

Date : 2025-07-24

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 25G10-PTH01

Customer Identification : Cedarwood Texas (crude) - USA - CB8112R

Type : Essential Oil

Source : *Juniperus mexicana*

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 : 2025-07-23

PHYSICOCHEMICAL DATA

Refractive index : 1.5071 ± 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.

ANALYSIS SUMMARY - CONSOLIDATED CONTENTS

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

Identification	%	Class
Unknown	tr	Monoterpene
α -Pinene	0.03	Monoterpene
α -Fenchene	0.01	Monoterpene
Thuja-2,4(10)-diene	0.01	Monoterpene
α -Methylstyrene	0.01	Normonoterpene
Δ^3 -Carene	0.01	Monoterpene
α -Terpinene	0.01	Monoterpene
<i>para</i> -Cymene	0.01	Monoterpene
Limonene	0.01	Monoterpene
γ -Terpinene	0.01	Monoterpene
Terpinolene	0.01	Monoterpene
<i>para</i> -Cymenene	0.01	Monoterpene
Linalool	0.02	Monoterpenic alcohol
α -Campholenal	0.01	Monoterpenic aldehyde
<i>trans</i> -Pinocarveol	0.04	Monoterpenic alcohol
Camphor	0.04	Monoterpenic ketone
<i>meta</i> -Mentha-4,6-dien-8-ol	0.01	Monoterpenic alcohol
Pinocamphone	0.01	Monoterpenic ketone
Borneol	0.01	Monoterpenic alcohol
α -Phellandren-8-ol	0.01	Monoterpenic alcohol
Terpinen-4-ol	0.04	Monoterpenic alcohol
<i>meta</i> -Cymen-8-ol	0.01	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.04	Monoterpenic alcohol
α -Terpineol	0.02	Monoterpenic alcohol
Myrtenol	0.03	Monoterpenic alcohol
Verbenone	0.05	Monoterpenic ketone
<i>trans</i> -Carveol	0.02	Monoterpenic alcohol
Carvacrol methyl ether	0.05	Monoterpenic ether
Carvenone	0.01	Monoterpenic ketone
Bornyl acetate	0.01	Monoterpenic ester
Brasila-1,10-diene	0.02	Sesquiterpene
Carvacrol	0.05	Monoterpenic alcohol
α -Terpinyl acetate	0.02	Monoterpenic ester
African-1-ene	0.04	Sesquiterpene
2- <i>epi</i> - α -Funebrene	0.09	Sesquiterpene
β -Patchoulene	0.01	Sesquiterpene
α -Duprezianene	0.50	Sesquiterpene
Isolongifolene	0.04	Sesquiterpene
7- <i>epi</i> -Sesquithujene	0.04	Sesquiterpene
β -Elemene	0.17	Sesquiterpene

α -Chamipinene	0.10	Sesquiterpene
Unknown	0.10	Sesquiterpene
α -Cedrene	12.91	Sesquiterpene
β -Caryophyllene	0.07	Sesquiterpene
β -Cedrene	3.11	Sesquiterpene
β -Duprezianene	0.27	Sesquiterpene
<i>cis</i> -Thujopsene	31.15	Sesquiterpene
Isobazzanene	0.15	Sesquiterpene
<i>trans</i> - α -Bergamotene	0.11	Sesquiterpene
β -Barbatene	0.15	Sesquiterpene
Prezizaene	tr	Sesquiterpene
7,8-Dehydro- α -acoradiene?	0.43	Sesquiterpene
α -Himachalene	0.58	Sesquiterpene
α -Humulene	0.03	Sesquiterpene
Cadina-4,11-diene	0.35	Sesquiterpene
Thujopsadiene?	0.23	Sesquiterpene
α -Acoradiene	0.32	Sesquiterpene
9- <i>epi</i> - β -Caryophyllene	0.90	Sesquiterpene
β -Acoradiene	0.04	Sesquiterpene
Thujopsene isomer	0.39	Sesquiterpene
β -Chamigrene	0.31	Sesquiterpene
Unknown	0.20	Sesquiterpene
Unknown	0.46	Sesquiterpene
γ -Himachalene	1.04	Sesquiterpene
Widdra-2,4(14)-diene?	0.32	Sesquiterpene
Germacrene D	0.17	Sesquiterpene
Unknown	0.07	Sesquiterpene
<i>ar</i> -Curcumene	0.17	Sesquiterpene
Valencene	0.06	Sesquiterpene
Pseudowiddrene	1.18	Sesquiterpene
β -Himachalene	0.71	Sesquiterpene
α -Chamigrene	[3.52]	Sesquiterpene
α -Cuprenene	[3.52]	Sesquiterpene
Cuparene	1.46	Sesquiterpene
1,2-Dihydrocuparene	0.48	Sesquiterpene
α -Alaskene	0.11	Sesquiterpene
Unknown	0.20	Sesquiterpene
γ -Cadinene	0.32	Sesquiterpene
β -Curcumene	0.24	Sesquiterpene
δ -Cadinene	0.02	Sesquiterpene
γ -Dehydro- <i>ar</i> -himachalene	0.08	Sesquiterpene
β -Sesquiphellandrene	0.17	Sesquiterpene
γ -Cuprenene	0.14	Sesquiterpene
Unknown	0.19	Oxygenated sesquiterpene
(<i>E</i>)- γ -Bisabolene	0.01	Sesquiterpene

