

Date : 2023-12-20

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 23L06-NSO01

Customer Identification : Carrot - Lot: 235049

Type : Essential Oil

Source : *Daucus carota*

Customer : Natural Sourcing LLC

Checked and approved by:

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

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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 : Benoit Roger, Ph. D.

Date : 2023-12-19

PHYSICOCHEMICAL DATA

Refractive index : 1.4896 ± 0.0003 (20 °C)

Method : PC-MAT-016 - Measure of the refractive index of a liquid.

Analyst : Cindy Caron B. Sc.

Date : 2023-12-06

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
Isovaleral	0.01	Aliphatic aldehyde
2-Methylbutyral	0.01	Aliphatic aldehyde
Toluene	tr	Simple phenolic
Hexanal	0.01	Aliphatic aldehyde
Heptanal	0.02	Aliphatic aldehyde
Hashishene	tr	Monoterpene
Tricyclene	0.02	Monoterpene
α -Thujene	0.19	Monoterpene
α -Pinene	7.50	Monoterpene
Camphene	0.41	Monoterpene
Thuja-2,4(10)-diene	0.11	Monoterpene
β -Pinene	1.67	Monoterpene
Sabinene	9.00	Monoterpene
6-Methyl-5-hepten-2-one	0.03	Aliphatic ketone
Myrcene	2.10	Monoterpene
6-Methyl-5-hepten-2-ol	0.01	Aliphatic alcohol
α -Phellandrene	0.01	Monoterpene
Octanal	0.02	Aliphatic aldehyde
α -Terpinene	0.17	Monoterpene
<i>para</i> -Cymene	1.15	Monoterpene
Limonene	1.14	Monoterpene
β -Phellandrene	0.11	Monoterpene
(Z)- β -Ocimene	0.03	Monoterpene
(E)- β -Ocimene	0.03	Monoterpene
γ -Terpinene	0.70	Monoterpene
<i>cis</i> -Sabinene hydrate	0.10	Monoterpenic alcohol
Unknown	0.01	Oxygenated monoterpene
<i>trans</i> -Linalool oxide (fur.)	0.01	Monoterpenic alcohol
Terpinolene	0.10	Monoterpene
<i>para</i> -Cymenene	0.04	Monoterpene
α -Pinene oxide	0.02	Monoterpenic ether
<i>trans</i> -Sabinene hydrate	0.07	Monoterpenic alcohol
Hotrienol	0.14	Monoterpenic alcohol
Linalool	0.22	Monoterpenic alcohol
Unknown	0.04	Monoterpenic alcohol
Nonanal	0.01	Aliphatic aldehyde
endo-Fenchol	0.02	Monoterpenic alcohol
<i>cis-para</i> -Menth-2-en-1-ol	0.04	Monoterpenic alcohol
α -Campholenal	0.07	Monoterpenic aldehyde
Limona ketone	0.02	Normonoterpenic ketone

<i>trans</i> -Pinocarveol	0.16	Monoterpenic alcohol
<i>cis</i> -Verbenol	0.10	Monoterpenic alcohol
<i>trans</i> -Verbenol	0.28	Monoterpenic alcohol
<i>meta</i> -Mentha-4,6-dien-8-ol	0.04	Monoterpenic alcohol
Sabinaketone	0.06	Normonoterpenic ketone
Pinocarvone	0.04	Monoterpenic ketone
(2 <i>E</i>)-Nonenal	0.08	Aliphatic aldehyde
Borneol	0.01	Monoterpenic alcohol
Unknown	0.03	Oxygenated monoterpene
Terpinen-4-ol	0.34	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.03	Monoterpenic alcohol
Myrtenal	0.13	Monoterpenic aldehyde
α -Terpineol	0.02	Monoterpenic alcohol
Myrtenol	0.11	Monoterpenic alcohol
<i>para</i> -Mentha-1,5-dien-7-ol	0.02	Monoterpenic alcohol
Verbenone	0.11	Monoterpenic ketone
<i>trans</i> -Carveol	0.05	Monoterpenic alcohol
Unknown	0.01	Oxygenated monoterpene
Nerol	0.03	Monoterpenic alcohol
<i>cis</i> -Carveol	0.01	Monoterpenic alcohol
Cuminal	0.04	Monoterpenic aldehyde
Neral	0.02	Monoterpenic aldehyde
Carvone	0.03	Monoterpenic ketone
Unknown	0.03	Oxygenated monoterpene
Geraniol	0.40	Monoterpenic alcohol
Phellandral	tr	Monoterpenic aldehyde
Geranial	0.12	Monoterpenic aldehyde
Bornyl acetate	0.29	Monoterpenic ester
Cuminol	0.07	Monoterpenic alcohol
Unknown	0.03	Oxygenated monoterpene
4-Vinylguaiaacol	0.01	Simple phenolic
α -Cubebene	0.02	Sesquiterpene
α -Terpinyl acetate	0.17	Monoterpenic ester
Neryl acetate	0.02	Monoterpenic ester
α -Copaene	0.07	Sesquiterpene
Daucene	1.47	Sesquiterpene
β -Bourbonene	0.05	Sesquiterpene
β -Cubebene	0.05	Sesquiterpene
Geranyl acetate	1.27	Monoterpenic ester
Unknown	0.27	Sesquiterpene
β -Elemene	0.14	Sesquiterpene
Sesquithujene	0.10	Sesquiterpene
β -Caryophyllene	4.14	Sesquiterpene
<i>cis</i> - α -Bergamotene	1.01	Sesquiterpene
α -Santalene	0.31	Sesquiterpene

