

Date : 2026-01-14

CERTIFICATE OF ANALYSIS - GC PROFILING

SAMPLE IDENTIFICATION

Internal code : 25J28-PTH02

Customer Identification : Geranium Egyptian ORGANIC - Egypt - GI0113R

Type : Essential Oil

Source : *Pelargonium graveolens* ct. Egyptian

Customer : Plant Therapy

Checked and approved by:

Sylvain Mercier, M. Sc., Chimiste 2014-005

Notes: This report may not be published, including online, without the written consent from Laboratoire PhytoChemia.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. The compliance status of the sample is provided to facilitate the reading of the report. The client remains ultimately responsible for reviewing the results presented within this report and to establish compliance of the tested batch against relevant quality criteria.

This report is an update of the version first issued on 2025-10-30 to make a correction in the sample identification section.

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 : Jean-Christophe Fortin, M. Sc.

Date : 2025-10-30

PHYSICOCHEMICAL DATA

Refractive index : 1.4681 ± 0.0003 (20 °C)

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

Analyst : Cindy Caron B. Sc.

Date : 2025-10-29

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
Isobutyral	tr	Aliphatic aldehyde
2-Methyl-3-buten-2-ol	0.01	Aliphatic alcohol
2-Methylbutyral	0.01	Aliphatic aldehyde
Isoamyl alcohol	0.02	Aliphatic alcohol
Toluene	tr	Simple phenolic
Hexanal	0.01	Aliphatic aldehyde
Dimethyl sulfoxide	0.01	Aliphatic sulfoxide
Unknown	0.02	Unknown
3-Methylpentanol	0.04	Aliphatic alcohol
(3Z)-Hexenol	0.03	Aliphatic alcohol
Hexanol	0.01	Aliphatic alcohol
3-Acetyl-3-methylcyclopentene	0.01	Aliphatic ketone
3-Methylpentyl formate?	0.01	Aliphatic ester
α -Pinene	0.49	Monoterpene
Camphene	0.01	Monoterpene
Benzaldehyde	0.01	Simple phenolic
Geranic oxide	0.06	Monoterpenic ether
β -Pinene	0.02	Monoterpene
Sabinene	0.01	Monoterpene
Octen-3-ol	0.02	Aliphatic alcohol
6-Methyl-5-hepten-2-one	0.07	Aliphatic ketone
<i>trans</i> -Dehydroxylinalool oxide	0.04	Monoterpenic ether
Myrcene	0.14	Monoterpene
6-Methyl-5-hepten-2-ol	0.01	Aliphatic alcohol
α -Phellandrene	0.08	Monoterpene
<i>cis</i> -Dehydroxylinalool oxide	0.01	Monoterpenic ether
Δ^3 -Carene	0.04	Monoterpene
α -Terpinene	0.02	Monoterpene
<i>para</i> -Cymene	0.08	Monoterpene
Unknown	0.03	Unknown
β -Phellandrene	0.06	Monoterpene
1,8-Cineole	0.02	Monoterpenic ether
Unknown	tr	Unknown
Limonene	0.16	Monoterpene
Benzeneacetaldehyde	0.03	Simple phenolic
(Z)- β -Ocimene	0.12	Monoterpene
(E)- β -Ocimene	0.13	Monoterpene
Unknown	0.02	Unknown
2,6-Dimethyl-5-heptenal (melonal)	0.02	Aliphatic aldehyde
γ -Terpinene	0.02	Monoterpene

