Date : February 26, 2022

Certificate of Analysis – GC Profiling

Sample identification

Internal code : 22B21-PTH06
Customer identification : Davana - India - D80105215R
Type : Essential oil
Source : *Artemisia pallens*
Customer : Plant Therapy

Analysis

Method: PC-MAT-014 ISO - Analysis of the composition of an essential oil or other volatile liquid by FAST GC-FID (in French); identifications validated by GC-MS.
Analyst : Sylvain Mercier, M. Sc., Chimiste 2014-005
Analysis date : February 25, 2022

Checked and approved by :

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

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Méthode certifiée ISO 17025:2017 Certified method

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PHYSICOCHEMICAL DATA

Physical aspect: Bright yellow liquid
Refractive index: 1.4873 ± 0.0003 (20 °C; method PC-MAT-016)

CONCLUSION

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

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Analysis summary – Consolidated contents

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

Identification	%	Class
Unknown	0.01	Unknown
Ethyl 2-methylbutyrate	0.09	Aliphatic ester
Ethyl isovalerate	0.07	Aliphatic ester
Propyl isobutyrate	tr	Aliphatic ester
(*cis*?)-5-Ethyl-2-methyl-2-vinyltetrahydrofuran	tr	Furan
(*cis*?)-2,5-Divinyl-2-methyltetrahydrofuran	tr	Furan
(*trans*?)-5-Ethyl-2-methyl-2-vinyltetrahydrofuran	0.07	Furan
(*trans*?)-2,5-Divinyl-2-methyltetrahydrofuran	0.06	Furan
α-Pinene	0.01	Monoterpene
Unknown	0.45	Furan
Propyl 2-methylbutyrate	0.19	Aliphatic ester
5,5-Dimethyl-2(5H)-furanone	0.13	Aliphatic lactone
Propyl isovalerate	0.16	Aliphatic ester
Benzaldehyde	0.05	Simple phenolic
Unknown	0.02	Furan
β-Pinene	0.01	Monoterpene
Sabinene	0.02	Monoterpene
6-Methyl-5-hepten-2-one	0.02	Aliphatic ketone
Myrcene	0.02	Monoterpene
2-Pentylfuran	0.02	Furan
Unknown	0.02	Furan
Unknown	0.16	Furan
Octanal	0.02	Aliphatic aldehyde
cis-Dehydroxylinalool oxide	0.01	Monoterpenic ether
Isobutyl 2-methylbutyrate	0.02	Aliphatic ester
Isobutyl isovalerate	0.02	Aliphatic ester
α-Terpinene	0.03	Monoterpene
Unknown	0.29	Furan
2-Methylbutyl isobutyrate	0.03	Aliphatic ester
para-Cymene	0.14	Monoterpene
Limonene	0.03	Monoterpene
1,8-Cineole	0.01	Monoterpenic ether
Benzeneacetaldehyde	0.05	Simple phenolic
Lavender lactone	0.06	Aliphatic lactone
(*Z*)-β-Ocimene	0.02	Monoterpene
cis-Arbusculone	0.08	Furan
γ-Terpinene	0.06	Monoterpene
Prenyl isobutyrate	tr	Aliphatic ester
cis-Arbusculol	0.02	Furan
cis-Sabinene hydrate	0.22	Monoterpenic alcohol
trans-Arbusculone	0.06	Furan
trans-Arbusculol	0.02	Furan
Terpinolene	0.03	Monoterpene
trans-Sabinene hydrate	0.06	Monoterpenic alcohol
Linalool	0.49	Monoterpenic alcohol

