

Date : January 21, 2019

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 19A15-HBN02-1-CC

Customer identification : Hydacheim spicatum - lot 5978 - SKU 1120

Type : Essential oil

Source : *Hedychium spicatum*

Customer : Health & Beauty Natural Oils

ANALYSIS

Method: PC-PA-014-17J19 - Analysis of the composition of an essential oil, or other volatile liquid, by FAST GC-FID (in French); identifications validated by GC-MS.

Analyst : Benoit Roger, Ph. D.

Analysis date : January 17, 2019

Checked and approved by :

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

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PYHSICOCHEMICAL DATA

Physical aspect: yellow viscous liquid

Refractive index: 1.5045 ± 0.0003 (20 °C)

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method. However, the oil has been mislabelled, and does not come from ginger lily. Its profile is rather characteristic of zedoary (*Curcuma zedoaria*), with the characteristic presence of curzerenone & analogs, germacrone, camphor and cineole.

ANALYSIS SUMMARY

| Identification | DB-5 (%) | DB-WAX (%) | Classe |
|--------------------------|----------|------------|----------------------|
| Isovaleral | tr | tr | Aliphatic aldehyde |
| 2-Methylbutyral | tr | tr | Aliphatic aldehyde |
| 2-Methylbutanol | tr | tr | Aliphatic alcohol |
| Toluene | tr | 0.05* | Simple phenolic |
| Hexanal | tr | tr | Aliphatic aldehyde |
| 2-Heptanone | 0.02 | 0.03 | Aliphatic ketone |
| 2-Heptanol | 0.04 | 0.04 | Aliphatic alcohol |
| Tricyclene | 0.19 | 0.18 | Monoterpene |
| α -Thujene | 0.05 | [0.05]* | Monoterpene |
| α -Pinene | 0.83 | 0.80 | Monoterpene |
| Camphene | 3.61* | 3.47 | Monoterpene |
| α -Fenchene | [3.61]* | 0.01 | Monoterpene |
| β -Pinene | 1.32* | 1.11 | Monoterpene |
| Sabinene | [1.32]* | 0.16 | Monoterpene |
| 6-Methyl-5-hepten-2-one | 0.01 | 0.01 | Aliphatic ketone |
| Myrcene | 0.37 | 0.34 | Monoterpene |
| α -Phellandrene | 0.02 | 0.02 | Monoterpene |
| 2-Octanol | 0.01 | 0.01 | Aliphatic alcohol |
| Δ^3 -Carene | 0.01 | 0.01 | Monoterpene |
| α -Terpinene | 0.02 | 0.02 | Monoterpene |
| para-Cymene | 0.12 | 0.11 | Monoterpene |
| Limonene | 8.34* | 1.06 | Monoterpene |
| β -Phellandrene | [8.34]* | 7.12* | Monoterpene |
| 1,8-Cineole | [8.34]* | [7.12]* | Monoterpenic ether |
| (Z)- β -Ocimene | 0.01 | 0.01 | Monoterpene |
| 2-Heptyl acetate | 0.01 | tr | Aliphatic ester |
| (E)- β -Ocimene | 0.01 | 0.01 | Monoterpene |
| γ -Terpinene | 0.03 | 0.03 | Monoterpene |
| cis-Sabinene hydrate | 0.02 | 0.02 | Monoterpenic alcohol |
| Terpinolene | 0.06* | 0.05 | Monoterpene |
| para-Cymenene | [0.06]* | 0.01 | Monoterpene |
| 2-Nonanone | 0.11 | 0.10 | Aliphatic ketone |
| trans-Sabinene hydrate | 0.02 | 0.02 | Monoterpenic alcohol |
| Linalool | 0.65 | 0.63 | Monoterpenic alcohol |
| 2-Nonanol | 0.21 | 0.21 | Aliphatic alcohol |
| β -Thujone | 0.01 | 0.01 | Monoterpenic ketone |
| cis-para-Menth-2-en-1-ol | 0.01 | 0.02 | Monoterpenic alcohol |
| trans-Pinocarveol | 0.01 | 0.05 | Monoterpenic alcohol |
| Camphor | 8.93 | 8.91* | Monoterpenic ketone |
| Camphene hydrate | 0.18 | 5.45* | Monoterpenic alcohol |
| Isoborneol | 2.71 | 2.71 | Monoterpenic alcohol |
| Borneol | 0.86 | 1.28* | Monoterpenic alcohol |
| Terpinen-4-ol | 0.26 | 0.26 | Monoterpenic alcohol |
| para-Cymen-8-ol | 0.01 | 0.04 | Monoterpenic alcohol |
| α -Terpineol | 0.36 | [1.28]* | Monoterpenic alcohol |
| Myrtenol | 0.05 | 0.02 | Monoterpenic alcohol |
| trans-Isopiperitenol | 0.01 | 0.46* | Monoterpenic alcohol |
| 2-Decanol? | 0.02 | 0.28* | Aliphatic alcohol |

