

Date : 2023-09-14

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 23I07-PTH01

Customer Identification : Jasmine Sambac Absolute - India - J10113R

Type : Absolute

Source : *Jasminum sambac*

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-004 - Terpenes and volatiles profiling by response factor

Results : See analysis summary (next page)

Analyst : Alexis St-Gelais, Ph. D., Chimiste 2013-174

Date : 2023-09-14

PHYSICOCHEMICAL DATA

CONCLUSION

No adulterant, contaminant or diluent has been detected using this method.

ANALYSIS SUMMARY

| Identification | mg/g | % m/m | Class |
|-------------------------------------|--------|-------|----------------------|
| (3E)-Hexenol | 0.29 | 0.03 | Aliphatic alcohol |
| (3Z)-Hexenol | 0.07 | 0.01 | Aliphatic alcohol |
| Hexanol | 0.75 | 0.07 | Aliphatic alcohol |
| (3Z)-Hexenyl formate | 0.04 | tr | Aliphatic ester |
| Benzaldehyde | 0.09 | 0.01 | Simple phenolic |
| 6-Methyl-5-hepten-2-one | 0.15 | 0.01 | Aliphatic ketone |
| (3Z)-Hexenyl acetate | 15.98 | 1.60 | Aliphatic ester |
| Hexyl acetate | 0.20 | 0.02 | Aliphatic ester |
| (2E)-Hexenyl acetate | 0.37 | 0.04 | Aliphatic ester |
| Benzyl alcohol | 102.43 | 10.24 | Simple phenolic |
| (E)-β-Ocimene | 0.28 | 0.03 | Monoterpene |
| cis-Linalool oxide (fur.) | 0.31 | 0.03 | Monoterpenic alcohol |
| Benzyl formate | 0.44 | 0.04 | Phenolic ester |
| para-Cresol | 1.71 | 0.17 | Simple phenolic |
| Methyl benzoate | 5.31 | 0.53 | Phenolic ester |
| Linalool | 77.07 | 7.71 | Monoterpenic alcohol |
| Phenylethyl alcohol | 10.73 | 1.07 | Simple phenolic |
| Benzeneacetonitrile | 15.57 | 1.56 | Simple phenolic |
| Benzyl acetate | 83.88 | 8.39 | Phenolic ester |
| Ethyl benzoate | 0.96 | 0.10 | Phenolic ester |
| Unknown | 5.03 | 0.50 | Unknown |
| trans-Linalool oxide (pyr.) | 1.14 | 0.11 | Monoterpenic alcohol |
| (3Z)-Hexenyl butyrate | 0.23 | 0.02 | Aliphatic ester |
| α-Terpineol | 2.09 | 0.21 | Monoterpenic alcohol |
| Methyl salicylate | 0.43 | 0.04 | Phenolic ester |
| (3Z)-Hexenyl 2-methylbutyrate | 0.17 | 0.02 | Aliphatic ester |
| (3Z)-Hexenyl isovalerate | 0.18 | 0.02 | Aliphatic ester |
| Phenylethyl acetate | 3.55 | 0.35 | Phenolic ester |
| Geraniol | 0.76 | 0.08 | Monoterpenic alcohol |
| Unknown | 1.56 | 0.16 | Unknown |
| Ethyl salicylate | 0.55 | 0.06 | Phenolic ester |
| 2,6-Dimethyl-1,7-octadiene-3,6-diol | 0.22 | 0.02 | Monoterpenic alcohol |
| Unknown | 2.02 | 0.20 | Unknown |
| 1-Nitro-2-phenylethane | 0.27 | 0.03 | Simple phenolic |
| Indole | 8.79 | 0.88 | Indole |
| (E)-Cinnamyl alcohol | 1.66 | 0.17 | Phenylpropanoid |
| Methyl anthranilate | 63.76 | 6.38 | Phenolic ester |
| Eugenol | 0.36 | 0.04 | Phenylpropanoid |
| 8-Hydroxylinalool isomer | 2.26 | 0.23 | Monoterpenic alcohol |
| Neryl acetate | 0.76 | 0.08 | Monoterpenic ester |
| α-Copaene | 0.59 | 0.06 | Sesquiterpene |

