

rters

Instrument :

FID_F

ClientSampleId :

HB-2-(20-25)-12-17-21MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2021

Supervised By :mohammad ahmed 12/22/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122121
Data File : FF009503.D
Signal(s) : FID2B.ch
Acq On : 21 Dec 2021 20:37
Sample : M5182-06MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.133	2.100	2.166	BH	-4	-6700	-0.08%	-0.003%
2	2.192	2.166	2.243	PH	338313	2366739	28.41%	0.893%
3	2.244	2.243	2.250	PH	9	-126	-0.00%	-0.000%
4	2.265	2.250	2.280	PH	161	-407	-0.00%	-0.000%
5	2.287	2.280	2.305	PH	-174	-3283	-0.04%	-0.001%
6	2.316	2.305	2.333	PH	-116	-2741	-0.03%	-0.001%
7	2.341	2.333	2.367	PH	-69	-3941	-0.05%	-0.001%
8	2.381	2.367	2.403	PH	308	-224	-0.00%	-0.000%
9	2.423	2.403	2.445	PH	736	4800	0.06%	0.002%
10	2.460	2.445	2.471	PH	551	3517	0.04%	0.001%
11	2.479	2.471	2.502	HH	441	1231	0.01%	0.000%
12	2.512	2.502	2.523	PH	-37	-1684	-0.02%	-0.001%
13	2.541	2.523	2.566	PH	827	6719	0.08%	0.003%
14	2.576	2.566	2.603	PH	218	-674	-0.01%	-0.000%
15	2.660	2.603	2.681	PH	865	4372	0.05%	0.002%
16	2.699	2.681	2.721	PH	-106	-5064	-0.06%	-0.002%
17	2.742	2.721	2.755	PH	104	-1998	-0.02%	-0.001%
18	2.772	2.755	2.782	PH	156	-702	-0.01%	-0.000%
19	2.789	2.782	2.793	PH	10	-258	-0.00%	-0.000%
20	2.798	2.793	2.819	PH	78	-1667	-0.02%	-0.001%
21	2.828	2.819	2.831	PH	-200	-1458	-0.02%	-0.001%
22	2.856	2.831	2.872	PH	335	292	0.00%	0.000%
23	2.886	2.872	2.900	PH	430	1620	0.02%	0.001%
24	2.903	2.900	2.912	PH	55	-317	-0.00%	-0.000%
25	2.949	2.912	2.974	PH	966	9820	0.12%	0.004%
26	3.007	2.974	3.027	PH	2246	32858	0.39%	0.012%
27	3.039	3.027	3.068	HH	1227	14825	0.18%	0.006%
28	3.072	3.068	3.083	HH	246	955	0.01%	0.000%
29	3.087	3.083	3.096	PH	62	110	0.00%	0.000%
30	3.100	3.096	3.113	PH	80	-319	-0.00%	-0.000%
31	3.119	3.113	3.124	PH	-5	-501	-0.01%	-0.000%
32	3.140	3.124	3.157	PH	809	6590	0.08%	0.002%
33	3.168	3.157	3.175	HH	468	3440	0.04%	0.001%
34	3.190	3.175	3.199	HH	1779	16685	0.20%	0.006%
35	3.213	3.199	3.228	HH	4360	40616	0.49%	0.015%
36	3.235	3.228	3.274	HH	961	6769	0.08%	0.003%

