Date : 2025-07-24

Certificate of Analysis - GC Profiling

Sample Identification

Internal code : 25G10-PTH05
Customer Identification : Organic Lemon Eucalyptus - Brazil - E10116R
Type : Essential Oil
Source : *Eucalyptus citriodora [syn. Corymbia citriodora]*
Customer : Plant Therapy

Checked an approved by:

Alexis St-Gelais, Ph. D., 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Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia.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.

Méthode certifiée ISO 17025:2017 Certified method

Laboratoire PhytoChemia

628 Boulevard du Saguenay Ouest, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

Gas Chromatographic Analysis

Method : PC-MAT-014 - Analysis of the composition of an essential oil or other volatile liquide by FAST GC-FID
ISO
Results : See analysis summary (next page)
Analyst : Sylvain Mercier, M. Sc., Chimiste 2014-005
Date : 2025-07-23

Physicochemical data

Refractive index : 1.454 ± 0.0003 (20 °C)
Method : PC-MAT-016 - Measure of the refractive index of a liquid.
Analyst : Cindy Caron B. Sc.
Date : 2025-07-14

Conclusion

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

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

Analysis Summary - Consolidated Contents

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

Identification	%	Class
Ethanol	tr	Aliphatic alcohol
3-Methylcyclopentene	0.02	Alkene
Methylcyclopentane ?	0.01	Alkane
Isovaleral	0.01	Aliphatic aldehyde
2,4-Dimethyl-3-pentanone	tr	Aliphatic ketone
3-Methylcyclopentanol	0.02	Aliphatic alcohol
Unknown	0.02	Unknown
Unknown	0.03	Unknown
Styrene	0.01	Simple phenolic
Isobutyl isobutyrate	0.08	Aliphatic ester
α-Thujene	0.02	Monoterpene
α-Pinene	0.20	Monoterpene
3-Methylcyclohexanone	0.01	Aliphatic ketone
Unknown	0.01	Unknown
β-Pinene	0.51	Monoterpene
Sabinene	0.06	Monoterpene
6-Methyl-5-hepten-2-one	0.01	Aliphatic ketone
Myrcene	0.11	Monoterpene
α-Phellandrene	0.01	Monoterpene
Isobutyl 2-methylbutyrate	0.01	Aliphatic ester
Isobutyl isovalerate	0.01	Aliphatic ester
α-Terpinene	0.01	Monoterpene
Isoamyl isobutyrate	0.03	Aliphatic ester
2-Methylbutyl isobutyrate	0.02	Aliphatic ester
para-Cymene	0.04	Monoterpene
Limonene	0.16	Monoterpene
Unknown	0.07	Unknown
Unknown	0.02	Unknown
1,8-Cineole	0.55	Monoterpenic ether
(*Z*)-β-Ocimene	0.10	Monoterpene
(*E*)-β-Ocimene	0.03	Monoterpene
Unknown	0.04	Unknown
2,6-Dimethyl-5-heptenal (melonal)	0.16	Aliphatic aldehyde
γ-Terpinene	0.11	Monoterpene
para-Mentha-3,8-diene	0.10	Monoterpene
Terpinolene isomer	0.02	Monoterpene
Terpinolene	0.08	Monoterpene
para-Cymenene	0.01	Monoterpene
Unknown	0.01	Oxygenated monoterpene
Linalool	0.34	Monoterpenic alcohol

