

Date : January 28, 2022

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 22A05-PTH02


Customer identification : Organic Chamomile German - Egypt - CC1104212R

Type : Essential oil

Source : *Matricaria chamomilla*

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 : Pamela Lavoie, M.Sc., Chimiste

Analysis date : January 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 first version issued on January 18, 2022, to update the customer identification.

PHYSICOCHEMICAL DATA

Physical aspect: Dark blue liquid

Refractive index: 1.5066 ± 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 |
|-------------------------|------|------------------------|
| Isobutyral | 0.01 | Aliphatic aldehyde |
| 3-Buten-2-one | tr | Aliphatic ketone |
| Isovaleral | 0.02 | Aliphatic aldehyde |
| 2-Methylbutyral | 0.03 | Aliphatic aldehyde |
| 2-Vinylfuran | tr | Furan |
| Hexanal | 0.01 | Aliphatic aldehyde |
| Octane | 0.01 | Alkane |
| Ethyl 2-methylbutyrate | 0.17 | Aliphatic ester |
| Ethyl isovalerate | 0.02 | Aliphatic ester |
| Heptanal | tr | Aliphatic aldehyde |
| Santolinatriene | 0.01 | Monoterpene |
| α -Pinene | 0.02 | Monoterpene |
| Unknown | tr | Monoterpene |
| Camphene | 0.02 | Monoterpene |
| α -Fenchene | 0.01 | Monoterpene |
| Propyl 2-methylbutyrate | 0.07 | Aliphatic ester |
| Benzaldehyde | 0.01 | Simple phenolic |
| Sabinene | 0.03 | Monoterpene |
| 6-Methyl-5-hepten-2-one | 0.06 | Aliphatic ketone |
| Myrcene | 0.01 | Monoterpene |
| 2-Pentylfuran | 0.04 | Furan |
| Unknown | 0.01 | Monoterpene |
| α -Phellandrene | 0.02 | Monoterpene |
| Octanal | 0.03 | Aliphatic aldehyde |
| Yomogi alcohol | 0.04 | Monoterpenic alcohol |
| Δ^3 -Carene | tr | Monoterpene |
| α -Terpinene | 0.01 | Monoterpene |
| para-Cymene | 0.08 | Monoterpene |
| Limonene | 0.04 | Monoterpene |
| 1,8-Cineole | 0.03 | Monoterpenic ether |
| (Z)- β -Ocimene | 0.07 | Monoterpene |
| (E)- β -Ocimene | 0.36 | Monoterpene |
| γ -Terpinene | 0.14 | Monoterpene |
| Artemisia ketone | 0.34 | Monoterpenic ketone |
| Octanol | 0.02 | Aliphatic alcohol |
| Artemisia alcohol | 0.13 | Monoterpenic alcohol |
| para-Cymenene | 0.01 | Monoterpene |
| Terpinolene | 0.01 | Monoterpene |
| Linalool | 0.02 | Monoterpenic alcohol |
| Nonanal | 0.07 | Aliphatic aldehyde |
| Unknown | 0.01 | Oxygenated monoterpene |
| Camphor | 0.01 | Monoterpenic ketone |
| Borneol | 0.06 | Monoterpenic alcohol |
| Artemisyl acetate | 0.02 | Monoterpenic ester |
| Terpinen-4-ol | 0.03 | Monoterpenic alcohol |

