

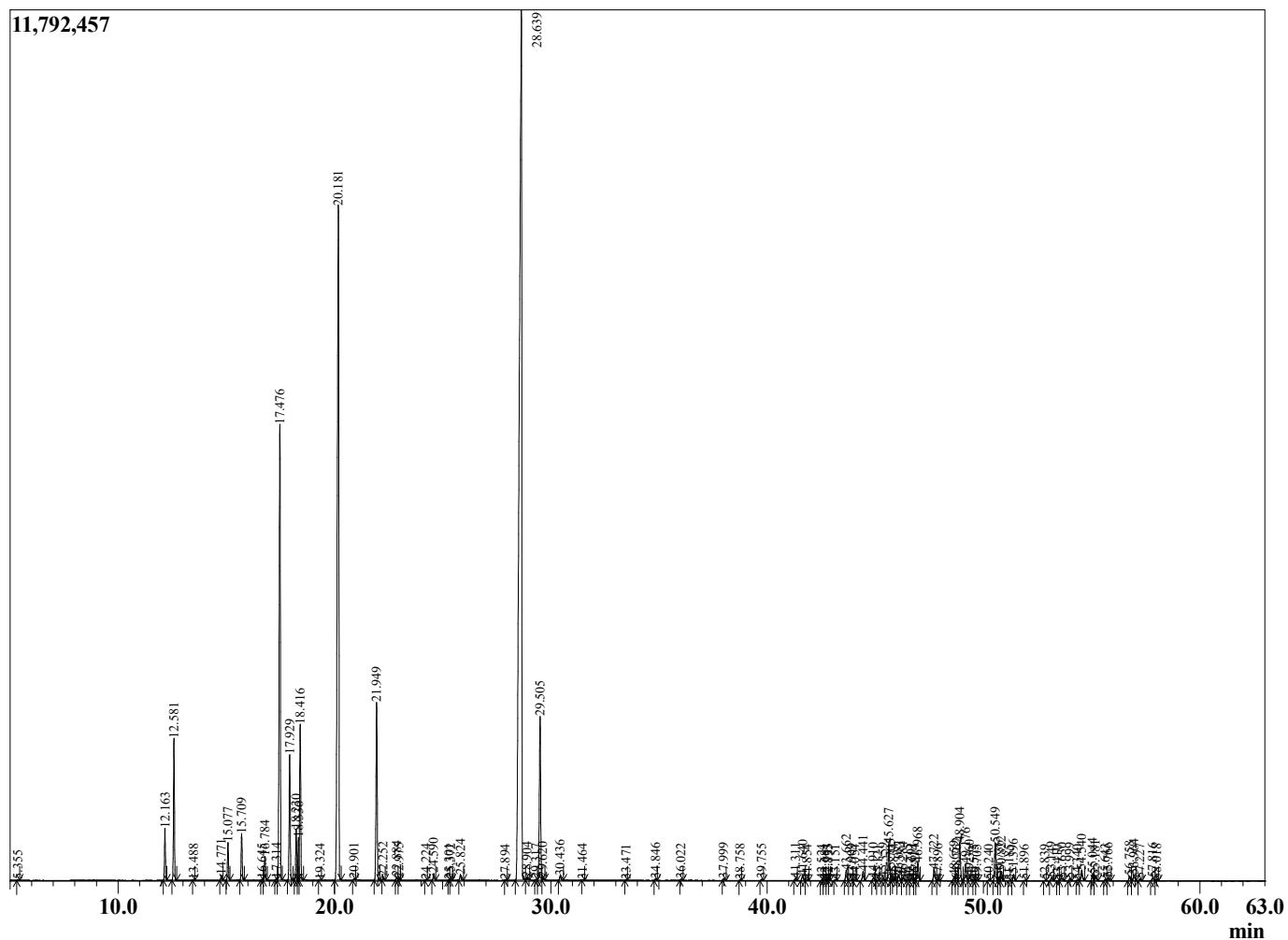
Sample Information

Sample Type : Essential Oil
Sample Name : Melaleuca alternifolia
Injection Volume : 0.10

