

Date : 2025-04-22

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 25D11-PTH03

Customer Identification : Frankincense Carterii - Somalia - F30115R

Type : Essential Oil

Source : *Boswellia carteri*

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 : 2025-04-15

PHYSICOCHEMICAL DATA

Refractive index : 1.4706 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2025-04-11

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
(E)-2-Methyl-1,3-pentadiene	tr	Alkene
3-Methyl-2-butanone	tr	Aliphatic ketone
Unknown	0.01	Unknown
Toluene	0.13	Simple phenolic
Unknown	0.04	Alkene
Unknown	0.03	Unknown
Hashishene	0.81	Monoterpene
Tricyclene	0.09	Monoterpene
α -Thujene	0.58	Monoterpene
α -Pinene	65.26	Monoterpene
α -Fenchene	0.04	Monoterpene
Camphene	1.44	Monoterpene
Unknown	0.03	Monoterpene
Thuja-2,4(10)-diene	0.74	Monoterpene
3,7,7-Trimethylcyclohepta-1,3,5-triene	0.14	Monoterpene
Sabinene	2.53	Monoterpene
β -Pinene	3.44	Monoterpene
Pseudolimonene isomer	0.03	Monoterpene
Dehydro-1,8-cineole	0.10	Monoterpenic ether
Myrcene	1.73	Monoterpene
6-Methyl-5-hepten-2-ol	0.02	Aliphatic alcohol
α -Phellandrene	0.35	Monoterpene
Pseudolimonene	0.03	Monoterpene
Δ^3 -Carene	1.40	Monoterpene
<i>ortho</i> -Methylanisole	0.05	Simple phenolic
α -Terpinene	0.12	Monoterpene
<i>para</i> -Cymene	1.94	Monoterpene
1,8-Cineole	0.09	Monoterpenic ether
Limonene	4.99	Monoterpene
β -Phellandrene	0.41	Monoterpene
<i>ortho</i> -Cymene	0.06	Monoterpene
(Z)- β -Ocimene	0.28	Monoterpene
Unknown	0.01	Unknown
(E)- β -Ocimene	0.13	Monoterpene
γ -Terpinene	0.22	Monoterpene
<i>cis</i> -Sabinene hydrate	0.02	Monoterpenic alcohol
Unknown	0.03	Oxygenated monoterpene
Octanol	0.23	Aliphatic alcohol
Unknown	0.07	Oxygenated monoterpene

Isoterpinolene	0.02	Monoterpene
<i>para</i> -Cymenene	0.18	Monoterpene
Terpinolene	0.09	Monoterpene
α -Pinene oxide	0.10	Monoterpenic ether
6,7-Epoxymyrcene	0.02	Monoterpenic ether
<i>trans</i> -Sabinene hydrate	0.02	Monoterpenic alcohol
Perillene	0.02	Monoterpenic ether
α -Thujone	0.01	Monoterpenic ketone
Verbenol analog?	0.19	Monoterpenic alcohol
Linalool	0.13	Monoterpenic alcohol
Unknown	0.02	Monoterpenic alcohol
β -Thujone	0.08	Monoterpenic ketone
Octen-3-yl acetate	0.03	Aliphatic ester
<i>trans-para</i> -Mentha-2,8-dien-1-ol	0.05	Monoterpenic alcohol
α -Campholenal	0.28	Monoterpenic aldehyde
Myrcenol	0.02	Monoterpenic alcohol
<i>cis</i> -Limonene oxide	0.04	Monoterpenic ether
allo-Ocimene	0.07	Monoterpene
<i>trans</i> -Limonene oxide	0.02	Monoterpenic ether
<i>trans</i> -Pinocarveol	0.80	Monoterpenic alcohol
<i>cis-para</i> -Mentha-2,8-dien-1-ol	0.04	Monoterpenic alcohol
<i>trans</i> -Sabinol	0.16	Monoterpenic alcohol
<i>trans</i> -Verbenol	0.53	Monoterpenic alcohol
<i>meta</i> -Mentha-4,6-dien-8-ol	0.24	Monoterpenic alcohol
Sabinaketone	0.04	Normonoterpenic ketone
Pinocamphone	0.10	Monoterpenic ketone
Pinocarvone	0.04	Monoterpenic ketone
Borneol	0.11	Monoterpenic alcohol
α -Phellandren-8-ol	0.38	Monoterpenic alcohol
Umbellulone	0.02	Monoterpenic ketone
Terpinen-4-ol	0.58	Monoterpenic alcohol
Thuj-3-en-10-al	0.04	Monoterpenic aldehyde
Cryptone	0.04	Normonoterpenic ketone
<i>para</i> -Cymen-8-ol	0.26	Monoterpenic alcohol
α -Terpineol	0.30	Monoterpenic alcohol
Myrtenal	0.26	Monoterpenic aldehyde
Myrtenol	0.21	Monoterpenic alcohol
<i>cis</i> - α -Phellandrene epoxide (iPr vs Me)	0.02	Monoterpenic ether
Verbenone	0.66	Monoterpenic ketone
<i>trans</i> -Piperitol	0.01	Monoterpenic alcohol
Octyl acetate	1.26	Aliphatic ester
<i>trans</i> -Carveol	0.22	Monoterpenic alcohol
<i>exo</i> -2-Hydroxycineole	0.02	Monoterpenic alcohol
<i>cis</i> -Carveol	0.04	Monoterpenic alcohol
Cuminal	0.02	Monoterpenic aldehyde

