**Date :** July 02, 2019

# *Certificate of Analysis – GC Profiling*

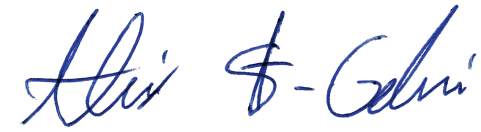
## *Sample identification*

**Internal code :** 19F18-PTH03-1-SCC
**Customer identification :** Tea Tree - T2010895R
**Type :** Essential oil
**Source :** *Melaleuca alternifolia* ct. Terpinen-4-ol
**Customer :** Plant Therapy

## *Analysis*

**Method:** PC-PA-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 :** Benoit Roger, Ph. D.
**Analysis date :** June 28, 2019

Checked and approved by :



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

*Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia. This report is digitally signed, it is only considered valid if the digital signature is intact. The results only describe the samples that were submitted to the assays.*



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## *Physicochemical data*

**Physical aspect:** Clear liquid
**Refractive index:** 1.4785 ± 0.0003 (20 °C)

## *ISO 4730:2017 - Tea Tree Oil*

| Compound | Min. % | Max. % | Observed % | Complies? |
|---|---|---|---|---|
| Viridiflorol | tr | 1.0 | 0.1 | Yes |
| Globulol | tr | 1.0 | 0.3 | Yes |
| δ-Cadinene | 0.2 | 3.0 | 1.2 | Yes |
| Viridiflorene | 0.1 | 3.0 | 0.9 | Yes |
| Aromadendrene | 0.2 | 3.0 | 0.9 | Yes |
| α-Terpineol | 2.0 | 5.0 | 3.0 | Yes |
| Terpinen-4-ol | 35.0 | 48.0 | 42.0 | Yes |
| Terpinolene | 1.5 | 5.0 | 3.3 | Yes |
| γ-Terpinene | 14.0 | 28.0 | 19.0 | Yes |
| 1,8-Cineole | tr | 10.0 | 2.2 | Yes |
| para-Cymene | 0.5 | 8.0 | 2.5 | Yes |
| Limonene | 0.5 | 1.5 | 0.7 | Yes |
| α-Terpinene | 6.0 | 12.0 | 9.3 | Yes |
| Sabinene | tr | 3.5 | 0.4 | Yes |
| α-Pinene | 1.0 | 4.0 | 2.2 | Yes |
| **Refractive index** | 1.4750 | 1.4820 | 1.4785 | Yes |

## *Conclusion*

No adulterant, contaminant or diluent has been detected using this method. The oil comiplies with the ISO standard for tea tree oil.

## *Analysis summary – Consolidated contents*

New readers of similar reports are encouraged to read table footnotes at least once.