β -Copaene	0.04	Sesquiterpene
<i>trans</i> - α -Bergamotene	1.38	Sesquiterpene
Sesquisabinene A	0.45	Sesquiterpene
α -Himachalene	0.11	Sesquiterpene
9-epi-Isocaryophyllene	0.06	Sesquiterpene
α -Humulene	0.36	Sesquiterpene
Unknown	0.05	Sesquiterpene
Acora-3,10(14)-diene	1.64	Sesquiterpene
Sesquisabinene B	1.42	Sesquiterpene
β -Santalene	0.01	Sesquiterpene
(<i>E</i>)- β -Farnesene	1.14	Sesquiterpene
Dauca-5,8-diene?	tr	Sesquiterpene
γ -Decalactone	0.16	Aliphatic lactone
Unknown	0.50	Sesquiterpene
γ -Murolene	0.03	Sesquiterpene
Germacrene D	0.27	Sesquiterpene
β -Selinene	0.39	Sesquiterpene
α -Curcumene	tr	Sesquiterpene
<i>trans</i> - β -Bergamotene	0.22	Sesquiterpene
α -Selinene	0.14	Sesquiterpene
Isodaucene	0.51	Sesquiterpene
Unknown	0.07	Oxygenated sesquiterpene
Methyl (<i>E</i>)-isoeugenol	0.71	Phenylpropanoid
β -Bisabolene	4.31	Sesquiterpene
γ -Cadinene	0.05	Sesquiterpene
Sesquicineole	0.05	Sesquiterpenic ether
δ -Cadinene	0.05	Sesquiterpene
Myristicin	0.01	Phenylpropanoid
<i>trans</i> -Calamenene	0.01	Sesquiterpene
β -Sesquiphellandrene	0.35	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.06	Sesquiterpene
(<i>E</i>)- γ -Bisabolene	0.04	Sesquiterpene
Dauca-4(11),8-diene	0.06	Sesquiterpene
(<i>E</i>)- α -Bisabolene	1.30	Sesquiterpene
Isocaryophyllene epoxide B	0.20	Sesquiterpenic ether
Germacrene B	0.16	Sesquiterpene
Unknown	0.35	Oxygenated sesquiterpene
Germacrene D-4-ol	0.02	Sesquiterpenic alcohol
Spathulenol	0.12	Sesquiterpenic alcohol
Caryophyllene oxide isomer	0.19	Sesquiterpenic ether
Caryophyllene oxide	2.42	Sesquiterpenic ether
Carotol	36.39	Sesquiterpenic alcohol
<i>trans</i> -Dauc-8-en-4 β -ol	1.46	Sesquiterpenic alcohol
Humulene epoxide II	0.21	Sesquiterpenic ether
Unknown	0.10	Oxygenated sesquiterpene

Unknown	0.11	Oxygenated sesquiterpene
Unknown	0.05	Oxygenated sesquiterpene
Muurolo-4,10(14)-dien-1 β -ol?	0.12	Sesquiterpenic alcohol
Caryophylladienol I	0.16	Sesquiterpenic alcohol
Caryophylladienol II	0.09	Sesquiterpenic alcohol
τ -Cadinol	0.02	Sesquiterpenic alcohol
Daucol	0.59	Sesquiterpenic alcohol
α -Muurolo	0.04	Sesquiterpenic alcohol
α -Cadinol	0.05	Sesquiterpenic alcohol
Unknown	0.17	Oxygenated sesquiterpene
Unknown	0.07	Unknown
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	0.27	Sesquiterpenic alcohol
α -Asarone	0.05	Phenylpropanoid
Shyobunol	0.02	Sesquiterpenic alcohol
Apiole	0.02	Phenylpropanoid
α -Bisabolol	0.07	Sesquiterpenic alcohol
Juniper camphor	0.30	Sesquiterpenic alcohol
(2Z,6E)-Farnesol	0.04	Sesquiterpenic alcohol
(2E,6E)-Farnesol	0.04	Sesquiterpenic alcohol
Drimenol	0.03	Sesquiterpenic alcohol
Unknown	0.06	Oxygenated sesquiterpene
Unknown	0.07	Oxygenated sesquiterpene
Neophytadiene	0.03	Diterpene
Phytone	0.09	Terpenic ketone
<i>meta</i> -Camphorene	0.01	Diterpene
Consolidated total	97.35	