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37	3.292	3.274	3.302	PH	145	201	0.00%	0.000%
38	3.319	3.302	3.330	PH	2542	23291		
39	3.342	3.330	3.360	HH	2348	25017		
40	3.375	3.360	3.420	HH	2068	38300		
41	3.433	3.420	3.446	HH	1354	11097		
42	3.465	3.446	3.492	HH	3205	38840		
43	3.524	3.492	3.543	PH	3066	45238	0.54%	0.017%
44	3.567	3.543	3.608	HH	7184	133281	1.60%	0.050%
45	3.638	3.608	3.670	HH	6996	115076	1.38%	0.043%
46	3.686	3.670	3.715	HH	3069	38530	0.46%	0.015%
47	3.731	3.715	3.749	HH	4260	38233	0.46%	0.014%
48	3.781	3.749	3.799	HH	3248	55965	0.67%	0.021%
49	3.806	3.799	3.828	HH	3167	29260	0.35%	0.011%
50	3.847	3.828	3.869	HH	2679	38432	0.46%	0.014%
51	3.882	3.869	3.909	HH	13192	183464	2.20%	0.069%
52	3.920	3.909	3.942	HH	6806	104809	1.26%	0.040%
53	3.951	3.942	3.976	HH	5326	70451	0.85%	0.027%
54	3.997	3.976	4.006	HH	3150	42834	0.51%	0.016%
55	4.022	4.006	4.045	HH	3728	65925	0.79%	0.025%
56	4.061	4.045	4.082	HH	4520	70384	0.85%	0.027%
57	4.101	4.082	4.136	HH	5473	84611	1.02%	0.032%
58	4.171	4.136	4.188	HH	7351	93251	1.12%	0.035%
59	4.210	4.188	4.215	HH	3771	44397	0.53%	0.017%
60	4.224	4.215	4.233	HH	4153	43324	0.52%	0.016%
61	4.259	4.233	4.287	HH	329470	3019377	36.25%	1.139%
62	4.294	4.287	4.309	HH	3737	36923	0.44%	0.014%
63	4.325	4.309	4.355	HH	6543	97256	1.17%	0.037%
64	4.358	4.355	4.371	HH	1753	15977	0.19%	0.006%
65	4.415	4.371	4.436	HH	7847	158866	1.91%	0.060%
66	4.453	4.436	4.468	HH	11933	159135	1.91%	0.060%
67	4.475	4.468	4.499	HH	6725	98174	1.18%	0.037%
68	4.511	4.499	4.525	HH	6928	77979	0.94%	0.029%
69	4.537	4.525	4.547	HH	4156	49980	0.60%	0.019%
70	4.565	4.547	4.575	HH	7540	103646	1.24%	0.039%
71	4.583	4.575	4.599	HH	7611	84320	1.01%	0.032%
72	4.628	4.599	4.644	HH	10693	182978	2.20%	0.069%
73	4.668	4.644	4.694	HH	13366	274821	3.30%	0.104%
74	4.697	4.694	4.707	HH	5157	37470	0.45%	0.014%
75	4.724	4.707	4.755	HH	14494	233369	2.80%	0.088%
76	4.775	4.755	4.799	HH	6840	138830	1.67%	0.052%
77	4.814	4.799	4.831	HH	5884	83876	1.01%	0.032%
78	4.857	4.831	4.862	HH	4944	70449	0.85%	0.027%
79	4.878	4.862	4.893	HH	9289	133143	1.60%	0.050%
80	4.898	4.893	4.922	HH	5802	72055	0.87%	0.027%
81	4.944	4.922	4.955	HH	8362	111852	1.34%	0.042%
82	4.969	4.955	4.982	HH	14207	166563	2.00%	0.063%
83	4.988	4.982	4.996	HH	8933	73190	0.88%	0.028%
84	5.003	4.996	5.012	HH	8793	80928	0.97%	0.031%
85	5.016	5.012	5.033	HH	8586	81763	0.98%	0.031%
86	5.051	5.033	5.074	HH	7820	150394	1.81%	0.057%
87	5.091	5.074	5.102	HH	7844	116277	1.40%	0.044%
88	5.116	5.102	5.135	HH	9252	158123	1.90%	0.060%
89	5.148	5.135	5.163	HH	8795	126125	1.51%	0.048%

