

Date : 2024-04-15

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 24C28-PTH02

Customer Identification : Organic Thyme Thymol - Spain - TO0104R

Type : Essential Oil

Source : *Thymus vulgaris* ct. Thymol

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-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 : 2024-04-10

PHYSICOCHEMICAL DATA

Refractive index : 1.5021 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2024-03-28

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
Ethanol	tr	Aliphatic alcohol
Isobutyral	0.01	Aliphatic aldehyde
Isovaleral	0.01	Aliphatic aldehyde
2-Methylbutyral	0.01	Aliphatic aldehyde
2-Ethylfuran	tr	Furan
Isoamyl alcohol	tr	Aliphatic alcohol
2-Methylbutanol	0.01	Aliphatic alcohol
Methyl 2-methylbutyrate	0.01	Aliphatic ester
Hexan-3-one	0.01	Aliphatic ketone
Hexanal	tr	Aliphatic aldehyde
Octane	tr	Alkane
Unknown	tr	Unknown
(3Z)-Hexenol	0.01	Aliphatic alcohol
Hexanol	0.02	Aliphatic alcohol
Heptan-3-one	0.01	Aliphatic ketone
Hashishene	0.01	Monoterpene
Tricyclene	0.03	Monoterpene
α -Thujene	0.74	Monoterpene
α -Pinene	0.93	Monoterpene
Unknown	0.02	Monoterpene
Camphene	0.45	Monoterpene
Thuja-2,4(10)-diene	0.01	Monoterpene
Sabinene	0.01	Monoterpene
β -Pinene	0.26	Monoterpene
Heptanol	0.01	Aliphatic alcohol
Octen-3-ol	0.06	Aliphatic alcohol
Octan-3-one	0.08	Aliphatic ketone
Myrcene	1.85	Monoterpene
Octan-3-ol	0.03	Aliphatic alcohol
Pseudolimonene	0.02	Monoterpene
α -Phellandrene	0.19	Monoterpene
Δ^3 -Carene	0.11	Monoterpene
α -Terpinene	1.36	Monoterpene
<i>para</i> -Cymene	19.17	Monoterpene
β -Phellandrene	0.26	Monoterpene
1,8-Cineole	0.27	Monoterpenic ether
Limonene	0.41	Monoterpene
(Z)- β -Ocimene	0.01	Monoterpene
(E)- β -Ocimene	0.05	Monoterpene
γ -Terpinene	7.06	Monoterpene

2-Methylbutyl butyrate	0.01	Aliphatic ester
<i>cis</i> -Sabinene hydrate	0.26	Monoterpenic alcohol
3-Methyl-3-butenyl butyrate?	0.01	Aliphatic ester
<i>cis</i> -Linalool oxide (fur.)	0.03	Monoterpenic alcohol
Octanol	0.01	Aliphatic alcohol
Fenchone	0.01	Monoterpenic ketone
<i>trans</i> -Linalool oxide (fur.)	0.05	Monoterpenic alcohol
Terpinolene	0.14	Monoterpene
<i>para</i> -Cymenene	0.07	Monoterpene
Methyl benzoate	0.02	Phenolic ester
Unknown	0.01	Unknown
<i>trans</i> -Sabinene hydrate	0.14	Monoterpenic alcohol
Linalool	4.31	Monoterpenic alcohol
Nonanal	0.01	Aliphatic aldehyde
Hotrienol	0.02	Monoterpenic alcohol
endo-Fenchol	0.02	Monoterpenic alcohol
Unknown	tr	Oxygenated monoterpene
Unknown	0.06	Unknown
<i>cis-para</i> -Menth-2-en-1-ol	0.02	Monoterpenic alcohol
Unknown	0.01	Unknown
Unknown	0.07	Unknown
Unknown	0.01	Unknown
<i>trans</i> -Pinocarveol	0.01	Monoterpenic alcohol
Camphor	0.06	Monoterpenic ketone
Camphene hydrate	0.04	Monoterpenic alcohol
<i>trans</i> -Chrysanthemal	0.07	Monoterpenic aldehyde
Unknown	0.03	Oxygenated monoterpene
Isoborneol	0.02	Monoterpenic alcohol
Unknown	0.01	Unknown
(<i>E</i>)-2,6-Dimethyl-1,5,7-octatrien-3-ol	0.01	Monoterpenic alcohol
Borneol	1.05	Monoterpenic alcohol
Lavandulol	0.04	Monoterpenic alcohol
Terpinen-4-ol	0.75	Monoterpenic alcohol
Unknown	0.01	Unknown
<i>para</i> -Cymen-8-ol	0.02	Monoterpenic alcohol
α -Terpineol	0.12	Monoterpenic alcohol
<i>cis</i> -Dihydrocarvone	0.22	Monoterpenic ketone
<i>trans</i> -Dihydrocarvone	0.07	Monoterpenic ketone
<i>trans</i> -Piperitol	0.04	Monoterpenic alcohol
<i>trans</i> -Carveol	0.02	Monoterpenic alcohol
8,9-Dehydrothymol?	0.01	Monoterpenic alcohol
Bornyl formate	0.04	Monoterpenic ester
Thymol methyl ether	0.02	Monoterpenic ether
Neral	0.02	Monoterpenic aldehyde
Carvacrol methyl ether	0.23	Monoterpenic ether