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

Note: no correction factor was applied

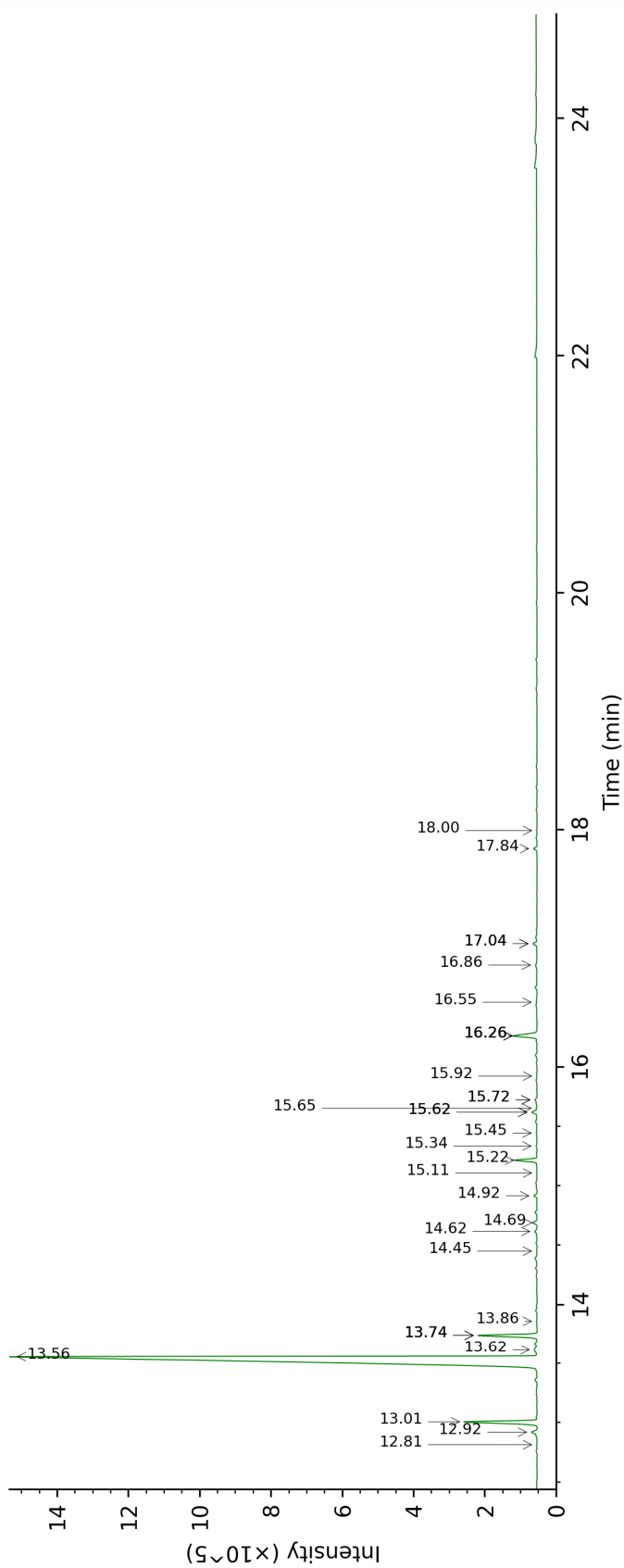
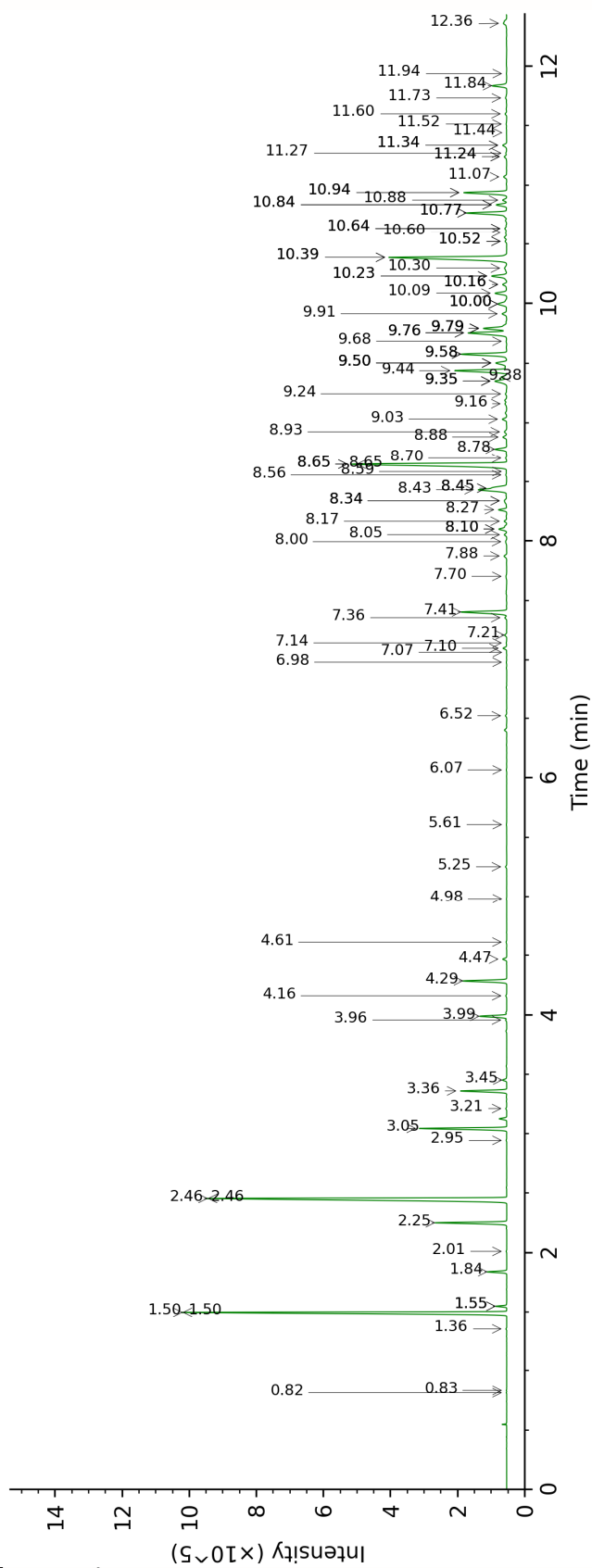
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm 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.

