

Date : November 25, 2020

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 20K24-PTH01


Customer identification : Cypress ORGANIC - France - CB9103204R

Type : Essential oil

Source : *Cupressus sempervirens*

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 : Sylvain Mercier, M. Sc., Chimiste

Analysis date : November 25, 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: 1.4712 ± 0.0003 (20 °C; method PC-MAT-016)

NFT 75-254:1992 - OIL OF CUPRESSUS

| Compound | Min. % | Max. % | Observed % | Complies? |
|-------------------------|--------|--------|------------|-----------|
| Manoyl oxide | tr | | 0.12 | Yes |
| Isopimaradiene | tr | | 0.02 | Yes |
| Karahanaenone | tr | | 0.15 | Yes |
| Germacrene D | 0.5 | 3.0 | 0.2 | No |
| α-Cedrol | 0.8 | 7.0 | 1.2 | Yes |
| α-Terpinyl acetate | 1 | 4 | 2 | Yes |
| Terpinen-4-ol | 0.2 | 2.0 | 1.0 | Yes |
| Limonene | 1.8 | 5.0 | 1.9 | Yes |
| Δ3-Carene | 12 | 25 | 21 | Yes |
| Myrcene | 1.0 | 3.5 | 1.8 | Yes |
| β-Pinene | 0.5 | 3.0 | 0.9 | Yes |
| α-Pinene | 40 | 65 | 56 | Yes |
| Refractive index | 1.4680 | 1.4780 | 1.4712 | Yes |

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 |
|------------------------------------|-------|------------------------|
| Toluene | 0.01 | Simple phenolic |
| Unknown | tr | Alkene |
| Cyclofenchene | 0.01 | Monoterpene |
| Bornylene | 0.04 | Monoterpene |
| Tricyclene | 0.19 | Monoterpene |
| α -Thujene | 0.38 | Monoterpene |
| α -Pinene | 55.77 | Monoterpene |
| α -Fenchene | 0.50 | Monoterpene |
| Camphene | 0.25 | Monoterpene |
| Thuja-2,4(10)-diene | 0.03 | Monoterpene |
| β -Pinene | 0.87 | Monoterpene |
| Sabinene | 0.59 | Monoterpene |
| Pseudolimonene isomer | 0.01 | Monoterpene |
| Myrcene | 1.77 | Monoterpene |
| 2-Carene | 0.04 | Monoterpene |
| α -Phellandrene | 0.14 | Monoterpene |
| Pseudolimonene | 0.03 | Monoterpene |
| Menthatriene isomer I | 0.01 | Monoterpene |
| Δ 3-Carene | 21.44 | Monoterpene |
| α -Terpinene | 0.31 | Monoterpene |
| 1,4-Cineole | 0.04 | Monoterpenic ether |
| ortho-Cymene | 0.04 | Monoterpene |
| para-Cymene | 0.29 | Monoterpene |
| Sylvestrene | 0.12 | Monoterpene |
| Limonene | 1.91 | Monoterpene |
| β -Phellandrene | 0.52 | Monoterpene |
| 1,8-Cineole | 0.05 | Monoterpenic ether |
| (Z)- β -Ocimene | 0.01 | Monoterpene |
| (E)- β -Ocimene | 0.03 | Monoterpene |
| Unknown | 0.03 | Monoterpene |
| γ -Terpinene | 0.46 | Monoterpene |
| cis-Sabinene hydrate | 0.01 | Monoterpenic alcohol |
| Unknown | 0.01 | Oxygenated monoterpene |
| cis-Linalool oxide (fur.) | 0.01 | Monoterpenic alcohol |
| meta-Cymenene | 0.01 | Monoterpene |
| Terpinolene isomer | 0.04 | Monoterpene |
| Isoterpinolene | 0.07 | Monoterpene |
| Terpinolene | 2.98 | Monoterpene |
| para-Cymenene | 0.09 | Monoterpene |
| α -Pinene oxide | 0.04 | Monoterpenic ether |
| Unknown | 0.02 | Unknown |
| Linalool | 0.29 | Monoterpenic alcohol |
| endo-Fenchol | 0.03 | Monoterpenic alcohol |
| cis-para-Menth-2-en-1-ol | 0.01 | Monoterpenic alcohol |
| 4-Hydroxy-4-methylcyclohex-2-enone | 0.02 | Aliphatic alcohol |