α -Cadinene	0.04	Sesquiterpene
α -Himachalene	0.06	Sesquiterpene
δ -Cuprenene epimer I	0.07	Sesquiterpene
Unknown	0.15	Oxygenated sesquiterpene
δ -Cuprenene epimer II	0.31	Sesquiterpene
Unknown	0.05	Oxygenated sesquiterpene
Unknown	0.20	Oxygenated sesquiterpene
Caryophyllenyl alcohol	0.04	Sesquiterpenic alcohol
Unknown	0.14	Sesquiterpene
allo-Cedrol	0.32	Sesquiterpenic alcohol
Widdrol	2.32	Sesquiterpenic alcohol
α -Cedrol	24.02	Sesquiterpenic alcohol
β -Himachalene oxide	0.05	Sesquiterpenic ether
1,10-diepi-Cubenol	0.01	Sesquiterpenic alcohol
epi-Cedrol	0.24	Sesquiterpenic alcohol
Unknown	0.03	Oxygenated sesquiterpene
2-epi- α -Cedren-3-one	0.09	Sesquiterpenic ketone
α -Acorenol	1.12	Sesquiterpenic alcohol
Unknown	0.03	Oxygenated sesquiterpene
β -Acorenol	0.69	Sesquiterpenic alcohol
Unknown	0.05	Oxygenated sesquiterpene
Unknown	0.18	Oxygenated sesquiterpene
τ -Cadinol	0.03	Sesquiterpenic alcohol
Himachalol	0.30	Sesquiterpenic alcohol
Unknown	0.64	Oxygenated sesquiterpene
Unknown	0.18	Oxygenated sesquiterpene
Unknown	0.09	Oxygenated sesquiterpene
Unknown	0.11	Oxygenated sesquiterpene
Cedrenol analog	0.07	Sesquiterpenic alcohol
14-Hydroxy-9-epi-(<i>E</i>)-caryophyllene	0.19	Sesquiterpenic alcohol
1,7-diepi- α -Cedrenal?	0.01	Sesquiterpenic aldehyde
Khusiol	0.03	Sesquiterpenic alcohol
β -Bisabolol	0.08	Sesquiterpenic alcohol
Cedr-8-en-13-ol	0.12	Sesquiterpenic alcohol
Junicedranol?	0.18	Norsesquiterpenic alcohol
α -Bisabolol	0.23	Sesquiterpenic alcohol
α -Cedrenol	0.20	Sesquiterpenic alcohol
Unknown	0.26	Oxygenated sesquiterpene
Mayurone?	0.46	Norsesquiterpenic ketone
Thujopsenal	0.59	Sesquiterpenic aldehyde
Unknown	0.03	Oxygenated sesquiterpene
Thujopsenal analog	0.15	Sesquiterpenic aldehyde
Unknown	0.12	Oxygenated sesquiterpene
Cuparenal	0.11	Sesquiterpenic aldehyde
Unknown	0.05	Oxygenated sesquiterpene

Unknown	0.07	Oxygenated sesquiterpene
Unknown	0.08	Oxygenated sesquiterpene
β -Acoradienol?	0.05	Sesquiterpenic alcohol
Unknown	0.12	Oxygenated sesquiterpene
Unknown	0.02	Oxygenated sesquiterpene
Unknown	0.12	Oxygenated sesquiterpene
Isopimara-9(11),15-diene	0.01	Diterpene
Consolidated total	99.43	