| | | | |
|----------------------------|----------|---------|--------------------------|
| Carvone | 0.04 | 0.63* | Monoterpenic ketone |
| (7Z)-Undecen-2-one | 0.02 | | Aliphatic ketone |
| Isobornyl acetate | 0.08* | 0.06 | Monoterpenic ester |
| Bornyl acetate | [0.08]* | 0.03 | Monoterpenic ester |
| 2-Undecanone | 0.06 | 0.06 | Aliphatic ketone |
| 2-Undecanol | 0.04 | 0.05 | Aliphatic alcohol |
| 4-Vinylguaiacol | 0.02 | 0.09 | Simple phenolic |
| δ-Elemene isomer | 0.02 | 0.02* | Sesquiterpene |
| δ-Elemene | 0.48* | 0.47 | Sesquiterpene |
| Piperitenone | [0.48]* | 0.02 | Monoterpenic ketone |
| α-Cubebene | 0.02 | [0.02]* | Sesquiterpene |
| α-Copaene | 0.03 | [8.91]* | Sesquiterpene |
| 1,5-diepi-β-Bourbonene | 0.03 | 0.02 | Sesquiterpene |
| cis-β-Elemene | 0.13 | 0.12 | Sesquiterpene |
| β-Elemene | [4.40] | [5.45]* | Sesquiterpene |
| Cyperene | 4.40 | 0.07 | Sesquiterpene |
| β-Caryophyllene | 1.05 | [5.45]* | Sesquiterpene |
| β-Copaene | 0.03 | 0.03 | Sesquiterpene |
| Unknown | 0.05 | 0.08* | Sesquiterpene |
| γ-Elemene | 0.28 | [0.28]* | Sesquiterpene |
| α-Guaiene | 0.01 | [5.45]* | Sesquiterpene |
| 6,9-Guaiadiene | 0.12 | 0.13 | Sesquiterpene |
| Unknown | 0.23 | 0.20 | Sesquiterpene |
| α-Humulene | 0.76 | 0.77 | Sesquiterpene |
| allo-Aromadendrene | 0.03 | 0.07 | Sesquiterpene |
| (E)-β-Farnesene | 0.48 | 0.47 | Sesquiterpene |
| γ-Muurolene | [0.24] | 0.15 | Sesquiterpene |
| Selina-4,11-diene | 0.24 | 0.20 | Sesquiterpene |
| Germacrene D | 0.92 | 0.91 | Sesquiterpene |
| β-Selinene | 0.58 | 0.58 | Sesquiterpene |
| δ-Selinene | 0.05 | [0.08]* | Sesquiterpene |
| Viridiflorene | 0.05 | [0.08]* | Sesquiterpene |
| α-Selinene | 0.60 | [0.63]* | Sesquiterpene |
| Curzerene | 3.72 | 3.61 | Sesquiterpenic ether |
| Germacrene A | 0.13 | [0.46]* | Sesquiterpene |
| γ-Cadinene | 0.15* | [0.46]* | Sesquiterpene |
| Cubebol | [0.15]* | 0.05 | Sesquiterpenic alcohol |
| δ-Cadinene | 0.33* | 0.22 | Sesquiterpene |
| Unknown | [0.33]* | | Sesquiterpene |
| Selina-3,7(11)-diene | 0.07 | 0.07 | Sesquiterpene |
| α-Elemol | 0.08 | 0.15 | Sesquiterpenic alcohol |
| Germacrene B | 1.14 | 1.08 | Sesquiterpene |
| Caryophyllene oxide | 0.32* | 0.28 | Sesquiterpenic ether |
| Caryophyllene oxide isomer | [0.32]* | 0.02 | Sesquiterpenic ether |
| Unknown | 0.27 | | Oxygenated sesquiterpene |
| Humulene epoxide I | 0.43 | 0.14 | Sesquiterpenic ether |
| Curzerenone | 30.68* | [35.40] | Sesquiterpenic ketone |
| Humulene epoxide II | [30.68]* | 0.16 | Sesquiterpenic ether |
| β-Elemenone | [30.68]* | 0.90 | Sesquiterpenic ketone |
| Epicurzerenone | 1.33 | 1.16 | Sesquiterpenic ketone |
| Unknown | 1.29* | 0.69 | Unknown |
| Unknown | [1.29]* | | Unknown |

