



Agarwood

Aquillaria crassna

Batch No. ID-58944
Indonesia

Aldehydes	6.75%
decanal	0.03
2-methyldecanal	0.02
H-Agarofuranal ((1S,2S,6S,9R)-6,10,10-trimethyl-11-oxatricyclo[7.2.1.0(1,6)]dodecane-2-carbaldehyde)	3.43
Vetispira-2(11),6-dien-14-al	3.02
Baimuxinal	0.03
Vetispira-2(11),6-dien-14-al analog	0.22

Ethers	11.75%
humulene epoxide I	0.07
β agarofuran	6.26
2,14-Epoxyvetispir-6-ene	0.88
6,10,10-Trimethyl-11-	0.03
4-epi-cis-Dihydroagarofuran	0.39
2,14-Epoxyvetispir-6(14),7-diene	2.75
2,14-Epoxyvetispir-6-ene	0.88
humulene epoxide II	0.49

Ketones	5.86%
eremophilone	0.41
patchoulenone	1.13
dehydrofukinone	4.07
hydroxeremophilone	0.25

Monoterprenols	0.04%
cis-linalool oxide	0.04

Phenols	6.59%
benzylacetone	4.48
benzaldehyde	0.44
1,5-Diphenyl-1-penten-3-one	0.42
unknown	0.39
dibenzylacetone	0.34
creosol	0.14
4-phenylbutan-2-ol	0.1
acetophenone	0.09
salicylaldehyde	0.06
styrene	0.04
2-hydroxyacetophenone	0.03
benzylideneacetone	0.03
para-vinylanisole	0.02
toluene	0.01

Other	11.01%
unknown	7.98
palmitic acid	1.41
linoleic acid	0.79
anisylacetone	0.25
pelargonic acid	0.20
Flindersiachromone	0.12
nonanol	0.09
6-Methoxy-2-phenethyl-4H-chromen-4-one	0.05
octanol	0.04
furfural	0.03
Diisooctyl phthalate	0.03
Hexanol	0.01
5-methylfurfural	0.01

Sesquiterpenes	3.99%
unknown	1.07
α selinene	0.63

α muuronlene	0.28
selinane	0.28
α humulene	0.27
δ guaiene	0.26
allo-aromadendr-9-ene	0.18
Spirovetiva-1(10),7(11)-diene	0.18
Selina-3,7(11)-diene	0.18
selina-4,11-diene	0.15
4,5-diepi-Aristolochene	0.12
α -Calacorene	0.10
β selinene	0.08
ar-curcumene	0.08
Selina-4(15),7(11)-diene	0.06
α guaiene	0.04
α copaene	0.03

Sesquiterpenols	40.84%
unknown	23.97
Valenca-1(10),8-dien-11-ol	3.92
γ eudesmol	2.91
agarospirol?	1.89
10-epi-K-Eudesmol	1.56
jinkoh-eremol	1.42
Eremoligenol	1.08
valerenol	1.01
α eudesmol	0.92
hinesol	0.66
β eudesmol	0.58
Dehydrojinkoh-eremol	0.51
5,7-diepi-D-Eudesmol	0.18
(E)-Nerolidol	0.16
carissone	0.07

Raw Material: Agarwood

Botanical Name: *Aquillaria crassna*

Production Method: hydro-distillation, wood

Date of Analysis: 6/24/2019

Date : June 24, 2019

CERTIFICATE OF ANALYSIS – GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 19F21-NGA02-1-SCC

Customer identification : Agarwood Crassna - ID-58944

Type : Essential oil

Source : *Aquillaria crassna*

Customer : Nature's Gift Aromatherapy

ANALYSIS

Method: PC-PA-014 - Analysis of the composition of an essential oil, or other volatile liquid, by FAST GC-FID (in French); identifications validated by GC-MS.

Analyst : Alexis St-Gelais, M. Sc., chimiste

Analysis date : June 22, 2019

Checked and approved by :

Alexis St-Gelais, M. Sc., 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.

PYHSICOCHEMICAL DATA

Physical aspect: Dark brown viscous liquid

Refractive index: 0.0000 ± 0.0003 (20 °C)

CONCLUSION

The sample features the expected composition for agarwood oil, and no adulterant or diluent has been detected using this method. Traces of phthalate were found in this batch, which, in our experience, is common and hardly avoidable in agarwood due to the wood infection process and long distillation time.

