

Date : 2025-01-08

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 24L13-PTH04

Customer Identification : Davana - India - D80107R

Type : Essential Oil

Source : *Artemisia pallens*

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 : 2024-12-20

PHYSICOCHEMICAL DATA

Refractive index : 1.4877 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2024-12-16

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
Unknown	0.02	Unknown
Prenal	0.01	Aliphatic aldehyde
Ethyl 2-methylbutyrate	0.13	Aliphatic ester
Ethyl isovalerate	0.09	Aliphatic ester
Propyl isobutyrate	0.01	Aliphatic ester
(<i>cis</i> ?) -5-Ethyl-2-methyl-2-vinyltetrahydrofuran	0.01	Furan
(<i>trans</i> ?) -5-Ethyl-2-methyl-2-vinyltetrahydrofuran	0.07	Furan
(<i>trans</i> ?) -2,5-Divinyl-2-methyltetrahydrofuran	0.06	Furan
α -Pinene	0.01	Monoterpene
Unknown	0.38	Furan
5,5-Dimethyl-2(5H)-furanone	0.25	Aliphatic lactone
Propyl 2-methylbutyrate	0.23	Aliphatic ester
Propyl isovalerate	0.17	Aliphatic ester
Benzaldehyde	0.07	Simple phenolic
Unknown	0.02	Furan
Sabinene	0.01	Monoterpene
β -Pinene	0.01	Monoterpene
6-Methyl-5-hepten-2-one	0.02	Aliphatic ketone
<i>trans</i> -Dehydroxylinalool oxide	0.01	Monoterpenic ether
Myrcene	0.01	Monoterpene
2-Pentylfuran	0.02	Furan
Unknown	0.02	Furan
Octanal	0.01	Aliphatic aldehyde
Isobutyl 2-methylbutyrate	0.04	Aliphatic ester
<i>cis</i> -Dehydroxylinalool oxide	tr	Monoterpenic ether
Isobutyl isovalerate	0.02	Aliphatic ester
α -Terpinene	0.03	Monoterpene
2-Methylbutyl isobutyrate	tr	Aliphatic ester
Unknown	0.25	Furan
<i>para</i> -Cymene	0.21	Monoterpene
Limonene	0.02	Monoterpene
1,8-Cineole	0.03	Monoterpenic ether
Lavender lactone	0.15	Aliphatic lactone
(<i>Z</i>)- β -Ocimene	0.01	Monoterpene
<i>cis</i> -Arbusculone	0.15	Furan
(<i>E</i>)- β -Ocimene	0.02	Monoterpene
γ -Terpinene	0.07	Monoterpene
<i>cis</i> -Arbusculol	0.04	Furan
<i>cis</i> -Sabinene hydrate	0.11	Monoterpenic alcohol

<i>trans</i> -Arbusculone	0.09	Furan
<i>trans</i> -Arbusculol	0.04	Furan
Terpinolene	0.02	Monoterpene
<i>trans</i> -Sabinene hydrate	0.03	Monoterpenic alcohol
Linalool	0.58	Monoterpenic alcohol
2-Methylbutyl 2-methylbutyrate	0.23	Aliphatic ester
Nonanal	0.02	Aliphatic aldehyde
Hotrienol	0.01	Monoterpenic alcohol
2-Methylbutyl isovalerate	0.10	Aliphatic ester
3-Methyl-3-butenyl 2-methylbutyrate	0.02	Aliphatic ester
3-Methyl-3-butenyl isovalerate	tr	Aliphatic ester
<i>cis-para</i> -Menth-2-en-1-ol	0.04	Monoterpenic alcohol
<i>trans-para</i> -Menth-2-en-1-ol	0.02	Monoterpenic alcohol
Prenyl 2-methylbutyrate	0.03	Aliphatic ester
Prenyl isovalerate	0.03	Aliphatic ester
Nerol oxide	0.01	Aliphatic ether
Terpinen-4-ol	0.28	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.02	Monoterpenic alcohol
α -Terpineol	0.02	Monoterpenic alcohol
<i>cis</i> -Piperitol	0.02	Monoterpenic alcohol
Ethyl octanoate	0.01	Aliphatic ester
<i>trans</i> -Piperitol	0.05	Monoterpenic alcohol
<i>cis</i> -nor-Davanone?	0.02	Furan
nor-Davanone	0.19	Furan
(3 <i>Z</i>)-Hexenyl 2-methylbutyrate	0.03	Aliphatic ester
(3 <i>Z</i>)-Hexenyl isovalerate	0.05	Aliphatic ester
Neral	0.05	Monoterpenic aldehyde
Geraniol	0.02	Monoterpenic alcohol
Geranial	0.06	Monoterpenic aldehyde
Methyl hydrocinnamate	0.02	Phenylpropanoid ester
Cogeijerene	0.03	Terpene derivative
Methyl (<i>Z</i>)-cinnamate	0.12	Phenylpropanoid ester
Bicycloelemene analog	0.02	Sesquiterpene
Bicycloelemene	0.16	Sesquiterpene
Ethyl hydrocinnamate	0.13	Phenylpropanoid ester
Eugenol	0.10	Phenylpropanoid
Isoledene	0.03	Sesquiterpene
α -Copaene	0.04	Sesquiterpene
Modhephene	0.02	Sesquiterpene
Ethyl (<i>Z</i>)-cinnamate	1.07	Phenylpropanoid ester
Methyl (<i>E</i>)-cinnamate	0.62	Phenylpropanoid ester
1,5-diepi- β -Bourbonene	0.02	Sesquiterpene
<i>cis</i> - β -Elemene	0.01	Sesquiterpene
β -Cubebene	0.02	Sesquiterpene
Geranyl acetate	0.85	Monoterpenic ester