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

Note: no correction factor was applied

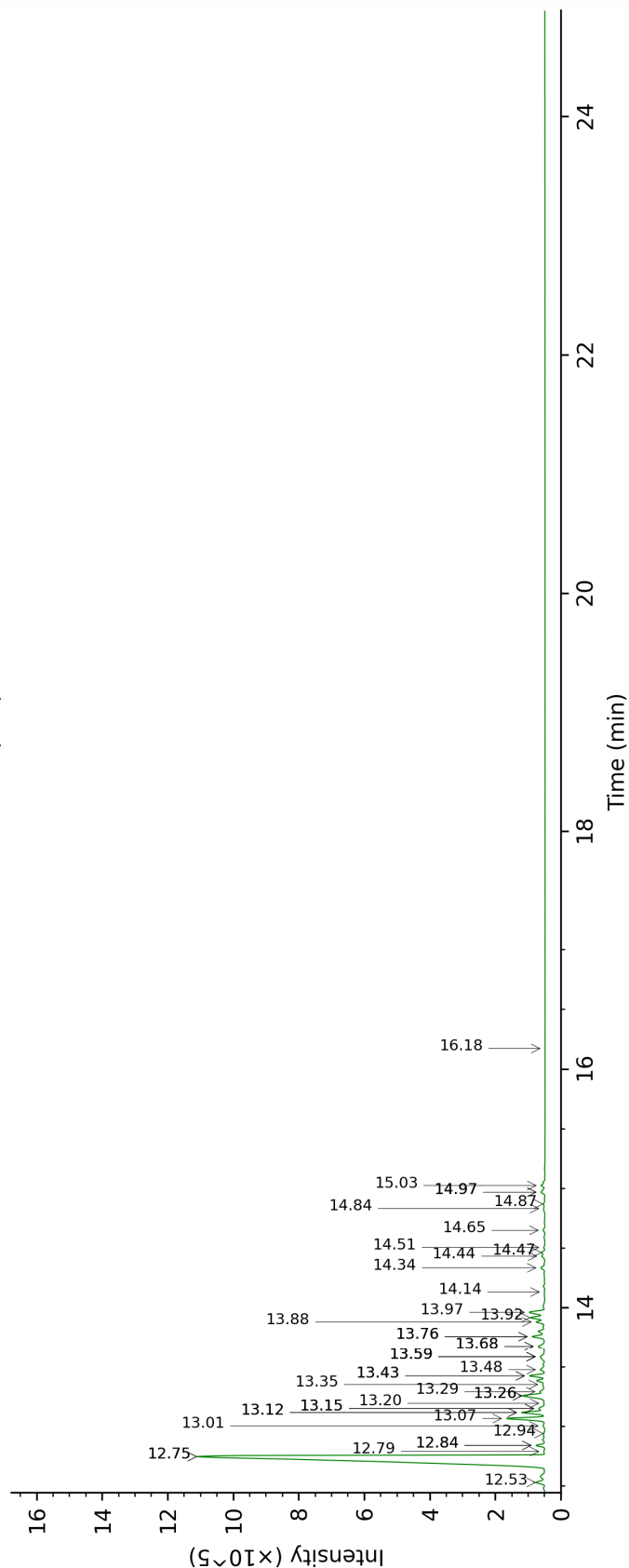
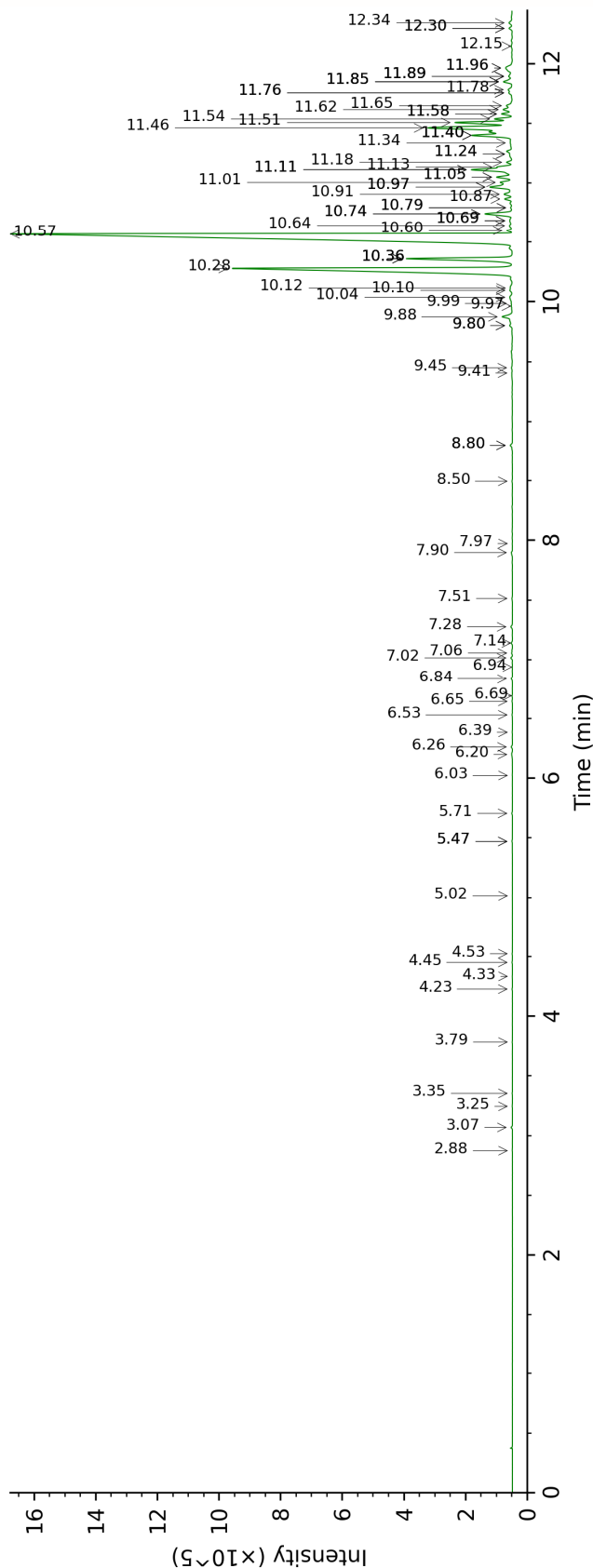
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