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

cis-Rose oxide	0.10	Monoterpenic ether
trans-Rose oxide	0.04	Monoterpenic ether
Unknown	0.08	Oxygenated normonoterpene
Isopulegol	5.80	Monoterpenic alcohol
Menthone	0.07	Monoterpenic ketone
Citronellal	75.00	Monoterpenic aldehyde
neoiso-Isopulegol	0.34	Monoterpenic alcohol
trans-Isopulegone	0.01	Monoterpenic ketone
Isopulegol isomer	0.03	Monoterpenic alcohol
Terpinen-4-ol	0.11	Monoterpenic alcohol
Isopulegol isomer?	0.02	Monoterpenic alcohol
α-Terpineol	0.07	Monoterpenic alcohol
trans-Pulegol	0.01	Monoterpenic alcohol
Unknown	0.03	Oxygenated monoterpene
Nerol	0.06	Monoterpenic alcohol
Pulegone	0.01	Monoterpenic ketone
Citronellol	5.93	Monoterpenic alcohol
Neral	0.04	Monoterpenic aldehyde
Unknown	0.09	Unknown
Geraniol	0.08	Monoterpenic alcohol
Methyl citronellate	0.06	Monoterpenic ester
Isopulegyl acetate	tr	Monoterpenic ester
Geranial	0.04	Monoterpenic aldehyde
Citronellyl formate	0.01	Monoterpenic ester
Unknown	0.05	Unknown
Benzyl isobutyrate	0.06	Phenolic ester
8-Hydroxy-neo-menthol	0.71	Monoterpenic alcohol
Citronellic acid	0.53	Monoterpenic acid
8-Hydroxymenthol	0.03	Monoterpenic alcohol
Citronellyl acetate	0.58	Monoterpenic ester
8-Hydroxy-iso-menthol	0.63	Monoterpenic alcohol
8-Hydroxy-neoiso-menthol	0.03	Monoterpenic alcohol
Geranyl acetate	0.01	Monoterpenic ester
β-Elemene	0.01	Sesquiterpene
Benzyl isovalerate	0.03	Phenolic ester
(*Z*)-Jasmone	[0.09]	Jasmonate
Phenylethyl isobutyrate	[0.09]	Phenolic ester
β-Caryophyllene	1.11	Sesquiterpene
α-Humulene	0.08	Sesquiterpene
Germacrene D	0.05	Sesquiterpene
Isoamyl phenylacetate	0.02	Phenolic ester
Bicyclogermacrene	0.06	Sesquiterpene
α-Muurolene	0.01	Sesquiterpene
γ-Cadinene	0.02	Sesquiterpene
δ-Cadinene	0.05	Sesquiterpene

Germacrene B	0.01	Sesquiterpene
Spathulenol	0.01	Sesquiterpenic alcohol
Caryophyllene oxide isomer	0.01	Sesquiterpenic ether
Caryophyllene oxide	0.07	Sesquiterpenic ether
Humulene epoxide II	0.01	Sesquiterpenic ether
1-epi-Cubenol	0.02	Sesquiterpenic alcohol
τ-Muurolol	0.01	Sesquiterpenic alcohol
τ-Cadinol	0.01	Sesquiterpenic alcohol
α-Cadinol	0.02	Sesquiterpenic alcohol
Unknown	0.05	Oxygenated diterpene
Unknown	0.01	Oxygenated diterpene
Unknown	0.06	Oxygenated diterpene
Unknown	0.02	Oxygenated diterpene
Unknown	0.93	Oxygenated diterpene
Unknown	0.04	Oxygenated diterpene
Unknown	0.02	Oxygenated diterpene
Unknown	0.04	Oxygenated diterpene
Unknown	0.18	Oxygenated diterpene
Unknown	0.08	Oxygenated diterpene
Unknown	0.01	Oxygenated diterpene
Unknown	0.04	Oxygenated diterpene
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.02	Oxygenated diterpene
Unknown	0.08	Oxygenated diterpene
Unknown	0.04	Unknown
Unknown	0.04	Unknown
Unknown	0.03	Unknown
Unknown	0.02	Unknown
Unknown	0.01	Oxygenated diterpene
Unknown	0.02	Oxygenated diterpene
Unknown	0.08	Unknown
Unknown	0.01	Unknown
Unknown	0.09	Unknown
Unknown	0.24	Unknown
Unknown	0.29	Unknown
Unknown	0.11	Unknown
Unknown	0.75	Unknown
Consolidated total	**98.74**	