ANALYSIS SUMMARY – CONSOLIDATED CONTENTS

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

Identification	%	Classe
Isovaleral	0.01	Aliphatic aldehyde
2-Methylbutyral	tr	Aliphatic aldehyde
Toluene	0.01	Simple phenolic
Furfural	0.03	Aliphatic alcohol
Hexanol	0.01	Aliphatic alcohol
Styrene	0.04	Simple phenolic
Benzaldehyde	0.44	Simple phenolic
5-Methylfurfural	0.01	Furan
Heptanol	0.03	Aliphatic alcohol
Salicylaldehyde	0.06	Simple phenolic
Acetophenone	0.09	Simple phenolic
cis-Linalool oxide (fur.)	0.04	Monoterpenic alcohol
Octanol	0.04	Aliphatic alcohol
Nonanal	0.02	Aliphatic aldehyde
para-Vinylanisole	0.02	Simple phenolic
2'-Hydroxyacetophenone	0.03	Simple phenolic
Nonanol	0.09	Aliphatic alcohol
Creosol	0.14	Simple phenolic
Decanal	0.03	Aliphatic aldehyde
Benzylacetone	4.48	Simple phenolic
4-Phenylbutan-2-ol	0.10	Simple phenolic
2-Methyldecanal	0.02	Aliphatic aldehyde
Pelargonic acid	0.20	Aliphatic acid
Benzylideneacetone	0.03	Simple phenolic
α-Copaene	0.03	Sesquiterpene
Unknown	0.39	Simple phenolic
15-nor-Agarofuran ((1R,6S,9R)-6,10,10-Trimethyl-11-oxatricyclo[7.2.1.0(1,6)]dodecane)	0.03	Norsesquiterpenic ether
Unknown	0.25	Sesquiterpene
α-Guaiene	0.04	Sesquiterpene
α-Humulene	0.27	Sesquiterpene
Unknown	0.11	Sesquiterpene
β-Agarofuran	6.26	Sesquiterpenic ether
Selina-4,11-diene	0.15	Sesquiterpene
Selinane	0.28	Sesquiterpene
Anisylacetone	0.25	Phenylbutanoid
β-Selinene	0.08	Sesquiterpene
α-Curcumene	0.08	Sesquiterpene
allo-Aromadendr-9-ene	0.18	Sesquiterpene
α-Selinene	0.63	Sesquiterpene
4-epi-cis-Dihydroagarofuran	0.39	Sesquiterpenic ether
α-Murolene	0.28	Sesquiterpene
δ-Guaiene	0.26	Sesquiterpene
Spirovetiva-1(10),7(11)-diene	0.18	Sesquiterpene
Kessane	0.29	Sesquiterpenic ether
Unknown	0.44	Oxygenated sesquiterpene
α-Calacorene	0.10	Sesquiterpene

