

Sample Information

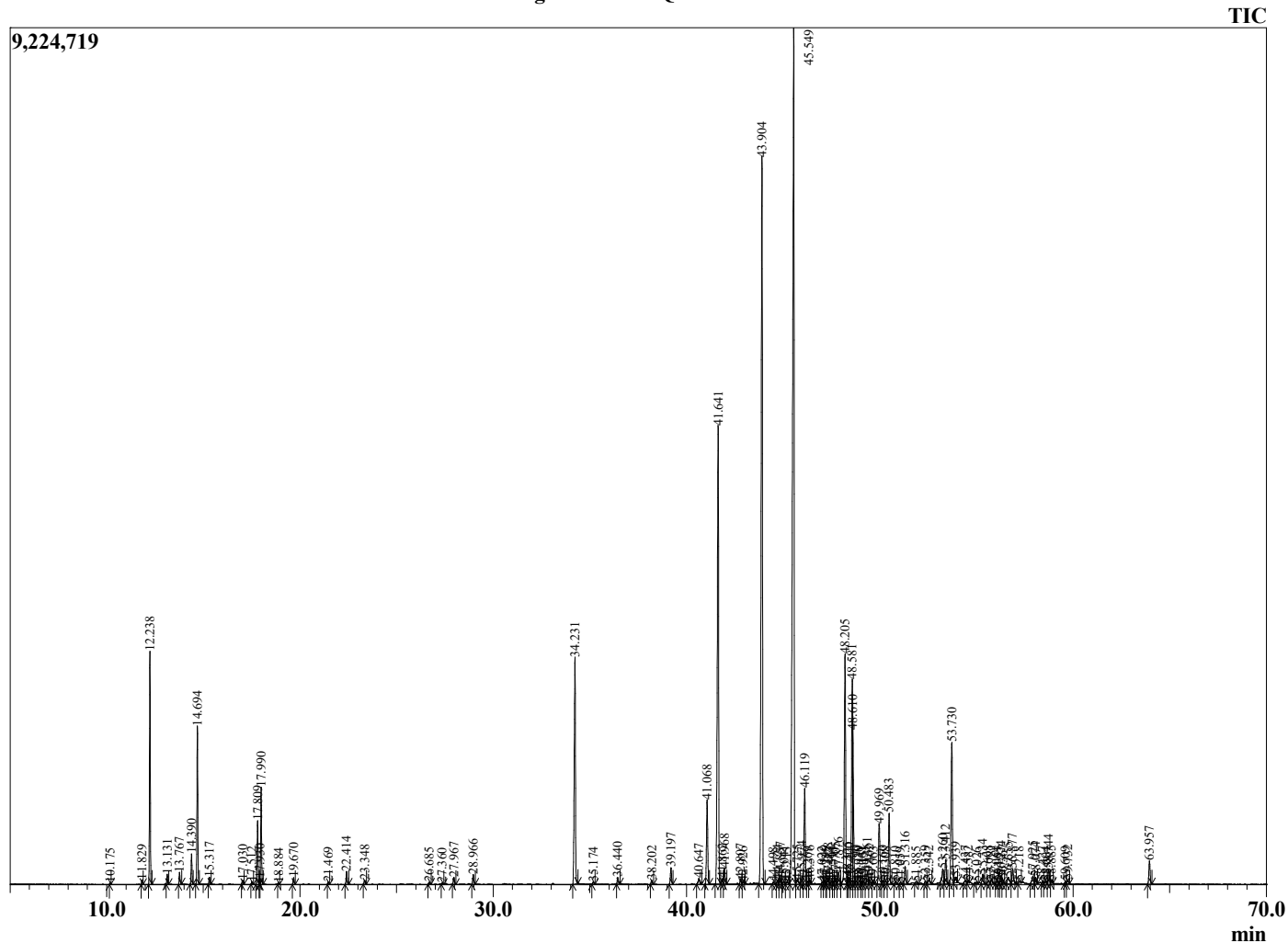
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 4/4/2023 6:31:16 AM
 Sample Type : Essential Oil
 Sample Name : Ocotea Quixos Oil - Revive
 Sample ID : 4AA
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
10.175	Styrene	0.02
11.829	alpha-Thujene	0.07
12.238	alpha-Pinene	3.41
13.131	Camphene	0.15
13.767	Benzaldehyde	0.19
14.390	Sabinene	0.48
14.694	beta-Pinene	2.46
15.317	Myrcene	0.12
17.030	alpha-Terpinene	0.07
17.512	para-Cymene	0.04
17.809	Limonene	1.11
17.930	beta-Phellandrene	0.05
17.990	1,8-Cineole	1.65
18.884	trans-beta-Ocimene	0.02
19.670	gamma-Terpinene	0.12
21.469	Terpinolene	0.04
22.414	Linalool	0.24
23.348	4,8-Dimethyl nona-1,3,7-triene	0.08
26.685	Hydrocinnamaldehyde	0.04
27.360	Borneol	0.02
27.967	Terpinen-4-ol	0.14
28.966	alpha-Terpineol	0.20
34.231	(E)-Cinnamaldehyde	4.90
35.174	(E)-Anethole	0.05
36.440	(E)-Cinnamyl alcohol	0.14
38.202	delta-Elemene	0.09
39.197	alpha-Cubebene	0.36
40.647	Isodene	0.16
41.068	alpha-Copaene	1.84
41.641	(E)-Methyl cinnamate	11.01
41.862	beta-Cubebene	0.13
41.968	beta-Elemene	0.34
42.807	cis-alpha-Bergamotene	0.11
42.926	cis-beta-Caryophyllene	0.06
43.904	beta-Caryophyllene	17.37
44.498	gamma-Elementen	0.04
44.724	trans-alpha-Bergamotene	0.10
44.857	alpha-Guaiane	0.15
45.041	Aromadendrene	0.07
45.215	Unidentified	0.07
45.549	(E)-Cinnamyl acetate	24.61
45.725	Unidentified	0.15
45.974	trans-beta-Farnesene	0.19
46.119	alpha-Humulene	2.16
46.269	Unidentified	0.06
46.376	Unidentified	0.09
47.022	4,5-di-epi-Aristolochene	0.04
47.149	10-beta-H-Cadina-1(6),4-diene	0.08
47.235	Unidentified	0.02
47.328	trans-Cadina-1(6),4-diene	0.13
47.514	gamma-Curcumene	0.05
47.591	alpha-Amorphene	0.06
47.705	Germacrene D	0.15
47.876	Selina-4,11-diene	0.28
48.205	beta-Selinene	5.32
48.325	Viridiflorene	0.13
48.400	Valencene	0.15
48.581	(E)-Methyl isoeugenol	4.23
48.610	Bicyclogermacrene	1.82
48.790	alpha-Murolene	0.08
48.930	cis-alpha-Bisabolene	0.09
49.061	Unidentified	0.06