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90	5.179	5.163	5.193	HH	15593	197842	2.38%	0.075%
91	5.207	5.193	5.253	HH	13544	339418		
92	5.268	5.253	5.280	HH	8689	112510		
93	5.309	5.280	5.332	HH	30151	476534		
94	5.360	5.332	5.375	HH	11586	228253		
95	5.378	5.375	5.395	HH	9019	89799		
96	5.410	5.395	5.424	HH	9641	143698	1.73%	0.054%
97	5.435	5.424	5.446	HH	8400	100995	1.21%	0.038%
98	5.467	5.446	5.494	HH	34638	499000	5.99%	0.188%
99	5.517	5.494	5.529	HH	10371	202376	2.43%	0.076%
100	5.543	5.529	5.557	HH	10925	162312	1.95%	0.061%
101	5.578	5.557	5.620	HH	16062	422734	5.08%	0.159%
102	5.637	5.620	5.649	HH	12786	175801	2.11%	0.066%
103	5.656	5.649	5.666	HH	10307	99688	1.20%	0.038%
104	5.682	5.666	5.688	HH	14287	160922	1.93%	0.061%
105	5.696	5.688	5.719	HH	15503	197168	2.37%	0.074%
106	5.743	5.719	5.761	HH	16937	273631	3.29%	0.103%
107	5.793	5.761	5.812	HH	19710	411084	4.94%	0.155%
108	5.823	5.812	5.830	HH	11988	130326	1.56%	0.049%
109	5.839	5.830	5.853	HH	11937	157799	1.89%	0.060%
110	5.878	5.853	5.897	HH	15150	337447	4.05%	0.127%
111	5.933	5.897	5.951	HH	16844	434652	5.22%	0.164%
112	5.969	5.951	5.997	HH	18591	413095	4.96%	0.156%
113	6.009	5.997	6.050	HH	17738	474337	5.69%	0.179%
114	6.074	6.050	6.109	HH	20870	569580	6.84%	0.215%
115	6.113	6.109	6.125	HH	14573	130998	1.57%	0.049%
116	6.146	6.125	6.164	HH	24794	431683	5.18%	0.163%
117	6.196	6.164	6.210	HH	23702	529139	6.35%	0.200%
118	6.218	6.210	6.237	HH	20240	285052	3.42%	0.108%
119	6.268	6.237	6.317	HH	326725	3732098	44.81%	1.408%
120	6.353	6.317	6.377	HH	20007	551417	6.62%	0.208%
121	6.392	6.377	6.400	HH	17917	216271	2.60%	0.082%
122	6.416	6.400	6.438	HH	34953	574562	6.90%	0.217%
123	6.452	6.438	6.475	HH	29442	479592	5.76%	0.181%
124	6.487	6.475	6.498	HH	16360	204261	2.45%	0.077%
125	6.540	6.498	6.559	HH	21518	644243	7.73%	0.243%
126	6.587	6.559	6.611	HH	25602	618916	7.43%	0.233%
127	6.620	6.611	6.631	HH	15847	178561	2.14%	0.067%
128	6.649	6.631	6.678	HH	21680	485836	5.83%	0.183%
129	6.687	6.678	6.691	HH	13051	100671	1.21%	0.038%
130	6.722	6.691	6.740	HH	21375	507325	6.09%	0.191%
131	6.785	6.740	6.803	HH	25511	757575	9.10%	0.286%
132	6.823	6.803	6.852	HH	24065	570566	6.85%	0.215%
133	6.876	6.852	6.893	HH	23754	483666	5.81%	0.182%
134	6.899	6.893	6.924	HH	19125	323605	3.89%	0.122%
135	6.930	6.924	6.943	HH	14626	160242	1.92%	0.060%
136	6.966	6.943	7.003	HH	55831	1085350	13.03%	0.409%
137	7.022	7.003	7.044	HH	23765	480528	5.77%	0.181%
138	7.064	7.044	7.081	HH	27629	464929	5.58%	0.175%
139	7.091	7.081	7.120	HH	18140	396272	4.76%	0.149%
140	7.149	7.120	7.158	HH	22430	440246	5.29%	0.166%
141	7.165	7.158	7.176	HH	21351	223645	2.68%	0.084%