| Identification | % | Classe |
|---|---|---|
| Ethanol | 0.08 | Aliphatic alcohol |
| Isobutyral | 0.02 | Aliphatic aldehyde |
| Isovaleral | tr | Aliphatic aldehyde |
| 2-Methylbutyral | 0.02 | Aliphatic aldehyde |
| (3*Z*)-Hexenol | 0.08 | Aliphatic alcohol |
| Hexanol | 0.01 | Aliphatic alcohol |
| α-Thujene | 0.87 | Monoterpene |
| α-Pinene | 2.22 | Monoterpene |
| α-Fenchene | tr | Monoterpene |
| Camphene | 0.01 | Monoterpene |
| β-Pinene | 0.66 | Monoterpene |
| Sabinene | 0.39 | Monoterpene |
| 3-Methyl-3-cyclohexenone | 0.01 | Aliphatic ketone |
| Myrcene | 0.77 | Monoterpene |
| α-Phellandrene | 0.46 | Monoterpene |
| Pseudolimonene | 0.01 | Monoterpene |
| (3*Z*)-Hexenyl acetate | 0.01 | Aliphatic ester |
| α-Terpinene | 9.30 | Monoterpene |
| Carvomenthene | 0.01 | Aliphatic alcohol |
| para-Cymene | 2.52 | Monoterpene |
| 1,8-Cineole | 2.23 | Monoterpenic ether |
| Limonene | 0.69 | Monoterpene |
| (*Z*)-β-Ocimene | tr | Monoterpene |
| (*E*)-β-Ocimene | 0.02 | Monoterpene |
| γ-Terpinene | 19.00 | Monoterpene |
| *cis*-Sabinene hydrate | 0.12 | Monoterpenic alcohol |
| para-Cymenene | 0.01 | Monoterpene |
| Terpinolene | 3.31 | Monoterpene |
| *trans*-Sabinene hydrate | 0.17 | Monoterpenic alcohol |
| Linalool | 0.06 | Monoterpenic alcohol |
| para-Mentha-1,3,8-triene | 0.01 | Monoterpene |
| endo-Fenchol | 0.01 | Monoterpenic alcohol |
| *cis*-para-Menth-2-en-1-ol | 0.37 | Monoterpenic alcohol |
| 4-Hydroxy-4-methylcyclohex-2-enone | 0.03 | Aliphatic alcohol |
| Cosmene isomer I | 0.02 | Monoterpene |
| *trans*-Pinocarveol | 0.02 | Monoterpenic alcohol |
| *trans*-para-Menth-2-en-1-ol | 0.29 | Monoterpenic alcohol |
| δ-Terpineol | 0.02 | Monoterpenic alcohol |
| Terpinen-4-ol | 42.00 | Monoterpenic alcohol |
| Dill ether | 0.02 | Monoterpenic ether |
| para-Cymen-8-ol | 0.08 | Monoterpenic alcohol |
| α-Terpineol | 3.02 | Monoterpenic alcohol |
| Unknown | tr | Oxygenated monoterpene |
| *cis*-Piperitol | 0.09 | Monoterpenic alcohol |
| *trans*-Piperitol | 0.19 | Monoterpenic alcohol |
| exo-2-Hydroxycineole | 0.03 | Monoterpenic alcohol |
| Nerol | 0.03 | Monoterpenic alcohol |

| | | |
|---|---|---|
| Piperitone | 0.07 | Monoterpenic ketone |
| *cis*-Carvenone oxide? | 0.02 | Monoterpenic ketone |
| *trans*-Ascaridole glycol | 0.08 | Monoterpenic alcohol |
| *cis*-Ascaridole glycol | 0.06 | Monoterpenic alcohol |
| Thymol | 0.04 | Monoterpenic alcohol |
| Carvacrol | 0.01 | Monoterpenic alcohol |
| Unknown | 0.09 | Monoterpenic alcohol |
| Bicycloelemene | 0.03 | Sesquiterpene |
| α-Cubebene | 0.06 | Sesquiterpene |
| Isoledene | 0.06 | Sesquiterpene |
| α-Copaene | 0.11 | Sesquiterpene |
| 7-Cubebene | 0.05 | Sesquiterpene |
| 7-Cubebene epimer? | 0.02 | Aliphatic alcohol |
| β-Cubebene | 0.02 | Sesquiterpene |
| β-Elemene | 0.04 | Sesquiterpene |
| Methyleugenol | 0.11 | Phenylpropanoid |
| α-Gurjunene | 0.33 | Sesquiterpene |
| β-Maaliene | 0.01 | Sesquiterpene |
| β-Caryophyllene | 0.38 | Sesquiterpene |
| γ-Maaliene | 0.06 | Sesquiterpene |
| β-Gurjunene | 0.02 | Sesquiterpene |
| α-Maaliene | 0.07 | Sesquiterpene |
| Aromadendrene | 0.85 | Sesquiterpene |
| Selina-5,11-diene | 0.12 | Sesquiterpene |
| Cadina-3,5-diene isomer I? | 0.12 | Sesquiterpene |
| *trans*-Muurola-3,5-diene | 0.14 | Sesquiterpene |
| α-Humulene | 0.11 | Sesquiterpene |
| Valerena-4,7(11)-diene | 0.05 | Sesquiterpene |
| allo-Aromadendrene | 0.43 | Sesquiterpene |
| γ-Gurjunene | 0.04 | Sesquiterpene |
| *trans*-Cadina-1(6),4-diene | 0.32 | Sesquiterpene |
| γ-Muurolene | 0.04 | Sesquiterpene |
| Selina-4,11-diene | 0.04 | Sesquiterpene |
| β-Selinene | 0.09 | Sesquiterpene |
| allo-Aromadendr-9-ene | 0.09 | Sesquiterpene |
| δ-Selinene | 0.10 | Sesquiterpene |
| α-Selinene | 0.09 | Sesquiterpene |
| Viridiflorene | 0.89 | Sesquiterpene |
| Epizonarene | 0.12 | Sesquiterpene |
| Bicyclogermacrene | 0.84 | Sesquiterpene |
| α-Muurolene | 0.18 | Sesquiterpene |
| γ-Cadinene | 0.05 | Sesquiterpene |
| Zonarene | 0.27 | Sesquiterpene |
| *trans*-Calamenene | 0.12 | Sesquiterpene |
| δ-Cadinene | 1.25 | Sesquiterpene |
| *trans*-Cadina-1,4-diene | 0.20 | Sesquiterpene |
| α-Calacorene | 0.01 | Sesquiterpene |
| Maaliol | 0.04 | Sesquiterpenic alcohol |
| Eudesma-5,7(11)-diene | 0.02 | Sesquiterpene |
| Unknown | 0.04 | Oxygenated sesquiterpene |
| Spathulenol | 0.08 | Sesquiterpenic alcohol |
| Globulol | 0.27 | Sesquiterpenic alcohol |

