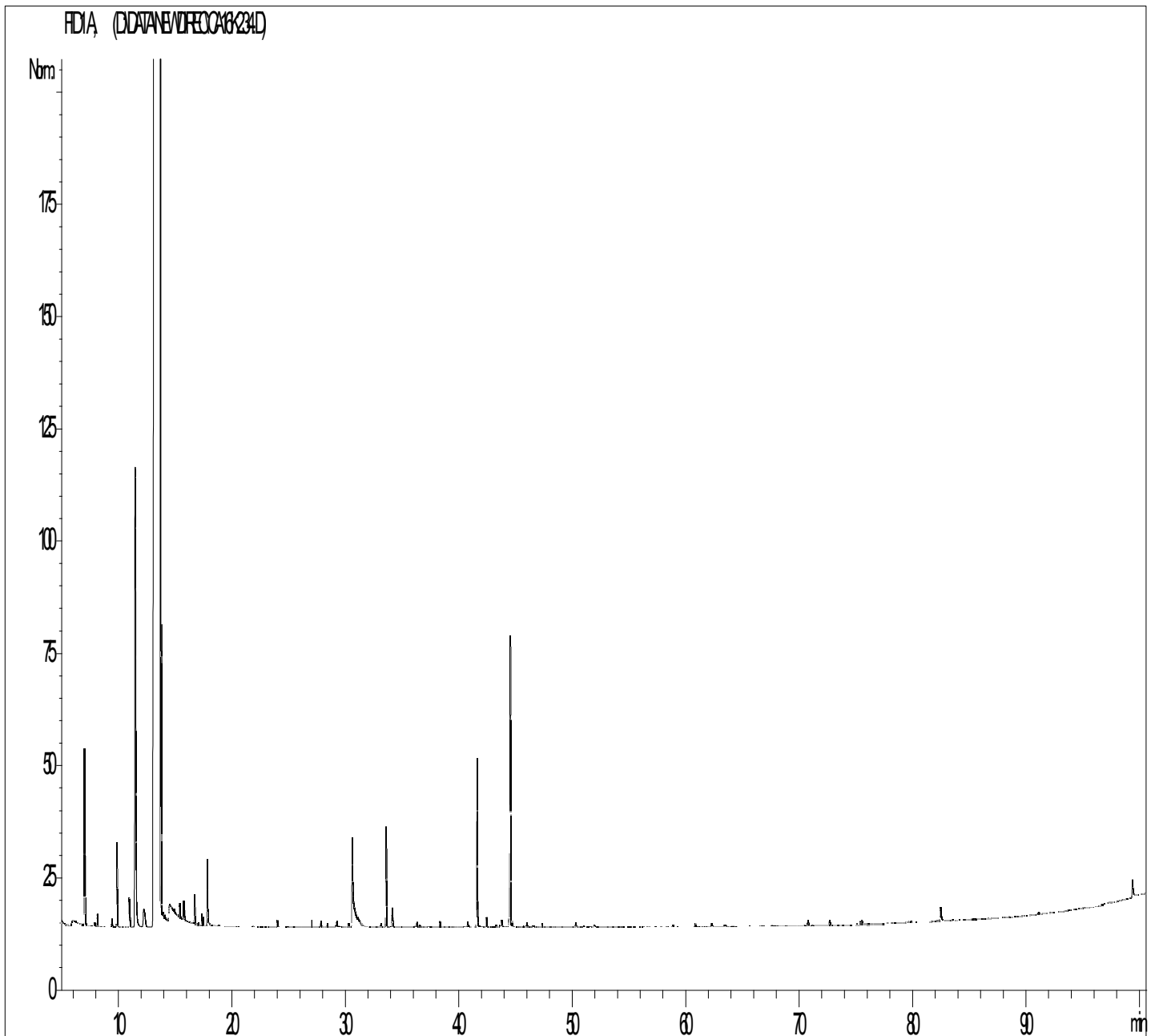


## GCMS ANALYSIS

Product Name: Orange Bitter Essential Oil

Date: June 14, 2018



Product Name: Orange Bitter Essential Oil Cont'd  
Date: June 14, 2018

Pea	RT (min)	Compound name	%
1	6,4	<b>alpha-PINENE</b>	<b>0,68</b>
2	7,3	CAMPHENE	0,01
3	8,4	<b>beta-PINENE</b>	<b>0,03</b>
4	8,8	SABINENE	0,13
5	9,8	delta3-CARENE	0,11
6	10,2	<b>beta-MYRCENE</b>	<b>1,06</b>
7	10,3	alpha-PHELLANDRENE	0,05
8	10,5	psi-LIMONENE	0,02
9	10,9	alpha-TERPINENE	0,08
10	12,0	<b>LIMONENE</b>	<b>95,46</b>
11	12,2	beta-PHELLANDRENE	0,28
12	13,3	Cis-beta-OCIMENE	0,01
13	13,8	gamma-TERPINENE	0,05
14	14,0	Trans-beta-OCIMENE	0,02
15	14,9	p-CYMENE	0,04
16	15,6	TERPINOLENE	0,02
17	16,1	<b>OCTANAL</b>	<b>0,06</b>
18	22,0	NONANAL	0,01
19	24,8	Cis-1,2- LIMONENE EPOXIDE	0,01
20	25,6	Trans-1,2- LIMONENE EPOXIDE	0,01
21	26,2	Trans-THUYANOL	0,01
22	28,4	<b>DECANAL</b>	<b>0,41</b>
23	31,2	<b>LINALOOL</b>	<b>0,13</b>
24	-	<b>LINALYL ACETATE</b>	<b>Nd</b>
25	31,9	1-OCTANOL	0,04
26	-	<b>beta-CARYOPHYLLENE</b>	<b>Nd</b>
27	35,9	MENTHADIENOL ISOMER	0,01
28	38,4	MENTHADIENOL ISOMER	0,01
29	39,3	NERAL	0,38
30	40,2	alpha-TERPINEOL	0,01

#### Disclaimer & Caution

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Product Name: Orange Bitter Essential Oil Cont'd  
Date: June 14, 2018

Pea	RT (min)	Compound name	%
31		<b>GERMACRENE D</b>	<b>Nd</b>
32	41,0	CARVONE	0,01
33	41,2	VALENCENE	0,02
34	42,3	GERANIAL	0,69
35	-	<b>GERANYL ACETATE</b>	<b>Nd</b>
36	47,9	Trans-CARVEOL	0,01
37	48,6	GERANIOL	0,01
38	49,5	Cis-CARVEOL	0,01
39	-	<b>NEROLIDOL</b>	<b>Nd</b>
40	59,7	CAPRYLIC ACID	0,01
41	70,0	CAPRIC ACID	0,01
42	79,5	13-HEXYLOXACYCLOTRIDEC-10-EN-2-ONE Mw=280	0,08
		<b>TOTAL</b>	<b>99,99</b>

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