

Date : May 10, 2022

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 22E04-PTH01


Customer identification : Geranium - Egypt - G30109R

Type : Essential oil

Source : *Pelargonium x asperum* ct. Egyptian

Customer : Plant Therapy

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

Analysis date : May 10, 2022

Checked and approved by :

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

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PHYSICOCHEMICAL DATA

Physical aspect: Light yellow liquid

Refractive index: 1.4674 ± 0.0003 (20 °C; method PC-MAT-016)

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
Dimethylsulfide	0.01	Aliphatic sulfide
2-Methyl-3-buten-2-ol	tr	Aliphatic alcohol
Isovaleral	0.01	Aliphatic aldehyde
2-Methylbutyral	tr	Aliphatic aldehyde
Isoamyl alcohol	0.02	Aliphatic alcohol
Toluene	tr	Simple phenolic
Isoamyl formate	tr	Aliphatic ester
Hexanal	0.01	Aliphatic aldehyde
Unknown	0.02	Unknown
3-Methylpentanol	0.05	Aliphatic alcohol
(3Z)-Hexenol	0.02	Aliphatic alcohol
Hexanol	tr	Aliphatic alcohol
3-Acetyl-3-methylcyclopentene	0.01	Aliphatic ketone
3-Methylpentyl formate?	0.01	Aliphatic ester
α -Pinene	0.48	Monoterpene
Geranic oxide	0.06	Monoterpenic ether
β -Pinene	0.01	Monoterpene
Octen-3-ol	0.02	Aliphatic alcohol
6-Methyl-5-hepten-2-one	0.07	Aliphatic ketone
<i>trans</i> -Dehydroxylinalool oxide	0.03	Monoterpenic ether
Myrcene	0.13	Monoterpene
6-Methyl-5-hepten-2-ol	0.02	Aliphatic alcohol
α -Phellandrene	0.08	Monoterpene
<i>cis</i> -Dehydroxylinalool oxide	0.02	Monoterpenic ether
Δ^3 -Carene	0.03	Monoterpene
α -Terpinene	0.01	Monoterpene
para-Cymene	0.09	Monoterpene
Limonene	0.16	Monoterpene
1,8-Cineole	0.01	Monoterpenic ether
β -Phellandrene	0.06	Monoterpene
Benzeneacetaldehyde	0.03	Simple phenolic
(Z)- β -Ocimene	0.10	Monoterpene
(E)- β -Ocimene	0.10	Monoterpene
Unknown	0.04	Unknown
2,6-Dimethyl-5-heptenal (melonal)	0.02	Aliphatic aldehyde
γ -Terpinene	0.02	Monoterpene
Unknown	0.02	Oxygenated monoterpene
<i>cis</i> -Linalool oxide (fur.)	0.21	Monoterpenic alcohol
Octanol	0.02	Aliphatic alcohol
Fenchone	0.01	Monoterpenic ketone
Terpinolene	0.04	Monoterpene
para-Cymenene	0.05	Monoterpene
<i>trans</i> -Linalool oxide (fur.)	0.06	Monoterpenic alcohol
<i>trans</i> -Sabinene hydrate	0.02	Monoterpenic alcohol
Rosefuran	0.02	Monoterpenic ether

