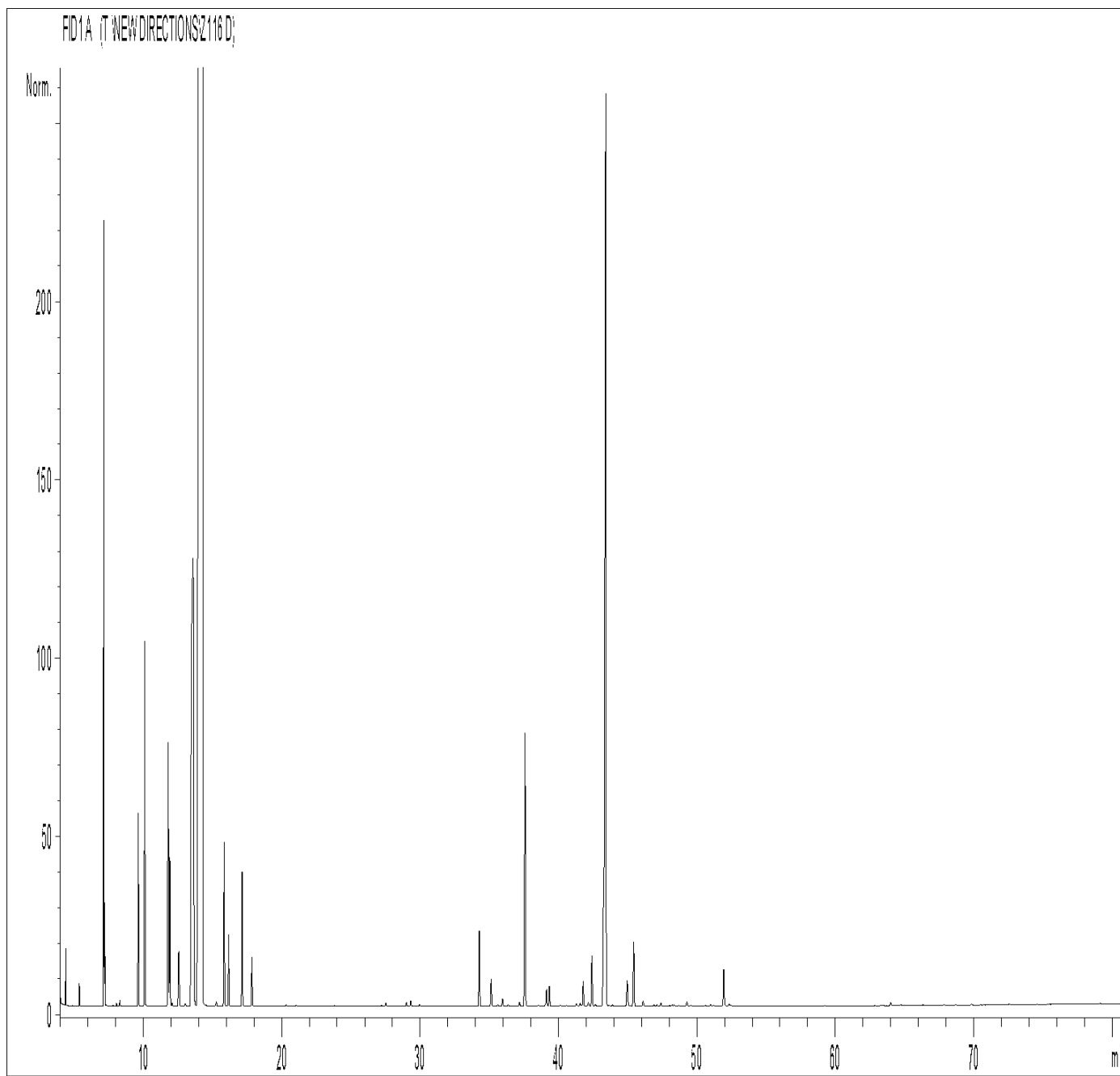


## GCMS ANALYSIS

PRODUCT NAME: EUCALYPTUS RADIATA ESSENTIAL OIL - 11240

DATE: September 6, 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: EUCALYPTUS RADIATA ESSENTIAL OIL - 11240

Peak	RT (min)	Compound name	%
1	4,39	ACETONE	0,09
2	5,38	ETHANOL	0,05
3	7,15	alpha-PINENE	2,03
4	7,21	alpha-THUYENE	0,25
5	8,06	alpha-FENCHENE	0,01
6	8,30	CAMPHENE	0,02
7	9,64	beta-PINENE	0,66
8	10,11	SABINENE	1,27
9	11,79	beta-MYRCENE	1,17
10	11,92	alpha-PHELLANDRENE	0,61
11	12,08	psi-LIMONENE	0,02
12	12,57	alpha-TERPINENE	0,31
13	13,04	1,8-CINEOLE, 2,3-DEHYDRO-	0,01
14	13,59	<b>LIMONENE</b>	<b>5,98</b>
15	14,29	<b>1,8-CINEOLE</b>	<b>76,03</b>
16	15,27	cis-beta-OCIMENE	0,02
17	15,85	gamma-TERPINENE	0,64
18	16,17	trans-beta-OCIMENE	0,28
19	17,14	p-CYMENE	0,54
20	17,85	TERPINOLENE	0,20
21	20,32	cis-3-HEXENYL ACETATE	0,01
22	27,53	LINALOOL cis-OXIDE	0,02
23	29,02	trans-THUYANOL	0,02
24	29,33	LINALOOL trans-OXIDE	0,03
25	29,96	CITRONELLAL	0,01
26	34,26	cis-THUYANOL	0,01
27	34,27	LINALOOL	0,37
28	35,14	trans-p-MENTH-2-EN-1-OL	0,14
29	35,61	ISOPULEGOL	0,01
30	35,95	TERPINENE-1-OL	0,03

## GCMS ANALYSIS (cont'd.)

PRODUCT NAME: EUCALYPTUS RADIATA ESSENTIAL OIL - 11240

Peak	RT (min)	Compound name	%
31	36,36	FENCHOL	0,01
32	37,19	beta-CARYOPHYLLENE	0,02
33	37,58	TERPINENE-4-OL	1,38
34	38,54	METHYL BENZOATE	0,01
35	39,13	cis-p-MENTH-2-EN-1-OL	0,09
36	39,34	cis-beta-TERPINEOL	0,10
37	41,28	CRYPTONE	0,02
38	41,56	ETHYL BENZOATE	0,02
39	41,78	delta-TERPINEOL	0,12
40	42,15	trans-PIPERITOL	0,02
41	42,42	NERAL	0,26
42	42,66	COMPOUND Mw=152	0,01
43	43,28	TERPENYL ACETATE	0,56
44	43,40	<b>alpha-TERPINEOL</b>	<b>5,76</b>
45	43,90	COMPOUND Mw=152	0,01
46	44,96	PIPERITONE	0,15
47	45,43	GERANIAL	0,34
48	46,11	cis-PIPERITOL	0,03
49	47,39	CITRONELLOL	0,02
50	49,27	GERANYL ACETATE	0,02
51	51,94	GERANIOL	0,19
52	52,33	2-BUTANONE, 3-PHENYL-	0,01
53	64,00	METHYL CINNAMATE	0,02
54	69,83	AROMATIC COMPOUND	0,01
		<b>TOTAL</b>	<b>100,00</b>