

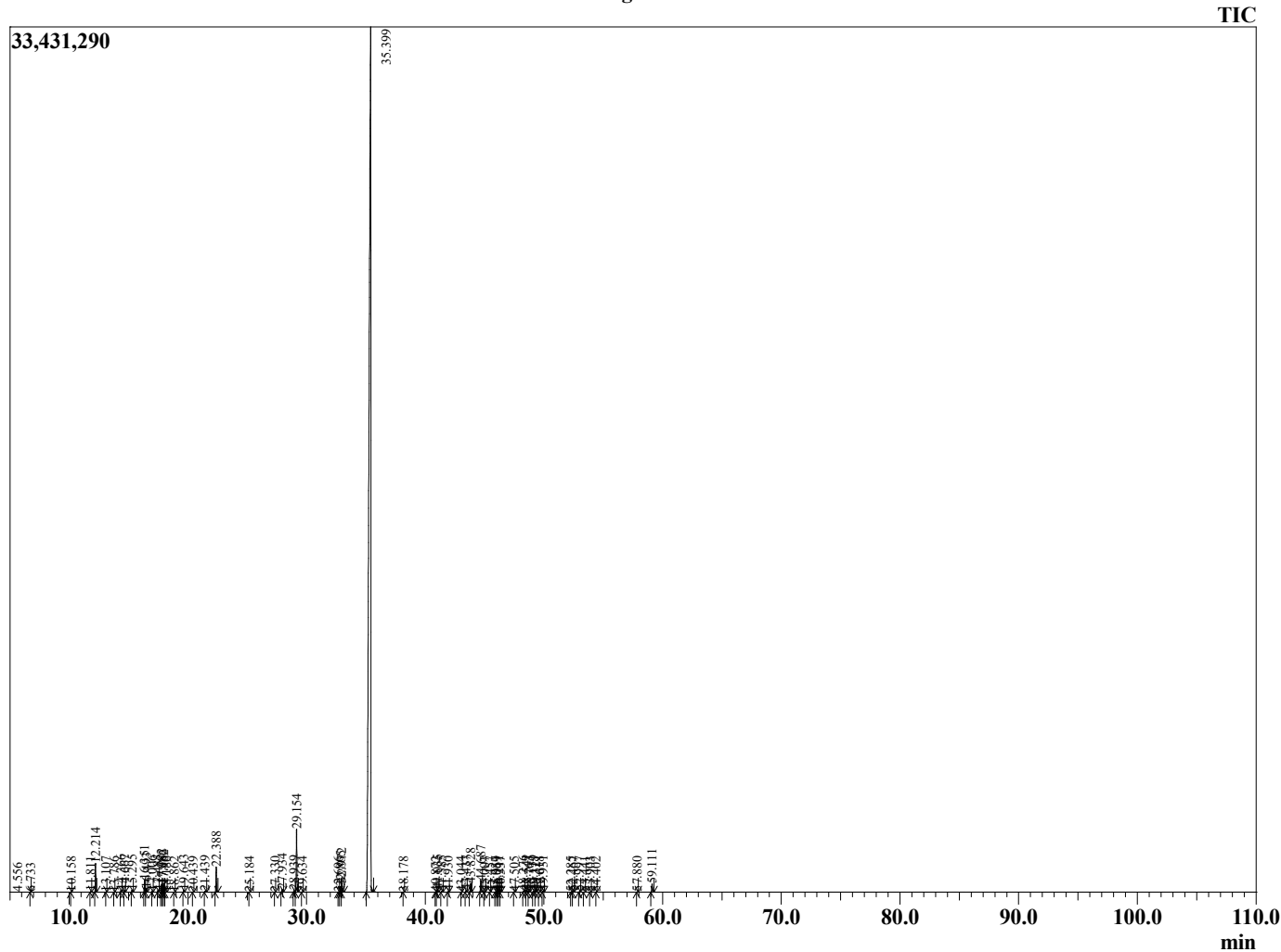
Sample Information

Analyzed by : TW  
 Analyzed : 7/12/2023 7:27:46 PM  
 Sample Type : Essential Oil  
 Sample Name : Star Anise  
 Injection Volume : 0.10  
 Lot Number : 12786  
 Instrument ID : GC-4

Peak Report TIC

R.Time	Name	Area%
4.023	3-Methylbutanal	0.00
4.127	2-Methylbutanal	0.00
4.556	Sorbaldehyde	0.00
6.733	Hexanal	0.00
10.158	Styrene	0.01
11.811	alpha-Thujene	0.02
12.214	alpha-Pinene	0.84
13.107	Camphene	0.01
13.786	Benzaldehyde	0.00
14.366	Sabinene	0.06
14.667	beta-Pinene	0.06
15.295	Myrcene	0.07
16.351	alpha-Phellandrene	0.40
16.493	delta-3-Carene	0.13
17.006	alpha-Terpinene	0.05
17.485	para-Cymene	0.07
17.782	Limonene	0.28
17.886	beta-Phellandrene	0.25
17.962	1,8-Cineole	0.24
18.186	cis-beta-Ocimene	0.01
18.862	trans-beta-Ocimene	0.01
19.643	gamma-Terpinene	0.06
20.439	cis-Linalool oxide (furanoid)	0.01
21.439	Terpinolene	0.04
22.388	Linalool	0.94
25.184	trans-Pinocarveol	0.01
27.330	Borneol	0.00
27.934	Terpinen-4-ol	0.11
28.939	alpha-Terpineol	0.06
29.154	Estragole	2.49
29.634	para-Propyl anisole	0.01
32.696	Geraniol	0.01
32.865	(Z)-Anethole	0.23
32.972	para-Anisaldehyde	0.38
35.399	Estragole	91.02
38.178	delta-Elementene	0.01
40.872	para-Methyl anisate	0.01
41.035	alpha-Copaene	0.11
41.385	Anisyl methyl ketone	0.05
41.930	beta-Elementene	0.02
43.044	alpha-Gurjunene	0.01
43.437	cis-alpha-Bergamotene	0.06
43.828	beta-Caryophyllene	0.38
44.687	trans-alpha-Bergamotene	0.52
45.007	Aromadendrene	0.03
45.457	Unidentified	0.01
45.937	trans-beta-Farnesene	0.02
46.069	alpha-Humulene	0.03
46.211	Sesquisabinene	0.04
46.337	Alloaromadendrene	0.01
47.505	Unidentified	0.01
48.276	Viridiflorene	0.03
48.541	Bicyclogermacrene	0.09
48.763	alpha-Murolene	0.02
49.119	(E,E)-alpha-Farnesene	0.04
49.321	beta-Bisabolene	0.06
49.618	gamma-Cadinene	0.02
49.931	delta-Cadinene	0.06
52.285	Unidentified	0.01
52.467	(E)-Nerolidol	0.03
52.997	Unidentified isomer 1	0.02
53.441	Unidentified isomer 1	0.01

Chromatogram 98401-14



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R.Time	Name	Area%
53.903	Viridiflorol	0.01
54.402	Unidentified	0.00
57.880	alpha-Cadinol	0.02
59.111	Foeniculin	0.35
		100.00