	0.02	Monoterpenic ester
Eugenol	0.02	Phenylpropanoid
Neryl acetate	0.02	Monoterpenic ester
Carvacryl acetate	0.07	Monoterpenic ester
α -Copaene	0.02	Sesquiterpene
β -Bourbonene	0.03	Sesquiterpene
Geranyl acetate	0.03	Monoterpenic ester
β -Elemene	0.02	Sesquiterpene
Methyleugenol	0.04	Phenylpropanoid
<i>cis</i> - α -Bergamotene	0.02	Sesquiterpene

β-Caryophyllene	1.16	Sesquiterpene
β-Copaene	0.01	Sesquiterpene
Aromadendrene	0.11	Sesquiterpene
α-Humulene	0.09	Sesquiterpene
allo-Aromadendrene	0.01	Sesquiterpene
(E)-β-Farnesene	0.02	Sesquiterpene
cis-Muurolo-4(15),5-diene	0.02	Sesquiterpene
γ-Muurolole	0.02	Sesquiterpene
allo-Aromadendr-9-ene	0.03	Sesquiterpene
Viridiflorene	0.05	Sesquiterpene
α-Selinene	0.01	Sesquiterpene
(3Z,6E)-α-Farnesene	0.02	Sesquiterpene
α-Muurolole	0.01	Sesquiterpene
β-Bisabolene	1.14	Sesquiterpene
γ-Cadinene	0.02	Sesquiterpene
trans-Calamenene	0.02	Sesquiterpene
δ-Cadinene	0.07	Sesquiterpene
β-Sesquiphellandrene	0.02	Sesquiterpene
(E)-γ-Bisabolene	0.01	Sesquiterpene
(E)-α-Bisabolene	0.02	Sesquiterpene
Salviadienol?	tr	Sesquiterpenic alcohol
(E)-Nerolidol	0.01	Sesquiterpenic alcohol
Spathulenol	0.11	Sesquiterpenic alcohol
Caryophyllene oxide	0.28	Sesquiterpenic ether
Unknown	0.04	Oxygenated sesquiterpene
Humulene epoxide I	0.01	Sesquiterpenic ether
Humulene epoxide II	0.03	Sesquiterpenic ether
1,10-diepi-Cubenol	0.02	Sesquiterpenic alcohol
Caryophylladienol I	0.02	Sesquiterpenic alcohol
Caryophylladienol II	0.02	Sesquiterpenic alcohol
τ-Cadinol	0.17	Sesquiterpenic alcohol
Unknown	0.01	Unknown
α-Muurolol	0.02	Sesquiterpenic alcohol
Unknown	0.02	Oxygenated sesquiterpene
Unknown	0.02	Oxygenated sesquiterpene
(3Z)-Caryophylla-3,8(13)-dien-5β-ol	0.03	Sesquiterpenic alcohol
α-Bisabolol	0.04	Sesquiterpenic alcohol
Unknown	0.02	Unknown
Unknown	0.02	Unknown
Unknown	0.06	Unknown
Unknown	0.02	Unknown
Unknown	0.15	Unknown
Unknown	0.03	Unknown
meta-Camphorene	0.02	Diterpene
Unknown	0.05	Unknown

<i>para</i> -Camphorene	0.01	Diterpene
Unknown	0.01	Unknown
Unknown	0.02	Unknown
Manool	0.01	Diterpenic alcohol
7,13-Abietadiene	0.01	Diterpene
Unknown	0.02	Unknown
Unknown	0.03	Unknown
Unknown	0.01	Unknown
Unknown	0.02	Unknown
Consolidated total	99.01	