| | | |
|-------------------------------------|-------|------------------------|
| Nonanol | 0.03 | Aliphatic alcohol |
| α -Terpineol | 0.04 | Monoterpenic alcohol |
| Safranal | 0.07 | Monoterpenic aldehyde |
| Decanal | 0.01 | Aliphatic aldehyde |
| Citronellol | 0.03 | Monoterpenic alcohol |
| Carvone | 0.04 | Monoterpenic ketone |
| (2E)-Hexenyl isovalerate | 0.02 | Aliphatic ester |
| Hexyl isovalerate | 0.03 | Aliphatic ester |
| α -Ionene | 0.01 | Terpene derivative |
| 4,8-Dimethylnona-3,8-dien-2-one | 0.05 | Terpenic ketone |
| (E)-4,8-Dimethylnona-3,8-dien-2-one | 0.01 | Terpenic ketone |
| Pelargonic acid | 0.07 | Aliphatic acid |
| Tridecane | 0.01 | Alkane |
| (2E,4E)-Decadienal | 0.01 | Aliphatic aldehyde |
| Bicycloelemene | 0.04 | Sesquiterpene |
| α -Longipinene | 0.03 | Sesquiterpene |
| Dehydro-ar-ionene | 0.02 | Miscellaneous |
| α -Copaene | 0.05 | Sesquiterpene |
| α -Isocomene | 0.05 | Sesquiterpene |
| β -Elemene | 0.15 | Sesquiterpene |
| Capric acid | 0.76 | Aliphatic acid |
| Isocaryophyllene | tr | Sesquiterpene |
| β -Isocomene | 0.02 | Sesquiterpene |
| β -Caryophyllene | 0.08 | Sesquiterpene |
| β -Copaene | 0.03 | Sesquiterpene |
| Aromadendrene | 0.09 | Sesquiterpene |
| Striatene? | 0.03 | Sesquiterpene |
| α -Humulene | 0.04 | Sesquiterpene |
| allo-Aromadendrene | 0.11 | Sesquiterpene |
| (E)- β -Farnesene | 15.94 | Sesquiterpene |
| Dehydrosesquicineole | 0.22 | Sesquiterpenic ether |
| Germacrene D | 1.37 | Sesquiterpene |
| β -Selinene | 0.17 | Sesquiterpene |
| ar-Curcumene | 0.05 | Sesquiterpene |
| α -Selinene | 0.07 | Sesquiterpene |
| Viridiflorene | 0.15 | Sesquiterpene |
| Bicyclogermacrene | 0.77 | Sesquiterpene |
| α -Zingiberene | 0.07 | Sesquiterpene |
| α -Muurolene | 0.11 | Sesquiterpene |
| (3Z,6E)- α -Farnesene | 0.09 | Sesquiterpene |
| 3,6-Dihydrochamazulene | 0.56 | Azulene |
| γ -Cadinene | 0.20 | Sesquiterpene |
| (3E,6E)- α -Farnesene | 0.70 | Sesquiterpene |
| Dihydrochamazulene isomer I | 0.15 | Azulene |
| δ -Cadinene | 0.29 | Sesquiterpene |
| β -Sesquiphellandrene | 0.05 | Sesquiterpene |
| (2Z?,8Z?)-Matricaria ester | 0.04 | Polyene ester |
| (E)- α -Bisabolene | 0.04 | Sesquiterpene |
| Sesquirosefuran? | 0.07 | Sesquiterpenic ether |
| (E)-Nerolidol | 0.21 | Sesquiterpenic alcohol |
| Spathulenol | 0.06 | Sesquiterpenic alcohol |
| (2Z?,8E?)-Matricaria ester | 0.05 | Polyene ester |

| | | |
|--|---------------|------------------------|
| Caryophyllene oxide | 0.01 | Sesquiterpenic ether |
| Caryophyllene oxide isomer | 0.02 | Sesquiterpenic ether |
| Dendrolasin | 0.12 | Sesquiterpenic ether |
| Globulol | 0.12 | Sesquiterpenic alcohol |
| Viridiflorol | 0.14 | Sesquiterpenic alcohol |
| Ledol | 0.07 | Sesquiterpenic alcohol |
| 5,6-Dihydrochamazulene | 0.18 | Azulene |
| (2,7Z)-Bisaboladien-4-ol | 0.18 | Sesquiterpenic alcohol |
| Unknown | 0.15 | Unknown |
| τ -Cadinol | 0.62 | Sesquiterpenic alcohol |
| τ -Muurolol | 0.07 | Sesquiterpenic alcohol |
| Unknown | 0.13 | Unknown |
| α -Bisabolol oxide B, epimer 1 | 0.48 | Sesquiterpenic alcohol |
| α -Bisabolol oxide B, epimer 2 | 5.45 | Sesquiterpenic alcohol |
| Ageratochromene | 0.16 | Chromane |
| epi- β -Bisabolol | 0.07 | Sesquiterpenic alcohol |
| β -Bisabolol | 0.06 | Sesquiterpenic alcohol |
| α -Bisabolol analog | 0.03 | Sesquiterpenic alcohol |
| Bisabolone oxide A | 4.05 | Sesquiterpenic ketone |
| α -Bisabolol | 1.21 | Sesquiterpenic alcohol |
| Germacre-4(15),5,10(14)-trien-1 α -ol | 0.14 | Sesquiterpenic alcohol |
| Chamazulene | 2.44 | Azulene |
| α -Bisabolol oxide A | 42.13 | Sesquiterpenic alcohol |
| Benzyl benzoate | 0.07 | Phenolic ester |
| α -Costol? | 0.16 | Sesquiterpenic alcohol |
| Phytone | 0.26 | Terpenic ketone |
| (Z)-Spiroether | 4.11 | Polyene |
| (E)-Spiroether | 0.56 | Polyene |
| (Z)-Tibetin spiroether | 0.03 | Polyene |
| Methyl palmitate | 0.04 | Aliphatic ester |
| (E)-Tibetin spiroether | 0.12 | Polyene |
| Palmitic acid | 1.27 | Aliphatic acid |
| Eicosane | 0.03 | Alkane |
| Methyl linoleate | 0.02 | Aliphatic ester |
| Heneicosane | 0.02 | Alkane |
| Phytol | 0.13 | Diterpenic alcohol |
| Linoleic acid | 0.35 | Aliphatic acid |
| Oleic acid | 0.35 | Aliphatic acid |
| <i>cis</i> -Vaccenic acid? | 0.04 | Aliphatic acid |
| (9Z)-18-Octadecenolide? | 0.10 | Aliphatic lactone |
| Docosane | 0.03 | Alkane |
| Tricosane | 0.25 | Alkane |
| Tetracosane | 0.09 | Alkane |
| Pentacosane | 0.76 | Alkane |
| Hexacosane | 0.09 | Alkane |
| Heptacosane | 0.17 | Alkane |
| Unknown | 0.01 | Unknown |
| Unknown | 0.03 | Unknown |
| Unknown | 0.52 | Oxygenated triterpene |
| Unknown | 0.20 | Oxygenated triterpene |
| Consolidated total | 93.30% | |