Nonanal	0.02	Aliphatic aldehyde
2-Methylbutyl 2-methylbutyrate	0.18	Aliphatic ester
Hotrienol	0.03	Monoterpenic alcohol
2-Methylbutyl isovalerate	0.10	Aliphatic ester
3-Methyl-3-butenyl 2-methylbutyrate	0.02	Aliphatic ester
cis-para-Menth-2-en-1-ol	0.03	Monoterpenic alcohol
3-Methyl-3-butenyl isovalerate	0.01	Aliphatic ester
trans-para-Menth-2-en-1-ol	0.02	Monoterpenic alcohol
Prenyl 2-methylbutyrate	0.03	Aliphatic ester
Prenyl isovalerate	0.03	Aliphatic ester
Nerol oxide	0.01	Aliphatic ether
Terpinen-4-ol	0.20	Monoterpenic alcohol
para-Cymen-8-ol	0.02	Monoterpenic alcohol
α-Terpineol	0.02	Monoterpenic alcohol
cis-Piperitol	0.04	Monoterpenic alcohol
Ethyl octanoate	0.01	Aliphatic ester
trans-Piperitol	0.09	Monoterpenic alcohol
cis-nor-Davanone?	0.03	Furan
nor-Davanone	0.20	Furan
(3*Z*)-Hexenyl 2-methylbutyrate	0.02	Aliphatic ester
(3*Z*)-Hexenyl isovalerate	0.05	Aliphatic ester
Neral	0.04	Monoterpenic aldehyde
Geraniol	0.02	Monoterpenic alcohol
Geranial	0.06	Monoterpenic aldehyde
Methyl hydrocinnamate	0.01	Phenylpropanoid ester
Cogeijerene	0.02	Terpene derivative
Methyl (*Z*)-cinnamate	0.11	Phenylpropanoid ester
Bicycloelemene analog	0.01	Sesquiterpene
Bicycloelemene	0.14	Sesquiterpene
Ethyl hydrocinnamate	0.11	Phenylpropanoid ester
Eugenol	0.07	Phenylpropanoid
Isoledene	0.03	Sesquiterpene
α-Copaene	0.06	Sesquiterpene
Modhephene	0.01	Sesquiterpene
Ethyl (*Z*)-cinnamate	0.65	Phenylpropanoid ester
Methyl (*E*)-cinnamate	0.66	Phenylpropanoid ester
cis-β-Elemene	0.02	Sesquiterpene
Geranyl acetate	0.75	Monoterpenic ester
β-Cubebene	0.03	Sesquiterpene
β-Elemene	0.32	Sesquiterpene
Benzyl isovalerate	0.06	Phenolic ester
trans-erythro-Davanafuran?	0.05	Furan
cis-erythro-Davanafuran?	0.05	Furan
α-Gurjunene	0.09	Sesquiterpene
trans-threo-Davanafuran?	0.02	Furan
β-Maaliene	0.01	Sesquiterpene
β-Caryophyllene	0.15	Sesquiterpene
cis-threo-Davanafuran	0.32	Furan
β-Copaene	0.03	Sesquiterpene
α-Maaliene	0.06	Sesquiterpene
Aromadendrene	0.16	Sesquiterpene
Selina-5,11-diene	0.03	Sesquiterpene

α-Humulene	0.12	Sesquiterpene
allo-Aromadendrene	0.46	Sesquiterpene
Unknown	0.16	Unknown
Ethyl (*E*)-cinnamate	3.70	Phenylpropanoid ester
Selina-4,11-diene	0.08	Sesquiterpene
Germacrene D	0.76	Sesquiterpene
γ-Muurolene	0.06	Sesquiterpene
β-Selinene	1.46	Sesquiterpene
α-Selinene	0.10	Sesquiterpene
Bicyclogermacrene	6.58	Sesquiterpene
Viridiflorene	0.32	Sesquiterpene
Davana ether isomer I	1.61	Sesquiterpenic ether
α-Muurolene	0.12	Sesquiterpene
γ-Cadinene	0.40	Sesquiterpene
Davana ether isomer III	1.20	Sesquiterpenic ether
Davana ether isomer II	4.01	Sesquiterpenic ether
Artedouglasia oxide C	0.42	Sesquiterpenic ketone
δ-Cadinene	0.03	Sesquiterpene
Laciniata furanone G?	0.08	Sesquiterpenic ketone
Laciniata furanone F?	0.32	Sesquiterpenic ketone
Artedouglasia oxide A	0.34	Sesquiterpenic ketone
Davana ether isomer IV	1.89	Sesquiterpenic ether
α-Calacorene	0.02	Sesquiterpene
Laciniata furanone *E*?	0.09	Sesquiterpenic ketone
Laciniata furanone H	0.10	Sesquiterpenic ketone
Davanone A	0.49	Sesquiterpenic ketone
Artedouglasia oxide D	0.15	Sesquiterpenic ketone
Davanone B	1.28	Sesquiterpenic ketone
Geranyl butyrate	0.21	Monoterpenic ester
(*E*)-Nerolidol	0.37	Sesquiterpenic alcohol
Davanone C	0.29	Sesquiterpenic ketone
Spathulenol	1.22	Sesquiterpenic alcohol
Artedouglasia oxide B	0.47	Sesquiterpenic ketone
Globulol	0.12	Sesquiterpenic alcohol
Viridiflorol	0.30	Sesquiterpenic alcohol
Cubeban-11-ol	0.10	Sesquiterpenic alcohol
Davanone D	46.69	Sesquiterpenic ketone
Eudesm-5-en-11-ol analog	0.07	Sesquiterpenic alcohol
Eudesm-5-en-11-ol	0.58	Sesquiterpenic alcohol
Unknown	0.02	Oxygenated sesquiterpene
Unknown	0.13	Oxygenated sesquiterpene
Davanol D isomer I	0.60	Sesquiterpenic alcohol
Unknown	0.07	Unknown
Isospathulenol	0.34	Sesquiterpenic alcohol
τ-Cadinol	1.26	Sesquiterpenic alcohol
Methyl *cis*-jasmonate	0.31	Jasmonate
β-Eudesmol	0.63	Sesquiterpenic alcohol
Unknown	0.57	Unknown
5-Hydroxy-6-methyl-2-(5-methyl-5-vinyltetrahydrofuran-2-yl)hepta-4,6-dien-3-one, isomer II	0.37	Sesquiterpenic alcohol
Unknown	0.30	Oxygenated sesquiterpene

