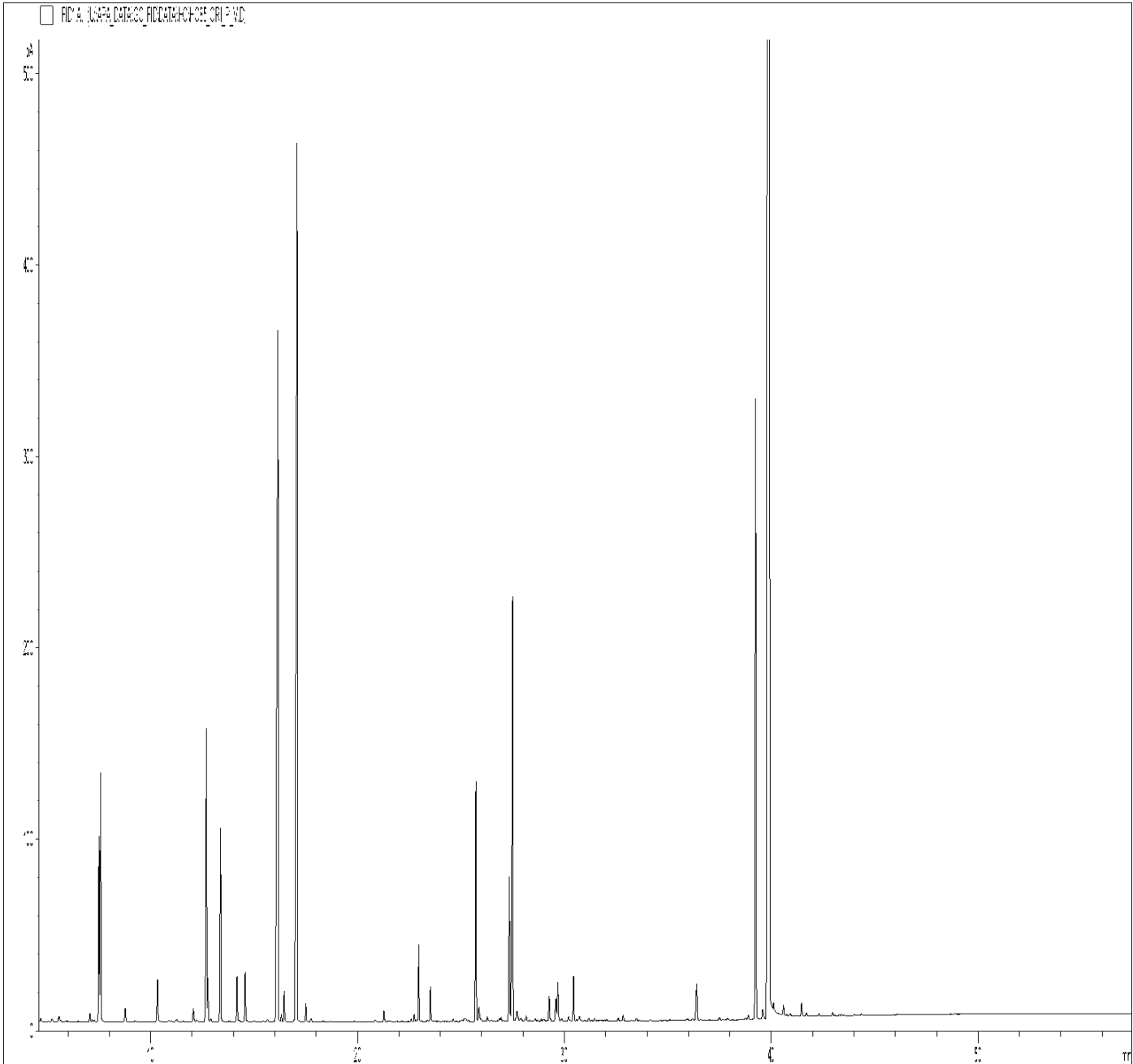


GCMS ANALYSIS

PRODUCT NAME: ORIGANUM ESSENTIAL OIL (ORIGANUM VULGARE) - 11306

DATE: May 30, 2022



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: ORIGANUM ESSENTIAL OIL (ORIGANUM VULGARE) - 11306

