

rteres

Instrument :

FID_G

ClientSampleId :

WC-SOIL-20250711

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/21/2025

Supervised By :mohammad ahmed 07/23/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG07182
Data File : FG016331.D
Signal(s) : FID1A.ch
Acq On : 18 Jul 2025 10:26
Sample : Q2592-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG070925.M
Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.512	1.497	1.540	BV	13333	288909	3.13%	0.087%
2	1.567	1.540	1.585	VV	12420	304936	3.30%	0.092%
3	1.597	1.585	1.626	VV	11447	247106	2.68%	0.074%
4	1.653	1.626	1.697	VV	8693	319127	3.46%	0.096%
5	1.712	1.697	1.735	VV	7505	143893	1.56%	0.043%
6	1.751	1.735	1.776	VV	6467	146054	1.58%	0.044%
7	1.796	1.776	1.860	VV	10130	311777	3.38%	0.094%
8	1.881	1.860	1.928	VV	12270	236262	2.56%	0.071%
9	1.944	1.928	1.975	VB	2136	39240	0.42%	0.012%
10	2.267	2.251	2.279	BV	2121	21407	0.23%	0.006%
11	2.295	2.279	2.372	VB	9820	160691	1.74%	0.048%
12	2.471	2.432	2.498	PV	1480	23460	0.25%	0.007%
13	2.700	2.599	2.748	BB	2252	44445	0.48%	0.013%
14	2.819	2.771	2.864	BB	3703	67359	0.73%	0.020%
15	2.889	2.869	2.910	BV	2075	24468	0.26%	0.007%
16	3.034	2.989	3.077	PV	341145	4032346	43.67%	1.211%
17	3.092	3.077	3.110	VV	2477	37740	0.41%	0.011%
18	3.132	3.110	3.175	VV	7978	120918	1.31%	0.036%
19	3.245	3.212	3.297	BV	2938	57590	0.62%	0.017%
20	3.314	3.297	3.341	PV	5563	55814	0.60%	0.017%
21	3.392	3.364	3.412	BV	1393	21863	0.24%	0.007%
22	3.523	3.490	3.545	BV	3747	47654	0.52%	0.014%
23	3.567	3.545	3.590	VV	2098	29463	0.32%	0.009%
24	3.650	3.590	3.668	VV	3530	84709	0.92%	0.025%
25	3.681	3.668	3.707	VV	2881	46692	0.51%	0.014%
26	3.746	3.707	3.780	VV	26732	348749	3.78%	0.105%
27	3.792	3.780	3.811	VV	2455	35104	0.38%	0.011%
28	3.825	3.811	3.832	VV	2418	24773	0.27%	0.007%
29	3.851	3.832	3.879	VV	8717	138462	1.50%	0.042%
30	3.897	3.879	3.914	VV	4255	58974	0.64%	0.018%
31	3.992	3.960	4.061	VB	5880	125811	1.36%	0.038%
32	4.218	4.169	4.266	BV	28001	580048	6.28%	0.174%
33	4.299	4.266	4.355	VV	17658	515763	5.59%	0.155%
34	4.383	4.355	4.415	VV	12407	265087	2.87%	0.080%
35	4.431	4.415	4.457	VV	10098	162716	1.76%	0.049%
36	4.470	4.457	4.489	VV	4633	77348	0.84%	0.023%

