

Sample Information

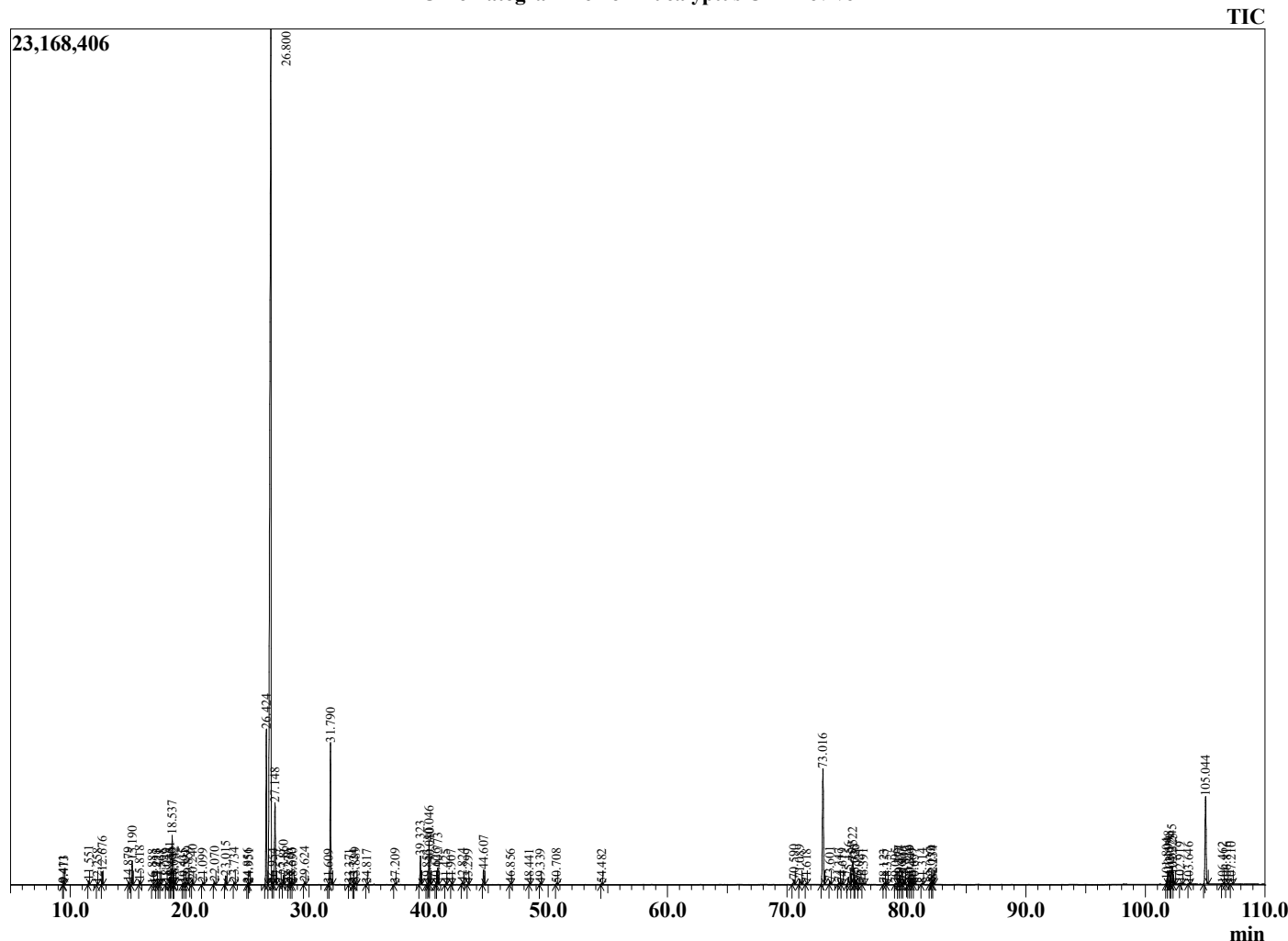
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 10/21/2022 4:15:35 PM
 Sample Type : Essential Oil
 Sample Name : Lemon Eucalyptus Oil - Revive
 Sample ID : 9H
 Injection Volume : 0.10
 Instrument ID: : GC-3