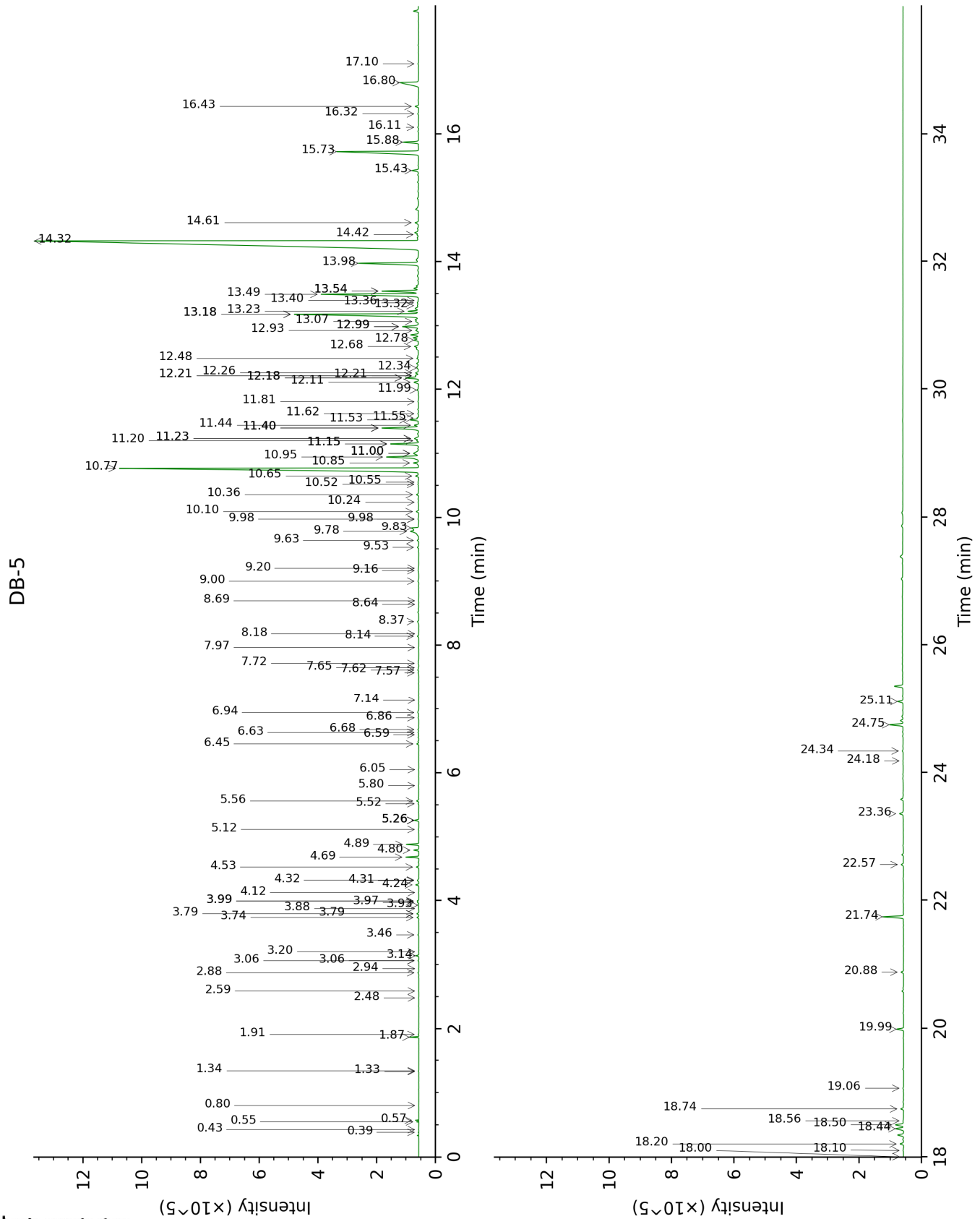
tr: The compound has been detected below 0.005% of total signal.