Tea Tree
Lot# AUD43-DH
Country: Australia



Chromatogram Melaleuca alternifolia



R.Time	Name	Area%
4.219	2-Methylbutanal	0.02
5.355	Isobutyric acid	0.01
12.163	alpha-Thujene	0.87
12.581	alpha-Pinene	2.51
13.488	Camphene	0.01
14.771	Sabinene	0.09
15.077	beta-Pinene	0.71
15.709	Myrcene	0.88
16.645	Unidentified	0.02
16.784	alpha-Phellandrene	0.47
17.314	1,4-Cineole	0.03
17.476	alpha-Terpinene	10.13
17.929	para-Cymene	2.52
18.230	Limonene	1.05
18.336	beta-Phellandrene	0.80
18.416	1,8-Cineole	3.26
19.324	trans-beta-Ocimene	0.01
20.181	gamma-Terpinene	19.17
20.901	trans-Sabinene hydrate	0.03
21.949	Terpinolene	3.95
22.252	para-Cymenene	0.05
22.884	Linalool	0.07
22.975	cis-Sabinene hydrate	0.04
24.224	endo-Fenchol	0.01
24.590	cis-para-Menth-2-en-1-ol	0.15
25.301	Unidentified	0.01
25.372	Terpin-3-en-1-ol	0.02
25.824	trans-para-Menth-2-en-1-ol	0.13
27.894	Isoborneol	0.01
28.639	Terpinen-4-ol	40.38
28.904	para-Cymen-8-ol	0.06
29.317	Unidentified	0.02
29.505	alpha-Terpineol	3.90
29.620	cis-Piperitol	0.05
30.436	trans-Piperitol	0.11
31.464	Nerol	0.01
33.471	Piperitone	0.01
34.846	cis-Ascrinol glycol	0.03
36.022	trans-Ascrinol glycol	0.03
37.999	Unidentified	0.04
38.758	delta-Elementene	0.02
39.755	alpha-Cubebene	0.03
41.311	Isodene	0.05
41.640	alpha-Copaene	0.13
41.854	Unidentified	0.02
42.524	beta-Elementene	0.02
42.681	Vanillin	0.02
42.793	Unidentified	0.03
42.835	Unidentified	0.01
43.151	Methyleugenol	0.02
43.662	alpha-Gurjunene	0.28
43.909	Gurjunene isomer	0.04
44.054	Unidentified	0.02
44.441	beta-Caryophyllene	0.26
44.910	gamma-Maaliene	0.06
45.121	Calarene	0.01

R.Time	Name	Area%
45.359	alpha-Maaliene	0.07
45.627	beta-Copaene	0.99
45.705	Unidentified	0.16
45.834	Unidentified	0.02
46.081	alpha-Guaiene	0.15
46.284	trans-Murrola-3,5-diene	0.09
46.515	Valerna-4,7(11)-diene	0.03
46.691	alpha-Humulene	0.07
46.814	Unidentified	0.01
46.968	Alloaromodendrene	0.46
47.722	cis-Murrola-4(14),5-diene	0.32
47.896	gamma-Muurolene	0.03
48.659	delta-Selinene	0.12
48.762	beta-Selinene	0.20
48.904	Viridiflorene	0.99
49.176	Bicyclogermacrene	0.50
49.360	alpha-Muurolene	0.13
49.575	Unidentified	0.02
49.705	Unidentified	0.02
50.240	gamma-Cadinene	0.02
50.549	delta-Cadinene	0.98
50.736	cis-Calamenene	0.10
50.822	Zonarene	0.24
51.185	Unidentified	0.01
51.396	trans-Cadina-1,4-diene	0.16
51.896	alpha-Calacorene	0.01
52.839	Unidentified	0.01
53.149	Unidentified	0.09
53.410	Unidentified	0.01
53.630	Palustrol	0.08
53.999	Spathulenol	0.06
54.340	Unidentified	0.01
54.540	Viridiflorol	0.31
55.044	Globulol	0.18
55.181	Guaiol	0.13
55.643	Ledol	0.04
55.766	Rosifoliol	0.07
56.758	Unidentified	0.12
56.964	1-epi-Cubenol	0.16
57.227	Unidentified	0.05
57.816	Unidentified	0.09
58.018	alpha-Muurolene	0.03
		100.00