37	4.584	4.575	4.602	VV	7234	84875	0.92%	0.025%
38	4.610	4.602	4.644	VV	4840	79919	0.65%	0.018%
39	4.670	4.644	4.677	VV	4640	59270	1.25%	0.035%
40	4.689	4.677	4.701	VV	5738	72414	22.14%	0.614%
41	4.707	4.701	4.724	VV	4326	48069	2.03%	0.056%
42	4.744	4.724	4.772	VV	4328	89920	2.69%	0.075%
43	4.791	4.772	4.812	VV	3794	64497	3.01%	0.084%
44	4.836	4.812	4.854	VV	12132	164187	5.11%	0.142%
45	4.864	4.854	4.891	VV	4972	78041	1.35%	0.037%
46	4.961	4.943	4.974	VV	4529	68479	1.94%	0.054%
47	4.981	4.974	5.000	VV	3720	40686	12.68%	0.352%
48	5.030	5.000	5.056	VV	78096	820845	3.37%	0.093%
49	5.070	5.056	5.108	VV	9378	114276	1.43%	0.040%
50	5.138	5.108	5.160	PV	2523	40418	1.06%	0.029%
51	5.326	5.255	5.370	BV	201580	1988664	0.62%	0.017%
52	5.418	5.370	5.455	VV	11138	237757	2.39%	0.066%
53	5.491	5.455	5.514	VV	6896	115112	1.00%	0.028%
54	5.616	5.597	5.644	VV	9991	114599	0.84%	0.023%
55	5.692	5.676	5.707	VV	2493	21843	0.60%	0.017%
56	5.722	5.707	5.746	PV	11414	113988	0.55%	0.015%
57	5.813	5.789	5.876	VV	19230	255191	0.54%	0.015%
58	5.922	5.876	5.959	VV	15780	279355	0.45%	0.012%
59	5.965	5.959	5.979	VV	2752	29941	3.25%	0.090%
60	6.010	5.979	6.030	VV	5371	115370	7.41%	0.206%
61	6.045	6.030	6.066	VV	6967	84598	2.16%	0.060%
62	6.083	6.066	6.102	VV	4470	60300	10.79%	0.299%
63	6.144	6.102	6.162	VV	5829	115270		
64	6.243	6.210	6.309	VV	90916	2044008		
65	6.319	6.309	6.337	VV	12095	187240		
66	6.349	6.337	6.377	VV	12083	248087		
67	6.393	6.377	6.412	VV	19261	278170		
68	6.435	6.412	6.480	VV	21872	471990		
69	6.494	6.480	6.527	VV	6344	124705		
70	6.560	6.527	6.595	VV	9454	179558		
71	6.621	6.595	6.670	VV	99918	1171052		
72	6.692	6.670	6.724	VV	19286	310976		
73	6.740	6.724	6.759	VV	9249	131730		
74	6.769	6.759	6.800	VV	4840	98119		
75	6.812	6.800	6.831	VV	3980	57364		
76	6.851	6.831	6.901	VV	14507	220553		
77	6.928	6.901	6.955	VV	5436	92780		
78	6.976	6.955	6.994	VV	7112	77772		
79	7.010	6.994	7.030	VV	3707	55419		
80	7.046	7.030	7.067	VV	3334	50361		
81	7.112	7.091	7.128	VV	2475	35105		
82	7.140	7.128	7.157	VV	2240	23598		
83	7.177	7.157	7.194	PV	4294	56345		
84	7.207	7.194	7.231	VV	3574	49732		
85	7.249	7.231	7.284	VV	3620	41510		
86	7.309	7.284	7.334	VV	30752	299908		
87	7.369	7.334	7.418	VV	25658	684524		
88	7.445	7.418	7.458	VV	12135	199624		
89	7.478	7.458	7.521	VV	71015	996762		

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90	7.529	7.521	7.590	VV	6943	163192	1.77%	0.049%
91	7.634	7.609	7.651	VV	6147	81851		
92	7.671	7.651	7.689	VV	6004	74237		
93	7.702	7.689	7.723	VB	2779	35339		
94	7.755	7.735	7.778	BV	3043	35595		
95	7.805	7.778	7.820	PV	10773	113962		
96	7.850	7.820	7.923	VV	16623	393733	4.26%	0.118%
97	7.940	7.923	7.965	VV	3048	46468	0.50%	0.014%
98	8.016	7.987	8.069	VB	3977	66454	0.72%	0.020%
99	8.098	8.070	8.128	BV	13036	149269	1.62%	0.045%
100	8.171	8.128	8.204	PV	3848	78198	0.85%	0.023%
101	8.243	8.204	8.257	PV	17731	234561	2.54%	0.070%
102	8.269	8.257	8.288	VV	16517	181348	1.96%	0.054%
103	8.302	8.288	8.333	VV	3606	51418	0.56%	0.015%
104	8.422	8.393	8.440	VB	2534	39946	0.43%	0.012%
105	8.467	8.451	8.481	BV	2445	20381	0.22%	0.006%
106	8.509	8.481	8.524	PV	5960	92434	1.00%	0.028%
107	8.535	8.524	8.563	VV	3550	66060	0.72%	0.020%
108	8.585	8.563	8.608	VV	8660	138519	1.50%	0.042%
109	8.621	8.608	8.638	VV	4238	53241	0.58%	0.016%
110	8.658	8.638	8.677	VV	7338	107379	1.16%	0.032%
111	8.698	8.677	8.737	VV	13591	262670	2.84%	0.079%
112	8.754	8.737	8.770	VV	13379	147461	1.60%	0.044%
113	8.809	8.770	8.885	VV	17774	449790	4.87%	0.135%
114	8.902	8.885	8.918	VV	3485	48665	0.53%	0.015%
115	9.075	9.020	9.094	PV	13776	198517	2.15%	0.060%
116	9.108	9.094	9.125	VV	8761	100103	1.08%	0.030%
117	9.139	9.125	9.150	VV	3646	43977	0.48%	0.013%
118	9.170	9.150	9.200	VV	7108	135516	1.47%	0.041%
119	9.239	9.200	9.266	VV	4463	116984	1.27%	0.035%
120	9.286	9.266	9.306	VV	5908	69994	0.76%	0.021%
121	9.329	9.306	9.363	VV	7517	165655	1.79%	0.050%
122	9.384	9.363	9.410	VV	9389	150760	1.63%	0.045%
123	9.436	9.410	9.449	VV	6828	110188	1.19%	0.033%
124	9.460	9.449	9.491	VV	7317	94921	1.03%	0.029%
125	9.525	9.491	9.544	PV	9569	139710	1.51%	0.042%
126	9.557	9.544	9.598	VV	6512	120630	1.31%	0.036%
127	9.620	9.598	9.634	VV	3408	50640	0.55%	0.015%
128	9.641	9.634	9.661	VV	2788	35846	0.39%	0.011%
129	9.682	9.661	9.697	VV	4305	66126	0.72%	0.020%
130	9.711	9.697	9.734	VV	4955	85244	0.92%	0.026%
131	9.761	9.734	9.782	VV	3194	72307	0.78%	0.022%
132	9.798	9.782	9.839	VV	3311	55893	0.61%	0.017%
133	9.874	9.839	9.892	PV	39732	495531	5.37%	0.149%
134	9.905	9.892	9.939	VV	11771	198246	2.15%	0.060%
135	9.971	9.939	10.016	VV	12627	262067	2.84%	0.079%
136	10.028	10.016	10.036	VV	1977	17364	0.19%	0.005%
137	10.051	10.036	10.076	VV	3395	41247	0.45%	0.012%
138	10.128	10.076	10.136	PV	56719	581140	6.29%	0.175%
139	10.151	10.136	10.169	VV	131141	1476707	15.99%	0.444%
140	10.184	10.169	10.212	VV	80105	826766	8.95%	0.248%
141	10.234	10.212	10.249	VV	6787	108176	1.17%	0.033%

