

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE020618\
Data File : FE026148.D
Signal(s) : FID1B.CH
Acq On : 06 Feb 2018 15:59
Sample : J1455-02 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE012918.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.433	2.402	2.440	BH	13	-2292	-0.02%	-0.000%
2	2.444	2.440	2.466	PH	11	-545	-0.01%	-0.000%
3	2.473	2.466	2.482	PH	192	-170	-0.00%	-0.000%
4	2.488	2.482	2.495	PH	6	-486	-0.00%	-0.000%
5	2.507	2.495	2.516	PH	193	305	0.00%	0.000%
6	2.525	2.516	2.533	PH	217	105	0.00%	0.000%
7	2.543	2.533	2.549	PH	47	-377	-0.00%	-0.000%
8	2.563	2.549	2.576	PH	132	922	0.01%	0.000%
9	2.579	2.576	2.598	PH	189	134	0.00%	0.000%
10	2.609	2.598	2.616	PH	282	560	0.01%	0.000%
11	2.623	2.616	2.635	PH	140	432	0.00%	0.000%
12	2.656	2.635	2.663	PH	222	1907	0.02%	0.000%
13	2.703	2.663	2.724	PH	610	11824	0.12%	0.002%
14	2.729	2.724	2.736	HH	257	1315	0.01%	0.000%
15	2.748	2.736	2.766	HH	301	2977	0.03%	0.000%
16	2.779	2.766	2.784	HH	277	1523	0.02%	0.000%
17	2.796	2.784	2.800	HH	335	2350	0.02%	0.000%
18	2.808	2.800	2.815	HH	310	2390	0.02%	0.000%
19	2.818	2.815	2.827	HH	360	2221	0.02%	0.000%
20	2.832	2.827	2.841	HH	356	2234	0.02%	0.000%
21	2.846	2.841	2.854	HH	356	2112	0.02%	0.000%
22	2.860	2.854	2.869	HH	540	3431	0.03%	0.000%
23	2.876	2.869	2.883	HH	436	2791	0.03%	0.000%
24	2.888	2.883	2.895	HH	455	2290	0.02%	0.000%
25	2.904	2.895	2.917	HH	490	5280	0.05%	0.001%
26	2.927	2.917	2.935	HH	484	4111	0.04%	0.001%
27	2.947	2.935	2.956	HH	505	4697	0.05%	0.001%
28	2.963	2.956	2.971	HH	433	3057	0.03%	0.000%
29	2.979	2.971	2.987	HH	553	3775	0.04%	0.000%
30	3.025	2.987	3.031	HH	581	10367	0.10%	0.001%
31	3.042	3.031	3.047	HH	642	4613	0.05%	0.001%
32	3.056	3.047	3.062	HH	606	4611	0.05%	0.001%
33	3.070	3.062	3.082	HH	715	6607	0.07%	0.001%
34	3.091	3.082	3.098	HH	681	4802	0.05%	0.001%
35	3.105	3.098	3.116	HH	589	5654	0.06%	0.001%
36	3.133	3.116	3.142	HH	801	10511	0.11%	0.001%

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37	3.149	3.142	3.158	HH	935	6677	0.07%	0.001%
38	3.163	3.158	3.174	HH	747	6609	0.07%	0.001%
39	3.179	3.174	3.189	HH	723	5972	0.06%	0.001%
40	3.195	3.189	3.206	HH	918	7037	0.07%	0.001%
41	3.210	3.206	3.224	HH	856	7404	0.07%	0.001%
42	3.237	3.224	3.243	HH	735	7484	0.08%	0.001%
43	3.254	3.243	3.275	HH	810	12293	0.12%	0.002%
44	3.290	3.275	3.298	HH	784	9173	0.09%	0.001%
45	3.302	3.298	3.306	HH	684	3000	0.03%	0.000%
46	3.313	3.306	3.327	HH	806	8862	0.09%	0.001%
47	3.342	3.327	3.362	HH	842	16720	0.17%	0.002%
48	3.367	3.362	3.373	HH	750	4648	0.05%	0.001%
49	3.382	3.373	3.396	HH	854	10989	0.11%	0.001%
50	3.400	3.396	3.424	HH	914	13353	0.13%	0.002%
51	3.428	3.424	3.432	HH	843	3790	0.04%	0.000%
52	3.450	3.432	3.455	HH	963	12322	0.12%	0.002%
53	3.459	3.455	3.487	HH	944	16674	0.17%	0.002%
54	3.501	3.487	3.510	HH	955	12844	0.13%	0.002%
55	3.518	3.510	3.531	HH	1041	11285	0.11%	0.001%
56	3.543	3.531	3.550	HH	1036	10690	0.11%	0.001%
57	3.555	3.550	3.562	HH	1057	7101	0.07%	0.001%
58	3.565	3.562	3.570	HH	1127	4968	0.05%	0.001%
59	3.580	3.570	3.585	HH	1041	8166	0.08%	0.001%
60	3.590	3.585	3.614	HH	1044	17041	0.17%	0.002%
61	3.621	3.614	3.625	HH	1110	6440	0.06%	0.001%
62	3.646	3.625	3.651	HH	1089	16347	0.16%	0.002%
63	3.671	3.651	3.675	HH	1179	15405	0.15%	0.002%
64	3.681	3.675	3.692	HH	1220	11421	0.11%	0.001%
65	3.696	3.692	3.702	HH	1266	6832	0.07%	0.001%
66	3.708	3.702	3.720	HH	1263	12705	0.13%	0.002%
67	3.729	3.720	3.733	HH	1257	8885	0.09%	0.001%
68	3.738	3.733	3.750	HH	1350	12755	0.13%	0.002%
69	3.758	3.750	3.787	HH	1512	29392	0.29%	0.004%
70	3.795	3.787	3.808	HH	1387	15530	0.16%	0.002%
71	3.813	3.808	3.836	HH	1360	20964	0.21%	0.003%
72	3.843	3.836	3.848	HH	1323	9353	0.09%	0.001%
73	3.857	3.848	3.866	HH	1472	13971	0.14%	0.002%
74	3.878	3.866	3.882	HH	1412	13629	0.14%	0.002%
75	3.886	3.882	3.893	HH	1392	8649	0.09%	0.001%
76	3.896	3.893	3.903	HH	1420	7952	0.08%	0.001%
77	3.908	3.903	3.922	HH	1589	15071	0.15%	0.002%
78	3.929	3.922	3.934	HH	1468	9540	0.10%	0.001%
79	3.941	3.934	3.946	HH	1418	9773	0.10%	0.001%
80	3.956	3.946	3.962	HH	1420	13244	0.13%	0.002%
81	3.966	3.962	3.972	HH	1399	7945	0.08%	0.001%
82	3.980	3.972	3.986	HH	1448	12440	0.12%	0.002%
83	4.021	3.986	4.033	HH	1688	41802	0.42%	0.005%
84	4.040	4.033	4.049	HH	1534	13768	0.14%	0.002%
85	4.054	4.049	4.059	HH	1591	9159	0.09%	0.001%
86	4.064	4.059	4.069	HH	1597	9253	0.09%	0.001%
87	4.081	4.069	4.097	HH	1640	25136	0.25%	0.003%
88	4.105	4.097	4.117	HH	1584	18269	0.18%	0.002%
89	4.122	4.117	4.135	HH	1612	17455	0.17%	0.002%