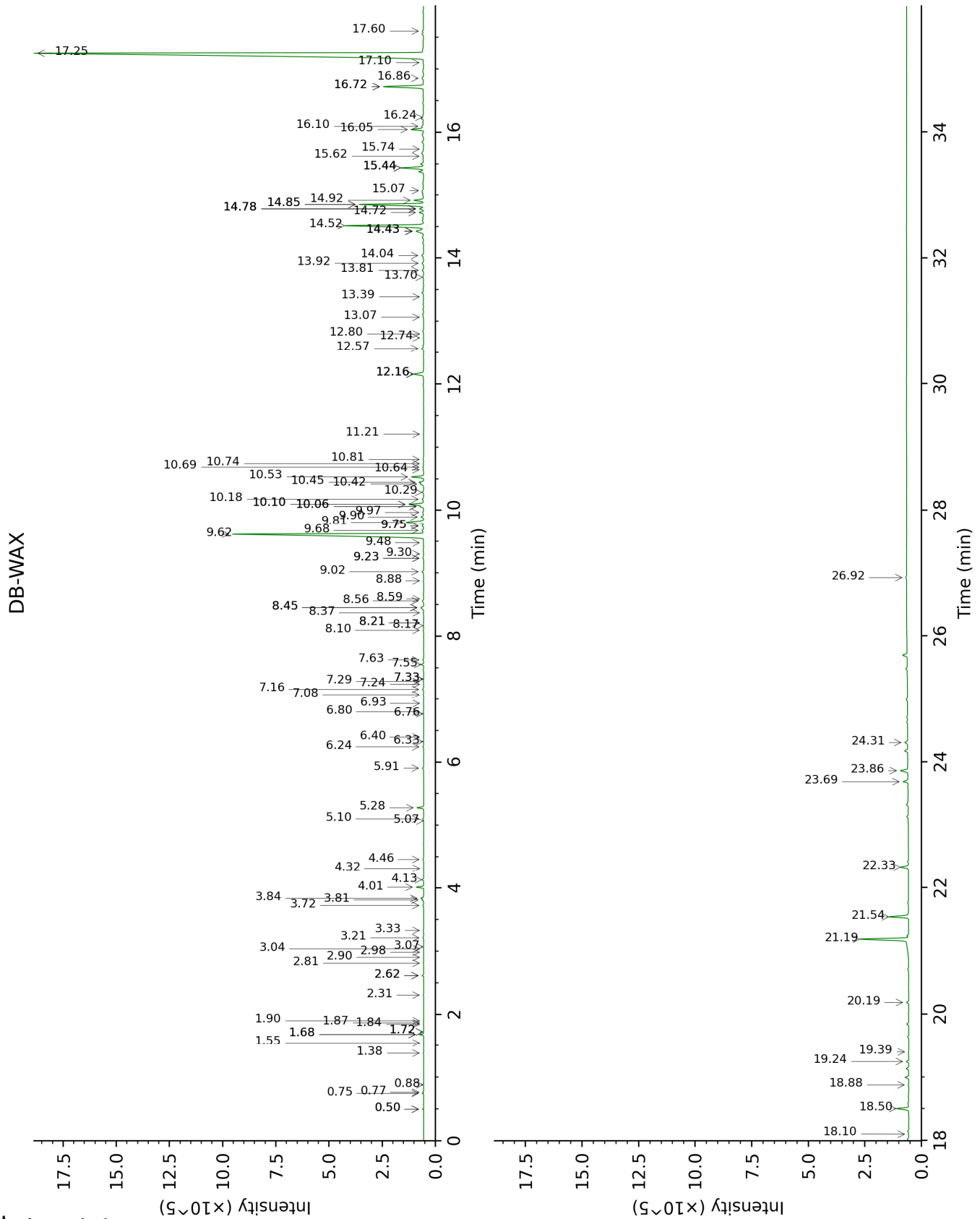
Note: no correction factor was applied

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 | % |
| Isobutylal | 0.39 | 537 | 0.01 | 0.50* | 785 | 0.03 |
| 3-Buten-2-one | 0.43 | 577 | tr | 0.88 | 912 | tr |
| Isovaleral | 0.55 | 640 | 0.02 | 0.77 | 888 | 0.02 |
| 2-Methylbutylal | 0.57 | 651 | 0.03 | 0.75 | 882 | 0.03 |
| 2-Vinylfuran | 0.80 | 718 | tr | 1.84 | 1039 | 0.01 |
| Hexanal | 1.33 | 800 | 0.01 | 1.90 | 1044 | 0.01 |
| Octane | 1.34 | 802 | 0.01 | 0.50* | 785 | [0.03] |
| Ethyl 2-methylbutyrate | 1.87 | 850 | 0.17 | 1.68* | 1023 | 0.18 |
| Ethyl isovalerate | 1.91 | 853 | 0.02 | 1.87 | 1041 | 0.01 |
| Heptanal | 2.48 | 903 | tr | 3.04 | 1145 | 0.01 |
| Santolinatriene | 2.59 | 911 | 0.01 | 1.55 | 1010 | 0.01 |
| α -Pinene | 2.88 | 930 | 0.02 | 1.38 | 992 | 0.03 |
| Unknown [m/z 93, 91 (50), 92 (37), 79 (36), 77 (35), 121 (19)... 136 (t)] | 2.94 | 934 | tr | 1.72* | 1027 | 0.02 |
| Camphene | 3.06* | 943 | 0.02 | 1.72* | 1027 | [0.02] |
| α -Fenchene | 3.06* | 943 | [0.02] | 1.68* | 1023 | [0.18] |
| Propyl 2-methylbutyrate | 3.14 | 948 | 0.07 | 2.62* | 1111 | 0.07 |
| Benzaldehyde | 3.20 | 952 | 0.01 | 7.32* | 1459 | 0.01 |
| Sabinene | 3.46 | 970 | 0.03 | 2.31 | 1085 | 0.03 |
| 6-Methyl-5-hepten-2-one | 3.74 | 988 | 0.06 | 5.10 | 1302 | 0.05 |
