

Date : November 09, 2020

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 20J26-PSC01


Customer identification : Frankincense Carterii - 200302

Type : Essential oil

Source : *Boswellia carteri*

Customer : Pacha Soap Co.

ANALYSIS

Method: PC-MAT-014  - Analysis of the composition of an essential oil or other volatile liquid by FAST GC-FID (in French); identifications validated by GC-MS.

Analyst : Fanny Charlier, B. Sc., chimiste à l'entraînement

Analysis date : November 03, 2020

Checked and approved by :

Alexis St-Gelais, M. Sc., chimiste 2013-174

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PHYSICOCHEMICAL DATA

Physical aspect: Faintly yellow liquid

Refractive index: 1.4725 ± 0.0003 (20 °C; method PC-MAT-016)

Optical rotation: -29.7° (21 °C, methanol, $c = 1.3$)

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	tr	Aliphatic alcohol
2-Methylfuran	0.01	Furan
(E)-2-Methyl-1,3-pentadiene	0.01	Alkene
Isovaleral	tr	Aliphatic aldehyde
3-Methyl-2-butanone	tr	Aliphatic ketone
Unknown	0.01	Unknown
Toluene	0.10	Simple phenolic
Unknown	tr	Alkene
Unknown	0.02	Unknown
Isopropyl isovalerate	tr	Aliphatic ester
Unknown	tr	Unknown
Hashishene	0.27	Monoterpene
Tricyclene	0.09	Monoterpene
α -Thujene	1.32	Monoterpene
α -Pinene	47.83	Monoterpene
Unknown	0.07	Monoterpene
Camphene	0.87	Monoterpene
α -Fenchene	0.02	Monoterpene
Thuja-2,4(10)-diene	0.49	Monoterpene
meta-Cymene	0.09	Monoterpene
β -Pinene	1.62	Monoterpene
Sabinene	3.30	Monoterpene
Pseudolimonene isomer	0.01	Monoterpene
6-Methyl-5-hepten-2-one	0.02	Aliphatic ketone
Dehydro-1,8-cineole	0.15	Monoterpenic ether
Myrcene	7.86	Monoterpene
6-Methyl-5-hepten-2-ol	0.01	Aliphatic alcohol
α -Phellandrene	1.75	Monoterpene
Pseudolimonene	0.03	Monoterpene
Octanal	0.02	Aliphatic aldehyde
Δ^3 -Carene	0.71	Monoterpene
ortho-Methylanisole	0.03	Simple phenolic
α -Terpinene	0.11	Monoterpene
ortho-Cymene	0.03	Monoterpene
para-Cymene	3.49	Monoterpene
Limonene	13.06	Monoterpene
β -Phellandrene	0.39	Monoterpene
1,8-Cineole	0.15	Monoterpenic ether
Cymene analog	0.04	Monoterpene
(Z)- β -Ocimene	0.09	Monoterpene
Unknown	0.03	Unknown
(E)- β -Ocimene	0.05	Monoterpene
Unknown	0.01	Unknown
γ -Terpinene	0.20	Monoterpene
cis-Sabinene hydrate	0.01	Monoterpenic alcohol

