

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE030818\
Data File : FE026414.D
Signal(s) : FID1B.CH
Acq On : 08 Mar 2018 17:45
Sample : J1828-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE022618.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.409	2.402	2.420	BH	201	1275	0.03%	0.001%
2	2.433	2.420	2.462	PH	295	4096	0.10%	0.002%
3	2.468	2.462	2.471	PH	141	525	0.01%	0.000%
4	2.483	2.471	2.510	HH	242	2575	0.06%	0.001%
5	2.514	2.510	2.533	PH	108	609	0.02%	0.000%
6	2.539	2.533	2.546	HH	183	833	0.02%	0.000%
7	2.553	2.546	2.558	HH	119	568	0.01%	0.000%
8	2.577	2.558	2.582	PH	266	1489	0.04%	0.001%
9	2.586	2.582	2.597	PH	184	1207	0.03%	0.000%
10	2.605	2.597	2.621	HH	211	1761	0.04%	0.001%
11	2.627	2.621	2.633	HH	290	1100	0.03%	0.000%
12	2.640	2.633	2.645	HH	262	1140	0.03%	0.000%
13	2.662	2.645	2.672	HH	1191	10481	0.26%	0.004%
14	2.677	2.672	2.708	HH	1040	12600	0.31%	0.005%
15	2.712	2.708	2.724	HH	403	3067	0.08%	0.001%
16	2.738	2.724	2.756	HH	511	5590	0.14%	0.002%
17	2.760	2.756	2.768	HH	289	1826	0.05%	0.001%
18	2.772	2.768	2.777	HH	213	966	0.02%	0.000%
19	2.782	2.777	2.792	HH	317	2037	0.05%	0.001%
20	2.803	2.792	2.813	HH	288	2340	0.06%	0.001%
21	2.821	2.813	2.829	HH	240	1567	0.04%	0.001%
22	2.836	2.829	2.843	HH	259	1241	0.03%	0.001%
23	2.855	2.843	2.860	HH	335	2882	0.07%	0.001%
24	2.868	2.860	2.880	HH	449	4068	0.10%	0.002%
25	2.884	2.880	2.899	HH	480	4522	0.11%	0.002%
26	2.906	2.899	2.934	HH	421	7221	0.18%	0.003%
27	2.951	2.934	2.957	HH	407	4023	0.10%	0.002%
28	2.965	2.957	2.977	HH	444	3799	0.09%	0.002%
29	2.986	2.977	2.998	HH	569	4884	0.12%	0.002%
30	3.012	2.998	3.022	HH	556	6426	0.16%	0.003%
31	3.026	3.022	3.039	HH	573	4515	0.11%	0.002%
32	3.051	3.039	3.061	HH	497	5873	0.15%	0.002%
33	3.065	3.061	3.070	HH	476	2419	0.06%	0.001%
34	3.079	3.070	3.089	HH	594	5108	0.13%	0.002%
35	3.094	3.089	3.103	HH	498	3794	0.09%	0.002%
36	3.106	3.103	3.121	HH	498	5021	0.12%	0.002%

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37	3.125	3.121	3.137	HH	546	4367	0.11%	0.002%
38	3.142	3.137	3.147	HH	541	2692	0.07%	0.001%
39	3.162	3.147	3.174	HH	616	8454	0.21%	0.003%
40	3.177	3.174	3.190	HH	570	4486	0.11%	0.002%
41	3.196	3.190	3.201	HH	510	2734	0.07%	0.001%
42	3.213	3.201	3.218	HH	625	4431	0.11%	0.002%
43	3.222	3.218	3.227	HH	533	2299	0.06%	0.001%
44	3.239	3.227	3.249	HH	642	7005	0.17%	0.003%
45	3.263	3.249	3.281	HH	739	12139	0.30%	0.005%
46	3.298	3.281	3.309	HH	735	9384	0.23%	0.004%
47	3.316	3.309	3.337	HH	757	10646	0.26%	0.004%
48	3.341	3.337	3.355	HH	638	6798	0.17%	0.003%
49	3.361	3.355	3.367	HH	852	4659	0.12%	0.002%
50	3.372	3.367	3.385	HH	702	7112	0.18%	0.003%
51	3.411	3.385	3.422	HH	796	16234	0.40%	0.007%
52	3.428	3.422	3.437	HH	779	6379	0.16%	0.003%
53	3.447	3.437	3.459	HH	883	10055	0.25%	0.004%
54	3.463	3.459	3.471	HH	788	5250	0.13%	0.002%
55	3.475	3.471	3.484	HH	901	6221	0.15%	0.003%
56	3.488	3.484	3.492	HH	776	3282	0.08%	0.001%
57	3.500	3.492	3.511	HH	1007	9395	0.23%	0.004%
58	3.517	3.511	3.526	HH	887	6417	0.16%	0.003%
59	3.531	3.526	3.551	HH	792	11081	0.28%	0.004%
60	3.564	3.551	3.568	HH	966	9007	0.22%	0.004%
61	3.584	3.568	3.594	HH	1062	14178	0.35%	0.006%
62	3.598	3.594	3.604	HH	926	5439	0.13%	0.002%
63	3.609	3.604	3.612	HH	1039	4598	0.11%	0.002%
64	3.617	3.612	3.625	HH	969	6514	0.16%	0.003%
65	3.645	3.625	3.661	HH	1557	25302	0.63%	0.010%
66	3.681	3.661	3.687	HH	1114	16762	0.42%	0.007%
67	3.706	3.687	3.735	HH	2303	39754	0.99%	0.016%
68	3.740	3.735	3.755	HH	1101	12130	0.30%	0.005%
69	3.778	3.755	3.784	HH	1148	19081	0.47%	0.008%
70	3.789	3.784	3.797	HH	1155	8068	0.20%	0.003%
71	3.800	3.797	3.804	HH	1125	4621	0.11%	0.002%
72	3.817	3.804	3.823	HH	2454	22270	0.55%	0.009%
73	3.831	3.823	3.848	HH	2674	30222	0.75%	0.012%
74	3.857	3.848	3.867	HH	1306	13254	0.33%	0.005%
75	3.879	3.867	3.897	HH	1431	22116	0.55%	0.009%
76	3.900	3.897	3.907	HH	1183	7077	0.18%	0.003%
77	3.913	3.907	3.919	HH	1308	8881	0.22%	0.004%
78	3.926	3.919	3.933	HH	1299	10357	0.26%	0.004%
79	3.941	3.933	3.946	HH	1309	9350	0.23%	0.004%
80	3.954	3.946	3.967	HH	1389	15196	0.38%	0.006%
81	3.971	3.967	3.977	HH	1246	7290	0.18%	0.003%
82	3.985	3.977	3.993	HH	1389	12433	0.31%	0.005%
83	4.003	3.993	4.012	HH	1400	13388	0.33%	0.005%
84	4.018	4.012	4.023	HH	1255	7666	0.19%	0.003%
85	4.042	4.023	4.054	HH	1382	24656	0.61%	0.010%
86	4.059	4.054	4.065	HH	1413	9094	0.23%	0.004%
87	4.070	4.065	4.073	HH	1367	6007	0.15%	0.002%
88	4.089	4.073	4.112	HH	2067	39017	0.97%	0.016%
89	4.122	4.112	4.139	HH	1616	24321	0.60%	0.010%