Selina-4(15),7(11)-diene	0.06	Sesquiterpene
Unknown	0.08	Sesquiterpene
Selina-3,7(11)-diene	0.18	Sesquiterpene
2,14-Epoxyvetispira-6(14),7-diene	2.75	Sesquiterpenic ether
Unknown	0.20	Oxygenated sesquiterpene
(E)-Nerolidol	0.16	Sesquiterpenic alcohol
Unknown	1.13	Oxygenated sesquiterpene
Unknown	0.99	Sesquiterpene
Unknown	0.99	Oxygenated sesquiterpene
2,14-Epoxyvetispir-6-ene	0.88	Sesquiterpenic ether
Humulene epoxide I	0.07	Sesquiterpenic ether
Unknown	0.72	Oxygenated sesquiterpene
Humulene epoxide II	0.49	Sesquiterpenic ether
5,7-diepi- α -Eudesmol	0.18	Sesquiterpenic alcohol
Unknown	1.76	Oxygenated sesquiterpene
10-epi- γ -Eudesmol	1.56	Sesquiterpenic alcohol
Unknown	0.64	Oxygenated sesquiterpene
γ -Eudesmol	2.91	Sesquiterpenic alcohol
Unknown	0.85	Oxygenated sesquiterpene
Eremoligenol	1.08	Sesquiterpenic alcohol
Unknown	1.29	Oxygenated sesquiterpene
Hinesol	0.66	Sesquiterpenic alcohol
Agarospirol?	1.89	Sesquiterpenic alcohol
Jinkoh-eremol	1.42	Sesquiterpenic alcohol
Unknown	0.57	Oxygenated sesquiterpene
Unknown	0.75	Oxygenated sesquiterpene
Unknown	2.80	Oxygenated sesquiterpene
β -Eudesmol	0.58	Sesquiterpenic alcohol
Unknown	0.51	Oxygenated sesquiterpene
α -Eudesmol	0.92	Sesquiterpenic alcohol
Unknown	0.89	Oxygenated sesquiterpene
Valerianol	1.01	Sesquiterpenic alcohol
Valenza-1(10),8-dien-11-ol	3.92	Sesquiterpenic alcohol
Unknown	3.19	Unknown
Dehydrojinkoh-eremol	0.51	Sesquiterpenic alcohol
β -Agarofuranal ((1S,2S,6S,9R)-6,10,10-trimethyl-11-oxatricyclo[7.2.1.0(1,6)]dodecane-2-carbaldehyde)	3.43	Sesquiterpenic aldehyde
Unknown	2.30	Oxygenated sesquiterpene
Unknown	1.43	Oxygenated sesquiterpene
Unknown	0.52	Oxygenated sesquiterpene
Unknown	0.26	Oxygenated sesquiterpene
Unknown	0.44	Oxygenated sesquiterpene
Unknown	0.69	Oxygenated sesquiterpene
Unknown	0.54	Oxygenated sesquiterpene
Vetispira-2(11),6-dien-14-al	3.02	Sesquiterpenic aldehyde
Eremophilone	0.41	Sesquiterpenic ketone
Patchoulenone	1.13	Sesquiterpenic ketone
Unknown	0.64	Oxygenated sesquiterpene
Unknown	1.16	Oxygenated sesquiterpene
Unknown	0.32	Oxygenated sesquiterpene
Unknown	0.28	Oxygenated sesquiterpene

Unknown	0.38	Oxygenated sesquiterpene
Unknown	0.50	Oxygenated sesquiterpene
Dehydrofukinone	4.07	Sesquiterpenic ketone
Unknown	0.74	Unknown
Baimuxinal	0.03	Sesquiterpenic aldehyde
Hydroxyeremophilone	0.25	Sesquiterpenic ketone
Unknown	0.86	Unknown
Unknown	0.29	Oxygenated sesquiterpene
Unknown	0.09	Oxygenated sesquiterpene
Carisstone	0.07	Sesquiterpenic alcohol
Unknown	1.88	Sesquiterpenic lactone
Palmitic acid	1.41	Aliphatic acid
Dibenzylacetone	0.34	Simple phenolic
Linoleic acid	0.79	Aliphatic acid
1,5-Diphenyl-1-penten-3-one	0.42	Simple phenolic
Flindersiachromone	0.12	Chromone
Diisooctyl phthalate	0.03	Synthetic
6-Methoxy-2-phenethyl-4H-chromen-4-one	0.05	Chromone
4,5-diepi-Aristolochene	0.12	Sesquiterpene
Unknown	0.19	Sesquiterpene
Unknown	0.20	Oxygenated sesquiterpene
Vetispira-2(11),6-dien-14-al analog	0.22	Sesquiterpenic aldehyde
Unknown	0.45	Oxygenated sesquiterpene
Unknown	0.38	Oxygenated sesquiterpene
Consolidated total	86.00%	