Unknown	0.34	Oxygenated sesquiterpene
Unknown	1.06	Oxygenated sesquiterpene
Davanyl acetate	0.08	Sesquiterpenic ester
Davanonol isomer	0.07	Sesquiterpenic alcohol
Unknown	0.32	Oxygenated sesquiterpene
β-Davanon-2-ol	0.55	Sesquiterpenic alcohol
Phytone	0.11	Terpenic ketone
Nonadecane	0.05	Alkane
Heneicosane	0.08	Alkane
Phytol	0.10	Diterpenic alcohol
Consolidated total	**92.78%**	

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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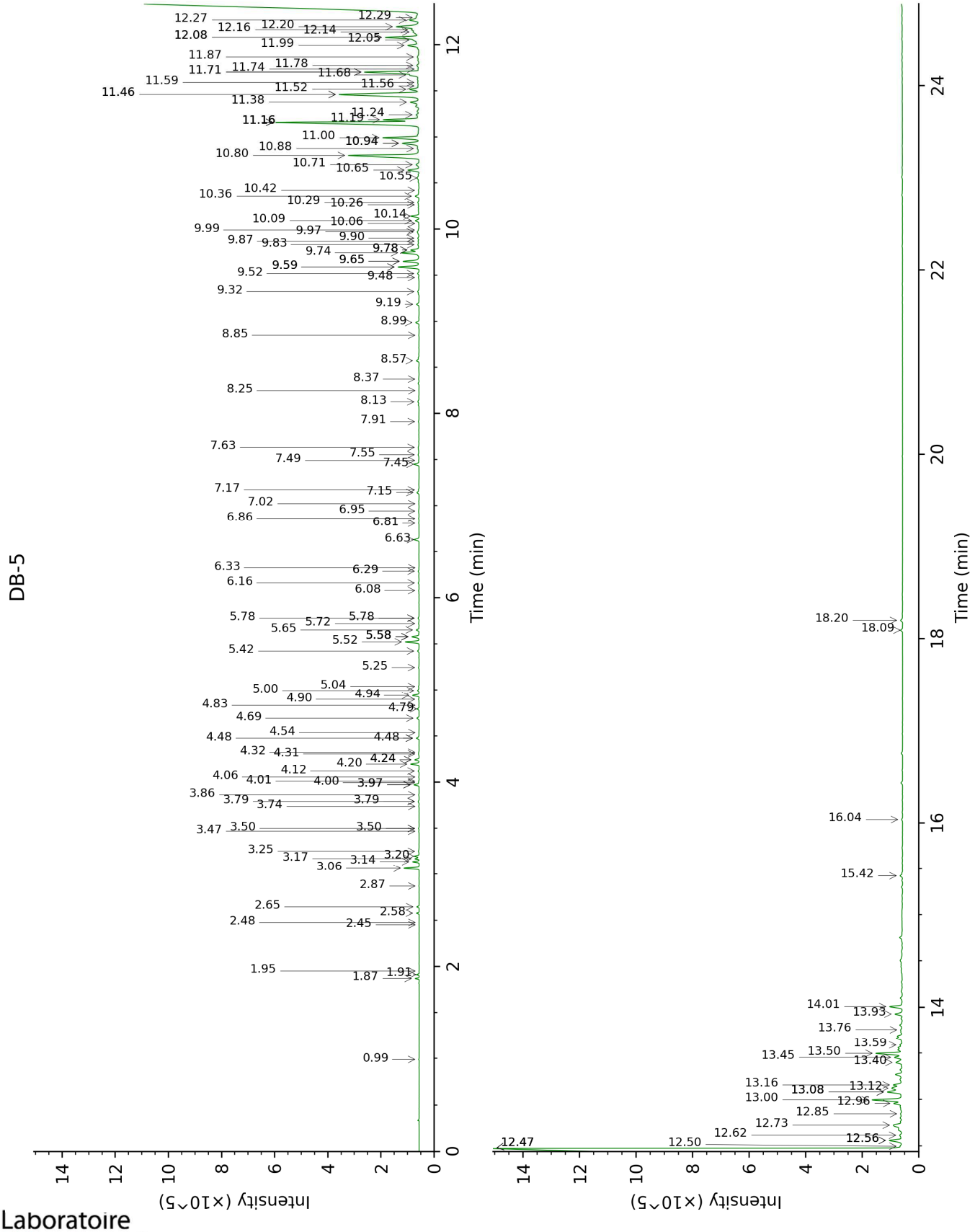
DB-5
Time (min)
Intensity (×10^5)
12.27
12.16
12.20
12.14
12.29
12.08
12.05
11.99
11.87
11.71
11.74
11.78
11.68
11.59
11.46
11.52
11.56
11.38
11.24
11.16
11.19
11.00
10.94