<i>cis</i> -Sabinene hydrate	0.01	Monoterpenic alcohol
Unknown	0.02	Oxygenated monoterpene
<i>cis</i> -Linalool oxide (fur.)	0.17	Monoterpenic alcohol
Octanol	0.02	Aliphatic alcohol
Fenchone	0.01	Monoterpenic ketone
Terpinolene	0.04	Monoterpene
<i>trans</i> -Linalool oxide (fur.)	0.08	Monoterpenic alcohol
<i>para</i> -Cymenene	0.01	Monoterpene
<i>trans</i> -Sabinene hydrate	0.03	Monoterpenic alcohol
Linalool	4.37	Monoterpenic alcohol
(<i>Z</i>)-6-Methyl-3,5-heptadien-2-one	0.08	Aliphatic ketone
Phenylethyl alcohol	0.09	Simple phenolic
<i>cis</i> -Rose oxide	0.87	Monoterpenic ether
<i>trans</i> -Rose oxide	0.40	Monoterpenic ether
Unknown	0.03	Unknown
Unknown	0.03	Oxygenated normonoterpene
Isopulegol	0.07	Monoterpenic alcohol
Menthone	0.50	Monoterpenic ketone
Unknown	0.04	Unknown
Citronellal	0.08	Monoterpenic aldehyde
iso-Isopulegol	0.10	Monoterpenic alcohol
Isomenthone	5.84	Monoterpenic ketone
neo-Menthol	0.09	Monoterpenic alcohol
Terpinen-4-ol	0.03	Monoterpenic alcohol
Menthol	0.05	Monoterpenic alcohol
Isomenthol	0.13	Monoterpenic alcohol
<i>para</i> -Cymen-8-ol	0.04	Monoterpenic alcohol
α -Terpineol	0.33	Monoterpenic alcohol
Unknown	0.02	Unknown
Unknown	0.02	Oxygenated monoterpene
β -Cyclocitral	0.02	Monoterpenic aldehyde
Nerol	0.22	Monoterpenic alcohol
Citronellol	29.05	Monoterpenic alcohol
Neral	0.60	Monoterpenic aldehyde
Piperitone	0.03	Monoterpenic ketone
Geraniol	15.25	Monoterpenic alcohol
Geranial	0.82	Monoterpenic aldehyde
Citronellyl formate	6.80	Monoterpenic ester
Neryl formate	0.08	Monoterpenic ester
Geranyl formate	3.32	Monoterpenic ester
(3 <i>Z</i>)-Hexenyl tiglate	0.03	Aliphatic ester
Methyl geranate	0.04	Monoterpenic ester
Citronellic acid	0.01	Monoterpenic acid
α -Cubebene	0.24	Sesquiterpene
Phenylethyl propionate	0.13	Phenolic ester

Citronellyl acetate	0.08	Monoterpenic ester
Neryl acetate	0.02	Monoterpenic ester
α -Ylangene	0.04	Sesquiterpene
Geranic acid	0.01	Aliphatic acid
α -Copaene	0.49	Sesquiterpene
β -Bourbonene	1.05	Sesquiterpene
1,5-diepi- β -Bourbonene	0.07	Sesquiterpene
Geranyl acetate	0.58	Monoterpenic ester
β -Elemene	0.07	Sesquiterpene
Phenylethyl isobutyrate	0.07	Phenolic ester
Isocaryophyllene	0.03	Sesquiterpene
α -Gurjunene	0.08	Sesquiterpene
β -Caryophyllene	1.30	Sesquiterpene
β -Copaene	0.14	Sesquiterpene
Heptyl tiglate	0.05	Aliphatic ester
Aromadendrene	0.03	Sesquiterpene
6,9-Guaiadiene	0.35	Sesquiterpene
Unknown	0.31	Sesquiterpene
Citronellyl propionate	0.41	Monoterpenic ester
α -Humulene	0.26	Sesquiterpene
allo-Aromadendrene	0.20	Sesquiterpene
<i>trans</i> -Cadina-1(6),4-diene	0.22	Sesquiterpene
γ -Murolene	0.06	Sesquiterpene
Geranyl propionate	0.74	Monoterpenic ester
Germacrene D	1.88	Sesquiterpene
α -Amorphene	0.09	Sesquiterpene
β -Selinene	0.11	Sesquiterpene
Phenylethyl isovalerate	0.07	Phenolic ester
γ -Amorphene	0.05	Sesquiterpene
α -Selinene	0.13	Sesquiterpene
Bicyclogermacrene	0.44	Sesquiterpene
Viridiflorene	0.17	Sesquiterpene
4-epi- <i>cis</i> -Dihydroagarofuran	0.04	Sesquiterpenic ether
α -Murolene	0.26	Sesquiterpene
γ -Cadinene	0.35	Sesquiterpene
7-epi- α -Selinene	0.14	Sesquiterpene
Geranyl isobutyrate	0.18	Monoterpenic ester
<i>trans</i> -Calamenene	0.02	Sesquiterpene
δ -Cadinene	0.66	Sesquiterpene
Zonarene	0.07	Sesquiterpene
<i>trans</i> -Cadina-1,4-diene	0.11	Sesquiterpene
Citronellyl butyrate	0.54	Monoterpenic ester
Phenylethyl angelate?	0.14	Phenolic ester
α -Agarofuran	0.31	Sesquiterpenic ether
1-nor-Bourbonanone	0.05	Norsesquiterpenic ketone

