

Date : March 31, 2022

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 22C16-MSR04

Customer identification : Coin Tranquille

Type : Essential oil

Source : Blend of oils

Customer : Essence et Sérénité

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 : Sylvain Mercier, M. Sc., Chimiste 2014-005

Analysis date : March 17, 2022

Checked and approved by :

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

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This report is an update from the original version issued on March 30, 2022, to correct the customer's name.

PYHSICOCHEMICAL DATA

Physical aspect: Faintly yellow liquid

Refractive index: 1.5004 ± 0.0003 (20 °C; method PC-MAT-016)

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method. Characteristic compounds confirm the presence of essential oils of Lavandula (lavandulol, lavandulyl acetate), Cananga odorata (3-methyl-3-butenyl acetate, prenyl acetate) and Salvia sclarea (linalyl acetate, sclareol). Eudesmols and valerenol could further indicate the presence of Amyris balsamifera oil in this blend.

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
Methyl hexyl ether	0.01	Aliphatic ether
(3Z)-Hexenol	0.01	Aliphatic alcohol
(2E)-Hexenol	tr	Aliphatic alcohol
Hexanol	0.01	Aliphatic alcohol
3-Acetyl-3-methylcyclopentene	0.01	Aliphatic ketone
3-Methyl-3-butenoyl acetate	0.01	Aliphatic ester
α-Thujene	0.01	Monoterpene
Prenyl acetate	0.02	Aliphatic ester
α-Pinene	0.15	Monoterpene
Camphepane	0.02	Monoterpene
Sabinene	0.01	Monoterpene
β-Pinene	0.05	Monoterpene
Geranic oxide	0.01	Monoterpenic ether
Octan-3-one	0.08	Aliphatic ketone
6-Methyl-5-hepten-2-one	0.02	Aliphatic ketone
Myrcene	0.14	Monoterpene
α-Phellandrene	tr	Monoterpene
Butyl butyrate	0.01	Aliphatic ester
Octan-3-ol	0.02	Aliphatic alcohol
Δ3-Carene	0.02	Monoterpene
(3Z)-Hexenyl acetate	0.01	Aliphatic ester
α-Terpinene	0.01	Monoterpene
Hexyl acetate	0.06	Aliphatic ester
para-Methylanisole	0.49	Simple phenolic
para-Cymene	0.03	Monoterpene
1,8-Cineole	0.15	Monoterpenic ether
Limonene	0.08	Monoterpene
(Z)-β-Ocimene	0.31	Monoterpene
Benzyl alcohol	0.10	Simple phenolic
(E)-β-Ocimene	0.17	Monoterpene
γ-Terpinene	0.01	Monoterpene
cis-Sabinene hydrate	tr	Monoterpenic alcohol
cis-Linalool oxide (fur.)	0.02	Monoterpenic alcohol
trans-Linalool oxide (fur.)	0.02	Monoterpenic alcohol
Terpinolene	0.01	Monoterpene
Methyl benzoate	0.25	Phenolic ester
para-Cresol	0.04	Simple phenolic
trans-Sabinene hydrate	0.02	Monoterpenic alcohol
Linalool	5.49	Monoterpenic alcohol
(3E)-2,7-Dimethyl-3,6-octadien-2-ol	0.05	Monoterpenic alcohol
Octen-3-yl acetate	0.06	Aliphatic ester
Octan-3-yl acetate	0.01	Aliphatic ester
allo-Ocimene	0.01	Monoterpene
Camphor	0.03	Monoterpenic ketone