10.88
10.80
10.71
10.65
10.55
10.36
10.42
10.29
10.26
10.14
10.09
10.06
9.99
9.97
9.90
9.87
9.83
9.74
9.78
9.65
9.59
9.52
9.48
9.32
9.19
8.99
8.85
8.57
8.37
8.25
8.13
7.91
7.63
7.55
7.49
7.45
7.17
7.15
7.02
6.95
6.86
6.81
6.63
6.33
6.29
6.16
6.08
5.78
5.72
5.78
5.65
5.58
5.52
5.42
5.25
5.00
5.04
4.94
4.90
4.83
4.79
4.69
4.54
4.48
4.48
4.32
4.31
4.20
4.24
4.12
4.06
4.01
4.00
3.97
3.86
3.79
3.74
3.79
3.47
3.50
3.50
3.25
3.17
3.14
3.20
3.06
2.87
2.65
2.58
2.48
2.45
1.95
1.87
1.91
0.99
18.20
18.09
16.04
15.42
14.01
13.93
13.76
13.59
13.45
13.50
13.40
13.16
13.08
13.12
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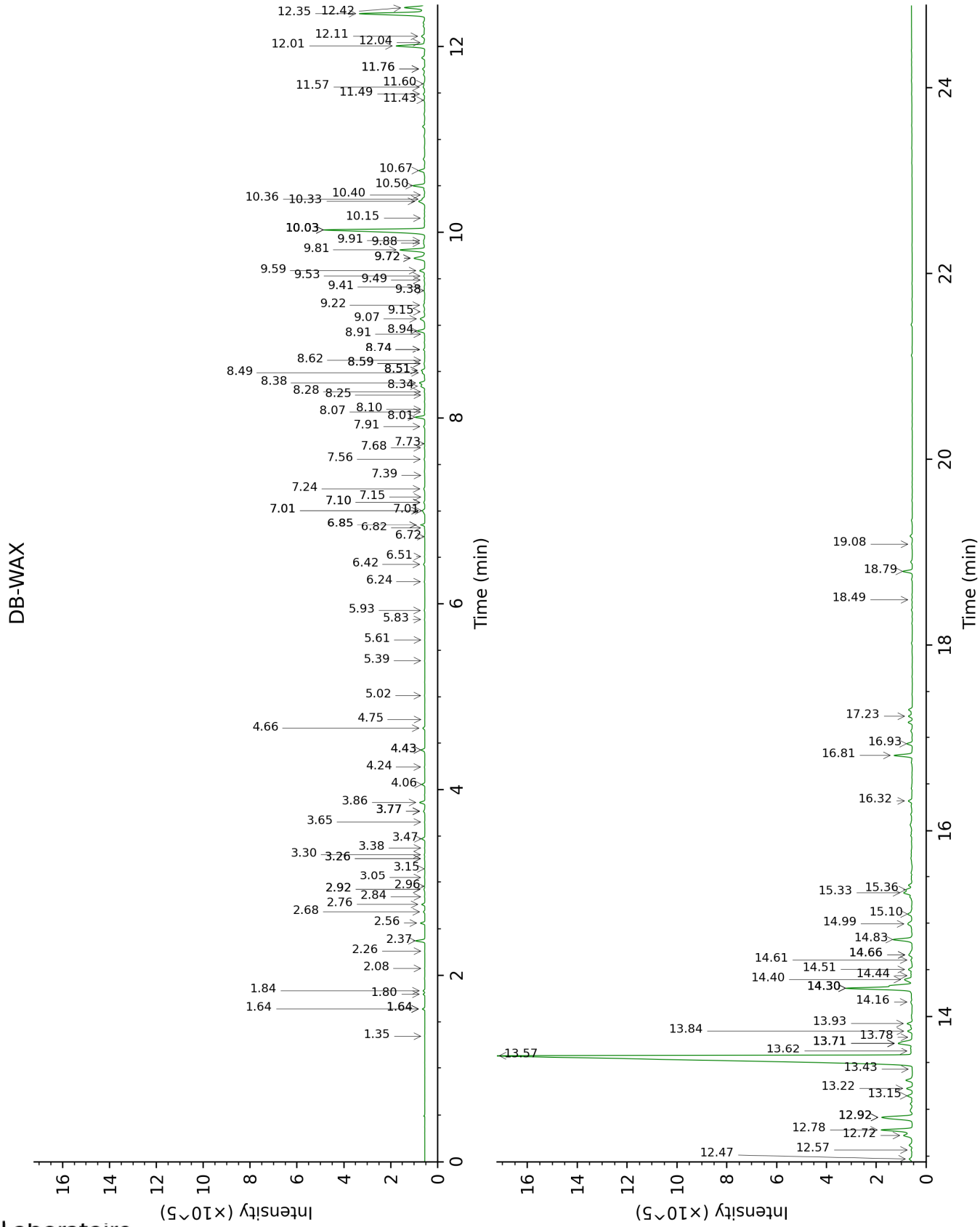
12.85
12.73
12.62
12.56
12.50
12.47