| | | |
|-------------------------------------|------|------------------------|
| <i>trans</i> -Pinocarveol | 0.04 | Monoterpenic alcohol |
| Camphor | 0.11 | Monoterpenic ketone |
| Camphene hydrate | 0.03 | Monoterpenic alcohol |
| Epoxyterpinolene | 0.06 | Monoterpenic ether |
| meta-Mentha-4,6-dien-8-ol | 0.02 | Monoterpenic alcohol |
| Karahanaenone | 0.15 | Monoterpenic ketone |
| Borneol | 0.04 | Monoterpenic alcohol |
| α -Phellandren-8-ol | 0.01 | Monoterpenic alcohol |
| Umbellulone | 0.08 | Monoterpenic ketone |
| Terpinen-4-ol | 1.01 | Monoterpenic alcohol |
| para-Cymen-8-ol | 0.06 | Monoterpenic alcohol |
| Unknown | 0.03 | Oxygenated monoterpene |
| α -Terpineol | 0.27 | Monoterpenic alcohol |
| Myrtenol | 0.02 | Monoterpenic alcohol |
| Verbenone | 0.08 | Monoterpenic ketone |
| <i>trans</i> -Carveol | 0.02 | Monoterpenic alcohol |
| Unknown | 0.05 | Oxygenated monoterpene |
| Linalyl acetate | 0.02 | Monoterpenic ester |
| <i>trans</i> -Ascaridole glycol | 0.02 | Monoterpenic alcohol |
| Unknown | 0.02 | Oxygenated monoterpene |
| Bornyl acetate | 0.09 | Monoterpenic ester |
| Unknown | 0.01 | Monoterpenic ester |
| Thymol | 0.01 | Monoterpenic alcohol |
| Terpinen-4-yl acetate | 0.04 | Monoterpenic ester |
| Unknown | 0.01 | Oxygenated monoterpene |
| Unknown | 0.03 | Unknown |
| Unknown | 0.19 | Monoterpenic ester |
| α -Terpinyl acetate | 2.09 | Monoterpenic ester |
| α -Cubebene | 0.01 | Sesquiterpene |
| α -Ylangene | 0.02 | Sesquiterpene |
| α -Copaene | 0.05 | Sesquiterpene |
| β -Bourbonene | 0.02 | Sesquiterpene |
| β -Cubebene | 0.02 | Sesquiterpene |
| β -Elemene | 0.05 | Sesquiterpene |
| α -Cedrene | 0.17 | Sesquiterpene |
| Sesquithujene | 0.21 | Sesquiterpene |
| β -Caryophyllene | 0.29 | Sesquiterpene |
| β -Cedrene | 0.15 | Sesquiterpene |
| β -Copaene | 0.02 | Sesquiterpene |
| <i>cis</i> -Thujopsene | 0.06 | Sesquiterpene |
| <i>cis</i> -Muurola-3,5-diene | 0.04 | Sesquiterpene |
| <i>trans</i> -Muurola-3,5-diene | 0.01 | Sesquiterpene |
| α -Humulene | 0.17 | Sesquiterpene |
| <i>cis</i> -Muurola-4(15),5-diene | 0.13 | Sesquiterpene |
| <i>cis</i> -Cadina-1(6),4-diene | 0.03 | Sesquiterpene |
| Unknown | 0.02 | Sesquiterpene |
| <i>trans</i> -Cadina-1(6),4-diene | 0.03 | Sesquiterpene |
| γ -Muurolole | 0.15 | Sesquiterpene |
| Germacrene D | 0.24 | Sesquiterpene |
| α -Amorphene | 0.26 | Sesquiterpene |
| <i>trans</i> -Muurola-4(15),5-diene | 0.02 | Sesquiterpene |
| β -Alaskene | 0.07 | Sesquiterpene |