| | | | |
|---|--------|-------|------------------------|
| Butyl benzoate | 0.22 | 0.02 | Phenolic ester |
| Methyl (<i>E</i>)-cinnamate | 0.44 | 0.04 | Phenylpropanoid ester |
| (<i>Z</i>)-Hexenyl (<i>Z</i>)-hexenoate | 0.16 | 0.02 | Aliphatic ester |
| (<i>Z</i>)-Hexenyl hexanoate? | 0.47 | 0.05 | Aliphatic ester |
| β -Elemene | 0.76 | 0.08 | Sesquiterpene |
| (<i>Z</i>)-Jasmone | 0.34 | 0.03 | Jasmonate |
| Dimethyl anthranilate | 0.11 | 0.01 | Phenolic ester |
| Ethyl anthranilate | 0.12 | 0.01 | Phenolic ester |
| β -Caryophyllene | 0.39 | 0.04 | Sesquiterpene |
| (<i>E</i>)-Cinnamyl acetate | 0.23 | 0.02 | Phenylpropanoid ester |
| α -Humulene | 0.50 | 0.05 | Sesquiterpene |
| (<i>E</i>)- β -Farnesene | 0.10 | 0.01 | Sesquiterpene |
| Oxindole? | 0.19 | 0.02 | Indole |
| γ -Muurolene | 0.52 | 0.05 | Sesquiterpene |
| Germacrene D | 2.50 | 0.25 | Sesquiterpene |
| (<i>Z</i>)-Jasmin lactone | 0.16 | 0.02 | Aliphatic lactone |
| Bicyclogermacrene | 1.29 | 0.13 | Sesquiterpene |
| epi-Cubebol | 0.46 | 0.05 | Sesquiterpenic alcohol |
| α -Muurolene | 0.87 | 0.09 | Sesquiterpene |
| (<i>Z,Z,6E</i>)- α -Farnesene | 1.23 | 0.12 | Sesquiterpene |
| γ -Cadinene | 2.93 | 0.29 | Sesquiterpene |
| (<i>3E,6E</i>)- α -Farnesene | 101.47 | 10.15 | Sesquiterpene |
| δ -Cadinene | 4.92 | 0.49 | Sesquiterpene |
| 10-epi-Cubebol? | 0.22 | 0.02 | Sesquiterpenic alcohol |
| α -Cadinene | 0.25 | 0.03 | Sesquiterpene |
| Methyl N-formylantranilate | 0.25 | 0.03 | Phenolic ester |
| (<i>E</i>)-Nerolidol | 2.43 | 0.24 | Sesquiterpenic alcohol |
| (<i>Z</i>)-Hexenyl benzoate | 47.77 | 4.78 | Phenolic ester |
| Hexyl benzoate | 1.11 | 0.11 | Phenolic ester |
| Germacrene D-4-ol | 20.59 | 2.06 | Sesquiterpenic alcohol |
| Caryophyllene oxide isomer | 0.11 | 0.01 | Sesquiterpenic ether |
| Caryophyllene oxide | 0.24 | 0.02 | Sesquiterpenic ether |
| (<i>2E</i>)-Hexenyl benzoate | 0.67 | 0.07 | Phenolic ester |
| Methyl N-acetylantranilate | 4.43 | 0.44 | Phenolic ester |
| Ledol | 0.24 | 0.02 | Sesquiterpenic alcohol |
| τ -Cadinol | 0.84 | 0.08 | Sesquiterpenic alcohol |
| τ -Muurolol | 0.71 | 0.07 | Sesquiterpenic alcohol |
| α -Muurolol | 0.23 | 0.02 | Sesquiterpenic alcohol |
| Methyl <i>cis</i> -jasmonate | 0.53 | 0.05 | Jasmonate |
| α -Cadinol | 1.89 | 0.19 | Sesquiterpenic alcohol |
| Unknown | 0.62 | 0.06 | Unknown |
| (<i>3E,5E</i>)-7-Hydroxyfarnesene | 0.24 | 0.02 | Sesquiterpenic alcohol |
| Methyl <i>trans</i> -jasmonate | 1.07 | 0.11 | Jasmonate |
| Shyobunol | 0.35 | 0.03 | Sesquiterpenic alcohol |
| Unknown | 1.06 | 0.11 | Unknown |