Unknown	0.07	Unknown
(E)-Isogeraniol?	0.01	Monoterpenic alcohol
Verbenone isomer?	0.06	Monoterpenic ketone
Geranial	0.01	Monoterpenic aldehyde
Unknown	0.09	Unknown
Bornyl acetate	0.04	Monoterpenic ester
Thymol analogue I (isothymol?)	0.09	Monoterpenic alcohol
Thymol analogue II	0.12	Monoterpenic alcohol
Thymol	50.06	Monoterpenic alcohol
Carvacrol	3.76	Monoterpenic alcohol
Thymyl acetate	0.01	Monoterpenic ester
Eugenol	0.04	Phenylpropanoid
α -Copaene	0.03	Sesquiterpene
β -Bourbonene	0.01	Sesquiterpene
Isocaryophyllene	0.01	Sesquiterpene
α -Gurjunene	0.02	Sesquiterpene
β -Caryophyllene	1.26	Sesquiterpene
Aromadendrene	0.11	Sesquiterpene
α -Humulene	0.07	Sesquiterpene
Thymohydroquinone isomer?	0.28	Simple phenolic
allo-Aromadendrene	0.06	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.02	Sesquiterpene
γ -Muurolene	0.04	Sesquiterpene
Germacrene D	0.02	Sesquiterpene
β -Selinene	0.01	Sesquiterpene
allo-Aromadendr-9-ene	0.02	Sesquiterpene
Viridiflorene	0.08	Sesquiterpene
α -Muurolene	0.03	Sesquiterpene
β -Bisabolene	0.01	Sesquiterpene
γ -Cadinene	0.06	Sesquiterpene
(Z)- γ -Bisabolene	0.01	Sesquiterpene
δ -Cadinene	0.10	Sesquiterpene
<i>trans</i> -Calamenene	0.02	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.01	Sesquiterpene
α -Cadinene	0.01	Sesquiterpene
Caryophyllenyl alcohol	0.05	Sesquiterpenic alcohol
Spathulenol	0.08	Sesquiterpenic alcohol
Caryophyllene oxide	0.16	Sesquiterpenic ether
Unknown	0.03	Oxygenated sesquiterpene
Neryl 2-methylbutyrate?	0.01	Monoterpenic ester
Humulene epoxide II	0.01	Sesquiterpenic ether
Geranyl isovalerate	0.02	Monoterpenic ester
10-epi- γ -Eudesmol	0.01	Sesquiterpenic alcohol
Caryophylladienol II	0.01	Sesquiterpenic alcohol
Isospathulenol	0.01	Sesquiterpenic alcohol

