

rteres

Instrument :

FID_F

ClientSampleId :

COP-SOIL-PILEMS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/01/2025

Supervised By :mohammad ahmed 07/01/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF06302
Data File : FF016038.D
Signal(s) : FID2B.ch
Acq On : 30 Jun 2025 15:09
Sample : Q2409-02MS
Misc :
ALS Vial : 74 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF061325.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.912	1.900	1.918	BV	152	811	0.02%	0.001%
2	1.922	1.918	1.958	VV	169	1806	0.04%	0.001%
3	1.964	1.958	2.011	VV	165	1291	0.03%	0.001%
4	2.022	2.011	2.040	VV	290	2325	0.05%	0.002%
5	2.048	2.040	2.053	PV	97	531	0.01%	0.000%
6	2.085	2.053	2.170	VV	119189	1356141	32.08%	0.891%
7	2.174	2.170	2.218	PV	78	1077	0.03%	0.001%
8	2.225	2.218	2.229	PV	97	348	0.01%	0.000%
9	2.236	2.229	2.249	VV	142	449	0.01%	0.000%
10	2.255	2.249	2.262	VV	102	463	0.01%	0.000%
11	2.264	2.262	2.274	VV	133	479	0.01%	0.000%
12	2.291	2.274	2.357	PV	427	7814	0.18%	0.005%
13	2.377	2.357	2.400	PV	584	6600	0.16%	0.004%
14	2.418	2.400	2.425	VV	277	2687	0.06%	0.002%
15	2.431	2.425	2.486	VV	293	5276	0.12%	0.003%
16	2.495	2.486	2.519	PV	123	1442	0.03%	0.001%
17	2.532	2.519	2.577	VV	173	2936	0.07%	0.002%
18	2.580	2.577	2.593	VV	113	736	0.02%	0.000%
19	2.598	2.593	2.609	VV	138	799	0.02%	0.001%
20	2.618	2.609	2.632	VV	136	832	0.02%	0.001%
21	2.663	2.632	2.684	PV	608	7541	0.18%	0.005%
22	2.689	2.684	2.694	VV	130	457	0.01%	0.000%
23	2.714	2.694	2.723	VV	170	1538	0.04%	0.001%
24	2.729	2.723	2.747	VV	81	479	0.01%	0.000%
25	2.772	2.747	2.824	PV	1950	31275	0.74%	0.021%
26	2.827	2.824	2.839	VV	115	772	0.02%	0.001%
27	2.844	2.839	2.865	VV	86	983	0.02%	0.001%
28	2.878	2.865	2.888	VV	152	1820	0.04%	0.001%
29	2.895	2.888	2.910	VV	224	2122	0.05%	0.001%
30	2.913	2.910	2.928	VV	145	1025	0.02%	0.001%
31	2.951	2.928	2.962	VV	281	3636	0.09%	0.002%
32	2.999	2.962	3.025	VV	413	9612	0.23%	0.006%
33	3.051	3.025	3.086	VV	8893	97803	2.31%	0.064%
34	3.096	3.086	3.114	VV	243	2401	0.06%	0.002%
35	3.137	3.114	3.152	VV	191	2844	0.07%	0.002%
36	3.155	3.152	3.161	VV	188	758	0.02%	0.000%