β-Elemene	0.36	Sesquiterpene
Benzyl isovalerate	0.06	Phenolic ester
<i>trans</i> -erythro-Davanafuran?	0.07	Furan
<i>cis</i> -erythro-Davanafuran?	0.05	Furan
α-Gurjunene	0.06	Sesquiterpene
<i>trans</i> -threo-Davanafuran?	0.04	Furan
β-Maaliene	0.03	Sesquiterpene
β-Caryophyllene	0.14	Sesquiterpene
<i>cis</i> -threo-Davanafuran	0.33	Furan
β-Copaene	0.06	Sesquiterpene
α-Maaliene	0.04	Sesquiterpene
Aromadendrene	0.22	Sesquiterpene
Selina-5,11-diene	0.04	Sesquiterpene
α-Humulene	0.17	Sesquiterpene
allo-Aromadendrene	0.52	Sesquiterpene
Unknown	0.24	Unknown
Ethyl (<i>E</i>)-cinnamate	3.77	Phenylpropanoid ester
Selina-4,11-diene	0.09	Sesquiterpene
γ-Murolene	0.16	Sesquiterpene
Germacrene D	0.38	Sesquiterpene
β-Selinene	1.33	Sesquiterpene
Davana ether isomer I	0.87	Sesquiterpenic ether
Viridiflorene	0.30	Sesquiterpene
α-Selinene	0.06	Sesquiterpene
Bicyclogermacrene	6.39	Sesquiterpene
α-Murolene	0.11	Sesquiterpene
γ-Cadinene	0.38	Sesquiterpene
Davana ether isomer II	1.81	Sesquiterpenic ether
Davana ether isomer III	0.71	Sesquiterpenic ether
Artedouglasia oxide C	0.25	Sesquiterpenic ketone
δ-Cadinene	0.21	Sesquiterpene
Laciniata furanone G?	0.06	Sesquiterpenic ketone
Laciniata furanone F?	0.05	Sesquiterpenic ketone
Artedouglasia oxide A	0.31	Sesquiterpenic ketone
Davana ether isomer IV	0.79	Sesquiterpenic ether
α-Calacorene	0.05	Sesquiterpene
Laciniata furanone <i>E</i> ?	0.08	Sesquiterpenic ketone
Laciniata furanone H	0.14	Sesquiterpenic ketone
Davanone A	0.49	Sesquiterpenic ketone
Artedouglasia oxide D	0.22	Sesquiterpenic ketone
Geranyl butyrate	0.19	Monoterpenic ester
Davanone B	1.06	Sesquiterpenic ketone
(<i>E</i>)-Nerolidol	0.44	Sesquiterpenic alcohol
Davanone C	0.26	Sesquiterpenic ketone
Spathulenol	1.92	Sesquiterpenic alcohol