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90	4.145	4.139	4.155	HH	1495	13441	0.33%	0.005%
91	4.160	4.155	4.167	HH	1427	10066	0.25%	0.004%
92	4.202	4.167	4.209	HH	1627	36452	0.90%	0.015%
93	4.219	4.209	4.227	HH	1650	17174	0.43%	0.007%
94	4.230	4.227	4.238	HH	1682	11434	0.28%	0.005%
95	4.247	4.238	4.258	HH	1737	19936	0.49%	0.008%
96	4.274	4.258	4.279	HH	1744	20813	0.52%	0.008%
97	4.293	4.279	4.297	HH	1875	18723	0.46%	0.008%
98	4.302	4.297	4.309	HH	1834	12708	0.32%	0.005%
99	4.323	4.309	4.328	HH	1903	20546	0.51%	0.008%
100	4.334	4.328	4.350	HH	1902	24019	0.60%	0.010%
101	4.356	4.350	4.363	HH	1902	14761	0.37%	0.006%
102	4.371	4.363	4.381	HH	1866	19511	0.48%	0.008%
103	4.386	4.381	4.395	HH	1878	14827	0.37%	0.006%
104	4.414	4.395	4.418	HH	1922	25221	0.63%	0.010%
105	4.421	4.418	4.425	HH	1985	8229	0.20%	0.003%
106	4.430	4.425	4.435	HH	2043	11492	0.29%	0.005%
107	4.440	4.435	4.457	HH	1921	24141	0.60%	0.010%
108	4.464	4.457	4.469	HH	2044	14031	0.35%	0.006%
109	4.479	4.469	4.486	HH	2059	20236	0.50%	0.008%
110	4.490	4.486	4.503	HH	2080	20785	0.52%	0.008%
111	4.507	4.503	4.523	HH	1953	22403	0.56%	0.009%
112	4.528	4.523	4.532	HH	1935	10485	0.26%	0.004%
113	4.555	4.532	4.566	HH	2169	40530	1.01%	0.016%
114	4.570	4.566	4.576	HH	2134	12412	0.31%	0.005%
115	4.592	4.576	4.598	HH	2291	29189	0.72%	0.012%
116	4.603	4.598	4.614	HH	2435	21512	0.53%	0.009%
117	4.618	4.614	4.652	HH	2256	48147	1.20%	0.019%
118	4.657	4.652	4.670	HH	2224	23325	0.58%	0.009%
119	4.681	4.670	4.696	HH	2407	36235	0.90%	0.015%
120	4.705	4.696	4.710	HH	2375	19518	0.48%	0.008%
121	4.718	4.710	4.735	HH	2431	35071	0.87%	0.014%
122	4.742	4.735	4.748	HH	2265	16845	0.42%	0.007%
123	4.760	4.748	4.772	HH	2309	32275	0.80%	0.013%
124	4.777	4.772	4.783	HH	2180	13894	0.34%	0.006%
125	4.788	4.783	4.793	HH	2236	12806	0.32%	0.005%
126	4.799	4.793	4.803	HH	2174	11951	0.30%	0.005%
127	4.811	4.803	4.831	HH	2218	35552	0.88%	0.014%
128	4.843	4.831	4.849	HH	2209	22764	0.57%	0.009%
129	4.859	4.849	4.864	HH	2214	19926	0.49%	0.008%
130	4.869	4.864	4.888	HH	2212	30195	0.75%	0.012%
131	4.892	4.888	4.898	HH	2144	13211	0.33%	0.005%
132	4.906	4.898	4.911	HH	2324	16526	0.41%	0.007%
133	4.917	4.911	4.935	HH	2396	32025	0.79%	0.013%
134	4.944	4.935	4.958	HH	2297	30798	0.76%	0.012%
135	4.963	4.958	4.967	HH	2217	11885	0.29%	0.005%
136	4.997	4.967	5.002	HH	2402	46257	1.15%	0.019%
137	5.007	5.002	5.016	HH	2436	18708	0.46%	0.008%
138	5.022	5.016	5.028	HH	2300	17064	0.42%	0.007%
139	5.038	5.028	5.044	HH	2387	22176	0.55%	0.009%
140	5.065	5.044	5.074	HH	2989	48517	1.20%	0.020%
141	5.082	5.074	5.115	HH	2950	63078	1.57%	0.026%

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142	5.123	5.115	5.132	HH	2611	26198	0.65%	0.011%
143	5.151	5.132	5.162	HH	3039	48844	1.21%	0.020%
144	5.167	5.162	5.172	HH	2579	15368	0.38%	0.006%
145	5.190	5.172	5.197	HH	2649	36328	0.90%	0.015%
146	5.212	5.197	5.240	HH	2950	70444	1.75%	0.029%
147	5.243	5.240	5.246	HH	2510	9336	0.23%	0.004%
148	5.251	5.246	5.256	HH	2599	15290	0.38%	0.006%
149	5.261	5.256	5.275	HH	2572	27976	0.69%	0.011%
150	5.278	5.275	5.293	HH	2560	27349	0.68%	0.011%
151	5.297	5.293	5.303	HH	2634	14950	0.37%	0.006%
152	5.308	5.303	5.313	HH	2617	14920	0.37%	0.006%
153	5.340	5.313	5.364	HH	5611	112530	2.79%	0.046%
154	5.368	5.364	5.382	HH	3190	34021	0.84%	0.014%
155	5.386	5.382	5.401	HH	2995	31845	0.79%	0.013%
156	5.405	5.401	5.422	HH	2915	36763	0.91%	0.015%
157	5.427	5.422	5.433	HH	2847	17118	0.42%	0.007%
158	5.461	5.433	5.482	HH	3574	93498	2.32%	0.038%
159	5.506	5.482	5.520	HH	3118	68029	1.69%	0.028%
160	5.524	5.520	5.531	HH	3347	19947	0.50%	0.008%
161	5.552	5.531	5.557	HH	3266	48513	1.20%	0.020%
162	5.563	5.557	5.576	HH	3303	36594	0.91%	0.015%
163	5.582	5.576	5.602	HH	3137	47148	1.17%	0.019%
164	5.612	5.602	5.621	HH	3134	35143	0.87%	0.014%
165	5.624	5.621	5.632	HH	3035	20892	0.52%	0.008%
166	5.642	5.632	5.652	HH	3175	35087	0.87%	0.014%
167	5.669	5.652	5.679	HH	3190	51056	1.27%	0.021%
168	5.684	5.679	5.700	HH	3170	38385	0.95%	0.016%
169	5.704	5.700	5.720	HH	3078	35936	0.89%	0.015%
170	5.727	5.720	5.731	HH	2979	20149	0.50%	0.008%
171	5.738	5.731	5.748	HH	3021	30074	0.75%	0.012%
172	5.783	5.748	5.800	HH	3338	96325	2.39%	0.039%
173	5.805	5.800	5.813	HH	3097	23541	0.58%	0.010%
174	5.841	5.813	5.860	HH	3448	90903	2.26%	0.037%
175	5.864	5.860	5.887	HH	3455	55423	1.38%	0.022%
176	5.893	5.887	5.913	HH	3290	50116	1.24%	0.020%
177	5.916	5.913	5.921	HH	3259	13826	0.34%	0.006%
178	5.927	5.921	5.937	HH	3285	30395	0.75%	0.012%
179	5.954	5.937	5.990	HH	4445	118936	2.95%	0.048%
180	5.995	5.990	6.012	HH	3494	44484	1.10%	0.018%
181	6.018	6.012	6.028	HH	3405	31814	0.79%	0.013%
182	6.036	6.028	6.041	HH	3409	25611	0.64%	0.010%
183	6.055	6.041	6.063	HH	3500	45214	1.12%	0.018%
184	6.066	6.063	6.071	HH	3560	15566	0.39%	0.006%
185	6.080	6.071	6.100	HH	3489	59801	1.48%	0.024%
186	6.114	6.100	6.119	HH	3448	38548	0.96%	0.016%
187	6.127	6.119	6.132	HH	3502	27702	0.69%	0.011%
188	6.144	6.132	6.155	HH	3566	46438	1.15%	0.019%
189	6.189	6.155	6.211	HH	5355	134446	3.34%	0.054%
190	6.216	6.211	6.231	HH	3632	42710	1.06%	0.017%
191	6.244	6.231	6.249	HH	3509	36601	0.91%	0.015%
192	6.254	6.249	6.267	HH	3592	39371	0.98%	0.016%
193	6.271	6.267	6.283	HH	3611	33327	0.83%	0.013%
194	6.290	6.283	6.307	HH	3642	52188	1.30%	0.021%