| | | | |
|--|-------|------|------------------------|
| (2E,6E)-Farnesol | 0.71 | 0.07 | Sesquiterpenic alcohol |
| Oplopanone | 1.76 | 0.18 | Sesquiterpenic alcohol |
| Unknown | 3.56 | 0.36 | Unknown |
| Benzyl benzoate | 4.83 | 0.48 | Phenolic ester |
| Unknown | 0.25 | 0.03 | Unknown |
| Phenylethyl benzoate | 2.02 | 0.20 | Phenolic ester |
| (2E,6E)-Farnesyl acetate | 2.08 | 0.21 | Sesquiterpenic ester |
| Benzyl salicylate | 0.62 | 0.06 | Phenolic ester |
| meta-Camphorene | 0.08 | 0.01 | Diterpene |
| Isophytol | 0.12 | 0.01 | Diterpenic alcohol |
| Palmitic acid | 3.43 | 0.34 | Aliphatic acid |
| para-Camphorene | 0.51 | 0.05 | Diterpene |
| Ethyl palmitate | 0.75 | 0.07 | Aliphatic ester |
| (E,E)-Geranylinalool | 10.49 | 1.05 | Diterpenic alcohol |
| (E)-Cinnamyl benzoate | 0.54 | 0.05 | Phenylpropanoid ester |
| Methyl linoleate | 2.62 | 0.26 | Aliphatic ester |
| Methyl α-linolenate | 23.18 | 2.32 | Aliphatic ester |
| Phytol | 0.11 | 0.01 | Diterpenic alcohol |
| Methyl stearate | 2.21 | 0.22 | Aliphatic ester |
| α-Linolenic acid | 4.96 | 0.50 | Aliphatic acid |
| Ethyl linoleate | 1.43 | 0.14 | Aliphatic ester |
| Ethyl α-linolenate | 1.44 | 0.14 | Aliphatic ester |
| Methyl (E)-phytenate | 1.88 | 0.19 | Diterpenic ester |
| Unknown | 0.57 | 0.06 | Unknown |
| (E)-Phytol acetate | 0.52 | 0.05 | Diterpenic ester |
| (9Z)-Eicosenol? | 0.87 | 0.09 | Aliphatic alcohol |
| (9Z)-Tricosene | 25.12 | 2.51 | Alkene |
| Methyl arachidate | 0.44 | 0.04 | Aliphatic ester |
| 4,8,12,16-Tetramethylheptadecan-4-oxide? | 0.48 | 0.05 | Terpenic lactone |
| Tetracosene isomer | 1.54 | 0.15 | Alkene |
| Unknown | 0.30 | 0.03 | Unknown |
| 2-Monopalmitin | 0.20 | 0.02 | Glyceride |
| Benzyl palmitate | 2.45 | 0.25 | Phenolic ester |
| Benzyl oleate | 1.42 | 0.14 | Phenolic ester |
| Benzyl α-linolenate | 9.13 | 0.91 | Phenolic ester |
| Benzyl stearate | 0.58 | 0.06 | Phenolic ester |
| Squalene | 4.28 | 0.43 | Triterpene |
| 2,3-Oxidosqualene | 2.91 | 0.29 | Triterpenic ether |
| 2,3-Dihydro-3-oxosqualene? | 0.13 | 0.01 | Triterpenic ketone |
| Benzyl arachidate | 0.16 | 0.02 | Phenolic ester |
| 2,6,10,15,19,23-Hexamethyl-(6E,10E,14E,18E)-1,6,10,14,18,22-tetracosahexaen-3-ol | 0.26 | 0.03 | Triterpenic alcohol |
| Unknown | 0.24 | 0.02 | Triterpenic alcohol |
| Benzyl behenate | 0.20 | 0.02 | Phenolic ester |

Absolute, *Jasminum sambac*
Internal code: 23I07-PTH01

Jasmine Sambac Absolute - India - J10113R

Report prepared for:
Plant Therapy

| | | | |
|---------------------------|---------------|--------------|---------|
| Unknown | 6.58 | 0.66 | Unknown |
| Consolidated total | 747.21 | 74.72 | |

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

Note: Individual compounds contents were corrected following the method of Cachet et al., 2016 (Flavour and Fragrance Journal guidelines).

Unknown compounds are expressed in equivalents of internal standard without correction.

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: 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.

