

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE030818\
Data File : FE026411.D
Signal(s) : FID1B.CH
Acq On : 08 Mar 2018 15:53
Sample : J1828-03
Misc :
ALS Vial : 8 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	2.426	2.401	2.432	BH	-22	-1399	-0.06%	-0.001%
2	2.436	2.432	2.441	PH	2	-378	-0.02%	-0.000%
3	2.445	2.441	2.450	PH	10	-311	-0.01%	-0.000%
4	2.454	2.450	2.465	PH	36	-892	-0.04%	-0.000%
5	2.471	2.465	2.477	PH	-39	-910	-0.04%	-0.000%
6	2.481	2.477	2.493	PH	-19	-1304	-0.05%	-0.001%
7	2.497	2.493	2.502	PH	-37	-749	-0.03%	-0.000%
8	2.508	2.502	2.517	PH	-9	-897	-0.04%	-0.000%
9	2.520	2.517	2.529	PH	-67	-884	-0.04%	-0.000%
10	2.534	2.529	2.547	PH	18	-1010	-0.04%	-0.000%
11	2.556	2.547	2.567	PH	-77	-1534	-0.06%	-0.001%
12	2.572	2.567	2.582	PH	-66	-1687	-0.07%	-0.001%
13	2.603	2.582	2.615	PH	-74	-3277	-0.13%	-0.002%
14	2.618	2.615	2.630	PH	-42	-1244	-0.05%	-0.001%
15	2.634	2.630	2.639	PH	-136	-1088	-0.04%	-0.001%
16	2.646	2.639	2.653	PH	-68	-1157	-0.05%	-0.001%
17	2.669	2.653	2.701	PH	551	6848	0.28%	0.003%
18	2.705	2.701	2.716	PH	91	-189	-0.01%	-0.000%
19	2.720	2.716	2.730	PH	-22	-1205	-0.05%	-0.001%
20	2.736	2.730	2.770	PH	27	-2869	-0.12%	-0.001%
21	2.775	2.770	2.779	PH	-75	-692	-0.03%	-0.000%
22	2.786	2.779	2.792	PH	-68	-774	-0.03%	-0.000%
23	2.795	2.792	2.806	PH	-8	-1108	-0.04%	-0.001%
24	2.834	2.806	2.842	PH	99	-2341	-0.09%	-0.001%
25	2.848	2.842	2.866	PH	-55	-2172	-0.09%	-0.001%
26	2.885	2.866	2.910	PH	7	-2665	-0.11%	-0.001%
27	2.921	2.910	2.931	PH	30	-1357	-0.05%	-0.001%
28	2.934	2.931	2.939	PH	-30	-660	-0.03%	-0.000%
29	2.954	2.939	2.968	PH	69	-1183	-0.05%	-0.001%
30	2.981	2.968	2.990	PH	196	-315	-0.01%	-0.000%
31	2.995	2.990	3.021	PH	93	-903	-0.04%	-0.000%
32	3.035	3.021	3.043	PH	80	-605	-0.02%	-0.000%
33	3.049	3.043	3.053	PH	150	-97	-0.00%	-0.000%
34	3.059	3.053	3.080	PH	202	701	0.03%	0.000%
35	3.085	3.080	3.094	HH	71	219	0.01%	0.000%
36	3.105	3.094	3.118	PH	190	63	0.00%	0.000%

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37	3.127	3.118	3.132	PH	179	129	0.01%	0.000%
38	3.138	3.132	3.143	PH	39	-200	-0.01%	-0.000%
39	3.159	3.143	3.175	PH	128	340	0.01%	0.000%
40	3.186	3.175	3.199	PH	248	729	0.03%	0.000%
41	3.205	3.199	3.213	PH	159	844	0.03%	0.000%
42	3.219	3.213	3.234	HH	253	1887	0.08%	0.001%
43	3.238	3.234	3.245	HH	157	774	0.03%	0.000%
44	3.259	3.245	3.267	HH	311	2809	0.11%	0.001%
45	3.272	3.267	3.285	HH	332	2672	0.11%	0.001%
46	3.290	3.285	3.322	HH	382	3948	0.16%	0.002%
47	3.327	3.322	3.335	HH	303	1608	0.06%	0.001%
48	3.340	3.335	3.347	HH	240	1297	0.05%	0.001%
49	3.356	3.347	3.360	HH	205	1051	0.04%	0.000%
50	3.370	3.360	3.381	HH	312	2008	0.08%	0.001%
51	3.389	3.381	3.400	HH	310	2433	0.10%	0.001%
52	3.404	3.400	3.413	HH	301	1959	0.08%	0.001%
53	3.417	3.413	3.424	HH	288	1648	0.07%	0.001%
54	3.429	3.424	3.433	HH	335	1433	0.06%	0.001%
55	3.438	3.433	3.455	HH	359	3542	0.14%	0.002%
56	3.459	3.455	3.469	HH	318	2322	0.09%	0.001%
57	3.477	3.469	3.483	HH	404	2534	0.10%	0.001%
58	3.492	3.483	3.499	HH	339	2772	0.11%	0.001%
59	3.506	3.499	3.521	HH	356	3942	0.16%	0.002%
60	3.525	3.521	3.530	HH	404	1590	0.06%	0.001%
61	3.537	3.530	3.546	HH	335	2495	0.10%	0.001%
62	3.551	3.546	3.555	HH	400	1663	0.07%	0.001%
63	3.562	3.555	3.572	HH	453	3750	0.15%	0.002%
64	3.577	3.572	3.591	HH	551	5110	0.21%	0.002%
65	3.596	3.591	3.600	HH	472	1983	0.08%	0.001%
66	3.606	3.600	3.613	HH	389	2599	0.10%	0.001%
67	3.619	3.613	3.624	HH	505	2582	0.10%	0.001%
68	3.645	3.624	3.683	HH	1280	22540	0.91%	0.011%
69	3.705	3.683	3.719	HH	1137	15809	0.64%	0.008%
70	3.726	3.719	3.735	HH	543	4291	0.17%	0.002%
71	3.745	3.735	3.759	HH	659	8128	0.33%	0.004%
72	3.763	3.759	3.778	HH	678	6530	0.26%	0.003%
73	3.784	3.778	3.800	HH	648	6857	0.28%	0.003%
74	3.833	3.800	3.850	HH	1422	28179	1.14%	0.013%
75	3.854	3.850	3.862	HH	786	4808	0.19%	0.002%
76	3.882	3.862	3.892	HH	883	12806	0.52%	0.006%
77	3.897	3.892	3.929	HH	758	15094	0.61%	0.007%
78	3.932	3.929	3.937	HH	739	3386	0.14%	0.002%
79	3.942	3.937	3.956	HH	732	7308	0.29%	0.003%
80	3.961	3.956	3.965	HH	698	3794	0.15%	0.002%
81	3.970	3.965	3.975	HH	680	3769	0.15%	0.002%
82	3.985	3.975	3.993	HH	771	7579	0.31%	0.004%
83	3.998	3.993	4.001	HH	869	3896	0.16%	0.002%
84	4.004	4.001	4.011	HH	828	4407	0.18%	0.002%
85	4.020	4.011	4.035	HH	847	10624	0.43%	0.005%
86	4.041	4.035	4.052	HH	904	8082	0.33%	0.004%
87	4.057	4.052	4.061	HH	822	4026	0.16%	0.002%
88	4.087	4.061	4.126	HH	2012	45002	1.82%	0.021%
89	4.131	4.126	4.142	HH	960	8184	0.33%	0.004%