| | | |
|--------------------------------|---------------|--------------------------|
| Epizonarene | 0.07 | Sesquiterpene |
| α-Muurolene | 0.10 | Sesquiterpene |
| δ-Amorphene | 0.02 | Sesquiterpene |
| γ-Cadinene | 0.09 | Sesquiterpene |
| α-Alaskene | 0.06 | Sesquiterpene |
| δ-Cadinene | 0.30 | Sesquiterpene |
| <i>trans</i> -Calamenene | 0.01 | Sesquiterpene |
| <i>trans</i> -Cadina-1,4-diene | 0.02 | Sesquiterpene |
| α-Cadinene | 0.02 | Sesquiterpene |
| α-Calacorene | 0.03 | Sesquiterpene |
| Salviadienol? | 0.08 | Sesquiterpenic alcohol |
| Caryophyllene oxide | 0.04 | Sesquiterpenic ether |
| allo-Cedrol | 0.03 | Sesquiterpenic alcohol |
| α-Cedrol | 1.15 | Sesquiterpenic alcohol |
| Widdrol | 0.01 | Sesquiterpenic alcohol |
| Torilenol | 0.02 | Oxygenated sesquiterpene |
| α-Acorenol | 0.01 | Sesquiterpenic alcohol |
| Unknown | 0.05 | Unknown |
| τ-Cadinol | 0.03 | Sesquiterpenic alcohol |
| α-Cadinol | 0.03 | Sesquiterpenic alcohol |
| Unknown | 0.03 | Unknown |
| Eudesma-4(15),7-dien-1β-ol | 0.01 | Sesquiterpenic alcohol |
| Phenylethyl octanoate | 0.01 | Phenolic ester |
| Manoyl oxide | 0.12 | Diterpenic ether |
| 7,13-Abietadiene | 0.01 | Diterpene |
| Unknown | 0.01 | Unknown |
| Isopimaradiene | 0.02 | Diterpene |
| Consolidated total | 98.71% | |

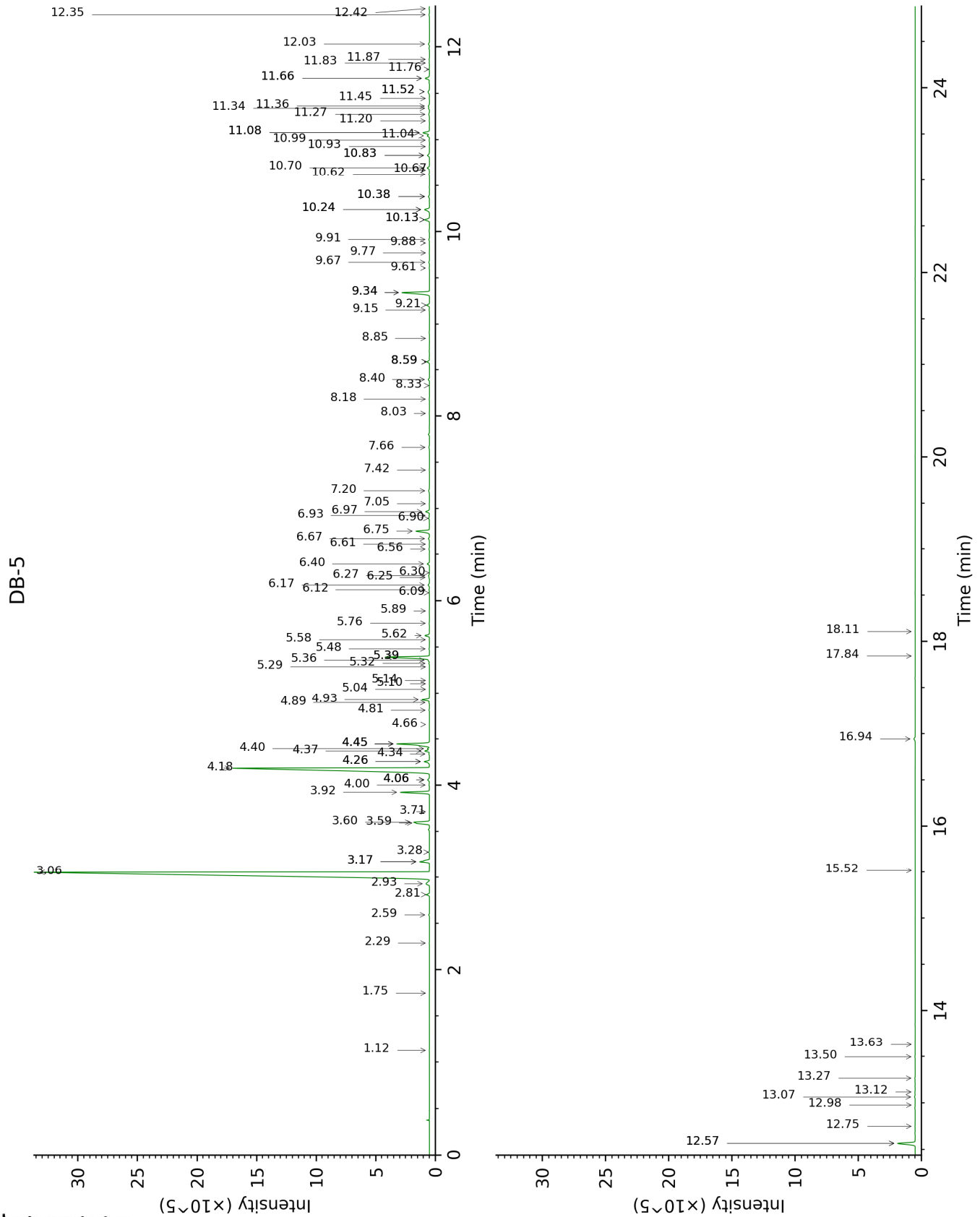
tr: The compound has been detected below 0.005% of total signal.

