

Date : 2024-01-24

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 24A09-NPA01

Customer Identification : Ylang ylang - Madagascar - NPS00125 - Lot# NP0231

Type : Essential Oil

Source : *Cananga odorata var. genuina* (Ylang-ylang)

Customer : Nature Packaged

Checked and approved by:

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

Notes: This report is digitally signed, it is only considered valid if the digital signature is intact. The results only describe the samples that were submitted to the assays.

This report is an update from the first version issued on 2024-01-23 to format it for online publication.

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 : 2024-01-15

PHYSICOCHEMICAL DATA

Refractive index : 1.5015 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2024-01-09

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
2-Methyl-3-buten-2-ol	0.01	Aliphatic alcohol
Ethyl acetate	0.01	Aliphatic ester
Hexanal	tr	Aliphatic aldehyde
Octane	tr	Alkane
Butyl acetate	tr	Aliphatic ester
Isoamyl acetate	0.01	Aliphatic ester
2-Methylbutyl acetate	0.01	Aliphatic ester
3-Methyl-3-butenyl acetate	0.04	Aliphatic ester
Ethanol	tr	Aliphatic alcohol
Amyl acetate	tr	Aliphatic ester
Prenyl acetate	0.13	Aliphatic ester
α -Pinene	0.16	Monoterpene
Camphene	0.01	Monoterpene
Benzaldehyde	0.02	Simple phenolic
β -Pinene	0.06	Monoterpene
Sabinene	0.01	Monoterpene
6-Methyl-5-hepten-2-one	0.02	Aliphatic ketone
Myrcene	0.09	Monoterpene
(3Z)-Hexenyl acetate	0.01	Aliphatic ester
<i>para</i> -Methylanisole	2.96	Simple phenolic
1,8-Cineole	0.16	Monoterpenic ether
Limonene	0.03	Monoterpene
(Z)- β -Ocimene	0.02	Monoterpene
(E)- β -Ocimene	0.02	Monoterpene
<i>cis</i> -Sabinene hydrate	0.01	Monoterpenic alcohol
<i>cis</i> -Linalool oxide (fur.)	0.02	Monoterpenic alcohol
<i>trans</i> -Linalool oxide (fur.)	0.02	Monoterpenic alcohol
Methyl benzoate	1.58	Phenolic ester
<i>trans</i> -Sabinene hydrate	0.06	Monoterpenic alcohol
Linalool	6.87	Monoterpenic alcohol
Benzeneacetonitrile	0.02	Simple phenolic
<i>ortho</i> -Dimethoxybenzene	0.02	Simple phenolic
Benzyl acetate	1.75	Phenolic ester
<i>para</i> -Cresyl acetate	0.03	Phenolic ester
Ethyl benzoate	0.04	Phenolic ester
Terpinen-4-ol	tr	Monoterpenic alcohol
α -Terpineol	0.16	Monoterpenic alcohol
Methylchavicol	0.12	Phenylpropanoid
Nerol	0.03	Monoterpenic alcohol
Neral	0.03	Monoterpenic aldehyde