					retention	Area	Conc	Conc
37	3.165	3.161	3.212	VV	225	2503	0.06%	0.002%
38	3.221	3.212	3.251	VV	223	3124	0.06%	0.002%
39	3.264	3.251	3.303	PV	386	6894	0.06%	0.002%
40	3.305	3.303	3.311	VV	171	591	0.06%	0.002%
41	3.320	3.311	3.338	VV	129	1467	0.06%	0.002%
42	3.360	3.338	3.393	VV	492	8167	0.06%	0.002%
43	3.411	3.393	3.431	VV	158	1792	0.04%	0.001%
44	3.435	3.431	3.444	VV	125	559	0.01%	0.000%
45	3.448	3.444	3.453	VV	86	290	0.01%	0.000%
46	3.478	3.453	3.527	VV	540	9222	0.22%	0.006%
47	3.534	3.527	3.540	VV	159	835	0.02%	0.001%
48	3.542	3.540	3.547	VV	128	481	0.01%	0.000%
49	3.569	3.547	3.593	VV	219	3405	0.08%	0.002%
50	3.605	3.593	3.625	VV	223	2266	0.05%	0.001%
51	3.630	3.625	3.649	VV	105	779	0.02%	0.001%
52	3.651	3.649	3.663	VV	71	249	0.01%	0.000%
53	3.680	3.663	3.692	VV	199	1878	0.04%	0.001%
54	3.711	3.692	3.742	VV	384	6466	0.15%	0.004%
55	3.756	3.742	3.777	VV	325	4235	0.10%	0.003%
56	3.780	3.777	3.786	VV	184	746	0.02%	0.000%
57	3.805	3.786	3.832	VV	273	5416	0.13%	0.004%
58	3.850	3.832	3.865	VV	247	3652	0.09%	0.002%
59	3.875	3.865	3.924	VV	187	4768	0.11%	0.003%
60	3.947	3.924	3.966	VV	349	5684	0.13%	0.004%
61	3.974	3.966	3.989	VV	260	2702	0.06%	0.002%
62	3.994	3.989	4.029	VV	195	2462	0.06%	0.002%
63	4.049	4.029	4.072	PV	332	4942	0.12%	0.003%
64	4.078	4.072	4.122	VV	206	3736	0.09%	0.002%
65	4.144	4.122	4.175	PV	2067	23255	0.55%	0.015%
66	4.196	4.175	4.248	VV	3473	52483	1.24%	0.034%
67	4.259	4.248	4.293	VV	575	9508	0.22%	0.006%
68	4.296	4.293	4.308	VV	182	1234	0.03%	0.001%
69	4.320	4.308	4.325	VV	272	1952	0.05%	0.001%
70	4.342	4.325	4.352	VV	514	5514	0.13%	0.004%
71	4.362	4.352	4.374	VV	375	4272	0.10%	0.003%
72	4.389	4.374	4.425	VV	521	9560	0.23%	0.006%
73	4.444	4.425	4.494	VV	413	8532	0.20%	0.006%
74	4.507	4.494	4.533	VV	227	3289	0.08%	0.002%
75	4.541	4.533	4.545	VV	151	686	0.02%	0.000%
76	4.561	4.545	4.567	VV	307	2916	0.07%	0.002%
77	4.578	4.567	4.592	VV	396	4278	0.10%	0.003%
78	4.620	4.592	4.648	VV	169828	1753731	41.49%	1.152%
79	4.656	4.648	4.681	VV	547	6946	0.16%	0.005%
80	4.693	4.681	4.721	VV	353	6491	0.15%	0.004%
81	4.727	4.721	4.763	VV	294	4244	0.10%	0.003%
82	4.787	4.763	4.806	VV	654	8914	0.21%	0.006%
83	4.819	4.806	4.831	VV	671	7276	0.17%	0.005%
84	4.849	4.831	4.893	VV	1797	27371	0.65%	0.018%
85	4.907	4.893	4.924	VV	453	5692	0.13%	0.004%
86	4.932	4.924	4.953	VV	320	3770	0.09%	0.002%
87	4.987	4.953	5.001	VV	451	7350	0.17%	0.005%
88	5.012	5.001	5.029	VV	364	4955	0.12%	0.003%
89	5.036	5.029	5.053	VV	449	4715	0.11%	0.003%