Geranyl butyrate	1.26	Monoterpenic ester
Spathulenol	0.20	Sesquiterpenic alcohol
Caryophyllene oxide	0.12	Sesquiterpenic ether
Caryophyllene oxide isomer	0.02	Sesquiterpenic ether
Globulol	0.08	Sesquiterpenic alcohol
Phenylethyl tiglate	0.88	Phenolic ester
Viridiflorol	0.06	Sesquiterpenic alcohol
Geranyl 2-methylbutyrate?	0.09	Monoterpenic ester
Geranyl isovalerate	0.11	Monoterpenic ester
10-epi- γ -Eudesmol	5.06	Sesquiterpenic alcohol
1-epi-Cubenol	0.14	Sesquiterpenic alcohol
γ -Eudesmol	0.20	Sesquiterpenic alcohol
Unknown	0.21	Oxygenated sesquiterpene
Citronellyl valerate?	0.07	Monoterpenic ester
Agarospirol?	0.15	Sesquiterpenic alcohol
τ -Cadinol	0.22	Sesquiterpenic alcohol
τ -Muurolool	0.07	Sesquiterpenic alcohol
Cubenol	0.17	Sesquiterpenic alcohol
β -Eudesmol	0.30	Sesquiterpenic alcohol
α -Eudesmol	0.32	Sesquiterpenic alcohol
Valerianol	0.03	Sesquiterpenic alcohol
α -Cadinol	0.09	Sesquiterpenic alcohol
<i>cis</i> -Calamenen-10-ol	0.04	Sesquiterpenic alcohol
Geranyl valerate	0.20	Monoterpenic ester
<i>trans</i> -Calamenen-10-ol	0.01	Sesquiterpenic alcohol
Citronellyl tiglate	0.28	Monoterpenic ester
Citronellyl 4-methylvalerate	0.11	Monoterpenic ester
3 β ,4 β -Oxidoagarofuran?	0.04	Sesquiterpenic ether
Geranyl tiglate	1.33	Monoterpenic ester
Geranyl 4-methylvalerate?	0.24	Monoterpenic ester
Citronellyl caproate	0.05	Monoterpenic ester
Geranyl caproate	0.15	Monoterpenic ester
Citronellyl heptanoate	0.06	Monoterpenic ester
Phytone	0.04	Terpenic ketone
Geranyl heptanoate	0.13	Monoterpenic ester
Citronellyl caprylate	0.05	Monoterpenic ester
Geranyl caprylate	0.07	Monoterpenic ester
Unknown	0.02	Unknown
Unknown	0.02	Unknown
Consolidated total	97.35	

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

Note: no correction factor was applied

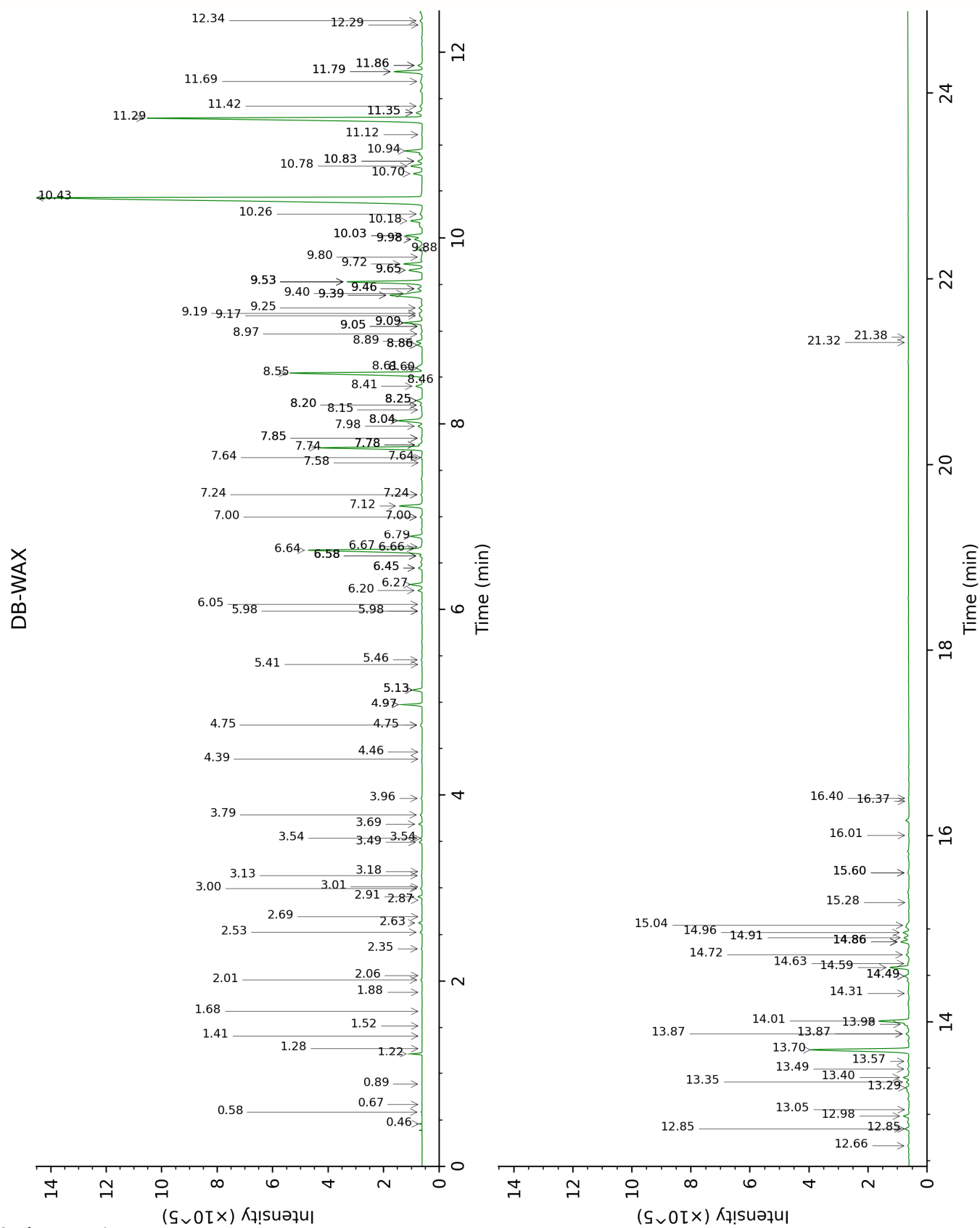
About "consolidated" data: The table above presents the breakdown of the sample volatile constituents after applying an algorithm to collapse data acquired from the multi-columns system of PhytoChemia into a single set of consolidated contents. In case of discrepancies between columns, the algorithm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