Note: no correction factor was applied

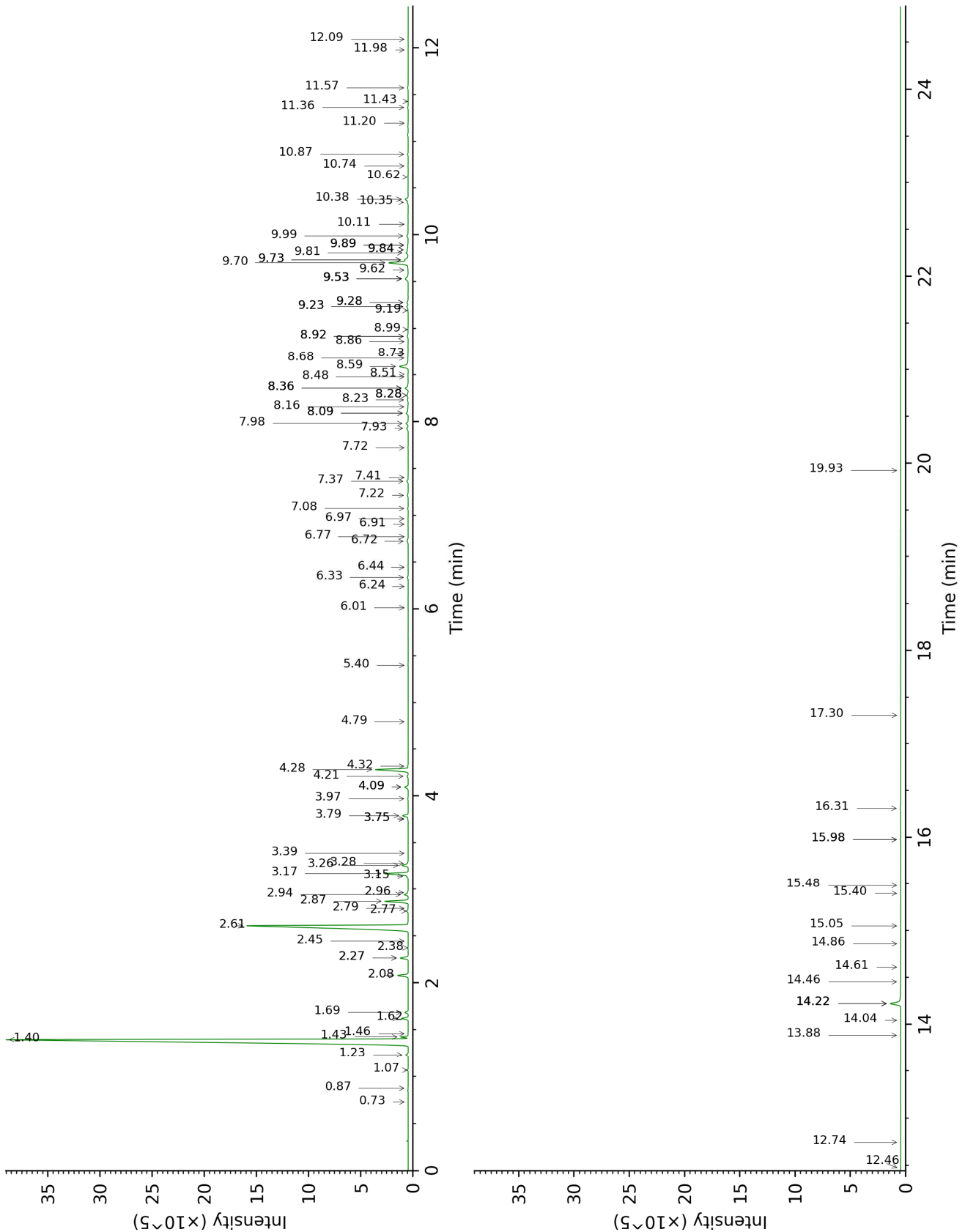
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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