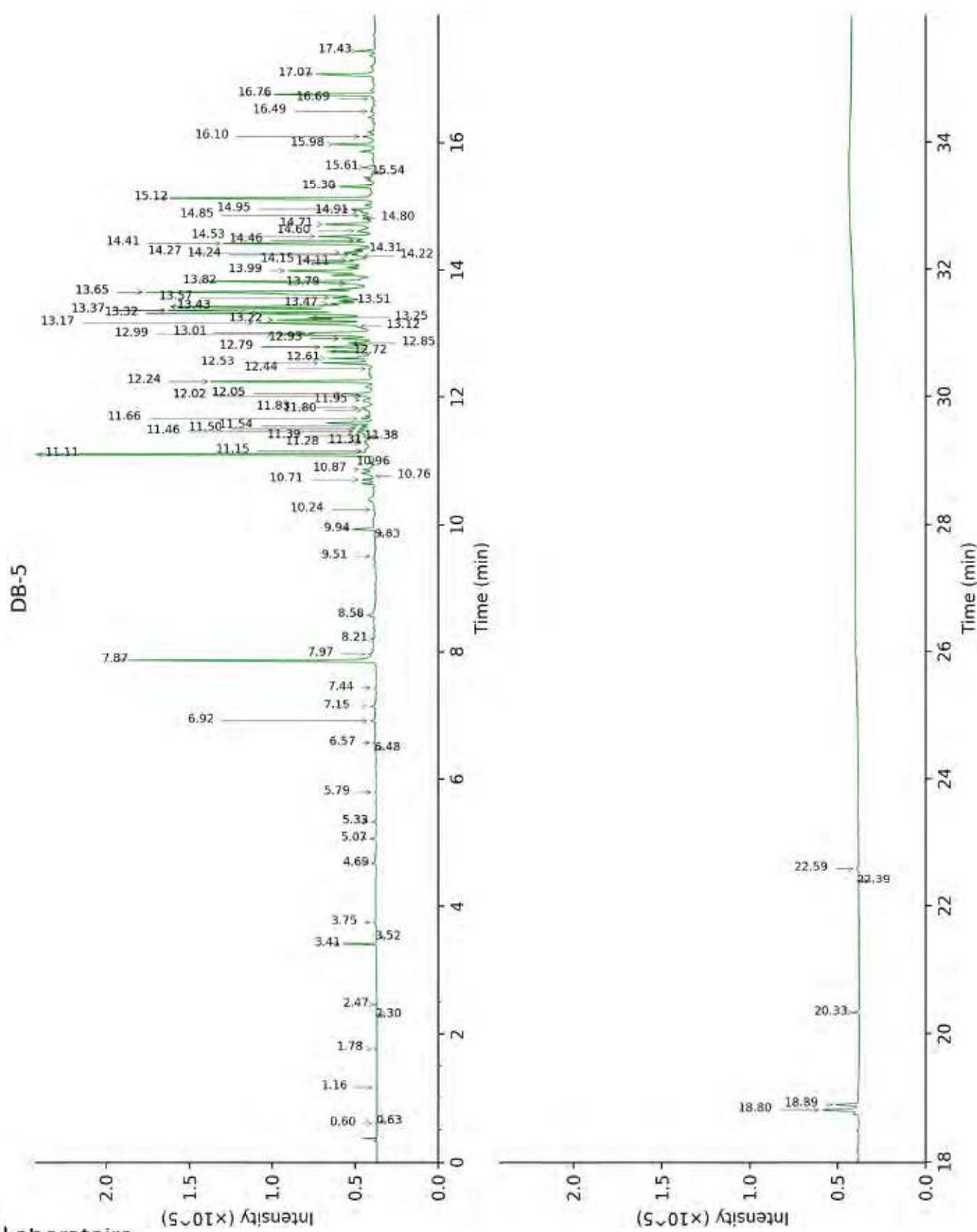
tr: The compound has been detected below 0.005% of total signal.

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.

