

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE021318\
 Data File : FE026238.D
 Signal(s) : FID1B.CH
 Acq On : 13 Feb 2018 9:30
 Sample : J1530-18
 Misc :
 ALS Vial : 31 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	2.424	2.401	2.447	BH	271	2153	0.06%	0.001%
2	2.464	2.447	2.475	PH	230	1572	0.04%	0.001%
3	2.480	2.475	2.486	PH	133	392	0.01%	0.000%
4	2.497	2.486	2.501	PH	201	538	0.02%	0.000%
5	2.514	2.501	2.520	HH	154	1097	0.03%	0.001%
6	2.531	2.520	2.539	PH	93	565	0.02%	0.000%
7	2.552	2.539	2.575	PH	361	3099	0.09%	0.002%
8	2.579	2.575	2.597	HH	197	1180	0.03%	0.001%
9	2.608	2.597	2.615	PH	143	956	0.03%	0.000%
10	2.622	2.615	2.628	HH	222	1226	0.03%	0.001%
11	2.633	2.628	2.639	HH	250	989	0.03%	0.000%
12	2.651	2.639	2.655	PH	148	1111	0.03%	0.001%
13	2.679	2.655	2.729	HH	4332	67147	1.92%	0.034%
14	2.734	2.729	2.756	HH	629	7565	0.22%	0.004%
15	2.768	2.756	2.775	HH	393	3736	0.11%	0.002%
16	2.781	2.775	2.791	HH	335	2679	0.08%	0.001%
17	2.806	2.791	2.826	HH	506	7386	0.21%	0.004%
18	2.836	2.826	2.845	HH	416	3495	0.10%	0.002%
19	2.851	2.845	2.867	HH	355	3572	0.10%	0.002%
20	2.876	2.867	2.885	HH	426	3636	0.10%	0.002%
21	2.891	2.885	2.895	HH	473	2242	0.06%	0.001%
22	2.901	2.895	2.907	HH	428	3080	0.09%	0.002%
23	2.911	2.907	2.921	HH	404	2885	0.08%	0.001%
24	2.928	2.921	2.940	HH	523	4505	0.13%	0.002%
25	2.944	2.940	2.955	HH	440	3371	0.10%	0.002%
26	2.960	2.955	2.973	HH	490	4145	0.12%	0.002%
27	2.979	2.973	2.987	HH	429	3072	0.09%	0.002%
28	2.997	2.987	3.019	HH	522	7351	0.21%	0.004%
29	3.027	3.019	3.035	HH	537	4157	0.12%	0.002%
30	3.041	3.035	3.063	HH	548	7836	0.22%	0.004%
31	3.071	3.063	3.077	HH	556	3613	0.10%	0.002%
32	3.083	3.077	3.087	HH	486	2527	0.07%	0.001%
33	3.092	3.087	3.096	HH	521	2096	0.06%	0.001%
34	3.103	3.096	3.113	HH	593	4802	0.14%	0.002%
35	3.128	3.113	3.134	HH	627	7110	0.20%	0.004%
36	3.139	3.134	3.147	HH	604	4152	0.12%	0.002%

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37	3.156	3.147	3.163	HH	600	4828	0.14%	0.002%
38	3.167	3.163	3.174	HH	547	3098	0.09%	0.002%
39	3.180	3.174	3.187	HH	613	4194	0.12%	0.002%
40	3.200	3.187	3.205	HH	620	5356	0.15%	0.003%
41	3.217	3.205	3.234	HH	739	10539	0.30%	0.005%
42	3.239	3.234	3.246	HH	621	4194	0.12%	0.002%
43	3.252	3.246	3.257	HH	679	3719	0.11%	0.002%
44	3.263	3.257	3.280	HH	714	8618	0.25%	0.004%
45	3.286	3.280	3.292	HH	724	4930	0.14%	0.002%
46	3.304	3.292	3.311	HH	889	8898	0.25%	0.004%
47	3.315	3.311	3.325	HH	772	5492	0.16%	0.003%
48	3.329	3.325	3.339	HH	818	5895	0.17%	0.003%
49	3.362	3.339	3.370	HH	846	12985	0.37%	0.007%
50	3.375	3.370	3.380	HH	714	4027	0.11%	0.002%
51	3.386	3.380	3.394	HH	777	5578	0.16%	0.003%
52	3.401	3.394	3.406	HH	838	5363	0.15%	0.003%
53	3.410	3.406	3.415	HH	832	3784	0.11%	0.002%
54	3.423	3.415	3.433	HH	760	7833	0.22%	0.004%
55	3.437	3.433	3.445	HH	833	5177	0.15%	0.003%
56	3.450	3.445	3.458	HH	790	5412	0.15%	0.003%
57	3.466	3.458	3.476	HH	827	8550	0.24%	0.004%
58	3.485	3.476	3.490	HH	837	6187	0.18%	0.003%
59	3.496	3.490	3.503	HH	802	5475	0.16%	0.003%
60	3.520	3.503	3.528	HH	917	12003	0.34%	0.006%
61	3.533	3.528	3.539	HH	861	4896	0.14%	0.002%
62	3.544	3.539	3.548	HH	901	4597	0.13%	0.002%
63	3.552	3.548	3.559	HH	859	5699	0.16%	0.003%
64	3.568	3.559	3.580	HH	967	11212	0.32%	0.006%
65	3.587	3.580	3.605	HH	1032	12955	0.37%	0.007%
66	3.615	3.605	3.624	HH	956	10312	0.29%	0.005%
67	3.631	3.624	3.641	HH	1033	9246	0.26%	0.005%
68	3.646	3.641	3.660	HH	1019	10463	0.30%	0.005%
69	3.668	3.660	3.684	HH	1039	13754	0.39%	0.007%
70	3.707	3.684	3.712	HH	1146	15850	0.45%	0.008%
71	3.716	3.712	3.720	HH	1060	5278	0.15%	0.003%
72	3.727	3.720	3.740	HH	1133	12502	0.36%	0.006%
73	3.746	3.740	3.755	HH	1128	9298	0.27%	0.005%
74	3.758	3.755	3.767	HH	1113	8007	0.23%	0.004%
75	3.773	3.767	3.791	HH	1112	14984	0.43%	0.008%
76	3.799	3.791	3.805	HH	1133	8437	0.24%	0.004%
77	3.815	3.805	3.823	HH	1122	11366	0.32%	0.006%
78	3.837	3.823	3.846	HH	1229	14958	0.43%	0.008%
79	3.867	3.846	3.883	HH	1253	24742	0.71%	0.012%
80	3.910	3.883	3.915	HH	1256	21723	0.62%	0.011%
81	3.920	3.915	3.927	HH	1201	7969	0.23%	0.004%
82	3.939	3.927	3.958	HH	1301	21777	0.62%	0.011%
83	3.968	3.958	3.975	HH	1318	12166	0.35%	0.006%
84	3.985	3.975	4.001	HH	1298	19508	0.56%	0.010%
85	4.011	4.001	4.016	HH	1322	10470	0.30%	0.005%
86	4.021	4.016	4.025	HH	1450	7113	0.20%	0.004%
87	4.028	4.025	4.046	HH	1352	16861	0.48%	0.008%
88	4.054	4.046	4.060	HH	1494	11234	0.32%	0.006%
89	4.064	4.060	4.070	HH	1363	8054	0.23%	0.004%