Absolute, *Jasminum sambac*
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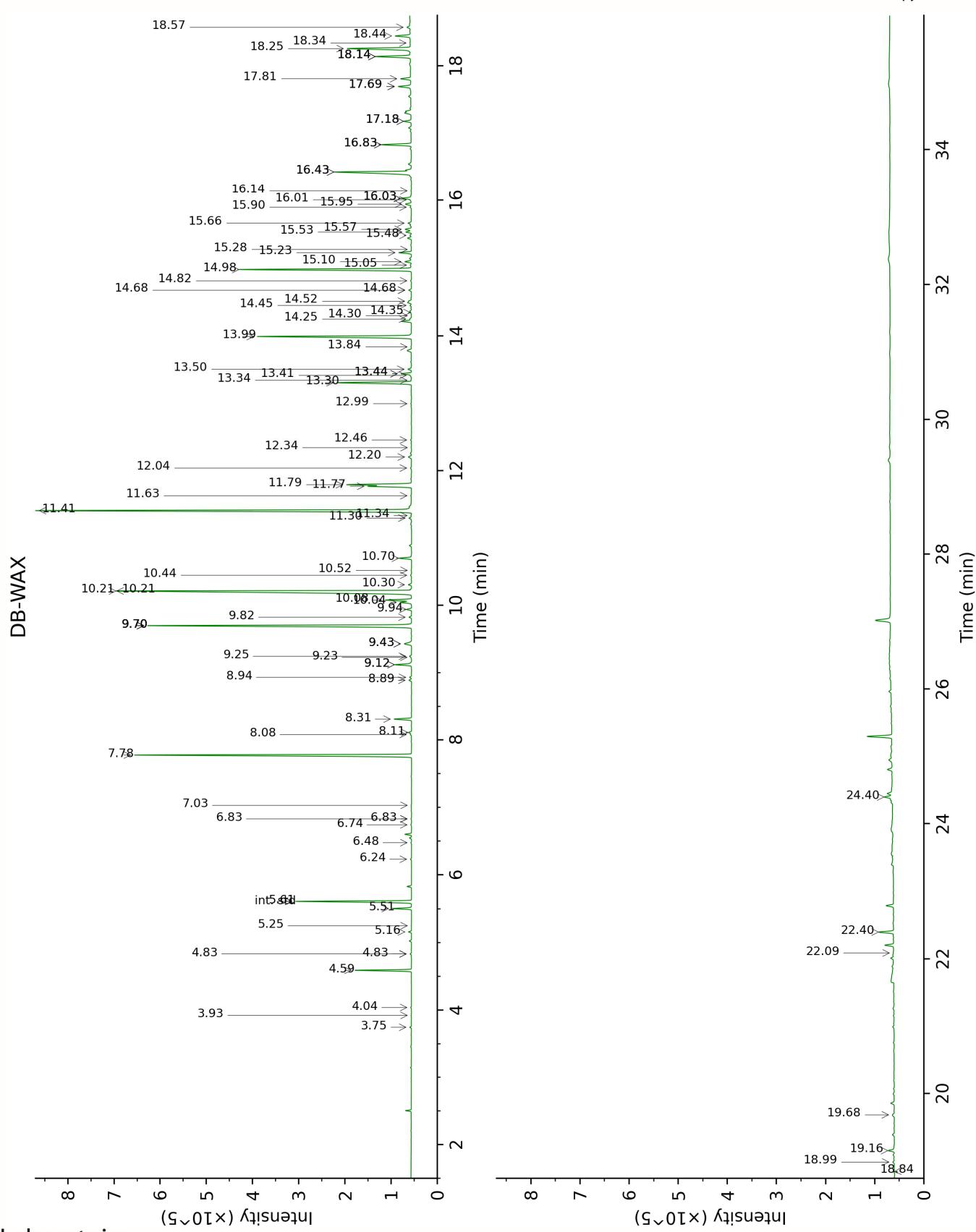
Jasmine Sambac Absolute - India - J10113R

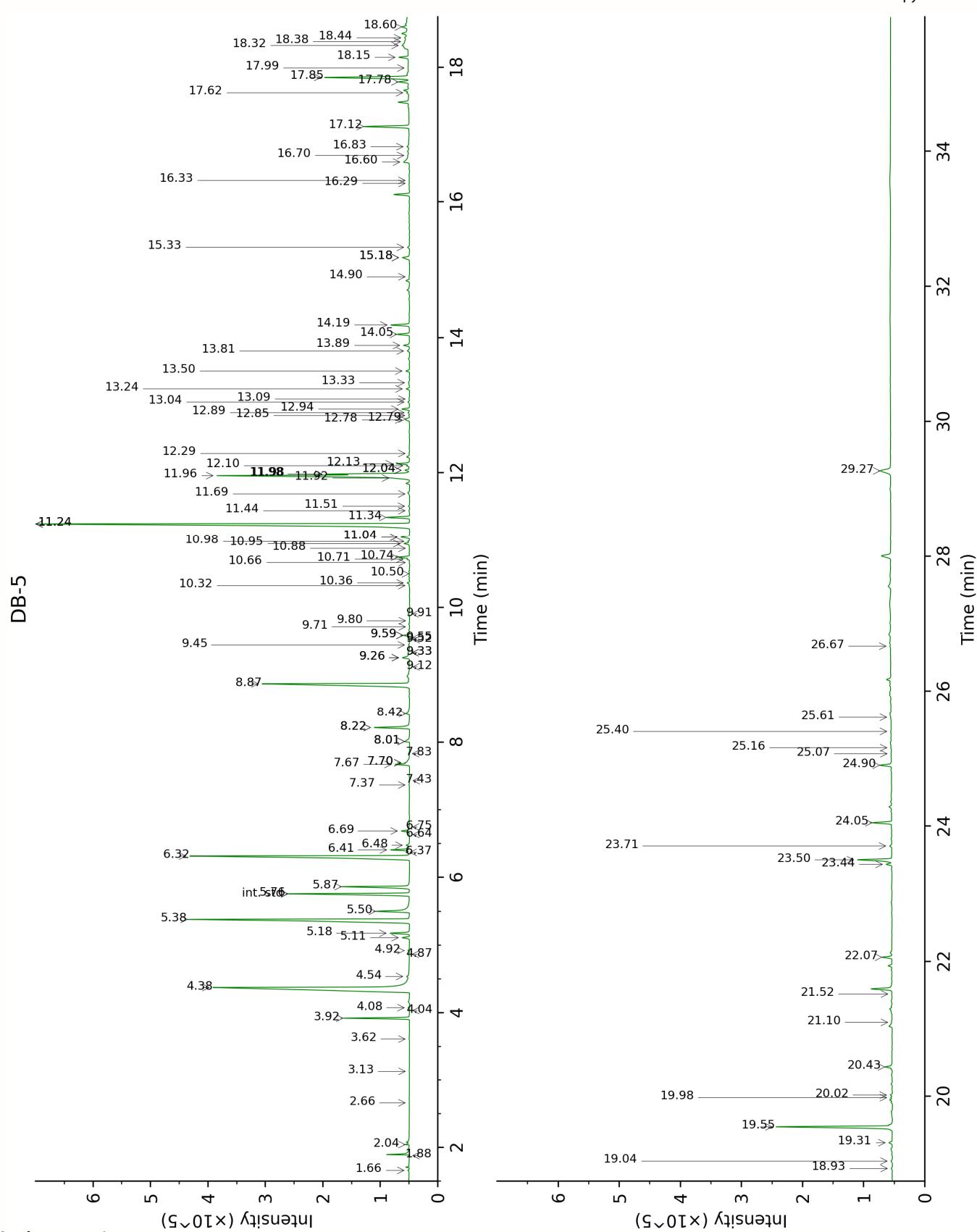
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Plus que des analyses... des conseils