Artedouglasia oxide B	0.68	Sesquiterpenic ketone
Cubeban-11-ol	0.15	Sesquiterpenic alcohol
Davanone D	47.09	Sesquiterpenic ketone
Eudesm-5-en-11-ol	0.62	Sesquiterpenic alcohol
Unknown	0.20	Oxygenated sesquiterpene
Unknown	0.28	Oxygenated sesquiterpene
Davanol D isomer I	0.68	Sesquiterpenic alcohol
Unknown	0.13	Unknown
Isospathulenol	0.76	Sesquiterpenic alcohol
τ -Cadinol	1.17	Sesquiterpenic alcohol
β -Eudesmol	0.54	Sesquiterpenic alcohol
Methyl <i>cis</i> -jasmonate	0.31	Jasmonate
Unknown	0.52	Unknown
5-Hydroxy-6-methyl-2-(5-methyl-5-vinyltetrahydrofuran-2-yl)hepta-4,6-dien-3-one, isomer II	0.27	Sesquiterpenic alcohol
α -Cadinol	0.16	Sesquiterpenic alcohol
Unknown	0.24	Oxygenated sesquiterpene
Unknown	0.16	Oxygenated sesquiterpene
Unknown	0.84	Oxygenated sesquiterpene
Davanyl acetate	0.15	Sesquiterpenic ester
Davanonol isomer III	0.24	Sesquiterpenic alcohol
Davanonol isomer IV	0.21	Sesquiterpenic alcohol
Davanonol isomer	0.15	Sesquiterpenic alcohol
Unknown	0.36	Oxygenated sesquiterpene
β -Davanon-2-ol	1.21	Sesquiterpenic alcohol
Unknown	0.07	Unknown
Phytone	0.13	Terpenic ketone
Nonadecane	0.04	Alkane
Heneicosane	0.08	Alkane
Phytol	0.14	Diterpenic alcohol
Davanonol isomer II	0.03	Sesquiterpenic alcohol
Consolidated total	91.05	