Unknown	0.02	Oxygenated monoterpene
<i>cis</i> -Linalool oxide (fur.)	0.01	Monoterpenic alcohol
Octanol	0.01	Aliphatic alcohol
Unknown	0.09	Oxygenated monoterpene
meta-Cymenene	0.01	Monoterpene
Isoterpinolene	0.01	Monoterpene
Terpinolene	0.06	Monoterpene
para-Cymenene	0.07	Monoterpene
α -Pinene oxide	0.02	Monoterpenic ether
6,7-Epoxymyrcene	0.04	Monoterpenic ether
<i>trans</i> -Sabinene hydrate	0.01	Monoterpenic alcohol
Linalool	0.12	Monoterpenic alcohol
α -Thujone	0.01	Monoterpenic ketone
Unknown	0.03	Monoterpenic alcohol
Verbenol analog?	0.06	Monoterpenic alcohol
β -Thujone	0.07	Monoterpenic ketone
<i>cis</i> -para-Menth-2-en-1-ol	0.03	Monoterpenic alcohol
<i>trans</i> -para-Mentha-2,8-dien-1-ol	0.05	Monoterpenic alcohol
α -Campholenal	0.44	Monoterpenic aldehyde
<i>cis</i> -Limonene oxide	0.03	Monoterpenic ether
<i>trans</i> -Pinocarveol	0.52	Monoterpenic alcohol
<i>trans</i> -Limonene oxide	0.05	Monoterpenic ether
<i>trans</i> -Sabinol	0.02	Monoterpenic alcohol
<i>trans</i> -Verbenol	0.52	Monoterpenic alcohol
<i>cis</i> -Verbenol	0.01	Monoterpenic alcohol
meta-Mentha-4,6-dien-8-ol	0.24	Monoterpenic alcohol
Unknown	0.02	Oxygenated monoterpene
Pinocamphone	0.07	Monoterpenic ketone
Pinocarvone	0.12	Monoterpenic ketone
Borneol	0.11	Monoterpenic alcohol
α -Phellandren-8-ol	0.53	Monoterpenic alcohol
Terpinen-4-ol	0.43	Monoterpenic alcohol
Cryptone	0.11	Normonoterpenic ketone
para-Cymen-8-ol	0.14	Monoterpenic alcohol
α -Terpineol	0.27	Monoterpenic alcohol
Myrtenal	0.05	Monoterpenic aldehyde
Myrtenol	0.24	Monoterpenic alcohol
<i>cis</i> - α -Phellandrene epoxide (IPP vs Me)	0.13	Monoterpenic ether
Verbenone	0.52	Monoterpenic ketone
<i>trans</i> -Carveol	0.18	Monoterpenic alcohol
Octyl acetate	0.02	Aliphatic ester
<i>cis</i> -Carveol	0.05	Monoterpenic alcohol
Cuminal	0.05	Monoterpenic aldehyde
Carvone	0.19	Monoterpenic ketone
Carvotanacetone	0.02	Monoterpenic ketone
Piperitone	0.05	Monoterpenic ketone
Linalyl acetate	0.01	Monoterpenic ester
3,5-Dimethoxytoluene	0.03	Simple phenolic
Unknown	0.05	Oxygenated monoterpene
Bornyl acetate	0.38	Monoterpenic ester
Thymol	0.05	Monoterpenic alcohol
Carvacrol	0.02	Monoterpenic alcohol

Myrtenyl acetate	0.01	Monoterpenic ester
α -Terpinyl acetate	0.07	Monoterpenic ester
α -Cubebene	0.06	Sesquiterpene
Cyclosativene II	0.03	Sesquiterpene
α -Copaene	0.25	Sesquiterpene
β -Bourbonene	0.08	Sesquiterpene
1,5-diepi- β -Bourbonene	0.01	Sesquiterpene
β -Cubebene	0.05	Sesquiterpene
α -Gurjunene	0.09	Sesquiterpene
β -Caryophyllene	1.38	Sesquiterpene
<i>trans</i> - α -Bergamotene	0.12	Sesquiterpene
6,9-Guaiadiene	0.01	Sesquiterpene
Unknown	0.03	Sesquiterpene
α -Humulene	0.36	Sesquiterpene
allo-Aromadendrene	0.05	Sesquiterpene
<i>cis</i> -Muurolo-4(15),5-diene	0.01	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.05	Sesquiterpene
γ -Muurolole	0.14	Sesquiterpene
Germacrene D	0.26	Sesquiterpene
β -Selinene	0.09	Sesquiterpene
<i>trans</i> -Muurolo-4(15),5-diene	0.07	Sesquiterpene
δ -Selinene	0.04	Sesquiterpene
α -Selinene	0.17	Sesquiterpene
α -Muurolole	0.13	Sesquiterpene
γ -Cadinene	0.38	Sesquiterpene
Cubebol	0.19	Sesquiterpenic alcohol
<i>trans</i> -Calamenene	0.03	Sesquiterpene
δ -Cadinene	0.39	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.05	Sesquiterpene
α -Cadinene	0.02	Sesquiterpene
Isocaryophyllene epoxide B	0.04	Sesquiterpenic ether
Germacrene B	0.03	Sesquiterpene
Elemicin	0.01	Phenylpropanoid
Palustrol	0.01	Sesquiterpenic alcohol
Unknown	0.02	Oxygenated sesquiterpene
Germacrene D-4-ol	0.02	Sesquiterpenic alcohol
Caryophyllene oxide	0.48	Sesquiterpenic ether
Caryophyllene oxide isomer	0.04	Sesquiterpenic ether
Viridiflorol	0.12	Sesquiterpenic alcohol
Salvia-4(14)-en-1-one	0.01	Aliphatic alcohol
Copaborneol	0.12	Sesquiterpenic alcohol
Humulene epoxide II	0.09	Sesquiterpenic ether
10-epi-Cubenol	0.08	Sesquiterpenic alcohol
1-epi-Cubenol	0.06	Sesquiterpenic alcohol
τ -Cadinol	0.19	Sesquiterpenic alcohol
τ -Muurolol	0.02	Sesquiterpenic alcohol
α -Eudesmol	0.18	Sesquiterpenic alcohol
α -Cadinol	0.03	Sesquiterpenic alcohol
Dihydroeudesmol	0.02	Sesquiterpenic alcohol
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	0.03	Sesquiterpenic alcohol
Shyobunol	0.01	Sesquiterpenic alcohol
α -Phellandrene dimer II	0.03	Diterpene

