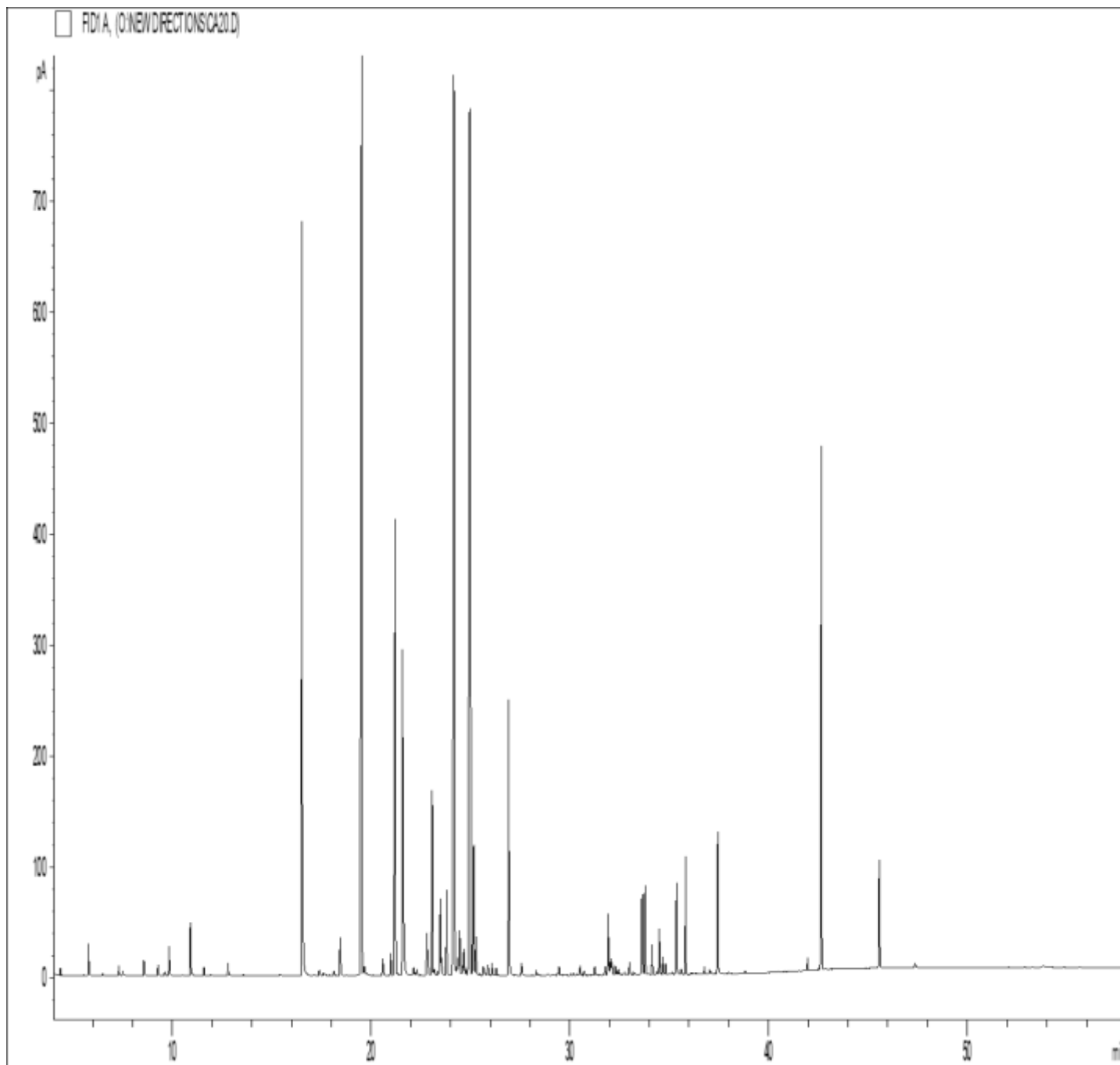


GCMS ANALYSIS

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1) - 11154

DATE: August 28, 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: YLANG YLANG ESSENTIAL OIL (#1) - 11154

Peak	RT (min)	Compound	%
1	4,36	ETHYL ACETATE	0,05
2	5,78	alpha-PINENE	0,30
3	6,49	ISOBUTYL ACETATE	0,02
4	7,30	beta-PINENE	0,10
5	7,51	2-METHYL-1-BUTANOL ACETATE	0,05
6	7,59	3-METHYL-1-BUTANOL ACETATE	0,02
7	8,57	beta-MYRCENE + alpha-PHELLANDRENE	0,17
8	9,27	ISOBUTYL METHACRYLATE	0,12
9	9,62	LIMONENE	0,04
10	9,83	1,8-CINEOLE	0,33
11	10,90	PRENYL ACETATE	0,53
12	11,01	trans-beta-OCIMENE	0,03
13	11,58	HEXYL ACETATE	0,09
14	11,93	TERPINOLENE	0,02
15	12,80	3-HEXEN-1-OL ACETATE	0,13
16	12,90	ALIPHATIC ESTER	0,01
17	13,57	5-HEPTEN-2-ONE, 6-METHYL-	0,02
18	15,39	NONANAL	0,02
19	16,51	METHYL-p-CRESOL	8,41
20	16,79	LINALOOL Cis-OXIDE	0,03
21	17,15	SESQUITERPENE	0,02
22	17,39	alpha-CUBEBENE	0,07
23	17,59	SESQUITERPENE	0,03
24	17,64	delta-ELEMENE	0,02
25	17,69	BICYCLOELEMENE	0,01
26	18,13	YLANGENE	0,06
27	18,44	alpha-COPAENE	0,47
28	19,29	CYPERENE	0,03
29	19,53	LINALOOL	16,36
30	19,65	SESQUITERPENE	0,15