| | | | |
|-------------------------|---------------|---------------|--------------------------|
| t-Cadinol | 0.22 | 0.91 | Sesquiterpenic alcohol |
| β-Eudesmol | 0.23* | 0.22 | Sesquiterpenic alcohol |
| Neointermedeol | [0.23]* | 0.06 | Sesquiterpenic alcohol |
| α-Cadinol | 0.48 | 0.19 | Sesquiterpenic alcohol |
| Unknown | 0.22 | | Oxygenated sesquiterpene |
| Germacrone | 7.76 | 35.40 | Sesquiterpenic ketone |
| Unknown | 0.02 | 0.32 | Lignan |
| Unknown | 0.28 | | Unknown |
| Curdione | 1.05 | | Sesquiterpenic ketone |
| Unknown | 0.21 | 0.31 | Oxygenated sesquiterpene |
| Curcumenol | 0.40 | 0.32 | Sesquiterpenic alcohol |
| Neocurdione | 0.29 | | Sesquiterpenic ketone |
| Furanodienone | 1.09 | | Sesquiterpenic ketone |
| Unknown | 0.64 | | Unknown |
| Isofuranodienone | 0.51 | | Sesquiterpenic ketone |
| Curcumenone | 0.44 | | Sesquiterpenic ketone |
| Zederone | 0.62 | 0.69 | Sesquiterpenic ketone |
| 2-Nonadecanone | 0.01 | | Aliphatic ketone |
| Coronarin E | 0.03 | | Diterpene |
| Total identified | 92.89% | 85.81% | |