Phenylethyl acetate	0.03	Phenolic ester
Geraniol	1.36	Monoterpenic alcohol
Geranial	0.08	Monoterpenic aldehyde
(E)-Anethole	0.04	Phenylpropanoid
1-Nitro-2-phenylethane	0.06	Simple phenolic
(E)-Cinnamyl alcohol	0.01	Phenylpropanoid
4-Vinylguaiacol	0.03	Simple phenolic
Bicycloelemene	0.11	Sesquiterpene
α -Cubebene	0.18	Sesquiterpene
Eugenol	0.58	Phenylpropanoid
Neryl acetate	0.05	Monoterpenic ester
α -Ylangene	0.06	Sesquiterpene
α -Copaene	1.10	Sesquiterpene
β -Bourbonene	0.02	Sesquiterpene
β -Cubebene	0.15	Sesquiterpene
Geranyl acetate	6.65	Monoterpenic ester
β -Elemene	0.42	Sesquiterpene
Vanillin	0.01	Simple phenolic
Sibirene	0.04	Sesquiterpene
α -Gurjunene	0.01	Sesquiterpene
Methyleugenol	0.03	Phenylpropanoid
β -Caryophyllene	14.12	Sesquiterpene
Caryophylla-4(12),8(13)-diene	0.09	Sesquiterpene
β -Copaene	0.41	Sesquiterpene
γ -Elemene	0.01	Sesquiterpene
Aromadendrene	0.02	Sesquiterpene
α -Guaiene	0.05	Sesquiterpene
Isogermacrene D	0.04	Sesquiterpene
(E)-Cinnamyl acetate	0.49	Phenylpropanoid ester
α -Humulene	3.68	Sesquiterpene
(E)-Isoeugenol	0.38	Phenylpropanoid
<i>cis</i> -Muurolo-4(15),5-diene	0.14	Sesquiterpene
<i>cis</i> -Cadina-1(6),4-diene	0.09	Sesquiterpene
Unknown	0.02	Unknown
<i>trans</i> -Cadina-1(6),4-diene	0.29	Sesquiterpene
γ -Muurolole	2.04	Sesquiterpene
Germacrene D	16.92	Sesquiterpene
<i>trans</i> -Muurolo-4(15),5-diene	0.03	Sesquiterpene
γ -Amorphene	0.42	Sesquiterpene
epi-Cubebol	0.04	Sesquiterpenic alcohol
Prenyl benzoate	0.87	Phenolic ester
Viridiflorene	0.08	Sesquiterpene
Bicyclogermacrene	0.17	Sesquiterpene
(3Z,6E)- α -Farnesene	0.06	Sesquiterpene
α -Muurolole	0.92	Sesquiterpene

Methyl (<i>E</i>)-isoeugenol	0.04	Phenylpropanoid
δ-Amorphene	1.00	Sesquiterpene
Unknown	1.13	Sesquiterpene
(3 <i>E</i> ,6 <i>E</i>)-α-Farnesene	7.93	Sesquiterpene
Cubebol	0.04	Sesquiterpenic alcohol
γ-Cadinene	0.95	Sesquiterpene
<i>trans</i> -Calamenene	0.11	Sesquiterpene
Zonarene	[3.47]	Sesquiterpene
δ-Cadinene	[3.47]	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.22	Sesquiterpene
α-Cadinene	0.27	Sesquiterpene
α-Calacorene	0.05	Sesquiterpene
<i>cis</i> -Dracunculifolol	0.02	Sesquiterpenic alcohol
α-Elemol	0.08	Sesquiterpenic alcohol
Germacrene B	0.05	Sesquiterpene
β-Calacorene	0.02	Sesquiterpene
(<i>E</i>)-Nerolidol	0.13	Sesquiterpenic alcohol
(3 <i>Z</i>)-Hexenyl benzoate	0.02	Phenolic ester
Germacrene D-4-ol	0.07	Sesquiterpenic alcohol
Spathulenol	0.05	Sesquiterpenic alcohol
Caryophyllene oxide	0.15	Sesquiterpenic ether
Caryophyllene oxide isomer	[0.08]	Sesquiterpenic ether
10-epi-Junenol	[0.08]	Sesquiterpenic alcohol
<i>trans</i> -Dracunculifolol	0.05	Sesquiterpenic alcohol
Unknown	0.06	Sesquiterpenic alcohol
Unknown	0.10	Oxygenated sesquiterpene
Viridiflorol	0.11	Sesquiterpenic alcohol
Guaiol	0.06	Sesquiterpenic alcohol
Copaborneol	0.06	Sesquiterpenic alcohol
Humulene epoxide II	0.06	Sesquiterpenic ether
1,10-diepi-Cubenol	0.05	Sesquiterpenic alcohol
(<i>E</i>)-Isoeugenyl acetate	0.01	Phenylpropanoid ester
Junenol	0.29	Sesquiterpenic alcohol
1-epi-Cubenol	0.26	Sesquiterpenic alcohol
γ-Eudesmol	0.14	Sesquiterpenic alcohol
τ-Muurolol	0.75	Sesquiterpenic alcohol
Cubenol	0.19	Sesquiterpenic alcohol
τ-Cadinol	0.37	Sesquiterpenic alcohol
α-Muurolol	0.38	Sesquiterpenic alcohol
Unknown	0.24	Sesquiterpenic alcohol
α-Cadinol	1.40	Sesquiterpenic alcohol
<i>cis</i> -Calamenen-10-ol	0.03	Sesquiterpenic alcohol
<i>trans</i> -Calamenen-10-ol	0.04	Sesquiterpenic alcohol
Bulnesol	0.03	Sesquiterpenic alcohol
Unknown	0.18	Oxygenated sesquiterpene