Peak	RT (min)	Compound name	%
1	4,70	ACETONE	0,01
2	5,53	BUTANAL, 2-METHYL-	0,01
3	5,58	ISOVALERALDEHYDE	0,02
4	7,06	METHYL 2-METHYLBUTYRATE	0,04
5	7,16	TRICYCLENE	0,01
6	7,27	METHYL ISOVALERATE	0,01
7	7,50	alpha-PINENE	0,91
8	7,58	alpha-THUYENE	1,10
9	8,77	CAMPHENE	0,08
10	10,33	beta-PINENE	0,26
11	10,88	SABINENE	0,01
12	11,25	THUYA-2,4-DIENE	0,01
13	12,07	delta3-CARENE	0,08
14	12,23	3-HEPTANONE	0,01
15	12,70	beta-MYRCENE	1,73
16	12,77	alpha-PHELLANDRENE	0,19
17	12,92	psi-LIMONENE	0,02
18	13,38	alpha-TERPINENE	1,09
19	14,18	LIMONENE	0,26
20	14,57	beta-PHELLANDRENE	0,29
21	15,65	cis-beta-OCIMENE	0,01
22	16,15	gamma-TERPINENE	5,45
23	16,33	trans-beta-OCIMENE	0,03
24	16,46	3-OCTANONE	0,15
25	17,08	p-CYMENE	6,64
26	17,50	TERPINOLENE	0,09
27	17,75	METHYL (E)-2-HEXENOATE	0,02
28	20,87	3-HEXEN-1-OL	0,01
29	21,28	3-OCTANOL	0,05
30	22,60	COMPOUND Mw=152	0,01

Disclaimer & Caution

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: ORIGANUM ESSENTIAL OIL (ORIGANUM VULGARE) - 11306

Peak	RT (min)	Compound name	%
31	22,75	alpha,p-DIMETHYLSTYRENE	0,04
32	22,85	LINALOOL cis-OXIDE	0,01
33	22,97	1-OCTEN-3-OL	0,35
34	23,53	trans-THUYANOL	0,17
35	24,63	alpha-COPAENE	0,01
36	25,16	CAMPHOR	0,04
37	25,23	beta-BOURBONENE	0,02
38	25,73	LINALOOL	1,12
39	25,87	cis-THUYANOL	0,10
40	25,96	LINALYL ACETATE	0,01
41	26,28	trans-p-MENTH-2-EN-1-OL	0,03
42	26,86	ISOCARYOPHYLLENE	0,02
43	26,94	BORNYL ACETATE	0,02
44	27,34	TERPINENE-4-OL	0,82
45	27,50	beta-CARYOPHYLLENE	2,76
46	27,68	HOTRIENOL	0,03
47	27,72	cis-DIHYDROCARVONE	0,06
48	27,76	AROMADENDRENE	0,02
49	27,91	cis-p-MENTH-2-EN-1-OL	0,03
50	28,16	trans-DIHYDROCARVONE	0,04
51	28,60	trans-PINOCARVEOL	0,02
52	28,90	ISOBORNEOL	0,01
53	29,00	E-beta-FARNESENE	0,02
54	29,27	alpha-HUMULENE	0,13
55	29,35	cis-PIPERITOL	0,03
56	29,60	alpha-TERPINEOL	0,16
57	29,69	BORNEOL	0,23
58	29,87	gamma-MUUROLENE	0,02
59	30,21	TERPENIC COMPOUND	0,03
60	30,30	NERYL ACETATE	0,01

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GCMS ANALYSIS (cont'd,)

PRODUCT NAME: ORIGANUM ESSENTIAL OIL (ORIGANUM VULGARE) - 11306

Peak	RT (min)	Compound name	%
61	30,45	beta-BISABOLENE	0,25
62	30,59	SESQUITERPENE	0,01
63	30,74	CARVONE	0,04
64	31,18	trans-PIPERITOL	0,02
65	31,47	delta-CADINENE	0,02
66	32,04	MYRTENOL	0,01
67	32,60	trans-ANETHOL	0,02
68	32,84	p-CYMENE-8-OL	0,04
69	33,49	CARVACRYL ACETATE	0,02
70	35,96	ISOCARYOPHYLLENE OXIDE	0,02
71	36,39	CARYOPHYLLENE OXIDE	0,27
72	37,50	EPOXY-6,7-HUMULENE	0,02
73	37,89	CUMINOL	0,01
74	38,74	SPATHULENOL	0,02
75	38,89	ISOTHYMOL	0,03
76	39,24	THYMOL	3,75
77	39,59	ISOCARVACROL	0,08
78	39,88	CARVACROL	70,09
79	40,11	PHENOLIC COMPOUND Mw=150	0,02
80	40,59	PHENOLIC COMPOUND Mw=150	0,06
81	40,92	GERANYLGERANIADIENE	0,02
82	41,47	PHENOLIC COMPOUND Mw=150	0,08
83	41,71	CARYOPHYLLA-2,6-DIEN-5-alpha-OL	0,03
84	42,30	PHENOLIC COMPOUND Mw=150	0,02
85	42,97	SESQUITERPENIC OXIDE	0,02
86	43,39	AROMATIC COMPOUND	0,01
87	44,01	AROMATIC COMPOUND	0,01
		TOTAL	99,93

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