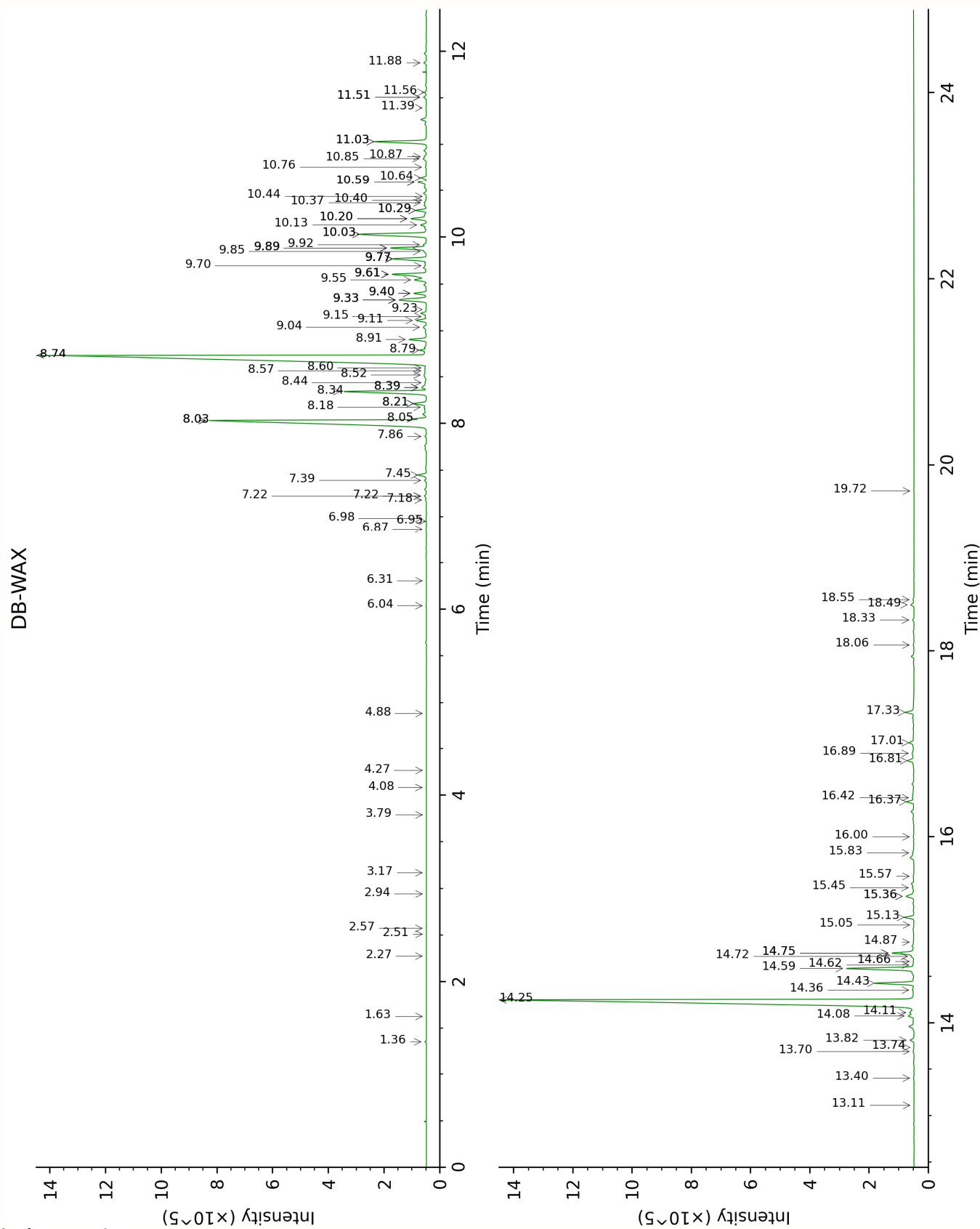
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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-5