(2E,6Z)-Farnesol	0.01	Sesquiterpenic alcohol
(2Z,6E)-Farnesol	0.02	Sesquiterpenic alcohol
(2E,6E)-Farnesol	1.73	Sesquiterpenic alcohol
(2E,6E)-Farnesal	0.04	Sesquiterpenic aldehyde
Benzyl benzoate	5.58	Phenolic ester
Unknown	0.02	Unknown
(2E,6E)-Farnesyl acetate	1.34	Sesquiterpenic ester
Benzyl salicylate	1.46	Phenolic ester
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Oxygenated sesquiterpene
Geranyl benzoate	0.12	Phenolic ester
Unknown	0.02	Unknown
Unknown	0.05	Unknown
Unknown	0.01	Unknown
Unknown	0.03	Unknown
Consolidated total	98.16	

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

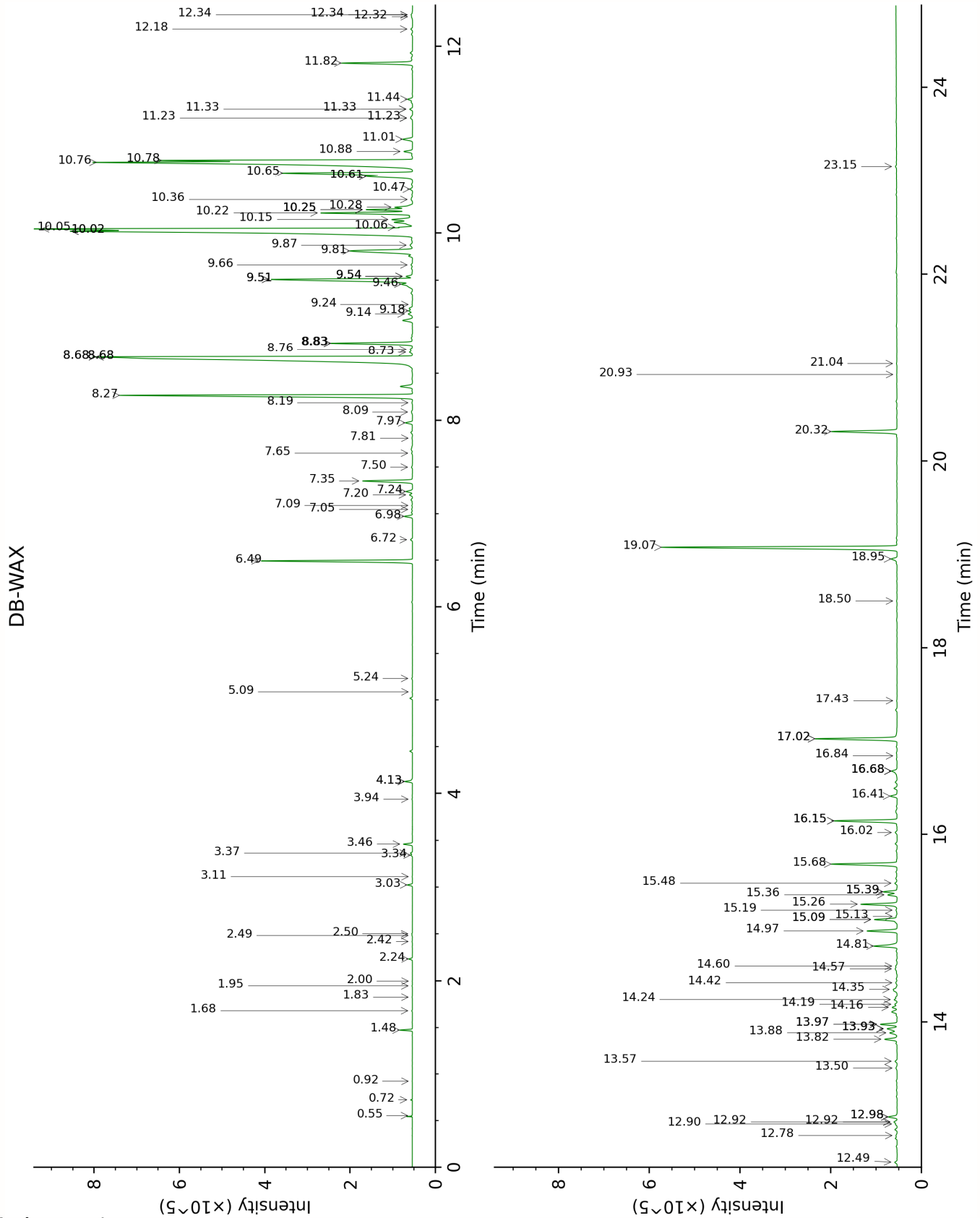
Note: no correction factor was applied

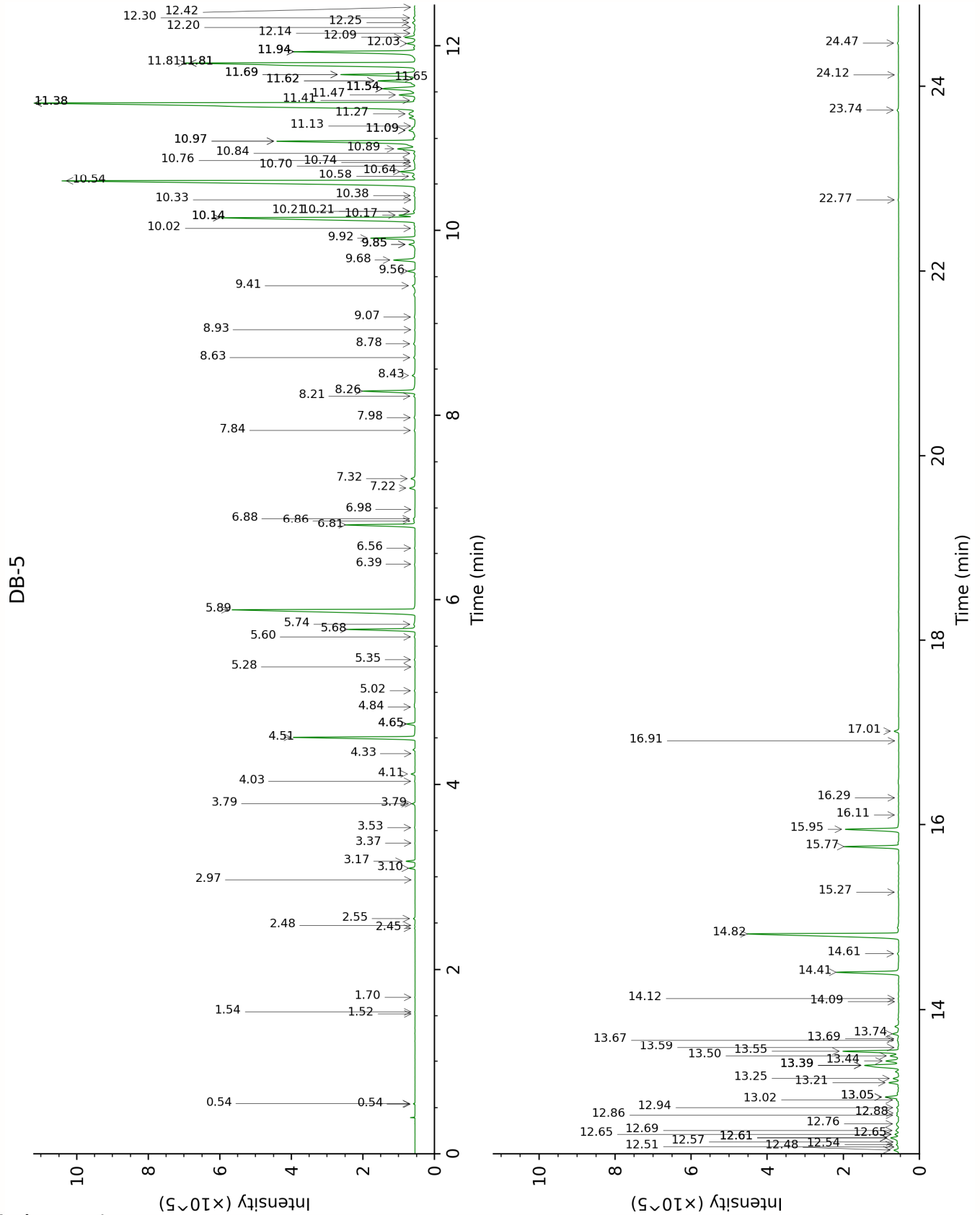
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm 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.