Nerol oxide	0.01	Aliphatic ether
Unknown	0.01	Phenylpropanoid
Benzyl acetate	0.45	Phenolic ester
Ethyl benzoate	0.02	Phenolic ester
Lavandulol	0.09	Monoterpene alcohol
Terpinen-4-ol	0.30	Monoterpene alcohol
Cryptone	0.02	Normonoterpene ketone
para-Cymen-8-ol	0.01	Monoterpene alcohol
α -Terpineol	0.28	Monoterpene alcohol
Hexyl butyrate	0.06	Aliphatic ester
(3Z,5E)-2,6-Dimethylocta-3,5,7-trien-2-ol?	0.01	Monoterpene alcohol
(3E,5E)-2,6-Dimethylocta-3,5,7-trien-2-ol	0.01	Monoterpene alcohol
Linalyl formate	0.03	Monoterpene ester
Bornyl formate	0.01	Monoterpene ester
Nerol	0.07	Monoterpene alcohol
Myrtenyl formate?	0.01	Monoterpene ester
Neral	0.02	Monoterpene aldehyde
Linalyl acetate	7.11	Monoterpene ester
Geraniol	0.68	Monoterpene alcohol
Geranal	0.03	Monoterpene aldehyde
(E)-Anethole	0.03	Phenylpropanoid
Lavandulyl acetate	0.24	Monoterpene ester
1-Nitro-2-phenylethane	0.04	Simple phenolic
Geranyl formate	0.01	Monoterpene ester
Bicycloelemene analog	0.05	Sesquiterpene
Unknown	0.01	Sesquiterpene
Bicycloax-4(15)-ene	0.03	Sesquiterpene
Bicycloelemene	0.07	Sesquiterpene
Hodiendiol derivative	0.01	Oxygenated monoterpene
α -Cubebene	0.22	Sesquiterpene
Eugenol	0.27	Phenylpropanoid
α -Ylangene	0.15	Sesquiterpene
Neryl acetate	0.09	Monoterpene ester
α -Copaene	1.22	Sesquiterpene
β -Bourbonene	0.04	Sesquiterpene
Geranyl acetate	3.80	Monoterpene ester
β -Cubebene	0.16	Sesquiterpene
β -Elemene	0.03	Sesquiterpene
α -Gurjunene	0.01	Sesquiterpene
Methyleugenol	0.03	Phenylpropanoid
β -Caryophyllene	13.52	Sesquiterpene
α -Santalene	0.03	Sesquiterpene
Opposita-4(15),11-diene	0.10	Sesquiterpene
β -Copaene	0.39	Sesquiterpene
Aromadendrene	0.06	Sesquiterpene
trans- α -Bergamotene	0.03	Sesquiterpene
α -Humulene	3.45	Sesquiterpene
(E)-Cinnamyl acetate	0.37	Phenylpropanoid ester
Unknown	0.12	Sesquiterpene
(E)-Isoeugenol	0.08	Phenylpropanoid
cis-Muurola-4(15),5-diene	0.20	Sesquiterpene
(E)- β -Farnesene	0.31	Sesquiterpene

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<i>trans</i> -Cadina-1(6),4-diene	0.21	Sesquiterpene
Germacrene D	17.39	Sesquiterpene
γ -Muurolene	2.29	Sesquiterpene
<i>trans</i> -Muurola-4(15),5-diene	0.23	Sesquiterpene
γ -Amorphene	0.18	Sesquiterpene
Bicyclogermacrene	0.36	Sesquiterpene
α -Selinene	0.74	Sesquiterpene
Prenyl benzoate	tr	Phenolic ester
α -Muurolene	0.99	Sesquiterpene
(3Z,6E)- α -Farnesene	0.05	Sesquiterpene
δ -Amorphene	0.17	Sesquiterpene
Unknown	1.95	Sesquiterpene
γ -Cadinene	0.89	Sesquiterpene
(3E,6E)- α -Farnesene	6.59	Sesquiterpene
Cubebol	0.06	Sesquiterpenic alcohol
Zonarene	0.22	Sesquiterpene
δ -Cadinene	3.34	Sesquiterpene
<i>trans</i> -Calamenene	0.27	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.20	Sesquiterpene
α -Cadinene	0.31	Sesquiterpene
Unknown	0.07	Sesquiterpene
<i>cis</i> -Dracunculifoliol	0.02	Sesquiterpenic alcohol
α -Elemol	0.15	Sesquiterpenic alcohol
Unknown	0.02	Oxygenated sesquiterpene
(E)-Nerolidol	0.11	Sesquiterpenic alcohol
Unknown	0.10	Unknown
Caryophyllene oxide isomer	0.14	Sesquiterpenic ether
Caryophyllene oxide	0.24	Sesquiterpenic ether
Spathulenol	0.20	Sesquiterpenic alcohol
Globulol	0.11	Sesquiterpenic alcohol
<i>trans</i> -Dracunculifoliol	0.08	Sesquiterpenic alcohol
Unknown	0.03	Sesquiterpenic alcohol
Unknown	0.03	Oxygenated sesquiterpene
Viridiflorol	0.11	Sesquiterpenic alcohol
Guaiol	0.14	Sesquiterpenic alcohol
Humulene epoxide II	0.08	Sesquiterpenic ether
Junenol	0.34	Sesquiterpenic alcohol
10-epi-Cubenol	0.20	Sesquiterpenic alcohol
Unknown	0.05	Oxygenated sesquiterpene
1-epi-Cubenol	0.29	Sesquiterpenic alcohol
Unknown	0.47	Unknown
Unknown	0.13	Oxygenated sesquiterpene
τ -Cadinol	0.69	Sesquiterpenic alcohol
Cubenol	0.18	Sesquiterpenic alcohol
τ -Muurolol	0.87	Sesquiterpenic alcohol
α -Muurolol	0.33	Sesquiterpenic alcohol
Valerianol	0.33	Sesquiterpenic alcohol
Unknown	0.26	Sesquiterpenic alcohol
β -Eudesmol	0.32	Sesquiterpenic alcohol
α -Cadinol	1.78	Sesquiterpenic alcohol
α -Eudesmol	0.13	Sesquiterpenic alcohol
(3E,5E)-7-Hydroxyfarnesene	0.20	Sesquiterpenic alcohol