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90	4.076	4.070	4.091	HH	1382	16650	0.48%	0.008%
91	4.094	4.091	4.098	HH	1392	5639	0.16%	0.003%
92	4.113	4.098	4.118	HH	1477	15915	0.45%	0.008%
93	4.130	4.118	4.137	HH	1538	16200	0.46%	0.008%
94	4.142	4.137	4.146	HH	1436	7255	0.21%	0.004%
95	4.149	4.146	4.160	HH	1431	11479	0.33%	0.006%
96	4.201	4.160	4.205	HH	1537	39226	1.12%	0.020%
97	4.210	4.205	4.215	HH	1663	8509	0.24%	0.004%
98	4.219	4.215	4.229	HH	1640	12937	0.37%	0.007%
99	4.242	4.229	4.254	HH	1538	22156	0.63%	0.011%
100	4.285	4.254	4.290	HH	2810	48178	1.38%	0.024%
101	4.299	4.290	4.303	HH	2830	21974	0.63%	0.011%
102	4.313	4.303	4.325	HH	2884	35875	1.02%	0.018%
103	4.329	4.325	4.338	HH	2898	21603	0.62%	0.011%
104	4.343	4.338	4.348	HH	2830	16573	0.47%	0.008%
105	4.357	4.348	4.376	HH	2726	42662	1.22%	0.021%
106	4.383	4.376	4.399	HH	2559	34593	0.99%	0.017%
107	4.402	4.399	4.417	HH	2610	27180	0.78%	0.014%
108	4.423	4.417	4.428	HH	2540	15608	0.45%	0.008%
109	4.435	4.428	4.443	HH	2493	21635	0.62%	0.011%
110	4.450	4.443	4.462	HH	2519	27547	0.79%	0.014%
111	4.468	4.462	4.472	HH	2459	14447	0.41%	0.007%
112	4.484	4.472	4.505	HH	2486	45987	1.31%	0.023%
113	4.513	4.505	4.520	HH	2510	21545	0.62%	0.011%
114	4.527	4.520	4.534	HH	2411	19904	0.57%	0.010%
115	4.538	4.534	4.547	HH	2320	17781	0.51%	0.009%
116	4.557	4.547	4.565	HH	2357	24280	0.69%	0.012%
117	4.580	4.565	4.599	HH	2488	45334	1.29%	0.023%
118	4.612	4.599	4.625	HH	2254	35056	1.00%	0.018%
119	4.630	4.625	4.638	HH	2296	16535	0.47%	0.008%
120	4.640	4.638	4.652	HH	2239	18379	0.52%	0.009%
121	4.673	4.652	4.691	HH	2244	50539	1.44%	0.025%
122	4.696	4.691	4.701	HH	2256	12577	0.36%	0.006%
123	4.707	4.701	4.712	HH	2423	15055	0.43%	0.008%
124	4.723	4.712	4.729	HH	2478	24151	0.69%	0.012%
125	4.738	4.729	4.758	HH	2387	39640	1.13%	0.020%
126	4.765	4.758	4.779	HH	2262	27831	0.79%	0.014%
127	4.787	4.779	4.795	HH	2237	20766	0.59%	0.010%
128	4.800	4.795	4.805	HH	2247	14313	0.41%	0.007%
129	4.811	4.805	4.818	HH	2257	16248	0.46%	0.008%
130	4.832	4.818	4.837	HH	2264	25606	0.73%	0.013%
131	4.848	4.837	4.862	HH	2293	32382	0.92%	0.016%
132	4.872	4.862	4.879	HH	2197	20751	0.59%	0.010%
133	4.882	4.879	4.896	HH	2263	21591	0.62%	0.011%
134	4.900	4.896	4.906	HH	2290	14146	0.40%	0.007%
135	4.914	4.906	4.922	HH	2267	20041	0.57%	0.010%
136	4.925	4.922	4.930	HH	2161	9888	0.28%	0.005%
137	4.948	4.930	4.963	HH	2194	42645	1.22%	0.021%
138	4.968	4.963	4.988	HH	2324	32790	0.94%	0.017%
139	4.992	4.988	4.997	HH	2211	11570	0.33%	0.006%
140	5.010	4.997	5.014	HH	2284	21672	0.62%	0.011%
141	5.021	5.014	5.035	HH	2283	28059	0.80%	0.014%

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142	5.066	5.035	5.072	HH	2278	47802	1.36%	0.024%
143	5.079	5.072	5.097	HH	2316	33015	0.94%	0.017%
144	5.104	5.097	5.108	HH	2230	14921	0.43%	0.008%
145	5.145	5.108	5.153	HH	2375	62078	1.77%	0.031%
146	5.159	5.153	5.177	HH	2498	34214	0.98%	0.017%
147	5.180	5.177	5.185	HH	2408	11606	0.33%	0.006%
148	5.199	5.185	5.206	HH	2445	29355	0.84%	0.015%
149	5.211	5.206	5.214	HH	2402	11217	0.32%	0.006%
150	5.218	5.214	5.226	HH	2467	16549	0.47%	0.008%
151	5.252	5.226	5.261	HH	2568	49887	1.42%	0.025%
152	5.268	5.261	5.280	HH	2500	26481	0.76%	0.013%
153	5.284	5.280	5.292	HH	2404	17756	0.51%	0.009%
154	5.310	5.292	5.319	HH	2509	37547	1.07%	0.019%
155	5.326	5.319	5.338	HH	2426	27429	0.78%	0.014%
156	5.343	5.338	5.348	HH	2512	14300	0.41%	0.007%
157	5.355	5.348	5.359	HH	2584	16440	0.47%	0.008%
158	5.364	5.359	5.368	HH	2638	14020	0.40%	0.007%
159	5.372	5.368	5.380	HH	2571	18736	0.53%	0.009%
160	5.385	5.380	5.392	HH	2661	17840	0.51%	0.009%
161	5.398	5.392	5.409	HH	2573	26147	0.75%	0.013%
162	5.416	5.409	5.423	HH	2596	20186	0.58%	0.010%
163	5.430	5.423	5.444	HH	2580	32408	0.93%	0.016%
164	5.450	5.444	5.455	HH	2618	16325	0.47%	0.008%
165	5.474	5.455	5.478	HH	2601	35332	1.01%	0.018%
166	5.498	5.478	5.505	HH	2789	42791	1.22%	0.022%
167	5.541	5.505	5.553	HH	2839	78295	2.24%	0.039%
168	5.562	5.553	5.567	HH	2946	23598	0.67%	0.012%
169	5.570	5.567	5.575	HH	2979	14166	0.40%	0.007%
170	5.588	5.575	5.598	HH	2956	38892	1.11%	0.020%
171	5.603	5.598	5.610	HH	3044	21266	0.61%	0.011%
172	5.616	5.610	5.630	HH	2959	34736	0.99%	0.017%
173	5.639	5.630	5.647	HH	2897	28468	0.81%	0.014%
174	5.654	5.647	5.666	HH	2925	32741	0.93%	0.016%
175	5.687	5.666	5.693	HH	3015	46908	1.34%	0.024%
176	5.705	5.693	5.708	HH	3038	27435	0.78%	0.014%
177	5.715	5.708	5.729	HH	3127	37386	1.07%	0.019%
178	5.733	5.729	5.742	HH	3025	23265	0.66%	0.012%
179	5.753	5.742	5.758	HH	3054	28574	0.82%	0.014%
180	5.770	5.758	5.781	HH	3066	41259	1.18%	0.021%
181	5.785	5.781	5.790	HH	3023	15774	0.45%	0.008%
182	5.797	5.790	5.802	HH	3078	22741	0.65%	0.011%
183	5.806	5.802	5.810	HH	3151	13759	0.39%	0.007%
184	5.816	5.810	5.835	HH	3182	46448	1.33%	0.023%
185	5.845	5.835	5.865	HH	3201	55222	1.58%	0.028%
186	5.869	5.865	5.889	HH	3245	45475	1.30%	0.023%
187	5.895	5.889	5.909	HH	3280	37788	1.08%	0.019%
188	5.918	5.909	5.933	HH	3345	47190	1.35%	0.024%
189	5.938	5.933	5.944	HH	3226	20799	0.59%	0.010%
190	5.959	5.944	5.968	HH	3328	47180	1.35%	0.024%
191	5.971	5.968	5.977	HH	3341	16817	0.48%	0.008%
192	5.990	5.977	5.999	HH	3356	44974	1.28%	0.023%
193	6.007	5.999	6.030	HH	3385	61520	1.76%	0.031%
194	6.034	6.030	6.040	HH	3327	18343	0.52%	0.009%