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rteres							HB-2-(20-25)-12-17-2	
142	7.189	7.176	7.211	HH	22798	406213	4.88%	0.153%
143	7.232	7.211	7.251	HH	22653	476223		
144	7.273	7.251	7.302	HH	21067	579577		
145	7.317	7.302	7.332	HH	19677	338270		
							Manual Integration	
146	7.359	7.332	7.389	HH	36297	846542	10.00%	0.100%
147	7.405	7.389	7.426	HH	20233	382010	4.00%	0.100%
148	7.445	7.426	7.457	HH	18345	299109	3.59%	0.113%
149	7.468	7.457	7.482	HH	19552	270588	3.25%	0.102%
150	7.497	7.482	7.503	HH	20823	249962	3.00%	0.094%
151	7.519	7.503	7.537	HH	25897	432177	5.19%	0.163%
152	7.550	7.537	7.582	HH	17800	439591	5.28%	0.166%
153	7.610	7.582	7.627	HH	22504	467001	5.61%	0.176%
154	7.648	7.627	7.673	HH	19516	482247	5.79%	0.182%
155	7.696	7.673	7.717	HH	18100	440334	5.29%	0.166%
156	7.749	7.717	7.769	HH	21797	599052	7.19%	0.226%
157	7.787	7.769	7.829	HH	26957	699363	8.40%	0.264%
158	7.844	7.829	7.855	HH	16835	245191	2.94%	0.092%
159	7.875	7.855	7.902	HH	48418	795707	9.55%	0.300%
160	7.922	7.902	7.945	HH	20878	470361	5.65%	0.177%
161	7.962	7.945	7.982	HH	20500	375462	4.51%	0.142%
162	8.054	7.982	8.080	HH	328182	4189554	50.30%	1.580%
163	8.100	8.080	8.117	HH	21819	414400	4.98%	0.156%
164	8.126	8.117	8.135	HH	16994	179340	2.15%	0.068%
165	8.150	8.135	8.163	HH	19621	301765	3.62%	0.114%
166	8.170	8.163	8.185	HH	17321	220005	2.64%	0.083%
167	8.206	8.185	8.223	HH	25846	454032	5.45%	0.171%
168	8.240	8.223	8.250	HH	17363	265272	3.18%	0.100%
169	8.267	8.250	8.284	HH	19249	360253	4.33%	0.136%
170	8.297	8.284	8.313	HH	16794	261474	3.14%	0.099%
171	8.337	8.313	8.367	HH	16620	482433	5.79%	0.182%
172	8.379	8.367	8.388	HH	13020	156684	1.88%	0.059%
173	8.406	8.388	8.421	HH	18945	311216	3.74%	0.117%
174	8.437	8.421	8.455	HH	15855	305051	3.66%	0.115%
175	8.468	8.455	8.484	HH	14284	232136	2.79%	0.088%
176	8.504	8.484	8.520	HH	19455	355172	4.26%	0.134%
177	8.530	8.520	8.547	HH	16492	255355	3.07%	0.096%
178	8.565	8.547	8.570	HH	18955	243918	2.93%	0.092%
179	8.588	8.570	8.611	HH	37955	595608	7.15%	0.225%
180	8.623	8.611	8.644	HH	13012	244024	2.93%	0.092%
181	8.662	8.644	8.681	HH	14839	281559	3.38%	0.106%
182	8.703	8.681	8.720	HH	13625	295748	3.55%	0.112%
183	8.732	8.720	8.752	HH	14156	237675	2.85%	0.090%
184	8.765	8.752	8.778	HH	12076	180881	2.17%	0.068%
185	8.813	8.778	8.829	HH	14462	385789	4.63%	0.146%
186	8.834	8.829	8.848	HH	12484	138277	1.66%	0.052%
187	8.869	8.848	8.888	HH	15817	323954	3.89%	0.122%
188	8.902	8.888	8.932	HH	13919	310749	3.73%	0.117%
189	8.954	8.932	8.977	HH	12404	277030	3.33%	0.105%
190	9.017	8.977	9.039	HH	11290	359123	4.31%	0.135%
191	9.069	9.039	9.083	HH	9386	227578	2.73%	0.086%
192	9.103	9.083	9.121	HH	10452	210338	2.53%	0.079%
193	9.151	9.121	9.186	HH	11011	364452	4.38%	0.137%
194	9.198	9.186	9.212	HH	8184	117426	1.41%	0.044%

195	9.247	9.212	9.271	HH	17473	410083		
196	9.288	9.271	9.302	HH	12461	189462		
197	9.317	9.302	9.347	HH	11178	251930		
198	9.356	9.347	9.367	HH	7180	85023		
199	9.378	9.367	9.391	HH	7210	103331		
200	9.426	9.391	9.452	HH	12081	302754		
201	9.479	9.452	9.505	HH	8731	213819	2.57%	0.081%
202	9.525	9.505	9.537	HH	5688	104179	1.25%	0.039%
203	9.561	9.537	9.577	HH	6950	153616	1.84%	0.058%
204	9.600	9.577	9.620	HH	7632	180810	2.17%	0.068%
205	9.647	9.620	9.693	HH	274157	3144370	37.75%	1.186%
206	9.722	9.693	9.733	HH	5754	131946	1.58%	0.050%
207	9.752	9.733	9.794	HH	6864	187327	2.25%	0.071%
208	9.817	9.794	9.846	HH	4800	135684	1.63%	0.051%
209	9.855	9.846	9.865	HH	4119	47037	0.56%	0.018%
210	9.871	9.865	9.894	HH	4175	68211	0.82%	0.026%
211	9.916	9.894	9.936	HH	4272	98717	1.19%	0.037%
212	9.974	9.936	10.003	HH	6123	181441	2.18%	0.068%
213	10.031	10.003	10.054	HH	9928	202812	2.43%	0.077%
214	10.061	10.054	10.074	HH	4955	55712	0.67%	0.021%
215	10.112	10.074	10.142	HH	5517	198626	2.38%	0.075%
216	10.160	10.142	10.210	HH	5308	172245	2.07%	0.065%
217	10.227	10.210	10.241	HH	4006	67416	0.81%	0.025%
218	10.262	10.241	10.280	HH	6181	109958	1.32%	0.041%
219	10.290	10.280	10.295	HH	4192	37437	0.45%	0.014%
220	10.307	10.295	10.327	HH	4277	77435	0.93%	0.029%
221	10.337	10.327	10.350	HH	3924	52492	0.63%	0.020%
222	10.381	10.350	10.419	HH	6146	177750	2.13%	0.067%
223	10.452	10.419	10.472	HH	8095	174340	2.09%	0.066%
224	10.485	10.472	10.504	HH	5632	91012	1.09%	0.034%
225	10.509	10.504	10.543	HH	4278	87940	1.06%	0.033%
226	10.561	10.543	10.584	HH	3053	72426	0.87%	0.027%
227	10.596	10.584	10.619	HH	3050	61444	0.74%	0.023%
228	10.638	10.619	10.662	HH	4134	87117	1.05%	0.033%
229	10.697	10.662	10.737	HH	4662	172680	2.07%	0.065%
230	10.754	10.737	10.787	HH	4064	105003	1.26%	0.040%
231	10.795	10.787	10.815	HH	3387	52773	0.63%	0.020%
232	10.849	10.815	10.872	HH	4639	123292	1.48%	0.047%
233	10.886	10.872	10.900	HH	3514	53209	0.64%	0.020%
234	10.917	10.900	10.934	HH	3279	62784	0.75%	0.024%
235	10.938	10.934	10.957	HH	3151	40671	0.49%	0.015%
236	11.016	10.957	11.039	HH	3742	149735	1.80%	0.056%
237	11.083	11.039	11.116	HH	269260	3201588	38.44%	1.208%
238	11.124	11.116	11.137	HH	3541	42683	0.51%	0.016%
239	11.160	11.137	11.213	HH	9003	224782	2.70%	0.085%
240	11.238	11.213	11.257	HH	8066	132902	1.60%	0.050%
241	11.271	11.257	11.301	HH	4224	93508	1.12%	0.035%
242	11.319	11.301	11.345	HH	3303	80462	0.97%	0.030%
243	11.374	11.345	11.382	HH	4669	85002	1.02%	0.032%
244	11.391	11.382	11.411	HH	4487	67771	0.81%	0.026%
245	11.429	11.411	11.449	HH	4786	90770	1.09%	0.034%
246	11.470	11.449	11.490	HH	4661	103569	1.24%	0.039%