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Unknown	0.18	Oxygenated sesquiterpene
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	0.05	Sesquiterpenic alcohol
(2E,6Z)-Farnesol	0.03	Sesquiterpenic alcohol
(2Z,6E)-Farnesol	0.04	Sesquiterpenic alcohol
(2E,6E)-Farnesol	1.77	Sesquiterpenic alcohol
(2E,6E)-Farnesal	0.05	Sesquiterpenic aldehyde
Benzyl benzoate	5.88	Phenolic ester
Unknown	0.04	Unknown
(2E,6E)-Farnesyl acetate	1.67	Sesquiterpenic ester
Unknown	0.02	Oxygenated sesquiterpene
Benzyl salicylate	1.66	Phenolic ester
Unknown	0.06	Unknown
Unknown	0.03	Unknown
Unknown	0.04	Unknown
Geranyl benzoate	0.13	Phenolic ester
(E)-Cinnamyl benzoate	0.02	Phenylpropanoid ester
Sclareol	0.03	Diterpenic alcohol
Benzaldehyde	0.01	Simple phenolic
Consolidated total	98.78%	

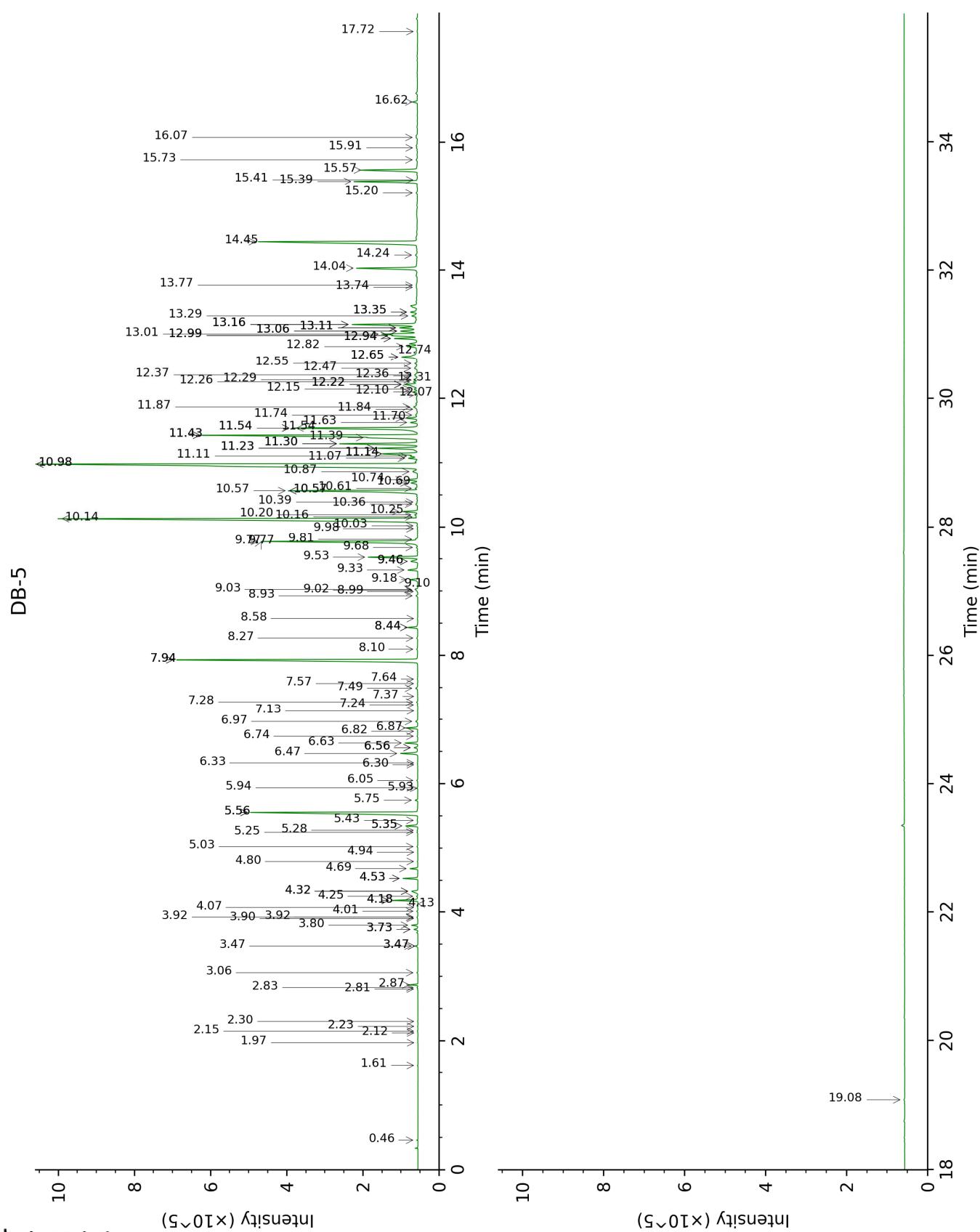
tr: The compound has been detected below 0.005% of total signal.