Methyl decyl ether	0.03	Aliphatic ether
Carvone	0.08	Monoterpenic ketone
Carvotanacetone	0.02	Monoterpenic ketone
Unknown	0.02	Unknown
Piperitone	0.04	Monoterpenic ketone
3,5-Dimethoxytoluene	0.06	Simple phenolic
Unknown	0.05	Oxygenated monoterpene
Bornyl acetate	0.38	Monoterpenic ester
<i>para</i> -Cymen-7-ol	0.02	Monoterpenic alcohol
Thymol	0.02	Monoterpenic alcohol
Carvacrol	0.01	Monoterpenic alcohol
Myrtenyl acetate	0.01	Monoterpenic ester
Bicycloelemene	0.03	Sesquiterpene
Unknown	0.02	Unknown
α -Terpinyl acetate	0.05	Monoterpenic ester
α -Ylangene	0.02	Sesquiterpene
α -Copaene	0.09	Sesquiterpene
β -Bourbonene	0.24	Sesquiterpene
β -Cubebene	0.02	Sesquiterpene
Geranyl acetate	0.06	Monoterpenic ester
β -Elemene	0.29	Sesquiterpene
Isocaryophyllene	0.02	Sesquiterpene
β -Caryophyllene	0.21	Sesquiterpene
β -Ylangene	0.05	Sesquiterpene
β -Copaene	0.02	Sesquiterpene
<i>trans</i> - α -Bergamotene	0.04	Sesquiterpene
6,9-Guaiadiene	0.13	Sesquiterpene
<i>trans</i> -Muuro-la-3,5-diene	0.04	Sesquiterpene
α -Humulene	0.08	Sesquiterpene
allo-Aromadendrene	0.04	Sesquiterpene
<i>cis</i> -Muuro-la-4(15),5-diene	0.02	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.02	Sesquiterpene
γ -Muuro-lene	0.05	Sesquiterpene
Germacrene D	0.02	Sesquiterpene
<i>trans</i> -Muuro-la-4(15),5-diene	[0.18]	Sesquiterpene
β -Selinene	[0.18]	Sesquiterpene
Bicyclogermacrene	0.02	Sesquiterpene
α -Selinene	0.06	Sesquiterpene
epi-Cubebol	0.02	Sesquiterpenic alcohol
α -Muuro-lene	0.06	Sesquiterpene
Cubebol	0.03	Sesquiterpenic alcohol
γ -Cadinene	0.05	Sesquiterpene
Zonarene	tr	Sesquiterpene
<i>trans</i> -Calamenene	0.02	Sesquiterpene
δ -Cadinene	0.12	Sesquiterpene

α -Calacorene	0.02	Sesquiterpene
Germacrene B	0.02	Sesquiterpene
Unknown	0.02	Oxygenated sesquiterpene
Caryophyllene oxide isomer	0.02	Sesquiterpenic ether
Caryophyllene oxide	0.14	Sesquiterpenic ether
Viridiflorol	0.31	Sesquiterpenic alcohol
Humulene epoxide II	0.06	Sesquiterpenic ether
4,10-diepi-Guaiol	0.02	Sesquiterpenic alcohol
1,10-diepi-Cubenol	0.01	Sesquiterpenic alcohol
τ -Muurolol	0.01	Sesquiterpenic alcohol
τ -Cadinol	0.06	Sesquiterpenic alcohol
β -Eudesmol	0.03	Sesquiterpenic alcohol
α -Cadinol	0.02	Sesquiterpenic alcohol
α -Phellandrene dimer II	0.04	Diterpene
α -Phellandrene dimer III	0.02	Diterpene
(3E)-Cembrene A	0.04	Diterpene
<i>para</i> -Camphorene	0.02	Diterpene
Cembrene C	0.02	Diterpene
Verticilla-4(20),7,11-triene	0.03	Diterpene
Cembrenol	0.02	Diterpenic alcohol
Incensole	0.02	Diterpenic alcohol
Serratol	0.10	Diterpenic alcohol
Consolidated total	99.25	