tr: The compound has been detected below 0.005% of the total signal

Note: no correction factor was applied

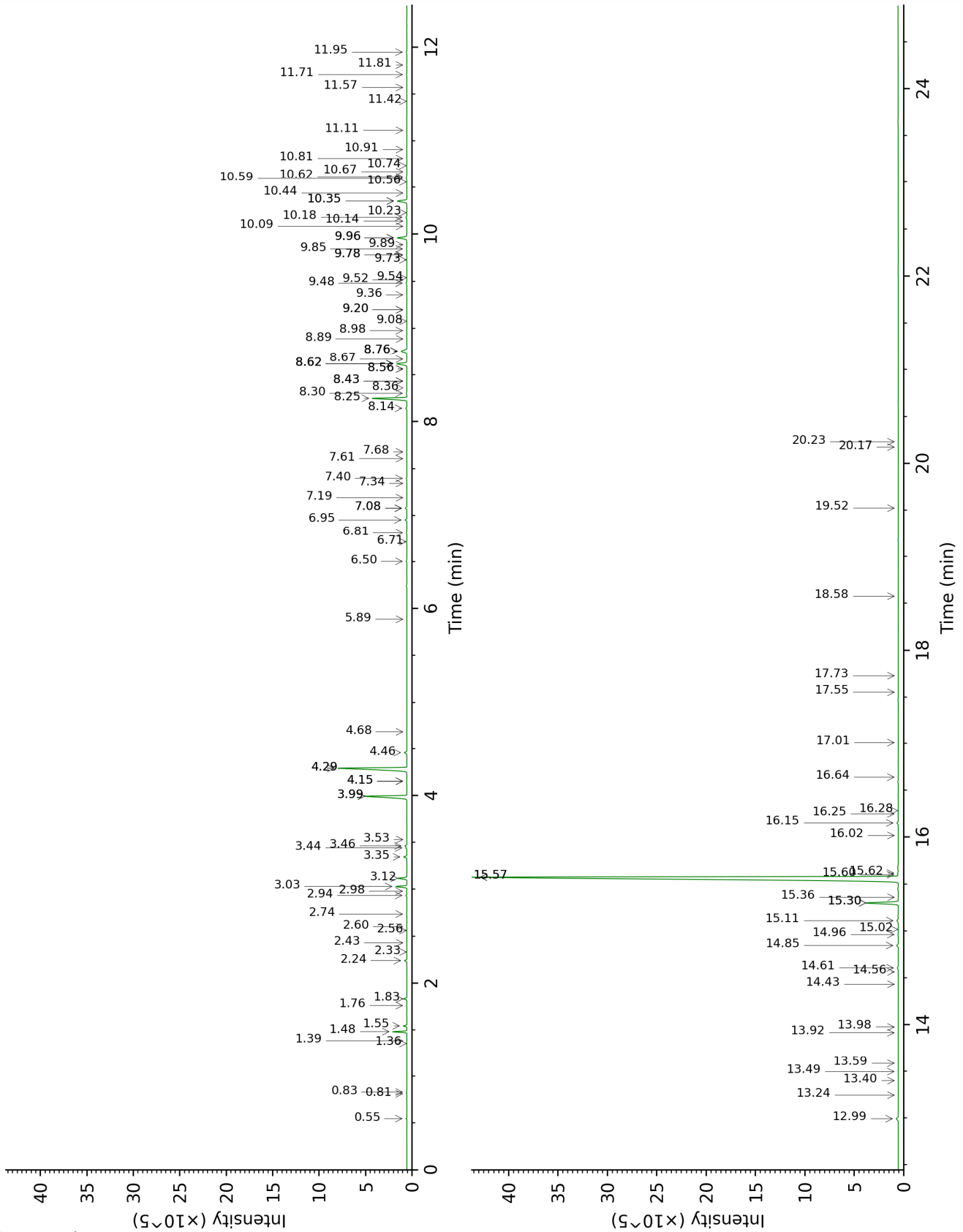
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm is set to prioritize data from the most standard DB-5 column, and smallest values so as to avoid overestimating individual content. This process is semi-automatic. Advanced users are invited to consult the "Full analysis data" table after the chromatograms in this report to access the full untreated data and perform their own calculations if needed.