Linalool	3.95	Monoterpenic alcohol
(Z)-6-Methyl-3,5-heptadien-2-one	0.01	Aliphatic ketone
cis-Rose oxide	1.28	Monoterpenic ether
trans-Rose oxide	0.53	Monoterpenic ether
Unknown	0.04	Unknown
Isopulegol	0.09	Monoterpenic alcohol
neo-Isopulegol	0.01	Monoterpenic alcohol
Menthone	0.88	Monoterpenic ketone
Unknown	0.05	Unknown
Citronellal	0.19	Monoterpenic aldehyde
iso-Isopulegol	0.07	Monoterpenic alcohol
Isomenthone	6.09	Monoterpenic ketone
neo-Menthol	0.09	Monoterpenic alcohol
Terpinen-4-ol	0.03	Monoterpenic alcohol
Menthol	0.03	Monoterpenic alcohol
Isomenthol	0.19	Monoterpenic alcohol
para-Cymen-8-ol	0.04	Monoterpenic alcohol
α -Terpineol	0.32	Monoterpenic alcohol
Unknown	0.02	Unknown
Unknown	0.04	Oxygenated monoterpene
β -Cyclocitral	0.02	Monoterpenic aldehyde
Nerol	0.17	Monoterpenic alcohol
Citronellol	32.25	Monoterpenic alcohol
Neral	0.51	Monoterpenic aldehyde
Piperitone	0.04	Monoterpenic ketone
Geraniol	12.59	Monoterpenic alcohol
Geranial	0.68	Monoterpenic aldehyde
Citronellyl formate	6.58	Monoterpenic ester
Neryl formate	0.04	Monoterpenic ester
Geranyl formate	2.36	Monoterpenic ester
(3Z)-Hexenyl tiglate	0.02	Aliphatic ester
Methyl geranate	0.04	Monoterpenic ester
α -Cubebene	0.26	Sesquiterpene
Citronellyl acetate	0.25	Monoterpenic ester
Neryl acetate	0.04	Monoterpenic ester
α -Copaene	0.54	Sesquiterpene
β -Bourbonene	1.12	Sesquiterpene
1,5-diepi- β -Bourbonene	0.07	Sesquiterpene
Geranyl acetate	0.41	Monoterpenic ester
β -Elemene	0.04	Sesquiterpene
Phenylethyl isobutyrate	0.08	Phenolic ester
Isocaryophyllene	0.03	Sesquiterpene
α -Gurjunene	0.08	Sesquiterpene
β -Caryophyllene	1.39	Sesquiterpene
β -Copaene	0.14	Sesquiterpene
Heptyl tiglate	0.03	Aliphatic ester
Aromadendrene	0.06	Sesquiterpene
Isogermacrene D	0.03	Sesquiterpene
6,9-Guaiadiene	0.43	Sesquiterpene
Citronellyl propionate	0.36	Monoterpenic ester
Unknown	0.39	Sesquiterpene
α -Humulene	0.33	Sesquiterpene

allo-Aromadendrene	0.20	Sesquiterpene
Unknown	0.05	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.02	Sesquiterpene
γ -Muurolene	0.25	Sesquiterpene
α -Amorphene	0.11	Sesquiterpene
Germacrene D	1.63	Sesquiterpene
Geranyl propionate	0.66	Monoterpenic ester
β -Selinene	0.29	Sesquiterpene
Phenylethyl isovalerate	0.03	Phenolic ester
γ -Amorphene	0.15	Sesquiterpene
α -Selinene	0.01	Sesquiterpene
Bicyclogermacrene	0.41	Sesquiterpene
Viridiflorene	0.12	Sesquiterpene
4- <i>epi-cis</i> -Dihydroagarofuran	0.08	Sesquiterpenic ether
α -Muurolene	0.33	Sesquiterpene
γ -Cadinene	0.43	Sesquiterpene
7- <i>epi</i> - α -Selinene	0.09	Sesquiterpene
Geranyl isobutyrate	0.25	Monoterpenic ester
<i>trans</i> -Calamenene	0.01	Sesquiterpene
Zonarene	0.06	Sesquiterpene
δ -Cadinene	0.81	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.08	Sesquiterpene
Citronellyl butyrate	0.59	Monoterpenic ester
Phenylethyl angelate?	0.11	Phenolic ester
α -Cadinene	0.06	Sesquiterpene
α -Agarofuran	0.36	Sesquiterpenic ether
1-nor-Bourbonanone	0.06	Norsesquiterpenic ketone
Geranyl butyrate	1.04	Monoterpenic ester
Spathulenol	0.24	Sesquiterpenic alcohol
Caryophyllene oxide	0.22	Sesquiterpenic ether
Globulol	0.10	Sesquiterpenic alcohol
Phenylethyl tiglate	0.81	Phenolic ester
Viridiflorol	0.07	Sesquiterpenic alcohol
Geranyl 2-methylbutyrate?	0.13	Monoterpenic ester
Geranyl isovalerate	0.09	Monoterpenic ester
10- <i>epi</i> -Cubenol	0.19	Sesquiterpenic alcohol
10- <i>epi</i> - γ -Eudesmol	4.40	Sesquiterpenic alcohol
1- <i>epi</i> -Cubenol	0.16	Sesquiterpenic alcohol
Unknown	0.22	Oxygenated sesquiterpene
γ -Eudesmol	0.20	Sesquiterpenic alcohol
Citronellyl valerate?	0.09	Monoterpenic ester
τ -Muurolol	0.02	Sesquiterpenic alcohol
Agarospinol?	0.07	Sesquiterpenic alcohol
Jinkoh-eremol	0.10	Sesquiterpenic alcohol
Cubenol	0.13	Sesquiterpenic alcohol
β -Eudesmol	0.29	Sesquiterpenic alcohol
α -Eudesmol	0.29	Sesquiterpenic alcohol
Valerianol	0.07	Sesquiterpenic alcohol
<i>cis</i> -Calamenen-10-ol	0.02	Sesquiterpenic alcohol
Geranyl valerate	0.20	Monoterpenic ester
Citronellyl tiglate	0.34	Monoterpenic ester
Citronellyl 4-methylvalerate	0.11	Monoterpenic ester