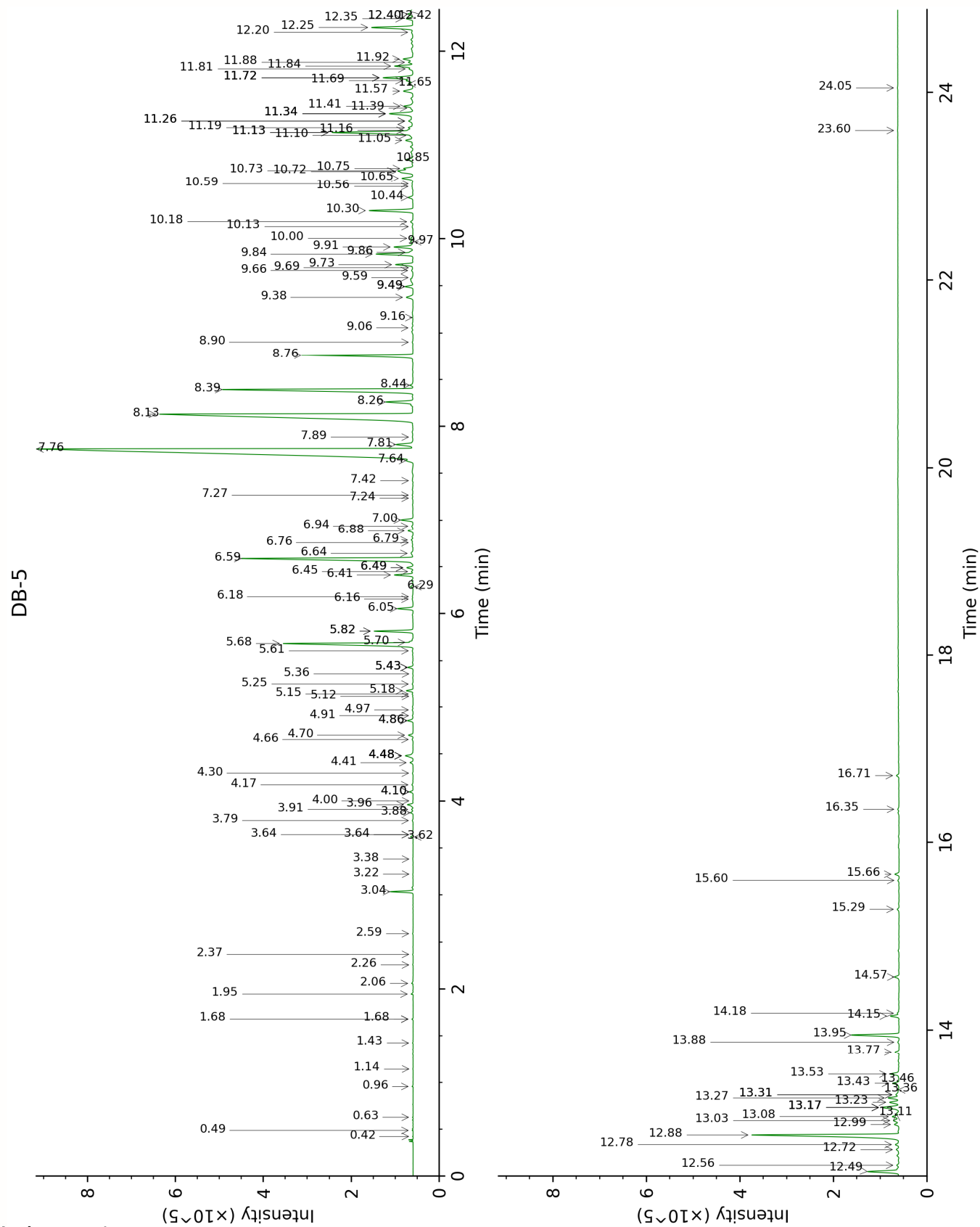
chromatograms in this report to access the full untreated data and perform their own calculations if needed.