| | | |
|---|---|---|
| Gleenol | 0.03 | Sesquiterpenic alcohol |
| Viridiflorol | 0.14 | Sesquiterpenic alcohol |
| Cubeban-11-ol | 0.15 | Sesquiterpenic alcohol |
| Eudesm-5-en-11-ol analog | 0.05 | Sesquiterpenic alcohol |
| Ledol | 0.06 | Sesquiterpenic alcohol |
| Eudesm-5-en-11-ol | 0.01 | Sesquiterpenic alcohol |
| Rosifoliol | 0.11 | Sesquiterpenic alcohol |
| 1-epi-Cubenol | 0.19 | Sesquiterpenic alcohol |
| Isospathulenol | 0.09 | Sesquiterpenic alcohol |
| Cubenol | 0.11 | Sesquiterpenic alcohol |
| α-Muurolol | 0.04 | Sesquiterpenic alcohol |
| α-Cadinol | 0.02 | Sesquiterpenic alcohol |
| **Consolidated total** | **99.07%** | |

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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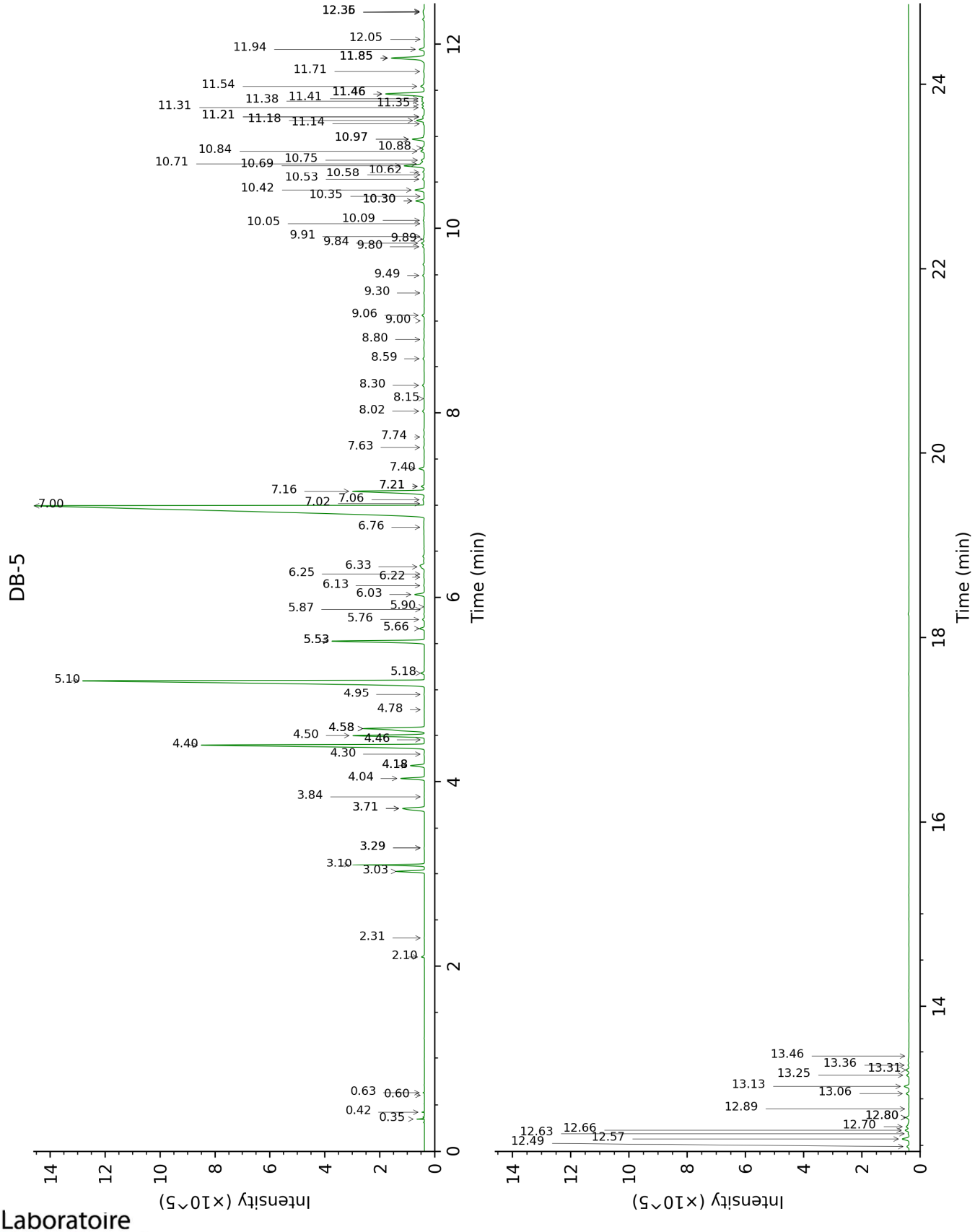
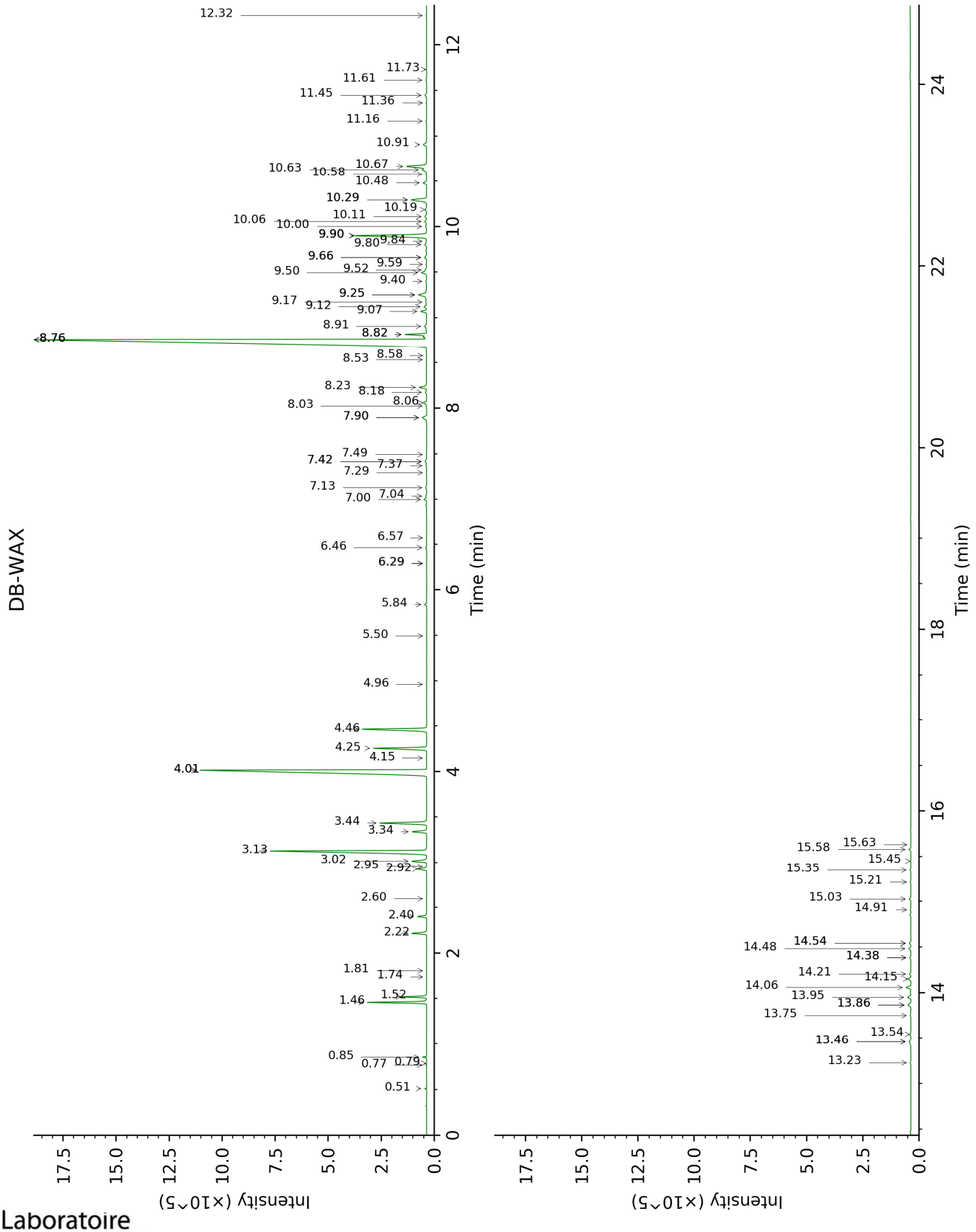