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195	6.312	6.307	6.323	HH	3741	33251	0.83%	0.013%
196	6.327	6.323	6.347	HH	3676	52826	1.31%	0.021%
197	6.382	6.347	6.408	HH	3774	133235	3.31%	0.054%
198	6.421	6.408	6.426	HH	3808	39139	0.97%	0.016%
199	6.435	6.426	6.439	HH	3830	30675	0.76%	0.012%
200	6.451	6.439	6.455	HH	3892	36674	0.91%	0.015%
201	6.459	6.455	6.467	HH	3852	25471	0.63%	0.010%
202	6.482	6.467	6.506	HH	4105	93348	2.32%	0.038%
203	6.517	6.506	6.537	HH	3965	71960	1.79%	0.029%
204	6.542	6.537	6.557	HH	3838	43232	1.07%	0.017%
205	6.561	6.557	6.567	HH	3850	24222	0.60%	0.010%
206	6.570	6.567	6.575	HH	3714	16624	0.41%	0.007%
207	6.583	6.575	6.591	HH	3817	35621	0.88%	0.014%
208	6.594	6.591	6.607	HH	3787	37295	0.93%	0.015%
209	6.617	6.607	6.625	HH	3906	41043	1.02%	0.017%
210	6.630	6.625	6.642	HH	3914	39184	0.97%	0.016%
211	6.652	6.642	6.667	HH	3901	55316	1.37%	0.022%
212	6.672	6.667	6.676	HH	3881	21137	0.52%	0.009%
213	6.687	6.676	6.693	HH	3885	39812	0.99%	0.016%
214	6.698	6.693	6.724	HH	3913	71401	1.77%	0.029%
215	6.730	6.724	6.747	HH	3986	52624	1.31%	0.021%
216	6.752	6.747	6.757	HH	3929	23254	0.58%	0.009%
217	6.761	6.757	6.765	HH	3951	18734	0.46%	0.008%
218	6.773	6.765	6.790	HH	4023	59790	1.48%	0.024%
219	6.793	6.790	6.798	HH	3998	19821	0.49%	0.008%
220	6.824	6.798	6.828	HH	4092	72558	1.80%	0.029%
221	6.837	6.828	6.842	HH	4099	34310	0.85%	0.014%
222	6.846	6.842	6.865	HH	4101	54699	1.36%	0.022%
223	6.874	6.865	6.882	HH	4123	42421	1.05%	0.017%
224	6.890	6.882	6.909	HH	4139	64937	1.61%	0.026%
225	6.939	6.909	6.956	HH	4427	117403	2.91%	0.048%
226	6.961	6.956	6.969	HH	4134	30807	0.76%	0.012%
227	6.993	6.969	6.999	HH	4330	77115	1.91%	0.031%
228	7.010	6.999	7.015	HH	4308	39690	0.99%	0.016%
229	7.030	7.015	7.042	HH	4414	72143	1.79%	0.029%
230	7.051	7.042	7.057	HH	4397	36928	0.92%	0.015%
231	7.061	7.057	7.066	HH	4409	24740	0.61%	0.010%
232	7.095	7.066	7.131	HH	6696	193681	4.81%	0.078%
233	7.139	7.131	7.146	HH	4491	38835	0.96%	0.016%
234	7.177	7.146	7.212	HH	5083	185633	4.61%	0.075%
235	7.218	7.212	7.224	HH	4549	32975	0.82%	0.013%
236	7.249	7.224	7.258	HH	4897	96802	2.40%	0.039%
237	7.262	7.258	7.268	HH	4941	28217	0.70%	0.011%
238	7.278	7.268	7.293	HH	4928	73760	1.83%	0.030%
239	7.307	7.293	7.328	HH	5064	103005	2.56%	0.042%
240	7.333	7.328	7.340	HH	4898	35596	0.88%	0.014%
241	7.353	7.340	7.367	HH	4935	78917	1.96%	0.032%
242	7.372	7.367	7.379	HH	4903	33605	0.83%	0.014%
243	7.384	7.379	7.387	HH	4832	21728	0.54%	0.009%
244	7.403	7.387	7.445	HH	6145	181845	4.51%	0.074%
245	7.449	7.445	7.472	HH	4830	77334	1.92%	0.031%
246	7.490	7.472	7.502	HH	4770	83932	2.08%	0.034%