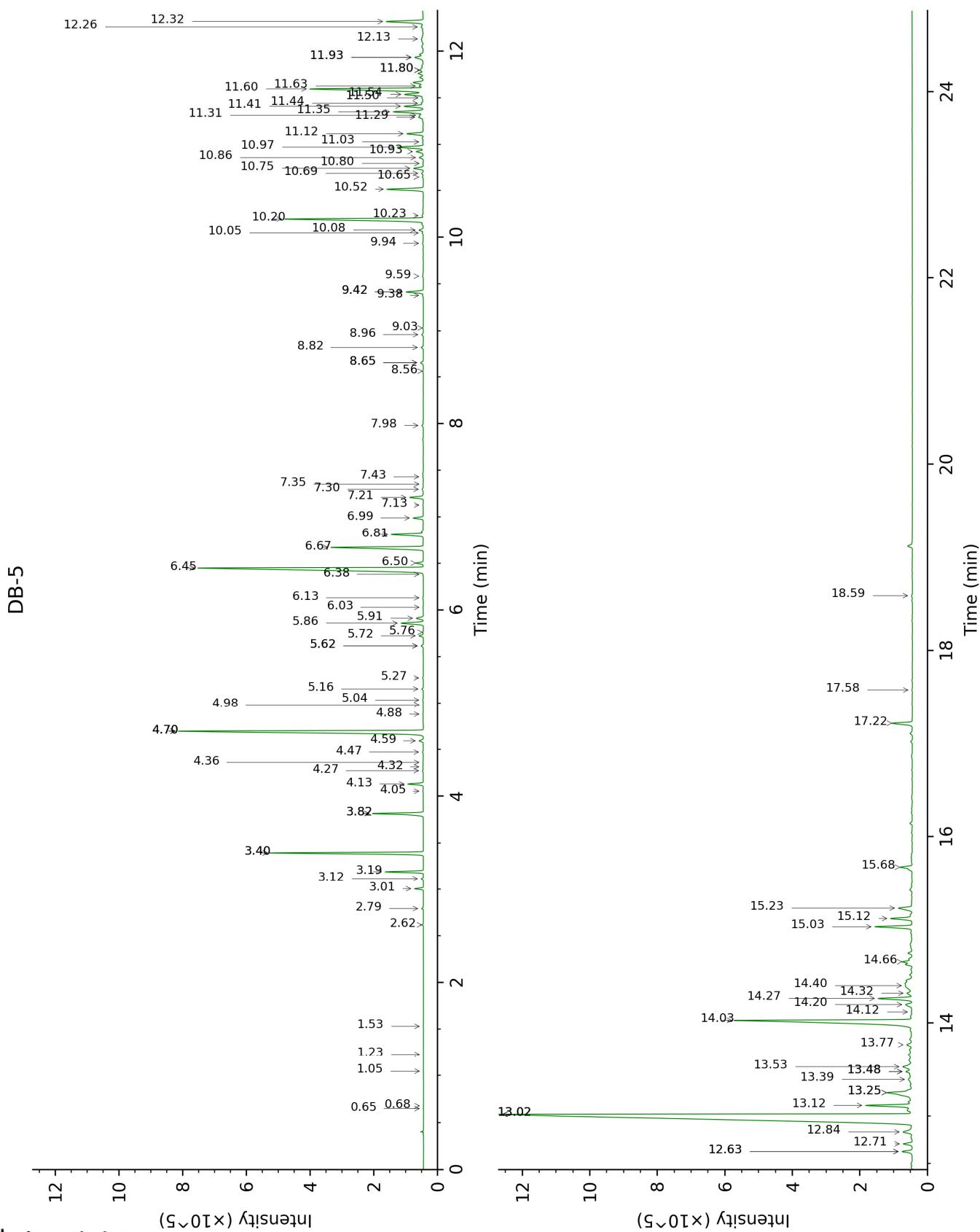
*: Two or more compounds are coeluting on this column