3β,4β-Oxidoagarofuran?	0.04	Sesquiterpenic ether
Geranyl tiglate	1.01	Monoterpenic ester
Geranyl 4-methylvalerate?	0.17	Monoterpenic ester
Citronellyl caproate	0.05	Monoterpenic ester
Geranyl caproate	0.12	Monoterpenic ester
Citronellyl heptanoate	0.07	Monoterpenic ester
Phytone	0.03	Terpenic ketone
Geranyl heptanoate	0.11	Monoterpenic ester
Unknown	0.03	Unknown
Citronellyl caprylate	0.04	Monoterpenic ester
Geranyl caprylate	0.05	Monoterpenic ester
Consolidated total	96.08%	

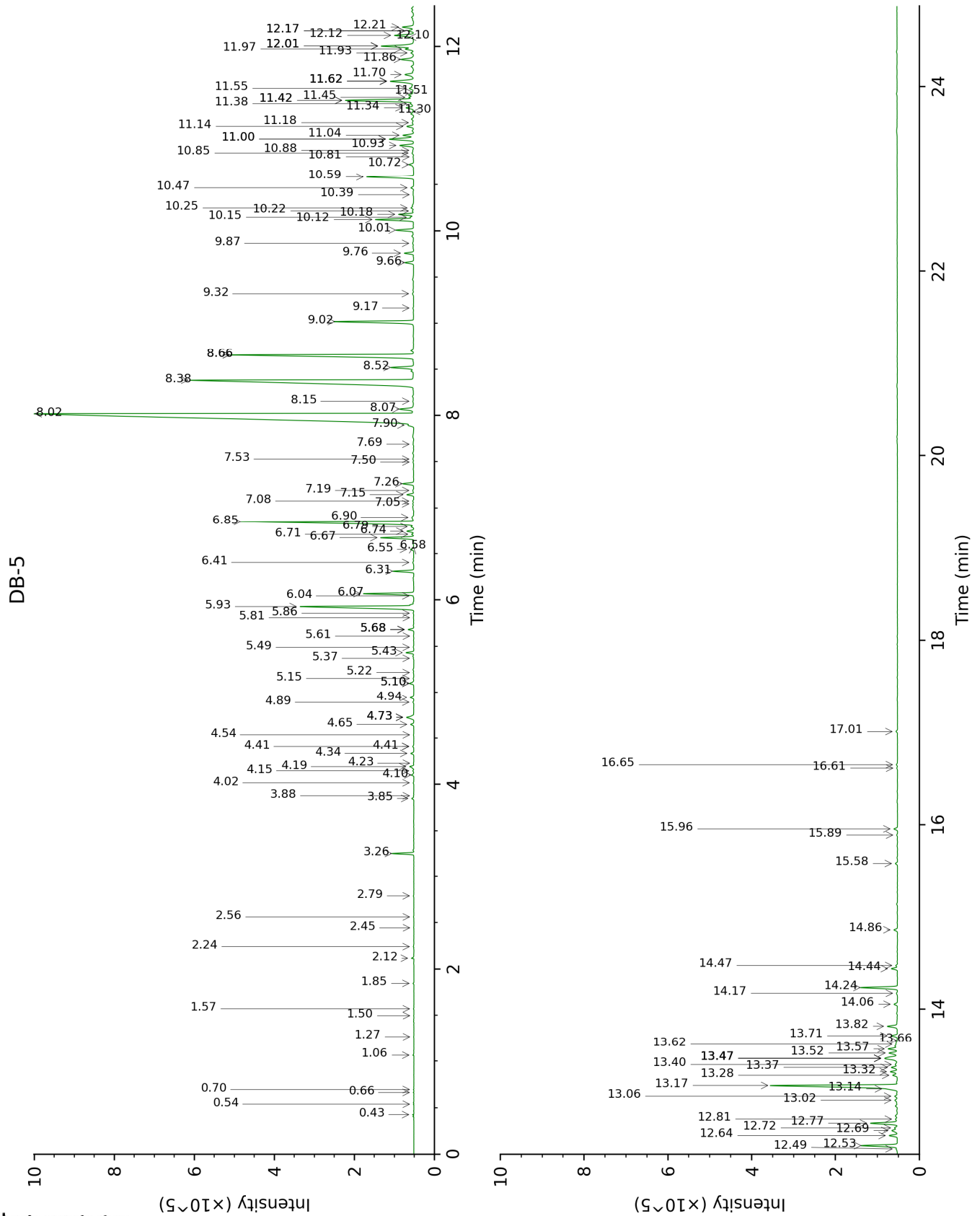
tr: The compound has been detected below 0.005% of total signal.