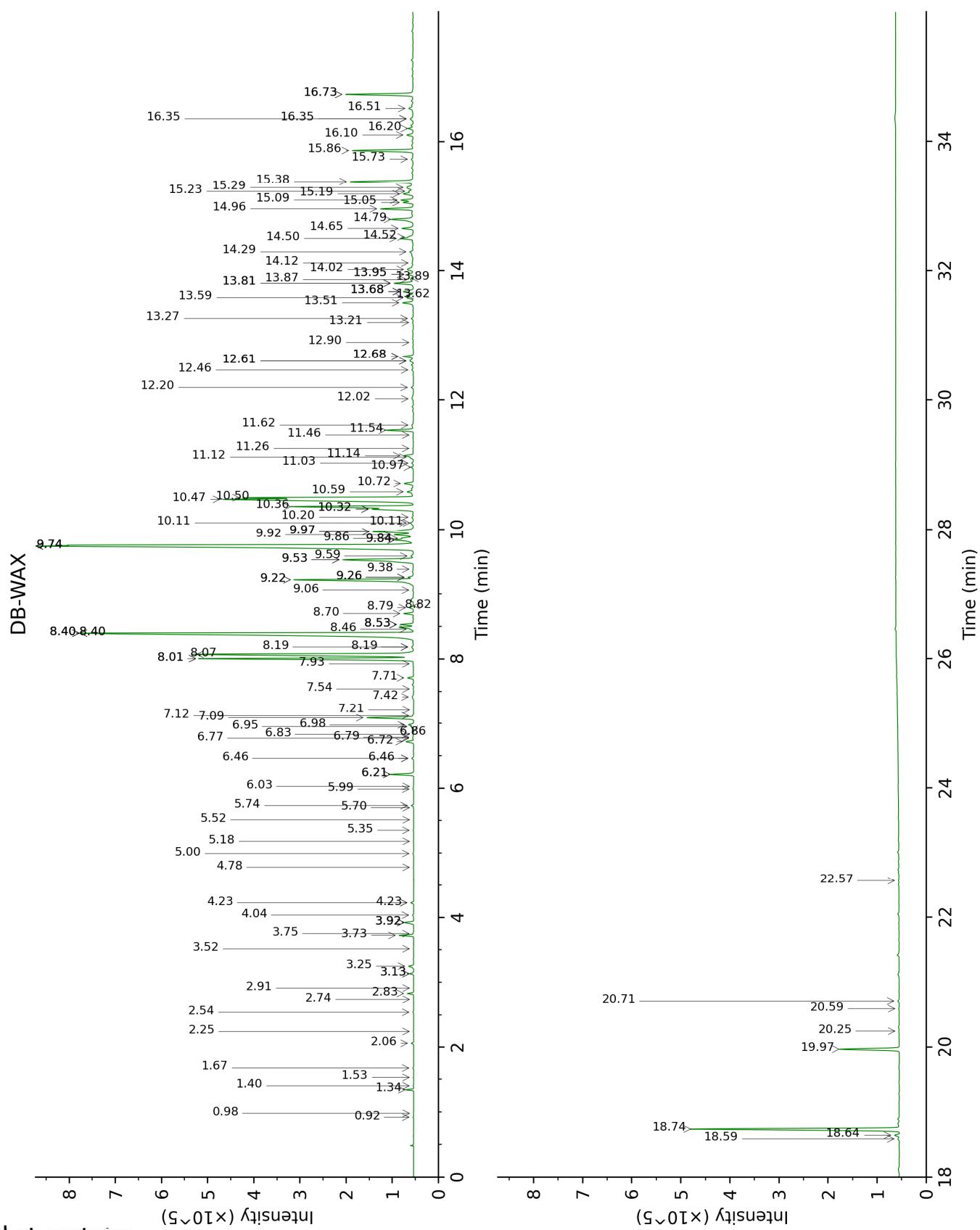
Note: no correction factor was applied

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.

This page was intentionally left blank. The following pages present the complete data of the analysis.





FULL ANALYSIS DATA

Identification	Column DB-5			Column DB-WAX		
	R.T	R.I	%	R.T	R.I	%
2-Methyl-3-buten-2-ol	0.46	605	0.01	1.53	1013	0.01
Methyl hexyl ether	1.61	826	0.01	0.92	923	0.01
(3Z)-Hexenol	1.97	858	0.01	5.70	1347	0.01
(2E)-Hexenol	2.12	871	tr	6.03	1370	0.01
Hexanol	2.15	874	0.01	5.35	1322	0.02
3-Acetyl-3-methylcyclopentene	2.23	880	0.01	0.98	933	0.01
3-Methyl-3-butenyl acetate	2.30	887	0.01	3.13*	1157	0.09
α-Thujene	2.81	925	0.01	1.40	1000	0.01
Prenyl acetate	2.83	926	0.02	3.92*	1218	0.26
α-Pinene	2.87	929	0.15	1.34	990	0.15
Camphepane	3.06	942	0.02	1.67	1027	0.02
Sabinene	3.47*	970	0.06	2.24	1083	0.01
β-Pinene	3.47*	970	[0.06]	2.06	1065	0.05
Geranic oxide	3.47*	970	[0.06]			
Octan-3-one	3.73*	987	0.10	3.92*	1218	[0.26]
6-Methyl-5-hepten-2-one	3.73*	987	[0.10]	5.00	1298	0.02
Myrcene	3.80	992	0.14	2.83	1133	0.12