α -Phellandrene dimer III	0.01	Diterpene
α -Phellandrene dimer IV	0.01	Diterpene
(3E)-Cembrene A	0.04	Diterpene
Cembrene C	0.01	Diterpene
Verticilla-4(20),7,11-triene	0.01	Diterpene
Cembrenol	0.01	Diterpenic alcohol
Serratol	0.08	Diterpenic alcohol
Incensyl acetate	0.04	Diterpenic ester
Consolidated total	97.26%	

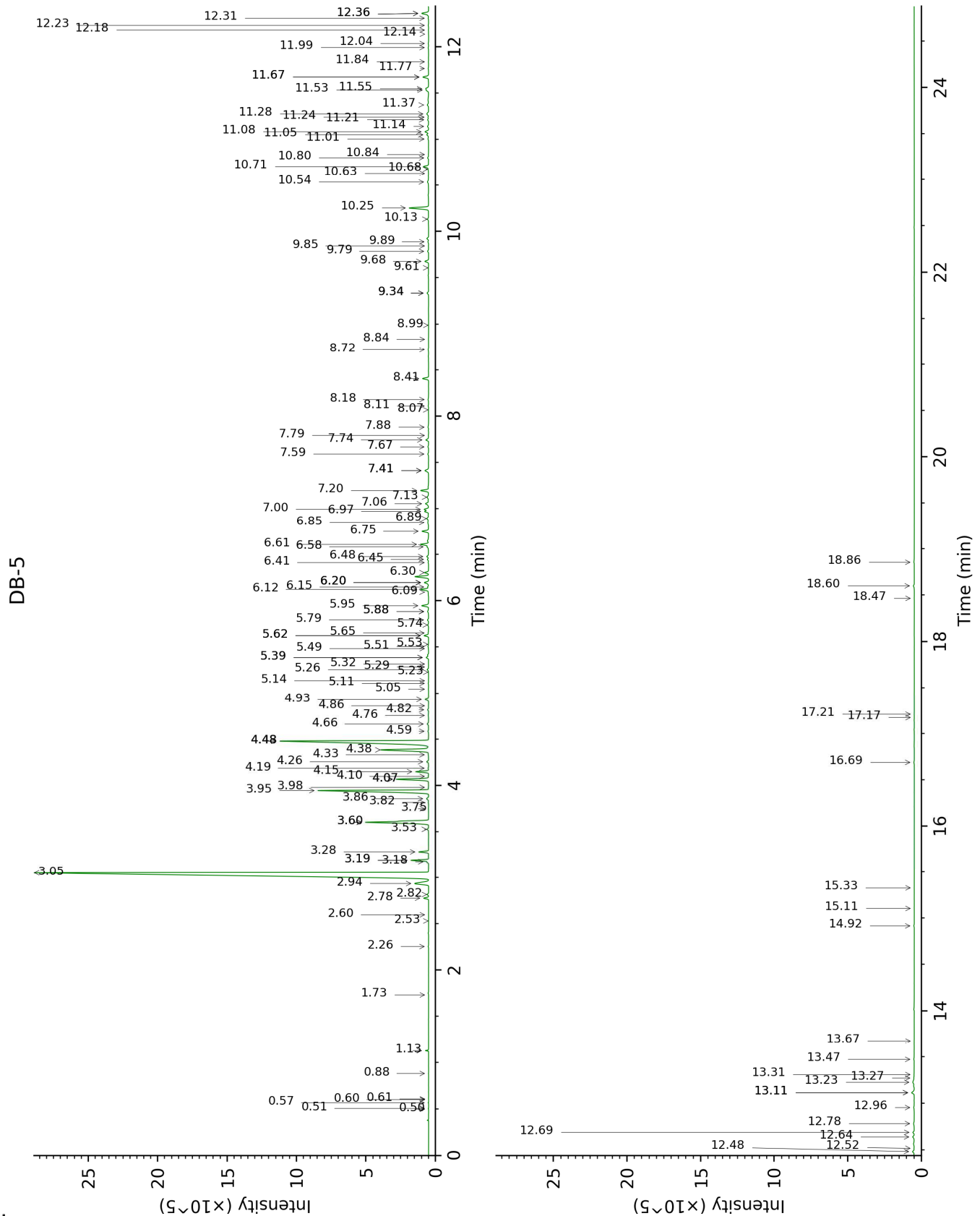
tr: The compound has been detected below 0.005% of total signal.