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90	4.145	4.135	4.151	HH	1715	15714	0.16%	0.002%
91	4.158	4.151	4.173	HH	1802	22555	0.23%	0.003%
92	4.179	4.173	4.190	HH	1758	16213	0.16%	0.002%
93	4.203	4.190	4.219	HH	1851	29291	0.29%	0.004%
94	4.225	4.219	4.230	HH	1700	10887	0.11%	0.001%
95	4.234	4.230	4.238	HH	1721	8287	0.08%	0.001%
96	4.250	4.238	4.255	HH	1744	16891	0.17%	0.002%
97	4.258	4.255	4.264	HH	1821	9492	0.10%	0.001%
98	4.272	4.264	4.287	HH	1862	24787	0.25%	0.003%
99	4.294	4.287	4.300	HH	1791	12816	0.13%	0.002%
100	4.308	4.300	4.325	HH	1811	26360	0.26%	0.003%
101	4.331	4.325	4.342	HH	1869	18004	0.18%	0.002%
102	4.374	4.342	4.379	HH	1971	40509	0.41%	0.005%
103	4.384	4.379	4.396	HH	2134	20013	0.20%	0.003%
104	4.401	4.396	4.406	HH	1964	11417	0.11%	0.001%
105	4.410	4.406	4.414	HH	2020	9498	0.10%	0.001%
106	4.420	4.414	4.431	HH	1961	18809	0.19%	0.002%
107	4.439	4.431	4.456	HH	2095	29324	0.29%	0.004%
108	4.470	4.456	4.476	HH	2032	23719	0.24%	0.003%
109	4.484	4.476	4.489	HH	2083	15381	0.15%	0.002%
110	4.509	4.489	4.523	HH	2244	42524	0.43%	0.005%
111	4.527	4.523	4.539	HH	2085	19393	0.19%	0.002%
112	4.543	4.539	4.551	HH	2111	14580	0.15%	0.002%
113	4.573	4.551	4.579	HH	2257	35758	0.36%	0.005%
114	4.589	4.579	4.596	HH	2336	22563	0.23%	0.003%
115	4.599	4.596	4.603	HH	2268	9745	0.10%	0.001%
116	4.608	4.603	4.623	HH	2306	26233	0.26%	0.003%
117	4.627	4.623	4.637	HH	2236	18320	0.18%	0.002%
118	4.642	4.637	4.657	HH	2241	24813	0.25%	0.003%
119	4.675	4.657	4.682	HH	2230	33354	0.33%	0.004%
120	4.708	4.682	4.716	HH	2378	45295	0.45%	0.006%
121	4.736	4.716	4.741	HH	2274	31173	0.31%	0.004%
122	4.746	4.741	4.750	HH	2378	12629	0.13%	0.002%
123	4.757	4.750	4.765	HH	2431	20828	0.21%	0.003%
124	4.773	4.765	4.778	HH	2389	18298	0.18%	0.002%
125	4.781	4.778	4.789	HH	2432	14613	0.15%	0.002%
126	4.794	4.789	4.797	HH	2371	12020	0.12%	0.002%
127	4.800	4.797	4.804	HH	2425	8989	0.09%	0.001%
128	4.811	4.804	4.819	HH	2466	21243	0.21%	0.003%
129	4.826	4.819	4.839	HH	2331	27452	0.28%	0.004%
130	4.843	4.839	4.848	HH	2359	12228	0.12%	0.002%
131	4.858	4.848	4.869	HH	2381	28950	0.29%	0.004%
132	4.873	4.869	4.877	HH	2379	11515	0.12%	0.001%
133	4.893	4.877	4.901	HH	2399	32660	0.33%	0.004%
134	4.928	4.901	4.940	HH	2709	56842	0.57%	0.007%
135	4.946	4.940	4.950	HH	2465	14846	0.15%	0.002%
136	4.963	4.950	4.977	HH	2504	38811	0.39%	0.005%
137	4.980	4.977	4.997	HH	2522	29791	0.30%	0.004%
138	5.010	4.997	5.022	HH	2611	36997	0.37%	0.005%
139	5.026	5.022	5.031	HH	2537	13443	0.13%	0.002%
140	5.042	5.031	5.052	HH	2572	31087	0.31%	0.004%
141	5.057	5.052	5.062	HH	2544	15967	0.16%	0.002%

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142	5.068	5.062	5.078	HH	2578	23819	0.24%	0.003%
143	5.081	5.078	5.098	HH	2605	30612	0.31%	0.004%
144	5.108	5.098	5.117	HH	2683	28871	0.29%	0.004%
145	5.123	5.117	5.133	HH	2683	24026	0.24%	0.003%
146	5.147	5.133	5.151	HH	2644	27606	0.28%	0.004%
147	5.158	5.151	5.167	HH	2695	26037	0.26%	0.003%
148	5.172	5.167	5.176	HH	2726	13531	0.14%	0.002%
149	5.180	5.176	5.188	HH	2761	19330	0.19%	0.002%
150	5.194	5.188	5.199	HH	2754	17122	0.17%	0.002%
151	5.206	5.199	5.218	HH	2810	31403	0.31%	0.004%
152	5.223	5.218	5.231	HH	2786	20653	0.21%	0.003%
153	5.239	5.231	5.260	HH	2874	48302	0.48%	0.006%
154	5.272	5.260	5.288	HH	2821	46046	0.46%	0.006%
155	5.293	5.288	5.308	HH	2778	31188	0.31%	0.004%
156	5.323	5.308	5.334	HH	2870	44039	0.44%	0.006%
157	5.339	5.334	5.348	HH	2957	24190	0.24%	0.003%
158	5.353	5.348	5.359	HH	2865	17892	0.18%	0.002%
159	5.363	5.359	5.379	HH	2848	32421	0.33%	0.004%
160	5.388	5.379	5.394	HH	2938	26380	0.26%	0.003%
161	5.409	5.394	5.414	HH	3004	35801	0.36%	0.005%
162	5.433	5.414	5.451	HH	3052	64582	0.65%	0.008%
163	5.465	5.451	5.481	HH	3125	53759	0.54%	0.007%
164	5.485	5.481	5.489	HH	3020	14989	0.15%	0.002%
165	5.498	5.489	5.502	HH	3112	24099	0.24%	0.003%
166	5.506	5.502	5.511	HH	3129	15163	0.15%	0.002%
167	5.515	5.511	5.529	HH	3061	32537	0.33%	0.004%
168	5.544	5.529	5.551	HH	3168	39518	0.40%	0.005%
169	5.558	5.551	5.562	HH	3161	21620	0.22%	0.003%
170	5.571	5.562	5.588	HH	3187	47030	0.47%	0.006%
171	5.599	5.588	5.606	HH	3209	33303	0.33%	0.004%
172	5.619	5.606	5.623	HH	3186	32650	0.33%	0.004%
173	5.640	5.623	5.645	HH	3269	41982	0.42%	0.005%
174	5.652	5.645	5.657	HH	3277	22124	0.22%	0.003%
175	5.662	5.657	5.668	HH	3184	20896	0.21%	0.003%
176	5.674	5.668	5.692	HH	3244	44126	0.44%	0.006%
177	5.703	5.692	5.710	HH	3302	35442	0.36%	0.005%
178	5.720	5.710	5.731	HH	3316	41503	0.42%	0.005%
179	5.743	5.731	5.750	HH	3306	35428	0.36%	0.005%
180	5.755	5.750	5.765	HH	3286	29515	0.30%	0.004%
181	5.770	5.765	5.778	HH	3305	25683	0.26%	0.003%
182	5.782	5.778	5.788	HH	3408	18765	0.19%	0.002%
183	5.794	5.788	5.801	HH	3410	26158	0.26%	0.003%
184	5.804	5.801	5.809	HH	3292	16734	0.17%	0.002%
185	5.818	5.809	5.831	HH	3437	42548	0.43%	0.005%
186	5.832	5.831	5.840	HH	3348	18049	0.18%	0.002%
187	5.851	5.840	5.867	HH	3420	53303	0.53%	0.007%
188	5.871	5.867	5.878	HH	3453	23102	0.23%	0.003%
189	5.885	5.878	5.891	HH	3410	26700	0.27%	0.003%
190	5.909	5.891	5.916	HH	3447	49705	0.50%	0.006%
191	5.930	5.916	5.935	HH	3592	40612	0.41%	0.005%
192	5.945	5.935	5.957	HH	3616	45630	0.46%	0.006%
193	5.962	5.957	5.969	HH	3414	25260	0.25%	0.003%
194	5.978	5.969	5.989	HH	3579	41405	0.42%	0.005%

