

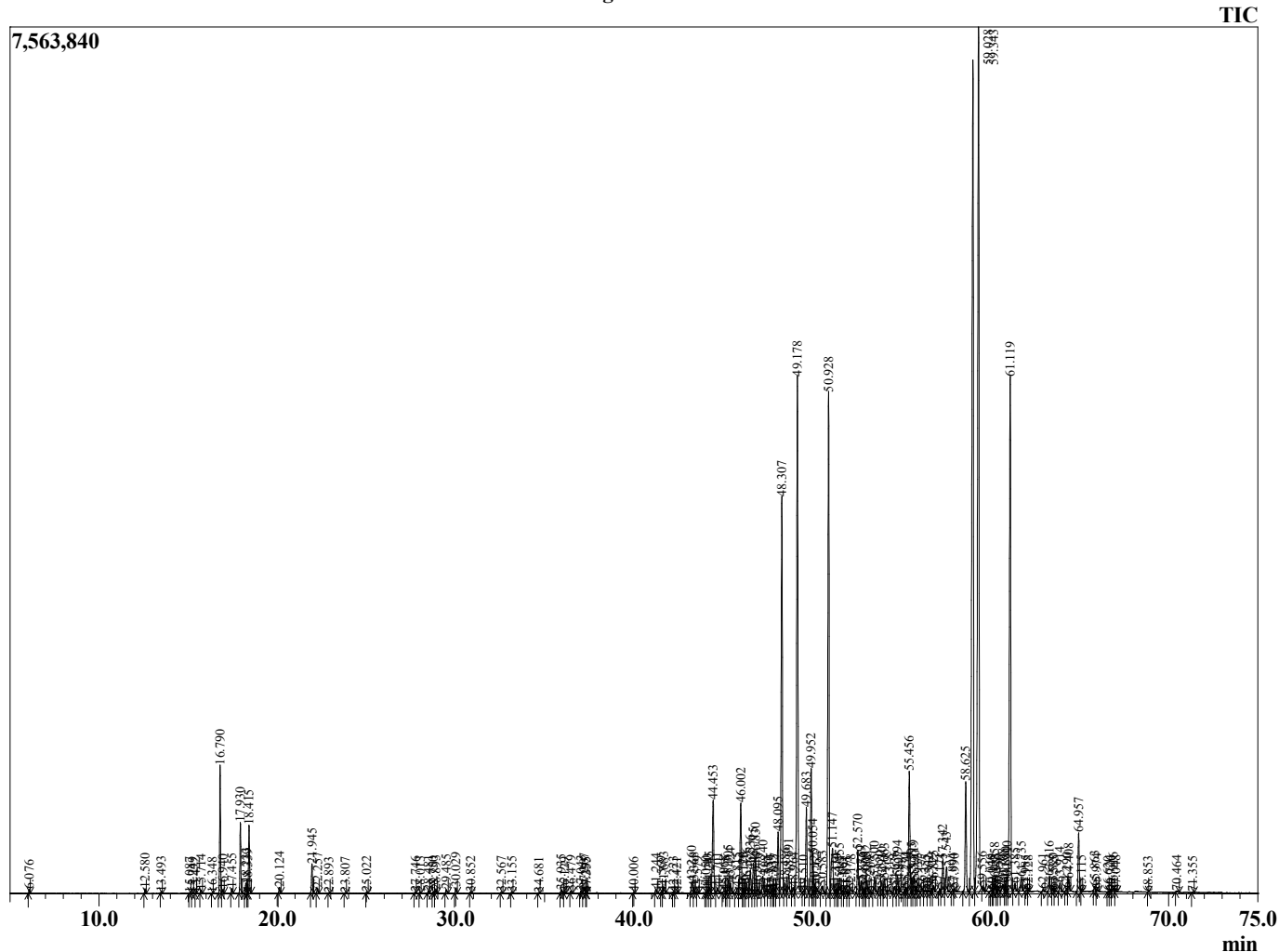
Sample Information

Analyzed by : J. S
 Analyzed : 02/02/2023 5:11:46 PM
 Sample Type : Essential Oil
 Sample Name : Turmeric
 Injection Volume : 0.10 µL
 Lot Number :13525
 Instrument ID : GC-3