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FULL ANALYSIS DATA

2-Methyl-3-buten-2-ol	Column DB-WAX			Column DB-5		
	1.68	1013.6	0.01	0.54	606.0	0.01
Ethyl acetate	0.72	849.1	0.01	0.54	608.0	0.01
Hexanal	2.00	1043.4	tr	1.52	799.8	tr
Octane	0.55	781.5	tr	1.54	802.8	tr
Butyl acetate	1.95	1038.7	tr	1.70	816.6	tr
Isoamyl acetate	2.50	1091.2	0.01	2.45	877.8	0.01
2-Methylbutyl acetate	2.49	1089.4	0.01	2.48	880.3	0.01
3-Methyl-3-butenyl acetate	3.36	1158.0	0.04	2.55	886.3	0.04
Ethanol	0.92	907.3	tr			
Amyl acetate	3.11	1139.0	0.01	2.97	917.5	tr
Prenyl acetate	4.13*	1214.9	[0.15]	3.10	925.8	0.13
α -Pinene	1.48	990.9	0.16	3.17	930.8	0.16
Camphene	1.83	1027.3	0.01	3.37	943.7	0.01
Benzaldehyde	7.50	1458.9	0.03	3.53	954.7	0.02
β -Pinene	2.24	1065.8	0.06	3.79*	971.7	[0.07]
Sabinene	2.42	1083.4	0.01	3.79*	971.7	[0.07]
6-Methyl-5-hepten-2-one	5.24	1293.7	0.01	4.03	987.6	0.02
Myrcene	3.03	1132.3	0.08	4.11	992.8	0.09
(3Z)-Hexenyl acetate	5.09	1283.5	0.01	4.33	1007.2	0.01
<i>para</i> -Methylanisole	6.49	1384.9	2.94	4.51	1018.2	2.96
1,8-Cineole	3.46	1165.3	0.16	4.65*	1027.2	[0.18]
Limonene	3.34	1156.3	0.03	4.65*	1027.2	[0.18]
(Z)- β -Ocimene	3.94	1201.5	0.01	4.84	1038.6	0.02
(E)- β -Ocimene	4.13*	1214.9	[0.15]	5.02	1050.1	0.02
<i>cis</i> -Sabinene hydrate	7.09	1428.6	0.01	5.28	1066.1	0.01
<i>cis</i> -Linalool oxide (fur.)	6.72	1401.1	0.04	5.35	1071.0	0.02
<i>trans</i> -Linalool oxide (fur.)	7.05	1425.5	0.02	5.60	1086.4	0.02
Methyl benzoate	8.83*	1559.6	[1.64]	5.68	1091.5	1.58
<i>trans</i> -Sabinene hydrate	8.19	1510.2	0.02	5.74	1094.9	0.06
Linalool	8.27	1516.3	6.80	5.89	1104.7	6.87
Benzeneacetonitrile	12.34*	1849.8	[0.04]	6.39	1136.1	0.02
<i>ortho</i> -Dimethoxybenzene				6.56	1147.2	0.02
Benzyl acetate	10.22*†	1669.7	[1.95]	6.81	1163.2	1.75
<i>para</i> -Cresyl acetate	10.25*†	1672.5	[0.92]	6.86	1166.4	0.03