α-Phellandrene	3.90†	999	0.03	2.74	1125	tr
Butyl butyrate	3.92*†	1000	[0.03]	3.52	1187	0.01
Octan-3-ol	3.92*†	1000	[0.03]	5.99	1367	0.02
Δ3-Carene	4.01	1006	0.02	2.54	1110	0.02
(3Z)-Hexenyl acetate	4.07	1010	0.01	4.78	1282	0.01
α-Terpinene	4.13	1013	0.01	2.91	1139	tr
Hexyl acetate	4.18*	1017	0.55	4.23*	1240	0.07
para-Methylanisole	4.18*	1017	[0.55]	6.22*	1384	0.55
para-Cymene	4.24	1021	0.03	4.04	1226	0.03
1,8-Cineole	4.32*	1026	0.22	3.25	1166	0.15
Limonene	4.32*	1026	[0.22]	3.13*	1157	[0.09]
(Z)-β-Ocimene	4.53*	1039	0.31	3.72	1203	0.31
Benzyl alcohol	4.53*	1039	[0.31]	11.62	1811	0.10
(E)-β-Ocimene	4.69	1049	0.17	3.92*	1218	[0.26]
γ-Terpinene	4.80	1056	0.01	3.75	1205	0.02
cis-Sabinene hydrate	4.94	1065	tr	6.86	1431	0.01
cis-Linalool oxide (fur.)	5.03	1070	0.02	6.46*	1401	0.06
trans-Linalool oxide (fur.)	5.25†	1084	0.03	6.83	1429	0.02
Terpinolene	5.28†	1086	[0.03]	4.23*	1240	[0.07]
Methyl benzoate	5.35*	1091	0.29	8.53*†	1557	0.71
para-Cresol	5.35*	1091	[0.29]	13.89	2019	0.04
trans-Sabinene hydrate	5.43	1096	0.02	7.93	1510	0.02
Linalool	5.56*	1104	5.54	8.01*†	1517	12.87