DB-5
Time (min)
Intensity (×10^5)
12.36
12.05
11.94
11.85
11.71
11.54
11.46
11.41
11.38
11.35
11.31
11.21
11.18
11.14
10.97
10.88
10.84
10.75
10.71
10.69
10.62
10.58
10.53
10.42
10.35
10.30
10.09
10.05
9.91
9.89
9.84
9.80
9.49
9.30
9.06
9.00
8.80
8.59
8.30
8.15
8.02
7.74
7.63
7.40
7.21
7.16
7.06
7.02
7.00
6.76
6.33
6.25
6.22
6.13
6.03
5.90
5.87
5.76
5.66
5.53
5.18
5.10
4.95
4.78
4.58
4.50
4.46
4.40
4.30
4.18
4.04
3.84
3.71
3.29
3.10
3.03
2.31
2.10
0.63
0.60
0.42
0.35
13.46
13.36
13.31
13.25
13.13
13.06
12.89
12.80
12.70
12.66
12.63
12.57
12.49


DB-WAX
Time (min)
Intensity (×10^5)
12.32
11.73
11.61
11.45
11.36
11.16
10.91
10.67
10.63
10.58
10.48
10.29
10.19
10.11
10.06
10.00
9.90
9.84
9.80
9.66
9.59
9.52
9.50
9.40
9.25
9.17
9.12
9.07
8.91
8.82
8.76
8.58
8.53
8.23
8.18
8.06
8.03
7.90
7.49
7.42
7.37
7.29
7.13
7.04
7.00
6.57
6.46
6.29
5.84
5.50
4.96
4.46
4.25
4.15
4.01
3.44
3.34
3.13
3.02
2.95
2.92
2.60
2.40
2.22
1.81
1.74
1.52
1.46
0.85
0.77
0.79
0.51
15.63
15.58
15.45
15.35
15.21
15.03
14.91
14.54
14.48
14.38
14.21
14.15
14.06
13.95
13.86
13.75
13.54
13.46
13.23