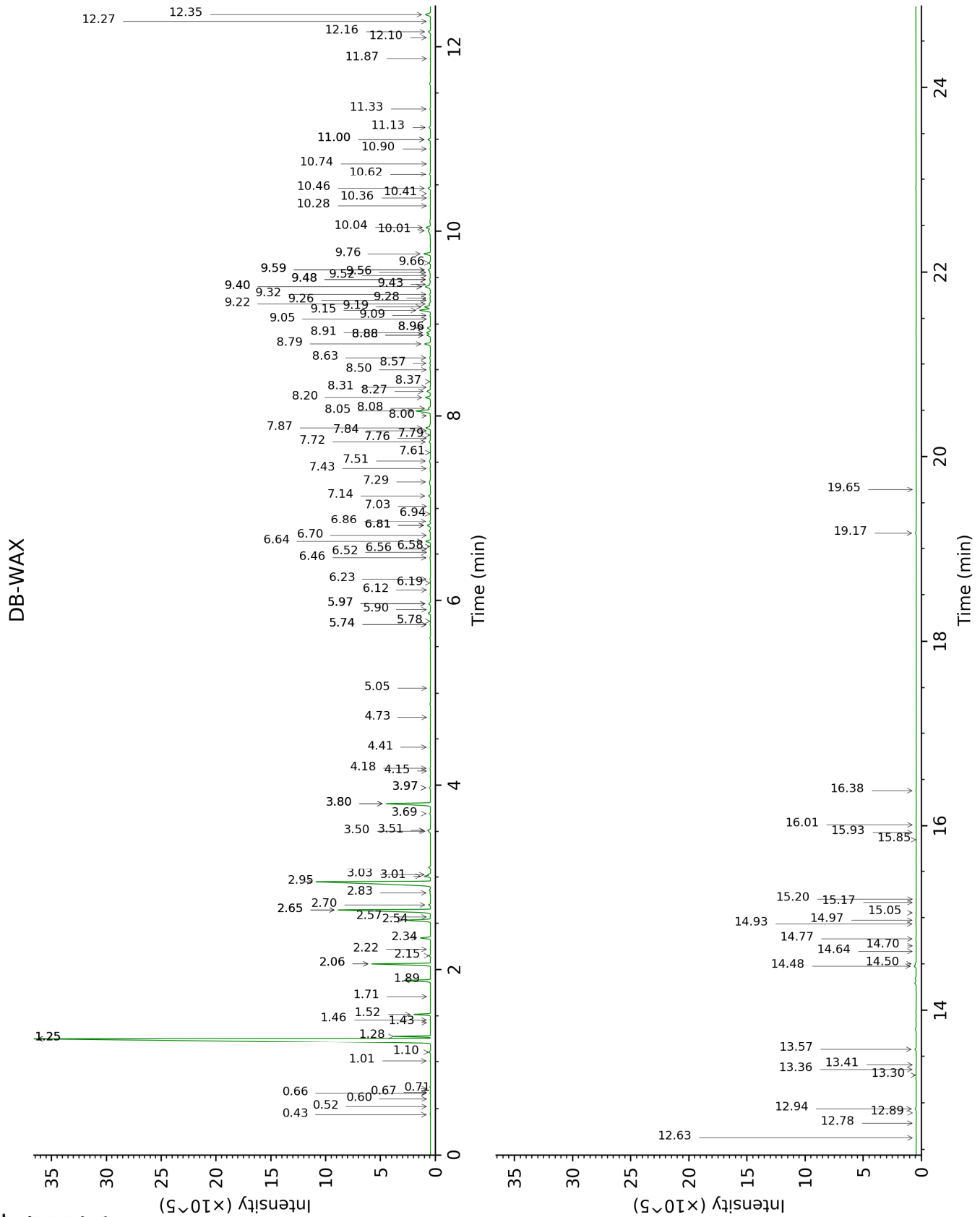
Note: no correction factor was applied

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.

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FULL ANALYSIS DATA

Identification	Column DB-5			Column DB-WAX		
	R.T	R.I	%	R.T	R.I	%
2-Methyl-3-buten-2-ol	0.50	597	tr	1.43	1017	tr
2-Methylfuran	0.51	604	0.01	0.60	855	tr
(E)-2-Methyl-1,3-pentadiene	0.57	629	0.01	0.43	762	0.01
Isovaleral	0.60	642	tr	0.67	884	tr
3-Methyl-2-butanone	0.61	645	tr	0.71	900	tr
Unknown [m/z 93, 91 (70), 77 (48), 108 (42)]	0.88	722	0.01	0.52	821	0.01
Toluene	1.13	758	0.10	1.26*	998	47.80
Unknown [m/z 109, 67 (32), 81 (14), 41 (12), 124 (10)]	1.73	829	tr	0.66	880	0.02
Unknown [m/z 79, 78 (45), 91 (28), 77 (28), 41 (13), 80 (12), 107 (11)... 122 (1)]	2.26	874	0.02	1.01	954	0.03
Isopropyl isovalerate	2.53	897	tr	1.71	1046	0.01
Unknown [m/z 93, 91 (72), 121 (58), 77 (49), 79 (41), 43 (22), 105 (20), 107 (20), 41 (18), 136 (17), 92 (17)]	2.60	903	tr			
Hashishene	2.78	915	0.27	1.26*	998	[47.80]
Tricyclene	2.82	918	0.09	1.10	971	0.10
α-Thujene	2.94	926	1.32	1.28	1001	1.42
α-Pinene	3.05	933	47.83	1.26*	998	[47.80]
Unknown [m/z 91, 92 (47), 65 (11)... 134 (1)]	3.18	942	0.07	2.15	1093	0.07
Camphene	3.19*	943	0.88	1.52	1026	0.87
α-Fenchene	3.19*	943	[0.88]	1.46	1020	0.02
Thuja-2,4(10)-diene	3.28	949	0.49	2.06*	1084	3.80
meta-Cymene	3.53	965	0.09	2.65*	1135	7.90
β-Pinene	3.60*†	970	4.92	1.88	1065	1.62
Sabinene	3.60*†	970	[4.92]	2.06*	1084	[3.80]
Pseudolimonene isomer	3.75	980	0.01	2.22	1100	0.03
6-Methyl-5-hepten-2-one	3.82	985	0.02	4.73	1297	0.01