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142	10.270	10.249	10.296	VV	16942	272142	2.95%	0.082%
143	10.319	10.296	10.345	VV	14229	274541		
144	10.353	10.345	10.360	VV	5423	44982		
145	10.376	10.360	10.411	VV	9586	157433		
146	10.424	10.411	10.434	VV	1426	14040		
147	10.445	10.434	10.456	VV	1350	9320		
148	10.472	10.456	10.481	PV	1622	10960	0.12%	0.003%
149	10.519	10.481	10.537	VV	4029	75966	0.82%	0.023%
150	10.549	10.537	10.562	VV	1816	15520	0.17%	0.005%
151	10.592	10.562	10.608	PV	6518	66781	0.72%	0.020%
152	10.653	10.608	10.669	VV	110648	1359485	14.72%	0.408%
153	10.675	10.669	10.719	VV	35999	620467	6.72%	0.186%
154	10.730	10.719	10.746	VV	8322	117377	1.27%	0.035%
155	10.763	10.746	10.787	VV	7498	140128	1.52%	0.042%
156	10.849	10.787	10.872	VV	24363	527504	5.71%	0.158%
157	10.881	10.872	10.892	VV	7335	77311	0.84%	0.023%
158	10.911	10.892	10.934	VV	31093	389399	4.22%	0.117%
159	10.972	10.934	10.988	VV	51429	774840	8.39%	0.233%
160	11.001	10.988	11.015	VV	30761	365652	3.96%	0.110%
161	11.045	11.015	11.072	VV	29605	670613	7.26%	0.201%
162	11.110	11.072	11.114	VV	25337	359596	3.89%	0.108%
163	11.132	11.114	11.149	VV	27483	469205	5.08%	0.141%
164	11.169	11.149	11.182	VV	38696	532459	5.77%	0.160%
165	11.190	11.182	11.212	VV	28371	372086	4.03%	0.112%
166	11.235	11.212	11.256	VV	47660	608955	6.59%	0.183%
167	11.293	11.256	11.306	VV	33838	579418	6.27%	0.174%
168	11.325	11.306	11.343	VV	134414	1591755	17.24%	0.478%
169	11.354	11.343	11.376	VV	31161	400188	4.33%	0.120%
170	11.401	11.376	11.433	VV	55194	1016943	11.01%	0.306%
171	11.465	11.433	11.489	VV	15219	317705	3.44%	0.095%
172	11.508	11.489	11.534	VV	17636	231105	2.50%	0.069%
173	11.584	11.534	11.592	PV	6566	175086	1.90%	0.053%
174	11.619	11.592	11.644	VV	18189	281806	3.05%	0.085%
175	11.680	11.644	11.716	PV	13802	328090	3.55%	0.099%
176	11.734	11.716	11.744	VV	7335	81207	0.88%	0.024%
177	11.800	11.744	11.826	VV	37093	990266	10.72%	0.298%
178	11.853	11.826	11.872	VV	32721	624822	6.77%	0.188%
179	11.888	11.872	11.912	VV	21920	362112	3.92%	0.109%
180	11.932	11.912	11.948	VV	14077	196233	2.13%	0.059%
181	11.989	11.948	12.008	VV	25975	543742	5.89%	0.163%
182	12.016	12.008	12.029	VV	15825	175777	1.90%	0.053%
183	12.048	12.029	12.077	VV	26272	467220	5.06%	0.140%
184	12.133	12.077	12.145	VV	19955	369442	4.00%	0.111%
185	12.166	12.145	12.216	VV	41796	962107	10.42%	0.289%
186	12.255	12.216	12.269	VV	27864	610227	6.61%	0.183%
187	12.291	12.269	12.334	VV	51088	1233249	13.36%	0.371%
188	12.367	12.334	12.372	VV	14955	297003	3.22%	0.089%
189	12.398	12.372	12.428	VV	22160	587452	6.36%	0.176%
190	12.451	12.428	12.467	VV	27999	524099	5.68%	0.157%
191	12.472	12.467	12.479	VV	24712	151347	1.64%	0.045%
192	12.496	12.479	12.522	VV	39903	674074	7.30%	0.203%
193	12.544	12.522	12.587	VV	58159	1489683	16.13%	0.448%
194	12.613	12.587	12.639	VV	42480	1087527	11.78%	0.327%