*FULL ANALYSIS DATA*

| Identification | Column DB-5 | | | Column DB-WAX | | |
|---|---|---|---|---|---|---|
| | R.T | R.I | % | R.T | R.I | % |
| Ethanol | 0.35 | 513 | 0.08 | 0.85 | 903 | 0.09 |
| Isobutyral | 0.42 | 528 | 0.02 | 0.51 | 782 | 0.03 |
| Isovaleral | 0.60 | 639 | tr | 0.79 | 886 | tr |
| 2-Methylbutyral | 0.63 | 649 | 0.02 | 0.77 | 879 | 0.02 |
| (3*Z*)-Hexenol | 2.10 | 854 | 0.08 | 5.84 | 1338 | 0.09 |
| Hexanol | 2.31 | 871 | 0.01 | 5.50 | 1314 | 0.01 |
| α-Thujene | 3.03 | 924 | 0.87 | 1.52 | 1002 | 0.87 |
| α-Pinene | 3.10 | 929 | 2.22 | 1.46 | 996 | 2.17 |
| α-Fenchene | 3.29* | 941 | 0.01 | 1.74 | 1023 | tr |
| Camphene | 3.29* | 941 | [0.01] | 1.81 | 1029 | 0.01 |
| β-Pinene | 3.71* | 969 | 1.07 | 2.22 | 1069 | 0.66 |
| Sabinene | 3.71* | 969 | [1.07] | 2.40 | 1087 | 0.39 |
| 3-Methyl-3-cyclohexenone | 3.84 | 978 | 0.01 | 6.29* | 1371 | 0.01 |
| Myrcene | 4.04 | 991 | 0.77 | 3.02 | 1136 | 0.76 |
| α-Phellandrene | 4.18* | 1000 | 0.47 | 2.92 | 1129 | 0.46 |
| Pseudolimonene | 4.18* | 1000 | [0.47] | 2.95 | 1132 | 0.01 |
| (3*Z*)-Hexenyl acetate | 4.30 | 1008 | 0.01 | 4.96 | 1285 | 0.02 |
| α-Terpinene | 4.40 | 1014 | 9.30 | 3.13 | 1145 | 9.18 |
| Carvomenthene | 4.46 | 1017 | 0.01 | 2.60 | 1104 | 0.01 |
| para-Cymene | 4.50 | 1020 | 2.52 | 4.26 | 1232 | 2.51 |
| 1,8-Cineole | 4.58* | 1025 | 2.95 | 3.44 | 1169 | 2.23 |
| Limonene | 4.58* | 1025 | [2.95] | 3.34 | 1162 | 0.69 |
| (*Z*)-β-Ocimene | 4.78 | 1038 | tr | 4.01* | 1214 | 18.81 |
| (*E*)-β-Ocimene | 4.94 | 1048 | 0.02 | 4.15 | 1224 | 0.02 |
| γ-Terpinene | 5.10 | 1058 | 19.00 | 4.01* | 1214 | [18.81] |
| *cis*-Sabinene hydrate | 5.18 | 1063 | 0.12 | 7.00 | 1424 | 0.12 |
| para-Cymenene | 5.53* | 1084 | 3.38 | 6.57 | 1392 | 0.01 |
| Terpinolene | 5.53* | 1084 | [3.38] | 4.46 | 1247 | 3.31 |
| *trans*-Sabinene hydrate | 5.66 | 1093 | 0.17 | 8.06 | 1503 | 0.18 |
| Linalool | 5.76 | 1099 | 0.06 | 8.18 | 1512 | 0.09 |
| para-Mentha-1,3,8-triene | 5.87 | 1106 | 0.01 | 6.29* | 1371 | [0.01] |
| endo-Fenchol | 5.90 | 1108 | 0.01 | 8.53 | 1540 | 0.02 |
| *cis*-para-Menth-2-en-1-ol | 6.03 | 1116 | 0.37 | 8.23 | 1517 | 0.42 |
| 4-Hydroxy-4-methylcyclohex-2-enone | 6.13 | 1123 | 0.03 | 14.20 | 2029 | 0.08 |
| Cosmene isomer I | 6.22 | 1129 | 0.02 | 6.46 | 1384 | 0.05 |
| *trans*-Pinocarveol | 6.25 | 1131 | 0.02 | 9.25* | 1596 | 0.67 |
| *trans*-para-Menth-2-en-1-ol | 6.33 | 1136 | 0.29 | 9.07 | 1582 | 0.28 |
| δ-Terpineol | 6.76 | 1163 | 0.02 | 9.59 | 1624 | 0.03 |
| Terpinen-4-ol | 7.00 | 1179 | 42.00 | 8.76*† | 1558 | 42.60 |