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90	4.154	4.142	4.159	HH	909	8756	0.35%	0.004%
91	4.166	4.159	4.173	HH	934	7186	0.29%	0.003%
92	4.188	4.173	4.192	HH	941	10398	0.42%	0.005%
93	4.209	4.192	4.225	HH	1012	18596	0.75%	0.009%
94	4.236	4.225	4.241	HH	1024	9292	0.37%	0.004%
95	4.246	4.241	4.255	HH	1040	8040	0.32%	0.004%
96	4.259	4.255	4.268	HH	1064	7536	0.30%	0.004%
97	4.275	4.268	4.283	HH	1003	8533	0.34%	0.004%
98	4.294	4.283	4.311	HH	1117	16997	0.69%	0.008%
99	4.317	4.311	4.327	HH	1091	9876	0.40%	0.005%
100	4.337	4.327	4.342	HH	1206	9582	0.39%	0.005%
101	4.351	4.342	4.365	HH	1210	15015	0.61%	0.007%
102	4.370	4.365	4.374	HH	1097	5841	0.24%	0.003%
103	4.381	4.374	4.386	HH	1123	7760	0.31%	0.004%
104	4.393	4.386	4.399	HH	1191	8184	0.33%	0.004%
105	4.405	4.399	4.420	HH	1173	14002	0.57%	0.007%
106	4.425	4.420	4.436	HH	1250	11407	0.46%	0.005%
107	4.468	4.436	4.490	HH	1356	40569	1.64%	0.019%
108	4.493	4.490	4.501	HH	1366	8546	0.34%	0.004%
109	4.518	4.501	4.523	HH	1462	17311	0.70%	0.008%
110	4.528	4.523	4.539	HH	1477	13549	0.55%	0.006%
111	4.549	4.539	4.553	HH	1579	11768	0.47%	0.006%
112	4.560	4.553	4.582	HH	1622	26431	1.07%	0.013%
113	4.605	4.582	4.610	HH	1611	25288	1.02%	0.012%
114	4.615	4.610	4.624	HH	1593	12619	0.51%	0.006%
115	4.631	4.624	4.637	HH	1512	10997	0.44%	0.005%
116	4.643	4.637	4.653	HH	1596	14952	0.60%	0.007%
117	4.660	4.653	4.669	HH	1674	14969	0.60%	0.007%
118	4.684	4.669	4.689	HH	1613	17979	0.73%	0.009%
119	4.695	4.689	4.700	HH	1607	10230	0.41%	0.005%
120	4.717	4.700	4.732	HH	1656	31149	1.26%	0.015%
121	4.735	4.732	4.740	HH	1599	7250	0.29%	0.003%
122	4.751	4.740	4.756	HH	1759	15970	0.64%	0.008%
123	4.760	4.756	4.774	HH	1693	17183	0.69%	0.008%
124	4.785	4.774	4.797	HH	1684	22453	0.91%	0.011%
125	4.808	4.797	4.827	HH	1680	28193	1.14%	0.013%
126	4.841	4.827	4.845	HH	1621	16299	0.66%	0.008%
127	4.850	4.845	4.855	HH	1647	9608	0.39%	0.005%
128	4.858	4.855	4.875	HH	1580	18631	0.75%	0.009%
129	4.884	4.875	4.902	HH	1674	24399	0.98%	0.012%
130	4.905	4.902	4.909	HH	1531	6716	0.27%	0.003%
131	4.914	4.909	4.924	HH	1602	13027	0.53%	0.006%
132	4.932	4.924	4.951	HH	1690	25726	1.04%	0.012%
133	4.955	4.951	4.959	HH	1499	6943	0.28%	0.003%
134	4.967	4.959	4.973	HH	1645	12640	0.51%	0.006%
135	5.000	4.973	5.003	HH	1723	29711	1.20%	0.014%
136	5.008	5.003	5.030	HH	1808	27511	1.11%	0.013%
137	5.036	5.030	5.045	HH	1764	15174	0.61%	0.007%
138	5.065	5.045	5.084	HH	2250	44369	1.79%	0.021%
139	5.091	5.084	5.097	HH	2139	15925	0.64%	0.008%
140	5.111	5.097	5.122	HH	1889	26958	1.09%	0.013%
141	5.127	5.122	5.132	HH	1801	10380	0.42%	0.005%

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142	5.141	5.132	5.145	HH	1882	14355	0.58%	0.007%
143	5.149	5.145	5.153	HH	1903	8244	0.33%	0.004%
144	5.159	5.153	5.167	HH	1929	15567	0.63%	0.007%
145	5.171	5.167	5.177	HH	1867	10892	0.44%	0.005%
146	5.180	5.177	5.190	HH	1831	13977	0.56%	0.007%
147	5.212	5.190	5.239	HH	2208	57868	2.34%	0.027%
148	5.245	5.239	5.250	HH	1872	11195	0.45%	0.005%
149	5.260	5.250	5.269	HH	1889	21175	0.85%	0.010%
150	5.276	5.269	5.292	HH	1897	25146	1.01%	0.012%
151	5.300	5.292	5.304	HH	1929	13275	0.54%	0.006%
152	5.314	5.304	5.322	HH	1984	20057	0.81%	0.010%
153	5.341	5.322	5.387	HH	3323	94014	3.79%	0.045%
154	5.395	5.387	5.406	HH	2181	23173	0.94%	0.011%
155	5.410	5.406	5.421	HH	2126	18994	0.77%	0.009%
156	5.433	5.421	5.444	HH	2082	27077	1.09%	0.013%
157	5.462	5.444	5.479	HH	2415	47786	1.93%	0.023%
158	5.482	5.479	5.510	HH	2305	40292	1.63%	0.019%
159	5.514	5.510	5.521	HH	2274	15288	0.62%	0.007%
160	5.549	5.521	5.555	HH	2589	48618	1.96%	0.023%
161	5.560	5.555	5.590	HH	2606	51160	2.06%	0.024%
162	5.593	5.590	5.599	HH	2286	11114	0.45%	0.005%
163	5.604	5.599	5.625	HH	2401	35013	1.41%	0.017%
164	5.628	5.625	5.636	HH	2288	15340	0.62%	0.007%
165	5.648	5.636	5.654	HH	2294	23552	0.95%	0.011%
166	5.664	5.654	5.678	HH	2346	32390	1.31%	0.015%
167	5.684	5.678	5.690	HH	2366	17040	0.69%	0.008%
168	5.697	5.690	5.707	HH	2306	22404	0.90%	0.011%
169	5.721	5.707	5.731	HH	2385	32543	1.31%	0.015%
170	5.736	5.731	5.749	HH	2355	24403	0.98%	0.012%
171	5.764	5.749	5.768	HH	2360	26036	1.05%	0.012%
172	5.776	5.768	5.783	HH	2447	21608	0.87%	0.010%
173	5.787	5.783	5.791	HH	2454	11870	0.48%	0.006%
174	5.796	5.791	5.801	HH	2381	13964	0.56%	0.007%
175	5.806	5.801	5.815	HH	2381	18553	0.75%	0.009%
176	5.825	5.815	5.830	HH	2459	22550	0.91%	0.011%
177	5.849	5.830	5.891	HH	2796	93848	3.79%	0.045%
178	5.899	5.891	5.910	HH	2598	29341	1.18%	0.014%
179	5.916	5.910	5.924	HH	2577	20593	0.83%	0.010%
180	5.928	5.924	5.944	HH	2553	30680	1.24%	0.015%
181	5.950	5.944	5.955	HH	2645	16576	0.67%	0.008%
182	5.964	5.955	5.975	HH	2668	30697	1.24%	0.015%
183	5.992	5.975	6.000	HH	2700	39296	1.59%	0.019%
184	6.005	6.000	6.010	HH	2705	17138	0.69%	0.008%
185	6.017	6.010	6.023	HH	2709	19507	0.79%	0.009%
186	6.032	6.023	6.036	HH	2625	20333	0.82%	0.010%
187	6.045	6.036	6.049	HH	2659	20234	0.82%	0.010%
188	6.057	6.049	6.095	HH	2708	71704	2.89%	0.034%
189	6.102	6.095	6.113	HH	2749	29759	1.20%	0.014%
190	6.119	6.113	6.124	HH	2721	16514	0.67%	0.008%
191	6.128	6.124	6.141	HH	2763	28077	1.13%	0.013%
192	6.189	6.141	6.209	HH	4073	122244	4.93%	0.058%
193	6.216	6.209	6.250	HH	2797	68267	2.76%	0.032%
194	6.259	6.250	6.277	HH	2919	44825	1.81%	0.021%