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

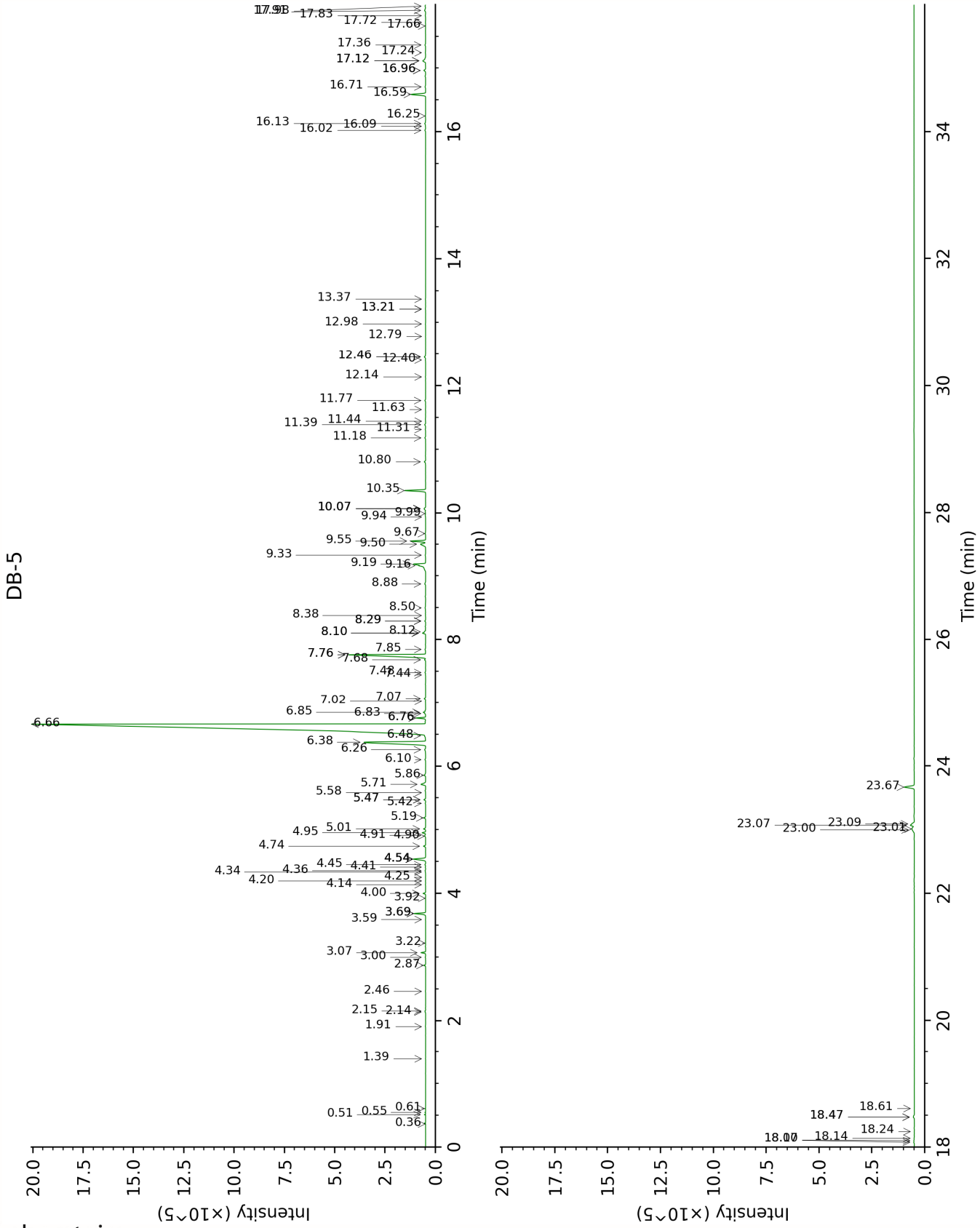
628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

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.
Bracketed value ([xx]): A bracketed percent value indicate that two or more compound percentage could not be solved due to coelution.