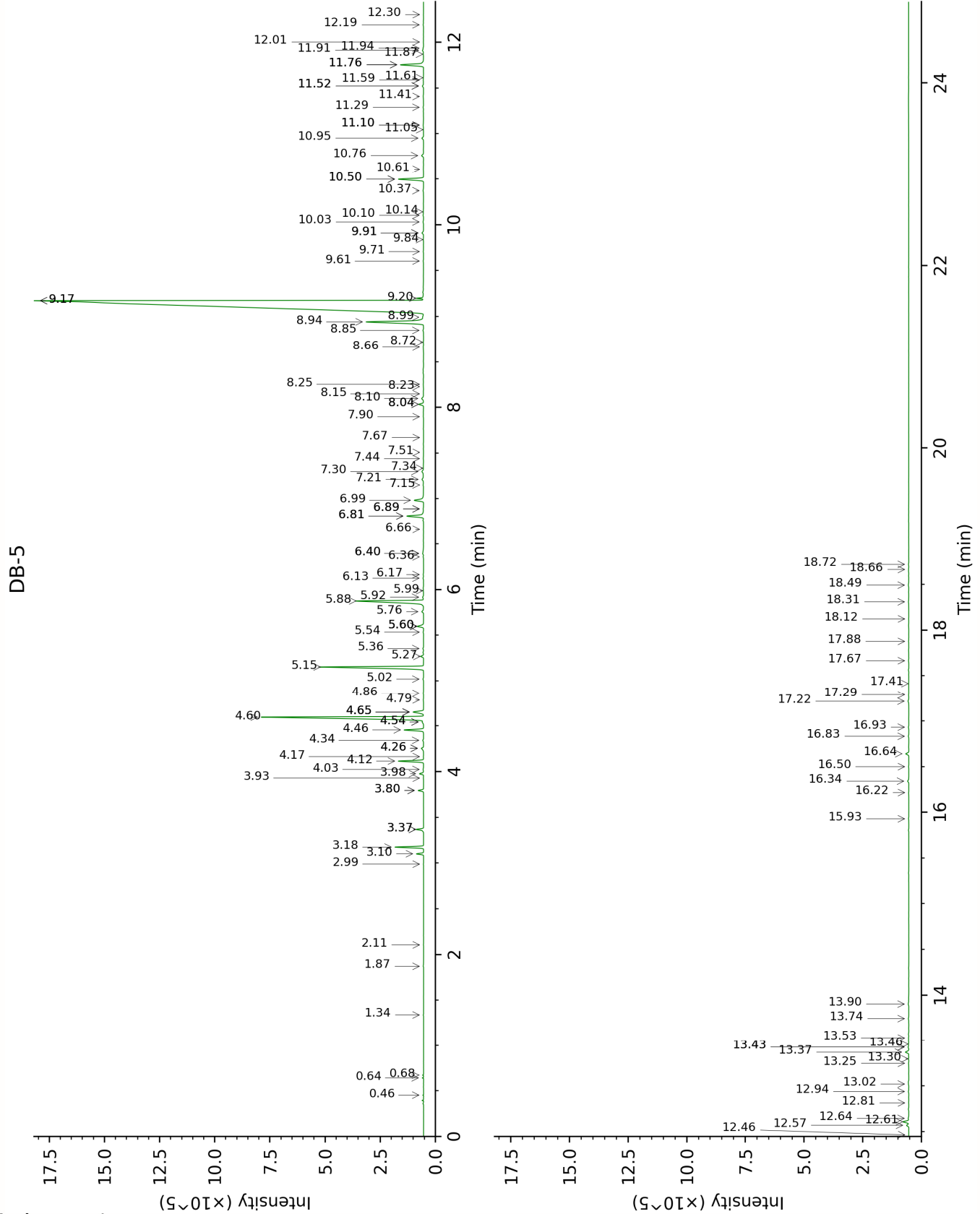
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

Bracketed value (xx): A bracketed percent value indicate that two or more compound percentage could not be solved due to coelution.