| Myrcene | 3.79* | 992 | 0.06 | 2.90 | 1134 | 0.01 |
| 2-Pentylfuran | 3.79* | 992 | [0.06] | 3.72 | 1199 | 0.04 |
| Unknown [m/z 93, 91 (46), 80 (44), 79 (42), 77 (33), 92 (20)... 136 (4)] | 3.88 | 998 | 0.01 | 3.07 | 1147 | 0.01 |
| α -Phellandrene | 3.93 | 1002 | 0.02 | 2.81 | 1127 | 0.02 |
| Octanal | 3.97 | 1004 | 0.03 | 4.46 | 1254 | 0.05 |
| Yomogi alcohol | 3.99* | 1006 | 0.05 | 6.24 | 1379 | 0.04 |
| Δ 3-Carene | 3.99* | 1006 | [0.05] | 2.62* | 1111 | [0.07] |
| α -Terpinene | 4.12 | 1014 | 0.01 | 2.98 | 1140 | 0.01 |
| para-Cymene | 4.24 | 1022 | 0.08 | 4.13 | 1229 | 0.09 |
| Limonene | 4.31† | 1026 | 0.06 | 3.21 | 1158 | 0.04 |
| 1,8-Cineole | 4.32† | 1026 | [0.06] | 3.33 | 1168 | 0.03 |
| (Z)- β -Ocimene | 4.53 | 1040 | 0.07 | 3.81 | 1206 | 0.08 |
| (E)- β -Ocimene | 4.69 | 1050 | 0.36 | 4.01 | 1221 | 0.36 |
| γ -Terpinene | 4.80 | 1057 | 0.14 | 3.84 | 1208 | 0.14 |
| Artemisia ketone | 4.89 | 1062 | 0.34 | 5.28 | 1310 | 0.35 |
| Octanol | 5.12 | 1077 | 0.02 | 8.21* | 1526 | 0.02 |
| Artemisia alcohol | 5.26* | 1086 | 0.13 | 7.56 | 1476 | 0.13 |
| para-Cymenene | 5.26* | 1086 | [0.13] | 6.32 | 1385 | 0.01 |
| Terpinolene | 5.26* | 1086 | [0.13] | 4.32 | 1243 | 0.01 |
| Linalool | 5.52 | 1103 | 0.02 | 8.10 | 1517 | 0.04 |