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247	7.518	7.502	7.530	HH	4955	82492	2.05%	0.033%
248	7.533	7.530	7.539	HH	4866	24985	0.62%	0.010%
249	7.543	7.539	7.548	HH	4966	26734	0.66%	0.011%
250	7.569	7.548	7.577	HH	5007	83174	2.06%	0.034%
251	7.586	7.577	7.596	HH	5029	55923	1.39%	0.023%
252	7.600	7.596	7.609	HH	4957	40399	1.00%	0.016%
253	7.619	7.609	7.624	HH	4976	43494	1.08%	0.018%
254	7.627	7.624	7.632	HH	4963	24435	0.61%	0.010%
255	7.637	7.632	7.646	HH	4953	39766	0.99%	0.016%
256	7.652	7.646	7.665	HH	5014	56133	1.39%	0.023%
257	7.692	7.665	7.698	HH	5302	102753	2.55%	0.042%
258	7.704	7.698	7.712	HH	5182	43744	1.09%	0.018%
259	7.719	7.712	7.731	HH	5167	55973	1.39%	0.023%
260	7.742	7.731	7.750	HH	5221	59251	1.47%	0.024%
261	7.800	7.750	7.843	HH	6397	313070	7.77%	0.127%
262	7.861	7.843	7.889	HH	5663	150250	3.73%	0.061%
263	7.899	7.889	7.902	HH	5484	42041	1.04%	0.017%
264	7.914	7.902	7.918	HH	5653	53761	1.33%	0.022%
265	7.923	7.918	7.929	HH	5647	34005	0.84%	0.014%
266	7.934	7.929	7.940	HH	5490	37364	0.93%	0.015%
267	7.962	7.940	8.000	HH	5692	196537	4.88%	0.080%
268	8.018	8.000	8.023	HH	5682	76887	1.91%	0.031%
269	8.029	8.023	8.057	HH	5754	114071	2.83%	0.046%
270	8.061	8.057	8.068	HH	5579	36838	0.91%	0.015%
271	8.092	8.068	8.112	HH	6834	161475	4.01%	0.065%
272	8.125	8.112	8.133	HH	5868	71712	1.78%	0.029%
273	8.137	8.133	8.156	HH	5799	78628	1.95%	0.032%
274	8.181	8.156	8.204	HH	6527	173456	4.31%	0.070%
275	8.245	8.204	8.252	HH	7070	180081	4.47%	0.073%
276	8.267	8.252	8.300	HH	11982	234778	5.83%	0.095%
277	8.315	8.300	8.329	HH	6247	107554	2.67%	0.044%
278	8.358	8.329	8.431	HH	38419	934557	23.20%	0.378%
279	8.441	8.431	8.495	HH	9153	308946	7.67%	0.125%
280	8.501	8.495	8.506	HH	7218	46437	1.15%	0.019%
281	8.508	8.506	8.528	HH	7164	93668	2.32%	0.038%
282	8.554	8.528	8.604	HH	7102	310940	7.72%	0.126%
283	8.639	8.604	8.647	HH	6960	172002	4.27%	0.070%
284	8.655	8.647	8.659	HH	6775	50448	1.25%	0.020%
285	8.685	8.659	8.702	HH	7323	182201	4.52%	0.074%
286	8.716	8.702	8.735	HH	7499	141605	3.51%	0.057%
287	8.757	8.735	8.776	HH	7727	177497	4.41%	0.072%
288	8.800	8.776	8.831	HH	11284	277107	6.88%	0.112%
289	8.855	8.831	8.898	HH	8389	302812	7.52%	0.123%
290	8.944	8.898	8.982	HH	7703	369282	9.17%	0.149%
291	9.007	8.982	9.032	HH	7944	224096	5.56%	0.091%
292	9.043	9.032	9.049	HH	7797	80998	2.01%	0.033%
293	9.053	9.049	9.067	HH	7732	80581	2.00%	0.033%
294	9.087	9.067	9.140	HH	28490	538974	13.38%	0.218%
295	9.171	9.140	9.193	HH	8402	252999	6.28%	0.102%
296	9.208	9.193	9.213	HH	7892	93822	2.33%	0.038%
297	9.223	9.213	9.241	HH	7888	128601	3.19%	0.052%
298	9.265	9.241	9.297	HH	9344	273895	6.80%	0.111%
299	9.322	9.297	9.340	HH	7895	198606	4.93%	0.080%

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300	9.347	9.340	9.354	HH	7729	67303	1.67%	0.027%
301	9.369	9.354	9.379	HH	8009	118121	2.93%	0.048%
302	9.389	9.379	9.404	HH	7986	116874	2.90%	0.047%
303	9.408	9.404	9.417	HH	7767	61317	1.52%	0.025%
304	9.426	9.417	9.430	HH	7760	58221	1.45%	0.024%
305	9.462	9.430	9.492	HH	10112	330051	8.19%	0.134%
306	9.505	9.492	9.524	HH	9338	165330	4.10%	0.067%
307	9.549	9.524	9.569	HH	9740	243652	6.05%	0.099%
308	9.593	9.569	9.612	HH	12178	255135	6.33%	0.103%
309	9.618	9.612	9.631	HH	9420	104718	2.60%	0.042%
310	9.645	9.631	9.671	HH	10151	219341	5.44%	0.089%
311	9.698	9.671	9.719	HH	11025	264838	6.57%	0.107%
312	9.728	9.719	9.751	HH	8514	159233	3.95%	0.064%
313	9.755	9.751	9.763	HH	8396	60576	1.50%	0.025%
314	9.788	9.763	9.802	HH	9483	206171	5.12%	0.083%
315	9.830	9.802	9.845	HH	9340	237047	5.88%	0.096%
316	9.864	9.845	9.912	HH	32195	583428	14.48%	0.236%
317	9.934	9.912	9.955	HH	9572	240161	5.96%	0.097%
318	9.968	9.955	9.982	HH	9501	150221	3.73%	0.061%
319	9.989	9.982	10.004	HH	9144	118511	2.94%	0.048%
320	10.009	10.004	10.013	HH	8780	46157	1.15%	0.019%
321	10.018	10.013	10.024	HH	8732	56513	1.40%	0.023%
322	10.038	10.024	10.056	HH	8952	167150	4.15%	0.068%
323	10.077	10.056	10.087	HH	9108	164462	4.08%	0.067%
324	10.092	10.087	10.122	HH	9103	193099	4.79%	0.078%
325	10.140	10.122	10.158	HH	9251	191448	4.75%	0.077%
326	10.161	10.158	10.168	HH	8980	55213	1.37%	0.022%
327	10.210	10.168	10.222	HH	11205	313909	7.79%	0.127%
328	10.251	10.222	10.283	HH	15137	428614	10.64%	0.173%
329	10.302	10.283	10.325	HH	11040	255058	6.33%	0.103%
330	10.341	10.325	10.370	HH	12046	282964	7.02%	0.115%
331	10.394	10.370	10.416	HH	11875	282572	7.01%	0.114%
332	10.427	10.416	10.440	HH	9579	137960	3.42%	0.056%
333	10.454	10.440	10.459	HH	9610	109626	2.72%	0.044%
334	10.531	10.459	10.557	HH	11047	596986	14.82%	0.242%
335	10.600	10.557	10.632	HH	37004	730783	18.14%	0.296%
336	10.669	10.632	10.698	HH	16045	488636	12.13%	0.198%
337	10.710	10.698	10.717	HH	10875	121184	3.01%	0.049%
338	10.721	10.717	10.752	HH	10843	223444	5.55%	0.090%
339	10.789	10.752	10.797	HH	10491	273426	6.79%	0.111%
340	10.820	10.797	10.839	HH	11012	270772	6.72%	0.110%
341	10.859	10.839	10.874	HH	10598	219978	5.46%	0.089%
342	10.879	10.874	10.891	HH	10291	98843	2.45%	0.040%
343	10.920	10.891	10.935	HH	12038	295939	7.35%	0.120%
344	10.951	10.935	10.958	HH	14021	179223	4.45%	0.073%
345	10.972	10.958	10.983	HH	14408	215578	5.35%	0.087%
346	10.988	10.983	11.008	HH	13703	197578	4.90%	0.080%
347	11.016	11.008	11.036	HH	12517	199809	4.96%	0.081%
348	11.055	11.036	11.078	HH	12805	292979	7.27%	0.119%
349	11.108	11.078	11.141	HH	12527	434120	10.77%	0.176%
350	11.146	11.141	11.149	HH	10972	50186	1.25%	0.020%
351	11.155	11.149	11.171	HH	11006	141967	3.52%	0.057%