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

Note: no correction factor was applied

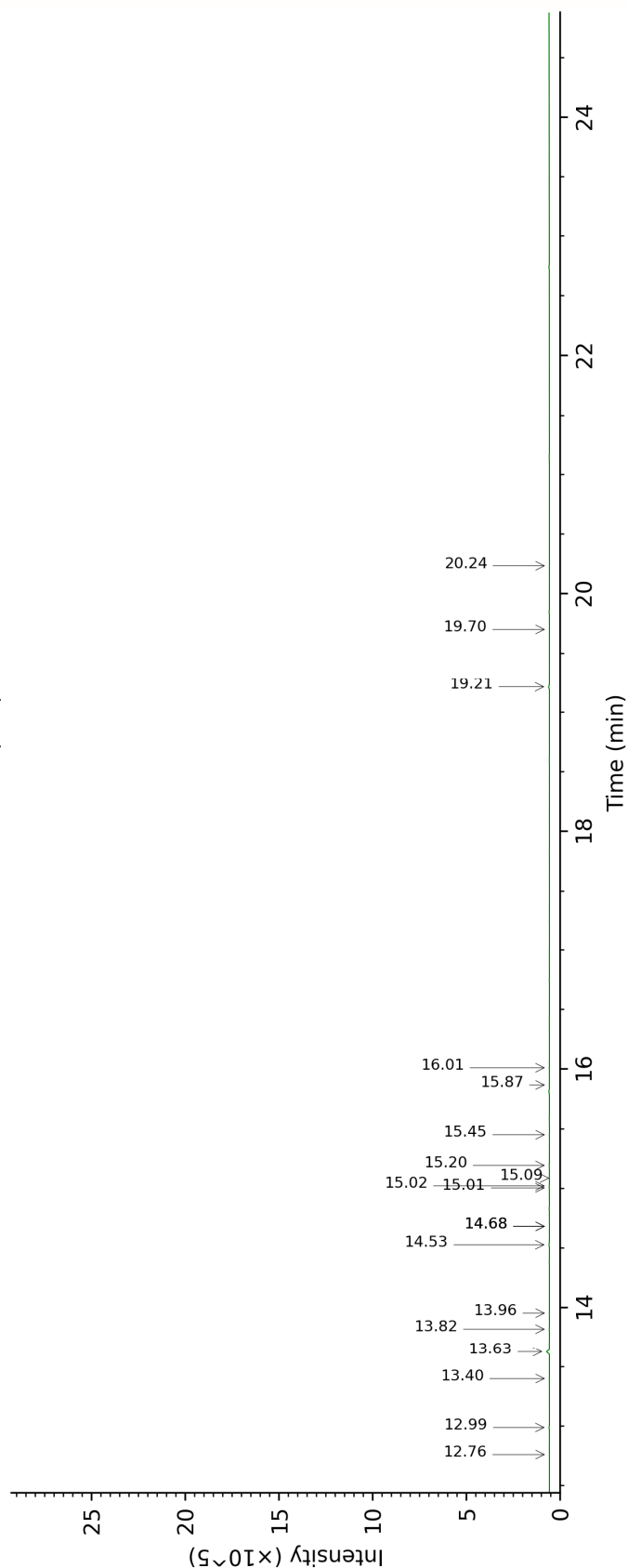
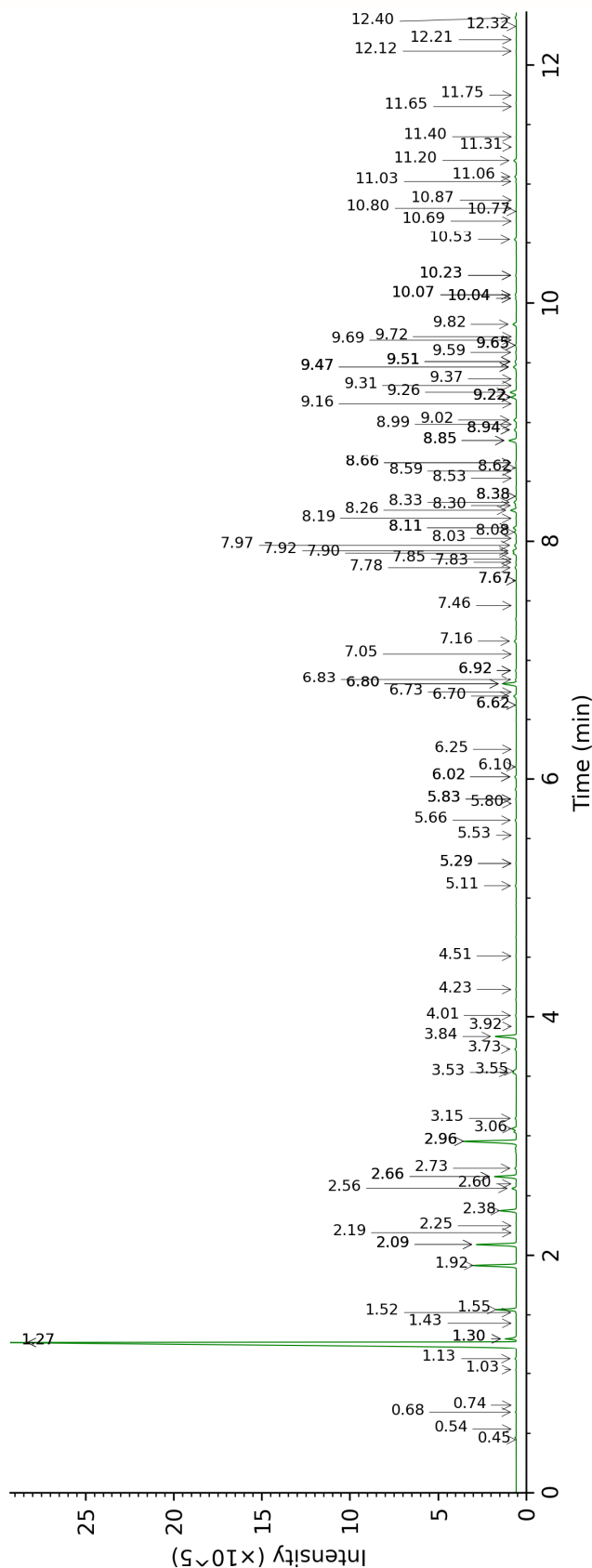
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