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195	12.657	12.639	12.674	VV	36596	628449	6.81%	0.189%
196	12.728	12.674	12.772	VV	297899	5806815	6.24%	0.173%
197	12.787	12.772	12.799	VV	30557	438621	6.67%	0.185%
198	12.802	12.799	12.806	VV	27265	114425	15.39%	0.427%
199	12.827	12.806	12.832	VV	32600	455718	4.23%	0.117%
200	12.843	12.832	12.872	VV	35541	741536	10.87%	0.302%
201	12.886	12.872	12.909	VV	33462	576667	13.31%	0.369%
202	12.931	12.909	12.946	VV	32749	616066	8.13%	0.226%
203	12.996	12.946	13.010	VV	52552	1420981	48.39%	1.343%
204	13.016	13.010	13.025	VV	45420	390320	18.02%	0.500%
205	13.041	13.025	13.067	VV	46259	1004124	11.56%	0.321%
206	13.092	13.067	13.111	VV	63894	1229406	17.13%	0.475%
207	13.119	13.111	13.140	VV	47727	751116	17.36%	0.482%
208	13.171	13.140	13.191	VV	336571	4468597	3.51%	0.097%
209	13.209	13.191	13.243	VV	73195	1664045	18.23%	0.506%
210	13.266	13.243	13.282	VV	49504	1067340	53.77%	1.492%
211	13.302	13.282	13.332	VV	67240	1581604	9.39%	0.260%
212	13.354	13.332	13.382	VV	70312	1603160	16.69%	0.463%
213	13.387	13.382	13.397	VV	38854	324241	15.42%	0.428%
214	13.421	13.397	13.447	VV	74864	1682981	20.03%	0.556%
215	13.473	13.447	13.514	VV	301491	4964956	100.00%	2.774%
216	13.527	13.514	13.542	VV	56846	866688	23.27%	0.646%
217	13.561	13.542	13.599	VV	64276	1541190	17.21%	0.477%
218	13.624	13.599	13.653	VV	57852	1423666	13.43%	0.373%
219	13.680	13.653	13.720	VV	64107	1849332	4.41%	0.122%
220	13.763	13.720	13.794	VV	404325	9234105	59.29%	1.645%
221	13.799	13.794	13.822	VV	157691	2149202	17.94%	0.498%
222	13.831	13.822	13.853	VV	105248	1589230	13.01%	0.361%
223	13.870	13.853	13.889	VV	64069	1240000	13.79%	0.382%
224	13.893	13.889	13.905	VV	51303	406894	16.50%	0.458%
225	13.966	13.905	13.999	VV	241481	5475306	27.13%	0.753%
226	14.021	13.999	14.050	VV	63657	1656181	9.40%	0.261%
227	14.064	14.050	14.083	VV	69026	1201096	2.29%	0.064%
228	14.090	14.083	14.132	VV	60586	1273050	14.87%	0.412%
229	14.173	14.132	14.190	VV	54846	1523209	10.97%	0.304%
230	14.216	14.190	14.247	VV	120337	2505363	7.26%	0.202%
231	14.262	14.247	14.277	VV	60489	867638	12.28%	0.341%
232	14.280	14.277	14.286	VV	40892	211830	16.65%	0.462%
233	14.313	14.286	14.334	VV	57545	1372718	19.17%	0.532%
234	14.345	14.334	14.372	VV	56429	1013001	10.14%	0.281%
235	14.386	14.372	14.400	VV	47228	670703	7.58%	0.210%
236	14.419	14.400	14.440	VV	62868	1133699	7.88%	0.219%
237	14.467	14.440	14.501	VV	57083	1537830	18.55%	0.515%
238	14.530	14.501	14.579	VV	48751	1770286	9.93%	0.275%
239	14.601	14.579	14.621	VV	46876	936091	4.37%	0.121%
240	14.650	14.621	14.659	VV	36624	700357	10.64%	0.295%
241	14.679	14.659	14.690	VV	44530	727305	7.88%	0.219%
242	14.727	14.690	14.748	VV	65641	1713068	18.55%	0.515%
243	14.768	14.748	14.782	VV	54159	916505	9.93%	0.275%
244	14.789	14.782	14.797	VV	48281	403089	4.37%	0.121%
245	14.806	14.797	14.829	VV	63096	982303	10.64%	0.295%
246	14.842	14.829	14.881	VV	50107	1334155	14.45%	0.401%