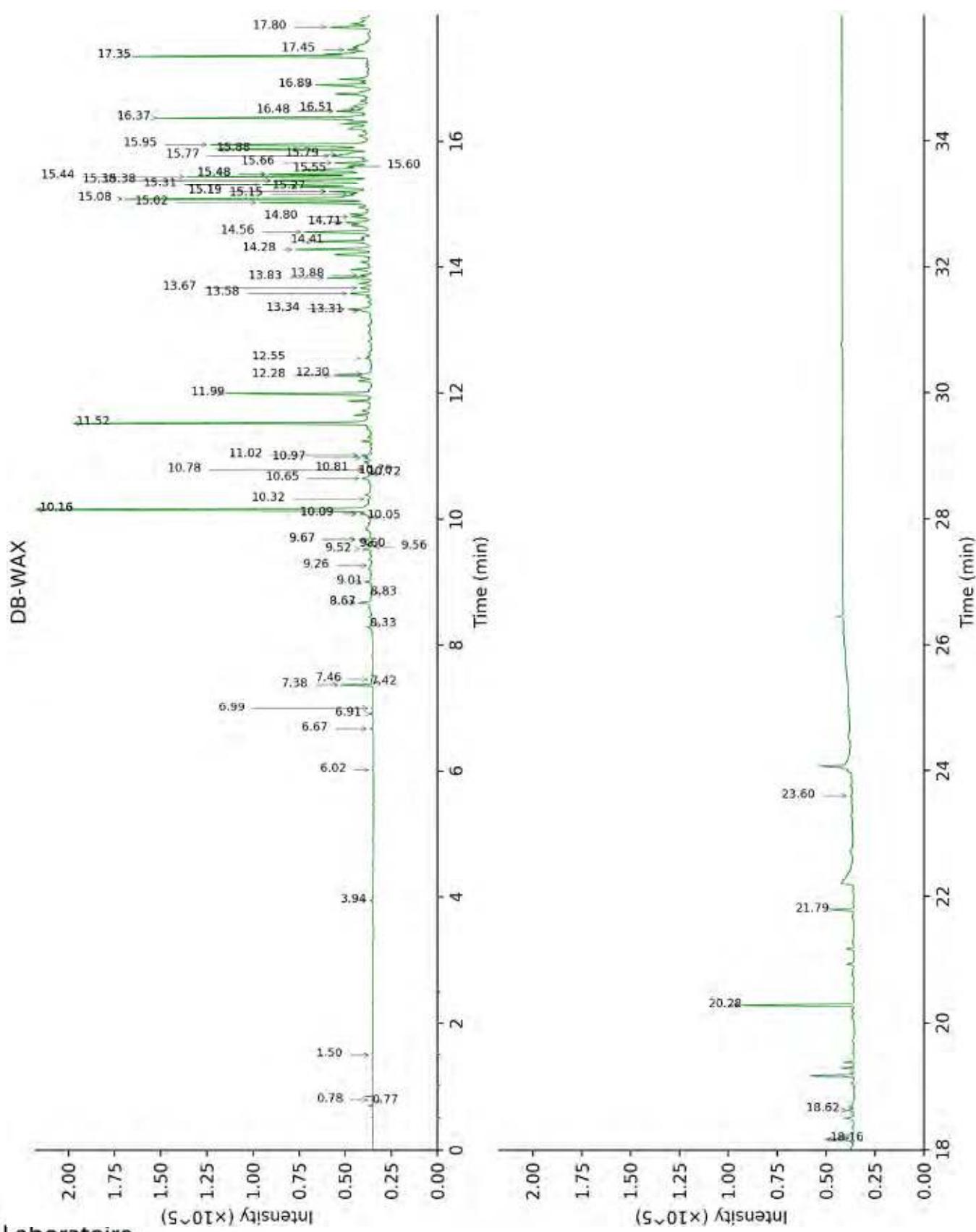
Unknowns: Unknown compounds' mass spectral data is presented in the "Full analysis data" table. The occurrence of unknown compounds is to be expected in many samples, and does not denote particular problems unless noted otherwise in the conclusion.