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195	6.045	6.040	6.063	HH	3358	46116	1.32%	0.023%
196	6.071	6.063	6.077	HH	3483	28354	0.81%	0.014%
197	6.117	6.077	6.125	HH	3689	101457	2.90%	0.051%
198	6.130	6.125	6.140	HH	3661	32836	0.94%	0.017%
199	6.146	6.140	6.172	HH	3623	67539	1.93%	0.034%
200	6.183	6.172	6.189	HH	3705	35697	1.02%	0.018%
201	6.216	6.189	6.249	HH	9294	176915	5.05%	0.089%
202	6.252	6.249	6.264	HH	3571	31957	0.91%	0.016%
203	6.269	6.264	6.273	HH	3648	20342	0.58%	0.010%
204	6.279	6.273	6.285	HH	3634	25524	0.73%	0.013%
205	6.292	6.285	6.295	HH	3637	21639	0.62%	0.011%
206	6.310	6.295	6.328	HH	3754	71555	2.04%	0.036%
207	6.335	6.328	6.345	HH	3735	38192	1.09%	0.019%
208	6.355	6.345	6.365	HH	3755	42283	1.21%	0.021%
209	6.373	6.365	6.379	HH	3757	32125	0.92%	0.016%
210	6.390	6.379	6.400	HH	3697	46882	1.34%	0.024%
211	6.408	6.400	6.417	HH	3788	36869	1.05%	0.019%
212	6.422	6.417	6.428	HH	3710	23988	0.68%	0.012%
213	6.438	6.428	6.445	HH	3790	39245	1.12%	0.020%
214	6.452	6.445	6.456	HH	3790	22254	0.64%	0.011%
215	6.464	6.456	6.469	HH	3852	29984	0.86%	0.015%
216	6.482	6.469	6.487	HH	3791	41124	1.17%	0.021%
217	6.490	6.487	6.506	HH	3813	42960	1.23%	0.022%
218	6.515	6.506	6.523	HH	3903	39187	1.12%	0.020%
219	6.529	6.523	6.535	HH	3934	27365	0.78%	0.014%
220	6.540	6.535	6.551	HH	3946	36486	1.04%	0.018%
221	6.567	6.551	6.581	HH	3939	69694	1.99%	0.035%
222	6.588	6.581	6.595	HH	3883	30694	0.88%	0.015%
223	6.600	6.595	6.605	HH	3954	25044	0.71%	0.013%
224	6.611	6.605	6.624	HH	3885	43319	1.24%	0.022%
225	6.629	6.624	6.641	HH	3907	38891	1.11%	0.020%
226	6.652	6.641	6.657	HH	3892	36203	1.03%	0.018%
227	6.663	6.657	6.670	HH	3950	31110	0.89%	0.016%
228	6.676	6.670	6.681	HH	3913	25084	0.72%	0.013%
229	6.691	6.681	6.696	HH	3953	35155	1.00%	0.018%
230	6.699	6.696	6.709	HH	4011	29363	0.84%	0.015%
231	6.726	6.709	6.734	HH	4019	59996	1.71%	0.030%
232	6.739	6.734	6.744	HH	3981	22586	0.64%	0.011%
233	6.749	6.744	6.755	HH	3983	25650	0.73%	0.013%
234	6.779	6.755	6.790	HH	4114	83785	2.39%	0.042%
235	6.798	6.790	6.802	HH	4041	29873	0.85%	0.015%
236	6.808	6.802	6.813	HH	4072	24959	0.71%	0.013%
237	6.818	6.813	6.829	HH	4071	40493	1.16%	0.020%
238	6.839	6.829	6.852	HH	4143	55333	1.58%	0.028%
239	6.856	6.852	6.863	HH	4067	26052	0.74%	0.013%
240	6.873	6.863	6.877	HH	4185	34810	0.99%	0.018%
241	6.892	6.877	6.911	HH	4246	84840	2.42%	0.043%
242	6.920	6.911	6.928	HH	4191	41441	1.18%	0.021%
243	6.931	6.928	6.944	HH	4158	39606	1.13%	0.020%
244	6.954	6.944	6.961	HH	4156	42395	1.21%	0.021%
245	6.968	6.961	6.976	HH	4222	36815	1.05%	0.019%
246	6.982	6.976	6.990	HH	4160	33772	0.96%	0.017%

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247	6.995	6.990	7.000	HH	4116	25704	0.73%	0.013%
248	7.010	7.000	7.023	HH	4226	56256	1.61%	0.028%
249	7.028	7.023	7.032	HH	4208	23355	0.67%	0.012%
250	7.039	7.032	7.045	HH	4313	31026	0.89%	0.016%
251	7.069	7.045	7.079	HH	4306	87472	2.50%	0.044%
252	7.093	7.079	7.104	HH	4360	62198	1.78%	0.031%
253	7.108	7.104	7.113	HH	4370	25578	0.73%	0.013%
254	7.134	7.113	7.153	HH	4516	105037	3.00%	0.053%
255	7.160	7.153	7.165	HH	4374	29126	0.83%	0.015%
256	7.176	7.165	7.190	HH	4422	67247	1.92%	0.034%
257	7.211	7.190	7.248	HH	5111	157742	4.50%	0.079%
258	7.253	7.248	7.261	HH	4484	34414	0.98%	0.017%
259	7.265	7.261	7.269	HH	4422	22350	0.64%	0.011%
260	7.281	7.269	7.288	HH	4490	49678	1.42%	0.025%
261	7.310	7.288	7.315	HH	4526	70529	2.01%	0.036%
262	7.320	7.315	7.338	HH	4464	62097	1.77%	0.031%
263	7.356	7.338	7.370	HH	4725	89542	2.56%	0.045%
264	7.375	7.370	7.379	HH	4738	23729	0.68%	0.012%
265	7.388	7.379	7.405	HH	4917	73760	2.11%	0.037%
266	7.450	7.405	7.490	HH	5492	257872	7.36%	0.130%
267	7.497	7.490	7.508	HH	4897	50556	1.44%	0.025%
268	7.510	7.508	7.515	HH	4764	20744	0.59%	0.010%
269	7.523	7.515	7.530	HH	4835	43235	1.23%	0.022%
270	7.538	7.530	7.543	HH	4788	35601	1.02%	0.018%
271	7.562	7.543	7.570	HH	4892	79022	2.26%	0.040%
272	7.593	7.570	7.598	HH	4883	78070	2.23%	0.039%
273	7.606	7.598	7.624	HH	4861	75694	2.16%	0.038%
274	7.663	7.624	7.670	HH	5008	136297	3.89%	0.069%
275	7.674	7.670	7.687	HH	4956	48364	1.38%	0.024%
276	7.696	7.687	7.702	HH	4954	43593	1.24%	0.022%
277	7.720	7.702	7.742	HH	5305	122096	3.49%	0.061%
278	7.747	7.742	7.751	HH	5059	27953	0.80%	0.014%
279	7.792	7.751	7.796	HH	5376	141097	4.03%	0.071%
280	7.828	7.796	7.865	HH	6250	233198	6.66%	0.117%
281	7.892	7.865	7.937	HH	5842	237933	6.79%	0.120%
282	7.953	7.937	7.967	HH	5647	96720	2.76%	0.049%
283	7.970	7.967	7.975	HH	5399	25872	0.74%	0.013%
284	7.995	7.975	8.025	HH	6195	171791	4.90%	0.086%
285	8.029	8.025	8.035	HH	5520	32263	0.92%	0.016%
286	8.053	8.035	8.074	HH	6040	133766	3.82%	0.067%
287	8.081	8.074	8.086	HH	5712	43076	1.23%	0.022%
288	8.093	8.086	8.097	HH	5668	35348	1.01%	0.018%
289	8.114	8.097	8.142	HH	7423	170372	4.86%	0.086%
290	8.152	8.142	8.157	HH	5706	51197	1.46%	0.026%
291	8.166	8.157	8.173	HH	5934	56515	1.61%	0.028%
292	8.180	8.173	8.196	HH	5894	77638	2.22%	0.039%
293	8.219	8.196	8.229	HH	6045	117653	3.36%	0.059%
294	8.243	8.229	8.250	HH	6028	71650	2.05%	0.036%
295	8.295	8.250	8.329	HH	20225	442905	12.64%	0.223%
296	8.339	8.329	8.368	HH	7012	153942	4.39%	0.077%
297	8.399	8.368	8.472	HH	17196	665377	18.99%	0.335%
298	8.485	8.472	8.524	HH	8647	246627	7.04%	0.124%
299	8.531	8.524	8.562	HH	7495	165510	4.72%	0.083%