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.

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





FULL ANALYSIS DATA

Isobutyral	Column DB-WAX			Column DB-5		
	0.46	782.0	0.04	0.42	540.4	tr
2-Methyl-3-buten-2-ol	1.41	1016.7	0.01	0.49	595.7	0.01
2-Methylbutyral	0.67	880.0	0.01	0.63	653.2	0.01
Isoamyl alcohol	3.18	1177.9	0.02	0.96	732.3	0.02
Toluene	1.28	1001.2	0.01	1.14	759.1	tr
Hexanal	1.68	1044.1	0.01	1.43	799.8	0.01
Dimethyl sulfoxide	7.58	1505.4	0.01	1.68*	823.4	[0.02]
Unknown PEGR III [m/z 81, 69 (80), 41 (65), 83 (52), 109 (48), 55 (47)...]	0.58	847.3	0.02	1.68*	823.4	[0.02]
3-Methylpentanol	4.75*	1296.9	[0.09]	1.95	845.8	0.04
(3Z)-Hexenol	5.46	1346.8	0.04	2.06	855.4	0.03
Hexanol	5.14*	1323.2	[0.41]	2.26	871.9	0.01
3-Acetyl-3-methylcyclopentene	0.89	933.1	0.01	2.37	881.4	0.01
3-Methylpentyl formate?	2.87	1153.3	0.01	2.59	900.0	0.01
α-Pinene	1.22	990.6	0.47	3.04	930.8	0.49
Camphene	1.52	1027.9	0.01	3.22	943.3	0.01
Benzaldehyde	7.00*	1461.4	[0.09]	3.38	954.0	0.01
Geranic oxide	2.01	1078.8	0.06	3.62†	969.8	0.06
β-Pinene	1.88	1065.1	0.02	3.64*†	971.4	[0.01]
Sabinene	2.06	1083.7	0.01	3.64*†	971.4	[0.01]
Octen-3-ol	6.44*	1419.5	[0.20]	3.79	981.5	0.02
6-Methyl-5-hepten-2-one	4.75*	1296.9	[0.09]	3.88	987.1	0.07
trans-Dehydroxylinalool oxide	3.13	1174.5	0.04	3.91	989.4	0.04
Myrcene	2.63	1133.7	0.13	3.96	992.8	0.14
6-Methyl-5-hepten-2-ol	6.58*	1429.3	[0.10]	4.00	995.5	0.01
α-Phellandrene	2.53	1125.7	0.08	4.10*	1001.9	[0.09]
cis-Dehydroxylinalool oxide	3.54*	1206.7	[0.05]	4.10*	1001.9	[0.09]
Δ ³ -Carene	2.35	1111.4	0.04	4.17	1006.8	0.04
α-Terpinene	2.69	1139.0	0.02	4.30	1014.7	0.02
para-Cymene	3.79	1225.3	0.08	4.41	1021.8	0.08
Unknown COCI XLIV [m/z 59, 43 (12), 109 (11), 41 (10), 127 (8)...]	6.06	1390.5	0.03	4.48*	1026.4	[0.28]