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247	14.894	14.881	14.932	VV	45530	1127482	12.21%	0.339%
248	14.990	14.932	15.018	VV	66793	2231510	24.33%	0.339%
249	15.026	15.018	15.032	VV	42426	327012	3.33%	0.339%
250	15.053	15.032	15.079	VV	82311	1601731	17.00%	0.339%
251	15.115	15.079	15.141	VV	76212	1904358	20.66%	0.310%
252	15.219	15.141	15.262	VV	137466	5069656	54.11%	0.310%
253	15.268	15.262	15.302	VV	49710	1031466	11.17%	0.310%
254	15.310	15.302	15.315	VV	41190	276108	2.99%	0.083%
255	15.326	15.315	15.340	VV	58348	673862	7.30%	0.202%
256	15.375	15.340	15.393	VV	233113	4129763	44.72%	1.241%
257	15.416	15.393	15.456	VV	264657	4394533	47.59%	1.320%
258	15.463	15.456	15.473	VV	31838	297889	3.23%	0.089%
259	15.482	15.473	15.489	VV	33079	291589	3.16%	0.088%
260	15.499	15.489	15.508	VV	38036	368554	3.99%	0.111%
261	15.511	15.508	15.517	VV	38262	186834	2.02%	0.056%
262	15.535	15.517	15.541	VV	57479	669874	7.25%	0.201%
263	15.545	15.541	15.558	VV	55981	466326	5.05%	0.140%
264	15.565	15.558	15.581	VV	48493	563970	6.11%	0.169%
265	15.613	15.581	15.645	VV	109937	2492527	26.99%	0.749%
266	15.679	15.645	15.711	VV	96657	2280389	24.70%	0.685%
267	15.720	15.711	15.759	VV	53395	1145321	12.40%	0.344%
268	15.780	15.759	15.784	VV	36109	462932	5.01%	0.139%
269	15.809	15.784	15.887	VV	77011	2867200	31.05%	0.861%
270	15.901	15.887	15.924	VV	35482	627081	6.79%	0.188%
271	15.975	15.924	16.011	VV	355962	6029759	65.30%	1.812%
272	16.015	16.011	16.021	VV	34240	190030	2.06%	0.057%
273	16.084	16.021	16.113	VV	162386	4264075	46.18%	1.281%
274	16.117	16.113	16.123	VV	29168	157434	1.70%	0.047%
275	16.128	16.123	16.154	VV	32701	442124	4.79%	0.133%
276	16.177	16.154	16.184	VV	41615	591267	6.40%	0.178%
277	16.203	16.184	16.214	VV	45255	663515	7.19%	0.199%
278	16.221	16.214	16.256	VV	40260	642659	6.96%	0.193%
279	16.263	16.256	16.269	VV	17628	131335	1.42%	0.039%
280	16.321	16.269	16.337	VV	65868	1455647	15.76%	0.437%
281	16.347	16.337	16.367	VV	62305	803966	8.71%	0.242%
282	16.376	16.367	16.384	VV	31834	270739	2.93%	0.081%
283	16.388	16.384	16.396	VV	33173	170353	1.84%	0.051%
284	16.421	16.396	16.435	VV	49307	814149	8.82%	0.245%
285	16.457	16.435	16.469	VV	49356	695320	7.53%	0.209%
286	16.474	16.469	16.480	VV	37919	229610	2.49%	0.069%
287	16.495	16.480	16.509	VV	40396	551436	5.97%	0.166%
288	16.529	16.509	16.553	VV	36217	874593	9.47%	0.263%
289	16.574	16.553	16.592	VV	37671	706373	7.65%	0.212%
290	16.614	16.592	16.626	VV	39475	575550	6.23%	0.173%
291	16.629	16.626	16.635	VV	34603	167995	1.82%	0.050%
292	16.678	16.635	16.706	VV	95680	2505408	27.13%	0.753%
293	16.737	16.706	16.771	VV	95321	2184675	23.66%	0.656%
294	16.796	16.771	16.807	VV	62570	1134937	12.29%	0.341%
295	16.829	16.807	16.854	VV	80400	1871949	20.27%	0.562%
296	16.858	16.854	16.898	VV	57277	1193908	12.93%	0.359%
297	16.957	16.898	17.006	VV	266321	7802247	84.49%	2.344%
298	17.030	17.006	17.062	VV	127764	2794834	30.27%	0.840%
299	17.092	17.062	17.114	VV	116698	2486876	26.93%	0.747%