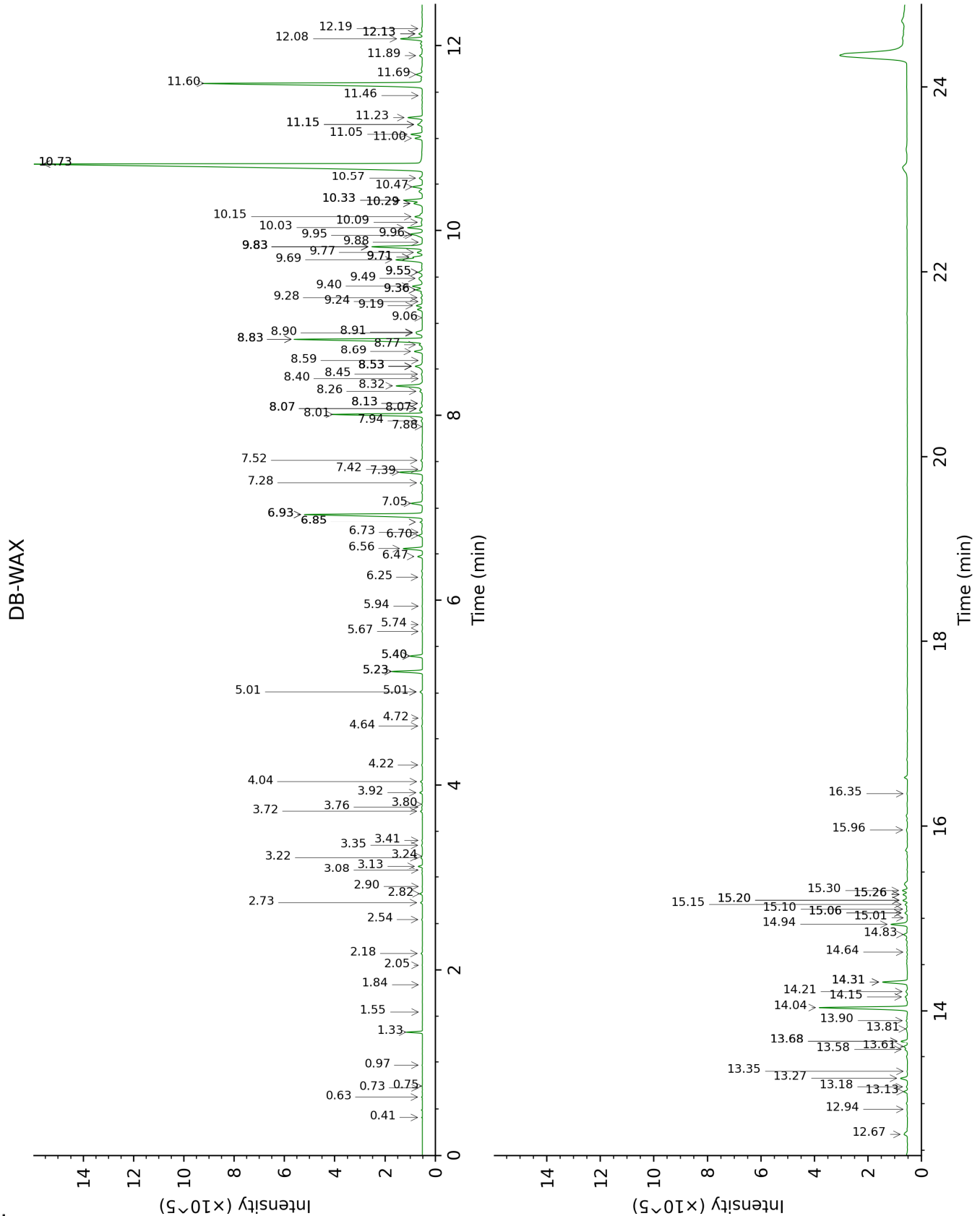
Note: no correction factor was applied

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	%
Dimethylsulfide	0.43	514	0.01	0.41	712	0.01
2-Methyl-3-buten-2-ol	0.54	600	tr	1.55	1015	0.01
Isovaleral	0.66	643	0.01	0.75	888	0.01
2-Methylbutyral	0.70	653	tr	0.73	881	0.01
Isoamyl alcohol	1.06	732	0.02	3.41	1179	0.02
Toluene	1.27	758	tr			
Isoamyl formate	1.50	789	tr			
Hexanal	1.57	799	0.01	1.84	1044	0.01
Unknown [m/z 81, 69 (80), 41 (65), 83 (52), 109 (48), 55 (47)...]	1.85	822	0.02	0.63	844	0.02
3-Methylpentanol	2.12	844	0.05	5.01*	1299	0.12
(3Z)-Hexenol	2.24	854	0.02	5.74	1350	0.02
Hexanol	2.45	871	tr	5.40*	1326	0.53
3-Acetyl-3-methylcyclopentene	2.56	880	0.01	0.97	930	0.01
3-Methylpentyl formate?	2.79	899	0.01	3.08	1153	0.02
α-Pinene	3.26	930	0.48	1.33	990	0.48
Geranic oxide	3.85	969	0.06	2.18	1078	0.05
β-Pinene	3.88	971	0.01	2.05	1065	0.01