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FULL ANALYSIS DATA

| (3E)-Hexenol | Column DB-WAX | | | Column DB-5 | | |
|--|----------------------|--------|---------|--------------------|--------|--------|
| | 5.25 | 1331.0 | 0.01 | 1.66 | 840.7 | 0.03 |
| (3Z)-Hexenol | 5.51 | 1349.4 | 0.56 | 1.88 | 860.6 | 0.01 |
| Hexanol | 5.16 | 1324.4 | 0.09 | 2.04 | 875.5 | 0.08 |
| (3Z)-Hexenyl formate | 3.93 | 1233.8 | 0.01 | 2.66 | 925.4 | tr |
| Benzaldehyde | 7.03 | 1461.6 | 0.01 | 3.13 | 957.6 | 0.01 |
| 6-Methyl-5-hepten-2-one | 4.83* | 1300.8 | [0.04] | 3.62 | 991.4 | 0.02 |
| (3Z)-Hexenyl acetate | 4.59 | 1283.8 | 1.55 | 3.92 | 1012.2 | 1.51 |
| Hexyl acetate | 4.04 | 1242.5 | 0.02 | 4.04 | 1019.5 | 0.02 |
| (2E)-Hexenyl acetate | 4.83* | 1300.8 | [0.04] | 4.08 | 1022.1 | 0.04 |
| Benzyl alcohol | 11.41 | 1816.0 | 12.84 | 4.38 | 1041.2 | 12.19 |
| (E)-β-Ocimene | 3.75 | 1220.6 | 0.04 | 4.54 | 1051.7 | 0.04 |
| cis-Linalool oxide (fur.) | 6.24 | 1402.2 | 0.04 | 4.87 | 1072.6 | 0.03 |
| Benzyl formate | 9.12* | 1623.8 | [0.58] | 4.92 | 1076.1 | 0.04 |
| para-Cresol | 14.68* | 2121.9 | [0.10] | 5.11 | 1088.4 | 0.20 |
| Methyl benzoate | 8.31 | 1559.2 | 0.56 | 5.18 | 1092.6 | 0.53 |
| Linalool | 7.78 | 1517.9 | 9.26 | 5.38 | 1105.7 | 9.07 |
| Phenylethyl alcohol | 11.77 | 1848.0 | 1.35 | 5.50 | 1113.4 | 1.31 |
| Benzeneacetonitrile | 11.80 | 1850.1 | 2.16 | 5.87 | 1136.9 | 1.96 |
| Benzyl acetate | 9.70* | 1670.7 | [9.26] | 6.32 | 1166.2 | 8.75 |
| Ethyl benzoate | 8.89 | 1605.1 | 0.09 | 6.37 | 1169.7 | 0.10 |
| Unknown JASA I [m/z 43, 69 (35), 41 (26), 83 (25), 57 (22)... 150 (1)] | 9.12* | 1623.8 | [0.58] | 6.41 | 1172.1 | 0.51 |
| trans-Linalool oxide (pyr.) | 10.30 | 1721.1 | 0.11 | 6.48 | 1176.5 | 0.12 |
| (3Z)-Hexenyl butyrate | 6.48 | 1420.4 | 0.02 | 6.64 | 1186.7 | 0.02 |
| α-Terpineol | 9.43* | 1648.9 | [0.37] | 6.69 | 1190.1 | 0.25 |
| Methyl salicylate | 10.21* | 1713.2 | [13.78] | 6.75 | 1194.0 | 0.04 |
| (3Z)-Hexenyl 2-methylbutyrate | 6.74 | 1440.1 | 0.03 | 7.37 | 1235.3 | 0.02 |
| (3Z)-Hexenyl isovalerate | 6.83* | 1446.7 | [0.02] | 7.43 | 1239.6 | 0.02 |
| Phenylethyl acetate | 10.70 | 1754.3 | 0.41 | 7.67 | 1255.8 | 0.38 |
| Geraniol | 11.30 | 1806.2 | 0.09 | 7.70* | 1257.5 | [0.25] |
| Unknown JASA II [m/z 91, 117 (80), 90 (42), 118 (29)... 136 (5)] | 16.03* | 2260.6 | [0.37] | 7.70* | 1257.5 | [0.25] |
| Ethyl salicylate | 10.52 | 1739.1 | 0.02 | 7.83 | 1266.6 | 0.05 |
| 2,6-Dimethyl-1,7-octadiene-3,6-diol | 14.35 | 2088.8 | 0.02 | 8.01* | 1278.7 | [0.23] |
| Unknown JASA III [m/z 91, 117 (98), 90 (65), 89 (29), 65 (29), 118 (26), | | | | 8.01* | 1278.7 | [0.23] |