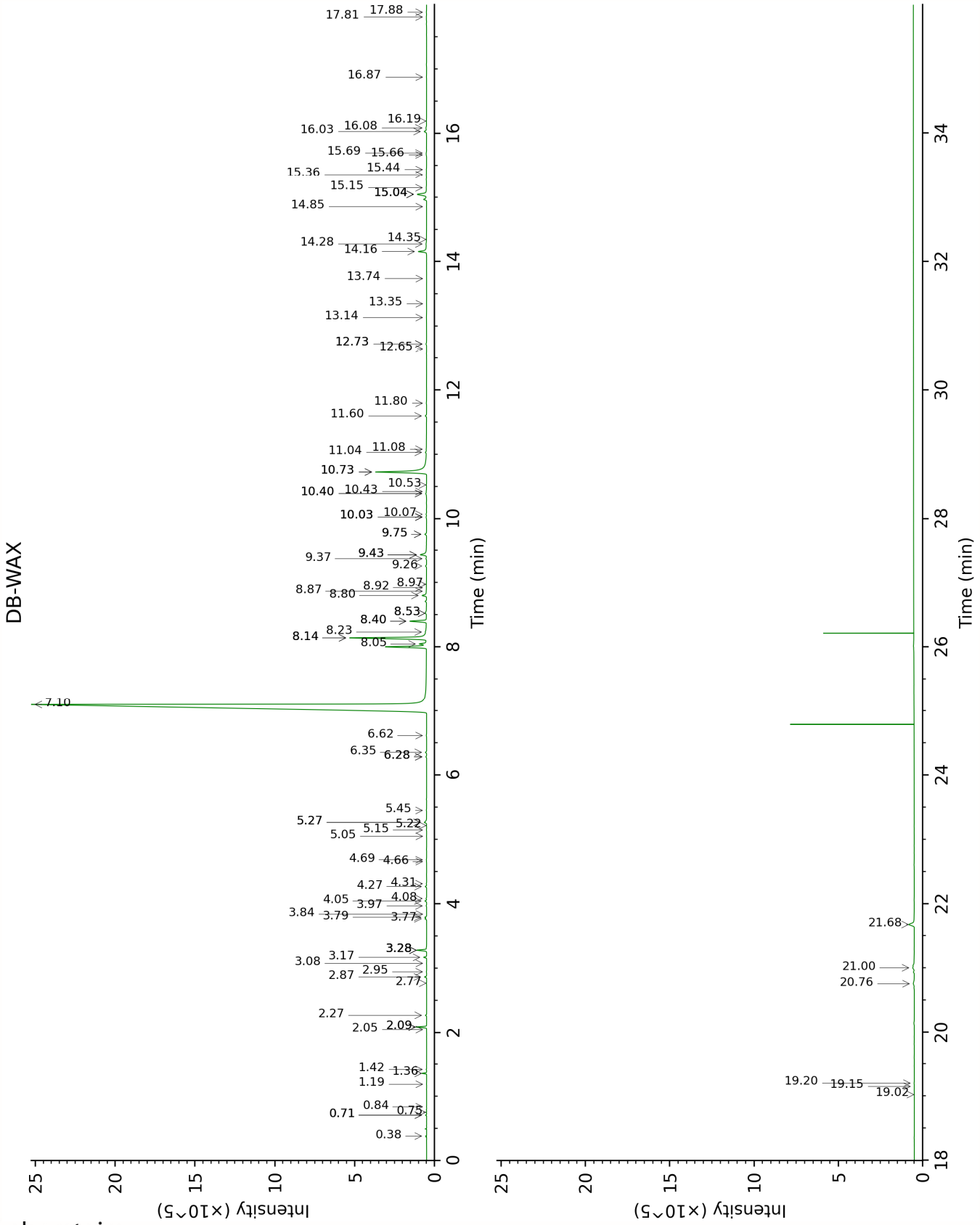
628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com

This page was intentionally left blank. The following pages present the complete data of the analysis.

