

Sample Information

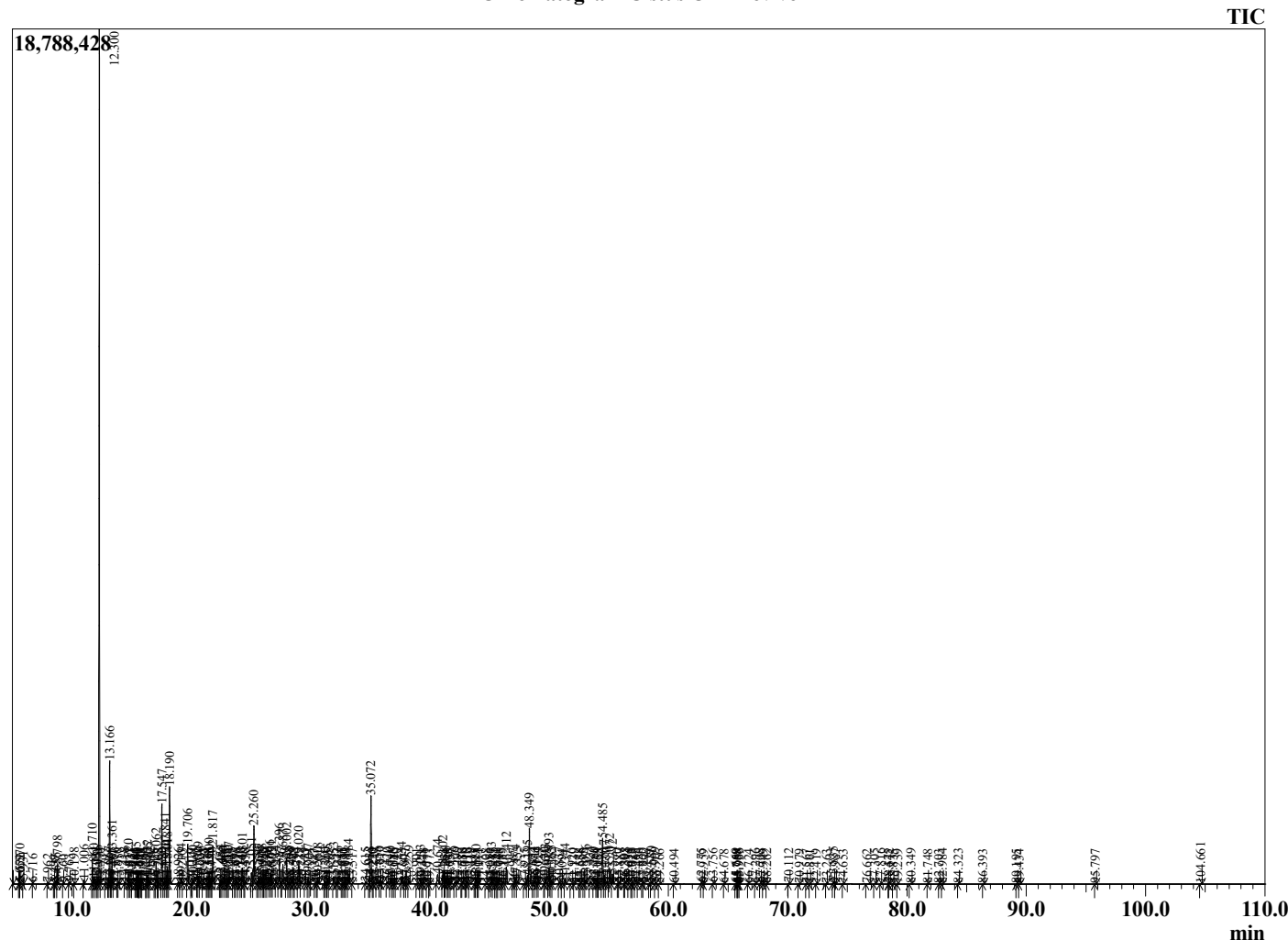
Analyzed by : Dr. Robert S. Pappas
Analyzed : 4/3/2023 9:06:59 PM
Sample Type : Essential Oil
Sample Name : Cistus Oil - Revive
Sample ID : 0P
Injection Volume : 0.10
Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
3.554	2-Methylfuran	0.01
3.870	2,4-Hexadiene	0.02
5.051	Unidentified	0.02
5.570	Unidentified	0.26
5.672	Unidentified	0.04
5.931	Toluene	0.10
6.716	Octane	0.02
7.962	6,6-Dimethylhepta-2,4-diene	0.04
8.499	2,5-Dimethylhex-5-en-3-yn-2-ol isomer	0.02
8.656	Unidentified	0.08
8.798	6,6-Dimethylhepta-2,4-diene	0.58
9.260	para-Xylene	0.02
9.763	Unidentified	0.08
10.198	Styrene	0.04
11.006	Dihydromyrcene analogue	0.13
11.710	Tricyclene	0.88
11.860	alpha-Thujene	0.19
12.031	Unidentified	0.10
12.176	Unidentified	0.11
12.300	alpha-Pinene	34.56
12.370	Unidentified	0.02
12.797	Thuja-2,4(10)diene analogue	0.02
13.067	alpha-Fenchene	0.09
13.166	Camphene	4.53
13.268	2-Octanone	0.05