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90	5.081	5.053	5.109	VV	592	11807	0.28%	0.008%
91	5.132	5.109	5.158	VV	493	8844		
92	5.174	5.158	5.191	VV	300	4918		
93	5.205	5.191	5.211	VV	312	2993		
94	5.218	5.211	5.246	VV	365	5797		
95	5.278	5.246	5.294	VV	474	8397		
96	5.317	5.294	5.361	VV	679	15924	0.38%	0.010%
97	5.380	5.361	5.397	VV	422	6352	0.15%	0.004%
98	5.409	5.397	5.427	VV	555	7110	0.17%	0.005%
99	5.433	5.427	5.457	VV	457	6297	0.15%	0.004%
100	5.463	5.457	5.487	VV	222	2242	0.05%	0.001%
101	5.505	5.487	5.525	VV	275	3534	0.08%	0.002%
102	5.564	5.525	5.591	VV	1161	16156	0.38%	0.011%
103	5.604	5.591	5.623	VV	340	4571	0.11%	0.003%
104	5.635	5.623	5.658	VV	394	5213	0.12%	0.003%
105	5.661	5.658	5.670	VV	176	1135	0.03%	0.001%
106	5.703	5.670	5.732	VV	334	5740	0.14%	0.004%
107	5.761	5.732	5.781	PV	1200	16854	0.40%	0.011%
108	5.795	5.781	5.808	VV	2188	22179	0.52%	0.015%
109	5.816	5.808	5.856	VV	1805	21043	0.50%	0.014%
110	5.865	5.856	5.901	VV	352	5282	0.12%	0.003%
111	5.906	5.901	5.915	VV	152	836	0.02%	0.001%
112	5.947	5.915	5.976	VV	759	12379	0.29%	0.008%
113	6.007	5.976	6.042	VV	862	19840	0.47%	0.013%
114	6.052	6.042	6.065	VV	500	5553	0.13%	0.004%
115	6.081	6.065	6.102	VV	691	8840	0.21%	0.006%
116	6.113	6.102	6.118	VV	225	1677	0.04%	0.001%
117	6.132	6.118	6.145	VV	557	5787	0.14%	0.004%
118	6.149	6.145	6.165	VV	355	2630	0.06%	0.002%
119	6.179	6.165	6.185	VV	166	1579	0.04%	0.001%
120	6.200	6.185	6.224	VV	291	3409	0.08%	0.002%
121	6.238	6.224	6.257	PV	536	5464	0.13%	0.004%
122	6.294	6.257	6.314	PV	666	10312	0.24%	0.007%
123	6.332	6.314	6.357	VV	3272	39342	0.93%	0.026%
124	6.363	6.357	6.382	VV	665	8326	0.20%	0.005%
125	6.406	6.382	6.430	VV	1892	29291	0.69%	0.019%
126	6.441	6.430	6.458	VV	518	5786	0.14%	0.004%
127	6.483	6.458	6.496	VV	945	11803	0.28%	0.008%
128	6.516	6.496	6.547	VV	760	14599	0.35%	0.010%
129	6.563	6.547	6.575	VV	349	3816	0.09%	0.003%
130	6.589	6.575	6.607	VV	504	7173	0.17%	0.005%
131	6.625	6.607	6.650	VV	1121	19659	0.47%	0.013%
132	6.675	6.650	6.696	VV	577	11766	0.28%	0.008%
133	6.717	6.696	6.732	VV	641	9794	0.23%	0.006%
134	6.742	6.732	6.763	VV	531	7547	0.18%	0.005%
135	6.795	6.763	6.844	VV	189880	1942659	45.96%	1.276%
136	6.869	6.844	6.895	VV	1615	18301	0.43%	0.012%
137	6.922	6.895	6.933	VV	594	8329	0.20%	0.005%
138	6.949	6.933	6.973	VV	1595	19716	0.47%	0.013%
139	6.989	6.973	7.012	VV	706	8802	0.21%	0.006%
140	7.024	7.012	7.044	VV	308	3605	0.09%	0.002%
141	7.077	7.044	7.099	VV	593	9034	0.21%	0.006%