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

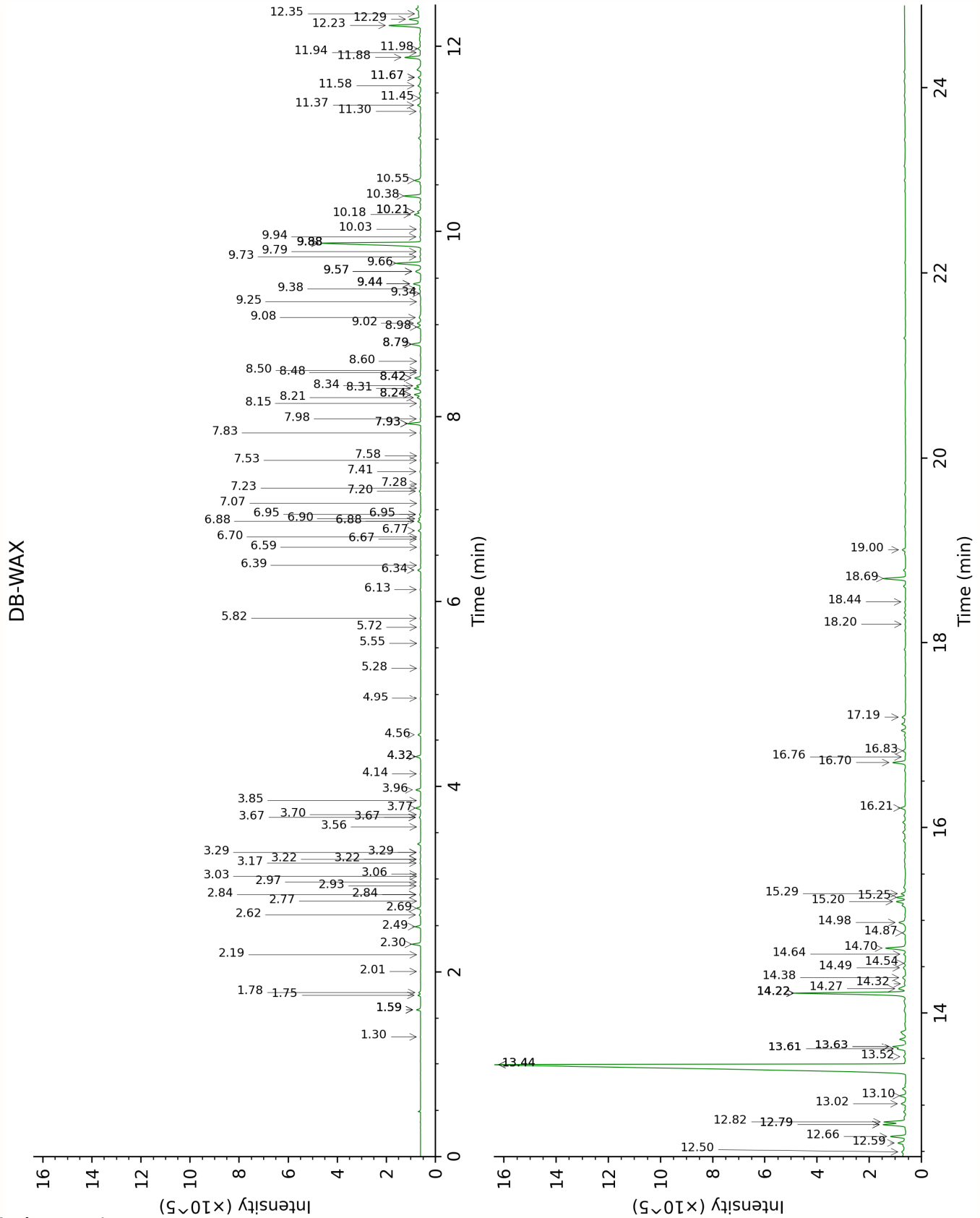
Note: no correction factor was applied

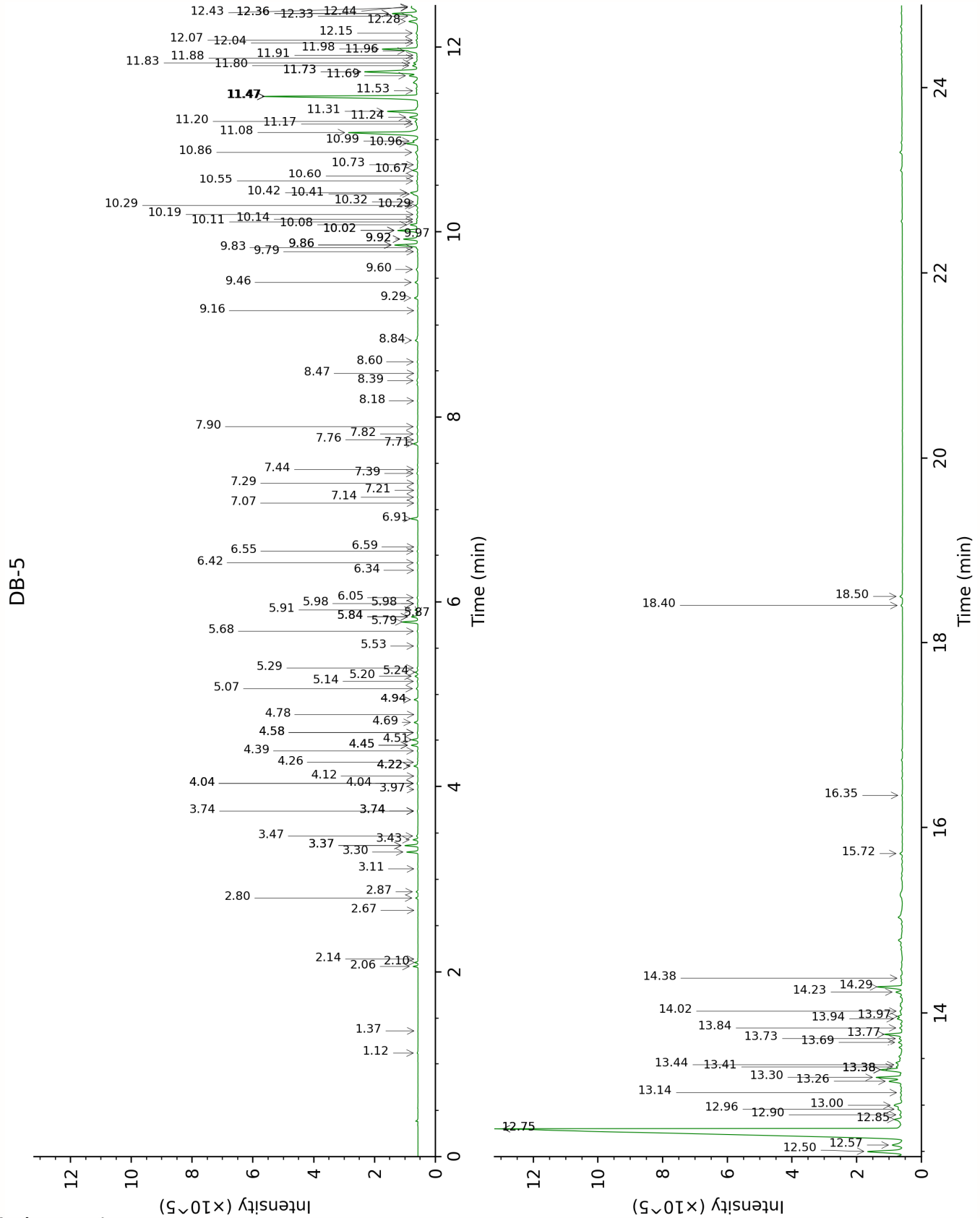
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