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com



628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com


DB-WAX
Time (min)
Intensity (×10^5)
17.81
17.88
16.87
16.03
16.08
16.19
15.69
15.66
15.36
15.44
15.15
15.04
14.85
14.28
14.35
14.16
13.74
13.35
13.14
12.73
12.65
11.80
11.60
11.04
11.08
10.73
10.40
10.43
10.53
10.03
10.07
9.75
9.37
9.43
9.26
8.87
8.80
8.92
8.97
8.53
8.40
8.14
8.23
8.05
7.10
6.62
6.35
6.28
5.45
5.27
5.22
5.15
5.05
4.69
4.66
4.27
4.31
4.05
4.08
3.97
3.84
3.79
3.77
3.28
3.17
3.08
2.95
2.87
2.77
2.27
2.09
2.05
1.42
1.36
1.19
0.84
0.71
0.75
0.38
21.68
21.00
20.76
19.20
19.15
19.02

FULL ANALYSIS DATA

	Column DB-5			Column DB-WAX		
Ethanol	0.36	502.2	tr	0.84	904.8	tr
3-Methylcyclopentene	0.51	607.9	0.02	0.38	659.0	0.02
Methylcyclopentane ?	0.55	620.3	0.01			
Isovaleral	0.61	641.8	0.01	0.75	882.3	0.01
2,4-Dimethyl-3-pentanone	1.39	791.4	tr	1.19	961.0	0.01
3-Methylcyclopentanol	1.91	839.9	0.02	5.15	1301.5	0.02
Unknown COCI I [m/z 55, 83 (89), 82 (70), 67 (66), 41 (55), 69 (46), 111 (37)... 126 (2)]	2.14	859.2	0.02	0.71*	866.4	[0.04]
Unknown COCI II [m/z 55, 83 (79), 67 (65), 41 (63), 82 (60), 69 (58)... 111 (27), 126 (9)]	2.15	860.6	0.03	0.71*	866.4	[0.04]
Styrene	2.46	886.5	0.01	3.84	1208.7	0.01
Isobutyl isobutyrate	2.87	917.4	0.08	2.09*	1064.0	[0.54]
α-Thujene	3.00	925.9	0.02	1.42	997.9	0.02
α-Pinene	3.07	930.7	0.20	1.36	988.4	0.19
3-Methylcyclohexanone	3.22	940.8	0.01	4.66	1269.1	0.01
Unknown COCI III [m/z 99, 81 (98), 55 (51), 43 (42), 41 (34)... 109? (2)]	3.59	965.6	0.01	2.05	1060.2	tr
β-Pinene	3.68*	971.9	[0.57]	2.09*	1064.0	[0.54]
Sabinene	3.68*	971.9	[0.57]	2.27	1082.2	0.06
6-Methyl-5-hepten-2-one	3.92	988.0	0.01	5.05	1298.3	0.01
Myrcene	4.00	993.1	0.11	2.87	1132.3	0.11
α-Phellandrene	4.14	1002.3	0.01	2.77	1124.6	0.01
Isobutyl 2-methylbutyrate	4.20	1006.1	0.01	3.08	1149.0	0.01
Isobutyl isovalerate	4.25	1009.7	0.01	3.28*	1165.0	[0.60]
α-Terpinene	4.34	1015.0	0.01	2.95	1138.6	0.02
Isoamyl isobutyrate	4.36	1016.4	0.03	3.28*	1165.0	[0.60]
2-Methylbutyl isobutyrate	4.41	1019.9	0.02	3.28*	1165.0	[0.60]
para-Cymene	4.45	1022.4	0.04	4.08	1226.7	0.04
Limonene	4.54*	1027.8	[0.80]	3.17	1156.3	0.16
Unknown COCI XLIV	4.54*	1027.8	[0.80]	6.35	1388.3	0.07