DB-WAX
Time (min)
Intensity (×10^5)
12.35
12.42
12.11
12.01
12.04
11.76
11.57
11.60
11.49
11.43
10.67
10.50
10.36
10.33
10.40
10.15
10.03
9.91
9.88
9.81
9.72
9.59
9.53
9.49
9.41
9.38
9.22
9.15
9.07
8.91
8.94
8.74
8.62
8.59
8.51
8.49
8.38
8.28
8.25
8.34
8.07
8.10
8.01
7.91
7.68
7.73
7.56
7.39
7.24
7.10
7.15
7.01
7.01
6.85
6.82
6.72
6.51
6.42
6.24
5.93
5.83
5.61
5.39
5.02
4.75
4.66
4.43
4.24
4.06
3.86
3.77
3.65
3.47
3.38
3.30
3.26
3.15
3.05
2.92
2.96
2.84
2.76
2.68
2.56
2.37
2.26
2.08
1.84
1.80
1.64
1.64
1.35
19.08
18.79
18.49
17.23
16.93
16.81
16.32
15.33
15.36
15.10
14.99
14.83
14.61
14.66
14.51
14.44
14.40
14.30
14.16
13.93
13.84
13.78
13.71
13.62
13.57
13.43
13.22
13.15
12.92
12.78
12.72
12.57
12.47

FULL ANALYSIS DATA

Identification	Column DB-5			Column DB-WAX		
	R.T	R.I	%	R.T	R.I	%
Unknown [m/z 85, 41 (62), 43 (47), 60 (22)... 95 (t)]	0.99	748	0.01	2.96	1143	0.02
Ethyl 2-methylbutyrate	1.87	849	0.09	1.64*	1024	0.10
Ethyl isovalerate	1.91	853	0.07	1.80	1039	0.07
Propyl isobutyrate	1.95	856	tr	1.64*	1024	[0.10]
(*cis*?)-5-Ethyl-2-methyl-2-vinyltetrahydrofuran	2.45	900	tr	1.64*	1024	[0.10]
(*cis*?)-2,5-Divinyl-2-methyltetrahydrofuran	2.48	902	tr			
(*trans*?)-5-Ethyl-2-methyl-2-vinyltetrahydrofuran	2.58	909	0.07	1.84	1043	0.07
(*trans*?)-2,5-Divinyl-2-methyltetrahydrofuran	2.65	914	0.06	2.68	1121	0.07
α-Pinene	2.87	929	0.01	1.35	991	0.01
Unknown [m/z 111, 43 (87), 82 (72), 55 (70), 67 (63), 83 (56), 41 (44)... 125 (17), 140 (5)]	3.06	942	0.45	2.37	1096	0.44
Propyl 2-methylbutyrate	3.14	947	0.19	2.56	1112	0.19
5,5-Dimethyl-2(5H)-furanone	3.17	949	0.13	8.49†	1554	0.33
Propyl isovalerate	3.20	951	0.16	2.76	1127	0.14
Benzaldehyde	3.25	955	0.05	7.24	1459	0.08
Unknown [m/z 43, 55 (65), 111 (64), 82 (57), 67 (54), 41 (53), 125 (49)... 140 (8)]	3.47	970	0.02	2.92*	1140	0.06
β-Pinene	3.50*	972	0.02	2.08	1066	0.01
Sabinene	3.50*	972	[0.02]	2.26	1085	0.02
6-Methyl-5-hepten-2-one	3.74	988	0.02	5.02	1299	0.02
Myrcene	3.79*	992	0.04	2.84	1134	0.02
2-Pentylfuran	3.79*	992	[0.04]	3.65	1198	0.02
Unknown [m/z 43, 71 (48), 41 (46), 55 (39), 69 (38), 70 (38), 82 (35)... 140 (23)]	3.86	996	0.02	3.38	1176	0.02
Unknown [m/z 43, 111 (99), 55 (82), 125 (75), 82 (73), 67 (68), 83 (62)... 140 (5)]	3.97*	1004	0.18	3.47	1183	0.16
Octanal	3.97*	1004	[0.18]	4.43*	1255	0.20
cis-Dehydroxylinalool oxide	4.00	1005	0.01	3.77*	1207	0.09