τ -Cadinol	0.02	Sesquiterpenic alcohol
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	0.02	Sesquiterpenic alcohol
Shyobunol	0.01	Sesquiterpenic alcohol
Unknown	0.02	Unknown
Unknown	0.05	Unknown
Unknown	0.11	Unknown
Unknown	0.01	Unknown
<i>meta</i> -Camphorene	0.02	Diterpene
Unknown	0.02	Unknown
Unknown	0.01	Unknown
Unknown	0.02	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Unknown	0.02	Unknown
Unknown	0.01	Unknown
Unknown	0.01	Unknown
Consolidated total	99.20	

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

Note: no correction factor was applied

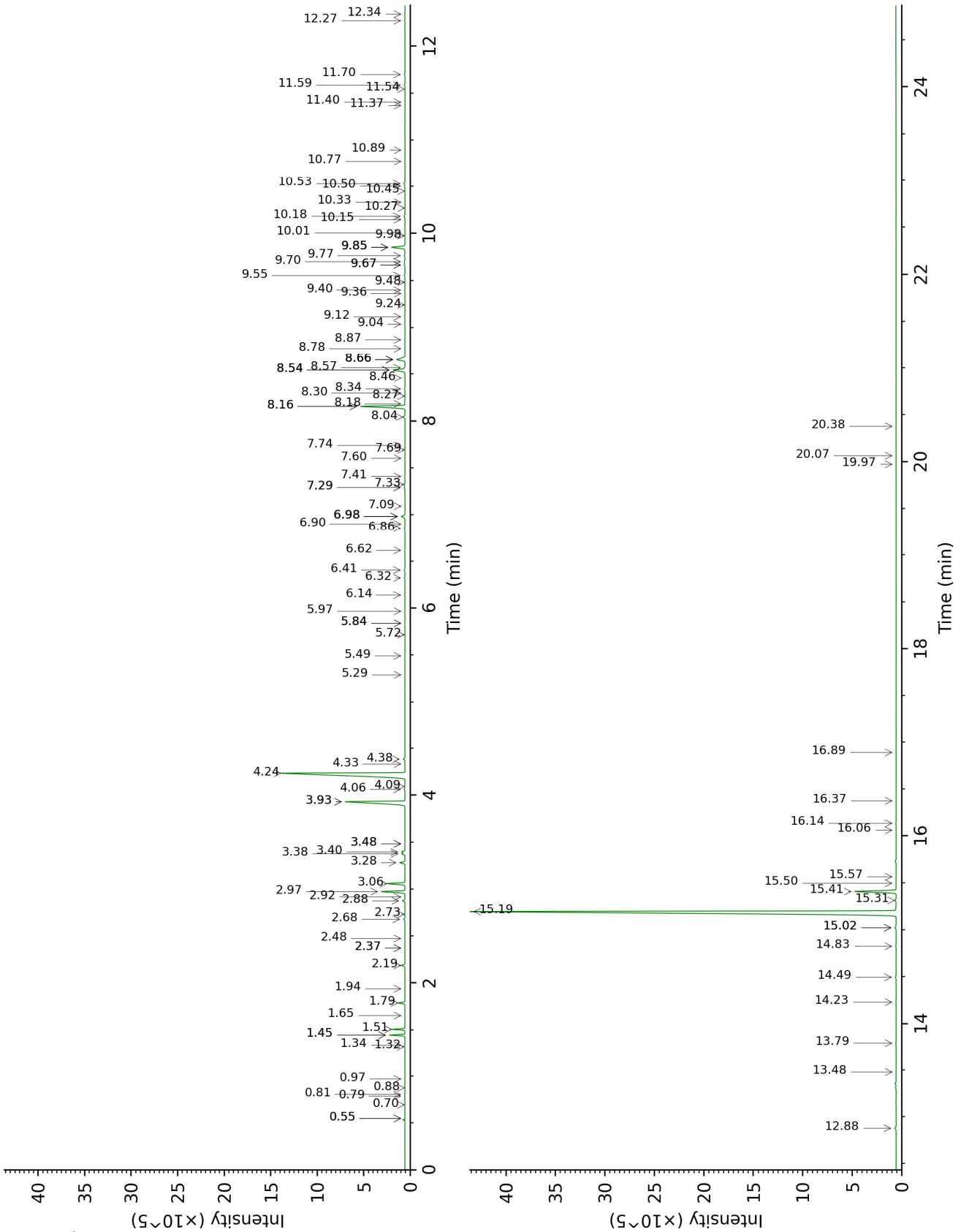
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