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(3E)-2,7-Dimethyl-3,6-octadien-2-ol	5.56*	1104	[5.54]	8.19*	1530	0.08
Octen-3-yl acetate	5.75	1116	0.06	5.74	1349	0.06
Octan-3-yl acetate	5.93	1128	0.01	5.18	1310	0.01
allo-Ocimene	5.94	1129	0.01	5.52	1333	0.01
Camphor	6.05	1136	0.03	7.12	1450	0.02
Nerol oxide	6.30	1152	0.01	6.78	1425	0.02
Unknown [m/z 133, 77 (86), 105 (75), 79 (68), 134 (48)]	6.33	1154	0.01	12.60*	1900	0.15
Benzyl acetate	6.47	1163	0.45	9.92	1668	0.55
Ethyl benzoate	6.56*	1169	0.11	9.26*†	1614	[3.85]
Lavandulol	6.56*	1169	[0.11]	9.59	1641	0.09
Terpinen-4-ol	6.63	1173	0.30	8.53*†	1557	[0.71]
Cryptone	6.74	1180	0.02	9.06	1598	0.03
para-Cymen-8-ol	6.82	1185	0.01	11.46	1798	0.01
α-Terpineol	6.87	1188	0.28	9.74*	1653	18.09
Hexyl butyrate	6.97	1195	0.06	6.22*	1384	[0.55]
(3Z,5E)-2,6-Dimethylocta-3,5,7-trien-2-ol?	7.14	1206	0.01	11.12	1769	0.08
(3E,5E)-2,6-Dimethylocta-3,5,7-trien-2-ol	7.24	1212	0.01	11.26	1780	0.02
Linalyl formate	7.28	1215	0.03	8.40*	1547	14.00
Bornyl formate	7.37	1221	0.01	8.01*†	1517	[12.87]
Nerol	7.49	1230	0.07	10.97	1755	0.06
Myrtenyl formate?	7.57	1234	0.01	8.82	1580	0.02
Neral	7.64	1239	0.02	9.38	1624	0.02
Linalyl acetate	7.94*	1259	7.79	8.08†	1522	[12.87]
Geraniol	7.94*	1259	[7.79]	11.54	1804	0.68
Geranal	8.10	1270	0.03	10.11*	1683	0.14
(E)-Anethole	8.27	1282	0.03	11.03	1761	0.04
Lavandulyl acetate	8.44*	1293	0.26	8.70	1570	0.24
1-Nitro-2-phenylethane	8.44*	1293	[0.26]	14.12	2042	0.04
Geranyl formate	8.58	1302	0.01	9.86†	1663	[0.91]
Bicycloelemene analog	8.93	1327	0.05	6.77	1424	0.03
Unknown [m/z 81, 79 (45), 91 (40), 67 (40), 69 939), 93 (39)... 204? (6)]	9.00	1332	0.01			
Bicycloax-4(15)-ene	9.02	1333	0.03	6.46*	1401	[0.06]
Bicycloelemene	9.03	1334	0.07	6.95	1438	0.06
Hodiendiol derivative	9.10	1339	0.01	12.90	1926	0.02
α-Cubebene	9.18	1345	0.22	6.72	1420	0.21
Eugenol	9.33	1355	0.27	14.65	2094	0.31
α-Ylangene	9.46*	1365	0.24	6.98	1440	0.15
Neryl acetate	9.46*	1365	[0.24]	10.11*	1683	[0.14]
α-Copaene	9.53	1370	1.22	7.09	1448	1.20

