



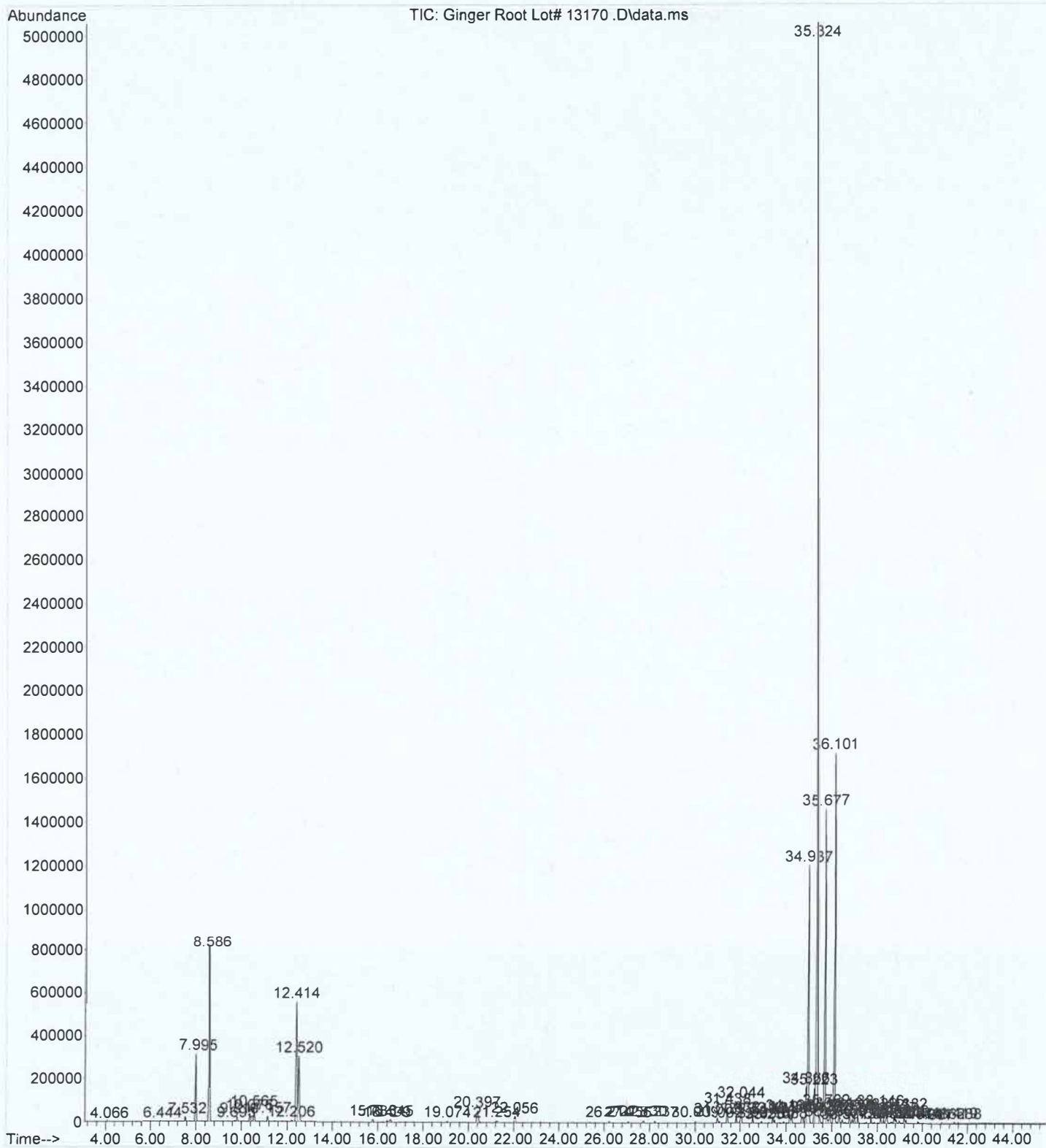
GINGER ROOT OIL 98401-27

CHEMICAL COMPOSITION (GC-MS)