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300	8.586	8.562	8.604	HH	7431	184676	5.27%	0.093%
301	8.616	8.604	8.633	HH	7151	120347	3.44%	0.061%
302	8.655	8.633	8.676	HH	7698	191575	5.47%	0.096%
303	8.713	8.676	8.728	HH	9044	250834	7.16%	0.126%
304	8.742	8.728	8.766	HH	9330	189677	5.41%	0.095%
305	8.785	8.766	8.805	HH	9672	195201	5.57%	0.098%
306	8.827	8.805	8.855	HH	18301	337042	9.62%	0.170%
307	8.882	8.855	8.926	HH	10604	356725	10.18%	0.180%
308	8.948	8.926	8.961	HH	8050	163615	4.67%	0.082%
309	8.974	8.961	9.008	HH	8663	223756	6.39%	0.113%
310	9.012	9.008	9.024	HH	7589	70525	2.01%	0.036%
311	9.073	9.024	9.090	HH	9010	332991	9.51%	0.168%
312	9.113	9.090	9.165	HH	47687	777192	22.19%	0.391%
313	9.170	9.165	9.180	HH	8579	74958	2.14%	0.038%
314	9.197	9.180	9.220	HH	10428	228439	6.52%	0.115%
315	9.237	9.220	9.276	HH	9340	300817	8.59%	0.151%
316	9.291	9.276	9.323	HH	9805	255019	7.28%	0.128%
317	9.349	9.323	9.362	HH	9081	207874	5.93%	0.105%
318	9.373	9.362	9.380	HH	8784	92923	2.65%	0.047%
319	9.396	9.380	9.403	HH	9210	123264	3.52%	0.062%
320	9.413	9.403	9.429	HH	9092	138706	3.96%	0.070%
321	9.442	9.429	9.464	HH	8843	179836	5.13%	0.091%
322	9.489	9.464	9.519	HH	14398	380704	10.87%	0.192%
323	9.532	9.519	9.547	HH	12111	185624	5.30%	0.093%
324	9.575	9.547	9.596	HH	12579	319309	9.12%	0.161%
325	9.618	9.596	9.634	HH	15220	275643	7.87%	0.139%
326	9.645	9.634	9.658	HH	11974	163912	4.68%	0.083%
327	9.672	9.658	9.697	HH	13490	262516	7.49%	0.132%
328	9.726	9.697	9.746	HH	11741	303134	8.65%	0.153%
329	9.752	9.746	9.758	HH	9766	67613	1.93%	0.034%
330	9.765	9.758	9.779	HH	9618	118210	3.37%	0.060%
331	9.813	9.779	9.825	HH	10486	274964	7.85%	0.138%
332	9.846	9.825	9.860	HH	11362	232058	6.62%	0.117%
333	9.890	9.860	9.938	HH	53825	917607	26.19%	0.462%
334	9.958	9.938	9.964	HH	11848	173677	4.96%	0.087%
335	9.969	9.964	9.985	HH	11802	144946	4.14%	0.073%
336	9.995	9.985	10.035	HH	11797	331171	9.45%	0.167%
337	10.039	10.035	10.049	HH	10197	82946	2.37%	0.042%
338	10.063	10.049	10.083	HH	10492	209805	5.99%	0.106%
339	10.102	10.083	10.133	HH	10675	311541	8.89%	0.157%
340	10.141	10.133	10.146	HH	10560	86163	2.46%	0.043%
341	10.167	10.146	10.201	HH	11116	346528	9.89%	0.174%
342	10.236	10.201	10.248	HH	14188	339139	9.68%	0.171%
343	10.276	10.248	10.308	HH	21234	535034	15.27%	0.269%
344	10.327	10.308	10.346	HH	13420	277888	7.93%	0.140%
345	10.367	10.346	10.397	HH	14763	375995	10.73%	0.189%
346	10.421	10.397	10.445	HH	14639	343877	9.82%	0.173%
347	10.464	10.445	10.495	HH	10719	317765	9.07%	0.160%
348	10.512	10.495	10.528	HH	11351	220253	6.29%	0.111%
349	10.556	10.528	10.587	HH	13015	424636	12.12%	0.214%
350	10.626	10.587	10.667	HH	43018	875038	24.98%	0.440%
351	10.696	10.667	10.724	HH	18292	486221	13.88%	0.245%