Dehydro-1,8-cineole	3.86	987	0.15	2.83	1150	0.05
Myrcene	3.95	993	7.86	2.65*	1135	[7.90]
6-Methyl-5-hepten-2-ol	3.98	996	0.01	6.58	1428	0.01
α-Phellandrene	4.07*	1002	1.89	2.54	1126	1.75
Pseudolimonene	4.07*	1002	[1.89]	2.57	1128	0.03
Octanal	4.10	1004	0.02	4.15	1253	0.02
Δ ³ -Carene	4.15	1007	0.71	2.34	1110	0.65
ortho-Methylanisole	4.19	1009	0.03	5.74*	1366	0.04
α-Terpinene	4.26	1014	0.11	2.70	1139	0.11
ortho-Cymene	4.33	1018	0.03	3.80*	1227	3.44
para-Cymene	4.38	1022	3.49	3.80*	1227	[3.44]
Limonene	4.48*	1028	13.67	2.95	1160	13.06
β-Phellandrene	4.48*	1028	[13.67]	3.01	1164	0.39
1,8-Cineole	4.48*	1028	[13.67]	3.03	1166	0.15
Cymene analog	4.59	1034	0.04	4.18	1256	0.04
(Z)-β-Ocimene	4.66	1039	0.09	3.50	1204	0.09
Unknown [m/z 109, 43 (57), 91 (28), 67 (25), 93 (24), 95 (22), 77 (21), 137 (21), 41 (17), 79 (14)...]	4.76	1045	0.03			
(E)-β-Ocimene	4.82	1049	0.05	3.69	1219	0.06
Unknown [m/z 109, 45 (67), 41 (40), 67 (39), 81 (33), 79 (27), 95 (24), 91 (23), 82 (21), 55 (21), 93 (20)...]	4.86	1052	0.01	6.56	1426	0.03
γ-Terpinene	4.93	1056	0.20	3.51	1205	0.20
cis-Sabinene hydrate	5.05	1064	0.01	6.52	1424	0.01
Unknown [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)]	5.11	1068	0.02	4.41	1273	0.03
cis-Linalool oxide (fur.)	5.14	1069	0.01	6.19	1399	0.03
Octanol	5.23	1075	0.01	7.84	1524	0.02
Unknown [m/z 43, 94 (63), 109 (61), 59 (55), 79 (51)...152 (2)]	5.26	1077	0.09	6.86	1449	0.06
meta-Cymenene	5.29	1079	0.01	5.90	1378	0.02
Isoterpinolene	5.32	1081	0.01	3.97*	1240	0.07
Terpinolene	5.39*	1085	0.16	3.97*	1240	[0.07]
para-Cymenene	5.39*	1085	[0.16]	5.97*	1382	0.14