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195	6.283	6.277	6.288	HH	2872	18024	0.73%	0.009%
196	6.299	6.288	6.320	HH	2985	55773	2.25%	0.026%
197	6.330	6.320	6.335	HH	2881	25864	1.04%	0.012%
198	6.341	6.335	6.345	HH	2938	16951	0.68%	0.008%
199	6.360	6.345	6.365	HH	2949	34423	1.39%	0.016%
200	6.368	6.365	6.375	HH	2945	15829	0.64%	0.008%
201	6.378	6.375	6.382	HH	2911	12828	0.52%	0.006%
202	6.394	6.382	6.399	HH	2905	28515	1.15%	0.014%
203	6.403	6.399	6.408	HH	2911	15744	0.64%	0.007%
204	6.423	6.408	6.429	HH	2998	36003	1.45%	0.017%
205	6.450	6.429	6.465	HH	3100	64484	2.60%	0.031%
206	6.470	6.465	6.475	HH	3034	17193	0.69%	0.008%
207	6.486	6.475	6.490	HH	3146	28701	1.16%	0.014%
208	6.497	6.490	6.505	HH	3197	28013	1.13%	0.013%
209	6.512	6.505	6.524	HH	3093	34422	1.39%	0.016%
210	6.533	6.524	6.545	HH	3141	38759	1.56%	0.018%
211	6.549	6.545	6.561	HH	3109	28690	1.16%	0.014%
212	6.579	6.561	6.590	HH	3107	52963	2.14%	0.025%
213	6.595	6.590	6.604	HH	3115	23789	0.96%	0.011%
214	6.629	6.604	6.646	HH	3183	78840	3.18%	0.037%
215	6.656	6.646	6.661	HH	3216	28387	1.15%	0.013%
216	6.671	6.661	6.682	HH	3162	38770	1.56%	0.018%
217	6.693	6.682	6.699	HH	3273	31922	1.29%	0.015%
218	6.706	6.699	6.710	HH	3257	21855	0.88%	0.010%
219	6.723	6.710	6.731	HH	3260	39598	1.60%	0.019%
220	6.738	6.731	6.750	HH	3275	36325	1.47%	0.017%
221	6.758	6.750	6.771	HH	3281	39851	1.61%	0.019%
222	6.775	6.771	6.785	HH	3292	27028	1.09%	0.013%
223	6.789	6.785	6.793	HH	3221	14244	0.57%	0.007%
224	6.813	6.793	6.819	HH	3279	49543	2.00%	0.024%
225	6.825	6.819	6.831	HH	3256	23221	0.94%	0.011%
226	6.835	6.831	6.841	HH	3263	20006	0.81%	0.009%
227	6.858	6.841	6.863	HH	3294	41538	1.68%	0.020%
228	6.867	6.863	6.876	HH	3281	26157	1.06%	0.012%
229	6.884	6.876	6.903	HH	3396	51844	2.09%	0.025%
230	6.909	6.903	6.915	HH	3275	23252	0.94%	0.011%
231	6.932	6.915	6.964	HH	3430	96356	3.89%	0.046%
232	6.974	6.964	6.986	HH	3416	44644	1.80%	0.021%
233	6.997	6.986	7.018	HH	3440	63664	2.57%	0.030%
234	7.035	7.018	7.039	HH	3510	43666	1.76%	0.021%
235	7.046	7.039	7.053	HH	3647	30059	1.21%	0.014%
236	7.059	7.053	7.068	HH	3561	29929	1.21%	0.014%
237	7.083	7.068	7.092	HH	3636	53063	2.14%	0.025%
238	7.100	7.092	7.106	HH	3690	28669	1.16%	0.014%
239	7.109	7.106	7.127	HH	3735	45110	1.82%	0.021%
240	7.152	7.127	7.162	HH	3618	75938	3.06%	0.036%
241	7.168	7.162	7.171	HH	3823	18623	0.75%	0.009%
242	7.179	7.171	7.223	HH	4059	118762	4.79%	0.056%
243	7.231	7.223	7.237	HH	3824	31544	1.27%	0.015%
244	7.241	7.237	7.251	HH	3819	33114	1.34%	0.016%
245	7.263	7.251	7.267	HH	3863	36137	1.46%	0.017%
246	7.278	7.267	7.289	HH	3922	50604	2.04%	0.024%