Isobutyl 2-methylbutyrate	4.01	1006	0.02	3.05	1150	0.03
Isobutyl isovalerate	4.06	1009	0.02	3.26*	1167	0.03
α-Terpinene	4.12	1013	0.03	2.92*	1140	[0.06]
Unknown [m/z 111, 43 (92), 55 (75), 82 (70), 67 (65), 83 (58), 41 (48), 81 (41)... 125 (15), 140 (4)]	4.20	1018	0.29	3.86	1214	0.27
2-Methylbutyl isobutyrate	4.24*	1021	0.15	3.30	1170	0.03
para-Cymene	4.24*	1021	[0.15]	4.06	1228	0.14
Limonene	4.31	1025	0.03	3.15	1158	0.02
1,8-Cineole	4.32	1026	0.01	3.26*	1167	[0.03]
Benzeneacetaldehyde	4.48*	1036	0.11	8.74*	1574	0.07
Lavender lactone	4.48*	1036	[0.11]	9.15	1605	0.06
(*Z*)-β-Ocimene	4.54	1039	0.02	3.77*	1207	[0.09]
cis-Arbusculone	4.69	1049	0.08	6.42	1399	0.07
γ-Terpinene	4.79	1056	0.06	3.77*	1207	[0.09]
Prenyl isobutyrate	4.83	1058	tr	4.75	1280	0.01
cis-Arbusculol	4.90	1062	0.02			
cis-Sabinene hydrate	4.94	1065	0.22	6.85*	1430	0.23
trans-Arbusculone	5.00	1069	0.06	7.01*	1442	0.19
trans-Arbusculol	5.04	1071	0.02	7.15	1453	0.01
Terpinolene	5.25	1084	0.03	4.24	1242	0.02
trans-Sabinene hydrate	5.42	1096	0.06	7.91	1509	0.07
Linalool	5.52	1102	0.49	8.01	1517	0.47
Nonanal	5.58*	1106	0.28	5.83	1356	0.02
2-Methylbutyl 2-methylbutyrate	5.58*	1106	[0.28]	4.43*	1255	[0.20]
Hotrienol	5.58*	1106	[0.28]	8.74*	1574	[0.07]
2-Methylbutyl isovalerate	5.65	1110	0.10	4.66	1273	0.10
3-Methyl-3-butenyl 2-methylbutyrate	5.72	1115	0.02	5.39	1324	0.02
cis-para-Menth-2-en-1-ol	5.78*	1118	0.04	8.07	1521	0.03
3-Methyl-3-butenyl isovalerate	5.78*	1118	[0.04]	5.61	1340	0.01
trans-para-Menth-2-en-1-ol	6.08	1138	0.02	8.91	1586	0.02
Prenyl 2-methylbutyrate	6.16	1143	0.03	5.93	1363	0.03
Prenyl isovalerate	6.29	1151	0.03	6.24	1385	0.03
Nerol oxide	6.32	1153	0.01	6.82	1427	0.02
Terpinen-4-ol	6.63	1173	0.20	8.51*†	1556	[0.33]
para-Cymen-8-ol	6.81	1184	0.02	11.49	1800	0.08
α-Terpineol	6.86	1188	0.02	9.72*	1652	0.81
cis-Piperitol	6.94	1193	0.04	9.49	1633	0.05
Ethyl octanoate	7.02	1198	0.01	6.51	1405	0.02
trans-Piperitol	7.15	1206	0.09	10.36	1703	0.12
cis-nor-Davanone?	7.17	1208	0.03	8.58*	1561	0.06

