

Date : 2024-06-06

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 24E24-PTH01

Customer Identification : Organic Oregano - Hungary - O50115R

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 : 2024-05-29

PHYSICOCHEMICAL DATA

Refractive index : 1.5061 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2024-05-24

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
Ethanol	0.05	Aliphatic alcohol
Isobutyral	0.03	Aliphatic aldehyde
2-Butanone	tr	Aliphatic ketone
Isobutanol	0.01	Aliphatic alcohol
Isovaleral	0.12	Aliphatic aldehyde
2-Methylbutyral	0.06	Aliphatic aldehyde
2-Ethylfuran	0.01	Furan
Isoamyl alcohol	0.03	Aliphatic alcohol
2-Methylbutanol	0.01	Aliphatic alcohol
Methyl 2-methylbutyrate	0.03	Aliphatic ester
Hexanal	0.01	Aliphatic aldehyde
Furfural	0.02	Furan
(2E)-Hexenal	0.01	Aliphatic aldehyde
(3Z)-Hexenol	0.07	Aliphatic alcohol
(2E)-Hexenol	0.01	Aliphatic alcohol
Hexanol	0.03	Aliphatic alcohol
Heptan-3-one	tr	Aliphatic ketone
Hashishene	0.01	Monoterpene
Tricyclene	0.01	Monoterpene
α -Thujene	0.88	Monoterpene
α -Pinene	0.57	Monoterpene
Unknown	0.04	Monoterpene
Camphene	0.18	Monoterpene
Thuja-2,4(10)-diene	0.01	Monoterpene
Benzaldehyde	0.01	Simple phenolic
β -Pinene	0.16	Monoterpene
Sabinene	tr	Monoterpene
Octen-3-ol	0.38	Aliphatic alcohol
Octan-3-one	0.13	Aliphatic ketone
Myrcene	1.28	Monoterpene
Octan-3-ol	0.03	Aliphatic alcohol
Pseudolimonene	0.01	Monoterpene
α -Phellandrene	0.15	Monoterpene
Δ^3 -Carene	0.07	Monoterpene
α -Terpinene	1.04	Monoterpene
<i>para</i> -Cymene	9.86	Monoterpene
Limonene	0.27	Monoterpene
1,8-Cineole	0.32	Monoterpenic ether
(Z)- β -Ocimene	0.46	Monoterpene
(E)- β -Ocimene	0.33	Monoterpene

γ -Terpinene	6.10	Monoterpene
<i>cis</i> -Sabinene hydrate	0.11	Monoterpenic alcohol
<i>cis</i> -Linalool oxide (fur.)	0.02	Monoterpenic alcohol
Octanol	0.01	Aliphatic alcohol
Isoterpinolene	0.01	Monoterpene
Terpinolene	0.17	Monoterpene
<i>trans</i> -Linalool oxide (fur.)	0.03	Monoterpenic alcohol
<i>para</i> -Cymenene	0.17	Monoterpene
<i>trans</i> -Sabinene hydrate	0.11	Monoterpenic alcohol
Linalool	0.26	Monoterpenic alcohol
Hotrienol	0.03	Monoterpenic alcohol
endo-Fenchol	0.08	Monoterpenic alcohol
<i>cis-para</i> -Menth-2-en-1-ol	tr	Monoterpenic alcohol
α -Campholenal	0.03	Monoterpenic aldehyde
<i>trans</i> -Pinocarveol	0.02	Monoterpenic alcohol
<i>trans-para</i> -Menth-2-en-1-ol	0.09	Monoterpenic alcohol
Isoborneol	0.01	Monoterpenic alcohol
Unknown	0.01	Unknown
Borneol	0.59	Monoterpenic alcohol
Umbellulone	0.02	Monoterpenic ketone
<i>trans</i> -2-Caren-4-ol?	0.01	Monoterpenic alcohol
Terpinen-4-ol	1.33	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.06	Monoterpenic alcohol
Myrtenal	0.01	Monoterpenic aldehyde
α -Terpineol	0.20	Monoterpenic alcohol
<i>cis</i> -Piperitol	0.07	Monoterpenic alcohol
<i>cis</i> -Dihydrocarvone	0.17	Monoterpenic ketone
Dihydrocarveol	0.07	Monoterpenic alcohol
Verbenone	0.05	Monoterpenic ketone
<i>trans</i> -Piperitol	0.01	Monoterpenic alcohol
<i>trans</i> -Carveol	0.01	Monoterpenic alcohol
Thymol methyl ether analog I (isothymol methyl ether?)	0.03	Monoterpenic ether
Thymol methyl ether	0.03	Monoterpenic ether
Carvone	0.01	Monoterpenic ketone
Carvotanacetone	0.02	Monoterpenic ketone
Carvacrol methyl ether	0.73	Monoterpenic ether
Carvenone	0.01	Monoterpenic ketone
Linalyl acetate	0.03	Monoterpenic ester
Geraniol	0.01	Monoterpenic alcohol
Bornyl acetate	0.05	Monoterpenic ester
Cuminol	0.06	Monoterpenic alcohol
Thymol analogue I (isothymol?)	0.05	Monoterpenic alcohol
Thymol analogue II	0.06	Monoterpenic alcohol
Thymol	1.84	Monoterpenic alcohol