Unknown ARPA I	Column DB-WAX			Column DB-5		
[m/z 85, 41 (62), 43 (47), 60 (22)... 95 (t)]	2.97	1149.4	0.02	1.12	748.5	0.02
Prenal	3.03	1154.3	0.01	1.37	783.6	0.01
Ethyl 2-methylbutyrate	1.59*	1022.7	[0.17]	2.06	849.8	0.13
Ethyl isovalerate	1.75	1038.7	0.10	2.10	853.5	0.09
Propyl isobutyrate	1.59*	1022.7	[0.17]	2.14	856.5	0.01
(cis?)-5-Ethyl-2-methyl-2-vinyltetrahydrofuran	1.59*	1022.7	[0.17]	2.67	900.5	0.01
(trans?)-5-Ethyl-2-methyl-2-vinyltetrahydrofuran	1.78	1041.8	0.08	2.80	909.9	0.07
(trans?)-2,5-Divinyl-2-methyltetrahydrofuran	2.62	1121.1	0.06	2.87	914.4	0.06
α -Pinene	1.30	990.3	0.01	3.11	930.8	0.01
Unknown ARPA II [m/z 111, 43 (87), 82 (72), 55 (70), 67 (63), 83 (56), 41 (44)... 125 (17), 140 (5)]	2.30	1095.4	0.40	3.30	942.9	0.38
5,5-Dimethyl-2(5H)-furanone	8.31*†	1547.9	[0.34]	3.37*	947.5	[0.48]
Propyl 2-methylbutyrate	2.49	1111.0	0.23	3.37*	947.5	[0.48]
Propyl isovalerate	2.69	1126.8	0.18	3.43	951.7	0.17
Benzaldehyde	7.20	1463.3	0.07	3.47	954.3	0.07
Unknown ARPA III [m/z 43, 55 (65), 111 (64), 82 (57), 67 (54), 41 (53), 125 (49)... 140 (8)]	2.84*	1138.6	[0.05]	3.74*	972.2	[0.04]
Sabinene	2.19	1083.7	0.01	3.74*	972.2	[0.04]
β -Pinene	2.01	1065.1	0.01	3.74*	972.2	[0.04]
6-Methyl-5-hepten-2-one	4.95	1299.8	0.03	3.97	987.7	0.02
trans-Dehydroxylinalool oxide	3.29*	1175.0	[0.03]	4.04*	992.1	[0.04]
Myrcene	2.76	1133.0	0.01	4.04*	992.1	[0.04]
2-Pentylfuran	3.56	1197.0	0.02	4.04*	992.1	[0.04]
Unknown ARPA IV [m/z 43, 71 (48), 41 (46), 55 (39), 69 (38), 70 (38), 82 (35)... 140 (23)]	3.29*	1175.0	[0.03]	4.12	997.3	0.02
Octanal	4.32*	1253.2	[0.24]	4.22*	1004.4	[0.18]