Octen-3-ol	4.02	980	0.02	6.73	1422	0.02
6-Methyl-5-hepten-2-one	4.10	986	0.07	5.01*	1299	[0.12]
trans-Dehydroxylinalool oxide	4.15	989	0.03	3.35	1175	0.04
Myrcene	4.19	992	0.13	2.82	1133	0.10
6-Methyl-5-hepten-2-ol	4.23	994	0.02	6.85*	1431	0.12
α-Phellandrene	4.34	1001	0.08	2.73	1126	0.07
cis-Dehydroxylinalool oxide	4.41*	1006	0.04	3.80	1210	0.02
Δ3-Carene	4.41*	1006	[0.04]	2.54	1111	0.03
α-Terpinene	4.54	1014	0.01	2.90	1139	0.01
para-Cymene	4.65	1021	0.09	4.04	1227	0.08
Limonene	4.73*	1026	0.30	3.13	1157	0.16
1,8-Cineole	4.73*	1026	[0.30]	3.24	1166	0.01
β-Phellandrene	4.73*	1026	[0.30]	3.22	1165	0.06
Benzeneacetaldehyde	4.89	1036	0.03	8.77	1577	0.17
(Z)-β-Ocimene	4.94	1039	0.10	3.72	1204	0.07
(E)-β-Ocimene	5.10*	1049	0.14	3.92	1219	0.10
Unknown [m/z 125, 69 (75), 41 (34), 55 (25), 93 (22)... 140 (3)]	5.10*	1049	[0.14]	4.64	1272	0.04
2,6-Dimethyl-5-heptenal (melonal)	5.15	1052	0.02	5.23*	1314	1.29