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.

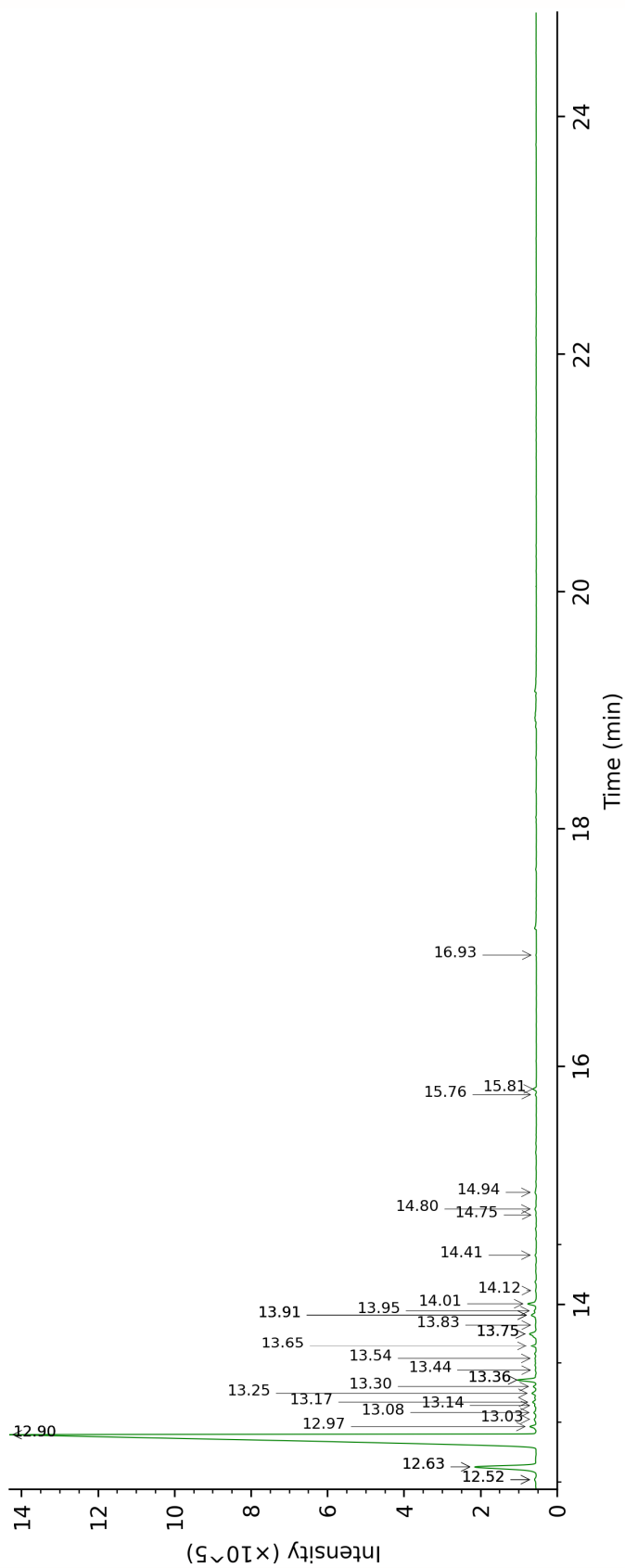
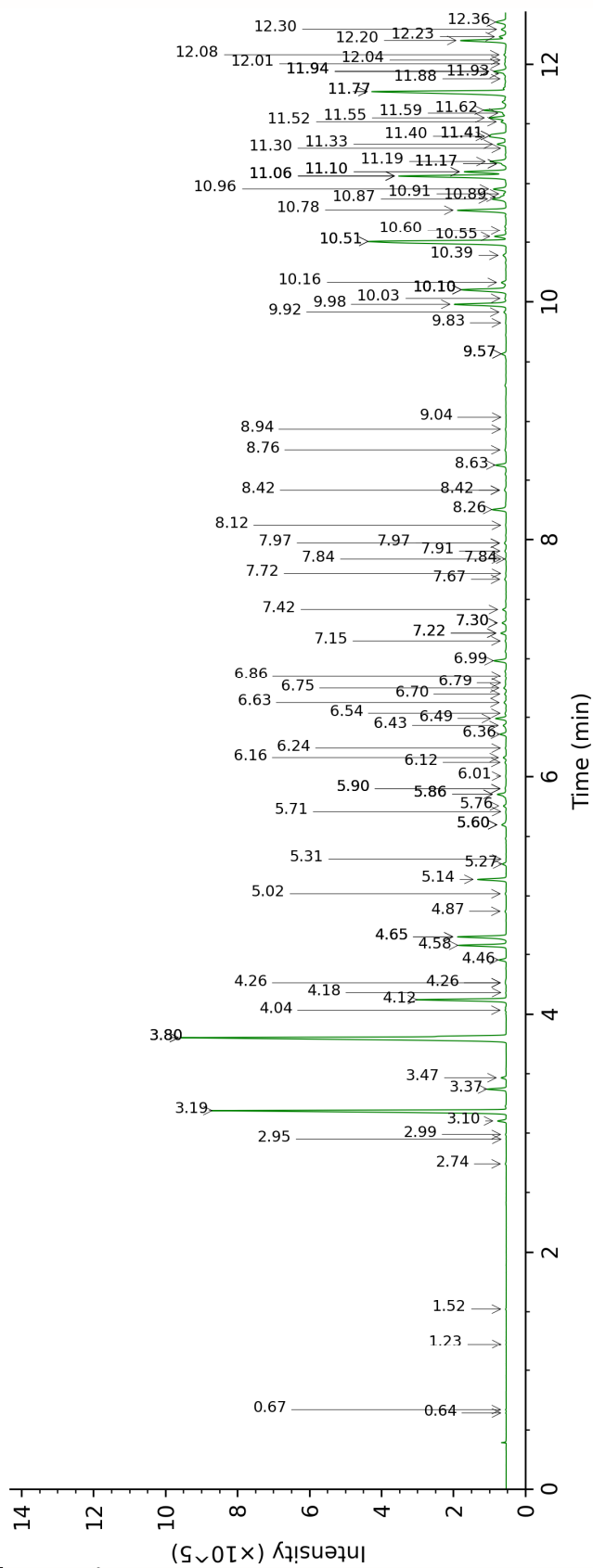
Bracketed value ([xx]): A bracketed percent value indicate that two or more compound percentage could not be solved due to coelution.