Carvacrol	60.92	Monoterpenic alcohol
2-Methyl-5-(propan-2-ylidene)cyclohexane-1,4-diol ?	0.04	Monoterpenic alcohol
2-Methyl-6-propylphenol?	0.05	Miscellaneous
α -Terpinyl acetate	0.05	Monoterpenic ester
Eugenol	0.03	Phenylpropanoid
Carvacryl acetate	0.04	Monoterpenic ester
α -Copaene	0.08	Sesquiterpene
β -Bourbonene	0.15	Sesquiterpene
Unknown	0.04	Unknown
β -Elemene	0.07	Sesquiterpene
(Z)-Jasmone	0.02	Jasmonate
Isocaryophyllene	0.01	Sesquiterpene
Methyleugenol	0.06	Phenylpropanoid
<i>cis</i> - α -Bergamotene	0.08	Sesquiterpene
β -Caryophyllene	2.46	Sesquiterpene
β -Copaene	0.10	Sesquiterpene
Aromadendrene	0.10	Sesquiterpene
Unknown	0.01	Oxygenated monoterpene
α -Humulene	0.33	Sesquiterpene
<i>cis</i> -Muurolo-4(15),5-diene	0.04	Sesquiterpene
(E)- β -Farnesene	0.14	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.04	Sesquiterpene
γ -Muurolole	0.27	Sesquiterpene
allo-Aromadendr-9-ene	0.04	Sesquiterpene
Viridiflorene	0.05	Sesquiterpene
α -Selinene	0.13	Sesquiterpene
(3Z,6E)- α -Farnesene	0.02	Sesquiterpene
α -Muurolole	0.15	Sesquiterpene
β -Bisabolene	1.22	Sesquiterpene
γ -Cadinene	0.39	Sesquiterpene
β -Sesquiphellandrene	0.05	Sesquiterpene
δ -Cadinene	0.43	Sesquiterpene
<i>trans</i> -Calamenene	0.06	Sesquiterpene
(E)- γ -Bisabolene	0.05	Sesquiterpene
α -Calacorene	0.05	Sesquiterpene
(E)- α -Bisabolene	0.06	Sesquiterpene
(E)-Nerolidol	0.01	Sesquiterpenic alcohol
Spathulenol	0.08	Sesquiterpenic alcohol
Caryophyllene oxide	0.17	Sesquiterpenic ether
Caryophyllene oxide isomer	0.01	Sesquiterpenic ether
Humulene epoxide II	0.03	Sesquiterpenic ether
1,10-diepi-Cubenol	0.04	Sesquiterpenic alcohol
10-epi-Cubenol?	0.02	Sesquiterpenic alcohol
Caryophylladienol I	0.02	Sesquiterpenic alcohol