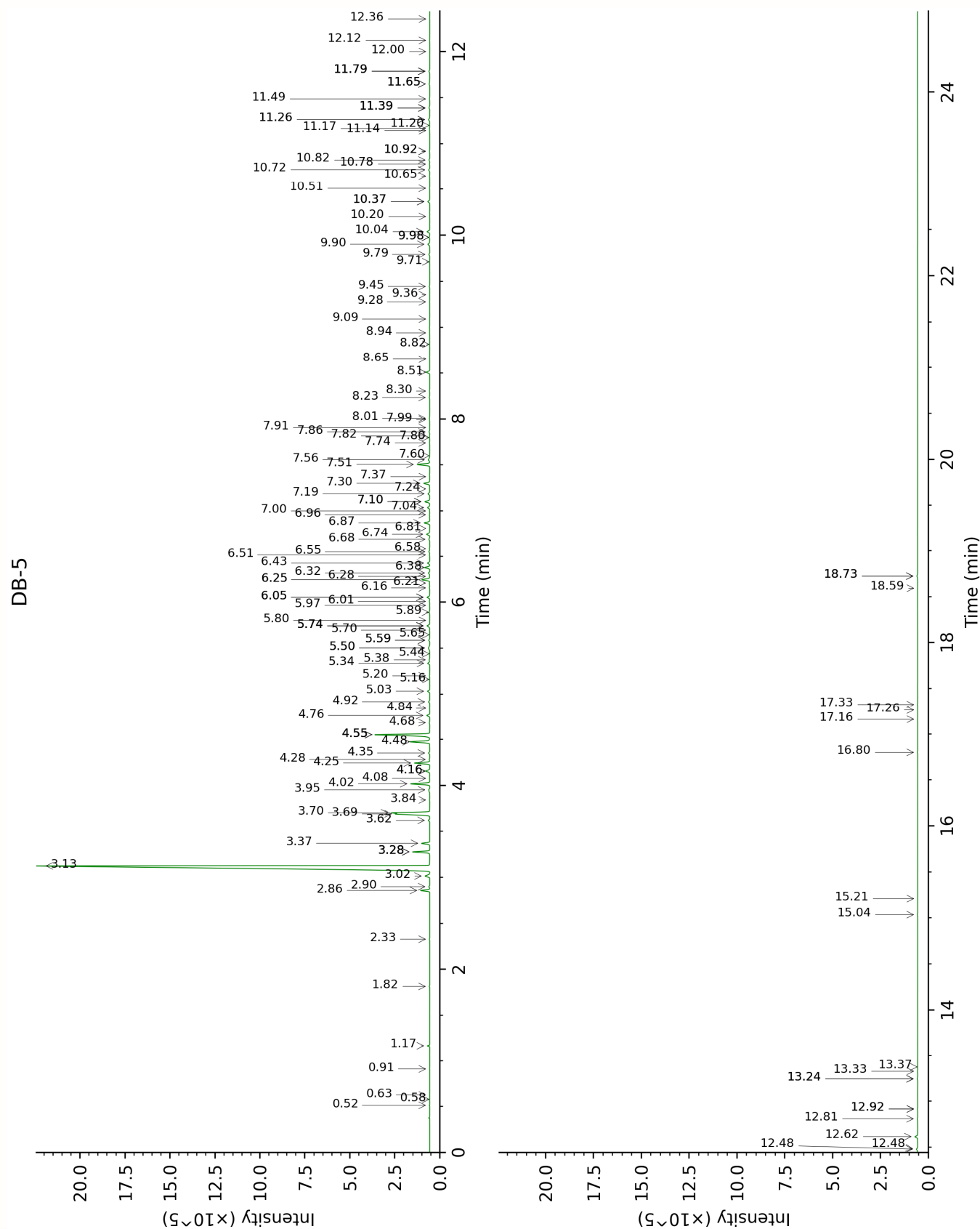
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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