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352	10.755	10.724	10.785	HH	12722	438652	12.52%	0.221%
353	10.797	10.785	10.819	HH	11243	227503	6.49%	0.115%
354	10.823	10.819	10.828	HH	11126	59283	1.69%	0.030%
355	10.840	10.828	10.869	HH	11376	272743	7.79%	0.137%
356	10.885	10.869	10.917	HH	11419	316566	9.04%	0.159%
357	10.943	10.917	10.963	HH	13056	339953	9.70%	0.171%
358	10.968	10.963	10.987	HH	12531	170909	4.88%	0.086%
359	11.020	10.987	11.034	HH	14363	368908	10.53%	0.186%
360	11.042	11.034	11.063	HH	13164	218419	6.24%	0.110%
361	11.081	11.063	11.116	HH	13456	384787	10.98%	0.194%
362	11.134	11.116	11.169	HH	12685	367249	10.48%	0.185%
363	11.181	11.169	11.192	HH	11172	153218	4.37%	0.077%
364	11.195	11.192	11.210	HH	11064	115189	3.29%	0.058%
365	11.222	11.210	11.249	HH	11158	257553	7.35%	0.130%
366	11.264	11.249	11.292	HH	11248	286736	8.19%	0.144%
367	11.328	11.292	11.366	HH	26600	653941	18.67%	0.329%
368	11.372	11.366	11.390	HH	11492	163978	4.68%	0.083%
369	11.415	11.390	11.467	HH	14646	550757	15.72%	0.277%
370	11.485	11.467	11.498	HH	10818	200775	5.73%	0.101%
371	11.508	11.498	11.523	HH	10909	158934	4.54%	0.080%
372	11.535	11.523	11.552	HH	10992	191462	5.47%	0.096%
373	11.568	11.552	11.575	HH	10925	144456	4.12%	0.073%
374	11.578	11.575	11.584	HH	10857	58016	1.66%	0.029%
375	11.589	11.584	11.600	HH	10810	103826	2.96%	0.052%
376	11.623	11.600	11.666	HH	11627	443849	12.67%	0.223%
377	11.683	11.666	11.704	HH	11267	249290	7.12%	0.125%
378	11.726	11.704	11.749	HH	11932	303482	8.66%	0.153%
379	11.761	11.749	11.784	HH	11348	229700	6.56%	0.116%
380	11.813	11.784	11.830	HH	11447	310277	8.86%	0.156%
381	11.837	11.830	11.864	HH	10989	217579	6.21%	0.110%
382	11.868	11.864	11.872	HH	10787	52366	1.49%	0.026%
383	11.887	11.872	11.901	HH	11025	191646	5.47%	0.096%
384	11.928	11.901	11.952	HH	11254	335174	9.57%	0.169%
385	11.996	11.952	12.027	HH	16342	565963	16.16%	0.285%
386	12.032	12.027	12.052	HH	11403	169051	4.83%	0.085%
387	12.068	12.052	12.085	HH	11456	220107	6.28%	0.111%
388	12.096	12.085	12.114	HH	11307	197419	5.64%	0.099%
389	12.127	12.114	12.134	HH	10918	127705	3.65%	0.064%
390	12.140	12.134	12.167	HH	10938	215419	6.15%	0.108%
391	12.208	12.167	12.220	HH	11409	348888	9.96%	0.176%
392	12.224	12.220	12.246	HH	10908	167553	4.78%	0.084%
393	12.279	12.246	12.304	HH	11489	382283	10.91%	0.192%
394	12.325	12.304	12.354	HH	12668	343598	9.81%	0.173%
395	12.363	12.354	12.377	HH	11126	155605	4.44%	0.078%
396	12.408	12.377	12.436	HH	11596	396073	11.31%	0.199%
397	12.461	12.436	12.474	HH	11177	252574	7.21%	0.127%
398	12.478	12.474	12.486	HH	11031	78515	2.24%	0.040%
399	12.496	12.486	12.500	HH	11065	93485	2.67%	0.047%
400	12.509	12.500	12.533	HH	11050	213697	6.10%	0.108%
401	12.541	12.533	12.545	HH	10987	76465	2.18%	0.038%
402	12.551	12.545	12.556	HH	11005	76751	2.19%	0.039%
403	12.574	12.556	12.589	HH	11285	216918	6.19%	0.109%
404	12.606	12.589	12.612	HH	11102	154746	4.42%	0.078%

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405	12.637	12.612	12.660	HH	11942	324211	9.26%	0.163%
406	12.663	12.660	12.670	HH	11131	67654	1.93%	0.034%
407	12.678	12.670	12.684	HH	11176	94673	2.70%	0.048%
408	12.703	12.684	12.715	HH	11387	206641	5.90%	0.104%
409	12.739	12.715	12.765	HH	11597	340525	9.72%	0.171%
410	12.776	12.765	12.782	HH	11234	115248	3.29%	0.058%
411	12.788	12.782	12.798	HH	11198	106724	3.05%	0.054%
412	12.827	12.798	12.902	HH	13231	763849	21.81%	0.385%
413	12.905	12.902	12.936	HH	11729	235496	6.72%	0.119%
414	12.961	12.936	12.985	HH	12167	340094	9.71%	0.171%
415	12.995	12.985	13.000	HH	11399	96056	2.74%	0.048%
416	13.011	13.000	13.015	HH	11496	108680	3.10%	0.055%
417	13.030	13.015	13.036	HH	11602	144126	4.11%	0.073%
418	13.052	13.036	13.066	HH	11774	209766	5.99%	0.106%
419	13.085	13.066	13.103	HH	12151	261942	7.48%	0.132%
420	13.121	13.103	13.157	HH	13405	414774	11.84%	0.209%
421	13.170	13.157	13.227	HH	13039	520215	14.85%	0.262%
422	13.246	13.227	13.265	HH	12443	271061	7.74%	0.136%
423	13.270	13.265	13.276	HH	11945	83313	2.38%	0.042%
424	13.283	13.276	13.308	HH	11961	222762	6.36%	0.112%
425	13.313	13.308	13.335	HH	11887	196560	5.61%	0.099%
426	13.346	13.335	13.350	HH	11628	104302	2.98%	0.053%
427	13.354	13.350	13.359	HH	11604	60956	1.74%	0.031%
428	13.365	13.359	13.371	HH	11634	83671	2.39%	0.042%
429	13.375	13.371	13.385	HH	11577	93039	2.66%	0.047%
430	13.400	13.385	13.405	HH	11628	144056	4.11%	0.073%
431	13.411	13.405	13.425	HH	11616	139141	3.97%	0.070%
432	13.438	13.425	13.451	HH	11700	178922	5.11%	0.090%
433	13.467	13.451	13.499	HH	11792	335831	9.59%	0.169%
434	13.524	13.499	13.534	HH	11754	242996	6.94%	0.122%
435	13.537	13.534	13.541	HH	11723	52647	1.50%	0.027%
436	13.546	13.541	13.551	HH	11741	70189	2.00%	0.035%
437	13.556	13.551	13.565	HH	11765	95799	2.73%	0.048%
438	13.633	13.565	13.652	HH	12449	630047	17.99%	0.317%
439	13.661	13.652	13.667	HH	12177	108478	3.10%	0.055%
440	13.691	13.667	13.712	HH	12165	326886	9.33%	0.165%
441	13.718	13.712	13.723	HH	12003	73610	2.10%	0.037%
442	13.727	13.723	13.741	HH	12014	133457	3.81%	0.067%
443	13.789	13.741	13.815	HH	13038	546354	15.60%	0.275%
444	13.830	13.815	13.856	HH	13451	316282	9.03%	0.159%
445	13.875	13.856	13.924	HH	12582	500498	14.29%	0.252%
446	13.930	13.924	13.942	HH	12225	133530	3.81%	0.067%
447	13.947	13.942	13.972	HH	12186	214635	6.13%	0.108%
448	13.977	13.972	13.988	HH	12153	118579	3.39%	0.060%
449	14.015	13.988	14.036	HH	12200	351280	10.03%	0.177%
450	14.055	14.036	14.061	HH	12407	183794	5.25%	0.093%
451	14.067	14.061	14.078	HH	12342	125396	3.58%	0.063%
452	14.082	14.078	14.101	HH	12279	168832	4.82%	0.085%
453	14.107	14.101	14.112	HH	12288	79651	2.27%	0.040%
454	14.114	14.112	14.124	HH	12292	84823	2.42%	0.043%
455	14.129	14.124	14.134	HH	12292	72675	2.07%	0.037%
456	14.138	14.134	14.167	HH	12303	246106	7.03%	0.124%