13.361	Thuja-2,4(10)-diene	1.05
13.467	Unidentified	0.01
13.810	Benzaldehyde	0.02
13.958	6-Methyl hept-5-en-2-one	0.06
14.418	Sabinene	0.06
14.720	beta-Pinene	0.40
14.832	Unidentified	0.02
14.923	Unidentified	0.01
15.051	Unidentified	0.05
15.360	Myrcene	0.03
15.415	Unidentified	0.30
15.480	Unidentified	0.02
15.590	Unidentified	0.03
15.628	Mesitylene	0.03
15.713	Unidentified	0.04
15.773	Unidentified	0.02
15.908	Unidentified	0.03
16.209	Octanal	0.02
16.322	Unidentified	0.37
16.405	alpha-Phellandrene	0.27
16.562	para-Cymenene	0.10
16.926	1,4-Cineole	0.02
17.062	alpha-Terpinene	0.87
17.223	Unidentified	0.03
17.268	Unidentified	0.03
17.547	para-Cymene	3.45
17.630	Unidentified	0.06
17.841	Limonene	1.57
17.944	beta-Phellandrene	0.33
18.018	1,8-Cineole	0.71
18.190	2,2,6-Trimethyl-cyclohexanone	4.03
18.926	Unidentified	0.09
19.164	Unidentified	0.22
19.273	Unidentified	0.03
19.706	gamma-Terpinene	1.75
20.019	Unidentified	0.03
20.140	Acetophenone	0.15