Peak Report TIC

R.Time	Name	Area%
3.728	4-Methylcyclopentene	0.02
4.142	3-Methylbutanal	0.02
9.411	1-Isopropyl-3-methylcyclopentane	0.01
9.473	1-Methyl-3-(1-methylethyl)-cyclopentane	0.02
11.551	Isobutyl isobutyrate	0.10
12.258	alpha-Thujene	0.03
12.676	alpha-Pinene	0.35
14.879	Sabinene	0.08
15.190	beta-Pinene	0.68
15.818	Myrcene	0.11
16.888	alpha-Phellandrene	0.02
17.213	Isoamyl isobutyrate	0.03
17.421	2-Methylbutyl isobutyrate	0.02
17.568	alpha-Terpinene	0.02
18.049	para-Cymene	0.04
18.351	Limonene	0.24
18.460	beta-Phellandrene	0.00
18.537	1,8-cineole	1.61
18.652	Dihydromyrcenol	0.08
18.742	cis-beta-Ocimene	0.10
19.435	trans-beta-Ocimene	0.04
19.591	Unidentified	0.02
19.859	2,6-Dimethyl-5-heptenal (Melonal)	0.12
20.240	gamma-Terpinene	0.16
21.099	para-Mentha-3,8-diene	0.06
22.070	Terpinolene	0.12
23.015	Linalool	0.29
23.734	cis-Rose oxide	0.08
24.856	trans-Rose oxide	0.03
24.951	Unidentified	0.05
26.424	Isopulegol	5.87
26.800	Citronellal	55.82
26.954	Isomenthone	0.06
27.148	Neoisopulegol	3.79
27.573	Unidentified	0.02
27.860	Isopulegol	0.32
28.276	Unidentified	0.02
28.503	Neoisopulegol	0.08
28.630	Terpinen-4-ol	0.05
29.624	alpha-Terpineol	0.10
31.609	Nerol	0.02
31.790	Citronellol	5.24
33.371	Geraniol	0.03
33.724	Unidentified	0.02
33.889	Methyl citronellate	0.10
34.817	Isopulegyl acetate	0.02
37.209	Citronellic acid	0.06
39.323	Citriodiol	1.06
39.853	alpha-Terpinyl acetate	0.02
40.046	Citronellyl acetate	1.66
40.080	Eugenol	0.26
40.626	Neryl acetate	0.04
40.773	Citriodiol isomer	0.63
41.425	Citriodiol isomer	0.02
41.907	Geranyl acetate	0.02
42.824	Unidentified	0.09
43.299	Methyleugenol	0.02
44.607	beta-Caryophyllene	0.58
46.856	alpha-Humulene	0.04
48.441	Germacrene D	0.02
49.339	Bicyclgermacrene	0.03
50.708	delta-Cadinene	0.05

Chromatogram Lemon Eucalyptus Oil - Revive



Comments:

The analysis of this Lemon Eucalyptus batch sample meets the expected chemical profile for authentic essential oil of *Eucalyptus citriodora*. 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%
54.482	Caryophyllene oxide	0.03
70.590	Unidentified	0.23
71.089	Unidentified	0.23
71.618	Unidentified	0.03
73.016	Citriodiol acetal	6.49
73.601	Citriodiol acetal isomer	0.13
74.347	Citriodiol acetal isomer	0.10
74.619	Unidentified	0.04
75.156	Unidentified	0.36
75.522	Citriodiol acetal isomer	1.60
75.635	Citriodiol acetal isomer	0.17
75.720	Citriodiol acetal isomer	0.18
76.021	Citriodiol acetal isomer	0.08
76.391	Unidentified	0.07
78.123	Citriodiol acetal isomer	0.03
78.357	Citriodiol acetal isomer	0.03
79.095	Unidentified	0.05
79.377	Citriodiol acetal isomer	0.16
79.474	Unidentified	0.26
79.607	Unidentified	0.04
79.806	Unidentified	0.13
80.216	Unidentified	0.15
80.319	Unidentified	0.18
80.469	Citriodiol acetal isomer	0.03
80.657	Citriodiol acetal isomer	0.02
81.314	Unidentified	0.04
82.037	Unidentified	0.10
82.179	Unidentified	0.17
82.234	Unidentified	0.15
101.804	Citriodiol acetal isomer	0.18
101.948	Citriodiol acetal isomer	0.89
102.071	Unidentified	0.35
102.245	Citriodiol acetal isomer	0.96
102.325	Citriodiol acetal isomer	0.36
102.919	Citriodiol acetal isomer	0.08
103.646	Unidentified	0.03
105.044	Unidentified	5.09
106.462	Unidentified	0.02
106.816	Unidentified	0.02
107.210	Unidentified	0.03
		100.00