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300	17.117	17.114	17.121	VV	65061	249305	2.70%	0.075%
301	17.124	17.121	17.150	VV	64998	919545		
302	17.178	17.150	17.189	VV	60666	1154669	12.51%	0.082%
303	17.192	17.189	17.197	VV	47944	220413	2.92%	0.082%
304	17.204	17.197	17.223	VV	50344	667550	7.54%	0.182%
305	17.250	17.223	17.262	VV	88251	1624165	17.36%	0.191%
306	17.286	17.262	17.309	VV	176533	3283230	35.56%	0.986%
307	17.343	17.309	17.377	VV	169344	3466257	37.54%	1.041%
308	17.402	17.377	17.428	VV	144580	2843911	30.80%	0.854%
309	17.445	17.428	17.468	VV	102581	1890188	20.47%	0.568%
310	17.472	17.468	17.482	VV	47938	368545	3.99%	0.111%
311	17.488	17.482	17.502	VV	52627	502495	5.44%	0.151%
312	17.528	17.502	17.539	VV	55458	970176	10.51%	0.291%
313	17.544	17.539	17.549	VV	50708	272008	2.95%	0.082%
314	17.559	17.549	17.569	VV	62957	606125	6.56%	0.182%
315	17.578	17.569	17.591	VV	60493	637024	6.90%	0.191%
316	17.608	17.591	17.627	VV	59768	1061373	11.49%	0.319%
317	17.678	17.627	17.695	VV	83069	2227193	24.12%	0.669%
318	17.713	17.695	17.741	VV	71456	1717266	18.60%	0.516%
319	17.753	17.741	17.770	VV	75965	1137989	12.32%	0.342%
320	17.787	17.770	17.809	VV	82200	1565108	16.95%	0.470%
321	17.818	17.809	17.832	VV	56866	745654	8.08%	0.224%
322	17.834	17.832	17.838	VV	55262	177700	1.92%	0.053%
323	17.869	17.838	17.896	VV	136048	2918683	31.61%	0.877%
324	17.907	17.896	17.914	VV	53412	491354	5.32%	0.148%
325	17.922	17.914	17.929	VV	50523	426985	4.62%	0.128%
326	17.935	17.929	17.945	VV	50519	422701	4.58%	0.127%
327	17.953	17.945	17.980	VV	50172	863001	9.35%	0.259%
328	18.000	17.980	18.031	VV	82189	1656592	17.94%	0.498%
329	18.035	18.031	18.040	VV	24569	121881	1.32%	0.037%
330	18.055	18.040	18.060	VV	40575	379338	4.11%	0.114%
331	18.063	18.060	18.068	VV	35195	170399	1.85%	0.051%
332	18.081	18.068	18.087	VV	46386	424564	4.60%	0.128%
333	18.089	18.087	18.104	VV	42554	341633	3.70%	0.103%
334	18.110	18.104	18.119	VV	35912	281498	3.05%	0.085%
335	18.142	18.119	18.167	VV	56296	1164781	12.61%	0.350%
336	18.176	18.167	18.189	VV	41474	478058	5.18%	0.144%
337	18.240	18.189	18.256	VV	74202	1960064	21.23%	0.589%
338	18.269	18.256	18.274	VV	42740	389484	4.22%	0.117%
339	18.313	18.274	18.361	VV	101891	2961494	32.07%	0.890%
340	18.372	18.361	18.393	VV	47336	747695	8.10%	0.225%
341	18.402	18.393	18.431	VV	44025	744293	8.06%	0.224%
342	18.479	18.431	18.499	VV	156675	3508407	37.99%	1.054%
343	18.505	18.499	18.512	VV	105238	789434	8.55%	0.237%
344	18.514	18.512	18.549	VV	94891	1324118	14.34%	0.398%
345	18.557	18.549	18.572	VV	54645	606884	6.57%	0.182%
346	18.582	18.572	18.611	VV	47423	840240	9.10%	0.252%
347	18.641	18.611	18.651	VV	83872	1324755	14.35%	0.398%
348	18.670	18.651	18.700	VV	178788	3735272	40.45%	1.122%
349	18.738	18.700	18.774	VV	209338	5086131	55.08%	1.528%
350	18.779	18.774	18.797	VV	55480	539827	5.85%	0.162%
351	18.808	18.797	18.816	VV	45509	450744	4.88%	0.135%