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247	7.304	7.289	7.327	HH	3918	88254	3.56%	0.042%
248	7.334	7.327	7.341	HH	3929	31696	1.28%	0.015%
249	7.358	7.341	7.379	HH	4017	89165	3.60%	0.042%
250	7.406	7.379	7.424	HH	4246	108875	4.39%	0.052%
251	7.429	7.424	7.451	HH	4014	63253	2.55%	0.030%
252	7.453	7.451	7.461	HH	3936	24138	0.97%	0.011%
253	7.477	7.461	7.482	HH	3953	49183	1.98%	0.023%
254	7.487	7.482	7.491	HH	3989	20324	0.82%	0.010%
255	7.499	7.491	7.512	HH	4137	50702	2.05%	0.024%
256	7.530	7.512	7.546	HH	4190	83224	3.36%	0.039%
257	7.554	7.546	7.566	HH	4142	49760	2.01%	0.024%
258	7.574	7.566	7.579	HH	4129	32388	1.31%	0.015%
259	7.586	7.579	7.591	HH	4125	29329	1.18%	0.014%
260	7.597	7.591	7.602	HH	4082	27381	1.10%	0.013%
261	7.608	7.602	7.619	HH	4176	41310	1.67%	0.020%
262	7.634	7.619	7.640	HH	4268	50636	2.04%	0.024%
263	7.644	7.640	7.656	HH	4184	41243	1.66%	0.020%
264	7.661	7.656	7.673	HH	4269	43176	1.74%	0.020%
265	7.690	7.673	7.698	HH	4419	62363	2.52%	0.030%
266	7.722	7.698	7.733	HH	4447	91961	3.71%	0.044%
267	7.801	7.733	7.848	HH	5834	334665	13.51%	0.159%
268	7.859	7.848	7.876	HH	4773	77240	3.12%	0.037%
269	7.879	7.876	7.891	HH	4650	40840	1.65%	0.019%
270	7.917	7.891	7.926	HH	4734	96111	3.88%	0.046%
271	7.934	7.926	7.941	HH	4618	41635	1.68%	0.020%
272	7.962	7.941	7.996	HH	4854	154405	6.23%	0.073%
273	8.003	7.996	8.009	HH	4660	35915	1.45%	0.017%
274	8.024	8.009	8.034	HH	4828	70711	2.85%	0.034%
275	8.040	8.034	8.068	HH	4818	97651	3.94%	0.046%
276	8.085	8.068	8.111	HH	5135	124657	5.03%	0.059%
277	8.141	8.111	8.146	HH	4941	104070	4.20%	0.049%
278	8.155	8.146	8.167	HH	5006	61326	2.47%	0.029%
279	8.184	8.167	8.204	HH	5216	111653	4.51%	0.053%
280	8.211	8.204	8.216	HH	5097	37707	1.52%	0.018%
281	8.245	8.216	8.252	HH	5795	114761	4.63%	0.054%
282	8.269	8.252	8.309	HH	9258	224723	9.07%	0.107%
283	8.315	8.309	8.330	HH	5439	64424	2.60%	0.031%
284	8.335	8.330	8.343	HH	5236	42893	1.73%	0.020%
285	8.361	8.343	8.434	HH	25091	678893	27.40%	0.322%
286	8.445	8.434	8.494	HH	7869	254823	10.28%	0.121%
287	8.499	8.494	8.504	HH	6289	38336	1.55%	0.018%
288	8.511	8.504	8.533	HH	6337	104650	4.22%	0.050%
289	8.561	8.533	8.585	HH	6188	187401	7.56%	0.089%
290	8.591	8.585	8.612	HH	5962	96237	3.88%	0.046%
291	8.627	8.612	8.633	HH	5972	72218	2.91%	0.034%
292	8.640	8.633	8.653	HH	6015	73384	2.96%	0.035%
293	8.686	8.653	8.700	HH	6361	169439	6.84%	0.080%
294	8.717	8.700	8.728	HH	6453	108292	4.37%	0.051%
295	8.733	8.728	8.741	HH	6172	46465	1.88%	0.022%
296	8.759	8.741	8.775	HH	6662	130527	5.27%	0.062%
297	8.801	8.775	8.839	HH	9109	265211	10.70%	0.126%
298	8.856	8.839	8.894	HH	6927	211532	8.54%	0.100%
299	8.897	8.894	8.902	HH	6135	28086	1.13%	0.013%

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300	8.908	8.902	8.911	HH	6190	32872	1.33%	0.016%
301	8.915	8.911	8.918	HH	6238	25168	1.02%	0.012%
302	8.925	8.918	8.931	HH	6277	51559	2.08%	0.024%
303	8.947	8.931	8.983	HH	6441	189838	7.66%	0.090%
304	9.011	8.983	9.027	HH	6719	170357	6.87%	0.081%
305	9.041	9.027	9.047	HH	6554	79971	3.23%	0.038%
306	9.088	9.047	9.132	HH	18514	457812	18.48%	0.217%
307	9.138	9.132	9.152	HH	6614	77455	3.13%	0.037%
308	9.173	9.152	9.191	HH	7195	159303	6.43%	0.076%
309	9.220	9.191	9.234	HH	6919	173581	7.01%	0.082%
310	9.266	9.234	9.298	HH	8761	280847	11.33%	0.133%
311	9.316	9.298	9.341	HH	6790	172545	6.96%	0.082%
312	9.364	9.341	9.371	HH	6782	119018	4.80%	0.056%
313	9.385	9.371	9.412	HH	6900	168963	6.82%	0.080%
314	9.421	9.412	9.427	HH	6719	59155	2.39%	0.028%
315	9.463	9.427	9.493	HH	8464	299187	12.07%	0.142%
316	9.507	9.493	9.523	HH	7825	133207	5.38%	0.063%
317	9.550	9.523	9.567	HH	8311	206706	8.34%	0.098%
318	9.595	9.567	9.612	HH	10840	236429	9.54%	0.112%
319	9.617	9.612	9.634	HH	8231	104663	4.22%	0.050%
320	9.646	9.634	9.674	HH	8720	186569	7.53%	0.089%
321	9.701	9.674	9.742	HH	8999	310341	12.52%	0.147%
322	9.748	9.742	9.754	HH	7363	53897	2.18%	0.026%
323	9.765	9.754	9.769	HH	7414	65811	2.66%	0.031%
324	9.793	9.769	9.806	HH	7841	169761	6.85%	0.081%
325	9.819	9.806	9.831	HH	7949	116520	4.70%	0.055%
326	9.865	9.831	9.913	HH	23810	543861	21.95%	0.258%
327	9.931	9.913	9.958	HH	8331	218458	8.82%	0.104%
328	9.966	9.958	9.980	HH	8270	107651	4.34%	0.051%
329	9.987	9.980	10.013	HH	8023	157625	6.36%	0.075%
330	10.036	10.013	10.041	HH	7876	128868	5.20%	0.061%
331	10.045	10.041	10.054	HH	7889	61615	2.49%	0.029%
332	10.078	10.054	10.084	HH	8003	140838	5.68%	0.067%
333	10.091	10.084	10.105	HH	7930	99564	4.02%	0.047%
334	10.112	10.105	10.119	HH	7872	64658	2.61%	0.031%
335	10.143	10.119	10.163	HH	8062	206263	8.32%	0.098%
336	10.210	10.163	10.225	HH	9450	315348	12.73%	0.150%
337	10.252	10.225	10.284	HH	12268	348472	14.06%	0.165%
338	10.301	10.284	10.324	HH	9489	210744	8.50%	0.100%
339	10.342	10.324	10.374	HH	10097	272108	10.98%	0.129%
340	10.395	10.374	10.421	HH	9955	249022	10.05%	0.118%
341	10.431	10.421	10.444	HH	8430	118556	4.78%	0.056%
342	10.455	10.444	10.459	HH	8381	74017	2.99%	0.035%
343	10.482	10.459	10.489	HH	8663	149138	6.02%	0.071%
344	10.494	10.489	10.499	HH	8643	52973	2.14%	0.025%
345	10.535	10.499	10.554	HH	9432	299429	12.08%	0.142%
346	10.602	10.554	10.636	HH	24418	610096	24.62%	0.289%
347	10.670	10.636	10.698	HH	13069	393979	15.90%	0.187%
348	10.720	10.698	10.753	HH	9502	303252	12.24%	0.144%
349	10.769	10.753	10.779	HH	9004	139174	5.62%	0.066%
350	10.789	10.779	10.794	HH	9055	82968	3.35%	0.039%
351	10.822	10.794	10.840	HH	9498	252555	10.19%	0.120%