| | | | | | | |
|---|--------|------|--------|---------|------|--------|
| Nonanal | 5.56 | 1105 | 0.07 | 5.91 | 1355 | 0.07 |
| Unknown [m/z 43, 81 (62), 59 (60), 85 (49), 82 (38)... 154 (2)] | 5.80 | 1121 | 0.01 | | | |
| Camphor | 6.05 | 1137 | 0.01 | 7.24 | 1453 | 0.01 |
| Borneol | 6.45 | 1163 | 0.06 | 9.75* | 1647 | 0.10 |
| Artemisyl acetate | 6.60 | 1172 | 0.02 | 6.40 | 1390 | 0.02 |
| Terpinen-4-ol | 6.63 | 1174 | 0.03 | 8.59 | 1556 | 0.01 |
| Nonanol | 6.68 | 1177 | 0.03 | 9.48 | 1626 | 0.03 |
| α -Terpineol | 6.86 | 1189 | 0.04 | 9.75* | 1647 | [0.10] |
| Safranal | 6.94 | 1194 | 0.07 | 8.88 | 1578 | 0.03 |
| Decanal | 7.14 | 1207 | 0.01 | 7.32* | 1459 | [0.01] |
| Citronellol | 7.57 | 1236 | 0.03 | 10.81 | 1735 | 0.03 |
| Carvone | 7.62 | 1239 | 0.04 | 10.06*† | 1673 | 1.14 |
| (2E)-Hexenyl isovalerate | 7.65 | 1241 | 0.02 | 7.29 | 1456 | 0.03 |
| Hexyl isovalerate | 7.72 | 1246 | 0.03 | 6.76 | 1417 | 0.01 |
| α -Ionene | 7.97 | 1262 | 0.01 | 6.93 | 1430 | 0.02 |
| 4,8-Dimethylnona-3,8-dien-2-one | 8.14 | 1274 | 0.05 | 9.23* | 1606 | 0.06 |
| (E)-4,8-Dimethylnona-3,8-dien-2-one | 8.18 | 1277 | 0.01 | 9.23* | 1606 | [0.06] |
| Pelargonic acid | 8.37 | 1289 | 0.07 | 15.44* | 2163 | 1.41 |
| Tridecane | 8.64 | 1308 | 0.01 | 5.07 | 1299 | 0.01 |
| (2E,4E)-Decadienal | 8.69 | 1312 | 0.01 | 11.21 | 1769 | 0.02 |
| Bicycloelemene | 9.00 | 1333 | 0.04 | 7.08 | 1440 | 0.04 |
| α -Longipinene | 9.16 | 1345 | 0.03 | 6.80 | 1420 | 0.03 |
| Dehydro-ar-ionene | 9.20 | 1348 | 0.02 | | | |
| α -Copaene | 9.53 | 1371 | 0.05 | 7.16 | 1447 | 0.08 |
| α -Isocomene | 9.64 | 1378 | 0.05 | 7.63 | 1481 | 0.06 |
| β -Elemene | 9.78† | 1388 | 0.96 | 8.45* | 1545 | 0.23 |
| Capric acid | 9.83† | 1392 | [0.96] | 16.05 | 2224 | 0.76 |
| Isocaryophyllene | 9.98* | 1402 | 0.03 | 8.21* | 1526 | [0.02] |
| β -Isocomene | 9.98* | 1402 | [0.03] | 8.17 | 1523 | 0.02 |
| β -Caryophyllene | 10.10 | 1411 | 0.08 | 8.45* | 1545 | [0.23] |
| β -Copaene | 10.24 | 1422 | 0.03 | 8.37 | 1538 | 0.02 |
| Aromadendrene | 10.36 | 1431 | 0.09 | 8.56 | 1553 | 0.11 |
| Striatene? | 10.52 | 1443 | 0.03 | | | |
| α -Humulene | 10.55 | 1446 | 0.04 | 9.30 | 1611 | 0.02 |
| allo-Aromadendrene | 10.65 | 1453 | 0.11 | 9.02 | 1589 | 0.11 |
| (E)- β -Farnesene | 10.77 | 1462 | 15.94 | 9.62 | 1637 | 16.13 |
| Dehydrosesquiceneole | 10.85 | 1468 | 0.22 | 10.10*† | 1676 | [1.14] |
| Germacrene D | 10.95 | 1475 | 1.37 | 9.81 | 1652 | 1.31 |
| β -Selinene | 11.00* | 1479 | 0.35 | 9.90 | 1660 | 0.17 |
| ar-Curcumene | 11.00* | 1479 | [0.35] | 10.69 | 1725 | 0.05 |
| α -Selinene | 11.15* | 1490 | 1.01 | 9.97 | 1665 | 0.07 |
| Viridiflorene | 11.15* | 1490 | [1.01] | 9.68 | 1642 | 0.15 |
| Bicyclogermacrene | 11.15* | 1490 | [1.01] | 10.10*† | 1676 | [1.14] |
| α -Zingiberene | 11.20 | 1494 | 0.07 | 10.18 | 1682 | 0.10 |
| α -Muurolene | 11.23* | 1496 | 0.19 | 10.06*† | 1673 | [1.14] |
| (3Z,6E)- α -Farnesene | 11.23* | 1496 | [0.19] | 10.29 | 1691 | 0.09 |

