

Sample Information

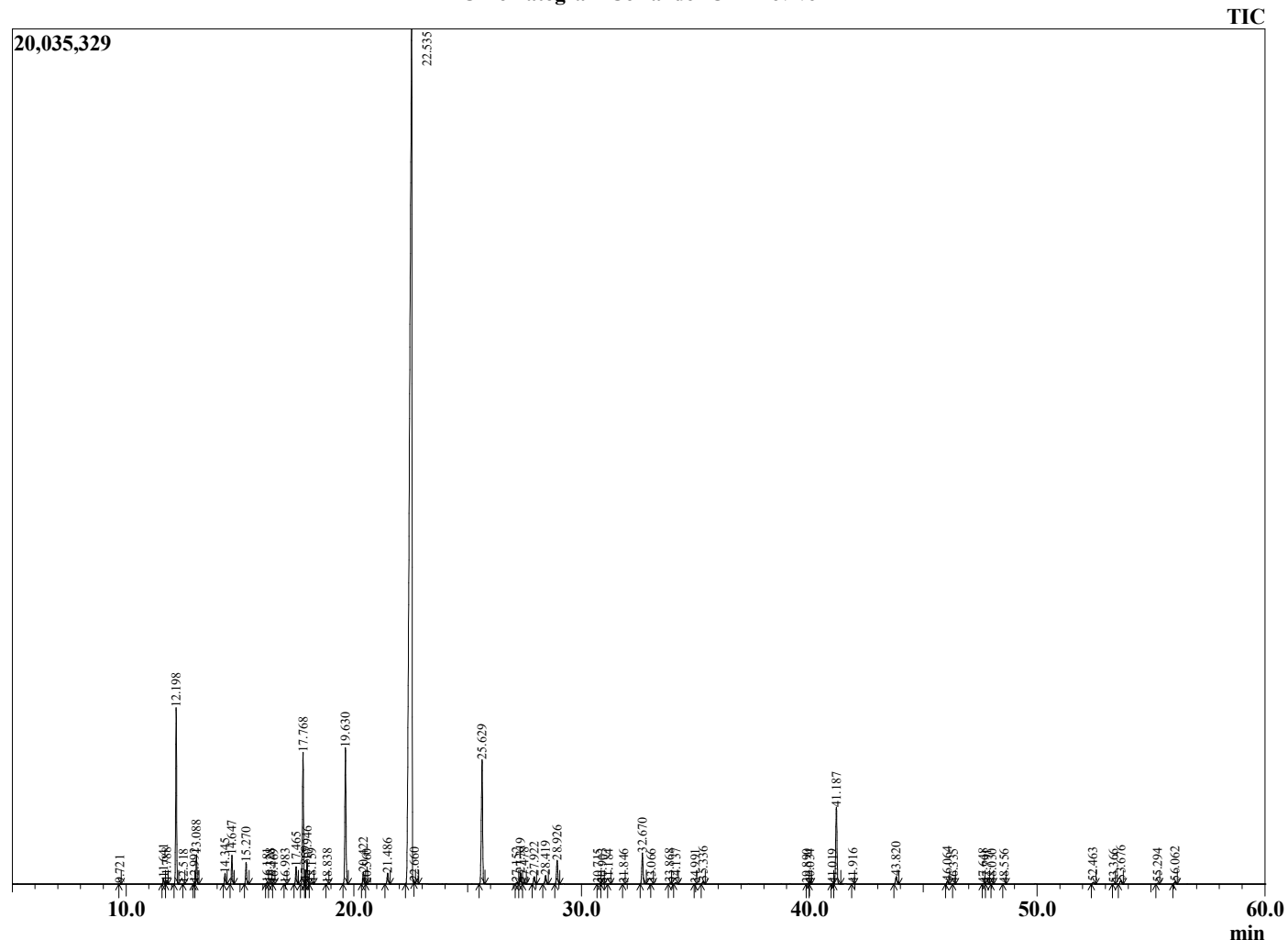
Analyzed by : Dr. Robert S. Pappas
 Analyzed : 3/14/2023 4:58:57 PM
 Sample Type : Essential Oil
 Sample Name : Coriander Oil - Revive
 Sample ID : 4Q
 Injection Volume : 0.10
 Instrument ID: : GC-4



Peak Report TIC

R.Time	Name	Area%
9.721	Unidentified	0.01
11.641	Tricyclene	0.17
11.788	alpha-Thujene	0.05
12.198	alpha-Pinene	5.37
12.518	Fenchene analogue	0.00
12.992	alpha-Fenchene	0.02
13.088	Camphene	0.90
14.345	Sabinene	0.35
14.647	beta-Pinene	0.96
15.270	Myrcene	0.73
16.181	Pseudolimonene	0.04
16.328	alpha-Phellandrene	0.03
16.469	delta-3-Carene	0.01
16.983	alpha-Terpinene	0.02
17.465	para-Cymene	0.62
17.768	Limonene	4.68
17.869	beta-Phellandrene	0.08
17.946	1,8-Cineole	0.86
18.159	cis-beta-Ocimene	0.05
18.838	trans-beta-Ocimene	0.02
19.630	gamma-Terpinene	4.99
20.422	cis-Linalool oxide (furanoid)	0.46
20.560	Pinol	0.01
21.486	trans-Linalool oxide (furanoid)	0.45
22.535	Linalool	65.74
22.660	Hotrienol	0.01
25.629	Camphor	5.17
27.152	cis-Linalool oxide (pyranoid)	0.06
27.319	Borneol	0.46
27.478	trans-Linalool oxide (pyranoid)	0.06
27.922	Terpinen-4-ol	0.31
28.419	Hex-(3Z)-enyl butyrate	0.36
28.926	alpha-Terpineol	0.98
30.715	Unidentified	0.01
30.903	Nerol	0.02
31.184	Unidentified	0.01
31.846	Neral	0.01
32.670	Geraniol	1.28
33.066	Unidentified	0.01
33.868	Geranial	0.03
34.137	2,6-Dimethyl-1,7-octadiene-3,6-diol	0.06
34.991	Isobornyl acetate	0.01
35.336	Safrole	0.11
39.890	Neryl acetate	0.01
40.034	cis-8-Hydroxylinalool	0.01
41.019	alpha-Copaene	0.02
41.187	Geranyl acetate	3.35
41.916	beta-Elementene	0.02
43.820	trans-beta-Caryophyllene	0.35
46.064	alpha-Humulene	0.12
46.335	Alloaromadendrene	0.01
47.648	Germacrene D	0.02
47.791	Unidentified	0.02
48.030	Cadina-1(6),4-diene	0.01
48.556	Unidentified	0.02
52.463	trans-Nerolidol	0.08
53.366	Spathulenol	0.02
53.676	Caryophyllene oxide	0.18
55.294	Humulene epoxide II	0.04
56.062	Selina-6-en-4-ol	0.13
		100.00

Chromatogram Coriander Oil - Revive



Comments:

The analysis of this Coriander Seed batch sample meets the expected chemical profile for authentic essential oil of *Coriandrum sativum*. 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.