Caryophylladienol II	0.02	Sesquiterpenic alcohol
τ -Cadinol	0.05	Sesquiterpenic alcohol
τ -Muurolol	0.04	Sesquiterpenic alcohol
Unknown	0.03	Unknown
Unknown	0.02	Sesquiterpenic alcohol
α -Cadinol	0.09	Sesquiterpenic alcohol
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	0.02	Sesquiterpenic alcohol
Eudesma-4(15),7-dien-1 β -ol	0.02	Sesquiterpenic alcohol
α -Bisabolol	0.02	Sesquiterpenic alcohol
Phytone	0.02	Terpenic ketone
Unknown	0.03	Unknown
Unknown	0.01	Unknown
Unknown	0.10	Unknown
Unknown	0.01	Unknown
Unknown	0.08	Unknown
Unknown	0.01	Unknown
<i>meta</i> -Camphorene	tr	Diterpene
Unknown	0.02	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.02	Unknown
Consolidated total	98.42	

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

Note: no correction factor was applied

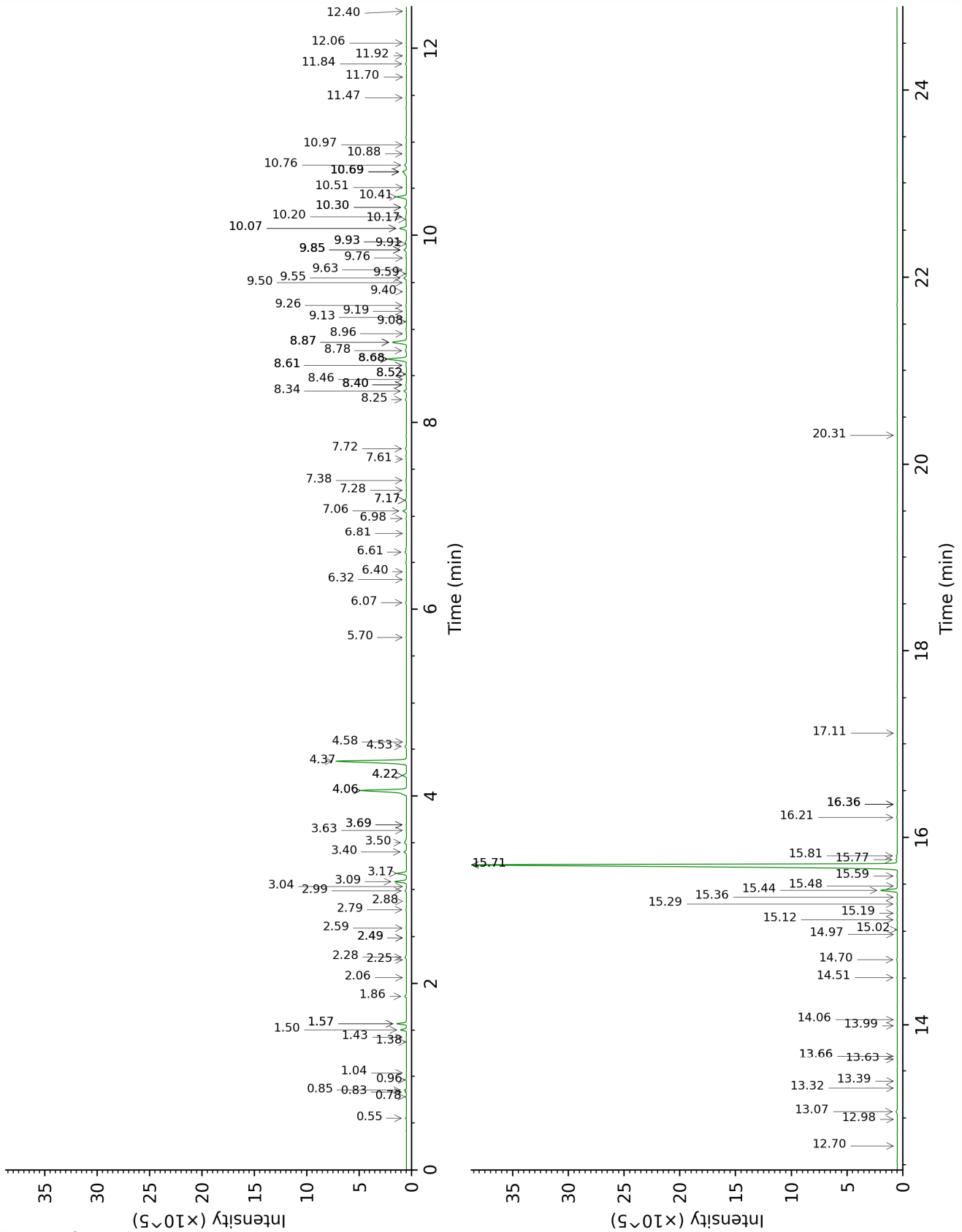
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