α-Pinene oxide	5.48	1091	0.02	5.06	1316	0.01
6,7-Epoxymyrcene	5.51	1093	0.04	5.78	1369	0.02
<i>trans</i> -Sabinene hydrate	5.53	1094	0.01	7.61	1506	0.02
Linalool	5.62*	1100	0.27	7.72	1514	0.12
α-Thujone	5.62*	1100	[0.27]	5.74*	1366	[0.04]
Unknown [m/z 119, 109 (94), 43 (61), 95 (56), 91 (48), 77 (32), 152 (32), 137 (31), 134 (24)]	5.65	1102	0.03	8.20	1552	0.43
Verbenol analog?	5.74	1108	0.06	8.00	1537	0.04
β-Thujone	5.79	1111	0.07	5.97*	1382	[0.14]
<i>cis</i> -para-Menth-2-en-1-ol	5.88*	1117	0.09	7.76	1518	0.03
<i>trans</i> -para-Mentha-2,8-dien-1-ol	5.88*	1117	[0.09]	8.57	1581	0.05
α-Campholenal	5.95	1121	0.44	6.64	1433	0.37
<i>cis</i> -Limonene oxide	6.09	1130	0.03	6.12	1393	0.03
<i>trans</i> -Pinocarveol	6.12	1132	0.52	8.88*†	1605	0.61
<i>trans</i> -Limonene oxide	6.15	1134	0.05	6.23	1402	0.05
<i>trans</i> -Sabinol	6.20*†	1137	1.18	9.48*	1655	0.11
<i>trans</i> -Verbenol	6.20*†	1137	[1.18]	9.19	1630	0.52
<i>cis</i> -Verbenol	6.20*†	1137	[1.18]	8.96*	1612	0.25
meta-Mentha-4,6-dien-8-ol	6.30	1144	0.24	8.96*	1612	[0.25]
Unknown [m/z 109, 81 (39), 41 (38), 95 (24)... 152 (1)]	6.41	1151	0.02			
Pinocamphone	6.45	1153	0.07	6.94	1456	0.04
Pinocarvone	6.48	1155	0.12	7.51	1498	0.11
Borneol	6.58	1162	0.11	9.43†	1650	[0.64]
α-Phellandren-8-ol	6.61	1164	0.53	9.76	1677	0.53
Terpinen-4-ol	6.75	1173	0.43	8.27	1557	0.30
Cryptone	6.85	1179	0.11	8.79	1598	0.49
para-Cymen-8-ol	6.90	1182	0.14	11.13	1794	0.12
α-Terpineol	6.97†	1187	0.54	9.40*†	1648	0.64
Myrtenal	7.00†	1189	[0.54]	8.31	1560	0.05
Myrtenol	7.06	1193	0.24	10.46	1737	0.20
<i>cis</i> -α-Phellandrene epoxide (IPP vs Me)	7.13	1197	0.13	10.62	1750	0.09
Verbenone	7.20	1202	0.52	9.15	1627	0.90
<i>trans</i> -Carveol	7.41*	1216	0.31	11.00*	1782	0.21
Octyl acetate	7.41*	1216	[0.31]	6.81*	1446	0.27
<i>cis</i> -Carveol	7.59	1228	0.05	11.33	1811	0.05
Cuminal	7.67	1234	0.05	10.28	1721	0.04

Carvone	7.74	1239	0.19	9.66	1669	0.12