LOT NO. 13170

PEAK RT	COMPOUND	CONTENT (%)	SPECIFICATION
7.995	ALPHA PINENE	2.31	1.2 – 2.7 %
8.586	CAMPHENE	6.25	4.5 – 8.4 %
12.414	LIMONENE	5.11	3 – 12 %
20.397	BORNEOL	0.64	0.7 – 1.7 %
34.937	CURCUMENE	8.83	4.5 – 12 %
35.324	ZINGIBERENE	37.89	28.5 – 38.5 %
35.677	BETA- BISABOLENE	10.2	5 – 10.5 %
36.101	BETA SESQUIPHELLANDRENE	12.18	9 – 14 %

File : C:\msdchem\1\data\2024\05-22-24\Ginger Root #107 Lot# 13170
Operator : DMW
Acquired : 22 May 2024 14:14 using AcqMethod METHOD_7.M
Instrument : GCMS
Sample Name: Ginger Root LOT 13170
Misc Info : TEST
Vial Number: 25



Area Percent Report

Data Path : C:\msdchem\1\data\2024\05-22-24
Data File : \Ginger Root #107 Lot# 13170
Acq On : 22 May 2024 14:14
Operator : DMW
Sample : Ginger Root Lot# 13170
Misc : TEST
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: autoint1.e
Integrator: ChemStation

Method : C:\msdchem\1\methods\METHOD_7.M
Title : Eoil Qualitative

Signal : TIC: Ginger Root Lot#13170\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.066	167	172	183	BB 2	5303	98052	0.07%	0.025%
2	6.444	582	588	599	BB 2	3389	73884	0.05%	0.019%
3	7.532	768	778	789	BB 2	24483	682742	0.45%	0.172%
4	7.995	846	859	873	BB	314952	9189177	6.11%	2.313%
5	8.586	946	962	979	BB	803911	24836074	16.50%	6.252%
6	9.695	1146	1156	1166	BV 3	5874	165722	0.11%	0.042%
7	9.819	1166	1177	1191	VB 4	23497	734756	0.49%	0.185%
8	10.376	1266	1275	1292	BV 3	40048	1288215	0.86%	0.324%
9	10.565	1292	1308	1322	PB 3	57954	1874883	1.25%	0.472%
10	11.157	1398	1411	1426	BB 3	27164	903017	0.60%	0.227%
11	12.206	1581	1595	1608	BV 3	9439	318023	0.21%	0.080%
12	12.414	1608	1631	1641	PV 2	557858	20310151	13.50%	5.113%
13	12.520	1641	1650	1673	VB 3	307148	11947970	7.94%	3.008%
14	15.783	2205	2220	2235	BB 5	13168	509313	0.34%	0.128%
15	16.409	2317	2329	2341	BV 6	8253	283766	0.19%	0.071%
16	16.545	2341	2353	2379	PB 9	13238	542722	0.36%	0.137%
17	19.074	2784	2795	2813	BB 5	4377	170008	0.11%	0.043%
18	20.397	3010	3026	3051	BV 2	54472	2545864	1.69%	0.641%
19	21.254	3153	3176	3192	BB 6	7775	440711	0.29%	0.111%
20	22.056	3301	3316	3337	BB 7	27955	1267868	0.84%	0.319%
21	26.214	4030	4043	4062	BV 5	6761	283407	0.19%	0.071%
22	27.056	4180	4190	4205	BB 6	5980	211350	0.14%	0.053%
23	27.730	4293	4308	4326	BB 9	9962	507508	0.34%	0.128%
24	28.237	4384	4396	4410	BB 3	8792	270281	0.18%	0.068%
25	30.009	4695	4706	4715	BB 4	7944	233528	0.16%	0.059%
26	31.003	4868	4880	4888	BV 5	24146	712288	0.47%	0.179%
27	31.092	4888	4895	4906	VB 4	8453	224727	0.15%	0.057%
28	31.438	4944	4956	4969	BB 3	71232	2072991	1.38%	0.522%
29	31.832	5007	5025	5038	BV 3	34199	937659	0.62%	0.236%
30	32.044	5038	5062	5073	VB 3	100180	3094482	2.06%	0.779%
31	32.549	5140	5150	5163	BV 3	27187	704286	0.47%	0.177%
32	32.933	5208	5217	5233	BB 7	8009	241292	0.16%	0.061%
33	33.251	5266	5273	5283	VB 3	3628	88083	0.06%	0.022%
34	33.421	5292	5302	5310	BV 4	31429	868824	0.58%	0.219%
35	33.497	5310	5316	5325	VB 5	14984	377354	0.25%	0.095%
36	33.888	5372	5384	5399	PV 5	6674	191440	0.13%	0.048%
37	34.161	5421	5432	5439	BV 7	42289	1417399	0.94%	0.357%
38	34.245	5439	5446	5461	VV 5	35395	1024566	0.68%	0.258%
39	34.691	5508	5524	5529	BV 8	30058	1063847	0.71%	0.268%
40	34.737	5529	5532	5542	VV 5	29467	769533	0.51%	0.194%