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FULL ANALYSIS DATA

Identification	Column DB-5			Column DB-WAX		
	R.T	R.I	%	R.T	R.I	%
Isovaleral	0.60	638	0.01	0.78	885	0.01
2-Methylbutyral	0.63	649	tr	0.77	879	tr
Toluene	1.16	759	0.01	1.50	999	0.01
Furfural	1.78	828	0.03	6.91	1417	0.04
Hexanol	2.30	871	0.01			
Styrene	2.47	884	0.04	3.94	1209	0.04
Benzaldehyde	3.41	950	0.44	7.38	1452	0.48
5-Methylfurfural	3.52	956	0.01			
Heptanol	3.75	972	0.03	6.99	1423	0.03
Salicylaldehyde	4.69	1032	0.06	9.26	1597	0.05
Acetophenone	5.07	1056	0.09	9.00	1577	0.13
cis-Linalool oxide (fur.)	5.34*	1072	0.07	6.67	1399	0.04
Octanol	5.34*	1072	[0.07]	8.33	1525	0.04
Nonanal	5.80	1101	0.02	6.02	1352	0.02
para-Vinylanisole	6.48	1145	0.02	9.56	1621	0.03
2'-Hydroxyacetophenone	6.57	1151	0.03			
Nonanol	6.92	1174	0.09	9.60*	1624	0.11
Creosol	7.15	1188	0.14	12.56	1876	0.13
Decanal	7.44	1208	0.03	7.46	1458	0.03
Benzylacetone	7.87	1237	4.48	11.52	1785	5.14
4-Phenylbutan-2-ol	7.97	1244	0.10			
2-Methyldecanal	8.21	1260	0.02			
Pelargonic acid	8.58	1286	0.20			
Benzylideneacetone	9.50	1345	0.03			
α-Copaene	9.83	1368	0.03	7.42	1455	0.04
Unknown [m/z 107, 122 (56), 164 (34), 79 (29), 91 (16), 93 (14), 77 (11), 108 (9)]	9.94	1376	0.39			
15-nor-Agarofuran ((1R,6S,9R)-6,10,10-Trimethyl-11-oxatricyclo[7.2.1.0(1,6)]dodecane)	10.24	1397	0.03	8.83	1563	0.02
Unknown [m/z 122, 107 (58), 93 (39), 79 (35), 178 (35), 108 (35), 121 (30)... 204 (t)]	10.71	1431	0.25			
α-Guaiene	10.76	1436	0.04	8.67*	1551	0.21
α-Humulene	10.87	1443	0.27	9.52	1618	0.20
Unknown [m/z 95, 69 (87), 79 (63), 94 (51), 164 (49)...]	10.96	1450	0.11			
β-Agarofuran	11.10	1461	6.26	10.16*	1670	7.29
Selina-4,11-diene	11.16	1464	0.15	9.60*	1624	[0.11]
Selinane	11.28	1474	0.28	8.67*	1551	[0.21]
Anisylacetone	11.31	1476	0.25			
β-Selinene	11.38*	1481	0.14	10.05	1661	0.08
α-Curcumene	11.38*	1481	[0.14]	10.78	1722	0.08
allo-Aromadendr-9-ene	11.39	1482	0.18	9.67*	1631	0.30
α-Selinene	11.46	1487	0.63	10.16*	1670	[7.29]
4-epi-cis-Dihydroagarofuran	11.50	1490	0.39	10.09*	1665	0.31
α-Muurolene	11.54	1493	0.28	10.16*	1670	[7.29]

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δ-Guaiene	11.66	1502	0.26	10.09*	1665	[0.31]
Spirovetiva-1(10),7(11)-diene	11.80	1513	0.18	10.32	1683	0.16
Kessane	11.83	1515	0.29	10.65	1711	0.37
Unknown [m/z 147, 59 (61), 91 (40), 135 (35), 190 (31)... 218? (t)]	11.95	1524	0.44	13.34*	1948	0.51
α-Calacorene	12.02*	1530	0.16	12.30	1853	0.10
Selina-4(15),7(11)-diene	12.02*	1530	[0.16]	10.72	1717	0.06
Unknown [m/z 189, 204 (92), 161 (65), 133 (51), 105 (51), 91 (51), 119 (45)]	12.05*	1532	0.85	10.76	1720	0.08
Selina-3,7(11)-diene	12.05*	1532	[0.85]	10.81	1724	0.18
2,14-Epoxyvetispira-6(14),7-diene	12.24*	1548	3.02	11.99	1826	2.75
Unknown [m/z 207, 149 (63), 55 (56), 41 (55), 43 (52), 98 (45), 189 (42), 164 (37), 69 (37)... 222 (23)]	12.24*	1548	[3.02]	13.31	1945	0.20
(E)-Nerolidol	12.44	1563	0.16	13.88	1997	0.19
Unknown [m/z 93, 107 (55), 91 (37), 41 (34), 55 (34)... 220 (1)]	12.53	1570	1.13	14.56	2062	1.39
Unknown [m/z 202, 187 (63), 145 (43), 159 (34), 131 (29), 91 (22), 117 (20)]	12.61	1576	0.99			
Unknown [m/z 111, 126 (82), 109 (60), 162 (54), 81 (54), 55 (53), 121 (52)... 220 (12)]	12.72	1585	0.99	14.41	2048	1.19
2,14-Epoxyvetispir-6-ene	12.80*	1590	1.10	12.28	1851	0.88
Humulene epoxide I	12.80*	1590	[1.10]	13.34*	1948	[0.51]
Unknown [m/z 216, 131 (97), 145 (81), 91 (55), 160 (44), 159 (39)]	12.85	1595	0.72	13.83	1993	0.80
Humulene epoxide II	12.93*	1601	0.67	13.58	1970	0.49
5,7-diepi- α -Eudesmol	12.93*	1601	[0.67]	14.70*	2077	0.62
Unknown [m/z 107, 122 (42), 67 (27), 79 (22), 93 (20)... 218 (3)]	12.99†	1606	3.32			
10-epi- γ -Eudesmol	13.01†	1608	[3.32]	14.28	2036	1.56
Unknown [m/z 119, 59 (89), 121 (89), 161 (81), 189 (74), 105 (72), 91 (67), 120 (62), 133 (60)...]	13.12	1616	0.64	15.48*	2154	1.74
γ -Eudesmol	13.17	1621	2.91	15.02	2108	2.19
Unknown [m/z 132, 175 (22), 119 (18), 91 (18), 157 (18)... 219 (10)]	13.22*	1625	1.93	15.77	2182	0.85
Eremoligenol	13.22*	1625	[1.93]	15.19*	2125	0.85
Unknown [m/z 105, 161 (51), 91 (36), 59 (30), 147 (29), 189 (24), 204 (23)... 218 (t)]	13.25	1628	1.29	15.27	2132	1.49
Hinesol	13.32*	1633	2.56	15.19*	2125	[0.85]
Agarospirol?	13.32*	1633	[2.56]	15.31	2136	1.89
Jinkoh-eremol	13.37*	1637	5.28	15.38*	2144	2.31
Unknown [m/z 137, 152 (59), 108 (52), 91 (43), 109 (43), 107 (39), 105 (38)... 220 (16)]	13.37*	1637	[5.28]	15.79	2185	0.57
Unknown [m/z 147, 162 (79), 43 (64), 59 (64), 95 (47), 91 (44), 105 (43)... 238 (13)]	13.37*	1637	[5.28]	15.66	2172	0.75