This page was intentionally left blank. The following pages present the complete data of the analysis.

DB-WAX





FULL ANALYSIS DATA

Isobutyral	Column DB-WAX			Column DB-5		
	0.55	777.2	0.04	0.46	538.3	0.01
Isovaleral	0.83	885.4	0.02	0.64	641.6	0.02
2-Methylbutyral	0.81	879.1	0.02	0.68	651.9	0.02
Methyl 2-methylbutyrate	1.38	977.0	0.01	1.34	774.8	0.01
Furfural	6.81	1407.8	0.05	1.87	830.7	0.02
(2E)-Hexenal	3.53	1170.6	0.01	2.11	849.9	tr
Tricyclene	1.36	972.9	0.01	2.99	918.9	0.01
α -Thujene	1.55	1000.7	0.25	3.10	926.4	0.25
α -Pinene	1.48	992.0	1.02	3.18	931.2	1.01
Camphene	1.83	1027.9	0.27	3.37*	943.9	[0.31]
α -Fenchene	1.76	1021.2	0.03	3.37*	943.9	[0.31]
β -Pinene	2.24	1066.4	0.20	3.80*	971.9	[0.21]
Sabinene	2.43	1084.2	0.01	3.80*	971.9	[0.21]
Unknown ORVU I [m/z 93, 79 (73), 67 (49), 95 (42), 91 (41), 121 (38)...]	2.56	1096.7	0.01	3.93	980.8	0.01
Octen-3-ol	6.95	1418.4	0.17	3.98	984.0	0.17
Octan-3-one	4.15*	1216.6	[0.05]	4.03	987.1	0.03
Myrcene	3.03	1132.7	0.97	4.12	993.1	0.98
2,7-Dimethyl-2,6-octadiene	2.33	1075.0	0.01	4.17	996.3	0.01
α -Phellandrene	2.94	1125.5	0.09	4.26*	1002.2	[0.13]
Pseudolimonene	2.98	1128.8	0.04	4.26*	1002.2	[0.13]
Δ^3 -Carene	2.74	1110.4	0.04	4.34	1007.8	0.04
α -Terpinene	3.12	1139.3	0.80	4.46	1015.0	0.80
Carvomenthene	2.60	1100.1	0.03	4.54*	1020.4	[0.08]
<i>meta</i> -Cymene	4.29*	1226.5	[8.66]	4.54*	1020.4	[0.08]
<i>para</i> -Cymene	4.29*	1226.5	[8.66]	4.60	1023.7	8.62
β -Phellandrene	3.44	1163.9	0.10	4.65*	1027.2	[0.58]
Limonene	3.35	1156.6	0.29	4.65*	1027.2	[0.58]
1,8-Cineole	3.46	1165.5	0.18	4.65*	1027.2	[0.58]
<i>ortho</i> -Cymene	4.68	1254.0	0.01	4.79	1035.6	0.02
(Z)- β -Ocimene	3.99*	1205.3	[4.89]	4.86	1040.3	0.02
(E)- β -Ocimene	4.15*	1216.6	[0.05]	5.02	1050.1	0.03
γ -Terpinene	3.99*	1205.3	[4.89]	5.15	1058.5	4.89
<i>cis</i> -Sabinene hydrate	7.08*	1427.7	[0.17]	5.27	1065.7	0.13
<i>cis</i> -Linalool oxide (fur.)	6.71	1400.7	0.03	5.36	1071.1	0.03
Fenchone	5.89	1341.6	0.01	5.54	1082.3	0.02
<i>trans</i> -Linalool oxide (fur.)	7.08*	1427.7	[0.17]	5.60*	1086.3	[0.32]