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457	14.174	14.167	14.179	HH	12300	85749	2.45%	0.043%
458	14.189	14.179	14.204	HH	12539	189659	5.41%	0.095%
459	14.216	14.204	14.226	HH	12322	162144	4.63%	0.082%
460	14.259	14.226	14.271	HH	13430	351383	10.03%	0.177%
461	14.275	14.271	14.317	HH	13527	367839	10.50%	0.185%
462	14.321	14.317	14.329	HH	13096	88931	2.54%	0.045%
463	14.339	14.329	14.367	HH	13355	299234	8.54%	0.151%
464	14.390	14.367	14.424	HH	13652	442630	12.64%	0.223%
465	14.445	14.424	14.450	HH	13152	200000	5.71%	0.101%
466	14.463	14.450	14.482	HH	13688	259149	7.40%	0.130%
467	14.509	14.482	14.525	HH	13500	348236	9.94%	0.175%
468	14.528	14.525	14.534	HH	13470	71584	2.04%	0.036%
469	14.543	14.534	14.564	HH	13503	235132	6.71%	0.118%
470	14.586	14.564	14.637	HH	14128	578344	16.51%	0.291%
471	14.728	14.637	14.760	HH	240550	3503052	100.00%	1.763%
472	14.771	14.760	14.796	HH	14236	302407	8.63%	0.152%
473	14.817	14.796	14.845	HH	13662	398691	11.38%	0.201%
474	14.850	14.845	14.855	HH	13467	78454	2.24%	0.039%
475	14.860	14.855	14.873	HH	13515	143044	4.08%	0.072%
476	14.904	14.873	14.911	HH	14120	315941	9.02%	0.159%
477	14.929	14.911	14.963	HH	15437	444346	12.68%	0.224%
478	14.985	14.963	15.021	HH	18368	518447	14.80%	0.261%
479	15.060	15.021	15.065	HH	14440	370765	10.58%	0.187%
480	15.094	15.065	15.112	HH	14668	410792	11.73%	0.207%
481	15.127	15.112	15.170	HH	14421	493102	14.08%	0.248%
482	15.183	15.170	15.190	HH	13947	165885	4.74%	0.084%
483	15.194	15.190	15.204	HH	13810	113922	3.25%	0.057%
484	15.227	15.204	15.270	HH	16630	567762	16.21%	0.286%
485	15.282	15.270	15.288	HH	13802	155626	4.44%	0.078%
486	15.314	15.288	15.430	HH	60930	2251789	64.28%	1.134%
487	15.446	15.430	15.464	HH	17584	338173	9.65%	0.170%
488	15.475	15.464	15.496	HH	16218	310267	8.86%	0.156%
489	15.526	15.496	15.636	HH	24845	1371663	39.16%	0.690%
490	15.641	15.636	15.661	HH	14469	217178	6.20%	0.109%
491	15.666	15.661	15.675	HH	14401	114763	3.28%	0.058%
492	15.749	15.675	15.768	HH	14682	810341	23.13%	0.408%
493	15.781	15.768	15.785	HH	14599	152844	4.36%	0.077%
494	15.800	15.785	15.822	HH	14659	320828	9.16%	0.162%
495	15.864	15.822	15.889	HH	15792	604908	17.27%	0.305%
496	15.910	15.889	15.929	HH	15610	375792	10.73%	0.189%
497	15.948	15.929	15.974	HH	16113	420741	12.01%	0.212%
498	15.985	15.974	15.996	HH	14847	191142	5.46%	0.096%
499	16.019	15.996	16.053	HH	16615	526728	15.04%	0.265%
500	16.083	16.053	16.117	HH	15252	580716	16.58%	0.292%
501	16.132	16.117	16.137	HH	14991	176042	5.03%	0.089%
502	16.143	16.137	16.147	HH	15052	90077	2.57%	0.045%
503	16.154	16.147	16.170	HH	15023	209427	5.98%	0.105%
504	16.174	16.170	16.185	HH	14965	134071	3.83%	0.067%
505	16.225	16.185	16.235	HH	15120	448566	12.81%	0.226%
506	16.241	16.235	16.246	HH	15183	100368	2.87%	0.051%
507	16.255	16.246	16.264	HH	15202	160548	4.58%	0.081%
508	16.303	16.264	16.308	HH	15296	398270	11.37%	0.200%
509	16.313	16.308	16.317	HH	15227	83891	2.39%	0.042%

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510	16.348	16.317	16.374	HH	18022	586004	16.73%	0.295%
511	16.390	16.374	16.408	HH	18498	364655	10.41%	0.184%
512	16.433	16.408	16.484	HH	22905	840571	24.00%	0.423%
513	16.509	16.484	16.573	HH	18226	891229	25.44%	0.449%
514	16.590	16.573	16.601	HH	16290	271013	7.74%	0.136%
515	16.631	16.601	16.715	HH	17406	1142491	32.61%	0.575%
516	16.727	16.715	16.746	HH	16358	300888	8.59%	0.151%
517	16.783	16.746	16.798	HH	17355	523950	14.96%	0.264%
518	16.812	16.798	16.827	HH	16891	286299	8.17%	0.144%
519	16.861	16.827	16.873	HH	17670	472640	13.49%	0.238%
520	16.893	16.873	16.920	HH	21162	520389	14.86%	0.262%
521	16.942	16.920	16.961	HH	21444	471112	13.45%	0.237%
522	16.979	16.961	17.027	HH	20580	708604	20.23%	0.357%
523	17.049	17.027	17.071	HH	17581	459052	13.10%	0.231%
524	17.077	17.071	17.097	HH	17330	266938	7.62%	0.134%
525	17.103	17.097	17.119	HH	17120	227483	6.49%	0.115%
526	17.158	17.119	17.189	HH	17799	725292	20.70%	0.365%
527	17.195	17.189	17.200	HH	17245	117884	3.37%	0.059%
528	17.210	17.200	17.223	HH	17150	233569	6.67%	0.118%
529	17.233	17.223	17.237	HH	17342	146341	4.18%	0.074%
530	17.290	17.237	17.299	HH	19513	688672	19.66%	0.347%
531	17.309	17.299	17.322	HH	19484	264196	7.54%	0.133%
532	17.343	17.322	17.407	HH	28048	1027830	29.34%	0.517%
533	17.434	17.407	17.465	HH	19966	644296	18.39%	0.324%
534	17.488	17.465	17.503	HH	17995	411039	11.73%	0.207%
535	17.510	17.503	17.538	HH	17883	379435	10.83%	0.191%
536	17.568	17.538	17.613	HH	18317	800082	22.84%	0.403%
537	17.639	17.613	17.658	HH	18043	484021	13.82%	0.244%
538	17.744	17.658	17.759	HH	20596	1132151	32.32%	0.570%
539	17.779	17.759	17.810	HH	24358	636536	18.17%	0.320%
540	17.831	17.810	17.839	HH	18855	333349	9.52%	0.168%
541	17.874	17.839	17.909	HH	32919	945435	26.99%	0.476%
542	17.938	17.909	17.956	HH	19542	552741	15.78%	0.278%
543	17.968	17.956	17.990	HH	19350	384432	10.97%	0.194%
544	18.004	17.990	18.011	HH	19544	249273	7.12%	0.125%
545	18.032	18.011	18.069	HH	21761	708834	20.23%	0.357%
546	18.143	18.069	18.181	HH	37429	1735689	49.55%	0.874%
547	18.202	18.181	18.262	HH	31986	1255734	35.85%	0.632%
548	18.278	18.262	18.287	HH	21837	322489	9.21%	0.162%
549	18.301	18.287	18.350	HH	22420	813171	23.21%	0.409%
550	18.357	18.350	18.388	HH	20666	462354	13.20%	0.233%
551	18.413	18.388	18.431	HH	20700	533694	15.24%	0.269%
552	18.438	18.431	18.444	HH	20434	154207	4.40%	0.078%
553	18.451	18.444	18.454	HH	20442	127738	3.65%	0.064%
554	18.511	18.454	18.548	HH	22883	1191404	34.01%	0.600%
555	18.553	18.548	18.558	HH	20824	124391	3.55%	0.063%
556	18.606	18.558	18.674	HH	28591	1593492	45.49%	0.802%
557	18.715	18.674	18.765	HH	29698	1300340	37.12%	0.655%
558	18.787	18.765	18.800	HH	22441	456782	13.04%	0.230%
559	18.815	18.800	18.842	HH	22542	567574	16.20%	0.286%
560	18.848	18.842	18.856	HH	21893	182628	5.21%	0.092%
561	18.860	18.856	18.883	HH	21933	348767	9.96%	0.176%