Ethyl benzoate	9.51*	1612.7	[3.72]	6.88	1167.8	0.04
Terpinen-4-ol	8.76	1554.4	0.07	6.98	1174.2	tr
α -Terpineol	10.02*†	1654.0	[10.66]	7.22	1189.0	0.16
Methylchavicol	9.54*	1615.3	[0.15]	7.32	1195.5	0.12
Nerol	11.24*	1754.5	[0.07]	7.84	1229.9	0.03
Neral	9.66	1625.1	0.04	7.98	1239.1	0.03
Phenylethyl acetate	11.24*	1754.5	[0.07]	8.21	1254.6	0.03
Geraniol	11.82	1804.3	1.42	8.26	1258.3	1.36
Geranial	10.28	1674.6	0.41	8.43	1269.5	0.08
(<i>E</i>)-Anethole	11.33*	1762.5	[0.06]	8.63	1282.4	0.04
1-Nitro-2-phenylethane	14.42	2041.1	0.04	8.78	1292.9	0.06
(<i>E</i>)-Cinnamyl alcohol	16.15*	2212.3	[1.36]	8.93	1303.0	0.01
4-Vinylguaiacol	15.36	2132.6	0.19	9.07	1312.5	0.03
Bicycloelemene	7.24	1439.7	0.14	9.41	1336.3	0.11
α -Cubebene	6.98	1420.1	0.16	9.56	1347.3	0.18
Eugenol	14.97	2094.1	0.62	9.68	1355.7	0.58
Neryl acetate	10.36	1681.3	0.05	9.85*	1367.5	[0.19]
α -Ylangene	7.20	1437.0	0.06	9.85*	1367.5	[0.19]
α -Copaene	7.35	1448.0	1.06	9.92	1372.4	1.10
β -Bourbonene	7.65	1469.9	0.02	10.02	1379.7	0.02
β -Cubebene	7.97	1493.9	0.15	10.14*	1387.8	[6.80]
Geranyl acetate	10.78*†	1716.4	[4.09]	10.14*	1387.8	[6.80]
β -Elemene	8.68*	1548.0	[14.51]	10.17	1389.7	0.42
Vanillin	18.50	2465.3	0.01	10.21*	1392.6	[0.05]
Sibirene	8.09	1502.5	0.04	10.21*	1392.6	[0.05]
α -Gurjunene	7.81	1481.7	0.02	10.33	1401.4	0.01
Methyleugenol	13.50	1954.7	0.04	10.38	1404.5	0.03
β -Caryophyllene	8.68*	1548.0	[14.51]	10.54	1416.4	14.12
Caryophylla-4(12),8(13)-diene	8.83*	1559.6	[1.64]	10.58	1420.0	0.09
β -Copaene	8.68*	1548.0	[14.51]	10.64	1424.4	0.41
γ -Elemene	9.24	1591.4	0.01	10.70	1428.8	0.01
Aromadendrene	8.73	1551.9	0.07	10.74	1431.7	0.02
α -Guaiene	8.68*	1548.0	[14.51]	10.76	1433.3	0.05
Isogermacrene D	9.14	1583.7	0.11	10.84	1438.9	0.04
(<i>E</i>)-Cinnamyl acetate	14.81	2078.7	0.56	10.89	1442.6	0.49
α -Humulene	9.51*	1612.7	[3.72]	10.97*	1448.8	[4.06]
(<i>E</i>)-Isoeugenol	16.68*	2267.3	[0.18]	10.97*	1448.8	[4.06]
<i>cis</i> -Muurolo-4(15),5-diene	9.54*	1615.3	[0.15]	11.09*	1457.4	[0.23]
<i>cis</i> -Cadina-1(6),4-diene	9.18	1586.3	0.09	11.09*	1457.4	[0.23]