FULL ANALYSIS DATA

| Identification | Column DB-5 | | | Column DB-WAX | | |
|---|-------------|------|--------|---------------|------|---------|
| | R.T | R.I | % | R.T | R.I | % |
| Toluene | 1.12 | 759 | 0.01 | 1.46 | 1002 | 0.01 |
| Unknown [m/z 109, 67 (32), 81 (14), 41 (12), 124 (10)] | 1.75 | 831 | tr | 0.73 | 876 | tr |
| Cyclofenchene | 2.29 | 877 | 0.01 | 0.87 | 910 | 0.01 |
| Bornylene | 2.59 | 903 | 0.04 | 1.07 | 942 | 0.04 |
| Tricyclene | 2.81 | 918 | 0.19 | 1.23 | 971 | 0.19 |
| α -Thujene | 2.93 | 926 | 0.38 | 1.43† | 999 | [56.87] |
| α -Pinene | 3.06 | 934 | 55.77 | 1.40† | 996 | 56.87 |
| α -Fenchene | 3.18*† | 942 | 0.74 | 1.62 | 1019 | 0.50 |
| Camphene | 3.18*† | 942 | [0.74] | 1.69 | 1025 | 0.25 |
| Thuja-2,4(10)-diene | 3.28 | 949 | 0.03 | 2.27* | 1084 | 0.64 |
| β -Pinene | 3.59† | 970 | 1.46 | 2.08 | 1065 | 0.87 |
| Sabinene | 3.60† | 971 | [1.46] | 2.27* | 1084 | [0.64] |
| Pseudolimonene isomer | 3.72 | 978 | 0.01 | 2.45 | 1100 | 0.01 |
| Myrcene | 3.92 | 993 | 1.77 | 2.87 | 1134 | 1.85 |
| 2-Carene | 4.00 | 998 | 0.04 | 2.38 | 1095 | 0.02 |
| α -Phellandrene | 4.06* | 1002 | 0.15 | 2.77 | 1126 | 0.14 |
| Pseudolimonene | 4.06* | 1002 | [0.15] | 2.80 | 1128 | 0.03 |
| Menthatriene isomer I | 4.06* | 1002 | [0.15] | 3.39 | 1175 | 0.01 |
| Δ^3 -Carene | 4.18 | 1010 | 21.44 | 2.61 | 1113 | 21.68 |
| α -Terpinene | 4.26* | 1014 | 0.37 | 2.94 | 1140 | 0.31 |
| 1,4-Cineole | 4.26* | 1014 | [0.37] | 2.96 | 1141 | 0.04 |
| ortho-Cymene | 4.34 | 1019 | 0.04 | 4.10* | 1228 | 0.32 |
| para-Cymene | 4.37 | 1022 | 0.29 | 4.10* | 1228 | [0.32] |
| Sylvestrene | 4.40 | 1023 | 0.12 | 3.14† | 1156 | 2.08 |
| Limonene | 4.45* | 1026 | 2.47 | 3.17† | 1158 | [2.08] |
| β -Phellandrene | 4.45* | 1026 | [2.47] | 3.26 | 1165 | 0.52 |
| 1,8-Cineole | 4.45* | 1026 | [2.47] | 3.28 | 1166 | 0.05 |
| (Z)- β -Ocimene | 4.66 | 1040 | 0.01 | 3.76*† | 1203 | 0.51 |
| (E)- β -Ocimene | 4.81 | 1049 | 0.03 | 3.97 | 1219 | 0.03 |
| Unknown [m/z 93, 91 (54), 92 (31), 77 (29), 79 (17), 43 (13), 41 (10), 136 (9)] | 4.90 | 1055 | 0.03 | 3.76*† | 1203 | [0.51] |
| γ -Terpinene | 4.93 | 1057 | 0.46 | 3.79† | 1206 | [0.51] |
| cis-Sabinene hydrate | 5.04 | 1064 | 0.01 | 6.91 | 1431 | 0.02 |
| Unknown [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)] | 5.10 | 1068 | 0.01 | 4.79 | 1279 | 0.01 |