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352	11.176	11.171	11.185	HH	10856	92064	2.29%	0.037%
353	11.193	11.185	11.209	HH	10908	157168	3.90%	0.064%
354	11.212	11.209	11.221	HH	10822	74869	1.86%	0.030%
355	11.238	11.221	11.272	HH	11003	331257	8.22%	0.134%
356	11.302	11.272	11.340	HH	27789	621127	15.42%	0.251%
357	11.344	11.340	11.363	HH	11223	151668	3.76%	0.061%
358	11.390	11.363	11.442	HH	14571	565160	14.03%	0.229%
359	11.456	11.442	11.479	HH	11314	250876	6.23%	0.102%
360	11.505	11.479	11.525	HH	12556	320800	7.96%	0.130%
361	11.547	11.525	11.578	HH	15247	394203	9.78%	0.160%
362	11.597	11.578	11.642	HH	12003	447152	11.10%	0.181%
363	11.657	11.642	11.673	HH	11480	207181	5.14%	0.084%
364	11.703	11.673	11.722	HH	13026	348277	8.64%	0.141%
365	11.734	11.722	11.752	HH	11926	202833	5.03%	0.082%
366	11.785	11.752	11.802	HH	12327	361228	8.97%	0.146%
367	11.825	11.802	11.846	HH	13260	321010	7.97%	0.130%
368	11.870	11.846	11.897	HH	12834	381155	9.46%	0.154%
369	11.911	11.897	11.917	HH	12207	141094	3.50%	0.057%
370	11.925	11.917	11.931	HH	12238	103718	2.57%	0.042%
371	11.971	11.931	12.003	HH	17961	594889	14.77%	0.241%
372	12.008	12.003	12.019	HH	12053	112479	2.79%	0.046%
373	12.036	12.019	12.058	HH	12560	285426	7.08%	0.116%
374	12.063	12.058	12.066	HH	11611	50583	1.26%	0.020%
375	12.089	12.066	12.136	HH	13459	505956	12.56%	0.205%
376	12.148	12.136	12.156	HH	11597	141702	3.52%	0.057%
377	12.182	12.156	12.206	HH	11985	349745	8.68%	0.142%
378	12.212	12.206	12.225	HH	11585	128717	3.19%	0.052%
379	12.250	12.225	12.260	HH	12344	251859	6.25%	0.102%
380	12.298	12.260	12.344	HH	13783	635576	15.78%	0.257%
381	12.349	12.344	12.360	HH	12151	114741	2.85%	0.046%
382	12.378	12.360	12.422	HH	12583	452155	11.22%	0.183%
383	12.436	12.422	12.454	HH	12133	226856	5.63%	0.092%
384	12.470	12.454	12.495	HH	12598	299181	7.43%	0.121%
385	12.499	12.495	12.506	HH	11966	77640	1.93%	0.031%
386	12.546	12.506	12.561	HH	12858	408746	10.15%	0.165%
387	12.566	12.561	12.591	HH	12626	226084	5.61%	0.092%
388	12.626	12.591	12.650	HH	14062	464529	11.53%	0.188%
389	12.672	12.650	12.691	HH	13793	319454	7.93%	0.129%
390	12.704	12.691	12.719	HH	12885	214777	5.33%	0.087%
391	12.739	12.719	12.846	HH	37921	1497311	37.16%	0.606%
392	12.863	12.846	12.897	HH	12875	385829	9.58%	0.156%
393	12.935	12.897	12.949	HH	13240	404547	10.04%	0.164%
394	12.966	12.949	12.988	HH	13551	305496	7.58%	0.124%
395	13.000	12.988	13.017	HH	12954	221773	5.50%	0.090%
396	13.040	13.017	13.110	HH	34514	1152069	28.59%	0.466%
397	13.129	13.110	13.154	HH	15211	394401	9.79%	0.160%
398	13.177	13.154	13.204	HH	15021	442664	10.99%	0.179%
399	13.220	13.204	13.257	HH	15233	453128	11.25%	0.183%
400	13.279	13.257	13.301	HH	14302	357371	8.87%	0.145%
401	13.305	13.301	13.330	HH	13514	234011	5.81%	0.095%
402	13.335	13.330	13.347	HH	13212	137933	3.42%	0.056%
403	13.361	13.347	13.373	HH	13376	203313	5.05%	0.082%
404	13.392	13.373	13.426	HH	14215	436057	10.82%	0.176%

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405	13.429	13.426	13.435	HH	13684	73177	1.82%	0.030%
406	13.440	13.435	13.448	HH	13700	109955	2.73%	0.045%
407	13.466	13.448	13.481	HH	14120	269271	6.68%	0.109%
408	13.503	13.481	13.520	HH	14277	326457	8.10%	0.132%
409	13.542	13.520	13.586	HH	14715	558447	13.86%	0.226%
410	13.604	13.586	13.618	HH	13867	266572	6.62%	0.108%
411	13.635	13.618	13.642	HH	14764	205865	5.11%	0.083%
412	13.655	13.642	13.666	HH	14659	203909	5.06%	0.083%
413	13.682	13.666	13.714	HH	15729	430983	10.70%	0.174%
414	13.723	13.714	13.743	HH	14205	243305	6.04%	0.098%
415	13.765	13.743	13.787	HH	19853	426852	10.59%	0.173%
416	13.820	13.787	13.870	HH	16377	751357	18.65%	0.304%
417	13.875	13.870	13.902	HH	14098	271080	6.73%	0.110%
418	13.942	13.902	13.978	HH	15619	669570	16.62%	0.271%
419	13.994	13.978	14.012	HH	14768	297318	7.38%	0.120%
420	14.017	14.012	14.064	HH	14683	445157	11.05%	0.180%
421	14.067	14.064	14.083	HH	14015	159665	3.96%	0.065%
422	14.106	14.083	14.117	HH	14101	278273	6.91%	0.113%
423	14.137	14.117	14.147	HH	14200	253641	6.30%	0.103%
424	14.150	14.147	14.154	HH	14169	63661	1.58%	0.026%
425	14.181	14.154	14.222	HH	15113	590524	14.66%	0.239%
426	14.252	14.222	14.295	HH	15075	650224	16.14%	0.263%
427	14.318	14.295	14.344	HH	15537	441768	10.96%	0.179%
428	14.366	14.344	14.382	HH	16676	352826	8.76%	0.143%
429	14.388	14.382	14.395	HH	15575	120990	3.00%	0.049%
430	14.410	14.395	14.415	HH	16283	195463	4.85%	0.079%
431	14.426	14.415	14.457	HH	17300	410806	10.20%	0.166%
432	14.482	14.457	14.554	HH	19842	1003632	24.91%	0.406%
433	14.584	14.554	14.597	HH	18438	429997	10.67%	0.174%
434	14.613	14.597	14.624	HH	18173	285979	7.10%	0.116%
435	14.644	14.624	14.677	HH	19042	585923	14.54%	0.237%
436	14.707	14.677	14.740	HH	262910	3475264	86.26%	1.407%
437	14.747	14.740	14.778	HH	17106	375027	9.31%	0.152%
438	14.802	14.778	14.820	HH	17713	417294	10.36%	0.169%
439	14.844	14.820	14.857	HH	17746	379662	9.42%	0.154%
440	14.872	14.857	14.895	HH	18771	407621	10.12%	0.165%
441	14.905	14.895	14.924	HH	17417	290474	7.21%	0.118%
442	14.947	14.924	14.968	HH	29383	611779	15.18%	0.248%
443	14.984	14.968	15.095	HH	33087	1688590	41.91%	0.683%
444	15.117	15.095	15.153	HH	18510	607193	15.07%	0.246%
445	15.173	15.153	15.186	HH	16967	331422	8.23%	0.134%
446	15.198	15.186	15.211	HH	16500	251045	6.23%	0.102%
447	15.219	15.211	15.240	HH	16445	285362	7.08%	0.116%
448	15.275	15.240	15.298	HH	17746	594777	14.76%	0.241%
449	15.362	15.298	15.366	HH	23569	844914	20.97%	0.342%
450	15.377	15.366	15.407	HH	23839	585236	14.53%	0.237%
451	15.426	15.407	15.443	HH	26105	508739	12.63%	0.206%
452	15.450	15.443	15.471	HH	22761	368442	9.14%	0.149%
453	15.502	15.471	15.545	HH	24381	946063	23.48%	0.383%
454	15.555	15.545	15.587	HH	19265	471934	11.71%	0.191%
455	15.597	15.587	15.614	HH	18558	305256	7.58%	0.124%
456	15.643	15.614	15.671	HH	20603	657768	16.33%	0.266%

