

4571

Instrument 6890

C:\HPCHEM\2\DATA\2024\
45710000.D

Pepper, Black ORG

HP-5 5% Phenyl Methyl Siloxane

4571-DZIA

30.000m

Sri Lanka

250.000um

Piper nigrum

0.250um

Sample/Solvent/EtOH: 0.06g/0.53g/

0.06

Injection Amount: 0.2uL

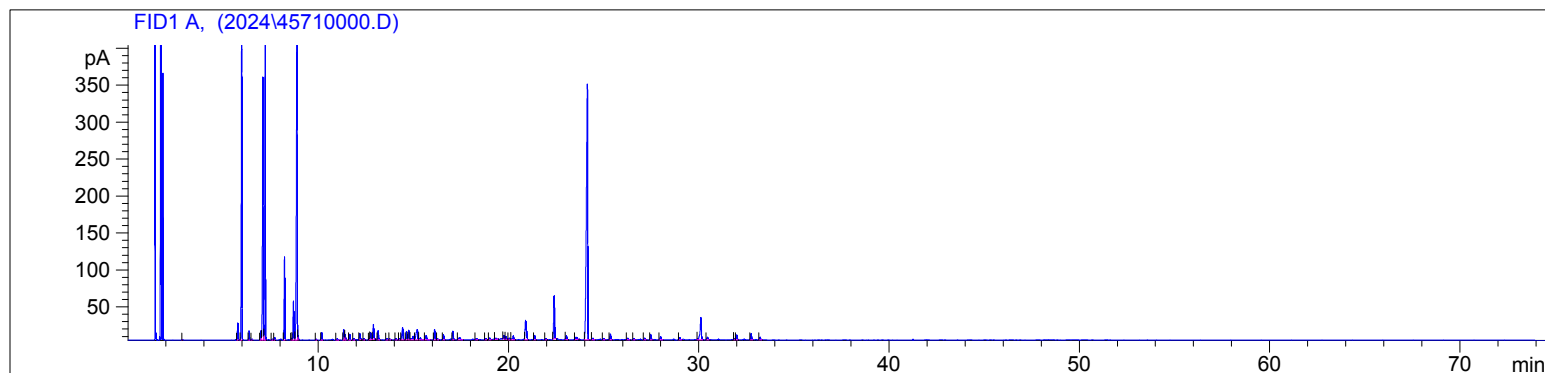
20:1 Split Ratio

5/16/2024 9:55:44 AM

5/16/2024

5/16/2024 9:55:44 AM

11:24:18 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		2.85	0.00	1.26	1.02	1.26	0.02
2	alpha thujene	5.76	0.00	50.42	23.06	50.42	0.62
3	alpha pinene	5.97	0.00	1033.83	444.84	1033.83	12.65
4	camphene	6.36	0.00	28.27	12.23	28.27	0.35
5		6.51	0.00	3.00	1.25	3.00	0.04
6		6.98	0.00	31.53	12.34	31.53	0.39
7	sabinene	7.09	0.00	1000.88	354.93	1000.88	12.25
8	beta pinene	7.20	0.00	1104.48	431.56	1104.48	13.52
9		7.57	0.00	3.41	1.41	3.41	0.04
10	myrcene	7.70	0.00	8.36	3.48	8.36	0.10
11	delta-3-carene	8.22	0.00	287.78	112.42	287.78	3.52
12		8.59	0.00	6.28	2.43	6.28	0.08
13	para cymene	8.69	0.00	149.70	52.62	149.70	1.83
14	d-limonene	8.88	0.00	1258.29	404.05	1258.29	15.40
15	1.8 cineole	8.93	0.00	11.24	5.60	11.24	0.14
16	gamma terpinene	9.89	0.00	3.85	1.38	3.85	0.05
17		10.19	0.00	29.23	10.43	29.23	0.36
18	terpinolene	11.00	0.00	6.39	1.50	6.39	0.08
19	linalool	11.35	0.00	41.07	13.86	41.07	0.50
20		11.42	0.00	23.76	7.73	23.76	0.29
21		11.66	0.00	23.62	7.76	23.62	0.29
22		11.87	0.00	7.57	2.32	7.57	0.09
23		12.20	0.00	26.19	8.18	26.19	0.32
24		12.41	0.00	7.14	1.81	7.14	0.09
25		12.69	0.00	4.99	1.93	4.99	0.06
26	camphor	12.76	0.00	30.38	9.37	30.38	0.37
27		12.91	0.00	65.58	19.92	65.58	0.80
28		13.15	0.00	38.80	12.44	38.80	0.47
29		13.62	0.00	7.53	2.05	7.53	0.09
30		13.76	0.00	4.90	1.55	4.90	0.06
31	terpin-4-ol	14.10	0.00	6.13	1.96	6.13	0.07
32		14.28	0.00	6.58	1.98	6.58	0.08
33		14.44	0.00	68.24	16.39	68.24	0.84