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195	6.017	5.989	6.021	HH	3634	67825	0.68%	0.009%
196	6.026	6.021	6.040	HH	3720	41389	0.41%	0.005%
197	6.053	6.040	6.060	HH	3761	43833	0.44%	0.006%
198	6.067	6.060	6.073	HH	3827	29076	0.29%	0.004%
199	6.076	6.073	6.088	HH	3799	33755	0.34%	0.004%
200	6.092	6.088	6.105	HH	3788	38610	0.39%	0.005%
201	6.114	6.105	6.119	HH	3868	31714	0.32%	0.004%
202	6.134	6.119	6.163	HH	3967	101103	1.01%	0.013%
203	6.174	6.163	6.181	HH	3963	40489	0.41%	0.005%
204	6.185	6.181	6.190	HH	3948	21896	0.22%	0.003%
205	6.207	6.190	6.212	HH	3980	51487	0.52%	0.007%
206	6.222	6.212	6.227	HH	4220	35407	0.35%	0.005%
207	6.232	6.227	6.242	HH	4094	38382	0.38%	0.005%
208	6.254	6.242	6.262	HH	3998	47419	0.48%	0.006%
209	6.265	6.262	6.272	HH	4096	23661	0.24%	0.003%
210	6.276	6.272	6.301	HH	3971	67806	0.68%	0.009%
211	6.313	6.301	6.327	HH	4124	62306	0.62%	0.008%
212	6.338	6.327	6.355	HH	4175	66814	0.67%	0.009%
213	6.357	6.355	6.363	HH	4054	20039	0.20%	0.003%
214	6.390	6.363	6.411	HH	4254	116538	1.17%	0.015%
215	6.418	6.411	6.422	HH	4170	28104	0.28%	0.004%
216	6.430	6.422	6.435	HH	4239	31471	0.32%	0.004%
217	6.439	6.435	6.443	HH	4214	19977	0.20%	0.003%
218	6.447	6.443	6.456	HH	4245	32423	0.33%	0.004%
219	6.466	6.456	6.472	HH	4296	41367	0.41%	0.005%
220	6.478	6.472	6.482	HH	4305	25918	0.26%	0.003%
221	6.501	6.482	6.512	HH	4435	77272	0.77%	0.010%
222	6.519	6.512	6.527	HH	4427	36905	0.37%	0.005%
223	6.533	6.527	6.553	HH	4433	69213	0.69%	0.009%
224	6.569	6.553	6.587	HH	4593	91293	0.92%	0.012%
225	6.611	6.587	6.616	HH	4617	76174	0.76%	0.010%
226	6.622	6.616	6.636	HH	4679	55511	0.56%	0.007%
227	6.655	6.636	6.659	HH	4801	65494	0.66%	0.008%
228	6.664	6.659	6.678	HH	4791	53126	0.53%	0.007%
229	6.692	6.678	6.697	HH	4930	55959	0.56%	0.007%
230	6.704	6.697	6.736	HH	4970	109081	1.09%	0.014%
231	6.746	6.736	6.751	HH	4743	42159	0.42%	0.005%
232	6.777	6.751	6.785	HH	4996	97290	0.98%	0.012%
233	6.790	6.785	6.806	HH	5001	63535	0.64%	0.008%
234	6.842	6.806	6.851	HH	5218	135976	1.36%	0.017%
235	6.870	6.851	6.874	HH	5300	70103	0.70%	0.009%
236	6.879	6.874	6.896	HH	5275	69943	0.70%	0.009%
237	6.915	6.896	6.931	HH	5442	111353	1.12%	0.014%
238	6.943	6.931	6.947	HH	5412	51228	0.51%	0.007%
239	6.973	6.947	6.993	HH	5855	153919	1.54%	0.020%
240	7.013	6.993	7.020	HH	5951	92471	0.93%	0.012%
241	7.031	7.020	7.047	HH	6178	98913	0.99%	0.013%
242	7.072	7.047	7.096	HH	6511	182026	1.82%	0.023%
243	7.119	7.096	7.142	HH	6591	173610	1.74%	0.022%
244	7.166	7.142	7.187	HH	6984	181785	1.82%	0.023%
245	7.208	7.187	7.221	HH	7662	142759	1.43%	0.018%
246	7.229	7.221	7.254	HH	7587	144982	1.45%	0.018%

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247	7.265	7.254	7.277	HH	7316	98282	0.99%	0.013%
248	7.312	7.277	7.323	HH	8395	205560	2.06%	0.026%
249	7.337	7.323	7.345	HH	8049	103158	1.03%	0.013%
250	7.358	7.345	7.371	HH	8136	122668	1.23%	0.016%
251	7.398	7.371	7.411	HH	9074	199974	2.00%	0.025%
252	7.446	7.411	7.478	HH	9983	365842	3.67%	0.047%
253	7.488	7.478	7.494	HH	9301	89817	0.90%	0.011%
254	7.502	7.494	7.507	HH	9504	75051	0.75%	0.010%
255	7.522	7.507	7.532	HH	9971	138804	1.39%	0.018%
256	7.563	7.532	7.574	HH	10241	249798	2.50%	0.032%
257	7.603	7.574	7.612	HH	11608	242813	2.43%	0.031%
258	7.618	7.612	7.637	HH	11916	171944	1.72%	0.022%
259	7.648	7.637	7.655	HH	10918	116554	1.17%	0.015%
260	7.662	7.655	7.677	HH	10780	137489	1.38%	0.018%
261	7.690	7.677	7.704	HH	11891	184487	1.85%	0.024%
262	7.723	7.704	7.752	HH	16526	389155	3.90%	0.050%
263	7.773	7.752	7.791	HH	13060	292622	2.93%	0.037%
264	7.815	7.791	7.827	HH	14455	282479	2.83%	0.036%
265	7.831	7.827	7.838	HH	13815	96125	0.96%	0.012%
266	7.866	7.838	7.879	HH	18495	393262	3.94%	0.050%
267	7.887	7.879	7.899	HH	16255	184952	1.85%	0.024%
268	7.912	7.899	7.930	HH	17071	297047	2.98%	0.038%
269	7.954	7.930	7.973	HH	16518	411763	4.13%	0.053%
270	8.001	7.973	8.021	HH	20258	526539	5.28%	0.067%
271	8.041	8.021	8.085	HH	27989	798340	8.00%	0.102%
272	8.119	8.085	8.134	HH	27644	667081	6.69%	0.085%
273	8.149	8.134	8.162	HH	22954	375877	3.77%	0.048%
274	8.180	8.162	8.201	HH	26160	555872	5.57%	0.071%
275	8.230	8.201	8.242	HH	24386	577353	5.79%	0.074%
276	8.250	8.242	8.259	HH	24100	240941	2.42%	0.031%
277	8.303	8.259	8.333	HH	38040	1288462	12.92%	0.164%
278	8.348	8.333	8.366	HH	29955	562658	5.64%	0.072%
279	8.384	8.366	8.401	HH	31825	635460	6.37%	0.081%
280	8.463	8.401	8.502	HH	68729	2339269	23.45%	0.298%
281	8.525	8.502	8.532	HH	36403	594752	5.96%	0.076%
282	8.550	8.532	8.558	HH	42490	631825	6.33%	0.081%
283	8.566	8.558	8.580	HH	41188	529506	5.31%	0.068%
284	8.591	8.580	8.618	HH	41045	841938	8.44%	0.107%
285	8.658	8.618	8.669	HH	41990	1150279	11.53%	0.147%
286	8.691	8.669	8.714	HH	59922	1291406	12.95%	0.165%
287	8.724	8.714	8.736	HH	45568	583312	5.85%	0.074%
288	8.757	8.736	8.780	HH	101263	1678560	16.83%	0.214%
289	8.796	8.780	8.809	HH	61567	961516	9.64%	0.123%
290	8.829	8.809	8.856	HH	89871	1968012	19.73%	0.251%
291	8.877	8.856	8.899	HH	55338	1331091	13.35%	0.170%
292	8.918	8.899	8.922	HH	64720	827730	8.30%	0.106%
293	8.926	8.922	8.942	HH	64630	702632	7.04%	0.090%
294	8.957	8.942	8.968	HH	64669	945440	9.48%	0.121%
295	8.984	8.968	9.014	HH	68818	1699478	17.04%	0.217%
296	9.027	9.014	9.031	HH	61517	611143	6.13%	0.078%
297	9.047	9.031	9.062	HH	74102	1251849	12.55%	0.160%
298	9.071	9.062	9.085	HH	66455	886488	8.89%	0.113%
299	9.099	9.085	9.110	HH	70506	1015282	10.18%	0.129%