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0.28% 0.008%

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142	7.122	7.099	7.151	VV	516	9583	0.23%	0.006%
143	7.159	7.151	7.175	VV	109	1125		
144	7.200	7.175	7.225	VV	691	9637		
145	7.234	7.225	7.240	VV	95	629		
146	7.278	7.240	7.311	PV	1360	29702		
147	7.329	7.311	7.350	VV	1014	16715		
148	7.368	7.350	7.400	VV	1079	15018	0.36%	0.010%
149	7.427	7.400	7.448	VV	3744	42928	1.02%	0.028%
150	7.469	7.448	7.497	VV	1615	23455	0.55%	0.015%
151	7.518	7.497	7.550	VV	5029	62055	1.47%	0.041%
152	7.567	7.550	7.596	VV	2931	34361	0.81%	0.023%
153	7.617	7.596	7.636	PV	898	11472	0.27%	0.008%
154	7.643	7.636	7.677	VV	414	5521	0.13%	0.004%
155	7.719	7.677	7.727	VV	882	13617	0.32%	0.009%
156	7.743	7.727	7.774	VV	1535	22821	0.54%	0.015%
157	7.804	7.774	7.822	VV	1107	18018	0.43%	0.012%
158	7.833	7.822	7.845	VV	650	6793	0.16%	0.004%
159	7.877	7.845	7.895	VV	763	16614	0.39%	0.011%
160	7.921	7.895	7.949	VV	1966	33775	0.80%	0.022%
161	7.962	7.949	7.988	VV	671	9352	0.22%	0.006%
162	8.034	7.988	8.055	PV	3443	45445	1.08%	0.030%
163	8.061	8.055	8.072	VV	702	6221	0.15%	0.004%
164	8.086	8.072	8.104	VV	824	10576	0.25%	0.007%
165	8.129	8.104	8.145	VV	433	7021	0.17%	0.005%
166	8.171	8.145	8.188	VV	2026	31662	0.75%	0.021%
167	8.203	8.188	8.224	VV	3732	44754	1.06%	0.029%
168	8.231	8.224	8.255	VV	686	7074	0.17%	0.005%
169	8.273	8.255	8.291	VV	479	5329	0.13%	0.004%
170	8.327	8.291	8.341	VV	1651	24495	0.58%	0.016%
171	8.363	8.341	8.404	VV	2966	47928	1.13%	0.031%
172	8.445	8.404	8.478	VV	10389	133971	3.17%	0.088%
173	8.505	8.478	8.525	VV	1297	20306	0.48%	0.013%
174	8.547	8.525	8.563	VV	3592	43766	1.04%	0.029%
175	8.575	8.563	8.592	VV	2330	27836	0.66%	0.018%
176	8.627	8.592	8.656	VV	192830	2059305	48.72%	1.353%
177	8.696	8.656	8.711	VV	2219	50667	1.20%	0.033%
178	8.733	8.711	8.763	VV	1987	45953	1.09%	0.030%
179	8.789	8.763	8.807	VV	3695	49288	1.17%	0.032%
180	8.822	8.807	8.836	VV	1327	15877	0.38%	0.010%
181	8.850	8.836	8.863	VV	726	8140	0.19%	0.005%
182	8.875	8.863	8.888	VV	791	7744	0.18%	0.005%
183	8.921	8.888	8.941	VV	1026	19068	0.45%	0.013%
184	8.958	8.941	8.971	VV	1142	13169	0.31%	0.009%
185	8.987	8.971	9.000	VV	1686	20609	0.49%	0.014%
186	9.031	9.000	9.054	VV	20225	219365	5.19%	0.144%
187	9.062	9.054	9.068	VV	1131	9434	0.22%	0.006%
188	9.092	9.068	9.113	VV	4800	68415	1.62%	0.045%
189	9.127	9.113	9.137	VV	1587	17875	0.42%	0.012%
190	9.168	9.137	9.199	VV	14974	216542	5.12%	0.142%
191	9.217	9.199	9.232	VV	946	14284	0.34%	0.009%
192	9.249	9.232	9.259	VV	1797	18253	0.43%	0.012%
193	9.274	9.259	9.289	VV	3035	39109	0.93%	0.026%
194	9.306	9.289	9.330	VV	7086	86020	2.03%	0.057%

195	9.351	9.330	9.367	VV	1847	27993	0.66%	0.018%
196	9.379	9.367	9.383	VV	1539	14119		
197	9.398	9.383	9.412	VV	1900	25205		
198	9.448	9.412	9.467	VV	3225	58325		
199	9.484	9.467	9.519	VV	3021	43137		
200	9.539	9.519	9.565	VV	1790	24084		
201	9.600	9.565	9.619	VV	2139	26926	0.64%	0.018%
202	9.633	9.619	9.647	PV	1417	12379	0.29%	0.008%
203	9.666	9.647	9.676	VV	899	11793	0.28%	0.008%
204	9.690	9.676	9.704	VV	791	11324	0.27%	0.007%
205	9.738	9.704	9.767	VV	2832	52411	1.24%	0.034%
206	9.781	9.767	9.799	VV	1956	25044	0.59%	0.016%
207	9.820	9.799	9.880	VV	15497	230008	5.44%	0.151%
208	9.904	9.880	9.932	VV	6607	106268	2.51%	0.070%
209	9.941	9.932	9.953	VV	1863	20147	0.48%	0.013%
210	9.972	9.953	9.986	VV	4412	63005	1.49%	0.041%
211	9.994	9.986	10.020	VV	3744	62383	1.48%	0.041%
212	10.027	10.020	10.045	VV	3004	33474	0.79%	0.022%
213	10.070	10.045	10.080	VV	3510	53590	1.27%	0.035%
214	10.100	10.080	10.126	VV	52450	531776	12.58%	0.349%
215	10.145	10.126	10.160	VV	4064	53648	1.27%	0.035%
216	10.166	10.160	10.172	VV	2584	17941	0.42%	0.012%
217	10.193	10.172	10.208	VV	3750	67144	1.59%	0.044%
218	10.236	10.208	10.281	VV	189449	2178089	51.53%	1.431%
219	10.304	10.281	10.324	VV	3105	61190	1.45%	0.040%
220	10.341	10.324	10.380	VV	3481	69757	1.65%	0.046%
221	10.408	10.380	10.432	VV	2798	55044	1.30%	0.036%
222	10.446	10.432	10.457	VV	1975	25647	0.61%	0.017%
223	10.474	10.457	10.492	VV	2182	40075	0.95%	0.026%
224	10.512	10.492	10.529	VV	3281	51575	1.22%	0.034%
225	10.570	10.529	10.578	VV	3349	68063	1.61%	0.045%
226	10.583	10.578	10.599	VV	3147	34934	0.83%	0.023%
227	10.624	10.599	10.651	VV	20076	302138	7.15%	0.198%
228	10.673	10.651	10.692	VV	6431	130929	3.10%	0.086%
229	10.706	10.692	10.732	VV	6983	131818	3.12%	0.087%
230	10.746	10.732	10.761	VV	6236	88291	2.09%	0.058%
231	10.774	10.761	10.800	VV	6033	103034	2.44%	0.068%
232	10.822	10.800	10.857	VV	6214	156452	3.70%	0.103%
233	10.878	10.857	10.895	VV	7234	137798	3.26%	0.091%
234	10.907	10.895	10.919	VV	5736	76169	1.80%	0.050%
235	10.925	10.919	10.941	VV	5617	68806	1.63%	0.045%
236	10.975	10.941	11.005	VV	10529	279469	6.61%	0.184%
237	11.049	11.005	11.077	VV	45784	862116	20.39%	0.566%
238	11.090	11.077	11.114	VV	6755	138374	3.27%	0.091%
239	11.125	11.114	11.140	VV	5375	80346	1.90%	0.053%
240	11.147	11.140	11.160	VV	5249	61018	1.44%	0.040%
241	11.194	11.160	11.201	VV	8101	154180	3.65%	0.101%
242	11.227	11.201	11.276	VV	159898	1885277	44.60%	1.239%
243	11.300	11.276	11.320	VV	39232	508325	12.02%	0.334%
244	11.325	11.320	11.342	VV	9228	100998	2.39%	0.066%
245	11.372	11.342	11.391	VV	7901	194796	4.61%	0.128%
246	11.406	11.391	11.422	VV	6942	116327	2.75%	0.076%