Isobutyl 2-methylbutyrate	2.93	1146.1	0.04	4.22*	1004.4	[0.18]
<i>cis</i> -Dehydroxylinalool oxide	3.67*	1204.8	[0.07]	4.22*	1004.4	[0.18]
Isobutyl isovalerate	3.18	1165.8	0.03	4.26	1007.0	0.02
α -Terpinene	2.84*	1138.6	[0.05]	4.39	1014.7	0.03
2-Methylbutyl isobutyrate	3.22*	1169.0	[0.03]	4.45*	1018.5	[0.25]
Unknown ARPA VI [m/z 111, 43 (92), 55 (75), 82 (70), 67 (65), 83 (58), 41 (48), 81 (41)... 125 (15), 140 (4)]	3.77	1212.2	0.25	4.45*	1018.5	[0.25]
<i>para</i> -Cymene	3.96	1226.7	0.23	4.51	1022.2	0.21
Limonene	3.06	1156.4	0.02	4.58*	1027.1	[0.05]
1,8-Cineole	3.22*	1169.0	[0.03]	4.58*	1027.1	[0.05]
Lavender lactone	9.02	1603.3	0.19	4.69	1034.0	0.15
(<i>Z</i>)- β -Ocimene	3.70	1206.9	0.02	4.78	1039.3	0.01
<i>cis</i> -Arbusculone	6.34	1399.3	0.15	4.94*	1049.4	[0.15]
(<i>E</i>)- β -Ocimene	3.85	1218.2	0.02	4.94*	1049.4	[0.15]
γ -Terpinene	3.67*	1204.8	[0.07]	5.07	1057.4	0.07
<i>cis</i> -Arbusculol				5.14	1062.3	0.04
<i>cis</i> -Sabinene hydrate	6.77	1431.0	0.12	5.20	1065.8	0.11
<i>trans</i> -Arbusculone	6.88*	1439.1	[0.17]	5.24	1068.5	0.09
<i>trans</i> -Arbusculol	7.07	1453.5	0.01	5.29	1071.3	0.04
Terpinolene	4.14	1239.5	0.02	5.52	1086.2	0.02
<i>trans</i> -Sabinene hydrate	7.83	1510.6	0.03	5.68	1096.3	0.03
Linalool	7.93*	1518.5	[0.60]	5.78	1102.5	0.58
2-Methylbutyl 2-methylbutyrate	4.32*	1253.2	[0.24]	5.84*	1106.1	[0.25]
Nonanal	5.72	1354.8	0.02	5.84*	1106.1	[0.25]
Hotrienol	8.60	1570.7	0.02	5.87	1108.0	0.01
2-Methylbutyl isovalerate	4.56	1270.6	0.13	5.91	1110.8	0.10
3-Methyl-3-butenyl 2-methylbutyrate	5.28	1322.8	0.02	5.98*	1115.1	[0.02]
3-Methyl-3-butenyl isovalerate	5.55	1342.2	tr	5.98*	1115.1	[0.02]
<i>cis-para</i> -Menth-2-en-1-ol	7.98	1522.4	0.03	6.05	1119.2	0.04
<i>trans-para</i> -Menth-2-en-1-ol	8.79*	1585.6	[0.50]	6.34	1138.1	0.02
Prenyl 2-methylbutyrate	5.82	1361.8	0.03	6.42	1143.3	0.03

Prenyl isovalerate	6.13	1384.2	0.04	6.55	1151.3	0.03
Nerol oxide	6.70	1425.9	0.01	6.59	1154.2	0.01
Terpinen-4-ol	8.42*	1556.8	[0.33]	6.91	1174.2	0.28
<i>para</i> -Cymen-8-ol	11.37	1799.0	0.17	7.07	1185.0	0.02
α -Terpineol	9.57*	1648.6	[0.37]	7.14	1189.0	0.02
<i>cis</i> -Piperitol	9.38	1633.3	0.09	7.21	1193.7	0.02
Ethyl octanoate	6.39	1403.2	0.02	7.29	1198.6	0.01
<i>trans</i> -Piperitol	10.22†	1700.9	0.18	7.39	1205.5	0.05
<i>cis</i> -nor-Davanone?	8.48	1561.2	0.03	7.44	1208.4	0.02
nor-Davanone	8.98	1600.0	0.17	7.71	1227.0	0.19
(3 <i>Z</i>)-Hexenyl 2-methylbutyrate	6.90	1441.2	0.10	7.76	1229.8	0.03
(3 <i>Z</i>)-Hexenyl isovalerate	6.95*	1444.6	[0.07]	7.82	1234.0	0.05
Neral	9.34	1629.3	0.09	7.90	1239.3	0.05
Geraniol	11.44	1805.7	0.07	8.18	1258.0	0.02
Geranial	9.94	1678.7	0.06	8.40	1272.6	0.06
Methyl hydrocinnamate	11.30	1793.1	0.06	8.47	1277.8	0.02
Cogejerene	7.93*	1518.5	[0.60]	8.60	1286.1	0.03
Methyl (<i>Z</i>)-cinnamate	12.35	1886.3	0.24	8.84	1302.2	0.12
Bicycloelemene analog	6.59	1417.7	0.03	9.16	1324.7	0.02
Bicycloelemene	6.88*	1439.1	[0.17]	9.29	1334.2	0.16
Ethyl hydrocinnamate	11.67*	1825.5	[0.14]	9.46	1346.1	0.13
Eugenol	14.64	2101.4	0.11	9.60	1355.9	0.10
Isoledene	6.68	1424.2	0.03	9.79	1369.4	0.03
α -Copaene	6.95*	1444.6	[0.07]	9.83	1372.4	0.04
Modhephene	7.28	1469.0	0.02	9.86*	1374.4	[1.03]
Ethyl (<i>Z</i>)-cinnamate	12.82	1929.1	1.07	9.86*	1374.4	[1.03]
Methyl (<i>E</i>)-cinnamate	13.63*	2004.6	[0.72]	9.92*	1378.9	[0.63]
1,5-diepi- β -Bourbonene	7.23	1465.8	0.02	9.92*	1378.9	[0.63]
<i>cis</i> - β -Elemene	8.15	1535.4	0.02	9.97	1382.3	0.01
β -Cubebene	7.58	1491.7	0.02	10.02*	1385.5	[0.87]
Geranyl acetate	10.38	1715.2	0.85	10.02*	1385.5	[0.87]
β -Elemene	8.24*†	1542.8	[0.34]	10.08	1389.7	0.36
Benzyl isovalerate	11.67*	1825.5	[0.14]	10.11	1391.9	0.06
<i>trans</i> -erythro-Davanafuran?	9.79	1665.8	0.05	10.14	1393.9	0.07
<i>cis</i> -erythro-Davanafuran?	9.88*	1673.2	[6.55]	10.19	1397.6	0.05
α -Gurjunene	7.41	1479.1	0.06	10.28*	1404.4	[0.10]
<i>trans</i> -threo-Davanafuran?	10.03	1685.3	0.04	10.28*	1404.4	[0.10]