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

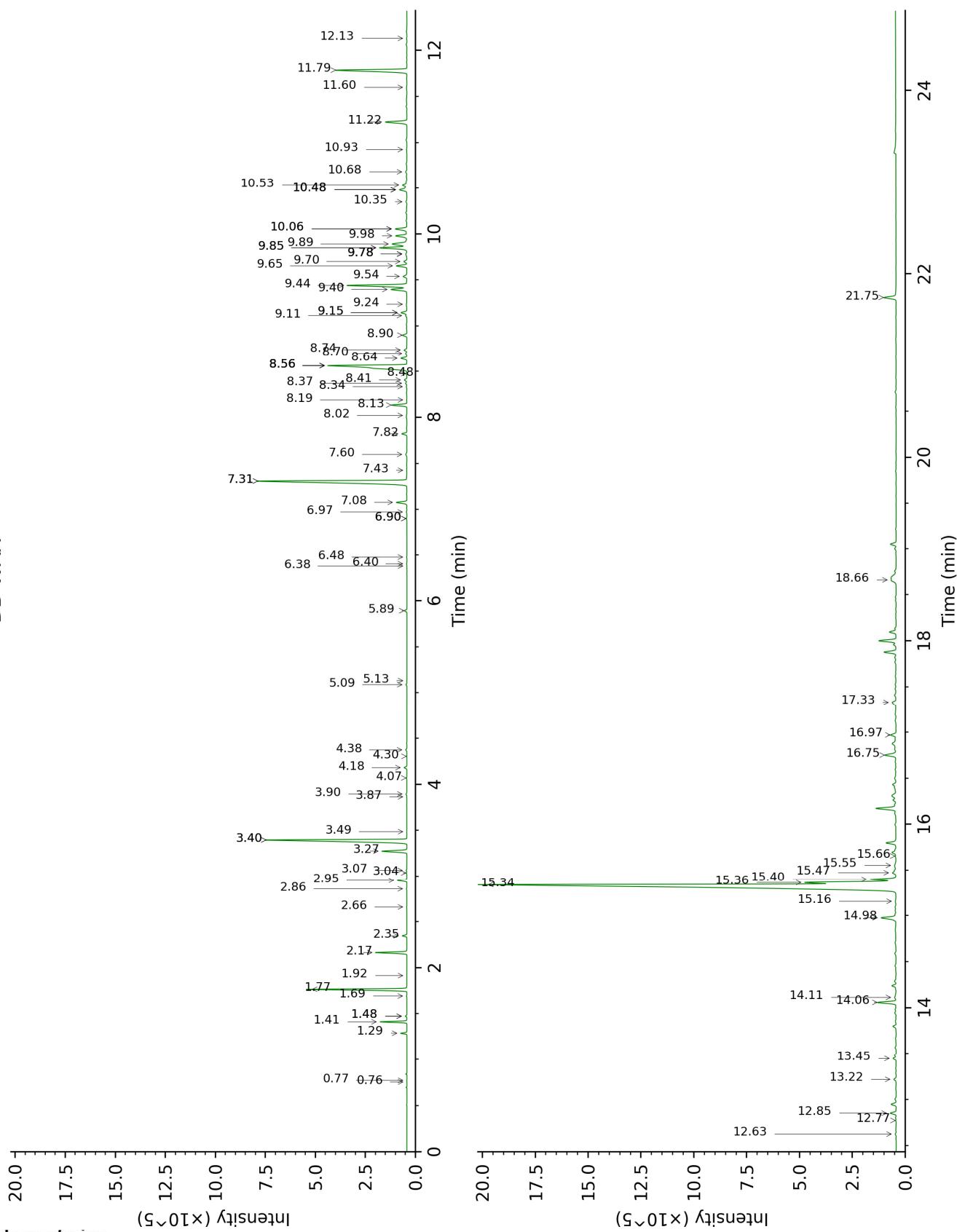
tr: The compound has been detected below 0.005% of total signal.