[m/z 59, 43 (12), 109 (11), 41 (10), 127 (8)...]						
Unknown COCI XLIII [m/z 59, 43 (11), 109 (10), 41 (10), 127 (8)...]	4.54*	1027.8	[0.80]	6.28*	1383.2	[0.05]
1,8-Cineole	4.54*	1027.8	[0.80]	3.28*	1165.0	[0.60]
(*Z*)-β-Ocimene	4.74	1040.7	0.10	3.79†	1205.2	0.10
(*E*)-β-Ocimene	4.90	1050.7	0.03	3.97	1218.2	0.03
Unknown COCI V [m/z 125, 69 (75), 41 (34), 55 (25), 93 (22)... 140 (3)]	4.91	1051.5	0.04	4.69	1271.2	0.03
2,6-Dimethyl-5-heptenal (melonal)	4.95	1054.1	0.16	5.27*	1310.0	[0.21]
γ-Terpinene	5.02	1058.0	0.11	3.77†	1203.4	0.08
para-Mentha-3,8-diene	5.19	1069.0	0.10	4.05	1223.8	0.09
Terpinolene isomer	5.42	1083.5	0.02	4.31	1243.6	0.02
Terpinolene	5.47*	1087.1	[0.09]	4.27	1240.3	0.08
para-Cymenene	5.47*	1087.1	[0.09]	6.28*	1383.2	[0.05]
Unknown COCI VI [m/z 67, 82 (79), 81 (34), 41 (32), 55 (16)... 152 (5)]	5.58	1094.1	0.01	5.22	1306.5	0.01
Linalool	5.72	1102.4	0.34	8.05	1514.6	0.47
cis-Rose oxide	5.86	1111.6	0.10	5.27*	1310.0	[0.21]
trans-Rose oxide	6.10	1127.5	0.04	5.45	1323.3	0.02
Unknown COCI VIII [m/z 41, 69 (87), 82 (66), 67 (55), 109 (46)... 142 (18)]	6.26	1137.7	0.08	9.37	1618.2	0.05
Isopulegol	6.38	1145.2	5.80	8.14*	1521.9	[5.76]
Menthone	6.48	1152.0	0.07	6.62	1407.4	0.03
Citronellal	6.66	1163.7	75.00	7.10	1443.3	75.12
neoiso-Isopulegol	6.76*	1170.0	[0.40]	8.80	1572.9	0.34
trans-Isopulegone	6.76*	1170.0	[0.40]	8.92	1582.3	0.01
Isopulegol isomer	6.83	1174.5	0.03	8.52*	1551.5	[0.10]
Terpinen-4-ol	6.85	1175.8	0.11	8.52*	1551.5	[0.10]
Isopulegol isomer?	7.02	1187.2	0.02			
α-Terpineol	7.07	1190.5	0.07	9.75*	1648.9	[0.12]
trans-Pulegol	7.44	1215.0	0.01	10.03*	1671.5	[0.04]
Unknown COCI IX [m/z 69, 55 (65), 43 (47), 41 (44), 83 (42), 75 (37), 125 (36)... 154	7.48	1217.6	0.03			