Instrument :

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Manual IntegrationsAPPROVED

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				rters				
247	11.436	11.422	11.442	VV	5773	67335	1.59%	0.044%
248	11.459	11.442	11.473	VV	6926	119043		
249	11.488	11.473	11.492	VV	7065	79610		
250	11.512	11.492	11.529	VV	16894	245216		
251	11.537	11.529	11.560	VV	8031	129710		
252	11.580	11.560	11.600	VV	6867	151361		
253	11.618	11.600	11.629	VV	8259	129517	3.06%	0.085%
254	11.644	11.629	11.652	VV	9348	123536	2.92%	0.081%
255	11.681	11.652	11.735	VV	189234	2470096	58.43%	1.623%
256	11.770	11.735	11.801	VV	30475	624367	14.77%	0.410%
257	11.828	11.801	11.856	VV	8552	237897	5.63%	0.156%
258	11.876	11.856	11.902	VV	9823	215071	5.09%	0.141%
259	11.925	11.902	11.932	VV	10476	151580	3.59%	0.100%
260	11.940	11.932	11.959	VV	9955	148640	3.52%	0.098%
261	11.979	11.959	12.009	VV	9441	251012	5.94%	0.165%
262	12.031	12.009	12.045	VV	19168	274856	6.50%	0.181%
263	12.061	12.045	12.082	VV	27238	372009	8.80%	0.244%
264	12.092	12.082	12.108	VV	8841	126024	2.98%	0.083%
265	12.145	12.108	12.164	VV	32309	571397	13.52%	0.375%
266	12.179	12.164	12.193	VV	15252	221040	5.23%	0.145%
267	12.209	12.193	12.241	VV	19444	361823	8.56%	0.238%
268	12.252	12.241	12.269	VV	7263	109689	2.59%	0.072%
269	12.285	12.269	12.304	VV	8087	150291	3.56%	0.099%
270	12.350	12.304	12.366	VV	15930	453899	10.74%	0.298%
271	12.382	12.366	12.408	VV	20123	325377	7.70%	0.214%
272	12.451	12.408	12.476	VV	8902	323119	7.64%	0.212%
273	12.503	12.476	12.525	VV	18152	329585	7.80%	0.217%
274	12.533	12.525	12.545	VV	7435	83454	1.97%	0.055%
275	12.563	12.545	12.575	VV	7714	127783	3.02%	0.084%
276	12.608	12.575	12.679	VV	159215	2512206	59.43%	1.650%
277	12.684	12.679	12.700	VV	7740	88731	2.10%	0.058%
278	12.733	12.700	12.740	VV	7196	161082	3.81%	0.106%
279	12.757	12.740	12.795	VV	9295	260722	6.17%	0.171%
280	12.817	12.795	12.834	VV	16147	265431	6.28%	0.174%
281	12.839	12.834	12.861	VV	10295	132659	3.14%	0.087%
282	12.878	12.861	12.894	VV	9099	142216	3.36%	0.093%
283	12.931	12.894	12.954	VV	16198	359820	8.51%	0.236%
284	12.994	12.954	13.020	VV	197621	2484413	58.77%	1.632%
285	13.052	13.020	13.092	VV	316450	3746088	88.62%	2.461%
286	13.108	13.092	13.124	VV	5138	87267	2.06%	0.057%
287	13.142	13.124	13.155	VV	4537	81223	1.92%	0.053%
288	13.188	13.155	13.199	VV	5904	135620	3.21%	0.089%
289	13.236	13.199	13.322	VV	14585	521372	12.33%	0.343%
290	13.350	13.322	13.374	VV	268133	3020811	71.46%	1.985%
291	13.405	13.374	13.421	VV	42249	597575	14.14%	0.393%
292	13.436	13.421	13.470	VV	31075	441564	10.45%	0.290%
293	13.490	13.470	13.503	VV	5709	88246	2.09%	0.058%
294	13.521	13.503	13.537	VV	11577	166476	3.94%	0.109%
295	13.545	13.537	13.575	VV	6824	100647	2.38%	0.066%
296	13.649	13.642	13.654	VV	6378	42900	1.01%	0.028%
297	13.684	13.654	13.709	VV	13663	298469	7.06%	0.196%
298	13.713	13.709	13.718	VV	4440	22418	0.53%	0.015%
299	13.808	13.763	13.817	VV	18156	322103	7.62%	0.212%