Note: no correction factor was applied

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DB-WAX



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FULL ANALYSIS DATA

| Identification | Column DB-5 | | | Column DB-WAX | | |
|--------------------------|-------------|------|--------|---------------|------|--------|
| | R.T | R.I | % | R.T | R.I | % |
| Isovaleral | 0.65 | 640 | tr | 0.77 | 888 | tr |
| 2-Methylbutyral | 0.68 | 649 | tr | 0.76 | 883 | tr |
| 2-Methylbutanol | 1.05 | 731 | tr | 3.49 | 1177 | tr |
| Toluene | 1.23 | 756 | tr | 1.48* | 1003 | 0.05 |
| Hexanal | 1.53 | 796 | tr | 1.92 | 1044 | tr |
| 2-Heptanone | 2.62 | 888 | 0.02 | 3.07 | 1144 | 0.03 |
| 2-Heptanol | 2.79 | 903 | 0.04 | 5.09 | 1302 | 0.04 |
| Tricyclene | 3.01 | 917 | 0.19 | 1.29 | 975 | 0.18 |
| α -Thujene | 3.12 | 924 | 0.05 | 1.48* | 1003 | [0.05] |
| α -Pinene | 3.19 | 929 | 0.83 | 1.41 | 994 | 0.80 |
| Camphene | 3.40* | 942 | 3.61 | 1.77 | 1030 | 3.47 |
| α -Fenchene | 3.40* | 942 | [3.61] | 1.69 | 1023 | 0.01 |
| β -Pinene | 3.82* | 970 | 1.32 | 2.17 | 1068 | 1.11 |
| Sabinene | 3.82* | 970 | [1.32] | 2.35 | 1085 | 0.16 |
| 6-Methyl-5-hepten-2-one | 4.06 | 986 | 0.01 | 5.13 | 1305 | 0.01 |
| Myrcene | 4.13 | 991 | 0.37 | 2.95 | 1135 | 0.34 |
| α -Phellandrene | 4.27 | 1000 | 0.02 | 2.86 | 1128 | 0.02 |
| 2-Octanol | 4.32 | 1003 | 0.01 | 6.48 | 1392 | 0.01 |
| Δ 3-Carene | 4.36 | 1006 | 0.01 | 2.66 | 1112 | 0.01 |
| α -Terpinene | 4.47 | 1013 | 0.02 | 3.04 | 1142 | 0.02 |
| para-Cymene | 4.59 | 1021 | 0.12 | 4.18 | 1231 | 0.11 |
| Limonene | 4.70* | 1027 | 8.34 | 3.28 | 1160 | 1.06 |
| β -Phellandrene | 4.70* | 1027 | [8.34] | 3.40* | 1170 | 7.12 |
| 1,8-Cineole | 4.70* | 1027 | [8.34] | 3.40* | 1170 | [7.12] |
| (Z)- β -Ocimene | 4.88 | 1039 | 0.01 | 3.86 | 1207 | 0.01 |
| 2-Heptyl acetate | 4.98 | 1045 | 0.01 | 4.30 | 1241 | tr |
| (E)- β -Ocimene | 5.04 | 1048 | 0.01 | 4.07 | 1223 | 0.01 |
| γ -Terpinene | 5.16 | 1056 | 0.03 | 3.90 | 1210 | 0.03 |
| cis-Sabinene hydrate | 5.27 | 1063 | 0.02 | 6.97 | 1429 | 0.02 |
| Terpinolene | 5.62* | 1085 | 0.06 | 4.38 | 1246 | 0.05 |
| para-Cymenene | 5.62* | 1085 | [0.06] | 6.38 | 1385 | 0.01 |
| 2-Nonanone | 5.72 | 1092 | 0.11 | 5.89 | 1350 | 0.10 |
| trans-Sabinene hydrate | 5.76 | 1094 | 0.02 | 8.02 | 1508 | 0.02 |
| Linalool | 5.86 | 1100 | 0.65 | 8.14 | 1517 | 0.63 |
| 2-Nonanol | 5.91 | 1104 | 0.21 | 7.82 | 1493 | 0.21 |
| β -Thujone | 6.03 | 1111 | 0.01 | 6.40 | 1387 | 0.01 |
| cis-para-Menth-2-en-1-ol | 6.13 | 1118 | 0.01 | 8.19 | 1521 | 0.02 |
| trans-Pinocarveol | 6.38 | 1134 | 0.01 | 9.24 | 1603 | 0.05 |
| Camphor | 6.45 | 1138 | 8.93 | 7.31* | 1454 | 8.91 |
| Camphene hydrate | 6.50 | 1142 | 0.18 | 8.56* | 1550 | 5.45 |
| Isoborneol | 6.67 | 1153 | 2.71 | 9.44 | 1620 | 2.71 |
| Borneol | 6.81 | 1162 | 0.86 | 9.85* | 1653 | 1.28 |
| Terpinen-4-ol | 6.99 | 1174 | 0.26 | 8.64 | 1557 | 0.26 |