<i>para</i> -Cymenene	6.50	1385.8	0.07	5.60*	1086.3	[0.32]
Terpinolene	4.46	1238.3	0.24	5.60*	1086.3	[0.32]
<i>trans</i> -Sabinene hydrate	8.14	1506.8	0.12	5.76	1096.3	0.10
Linalool	8.25	1514.9	3.70	5.88	1103.6	3.75
Hotrienol	8.98	1571.1	0.03	5.92	1106.2	0.06
endo-Fenchol	8.56*	1539.1	[0.01]	5.99	1110.7	0.02
<i>cis-para</i> -Menth-2-en-1-ol	8.30	1519.0	0.07	6.13	1119.5	0.03
α -Campholenal	7.19	1436.0	0.02	6.16	1122.0	0.02
<i>trans</i> -Pinocarveol	9.36	1600.4	0.02	6.36	1134.3	0.02
<i>trans-para</i> -Menth-2-en-1-ol	9.20*	1588.1	[0.02]	6.40*	1136.7	[0.09]
Camphor	7.40	1451.2	0.07	6.40*	1136.7	[0.09]
Isoborneol	9.54	1615.2	0.01	6.66	1153.5	0.01
Borneol	9.96*	1649.4	[1.04]	6.81*	1163.3	[0.86]
Unknown PIMA 4 [m/z 109, 108 (48), 67 (41), 81 (40), 41 (28)...]	7.61	1466.8	0.03	6.81*	1163.3	[0.86]
<i>trans</i> -2-Caren-4-ol?				6.89*	1168.3	[0.02]
Umbellulone	9.08	1578.7	0.01	6.89*	1168.3	[0.02]
Terpinen-4-ol	8.76*	1554.1	[0.80]	6.99	1174.3	0.52
<i>para</i> -Cymen-8-ol	11.71	1794.4	0.05	7.15	1185.0	0.02
α -Terpineol	9.96*	1649.4	[1.04]	7.21*†	1188.8	[0.11]
<i>cis</i> -Dihydrocarvone	8.67	1547.3	0.02	7.30*†	1194.4	[0.13]
<i>trans</i> -Dihydrocarvone	8.89	1564.2	0.01	7.34	1196.6	0.01
Unknown PIMA 7 [m/z 95, 93 (32), 121 (24), 79 (22), 91 (21), 105 (16)... 154 (2)]	11.11	1744.3	0.02	7.44	1203.3	0.02
<i>trans</i> -Piperitol	10.62	1702.4	0.05	7.51	1207.8	0.01
<i>trans</i> -Carveol	11.57	1782.8	0.02	7.67	1218.6	0.01
Thymol methyl ether	8.62*	1543.5	[1.20]	7.90	1233.9	0.02
Carvacrol methyl ether	8.76*	1554.1	[0.80]	8.04*	1243.0	[0.22]
Unknown MEPI XVI [m/z 69, 41 (59), 93 (46), 68 (22), 43 (21), 80 (19)...]				8.04*	1243.0	[0.22]
Carvone	10.18	1666.9	0.11	8.10	1247.2	0.12
Carvenone	10.09	1659.2	0.03	8.15	1250.6	0.01
Geraniol	11.81	1803.3	0.03	8.23	1255.9	0.01
Linalyl acetate	8.36	1523.5	0.02	8.25	1257.6	0.02
Bornyl acetate	8.43*	1529.1	[0.02]	8.66	1284.9	0.04