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|--|---------|------|--------|--------|------|--------|
| 3,6-Dihydrochamazulene | 11.40* | 1509 | 1.55 | 12.16* | 1852 | 0.77 |
| γ-Cadinene | 11.40* | 1509 | [1.55] | 10.42† | 1702 | 0.49 |
| (3E,6E)-α-Farnesene | 11.40* | 1509 | [1.55] | 10.53 | 1712 | 0.70 |
| Dihydrochamazulene isomer I | 11.44 | 1512 | 0.15 | 12.16* | 1852 | [0.77] |
| δ-Cadinene | 11.53 | 1519 | 0.29 | 10.45† | 1704 | [0.49] |
| β-Sesquiphellandrene | 11.55 | 1521 | 0.05 | 10.64 | 1721 | 0.04 |
| (2Z?,8Z?)-Matricaria ester | 11.62 | 1526 | 0.04 | 16.24 | 2245 | 0.09 |
| (E)-α-Bisabolene | 11.81 | 1541 | 0.04 | 10.74 | 1730 | 0.03 |
| Sesquirosefuran? | 11.99 | 1555 | 0.07 | 12.16* | 1852 | [0.77] |
| (E)-Nerolidol | 12.11 | 1565 | 0.21 | 13.81 | 2003 | 0.10 |
| Spathulenol | 12.18* | 1570 | 0.47 | 14.43* | 2063 | 0.72 |
| (2Z?,8E?)-Matricaria ester | 12.18* | 1570 | [0.47] | 17.10 | 2336 | 0.05 |
| Caryophyllene oxide | 12.21* | 1573 | 0.15 | 12.80 | 1910 | 0.01 |
| Caryophyllene oxide isomer | 12.21* | 1573 | [0.15] | 12.74 | 1904 | 0.02 |
| Dendrolasin | 12.21* | 1573 | [0.15] | 12.57 | 1889 | 0.12 |
| Globulol | 12.26 | 1576 | 0.12 | 13.92 | 2014 | 0.12 |
| Viridiflorol | 12.34 | 1582 | 0.14 | 14.04 | 2026 | 0.13 |
| Ledol | 12.48 | 1594 | 0.07 | 13.39 | 1964 | 0.03 |
| 5,6-Dihydrochamazulene | 12.68 | 1610 | 0.18 | 14.43* | 2063 | [0.72] |
| (2,7Z)-Bisaboladien-4-ol | 12.78 | 1618 | 0.18 | 14.78* | 2097 | 0.25 |
| Unknown [m/z 93, 41 (52), 79 (46), 91 (45), 43 (38), 67 (37)...] | 12.93 | 1631 | 0.15 | | | |
| τ-Cadinol | 12.99* | 1636 | 0.67 | 14.92 | 2110 | 0.62 |
| τ-Muurolol | 12.99* | 1636 | [0.67] | 15.07 | 2126 | 0.07 |
| Unknown [m/z 123, 43 (86), 81 (75), 95 (73), 82 (68), 161 (64), 105 (63)... 220 (6)] | 13.07 | 1642 | 0.13 | 13.07 | 1934 | 0.04 |
| α-Bisabolol oxide B, epimer 1 | 13.18*† | 1652 | 6.08 | 14.43* | 2063 | [0.72] |
| α-Bisabolol oxide B, epimer 2 | 13.18*† | 1652 | [6.08] | 14.52 | 2071 | 5.45 |
| Ageratochromene | 13.23† | 1655 | [6.08] | 16.86 | 2309 | 0.16 |
| epi-β-Bisabolol | 13.32 | 1663 | 0.07 | 14.85* | 2104 | 4.09 |
| β-Bisabolol | 13.36 | 1666 | 0.06 | 14.78* | 2097 | [0.25] |
| α-Bisabolol analog | 13.40 | 1669 | 0.03 | 15.44* | 2163 | [1.41] |
| Bisabolone oxide A | 13.49 | 1677 | 4.05 | 14.85* | 2104 | [4.09] |
| α-Bisabolol | 13.54* | 1682 | 1.35 | 15.44* | 2163 | [1.41] |
| Germacra-4(15),5,10(14)-trien-1α-ol | 13.54* | 1682 | [1.35] | 16.10 | 2230 | 0.14 |
| Chamazulene | 13.98 | 1718 | 2.44 | 16.72* | 2295 | 2.74 |
| α-Bisabolol oxide A | 14.32 | 1748 | 42.13 | 17.25 | 2352 | 42.94 |
| Benzyl benzoate | 14.42 | 1757 | 0.07 | 18.88 | 2534 | 0.04 |