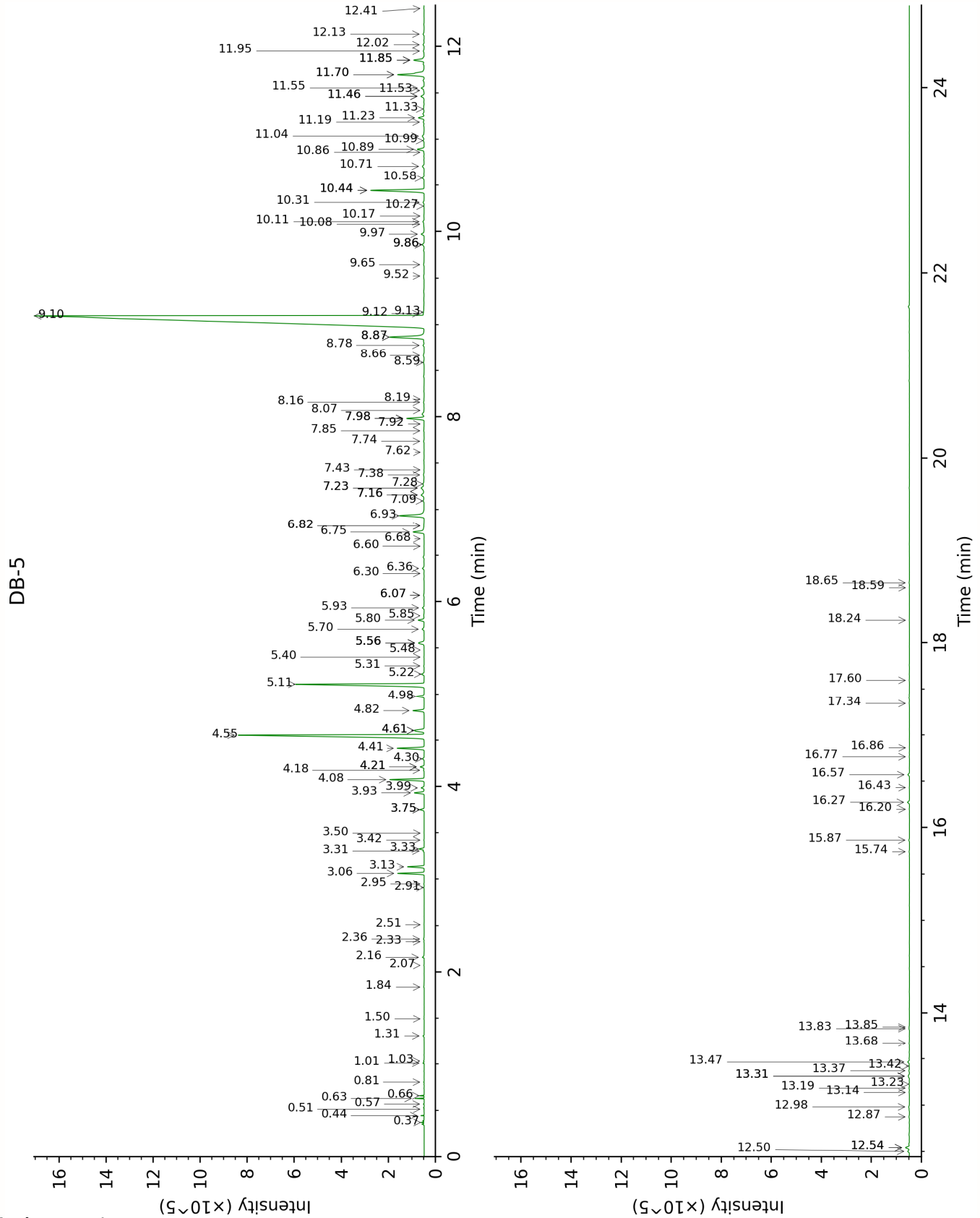
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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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DB-WAX