Unknown CAOD VI [m/z 153, 93 (85), 168 (74), 125 (45), 65 (32)...]				11.13	1460.9	0.02
<i>trans</i> -Cadina-1(6),4- diene	9.46	1608.6	0.38	11.27	1470.7	0.29
γ -Muurolene	9.81	1637.2	2.04	11.38*	1479.4	[18.95]
Germacrene D	10.02*†	1654.0	[10.66]	11.38*	1479.4	[18.95]
<i>trans</i> -Muurola- 4(15),5-diene	10.06	1657.4	0.13	11.41	1481.5	0.03
γ -Amorphene	10.05*†	1656.1	[8.01]	11.47	1485.9	0.42
epi-Cubebol	12.18	1836.4	0.04	11.54*	1491.0	[1.16]
Prenyl benzoate	13.93*	1994.2	[0.26]	11.54*	1491.0	[1.16]
Viridiflorene	9.87	1642.1	0.08	11.54*	1491.0	[1.16]
Bicyclogermacrene	10.25*†	1672.5	[0.92]	11.54*	1491.0	[1.16]
(3 <i>Z</i> ,6 <i>E</i>)- α -Farnesene	10.47	1690.2	0.06	11.62*	1497.2	[0.98]
α -Muurolene	10.25*†	1672.5	[0.92]	11.62*	1497.2	[0.98]
Methyl (<i>E</i>)- isoeugenol	15.19	2116.3	0.03	11.65	1499.1	0.04
δ -Amorphene	10.15†	1664.1	0.51	11.69*	1502.3	[2.13]
Unknown CAOD II [m/z 119, 41 (95), 123 (53), 80 (49), 161 (44), 105 (42)... 204 (2)]				11.69*	1502.3	[2.13]
(3 <i>E</i> ,6 <i>E</i>)- α -Farnesene	10.76*†	1714.6	[10.49]	11.81*	1511.8	[8.92]
Cubebol	12.78	1888.7	0.04	11.81*	1511.8	[8.92]
γ -Cadinene	10.61*†	1701.5	[1.16]	11.81*	1511.8	[8.92]
<i>trans</i> -Calamenene	11.44	1771.4	0.11	11.94*	1521.5	[3.58]
Zonarene	10.61*†	1701.5	[1.16]	11.94*	1521.5	[3.58]
δ -Cadinene	10.65*†	1704.8	[3.20]	11.94*	1521.5	[3.58]
<i>trans</i> -Cadina-1,4- diene	10.88	1724.4	0.20	12.03	1528.4	0.22
α -Cadinene	11.01	1735.4	0.24	12.09	1533.7	0.27
α -Calacorene	12.32	1848.0	0.03	12.14	1537.1	0.05
<i>cis</i> -Dracunculifoliol	12.34*	1849.8	[0.04]	12.20	1542.0	0.02
α -Elemol	14.24	2023.9	0.06	12.25	1546.1	0.08
Germacrene B	11.33*	1762.5	[0.06]	12.30	1550.1	0.05
β -Calacorene	12.90	1899.7	0.03	12.42	1559.2	0.02
(<i>E</i>)-Nerolidol	13.98*	1998.7	[0.35]	12.48	1563.8	0.13
(3 <i>Z</i>)-Hexenyl benzoate	14.60	2058.2	0.03	12.51	1566.5	0.02
Germacrene D-4-ol	13.88	1990.1	0.18	12.54	1568.5	0.07
Spathulenol	14.57	2055.4	0.07	12.57	1570.8	0.05
Caryophyllene	12.98*	1906.7	[0.20]	12.61*	1574.3	[0.27]