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300	13.892	13.887	13.895	VV	4603	21547	0.51%	0.014%
301	13.937	13.895	13.970	VV	45948	790605	18.45%	1.679%
302	14.004	13.970	14.018	VV	5190	114320	2.47%	0.069%
303	14.044	14.018	14.067	VV	41078	573406	13.22%	0.339%
304	14.085	14.067	14.103	VV	20532	270644	6.71%	0.103%
305	14.129	14.103	14.155	VV	15037	272847	6.22%	0.089%
306	14.194	14.155	14.237	VV	178766	2555214	60.45%	1.679%
307	14.255	14.237	14.281	VV	16679	248683	5.88%	0.163%
308	14.289	14.281	14.303	VV	4565	55171	1.31%	0.036%
309	14.331	14.303	14.346	VV	5379	118226	2.80%	0.078%
310	14.363	14.346	14.379	VV	4850	87824	2.08%	0.058%
311	14.426	14.379	14.460	VV	6191	251408	5.95%	0.165%
312	14.468	14.460	14.486	VV	4391	57193	1.35%	0.038%
313	14.515	14.486	14.538	VV	7071	138076	3.27%	0.091%
314	14.580	14.538	14.600	VV	21638	353909	8.37%	0.233%
315	14.625	14.600	14.651	VV	18512	367331	8.69%	0.241%
316	14.670	14.651	14.705	VV	23007	363683	8.60%	0.239%
317	14.756	14.705	14.809	VV	12840	490308	11.60%	0.322%
318	14.853	14.809	14.892	VV	28060	626626	14.82%	0.412%
319	14.917	14.892	14.938	VV	50426	677502	16.03%	0.445%
320	14.959	14.938	14.963	VV	21239	230835	5.46%	0.152%
321	14.976	14.963	15.020	VV	26653	447942	10.60%	0.294%
322	15.096	15.020	15.127	VV	108170	1840395	43.54%	1.209%
323	15.141	15.127	15.156	VV	6822	104458	2.47%	0.069%
324	15.179	15.156	15.198	VV	14944	242992	5.75%	0.160%
325	15.231	15.198	15.252	VV	192519	2561070	60.58%	1.683%
326	15.273	15.252	15.287	VV	198308	2390359	56.55%	1.570%
327	15.300	15.287	15.332	VV	163090	2095550	49.57%	1.377%
328	15.344	15.332	15.366	VV	9171	164497	3.89%	0.108%
329	15.393	15.366	15.415	VV	61807	838128	19.83%	0.551%
330	15.429	15.415	15.445	VV	10253	156656	3.71%	0.103%
331	15.465	15.445	15.503	VV	17949	323987	7.66%	0.213%
332	15.527	15.503	15.548	VV	16441	292968	6.93%	0.192%
333	15.568	15.548	15.627	VV	19627	516522	12.22%	0.339%
334	15.636	15.627	15.645	VV	5370	54158	1.28%	0.036%
335	15.677	15.645	15.757	VV	102854	1706898	40.38%	1.121%
336	15.777	15.757	15.791	VV	8133	136120	3.22%	0.089%
337	15.823	15.791	15.829	VV	14932	256628	6.07%	0.169%
338	15.852	15.829	15.857	VV	16099	251257	5.94%	0.165%
339	15.862	15.857	15.884	VV	16457	241420	5.71%	0.159%
340	15.904	15.884	15.924	VV	37055	553983	13.11%	0.364%
341	15.940	15.924	15.962	VV	20014	319415	7.56%	0.210%
342	15.985	15.962	16.008	VV	17787	344253	8.14%	0.226%
343	16.062	16.008	16.102	VV	39847	1212081	28.67%	0.796%
344	16.140	16.102	16.171	VV	20485	498348	11.79%	0.327%
345	16.195	16.171	16.210	VV	12717	238530	5.64%	0.157%
346	16.226	16.210	16.240	VV	14602	207191	4.90%	0.136%
347	16.253	16.240	16.268	VV	14059	188360	4.46%	0.124%
348	16.283	16.268	16.290	VV	12817	153355	3.63%	0.101%
349	16.325	16.290	16.365	VV	162695	2391230	56.57%	1.571%
350	16.390	16.365	16.413	VV	10333	236856	5.60%	0.156%
351	16.429	16.413	16.453	VV	8260	173806	4.11%	0.114%