FULL ANALYSIS DATA

Unknown JUVI I [m/z 105, 79 (80), 91 (78), 77 (69), 78 (56), 93 (46), 120 (44)... 136 (4)]	Column DB-5			Column DB-WAX		
	2.88	917.7	tr	2.51	1104.2	0.01
α-Pinene	3.07	930.7	0.03	1.36	988.4	0.03
α-Fenchene	3.25	942.6	0.01	1.63	1018.6	0.01
Thuja-2,4(10)-diene	3.36	949.8	0.01	2.28	1082.7	0.01
α-Methylstyrene	3.78	978.6	0.01	4.88	1285.4	0.01
Δ ³ -Carene	4.23	1008.1	0.01	2.57	1109.2	0.01
α-Terpinene	4.34	1014.9	0.01	2.94	1138.2	0.01
para-Cymene	4.45	1022.2	0.01	4.08	1226.5	0.02
Limonene	4.52	1026.9	0.01	3.17	1156.2	0.01
γ-Terpinene	5.02	1058.1	0.01	3.79	1205.0	0.01
Terpinolene	5.47*	1087.0	[0.02]	4.27	1240.2	0.01
para-Cymenene	5.47*	1087.0	[0.02]	6.31	1384.9	0.01
Linalool	5.71	1102.0	0.02	8.05	1514.8	0.26
α-Campholenal	6.02	1122.5	0.01	6.98	1434.7	0.02
trans-Pinocarveol	6.20	1133.9	0.04	9.15	1600.5	0.04
Camphor	6.26	1138.0	0.04	7.18	1449.4	0.04
meta-Mentha-4,6-dien-8-ol	6.39	1145.9	0.01	9.33*	1614.8	[1.23]
Pinocamphone	6.53	1155.4	0.01	7.22*	1452.5	[0.08]
Borneol	6.65	1162.7	0.01	9.77*	1650.4	[1.24]
α-Phellandren-8-ol	6.69	1165.8	0.01	10.13	1679.7	0.20
Terpinen-4-ol	6.84	1175.2	0.04	8.57	1554.7	0.08
meta-Cymen-8-ol	6.94	1181.8	0.01	11.51*	1795.6	[0.10]
para-Cymen-8-ol	7.02	1186.8	0.04	11.51*	1795.6	[0.10]
α-Terpineol	7.06	1189.5	0.02	9.77*	1650.4	[1.24]
Myrtenol	7.14	1194.9	0.03	10.85	1739.7	0.13
Verbenone	7.28	1203.8	0.05	9.60*	1637.0	[1.40]
trans-Carveol	7.52	1219.9	0.02	11.39	1786.0	0.02
Carvacrol methyl ether	7.90	1246.0	0.05	8.60	1557.1	0.05
Carvenone	7.98	1251.2	0.01	9.89*	1659.8	[1.25]
Bornyl acetate	8.50	1286.8	0.01	8.22*	1527.5	[0.48]
Brasila-1,10-diene	8.80*	1304.2	[0.07]	6.04	1365.7	0.02
Carvacrol	8.80*	1304.2	[0.07]	15.36*	2156.4	[0.38]
α-Terpinyol acetate	9.41	1347.1	0.02	9.70	1644.5	0.04
African-1-ene	9.45	1350.3	0.04	6.87	1426.0	0.02
2-epi-α-Funebrene	9.80*	1375.3	[0.10]	7.22*	1452.5	[0.08]
β-Patchoulene	9.80*	1375.3	[0.10]	6.95	1432.4	0.01
α-Duprezianene	9.88	1380.5	0.50	7.45	1469.3	0.30
Isolongifolene	9.97	1386.8	0.04	7.39	1465.0	0.07