oxide						
Caryophyllene oxide isomer	12.92*	1901.7	[0.08]	12.61*	1574.3	[0.27]
10-epi-Junenol	12.92*	1901.7	[0.08]	12.61*	1574.3	[0.27]
<i>trans</i> -Dracunculifoliol	12.98*	1906.7	[0.20]	12.65*	1577.2	[0.10]
Unknown cadinol or muurolol analog [m/z 161, 119 (77), 120 (76), 105 (73), 93 (57)... 204 (36)]	12.49	1863.4	0.06	12.65*	1577.2	[0.10]
Unknown MECA III [m/z 161, 105 (84), 43 (80), 119 (72), 93 (62), 121 (54)... 204 (38), 222 (2)]	14.16	2016.0	0.11	12.69	1580.5	0.10
Viridiflorol	14.19	2019.1	0.05	12.76	1586.1	0.11
Guaiol	14.35	2034.3	0.15	12.86	1593.5	0.06
Copaborneol	15.13	2109.6	0.02	12.88	1595.3	0.06
Humulene epoxide II	13.57	1961.5	0.05	12.94	1599.9	0.06
1,10-diepi-Cubenol	13.93*	1994.2	[0.26]	13.02	1606.5	0.05
(<i>E</i>)-Isoeugenyl acetate	17.43	2347.3	0.01	13.05*	1609.1	[0.38]
Junenol	13.82	1983.9	0.29	13.05*	1609.1	[0.38]
1-epi-Cubenol	13.98*	1998.7	[0.35]	13.21	1621.9	0.26
γ -Eudesmol	15.09*	2106.3	[0.51]	13.25	1625.6	0.14
τ -Muurolol	15.26	2122.7	0.75	13.40*	1637.4	[1.31]
Cubenol	13.93*	1994.2	[0.26]	13.40*	1637.4	[1.31]
τ -Cadinol	15.09*	2106.3	[0.51]	13.40*	1637.4	[1.31]
α -Muurolol	15.39*	2135.9	[0.28]	13.44	1641.3	0.38
Unknown cadinol analog II [m/z 95, 121 (73), 43 (57), 79 (43), 161 (43), 109 (40)... 204 (35), 222 (2)]	15.39*	2135.9	[0.28]	13.50	1645.8	0.24
α -Cadinol	15.68	2165.4	1.42	13.55	1650.0	1.40
<i>cis</i> -Calamenen-10-ol	16.68*	2267.3	[0.18]	13.59	1653.3	0.03
<i>trans</i> -Calamenen-10-ol	17.02*	2303.5	[1.79]	13.67	1660.3	0.04
Bulnesol	15.48	2145.0	0.05	13.69	1661.7	0.03
Unknown CAOD I [m/z 123, 95 (31),	16.41	2239.7	0.15	13.74	1666.1	0.18

81 (29), 105 (27)...						
222 (5)]						
(2E,6Z)-Farnesol	16.68*	2267.3	[0.18]	14.09	1694.8	0.01
(2Z,6E)-Farnesol	16.84	2284.2	0.01	14.12	1697.5	0.02
(2E,6E)-Farnesol	17.02*	2303.5	[1.79]	14.41	1721.8	1.73
(2E,6E)-Farnesol	16.02	2199.3	0.05	14.61	1739.1	0.04
Benzyl benzoate	19.08	2530.8	5.60	14.82	1757.7	5.58
Unknown CAOD VII [m/z 121, 107 (86), 81 (71), 93 (71), 59 (68), 43 (67)...]				15.27	1796.8	0.02
(2E,6E)-Farnesyl acetate	16.15*	2212.3	[1.36]	15.77	1841.1	1.34
Benzyl salicylate	20.32	2677.3	1.47	15.95	1858.1	1.46
Unknown THAR VI [m/z 91, 93 (98), 81 (92), 41 (92), 105 (86), 107 (86)...]	21.04	2766.6	0.01	16.11	1872.1	0.01
Unknown THAR VII [m/z 123, 81 (96), 41 (74), 43 (64), 91 (62), 95 (57)...]	20.93	2752.2	0.01	16.29	1889.0	0.01
Unknown CAOD VIII [m/z 123, 177 (67), 81 (66), 159 (58), 91 (57), 93 (52)...220 (8)]				16.91	1946.7	0.01
Geranyl benzoate	18.95	2516.4	0.15	17.01	1956.7	0.12
Unknown CAOD X [m/z 326, 311 (47), 327 (22), 202 (16), 137 (15)...]				22.77	2576.7	0.02
Unknown CAOD XIII [m/z 326, 327 (22), 311 (17), 137 (8), 202 (7)...]				23.74	2697.7	0.05
Unknown CAOD XII [m/z 69, 81 (44), 147 (31), 41 (26), 119 (26), 93 (24)...]				24.12	2746.8	0.01
Unknown CAOD XI [m/z 69, 81 (42), 147 (26), 119 (25), 93 (25), 41 (24)...]	23.15	3041.2	0.03	24.47	2791.3	0.03
Total reported		96.91%			98.33%	

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*: 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