| | | | | | | |
|---------------------------------|--------|--------|---------|---------|--------|---------|
| 135 (23)] | | | | | | |
| 1-Nitro-2-phenylethane | 13.84 | 2039.9 | 0.03 | 8.22* | 1292.6 | [1.13] |
| Indole | 16.83* | 2346.7 | [1.08] | 8.22* | 1292.6 | [1.13] |
| (E)-Cinnamyl alcohol | 15.53 | 2208.7 | 0.20 | 8.42 | 1306.6 | 0.20 |
| Methyl anthranilate | 14.98 | 2152.5 | 5.99 | 8.87 | 1338.4 | 5.92 |
| Eugenol | 14.45 | 2099.3 | 0.05 | 9.12 | 1356.3 | 0.04 |
| 8-Hydroxylinalool isomer | 16.03* | 2260.6 | [0.37] | 9.26* | 1365.9 | [0.31] |
| Neryl acetate | 9.82 | 1680.8 | 0.08 | 9.26* | 1365.9 | [0.31] |
| α -Copaene | 6.83* | 1446.7 | [0.02] | 9.33* | 1371.1 | [0.10] |
| Butyl benzoate | 11.34 | 1809.5 | 0.02 | 9.33* | 1371.1 | [0.10] |
| Methyl (E)-cinnamate | 13.41 | 1998.3 | 0.05 | 9.45 | 1379.3 | 0.05 |
| (3Z)-Hexenyl (3Z)- hexenoate | 9.70* | 1670.7 | [9.26] | 9.52 | 1384.8 | 0.02 |
| (3Z)-Hexenyl hexanoate? | | | | 9.55 | 1386.7 | 0.05 |
| β -Elemene | 8.11 | 1543.8 | 0.11 | 9.59* | 1389.3 | [0.18] |
| (Z)-Jasmone | 12.04 | 1872.0 | 0.04 | 9.59* | 1389.3 | [0.18] |
| Dimethyl anthranilate | 13.34 | 1991.2 | 0.02 | 9.71 | 1398.3 | 0.01 |
| Ethyl anthranilate | 15.28 | 2182.1 | 0.01 | 9.80 | 1404.7 | 0.01 |
| β -Caryophyllene | 8.08 | 1541.5 | 0.04 | 9.91 | 1412.3 | 0.05 |
| (E)-Cinnamyl acetate | 14.30 | 2084.3 | 0.01 | 10.32 | 1443.5 | 0.02 |
| α -Humulene | 8.94 | 1608.6 | 0.07 | 10.36 | 1446.5 | 0.07 |
| (E)- β -Farnesene | 9.23 | 1632.6 | 0.02 | 10.50 | 1456.6 | 0.01 |
| Oxindole? | | | | 10.66 | 1469.1 | 0.02 |
| γ -Muurolene | 9.25 | 1633.9 | 0.07 | 10.71 | 1472.8 | 0.07 |
| Germacrene D | 9.43* | 1648.9 | [0.37] | 10.74 | 1475.0 | 0.34 |
| (Z)-Jasmin lactone | 15.23 | 2177.5 | 0.43 | 10.88 | 1484.9 | 0.02 |
| Bicyclogermacrene | 9.70* | 1670.7 | [9.26] | 10.94 | 1490.2 | 0.18 |
| epi-Cubebol | 11.63 | 1835.6 | 0.02 | 10.98 | 1492.6 | 0.06 |
| α -Muurolene | 9.70* | 1670.7 | [9.26] | 11.04* | 1497.5 | [0.29] |
| (3Z,6E)- α -Farnesene | 9.94 | 1690.2 | 0.17 | 11.04* | 1497.5 | [0.29] |
| γ -Cadinene | 10.04 | 1698.8 | 0.41 | 11.24* | 1512.9 | [14.20] |
| (3E,6E)- α -Farnesene | 10.21* | 1713.2 | [13.78] | 11.24* | 1512.9 | [14.20] |
| δ -Cadinene | 10.08 | 1701.7 | 0.88 | 11.34 | 1520.6 | 0.67 |
| 10-epi-Cubebol? | 13.44* | 2000.6 | [0.36] | 11.44 | 1528.4 | 0.03 |
| α -Cadinene | 10.44 | 1732.9 | 0.04 | 11.51 | 1533.7 | 0.03 |
| Methyl N- formylanthranilate | 18.34 | 2515.3 | 0.01 | 11.69 | 1548.0 | 0.02 |
| (E)-Nerolidol | 13.44* | 2000.6 | [0.36] | 11.92 | 1566.5 | 0.30 |
| (3Z)-Hexenyl benzoate | 14.00 | 2054.7 | 5.58 | 11.96*† | 1569.4 | [6.19] |
| Hexyl benzoate | 13.50 | 2006.9 | 0.13 | 11.98*† | 1571.0 | [2.03] |
| Germacrene D-4-ol | 13.30 | 1987.9 | 2.64 | 11.98*† | 1571.0 | [2.03] |
| Caryophyllene oxide isomer | 12.34 | 1899.1 | 0.01 | 12.04* | 1575.6 | [0.14] |
| Caryophyllene oxide | 12.46 | 1909.6 | 0.03 | 12.04* | 1575.6 | [0.14] |