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| | | | | | | |
|---|--------|------|--------|--------|------|--------|
| para-Cymen-8-ol | 7.13 | 1183 | 0.01 | 11.60 | 1801 | 0.04 |
| α-Terpineol | 7.21 | 1188 | 0.36 | 9.85* | 1653 | [1.28] |
| Myrtenol | 7.30 | 1194 | 0.05 | 10.92 | 1743 | 0.02 |
| <i>trans</i> -Isopiperitenol | 7.35 | 1197 | 0.01 | 10.48* | 1705 | 0.46 |
| 2-Decanol? | 7.43 | 1202 | 0.02 | 9.15* | 1596 | 0.28 |
| Carvone | 7.98 | 1240 | 0.04 | 10.06* | 1670 | 0.63 |
| (7Z)-Undecen-2-one | 8.56 | 1279 | 0.02 | | | |
| Isobornyl acetate | 8.65* | 1286 | 0.08 | 8.37 | 1535 | 0.06 |
| Bornyl acetate | 8.65* | 1286 | [0.08] | 8.34 | 1533 | 0.03 |
| 2-Undecanone | 8.82 | 1297 | 0.06 | 8.70 | 1561 | 0.06 |
| 2-Undecanol | 8.96 | 1307 | 0.04 | 10.35 | 1694 | 0.05 |
| 4-Vinylguaiacol | 9.03 | 1308 | 0.02 | 15.16 | 2133 | 0.09 |
| δ-Elemene isomer | 9.38 | 1333 | 0.02 | 6.90* | 1424 | 0.02 |
| δ-Elemene | 9.42* | 1336 | 0.48 | 7.08 | 1437 | 0.47 |
| Piperitenone | 9.42* | 1336 | [0.48] | 12.13 | 1848 | 0.02 |
| α-Cubebene | 9.59 | 1348 | 0.02 | 6.90* | 1424 | [0.02] |
| α-Copaene | 9.94 | 1372 | 0.03 | 7.31* | 1454 | [8.91] |
| 1,5-diepi-β-Bourbonene | 10.05 | 1380 | 0.03 | 7.43 | 1463 | 0.02 |
| cis-β-Elemene | 10.08 | 1383 | 0.13 | 8.41 | 1538 | 0.12 |
| β-Elemene | 10.20† | 1391 | [4.40] | 8.56* | 1550 | [5.45] |
| Cyperene | 10.23† | 1394 | 4.40 | 7.60 | 1476 | 0.07 |
| β-Caryophyllene | 10.52 | 1414 | 1.05 | 8.56* | 1550 | [5.45] |
| β-Copaene | 10.65 | 1424 | 0.03 | 8.48 | 1544 | 0.03 |
| Unknown [m/z 93, 91 (52), 119 (37), 105 (31), 77 (29), 41 (27), 134 (26)... 204? (2)] | 10.69 | 1427 | 0.05 | 9.78* | 1648 | 0.08 |
| γ-Elemene | 10.75 | 1431 | 0.28 | 9.15* | 1596 | [0.28] |
| α-Guaiene | 10.80 | 1435 | 0.01 | 8.56* | 1550 | [5.45] |
| 6,9-Guaiadiene | 10.86 | 1440 | 0.12 | 8.74 | 1564 | 0.13 |
| Unknown [m/z 91, 161 (92), 105 (85), 119 (63), 133 (53), 79 (49), 204 (46)] | 10.93 | 1445 | 0.23 | 8.90 | 1577 | 0.20 |
| α-Humulene | 10.97 | 1448 | 0.76 | 9.40 | 1616 | 0.77 |
| allo-Aromadendrene | 11.03 | 1452 | 0.03 | 9.11 | 1593 | 0.07 |
| (E)-β-Farnesene | 11.12 | 1459 | 0.48 | 9.66 | 1637 | 0.47 |
| γ-Muurolene | 11.29† | 1472 | [0.24] | 9.70 | 1641 | 0.15 |
| Selina-4,11-diene | 11.31† | 1474 | 0.24 | 9.54 | 1628 | 0.20 |
| Germacrene D | 11.35 | 1477 | 0.92 | 9.89 | 1657 | 0.91 |
| β-Selinene | 11.41 | 1481 | 0.58 | 9.98 | 1664 | 0.58 |
| δ-Selinene | 11.44 | 1484 | 0.05 | 9.78* | 1648 | [0.08] |
| Viridiflorene | 11.50 | 1488 | 0.05 | 9.78* | 1648 | [0.08] |
| α-Selinene | 11.54 | 1491 | 0.60 | 10.06* | 1670 | [0.63] |
| Curzerene | 11.60 | 1495 | 3.72 | 11.79 | 1817 | 3.61 |