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352	10.857	10.840	10.886	HH	9285	251729	10.16%	0.119%
353	10.889	10.886	10.896	HH	9105	54281	2.19%	0.026%
354	10.923	10.896	10.937	HH	10355	243107	9.81%	0.115%
355	10.946	10.937	10.950	HH	10109	76810	3.10%	0.036%
356	10.976	10.950	10.987	HH	11950	248310	10.02%	0.118%
357	10.994	10.987	11.009	HH	11917	151762	6.12%	0.072%
358	11.016	11.009	11.037	HH	11025	179724	7.25%	0.085%
359	11.056	11.037	11.089	HH	11279	322721	13.02%	0.153%
360	11.108	11.089	11.128	HH	10678	230970	9.32%	0.110%
361	11.132	11.128	11.151	HH	9912	135850	5.48%	0.064%
362	11.165	11.151	11.173	HH	9779	126956	5.12%	0.060%
363	11.178	11.173	11.183	HH	9705	62491	2.52%	0.030%
364	11.210	11.183	11.221	HH	9760	216815	8.75%	0.103%
365	11.238	11.221	11.250	HH	9846	171131	6.91%	0.081%
366	11.256	11.250	11.273	HH	9717	129946	5.24%	0.062%
367	11.303	11.273	11.338	HH	20706	490805	19.81%	0.233%
368	11.348	11.338	11.360	HH	10074	128822	5.20%	0.061%
369	11.390	11.360	11.445	HH	12269	534506	21.57%	0.254%
370	11.459	11.445	11.480	HH	9970	206414	8.33%	0.098%
371	11.506	11.480	11.525	HH	10857	275110	11.10%	0.131%
372	11.548	11.525	11.575	HH	12189	327469	13.22%	0.155%
373	11.599	11.575	11.646	HH	10602	433843	17.51%	0.206%
374	11.657	11.646	11.679	HH	10294	202626	8.18%	0.096%
375	11.704	11.679	11.720	HH	11319	257644	10.40%	0.122%
376	11.735	11.720	11.755	HH	10810	219352	8.85%	0.104%
377	11.788	11.755	11.803	HH	10863	306239	12.36%	0.145%
378	11.826	11.803	11.848	HH	11339	291951	11.78%	0.139%
379	11.877	11.848	11.900	HH	11035	334681	13.51%	0.159%
380	11.972	11.900	12.005	HH	14669	735050	29.66%	0.349%
381	12.009	12.005	12.013	HH	10994	50940	2.06%	0.024%
382	12.016	12.013	12.024	HH	10997	67388	2.72%	0.032%
383	12.038	12.024	12.061	HH	11311	245488	9.91%	0.116%
384	12.081	12.061	12.136	HH	20159	599165	24.18%	0.284%
385	12.152	12.136	12.162	HH	10832	167241	6.75%	0.079%
386	12.182	12.162	12.204	HH	10899	265248	10.70%	0.126%
387	12.208	12.204	12.219	HH	10717	100372	4.05%	0.048%
388	12.227	12.219	12.237	HH	10707	113028	4.56%	0.054%
389	12.257	12.237	12.277	HH	11149	265324	10.71%	0.126%
390	12.301	12.277	12.328	HH	12197	346284	13.97%	0.164%
391	12.332	12.328	12.343	HH	11355	101673	4.10%	0.048%
392	12.349	12.343	12.356	HH	11346	90131	3.64%	0.043%
393	12.379	12.356	12.409	HH	11621	362316	14.62%	0.172%
394	12.435	12.409	12.454	HH	11387	300057	12.11%	0.142%
395	12.471	12.454	12.497	HH	11895	289830	11.70%	0.138%
396	12.518	12.497	12.523	HH	11182	172523	6.96%	0.082%
397	12.550	12.523	12.567	HH	11587	300151	12.11%	0.142%
398	12.571	12.567	12.594	HH	11517	187661	7.57%	0.089%
399	12.611	12.594	12.621	HH	12302	191367	7.72%	0.091%
400	12.635	12.621	12.653	HH	12306	226629	9.15%	0.108%
401	12.672	12.653	12.699	HH	12253	330591	13.34%	0.157%
402	12.710	12.699	12.733	HH	11898	238457	9.62%	0.113%
403	12.749	12.733	12.845	HH	25447	1096239	44.24%	0.520%
404	12.861	12.845	12.903	HH	12246	410959	16.58%	0.195%

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405	12.920	12.903	12.927	HH	11936	171896	6.94%	0.082%
406	12.938	12.927	12.954	HH	12101	196652	7.94%	0.093%
407	12.968	12.954	12.994	HH	12544	290832	11.74%	0.138%
408	13.002	12.994	13.014	HH	12041	145297	5.86%	0.069%
409	13.051	13.014	13.123	HH	22651	1027180	41.45%	0.487%
410	13.139	13.123	13.158	HH	13528	280954	11.34%	0.133%
411	13.161	13.158	13.180	HH	13498	172556	6.96%	0.082%
412	13.222	13.180	13.248	HH	14016	537716	21.70%	0.255%
413	13.256	13.248	13.264	HH	12899	128299	5.18%	0.061%
414	13.281	13.264	13.349	HH	13552	650147	26.24%	0.308%
415	13.360	13.349	13.374	HH	12460	186795	7.54%	0.089%
416	13.394	13.374	13.404	HH	12499	223035	9.00%	0.106%
417	13.411	13.404	13.416	HH	12479	87045	3.51%	0.041%
418	13.462	13.416	13.497	HH	13624	626194	25.27%	0.297%
419	13.513	13.497	13.519	HH	12774	171441	6.92%	0.081%
420	13.550	13.519	13.556	HH	13424	291588	11.77%	0.138%
421	13.559	13.556	13.590	HH	13361	263715	10.64%	0.125%
422	13.605	13.590	13.624	HH	12974	259184	10.46%	0.123%
423	13.658	13.624	13.681	HH	13657	452353	18.26%	0.215%
424	13.697	13.681	13.747	HH	13737	532390	21.49%	0.253%
425	13.766	13.747	13.791	HH	16001	372235	15.02%	0.177%
426	13.806	13.791	13.817	HH	13758	210178	8.48%	0.100%
427	13.841	13.817	13.907	HH	14562	735212	29.67%	0.349%
428	13.948	13.907	13.988	HH	13923	650407	26.25%	0.309%
429	13.999	13.988	14.007	HH	13385	148132	5.98%	0.070%
430	14.021	14.007	14.027	HH	13467	164426	6.64%	0.078%
431	14.034	14.027	14.071	HH	13485	348494	14.06%	0.165%
432	14.076	14.071	14.088	HH	13034	135995	5.49%	0.065%
433	14.107	14.088	14.126	HH	13284	292701	11.81%	0.139%
434	14.136	14.126	14.145	HH	13026	147380	5.95%	0.070%
435	14.166	14.145	14.173	HH	13333	220858	8.91%	0.105%
436	14.183	14.173	14.196	HH	13537	186668	7.53%	0.089%
437	14.200	14.196	14.224	HH	13387	227460	9.18%	0.108%
438	14.247	14.224	14.270	HH	13689	372301	15.02%	0.177%
439	14.275	14.270	14.287	HH	13553	134981	5.45%	0.064%
440	14.293	14.287	14.297	HH	13564	83509	3.37%	0.040%
441	14.315	14.297	14.348	HH	14160	418231	16.88%	0.198%
442	14.368	14.348	14.394	HH	15159	399019	16.10%	0.189%
443	14.410	14.394	14.419	HH	14495	213767	8.63%	0.101%
444	14.442	14.419	14.466	HH	15001	406185	16.39%	0.193%
445	14.482	14.466	14.496	HH	15605	271542	10.96%	0.129%
446	14.517	14.496	14.552	HH	15510	509792	20.57%	0.242%
447	14.568	14.552	14.579	HH	14718	234299	9.46%	0.111%
448	14.596	14.579	14.606	HH	15790	244413	9.86%	0.116%
449	14.618	14.606	14.633	HH	15917	254496	10.27%	0.121%
450	14.653	14.633	14.674	HH	16059	387048	15.62%	0.184%
451	14.706	14.674	14.738	HH	186834	2477930	100.00%	1.176%
452	14.749	14.738	14.788	HH	15266	433932	17.51%	0.206%
453	14.810	14.788	14.815	HH	14288	236172	9.53%	0.112%
454	14.836	14.815	14.852	HH	15207	326864	13.19%	0.155%
455	14.871	14.852	14.897	HH	16550	424095	17.11%	0.201%
456	14.905	14.897	14.930	HH	15629	301667	12.17%	0.143%