| | | | | | | |
|--|--------|--------|--------|--------|--------|--------|
| (2E)-Hexenyl benzoate | 14.25 | 2079.5 | 0.06 | 12.10 | 1580.9 | 0.08 |
| Methyl N-acetylanthranilate | 17.18* | 2384.2 | [0.25] | 12.13 | 1583.2 | 0.39 |
| Ledol | 12.99 | 1959.2 | 0.03 | 12.29 | 1595.2 | 0.03 |
| τ-Cadinol | 14.52 | 2105.6 | 0.09 | 12.78 | 1635.9 | 0.10 |
| τ-Muurolol | 14.68* | 2121.9 | [0.10] | 12.80 | 1637.0 | 0.09 |
| α-Muurolol | 14.82 | 2135.8 | 0.03 | 12.85 | 1641.2 | 0.03 |
| Methyl cis-jasmonate | 16.01 | 2258.4 | 0.04 | 12.89 | 1644.8 | 0.05 |
| α-Cadinol | 15.10 | 2164.0 | 0.25 | 12.94 | 1649.1 | 0.24 |
| Unknown JASA IV [m/z 99, 161 (100), 43 (92), 204 (74), 71 (73), 121 (65)...] | | | | 13.04 | 1657.8 | 0.06 |
| (3E,5E)-7-Hydroxyfarnesene | 15.90 | 2247.0 | 0.05 | 13.09 | 1661.4 | 0.03 |
| Methyl trans-jasmonate | 16.83* | 2346.7 | [1.08] | 13.24 | 1673.9 | 0.10 |
| Shyobunol | 15.94 | 2251.8 | 0.25 | 13.33 | 1681.5 | 0.04 |
| Unknown JASA V [m/z 99, 43 (47), 161 (42), 71 (39), 204 (31), 121 (28)...] | 12.20 | 1886.5 | 0.14 | 13.50 | 1695.9 | 0.11 |
| (2E,6E)-Farnesol | 16.43* | 2302.9 | [3.49] | 13.81 | 1722.1 | 0.09 |
| Oplopanone | 17.69* | 2441.9 | [0.50] | 13.89 | 1729.3 | 0.20 |
| Unknown JASA VI [m/z 105, 77 (42), 69 (29), 161 (19), 83 (16)...] | 17.81 | 2454.9 | 0.36 | 14.05 | 1743.5 | 0.36 |
| Benzyl benzoate | 18.44 | 2527.5 | 0.57 | 14.19 | 1755.5 | 0.58 |
| Unknown JASA VII [m/z 43, 159 (79), 93 (49), 119 (48), 161 (40), 187 (36)... 238? (2)] | | | | 14.90 | 1818.0 | 0.03 |
| Phenylethyl benzoate | 19.16 | 2611.6 | 0.25 | 15.18* | 1843.7 | [0.31] |
| (2E,6E)-Farnesyl acetate | 15.57 | 2212.9 | 0.25 | 15.18* | 1843.7 | [0.31] |
| Benzyl salicylate | 19.68 | 2675.5 | 0.11 | 15.33 | 1857.6 | 0.07 |
| meta-Camphorene | 15.05 | 2159.0 | 0.05 | 16.29 | 1946.4 | 0.01 |
| Isophytol | 16.14 | 2272.2 | 0.02 | 16.33 | 1950.5 | 0.02 |
| Palmitic acid | | | | 16.60 | 1976.4 | 0.41 |
| para-Camphorene | 15.48 | 2203.6 | 0.06 | 16.70 | 1985.7 | 0.07 |
| Ethyl palmitate | 15.66 | 2222.4 | 0.13 | 16.83 | 1998.1 | 0.09 |
| (E,E)-Geranylinalool | 18.14* | 2492.0 | [1.32] | 17.12 | 2027.5 | 1.35 |
| (E)-Cinnamyl benzoate | 22.09 | 2984.0 | 0.02 | 17.62 | 2077.4 | 0.07 |
| Methyl linoleate | 17.69* | 2441.9 | [0.50] | 17.78 | 2093.4 | 0.31 |
| Methyl α-linolenate | 18.25 | 2505.7 | 2.51 | 17.85 | 2100.0 | 2.75 |
| Phytol | 18.84 | 2574.2 | 0.03 | 17.99 | 2114.4 | 0.01 |
| Methyl stearate | 17.18* | 2384.2 | [0.25] | 18.15 | 2130.7 | 0.27 |
| α-Linolenic acid | | | | 18.32 | 2149.0 | 0.58 |