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562	18.891	18.883	18.895	HH	21912	163528	4.67%	0.082%
563	18.930	18.895	18.935	HH	22347	529559	15.12%	0.267%
564	18.938	18.935	18.949	HH	22398	176964	5.05%	0.089%
565	19.006	18.949	19.020	HH	31077	1148052	32.77%	0.578%
566	19.031	19.020	19.092	HH	28239	1107846	31.63%	0.558%
567	19.113	19.092	19.141	HH	24472	716515	20.45%	0.361%
568	19.163	19.141	19.177	HH	25010	527563	15.06%	0.266%
569	19.192	19.177	19.237	HH	25067	869171	24.81%	0.438%
570	19.276	19.237	19.328	HH	23935	1281944	36.60%	0.645%
571	19.347	19.328	19.365	HH	24390	530794	15.15%	0.267%
572	19.391	19.365	19.421	HH	27248	842441	24.05%	0.424%
573	19.428	19.421	19.459	HH	23913	544443	15.54%	0.274%
574	19.501	19.459	19.545	HH	28955	1303156	37.20%	0.656%
575	19.565	19.545	19.581	HH	25672	552733	15.78%	0.278%
576	19.586	19.581	19.607	HH	25253	383263	10.94%	0.193%
577	19.626	19.607	19.656	HH	25904	745011	21.27%	0.375%
578	19.684	19.656	19.723	HH	25836	1018615	29.08%	0.513%
579	19.728	19.723	19.738	HH	25206	226786	6.47%	0.114%
580	19.767	19.738	19.849	HH	38661	1911033	54.55%	0.962%
581	19.867	19.849	19.903	HH	26262	836658	23.88%	0.421%
582	19.919	19.903	19.932	HH	25959	452398	12.91%	0.228%
583	19.953	19.932	19.971	HH	26194	603577	17.23%	0.304%
584	20.021	19.971	20.063	HH	27205	1456622	41.58%	0.733%
585	20.091	20.063	20.103	HH	26782	641712	18.32%	0.323%
586	20.129	20.103	20.150	HH	28933	786320	22.45%	0.396%
587	20.171	20.150	20.198	HH	27699	783296	22.36%	0.394%
588	20.250	20.198	20.277	HH	27782	1285836	36.71%	0.647%
589	20.303	20.277	20.333	HH	29389	942696	26.91%	0.475%
590	20.339	20.333	20.343	HH	27546	169682	4.84%	0.085%
591	20.348	20.343	20.353	HH	27505	158269	4.52%	0.080%
592	20.368	20.353	20.374	HH	27629	349813	9.99%	0.176%
593	20.393	20.374	20.429	HH	27962	908667	25.94%	0.457%
594	20.485	20.429	20.512	HH	29651	1420596	40.55%	0.715%
595	20.532	20.512	20.554	HH	28821	711715	20.32%	0.358%
596	20.598	20.554	20.631	HH	28775	1322163	37.74%	0.666%
597	20.652	20.631	20.699	HH	29194	1162074	33.17%	0.585%
598	20.704	20.699	20.710	HH	28481	195402	5.58%	0.098%
599	20.717	20.710	20.725	HH	28522	247297	7.06%	0.124%
600	20.731	20.725	20.743	HH	28452	313408	8.95%	0.158%
601	20.759	20.743	20.764	HH	28536	366002	10.45%	0.184%
602	20.770	20.764	20.778	HH	28601	232992	6.65%	0.117%
603	20.783	20.778	20.805	HH	28678	457594	13.06%	0.230%
604	20.812	20.805	20.823	HH	28656	314430	8.98%	0.158%
605	20.868	20.823	20.905	HH	29988	1421410	40.58%	0.716%
606	20.908	20.905	20.932	HH	28694	471867	13.47%	0.238%
607	20.939	20.932	20.950	HH	28649	314220	8.97%	0.158%
608	20.954	20.950	20.958	HH	28522	134054	3.83%	0.067%
609	20.964	20.958	20.969	HH	28579	189768	5.42%	0.096%
610	21.015	20.969	21.038	HH	28684	1175299	33.55%	0.592%
611	21.041	21.038	21.057	HH	28565	331057	9.45%	0.167%
612	21.066	21.057	21.073	HH	28536	259477	7.41%	0.131%
613	21.081	21.073	21.086	HH	28514	233454	6.66%	0.118%
614	21.099	21.086	21.109	HH	28521	393592	11.24%	0.198%

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615	21.114	21.109	21.119	HH	28385	169638	4.84%	0.085%
616	21.138	21.119	21.144	HH	28438	425742	12.15%	0.214%
617	21.150	21.144	21.154	HH	28534	162092	4.63%	0.082%
618	21.187	21.154	21.227	HH	29355	1276934	36.45%	0.643%
619	21.232	21.227	21.243	HH	28578	259519	7.41%	0.131%
620	21.293	21.243	21.323	HH	29786	1393831	39.79%	0.702%
621	21.329	21.323	21.352	HH	28756	500588	14.29%	0.252%
622	21.364	21.352	21.384	HH	28732	551435	15.74%	0.278%
623	21.392	21.384	21.404	HH	28623	346999	9.91%	0.175%
624	21.429	21.404	21.463	HH	28740	1009505	28.82%	0.508%
625	21.468	21.463	21.476	HH	28515	220565	6.30%	0.111%
626	21.489	21.476	21.498	HH	28624	370898	10.59%	0.187%
627	21.503	21.498	21.508	HH	28565	171213	4.89%	0.086%
628	21.536	21.508	21.565	HH	28987	993513	28.36%	0.500%
629	21.571	21.565	21.588	HH	28648	392114	11.19%	0.197%
630	21.592	21.588	21.609	HH	28582	363301	10.37%	0.183%
631	21.614	21.609	21.619	HH	28566	170994	4.88%	0.086%
632	21.627	21.619	21.642	HH	28554	390422	11.15%	0.197%
633	21.651	21.642	21.655	HH	28540	227463	6.49%	0.115%
634	21.676	21.655	21.682	HH	28586	449945	12.84%	0.227%
635	21.690	21.682	21.693	HH	28539	203114	5.80%	0.102%
636	21.704	21.693	21.713	HH	28609	331909	9.47%	0.167%
637	21.718	21.713	21.729	HH	28567	282194	8.06%	0.142%
638	21.736	21.729	21.741	HH	28557	198738	5.67%	0.100%
639	21.773	21.741	21.796	HH	29565	959309	27.38%	0.483%
640	21.798	21.796	21.804	HH	29142	145546	4.15%	0.073%
641	21.817	21.804	21.885	HH	29356	1399931	39.96%	0.705%
642	21.898	21.885	21.904	HH	28503	314612	8.98%	0.158%
643	21.909	21.904	21.914	HH	28546	182444	5.21%	0.092%
644	21.924	21.914	21.934	HH	28618	342722	9.78%	0.173%
645	21.937	21.934	21.943	HH	28588	152191	4.34%	0.077%
646	21.954	21.943	21.964	HH	28588	353348	10.09%	0.178%
647	21.969	21.964	21.983	HH	28642	322028	9.19%	0.162%
648	21.988	21.983	22.004	HH	28647	375383	10.72%	0.189%
649	22.010	22.004	22.023	HH	28621	310809	8.87%	0.156%
650	22.061	22.023	22.114	HH	28852	1577928	45.04%	0.794%
651	22.130	22.114	22.145	HH	28639	525330	15.00%	0.264%
652	22.150	22.145	22.156	HH	28559	188609	5.38%	0.095%
653	22.184	22.156	22.199	HH	28604	741608	21.17%	0.373%
654	22.206	22.199	22.213	HH	28598	243053	6.94%	0.122%
655	22.220	22.213	22.225	HH	28574	193286	5.52%	0.097%
656	22.228	22.225	22.244	HH	28546	323574	9.24%	0.163%
657	22.251	22.244	22.261	HH	28551	299302	8.54%	0.151%
658	22.266	22.261	22.270	HH	28492	150374	4.29%	0.076%
659	22.276	22.270	22.282	HH	28605	216392	6.18%	0.109%
660	22.321	22.282	22.366	HH	29219	1442470	41.18%	0.726%
661	22.386	22.366	22.411	HH	28677	768848	21.95%	0.387%
662	22.419	22.411	22.428	HH	28735	299840	8.56%	0.151%
663	22.435	22.428	22.441	HH	28736	223695	6.39%	0.113%
664	22.475	22.441	22.489	HH	28748	816043	23.30%	0.411%
665	22.506	22.489	22.511	HH	28824	385513	11.01%	0.194%
666	22.533	22.511	22.539	HH	28916	490501	14.00%	0.247%