Chromatogram Ocotea Quixos Oil - Revive



Comments:

The analysis of this Ishpink batch sample meets the expected chemical profile for authentic essential oil of *Ocotea quixos*. 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%
49.151	(E,E)-alpha-Farnesene	0.07
49.361	beta-Bisabolene	0.27
49.462	beta-Curcumene	0.11
49.663	gamma-Cadinene	0.05
49.969	delta-Cadinene	1.55
50.160	trans-Calamenene	0.08
50.308	beta-Sesquiphellandrene	0.09
50.483	trans-gamma-Bisabolene	1.61
50.810	trans-Cadina-1,4-diene	0.06
51.059	Unidentified	0.03
51.316	alpha-Calacorene	0.41
51.885	Unidentified	0.06
52.359	Germacrene B	0.06
52.542	beta-Calacorene	0.15
53.260	Dendaralasin	0.42
53.412	Spathulenol	0.55
53.730	Caryophyllene oxide	3.39
53.939	Globulol	0.18
54.437	Viridiflorol	0.09
54.582	Guaiol	0.06
55.026	Ledol	0.07
55.334	Humulene epoxide II	0.24
55.608	Tetradecanal	0.08
55.781	Intermedeol	0.10
56.061	Humulane-1,6-dien-3-ol	0.05
56.155	Rosifoliol	0.03
56.274	Unidentified	0.19
56.367	1-Epicubenol	0.09
56.655	Unidentified	0.25
56.877	Caryophylla-4(12),8(13)-dien-5-beta-ol	0.40
57.218	Unidentified	0.06
57.925	14-Hydroxy-9-epi-Z-Caryophyllene	0.22
58.074	Selin-11-en-4-alpha-ol	0.14
58.427	Intermedeol	0.04
58.604	Unidentified	0.05
58.744	Unidentified	0.34
58.885	Cadalene	0.06
59.609	epi-alpha-Bisabolol	0.04
59.732	alpha-Bisabolol	0.09
63.957	Benzyl benzoate	0.52
		100.00