Peak Report TIC

R.Time	Name	Area%
3.686	Ethyl acetate	0.04
6.076	Toluene	0.03
12.580	alpha-Pinene	0.05
13.493	Camphene	0.02
15.087	beta-Pinene	0.01
15.249	Unidentified	0.01
15.422	6-Methyl hept-5-en-2-one	0.00
15.714	Myrcene	0.04
16.348	Unidentified	0.01
16.790	alpha-Phellandrene	1.55
16.940	delta-3-Carene	0.04
17.455	alpha-Terpinene	0.06
17.930	para-Cymene	0.85
18.233	Limonene	0.13
18.339	beta-Phellandrene	0.08
18.415	1,8-Cineole	0.89
20.124	gamma-Terpinene	0.08
21.945	Terpinolene	0.39
22.257	para-Cymenene	0.07
22.893	Linalool	0.01
23.807	Unidentified	0.01
25.022	Limona ketone	0.02
27.746	Unidentified	0.01
28.013	Unidentified	0.02
28.481	Terpinen-4-ol	0.03
28.750	4'-Methyl acetophenone	0.02
28.893	para-Cymen-8-ol	0.04
29.485	alpha-Terpineol	0.06
30.029	alpha-Phellandrene epoxide	0.08
30.852	4-Vinylphenol	0.02
32.567	Unidentified	0.02
33.155	Carvotanacetone	0.02
34.681	Unidentified	0.01
35.935	Thymol	0.06
36.129	Unidentified	0.01
36.479	Carvacrol	0.03
37.043	Unidentified	0.03
37.207	4-Viny guaiacol	0.08
37.295	Unidentified	0.01
37.355	Unidentified	0.00
40.006	Eugenol	0.01
41.244	Unidentified	0.06
41.569	Unidentified	0.01
41.683	Unidentified	0.09
42.223	Unidentified	0.01
42.421	7-epi-Sequitujene	0.01
43.260	Unidentified	0.20
43.368	alpha-Funebrene	0.07
43.579	Cedrene isomer	0.02
44.050	Unidentified	0.01
44.140	Acora-3,7(14)-diene	0.05
44.245	alpha-Cedrene	0.09
44.453	trans-beta-Caryophyllene	1.77
44.701	Unidentified	0.09
45.068	Unidentified	0.04
45.175	Unidentified	0.01
45.305	trans-alpha-Bergamotene	0.20
45.424	Unidentified	0.16
45.815	Unidentified	0.11
46.002	Unidentified	1.60
46.120	Unidentified	0.05
46.175	epi-beta-Santalene	0.07

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R.Time	Name	Area%
46.336	Amorpha-4,11-diene isomer	0.16
46.536	(E)-beta-Farnesene	0.36
46.715	alpha-Humulene	0.53
46.830	Amorpha-4,11-diene	0.61
46.946	Unidentified	0.06
47.240	alpha-Acoradiene	0.27
47.398	Unidentified	0.03
47.557	Unidentified	0.01
47.739	Unidentified	0.03
47.833	Unidentified	0.03
47.917	beta-Acoradiene	0.05
48.095	gamma-Curcumene	1.06
48.307	Ar-Curcumene	6.65
48.486	trans-beta-Bergamotene	0.16
48.691	Unidentified	0.30
48.964	Unidentified	0.08
49.178	alpha-Zingiberene	8.84
49.510	Unidentified	0.01
49.683	Unidentified	1.33
49.952	beta-Bisabolene	2.02
50.054	beta-Curcumene	0.57
50.125	Unidentified	0.10
50.262	Unidentified	0.08
50.583	Nootkatene	0.12
50.928	beta-Sesquiphellandrene	8.43
51.147	Unidentified	1.09
51.334	Unidentified	0.06
51.419	Unidentified	0.05
51.555	Unidentified	0.25
51.685	Selina-4(15),7(11)-diene	0.03
51.891	(E)-alpha-Bisabolene	0.03
51.975	Unidentified	0.01
52.178	Unidentified	0.06
52.570	Unidentified	0.65
52.759	Unidentified	0.24
52.856	Unidentified	0.07
53.005	Unidentified	0.07
53.082	Unidentified	0.21
53.268	Unidentified	0.01
53.500	Unidentified	0.24
53.820	ar-Tumerol	0.12
53.910	Unidentified	0.17
54.063	Unidentified	0.24
54.318	Caryophyllene oxide	0.05
54.636	Unidentified	0.11
54.794	Unidentified	0.26
54.897	Unidentified	0.08
55.230	Unidentified	0.05
55.274	Unidentified	0.09
55.456	Unidentified	2.06
55.595	Unidentified	0.26
55.719	Unidentified	0.30
55.790	Unidentified	0.07
55.937	Unidentified	0.02
56.177	Unidentified	0.07
56.355	Unidentified	0.04
56.562	Unidentified	0.03
56.719	Unidentified	0.06
56.825	Guaiol	0.10
57.171	Unidentified	0.05
57.342	Unidentified	0.55
57.543	Unidentified	0.44
57.894	Unidentified	0.04

R.Time	Name	Area%
57.990	Unidentified	0.06
58.625	Unidentified	1.85
59.028	ar-Tumerone	17.55
59.343	Tumerone	17.81
59.556	Unidentified	0.02
60.040	Unidentified	0.03
60.135	Unidentified	0.02
60.258	(Z)-gamma-Atlantone	0.25
60.335	Unidentified	0.04
60.450	Unidentified	0.04
60.708	Unidentified	0.16
60.880	Unidentified	0.10
60.940	(E)-gamma-Atlantone	0.27
61.119	Curlone	9.45
61.385	Unidentified	0.15
61.735	(Z)-alpha-Atlantone	0.26
61.985	Unidentified	0.01
62.128	Unidentified	0.01
62.961	Unidentified	0.04
63.316	Unidentified	0.25
63.520	Unidentified	0.05
63.585	Unidentified	0.01
63.914	Unidentified	0.15
64.290	Unidentified	0.05
64.408	Unidentified	0.20
64.957	(E)-alpha-Atlantone	0.94
65.115	Unidentified	0.01
65.863	Unidentified	0.08
65.974	Unidentified	0.03
66.620	Unidentified	0.01
66.726	Unidentified	0.02
66.916	Unidentified	0.07
67.048	Unidentified	0.02
68.853	Unidentified	0.00
70.464	Unidentified	0.02
71.355	Unidentified	0.01
75.602	Unidentified	0.01
		100.00