| | | | | | | |
|---|-------|------|--------|--------|------|--------|
| <i>cis</i> -Linalool oxide (fur.) | 5.14 | 1070 | 0.01 | 6.44 | 1396 | 0.02 |
| meta-Cymenene | 5.29 | 1080 | 0.01 | 6.24 | 1382 | 0.02 |
| Terpinolene isomer | 5.32 | 1082 | 0.04 | 4.32 | 1244 | 0.04 |
| Isoterpinolene | 5.36 | 1084 | 0.07 | 4.21 | 1236 | 0.10 |
| Terpinolene | 5.39* | 1086 | 3.04 | 4.28 | 1242 | 2.98 |
| para-Cymenene | 5.39* | 1086 | [3.04] | 6.34 | 1389 | 0.09 |
| α -Pinene oxide | 5.48 | 1092 | 0.04 | 5.40 | 1321 | 0.02 |
| Unknown [m/z 109, 43 (65), 95 (54), 119 (50), 91 (47)... 149 (8)...] | 5.58 | 1098 | 0.02 | 6.01 | 1365 | 0.01 |
| Linalool | 5.62 | 1101 | 0.29 | 7.98 | 1512 | 0.22 |
| endo-Fenchol | 5.76 | 1110 | 0.03 | 8.36* | 1541 | 0.37 |
| <i>cis</i> -para-Menth-2-en-1-ol | 5.89 | 1118 | 0.01 | 8.09* | 1520 | 0.26 |
| 4-Hydroxy-4-methylcyclohex-2-enone | 6.09 | 1131 | 0.02 | 14.04 | 2028 | 0.01 |
| <i>trans</i> -Pinocarveol | 6.12 | 1133 | 0.04 | 9.19 | 1606 | 0.03 |
| Camphor | 6.17 | 1136 | 0.11 | 7.22 | 1454 | 0.09 |
| Camphene hydrate | 6.25 | 1141 | 0.03 | 8.48 | 1550 | 0.03 |
| Epoxyterpinolene | 6.27 | 1143 | 0.06 | 6.72 | 1417 | 0.15 |
| meta-Mentha-4,6-dien-8-ol | 6.30 | 1145 | 0.02 | 9.28* | 1613 | 0.15 |
| Karahanaenone | 6.40 | 1151 | 0.15 | 7.37 | 1465 | 0.13 |
| Borneol | 6.56 | 1161 | 0.04 | 9.73*† | 1649 | [2.40] |
| α -Phellandren-8-ol | 6.61 | 1165 | 0.01 | 10.11 | 1680 | 0.02 |
| Umbellulone | 6.67 | 1168 | 0.08 | 8.92* | 1584 | 0.13 |
| Terpinen-4-ol | 6.75 | 1174 | 1.01 | 8.59 | 1558 | 1.01 |
| para-Cymen-8-ol | 6.90 | 1183 | 0.06 | 11.57 | 1803 | 0.08 |
| Unknown [m/z 93, 59 (85), 81 (36), 92 (35), 43 (34), 121 (20), 136 (16)...] | 6.93 | 1185 | 0.03 | | | |
| α -Terpineol | 6.97 | 1188 | 0.27 | 9.73*† | 1649 | [2.40] |
| Myrtenol | 7.06 | 1193 | 0.02 | 10.87 | 1743 | 0.05 |
| Verbenone | 7.20 | 1202 | 0.08 | 9.62 | 1640 | 0.02 |
| <i>trans</i> -Carveol | 7.42 | 1218 | 0.02 | 11.43 | 1790 | 0.01 |
| Unknown [m/z 137, 152 (28), 43 (25), 91 (24), 109 (23), 119 (19)] | 7.66 | 1234 | 0.05 | 11.36 | 1785 | 0.05 |
| Linalyl acetate | 8.03 | 1259 | 0.02 | 8.16 | 1525 | 0.04 |
| <i>trans</i> -Ascaridole glycol | 8.18 | 1270 | 0.02 | 14.22* | 2045 | 1.20 |
| Unknown [m/z 95, 67 (45), 41 | 8.33 | 1280 | 0.02 | 12.46 | 1881 | 0.01 |