7-epi-Sesquithujene	9.99	1388.4	0.04	7.86	1500.1	0.05
β -Elemene	10.04	1392.0	0.17	8.39*	1540.8	[0.24]
α -Chamipinene	10.10	1396.2	0.10	8.03*	1513.4	[12.79]
Unknown JUOX II [m/z 107, 91 (86), 93 (83), 79 (81), 162 (74), 41 (73), 133 (72)... 204 (13)]	10.12	1397.6	0.10	8.18	1524.4	0.08
α -Cedrene	10.28	1409.4	12.91	8.03*	1513.4	[12.79]
β -Caryophyllene	10.36*	1415.5	[3.45]	8.44	1544.9	0.07
β -Cedrene	10.36*	1415.5	[3.45]	8.34	1537.5	3.11
β -Duprezianene	10.36*	1415.5	[3.45]	8.22*	1527.5	[0.48]
<i>cis</i> -Thujopsene	10.57	1431.0	31.15	8.74*	1567.9	[31.78]
Isobazzanene	10.60	1433.4	0.15	8.52	1551.3	0.18
<i>trans</i> - α - Bergamotene	10.64	1436.6	0.11	8.39*	1540.8	[0.24]
β -Barbatene	10.68*	1439.8	[0.16]	9.04	1591.4	0.15
Prezizaene	10.68*	1439.8	[0.16]	8.74*	1567.9	[31.78]
7,8-Dehydro- α - acoradiene?	10.74*	1444.1	[0.96]	9.55	1632.2	0.43
α -Himachalene	10.74*	1444.1	[0.96]	8.91	1581.3	0.58
α -Humulene	10.79*	1448.0	[0.06]	9.23	1606.5	0.03
Cadina-4,11-diene	10.79*	1448.0	[0.06]	9.11	1597.1	0.35
Thujopsadiene?	10.87	1453.4	0.23	10.20*	1685.2	[0.57]
α -Acoradiene	10.91	1456.4	0.32	9.33*	1614.8	[1.23]
9-epi- β - Caryophyllene	10.97*	1460.9	[0.91]	9.33*	1614.8	[1.23]
β -Acoradiene	10.97*	1460.9	[0.91]	9.40*	1620.5	[0.42]
Thujopsene isomer	11.01	1463.9	0.39	9.40*	1620.5	[0.42]
β -Chamigrene	11.05*	1467.2	[0.51]	9.60*	1637.0	[1.40]
Unknown JUVI III [m/z 118, 69 (82), 91 (51), 117 (40)... 202 (25)]	11.05*	1467.2	[0.51]	8.80	1572.4	0.20
Unknown JUVI IV [m/z 91, 105 (93), 161 (77), 93 (73), 119 (71), 133 (69)... 204 (31)]	11.11*	1471.9	[1.50]			
γ -Himachalene	11.11*	1471.9	[1.50]	9.60*	1637.0	[1.40]
Widdra-2,4(14)- diene?	11.13	1473.4	0.32	9.77*	1650.4	[1.24]
Germacrene D	11.18	1476.5	0.17	9.77*	1650.4	[1.24]
Unknown AMBA V	11.24*†	1481.6	[0.14]	9.85	1656.8	0.07