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300	9.123	9.110	9.136	HH	81974	1170299	11.73%	0.149%
301	9.142	9.136	9.156	HH	70481	837485	8.40%	0.107%
302	9.168	9.156	9.181	HH	72411	1035372	10.38%	0.132%
303	9.205	9.181	9.237	HH	85802	2472508	24.79%	0.315%
304	9.258	9.237	9.276	HH	73247	1633522	16.38%	0.208%
305	9.300	9.276	9.317	HH	76456	1772146	17.77%	0.226%
306	9.335	9.317	9.348	HH	84183	1457527	14.61%	0.186%
307	9.360	9.348	9.371	HH	84926	1110120	11.13%	0.142%
308	9.381	9.371	9.392	HH	80854	1006104	10.09%	0.128%
309	9.432	9.392	9.460	HH	105462	3666143	36.76%	0.467%
310	9.471	9.460	9.478	HH	88368	937398	9.40%	0.120%
311	9.495	9.478	9.503	HH	118230	1553795	15.58%	0.198%
312	9.516	9.503	9.552	HH	158721	3312770	33.21%	0.422%
313	9.574	9.552	9.584	HH	113713	1944289	19.49%	0.248%
314	9.591	9.584	9.611	HH	110354	1711783	17.16%	0.218%
315	9.625	9.611	9.640	HH	101331	1685296	16.90%	0.215%
316	9.658	9.640	9.671	HH	117252	1948572	19.54%	0.248%
317	9.681	9.671	9.708	HH	104588	2204221	22.10%	0.281%
318	9.724	9.708	9.731	HH	99371	1307174	13.11%	0.167%
319	9.743	9.731	9.753	HH	103825	1350359	13.54%	0.172%
320	9.763	9.753	9.783	HH	100870	1771932	17.76%	0.226%
321	9.817	9.783	9.832	HH	109293	2963054	29.71%	0.378%
322	9.863	9.832	9.888	HH	125558	3950731	39.61%	0.504%
323	9.903	9.888	9.919	HH	143604	2319314	23.25%	0.296%
324	9.927	9.919	9.943	HH	118340	1662334	16.67%	0.212%
325	9.960	9.943	9.972	HH	127495	2129615	21.35%	0.272%
326	9.987	9.972	9.997	HH	125929	1784938	17.90%	0.228%
327	10.008	9.997	10.055	HH	129324	4106531	41.17%	0.524%
328	10.073	10.055	10.084	HH	124025	2088857	20.94%	0.266%
329	10.115	10.084	10.126	HH	129655	3171129	31.79%	0.404%
330	10.136	10.126	10.161	HH	130937	2668380	26.75%	0.340%
331	10.179	10.161	10.202	HH	135372	3193446	32.02%	0.407%
332	10.223	10.202	10.235	HH	136259	2541073	25.48%	0.324%
333	10.254	10.235	10.263	HH	145087	2374125	23.80%	0.303%
334	10.291	10.263	10.317	HH	231570	5622631	56.37%	0.717%
335	10.337	10.317	10.355	HH	152964	3398155	34.07%	0.433%
336	10.378	10.355	10.408	HH	164890	5098471	51.12%	0.650%
337	10.413	10.408	10.418	HH	146865	876538	8.79%	0.112%
338	10.439	10.418	10.467	HH	175837	4596052	46.08%	0.586%
339	10.486	10.467	10.501	HH	150729	2970482	29.78%	0.379%
340	10.535	10.501	10.544	HH	163260	3982551	39.93%	0.508%
341	10.570	10.544	10.588	HH	175128	4445337	44.57%	0.567%
342	10.592	10.588	10.598	HH	156051	928410	9.31%	0.118%
343	10.620	10.598	10.627	HH	170346	2796768	28.04%	0.357%
344	10.643	10.627	10.658	HH	218431	3542456	35.52%	0.452%
345	10.666	10.658	10.678	HH	181156	2148025	21.54%	0.274%
346	10.716	10.678	10.741	HH	294657	8350954	83.72%	1.065%
347	10.758	10.741	10.794	HH	202414	5952101	59.67%	0.759%
348	10.810	10.794	10.824	HH	178638	3109679	31.18%	0.397%
349	10.844	10.824	10.865	HH	188036	4386495	43.98%	0.559%
350	10.882	10.865	10.886	HH	189507	2271110	22.77%	0.290%
351	10.894	10.886	10.904	HH	190174	2053687	20.59%	0.262%

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352	10.919	10.904	10.942	HH	199478	4269558	42.81%	0.544%
353	10.966	10.942	11.003	HH	201179	6956750	69.75%	0.887%
354	11.037	11.003	11.057	HH	220604	6521945	65.39%	0.832%
355	11.061	11.057	11.082	HH	200391	2861361	28.69%	0.365%
356	11.095	11.082	11.107	HH	192967	2891330	28.99%	0.369%
357	11.128	11.107	11.141	HH	223804	4209395	42.20%	0.537%
358	11.150	11.141	11.160	HH	206374	2296143	23.02%	0.293%
359	11.173	11.160	11.190	HH	211269	3702376	37.12%	0.472%
360	11.203	11.190	11.224	HH	209349	4138996	41.50%	0.528%
361	11.236	11.224	11.263	HH	208364	4830272	48.43%	0.616%
362	11.288	11.263	11.292	HH	211779	3569045	35.78%	0.455%
363	11.308	11.292	11.316	HH	216801	3030394	30.38%	0.386%
364	11.346	11.316	11.361	HH	255124	6190222	62.06%	0.789%
365	11.372	11.361	11.390	HH	214740	3554094	35.63%	0.453%
366	11.399	11.390	11.404	HH	203449	1687860	16.92%	0.215%
367	11.438	11.404	11.472	HH	314094	9974436	100.00%	1.272%
368	11.478	11.472	11.491	HH	208992	2249765	22.56%	0.287%
369	11.504	11.491	11.524	HH	212638	4088862	40.99%	0.521%
370	11.543	11.524	11.562	HH	214149	4667717	46.80%	0.595%
371	11.580	11.562	11.585	HH	210456	2880237	28.88%	0.367%
372	11.589	11.585	11.597	HH	209688	1522552	15.26%	0.194%
373	11.613	11.597	11.617	HH	216084	2498799	25.05%	0.319%
374	11.644	11.617	11.685	HH	225906	8815913	88.39%	1.124%
375	11.716	11.685	11.734	HH	229087	6285725	63.02%	0.802%
376	11.749	11.734	11.769	HH	228750	4580860	45.93%	0.584%
377	11.791	11.769	11.804	HH	219423	4455723	44.67%	0.568%
378	11.811	11.804	11.821	HH	223290	2234136	22.40%	0.285%
379	11.836	11.821	11.845	HH	233624	3260819	32.69%	0.416%
380	11.858	11.845	11.881	HH	235215	4829024	48.41%	0.616%
381	11.903	11.881	11.918	HH	235633	5086031	50.99%	0.649%
382	11.924	11.918	11.946	HH	221053	3562598	35.72%	0.454%
383	11.998	11.946	12.008	HH	257971	8710207	87.33%	1.111%
384	12.015	12.008	12.068	HH	251904	7988542	80.09%	1.019%
385	12.087	12.068	12.105	HH	216094	4560284	45.72%	0.581%
386	12.124	12.105	12.138	HH	224806	4366456	43.78%	0.557%
387	12.148	12.138	12.192	HH	220553	6694642	67.12%	0.854%
388	12.213	12.192	12.227	HH	212573	4412931	44.24%	0.563%
389	12.249	12.227	12.265	HH	211197	4673318	46.85%	0.596%
390	12.284	12.265	12.297	HH	211284	3972644	39.83%	0.507%
391	12.306	12.297	12.315	HH	210716	2241179	22.47%	0.286%
392	12.322	12.315	12.345	HH	211693	3689797	36.99%	0.470%
393	12.354	12.345	12.364	HH	202723	2309096	23.15%	0.294%
394	12.378	12.364	12.385	HH	201497	2518948	25.25%	0.321%
395	12.390	12.385	12.395	HH	201567	1171440	11.74%	0.149%
396	12.425	12.395	12.437	HH	206570	5054528	50.67%	0.645%
397	12.447	12.437	12.467	HH	206597	3548810	35.58%	0.453%
398	12.507	12.467	12.514	HH	204520	5628932	56.43%	0.718%
399	12.524	12.514	12.556	HH	203880	5099347	51.12%	0.650%
400	12.572	12.556	12.587	HH	211891	3656730	36.66%	0.466%
401	12.602	12.587	12.613	HH	198019	3144431	31.52%	0.401%
402	12.616	12.613	12.634	HH	198385	2394616	24.01%	0.305%
403	12.653	12.634	12.675	HH	236389	5155421	51.69%	0.657%
404	12.685	12.675	12.692	HH	189981	1890338	18.95%	0.241%