β-Maaliene	7.53	1488.1	0.03	10.32	1407.3	0.03
β-Caryophyllene	8.24*†	1542.8	[0.34]	10.41	1413.6	0.14
cis-threo-Davanafuran	10.55	1729.3	0.34	10.42	1414.6	0.33
β-Copaene	8.21*†	1540.2	[0.19]	10.55	1424.1	0.06
α-Maaliene	8.42*	1556.8	[0.33]	10.60	1428.1	0.04
Aromadendrene	8.34*†	1550.1	[0.21]	10.67	1433.2	0.22
Selina-5,11-diene	8.50	1563.0	0.01	10.73	1437.7	0.04
α-Humulene	9.08	1608.3	0.12	10.86	1447.6	0.17
allo-Aromadendrene	8.79*	1585.6	[0.50]	10.96	1454.7	0.52
Unknown ARPA VII [m/z 153, 43 (78), 111 (62), 96 (58), 95 (50), 67 (44), 109 (42)...]	11.58	1817.6	0.16	10.99	1456.7	0.24
Ethyl (E)-cinnamate	14.22*	2060.7	[5.90]	11.08	1463.5	3.77
Selina-4,11-diene	9.25	1622.1	0.02	11.17	1470.3	0.09
γ-Muurolene	9.44*	1637.7	[0.46]	11.20	1472.5	0.16
Germacrene D	9.57*	1648.6	[0.37]	11.24	1475.9	0.38
β-Selinene	9.66	1655.7	1.35	11.31	1480.6	1.33
Davana ether isomer I	11.88	1844.6	0.87	11.47*	1492.6	[7.65]
Viridiflorene	9.44*	1637.7	[0.46]	11.47*	1492.6	[7.65]
α-Selinene	9.73	1661.2	0.06	11.47*	1492.6	[7.65]
Bicyclogermacrene	9.88*	1673.2	[6.55]	11.47*	1492.6	[7.65]
α-Muurolene	9.88*	1673.2	[6.55]	11.53	1497.1	0.11
γ-Cadinene	10.18†	1698.3	0.41	11.69	1509.5	0.38
Davana ether isomer II	12.23	1875.2	1.81	11.73*	1512.9	[3.07]
Davana ether isomer III	12.30	1881.1	0.71	11.73*	1512.9	[3.07]
Artedouglasia oxide C	12.79*	1926.4	[1.19]	11.80	1518.0	0.25
δ-Cadinene	10.22†	1700.9	0.18	11.83	1520.3	0.21
Laciniata furanone G?				11.88	1524.5	0.06
Laciniata furanone F?				11.91	1526.9	0.05
Artedouglasia oxide A	13.10	1955.2	0.31	11.96*†	1530.5	[0.30]
Davana ether isomer IV	12.66	1914.5	0.79	11.98*†	1532.1	[1.59]
α-Calacorene	11.94	1849.2	0.04	12.04	1537.3	0.05
Laciniata furanone E?				12.07	1539.7	0.08
Laciniata furanone H				12.15	1545.5	0.14
Davanone A	12.59	1908.1	0.56	12.28	1555.6	0.49
Artedouglasia oxide D	13.61*	2002.3	[0.40]	12.33	1560.0	0.22
Geranyl butyrate	11.98	1853.0	0.19	12.36*	1562.2	[1.25]
Davanone B	12.79*	1926.4	[1.19]	12.36*	1562.2	[1.25]
(E)-Nerolidol	13.61*	2002.3	[0.40]	12.43	1567.3	0.44
Davanone C	13.02	1947.2	0.29	12.44	1568.5	0.26
Spathulenol	14.22*	2060.7	[5.90]	12.50	1573.1	1.92
Artedouglasia oxide B	14.26	2065.3	0.52	12.57	1578.6	0.68
Cubeban-11-ol	13.52	1994.1	0.15	12.75*	1592.4	[47.24]