FULL ANALYSIS DATA

Ethanol	Column DB-WAX			Column DB-5		
	0.96	906.5	0.05	0.37	499.7	0.05
Isobutylal	0.55	773.5	0.05	0.44	536.4	0.03
2-Butanone	0.78	862.1	0.05	0.51	595.3	tr
Isobutanol	2.25	1063.2	0.01	0.57	620.1	0.01
Isovaleral	0.85	886.8	0.12	0.63	640.9	0.12
2-Methylbutylal	0.83	879.6	0.06	0.66	651.3	0.06
2-Ethylfuran	1.04	918.2	0.01	0.81	702.2	0.01
Isoamyl alcohol	3.69*	1178.4	[0.05]	1.01	732.3	0.03
2-Methylbutanol	3.69*	1178.4	[0.05]	1.03	735.5	0.01
Methyl 2-methylbutyrate	1.43	978.6	0.02	1.31	774.6	0.03
Hexanal	2.06	1045.2	0.01	1.50	800.5	0.01
Furfural	6.98	1415.2	0.04	1.84	830.5	0.02
(2E)-Hexenal	3.63	1173.9	0.03	2.07	850.0	0.01
(3Z)-Hexenol	6.07	1349.7	0.09	2.16	857.2	0.07
(2E)-Hexenol	6.40	1373.4	0.02	2.33	871.2	0.01
Hexanol	5.70	1323.1	0.04	2.36	873.6	0.03
Heptan-3-one	2.88	1116.9	0.01	2.51	886.4	tr
Hashishene	1.57*	998.0	[0.88]	2.91	916.6	0.01
Tricyclene	1.38	970.9	0.01	2.95	919.1	0.01
α -Thujene	1.57*	998.0	[0.88]	3.06	926.7	0.88
α -Pinene	1.50	990.8	0.57	3.14	931.4	0.57
Unknown SAOF I [m/z 91, 92 (47), 65 (11)... 134 (1)]	2.59	1095.1	0.04	3.30*†	942.6	[0.04]
Camphene	1.86	1026.1	0.18	3.33*†	944.1	[0.19]
Thuja-2,4(10)-diene	2.49*	1085.7	[0.02]	3.42	950.4	0.01
Benzaldehyde	7.61	1462.0	0.04	3.50	955.4	0.01
β -Pinene	2.28	1066.1	0.16	3.75*	972.1	[0.16]
Sabinene	2.49*	1085.7	[0.02]	3.75*	972.1	[0.16]
Octen-3-ol	7.06	1421.2	0.40	3.93	984.2	0.38
Octan-3-one	4.22*	1216.2	[0.45]	3.99	987.7	0.13
Myrcene	3.09	1132.8	1.28	4.08	993.6	1.28
Octan-3-ol	6.32	1367.4	0.03	4.18	1000.3	0.03
Pseudolimonene	3.04	1128.8	0.01	4.21*	1002.7	[0.16]
α -Phellandrene	2.99	1125.3	0.15	4.21*	1002.7	[0.16]
Δ^3 -Carene	2.79	1110.0	0.07	4.30	1008.2	0.07
α -Terpinene	3.18	1139.4	1.05	4.41	1015.3	1.04
<i>para</i> -Cymene	4.37	1226.9	9.85	4.55	1024.2	9.86
Limonene	3.40	1156.7	0.27	4.60*	1027.4	[0.59]
1,8-Cineole	3.50	1164.1	0.32	4.60*	1027.4	[0.59]
(Z)- β -Ocimene	4.06*	1205.0	[6.53]	4.82	1040.8	0.46
(E)- β -Ocimene	4.22*	1216.2	[0.45]	4.98	1050.7	0.33