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DB-WAX



DB-5



FULL ANALYSIS DATA

Isovaleral	Column DB-WAX			Column DB-5		
	0.84	886.3	tr	0.64	641.3	0.01
2-Methylbutyral	0.82	879.9	0.01	0.67	650.8	0.01
Toluene	1.55*	1001.2	[0.19]	1.23	759.2	tr
Hexanal	2.01	1044.7	0.01	1.52	800.2	0.01
Heptanal	3.21	1146.5	0.02	2.74	902.2	0.02
Hashishene	1.50*	994.3	[7.51]	2.95	916.3	tr
Tricyclene	1.36	973.4	0.01	2.99	919.0	0.02
α -Thujene	1.55*	1001.2	[0.19]	3.10	926.5	0.19
α -Pinene	1.50*	994.3	[7.51]	3.19	932.2	7.50
Camphene	1.84	1028.5	0.41	3.37	944.1	0.41
Thuja-2,4(10)-diene	2.46*	1086.8	[9.13]	3.47	950.3	0.11
β -Pinene	2.25	1067.5	1.67	3.80*	972.5	[10.67]
Sabinene	2.46*	1086.8	[9.13]	3.80*	972.5	[10.67]
6-Methyl-5-hepten-2-one	5.25	1294.9	0.03	4.04	987.7	0.03
Myrcene	3.05	1133.8	2.09	4.12	993.5	2.10
6-Methyl-5-hepten-2-ol	7.14	1432.5	0.02	4.18	997.4	0.01
α -Phellandrene	2.95	1126.2	0.01	4.26*	1002.8	[0.05]
Octanal	4.61	1249.3	0.02	4.26*	1002.8	[0.05]
α -Terpinene				4.46	1014.9	0.17
<i>para</i> -Cymene	4.29	1226.1	1.15	4.58	1022.6	1.15
Limonene	3.36	1157.7	1.14	4.65*	1027.1	[1.24]
β -Phellandrene	3.45	1164.7	0.11	4.65*	1027.1	[1.24]
(Z)- β -Ocimene	3.96	1202.7	0.03	4.87	1040.4	0.03
(E)- β -Ocimene	4.16	1217.2	0.03	5.02	1050.1	0.03
γ -Terpinene	3.99	1205.0	0.70	5.14	1057.7	0.70
<i>cis</i> -Sabinene hydrate	7.10	1429.3	0.11	5.27	1065.8	0.10
Unknown PIMA I [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)]	4.98	1275.6	0.01	5.31	1068.4	0.01
<i>trans</i> -Linalool oxide (fur.)	7.06	1426.7	0.01	5.60*	1086.3	[0.15]
Terpinolene	4.47	1239.1	0.10	5.60*	1086.3	[0.15]
<i>para</i> -Cymenene	6.52	1387.1	0.04	5.60*	1086.3	[0.15]
α -Pinene oxide	5.61	1321.8	0.01	5.71	1093.3	0.02
<i>trans</i> -Sabinene hydrate	8.17	1508.6	0.07	5.76	1096.3	0.07
Hotrienol	9.03	1575.3	0.14	5.86*	1102.3	[0.31]
Linalool	8.26	1516.1	0.22	5.86*	1102.3	[0.31]