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β-Phellandrene	3.00	1163.3	0.06	4.48*	1026.4	[0.28]
1,8-Cineole	3.01	1164.8	0.02	4.48*	1026.4	[0.28]
Unknown COCI XLIII [m/z 59, 43 (11), 109 (10), 41 (10), 127 (8)...]	5.98*	1385.2	[0.04]	4.48*	1026.4	[0.28]
Limonene	2.91	1156.3	0.16	4.48*	1026.4	[0.28]
Benzeneacetaldehyde	8.46	1574.7	0.04	4.66	1037.4	0.03
(Z)-β-Ocimene	3.49	1203.4	0.12	4.70	1040.3	0.12
(E)-β-Ocimene	3.69	1217.9	0.13	4.86*	1050.1	[0.16]
Unknown COCI V [m/z 125, 69 (75), 41 (34), 55 (25), 93 (22)... 140 (3)]	4.39	1269.7	0.02	4.86*	1050.1	[0.16]
2,6-Dimethyl-5-heptenal (melonal)	4.97*	1311.4	[0.96]	4.91	1053.5	0.02
γ-Terpinene	3.54*	1206.7	[0.05]	4.97	1057.4	0.02
cis-Sabinene hydrate	6.58*	1429.3	[0.10]	5.12	1067.1	0.01
Unknown PIMA I [m/z 79, 93 (60), 43 (40), 94 (35), 137 (33), 77 (26), 91 (20), 152 (18)]	4.46	1275.3	0.02	5.15	1068.6	0.02
cis-Linalool oxide (fur.)	6.20	1401.5	0.18	5.18	1070.8	0.17
Octanol	7.85*	1526.2	[0.06]	5.25	1075.3	0.02
Fenchone	5.41	1343.2	0.03	5.36	1082.2	0.01
Terpinolene	3.96	1238.4	0.04	5.43*	1086.6	[0.13]
trans-Linalool oxide (fur.)	6.58*	1429.3	[0.10]	5.43*	1086.6	[0.13]
para-Cymenene	5.98*	1385.2	[0.04]	5.43*	1086.6	[0.13]
trans-Sabinene hydrate	7.64*	1509.8	[0.05]	5.61	1097.9	0.03
Linalool	7.74	1518.1	4.38	5.68	1102.8	4.37
(Z)-6-Methyl-3,5-heptadien-2-one	7.85*	1526.2	[0.06]	5.70	1103.6	0.08
Phenylethyl alcohol	11.69	1846.1	0.09	5.82*	1111.3	[0.96]
cis-Rose oxide	4.97*	1311.4	[0.96]	5.82*	1111.3	[0.96]
trans-Rose oxide	5.14*	1323.2	[0.41]	6.06	1126.8	0.40
Unknown CYFL IV [m/z 95, 67 (86), 41 (68), 82 (64), 123 (62)...]	7.24*	1479.6	[0.07]	6.16	1133.4	0.03
Unknown COCI VIII [m/z 41, 69 (87), 82 (66), 67 (55), 109 (46)... 142 (18)]	9.05*	1621.9	[0.08]	6.18	1135.1	0.03

Isopulegol	7.78*	1520.5	[0.17]	6.29	1142.0	0.07
Menthone	6.27	1406.2	0.51	6.41	1150.1	0.50
Unknown PEGR I [m/z 43, 141 (51), 55 (36), 69 (31), 41 (29)... 156 (4)]	8.15	1550.2	0.05	6.45	1152.4	0.04
Citronellal	6.66	1435.6	0.08	6.49*	1155.2	[0.18]
iso-Isopulegol	7.64*	1509.8	[0.05]	6.49*	1155.2	[0.18]
Isomenthone	6.64	1434.0	5.92	6.59	1161.5	5.84
neo-Menthol	8.25*	1558.0	[0.28]	6.64	1165.1	0.09
Terpinen-4-ol	8.20*	1554.2	[0.09]	6.76	1172.5	0.03
Menthol	8.86*	1605.5	[0.21]	6.79	1174.4	0.05
Isomenthol	8.60	1585.4	0.16	6.88	1180.8	0.13
para-Cymen-8-ol	11.12	1795.2	0.03	6.94	1184.3	0.04
α-Terpineol	9.40	1650.7	0.40	7.00	1188.6	0.33
Unknown MEPI V [m/z 43, 99 (84), 81 (46), 986 (43), 126 (36), 71 (28)... 170 (12)]				7.24	1203.8	0.02
Unknown DRMO II [m/z 123, 81 (40), 67 (29), 79 (29), 93 (26), 121 (25), 41 (24), 55 (18), 69 (15)...]				7.27	1205.9	0.02
β-Cyclocitral	8.25*	1558.0	[0.28]	7.42	1216.4	0.02
Nerol	10.70	1759.2	0.38	7.64	1230.9	0.22
Citronellol	10.43	1736.3	28.63	7.76	1239.4	29.05
Neral	9.09*	1625.0	[0.82]	7.81	1242.6	0.60
Piperitone	9.53*	1661.1	[3.52]	7.89	1248.0	0.03
Geraniol	11.29	1810.6	14.90	8.13	1264.7	15.25
Geranial	9.72	1676.9	0.80	8.26	1273.6	0.82
Citronellyl formate	8.55	1581.3	6.79	8.39	1282.6	6.80
Neryl formate	9.09*	1625.0	[0.82]	8.44	1285.8	0.08
Geranyl formate	9.53*	1661.1	[3.52]	8.76	1307.9	3.32
(3Z)-Hexenyl tiglate	8.97	1615.2	0.06	8.90	1314.1	0.03
Methyl geranate	9.39*	1649.3	[1.90]	9.06	1325.0	0.04
Citronellic acid	15.60*	2223.6	[0.08]	9.16	1332.8	0.01
α-Cubebene	6.44*	1419.5	[0.20]	9.38	1348.0	0.24
Phenylethyl propionate	11.42	1822.2	0.13	9.49*	1356.2	[0.21]
Citronellyl acetate	9.05*	1621.9	[0.08]	9.49*	1356.2	[0.21]
Neryl acetate	9.80	1682.9	0.05	9.59	1362.9	0.02
α-Ylangene	6.67	1436.8	0.04	9.66	1368.3	0.04
Geranic acid	16.37	2304.1	0.02	9.69	1370.4	0.01
α-Copaene	6.79	1445.3	0.54	9.73	1372.7	0.49