γ-Terpinene	5.22	1056	0.02	3.76	1207	0.03
Unknown [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)]	5.37	1066	0.02	4.72	1278	0.03
<i>cis</i> -Linalool oxide (fur.)	5.43	1070	0.21	6.47	1403	0.20
Octanol	5.49	1074	0.02	8.13*	1527	0.07
Fenchone	5.61	1081	0.01	5.67	1345	0.03
Terpinolene	5.68*	1086	0.15	4.22	1241	0.04
<i>para</i> -Cymenene	5.68*	1086	[0.15]	6.25	1387	0.05
<i>trans</i> -Linalool oxide (fur.)	5.68*	1086	[0.15]	6.85*	1431	[0.12]
<i>trans</i> -Sabinene hydrate	5.81	1094	0.02	7.88	1508	0.01
Rosefuran	5.86	1097	0.02	5.94	1364	0.02
Linalool	5.93	1102	3.95	8.01	1518	3.92
(<i>Z</i>)-6-Methyl-3,5-heptadien-2-one	6.04	1109	0.01	8.13*	1527	[0.07]
<i>cis</i> -Rose oxide	6.07	1111	1.28	5.23*	1314	[1.29]
<i>trans</i> -Rose oxide	6.31	1126	0.53	5.40*	1326	[0.53]
Unknown [m/z 95, 67 (86), 41 (68), 82 (64), 123 (62)...]	6.41	1132	0.04	7.42	1473	0.03
Isopulegol	6.55	1142	0.09	8.08*	1523	0.09
neo-Isopulegol	6.58	1144	0.01	8.08*	1523	[0.09]
Menthone	6.67	1150	0.88	6.56	1409	0.88
Unknown [m/z 43, 141 (51), 55 (36), 69 (31), 41 (29)... 156 (4)]	6.71	1152	0.05	8.45	1551	0.07
Citronellal	6.74	1154	0.19	6.93*	1437	6.29
iso-Isopulegol	6.79	1158	0.07	7.94	1512	0.06
Isomenthone	6.85	1161	6.09	6.93*	1437	[6.29]
neo-Menthol	6.90	1164	0.09	8.53*	1558	0.47
Terpinen-4-ol	7.05	1174	0.03	8.53*	1558	[0.47]
Menthol	7.08	1176	0.03	9.06	1599	0.02
Isomenthol	7.15	1180	0.19	8.90	1586	0.24
<i>para</i> -Cymen-8-ol	7.19	1183	0.04	11.46	1798	0.02
α-Terpineol	7.26	1188	0.32	9.72*	1652	0.36
Unknown [m/z 43, 99 (84), 81 (46), 986 (43), 126 (36), 71 (28)... 170 (12)]	7.50	1203	0.02			
Unknown [m/z 123, 81 (40), 67 (29), 79 (29), 93 (26), 121 (25), 41 (24), 55 (18), 69 (15)...]	7.53	1205	0.04			
β-Cyclocitral	7.69	1216	0.02	8.59	1563	0.02
Nerol	7.90	1230	0.17	11.00	1759	0.36
Citronellol	8.02	1239	32.25	10.73*	1736	32.12
Neral	8.07	1242	0.51	9.40	1627	0.51

