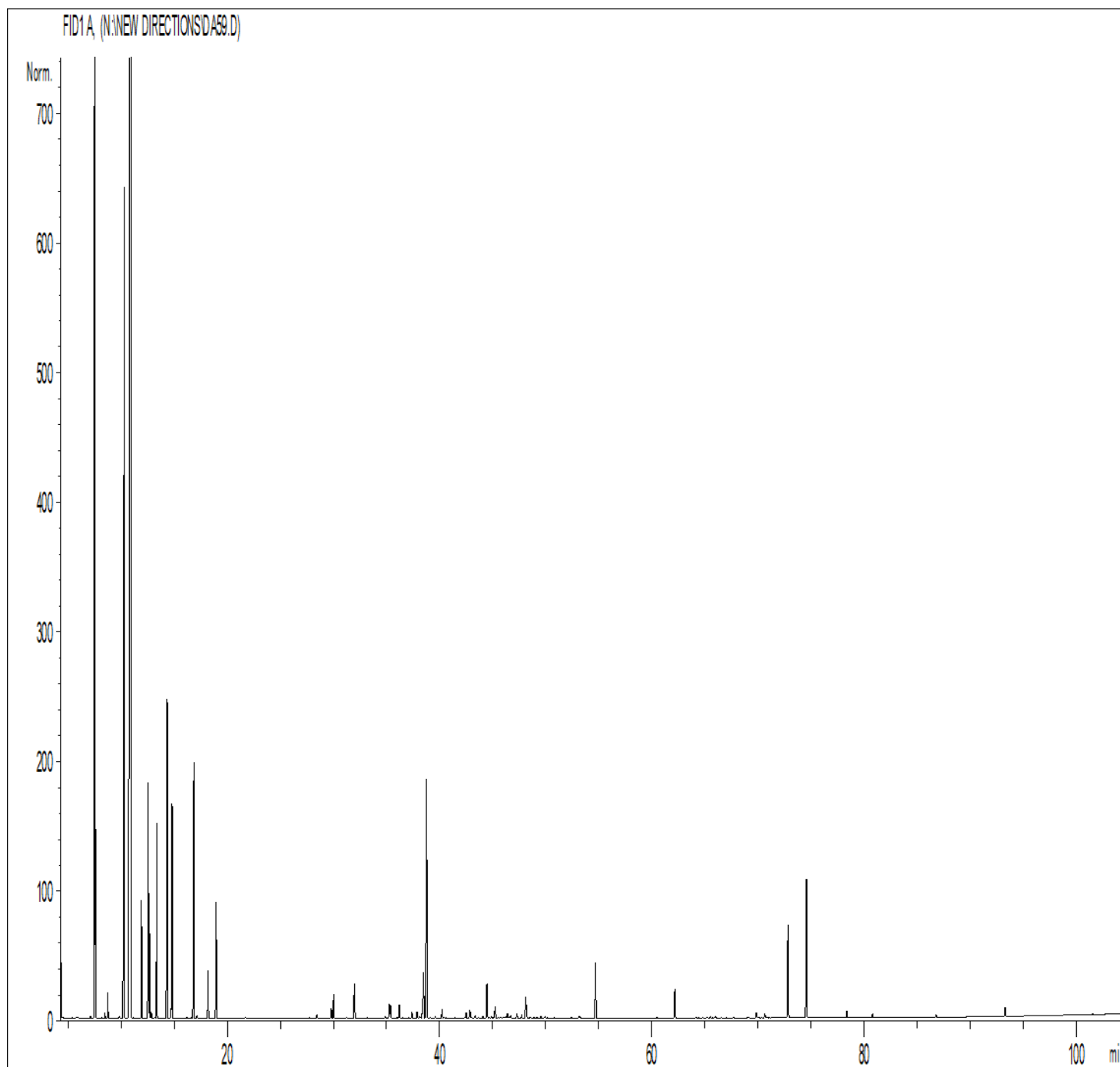


GCMS ANALYSIS

PRODUCT NAME: NUTMEG ORGANIC ESSENTIAL OIL - 50017

DATE: November 02, 2020



*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: NUTMEG ORGANIC ESSENTIAL OIL - 50017