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352	18.849	18.816	18.876	VV	133549	3170725	34.34%	0.953%
353	18.882	18.876	18.919	VV	83140	1661260	17.88%	0.953%
354	18.927	18.919	18.956	VV	56747	767081	8.06%	0.953%
355	18.960	18.956	18.966	VV	15725	58146	0.27%	0.953%
356	19.001	18.966	19.024	VV	161408	2849848	30.69%	0.058%
357	19.034	19.024	19.039	VV	43783	304187	3.34%	0.058%
358	19.043	19.039	19.051	VV	36930	192876	2.09%	0.058%
359	19.079	19.051	19.106	VV	68384	1324660	14.35%	0.398%
360	19.111	19.106	19.115	VV	27446	133505	1.45%	0.040%
361	19.146	19.115	19.182	VV	88068	1796163	19.45%	0.540%
362	19.211	19.182	19.219	PV	16986	216988	2.35%	0.065%
363	19.225	19.219	19.240	VV	22938	167291	1.81%	0.050%
364	19.278	19.240	19.302	VV	98950	1847425	20.01%	0.555%
365	19.322	19.302	19.350	VV	78385	1295622	14.03%	0.389%
366	19.359	19.350	19.378	VV	20494	221305	2.40%	0.066%
367	19.454	19.378	19.464	PV	28953	727140	7.87%	0.218%
368	19.487	19.464	19.502	VV	52756	819642	8.88%	0.246%
369	19.525	19.502	19.584	VV	95199	2265317	24.53%	0.681%
370	19.609	19.584	19.621	PBA	32822	722893	7.83%	0.217%
371	19.701	19.621	19.722	BV	52109	1109582	12.02%	0.333%
372	19.736	19.722	19.774	VV	58752	1037460	11.24%	0.312%
373	19.806	19.774	19.845	PV	56702	1267733	13.73%	0.381%
374	19.872	19.845	19.904	VV	36236	719137	7.79%	0.216%
375	19.911	19.904	19.916	VV	15495	86635	0.94%	0.026%
376	19.940	19.916	19.959	VV	65196	940072	10.18%	0.282%
377	19.988	19.959	20.003	VV	140761	2291063	24.81%	0.688%
378	20.012	20.003	20.051	VV	111529	1884571	20.41%	0.566%
379	20.084	20.051	20.131	VV	69524	1655979	17.93%	0.498%
380	20.171	20.131	20.201	PV	57791	1526124	16.53%	0.459%
381	20.205	20.201	20.213	VV	35950	193401	2.09%	0.058%
382	20.236	20.213	20.277	VV	73675	1555264	16.84%	0.467%
383	20.320	20.277	20.361	PBA	75324	1339458	14.51%	0.402%
384	20.385	20.361	20.390	BV	6723	-17587	-0.19%	-0.005%
385	20.397	20.390	20.411	VV	10198	63829	0.69%	0.019%
386	20.417	20.411	20.434	PV	6922	42562	0.46%	0.013%
387	20.446	20.434	20.462	PV	16900	147390	1.60%	0.044%
388	20.467	20.462	20.472	PV	12508	52861	0.57%	0.016%
389	20.487	20.472	20.492	VV	24773	194014	2.10%	0.058%
390	20.498	20.492	20.502	VV	18500	84081	0.91%	0.025%
391	20.504	20.502	20.512	VV	16133	55792	0.60%	0.017%
392	20.562	20.512	20.584	PV	58228	894306	9.68%	0.269%
393	20.592	20.584	20.601	PBA	19264	104142	1.13%	0.031%
394	20.641	20.619	20.669	BV	6761	30702	0.33%	0.009%
395	20.694	20.669	20.742	PV	39482	799443	8.66%	0.240%
396	20.747	20.742	20.752	VV	14067	49670	0.54%	0.015%
397	20.775	20.752	20.780	VV	29865	346487	3.75%	0.104%
398	20.783	20.780	20.801	VV	28964	181546	1.97%	0.055%
399	20.802	20.801	20.807	VV	9318	24061	0.26%	0.007%
400	20.812	20.807	20.826	VV	10629	69889	0.76%	0.021%
401	20.830	20.826	20.838	PV	12742	63914	0.69%	0.019%
402	20.851	20.838	20.896	VV	23997	409738	4.44%	0.123%
403	20.905	20.896	20.911	VV	15957	76261	0.83%	0.023%
404	20.919	20.911	20.959	VV	24849	456855	4.95%	0.137%