Piperitone	8.15	1248	0.04	9.83*	1661	2.62
Geraniol	8.38	1264	12.59	11.60	1810	12.45
Geranial	8.52	1273	0.68	10.03	1678	0.66
Citronellyl formate	8.66*	1282	6.57	8.83*	1581	6.61
Neryl formate	8.66*	1282	[6.57]	9.36*	1624	0.30
Geranyl formate	9.02	1308	2.36	9.83*	1661	[2.62]
(3Z)-Hexenyl tiglate	9.17	1313	0.02	9.28	1617	0.07
Methyl geranate	9.32	1324	0.04	9.72*	1652	[0.36]
α -Cubebene	9.66	1348	0.26	6.70	1420	0.19
Citronellyl acetate	9.76	1355	0.25	9.36*	1624	[0.30]
Neryl acetate	9.87	1362	0.04	10.09	1682	0.09
α -Copaene	10.01	1373	0.54	7.05	1446	0.55
β -Bourbonene	10.12	1381	1.12	7.39	1471	1.10
1,5-diepi- β - Bourbonene	10.15	1382	0.07	7.28	1462	0.10
Geranyl acetate	10.18	1385	0.41	10.47	1714	0.45
β -Elemene	10.22	1387	0.04	8.40	1548	0.02
Phenylethyl isobutyrate	10.25	1390	0.08	11.90	1836	0.16
Isocaryophyllene	10.39	1400	0.03	8.08*	1523	[0.09]
α -Gurjunene	10.47	1405	0.08	7.52	1480	0.07
β -Caryophyllene	10.59	1414	1.39	8.32	1542	1.38
β -Copaene	10.72	1424	0.14	8.26	1537	0.13
Heptyl tiglate	10.81	1430	0.03			
Aromadendrene	10.85	1434	0.06	8.53*	1558	[0.47]
Isogermacrene D	10.88	1436	0.03	8.83*	1581	[6.61]
6,9-Guaiadiene	10.93	1440	0.43	8.53*	1558	[0.47]
Citronellyl propionate	11.00*	1445	0.86	10.15	1687	0.36
Unknown [m/z 91, 161 (92), 105 (85), 119 (63), 133 (53), 79 (49), 204 (46)]	11.00*	1445	[0.86]	8.69	1570	0.39
α -Humulene	11.04	1448	0.33	9.19	1610	0.31
allo-Aromadendrene	11.14	1455	0.20	8.91	1587	0.29
Unknown [m/z 161, 105 (68), 119 (54), 91 (52), 93 (41), 79 (39)... 204 (6)]	11.18	1458	0.05			
<i>trans</i> -Cadina-1(6),4- diene	11.30	1467	0.02	9.24	1613	0.02
γ -Murololene	11.34	1470	0.25	9.49	1634	0.15
α -Amorphene	11.38	1473	0.11	9.55*	1639	0.23
Germacrene D	11.42*	1476	2.28	9.69	1650	1.63
Geranyl propionate	11.42*	1476	[2.28]	11.23	1778	0.66
β -Selinene	11.45	1478	0.29	9.77	1656	0.27
Phenylethyl isovalerate	11.51	1483	0.03	12.94	1931	0.04
γ -Amorphene	11.55	1486	0.15	9.83*	1661	[2.62]
α -Selinene	11.62*	1492	0.92	9.88	1665	0.01
Bicylogermacrene	11.62*	1492	[0.92]	9.96†	1672	[0.74]
Viridiflorene	11.62*	1492	[0.92]	9.55*	1639	[0.23]