2-Methyl-3-buten-2-ol	Column DB-WAX			Column DB-5		
	1.43	1010.4	0.01	0.52	600.8	0.01
(E)-2-Methyl-1,3-pentadiene	0.45	752.9	tr	0.58	624.1	tr
3-Methyl-2-butanone	0.74	895.1	0.01	0.63	641.1	tr
Unknown BODA I [m/z 93, 91 (70), 77 (48), 108 (42)]	0.54	814.1	0.01	0.91	717.9	0.01
Toluene	1.30*†	996.7	[0.72]	1.17	755.2	0.13
Unknown BOCA I [m/z 109, 67 (32), 81 (14), 41 (12), 124 (10)]	0.68	872.3	0.04	1.82	829.1	0.04
Unknown BOCA II [m/z 79, 78 (45), 91 (28), 77 (28), 41 (13), 80 (12), 107 (11)... 122 (1)]	1.04	949.3	0.03	2.33	872.5	0.03
Hashishene	1.27*†	992.1	[65.32]	2.86	914.2	0.81
Tricyclene	1.13	966.1	0.09	2.90	916.9	0.09
α-Thujene	1.30*†	996.7	[0.72]	3.02	924.7	0.58
α-Pinene	1.27*†	992.1	[65.32]	3.13	932.0	65.26
α-Fenchene	1.52	1019.8	0.04	3.28*	942.3	[1.50]
Camphene	1.55	1022.5	1.44	3.28*	942.3	[1.50]
Unknown SAOF I [m/z 91, 92 (47), 65 (11)... 134 (1)]	2.19	1090.1	0.03	3.28*	942.3	[1.50]
Thuja-2,4(10)-diene	2.09*	1079.8	[3.17]	3.37	948.5	0.74
3,7,7-Trimethylcyclohepta-1,3,5-triene	2.66*	1129.6	[1.83]	3.62	965.2	0.14
Sabinene	2.09*	1079.8	[3.17]	3.69*†	970.0	[3.11]
β-Pinene	1.92	1061.3	3.44	3.70*†	970.7	[2.86]
Pseudolimonene isomer	2.25	1096.2	0.02	3.84	980.1	0.03
Dehydro-1,8-cineole	2.96*	1153.5	[4.84]	3.95	987.4	0.10
Myrcene	2.66*	1129.6	[1.83]	4.02	991.9	1.73
6-Methyl-5-hepten-2-ol	6.62*	1427.8	[0.05]	4.08	995.8	0.02
α-Phellandrene	2.56	1121.6	0.35	4.16*	1001.1	[0.48]
Pseudolimonene	2.60	1124.6	0.03	4.16*	1001.1	[0.48]
Δ3-Carene	2.38	1106.5	1.31	4.24	1006.7	1.40
ortho-Methylanisole	5.66	1356.1	0.11	4.28	1009.2	0.05