β-Bourbonene	7.12	1470.4	1.06	9.84	1380.7	1.05
1,5-diepi-β-Bourbonene	7.00*	1461.4	[0.09]	9.86	1382.0	0.07
Geranyl acetate	10.18	1715.1	0.53	9.91	1386.0	0.58
β-Elemene	8.04*	1541.1	[1.26]	9.97	1390.0	0.07
Phenylethyl isobutyrate	11.35*	1815.8	[0.36]	10.00	1392.5	0.07
Isocaryophyllene	7.78*	1520.5	[0.17]	10.13	1401.4	0.03
α-Gurjunene	7.24*	1479.6	[0.07]	10.18	1405.1	0.08
β-Caryophyllene	8.04*	1541.1	[1.26]	10.30	1413.9	1.30
β-Copaene	7.98	1536.4	0.20	10.44	1424.4	0.14
Heptyl tiglate				10.56	1433.2	0.05
Aromadendrene	8.20*	1554.2	[0.09]	10.58	1435.4	0.03
6,9-Guaiadiene	8.25*	1558.0	[0.28]	10.65	1440.0	0.35
Unknown BOCA IV [m/z 91, 161 (92), 105 (85), 119 (63), 133 (53), 79 (49), 204 (46)]	8.41	1570.2	0.29	10.72	1445.3	0.31
Citronellyl propionate	9.88	1690.0	0.29	10.73	1446.0	0.41
α-Humulene	8.89	1608.6	0.26	10.75	1447.9	0.26
allo-Aromadendrene	8.61	1586.1	0.28	10.85	1455.2	0.20
trans-Cadina-1(6),4-diene	8.86*	1605.5	[0.21]	11.05	1470.4	0.22
γ-Murolene	9.17	1631.2	0.14	11.10	1474.4	0.06
Geranyl propionate	10.94	1780.2	0.74	11.14*	1476.7	[2.63]
Germacrene D	9.39*	1649.3	[1.90]	11.14*	1476.7	[2.63]
α-Amorphene	9.19	1633.3	0.15	11.16	1478.4	0.09
β-Selinene	9.46*	1655.1	[0.23]	11.19	1480.5	0.11
Phenylethyl isovalerate	12.66	1935.0	0.07	11.26*	1485.8	[0.12]
γ-Amorphene	9.46*	1655.1	[0.23]	11.26*	1485.8	[0.12]
α-Selinene	9.53*	1661.1	[3.52]	11.34*	1491.7	[0.81]
Bicyclogermacrene	9.66*	1671.3	[0.70]	11.34*	1491.7	[0.81]
Viridiflorene	9.25	1638.1	0.17	11.34*	1491.7	[0.81]
4-epi-cis-Dihydroagarofuran	9.53*	1661.1	[3.52]	11.40	1496.2	0.04
α-Murolene	9.66*	1671.3	[0.70]	11.42	1497.7	0.26
γ-Cadinene	9.98*	1698.4	[0.41]	11.58	1509.8	0.35
7-epi-α-Selinene	10.02*	1701.7	[0.80]	11.65	1516.0	0.14
Geranyl isobutyrate	10.83*	1770.7	[0.20]	11.69	1518.7	0.18
trans-Calamenene	10.83*	1770.7	[0.20]	11.72*	1521.1	[0.98]
δ-Cadinene	10.02*	1701.7	[0.80]	11.72*	1521.1	[0.98]
Zonarene	9.98*	1698.4	[0.41]	11.72*	1521.1	[0.98]
trans-Cadina-1,4-diene	10.26	1721.4	0.10	11.81	1528.6	0.11