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457	14.959	14.930	14.977	HH	23511	519910	20.98%	0.247%
458	14.995	14.977	15.065	HH	23624	998537	40.30%	0.474%
459	15.076	15.065	15.109	HH	15642	408988	16.51%	0.194%
460	15.124	15.109	15.171	HH	15663	564437	22.78%	0.268%
461	15.181	15.171	15.210	HH	14992	350669	14.15%	0.166%
462	15.223	15.210	15.234	HH	14577	205603	8.30%	0.098%
463	15.241	15.234	15.247	HH	14681	117076	4.72%	0.056%
464	15.284	15.247	15.291	HH	15185	388547	15.68%	0.184%
465	15.385	15.291	15.404	HH	19959	1215027	49.03%	0.576%
466	15.425	15.404	15.440	HH	21870	442654	17.86%	0.210%
467	15.451	15.440	15.471	HH	19925	351398	14.18%	0.167%
468	15.503	15.471	15.546	HH	21676	833732	33.65%	0.396%
469	15.550	15.546	15.553	HH	16850	72014	2.91%	0.034%
470	15.560	15.553	15.596	HH	16919	426309	17.20%	0.202%
471	15.610	15.596	15.622	HH	16405	259130	10.46%	0.123%
472	15.658	15.622	15.684	HH	17197	615106	24.82%	0.292%
473	15.700	15.684	15.743	HH	16852	578872	23.36%	0.275%
474	15.750	15.743	15.761	HH	16051	173069	6.98%	0.082%
475	15.793	15.761	15.819	HH	17552	590729	23.84%	0.280%
476	15.837	15.819	15.871	HH	16928	510838	20.62%	0.242%
477	15.892	15.871	15.909	HH	16464	373007	15.05%	0.177%
478	15.924	15.909	15.946	HH	17089	362245	14.62%	0.172%
479	15.995	15.946	16.043	HH	17631	952091	38.42%	0.452%
480	16.064	16.043	16.084	HH	16443	392088	15.82%	0.186%
481	16.096	16.084	16.100	HH	15894	151988	6.13%	0.072%
482	16.126	16.100	16.182	HH	16114	783415	31.62%	0.372%
483	16.242	16.182	16.263	HH	17189	788564	31.82%	0.374%
484	16.282	16.263	16.315	HH	16632	522303	21.08%	0.248%
485	16.343	16.315	16.353	HH	16544	368136	14.86%	0.175%
486	16.409	16.353	16.429	HH	21763	863067	34.83%	0.409%
487	16.437	16.429	16.464	HH	18396	380028	15.34%	0.180%
488	16.487	16.464	16.507	HH	19629	471996	19.05%	0.224%
489	16.526	16.507	16.561	HH	34497	859856	34.70%	0.408%
490	16.573	16.561	16.619	HH	23360	738555	29.81%	0.350%
491	16.625	16.619	16.669	HH	18993	554186	22.36%	0.263%
492	16.692	16.669	16.717	HH	19200	526934	21.27%	0.250%
493	16.730	16.717	16.752	HH	19050	383671	15.48%	0.182%
494	16.764	16.752	16.804	HH	17937	555454	22.42%	0.264%
495	16.819	16.804	16.833	HH	17949	301756	12.18%	0.143%
496	16.855	16.833	16.906	HH	27192	997129	40.24%	0.473%
497	16.923	16.906	16.929	HH	24143	313631	12.66%	0.149%
498	16.955	16.929	17.038	HH	26997	1398666	56.44%	0.664%
499	17.062	17.038	17.135	HH	19957	1112185	44.88%	0.528%
500	17.141	17.135	17.153	HH	18399	189644	7.65%	0.090%
501	17.206	17.153	17.223	HH	19367	795103	32.09%	0.377%
502	17.234	17.223	17.249	HH	19275	301539	12.17%	0.143%
503	17.254	17.249	17.261	HH	18798	129870	5.24%	0.062%
504	17.266	17.261	17.280	HH	18789	211704	8.54%	0.100%
505	17.325	17.280	17.354	HH	35133	1038190	41.90%	0.493%
506	17.358	17.354	17.393	HH	20339	458818	18.52%	0.218%
507	17.415	17.393	17.434	HH	21743	519601	20.97%	0.247%
508	17.439	17.434	17.459	HH	20700	299386	12.08%	0.142%
509	17.472	17.459	17.496	HH	20374	454725	18.35%	0.216%