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405	12.710	12.692	12.738	HH	195886	5255819	52.69%	0.670%
406	12.747	12.738	12.759	HH	192430	2314997	23.21%	0.295%
407	12.768	12.759	12.773	HH	190122	1653604	16.58%	0.211%
408	12.793	12.773	12.815	HH	195314	4750140	47.62%	0.606%
409	12.824	12.815	12.833	HH	176511	1847694	18.52%	0.236%
410	12.845	12.833	12.860	HH	177716	2816408	28.24%	0.359%
411	12.868	12.860	12.874	HH	178474	1466231	14.70%	0.187%
412	12.879	12.874	12.896	HH	176801	2309495	23.15%	0.294%
413	12.906	12.896	12.911	HH	175932	1604762	16.09%	0.205%
414	12.922	12.911	12.951	HH	176752	4141898	41.53%	0.528%
415	12.978	12.951	12.999	HH	178668	5023670	50.37%	0.641%
416	13.013	12.999	13.024	HH	173076	2511646	25.18%	0.320%
417	13.032	13.024	13.056	HH	171298	3304220	33.13%	0.421%
418	13.074	13.056	13.092	HH	177769	3652067	36.61%	0.466%
419	13.104	13.092	13.110	HH	171184	1854821	18.60%	0.237%
420	13.116	13.110	13.130	HH	171260	2033467	20.39%	0.259%
421	13.144	13.130	13.182	HH	186695	5510223	55.24%	0.703%
422	13.201	13.182	13.218	HH	168934	3589951	35.99%	0.458%
423	13.233	13.218	13.246	HH	163065	2689267	26.96%	0.343%
424	13.263	13.246	13.291	HH	170489	4288420	42.99%	0.547%
425	13.313	13.291	13.331	HH	173917	3909664	39.20%	0.499%
426	13.340	13.331	13.352	HH	156980	1936824	19.42%	0.247%
427	13.366	13.352	13.372	HH	154112	1904887	19.10%	0.243%
428	13.376	13.372	13.387	HH	154087	1381815	13.85%	0.176%
429	13.395	13.387	13.401	HH	153763	1284729	12.88%	0.164%
430	13.406	13.401	13.414	HH	152506	1143235	11.46%	0.146%
431	13.429	13.414	13.459	HH	155409	4059709	40.70%	0.518%
432	13.485	13.459	13.512	HH	163100	4809270	48.22%	0.613%
433	13.531	13.512	13.555	HH	152489	3909338	39.19%	0.498%
434	13.578	13.555	13.597	HH	150265	3651899	36.61%	0.466%
435	13.607	13.597	13.627	HH	144491	2505019	25.11%	0.319%
436	13.646	13.627	13.655	HH	142110	2309018	23.15%	0.294%
437	13.660	13.655	13.668	HH	142445	1102066	11.05%	0.141%
438	13.688	13.668	13.723	HH	148026	4671331	46.83%	0.596%
439	13.750	13.723	13.791	HH	143890	5554336	55.69%	0.708%
440	13.799	13.791	13.805	HH	128513	1085166	10.88%	0.138%
441	13.811	13.805	13.818	HH	129159	1021655	10.24%	0.130%
442	13.822	13.818	13.828	HH	128381	765501	7.67%	0.098%
443	13.845	13.828	13.859	HH	136286	2435545	24.42%	0.311%
444	13.862	13.859	13.876	HH	130135	1251320	12.55%	0.160%
445	13.882	13.876	13.886	HH	124695	760553	7.63%	0.097%
446	13.905	13.886	13.921	HH	129688	2682503	26.89%	0.342%
447	13.933	13.921	13.949	HH	126320	2027822	20.33%	0.259%
448	13.959	13.949	13.964	HH	121428	1130039	11.33%	0.144%
449	13.969	13.964	13.973	HH	124289	675311	6.77%	0.086%
450	13.990	13.973	14.016	HH	124869	3108252	31.16%	0.396%
451	14.026	14.016	14.042	HH	120459	1841031	18.46%	0.235%
452	14.076	14.042	14.106	HH	130321	4728708	47.41%	0.603%
453	14.138	14.106	14.195	HH	120156	6072301	60.88%	0.774%
454	14.230	14.195	14.263	HH	112975	4422347	44.34%	0.564%
455	14.272	14.263	14.292	HH	105946	1862299	18.67%	0.237%
456	14.311	14.292	14.334	HH	105160	2575170	25.82%	0.328%

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457	14.339	14.334	14.347	HH	100021	788505	7.91%	0.101%
458	14.363	14.347	14.386	HH	104581	2328043	23.34%	0.297%
459	14.402	14.386	14.431	HH	101905	2621309	26.28%	0.334%
460	14.438	14.431	14.451	HH	96334	1145878	11.49%	0.146%
461	14.475	14.451	14.489	HH	99610	2229918	22.36%	0.284%
462	14.500	14.489	14.514	HH	97530	1422684	14.26%	0.181%
463	14.532	14.514	14.592	HH	99177	4413655	44.25%	0.563%
464	14.608	14.592	14.622	HH	89902	1585192	15.89%	0.202%
465	14.627	14.622	14.633	HH	87502	564835	5.66%	0.072%
466	14.644	14.633	14.651	HH	88623	948014	9.50%	0.121%
467	14.656	14.651	14.674	HH	88425	1194990	11.98%	0.152%
468	14.680	14.674	14.720	HH	86542	2331172	23.37%	0.297%
469	14.739	14.720	14.773	HH	94789	2683459	26.90%	0.342%
470	14.778	14.773	14.791	HH	79697	838226	8.40%	0.107%
471	14.803	14.791	14.814	HH	79202	1086803	10.90%	0.139%
472	14.828	14.814	14.833	HH	77795	868088	8.70%	0.111%
473	14.844	14.833	14.852	HH	77853	886088	8.88%	0.113%
474	14.857	14.852	14.902	HH	76483	2222963	22.29%	0.283%
475	14.909	14.902	14.926	HH	71848	1025729	10.28%	0.131%
476	14.943	14.926	14.962	HH	76502	1547738	15.52%	0.197%
477	14.969	14.962	14.975	HH	72657	579579	5.81%	0.074%
478	14.980	14.975	14.987	HH	72868	505559	5.07%	0.064%
479	14.999	14.987	15.048	HH	72586	2584382	25.91%	0.330%
480	15.052	15.048	15.056	HH	66680	306830	3.08%	0.039%
481	15.085	15.056	15.114	HH	71810	2358899	23.65%	0.301%
482	15.132	15.114	15.139	HH	65142	972745	9.75%	0.124%
483	15.143	15.139	15.164	HH	64768	953187	9.56%	0.122%
484	15.175	15.164	15.181	HH	63669	652359	6.54%	0.083%
485	15.189	15.181	15.219	HH	64181	1399814	14.03%	0.178%
486	15.223	15.219	15.256	HH	61237	1332526	13.36%	0.170%
487	15.273	15.256	15.296	HH	61557	1432812	14.36%	0.183%
488	15.302	15.296	15.318	HH	58121	776302	7.78%	0.099%
489	15.329	15.318	15.338	HH	57413	685640	6.87%	0.087%
490	15.358	15.338	15.365	HH	58391	940524	9.43%	0.120%
491	15.379	15.365	15.416	HH	59003	1731563	17.36%	0.221%
492	15.424	15.416	15.432	HH	56279	556241	5.58%	0.071%
493	15.438	15.432	15.443	HH	55864	353723	3.55%	0.045%
494	15.463	15.443	15.472	HH	57362	958960	9.61%	0.122%
495	15.489	15.472	15.530	HH	56603	1923035	19.28%	0.245%
496	15.539	15.530	15.562	HH	53197	986328	9.89%	0.126%
497	15.566	15.562	15.600	HH	50351	1133648	11.37%	0.145%
498	15.607	15.600	15.631	HH	49480	894871	8.97%	0.114%
499	15.643	15.631	15.669	HH	48440	1095159	10.98%	0.140%
500	15.676	15.669	15.683	HH	46977	404237	4.05%	0.052%
501	15.689	15.683	15.703	HH	47139	554752	5.56%	0.071%
502	15.711	15.703	15.720	HH	47071	472605	4.74%	0.060%
503	15.729	15.720	15.741	HH	46489	574589	5.76%	0.073%
504	15.768	15.741	15.836	HH	48519	2621954	26.29%	0.334%
505	15.844	15.836	15.869	HH	44156	867438	8.70%	0.111%
506	15.874	15.869	15.895	HH	42763	662173	6.64%	0.084%
507	15.906	15.895	15.910	HH	42754	379488	3.80%	0.048%
508	15.916	15.910	15.925	HH	42487	382974	3.84%	0.049%
509	15.932	15.925	15.943	HH	42359	461233	4.62%	0.059%

