

Sample Information

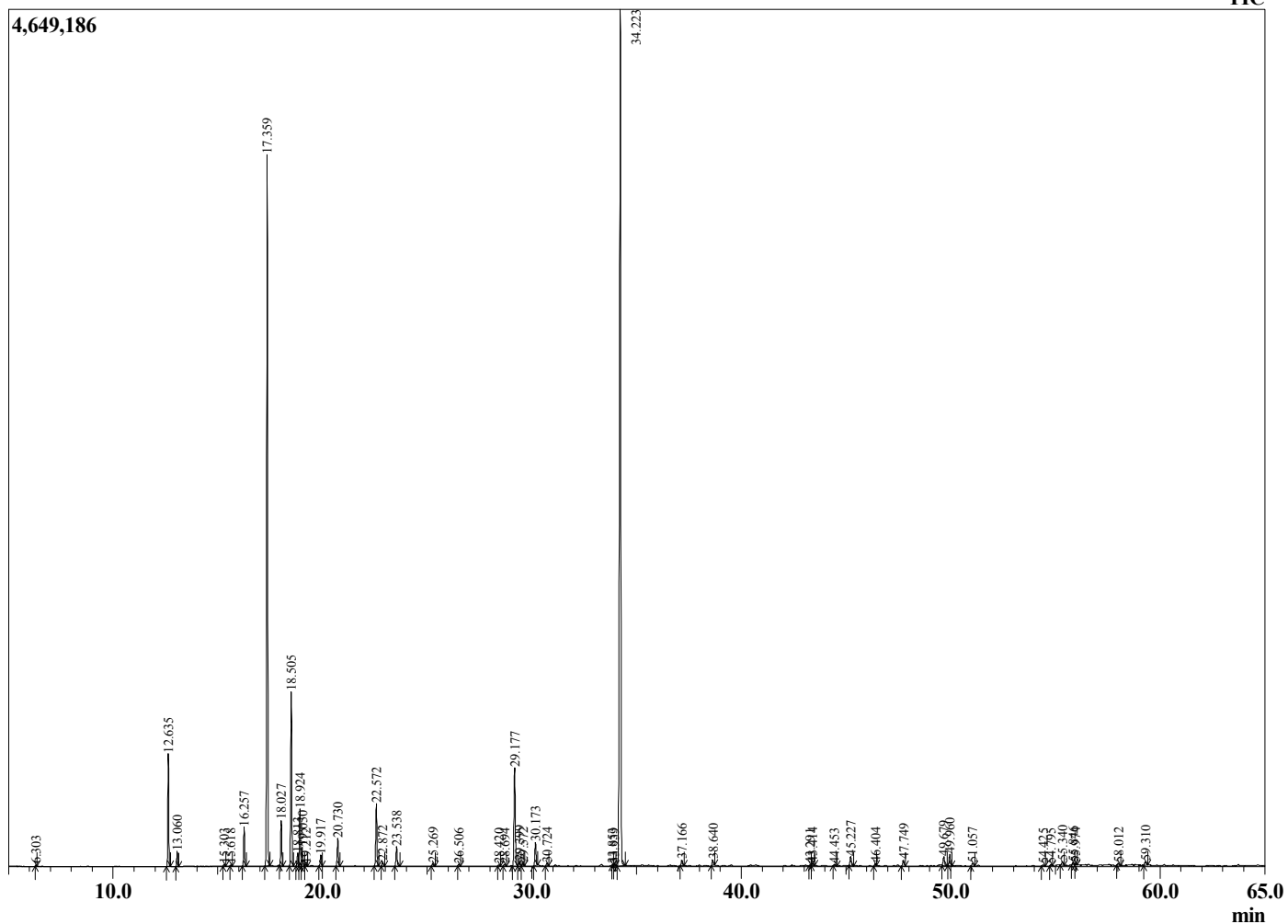
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 11/20/2019 11:47:24 PM
 Sample Type : Essential Oil
 Sample Name : Eucalyptus dives - Barefut
 Sample ID : 0102
 Injection Volume : 0.10
 Instrument ID : GC-2



Peak Report TIC

R.Time	Name	Area%
6.303	Toluene	0.03
12.635	alpha-Thujene	3.68
13.060	alpha-Pinene	0.50
15.303	Sabinene	0.08
15.618	beta-Pinene	0.04
16.257	Myrcene	1.41
17.359	alpha-Phellandrene	26.08
18.027	alpha-Terpinene	1.71
18.505	para-Cymene	6.56
18.813	Limonene	0.50
18.924	beta-Phellandrene	2.19
19.030	1,8-Cineole	0.74
19.212	Z-beta-Ocimene	0.06
19.917	E-beta-Ocimene	0.44
20.730	gamma-Terpinene	1.13
22.572	Terpinolene	2.56
22.872	Dehydro-p-cymene	0.16
23.538	Linalool	0.82
25.269	cis-p-Menth-2-en-1-ol	0.13
26.506	trans-p-Menth-2-en-1-ol	0.08
28.420	Unidentified	0.04
28.694	Unidentified	0.08
29.177	Terpinen-4-ol	4.46
29.399	Unidentified	0.18
29.572	p-Cymen-8-ol	0.11
30.173	alpha-Terpineol	1.02
30.724	Cymenol isomer	0.12
33.853	Unidentified	0.05
33.939	Nerol	0.06
34.223	Piperitone	41.35
37.166	Carvacrol	0.25
38.640	Unidentified	0.23
43.291	beta-Elemene	0.05
43.414	Unidentified	0.11
44.453	alpha-Gurjunene	0.08
45.227	beta-Caryophyllene	0.46
46.404	beta-Copaene	0.08
47.749	Alloaromadendrene	0.27
49.679	Viridiflorene	0.49
49.960	Bicyclogermacrene	0.57
51.057	Unidentified	0.15
54.425	Unidentified	0.08
54.795	Unidentified	0.07
55.340	Globulol	0.20
55.846	Viridiflorol	0.12
55.974	Guaiol	0.07
58.012	Unidentified	0.12
59.310	alpha-Cadinol	0.21
		100.00

Chromatogram Eucalyptus dives



Comments:

The analysis of this Eucalyptus dives batch sample meets the expected chemical profile for authentic essential oil of *Eucalyptus dives*. 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.