| | | | | | | |
|--|-------|---------------|------|--------|---------------|--------|
| α-Costol? | 14.61 | 1773 | 0.16 | | | |
| Phytone | 15.43 | 1847 | 0.26 | 14.72 | 2091 | 0.27 |
| (Z)-Spiroether | 15.73 | 1874 | 4.11 | 21.19 | 2812 | 3.85 |
| (E)-Spiroether | 15.88 | 1887 | 0.56 | 22.33 | 2960 | 0.51 |
| (Z)-Tibetin spiroether | 16.11 | 1908 | 0.03 | | | |
| Methyl palmitate | 16.32 | 1928 | 0.04 | 15.62 | 2181 | 0.05 |
| (E)-Tibetin spiroether | 16.43 | 1939 | 0.12 | | | |
| Palmitic acid | 16.80 | 1975 | 1.27 | 21.54 | 2857 | 1.22 |
| Eicosane | 17.10 | 2002 | 0.03 | 13.70 | 1993 | 0.07 |
| Methyl linoleate | 18.00 | 2092 | 0.02 | 18.10 | 2446 | 0.02 |
| Heneicosane | 18.10 | 2102 | 0.02 | 14.78* | 2097 | [0.25] |
| Phytol | 18.20 | 2113 | 0.13 | 19.24 | 2576 | 0.15 |
| Linoleic acid | 18.44 | 2137 | 0.35 | 23.69 | 3145 | 0.33 |
| Oleic acid | 18.50 | 2143 | 0.35 | | | |
| cis-Vaccenic acid? | 18.56 | 2150 | 0.04 | | | |
| (9Z)-18-Octadecenolide? | 18.74 | 2169 | 0.10 | | | |
| Docosane | 19.06 | 2202 | 0.03 | 15.74 | 2192 | 0.03 |
| Tricosane | 19.99 | 2302 | 0.25 | 16.72* | 2295 | [2.74] |
| Tetracosane | 20.88 | 2402 | 0.09 | 17.60 | 2390 | 0.09 |
| Pentacosane | 21.74 | 2502 | 0.76 | 18.50 | 2491 | 0.75 |
| Hexacosane | 22.57 | 2602 | 0.09 | 19.40 | 2594 | 0.02 |
| Heptacosane | 23.36 | 2701 | 0.17 | 20.19 | 2688 | 0.13 |
| Unknown [m/z 69, 41 (41), 81 (41), 91 (22), 165 (22), 136 (20)...] | 24.18 | 2808 | 0.01 | 26.92 | 3606 | 0.07 |
| Unknown [m/z 69, 41 (46), 81 (31), 165 (29), 91 (20), 181 (18), 167 (15)...] | 24.34 | 2829 | 0.03 | | | |
| Unknown [m/z 69, 81 (32), 41 (31), 95 (16), 91 (14), 93 (13), 107 (12)... 408? (3)] | 24.75 | 2884 | 0.52 | 23.86 | 3169 | 0.54 |
| Unknown [m/z 69, 81 (36), 41 (31), 93 (24), 95 (19), 91 (14), 67 (13), 121 (12)... 408? (2)] | 25.11 | 2933 | 0.20 | 24.31 | 3232 | 0.21 |
| Total identified | | 92.87% | | | 91.93% | |
| Total reported | | 93.94% | | | 92.80% | |

*: 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