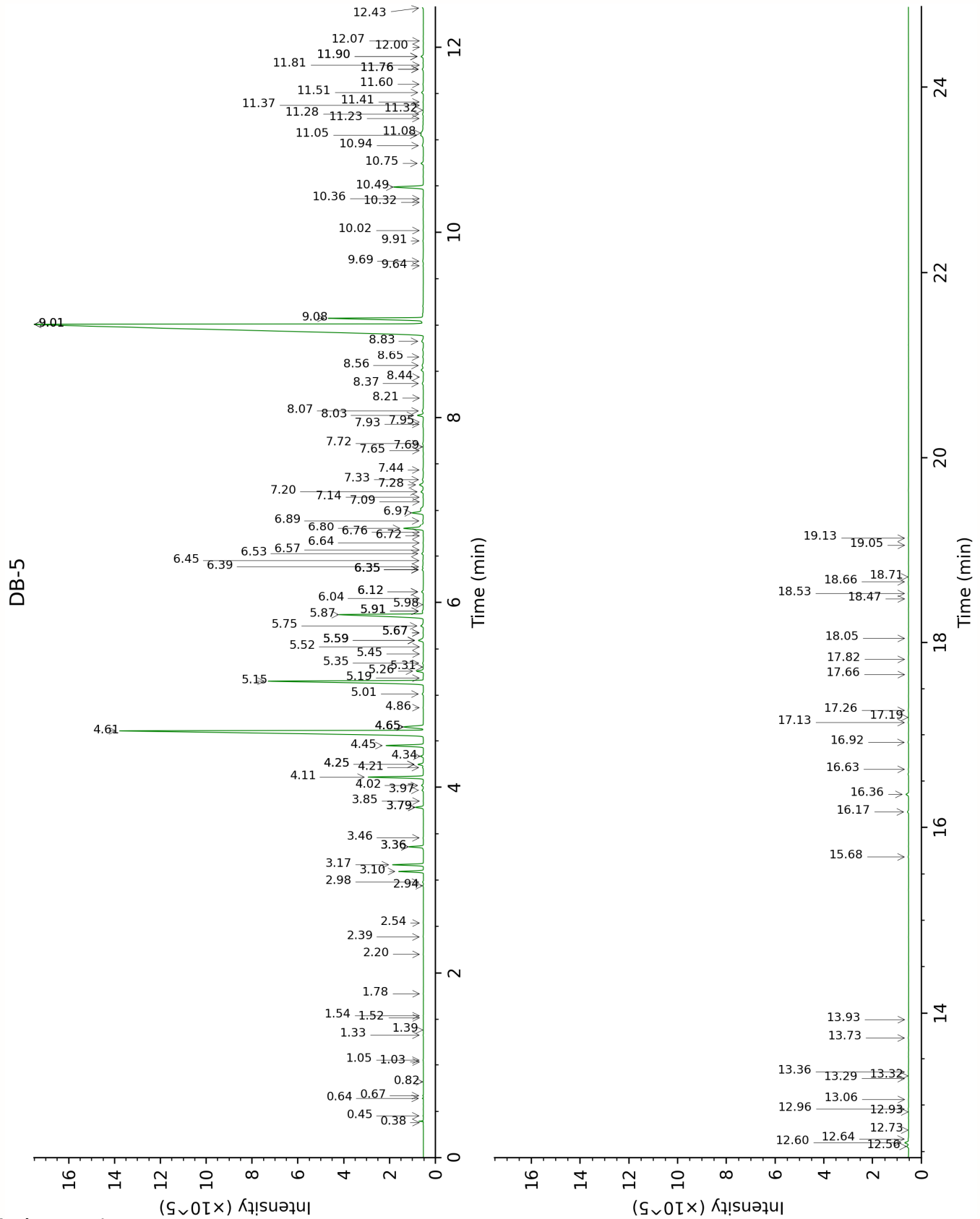
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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