Unknown ORMA I [m/z 119, 109 (94), 43 (61), 95 (56), 91 (48), 77 (32), 152 (32), 137 (31), 134 (24)]	8.70	1549.7	0.04	5.90*	1105.3	[0.05]
Nonanal	6.07	1354.6	0.01	5.90*	1105.3	[0.05]
endo-Fenchol	8.59	1540.9	0.02	6.01	1112.0	0.02
cis-para-Menth-2- en-1-ol	8.34*	1521.9	[0.15]	6.12	1119.4	0.04
α -Campholenal	7.21	1437.5	0.06	6.16	1121.9	0.07
Limona ketone	8.05	1499.9	0.08	6.24	1127.0	0.02
trans-Pinocarveol	9.38	1602.6	0.18	6.36	1134.5	0.16
cis-Verbenol	9.50*	1612.2	[0.41]	6.43	1139.1	0.10
trans-Verbenol	9.76*	1632.6	[1.42]	6.49	1142.9	0.28
meta-Mentha-4,6- dien-8-ol	9.50*	1612.2	[0.41]	6.54	1145.7	0.04
Sabinaketone	8.93	1567.1	0.09	6.63	1151.4	0.06
Pinocarpone	8.10*	1503.6	[0.31]	6.70	1156.0	0.04
(2E)-Nonenal	7.88	1486.6	0.09	6.75	1159.3	0.08
Borneol	10.00*	1652.1	[0.40]	6.79	1162.0	0.01
Unknown AFGI I [m/z 109, 79 (18), 81 (15), 91 (12), 77 (10)... 152 (3)]				6.86	1166.0	0.03
Terpinen-4-ol	8.78	1555.8	0.35	6.99	1174.3	0.34
para-Cymen-8-ol	11.74	1796.7	0.05	7.15	1184.9	0.03
Myrtenal	8.88	1563.7	0.13	7.22*	1189.1	[0.15]
α -Terpineol	10.00*	1652.1	[0.40]	7.22*	1189.1	[0.15]
Myrtenol	11.07	1740.7	0.11	7.30*	1194.6	[0.13]
para-Mentha-1,5- dien-7-ol	11.24*	1755.1	[0.09]	7.30*	1194.6	[0.13]
Verbenone	9.79*	1635.6	[0.86]	7.42	1201.7	0.11
trans-Carveol	11.60	1785.4	0.05	7.67	1218.6	0.05
Unknown DACA VI [m/z 119, 43 (52), 59 (45), 91 (36), 79 (24), 134 (23)...]	11.24*	1755.1	[0.09]	7.72	1221.9	0.01
Nerol	11.27	1757.5	0.03	7.84*	1229.9	[0.02]
cis-Carveol	11.94	1814.8	0.01	7.84*	1229.9	[0.02]
Cuminal	10.77*	1715.1	[1.31]	7.91	1234.4	0.04
Neral	9.68	1626.9	0.02	7.97*	1238.8	[0.06]
Carvone	10.23*	1671.0	[0.54]	7.97*	1238.8	[0.06]
Unknown BODA V [m/z 109, 119 (84),	11.52	1778.2	0.03	8.12	1248.9	0.03