Carvotanacetone	7.79	1242	0.02	9.09	1623	0.04
Piperitone	7.88	1248	0.05	9.56	1661	0.06
Linalyl acetate	8.07	1261	0.01	7.80	1520	0.01
3,5-Dimethoxytoluene	8.11	1264	0.03	11.00*	1782	[0.21]
Unknown [m/z 109, 41 (22), 81 (14), 43 (11)... 152 (4)]	8.18	1268	0.05			
Bornyl acetate	8.41	1284	0.38	7.87	1526	0.41
Thymol	8.72	1302	0.05	14.77	2135	0.06
Carvacrol	8.84	1310	0.02	14.97	2155	0.06
Myrtenyl acetate	8.99	1321	0.01	9.26	1636	0.03
α -Terpinyl acetate	9.34*	1346	0.12	9.32	1642	0.07
α -Cubebene	9.34*	1346	[0.12]	6.46	1419	0.06
Cyclosativene II	9.61	1365	0.03	6.70	1438	0.03
α -Copaene	9.68	1370	0.25	6.81*	1446	[0.27]
β -Bourbonene	9.79	1378	0.08	7.14	1470	0.16
1,5-diepi- β -Bourbonene	9.84	1382	0.01	7.02	1462	0.01
β -Cubebene	9.89	1385	0.05	7.43	1492	0.05
α -Gurjunene	10.13	1402	0.09	7.29	1481	0.10
β -Caryophyllene	10.25	1411	1.38	8.05	1540	1.33
<i>trans</i> - α -Bergamotene	10.54	1432	0.12	8.08	1543	0.18
6,9-Guaiadiene	10.63	1440	0.01	8.37	1565	0.01
Unknown [m/z 91, 161 (92), 105 (85), 119 (63), 133 (53), 79 (49), 204 (46)]	10.68	1443	0.03	8.50	1575	0.04
α -Humulene	10.71	1445	0.36	8.91†	1608	[0.61]
allo-Aromadendrene	10.80	1452	0.05	8.63	1585	0.08
<i>cis</i> -Muurolo-4(15),5-diene	10.84	1455	0.01	9.05	1620	0.01
<i>trans</i> -Cadina-1(6),4-diene	11.01	1467	0.05	8.88*†	1605	[0.61]
γ -Muurolole	11.05	1471	0.14	9.22	1633	0.13
Germacrene D	11.08	1473	0.26	9.40*†	1648	[0.64]
β -Selinene	11.14	1478	0.09	9.48*	1655	[0.11]
<i>trans</i> -Muurolo-4(15),5-diene	11.21	1483	0.07	9.52	1658	0.04
δ -Selinene	11.24	1485	0.04	9.28	1638	0.05
α -Selinene	11.28	1488	0.17	9.58*	1663	0.22
α -Muurolole	11.37	1495	0.13	9.58*	1663	[0.22]
γ -Cadinene	11.53†	1507	0.37	10.01	1698	0.38
Cubebol	11.55†	1508	[0.37]	12.16	1886	0.19
<i>trans</i> -Calamenene	11.67*	1518	0.41	10.90	1774	0.03
δ -Cadinene	11.67*	1518	[0.41]	10.04	1701	0.39
<i>trans</i> -Cadina-1,4-diene	11.77	1525	0.05	10.36	1728	0.02