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

DB-WAX





FULL ANALYSIS DATA

Ethanol	Column DB-WAX			Column DB-5		
	0.88	907.2	tr	0.38	500.6	tr
Isobutylal	0.55*	786.9	[tr]	0.45	536.6	0.01
Isovaleral	0.81	884.4	0.02	0.64	640.8	0.01
2-Methylbutylal	0.79	878.3	0.01	0.67	650.9	0.01
2-Ethylfuran	0.97	921.9	tr	0.82	701.0	tr
Isoamyl alcohol	3.48*	1173.3	[0.02]	1.03	733.0	tr
2-Methylbutanol	3.48*	1173.3	[0.02]	1.05	735.8	0.01
Methyl 2-methylbutyrate	1.34	976.9	0.01	1.33	774.0	0.01
Hexan-3-one	1.65	1017.6	0.01	1.39	781.7	0.01
Hexanal	1.94	1044.4	tr	1.52	799.7	tr
Octane	0.55*	786.9	[tr]	1.54	802.8	tr
Unknown PEGR III [m/z 81, 69 (80), 41 (65), 83 (52), 109 (48), 55 (47)...]	0.70	847.7	tr	1.78	823.3	tr
(3Z)-Hexenol	5.84*	1343.6	[0.02]	2.20	858.1	0.01
Hexanol	5.49	1318.6	0.02	2.39	873.5	0.02
Heptan-3-one	2.73	1116.5	0.01	2.54	885.8	0.01
Hashishene	1.45*	993.0	[0.94]	2.94	916.2	0.01
Tricyclene	1.32	974.5	0.02	2.98	918.7	0.03
α -Thujene	1.51	1002.3	0.74	3.10	926.3	0.74
α -Pinene	1.45*	993.0	[0.94]	3.17	931.1	0.93
Unknown SAOF I [m/z 91, 92 (47), 65 (11)... 134 (1)]	2.48	1094.8	0.02	3.36*	943.8	[0.48]
Camphene	1.79	1030.2	0.45	3.36*	943.8	[0.48]
Thuja-2,4(10)-diene	2.37*	1085.2	[0.02]	3.46	950.2	0.01
Sabinene	2.37*	1085.2	[0.02]	3.79*	971.8	[0.27]
β -Pinene	2.19	1067.8	0.26	3.79*	971.8	[0.27]
Heptanol	6.90	1420.9	0.01	3.85	976.2	0.01
Octen-3-ol	6.86	1417.5	0.06	3.97	983.9	0.06
Octan-3-one	4.06	1216.5	0.06	4.02	987.3	0.08
Myrcene	2.97	1134.7	1.85	4.11	993.2	1.85
Octan-3-ol	6.14	1365.3	0.04	4.22	1000.0	0.03
Pseudolimonene	2.92	1130.4	0.02	4.25*	1002.3	[0.21]
α -Phellandrene	2.88	1127.3	0.19	4.25*	1002.3	[0.21]
Δ^3 -Carene	2.68	1112.4	0.10	4.34	1007.9	0.11
α -Terpinene	3.06	1141.2	1.36	4.45	1015.1	1.36
<i>para</i> -Cymene	4.24	1228.8	19.13	4.61	1025.0	19.17
β -Phellandrene	3.38	1165.2	0.26	4.65*	1027.6	[0.94]
1,8-Cineole	3.40	1166.7	0.27	4.65*	1027.6	[0.94]
Limonene	3.28	1158.1	0.41	4.65*	1027.6	[0.94]