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510	15.956	15.943	15.977	HH	43048	848079	8.50%	0.108%
511	15.990	15.977	16.018	HH	43080	1051186	10.54%	0.134%
512	16.025	16.018	16.042	HH	40952	583719	5.85%	0.074%
513	16.046	16.042	16.050	HH	39520	177133	1.78%	0.023%
514	16.058	16.050	16.074	HH	39839	558384	5.60%	0.071%
515	16.091	16.074	16.095	HH	39323	499303	5.01%	0.064%
516	16.105	16.095	16.127	HH	39726	752743	7.55%	0.096%
517	16.154	16.127	16.197	HH	40447	1655308	16.60%	0.211%
518	16.201	16.197	16.225	HH	37960	615214	6.17%	0.078%
519	16.264	16.225	16.311	HH	38754	1930167	19.35%	0.246%
520	16.331	16.311	16.354	HH	37615	939307	9.42%	0.120%
521	16.359	16.354	16.385	HH	35809	659878	6.62%	0.084%
522	16.390	16.385	16.395	HH	35588	221690	2.22%	0.028%
523	16.413	16.395	16.424	HH	35815	617076	6.19%	0.079%
524	16.440	16.424	16.454	HH	36875	642994	6.45%	0.082%
525	16.458	16.454	16.489	HH	35080	715105	7.17%	0.091%
526	16.493	16.489	16.508	HH	34034	394236	3.95%	0.050%
527	16.516	16.508	16.533	HH	33764	504423	5.06%	0.064%
528	16.537	16.533	16.552	HH	33885	384166	3.85%	0.049%
529	16.566	16.552	16.573	HH	33554	418635	4.20%	0.053%
530	16.588	16.573	16.616	HH	33941	853158	8.55%	0.109%
531	16.623	16.616	16.634	HH	33374	357160	3.58%	0.046%
532	16.650	16.634	16.654	HH	33231	398280	3.99%	0.051%
533	16.663	16.654	16.673	HH	33368	383699	3.85%	0.049%
534	16.678	16.673	16.685	HH	33163	238063	2.39%	0.030%
535	16.690	16.685	16.710	HH	32575	481987	4.83%	0.061%
536	16.720	16.710	16.728	HH	32112	344914	3.46%	0.044%
537	16.733	16.728	16.744	HH	32058	310569	3.11%	0.040%
538	16.751	16.744	16.762	HH	32224	336812	3.38%	0.043%
539	16.768	16.762	16.775	HH	32279	256828	2.57%	0.033%
540	16.783	16.775	16.790	HH	32108	283120	2.84%	0.036%
541	16.794	16.790	16.836	HH	32088	863522	8.66%	0.110%
542	16.845	16.836	16.854	HH	30641	325625	3.26%	0.042%
543	16.858	16.854	16.871	HH	30536	304319	3.05%	0.039%
544	16.886	16.871	16.890	HH	30625	344400	3.45%	0.044%
545	16.907	16.890	16.922	HH	32942	610817	6.12%	0.078%
546	16.936	16.922	16.947	HH	31944	478036	4.79%	0.061%
547	16.951	16.947	16.975	HH	31601	527137	5.28%	0.067%
548	16.990	16.975	17.006	HH	30755	556349	5.58%	0.071%
549	17.008	17.006	17.018	HH	30140	213854	2.14%	0.027%
550	17.026	17.018	17.044	HH	30055	465091	4.66%	0.059%
551	17.053	17.044	17.075	HH	29884	553626	5.55%	0.071%
552	17.094	17.075	17.102	HH	29502	482668	4.84%	0.062%
553	17.136	17.102	17.155	HH	29968	935366	9.38%	0.119%
554	17.166	17.155	17.196	HH	30451	734667	7.37%	0.094%
555	17.201	17.196	17.205	HH	28330	143170	1.44%	0.018%
556	17.235	17.205	17.259	HH	29471	936690	9.39%	0.119%
557	17.270	17.259	17.280	HH	28931	367807	3.69%	0.047%
558	17.298	17.280	17.319	HH	29080	664543	6.66%	0.085%
559	17.356	17.319	17.388	HH	35715	1249177	12.52%	0.159%
560	17.395	17.388	17.422	HH	27742	552449	5.54%	0.070%
561	17.445	17.422	17.463	HH	28632	696749	6.99%	0.089%

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562	17.482	17.463	17.516	HH	28541	870694	8.73%	0.111%
563	17.530	17.516	17.546	HH	27079	495205	4.96%	0.063%
564	17.575	17.546	17.597	HH	27261	823093	8.25%	0.105%
565	17.605	17.597	17.610	HH	26722	199486	2.00%	0.025%
566	17.635	17.610	17.677	HH	26948	1081081	10.84%	0.138%
567	17.687	17.677	17.690	HH	26513	205582	2.06%	0.026%
568	17.705	17.690	17.722	HH	26875	506853	5.08%	0.065%
569	17.747	17.722	17.767	HH	26700	722341	7.24%	0.092%
570	17.792	17.767	17.837	HH	30383	1150426	11.53%	0.147%
571	17.853	17.837	17.865	HH	26773	435344	4.36%	0.056%
572	17.886	17.865	17.911	HH	28341	741642	7.44%	0.095%
573	17.926	17.911	17.930	HH	26432	298428	2.99%	0.038%
574	17.950	17.930	17.966	HH	28290	590432	5.92%	0.075%
575	17.979	17.966	18.025	HH	27116	946757	9.49%	0.121%
576	18.059	18.025	18.107	HH	26936	1276261	12.80%	0.163%
577	18.144	18.107	18.150	HH	27083	685511	6.87%	0.087%
578	18.157	18.150	18.164	HH	27034	231547	2.32%	0.030%
579	18.169	18.164	18.187	HH	26877	366538	3.67%	0.047%
580	18.212	18.187	18.248	HH	36597	1080933	10.84%	0.138%
581	18.278	18.248	18.295	HH	26321	734928	7.37%	0.094%
582	18.317	18.295	18.347	HH	28147	822834	8.25%	0.105%
583	18.351	18.347	18.382	HH	25872	537976	5.39%	0.069%
584	18.388	18.382	18.405	HH	25603	357446	3.58%	0.046%
585	18.415	18.405	18.427	HH	25647	332629	3.33%	0.042%
586	18.431	18.427	18.444	HH	25637	264073	2.65%	0.034%
587	18.449	18.444	18.452	HH	25620	132518	1.33%	0.017%
588	18.477	18.452	18.497	HH	26134	696850	6.99%	0.089%
589	18.522	18.497	18.551	HH	26171	833829	8.36%	0.106%
590	18.564	18.551	18.576	HH	25642	383032	3.84%	0.049%
591	18.622	18.576	18.674	HH	31361	1585482	15.90%	0.202%
592	18.676	18.674	18.682	HH	25880	128859	1.29%	0.016%
593	18.727	18.682	18.759	HH	27867	1216508	12.20%	0.155%
594	18.790	18.759	18.812	HH	26527	837624	8.40%	0.107%
595	18.820	18.812	18.845	HH	26336	505717	5.07%	0.064%
596	18.876	18.845	18.909	HH	26864	1026177	10.29%	0.131%
597	18.923	18.909	18.932	HH	26808	362439	3.63%	0.046%
598	18.935	18.932	18.938	HH	26870	107229	1.08%	0.014%
599	18.954	18.938	18.970	HH	27228	509921	5.11%	0.065%
600	18.974	18.970	18.977	HH	26770	122700	1.23%	0.016%
601	19.019	18.977	19.058	HH	34052	1403355	14.07%	0.179%
602	19.065	19.058	19.095	HH	27852	607842	6.09%	0.078%
603	19.098	19.095	19.104	HH	27475	152931	1.53%	0.020%
604	19.131	19.104	19.150	HH	27946	760235	7.62%	0.097%
605	19.180	19.150	19.236	HH	28762	1445938	14.50%	0.184%
606	19.246	19.236	19.250	HH	27575	222366	2.23%	0.028%
607	19.270	19.250	19.276	HH	27894	431508	4.33%	0.055%
608	19.281	19.276	19.301	HH	27929	417696	4.19%	0.053%
609	19.311	19.301	19.334	HH	28096	551803	5.53%	0.070%
610	19.358	19.334	19.373	HH	28109	659721	6.61%	0.084%
611	19.403	19.373	19.428	HH	31371	969493	9.72%	0.124%
612	19.439	19.428	19.478	HH	28595	854923	8.57%	0.109%
613	19.483	19.478	19.488	HH	28418	160866	1.61%	0.021%
614	19.514	19.488	19.572	HH	29916	1463301	14.67%	0.187%