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510	17.508	17.496	17.532	HH	20229	425627	17.18%	0.202%
511	17.547	17.532	17.556	HH	19905	286346	11.56%	0.136%
512	17.561	17.556	17.570	HH	19868	165322	6.67%	0.078%
513	17.580	17.570	17.593	HH	19813	268686	10.84%	0.127%
514	17.620	17.593	17.648	HH	21024	678692	27.39%	0.322%
515	17.658	17.648	17.664	HH	20308	198382	8.01%	0.094%
516	17.669	17.664	17.686	HH	20320	260438	10.51%	0.124%
517	17.725	17.686	17.742	HH	21997	697040	28.13%	0.331%
518	17.761	17.742	17.793	HH	26221	686738	27.71%	0.326%
519	17.815	17.793	17.826	HH	20642	410067	16.55%	0.195%
520	17.855	17.826	17.882	HH	28807	784661	31.67%	0.372%
521	17.894	17.882	17.901	HH	20955	234845	9.48%	0.111%
522	17.917	17.901	17.929	HH	21393	354724	14.32%	0.168%
523	17.951	17.929	17.974	HH	21624	575102	23.21%	0.273%
524	18.007	17.974	18.048	HH	25018	1000644	40.38%	0.475%
525	18.099	18.048	18.127	HH	24641	1092791	44.10%	0.518%
526	18.184	18.127	18.216	HH	42962	1554545	62.74%	0.738%
527	18.229	18.216	18.239	HH	27044	367570	14.83%	0.174%
528	18.254	18.239	18.267	HH	27013	443431	17.90%	0.210%
529	18.286	18.267	18.322	HH	28116	887300	35.81%	0.421%
530	18.345	18.322	18.431	HH	30317	1756401	70.88%	0.833%
531	18.447	18.431	18.454	HH	24857	352494	14.23%	0.167%
532	18.466	18.454	18.476	HH	24619	314840	12.71%	0.149%
533	18.491	18.476	18.517	HH	27164	626802	25.30%	0.297%
534	18.530	18.517	18.547	HH	24833	447505	18.06%	0.212%
535	18.565	18.547	18.571	HH	27687	383164	15.46%	0.182%
536	18.591	18.571	18.652	HH	40208	1472684	59.43%	0.699%
537	18.696	18.652	18.739	HH	32691	1413075	57.03%	0.670%
538	18.762	18.739	18.779	HH	26252	617262	24.91%	0.293%
539	18.799	18.779	18.836	HH	27768	903951	36.48%	0.429%
540	18.846	18.836	18.868	HH	25860	483697	19.52%	0.229%
541	18.886	18.868	18.909	HH	26140	636868	25.70%	0.302%
542	18.921	18.909	18.940	HH	26158	495095	19.98%	0.235%
543	18.991	18.940	19.006	HH	38216	1205152	48.64%	0.572%
544	19.015	19.006	19.042	HH	32896	690075	27.85%	0.327%
545	19.054	19.042	19.066	HH	31212	434507	17.54%	0.206%
546	19.097	19.066	19.120	HH	32619	1039083	41.93%	0.493%
547	19.140	19.120	19.149	HH	32587	563290	22.73%	0.267%
548	19.161	19.149	19.219	HH	32411	1277840	51.57%	0.606%
549	19.242	19.219	19.264	HH	31089	801559	32.35%	0.380%
550	19.277	19.264	19.298	HH	29536	594559	23.99%	0.282%
551	19.320	19.298	19.349	HH	33721	934468	37.71%	0.443%
552	19.375	19.349	19.401	HH	33438	949095	38.30%	0.450%
553	19.414	19.401	19.436	HH	29540	614495	24.80%	0.292%
554	19.471	19.436	19.509	HH	47370	1511247	60.99%	0.717%
555	19.519	19.509	19.553	HH	30203	767409	30.97%	0.364%
556	19.565	19.553	19.576	HH	28989	400331	16.16%	0.190%
557	19.596	19.576	19.619	HH	31628	781643	31.54%	0.371%
558	19.621	19.619	19.636	HH	29614	291813	11.78%	0.138%
559	19.664	19.636	19.690	HH	30816	981920	39.63%	0.466%
560	19.703	19.690	19.718	HH	29511	491726	19.84%	0.233%
561	19.750	19.718	19.771	HH	36962	1022111	41.25%	0.485%

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562	19.790	19.771	19.797	HH	32237	497236	20.07%	0.236%
563	19.804	19.797	19.837	HH	32116	754250	30.44%	0.358%
564	19.850	19.837	19.868	HH	31387	572096	23.09%	0.271%
565	19.884	19.868	19.918	HH	32113	950846	38.37%	0.451%
566	19.933	19.918	19.970	HH	31645	991239	40.00%	0.470%
567	19.988	19.970	19.997	HH	31437	500190	20.19%	0.237%
568	20.010	19.997	20.019	HH	31799	415153	16.75%	0.197%
569	20.056	20.019	20.081	HH	32065	1176722	47.49%	0.558%
570	20.085	20.081	20.092	HH	31663	209541	8.46%	0.099%
571	20.115	20.092	20.137	HH	34440	895175	36.13%	0.425%
572	20.159	20.137	20.182	HH	33363	870121	35.11%	0.413%
573	20.202	20.182	20.207	HH	33030	487882	19.69%	0.231%
574	20.234	20.207	20.262	HH	34556	1107171	44.68%	0.525%
575	20.286	20.262	20.319	HH	36086	1171368	47.27%	0.556%
576	20.366	20.319	20.412	HH	33121	1830136	73.86%	0.868%
577	20.441	20.412	20.456	HH	34511	879498	35.49%	0.417%
578	20.472	20.456	20.504	HH	34918	979629	39.53%	0.465%
579	20.516	20.504	20.533	HH	33916	590425	23.83%	0.280%
580	20.540	20.533	20.553	HH	33674	398248	16.07%	0.189%
581	20.578	20.553	20.605	HH	34276	1067382	43.08%	0.506%
582	20.637	20.605	20.687	HH	35475	1683164	67.93%	0.799%
583	20.701	20.687	20.708	HH	33946	420671	16.98%	0.200%
584	20.713	20.708	20.744	HH	34043	743690	30.01%	0.353%
585	20.756	20.744	20.771	HH	33830	543374	21.93%	0.258%
586	20.801	20.771	20.825	HH	34015	1095501	44.21%	0.520%
587	20.850	20.825	20.875	HH	34728	1014568	40.94%	0.481%
588	20.881	20.875	20.905	HH	33268	599380	24.19%	0.284%
589	20.912	20.905	20.924	HH	32996	370418	14.95%	0.176%
590	20.994	20.924	21.031	HH	33420	2126188	85.81%	1.009%
591	21.037	21.031	21.063	HH	32962	625585	25.25%	0.297%
592	21.066	21.063	21.070	HH	33012	142472	5.75%	0.068%
593	21.074	21.070	21.079	HH	32991	184015	7.43%	0.087%
594	21.085	21.079	21.091	HH	32968	244480	9.87%	0.116%
595	21.098	21.091	21.105	HH	32940	258330	10.43%	0.123%
596	21.175	21.105	21.213	HH	34432	2173796	87.73%	1.031%
597	21.217	21.213	21.223	HH	33269	207879	8.39%	0.099%
598	21.236	21.223	21.251	HH	33355	551513	22.26%	0.262%
599	21.271	21.251	21.291	HH	33983	826285	33.35%	0.392%
600	21.306	21.291	21.326	HH	33720	698453	28.19%	0.331%
601	21.332	21.326	21.339	HH	33244	257841	10.41%	0.122%
602	21.348	21.339	21.361	HH	33245	432443	17.45%	0.205%
603	21.372	21.361	21.376	HH	33176	305476	12.33%	0.145%
604	21.380	21.376	21.395	HH	33115	365128	14.74%	0.173%
605	21.421	21.395	21.465	HH	33354	1392317	56.19%	0.661%
606	21.475	21.465	21.484	HH	33247	381450	15.39%	0.181%
607	21.502	21.484	21.568	HH	33588	1668677	67.34%	0.792%
608	21.576	21.568	21.593	HH	32903	509358	20.56%	0.242%
609	21.599	21.593	21.609	HH	32779	310307	12.52%	0.147%
610	21.614	21.609	21.619	HH	32755	187603	7.57%	0.089%
611	21.625	21.619	21.659	HH	32797	793761	32.03%	0.377%
612	21.666	21.659	21.709	HH	32676	977620	39.45%	0.464%
613	21.720	21.709	21.727	HH	32656	348385	14.06%	0.165%
614	21.746	21.727	21.769	HH	33284	831185	33.54%	0.394%