(Z)-β-Ocimene	3.93*	1207.2	[7.08]	4.86	1040.6	0.01
(E)-β-Ocimene	4.09	1218.7	0.05	5.02	1050.3	0.05
γ-Terpinene	3.93*	1207.2	[7.08]	5.15	1059.0	7.06
2-Methylbutyl butyrate	4.33	1235.7	0.01	5.19	1061.0	0.01
cis-Sabinene hydrate	6.98*	1427.1	[0.38]	5.26	1065.7	0.26
3-Methyl-3-butenyl butyrate?	5.29	1304.1	0.01	5.31	1068.5	0.01
cis-Linalool oxide (fur.)	6.62	1399.8	0.04	5.35	1071.1	0.03
Octanol	8.27	1524.1	0.01	5.45	1077.3	0.01
Fenchone	5.84*	1343.6	[0.02]	5.52	1082.1	0.01
trans-Linalool oxide (fur.)	6.98*	1427.1	[0.38]	5.59*	1086.4	[0.26]
Terpinolene	4.38	1239.4	0.14	5.59*	1086.4	[0.26]
para-Cymenene	6.41	1384.5	0.07	5.59*	1086.4	[0.26]
Methyl benzoate	8.66*	1554.7	[1.06]	5.67*	1091.5	[0.03]
Unknown PECL II [m/z 123, 81 (78), 79 (39), 41 (31), 67 (28), 150 (27)...]	5.72	1334.9	0.01	5.67*	1091.5	[0.03]
trans-Sabinene hydrate	8.04	1506.6	0.17	5.75	1096.2	0.14
Linalool	8.16*	1515.5	[4.30]	5.87	1103.8	4.31
Nonanal	5.97	1352.9	0.01	5.91*	1106.2	[0.08]
Hotrienol	8.87	1571.8	0.02	5.91*	1106.2	[0.08]
endo-Fenchol	8.46	1539.3	tr	5.98	1110.6	0.02
Unknown BOSE II [m/z 109, 91 (57), 93 (47), 81 (44), 77 (40)... 154 (1)]				6.04	1114.8	tr
Unknown CYFL II [m/z 81, 79 (19), 41 (12), 92 (8), 77 (8)...]	6.32	1378.4	0.06	6.12*	1119.5	[0.07]
cis-para-Menth-2-en-1-ol	8.18	1517.7	0.02	6.12*	1119.5	[0.07]
Unknown MEOF V [m/z 70, 81 (94), 67 (52), 69 (45), 109 (44), 82 (35)...]	7.09	1435.3	0.01	6.35*	1134.6	[0.05]
Unknown CYFL III [m/z 81, 70 (98), 67 (63), 82 (53), 41 (46), 69 (46), 109 (43)...]	6.98*	1427.1	[0.38]	6.35*	1134.6	[0.05]
Unknown CYFL IV	7.69	1480.3	0.01	6.35*	1134.6	[0.05]

[m/z 95, 67 (86), 41 (68), 82 (64), 123 (62)...]						
<i>trans</i> -Pinocarveol	9.24	1601.0	0.01	6.35*	1134.6	[0.05]
Camphor	7.32	1452.6	0.06	6.39	1136.6	0.06
Camphene hydrate	8.57	1547.9	0.03	6.45	1140.9	0.04
<i>trans</i> -Chrysanthemal	7.29*	1450.2	[0.09]	6.53	1145.7	0.07
Unknown DRMO V [m/z 123, 81 (60), 67 (49), 95 (36), 41 (29), 68 (25)...152 (2)]	7.41	1459.1	0.03	6.57	1148.2	0.03
Isoborneol	9.48	1620.5	0.01	6.64	1153.1	0.02
Unknown RHGR XVIII [m/z 123, 81 (46), 43 (45), 95 (34), 166 (30)]	9.04	1584.8	0.02	6.72	1158.0	0.01
(<i>E</i>)-2,6-Dimethyl-1,5,7-octatrien-3-ol	10.33	1690.7	0.01	6.76	1160.5	0.01
Borneol	9.85*	1651.1	[1.32]	6.80	1163.1	1.05
Lavandulol	9.67*	1635.6	[0.05]	6.89	1168.7	0.04
Terpinen-4-ol	8.66*	1554.7	[1.06]	6.98†	1174.2	0.56
Unknown THVU XXII [m/z 81, 93 (62), 43 (48), 121 (43), 152 (32), 95 (31), 55 (30)]				7.09	1181.8	0.01
<i>para</i> -Cymen-8-ol	11.58	1788.7	0.07	7.14	1185.0	0.02
α -Terpineol	9.85*	1651.1	[1.32]	7.20	1188.7	0.12
<i>cis</i> -Dihydrocarvone	8.54*	1545.9	[1.29]	7.28	1193.5	0.22
<i>trans</i> -Dihydrocarvone	8.78	1564.3	0.03	7.33	1197.0	0.07
<i>trans</i> -Piperitol	10.45	1700.5	0.03	7.44	1203.7	0.04
<i>trans</i> -Carveol	11.54	1785.1	0.01	7.65	1217.6	0.02
8,9-Dehydrothymol?				7.69	1220.3	0.01
Bornyl formate	8.16*	1515.5	[4.30]	7.72	1222.6	0.04
Thymol methyl ether	8.54*	1545.9	[1.29]	7.93	1236.5	0.02
Neral	9.55	1626.3	0.08	7.95	1238.1	0.02
Carvacrol methyl ether	8.66*	1554.7	[1.06]	8.03	1243.0	0.23
Unknown MEPI XVI [m/z 69, 41 (59), 93 (46), 68 (22), 43 (21), 80 (19)...]				8.07	1246.1	0.07
(<i>E</i>)-Isogeraniol?	11.37	1769.9	0.01	8.21	1255.4	0.01
Verbenone isomer?				8.37	1265.9	0.06
Geranial	10.18	1678.3	0.10	8.44	1270.5	0.01