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615	19.603	19.572	19.617	HH	29291	784010	7.86%	0.100%
616	19.642	19.617	19.668	HH	29720	902089	9.04%	0.115%
617	19.694	19.668	19.718	HH	31007	904343	9.07%	0.115%
618	19.723	19.718	19.728	HH	29876	191042	1.92%	0.024%
619	19.780	19.728	19.821	HH	32792	1704648	17.09%	0.217%
620	19.881	19.821	19.898	HH	31181	1423611	14.27%	0.182%
621	19.921	19.898	19.925	HH	31343	511150	5.12%	0.065%
622	19.930	19.925	19.940	HH	31308	281340	2.82%	0.036%
623	19.965	19.940	19.976	HH	31415	682226	6.84%	0.087%
624	19.981	19.976	19.986	HH	31362	191994	1.92%	0.024%
625	19.992	19.986	19.996	HH	31378	173908	1.74%	0.022%
626	20.048	19.996	20.073	HH	31946	1470546	14.74%	0.188%
627	20.100	20.073	20.105	HH	32001	605216	6.07%	0.077%
628	20.143	20.105	20.161	HH	33984	1094691	10.97%	0.140%
629	20.182	20.161	20.211	HH	34116	1016395	10.19%	0.130%
630	20.238	20.211	20.246	HH	33197	679783	6.82%	0.087%
631	20.266	20.246	20.282	HH	33432	715450	7.17%	0.091%
632	20.322	20.282	20.332	HH	33756	1007259	10.10%	0.128%
633	20.334	20.332	20.339	HH	33718	151565	1.52%	0.019%
634	20.356	20.339	20.368	HH	33938	592062	5.94%	0.075%
635	20.376	20.368	20.383	HH	33910	304714	3.05%	0.039%
636	20.395	20.383	20.400	HH	33913	350275	3.51%	0.045%
637	20.413	20.400	20.421	HH	34094	412998	4.14%	0.053%
638	20.470	20.421	20.475	HH	34172	1095288	10.98%	0.140%
639	20.501	20.475	20.528	HH	35415	1120889	11.24%	0.143%
640	20.542	20.528	20.554	HH	34504	530047	5.31%	0.068%
641	20.571	20.554	20.577	HH	34563	482479	4.84%	0.062%
642	20.584	20.577	20.590	HH	34595	259176	2.60%	0.033%
643	20.615	20.590	20.619	HH	34843	607327	6.09%	0.077%
644	20.664	20.619	20.707	HH	36555	1879072	18.84%	0.240%
645	20.717	20.707	20.725	HH	35177	362508	3.63%	0.046%
646	20.741	20.725	20.747	HH	35316	464321	4.66%	0.059%
647	20.758	20.747	20.777	HH	35253	633145	6.35%	0.081%
648	20.791	20.777	20.831	HH	35283	1142132	11.45%	0.146%
649	20.842	20.831	20.846	HH	35162	315805	3.17%	0.040%
650	20.884	20.846	20.919	HH	36103	1560545	15.65%	0.199%
651	20.923	20.919	20.927	HH	35144	173863	1.74%	0.022%
652	20.932	20.927	20.938	HH	35161	229731	2.30%	0.029%
653	20.941	20.938	20.949	HH	35142	228107	2.29%	0.029%
654	20.958	20.949	20.988	HH	35117	823291	8.25%	0.105%
655	20.996	20.988	21.004	HH	35021	331966	3.33%	0.042%
656	21.008	21.004	21.022	HH	34922	376921	3.78%	0.048%
657	21.031	21.022	21.054	HH	34826	665911	6.68%	0.085%
658	21.069	21.054	21.093	HH	34687	806171	8.08%	0.103%
659	21.099	21.093	21.108	HH	34599	317094	3.18%	0.040%
660	21.123	21.108	21.161	HH	34565	1085960	10.89%	0.138%
661	21.204	21.161	21.254	HH	36039	1964963	19.70%	0.251%
662	21.260	21.254	21.268	HH	34898	296045	2.97%	0.038%
663	21.306	21.268	21.347	HH	35394	1645896	16.50%	0.210%
664	21.358	21.347	21.374	HH	34964	572357	5.74%	0.073%
665	21.379	21.374	21.384	HH	34942	219252	2.20%	0.028%
666	21.389	21.384	21.397	HH	34867	265717	2.66%	0.034%

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667	21.402	21.397	21.414	HH	34920	344465	3.45%	0.044%
668	21.418	21.414	21.432	HH	34833	377948	3.79%	0.048%
669	21.439	21.432	21.447	HH	34860	327838	3.29%	0.042%
670	21.452	21.447	21.459	HH	34831	243607	2.44%	0.031%
671	21.464	21.459	21.479	HH	34897	423605	4.25%	0.054%
672	21.483	21.479	21.498	HH	34832	393830	3.95%	0.050%
673	21.508	21.498	21.512	HH	34762	293023	2.94%	0.037%
674	21.516	21.512	21.524	HH	34797	237043	2.38%	0.030%
675	21.530	21.524	21.535	HH	34751	233522	2.34%	0.030%
676	21.544	21.535	21.582	HH	34766	979418	9.82%	0.125%
677	21.587	21.582	21.595	HH	34595	259485	2.60%	0.033%
678	21.602	21.595	21.615	HH	34599	425041	4.26%	0.054%
679	21.630	21.615	21.641	HH	34684	540515	5.42%	0.069%
680	21.646	21.641	21.650	HH	34712	187309	1.88%	0.024%
681	21.654	21.650	21.666	HH	34715	323751	3.25%	0.041%
682	21.670	21.666	21.687	HH	34687	451716	4.53%	0.058%
683	21.689	21.687	21.698	HH	34612	224595	2.25%	0.029%
684	21.704	21.698	21.717	HH	34583	379973	3.81%	0.048%
685	21.720	21.717	21.725	HH	34538	170778	1.71%	0.022%
686	21.734	21.725	21.742	HH	34661	365342	3.66%	0.047%
687	21.748	21.742	21.756	HH	34691	277331	2.78%	0.035%
688	21.789	21.756	21.793	HH	35123	784272	7.86%	0.100%
689	21.836	21.793	21.875	HH	36116	1739344	17.44%	0.222%
690	21.882	21.875	21.910	HH	34963	734264	7.36%	0.094%
691	21.931	21.910	21.942	HH	34995	660307	6.62%	0.084%
692	21.964	21.942	21.972	HH	34944	645136	6.47%	0.082%
693	21.977	21.972	21.982	HH	34981	192248	1.93%	0.025%
694	21.994	21.982	21.998	HH	35037	346907	3.48%	0.044%
695	22.002	21.998	22.018	HH	34970	414881	4.16%	0.053%
696	22.032	22.018	22.037	HH	35056	405072	4.06%	0.052%
697	22.072	22.037	22.091	HH	35183	1127249	11.30%	0.144%
698	22.095	22.091	22.098	HH	35091	158548	1.59%	0.020%
699	22.103	22.098	22.127	HH	35129	611984	6.14%	0.078%
700	22.133	22.127	22.137	HH	34942	209355	2.10%	0.027%
701	22.142	22.137	22.146	HH	34880	179678	1.80%	0.023%
702	22.150	22.146	22.159	HH	34884	264697	2.65%	0.034%
703	22.168	22.159	22.179	HH	34753	424950	4.26%	0.054%
704	22.183	22.179	22.194	HH	34808	317423	3.18%	0.040%
705	22.199	22.194	22.205	HH	34720	212759	2.13%	0.027%
706	22.214	22.205	22.226	HH	34692	435361	4.36%	0.056%
707	22.248	22.226	22.259	HH	34730	696517	6.98%	0.089%
708	22.268	22.259	22.275	HH	34792	331068	3.32%	0.042%
709	22.283	22.275	22.299	HH	34743	502557	5.04%	0.064%
710	22.308	22.299	22.321	HH	34668	461000	4.62%	0.059%
711	22.344	22.321	22.394	HH	34820	1505187	15.09%	0.192%
712	22.397	22.394	22.402	HH	34579	164629	1.65%	0.021%
713	22.427	22.402	22.436	HH	34699	708343	7.10%	0.090%
714	22.449	22.436	22.454	HH	34873	390831	3.92%	0.050%
715	22.459	22.454	22.465	HH	34853	229258	2.30%	0.029%
716	22.471	22.465	22.486	HH	34857	440491	4.42%	0.056%
717	22.492	22.486	22.496	HH	34815	206672	2.07%	0.026%
718	22.519	22.496	22.530	HH	34889	700467	7.02%	0.089%
719	22.586	22.530	22.640	HH	35750	2308779	23.15%	0.294%