| | | | | | | |
|---|--------|------|--------|-------|------|--------|
| (42), 110 (42), 43 (41), 59 (36)] | | | | | | |
| Bornyl acetate | 8.40 | 1284 | 0.09 | 8.23 | 1531 | 0.09 |
| Unknown [m/z 121, 93 (97), 43 (81), 136 (48), 107 (47), 108 (44)...] | 8.59* | 1297 | 0.17 | 8.51 | 1552 | 0.01 |
| Thymol | 8.59* | 1297 | [0.17] | 15.05 | 2126 | 0.01 |
| Terpinen-4-yl acetate | 8.59* | 1297 | [0.17] | 8.73 | 1569 | 0.04 |
| Unknown [m/z 150, 107 (98), 91 (79), 108 (61)] | 8.85 | 1312 | 0.01 | 11.98 | 1839 | 0.01 |
| Unknown [m/z 93, 92 (34), 43 (31), 91 (27)...] | 9.15 | 1334 | 0.03 | | | |
| Unknown [m/z 93, 43 (50), 121 (50), 136 (35)...] | 9.21 | 1337 | 0.19 | 9.53* | 1633 | 0.41 |
| α -Terpinyl acetate | 9.34* | 1347 | 2.11 | 9.70† | 1647 | 2.40 |
| α -Cubebene | 9.34* | 1347 | [2.11] | 6.77 | 1421 | 0.01 |
| α -Ylangene | 9.61 | 1366 | 0.02 | 6.97 | 1436 | 0.02 |
| α -Copaene | 9.67 | 1370 | 0.05 | 7.08 | 1444 | 0.04 |
| β -Bourbonene | 9.77 | 1378 | 0.02 | 7.41 | 1468 | 0.02 |
| β -Cubebene | 9.88 | 1385 | 0.02 | 7.72 | 1492 | 0.02 |
| β -Elemene | 9.92 | 1388 | 0.05 | 8.36* | 1541 | [0.37] |
| α -Cedrene | 10.13* | 1403 | 0.37 | 7.93 | 1508 | 0.17 |
| Sesquithujene | 10.13* | 1403 | [0.37] | 8.09* | 1520 | [0.26] |
| β -Caryophyllene | 10.24* | 1411 | 0.43 | 8.36* | 1541 | [0.37] |
| β -Cedrene | 10.24* | 1411 | [0.43] | 8.28* | 1535 | 0.16 |
| β -Copaene | 10.38* | 1422 | 0.08 | 8.28* | 1535 | [0.16] |
| <i>cis</i> -Thujopsene | 10.38* | 1422 | [0.08] | 8.68 | 1566 | 0.06 |
| <i>cis</i> -Muurolo-3,5-diene | 10.62 | 1440 | 0.04 | 8.92* | 1584 | [0.13] |
| <i>trans</i> -Muurolo-3,5-diene | 10.67 | 1443 | 0.01 | 8.86 | 1580 | 0.01 |
| α -Humulene | 10.70 | 1445 | 0.17 | 9.24* | 1609 | 0.16 |
| <i>cis</i> -Muurolo-4(15),5-diene | 10.83* | 1455 | 0.17 | 9.28* | 1613 | [0.15] |
| <i>cis</i> -Cadina-1(6),4-diene | 10.83* | 1455 | [0.17] | 8.99 | 1589 | 0.03 |
| Unknown [m/z 161, 91 (57), 120 (46), 105 (42), 133 (25), 119 (22), 41 (21), 204 (21)] | 10.93 | 1463 | 0.02 | 9.53* | 1633 | [0.41] |
| <i>trans</i> -Cadina-1(6),4-diene | 11.00 | 1468 | 0.03 | 9.24* | 1609 | [0.16] |
| γ -Muurolole | 11.04 | 1471 | 0.15 | 9.53* | 1633 | [0.41] |
| Germacrene D | 11.08* | 1474 | 0.50 | 9.81 | 1655 | 0.24 |
| α -Amorphene | 11.08* | 1474 | [0.50] | 9.53* | 1633 | [0.41] |