Cuminol	14.43	2042.6	0.01	8.72	1288.7	0.02
Thymol analogue I (isothymol?)	15.30*	2127.1	[3.32]	8.85	1297.4	0.03
Thymol	15.30*	2127.1	[3.32]	8.94	1303.7	3.37
Thymol analogue II	15.58*	2154.5	[65.50]	8.99	1307.1	0.03
Carvacrol	15.58*	2154.5	[65.50]	9.17*	1319.9	[65.83]
2,3-Dihydro-3,6-dihydroxyterpinolene	15.02	2098.8	0.02	9.17*	1319.9	[65.83]
2-Methyl-6-propylphenol?				9.20	1321.7	0.20
α -Terpinyl acetate	9.89	1643.4	0.02	9.61	1350.3	0.02
Eugenol	14.96	2093.4	0.04	9.71	1357.6	0.02
Neryl acetate	10.35*	1680.9	[1.09]	9.84	1366.7	0.02
Carvacryl acetate	11.95	1815.4	0.07	9.91*	1371.8	[0.09]
α -Copaene	7.34	1447.2	0.02	9.91*	1371.8	[0.09]
β -Bourbonene	7.68	1472.1	0.02	10.03	1380.3	0.03
Geranyl acetate	10.74	1712.4	0.03	10.10	1385.4	0.03
β -Elemene	8.62*	1543.5	[1.20]	10.14	1388.0	0.02
Methyleugenol	13.50	1954.4	0.04	10.37	1404.3	0.04
<i>cis</i> - α -Bergamotene	8.43*	1529.1	[0.02]	10.50*	1413.6	[1.17]
β -Caryophyllene	8.62*	1543.5	[1.20]	10.50*	1413.6	[1.17]
β -Copaene	8.56*	1539.1	[0.01]	10.61	1422.1	0.01
Aromadendrene	8.76*	1554.1	[0.80]	10.76	1433.3	0.11
α -Humulene	9.48	1610.5	0.08	10.95	1447.5	0.09
allo-Aromadendrene	9.20*	1588.1	[0.02]	11.05	1454.3	0.01
(<i>E</i>)- β -Farnesene	9.78*	1634.6	[0.05]	11.10*	1458.1	[0.03]
<i>cis</i> -Muurolo-4(15),5-diene	9.52	1613.3	0.02	11.10*	1458.1	[0.03]
γ -Muurolole	9.78*	1634.6	[0.05]	11.29	1472.6	0.02
allo-Aromadendr-9-ene	9.73	1630.5	0.02	11.41	1481.4	0.03
Viridiflorene	9.85	1639.9	0.05	11.52*	1489.9	[0.06]
α -Selinene	10.14	1663.7	0.01	11.52*	1489.9	[0.06]
(3 <i>Z</i> ,6 <i>E</i>)- α -Farnesene	10.44	1687.8	0.01	11.59	1494.7	0.02
α -Muurolole	10.23	1670.9	0.01	11.61	1496.6	0.01
β -Bisabolene	10.35*	1680.9	[1.09]	11.76*	1507.3	[1.16]
γ -Cadinene	10.56	1697.3	0.02	11.76*	1507.3	[1.16]
<i>trans</i> -Calamenene	11.42	1770.4	0.01	11.87	1516.3	0.02
δ -Cadinene	10.59	1700.4	0.08	11.91	1519.7	0.07
β -Sesquiphellandrene	10.81	1718.8	0.03	11.94	1521.5	0.02
(<i>E</i>)- γ -Bisabolene	10.67	1707.0	0.01	12.00	1526.8	0.01
(<i>E</i>)- α -Bisabolene	10.91	1727.0	0.03	12.19	1541.6	0.02
Salviadienol?	14.56	2055.2	0.01	12.30	1550.3	tr
(<i>E</i>)-Nerolidol	13.98	1998.9	0.01	12.46	1562.7	0.01