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720	22.669	22.640	22.700	HH	34747	1252540	12.56%	0.160%
721	22.703	22.700	22.718	HH	34563	382048	3.83%	0.049%
722	22.724	22.718	22.734	HH	34570	319168	3.20%	0.041%
723	22.753	22.734	22.770	HH	34623	748827	7.51%	0.095%
724	22.791	22.770	22.799	HH	34681	611146	6.13%	0.078%
725	22.812	22.799	22.820	HH	34640	438478	4.40%	0.056%
726	22.836	22.820	22.846	HH	34613	524253	5.26%	0.067%
727	22.852	22.846	22.868	HH	34579	466275	4.67%	0.059%
728	22.875	22.868	22.889	HH	34618	434686	4.36%	0.055%
729	22.893	22.889	22.898	HH	34567	176889	1.77%	0.023%
730	22.902	22.898	22.914	HH	34561	335468	3.36%	0.043%
731	22.943	22.914	22.957	HH	34655	884479	8.87%	0.113%
732	22.977	22.957	22.986	HH	34670	605637	6.07%	0.077%
733	22.990	22.986	23.001	HH	34654	321318	3.22%	0.041%
734	23.006	23.001	23.042	HH	34543	839239	8.41%	0.107%
735	23.046	23.042	23.052	HH	34417	200778	2.01%	0.026%
736	23.055	23.052	23.066	HH	34438	292146	2.93%	0.037%
737	23.069	23.066	23.077	HH	34377	227555	2.28%	0.029%
738	23.080	23.077	23.086	HH	34362	184525	1.85%	0.024%
739	23.091	23.086	23.107	HH	34353	428852	4.30%	0.055%
740	23.121	23.107	23.132	HH	34471	533229	5.35%	0.068%
741	23.138	23.132	23.145	HH	34471	258053	2.59%	0.033%
742	23.151	23.145	23.156	HH	34451	223152	2.24%	0.028%
743	23.182	23.156	23.192	HH	34611	757947	7.60%	0.097%
744	23.200	23.192	23.209	HH	34520	353525	3.54%	0.045%
745	23.216	23.209	23.220	HH	34498	222192	2.23%	0.028%
746	23.223	23.220	23.234	HH	34467	286609	2.87%	0.037%
747	23.240	23.234	23.254	HH	34440	412828	4.14%	0.053%
748	23.257	23.254	23.262	HH	34458	159603	1.60%	0.020%
749	23.268	23.262	23.273	HH	34427	235971	2.37%	0.030%
750	23.280	23.273	23.306	HH	34452	671087	6.73%	0.086%
751	23.309	23.306	23.314	HH	34492	162410	1.63%	0.021%
752	23.345	23.314	23.350	HH	34720	756036	7.58%	0.096%
753	23.355	23.350	23.378	HH	34730	572650	5.74%	0.073%
754	23.392	23.378	23.402	HH	34693	516450	5.18%	0.066%
755	23.410	23.402	23.417	HH	34796	312383	3.13%	0.040%
756	23.420	23.417	23.437	HH	34770	410556	4.12%	0.052%
757	23.491	23.437	23.497	HH	35574	1253264	12.56%	0.160%
758	23.501	23.497	23.589	HH	35584	1933945	19.39%	0.247%
759	23.593	23.589	23.598	HH	34638	190159	1.91%	0.024%
760	23.604	23.598	23.617	HH	34594	385387	3.86%	0.049%
761	23.620	23.617	23.639	HH	34592	457953	4.59%	0.058%
762	23.646	23.639	23.659	HH	34530	413939	4.15%	0.053%
763	23.664	23.659	23.670	HH	34485	231401	2.32%	0.030%
764	23.682	23.670	23.687	HH	34483	354411	3.55%	0.045%
765	23.712	23.687	23.724	HH	34545	759577	7.62%	0.097%
766	23.729	23.724	23.733	HH	34498	194769	1.95%	0.025%
767	23.742	23.733	23.758	HH	34691	516533	5.18%	0.066%
768	23.761	23.758	23.787	HH	34431	599440	6.01%	0.076%
769	23.792	23.787	23.798	HH	34348	224736	2.25%	0.029%
770	23.816	23.798	23.822	HH	34373	497297	4.99%	0.063%
771	23.836	23.822	23.849	HH	34435	550290	5.52%	0.070%

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772	23.857	23.849	23.862	HH	34384	274888	2.76%	0.035%
773	23.869	23.862	23.874	HH	34388	245534	2.46%	0.031%
774	23.883	23.874	23.889	HH	34384	293935	2.95%	0.037%
775	23.894	23.889	23.899	HH	34415	208594	2.09%	0.027%
776	23.908	23.899	23.916	HH	34456	351603	3.53%	0.045%
777	23.920	23.916	23.924	HH	34456	172428	1.73%	0.022%
778	23.935	23.924	23.945	HH	34511	430640	4.32%	0.055%
779	23.949	23.945	23.956	HH	34517	220090	2.21%	0.028%
780	23.965	23.956	23.976	HH	34424	411523	4.13%	0.052%
781	23.990	23.976	23.994	HH	34443	387641	3.89%	0.049%
782	24.001	23.994	24.017	HH	34483	476665	4.78%	0.061%
783	24.022	24.017	24.067	HH	34373	1010952	10.14%	0.129%
784	24.070	24.067	24.082	HH	34188	308139	3.09%	0.039%
785	24.098	24.082	24.107	HH	34251	511012	5.12%	0.065%
786	24.123	24.107	24.140	HH	34381	687030	6.89%	0.088%
787	24.158	24.140	24.194	HH	34410	1116460	11.19%	0.142%
788	24.198	24.194	24.202	HH	34277	162679	1.63%	0.021%
789	24.209	24.202	24.217	HH	34279	315712	3.17%	0.040%
790	24.224	24.217	24.232	HH	34252	290069	2.91%	0.037%
791	24.239	24.232	24.251	HH	34344	393911	3.95%	0.050%
792	24.259	24.251	24.267	HH	34324	342621	3.43%	0.044%
793	24.280	24.267	24.288	HH	34311	427784	4.29%	0.055%
794	24.316	24.288	24.326	HH	34352	771807	7.74%	0.098%
795	24.328	24.326	24.340	HH	34277	292041	2.93%	0.037%
796	24.350	24.340	24.360	HH	34286	409524	4.11%	0.052%
797	24.365	24.360	24.376	HH	34275	325138	3.26%	0.041%
798	24.383	24.376	24.392	HH	34240	326374	3.27%	0.042%
799	24.396	24.392	24.403	HH	34152	237215	2.38%	0.030%
800	24.411	24.403	24.418	HH	34183	307045	3.08%	0.039%
801	24.423	24.418	24.428	HH	34191	204838	2.05%	0.026%
802	24.433	24.428	24.439	HH	34233	213467	2.14%	0.027%
803	24.448	24.439	24.459	HH	34189	418197	4.19%	0.053%
804	24.479	24.459	24.485	HH	34244	529615	5.31%	0.068%
805	24.489	24.485	24.496	HH	34271	229378	2.30%	0.029%
806	24.515	24.496	24.522	HH	34338	529891	5.31%	0.068%
807	24.538	24.522	24.542	HH	34414	420882	4.22%	0.054%
808	24.597	24.542	24.668	HH	35053	2626706	26.33%	0.335%
809	24.673	24.668	24.689	HH	34489	425218	4.26%	0.054%
810	24.694	24.689	24.698	HH	34458	195784	1.96%	0.025%
811	24.706	24.698	24.711	HH	34464	258199	2.59%	0.033%
812	24.715	24.711	24.734	HH	34522	482295	4.84%	0.061%
813	24.737	24.734	24.752	HH	34500	378671	3.80%	0.048%
814	24.755	24.752	24.775	HH	34415	461845	4.63%	0.059%
815	24.781	24.775	24.786	HH	34418	226854	2.27%	0.029%

Sum of corrected areas: 784244601

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