91 (81), 134 (55)... 137 (27)...]						
Geraniol	11.84	1805.8	0.45	8.26	1257.7	0.40
Phellandral	10.16*	1665.3	[0.15]	8.42*	1268.6	[0.07]
Geranial	10.30	1676.3	0.12	8.42*	1268.6	[0.07]
Bornyl acetate	8.45*	1530.0	[0.39]	8.63	1282.7	0.29
Cuminol	14.45	2044.4	0.02	8.76	1291.7	0.07
Unknown DACA VII [m/z 109, 43 (84), 134 (43), 41 (28), 151 (26), 91 (24)...]	9.58*	1618.2	[1.45]	8.94	1303.3	0.03
4-Vinylguaiaicol	15.34	2130.6	0.04	9.04	1310.2	0.01
α -Cubebene	6.98	1420.6	0.02	9.57*	1347.6	[0.15]
α -Terpinyl acetate	9.92	1645.4	0.17	9.57*	1347.6	[0.15]
Neryl acetate	10.39*	1683.6	[4.48]	9.83	1365.8	0.02
α -Copaene	7.36	1448.2	0.05	9.92	1372.2	0.07
Daucene	7.40	1451.8	1.42	9.98	1376.8	1.47
β -Bourbonene	7.70	1473.9	0.04	10.03	1380.3	0.05
β -Cubebene	8.00	1495.5	0.05	10.10*	1385.4	[1.45]
Geranyl acetate	10.77*	1715.1	[1.31]	10.10*	1385.4	[1.45]
Unknown DACA I [m/z 161, 91 (40), 105 (38), 79 (31), 93 (29), 119 (29)... 204 (1)]	8.10*	1503.6	[0.31]	10.10*	1385.4	[1.45]
β -Elemene	8.65*	1545.7	[5.81]	10.16	1389.7	0.14
Sesquithujene	8.34*	1521.9	[0.15]	10.39	1405.7	0.10
β -Caryophyllene	8.65*	1545.7	[5.81]	10.51*	1414.4	[5.15]
<i>cis</i> - α -Bergamotene	8.43	1529.0	1.01	10.51*	1414.4	[5.15]
α -Santalene	8.45*	1530.0	[0.39]	10.55	1417.5	0.31
β -Copaene	8.56	1538.7	0.03	10.60	1421.5	0.04
<i>trans</i> - α - Bergamotene	8.65*	1545.7	[5.81]	10.78	1434.4	1.38
Sesquisabinene A	9.35*	1600.0	[0.48]	10.87	1441.4	0.45
α -Himachalene	9.16	1585.2	0.07	10.89	1442.5	0.11
9-epi- Isocaryophyllene	9.24	1591.6	0.04	10.92	1444.6	0.06
α -Humulene	9.50*	1612.2	[0.41]	10.96	1447.7	0.36
Unknown DACA VIII [m/z 109, 124 (27), 79 (10), 91 (10), 145 (10)... 204? (1)]	10.94*	1729.5	[1.35]	11.06*	1455.8	[3.15]
Acora-3,10(14)- diene	9.44	1607.0	1.64	11.06*	1455.8	[3.15]
Sesquisabinene B	9.58*	1618.2	[1.45]	11.06*	1455.8	[3.15]

β-Santalene	9.35*	1600.0	[0.48]	11.10*	1458.4	[1.15]
(E)-β-Farnesene	9.76*	1632.6	[1.42]	11.10*	1458.4	[1.15]
Dauca-5,8-diene?	9.35*	1600.0	[0.48]	11.17*	1463.4	[0.09]
γ-Decalactone	14.69	2067.3	0.16	11.17*	1463.4	[0.09]
Unknown DACA II [m/z 161, 91 (57), 120 (46), 105 (42), 133 (25), 119 (22), 41 (21), 204 (21)]	9.79*	1635.6	[0.86]	11.19	1464.8	0.50
γ-Murolene	9.79*	1635.6	[0.86]	11.30	1473.1	0.03
Germacrene D	10.00*	1652.1	[0.40]	11.33	1475.7	0.27
β-Selinene	10.09	1659.4	0.39	11.40*†	1480.6	[0.48]
ar-Curcumene	10.84*	1720.9	[0.33]	11.41*†	1481.1	[0.37]
trans-β- Bergamotene	9.79*	1635.6	[0.86]	11.41*†	1481.1	[0.37]
α-Selinene	10.16*	1665.3	[0.15]	11.52	1489.7	0.14
Isodaucene	10.23*	1671.0	[0.54]	11.55	1492.1	0.51
Unknown DACA III [m/z 124, 134 (62), 43 (55), 119 (52), 71 (49), 41 (45), 109 (38), 121 (37)... 220 (14)]	11.34*	1763.1	[0.15]	11.59	1495.1	0.07
Methyl (E)- isoeugenol	15.22	2118.7	0.68	11.62	1496.9	0.71
β-Bisabolene	10.39*	1683.6	[4.48]	11.77*	1508.7	[4.36]
γ-Cadinene	10.60	1700.9	0.05	11.77*	1508.7	[4.36]
Sesquicineole	10.52*	1694.5	[0.05]	11.88	1517.1	0.05
δ-Cadinene	10.64*	1703.9	[0.07]	11.92	1520.5	0.05
Myristicin	15.92	2189.3	0.01	11.94*	1522.0	[0.37]
trans-Calamenene	11.44	1772.1	0.01	11.94*	1522.0	[0.37]
β- Sesquiphellandrene	10.84*	1720.9	[0.33]	11.94*	1522.0	[0.37]
trans-Cadina-1,4- diene	10.88	1724.2	0.13	12.01	1526.9	0.06
(E)-γ-Bisabolene	10.64*	1703.9	[0.07]	12.04	1529.4	0.04
Dauca-4(11),8- diene	10.52*	1694.5	[0.05]	12.08	1532.9	0.06
(E)-α-Bisabolene	10.94*	1729.5	[1.35]	12.20	1542.3	1.30
Isocaryophyllene epoxide B	12.36	1852.1	0.20	12.24	1544.8	0.20
Germacrene B	11.34*	1763.1	[0.15]	12.30	1549.7	0.16
Unknown DACA V [m/z 135, 107 (92), 159 (89), 121 (84),	13.74*	1977.2	[1.85]	12.36	1554.4	0.35