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1) - 11154

Peak	RT (min)	Compound	%
31	19,78	LINALYL ACETATE	0,06
32	20,58	epsilon-CADINENE	0,23
33	20,98	beta-ELEMENE	0,22
34	21,21	SESQUITERPENE	0,18
35	21,22	beta-CARYOPHYLLENE	7,00
36	21,30	SESQUITERPENE	0,06
37	21,57	METHYL BENZOATE	4,52
38	22,14	CADINA-3,5-DIENE	0,11
39	22,22	SESQUITERPENE	0,03
40	22,30	SESQUITERPENE	0,08
41	22,81	ETHYL BENZOATE + ESTRAGOL	0,55
42	22,85	ZONARENE + SESQUITERPENE	0,12
43	23,06	alpha-HUMULENE	2,03
44	23,16	SESQUITERPENE	0,11
45	23,36	SESQUITERPENE	0,05
46	23,48	gamma-MUUROLENE	0,99
47	23,55	alpha-TERPINEOL	0,20
48	23,79	Z,E-alpha-FARNESENE	0,91
49	24,16	GERMACRENE D	10,76
50	24,17	BENZYL ACETATE	3,16
51	24,18	SESQUITERPENE	0,27
52	24,33	SESQUITERPENE	0,25
53	24,45	alpha-MUUROLENE	0,54
54	24,61	SESQUITERPENE	0,13
55	24,67	BICYCLOGERMARENE	0,31
56	24,77	SESQUITERPENE	0,09
57	24,96	E,E-alpha-FARNESENE	4,14
58	24,98	GERANYL ACETATE	12,35
59	25,15	delta-CADINENE	1,85
60	25,27	gamma-CADINENE + METHYL SALICYLATE	0,49

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1) - 11154

Peak	RT (min)	Compound	%
61	25,42	FARNESENE ISOMER	0,02
62	25,47	2-PHENYLMETHYL ISOBUTYRATE	0,02
63	25,64	CADINA-1,4-DIENE	0,14
64	25,82	3,4-DIMETHOXYTOLUENE	0,04
65	25,88	SESQUITERPENE	0,13
66	26,08	2-PHENYLETHYL ACETATE	0,13
67	26,30	trans-ANETHOL	0,08
68	26,92	GERANIOL	2,55
69	26,94	CALAMENENE	0,41
70	27,56	BENZYL ALCOHOL + PHENYLMETHYL BUTYRATE	0,17
71	28,31	Epi-CUBEBOL	0,05
72	28,88	AROMATIC COMPOUND	0,03
73	29,13	SESQUITERPENE	0,02
74	29,36	SESQUITERPENE	0,02
75	29,45	SESQUITERPENE	0,11
76	30,05	AROMATIC COMPOUND	0,02
77	30,18	PHENOLIC COMPOUND Mw=150	0,03
78	30,33	BENZOATE COMPOUND Mw=190	0,02
79	30,51	CARYOPHYLLENE EPOXIDE	0,13
80	30,71	METHYLEUGENOL	0,05
81	31,25	trans-NEROLIDOL	0,08
82	31,31	E-CINNAMALDEHYDE	0,01
83	31,77	GERMACRENE D-4-OL	0,10
84	31,92	ISOPRENYL BENZOATE + p-CRESOL	0,73
85	32,05	JUNEOL	0,24
86	32,12	CUBENOL	0,14
87	32,28	ELEMOL	0,11
88	32,37	METHYL p-ANISATE	0,04
89	32,44	GUAIOL	0,06
90	32,50	SESQUITERPENOL	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1) - 11154

Peak	RT (min)	Compound	%
91	32,70	SESQUITERPENOL	0,02
92	32,76	AROMATIC COMPOUND	0,04
93	32,89	SESQUITERPENOL	0,02
94	32,99	AROMATIC COMPOUND	0,15
95	33,22	cis-3-HEXENYL BENZOATE	0,03
96	33,63	CINNAMYL ACETATE	0,90
97	33,78	EUGENOL	0,92
98	33,92	SESQUITERPENOL	0,01
99	34,14	T-CADINOL	0,32
100	34,36	SESQUITERPENOL	0,04
101	34,50	delta-CADINOL	0,46
102	34,67	CADINOL ISOMER	0,17
103	34,80	CADINOL ISOMER	0,12
104	34,94	CADINOL ISOMER	0,01
105	35,15	alpha-EUDESOL	0,04
106	35,36	alpha-MUUROLOL	0,97
107	35,60	EUGENYL ACETATE	0,06
108	35,82	FARNESYL ACETATE	1,11
109	36,09	SESQUITERPENOL	0,02
110	36,20	SESQUITERPENOL	0,02
111	36,76	AROMATIC COMPOUND	0,08
112	37,02	ISOEUGENOL	0,06
113	37,09	CHAVICOL + SESQUITERPENOL	0,03
114	37,44	FARNESOL	1,53
115	37,68	SESQUITERPENOL	0,02
116	38,02	ISOEUGENYL ACETATE	0,02
117	38,82	SESQUITERPENOL	0,03
118	41,96	GERANYL BENZOATE	0,13
119	42,51	METHYLPHENYL BENZOATE	0,02
120	42,65	BENZYL BENZOATE	5,97

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: YLANG YLANG ESSENTIAL OIL (#1) - 11154

Peak	RT (min)	Compound	%
121	42,87	VANILLYL METHYL KETONE	0,01
122	45,57	BENZYL SALICYLATE	1,44
		TOTAL	100,00

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