Citronellyl butyrate	10.78	1766.2	0.52	11.84	1530.9	0.54
Phenylethyl angelate?	13.87*	2050.0	[0.15]	11.88	1534.1	0.14
α -Agarofuran	11.35*	1815.8	[0.36]	11.92	1536.9	0.31
1-nor-Bourbonanone	13.05	1971.3	0.03	12.20	1559.3	0.05
Geranyl butyrate	11.79*	1855.5	[1.25]	12.25	1563.4	1.26
Spathulenol	13.98	2060.1	0.18	12.35	1570.8	0.20
Caryophyllene oxide	12.34	1904.5	0.12	12.40*	1574.8	[0.16]
Caryophyllene oxide isomer	12.29	1900.6	0.02	12.40*	1574.8	[0.16]
Globulol	13.49	2012.4	0.08	12.42	1577.0	0.08
Phenylethyl tiglate	14.59	2119.9	0.87	12.49	1582.2	0.88
Viridiflorol	13.57	2020.5	0.06	12.56	1587.5	0.06
Geranyl 2-methylbutyrate?	11.79*	1855.5	[1.25]	12.72	1600.7	0.09
Geranyl isovalerate	11.86*	1861.5	[0.21]	12.78	1604.9	0.11
10-epi- γ -Eudesmol	13.70	2033.4	4.92	12.88	1613.3	5.06
1-epi-Cubenol	13.35	1999.2	0.12	12.99	1622.6	0.14
γ -Eudesmol	14.49*	2110.5	[0.24]	13.03	1626.1	0.20
Unknown PEGR II [m/z 147, 162 (79), 43 (64), 59 (64), 95 (47), 91 (44), 105 (43)... 238 (13)]	14.86*	2147.8	[0.38]	13.08	1629.6	0.21
Citronellyl valerate?	11.86*	1861.5	[0.21]	13.11	1632.3	0.07
Agarospinol?	14.72	2133.8	0.15	13.17*	1637.6	[0.61]
τ -Cadinol	14.49*	2110.5	[0.24]	13.17*	1637.6	[0.61]
τ -Muurolool	14.63	2124.2	0.07	13.17*	1637.6	[0.61]
Cubenol	13.29	1993.3	0.17	13.17*	1637.6	[0.61]
β -Eudesmol	14.96	2157.9	0.30	13.23	1642.3	0.30
α -Eudesmol	14.91	2152.3	0.24	13.27	1646.1	0.32
Valerianol	14.86*	2147.8	[0.38]	13.31*	1648.9	[0.12]
α -Cadinol	15.04	2165.9	0.09	13.31*	1648.9	[0.12]
<i>cis</i> -Calamenen-10-ol	16.01	2265.7	0.03	13.36	1653.2	0.04
Geranyl valerate	12.84*	1952.0	[0.17]	13.43	1659.1	0.20
<i>trans</i> -Calamenen-10-ol	16.40	2307.4	0.03	13.46	1661.9	0.01
Citronellyl tiglate	12.98	1964.8	0.24	13.53	1667.3	0.28
Citronellyl 4-methylvalerate				13.77	1687.0	0.11
3 β ,4 β -Oxidoagarofuran?	15.60*	2223.6	[0.08]	13.88	1696.0	0.04
Geranyl tiglate	14.01	2063.4	1.38	13.95	1702.3	1.33
Geranyl 4-methylvalerate?	13.40	2003.8	0.25	14.15	1719.7	0.24
Citronellyl caproate	12.84*	1952.0	[0.17]	14.18	1722.3	0.05

Geranyl caproate	13.87*	2050.0	[0.15]	14.57	1755.8	0.15
Citronellyl heptanoate				15.29	1819.0	0.06
Phytone	14.31	2092.3	0.03	15.60	1847.1	0.04
Geranyl heptanoate	14.86*	2147.8	[0.38]	15.66	1853.1	0.13
Citronellyl caprylate	14.86*	2147.8	[0.38]	16.35	1916.5	0.05
Geranyl caprylate	15.28	2190.6	0.01	16.71	1950.6	0.07
Unknown COCI L [m/z 69, 83 (59), 81 (56), 137 (48), 41 (29), 139 (28)...]	21.32	2888.2	0.01	23.60	2706.0	0.02
Unknown CYWI III [m/z 69, 81 (84), 137 (53), 83 (30), 95 (27), 41 (19)...]	21.38	2895.5	0.01	24.05	2764.1	0.02
Total reported		95.82%			97.66%	

*: 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