| | | | | | | |
|---|--------|------|---------|--------|------|---------|
| Germacrene A | 11.63 | 1497 | 0.13 | 10.48* | 1705 | [0.46] |
| γ -Cadinene | 11.80* | 1510 | 0.15 | 10.48* | 1705 | [0.46] |
| Cubebol | 11.80* | 1510 | [0.15] | 12.63 | 1892 | 0.05 |
| δ -Cadinene | 11.93* | 1521 | 0.33 | 10.53 | 1709 | 0.22 |
| Unknown [m/z 161, 81 (93), 105 (66), 93 (60), 119 (60), 204 (54)...] | 11.93* | 1521 | [0.33] | | | |
| Selina-3,7(11)-diene | 12.13 | 1537 | 0.07 | 10.68 | 1722 | 0.07 |
| α -Elemol | 12.26 | 1547 | 0.08 | 14.11 | 2031 | 0.15 |
| Germacrene B | 12.32 | 1551 | 1.14 | 11.22 | 1768 | 1.08 |
| Caryophyllene oxide | 12.63* | 1576 | 0.32 | 12.85 | 1913 | 0.28 |
| Caryophyllene oxide isomer | 12.63* | 1576 | [0.32] | 12.77 | 1905 | 0.02 |
| Unknown [m/z 109, 43 (95), 81 (81), 93 (76), 69 (75), 95 (74), 107 (71)... 204 (22), 220 (6)] | 12.71 | 1582 | 0.27 | | | |
| Humulene epoxide I | 12.84 | 1592 | 0.43 | 13.22 | 1947 | 0.14 |
| Curzerenone | 13.02* | 1607 | 30.68 | 15.34† | 2152 | [35.40] |
| Humulene epoxide II | 13.02* | 1607 | [30.68] | 13.44 | 1968 | 0.16 |
| β -Elemenone | 13.02* | 1607 | [30.68] | 14.06 | 2026 | 0.90 |
| Epicurzerenone | 13.12 | 1615 | 1.33 | 15.40 | 2158 | 1.16 |
| Unknown [m/z 105, 121 (67), 191 (59), 93 (40), 91 (38), 67 (36)...] | 13.25* | 1626 | 1.29 | 16.75 | 2297 | 0.69 |
| Unknown [m/z 121, 107 (45), 41 (42), 93 (41), 122 (37), 55 (36)...] | 13.25* | 1626 | [1.29] | | | |
| τ -Cadinol | 13.39 | 1638 | 0.22 | 14.98 | 2115 | 0.91 |
| β -Eudesmol | 13.48* | 1645 | 0.23 | 15.47 | 2165 | 0.22 |
| Neointermedeol | 13.48* | 1645 | [0.23] | 15.66 | 2183 | 0.06 |
| α -Cadinol | 13.53 | 1649 | 0.48 | 15.55 | 2173 | 0.19 |
| Unknown [m/z 205, 93 (93), 43 (58), 79 (510, 91 (48), 119 (45)... 220 (3)] | 13.77 | 1669 | 0.22 | | | |
| Germacrone | 14.03 | 1690 | 7.76 | 15.36† | 2154 | 35.40 |
| Unknown [m/z 133, 93 (97), 131 (85), 145 (83), 107 (69)...220] | 14.12 | 1698 | 0.02 | 16.97 | 2321 | 0.32 |
| Unknown [m/z | 14.20 | 1704 | 0.28 | | | |

| | | | | | |
|--|---------------|------|---------------|-------|------|
| 215; 91 (44), 43 (42), 93 (39), 133 (38), 145 (37), 41 (35)... | | | | | |
| Curdione | 14.26 | 1710 | 1.05 | | |
| Unknown [m/z 43, 71 (88), 93 (86), 41 (74), 55 (73), 81 (71), 95 (59), 91 (53), 67 (52)... 220 (13)... 236? (t)] | 14.32 | 1715 | 0.21 | 17.33 | 2360 |
| Curcumenol | 14.40 | 1722 | 0.40 | 18.66 | 2508 |
| Neocurdione | 14.66 | 1744 | 0.29 | | |
| Furanodienone | 15.03 | 1777 | 1.09 | | |
| Unknown [m/z 232, 135 (84), 147 (77), 162 (73), 91 (60), 108 (53)...] | 15.12 | 1784 | 0.64 | | |
| Isofuranodienone | 15.23 | 1794 | 0.51 | | |
| Curcumenone | 15.68 | 1834 | 0.44 | | |
| Zederone | 17.22 | 1977 | 0.62 | 21.74 | 2883 |
| 2-Nonadecanone | 17.58 | 2012 | 0.01 | | |
| Coronarin E | 18.59 | 2112 | 0.03 | | |
| Total identified | 92.89% | | 85.81% | | |
| Total reported | 94.80% | | 87.32% | | |

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken account in the identified 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