Chromatogram Cistus Oil - Revive



Comments:

The analysis of this Cistus Oil batch sample meets the expected chemical profile for authentic essential oil of *Cistus ladanifer*. No contamination or adulteration was detected.

The results provided in this GCMS quality analysis reflect the chemical composition of the oil and lot referenced above on the date of analysis.

R.Time	Name	Area%
20.502	cis-Linalool oxide (furanoid)	0.02
20.609	Pinol	0.31
20.736	Unidentified	0.10
20.991	Unidentified	0.07
21.314	Unidentified	0.01
21.378	Unidentified	0.01
21.500	Terpinolene	0.46
21.595	Unidentified	0.04
21.730	Fenchone	0.06
21.817	para-Cymenene	1.92
22.454	Linalool	0.19
22.485	Unidentified	0.12
22.660	Unidentified	0.14
22.806	Nonanal	0.15
22.955	Unidentified	0.02
23.100	Unidentified	0.08
23.147	cis-Rose oxide	0.34
23.492	Unidentified	0.01
23.697	beta-Thujone	0.06
23.778	alpha-Fenchol	0.07
23.930	Chrysanthenone	0.01
24.146	Unidentified	0.02
24.301	alpha-Campholenal	0.80
24.490	Unidentified	0.02
24.538	Unidentified	0.09
25.051	trans-Non-3-en-2-one	0.59
25.260	trans-Pinocarveol	2.86
25.556	(E)-Tagetone	0.13
25.687	Camphor	0.28
25.918	alpha-Phellandrene-8-ol	0.27
25.975	Unidentified	0.09
26.055	(Z)-Tagetone	0.04
26.249	trans-beta-Terpineol	0.02
26.380	Sabina ketone	0.06
26.606	trans-Pinocamphone	0.42
26.731	Pinocarvone	0.41
26.805	Isoborneol	0.02
27.114	Unidentified	0.16
27.396	Borneol	1.33
27.536	Unidentified	0.01
27.687	Isopinocamphone	0.92
28.002	Terpinen-4-ol	1.25
28.208	Unidentified	0.07
28.267	4'-Methyl acetophenone	0.05
28.429	para-Cymen-8-ol + trans-Isocarveol	0.17
28.578	Unidentified	0.02
28.794	Isopinocampheol + Unidentified	0.10
29.020	Myrtenal	1.39
29.214	Unidentified	0.06
29.525	Bornyl formate	0.04
29.797	Verbenone	0.24
29.901	Unidentified	0.06
30.347	Unidentified	0.02
30.560	endo-Fenchyl acetate	0.04
30.618	trans-Carveol	0.30
31.201	Unidentified	0.17
31.310	Unidentified	0.10
31.435	(Z)-Ocimenone	0.28
31.505	cis-Carveol	0.04
31.953	Unidentified	0.43
32.222	Cuminal	0.04
32.316	Carvone	0.12
32.657	Carvotanacetone	0.05

R.Time	Name	Area%
32.731	Geraniol	0.04
32.830	Myrtenyl acetate analogue	0.03
32.989	Piperitone	0.03
33.184	Unidentified	0.49
33.517	Unidentified	0.04
34.615	Phellandral	0.07
34.938	trans-alpha-Necrodol acetate	0.11
35.072	Bornyl acetate	4.54
35.220	Unidentified	0.03
35.270	Unidentified	0.02
35.535	Unidentified	0.08
35.810	trans-Pinocarvyl acetate	0.12
35.977	Unidentified	0.12
36.420	Unidentified	0.08
36.710	Unidentified	0.14
36.888	Unidentified	0.01
37.010	Unidentified	0.01
37.140	Unidentified	0.01
37.634	Myrtenyl acetate	0.35
37.877	Neoverbanol acetate	0.09
37.997	para-Mentha-1,4-dien-7-ol	0.02
38.259	Unidentified	0.19
38.901	Unidentified	0.01
39.233	Ethyl hydrocinnamate	0.20
39.371	Unidentified	0.03
39.478	Eugenol	0.04
39.777	Unidentified	0.02
39.973	Unidentified	0.01
40.674	Cyclosativene	0.82
41.102	alpha-Copaene	0.76
41.256	Geranyl acetate	0.02
41.356	Unidentified	0.12
41.485	Unidentified	0.02
41.636	Unidentified	0.04
41.757	Unidentified	0.01
42.129	Unidentified + Sativene	0.14
42.299	Unidentified	0.05
42.680	Methyleugenol	0.01
42.738	Unidentified	0.04
43.010	Unidentified	0.02
43.118	alpha-Gurjunene	0.08
43.419	alpha-Dihydroionone	0.07
43.825	Unidentified	0.02
43.890	beta-Caryophyllene	0.22
44.013	Unidentified	0.02
44.111	Unidentified	0.00
44.708	Unidentified	0.02
45.056	Isopentyl benzoate	0.06
45.173	6,9-Guanidiene	0.33
45.285	Selinene analogue	0.07
45.521	3-Methyl-2-buten-1-ol benzoate	0.02
45.621	Unidentified	0.03
45.730	Cadina-3,5-diene	0.06
45.985	Unidentified	0.02
46.139	alpha-Humulene	0.03
46.412	Alloaromodendrene	0.90
46.987	Geranyl propionate	0.03
47.174	trans-Cadina-1(6),4-diene	0.23
47.353	gamma-Murolene	0.14
47.935	Unidentified	0.02
48.195	alpha-Guaiene	0.52
48.349	Viridiflorene	2.98
48.654	alpha-Selinene	0.05

