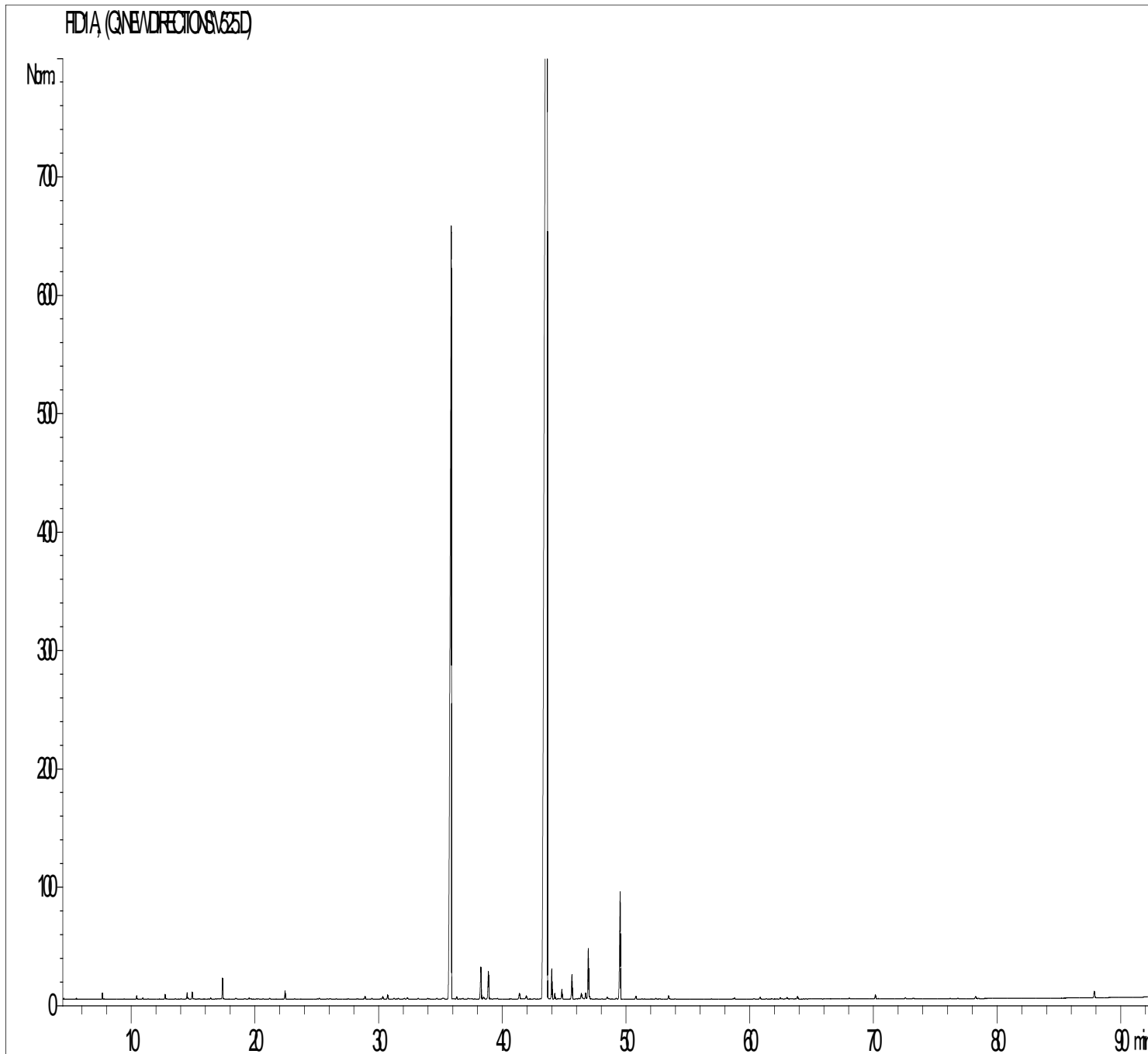


GCMS ANALYSIS

PRODUCT NAME: BASIL ORGANIC ESSENTIAL OIL - 58101

DATE: January 24, 2019



Due to volume turnover, this report is not lot specific. It is representative of the quality of this oil produced by the manufacturer of this product. Specific lots may vary slightly as is the case in natural products.

GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BASIL ORGANIC ESSENTIAL OIL - 58101

Peak	RT (min)	Compound name	%
1	4,5	ACETONE	0,01
2	5,5	BUTANAL,2-METHYL-	0,01
3	5,6	ISOVALERALDEHYDE	0,01
4	5,7	ETHANOL	0,01
5	7,6	alpha-PINENE	0,05
6	10,4	beta-PINENE	0,03
7	10,9	SABINENE	0,01
8	12,7	beta-MYRCENE	0,05
9	14,5	LIMONENE	0,07
10	14,6	ALIPHATIC ALCOHOL	0,01
11	14,9	1,8-CINEOLE	0,08
12	16,4	Cis-beta-OCIMENE	0,01
13	17,0	gamma-TERPINENE	0,01
14	17,3	Trans-beta-OCIMENE	0,25
15	17,4	3-OCTANONE	0,01
16	18,4	p-CYMENE	0,01
17	19,1	TERPINOLENE	0,01
18	19,5	OCTANAL	0,01
19	21,1	3-HEXEN-1-OL ACETATE	0,01
20	22,4	6-METHYL-5-HEPTEN-2-ONE	0,10
21	25,1	3-HEXEN-1-OL	0,01
22	26,0	FENCHONE	0,01
23	28,8	LINALOOL Cis-OXIDE	0,04
24	29,4	1-OCTEN-3-OL	0,01
25	30,3	MENTHONE	0,04
26	30,7	LINALOOL Trans-OXIDE	0,06
27	31,2	OCTYL ACETATE	0,01
28	31,5	ALIPHATIC ESTER	0,01
29	32,0	ISOMENTHONE	0,01
30	32,3	alpha-COPAENE	0,03

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BASIL ORGANIC ESSENTIAL OIL - 58101

Peak	RT (min)	Compound name	%
31	33,1	SESQUITERPENE	0,01
32	33,9	beta-BOURBONENE	0,02
33	34,7	SESQUITERPENE	0,01
34	35,1	alpha-GURJUNENE	0,02
35	35,2	BERGAMOTENE ISOMER	0,01
36	35,8	LINALOOL	20,27
37	36,3	1-OCTANOL	0,03
38	36,8	MENTHYL ACETATE	0,01
39	37,2	alpha-cis-BERGAMOTENE	0,01
40	38,2	alpha-trans-BERGAMOTENE	0,55
41	38,4	beta-ELEMENE	0,04
42	38,8	beta-CARYOPHYLLENE	0,47
43	41,3	MENTHOL	0,10
44	41,9	FARNESENE ISOMER	0,06
45	43,6	ESTRAGOLE	72,12
46	43,7	alpha-HUMULENE + E-beta-FARNESENE	0,68
47	43,9	NERAL	0,44
48	44,2	Z-beta-FARNESENE	0,08
49	44,4	SESQUITERPENE	0,01
50	44,8	alpha-TERPINEOL	0,14
51	45,6	GERMACRENE D	0,39
52	46,1	beta-SELINENE	0,01
53	46,3	HEXENYL ESTER + alpha-ZINGIBERENE	0,10
54	46,4	SESQUITERPENE	0,02
55	46,7	beta-BISABOLENE	0,10
56	46,9	GERANIAL	0,79
57	47,0	CARVONE	0,03
58	48,4	delta-CADINENE	0,03
59	48,5	gamma-CADINENE	0,01
60	49,1	SESQUITERPENE Mw=202	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: BASIL ORGANIC ESSENTIAL OIL - 58101

Peak	RT (min)	Compound name	%
61	49,5	alpha-BISABOLENE	1,82
62	50,8	NEROL	0,05
63	52,4	Trans-ANETHOL	0,01
64	53,4	GERANIOL	0,05
65	58,7	HEXENYLIC ESTER	0,02
66	60,8	CARYOPHYLLENE EPOXIDE	0,03
67	62,4	METHYLEUGENOL	0,02
68	63,0	AROMATIC COMPOUND	0,03
69	63,8	NEROLIDOL	0,05
70	68,0	SPATHULENOL	0,02
71	70,1	EUGENOL	0,06
72	70,3	T-CADINOL	0,01
73	72,5	alpha-BISABOLOL	0,02
74	73,1	beta-EUDESMOL	0,01
75	73,3	alpha-CADINOL	0,01
76	78,2	CHAVICOL	0,04
77	87,8	CINNAMALDEHYDE, 3-METHOXY-	0,12
78	94,4	4-METHOXYPHENYL, 2-PROPANONE- Mw=164	0,06
		TOTAL	99,99

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