| | | | | | | |
|---|--------|--------|--------|-------|--------|------|
| Ethyl linoleate | 18.14* | 2492.0 | [1.32] | 18.38 | 2154.9 | 0.17 |
| Ethyl α -linolenate | 18.57 | 2542.4 | 0.13 | 18.44 | 2160.8 | 0.17 |
| Methyl (<i>E</i>)-phytenate | | | | 18.60 | 2177.5 | 0.23 |
| Unknown JASA VIII [m/z 190, 158 (100), 253 (68), 193 (58), 220 (51)] | | | | 18.93 | 2212.8 | 0.06 |
| (<i>E</i>)-Phytol acetate | 18.14* | 2492.0 | [1.32] | 19.04 | 2224.6 | 0.06 |
| (9Z)-Eicosenol? | | | | 19.31 | 2254.1 | 0.11 |
| (9Z)-Tricosene | 16.43* | 2302.9 | [3.49] | 19.55 | 2279.6 | 3.58 |
| Methyl arachidate | 18.99 | 2591.2 | 0.05 | 19.98 | 2327.1 | 0.05 |
| 4,8,12,16-Tetramethylheptadecan-4-oxide? | | | | 20.02 | 2331.5 | 0.06 |
| Tetracosene isomer | | | | 20.43 | 2378.3 | 0.22 |
| Unknown JASA IX [m/z 219, 218 (99), 217 (50), 108 (31), 220 (17), 216 (14)] | | | | 21.10 | 2455.7 | 0.03 |
| 2-Monopalmitin | | | | 21.52 | 2504.8 | 0.02 |
| Benzyl palmitate | | | | 22.06 | 2570.6 | 0.31 |
| Benzyl oleate | | | | 23.44 | 2743.3 | 0.18 |
| Benzyl α -linolenate | | | | 23.50 | 2751.9 | 1.15 |
| Benzyl stearate | | | | 23.71 | 2778.5 | 0.08 |
| Squalene | 22.40 | 3026.5 | 0.58 | 24.05 | 2823.8 | 0.60 |
| 2,3-Oxidosqualene | 24.40 | 3310.5 | 0.39 | 24.90 | 2939.0 | 0.39 |
| 2,3-Dihydro-3-oxosqualene? | | | | 25.07 | 2962.6 | 0.02 |
| Benzyl arachidate | | | | 25.16 | 2974.9 | 0.02 |
| 2,6,10,15,19,23-Hexamethyl-(6E,10E,14E,18E)-1,6,10,14,18,22-tetracosahexaen-3-ol | | | | 25.40 | 3008.4 | 0.03 |
| Unknown JAGR V [m/z 41, 119 (14), 147 (13), 40 912), 94 (12), 133 (12)...] | | | | 25.61 | 3038.6 | 0.02 |
| Benzyl behenate | | | | 26.67 | 3179.6 | 0.02 |
| Unknown JASA XI [m/z 245, 246 (20), 243 (14), 217 (12), 218 (9), 91 (7), 244 (6)] | | | | 29.27 | 3416.6 | 0.67 |
| Total reported | | 88.13% | | | 91.35% | |
| | | | | | | |

*: 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

Absolute, *Jasminum sambac*
Internal code: 23I07-PTH01

Jasmine Sambac Absolute - India - J10113R

Report prepared for:
Plant Therapy

†: 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