| | | | | | | |
|---|---|---|---|---|---|---|
| Dill ether | 7.02 | 1180 | 0.02 | 7.49 | 1461 | 0.03 |
| para-Cymen-8-ol | 7.06 | 1183 | 0.08 | 11.61 | 1793 | 0.04 |
| α-Terpineol | 7.16 | 1189 | 3.02 | 9.90* | 1649 | 4.01 |
| Unknown [m/z 121, 43 (99), 91 (85), 77 (73), 93 (41), 136 (33)... 166 (3)] | 7.21* | 1192 | 0.09 | | | |
| *cis*-Piperitol | 7.21* | 1192 | [0.09] | 9.66* | 1630 | 0.13 |
| *trans*-Piperitol | 7.40 | 1205 | 0.19 | 10.48 | 1696 | 0.19 |
| exo-2-Hydroxycineole | 7.63 | 1221 | 0.03 | 11.73 | 1803 | 0.02 |
| Nerol | 7.74 | 1228 | 0.03 | 11.16 | 1755 | 0.04 |
| Piperitone | 8.02 | 1247 | 0.07 | 10.00 | 1658 | 0.08 |
| *cis*-Carvenone oxide? | 8.16 | 1257 | 0.02 | | | |
| *trans*-Ascaridole glycol | 8.30 | 1266 | 0.08 | 14.38* | 2046 | 0.06 |
| *cis*-Ascaridole glycol | 8.59 | 1286 | 0.06 | 14.91 | 2096 | 0.04 |
| Thymol | 8.80 | 1301 | 0.04 | 15.22 | 2127 | 0.04 |
| Carvacrol | 9.00 | 1310 | 0.01 | 15.45 | 2150 | 0.02 |
| Unknown [m/z 97, 112 (92), 83 (62), 43 (44), 41 (25)... 170? (4)] | 9.06 | 1314 | 0.09 | 15.03 | 2108 | 0.10 |
| Bicycloelemene | 9.30 | 1331 | 0.03 | 7.29 | 1446 | 0.02 |
| α-Cubebene | 9.49 | 1345 | 0.06 | 7.04 | 1426 | 0.06 |
| Isoledene | 9.80 | 1366 | 0.06 | 7.13 | 1433 | 0.06 |
| α-Copaene | 9.84 | 1369 | 0.11 | 7.42* | 1455 | 0.12 |
| 7-Cubebene | 9.89 | 1372 | 0.05 | 7.37 | 1451 | 0.05 |
| 7-Cubebene epimer? | 9.92 | 1374 | 0.02 | 7.42* | 1455 | [0.12] |
| β-Cubebene | 10.05 | 1384 | 0.02 | 8.02 | 1501 | 0.04 |
| β-Elemene | 10.09 | 1386 | 0.04 | 8.76*† | 1558 | [42.60] |
| Methyleugenol | 10.30* | 1401 | 0.37 | 13.46* | 1958 | 0.16 |
| α-Gurjunene | 10.30* | 1401 | [0.37] | 7.90* | 1491 | 0.34 |
| β-Maaliene | 10.35 | 1405 | 0.01 | 7.90* | 1491 | [0.34] |
| β-Caryophyllene | 10.42 | 1410 | 0.38 | 8.76*† | 1558 | [42.60] |
| γ-Maaliene | 10.53 | 1419 | 0.06 | 8.76*† | 1558 | [42.60] |
| β-Gurjunene | 10.58 | 1422 | 0.02 | 8.58 | 1544 | 0.01 |
| α-Maaliene | 10.62 | 1425 | 0.07 | 8.82* | 1562 | 0.83 |
| Aromadendrene | 10.69 | 1430 | 0.85 | 8.82* | 1562 | [0.83] |
| Selina-5,11-diene | 10.71 | 1431 | 0.12 | 8.91 | 1569 | 0.14 |
| Cadina-3,5-diene isomer I? | 10.75 | 1434 | 0.12 | | | |
| *trans*-Muurola-3,5-diene | 10.84 | 1442 | 0.14 | 9.12 | 1586 | 0.16 |
| α-Humulene | 10.88 | 1444 | 0.11 | 9.52 | 1618 | 0.08 |
| Valerena-4,7(11)-diene | 10.97* | 1451 | 0.48 | 9.17 | 1590 | 0.05 |
| allo- | 10.97* | 1451 | [0.48] | 9.25* | 1596 | [0.67] |