Instrument :

FID_F

ClientSampleId :

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4.92% 0.155%

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/22/2021

247	11.510	11.490	11.550	HH	5873	171611	2.06%	0.065%
248	11.561	11.550	11.602	HH	4066	114292		
249	11.607	11.602	11.614	HH	3205	21851		
250	11.633	11.614	11.667	HH	3386	102512		
251	11.687	11.667	11.704	HH	3460	69756		
252	11.726	11.704	11.770	HH	4895	164693		
253	11.801	11.770	11.816	HH	5717	122494	1.47%	0.046%
254	11.837	11.816	11.864	HH	12578	210256	2.52%	0.079%
255	11.874	11.864	11.893	HH	3805	64558	0.78%	0.024%
256	11.903	11.893	11.919	HH	3772	55427	0.67%	0.021%
257	11.949	11.919	11.962	HH	4210	97924	1.18%	0.037%
258	12.005	11.962	12.057	HH	40373	716268	8.60%	0.270%
259	12.093	12.057	12.117	HH	6990	212075	2.55%	0.080%
260	12.141	12.117	12.160	HH	6610	141840	1.70%	0.054%
261	12.174	12.160	12.189	HH	5008	84722	1.02%	0.032%
262	12.212	12.189	12.282	HH	5357	248335	2.98%	0.094%
263	12.313	12.282	12.351	HH	5739	190991	2.29%	0.072%
264	12.388	12.351	12.428	HH	248749	3092418	37.13%	1.167%
265	12.451	12.428	12.472	HH	10901	201820	2.42%	0.076%
266	12.485	12.472	12.505	HH	7770	126568	1.52%	0.048%
267	12.529	12.505	12.560	HH	11617	240800	2.89%	0.091%
268	12.571	12.560	12.580	HH	4823	58125	0.70%	0.022%
269	12.616	12.580	12.689	HH	145258	2130306	25.58%	0.804%
270	12.711	12.689	12.728	HH	7910	155938	1.87%	0.059%
271	12.742	12.728	12.764	HH	7352	136213	1.64%	0.051%
272	12.768	12.764	12.785	HH	5438	64035	0.77%	0.024%
273	12.814	12.785	12.825	HH	8920	172304	2.07%	0.065%
274	12.834	12.825	12.852	HH	8215	117390	1.41%	0.044%
275	12.872	12.852	12.927	HH	7132	247874	2.98%	0.094%
276	12.947	12.927	12.976	HH	5052	128887	1.55%	0.049%
277	13.021	12.976	13.044	HH	12582	301793	3.62%	0.114%
278	13.070	13.044	13.094	HH	11633	285581	3.43%	0.108%
279	13.106	13.094	13.180	HH	8730	333867	4.01%	0.126%
280	13.203	13.180	13.219	HH	7236	142905	1.72%	0.054%
281	13.236	13.219	13.273	HH	10785	250675	3.01%	0.095%
282	13.310	13.273	13.329	HH	7276	223363	2.68%	0.084%
283	13.351	13.329	13.368	HH	7371	161693	1.94%	0.061%
284	13.387	13.368	13.425	HH	8396	232994	2.80%	0.088%
285	13.436	13.425	13.459	HH	6157	117283	1.41%	0.044%
286	13.481	13.459	13.487	HH	5421	86925	1.04%	0.033%
287	13.503	13.487	13.511	HH	5675	81219	0.98%	0.031%
288	13.534	13.511	13.550	HH	8270	160540	1.93%	0.061%
289	13.581	13.550	13.619	HH	229527	2942918	35.33%	1.110%
290	13.642	13.619	13.664	HH	5411	138263	1.66%	0.052%
291	13.683	13.664	13.702	HH	5581	119699	1.44%	0.045%
292	13.729	13.702	13.756	HH	6618	183234	2.20%	0.069%
293	13.775	13.756	13.810	HH	5600	169960	2.04%	0.064%
294	13.818	13.810	13.823	HH	5051	37003	0.44%	0.014%
295	13.827	13.823	13.858	HH	5022	100042	1.20%	0.038%
296	13.880	13.858	13.895	HH	4721	105173	1.26%	0.040%
297	13.911	13.895	13.919	HH	4824	66142	0.79%	0.025%
298	13.940	13.919	13.955	HH	6019	117787	1.41%	0.044%
299	13.997	13.955	14.063	HH	7662	393043	4.72%	0.148%