| | | | | | | |
|---|--------|---------------|--------|--------|---------------|--------|
| <i>trans</i> -Muurolo-4(15),5-diene | 11.20 | 1483 | 0.02 | 9.84* | 1658 | 0.13 |
| β-Alaskene | 11.27 | 1489 | 0.07 | 9.53* | 1633 | [0.41] |
| Epizonarene | 11.34 | 1494 | 0.07 | 9.84* | 1658 | [0.13] |
| α-Muurolole | 11.36 | 1495 | 0.10 | 9.99 | 1670 | 0.16 |
| δ-Amorphene | 11.45 | 1502 | 0.02 | 9.89* | 1662 | 0.08 |
| γ-Cadinene | 11.52* | 1507 | 0.17 | 10.35 | 1699 | 0.09 |
| α-Alaskene | 11.52* | 1507 | [0.17] | 9.89* | 1662 | [0.08] |
| δ-Cadinene | 11.66* | 1518 | 0.33 | 10.38 | 1702 | 0.30 |
| <i>trans</i> -Calamenene | 11.66* | 1518 | [0.33] | 11.20 | 1771 | 0.01 |
| <i>trans</i> -Cadina-1,4-diene | 11.76 | 1526 | 0.02 | 10.62 | 1722 | 0.02 |
| α-Cadinene | 11.83 | 1532 | 0.02 | 10.74 | 1732 | 0.02 |
| α-Calacorene | 11.87 | 1535 | 0.03 | 12.09 | 1849 | 0.02 |
| Salviadienol? | 12.03 | 1548 | 0.08 | | | |
| Caryophyllene oxide | 12.35 | 1573 | 0.04 | 12.74 | 1907 | 0.02 |
| allo-Cedrol | 12.42 | 1578 | 0.03 | 14.22* | 2045 | [1.20] |
| α-Cedrol | 12.57* | 1590 | 1.27 | 14.22* | 2045 | [1.20] |
| Widdrol | 12.57* | 1590 | [1.27] | 14.61 | 2082 | 0.01 |
| Torilenol | 12.75 | 1604 | 0.02 | 15.40 | 2160 | 0.01 |
| α-Acorenol | 12.98 | 1623 | 0.01 | 14.46 | 2067 | 0.01 |
| Unknown [m/z 43, 93 (89), 91 (88), 79 (87), 123 (76), 81 (75)...] | 13.07 | 1630 | 0.05 | 13.88 | 2013 | 0.03 |
| τ-Cadinol | 13.12 | 1635 | 0.03 | 14.86 | 2107 | 0.01 |
| α-Cadinol | 13.27 | 1647 | 0.03 | 15.48 | 2169 | 0.02 |
| Unknown [m/z 85, 57 (59), 79 (26), 67 (18), 41 (16), 80 (15), 81 (10), 77 (8), 238 (7)] | 13.50 | 1666 | 0.03 | | | |
| Eudesma-4(15),7-dien-1β-ol | 13.63 | 1677 | 0.01 | 15.98* | 2219 | 0.03 |
| Phenylethyl octanoate | 15.52 | 1842 | 0.01 | | | |
| Manoyl oxide | 16.94 | 1975 | 0.12 | 16.31 | 2253 | 0.06 |
| 7,13-Abietadiene | 17.84 | 2064 | 0.01 | 17.30 | 2358 | 0.01 |
| Unknown [m/z 191, 81 (47), 95 (41), 69 (39), 109 (32), 93 (32)...] | 18.11 | 2091 | 0.01 | 19.92 | 2656 | 0.01 |
| Isopimaradiene | | | | 15.98* | 2219 | [0.03] |
| Total identified | | 98.42% | | | 99.14% | |
| Total reported | | 98.92% | | | 99.28% | |

*: 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