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615	21.795	21.769	21.838	HH	33537	1368055	55.21%	0.649%
616	21.853	21.838	21.868	HH	32588	594246	23.98%	0.282%
617	21.902	21.868	21.906	HH	32801	732418	29.56%	0.348%
618	21.942	21.906	21.949	HH	33061	860598	34.73%	0.408%
619	21.957	21.949	21.981	HH	33089	622318	25.11%	0.295%
620	21.984	21.981	21.998	HH	32835	331265	13.37%	0.157%
621	22.004	21.998	22.016	HH	32821	362895	14.65%	0.172%
622	22.020	22.016	22.025	HH	32695	168986	6.82%	0.080%
623	22.032	22.025	22.061	HH	32737	705215	28.46%	0.335%
624	22.069	22.061	22.081	HH	32669	391116	15.78%	0.186%
625	22.114	22.081	22.141	HH	32656	1169374	47.19%	0.555%
626	22.162	22.141	22.172	HH	32590	617886	24.94%	0.293%
627	22.180	22.172	22.194	HH	32871	425604	17.18%	0.202%
628	22.199	22.194	22.240	HH	32565	885174	35.72%	0.420%
629	22.299	22.240	22.324	HH	32599	1636162	66.03%	0.776%
630	22.333	22.324	22.344	HH	32412	387760	15.65%	0.184%
631	22.363	22.344	22.371	HH	32584	515812	20.82%	0.245%
632	22.398	22.371	22.406	HH	32584	686632	27.71%	0.326%
633	22.411	22.406	22.443	HH	32724	717368	28.95%	0.340%
634	22.448	22.443	22.461	HH	32354	350513	14.15%	0.166%
635	22.468	22.461	22.477	HH	32333	324657	13.10%	0.154%
636	22.486	22.477	22.492	HH	32427	284013	11.46%	0.135%
637	22.499	22.492	22.511	HH	32460	364479	14.71%	0.173%
638	22.525	22.511	22.529	HH	32672	357283	14.42%	0.170%
639	22.536	22.529	22.575	HH	32912	889825	35.91%	0.422%
640	22.578	22.575	22.585	HH	32320	208925	8.43%	0.099%
641	22.594	22.585	22.647	HH	32461	1191790	48.10%	0.565%
642	22.661	22.647	22.675	HH	32278	541378	21.85%	0.257%
643	22.718	22.675	22.724	HH	32286	950158	38.34%	0.451%
644	22.735	22.724	22.747	HH	32288	443709	17.91%	0.211%
645	22.753	22.747	22.770	HH	32213	437545	17.66%	0.208%
646	22.778	22.770	22.798	HH	32150	538081	21.71%	0.255%
647	22.807	22.798	22.822	HH	32102	468410	18.90%	0.222%
648	22.832	22.822	22.848	HH	32073	490624	19.80%	0.233%
649	22.852	22.848	22.864	HH	32027	316647	12.78%	0.150%
650	22.874	22.864	22.881	HH	31960	320935	12.95%	0.152%
651	22.916	22.881	22.923	HH	32434	802584	32.39%	0.381%
652	22.929	22.923	22.961	HH	32356	735691	29.69%	0.349%
653	22.966	22.961	22.981	HH	32030	379621	15.32%	0.180%
654	22.985	22.981	22.990	HH	31932	187004	7.55%	0.089%
655	23.022	22.990	23.054	HH	32030	1229553	49.62%	0.583%
656	23.062	23.054	23.106	HH	31974	978254	39.48%	0.464%
657	23.110	23.106	23.118	HH	31887	238527	9.63%	0.113%
658	23.121	23.118	23.126	HH	31784	149701	6.04%	0.071%
659	23.131	23.126	23.216	HH	31761	1707185	68.90%	0.810%
660	23.229	23.216	23.237	HH	31561	395994	15.98%	0.188%
661	23.250	23.237	23.261	HH	31636	452778	18.27%	0.215%
662	23.272	23.261	23.288	HH	31563	504149	20.35%	0.239%
663	23.291	23.288	23.306	HH	31595	346516	13.98%	0.164%
664	23.321	23.306	23.330	HH	31565	457474	18.46%	0.217%
665	23.350	23.330	23.361	HH	31488	580654	23.43%	0.275%
666	23.433	23.361	23.463	HH	32072	1950819	78.73%	0.926%

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667	23.471	23.463	23.484	HH	31901	398635	16.09%	0.189%
668	23.489	23.484	23.507	HH	31862	437515	17.66%	0.208%
669	23.523	23.507	23.536	HH	31833	547569	22.10%	0.260%
670	23.560	23.536	23.569	HH	31829	625396	25.24%	0.297%
671	23.575	23.569	23.588	HH	31798	358277	14.46%	0.170%
672	23.636	23.588	23.690	HH	31951	1959908	79.09%	0.930%
673	23.696	23.690	23.706	HH	31546	299377	12.08%	0.142%
674	23.709	23.706	23.754	HH	31551	903748	36.47%	0.429%
675	23.765	23.754	23.769	HH	31563	291981	11.78%	0.139%
676	23.774	23.769	23.784	HH	31566	278817	11.25%	0.132%
677	23.800	23.784	23.826	HH	31598	788103	31.80%	0.374%
678	23.839	23.826	23.844	HH	31621	346796	14.00%	0.165%
679	23.851	23.844	23.861	HH	31624	310360	12.52%	0.147%
680	23.900	23.861	23.907	HH	32035	885437	35.73%	0.420%
681	23.914	23.907	23.936	HH	32058	558617	22.54%	0.265%
682	23.940	23.936	23.946	HH	31730	185299	7.48%	0.088%
683	23.954	23.946	23.964	HH	31802	341468	13.78%	0.162%
684	23.973	23.964	23.981	HH	31657	323289	13.05%	0.153%
685	23.985	23.981	24.004	HH	31659	442329	17.85%	0.210%
686	24.008	24.004	24.013	HH	31609	167930	6.78%	0.080%
687	24.018	24.013	24.020	HH	31691	135847	5.48%	0.064%
688	24.030	24.020	24.034	HH	31747	263172	10.62%	0.125%
689	24.044	24.034	24.049	HH	31842	280050	11.30%	0.133%
690	24.055	24.049	24.103	HH	31833	1035167	41.78%	0.491%
691	24.115	24.103	24.120	HH	31546	311799	12.58%	0.148%
692	24.123	24.120	24.131	HH	31498	211271	8.53%	0.100%
693	24.135	24.131	24.156	HH	31476	466788	18.84%	0.221%
694	24.160	24.156	24.187	HH	31400	593321	23.94%	0.282%
695	24.213	24.187	24.230	HH	31422	811503	32.75%	0.385%
696	24.237	24.230	24.243	HH	31390	246466	9.95%	0.117%
697	24.249	24.243	24.257	HH	31405	252538	10.19%	0.120%
698	24.263	24.257	24.272	HH	31412	293580	11.85%	0.139%
699	24.278	24.272	24.320	HH	31398	902199	36.41%	0.428%
700	24.329	24.320	24.342	HH	31325	400037	16.14%	0.190%
701	24.348	24.342	24.351	HH	31289	177985	7.18%	0.084%
702	24.356	24.351	24.361	HH	31286	179946	7.26%	0.085%
703	24.372	24.361	24.391	HH	31303	555936	22.44%	0.264%
704	24.399	24.391	24.404	HH	31283	247202	9.98%	0.117%
705	24.413	24.404	24.418	HH	31300	258685	10.44%	0.123%
706	24.426	24.418	24.431	HH	31342	244279	9.86%	0.116%
707	24.453	24.431	24.458	HH	31696	527555	21.29%	0.250%
708	24.469	24.458	24.489	HH	31831	586188	23.66%	0.278%
709	24.496	24.489	24.543	HH	31776	1014049	40.92%	0.481%
710	24.553	24.543	24.587	HH	31690	841917	33.98%	0.399%

Sum of corrected areas: 210766596

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