Unknown [m/z 107, 105 (85), 81 (78), 91 (62), 123 (58)... 220 (10)]	13.42*	1642	4.86	15.88	2193	2.80
β-Eudesmol	13.42*	1642	[4.86]	15.60	2166	0.58
Unknown [m/z 161, 59 (67), 95 (45), 93 (40), 105 (40), 149 (39), 81 (39), 43 (38), 204 (37)... 220 (5)]	13.42*	1642	[4.86]	14.80	2086	0.51
α-Eudesmol	13.47	1645	0.92	15.55	2160	1.59
Unknown [m/z 71, 43 (83), 109 (64), 95 (61), 82 (58), 179 (57)... 222 (17)]	13.51	1649	0.89	15.38*	2144	[2.31]
Valerenol	13.57	1653	1.01	15.48*	2154	[1.74]
Valenza-1(10),8-dien-11-ol	13.66*	1660	6.97	16.37	2244	3.92
Unknown [m/z 109, 43 (79), 125 (59), 41 (24), 93 (23)...]	13.66*	1660	[6.97]	15.44	2150	3.19
Dehydrojinkoh-eremol	13.79	1671	0.51	16.48	2255	0.73
β-Agarofuranal ((1S,2S,6S,9R)-6,10,10-trimethyl-11-oxatricyclo[7.2.1.0(1,6)]dodecane-2-carbaldehyde)	13.82	1674	3.43	15.08	2113	4.77
Unknown [m/z 107, 91 (43), 202 (38), 93 (32), 105 (32), 187 (31)... 220 (5)]	13.99	1688	2.30	16.89	2298	1.12
Unknown [m/z 43, 107 (68), 91 (66), 67 (65), 93 (65), 82 (63), 105 (59)... 220 (12)]	14.11	1698	1.43			
Unknown [m/z 107, 163 (87), 91 (78), 105 (77), 93 (76)... 222 (21)]	14.15	1701	0.52			
Unknown [m/z 123, 136 (49), 43 (38), 107 (37), 119 (36), 109 (33), 91 (33)... 222 (10)]	14.22	1707	0.26			
Unknown [m/z 93, 81 (90), 95 (86), 91 (83), 41 (83), 107 (81)... 220 (29), 238? (4)]	14.24	1709	0.44	17.45	2358	0.51
Unknown [m/z 163, 107 (93), 91 (70), 81 (68), 93 (67)... 222 (28), 238? (4)]	14.27	1712	0.69			
Unknown [m/z 173, 105 (29), 91 (24), 107 (24), 93 (23), 95 (22), 41 (21)... 220 (6)...]	14.31	1715	0.54			
Vetispira-2(11),6-dien-14-al	14.41	1724	3.02	15.95	2200	3.84
Eremophilone	14.46	1728	0.41	16.51	2258	0.24
Patchoulenone	14.52	1734	1.13			
Unknown [m/z 121, 93 (74), 91 (66), 107 (65), 81 (62), 105 (59)... 222 (41)]	14.60	1740	0.64			
Unknown [m/z 187, 159 (90), 202 (89), 91 (57), 145 (48)... 218 (7)]	14.71	1750	1.16	17.80	2396	0.90
Unknown [m/z 91, 105 (74), 93 (67), 79 (59), 133 (54), 41 (47), 107 (46)...]	14.80	1758	0.32	18.62	2486	0.15
Unknown [m/z 91, 93 (99), 189	14.85	1762	0.28			