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300	14.083	14.063	14.112	HH	5196	144912	1.74%	0.055%
301	14.146	14.112	14.177	HH	7530	237913		
302	14.202	14.177	14.226	HH	8092	194795		
303	14.246	14.226	14.282	HH	5789	184326		
304	14.304	14.282	14.328	HH	5423	145238		
305	14.334	14.328	14.338	HH	5189	29013		
306	14.368	14.338	14.392	HH	6418	184010	2.21%	0.069%
307	14.398	14.392	14.402	HH	5315	30707	0.37%	0.012%
308	14.435	14.402	14.448	HH	9988	206313	2.48%	0.078%
309	14.478	14.448	14.535	HH	151009	2212650	26.56%	0.835%
310	14.559	14.535	14.567	HH	6676	123067	1.48%	0.046%
311	14.572	14.567	14.595	HH	6719	107415	1.29%	0.041%
312	14.631	14.595	14.649	HH	11816	282383	3.39%	0.107%
313	14.680	14.649	14.706	HH	221300	2884708	34.63%	1.088%
314	14.721	14.706	14.757	HH	13979	310326	3.73%	0.117%
315	14.781	14.757	14.804	HH	8510	209100	2.51%	0.079%
316	14.835	14.804	14.850	HH	7314	193566	2.32%	0.073%
317	14.875	14.850	14.893	HH	7302	175965	2.11%	0.066%
318	14.919	14.893	14.947	HH	9971	266462	3.20%	0.101%
319	14.967	14.947	14.989	HH	8038	181116	2.17%	0.068%
320	15.013	14.989	15.027	HH	8143	170665	2.05%	0.064%
321	15.040	15.027	15.046	HH	8420	93349	1.12%	0.035%
322	15.078	15.046	15.164	HH	53437	1450618	17.42%	0.547%
323	15.194	15.164	15.233	HH	10744	371191	4.46%	0.140%
324	15.260	15.233	15.286	HH	12374	308103	3.70%	0.116%
325	15.305	15.286	15.312	HH	8248	127534	1.53%	0.048%
326	15.328	15.312	15.358	HH	8277	221784	2.66%	0.084%
327	15.376	15.358	15.385	HH	7968	121365	1.46%	0.046%
328	15.431	15.385	15.448	HH	9831	331863	3.98%	0.125%
329	15.461	15.448	15.475	HH	8890	141052	1.69%	0.053%
330	15.495	15.475	15.527	HH	9130	265872	3.19%	0.100%
331	15.556	15.527	15.583	HH	12506	352551	4.23%	0.133%
332	15.604	15.583	15.636	HH	11139	314585	3.78%	0.119%
333	15.644	15.636	15.650	HH	9044	80446	0.97%	0.030%
334	15.655	15.650	15.660	HH	9129	51843	0.62%	0.020%
335	15.698	15.660	15.730	HH	207409	2930438	35.18%	1.105%
336	15.759	15.730	15.774	HH	12993	321340	3.86%	0.121%
337	15.803	15.774	15.817	HH	16614	387072	4.65%	0.146%
338	15.835	15.817	15.851	HH	17753	331585	3.98%	0.125%
339	15.865	15.851	15.882	HH	16129	284421	3.41%	0.107%
340	15.892	15.882	15.916	HH	15706	305051	3.66%	0.115%
341	15.928	15.916	15.955	HH	14010	315036	3.78%	0.119%
342	15.980	15.955	16.017	HH	14201	495870	5.95%	0.187%
343	16.033	16.017	16.069	HH	13254	400056	4.80%	0.151%
344	16.094	16.069	16.130	HH	17693	549961	6.60%	0.207%
345	16.142	16.130	16.156	HH	13143	206194	2.48%	0.078%
346	16.177	16.156	16.201	HH	14732	364695	4.38%	0.138%
347	16.253	16.201	16.272	HH	13885	563914	6.77%	0.213%
348	16.309	16.272	16.379	HH	21373	934541	11.22%	0.353%
349	16.408	16.379	16.423	HH	13031	340926	4.09%	0.129%
350	16.429	16.423	16.435	HH	13060	94714	1.14%	0.036%
351	16.498	16.435	16.513	HH	14289	642508	7.71%	0.242%