α -Terpinene	2.73	1135.2	0.12	4.35	1013.6	0.12
<i>para</i> -Cymene	3.84	1222.0	1.91	4.48	1021.4	1.94
1,8-Cineole	3.15	1168.9	0.09	4.55*	1026.2	[5.48]
Limonene	2.96*	1153.5	[4.84]	4.55*	1026.2	[5.48]
β -Phellandrene	3.06	1162.0	0.41	4.55*	1026.2	[5.48]
<i>ortho</i> -Cymene	4.23	1251.0	0.04	4.68	1034.5	0.06
(Z)- β -Ocimene	3.53	1199.8	0.32	4.76	1039.5	0.28
Unknown BOFR III [m/z 109, 43 (57), 91 (28), 67 (25), 93 (24), 95 (22), 77 (21), 137 (21), 41 (17), 79 (14)...	7.06	1460.6	0.02	4.84	1044.6	0.01
(E)- β -Ocimene	3.73	1214.2	0.13	4.92	1049.3	0.13
γ -Terpinene	3.55	1200.6	0.19	5.03	1056.6	0.22
<i>cis</i> -Sabinene hydrate	6.62*	1427.8	[0.05]	5.16	1064.7	0.02
Unknown PIMA I [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)]	4.51	1271.6	0.04	5.20	1067.2	0.03
Octanol	7.90	1525.7	0.29	5.34	1075.8	0.23
Unknown BODA VI [m/z 43, 94 (63), 109 (61), 59 (55), 79 (51)...152 (2)]	6.92*	1450.3	[0.09]	5.38	1078.2	0.07
Isoterpinolene	3.92	1228.2	0.02	5.44	1082.3	0.02
<i>para</i> -Cymenene	6.02*	1382.8	[0.14]	5.50*	1086.3	[0.26]
Terpinolene	4.01	1234.9	0.09	5.50*	1086.3	[0.26]
α -Pinene oxide	5.11	1315.7	0.10	5.59*	1091.6	[0.12]
6,7-Epoxymyrcene	5.80	1366.4	0.02	5.59*	1091.6	[0.12]
<i>trans</i> -Sabinene hydrate	7.67*	1507.6	[0.05]	5.65	1095.4	0.02
Perillene	5.83*	1369.1	[0.06]	5.70	1098.6	0.02
α -Thujone	5.83*	1369.1	[0.06]	5.74*	1101.5	[0.33]
Verbenol analog?	7.97	1530.9	0.19	5.74*	1101.5	[0.33]
Linalool	7.78	1516.1	0.13	5.74*	1101.5	[0.33]
Unknown ORMA I [m/z 119, 109 (94), 43 (61), 95 (56), 91 (48), 77 (32), 152 (32), 137 (31), 134 (24)]	8.19	1548.7	0.04	5.80	1105.3	0.02
β -Thujone	6.02*	1382.8	[0.14]	5.89	1110.9	0.08
Octen-3-yl acetate	5.53	1346.8	0.02	5.97	1115.8	0.03
<i>trans-para</i> -Mentha-	8.66*	1585.4	[0.10]	6.01	1118.6	0.05