Spathulenol	14.61	2059.3	0.11	12.57	1571.0	0.11
Caryophyllene oxide	12.99	1908.0	0.28	12.61	1574.0	0.28
Unknown HEBR VI [m/z 109, 43 (95), 81 (81), 93 (76), 69 (75), 95 (74), 107 (71)... 204 (22), 220 (6)]				12.64	1577.0	0.04
Humulene epoxide I	13.40	1945.5	0.01	12.81	1590.2	0.01
Humulene epoxide II	13.58	1962.6	0.02	12.94	1600.0	0.03
1,10-diepi-Cubenol	13.92	1993.2	0.03	13.02	1606.5	0.02
Caryophylladienol I	16.25	2223.0	0.03	13.25	1625.3	0.02
Caryophylladienol II	16.28	2226.5	0.02	13.30	1629.3	0.02
τ -Cadinol	15.11	2108.2	0.17	13.37	1635.4	0.17
Unknown LYUN IV [m/z 123, 43 (86), 81 (75), 95 (73), 82 (68), 161 (64), 105 (63)... 220 (6)]	13.24	1931.2	0.01	13.43*	1640.1	[0.04]
α -Muurolol	15.36	2133.1	0.02	13.43*	1640.1	[0.04]
Unknown CASA XXVI [m/z 81, 93 (84), 41 (70), 79 (61), 55 (56), 123 (55), 95 (54), 107 (50)... 220 (t)]	16.64	2263.5	0.03	13.46	1642.7	0.02
Unknown CHZI XV [m/z 161, 59 (67), 95 (45), 93 (40), 105 (40), 149 (39), 81 (39), 43 (38), 204 (37)... 220 (5)]	14.85	2082.2	0.18	13.53	1648.6	0.02
(3Z)-Caryophylla- 3,8(13)-dien-5 β -ol	17.01	2302.1	0.03	13.74	1666.2	0.03
α -Bisabolol	15.60	2157.0	0.04	13.90	1679.3	0.04
Unknown ORVU II [m/z 81, 150 (90), 136 (88), 135 (74), 93 (54), 121 (41)...]				15.93	1856.1	0.02
Unknown ORVU XIII [m/z 93, 135 (57), 43 (41), 91 (39), 150 (22)...]				16.22	1882.1	0.02
Unknown ORVU III [m/z 81, 150 (83), 136 (81), 135 (67), 93 (48), 121 (36)...]				16.34	1893.5	0.06

Unknown ORVU XIV [m/z 93, 149 (98), 150 (85), 135 (55), 43 (29)...]				16.50	1908.0	0.02
Unknown ORVU X [m/z 136, 81 (81), 150 (74), 135 (52), 93 (46), 121 (42)...]	16.15	2212.9	0.15	16.64	1921.5	0.15
Unknown ORVU XV [m/z 81, 136 (71), 150 (57), 93 (47), 135 (42)...]				16.83	1939.6	0.03
<i>meta</i> -Camphorene	15.62	2158.8	0.06	16.93	1949.1	0.02
Unknown ORVU XVI [m/z 150, 135 (59), 81 (32), 136 (26), 257 (21)...]				17.22	1976.2	0.05
<i>para</i> -Camphorene	16.02	2199.0	0.01	17.29	1983.1	0.01
Unknown MOFI III [m/z 99, 43 (43), 69 (37), 71 (37), 41 (28)...]	17.73	2379.7	0.01	17.42	1995.0	0.01
Unknown ORVU VI [m/z 135, 150 (66), 43 (38), 109 (27), 93 (25), 137 (20)...]	18.58	2473.9	0.01	17.67	2019.5	0.02
Manool	19.52	2582.7	0.01	17.88	2040.5	0.01
7,13-Abietadiene	17.55	2360.7	0.01	18.12	2064.8	0.01
Unknown ORVU XVIII [m/z 135, 150 (71), 43 (55), 93 (36), 109 (36), 91 (28)...]				18.31	2083.3	0.02
Unknown ORVU XVII [m/z 255, 270 (52), 119 (31), 122 (26), 91 (22), 256 (22)...]				18.49	2101.4	0.03
Unknown MOFI V [m/z 69, 41 (81), 91 (37), 166 (35), 105 (33), 43 (30)...]	20.17	2660.2	0.01	18.66	2119.1	0.01
Unknown MOFI VI [m/z 69, 41 (74), 166 (36), 91 (32), 105 (28), 43 (25)...]	20.23	2666.9	0.01	18.72	2124.8	0.02
Total reported		98.24%			99.01%	

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, only the first one is taken into account in the consolidated total

†: Peaks apexes were resolved, but peaks overlapped and were summed for analysis

tr: The compound has been detected below 0.005% of total signal.

Note: no correction factor was applied

R.T.: Retention time (minutes)

R.I.: Retention index