(92), 107 (91), 79 (87), 105 (85), 81 (82), 95 (78)...					
Unknown [m/z 163, 107 (87), 81 (79), 95 (70), 93 (67), 91 (66)... 222 (29)]	14.91	1767	0.38		
Unknown [m/z 109, 107 (67), 108 (66), 91 (65), 93 (61), 234 (61)]	14.95	1770	0.50		
Dehydrofukinone	15.12	1785	4.07	17.35	2347 4.30
Unknown [m/z 216, 201 (31), 159 (24), 105 (21), 91 (20), 145 (20)]	15.30	1801	0.74	18.16	2435 0.48
Baimuxinal	15.54	1822	0.03		
Hydroxyeremophilone	15.61	1829	0.25		
Unknown [m/z 123, 205 (29), 107 (26), 95 (25), 43 (25), 110 (25), 122 (24)...]	15.98	1862	0.86		
Unknown [m/z 107, 122 (97), 234 (50), 95 (48), 91 (44)]	16.10	1872	0.29		
Unknown [m/z 178, 59 (57), 91 (47), 149 (43), 163 (38), 135 (37)... 245? (5)]	16.49	1908	0.09		
Carissone	16.69	1927	0.07		
Unknown [m/z 122, 107 (93), 234 (45), 95 (38), 93 (37)]	16.76	1934	1.88	20.28	2679 1.92
Palmitic acid	17.07	1963	1.41		
Dibenzylacetone	17.43	1997	0.34	21.79	2865 0.35
Linoleic acid	18.80	2134	0.79		
1,5-Diphenyl-1-penten-3-one	18.89	2142	0.42		
Flindersiachromone	20.33	2295	0.12		
Diisooctyl phthalate	22.39	2530	0.03	23.60	3103 0.04
6-Methoxy-2-phenethyl-4H-chromen-4-one	22.60	2555	0.05		
4,5-diepi-Aristolochene			9.67*	1631	[0.30]
Unknown [m/z 91, 105 (93), 202 (89), 145 (81), 131 (71), 119 (68), 93 (66), 79 (57)]			10.98	1738	0.19
Unknown [m/z 95, 109 (90), 43 (68), 82 (65), 79 (38), 67 (35)...]			11.02	1742	0.20
Vetispira-2(11),6-dien-14-al analog			13.67	1978	0.22
Unknown [m/z 147, 105 (68), 59 (68), 162 (56), 143 (55), 91 (54)... 218 (45)]			14.70*	2077	[0.62]
Unknown [m/z 161, 59 (67), 119 (61), 107 (40), 147 (37), 93 (37)... 236? (3)]			15.16	2121	0.38
Total identified		64.10%		52.32%	
Total reported		88.59%		71.99%	

*: Two or more compounds are coeluting on this column

[xx]: Duplicate percentage due to coelutions, not taken into account in the consolidated total

t: 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

Essential oil, *Aquillaria crassna*
Internal code: 19F21-NGA02-1-SCC

Agarwood Crassna - ID-58944

Report prepared for
Nature's Gift Aromatherapy

R.T.: Retention time (minutes)
R.I.: Retention index