2,8-dien-1-ol						
α -Campholenal	6.70	1433.5	0.28	6.06*	1121.4	[0.31]
Myrcenol	8.53	1575.2	0.02	6.06*	1121.4	[0.31]
cis-Limonene oxide	6.10	1389.0	0.05	6.16	1128.0	0.04
allo-Ocimene	5.29*	1329.4	[0.04]	6.21	1131.3	0.07
trans-Limonene oxide	6.25	1399.8	0.02	6.25*	1133.8	[0.82]
trans-Pinocarveol	8.85*	1600.7	[0.81]	6.25*	1133.8	[0.82]
cis-para-Mentha-2,8-dien-1-ol	9.22*	1630.5	[0.54]	6.28	1136.0	0.04
trans-Sabinol	9.51*	1654.9	[0.15]	6.32	1138.4	0.16
trans-Verbenol	9.22*	1630.5	[0.54]	6.38	1142.2	0.53
meta-Mentha-4,6-dien-8-ol	9.02	1614.8	0.26	6.43	1145.3	0.24
Sabinaketone	8.38*	1563.3	[0.04]	6.52	1151.0	0.04
Pinocamphone	6.92*	1450.3	[0.09]	6.55	1153.3	0.10
Pinocarvone	7.67*	1507.6	[0.05]	6.58	1155.3	0.04
Borneol	9.47*	1651.2	[0.37]	6.68	1161.9	0.11
α -Phellandren-8-ol	9.82	1680.5	0.35	6.74	1165.4	0.38
Umbellulone	8.59*†	1579.9	[0.03]	6.81	1170.0	0.02
Terpinen-4-ol	8.26	1554.1	0.57	6.87	1173.9	0.58
Thuj-3-en-10-al	8.38*	1563.3	[0.04]	6.96	1179.6	0.04
Cryptone	8.85*	1600.7	[0.81]	7.00	1182.2	0.04
para-Cymen-8-ol	11.20	1797.9	0.26	7.04	1184.5	0.26
α -Terpineol	9.47*	1651.2	[0.37]	7.10*	1188.7	[0.56]
Myrtenal	8.33	1559.3	0.26	7.10*	1188.7	[0.56]
Myrtenol	10.53	1740.6	0.21	7.19	1194.2	0.21
cis- α -Phellandrene epoxide (iPr vs Me)	10.69	1754.3	0.05	7.24	1197.6	0.02
Verbenone	9.26	1633.8	0.69	7.30	1201.5	0.66
trans-Piperitol	10.07*	1700.8	[0.13]	7.37	1206.2	0.01
Octyl acetate	6.80*	1441.3	[1.27]	7.51	1215.2	1.26
trans-Carveol	11.06	1786.3	0.16	7.56	1218.5	0.22
exo-2-Hydroxycineole	11.31	1807.9	0.01	7.60	1221.5	0.02
cis-Carveol	11.40	1815.6	0.03	7.74	1230.9	0.04
Cuminal	10.23*	1714.7	[0.07]	7.80	1234.8	0.02
Methyl decyl ether	5.29*	1329.4	[0.04]	7.82	1236.0	0.03
Carvone	9.65*	1666.1	[0.09]	7.86	1239.0	0.08
Carvotanacetone	9.16	1626.0	0.03	7.91	1242.1	0.02
Unknown CALU IV [m/z 43, 97 (69), 107 (46), 41 (28), 55 (21), 109 (20)...]	10.77	1761.3	0.03	7.99	1247.9	0.02
Piperitone	9.59	1661.2	0.08	8.01	1248.9	0.04

3,5-Dimethoxytoluene	11.02	1782.9	0.06	8.23	1264.1	0.06
Unknown BOSE VI [m/z 109, 41 (22), 81 (14), 43 (11)... 152 (4)]				8.30	1268.8	0.05
Bornyl acetate	7.92	1527.3	0.35	8.51	1282.6	0.38
<i>para</i> -Cymen-7-ol	13.82	2039.8	0.03	8.65	1292.3	0.02
Thymol	14.68*	2124.4	[0.01]	8.82	1303.3	0.02
Carvacrol	15.01	2156.9	0.02	8.94	1312.1	0.01
Myrtenyl acetate	9.31	1638.5	0.03	9.09	1322.7	0.01
Bicycloelemene	6.80*	1441.3	[1.27]	9.28	1335.9	0.03
Unknown CIAU VI [m/z 133, 105 (45), 91 (38), 119 (36)... 150 (3)]				9.36	1341.3	0.02
α -Terpinyl acetate	9.37	1643.0	0.06	9.45	1347.7	0.05
α -Ylangene	6.73	1436.1	0.02	9.71	1366.5	0.02
α -Copaene	6.84	1444.0	0.09	9.79	1372.2	0.09
β -Bourbonene	7.16	1468.9	0.23	9.90	1380.0	0.24
β -Cubebene	7.46	1491.4	0.02	9.98*	1385.3	[0.08]
Geranyl acetate	10.23*	1714.7	[0.07]	9.98*	1385.3	[0.08]
β -Elemene	8.11*	1542.4	[0.31]	10.04	1389.6	0.29
Isocaryophyllene	7.85	1521.8	0.02	10.20	1401.2	0.02
β -Caryophyllene	8.08	1539.6	0.21	10.36*	1413.2	[0.21]
β -Ylangene	7.82	1519.7	0.05	10.36*	1413.2	[0.21]
β -Copaene	8.03	1535.5	0.04	10.51	1424.0	0.02
<i>trans</i> - α -Bergamotene	8.11*	1542.4	[0.31]	10.65	1434.3	0.04
6,9-Guaiadiene	8.30	1557.2	0.10	10.72	1439.3	0.13
<i>trans</i> -Muuroala-3,5-diene	8.62*†	1582.0	[0.02]	10.78	1444.0	0.04
α -Humulene	8.94*	1608.0	[0.20]	10.82	1447.4	0.08
allo-Aromadendrene	8.66*	1585.4	[0.10]	10.92*	1454.5	[0.05]
<i>cis</i> -Muuroala-4(15),5-diene	8.99	1611.8	0.02	10.92*	1454.5	[0.05]
<i>trans</i> -Cadina-1(6),4-diene	8.94*	1608.0	[0.20]	11.14	1471.2	0.02
γ -Muurolene	9.22*	1630.5	[0.54]	11.17	1473.0	0.05
Germacrene D	9.47*	1651.2	[0.37]	11.20	1475.5	0.02
<i>trans</i> -Muuroala-4(15),5-diene	9.51*	1654.9	[0.15]	11.26*	1480.1	[0.18]
β -Selinene	9.51*	1654.9	[0.15]	11.26*	1480.1	[0.18]
Bicyclgermacrene	9.72	1672.0	0.02	11.39*	1489.6	[0.11]
α -Selinene	9.65*	1666.1	[0.09]	11.39*	1489.6	[0.11]
epi-Cubebol	11.65	1838.3	0.02	11.39*	1489.6	[0.11]