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667	22.558	22.539	22.606	HH	29193	1167717	33.33%	0.588%
668	22.615	22.606	22.621	HH	28838	246085	7.02%	0.124%
669	22.644	22.621	22.650	HH	28993	509109	14.53%	0.256%
670	22.653	22.650	22.676	HH	28901	447221	12.77%	0.225%
671	22.682	22.676	22.688	HH	28699	213554	6.10%	0.108%
672	22.691	22.688	22.735	HH	28644	797533	22.77%	0.401%
673	22.741	22.735	22.749	HH	28595	247261	7.06%	0.124%
674	22.762	22.749	22.791	HH	28630	709963	20.27%	0.357%
675	22.796	22.791	22.804	HH	28689	236669	6.76%	0.119%
676	22.817	22.804	22.825	HH	28663	356822	10.19%	0.180%
677	22.837	22.825	22.845	HH	28646	339597	9.69%	0.171%
678	22.858	22.845	22.878	HH	28625	557668	15.92%	0.281%
679	22.881	22.878	22.887	HH	28618	154569	4.41%	0.078%
680	22.959	22.887	23.014	HH	29142	2193346	62.61%	1.104%
681	23.023	23.014	23.032	HH	28647	312674	8.93%	0.157%
682	23.038	23.032	23.054	HH	28623	380808	10.87%	0.192%
683	23.058	23.054	23.061	HH	28593	120874	3.45%	0.061%
684	23.066	23.061	23.073	HH	28602	205280	5.86%	0.103%
685	23.080	23.073	23.090	HH	28653	287472	8.21%	0.145%
686	23.095	23.090	23.101	HH	28616	186533	5.32%	0.094%
687	23.108	23.101	23.119	HH	28620	311955	8.91%	0.157%
688	23.125	23.119	23.133	HH	28613	230544	6.58%	0.116%
689	23.138	23.133	23.143	HH	28566	186466	5.32%	0.094%
690	23.152	23.143	23.158	HH	28650	250387	7.15%	0.126%
691	23.171	23.158	23.184	HH	28651	444839	12.70%	0.224%
692	23.193	23.184	23.220	HH	28633	613944	17.53%	0.309%
693	23.228	23.220	23.244	HH	28555	420419	12.00%	0.212%
694	23.250	23.244	23.260	HH	28616	259518	7.41%	0.131%
695	23.268	23.260	23.273	HH	28626	222875	6.36%	0.112%
696	23.306	23.273	23.320	HH	28705	808600	23.08%	0.407%
697	23.326	23.320	23.339	HH	28647	339213	9.68%	0.171%
698	23.346	23.339	23.351	HH	28612	196278	5.60%	0.099%
699	23.421	23.351	23.425	HH	28743	1280158	36.54%	0.644%
700	23.450	23.425	23.460	HH	29077	600507	17.14%	0.302%
701	23.480	23.460	23.525	HH	29151	1122669	32.05%	0.565%
702	23.530	23.525	23.571	HH	28773	792002	22.61%	0.399%
703	23.577	23.571	23.593	HH	28536	378567	10.81%	0.191%
704	23.598	23.593	23.602	HH	28484	157793	4.50%	0.079%
705	23.609	23.602	23.623	HH	28584	348498	9.95%	0.175%
706	23.627	23.623	23.631	HH	28528	150774	4.30%	0.076%
707	23.665	23.631	23.673	HH	28937	708466	20.22%	0.357%
708	23.678	23.673	23.713	HH	28935	690595	19.71%	0.348%
709	23.719	23.713	23.725	HH	28606	210763	6.02%	0.106%
710	23.728	23.725	23.733	HH	28570	140927	4.02%	0.071%
711	23.737	23.733	23.743	HH	28509	177277	5.06%	0.089%
712	23.751	23.743	23.756	HH	28490	212682	6.07%	0.107%
713	23.786	23.756	23.792	HH	28562	621502	17.74%	0.313%
714	23.801	23.792	23.819	HH	28591	453008	12.93%	0.228%
715	23.830	23.819	23.838	HH	28511	321447	9.18%	0.162%
716	23.845	23.838	23.854	HH	28498	284426	8.12%	0.143%
717	23.869	23.854	23.879	HH	28510	426687	12.18%	0.215%
718	23.893	23.879	23.903	HH	28557	398673	11.38%	0.201%
719	23.908	23.903	23.924	HH	28570	370403	10.57%	0.186%

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720	23.928	23.924	23.939	HH	28542	253535	7.24%	0.128%	
721	23.946	23.939	23.953	HH	28514	230404	6.58%	0.116%	
722	23.973	23.953	23.978	HH	28564	437877	12.50%	0.220%	
723	23.989	23.978	24.001	HH	28511	392100	11.19%	0.197%	
724	24.015	24.001	24.029	HH	28595	474190	13.54%	0.239%	
725	24.035	24.029	24.051	HH	28570	385141	10.99%	0.194%	
726	24.091	24.051	24.099	HH	28797	825936	23.58%	0.416%	
727	24.106	24.099	24.130	HH	28773	518497	14.80%	0.261%	
728	24.134	24.130	24.161	HH	28625	534700	15.26%	0.269%	
729	24.166	24.161	24.174	HH	28485	219447	6.26%	0.110%	
730	24.184	24.174	24.228	HH	28426	918593	26.22%	0.462%	
731	24.233	24.228	24.287	HH	28366	1009995	28.83%	0.508%	
732	24.296	24.287	24.302	HH	28342	243769	6.96%	0.123%	
733	24.307	24.302	24.314	HH	28313	214372	6.12%	0.108%	
734	24.319	24.314	24.324	HH	28311	173919	4.96%	0.088%	
735	24.329	24.324	24.334	HH	28388	166996	4.77%	0.084%	
736	24.344	24.334	24.350	HH	28413	265391	7.58%	0.134%	
737	24.358	24.350	24.365	HH	28366	252542	7.21%	0.127%	
738	24.374	24.365	24.389	HH	28381	416879	11.90%	0.210%	
739	24.402	24.389	24.415	HH	28442	445726	12.72%	0.224%	
740	24.452	24.415	24.481	HH	28477	1110408	31.70%	0.559%	
741	24.511	24.481	24.516	HH	28848	607277	17.34%	0.306%	
742	24.528	24.516	24.563	HH	28862	806917	23.03%	0.406%	
743	24.570	24.563	24.618	HH	28799	946382	27.02%	0.476%	
744	24.623	24.618	24.651	HHA	28593	585058	16.70%	0.295%	
					Sum of corrected areas:				198648275

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