[m/z 189, 91 (95), 105 (93), 133 (84), 119 (75), 41 (59), 93 (46)... 204 (33)]						
ar-Curcumene	11.24*†	1481.6	[0.14]	10.64	1722.3	0.17
Valencene	11.34	1488.6	0.06	9.89*	1659.8	[1.25]
Pseudowiddrene	11.40*†	1493.4	[1.35]	9.89*	1659.8	[1.25]
β-Himachalene	11.40*†	1493.4	[1.35]	9.77*	1650.4	[1.24]
α-Chamigrene	11.40*†	1493.4	[1.35]	10.03*	1671.7	[2.81]
α-Cuprenene	11.46*†	1498.1	[3.14]	10.03*	1671.7	[2.81]
Cuparene	11.51*†	1501.4	[1.74]	11.03*	1755.2	[1.77]
1,2- Dihydrocuparene	11.54	1503.7	0.48	10.29*	1692.4	[0.33]
α-Alaskene	11.58*	1506.9	[0.31]	9.92	1662.6	0.11
Unknown JUVI V [m/z 121, 123 (45), 91 (24), 107 (24), 122 (24), 95 (23)... 204 (11)]	11.58*	1506.9	[0.31]	10.29*	1692.4	[0.33]
γ-Cadinene	11.62	1509.8	0.32	10.37	1699.1	0.07
β-Curcumene	11.65	1512.4	0.24	10.20*	1685.2	[0.57]
δ-Cadinene	11.76*	1520.9	[0.15]	10.40	1701.5	0.02
γ-Dehydro-ar- himachalene	11.76*	1520.9	[0.15]	11.88	1828.3	0.08
β- Sesquiphellandrene	11.78	1523.0	0.17	10.59*	1717.9	[0.30]
γ-Cuprenene	11.85*	1528.2	[0.34]	10.59*	1717.9	[0.30]
Unknown JUVI VI [m/z 91, 107 (97), 105 (93), 41 (92), 109 (78), 43 (78), 121 (76), 135 (75)... 220 (21)]	11.85*	1528.2	[0.34]			
(E)-γ-Bisabolene	11.85*	1528.2	[0.34]	10.44	1704.9	0.01
α-Cadinene	11.90*	1531.8	[0.16]	10.76	1732.0	0.04
ar-Himachalene	11.90*	1531.8	[0.16]	11.56	1800.3	0.06
δ-Cuprenene epimer I	11.90*	1531.8	[0.16]	10.87	1741.7	0.07
Unknown JUVI VII [m/z 43, 95 (81), 207 (61), 41 (55), 55 (50)... 222 (3)]	11.96*	1537.3	[0.45]	13.82	2005.3	0.15
δ-Cuprenene epimer II	11.96*	1537.3	[0.45]	11.03*	1755.2	[1.77]
Unknown JUVI VIII	12.15	1551.7	0.05	13.40	1966.6	0.03

[m/z 91, 119 (98), 121 (91), 105 (85), 43 (82), 41 (76)... 205 (37), 220 (16)]						
Unknown JUVI IX [m/z 95, 191 (52), 107 (50), 121 (32), 81 (31)...]	12.30*	1563.5	[0.10]	14.11	2033.9	0.20
Caryophyllenyl alcohol	12.30*	1563.5	[0.10]	13.70	1993.6	0.04
Unknown JUAS I [m/z 95, 131 (96), 202 (64), 187 (61), 159 (55), 105 (50)...202 (64)]	12.34	1567.2	0.14			
allo-Cedrol	12.53	1582.1	0.32	14.08	2030.4	0.23
Widdrol	12.75*	1599.2	[24.16]	14.59	2079.5	2.32
α -Cedrol	12.75*	1599.2	[24.16]	14.25	2047.0	24.02
β -Himachalene oxide	12.79	1602.6	0.05	13.11	1939.6	0.01
1,10-diepi-Cubenol	12.84*	1606.7	[0.25]	13.74	1998.0	0.01
epi-Cedrol	12.84*	1606.7	[0.25]	14.75*	2095.5	[0.78]
Unknown JUVI XI [m/z 107, 41 (86), 123 (85), 82 (79), 95 (77), 93 (76), 91 (73), 69 (71)... 220 (13)]	12.94	1614.9	0.03	14.62	2083.1	0.03
2-epi- α -Cedren-3- one	13.01	1620.3	0.09			
α -Acorenol	13.07	1625.4	1.12	14.43	2064.3	1.25
Unknown JUVI XII [m/z 132, 175 (22), 119 (18), 91 (18), 157 (18)... 219 (10)]	13.12*	1629.6	[0.72]	15.58	2178.0	0.03
β -Acorenol	13.12*	1629.6	[0.72]	14.75*	2095.5	[0.78]
Unknown JUVI X [m/z 105, 93 (78), 95 (75), 131 (72), 119 (71), 132 (70), 91 (67), 120 (49)... 202 (39), 220 (9)]	13.15*	1632.3	[0.23]	15.83	2203.5	0.05
Unknown JUVI XIII [m/z 132, 91 (24), 119 (22), 105 (21), 133 (17), 117 (16)...]	13.15*	1632.3	[0.23]			