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				rters				
352	16.563	16.513	16.584	HH	15368	623190	7.48%	0.235%
353	16.645	16.584	16.673	HH	206476	3408998	40.63%	0.235%
354	16.698	16.673	16.753	HH	31855	1059269	12.42%	0.235%
355	16.761	16.753	16.795	HH	16559	414361	4.42%	0.235%
356	16.802	16.795	16.813	HH	16258	179655	2.17%	0.056%
357	16.818	16.813	16.829	HH	16216	151592	1.99%	0.056%
358	16.832	16.829	16.844	HH	16139	147537	1.77%	0.056%
359	16.849	16.844	16.853	HH	16108	81800	0.98%	0.031%
360	16.878	16.853	16.886	HH	16562	323514	3.88%	0.122%
361	16.891	16.886	16.895	HH	16535	95247	1.14%	0.036%
362	16.919	16.895	16.939	HH	17265	439255	5.27%	0.166%
363	16.970	16.939	16.996	HH	20472	629574	7.56%	0.238%
364	17.033	16.996	17.064	HH	19191	745816	8.95%	0.281%
365	17.088	17.064	17.120	HH	21525	661547	7.94%	0.250%
366	17.136	17.120	17.155	HH	18621	385603	4.63%	0.145%
367	17.174	17.155	17.189	HH	18406	366593	4.40%	0.138%
368	17.192	17.189	17.199	HH	18373	110322	1.32%	0.042%
369	17.205	17.199	17.210	HH	18430	127334	1.53%	0.048%
370	17.267	17.210	17.290	HH	19212	903833	10.85%	0.341%
371	17.318	17.290	17.362	HH	20644	847939	10.18%	0.320%
372	17.384	17.362	17.402	HH	19552	464340	5.57%	0.175%
373	17.407	17.402	17.430	HH	19605	330781	3.97%	0.125%
374	17.478	17.430	17.493	HH	23006	784588	9.42%	0.296%
375	17.528	17.493	17.561	HH	201563	3305093	39.68%	1.247%
376	17.616	17.561	17.637	HH	23598	995656	11.95%	0.376%
377	17.674	17.637	17.720	HH	22695	1099561	13.20%	0.415%
378	17.745	17.720	17.770	HH	23378	665401	7.99%	0.251%
379	17.838	17.770	17.871	HH	26254	1427059	17.13%	0.538%
380	17.907	17.871	17.981	HH	43310	2027373	24.34%	0.765%
381	17.987	17.981	18.007	HH	23685	373872	4.49%	0.141%
382	18.043	18.007	18.080	HH	25469	1079885	12.96%	0.407%
383	18.109	18.080	18.123	HH	24084	614790	7.38%	0.232%
384	18.191	18.123	18.212	HH	25753	1328516	15.95%	0.501%
385	18.235	18.212	18.257	HH	26311	703899	8.45%	0.266%
386	18.261	18.257	18.266	HH	25775	143966	1.73%	0.054%
387	18.356	18.266	18.406	HH	205880	4812341	57.78%	1.815%
388	18.456	18.406	18.472	HH	30582	1145280	13.75%	0.432%
389	18.493	18.472	18.533	HH	30256	1093442	13.13%	0.412%
390	18.537	18.533	18.541	HH	29004	139418	1.67%	0.053%
391	18.557	18.541	18.584	HH	29460	747712	8.98%	0.282%
392	18.612	18.584	18.636	HH	30104	939162	11.28%	0.354%
393	18.730	18.636	18.800	HH	46606	3545030	42.56%	1.337%
394	18.818	18.800	18.827	HH	34223	565645	6.79%	0.213%
395	18.911	18.827	18.919	HH	35703	1906257	22.89%	0.719%
396	18.949	18.919	18.970	HH	38679	1134138	13.62%	0.428%
397	18.995	18.970	19.016	HH	37024	1020474	12.25%	0.385%
398	19.137	19.016	19.169	HH	186978	5631338	67.61%	2.124%
399	19.192	19.169	19.215	HH	45654	1179352	14.16%	0.445%
400	19.242	19.215	19.279	HH	44934	1658263	19.91%	0.626%
401	19.299	19.279	19.329	HH	43890	1297146	15.57%	0.489%
402	19.410	19.329	19.420	HH	45037	2367088	28.42%	0.893%
403	19.490	19.420	19.498	HH	50989	2193600	26.34%	0.828%
404	19.509	19.498	19.560	HH	50789	1832844	22.00%	0.691%