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457	15.694	15.671	15.732	HH	19508	675487	16.77%	0.273%
458	15.756	15.732	15.766	HH	19896	392053	9.73%	0.159%
459	15.784	15.766	15.804	HH	20669	461888	11.46%	0.187%
460	15.820	15.804	15.843	HH	19787	448508	11.13%	0.182%
461	15.855	15.843	15.871	HH	18527	303953	7.54%	0.123%
462	15.895	15.871	15.910	HH	18641	432841	10.74%	0.175%
463	15.927	15.910	15.948	HH	19702	429610	10.66%	0.174%
464	15.969	15.948	15.977	HH	18764	318904	7.92%	0.129%
465	15.995	15.977	16.039	HH	20443	693079	17.20%	0.281%
466	16.063	16.039	16.083	HH	18581	484341	12.02%	0.196%
467	16.094	16.083	16.099	HH	18245	168204	4.17%	0.068%
468	16.105	16.099	16.117	HH	18344	200712	4.98%	0.081%
469	16.122	16.117	16.167	HH	18267	537058	13.33%	0.217%
470	16.183	16.167	16.193	HH	18575	293725	7.29%	0.119%
471	16.237	16.193	16.261	HH	19786	769843	19.11%	0.312%
472	16.280	16.261	16.307	HH	19270	516364	12.82%	0.209%
473	16.329	16.307	16.344	HH	19204	426957	10.60%	0.173%
474	16.375	16.344	16.387	HH	22356	533590	13.24%	0.216%
475	16.409	16.387	16.430	HH	26932	609307	15.12%	0.247%
476	16.439	16.430	16.456	HH	20558	315587	7.83%	0.128%
477	16.486	16.456	16.495	HH	23720	525059	13.03%	0.213%
478	16.514	16.495	16.548	HH	51884	1162745	28.86%	0.471%
479	16.560	16.548	16.654	HH	30110	1539850	38.22%	0.623%
480	16.676	16.654	16.713	HH	24119	777386	19.29%	0.315%
481	16.729	16.713	16.751	HH	22349	477057	11.84%	0.193%
482	16.766	16.751	16.778	HH	20731	329157	8.17%	0.133%
483	16.788	16.778	16.800	HH	20878	278313	6.91%	0.113%
484	16.809	16.800	16.820	HH	21013	245597	6.10%	0.099%
485	16.841	16.820	16.867	HH	38397	857503	21.28%	0.347%
486	16.871	16.867	16.899	HH	29615	481849	11.96%	0.195%
487	16.923	16.899	16.943	HH	42449	843412	20.93%	0.341%
488	16.955	16.943	17.018	HH	33457	1147774	28.49%	0.465%
489	17.045	17.018	17.091	HH	24534	991123	24.60%	0.401%
490	17.110	17.091	17.124	HH	21965	433580	10.76%	0.175%
491	17.132	17.124	17.145	HH	21600	267970	6.65%	0.108%
492	17.181	17.145	17.187	HH	22439	553209	13.73%	0.224%
493	17.207	17.187	17.220	HH	22740	444068	11.02%	0.180%
494	17.229	17.220	17.248	HH	22537	373300	9.27%	0.151%
495	17.256	17.248	17.262	HH	21968	185594	4.61%	0.075%
496	17.325	17.262	17.380	HH	49573	1957729	48.59%	0.792%
497	17.415	17.380	17.456	HH	26470	1135226	28.18%	0.459%
498	17.465	17.456	17.506	HH	24324	710033	17.62%	0.287%
499	17.511	17.506	17.531	HH	23216	344869	8.56%	0.140%
500	17.559	17.531	17.577	HH	23377	634965	15.76%	0.257%
501	17.608	17.577	17.633	HH	25369	814443	20.21%	0.330%
502	17.653	17.633	17.686	HH	24081	742879	18.44%	0.301%
503	17.728	17.686	17.743	HH	26171	847312	21.03%	0.343%
504	17.761	17.743	17.787	HH	33121	722001	17.92%	0.292%
505	17.811	17.787	17.817	HH	24387	444723	11.04%	0.180%
506	17.854	17.817	17.880	HH	35909	1058584	26.27%	0.428%
507	17.885	17.880	17.892	HH	24961	176883	4.39%	0.072%
508	17.916	17.892	17.926	HH	26422	522050	12.96%	0.211%
509	17.932	17.926	17.945	HH	26197	295116	7.32%	0.119%