(1)]						
Nerol	7.68	1231.3	0.06	11.04	1755.6	0.08
Pulegone	7.76*	1236.7	[5.94]	8.98	1586.4	0.01
Citronellol	7.76*	1236.7	[5.94]	10.73*	1729.7	[5.26]
Neral	7.85	1242.5	0.04	9.43*	1623.1	[0.62]
Unknown COCI X [m/z 59, 41 (68), 43 (53), 97 (44), 69 (35)...]	8.10*	1259.9	[0.17]	10.40*	1701.4	[0.09]
Geraniol	8.10*	1259.9	[0.17]	11.60	1803.9	0.08
Methyl citronellate	8.12	1261.3	0.06	8.23	1528.9	0.17
Isopulegyl acetate	8.29*	1272.8	[0.04]	8.14*	1521.9	[5.76]
Geranial	8.29*	1272.8	[0.04]	10.07	1675.0	0.04
Citronellyl formate	8.38	1278.8	0.01	8.87	1578.0	0.03
Unknown COCI XII [m/z 85, 41 (23), 67 (21), 82 (16), 43 (10)... 170? (1)]	8.50	1286.9	0.05	12.73*	1904.1	[0.06]
Benzyl isobutyrate	8.88	1309.2	0.06	10.73*	1729.7	[5.26]
8-Hydroxy-neo-menthol	9.16*†	1329.6	[0.53]	14.16	2038.2	0.71
Citronellic acid	9.19*†	1331.4	[0.71]			
8-Hydroxymenthol	9.33	1341.4	0.03			
Citronellyl acetate	9.50*†	1353.7	[0.46]	9.43*	1623.1	[0.62]
8-Hydroxy-iso-menthol	9.55*†	1357.1	[0.75]	15.04*	2124.7	[0.97]
8-Hydroxy-neoiso-menthol	9.67	1365.5	0.03	15.15	2135.0	0.05
Geranyl acetate	9.94	1384.8	0.01	10.53	1712.7	0.02
β-Elemene	9.99	1388.6	0.01	8.40*	1541.9	[1.10]
Benzyl isovalerate	10.07*	1394.2	[0.12]	11.80	1821.4	0.03
(*Z*)-Jasmone	10.07*	1394.2	[0.12]			
Phenylethyl isobutyrate	10.07*	1394.2	[0.12]			
β-Caryophyllene	10.35	1414.9	1.11	8.40*	1541.9	[1.10]
α-Humulene	10.80	1448.8	0.08	9.26	1608.9	0.06
Germacrene D	11.18	1476.9	0.05	9.75*	1648.9	[0.12]
Isoamyl phenylacetate	11.31	1486.8	0.02	13.14	1942.0	0.03
Bicyclogermacrene	11.39	1492.5	0.06	10.03*	1671.5	[0.04]
α-Muurolene	11.44	1496.5	0.01	10.03*	1671.5	[0.04]
γ-Cadinene	11.63	1510.5	0.02	10.40*	1701.4	[0.09]
δ-Cadinene	11.77	1521.7	0.05	10.43	1704.0	0.04
Germacrene B	12.14	1551.1	0.01	11.08	1759.7	0.02
Spathulenol	12.40	1572.1	0.01	14.35	2056.3	0.02
Caryophyllene oxide	12.46*	1576.0	[0.08]	12.65	1897.0	0.01

isomer						
Caryophyllene oxide	12.46*	1576.0	[0.08]	12.73*	1904.1	[0.06]
Humulene epoxide II	12.78	1602.0	0.01	13.35	1961.8	0.01
1-epi-Cubenol	12.98	1618.2	0.02	13.74	1997.9	0.01
τ-Muurolol	13.21*	1637.4	[0.02]	15.04*	2124.7	[0.97]
τ-Cadinol	13.21*	1637.4	[0.02]	14.85	2105.6	0.01
α-Cadinol	13.37	1650.3	0.02	15.44	2164.1	0.02
Unknown COCI XIX [m/z 69, 41 (48), 81 (36), 121 (34), 83 (32), 55 (30)... 290 (t)]	16.02	1882.2	0.05			
Unknown COCI XX [m/z 81, 93 (70), 121 (64), 69 (64), 41 (56), 205 (50)... 290 (19)]	16.09	1888.0	0.01	14.28	2049.4	0.09
Unknown COCI XXI [m/z 165, 69 (87), 205 (72), 81 (67), 41 (65)... 290 (4)]	16.13	1891.9	0.06			
Unknown COCI XXII [m/z 165, 205 (96), 69 (72), 41 (61), 81 (49)... 290 (6)]	16.25	1902.7	0.02			
Unknown COCI XXIII [m/z 81, 137 (85), 95 (48), 69 (44)... 308? (t)]	16.59	1935.0	0.93	15.04*	2124.7	[0.97]
Unknown COCI XXIV [m/z 137, 81 (81), 95 (41), 183 (38)...]	16.71	1946.1	0.04	15.36	2155.9	0.02
Unknown COCI XXVI [m/z 81, 93 (59), 205 (55), 121 (50), 41 (43)... 290 (8)]	16.96*	1970.7	[0.11]	15.66	2186.9	0.02
Unknown COCI XLV [m/z 81, 205 (66), 69 (58), 41 (56), 93 (56), 121 (47)... 290 (9)]	16.96*	1970.7	[0.11]	15.69	2189.9	0.04
Unknown COCI XXVII [m/z 81, 137 (60), 69 (47), 95 (41), 41 (39), 55 (25)... 308? (t)]	17.12*	1985.2	[0.24]	16.03	2224.7	0.18
Unknown COCI XXVIII [m/z 81, 137 (94), 95 (46), 69 (38), 41 (36)...]	17.12*	1985.2	[0.24]	16.08	2230.5	0.08
Unknown COCI XXIX	17.24	1997.3	0.01	16.19	2241.6	0.02