Unknown MISC LXX [m/z 43, 109 (77), 58 (49), 71 (41), 81 (37), 55 (34)...]	12.27	1850.7	0.04	8.56	1278.9	0.09
Bornyl acetate	8.34	1530.2	0.05	8.66	1285.0	0.04
Thymol analogue I (isothymol?)	15.02*	2113.1	[0.13]	8.83	1296.8	0.09
Thymol analogue II	15.31	2142.7	0.12	9.01*	1309.2	[50.21]
Thymol	15.19	2130.6	50.06	9.01*	1309.2	[50.21]
Carvacrol	15.41	2152.4	3.73	9.08	1313.7	3.76
Thymyl acetate	11.70	1798.6	0.07	9.64	1353.5	0.01
Eugenol	14.83	2093.6	0.04	9.69	1356.9	0.04
α -Copaene	7.29*	1450.2	[0.09]	9.91	1372.3	0.03
β -Bourbonene	7.60	1473.6	0.01	10.02	1380.1	0.01
Isocaryophyllene	8.30	1526.6	0.01	10.32	1401.5	0.01
α -Gurjunene	7.74	1483.9	0.01	10.36	1404.2	0.02
β -Caryophyllene	8.54*	1545.9	[1.29]	10.49	1413.5	1.26
Aromadendrene	8.66*	1554.7	[1.06]	10.75	1433.0	0.11
α -Humulene	9.40	1613.6	0.05	10.94	1447.2	0.07
Thymohydroquinone isomer?				11.05*†	1455.5	[0.17]
allo-Aromadendrene	9.12	1591.0	0.06	11.08*†	1457.3	[0.17]
<i>trans</i> -Cadina-1(6),4- diene	9.36	1610.6	0.01	11.23	1468.9	0.02
γ -Muurolene	9.70	1638.5	0.08	11.28	1472.5	0.04
Germacrene D	9.85*	1651.1	[1.32]	11.32	1475.6	0.02
β -Selinene	9.98	1661.3	0.02	11.37	1479.5	0.01
allo-Aromadendr-9- ene	9.67*	1635.6	[0.05]	11.41	1482.2	0.02
Viridiflorene	9.76	1643.8	0.07	11.51	1489.8	0.08
α -Muurolene	10.15	1675.5	0.02	11.60	1496.4	0.03
β -Bisabolene	10.27	1685.6	0.01	11.76*	1508.6	[0.06]
γ -Cadinene	10.50	1705.0	0.06	11.76*	1508.6	[0.06]
(<i>Z</i>)- γ -Bisabolene	10.01	1663.7	0.02	11.81	1512.1	0.01
δ -Cadinene	10.53	1707.1	0.10	11.90*	1519.4	[0.12]
<i>trans</i> -Calamenene	11.40	1772.9	0.02	11.90*	1519.4	[0.12]
<i>trans</i> -Cadina-1,4- diene	10.77	1728.1	0.01	12.00	1527.2	0.01
α -Cadinene	10.89	1738.5	0.01	12.07	1532.6	0.01
Caryophyllenyl alcohol	13.79	1992.8	0.04	12.43	1560.7	0.05
Spathulenol	14.50	2061.1	0.09	12.56	1570.7	0.08
Caryophyllene oxide	12.88	1906.1	0.16	12.60	1573.9	0.16
Unknown THVU II [m/z 161, 187 (29),				12.64	1577.0	0.03

