

Sample Information

Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 8/23/2019 4:23:14 AM  
 Sample Type : Essential Oil  
 Sample Name : Carrot Seed - Edens Garden  
 Sample ID : AI15HF  
 Injection Volume : 0.10  
 Instrument ID : GC-2

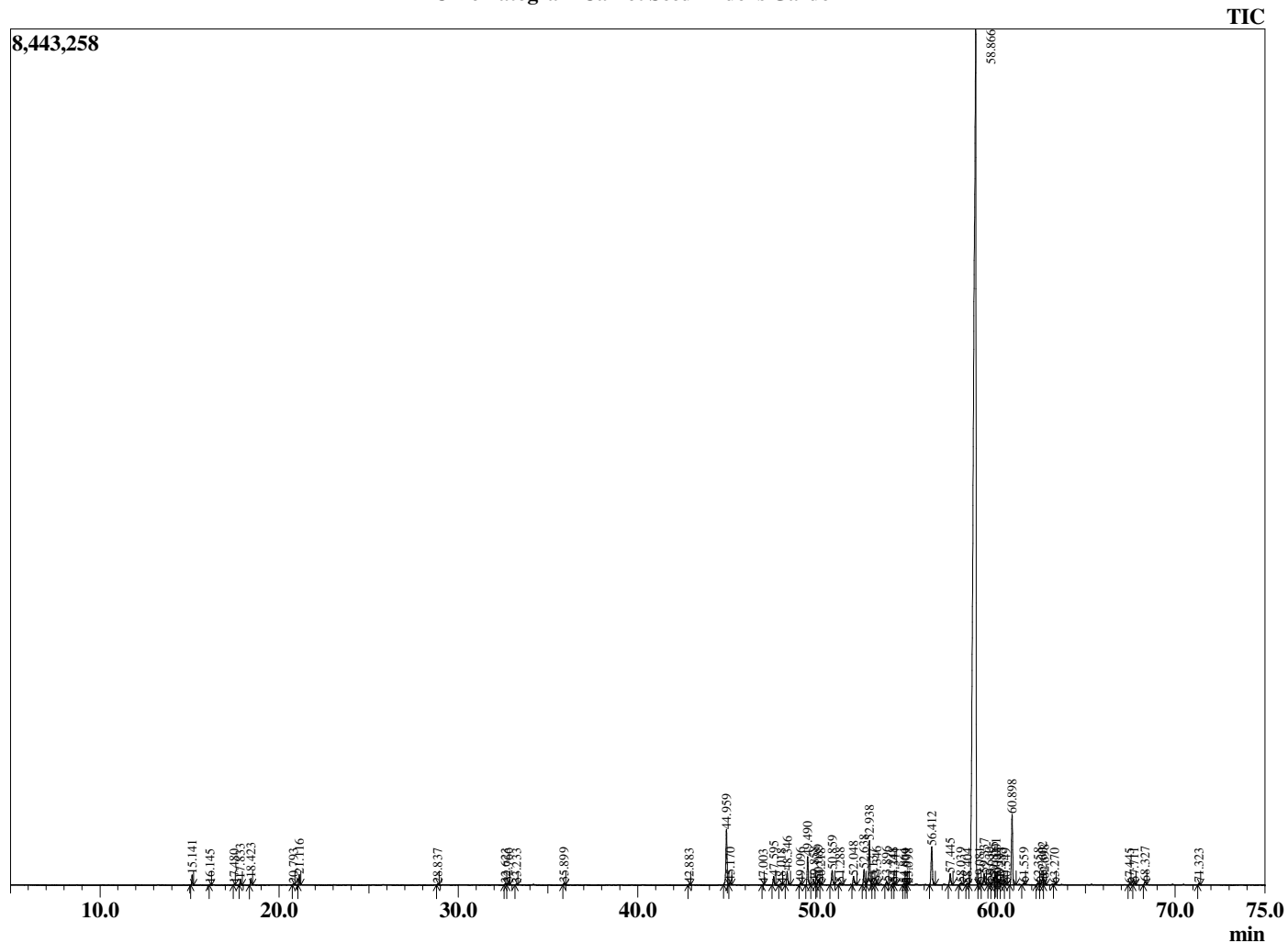


Peak Report TIC

R.Time	Name	Area%
15.141	alpha-Pinene	0.31
16.145	Camphene	0.02
17.480	Sabinene	0.02
17.833	beta-Pinene	0.20
18.423	Myrcene	0.22
20.793	para-Cymene	0.05
21.116	Limonene	0.36
28.837	trans-Pinocarveol	0.04
32.623	Myrtenal	0.05
32.766	cis-Dihydrocarvone	0.06
33.233	trans-Dihydrocarvone	0.04
35.899	Carvone	0.07
42.883	Unidentified	0.04
44.959	Daucene	2.43
45.170	Unidentified	0.12
47.003	Junipene	0.03
47.595	beta-Caryophyllene	0.36
48.018	Unidentified	0.07
48.346	trans-alpha-Bergamotene	0.59
49.096	beta-Santalene	0.09
49.490	(E)-beta-Farnesene	1.18
49.858	Unidentified	0.18
50.089	Unidentified	0.24
50.218	Unidentified	0.07
50.859	Dauca-5,8-diene	0.72
51.288	Ar-Curcumene	0.11
52.048	trans-Methyl isoeugenol	0.41
52.638	Isodaucene	0.66
52.938	beta-Bisabolene	2.16
53.137	Unidentified	0.04
53.346	Unidentified	0.14
53.896	beta-Sesquiphellandrene	0.14
54.248	Dauca-4(11),8-diene	0.09
54.344	cis-Calamenene	0.06
54.864	trans-alpha-Bisabolene	0.04
54.979	Unidentified	0.04
55.098	Unidentified	0.03
56.412	Isoshyobunone	1.87
57.445	Caryophyllene oxide	0.52
58.039	Unidentified	0.11
58.404	Unidentified	0.06
58.866	Carotol	79.75
59.081	Unidentified	0.12
59.337	Apiole	0.49
59.630	Unidentified	0.11
59.855	Unidentified	0.37
60.001	Unidentified	0.51
60.147	Unidentified	0.18
60.285	Unidentified	0.10
60.549	Unidentified	0.04
60.898	Daucol	3.13
61.559	14-Hydroxy-9-epi-Z-Caryophyllene	0.07
62.358	14-Hydroxy-9-epi-E-Caryophyllene	0.11
62.602	Unidentified	0.41
62.698	Unidentified	0.22
63.270	alpha-Bisabolol	0.03
67.445	Unidentified	0.03
67.711	Unidentified	0.10
68.327	Unidentified	0.16
71.323	Phytone	0.07
		100.00

This report is valid for 1 year from the analyzed date.

Chromatogram Carrot Seed - Edens Garden



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.