Davanone D	13.44*	1986.1	[47.48]	12.75*	1592.4	[47.24]
Eudesm-5-en-11-ol	14.22*	2060.7	[5.90]	12.85	1600.3	0.62
Unknown ARPA VIII [m/z 43, 219 (54), 41 (51), 234 (49)]	13.44*	1986.1	[47.48]	12.90	1604.3	0.20
Unknown ARPA IX [m/z 207, 43 (87), 83 (84), 149 (77), 109 (70), 81 (66), 93 (54)... 235 (10)...]	14.38	2076.8	0.23	12.96	1609.3	0.28
Davanol D isomer I	14.22*	2060.7	[5.90]	13.00	1612.8	0.68
Unknown ARPA X [m/z 83, 55 (25), 111 (22), 93 (19), 43 (12)...]	14.32	2070.4	0.07	13.14	1624.1	0.13
Isospathulenol	15.25	2162.6	0.48	13.26	1634.2	0.76
τ-Cadinol	14.70	2108.0	1.21	13.30	1637.7	1.17
β-Eudesmol	15.20	2157.9	0.54	13.38*	1644.4	[1.23]
Methyl <i>cis</i> -jasmonate	16.21	2261.3	0.31	13.38*	1644.4	[1.23]
Unknown ARPA XI [m/z 95, 67 (56), 93 (41), 41 (37), 55 (34), 109 (30), 111 (24)...]	14.98	2135.5	0.52	13.38*	1644.4	[1.23]
5-Hydroxy-6-methyl-2- (5-methyl-5- vinyltetrahydrofuran- 2-yl)hepta-4,6-dien-3- one, isomer II	14.87	2124.3	0.23	13.41	1647.0	0.27
α-Cadinol	15.29	2166.5	0.26	13.44	1648.9	0.16
Unknown ARPA XII [m/z 153, 43 (51), 93 (25), 111 (23), 109 (22), 41 (22), 55 (19), 123 (17)... 250 (9)]				13.69	1669.5	0.24
Unknown ARPA XIII [m/z 163, 43 (65), 41 (20), 55 (20), 93 (18)... 234 (3)...]	16.83	2326.6	0.16	13.73	1672.9	0.16
Unknown ARPA XIV [m/z 163, 43 (56), 121 (14), 105 (13), 164 (13)... 234 (3)...]	16.70	2313.0	0.72	13.77	1676.6	0.84
Davanyl acetate	13.63*	2004.6	[0.72]	13.84	1682.4	0.15
Davanonol isomer III				13.94	1690.6	0.24
Davanonol isomer IV				13.97	1692.7	0.21
Davanonol isomer	18.44	2504.8	0.04	14.02	1697.3	0.15

Unknown ARPA XV [m/z 43, 71 (88), 93 (86), 41 (74), 55 (73), 81 (71), 95 (59), 91 (53), 67 (52)... 220 (13)... 236? (t)]	17.19	2365.5	0.23	14.23	1714.9	0.36
β -Davanon-2-ol	18.69	2533.7	1.14	14.28	1719.8	1.21
Unknown LYUN VI [m/z 43, 111 (33), 41 (21), 55 (21), 93 (18), 107 (17)... 234? (t)]	16.76	2319.4	0.03	14.38	1727.8	0.07
Phytone	14.49	2086.9	0.20	15.72	1846.5	0.13
Nonadecane	12.50	1899.1	0.41	16.35	1903.6	0.04
Heneicosane	14.54	2091.6	0.09	18.40	2103.3	0.08
Phytol	19.00	2569.2	0.19	18.50	2113.4	0.14
Davanonol isomer II	18.20	2477.3	0.03			
Total reported		88.27%			92.29%	

*: 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