R.Time	Name	Area%
48.811	alpha-Murolene	0.15
49.014	Unidentified	0.04
49.129	Unidentified	0.10
49.630	Unidentified	0.03
49.693	Unidentified	0.27
49.993	delta-Cadinene	0.93
50.185	cis-Calamenene	0.19
50.265	Zonarene	0.06
50.837	trans-Cadina-1,4-diene	0.09
51.094	Unidentified	0.01
51.344	alpha-Calacorene	0.29
51.920	Unidentified	0.04
52.139	Unidentified	0.03
52.578	Unidentified	0.02
52.656	Unidentified	0.01
52.895	Unidentified	0.01
53.076	Palustrol	0.24
53.434	Spathulenol	0.12
53.760	Caryophyllene oxide	0.10
53.974	Unidentified	0.03
54.063	Gleenol	0.03
54.158	Unidentified	0.02
54.485	Viridiflorol	2.56
54.617	Cubeban-11-ol	0.49
54.770	Unidentified	0.08
55.072	Ledol	0.83
55.312	Copaborneol	0.53
55.770	Unidentified	0.04
55.887	Unidentified	0.03
56.302	Unidentified	0.02
56.398	Epicubenol	0.08
56.654	Unidentified	0.02
56.913	Unidentified	0.01
57.020	Unidentified	0.05
57.265	Unidentified + alpha-Cadinol	0.05
57.456	delta-Cadinol	0.03
57.860	Unidentified	0.01
57.922	alpha-Eudesmol	0.06
58.429	Unidentified	0.01
58.580	Unidentified	0.14
58.909	Cadalene	0.07
59.266	Unidentified	0.02
60.494	Unidentified	0.02
62.775	Unidentified	0.06
62.959	Unidentified	0.01
63.756	Unidentified	0.04
64.678	Unidentified	0.01
65.669	Unidentified	0.03
65.759	Unidentified	0.01
65.788	Unidentified	0.01
65.906	Unidentified	0.03
65.955	Unidentified	0.03
66.724	Unidentified	0.01
67.296	Unidentified	0.03
67.708	Neophytadiene	0.04
67.949	Unidentified	0.01
68.262	Unidentified	0.02
70.112	Sclareoloxide	0.04
70.979	Unidentified	0.02
71.567	Unidentified	0.01
71.861	Unidentified	0.01
72.419	Benzyl hydrocinnamate	0.01
73.263	Unidentified	0.01

R.Time	Name	Area%
73.835	Unidentified	0.13
73.987	Unidentified	0.02
74.653	Unidentified	0.01
76.662	Unidentified	0.02
77.305	2-Phenylethyl 3-phenylpropionate	0.04
77.816	Unidentified	0.02
78.475	Unidentified	0.00
78.542	Unidentified	0.05
78.835	Unidentified	0.01
79.239	Unidentified	0.00
80.349	Unidentified	0.03
81.748	Unidentified	0.01
82.703	Unidentified	0.01
82.984	Unidentified	0.04
84.323	Unidentified	0.03
86.393	Unidentified	0.01
89.195	Unidentified	0.02
89.434	Unidentified	0.01
95.797	Unidentified	0.01
104.661	Unidentified	0.02
		100.00