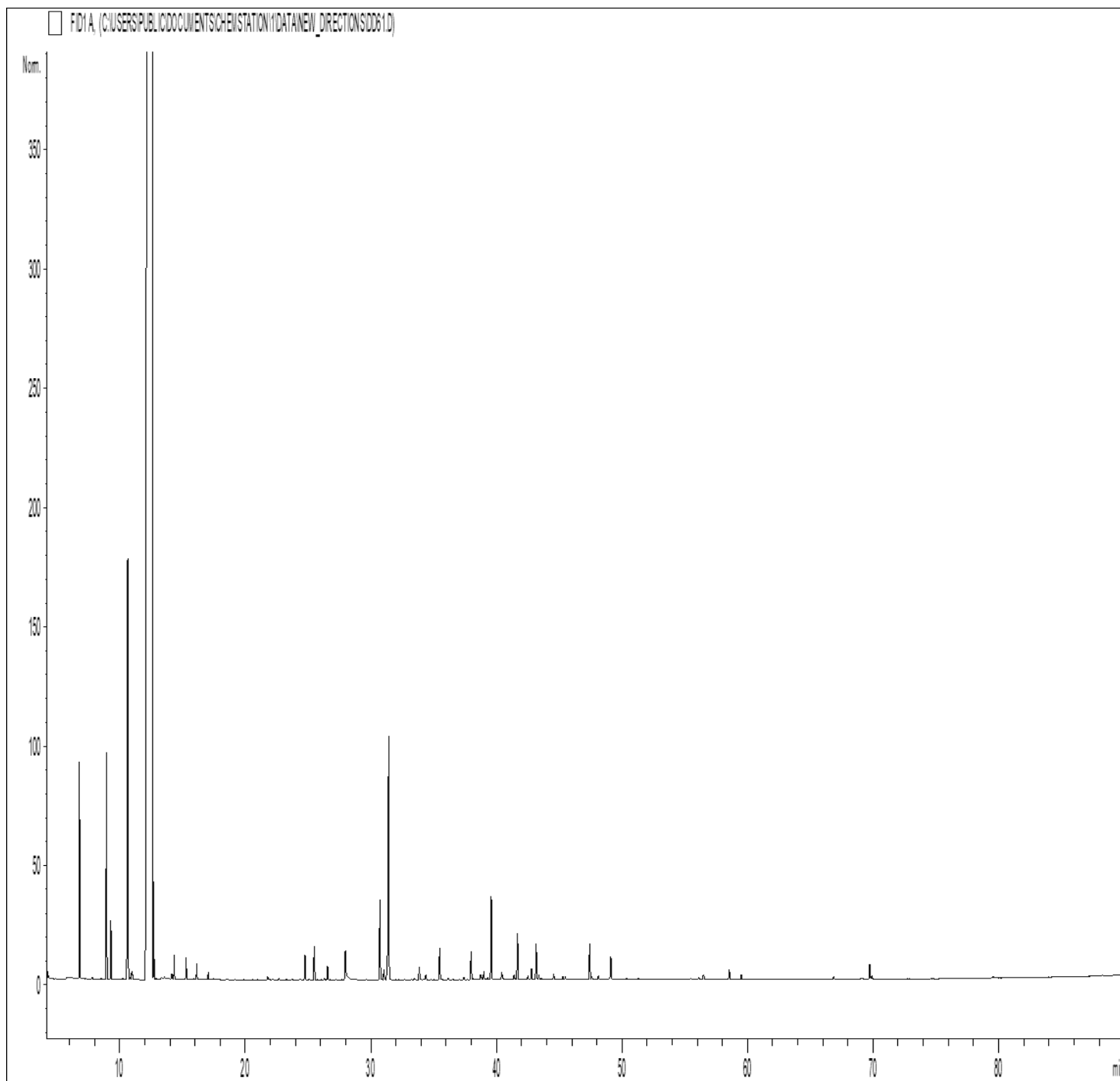


GCMS ANALYSIS

PRODUCT NAME: ORANGE BITTER ESSENTIAL OIL - 11105

DATE: November 16, 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

PRODUCT NAME: ORANGE BITTER ESSENTIAL OIL - 11105

Peak	RT (min)	Compound name	%
1	6,80	alpha-PINENE	0,52
2	8,95	beta-PINENE	0,70
3	9,30	SABINENE	0,18
4	10,65	beta-MYRCENE	1,88
5	10,83	alpha-PHELLANDRENE	0,01
6	10,98	psi-LIMONENE	0,04
7	12,59	LIMONENE	92,75
8	12,73	beta-PHELLANDRENE	0,19
9	14,16	gamma-TERPINENE	0,02
10	14,35	trans-beta-OCIMENE	0,06
11	15,31	p-CYMENE	0,06
12	16,14	OCTANAL	0,05
13	17,06	1,3,7-NONATRIENE-4,8-DIMETHYL	0,02
14	21,77	NONANAL	0,02
15	24,76	LIMONENE-1,2-cis-EPOXIDE	0,09
16	25,49	LIMONENE-1,2-trans-EPOXIDE	0,12
17	26,55	OCTYL ACETATE	0,05
18	27,96	DECANAL	0,19
19	30,72	LINALOOL	0,29
20	31,04	LIMONENE trans-8,9-EPOXIDE	0,04
21	31,31	1-OCTANOL	0,04
22	31,41	LINALYL ACETATE	0,98
23	33,86	beta-CARYOPHYLENE	0,05
24	34,38	cis-DIHYDROCARVONE	0,02
25	35,48	cis-p-2,8-MENTHADIEN-1-OL	0,12
26	37,41	1-NONANOL	0,01
27	37,98	trans-p-2,8-MENTHADIEN-1-OL	0,11
28	38,74	NERAL	0,03
29	39,00	LAVANDULAL	0,03
30	39,59	alpha-TERPINEOL	0,33

Disclaimer & Caution

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GCMS ANALYSIS

PRODUCT NAME: ORANGE BITTER ESSENTIAL OIL - 11105

Peak	RT (min)	Compound name	%
31	40,42	GERMACRENE D	0,03
32	41,41	GERANIAL	0,02
33	41,69	CARVONE	0,19
34	42,52	cis-ISOPIPERITENOL	0,02
35	42,80	trans-ISOPIPERITENOL	0,05
36	43,17	GERANYL ACETATE	0,14
37	43,39	1-DECANOL	0,02
38	44,57	PERILLALDEHYDE	0,02
39	45,31	trans-p-MENTHA-1,8-DIEN-2-OL	0,01
40	45,50	NEROL	0,01
41	47,43	trans-CARVEOL	0,14
42	47,61	ISOPIPERITENONE	0,02
43	48,12	GERANIOL	0,02
44	49,12	cis-CARVEOL	0,10
45	56,12	PERILLIC ALCOHOL	0,01
46	56,48	Z-NEROLIDOL	0,03
47	58,55	E-NEROLIDOL	0,04
48	59,52	CAPROIC ACID	0,02
49	69,74	trans-LIMONENE-1,2-DIOL	0,07
50	69,91	CAPRIC ACID	0,01
51	79,56	13-HEXYLOXACYCLOTRIDEC-10-EN-2-ONE Mw=280	0,01
		TOTAL	100,00

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