105 (24), 91 (23), 93 (23)... 205 (19), 220? (2)]						
Neryl 2-methylbutyrate?				12.73	1584.6	0.01
Humulene epoxide II	13.48	1963.0	0.02	12.93	1599.9	0.01
Geranyl isovalerate	12.34	1857.2	0.02	12.96	1602.3	0.02
10-epi- γ -Eudesmol	14.23	2035.1	0.04	13.06	1610.7	0.01
Caryophylladienol II	16.14	2227.0	0.04	13.29	1629.3	0.01
Isospathulenol	15.57	2168.4	0.02	13.32	1631.7	0.01
τ -Cadinol	15.02*	2113.1	[0.13]	13.36	1635.1	0.02
(3Z)-Caryophylla-3,8(13)-dien-5 β -ol	16.89	2306.3	0.02	13.73	1666.1	0.02
Shyobunol	16.37	2252.2	0.01	13.93	1682.4	0.01
Unknown UNKN XX [m/z 81, 136 (68), 135 (58), 150 (44), 93 (34), 121 (30)...]				15.68	1834.6	0.02
Unknown THVU XVI [m/z 81, 136 (62), 135 (56), 150 (39), 93 (33), 121 (24)...]				16.17	1878.7	0.05
Unknown THVU III [m/z 136, 81 (96), 135 (76), 93 (48), 150 (47), 121 (43), 137 (28)...]				16.36	1895.9	0.11
Unknown ORVU X [m/z 136, 81 (81), 150 (74), 135 (52), 93 (46), 121 (42)...]	16.06	2219.1	0.02	16.63	1921.1	0.01
<i>meta</i> -Camphorene	15.50	2161.4	0.05	16.92	1948.7	0.02
Unknown THVU IV [m/z 201, 159 (37), 148 (27), 173 (22), 41 (20)... 284 (16)]				17.13	1969.0	0.02
Unknown THVU V [m/z 135, 150 (90), 201 (83), 81 (52), 136 (35)... 286 (25)]				17.19	1974.3	0.01
Unknown THVU VI [m/z 135, 150 (61), 81 (45), 69 (37), 41 (24), 136 (21), 93 (19)...]				17.26	1981.5	0.02
Unknown THVU VII [m/z 135, 150 (67), 69				17.66	2019.4	0.01

(57), 41 (24)...						
Unknown UNKN XXIV [m/z 135, 43 (51), 150 (36), 109 (30), 93 (27), 95 (21)...				17.82	2035.7	0.01
Unknown THVU VIII [m/z 173, 159 (29), 216 (27), 286 (15)]				18.05	2058.1	0.01
Unknown THVU IX [m/z 163, 201 (51), 175 (40), 41 (38), 147 (35), 286 (32)]				18.47	2100.3	0.01
Unknown THVU X [m/z 163, 175 (51), 201 (40), 147 (33), 41 (31), 123 (29)... 286 (23)]	20.38	2703.2	0.01	18.53	2106.2	0.01
Unknown MOFI V [m/z 69, 41 (81), 91 (37), 166 (35), 105 (33), 43 (30)...	19.97	2655.0	0.01	18.66	2119.2	0.01
Unknown MOFI VI [m/z 69, 41 (74), 166 (36), 91 (32), 105 (28), 43 (25)...	20.06	2665.9	0.01	18.71	2124.6	0.02
Unknown THVU XI [m/z 163, 175 (91), 173 (83), 161 (82), 41 (66), 286 (66)]				19.05	2159.9	0.01
Unknown THVU XII [m/z 267, 282 (24), 268 (21), 117 (16), 126 (11)...				19.13	2167.8	0.01
Total reported		98.45%			99.22%	

*: 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