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405	20.971	20.959	20.974	VV	17386	122670	1.33%	0.037%
406	20.980	20.974	20.984	VV	22990	100147		
407	20.988	20.984	21.042	VV	17407	399155		
408	21.072	21.042	21.078	PV	13400	213586		
409	21.098	21.081	21.106	BV	10226	17844		
410	21.111	21.106	21.124	VV	9566	54831		
411	21.132	21.124	21.139	PV	14119	69855	0.76%	0.021%
412	21.147	21.139	21.172	VV	17238	180731	1.96%	0.054%
413	21.200	21.172	21.206	PV	26800	243179	2.63%	0.073%
414	21.216	21.206	21.230	VV	29398	354379	3.84%	0.106%
415	21.245	21.230	21.273	VV	33038	727651	7.88%	0.219%
416	21.286	21.273	21.339	VV	32449	869269	9.41%	0.261%
417	21.343	21.339	21.351	VV	21067	90114	0.98%	0.027%
418	21.355	21.351	21.369	VV	15691	122438	1.33%	0.037%
419	21.389	21.369	21.404	VV	21247	240141	2.60%	0.072%
420	21.410	21.404	21.424	PV	12370	89316	0.97%	0.027%
421	21.465	21.424	21.483	VV	32841	590204	6.39%	0.177%
422	21.491	21.483	21.519	VV	34911	482025	5.22%	0.145%
423	21.522	21.519	21.532	VV	17881	103653	1.12%	0.031%
424	21.541	21.532	21.596	VV	19779	393781	4.26%	0.118%
425	21.601	21.596	21.631	VV	8155	147167	1.59%	0.044%
426	21.662	21.631	21.668	VV	19151	199097	2.16%	0.060%
427	21.681	21.668	21.688	VV	17188	133052	1.44%	0.040%
428	21.694	21.688	21.699	VV	15250	82090	0.89%	0.025%
429	21.705	21.699	21.714	VV	20004	134611	1.46%	0.040%
430	21.717	21.714	21.728	VV	17848	72523	0.79%	0.022%
431	21.745	21.728	21.784	VV	24230	483447	5.24%	0.145%
432	21.807	21.784	21.823	PV	18923	296863	3.21%	0.089%
433	21.828	21.823	21.843	VV	20134	171268	1.85%	0.051%
434	21.847	21.843	21.858	VV	15257	93284	1.01%	0.028%
435	21.869	21.858	21.877	VV	17934	140306	1.52%	0.042%
436	21.885	21.877	21.907	VV	15034	199727	2.16%	0.060%
437	21.912	21.907	21.920	VV	16282	80373	0.87%	0.024%
438	21.927	21.920	21.945	VV	21066	217683	2.36%	0.065%
439	21.965	21.945	21.971	VV	33901	368147	3.99%	0.111%
440	21.975	21.971	22.000	VV	32868	285200	3.09%	0.086%
441	22.004	22.000	22.024	VV	14782	133406	1.44%	0.040%
442	22.032	22.024	22.039	VV	19863	113168	1.23%	0.034%
443	22.050	22.039	22.054	VV	17044	105856	1.15%	0.032%
444	22.066	22.054	22.081	VV	26940	348175	3.77%	0.105%
445	22.086	22.081	22.089	VV	21475	86913	0.94%	0.026%
446	22.092	22.089	22.096	VV	27708	94891	1.03%	0.029%
447	22.101	22.096	22.131	VV	21279	438286	4.75%	0.132%
448	22.135	22.131	22.144	VV	20606	90649	0.98%	0.027%
449	22.147	22.144	22.153	VV	14177	49325	0.53%	0.015%
450	22.158	22.153	22.162	VV	7053	40850	0.44%	0.012%
451	22.168	22.162	22.181	VV	12713	65123	0.71%	0.020%
452	22.185	22.181	22.194	VV	7302	31961	0.35%	0.010%
453	22.199	22.194	22.219	VV	8253	110269	1.19%	0.033%
454	22.226	22.219	22.264	VV	11792	188695	2.04%	0.057%
455	22.267	22.264	22.279	VV	15655	72835	0.79%	0.022%
456	22.283	22.279	22.296	VV	11892	69366	0.75%	0.021%

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457	22.301	22.296	22.305	VV	11488	48489	
458	22.315	22.305	22.341	VV	15536	217624	
459	22.345	22.341	22.354	VV	11539	44080	
460	22.364	22.354	22.396	PV	13307	223680	
461	22.409	22.396	22.414	VV	16729	96807	
462	22.422	22.414	22.466	VV	20442	383375	
463	22.512	22.466	22.574	VV	47206	1433315	15.52% 0.431%
464	22.585	22.574	22.594	PV	8329	58115	0.63% 0.017%
465	22.598	22.594	22.601	PBA	8191	-76077	-0.82% -0.023%

Sum of corrected areas: 332843187

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Manual IntegrationsAPPROVED

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