[m/z 81, 137 (70), 95 (46), 69 (45), 41 (39), 55 (29)...]						
Unknown COCI XXX [m/z 41, 69 (98), 55 (55), 81 (46), 109 (46)... 290 (8)]	17.36	2009.0	0.04	16.87	2313.5	0.02
Unknown COCI XXXI [m/z 81, 69 (44), 95 (43), 137 (42)...]	17.66	2038.6	0.01	17.81	2415.1	0.03
Unknown COCI XXXII [m/z 81, 137 (68), 95 (44), 43 (40), 69 (39), 183 (35)...]	17.72	2044.3	0.01			
Unknown COCI XXXIII [m/z 69, 81 (88), 43 (85), 95 (60)... 308 (t)]	17.83	2054.8	0.02	19.15	2568.4	0.01
Unknown COCI XXXV [m/z 81, 95 (49), 69 (48), 137 (47), 43 (36)... 308 (1)]	17.91	2063.0	0.08			
Unknown COCI XXXIV [m/z 81, 137 (48), 95 (39), 69 (34), 41 (26)...]	17.98	2069.8	0.04			
Unknown COCI XXXVII [m/z 69, 81 (63), 83 (56), 41 (39), 95 (31)...]	18.07	2079.3	0.04	17.88	2423.5	0.02
Unknown COCI XXXVIII [m/z 81, 137 (50), 69 (41), 95 (40)...]	18.10	2081.9	0.03			
Unknown COCI XXXIX [m/z 81, 137 (55), 69 (50), 95 (41), 41 (40), 59 (31)... 306? (t)]	18.14	2085.7	0.02			
Unknown COCI XL [m/z 223, 69 (83), 43 (82), 81 (62), 139 (54), 41 (51)... 293 (7), 308 (t)]	18.24	2096.2	0.01	19.02	2553.7	0.01
Unknown COCI XLII [m/z 81, 43 (94), 69 (68), 95 (55), 41 (55), 55 (46)... 293 (8), 308 (1)]	18.47*	2119.3	[0.10]	19.20	2574.3	0.02

Unknown COCI XLI [m/z 69, 81 (71), 41 (47), 83 (44), 95 (43), 43 (41)... 293 (2)...]	18.47*	2119.3	[0.10]			
Unknown COCI LI [m/z 69, 41 (88), 95 (60), 55 (54), 81 (47), 109 (42)...]	18.61	2133.4	0.01			
Unknown COCI XLVI [m/z 81, 69 (83), 137 (61), 95 (50), 83 (45)...]	23.00	2627.2	0.09	20.76	2762.9	0.17
Unknown COCI XLVII [m/z 81, 69 (73), 137 (60), 95 (45), 83 (41)...]	23.01	2629.1	0.24			
Unknown COCI XLIX [m/z 81, 69 (67), 137 (56), 95 (40), 83 (38)...]	23.07	2636.4	0.29	21.00	2793.8	0.16
Unknown COCI XLVIII [m/z 81, 69 (70), 137 (56), 95 (43), 83 (36)...]	23.09	2639.1	0.11			
Unknown COCI L [m/z 69, 83 (59), 81 (56), 137 (48), 41 (29), 139 (28)...]	23.67	2711.3	0.75	21.68	2879.8	0.68
Total reported		98.82%			95.85%	

*: 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

†: 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

628 Boulevard du Saguenay, Saguenay (Qc) G7J 1H4 | www.phytochemia.com