β -Bourbonene	9.68	1380	0.04	7.42	1472	0.06
Geranyl acetate	9.77*†	1387	4.62	10.50†	1715	[10.39]
β -Cubebene	9.77*†	1387	[4.62]	7.71	1494	0.16
β -Elemene	9.81†	1389	[4.62]	8.40*	1547	[14.00]
α -Gurjunene	9.98	1401	0.01	7.54	1481	0.01
Methyleugenol	10.03	1405	0.03	13.20	1955	0.04
β -Caryophyllene	10.14	1413	13.52	8.40*	1547	[14.00]
α -Santalene	10.16	1415	0.03	8.19*	1530	[0.08]
Opposita-4(15),11-diene	10.20	1418	0.10	8.46	1552	0.05
β -Copaene	10.25	1421	0.39	8.40*	1547	[14.00]
Aromadendrene	10.36	1430	0.06	8.53*†	1557	[0.71]
<i>trans</i> - α -Bergamotene	10.39	1432	0.03	8.40*	1547	[14.00]
α -Humulene	10.57*†	1445	4.02	9.22*†	1611	3.85
(E)-Cinnamyl acetate	10.57*†	1445	[4.02]	14.50	2079	0.37
Unknown [m/z 161, 105 (70), 91 (51), 133 (50), 204 (45), 119 (37)...]	10.57*†	1445	[4.02]	8.79	1578	0.12
(E)-Isoeugenol	10.61†	1448	[4.02]	16.35*	2268	0.12
<i>cis</i> -Muurola-4(15),5-diene	10.69	1454	0.20	9.26*†	1614	[3.85]
(E)- β -Farnesene	10.74	1458	0.31	9.53*	1636	2.60
<i>trans</i> -Cadina-1(6),4-diene	10.87	1468	0.21	9.22*†	1611	[3.85]
Germacrene D	10.98*	1476	18.11	9.74*	1653	[18.09]
γ -Muurolene	10.98*	1476	[18.11]	9.53*	1636	[2.60]
<i>trans</i> -Muurola-4(15),5-diene	11.08	1483	0.23	9.74*	1653	[18.09]
γ -Amorphene	11.11	1486	0.18	9.74*	1653	[18.09]
Bicyclogermacrene	11.14*	1488	1.07	9.97*	1672	1.35
α -Selinene	11.14*	1488	[1.07]	9.84*†	1661	0.91
Prenyl benzoate	11.14*	1488	[1.07]	13.68*	2000	0.37
α -Muurolene	11.23*	1495	1.04	9.97*	1672	[1.35]
(3Z,6E)- α -Farnesene	11.23*	1495	[1.04]	10.20	1690	0.05
δ -Amorphene	11.30*	1500	2.12	9.84*†	1661	[0.91]
Unknown [m/z 119, 41 (95), 123 (53), 80 (49), 161 (44), 105 (42)... 204 (2)]	11.30*	1500	[2.12]			
γ -Cadinene	11.40†	1507	7.54	10.32*	1700	1.12
(3E,6E)- α -Farnesene	11.43*†	1510	[7.54]	10.47†	1713	10.39
Cubebol	11.43*†	1510	[7.54]	12.46	1887	0.06
Zonarene	11.54*	1519	3.83	10.32*	1700	[1.12]
δ -Cadinene	11.54*	1519	[3.83]	10.36	1704	3.34
<i>trans</i> -Calamenene	11.54*	1519	[3.83]	11.14	1770	0.27
<i>trans</i> -Cadina-1,4-diene	11.63	1526	0.20	10.59	1723	0.24
α -Cadinene	11.70	1531	0.31	10.72	1734	0.28
Unknown [m/z 159, 202 (58), 157 (23),	11.74	1535	0.07			