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352	16.468	16.453	16.477	VV	7558	98753	2.34%	0.065%	
353	16.511	16.477	16.531	VV	17324	400322			
354	16.539	16.531	16.554	VV	12088	155523			
355	16.572	16.554	16.594	VV	20779	351538			
356	16.693	16.661	16.745	VV	88434	1683837	39.13%	0.226%	
357	16.797	16.745	16.814	VV	266813	4227247	100.93%	0.581%	
358	16.877	16.850	16.897	VV	13407	343700	8.13%	0.226%	
359	16.921	16.897	16.943	VV	58813	884902	20.93%	0.581%	
360	17.009	16.995	17.017	VV	16149	198952	4.71%	0.131%	
361	17.047	17.017	17.065	VV	25535	601874	14.24%	0.395%	
362	17.276	17.224	17.305	VV	225556	3603399	85.24%	2.367%	
363	17.321	17.305	17.339	VV	25033	456347	10.80%	0.300%	
364	17.352	17.339	17.370	VV	22755	378758	8.96%	0.249%	
365	17.412	17.370	17.443	VV	24488	860279	20.35%	0.565%	
366	17.478	17.443	17.494	VV	18827	486972	11.52%	0.320%	
367	17.536	17.494	17.566	VV	41560	1221003	28.88%	0.802%	
368	17.580	17.566	17.609	VV	25522	532334	12.59%	0.350%	
369	17.637	17.609	17.661	VV	68319	1230561	29.11%	0.808%	
370	17.675	17.661	17.682	VV	26903	318601	7.54%	0.209%	
371	17.697	17.682	17.710	VV	27911	426985	10.10%	0.281%	
372	17.727	17.710	17.748	VV	39356	695741	16.46%	0.457%	
373	17.754	17.748	17.775	VV	22395	327972	7.76%	0.215%	
374	17.789	17.775	17.799	VV	17969	249681	5.91%	0.164%	
375	17.828	17.799	17.860	VV	34512	872885	20.65%	0.573%	
376	17.864	17.860	17.889	VV	18383	275837	6.53%	0.181%	
377	17.902	17.889	17.916	VV	14587	222800	5.27%	0.146%	
378	17.942	17.916	17.966	VV	22251	523427	12.38%	0.344%	
379	17.989	17.966	17.998	VV	14880	266290	6.30%	0.175%	
380	18.015	17.998	18.037	VV	15569	342152	8.09%	0.225%	
381	18.089	18.037	18.110	VV	22578	757271	17.91%	0.497%	
382	18.167	18.110	18.199	VV	161154	2937229	69.48%	1.930%	
383	18.312	18.283	18.317	VV	25798	431860	10.22%	0.284%	
384	18.335	18.317	18.354	VV	28804	575561	13.62%	0.378%	
385	18.371	18.354	18.424	VV	31622	950550	22.49%	0.624%	
386	18.546	18.495	18.572	VV	174105	4225086	99.95%	2.776%	
387	18.589	18.572	18.615	VV	69878	1308183	30.95%	0.859%	
388	18.624	18.615	18.649	VV	29190	458595	10.85%	0.301%	
389	18.678	18.649	18.694	VV	51960	959251	22.69%	0.630%	
390	18.710	18.694	18.771	VV	51784	1249514	29.56%	0.821%	
391	18.843	18.827	18.847	VV	19315	222935	5.27%	0.146%	
392	18.881	18.847	18.901	VV	27091	712558	16.86%	0.468%	
393	19.002	18.958	19.045	VV	146535	3039045	71.89%	1.997%	
394	19.163	19.142	19.181	VV	30261	605017	14.31%	0.397%	
395	19.206	19.181	19.253	VV	46027	1260186	29.81%	0.828%	
396	19.282	19.253	19.296	VV	30085	637718	15.09%	0.419%	
397	19.351	19.296	19.380	VV	114144	2723655	64.43%	1.789%	
398	19.401	19.380	19.456	VV	75879	1814665	42.93%	1.192%	
399	19.480	19.456	19.512	VV	31974	869151	20.56%	0.571%	
400	19.533	19.512	19.566	VV	33419	790274	18.69%	0.519%	
401	19.584	19.566	19.599	VV	18826	361176	8.54%	0.237%	
402	19.604	19.599	19.610	VV	18643	113774	2.69%	0.075%	
403	19.691	19.674	19.727	VV	20209	547091	12.94%	0.359%	
404	19.889	19.866	19.922	VV	35799	863678	20.43%	0.567%	