nor-Davanone	7.45	1227	0.20	9.07	1599	0.34
(3*Z*)-Hexenyl 2-methylbutyrate	7.49	1230	0.02	7.01*	1442	[0.19]
(3*Z*)-Hexenyl isovalerate	7.55	1234	0.05	7.10*	1448	0.07
Neral	7.63	1239	0.04	9.41	1627	0.04
Geraniol	7.91	1258	0.02	11.57	1807	0.10
Geranial	8.13	1272	0.06	10.03*	1677	6.81
Methyl hydrocinnamate	8.25	1280	0.01	11.42	1794	0.05
Cogeijerene	8.37	1288	0.02	8.10	1523	0.01
Methyl (*Z*)-cinnamate	8.57	1302	0.11	12.47	1888	0.23
Bicycloelemene analog	8.85	1322	0.01	6.72	1420	0.02
Bicycloelemene	8.99	1331	0.14	7.01*	1442	[0.19]
Ethyl hydrocinnamate	9.19	1345	0.11	11.76*	1824	0.13
Eugenol	9.32	1355	0.07	14.66*	2095	0.38
Isoledene	9.48	1366	0.03	6.85*	1430	[0.23]
α-Copaene	9.52	1369	0.06	7.10*	1448	[0.07]
Modhephene	9.59*	1374	0.90	7.39	1470	0.01
Ethyl (*Z*)-cinnamate	9.59*	1374	[0.90]	12.92*	1928	2.34
Methyl (*E*)-cinnamate	9.65*	1378	0.68	13.71*	2002	1.21
cis-β-Elemene	9.65*	1378	[0.68]	8.25	1535	0.02
Geranyl acetate	9.74	1385	0.75	10.50	1716	0.66
β-Cubebene	9.78*	1387	0.35	7.68	1492	0.03
β-Elemene	9.78*	1387	[0.35]	8.38	1545	0.32
Benzyl isovalerate	9.83	1391	0.06	11.76*	1824	[0.13]
trans-erythro-Davanafuran?	9.87	1394	0.05	9.91	1667	0.08
cis-erythro-Davanafuran?	9.90	1396	0.05	10.03*	1677	[6.81]
α-Gurjunene	9.97	1401	0.09	7.56	1483	0.04
trans-threo-Davanafuran?	9.99	1402	0.02	10.15	1687	0.05
β-Maaliene	10.06	1407	0.01	7.73	1495	0.02
β-Caryophyllene	10.09	1410	0.15	8.34	1543	0.26
cis-threo-Davanafuran	10.14	1413	0.32	10.67	1730	0.34
β-Copaene	10.26	1422	0.03	8.28	1538	0.04
α-Maaliene	10.29	1424	0.06	8.58*	1561	[0.06]
Aromadendrene	10.36	1429	0.16	8.51*†	1556	[0.33]
Selina-5,11-diene	10.42	1434	0.03	8.62	1564	0.01
α-Humulene	10.55	1444	0.12	9.22	1611	0.12
allo-Aromadendrene	10.65	1451	0.46	8.94	1589	0.43
Unknown [m/z 153, 43 (78), 111 (62), 96 (58), 95 (50), 67 (44), 109 (42)...]	10.70	1455	0.16	11.60	1810	0.07
Ethyl (*E*)-cinnamate	10.80	1463	3.70	14.30*	2060	5.00
Selina-4,11-diene	10.88	1468	0.08	9.38	1624	0.06
Germacrene D	10.94*	1473	0.82	9.72*	1652	[0.81]
γ-Muurolene	10.94*	1473	[0.82]	9.53	1636	0.06
β-Selinene	11.00	1477	1.46	9.81	1659	1.44

