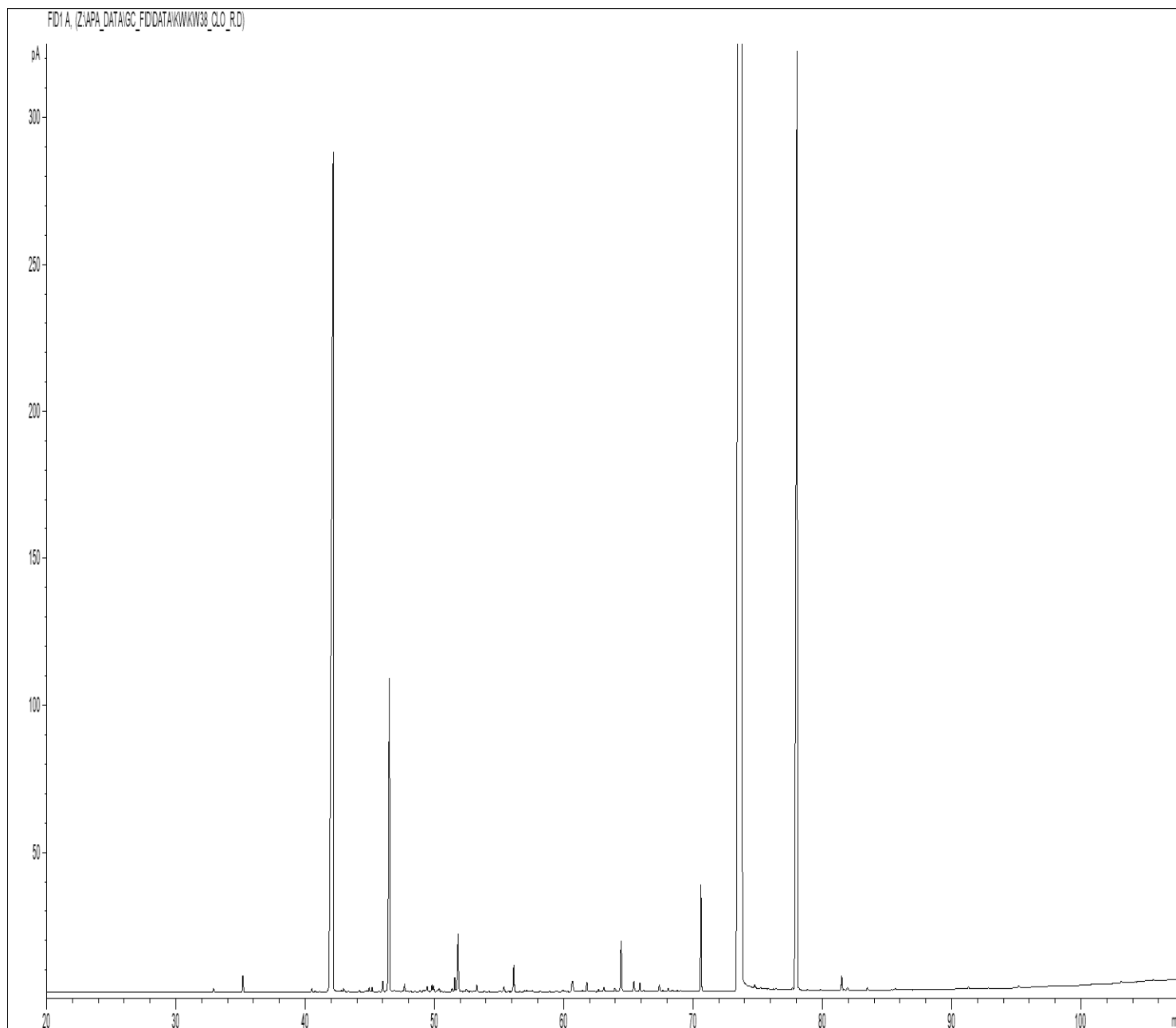


GCMS ANALYSIS

PRODUCT NAME: CLOVE BUD (INDONESIA) ESSENTIAL OIL – 11038

DATE: February 5, 2024



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: CLOVE BUD (INDONESIA) ESSENTIAL OIL – 11038

Peak	RT (min)	Compound name	%
1	32,93	alpha-CUBEBENE	0,02
2	35,18	alpha-COPAENE	0,08
3	40,52	ISOCARYOPHYLLENE	0,02
4	42,17	beta-CARYOPHYLLENE	9,01
5	42,98	TERPENIC COMPOUND	0,02
6	44,95	ALLO-AROMADENDRENE	0,02
7	45,18	SESQUITERPENE	0,02
8	46,00	ZONARENE	0,06
9	46,51	alpha-HUMULENE	1,87
10	46,89	gamma-SELINENE	0,01
11	47,69	gamma-MUUROLENE	0,04
12	49,19	GERMACRENE D	0,01
13	49,43	beta-SELINENE	0,03
14	49,79	alpha-SELINENE	0,03
15	49,92	alpha-MUUROLENE	0,03
16	50,34	SESQUITERPENE	0,02
17	51,36	TERPENIC COMPOUND	0,02
18	51,57	SESQUITERPENE	0,07
19	51,82	delta-CADINENE	0,32
20	52,47	METHYL SALICYLATE	0,02
21	53,27	CADINA-1,4-DIENE	0,03
22	55,36	SESQUITERPENE Mw=202	0,03
23	56,13	CALAMENENE	0,14
24	59,91	alpha-CALACORENE	0,01
25	60,65	AROMATIC COMPOUND	0,09
26	61,78	HUMULENE EPOXIDE	0,06
27	62,68	CHAVICYL ACETATE	0,01
28	63,10	SESQUITERPENOL	0,01
29	63,11	ALCOHOL COMPOUND	0,02
30	63,95	ISOCARYOPHYLLENE OXIDE	0,02

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: CLOVE BUD (INDONESIA) ESSENTIAL OIL – 11038

Peak	RT (min)	Compound name	%
31	64,43	CARYOPHYLLENE OXIDE	0,28
32	65,42	TERPENIC OXIDE	0,06
33	65,88	METHYLEUGENOL	0,04
34	67,39	EPOXY-6,7-HUMULENE	0,04
35	68,07	CARYOPHYLLENOL	0,02
36	70,60	DIHYDROEUGENOL	0,52
37	73,78	EUGENOL	79,54
38	74,76	AROMATIC COMPOUND	0,02
39	78,04	EUGENYL ACETATE	7,20
40	78,17	AROMATIC COMPOUND	0,01
41	81,49	CHAVICOL	0,07
42	81,95	ISOEUGENOL	0,02
43	83,48	SESQUITERPENOL	0,01
44	91,31	VANILLIN	0,01
45	95,18	VANILLYL METHYL KETONE	0,01
46	116,05	CONIFERALDEHYDE	0,03
		TOTAL	100,00

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