γ -Terpinene	4.06*	1205.0	[6.53]	5.11	1059.1	6.10
<i>cis</i> -Sabinene hydrate	7.17*	1429.6	[0.15]	5.22	1065.9	0.11
<i>cis</i> -Linalool oxide (fur.)	6.81	1402.9	0.02	5.31	1071.5	0.02
Octanol	8.46	1526.3	0.02	5.40	1077.5	0.01
Isoterpinolene	4.58	1241.2	0.01	5.48	1082.3	0.01
Terpinolene	4.53	1237.9	0.17	5.56*	1087.1	[0.34]
<i>trans</i> -Linalool oxide (fur.)	7.17*	1429.6	[0.15]	5.56*	1087.1	[0.34]
<i>para</i> -Cymenene	6.61	1388.3	0.17	5.56*	1087.1	[0.34]
<i>trans</i> -Sabinene hydrate	8.25	1509.7	0.12	5.70	1096.4	0.11
Linalool	8.34	1516.6	0.26	5.80	1102.5	0.26
Hotrienol	9.08	1574.2	0.01	5.85	1105.5	0.03
endo-Fenchol	8.61*	1537.8	[0.10]	5.93	1110.9	0.08
<i>cis-para</i> -Menth-2-en-1-ol	8.40*	1521.8	[0.11]	6.07*	1119.6	[0.04]
α -Campholenal	7.28	1437.5	0.03	6.07*	1119.6	[0.04]
<i>trans</i> -Pinocarveol	9.40	1599.1	0.01	6.30	1134.6	0.02
<i>trans-para</i> -Menth-2-en-1-ol	9.26	1587.4	0.10	6.36	1138.1	0.09
Isoborneol	9.64	1617.7	0.05	6.60	1153.4	0.01
Unknown RHGR XVIII [m/z 123, 81 (46), 43 (45), 95 (34), 166 (30)]	9.19	1582.6	0.01	6.68	1158.6	0.01
Borneol	10.08*	1653.1	[0.87]	6.75	1163.3	0.59
Umbellulone	9.13	1577.6	0.02	6.82*	1167.6	[0.03]
<i>trans</i> -2-Caren-4-ol?				6.82*	1167.6	[0.03]
Terpinen-4-ol	8.86*	1557.3	[2.00]	6.93	1174.9	1.33
<i>para</i> -Cymen-8-ol	11.84	1799.7	0.11	7.09	1185.1	0.06
Myrtenal	8.96	1564.3	0.01	7.16*	1189.2	[0.21]
α -Terpineol	10.08*	1653.1	[0.87]	7.16*	1189.2	[0.21]
<i>cis</i> -Piperitol	9.85*	1634.7	[0.34]	7.23*	1194.0	[0.24]
<i>cis</i> -Dihydrocarvone	8.78	1550.5	0.17	7.23*	1194.0	[0.24]
Dihydrocarveol	10.68*	1702.6	[0.69]	7.28	1196.9	0.07
Verbenone	9.91	1639.9	0.04	7.38	1203.1	0.05
<i>trans</i> -Piperitol	10.68*	1702.6	[0.69]	7.43	1206.6	0.01
<i>trans</i> -Carveol	11.70	1787.3	0.01	7.62	1219.4	0.01
Thymol methyl ether analog I (isothymol methyl ether?)	8.68*	1542.9	[2.59]	7.74	1227.3	0.03
Thymol methyl ether	8.68*	1542.9	[2.59]	7.85	1234.9	0.03
Carvone	10.30*	1671.0	[0.26]	7.92	1239.8	0.01
Carvotanacetone	9.76	1627.8	0.02	7.98*	1243.8	[0.75]

