

Sample Information

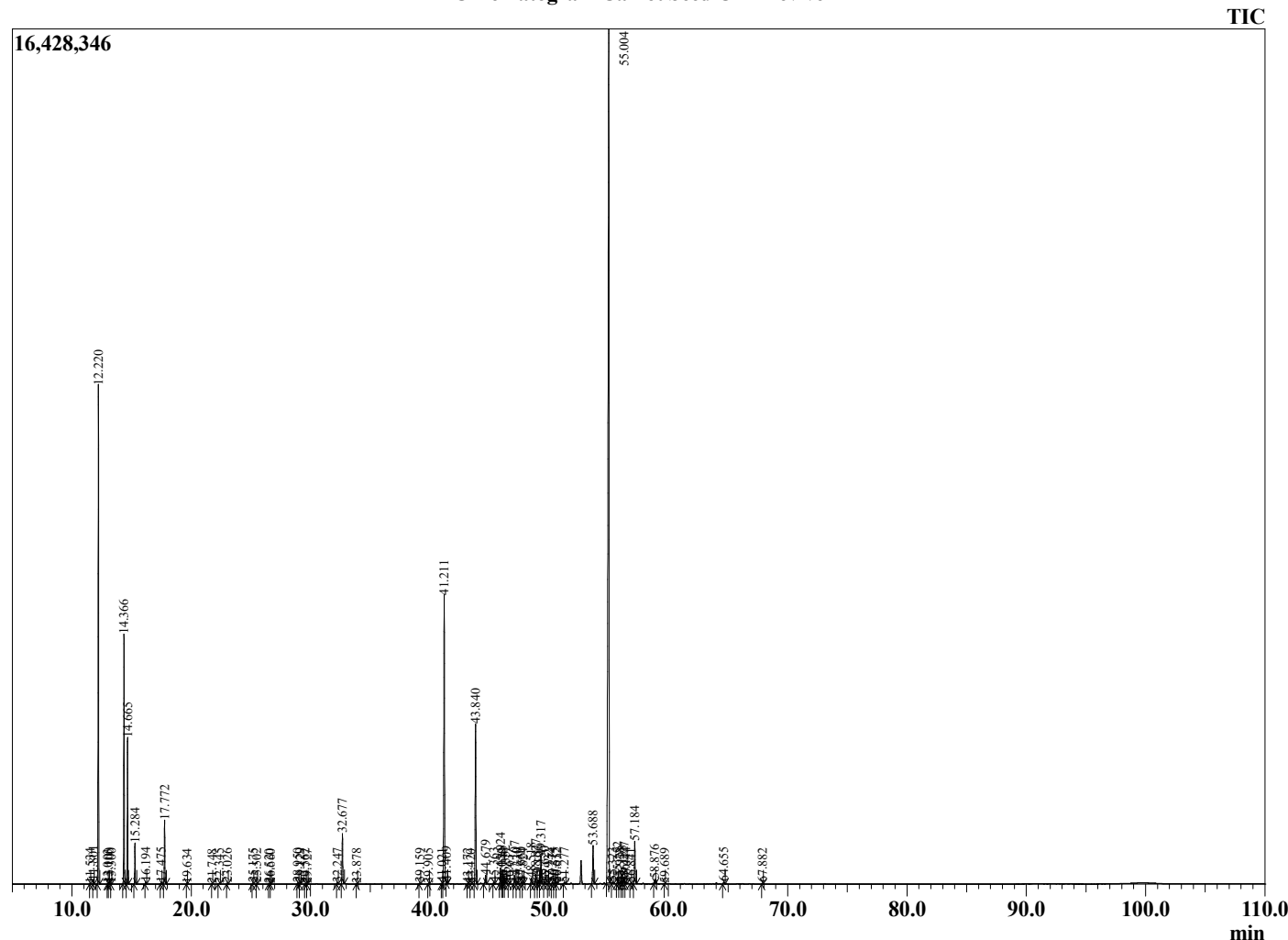
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/14/2023 8:50:38 PM
 Sample Type : Essential Oil
 Sample Name : Carrot Seed Oil - Revive
 Sample ID : 8M
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
11.534	unidentified	0.02
11.801	alpha-Thujene	0.08
12.220	alpha-Pinene	12.73
13.003	alpha-Fenchene	0.01
13.100	Camphene	0.03
13.300	Thuja-2,4(10)-diene	0.01
14.366	Sabinene	6.76
14.665	beta-Pinene	3.98
15.284	Myrcene	1.13
16.194	Pseudolimonene	0.05
17.475	para-Cymene	0.04
17.772	Limonene	1.86
19.634	gamma-Terpinene	0.01
21.748	para-cymenene	0.01
22.345	alpha-Pinene oxide	0.04
23.026	Thujol	0.03
25.175	trans-Pinocarveol	0.03
25.502	trans-Verbenol	0.03
26.520	trans-2-Nonenal	0.01
26.660	Pinocarpone	0.01
28.950	Myrtenol	0.05
29.129	cis-dihydrocarvone	0.03
29.562	trans-dihydrocarvone	0.02
29.727	2-Pinen-4-one	0.01
32.247	Carvone	0.04
32.677	Geraniol	1.71
33.878	Geranial	0.02
39.159	exo-Arbozol	0.03
39.905	Neryl acetate	0.02
41.021	alpha-Copaene	0.03
41.211	Geranyl acetate	11.18
41.409	epi-Nootkatol	0.04
43.172	Junipene	0.01
43.420	alpha-cis-Bergamotene	0.01
43.840	beta-Caryophyllene	6.28
44.679	alpha-trans-Bergamotene	0.36
45.363	Acora-2,4(15)-diene	0.06
45.924	trans-beta-Farnesene	0.58
46.070	alpha-Humulene	0.04
46.148	unidentified	0.03
46.352	unidentified	0.13
46.637	unidentified	0.02
47.107	cis-Cadina-1(6),4-diene	0.35
47.330	unidentified	0.02
47.660	Ar-Curcumene	0.07
47.824	unidentified	0.03
48.518	methyl-cis-Isoeugenol	0.23
48.877	unidentified	0.39
49.106	unidentified	0.15
49.317	beta-Bisabolene	1.07
49.620	unidentified	0.08
49.932	delta-Cadinene	0.01
50.274	Sesquisabinene	0.06
50.515	Dauca-4(11),8-diene	0.06
50.652	trans-Calamenene	0.04
51.277	trans-alpha-Bisabolene	0.05
53.688	Caryophyllene oxide	1.57
55.004	Carotol	45.35
55.323	unidentified	0.08
55.752	unidentified	0.23
55.928	Germacrone	0.06
56.133	unidentified	0.14

Chromatogram Carrot Seed Oil - Revive



Comments:

The analysis of this Carrot Seed batch sample meets the expected chemical profile for authentic essential oil of *Daucus carota*. 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%
56.277	unidentified	0.29
56.444	unidentified	0.08
56.841	Caryophylla-4(12),8(13)-dien-5-alpha-ol	0.02
57.184	Daucol	1.68
58.876	unidentified	0.20
59.689	alpha-Bisabolol	0.02
64.655	unidentified	0.09
67.882	Phytone	0.03
		100.00