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405	19.958	19.922	19.985	VV	76610	1551819	36.71%	1.019%
406	20.025	19.985	20.051	VV	67264	1673794	39.13%	0.531%
407	20.130	20.098	20.173	VV	79550	2158655	51.13%	0.299%
408	20.194	20.173	20.219	VV	36919	818702	19.13%	0.213%
409	20.240	20.219	20.264	VV	34938	790452	18.13%	0.348%
410	20.401	20.364	20.447	VV	45575	1575778	37.13%	0.283%
411	20.601	20.575	20.621	VV	26871	656879	15.54%	0.531%
412	20.650	20.621	20.673	VV	27771	808641	19.13%	0.299%
413	20.677	20.673	20.705	VV	26093	454459	10.75%	0.213%
414	20.710	20.705	20.731	VV	22427	324932	7.69%	0.348%
415	20.752	20.731	20.773	VV	22199	530431	12.55%	0.283%
416	20.798	20.773	20.807	VV	21830	430967	10.19%	0.410%
417	20.842	20.820	20.862	VV	28006	623606	14.75%	0.303%
418	20.874	20.862	20.894	VV	25011	460562	10.90%	0.601%
419	20.918	20.894	20.957	VV	29794	915122	21.65%	0.232%
420	20.976	20.957	20.989	VV	19562	353795	8.37%	0.163%
421	21.000	20.989	21.010	VV	19442	247937	5.87%	0.351%
422	21.027	21.010	21.060	VV	19681	533778	12.63%	0.300%
423	21.076	21.060	21.106	VV	17157	456102	10.79%	0.106%
424	21.111	21.106	21.124	VV	15896	161908	3.83%	0.254%
425	21.138	21.124	21.165	VV	16004	385994	9.13%	0.439%
426	21.187	21.165	21.242	VV	15717	667704	15.80%	1.031%
427	21.294	21.242	21.328	VV	62831	1569949	37.14%	0.636%
428	21.360	21.328	21.432	VV	19892	968353	22.91%	0.407%
429	21.467	21.432	21.510	VV	15842	618988	14.64%	0.146%
430	21.534	21.510	21.541	VV	12577	222961	5.27%	0.367%
431	21.579	21.541	21.608	VV	16961	557881	13.20%	0.480%
432	21.661	21.608	21.698	VV	17058	731052	17.29%	0.877%
433	21.753	21.698	21.782	VV	40461	1334245	31.56%	0.582%
434	21.795	21.782	21.896	VV	20693	886392	20.97%	0.197%
435	21.921	21.896	21.947	VV	12100	300465	7.11%	0.252%
436	21.972	21.947	22.019	VV	14170	383199	9.06%	0.440%
437	22.063	22.019	22.110	VV	25391	670250	15.86%	0.358%
438	22.146	22.110	22.177	VV	22168	544211	12.87%	0.177%
439	22.202	22.177	22.215	VV	14131	269021	6.36%	0.951%
440	22.251	22.215	22.354	VV	47961	1447584	34.24%	0.003%
441	22.364	22.354	22.375	VV	497	4184	0.10%	0.002%
442	22.384	22.375	22.395	VV	516	3621	0.09%	

Sum of corrected areas: 152216290

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Reviewed By :Yogesh Patel 07/01/2025

Supervised By :mohammad ahmed 07/01/2025

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