Carvacrol methyl ether	8.86*	1557.3	[2.00]	7.98*	1243.8	[0.75]
Carvenone	10.17	1660.8	0.09	8.07	1249.6	0.01
Linalyl acetate	8.40*	1521.8	[0.11]	8.16	1255.5	0.03
Geraniol	11.92	1807.2	0.01	8.19	1257.7	0.01
Bornyl acetate	8.52*	1530.6	[0.06]	8.59	1284.2	0.05
Cuminol	14.51	2041.6	0.05	8.66	1289.4	0.06
Thymol analogue I (isothymol?)	15.29	2117.3	0.06	8.78	1297.0	0.05
Thymol analogue II	15.59	2146.7	0.06	8.87*	1303.0	[1.93]
Thymol	15.44	2131.7	1.84	8.87*	1303.0	[1.93]
Carvacrol	15.71*	2158.3	[60.62]	9.10	1319.0	60.92
2-Methyl-5-(propan-2-ylidene)cyclohexane-1,4-diol ?	14.97	2085.4	0.02	9.12	1320.7	0.04
2-Methyl-6-propylphenol?				9.14	1321.8	0.05
α -Terpinyl acetate	9.93*	1641.6	[0.12]	9.52	1349.2	0.05
Eugenol	15.12	2100.8	0.05	9.65	1357.9	0.03
Carvacryl acetate	12.06	1819.1	0.04	9.86*	1373.0	[0.11]
α -Copaene	7.38	1445.2	0.08	9.86*	1373.0	[0.11]
β -Bourbonene	7.72	1470.3	0.14	9.97	1380.9	0.15
Unknown THAR I [m/z 159, 43 (84), 91 (67), 105 (64), 119 (57), 107 (45)...]	13.39	1938.1	0.01	10.08	1388.5	0.04
β -Elemene	8.68*	1542.9	[2.59]	10.11	1390.4	0.07
(Z)-Jasmone	12.70	1875.3	0.01	10.17	1394.7	0.02
Isocaryophyllene	8.40*	1521.8	[0.11]	10.27	1402.2	0.01
Methyleugenol	13.66*	1962.7	[0.03]	10.31	1405.1	0.06
<i>cis</i> - α -Bergamotene	8.52*	1530.6	[0.06]	10.44*	1414.7	[2.54]
β -Caryophyllene	8.68*	1542.9	[2.59]	10.44*	1414.7	[2.54]
β -Copaene	8.61*	1537.8	[0.10]	10.58	1424.7	0.10
Aromadendrene	8.86*	1557.3	[2.00]	10.71	1434.5	0.10
Unknown THVU I [m/z 151, 166 (40), 105 (26)...]				10.86	1445.8	0.01
α -Humulene	9.55	1610.7	0.32	10.89	1448.2	0.33
<i>cis</i> -Muurolo-4(15),5-diene	9.59	1614.4	0.03	10.99	1455.2	0.04
(E)- β -Farnesene	9.85*	1634.7	[0.34]	11.04	1458.8	0.14
<i>trans</i> -Cadina-1(6),4-diene	9.50	1606.7	0.05	11.19	1470.1	0.04
γ -Muurolole	9.85*	1634.7	[0.34]	11.23	1473.5	0.27