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131 (20), 129 (16), 160 (15)]						
<i>cis</i> -Dracunculifoliol	11.84	1542	0.02	12.02	1847	0.09
α -Elemol	11.87	1544	0.15	13.95*	2025	0.18
Unknown [m/z 109, 69 (60), 43 (46), 93 (29), 41 (26), 55 (23), 111 (20)…]	12.07	1560	0.02	12.68*	1906	0.33
(E)-Nerolidol	12.10	1563	0.11	13.68*	2000	[0.37]
Unknown [m/z 105, 82 (79), 67 (67), 77 (48), 41 (16)… 220? (10)]	12.15	1566	0.10			
Caryophyllene oxide isomer	12.22*	1572	0.53	12.60*	1900	[0.15]
Caryophyllene oxide	12.22*	1572	[0.53]	12.68*	1906	[0.33]
Spathulenol	12.22*	1572	[0.53]	14.29	2059	0.20
Globulol	12.26	1575	0.11	13.81*	2012	0.58
<i>trans</i> - Dracunculifoliol	12.29	1578	0.08	12.68*	1906	[0.33]
Unknown cadinol or muurolol analog [m/z 161, 119 (77), 120 (76), 105 (73), 93 (57)… 204 (36)]	12.31	1579	0.03	12.20	1863	0.06
Unknown [m/z 161, 105 (84), 43 (80), 119 (72), 93 (62), 121 (54)… 204 (38), 222 (2)]	12.36	1583	0.03	13.87	2017	0.09
Viridiflorol	12.37	1584	0.11	13.95*	2025	[0.18]
Guaiol	12.47	1592	0.14	14.02	2033	0.27
Humulene epoxide II	12.55	1598	0.08	13.27	1961	0.06
Junenol	12.65*	1606	0.61	13.51	1984	0.34
10-epi-Cubenol	12.65*	1606	[0.61]	13.62	1994	0.20
Unknown [m/z 179, 161 (66), 119 (44), 95 (38), 105 (35)… 204 (24), 222 (1)]	12.74	1613	0.05	14.52	2081	0.10
1-epi-Cubenol	12.82	1620	0.29	13.68*	2000	[0.37]
Unknown [m/z 43, 93 (89), 91 (88), 79 (87), 123 (76), 81 (75)…]	12.94*	1630	0.61	13.81*	2012	[0.58]
Unknown [m/z 161, 119 (63), 105 (52), 179 (52), 107 (51), 82 (51), 95 (50), 81 (41)… 204 (35), 220 (6)]	12.94*	1630	[0.61]	16.20	2253	0.13
<i>t</i> -Cadinol	12.99*†	1634	1.57	14.79	2108	0.69

Cubenol	12.99*†	1634	[1.57]	13.59	1991	0.18
τ-Muurolol	13.01†	1636	[1.57]	14.96	2124	0.87
α-Muurolol	13.06*	1640	0.56	15.09	2138	0.33
Valerenanol	13.06*	1640	[0.56]	15.19	2148	0.33
Unknown cadinol analog II [m/z 95, 121 (73), 43 (57), 79 (43), 161 (43), 109 (40)... 204 (35), 222 (2)]	13.11*	1644	0.54	15.05	2134	0.26
β-Eudesmol	13.11*	1644	[0.54]	15.29	2158	0.32
α-Cadinol	13.16*	1648	1.86	15.38	2167	1.78
α-Eudesmol	13.16*	1648	[1.86]	15.23	2152	0.13
(3E,5E)-7-Hydroxyfarnesene	13.29	1659	0.20			
Unknown [m/z 123, 95 (31), 81 (29), 105 (27)... 222 (5)]	13.35*	1664	0.23	16.10	2242	0.18
(3Z)-Caryophylla-3,8(13)-dien-5β-ol	13.35*	1664	[0.23]	16.73*	2308	1.81
(2E,6Z)-Farnesol	13.74	1696	0.03	16.35*	2268	[0.12]
(2Z,6E)-Farnesol	13.77	1699	0.04	16.51	2285	0.16
(2E,6E)-Farnesol	14.04	1722	1.77	16.73*	2308	[1.81]
(2E,6E)-Farnesal	14.24	1739	0.05	15.73	2203	0.05
Benzyl benzoate	14.45	1757	5.88	18.74	2534	5.76
Unknown [m/z 123, 191 (88), 81 (86), 41 (86), 151 (80), 91 (76)...]	15.20	1824	0.04	18.59	2516	0.05
(2E,6E)-Farnesyl acetate	15.39	1841	1.67	15.86	2217	1.64
Unknown [m/z 43, 107 (97), 81 (83), 121 (77), 123 (74), 93 (73)... 220 (26)...]	15.41	1843	0.02	20.25	2716	0.01
Benzyl salicylate	15.57	1857	1.66	19.97	2682	1.60
Unknown [m/z 91, 93 (98), 81 (92), 41 (92), 105 (86), 107 (86)...]	15.73	1872	0.06	20.71	2775	0.04
Unknown [m/z 123, 81 (96), 41 (74), 43 (64), 91 (62), 95 (57)...]	15.91	1888	0.03	20.59	2760	0.02
Unknown [m/z 123, 81 (47), 43 (35), 91 (30), 41 (27), 79 (24)...]	16.07	1903	0.04			
Geranyl benzoate	16.62	1956	0.13	18.64	2523	0.13
(E)-Cinnamyl benzoate	17.72	2062	0.02			
Sclareol	19.08	2202	0.03	22.57	3020	0.02

Benzaldehyde		7.21	1457	0.01
Total identified	96.85%		95.97%	
Total reported	97.36%		97.03%	

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken into account in the consolidated total

t: 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