177 (80), 91 (79)...						
220 (16)]						
Germacrene D-4-ol	13.86	1988.1	0.02	12.52*	1567.2	[0.09]
Spathulenol	14.62	2060.2	0.12	12.52*	1567.2	[0.09]
Caryophyllene oxide isomer	12.92	1901.5	0.19	12.63*	1575.6	[2.69]
Caryophyllene oxide	13.01	1909.6	2.42	12.63*	1575.6	[2.69]
Carotol	13.56	1960.0	36.39	12.90*	1596.8	[37.85]
<i>trans</i> -Dauc-8-en-4 β -ol	13.74*	1977.2	[1.85]	12.90*	1596.8	[37.85]
Humulene epoxide II	13.62	1965.5	0.18	12.97	1602.2	0.21
Unknown DACA XI [m/z 177, 159 (59), 137 (45), 109 (41), 93 (41)...222(2)]				13.03	1607.1	0.10
Unknown DACA XIII [m/z 107, 105 (93), 119 (87), 132 (85), 43 (66), 91 (61)...218(35)]				13.08	1611.8	0.11
Unknown DACA XII [m/z 159, 177 (50), 93 (44), 91 (39), 105 (31), 135 (29)...222(9)]				13.14	1616.6	0.05
Muurolo-4,10(14)-dien-1 β -ol?	13.74*	1977.2	[1.85]	13.17	1619.0	0.12
Caryophylladienol I	16.26*	2224.3	[0.99]	13.25	1625.2	0.16
Caryophylladienol II	16.26*	2224.3	[0.99]	13.30	1629.8	0.09
τ -Cadinol	15.11	2107.8	0.02	13.36*	1634.4	[0.60]
Daucol	16.26*	2224.3	[0.99]	13.36*	1634.4	[0.60]
α -Muurolol	15.44	2141.5	0.04	13.44	1641.2	0.04
α -Cadinol	15.72*	2169.4	[0.12]	13.54	1649.4	0.05
Unknown DACA XIV [m/z 59, 95 (61), 149 (33), 81 (31), 107 (29), 108 (26)...222(1)]	15.62*	2158.9	[0.20]	13.65	1658.4	0.17
Unknown FEGA IV [m/z 122, 41 (59), 79 (58), 123 (54), 107 (53), 121 (47)... 206 (13)]	15.72*	2169.4	[0.12]	13.75*	1666.9	[0.33]

(3Z)-Caryophylla-3,8(13)-dien-5β-ol	17.04*	2305.1	[0.15]	13.75*	1666.9	[0.33]
α-Asarone	17.84	2392.0	0.11	13.83	1673.1	0.05
Shyobunol	16.54	2253.6	0.02	13.91*	1679.9	[0.21]
Apiole	18.00	2409.0	0.02	13.91*	1679.9	[0.21]
α-Bisabolol	15.62*	2158.9	[0.20]	13.95	1683.0	0.07
Juniper camphor	16.26*	2224.3	[0.99]	14.01	1687.8	0.30
(2Z,6E)-Farnesol	16.86	2286.0	0.11	14.12	1697.0	0.04
(2E,6E)-Farnesol	17.04*	2305.1	[0.15]	14.42	1722.4	0.04
Drimenol				14.75	1751.6	0.03
Unknown DACA XXIII [m/z 110, 123 (50), 95 (31), 111 (31), 109 (24)... 236 (t)]				14.80	1756.0	0.06
Unknown DACA XXIV [m/z 139, 159 (31), 43 (20), 82 (15), 97 (13)... 236 (4)]				14.94	1768.1	0.07
Neophytadiene	12.82	1891.9	0.02	15.76	1840.9	0.03
Phytone	14.92	2089.0	0.10	15.81	1845.2	0.09
meta-Camphorene	15.65	2162.3	0.02	16.93	1949.3	0.01
Total reported		96.45%			97.47%	

*: 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