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					rt	Area	Area%	Height
405	19.588	19.560	19.594	HH	48830	981360	11.78%	0.370%
406	19.643	19.594	19.658	HH	50152	1915380	23.59%	0.899%
407	19.709	19.658	19.717	HH	52829	1819401	22.59%	0.899%
408	19.753	19.717	19.789	HH	56606	2346517	28.86%	1.055%
409	19.873	19.789	19.912	HH	180880	5969327	73.59%	2.899%
410	19.922	19.912	19.944	HH	58285	1105840	13.65%	0.555%
411	19.982	19.944	20.000	HH	59514	2003315	24.05%	0.756%
412	20.029	20.000	20.062	HH	71861	2381780	28.59%	0.899%
413	20.123	20.062	20.138	HH	62774	2796755	33.58%	1.055%
414	20.188	20.138	20.197	HH	64983	2270540	27.26%	0.857%
415	20.230	20.197	20.251	HH	69017	2165913	26.00%	0.817%
416	20.265	20.251	20.279	HH	69537	1167029	14.01%	0.440%
417	20.365	20.279	20.405	HH	73224	5457189	65.52%	2.059%
418	20.417	20.405	20.432	HH	72584	1161785	13.95%	0.438%
419	20.451	20.432	20.455	HH	72844	996974	11.97%	0.376%
420	20.516	20.455	20.548	HH	194696	6061047	72.77%	2.287%
421	20.581	20.548	20.645	HH	189581	6151832	73.86%	2.321%
422	20.682	20.645	20.700	HH	75345	2475781	29.72%	0.934%
423	20.719	20.700	20.729	HH	75274	1287273	15.45%	0.486%
424	20.745	20.729	20.837	HH	75601	4812379	57.78%	1.815%
425	20.862	20.837	20.873	HH	73197	1583106	19.01%	0.597%
426	20.916	20.873	20.930	HH	74139	2507684	30.11%	0.946%
427	20.965	20.930	21.005	HH	76026	3388752	40.68%	1.278%
428	21.019	21.005	21.029	HH	74339	1053632	12.65%	0.397%
429	21.065	21.029	21.140	HH	75024	4922230	59.09%	1.857%
430	21.147	21.140	21.164	HH	71926	1004712	12.06%	0.379%
431	21.197	21.164	21.204	HH	71905	1721186	20.66%	0.649%
432	21.242	21.204	21.254	HH	74048	2208902	26.52%	0.833%
433	21.269	21.254	21.273	HH	73857	843002	10.12%	0.318%
434	21.305	21.273	21.330	HH	76443	2581152	30.99%	0.974%
435	21.338	21.330	21.347	HH	74682	745192	8.95%	0.281%
436	21.411	21.347	21.498	HH	147887	8329410	100.00%	3.142%
437	21.504	21.498	21.524	HH	71983	1116141	13.40%	0.421%
438	21.526	21.524	21.539	HH	71625	643124	7.72%	0.243%
439	21.601	21.539	21.630	HH	73267	3978726	47.77%	1.501%
440	21.636	21.630	21.685	HH	72280	2376759	28.53%	0.897%
441	21.697	21.685	21.730	HH	71160	1912092	22.96%	0.721%
442	21.749	21.730	21.757	HH	70329	1123538	13.49%	0.424%
443	21.763	21.757	21.792	HH	70229	1448281	17.39%	0.546%

Sum of corrected areas: 265079369

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