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510	17.950	17.945	17.965	HH	26136	306916	7.62%	0.124%
511	17.984	17.965	17.990	HH	26275	391182	9.71%	0.158%
512	18.008	17.990	18.031	HH	31613	704279	17.48%	0.285%
513	18.036	18.031	18.047	HH	26419	261844	6.50%	0.106%
514	18.065	18.047	18.073	HH	27099	407518	10.11%	0.165%
515	18.119	18.073	18.136	HH	31936	1116030	27.70%	0.452%
516	18.184	18.136	18.225	HH	71529	2216303	55.01%	0.897%
517	18.236	18.225	18.266	HH	34588	837570	20.79%	0.339%
518	18.287	18.266	18.306	HH	37941	847001	21.02%	0.343%
519	18.326	18.306	18.348	HH	42742	972219	24.13%	0.394%
520	18.366	18.348	18.410	HH	51288	1415309	35.13%	0.573%
521	18.421	18.410	18.454	HH	30436	793511	19.70%	0.321%
522	18.471	18.454	18.477	HH	32710	427778	10.62%	0.173%
523	18.492	18.477	18.541	HH	33624	1202387	29.84%	0.487%
524	18.590	18.541	18.653	HH	52821	2523682	62.64%	1.021%
525	18.664	18.653	18.676	HH	32155	429778	10.67%	0.174%
526	18.697	18.676	18.735	HH	40959	1207032	29.96%	0.489%
527	18.794	18.735	18.838	HH	34694	2017683	50.08%	0.817%
528	18.853	18.838	18.865	HH	31962	500237	12.42%	0.202%
529	18.889	18.865	18.937	HH	42227	1531555	38.01%	0.620%
530	18.990	18.937	19.007	HH	60428	1847475	45.85%	0.748%
531	19.017	19.007	19.052	HH	47380	1197381	29.72%	0.485%
532	19.057	19.052	19.068	HH	43582	429259	10.65%	0.174%
533	19.093	19.068	19.123	HH	44773	1430520	35.51%	0.579%
534	19.132	19.123	19.153	HH	43620	760983	18.89%	0.308%
535	19.160	19.153	19.183	HH	40893	715064	17.75%	0.289%
536	19.214	19.183	19.227	HH	43383	1068592	26.52%	0.433%
537	19.242	19.227	19.297	HH	44031	1651180	40.98%	0.668%
538	19.317	19.297	19.346	HH	45000	1152132	28.60%	0.466%
539	19.376	19.346	19.401	HH	43597	1294906	32.14%	0.524%
540	19.413	19.401	19.445	HH	37467	946412	23.49%	0.383%
541	19.470	19.445	19.535	HH	58754	2268730	56.31%	0.918%
542	19.539	19.535	19.570	HH	37005	759160	18.84%	0.307%
543	19.594	19.570	19.612	HH	39395	939573	23.32%	0.380%
544	19.626	19.612	19.637	HH	37797	548773	13.62%	0.222%
545	19.693	19.637	19.716	HH	62340	2150318	53.37%	0.870%
546	19.747	19.716	19.771	HH	53031	1575228	39.10%	0.638%
547	19.790	19.771	19.834	HH	44452	1553652	38.56%	0.629%
548	19.854	19.834	19.899	HH	43004	1583742	39.31%	0.641%
549	19.925	19.899	19.965	HH	40295	1536751	38.14%	0.622%
550	20.006	19.965	20.029	HH	40645	1479625	36.72%	0.599%
551	20.048	20.029	20.075	HH	39823	1060651	26.33%	0.429%
552	20.089	20.075	20.094	HH	38317	426296	10.58%	0.173%
553	20.113	20.094	20.134	HH	41416	955278	23.71%	0.387%
554	20.168	20.134	20.179	HH	40878	1070664	26.57%	0.433%
555	20.198	20.179	20.219	HH	41589	994071	24.67%	0.402%
556	20.228	20.219	20.256	HH	41277	875611	21.73%	0.354%
557	20.285	20.256	20.318	HH	51488	1588591	39.43%	0.643%
558	20.327	20.318	20.342	HH	38752	563521	13.99%	0.228%
559	20.351	20.342	20.357	HH	38538	345911	8.59%	0.140%
560	20.367	20.357	20.396	HH	38665	882887	21.91%	0.357%
561	20.440	20.396	20.456	HH	43282	1444905	35.86%	0.585%

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562	20.472	20.456	20.505	HH	40704	1161741	28.83%	0.470%
563	20.513	20.505	20.558	HH	39244	1239439	30.76%	0.502%
564	20.582	20.558	20.608	HH	39345	1143672	28.39%	0.463%
565	20.636	20.608	20.675	HH	40477	1574427	39.08%	0.637%
566	20.699	20.675	20.737	HH	38461	1418725	35.21%	0.574%
567	20.758	20.737	20.769	HH	37796	733748	18.21%	0.297%
568	20.795	20.769	20.825	HH	38318	1262268	31.33%	0.511%
569	20.849	20.825	20.873	HH	39452	1118428	27.76%	0.453%
570	20.880	20.873	20.888	HH	37403	335826	8.34%	0.136%
571	20.892	20.888	20.912	HH	37273	518977	12.88%	0.210%
572	20.920	20.912	20.935	HH	37001	516738	12.83%	0.209%
573	20.947	20.935	20.953	HH	37094	407259	10.11%	0.165%
574	20.977	20.953	21.027	HH	37845	1662304	41.26%	0.673%
575	21.039	21.027	21.048	HH	36938	460073	11.42%	0.186%
576	21.051	21.048	21.083	HH	36886	772581	19.18%	0.313%
577	21.097	21.083	21.106	HH	36845	496022	12.31%	0.201%
578	21.113	21.106	21.126	HH	36774	439607	10.91%	0.178%
579	21.132	21.126	21.139	HH	36587	292328	7.26%	0.118%
580	21.169	21.139	21.202	HH	38405	1404169	34.85%	0.568%
581	21.206	21.202	21.215	HH	36604	292225	7.25%	0.118%
582	21.231	21.215	21.237	HH	36706	494427	12.27%	0.200%
583	21.241	21.237	21.245	HH	36753	164903	4.09%	0.067%
584	21.275	21.245	21.290	HH	38200	1020038	25.32%	0.413%
585	21.295	21.290	21.304	HH	37350	301903	7.49%	0.122%
586	21.308	21.304	21.327	HH	37357	511720	12.70%	0.207%
587	21.332	21.327	21.354	HH	37061	600869	14.91%	0.243%
588	21.364	21.354	21.374	HH	36929	447386	11.10%	0.181%
589	21.378	21.374	21.385	HH	36793	238768	5.93%	0.097%
590	21.395	21.385	21.400	HH	36932	341162	8.47%	0.138%
591	21.412	21.400	21.444	HH	36903	957703	23.77%	0.388%
592	21.448	21.444	21.470	HH	36117	556175	13.80%	0.225%
593	21.482	21.470	21.488	HH	35836	386856	9.60%	0.157%
594	21.515	21.488	21.549	HH	36198	1318783	32.73%	0.534%
595	21.571	21.549	21.580	HH	35939	668518	16.59%	0.271%
596	21.586	21.580	21.592	HH	35897	244533	6.07%	0.099%
597	21.599	21.592	21.615	HH	35849	498125	12.36%	0.202%
598	21.623	21.615	21.630	HH	35838	323570	8.03%	0.131%
599	21.639	21.630	21.655	HH	35975	534000	13.25%	0.216%
600	21.662	21.655	21.668	HH	35756	284310	7.06%	0.115%
601	21.672	21.668	21.680	HH	35790	255176	6.33%	0.103%
602	21.754	21.680	21.772	HH	37154	1993911	49.49%	0.807%
603	21.799	21.772	21.824	HH	37590	1174179	29.14%	0.475%
604	21.830	21.824	21.838	HH	36833	310801	7.71%	0.126%
605	21.847	21.838	21.857	HH	36890	404375	10.04%	0.164%
606	21.862	21.857	21.877	HH	36638	449387	11.15%	0.182%
607	21.882	21.877	21.902	HH	36477	534812	13.27%	0.216%
608	21.906	21.902	21.911	HH	36271	196314	4.87%	0.079%
609	21.916	21.911	21.945	HH	36295	737029	18.29%	0.298%
610	21.952	21.945	21.959	HH	35912	312933	7.77%	0.127%
611	21.969	21.959	22.003	HH	35880	943639	23.42%	0.382%
612	22.031	22.003	22.063	HH	35830	1282908	31.84%	0.519%
613	22.068	22.063	22.077	HH	35708	287644	7.14%	0.116%
614	22.086	22.077	22.096	HH	35749	404783	10.05%	0.164%