219 (3)]						
τ-Cadinol	13.20	1636.0	0.03	14.87	2107.2	0.02
Himachalol	13.26*	1641.2	[0.94]	15.14	2133.9	0.30
Unknown JUVI XV [m/z 123, 81 (77), 95 (77), 107 (72), 41 (72), 93 (66), 55 (64)... 220? (13)]	13.26*	1641.2	[0.94]			
Unknown JUVI XIV [m/z 41, 91 (96), 79 (88), 69 (82), 123 (80), 93 (80)... 220 (8)]	13.29	1644.1	0.18	17.33	2363.2	0.31
Unknown JUVI XVI [m/z 43, 81 (84), 41 (64), 67 (62), 95 (58), 79 (58)... 204 (48), 220 (2)]	13.35	1649.1	0.09	15.45	2165.7	0.06
Unknown UNKN CLIII [m/z 135, 177 (86), 109 (78), 220 (68), 121 (66), 69 (60)...]	13.43*	1655.1	[0.46]	14.36	2057.2	0.11
Cedrenol analog	13.43*	1655.1	[0.46]	16.42	2265.3	0.07
14-Hydroxy-9-epi- (E)-caryophyllene	13.48	1659.4	0.19	16.37	2260.6	0.26
1,7-diepi-α- Cedrenal?	13.59*	1668.4	[0.28]	15.05	2125.7	0.01
Khusiol	13.59*	1668.4	[0.28]	16.00	2221.5	0.03
β-Bisabolol	13.59*	1668.4	[0.28]	14.72	2091.9	0.08
Cedr-8-en-13-ol	13.68*	1676.1	[0.30]	16.89	2315.7	0.12
Junicedranol?	13.68*	1676.1	[0.30]			
α-Bisabolol	13.76*	1682.9	[0.42]	15.36*	2156.4	[0.38]
α-Cedrenol	13.76*	1682.9	[0.42]	17.01	2327.9	0.20
Unknown JUVI XVII [m/z 91, 105 (87), 123 (74), 135 (70), 107 (60), 79 (59)... 220 (13)]	13.88	1693.2	0.26			
Mayurone?	13.92	1696.2	0.46			
Thujopsenal	13.97	1699.9	0.59			
Unknown JUOX XI [m/z 179, 91 (78), 161 (76), 105 (69), 81 (50)... 222 (14)]	14.14	1714.4	0.03	16.81	2307.1	0.25

Thujopsenal analog	14.34	1732.1	0.15			
Unknown JUVI XIX [m/z 105, 91 (83), 79 (78), 135 (67), 107 (56), 67 (53)... 220 (9)]	14.44	1740.5	0.12			
Cuparenal	14.47	1743.2	0.11			
Unknown JUVI XX [m/z 105, 69 (79), 111 (66), 119 (60), 91 (50), 55 (41)... 203 (11), 220 (1)]	14.51	1746.9	0.05			
Unknown CEDE XXII [m/z 91, 105 (74), 93 (67), 79 (59), 133 (54), 41 (47), 107 (46)...]	14.65	1759.4	0.07	18.33	2473.9	0.05
Unknown JUVI XXI [m/z 121, 136 (47), 119 (27), 91 (27), 105 (22), 41 (21)... 220 (4)]	14.84	1775.3	0.08			
β-Acoradienol?	14.87	1778.5	0.05	18.06	2443.8	0.03
Unknown JUVI XXII [m/z 189, 91 (48), 133 (40), 105 (40), 41 (34), 187 (34)... 220 (5)]	14.97*	1787.2	[0.17]	18.49	2492.1	0.12
Unknown JUVI XXIII [m/z 148, 141 (99), 91 (74), 105 (52), 41 (42), 121 (42), 133 (37)... 218 (32)]	14.97*	1787.2	[0.17]	19.72	2636.3	0.02
Unknown JUVI XXIV [m/z 121, 136 (53), 91 (22), 93 (19), 79 (15), 105 (13)... 220 (3)]	15.03	1792.0	0.12	18.55	2498.6	0.05
Isopimara-9(11),15- diene	16.18	1895.9	0.01	14.66	2086.7	0.03
Total reported		97.13%			95.78%	

*: 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