Peak	RT (min)	Compound	%
1	4,37	ACÉTONE	0,24
2	5,38	BUTANAL, 2-METHYL-	0,01
3		ISOALERALDEHYDE	
4	7,10	TRICYCLENE	0,01
5	7,51	<b>alpha-PINENE</b>	<b>15,43</b>
6	7,56	alpha-THUYENE	1,67
7	8,47	alpha-FENCHENE	0,04
8	8,74	CAMPHENE	0,22
9	9,81	TERPENE ISOMER	0,02
10	10,28	<b>beta-PINENE</b>	<b>11,79</b>
11	10,90	<b>SABINENE</b>	<b>39,45</b>
12	10,95	PINADIENE	0,01
13	11,90	<b>delta3-CARENE</b>	<b>1,06</b>
14	12,54	<b>beta-MYRCENE</b>	<b>2,57</b>
15	12,65	alpha-PHELLANDRENE	0,71
16	12,82	psi-LIMONENE	0,05
17	13,34	alpha-TERPINENE	1,98
18	14,32	<b>LIMONENE</b>	<b>3,82</b>
19	14,66	1,8-CINEOLE	0,09
20	14,78	beta-PHELLANDRENE	2,35
21	16,17	cis-beta-OCIMENE	0,01
22	16,83	<b>gamma-TERPINENE</b>	<b>3,18</b>
23	17,11	trans-beta-OCIMENE	0,03
24	18,17	p-CYMENE	0,53
25	18,94	TERPINOLENE	1,35
26	21,71	1-ADAMANTANOL Mw=152	0,01
27	25,72	COSMENE	0,01
28	27,70	COMPOUND Mw=134	0,01
29	28,44	alpha,p-DIMETHYLSTYRENE	0,04
30	29,80	alpha-CUBEBENE	0,13

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## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: NUTMEG ORGANIC ESSENTIAL OIL - 50017

Peak	RT (min)	Compound	%
31	30,02	trans-THUYANOL	0,30
32	31,24	ISOLEDENE	0,01
33	31,98	alpha-COPAENE	0,48
34	34,88	SESQUITERPENE	0,03
35	35,26	cis-THUYANOL	0,19
36	35,37	LINALOOL	0,17
37	36,02	LINALYL ACETATE	0,02
38	36,22	trans-p-MENTH-2-EN-1-OL	0,17
39	37,39	BORNYL ACETATE	0,09
40	37,88	alpha-trans-BERGAMOTENE	0,09
41	38,11	CALARENE	0,03
42	38,44	ANISOLE p-PENTYL	0,23
43	38,49	beta-CARYOPHYLLENE	0,61
44	38,79	<b>TERPINENE-4-OL</b>	<b>3,61</b>
45	39,11	AROMADENDRENE	0,01
46	39,60	LINALYL PROPIONATE	0,03
47	40,23	cis-p-MENTH-2-EN-1-OL	0,11
48	40,64	CADINA-3,5-DIENE	0,01
49	42,37	ZONARENE	0,01
50	42,51	alpha-HUMULENE	0,08
51	42,86	CITRONELLYL ACETATE	0,11
52	42,94	FARNESENE ISOMER	0,01
53	43,37	cis-PIPERITOL	0,04
54	43,66	KETONE COMPOUND	0,01
55	44,08	gamma-MUUROLENE	0,03
56	44,40	TERPENYL ACETATE	0,15
57	44,47	alpha-TERPINEOL	0,33
58	44,89	SESQUITERPENE	0,02
59	45,24	GERMACRENE D	0,18
60	45,54	MUUROLADIENE ISOMER	0,01

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## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: NUTMEG ORGANIC ESSENTIAL OIL - 50017

Peak	RT (min)	Compound	%
61	45,76	PIPERITONE	0,02
62	46,11	SESQUITERPENE	0,01
63	46,24	alpha-MUUROLENE	0,02
64	46,41	beta-BISABOLENE	0,08
65	46,70	BICYCLOGERMACRENE	0,04
66	47,30	trans-PIPERITOL	0,06
67	47,75	E,E-alpha-FARNESENE	0,04
68	48,12	delta-CADINENE	0,19
69	48,13	GERANYL ACETATE	0,20
70	48,54	CITRONELLOL	0,02
71	48,90	beta-SESQUIPELLANDRENE	0,01
72	49,17	trans-alpha-BISABOLENE	0,01
73	49,56	CADINA-1,4-DIENE	0,03
74	49,97	ALIPHATIC ESTER	0,03
75	52,44	CALAMENENE	0,01
76	53,13	GERANIOL	0,03
77	53,24	p-CYMENE-8-OL	0,03
78	54,70	<b>SAFROLE</b>	<b>0,78</b>
79	60,48	CARYOPHYLLENE EPOXIDE	0,01
80	62,18	METHYLEUGENOL	0,39
81	64,19	MENTHATRIENIC COMPOUND	0,01
82	65,21	COMPOUND Mw=238	0,01
83	65,53	ELEMOL	0,02
84	65,95	cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0,01
85	66,02	GUAIOL	0,03
86	67,71	SPATHULENOL	0,01
87	69,86	EUGENOL	0,08
88	69,90	COMPOUND Mw=210	0,01
89	70,67	METHYLISOEUGENOL	0,06
90	71,98	CARVACROL	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: NUTMEG ORGANIC ESSENTIAL OIL - 50017

Peak	RT (min)	Compound	%
91	72,85	ELEMICIN	1,34
92	74,59	<b>MYRISTICIN</b>	<b>2,06</b>
93	78,39	ISOEUGENOL	0,11
94	80,81	trans-ISOELEMICIN	0,06
95	84,51	LAURIC ACID	0,01
96	86,80	METHOXY EUGENOL	0,04
97	93,31	MYRISTIC ACID	0,14
98	101,56	PALMITIC ACID	0,01
		<b>TOTAL</b>	<b>100,00</b>

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