41	34.866	5542	5555	5558	VV 2	166681	4503840	2.99%	1.134%
42	34.937	5558	5567	5594	VV	1195398	35081477	23.31%	8.831%
43	35.223	5602	5617	5622	VV 3	159989	4383679	2.91%	1.104%
44	35.324	5622	5635	5651	VV	5067169	150498421	100.00%	37.887%
45	35.439	5651	5655	5676	VV 7	35897	1416692	0.94%	0.357%
46	35.677	5682	5697	5707	VV 2	1453792	40572927	26.96%	10.214%
47	35.762	5707	5711	5722	VV 2	67515	2008659	1.33%	0.506%
48	35.856	5722	5728	5730	VV 5	16496	412805	0.27%	0.104%
49	35.918	5730	5739	5756	VV 5	45362	1522277	1.01%	0.383%
50	36.101	5756	5771	5794	VV	1713217	48390213	32.15%	12.182%
51	36.316	5799	5808	5817	VV 4	53060	1478854	0.98%	0.372%
52	36.459	5825	5833	5845	VV 6	16404	480143	0.32%	0.121%
53	36.571	5845	5853	5856	VV 7	4226	101709	0.07%	0.026%
54	36.774	5878	5888	5901	VV 4	41732	1191067	0.79%	0.300%
55	36.891	5901	5909	5917	VV 5	20441	577001	0.38%	0.145%
56	36.988	5917	5926	5942	VV 4	45042	1245679	0.83%	0.314%
57	37.141	5942	5952	5965	VV 4	31669	801406	0.53%	0.202%
58	37.507	6009	6016	6026	VV 2	5785	139711	0.09%	0.035%
59	37.721	6043	6054	6061	PV 2	30112	608764	0.40%	0.153%
60	37.878	6075	6081	6087	VV 3	6159	112721	0.07%	0.028%
61	38.146	6115	6128	6141	VV 2	65403	1319683	0.88%	0.332%
62	38.273	6141	6150	6158	VV 3	23117	452883	0.30%	0.114%
63	38.413	6158	6175	6190	VV 8	50124	1841710	1.22%	0.464%
64	38.599	6199	6207	6211	VV 6	7265	189658	0.13%	0.048%
65	38.634	6211	6213	6224	VV 7	6757	196321	0.13%	0.049%
66	38.727	6224	6230	6233	VV 3	33571	603634	0.40%	0.152%
67	38.771	6233	6237	6242	VV 7	23183	552886	0.37%	0.139%
68	38.820	6242	6246	6257	VV 8	19035	487694	0.32%	0.123%
69	38.963	6257	6271	6282	VV 7	13692	429485	0.29%	0.108%
70	39.182	6295	6309	6317	VV 2	50874	1070814	0.71%	0.270%
71	39.269	6317	6324	6332	VV 4	18293	457763	0.30%	0.115%
72	39.784	6406	6414	6417	PV 2	9012	123574	0.08%	0.031%
73	39.814	6417	6420	6427	VV 6	6529	114801	0.08%	0.029%
74	40.357	6510	6514	6521	PV 2	3431	52156	0.03%	0.013%
75	40.862	6599	6603	6609	VV 3	7798	103819	0.07%	0.026%
76	41.419	6694	6700	6707	PV 3	9155	131213	0.09%	0.033%
77	41.588	6725	6730	6736	BV 3	6877	99436	0.07%	0.025%

Sum of corrected areas: 397233342