allo-Aromadendr-9-ene	9.85*	1634.7	[0.34]	11.33	1480.6	0.04
Viridiflorene	9.93*	1641.6	[0.12]	11.46*	1490.8	[0.18]
α -Selinene	10.20	1663.0	0.13	11.46*	1490.8	[0.18]
(3Z,6E)- α -Farnesene	10.51	1688.0	0.02	11.53	1495.5	0.02
α -Muurolene	10.30*	1671.0	[0.26]	11.55	1497.4	0.15
β -Bisabolene	10.41	1680.0	1.22	11.70*	1508.4	[1.61]
γ -Cadinene	10.68*	1702.6	[0.69]	11.70*	1508.4	[1.61]
β -Sesquiphellandrene	10.88	1718.8	0.05	11.85*	1520.7	[0.54]
δ -Cadinene	10.68*	1702.6	[0.69]	11.85*	1520.7	[0.54]
<i>trans</i> -Calamenene	11.47	1768.8	0.06	11.85*	1520.7	[0.54]
(E)- γ -Bisabolene	10.76	1708.5	0.24	11.95	1528.4	0.05
α -Calacorene	12.40	1849.1	0.02	12.02	1533.7	0.05
(E)- α -Bisabolene	10.97	1726.7	0.05	12.13	1542.7	0.06
(E)-Nerolidol	14.06	1999.0	0.03	12.41	1564.7	0.01
Spathulenol	14.70	2059.7	0.10	12.50	1571.6	0.08
Caryophyllene oxide	13.07	1908.3	0.17	12.54*	1574.7	[0.18]
Caryophyllene oxide isomer	12.98	1900.8	0.01	12.54*	1574.7	[0.18]
Humulene epoxide II	13.66*	1962.7	[0.03]	12.87	1600.8	0.03
1,10-diepi-Cubenol	13.99	1992.9	0.04	12.98	1609.6	0.04
10-epi-Cubenol?	13.63	1959.2	0.01	13.14	1622.4	0.02
Caryophylladienol I	16.36*	2223.4	[0.04]	13.18	1626.4	0.02
Caryophylladienol II	16.36*	2223.4	[0.04]	13.23	1629.9	0.02
τ -Cadinol	15.19	2107.6	0.05	13.31*	1637.0	[0.08]
τ -Muurolol	15.36	2124.4	0.04	13.31*	1637.0	[0.08]
Unknown LYUN IV [m/z 123, 43 (86), 81 (75), 95 (73), 82 (68), 161 (64), 105 (63)... 220 (6)]	13.32	1931.2	0.03	13.37	1641.9	0.03
Unknown cadinol analog II [m/z 95, 121 (73), 43 (57), 79 (43), 161 (43), 109 (40)... 204 (35), 222 (2)]	15.48	2136.2	0.01	13.42	1646.0	0.02
α -Cadinol	15.81	2167.8	0.10	13.47	1649.7	0.09
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	17.11	2301.7	0.02	13.68	1667.0	0.02
Eudesma-4(15),7-dien-1 β -ol	16.36*	2223.4	[0.04]	13.83	1680.0	0.02
α -Bisabolol	15.76	2163.8	0.14	13.85	1681.4	0.02
Phytone	15.02	2090.4	0.01	15.74	1846.3	0.02
Unknown ORVU II				15.87	1857.6	0.03

[m/z 81, 150 (90), 136 (88), 135 (74), 93 (54), 121 (41)...]						
Unknown ORVU XII [m/z 133, 150 (34), 105 (22), 135 (16), 134 (12)...]				16.20	1887.9	0.01
Unknown ORVU III [m/z 81, 150 (83), 136 (81), 135 (67), 93 (48), 121 (36)...]				16.27	1894.8	0.10
Unknown ORVU XIV [m/z 93, 149 (98), 150 (85), 135 (55), 43 (29)...]				16.43	1909.4	0.01
Unknown ORVU X [m/z 136, 81 (81), 150 (74), 135 (52), 93 (46), 121 (42)...]	16.22	2209.1	0.08	16.57	1922.6	0.08
Unknown ORVU XV [m/z 81, 136 (71), 150 (57), 93 (47), 135 (42)...]				16.76	1941.0	0.01
<i>meta</i> -Camphorene	15.71*	2158.3	[60.62]	16.86	1950.2	tr
Unknown MOFI III [m/z 99, 43 (43), 69 (37), 71 (37), 41 (28)...]				17.34	1995.8	0.02
Unknown ORVU VI [m/z 135, 150 (66), 43 (38), 109 (27), 93 (25), 137 (20)...]				17.60	2020.7	0.01
Unknown ORVU XVIII [m/z 135, 150 (71), 43 (55), 93 (36), 109 (36), 91 (28)...]				18.24	2085.2	0.01
Unknown MOFI V [m/z 69, 41 (81), 91 (37), 166 (35), 105 (33), 43 (30)...]	20.31	2657.0	0.01	18.60	2120.8	0.01
Unknown MOFI VI [m/z 69, 41 (74), 166 (36), 91 (32), 105 (28), 43 (25)...]				18.65	2126.3	0.02
Total reported		97.82%			98.41%	

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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