4-epi- <i>cis</i> -Dihydroagarofuran	11.62*	1492	[0.92]	9.83*	1661	[2.62]
α -Muurolene	11.70	1497	0.33	9.95†	1671	0.74
γ -Cadinene	11.86	1509	0.43	10.29*	1699	0.48
7-epi- α -Selinene	11.93	1515	0.09	10.33*	1702	0.90
Geranyl isobutyrate	11.97	1518	0.25	11.15*	1772	0.26
<i>trans</i> -Calamenene	12.00*	1521	1.09	11.15*	1772	[0.26]
Zonarene	12.00*	1521	[1.09]	10.29*	1699	[0.48]
δ -Cadinene	12.00*	1521	[1.09]	10.33*	1702	[0.90]
<i>trans</i> -Cadina-1,4-diene	12.10	1528	0.08	10.57	1722	0.17
Citronellyl butyrate	12.12	1530	0.59	11.05	1763	0.54
Phenylethyl angelate?	12.17*	1534	0.17	14.15	2045	0.11
α -Cadinene	12.17*	1534	[0.17]	10.73*	1736	[32.12]
α -Agarofuran	12.21	1537	0.36	11.69	1818	0.34
1-nor-Bourbonanone	12.49	1559	0.06	13.35	1968	0.02
Geranyl butyrate	12.53	1562	1.04	12.08	1853	1.03
Spathulenol	12.64	1570	0.24	14.31*	2060	1.30
Caryophyllene oxide	12.69	1575	0.22	12.67	1906	0.25
Globulol	12.72	1577	0.10	13.81	2012	0.07
Phenylethyl tiglate	12.77	1581	0.81	14.94	2121	0.83
Viridiflorol	12.81	1584	0.07	13.90	2020	0.07
Geranyl 2-methylbutyrate?	13.02	1600	0.13	12.13*	1857	0.17
Geranyl isovalerate	13.06	1604	0.09	12.13*	1857	[0.17]
10-epi-Cubenol	13.14	1610	0.19	13.61	1993	0.19
10-epi- γ -Eudesmol	13.17	1613	4.40	14.04	2034	4.33
1-epi-Cubenol	13.28	1622	0.16	13.68*	1999	0.30
Unknown [m/z 147, 162 (79), 43 (64), 59 (64), 95 (47), 91 (44), 105 (43)... 238 (13)]	13.32	1625	0.22	15.20*	2147	0.24
γ -Eudesmol	13.37	1629	0.20	14.83	2110	0.22
Citronellyl valerate?	13.40	1632	0.09	12.19	1862	0.05
τ -Muurolol	13.47*	1637	0.63	15.01	2128	0.02
Agarospinol?	13.47*	1637	[0.63]	15.10	2138	0.07
Jinkoh-eremol	13.47*	1637	[0.63]	15.06*	2134	0.13
Cubenol	13.47*	1637	[0.63]	13.58	1990	0.13
β -Eudesmol	13.52	1642	0.29	15.30	2158	0.25
α -Eudesmol	13.57	1646	0.29	15.26*	2154	0.26
Valerianol	13.62	1650	0.07	15.26*	2154	[0.26]
<i>cis</i> -Calamenen-10-ol	13.66	1653	0.02	16.35	2266	0.04
Geranyl valerate	13.71	1658	0.20	13.13	1948	0.16
Citronellyl tiglate	13.82	1666	0.34	13.27	1961	0.35
Citronellyl 4-methylvalerate	14.06	1686	0.11			
3 β ,4 β -Oxidoagarofuran?	14.17	1696	0.04	15.96	2226	0.08
Geranyl tiglate	14.24	1701	1.01	14.31*	2060	[1.30]
Geranyl 4-methylvalerate?	14.44	1718	0.17	13.68*	1999	[0.30]
Citronellyl caproate	14.47	1721	0.05	13.18	1953	0.05

Geranyl caproate	14.86	1755	0.12	14.21	2050	0.09
Citronellyl heptanoate	15.58	1818	0.07			
Phytone	15.89	1846	0.03	14.64	2091	0.03
Geranyl heptanoate	15.96	1852	0.11	15.15	2143	0.11
Unknown [m/z 69, 81 (44), 41 (28), 95 (26), 93 (26), 71 (24)...]	16.61	1912	0.03	15.06*	2134	[0.13]
Citronellyl caprylate	16.65	1916	0.04	15.20*	2147	[0.24]
Geranyl caprylate	17.01	1950	0.05			
Total identified		96.51%			94.76%	
Total reported		97.01%			95.33%	

*: 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
R.T.: Retention time (minutes)
R.I.: Retention index