| | | | | | | |
|---|---|---|---|---|---|---|
| Aromadendrene | | | | | | |
| γ-Gurjunene | 11.14 | 1463 | 0.04 | 9.40 | 1608 | 0.06 |
| *trans*-Cadina-1(6),4-diene | 11.18 | 1466 | 0.32 | 9.50 | 1616 | 0.33 |
| γ-Muurolene | 11.22* | 1469 | 0.08 | 9.84 | 1644 | 0.04 |
| Selina-4,11-diene | 11.22* | 1469 | [0.08] | 9.66* | 1630 | [0.13] |
| β-Selinene | 11.32 | 1476 | 0.09 | 10.11 | 1666 | 0.11 |
| allo-Aromadendr-9-ene | 11.35 | 1479 | 0.09 | 9.80 | 1641 | 0.12 |
| δ-Selinene | 11.38 | 1482 | 0.10 | 9.90* | 1649 | [4.01] |
| α-Selinene | 11.41 | 1483 | 0.09 | 10.19 | 1672 | 0.10 |
| Viridiflorene | 11.46* | 1487 | 1.84 | 9.90* | 1649 | [4.01] |
| Epizonarene | 11.46* | 1487 | [1.84] | 10.06 | 1662 | 0.12 |
| Bicyclogermacrene | 11.46* | 1487 | [1.84] | 10.29* | 1681 | 1.02 |
| α-Muurolene | 11.54 | 1493 | 0.18 | 10.29* | 1681 | [1.02] |
| γ-Cadinene | 11.70 | 1506 | 0.05 | 10.58 | 1705 | 0.03 |
| Zonarene | 11.85* | 1517 | 1.54 | 10.63 | 1709 | 0.27 |
| *trans*-Calamenene | 11.85* | 1517 | [1.54] | 11.45 | 1779 | 0.12 |
| δ-Cadinene | 11.85* | 1517 | [1.54] | 10.67 | 1712 | 1.25 |
| *trans*-Cadina-1,4-diene | 11.94 | 1524 | 0.20 | 10.91 | 1733 | 0.20 |
| α-Calacorene | 12.05 | 1533 | 0.01 | 12.32 | 1856 | 0.03 |
| Maaliol | 12.35* | 1555 | 0.06 | 13.23 | 1937 | 0.04 |
| Eudesma-5,7(11)-diene | 12.35* | 1555 | [0.06] | 11.36 | 1772 | 0.02 |
| Unknown [m/z 161, 109 (98), 82 (93), 43 (72), 105 (68), 93 (59), 69 (56), 119 (55)... 222 (7)] | 12.36 | 1556 | 0.04 | 13.46* | 1958 | [0.16] |
| Spathulenol | 12.49 | 1566 | 0.08 | 14.54* | 2061 | 0.09 |
| Globulol | 12.57 | 1573 | 0.27 | 14.06 | 2015 | 0.27 |
| Gleenol | 12.63 | 1577 | 0.03 | 13.75 | 1986 | 0.04 |
| Viridiflorol | 12.66 | 1580 | 0.14 | 14.15 | 2024 | 0.15 |
| Cubeban-11-ol | 12.70 | 1583 | 0.15 | 13.86* | 1996 | 0.20 |
| Eudesm-5-en-11-ol analog | 12.80* | 1591 | 0.11 | 14.38* | 2046 | [0.06] |
| Ledol | 12.80* | 1591 | [0.11] | 13.54 | 1966 | 0.06 |
| Eudesm-5-en-11-ol | 12.89 | 1598 | 0.01 | 14.54* | 2061 | [0.09] |
| Rosifoliol | 13.06 | 1611 | 0.11 | 14.48 | 2056 | 0.11 |
| 1-epi-Cubenol | 13.13 | 1618 | 0.19 | 13.95 | 2004 | 0.19 |
| Isospathulenol | 13.25 | 1628 | 0.09 | 15.58 | 2163 | 0.11 |
| Cubenol | 13.31 | 1632 | 0.11 | 13.86* | 1996 | [0.20] |
| α-Muurolol | 13.36 | 1636 | 0.04 | 15.35 | 2140 | 0.06 |
| α-Cadinol | 13.46 | 1644 | 0.02 | 15.63 | 2169 | 0.01 |
| **Total identified** | | **98.88%** | | | **98.85%** | |
| **Total reported** | | **99.01%** | | | **98.95%** | |

*: 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

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