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615	22.105	22.096	22.118	HH	35741	486793	12.08%	0.197%
616	22.123	22.118	22.128	HH	35468	197048	4.89%	0.080%
617	22.132	22.128	22.169	HH	35560	888660	22.06%	0.360%
618	22.192	22.169	22.198	HH	35557	614323	15.25%	0.249%
619	22.209	22.198	22.229	HH	35594	657074	16.31%	0.266%
620	22.258	22.229	22.264	HH	35869	749331	18.60%	0.303%
621	22.288	22.264	22.322	HH	36328	1243977	30.88%	0.504%
622	22.326	22.322	22.336	HH	35762	302115	7.50%	0.122%
623	22.341	22.336	22.380	HH	35691	938549	23.30%	0.380%
624	22.384	22.380	22.399	HH	35493	400111	9.93%	0.162%
625	22.406	22.399	22.416	HH	35335	373388	9.27%	0.151%
626	22.421	22.416	22.432	HH	35129	341568	8.48%	0.138%
627	22.445	22.432	22.470	HH	35142	784554	19.47%	0.318%
628	22.487	22.470	22.499	HH	35336	618295	15.35%	0.250%
629	22.510	22.499	22.516	HH	35460	357185	8.87%	0.145%
630	22.531	22.516	22.539	HH	35904	497780	12.36%	0.201%
631	22.544	22.539	22.582	HH	35881	916386	22.75%	0.371%
632	22.588	22.582	22.598	HH	34952	333562	8.28%	0.135%
633	22.607	22.598	22.661	HH	35038	1309989	32.51%	0.530%
634	22.665	22.661	22.671	HH	34537	200351	4.97%	0.081%
635	22.682	22.671	22.712	HH	34634	863766	21.44%	0.350%
636	22.728	22.712	22.734	HH	34640	450865	11.19%	0.182%
637	22.743	22.734	22.748	HH	34651	290275	7.20%	0.117%
638	22.751	22.748	22.756	HH	34647	155433	3.86%	0.063%
639	22.762	22.756	22.777	HH	34743	443266	11.00%	0.179%
640	22.811	22.777	22.832	HH	34860	1154920	28.67%	0.467%
641	22.837	22.832	22.858	HH	34636	526349	13.06%	0.213%
642	22.863	22.858	22.867	HH	34644	194597	4.83%	0.079%
643	22.906	22.867	22.911	HH	35151	920849	22.86%	0.373%
644	22.920	22.911	22.928	HH	35302	352409	8.75%	0.143%
645	22.932	22.928	22.956	HH	35024	591195	14.67%	0.239%
646	22.960	22.956	22.981	HH	34657	510601	12.67%	0.207%
647	22.987	22.981	22.997	HH	34480	337700	8.38%	0.137%
648	23.003	22.997	23.013	HH	34436	332789	8.26%	0.135%
649	23.023	23.013	23.029	HH	34476	323666	8.03%	0.131%
650	23.036	23.029	23.056	HH	34459	560159	13.90%	0.227%
651	23.060	23.056	23.070	HH	34370	274516	6.81%	0.111%
652	23.073	23.070	23.081	HH	34381	239989	5.96%	0.097%
653	23.096	23.081	23.106	HH	34295	501482	12.45%	0.203%
654	23.113	23.106	23.117	HH	34334	237747	5.90%	0.096%
655	23.126	23.117	23.146	HH	34368	588153	14.60%	0.238%
656	23.152	23.146	23.169	HH	34226	472929	11.74%	0.191%
657	23.175	23.169	23.178	HH	34061	185153	4.60%	0.075%
658	23.191	23.178	23.201	HH	34217	471830	11.71%	0.191%
659	23.213	23.201	23.228	HH	34111	543275	13.48%	0.220%
660	23.233	23.228	23.239	HH	34077	223958	5.56%	0.091%
661	23.253	23.239	23.261	HH	34113	461895	11.46%	0.187%
662	23.280	23.261	23.292	HH	34202	625898	15.53%	0.253%
663	23.307	23.292	23.312	HH	34339	411408	10.21%	0.167%
664	23.314	23.312	23.325	HH	34273	260360	6.46%	0.105%
665	23.334	23.325	23.341	HH	34396	342966	8.51%	0.139%
666	23.350	23.341	23.356	HH	34461	309739	7.69%	0.125%

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667	23.430	23.356	23.545	HH	35909	3942247	97.85%	1.596%
668	23.552	23.545	23.566	HH	33803	421994	10.47%	0.171%
669	23.577	23.566	23.590	HH	33739	476689	11.83%	0.193%
670	23.597	23.590	23.602	HH	33668	237918	5.91%	0.096%
671	23.641	23.602	23.657	HH	34042	1132253	28.10%	0.458%
672	23.663	23.657	23.680	HH	33814	449964	11.17%	0.182%
673	23.697	23.680	23.708	HH	33665	566902	14.07%	0.229%
674	23.714	23.708	23.718	HH	33593	197673	4.91%	0.080%
675	23.749	23.718	23.756	HH	33728	763729	18.96%	0.309%
676	23.761	23.756	23.766	HH	33696	219473	5.45%	0.089%
677	23.775	23.766	23.783	HH	33732	338758	8.41%	0.137%
678	23.791	23.783	23.805	HH	33696	431326	10.71%	0.175%
679	23.810	23.805	23.820	HH	33728	318138	7.90%	0.129%
680	23.835	23.820	23.847	HH	33644	533134	13.23%	0.216%
681	23.860	23.847	23.871	HH	33712	493766	12.26%	0.200%
682	23.888	23.871	23.906	HH	33722	697732	17.32%	0.282%
683	23.916	23.906	23.934	HH	33659	566689	14.07%	0.229%
684	23.939	23.934	23.960	HH	33537	511684	12.70%	0.207%
685	23.963	23.960	23.972	HH	33434	250926	6.23%	0.102%
686	23.982	23.972	24.012	HH	33522	803895	19.95%	0.325%
687	24.052	24.012	24.059	HH	34029	948496	23.54%	0.384%
688	24.072	24.059	24.155	HH	34173	1936164	48.06%	0.784%
689	24.196	24.155	24.213	HH	33429	1153191	28.62%	0.467%
690	24.265	24.213	24.318	HH	33486	2103939	52.22%	0.852%
691	24.328	24.318	24.336	HH	33347	366304	9.09%	0.148%
692	24.345	24.336	24.353	HH	33312	333015	8.27%	0.135%
693	24.388	24.353	24.402	HH	33363	986632	24.49%	0.399%
694	24.487	24.402	24.601	HHA	33966	4028957	100.00%	1.631%
						Sum of corrected areas:	247059755	

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