α -Muurolene	9.69	1669.6	0.04	11.49	1496.9	0.06
Cubebol	12.21	1888.6	0.03	11.65*	1509.3	[0.08]
γ -Cadinene	10.04*	1698.4	[0.09]	11.65*	1509.3	[0.08]
Zonarene	10.04*	1698.4	[0.09]	11.79*	1520.2	[0.11]
<i>trans</i> -Calamenene	10.87	1769.4	0.02	11.79*	1520.2	[0.11]
δ -Cadinene	10.07*	1700.8	[0.13]	11.79*	1520.2	[0.11]
α -Calacorene	11.75	1846.9	0.01	12.00	1537.0	0.02
Germacrene B	10.80	1763.5	0.03	12.12	1546.6	0.02
Unknown BOCA V [m/z 152, 109 (61), 43 (21), 137 (16), 151 (16)... 222 (6)]				12.36	1564.8	0.02
Caryophyllene oxide isomer	12.32	1898.5	0.02	12.48*	1574.4	[0.18]
Caryophyllene oxide	12.40	1905.4	0.14	12.48*	1574.4	[0.18]
Viridiflorol	13.63	2021.0	0.31	12.62	1585.1	0.31
Humulene epoxide II	12.99	1960.6	0.06	12.81	1600.4	0.06
4,10-diepi-Guaiol	13.96	2052.9	0.02	12.92*	1609.0	[0.04]
1,10-diepi-Cubenol	13.40	1998.9	0.01	12.92*	1609.0	[0.04]
τ -Muurolol	14.68*	2124.4	[0.01]	13.24*	1636.1	[0.07]
τ -Cadinol	14.53	2108.9	0.06	13.24*	1636.1	[0.07]
β -Eudesmol	15.02	2158.6	0.02	13.33	1642.9	0.03
α -Cadinol	15.09	2165.2	0.03	13.37	1646.8	0.02
α -Phellandrene dimer II	12.12	1879.9	0.04	15.04	1787.9	0.04
α -Phellandrene dimer III	12.76	1939.3	0.02	15.21	1803.0	0.02
(3E)-Cembrene A	15.20	2175.9	0.04	16.80	1949.2	0.04
<i>para</i> -Camphorene	15.45	2201.8	0.02	17.16	1983.4	0.02
Cembrene C	15.87	2245.5	0.02	17.26	1993.0	0.02
Verticilla-4(20),7,11- triene	16.01	2260.6	0.03	17.33	1998.9	0.03
Cembrenol	19.70	2676.7	0.01	18.59	2124.9	0.02
Incensole	20.24	2742.1	0.02	18.72*	2138.5	[0.11]
Serratol	19.22	2618.3	0.10	18.72*	2138.5	[0.11]
Total reported		97.53%			99.31%	

*: 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