α-Cadinene	11.84	1531	0.02	10.41	1732	0.03
Isocaryophyllene epoxide B	11.99	1543	0.04			
Germacrene B	12.04	1547	0.03	10.74	1760	0.03
Elemicin	12.14	1555	0.01	15.17	2175	0.02
Palustrol	12.18	1558	0.01	11.87	1860	0.02
Unknown [m/z 152, 109 (61), 43 (21), 137 (16), 151 (16)... 222 (6)]	12.23	1562	0.02			
Germacrene D-4-ol	12.31	1568	0.02	13.30	1991	0.02
Caryophyllene oxide	12.36*	1572	0.54	12.35	1902	0.48
Caryophyllene oxide isomer	12.36*	1572	[0.54]	12.27	1896	0.04
Viridiflorol	12.48	1582	0.12	13.57	2017	0.11
Salvial-4(14)-en-1-one	12.52	1585	0.01	12.63	1928	0.01
Copaborneol	12.64	1594	0.12	14.50	2108	0.10
Humulene epoxide II	12.69	1598	0.09	12.94	1957	0.10
10-epi-Cubenol	12.78	1606	0.08	13.36	1996	0.03
1-epi-Cubenol	12.96	1620	0.06	13.41	2001	0.01
τ-Cadinol	13.11*	1633	0.21	14.48	2106	0.19
τ-Murolol	13.11*	1633	[0.21]	14.64	2122	0.02
α-Eudesmol	13.23	1642	0.18	14.93	2151	0.03
α-Cadinol	13.27	1646	0.03	15.06	2164	0.03
Dihydroeudesmol	13.31	1649	0.02	14.70	2128	0.01
(3Z)-Caryophylla-3,8(13)-dien-5β-ol	13.47	1663	0.03	16.38	2301	0.03
Shyobunol	13.67	1680	0.01	15.93	2254	0.02
α-Phellandrene dimer II	14.92	1786	0.03	12.10	1880	0.03
α-Phellandrene dimer III	15.11	1803	0.01	12.78	1943	0.02
α-Phellandrene dimer IV	15.33	1823	0.01	12.89	1953	0.01
(3E)-Cembrene A	16.69	1949	0.04	15.20	2178	0.01
Cembrene C	17.17	1995	0.01	15.85	2246	0.01
Verticilla-4(20),7,11-triene	17.21	1999	0.01	16.01	2262	0.01
Cembrenol	18.47	2125	0.01	19.65	2674	0.01
Serratol	18.60	2139	0.08	19.17	2616	0.08
Incensyl acetate	18.86	2165	0.04			
Total identified		97.98%			96.15%	
Total reported		98.38%			96.85%	

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not 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