α-Selinene	11.16*†	1490	8.77	9.88	1665	0.10
Bicyclogermacrene	11.16*†	1490	[8.77]	10.03*	1677	[6.81]
Viridiflorene	11.16*†	1490	[8.77]	9.59	1641	0.32
Davana ether isomer I	11.19†	1492	[8.77]	12.01	1846	1.61
α-Muurolene	11.24	1496	0.12	10.03*	1677	[6.81]
γ-Cadinene	11.38	1506	0.40	10.33	1702	0.47
Davana ether isomer III	11.46*	1512	4.97	12.42	1883	1.20
Davana ether isomer II	11.46*	1512	[4.97]	12.35	1877	4.01
Artedouglasia oxide C	11.52	1517	0.42	12.92*	1928	[2.34]
δ-Cadinene	11.56	1520	0.03	10.40	1707	0.03
Laciniata furanone G?	11.59	1523	0.08			
Laciniata furanone F?	11.68	1529	0.32			
Artedouglasia oxide A	11.71*	1532	2.37	13.22	1957	0.34
Davana ether isomer IV	11.71*	1532	[2.37]	12.78	1916	1.89
α-Calacorene	11.74	1534	0.02	12.04	1849	0.04
Laciniata furanone *E*?	11.78	1537	0.09			
Laciniata furanone H	11.87	1544	0.10			
Davanone A	11.99	1554	0.49	12.72	1910	0.66
Artedouglasia oxide D	12.05	1559	0.15	13.71*	2002	[1.21]
Davanone B	12.08*	1561	1.49	12.92*	1928	[2.34]
Geranyl butyrate	12.08*	1561	[1.49]	12.11	1855	0.21
(*E*)-Nerolidol	12.14	1566	0.37	13.71*	2002	[1.21]
Davanone C	12.16	1568	0.29	13.15	1950	0.30
Spathulenol	12.20	1570	1.22	14.30*	2060	[5.00]
Artedouglasia oxide B	12.27	1576	0.47	14.40	2069	0.64
Globulol	12.29	1578	0.12	13.84	2015	0.30
Viridiflorol	12.48*	1592	49.09	13.93	2023	0.30
Cubeban-11-ol	12.48*	1592	[49.09]	13.62	1994	0.10
Davanone D	12.48*	1592	[49.09]	13.57	1989	46.69
Eudesm-5-en-11-ol analog	12.50	1594	0.07	14.16	2046	0.14
Eudesm-5-en-11-ol	12.56*	1599	0.60	14.30*	2060	[5.00]
Unknown [m/z 43, 219 (54), 41 (51), 234 (49)]	12.56*	1599	[0.60]	13.43	1976	0.02
Unknown [m/z 207, 43 (87), 83 (84), 149 (77), 109 (70), 81 (66), 93 (54)... 235 (10)...]	12.62	1603	0.13	14.51	2080	0.26
Davanol D isomer I	12.73	1612	0.60	14.30*	2060	[5.00]
Unknown [m/z 83, 55 (25), 111 (22), 93 (19), 43 (12)...]	12.85	1622	0.07	14.44	2073	0.06
Isospathulenol	12.96	1632	0.34	15.36	2165	0.39
τ-Cadinol	13.00	1635	1.26	14.83	2111	1.23
Methyl *cis*-jasmonate	13.08*	1642	0.74	16.32	2265	0.31
β-Eudesmol	13.08*	1642	[0.74]	15.33	2162	0.63
Unknown [m/z 95, 67 (56), 93 (41), 41 (37), 55 (34), 109 (30), 111 (24)...]	13.12	1645	0.57	15.10	2139	0.42

5-Hydroxy-6-methyl-2-(5-methyl-5-vinyltetrahydrofuran-2-yl)hepta-4,6-dien-3-one, isomer II	13.16	1648	0.37	14.99	2128	0.49
Unknown [m/z 153, 43 (51), 93 (25), 111 (23), 109 (22), 41 (22), 55 (19), 123 (17)... 250 (9)]	13.40	1668	0.30			
Unknown [m/z 163, 43 (65), 41 (20), 55 (20), 93 (18)... 234 (3)...]	13.45	1672	0.34	16.93	2331	0.30
Unknown [m/z 163, 43 (56), 121 (14), 105 (13), 164 (13)... 234 (3)...]	13.50	1676	1.06	16.81	2317	1.04
Davanyl acetate	13.59	1684	0.08	13.78	2009	0.06
Davanonol isomer	13.76	1698	0.07	18.49	2504	0.04
Unknown [m/z 43, 71 (88), 93 (86), 41 (74), 55 (73), 81 (71), 95 (59), 91 (53), 67 (52)... 220 (13)... 236? (t)]	13.93	1712	0.32	17.23	2363	0.23
β-Davanon-2-ol	14.01	1719	0.55	18.79	2540	0.50
Phytone	15.42	1844	0.11	14.61	2090	0.14
Nonadecane	16.04	1900	0.05	12.57	1896	0.09
Heneicosane	18.09	2099	0.08	14.66*	2095	[0.38]
Phytol	18.20	2110	0.10	19.08	2575	0.04
Total identified		**91.19%**			**88.31%**	
Total reported		**94.92%**			**91.62%**	

*: Two or more compounds are coeluting on this column
[xx]: Duplicate percentage due to coelutions, not 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