34	alpha terpineol	14.64	0.00	35.67	10.81	35.67	0.44
35		14.76	0.00	42.75	12.94	42.75	0.52
36		14.99	0.00	26.83	4.68	26.83	0.33
37		15.21	0.00	81.66	13.92	81.66	1.00
38		15.37	0.00	13.68	2.70	13.68	0.17
39		15.68	0.00	22.47	5.67	22.47	0.27
40		16.12	0.00	45.62	13.79	45.62	0.56

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#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
41		16.27	0.00	6.84	1.96	6.84	0.08
42		16.59	0.00	21.54	6.48	21.54	0.26
43		17.09	0.00	37.61	11.55	37.61	0.46
44		17.45	0.00	17.03	2.57	17.03	0.21
45		18.32	0.00	7.84	1.87	7.84	0.10
46		18.81	0.00	5.11	1.52	5.11	0.06
47		19.02	0.00	9.64	2.48	9.64	0.12
48		19.34	0.00	7.81	1.66	7.81	0.10
49		19.77	0.00	13.68	4.49	13.68	0.17
50		19.88	0.00	12.71	3.90	12.71	0.16
51		20.05	0.00	8.13	2.06	8.13	0.10
52		20.26	0.00	23.14	4.87	23.14	0.28
53		20.91	0.00	124.12	26.28	124.12	1.52
54		21.38	0.00	20.85	6.08	20.85	0.26
55	trans-piperitol acetate	21.96	0.00	6.03	1.74	6.03	0.07
56	alpha cubebene	22.41	0.00	194.82	57.96	194.82	2.38
57	alpha copaene	23.05	0.00	20.60	5.50	20.60	0.25
58	beta cubebene	23.55	0.00	13.83	2.97	13.83	0.17
59	beta caryophyllene	24.15	0.00	1631.79	343.85	1631.79	19.97
60		24.44	0.00	9.12	2.06	9.12	0.11
61	alpha humulene	25.00	0.00	7.12	1.85	7.12	0.09
62		25.36	0.00	27.24	7.50	27.24	0.33
63		26.28	0.00	8.45	1.91	8.45	0.10
64	gamma muurolene	26.60	0.00	5.31	1.50	5.31	0.07
65	germacrene D	27.16	0.00	8.88	2.51	8.88	0.11
66	beta selinene	27.49	0.00	23.15	6.81	23.15	0.28
67	beta bisabolene	28.00	0.00	17.23	4.07	17.23	0.21
68	delta cadinene	29.01	0.00	10.21	2.91	10.21	0.12
69	caryophyllene oxide	30.12	0.00	135.48	30.33	135.48	1.66
70		30.46	0.00	14.65	3.37	14.65	0.18
71		31.87	0.00	3.71	1.15	3.71	0.05
72		32.00	0.00	22.72	6.52	22.72	0.28
73		32.76	0.00	31.12	8.33	31.12	0.38
74		33.23	0.00	13.67	3.72	13.67	0.17





