

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE020618\
Data File : FE026147.D
Signal(s) : FID1B.CH
Acq On : 06 Feb 2018 15:22
Sample : J1437-02 50X
Misc :
ALS Vial : 7 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	2.408	2.401	2.423	BH	216	407	0.00%	0.000%
2	2.429	2.423	2.434	PH	29	-196	-0.00%	-0.000%
3	2.436	2.434	2.450	PH	-8	-518	-0.01%	-0.000%
4	2.475	2.450	2.488	PH	109	-99	-0.00%	-0.000%
5	2.502	2.488	2.510	PH	39	-542	-0.01%	-0.000%
6	2.526	2.510	2.541	PH	184	1282	0.01%	0.000%
7	2.548	2.541	2.558	PH	343	1616	0.02%	0.000%
8	2.570	2.558	2.595	HH	219	2782	0.03%	0.000%
9	2.599	2.595	2.603	HH	230	657	0.01%	0.000%
10	2.607	2.603	2.611	PH	251	522	0.01%	0.000%
11	2.620	2.611	2.629	HH	271	1816	0.02%	0.000%
12	2.634	2.629	2.653	HH	197	1372	0.01%	0.000%
13	2.660	2.653	2.674	HH	223	1441	0.01%	0.000%
14	2.684	2.674	2.688	HH	306	1166	0.01%	0.000%
15	2.708	2.688	2.732	HH	788	10644	0.10%	0.002%
16	2.737	2.732	2.746	HH	415	2336	0.02%	0.000%
17	2.752	2.746	2.772	HH	409	3724	0.04%	0.001%
18	2.780	2.772	2.794	HH	346	2541	0.02%	0.000%
19	2.812	2.794	2.826	HH	461	5802	0.06%	0.001%
20	2.832	2.826	2.840	HH	345	2405	0.02%	0.000%
21	2.844	2.840	2.848	HH	443	1486	0.01%	0.000%
22	2.854	2.848	2.861	HH	397	2607	0.03%	0.000%
23	2.869	2.861	2.877	HH	512	3956	0.04%	0.001%
24	2.883	2.877	2.893	HH	505	4103	0.04%	0.001%
25	2.905	2.893	2.914	HH	510	5227	0.05%	0.001%
26	2.917	2.914	2.924	HH	441	2234	0.02%	0.000%
27	2.928	2.924	2.936	HH	458	2464	0.02%	0.000%
28	2.944	2.936	2.950	HH	425	2617	0.03%	0.000%
29	2.958	2.950	2.976	HH	449	6232	0.06%	0.001%
30	2.984	2.976	3.003	HH	521	7205	0.07%	0.001%
31	3.009	3.003	3.014	HH	517	2854	0.03%	0.000%
32	3.024	3.014	3.043	HH	523	7465	0.07%	0.001%
33	3.055	3.043	3.063	HH	583	6305	0.06%	0.001%
34	3.067	3.063	3.071	HH	604	2519	0.02%	0.000%
35	3.076	3.071	3.085	HH	677	4363	0.04%	0.001%
36	3.101	3.085	3.105	HH	735	7019	0.07%	0.001%

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37	3.110	3.105	3.115	HH	770	3747	0.04%	0.001%
38	3.119	3.115	3.131	HH	738	6294	0.06%	0.001%
39	3.144	3.131	3.158	HH	832	10777	0.11%	0.002%
40	3.170	3.158	3.186	HH	799	10769	0.11%	0.002%
41	3.191	3.186	3.197	HH	728	4077	0.04%	0.001%
42	3.204	3.197	3.208	HH	700	4382	0.04%	0.001%
43	3.213	3.208	3.227	HH	740	7009	0.07%	0.001%
44	3.238	3.227	3.246	HH	792	6819	0.07%	0.001%
45	3.252	3.246	3.257	HH	781	4329	0.04%	0.001%
46	3.271	3.257	3.283	HH	891	12027	0.12%	0.002%
47	3.287	3.283	3.295	HH	812	5564	0.05%	0.001%
48	3.302	3.295	3.311	HH	772	6779	0.07%	0.001%
49	3.327	3.311	3.334	HH	783	10173	0.10%	0.001%
50	3.343	3.334	3.350	HH	861	7048	0.07%	0.001%
51	3.354	3.350	3.358	HH	769	3573	0.04%	0.001%
52	3.362	3.358	3.373	HH	876	6372	0.06%	0.001%
53	3.378	3.373	3.384	HH	918	5110	0.05%	0.001%
54	3.387	3.384	3.401	HH	821	8456	0.08%	0.001%
55	3.413	3.401	3.426	HH	942	11640	0.11%	0.002%
56	3.434	3.426	3.440	HH	912	6740	0.07%	0.001%
57	3.450	3.440	3.454	HH	925	7534	0.07%	0.001%
58	3.458	3.454	3.471	HH	1012	9098	0.09%	0.001%
59	3.478	3.471	3.484	HH	1058	7301	0.07%	0.001%
60	3.490	3.484	3.518	HH	1141	18362	0.18%	0.003%
61	3.530	3.518	3.535	HH	1093	9885	0.10%	0.001%
62	3.542	3.535	3.550	HH	1089	8470	0.08%	0.001%
63	3.566	3.550	3.578	HH	1084	16916	0.17%	0.002%
64	3.581	3.578	3.591	HH	1056	7529	0.07%	0.001%
65	3.597	3.591	3.615	HH	1154	15381	0.15%	0.002%
66	3.624	3.615	3.636	HH	1142	13497	0.13%	0.002%
67	3.640	3.636	3.646	HH	1213	6635	0.07%	0.001%
68	3.653	3.646	3.663	HH	1178	11254	0.11%	0.002%
69	3.677	3.663	3.685	HH	1254	14708	0.14%	0.002%
70	3.689	3.685	3.694	HH	1244	6166	0.06%	0.001%
71	3.700	3.694	3.712	HH	1189	12143	0.12%	0.002%
72	3.731	3.712	3.740	HH	1330	20234	0.20%	0.003%
73	3.756	3.740	3.762	HH	1401	16121	0.16%	0.002%
74	3.777	3.762	3.789	HH	1437	19802	0.19%	0.003%
75	3.799	3.789	3.804	HH	1341	11319	0.11%	0.002%
76	3.811	3.804	3.818	HH	1356	10779	0.11%	0.002%
77	3.832	3.818	3.837	HH	1436	14696	0.14%	0.002%
78	3.842	3.837	3.851	HH	1369	11018	0.11%	0.002%
79	3.856	3.851	3.863	HH	1355	9624	0.09%	0.001%
80	3.869	3.863	3.875	HH	1346	8745	0.09%	0.001%
81	3.879	3.875	3.887	HH	1399	9546	0.09%	0.001%
82	3.898	3.887	3.907	HH	1446	16143	0.16%	0.002%
83	3.912	3.907	3.919	HH	1459	10344	0.10%	0.002%
84	3.925	3.919	3.931	HH	1486	9818	0.10%	0.001%
85	3.937	3.931	3.946	HH	1396	12179	0.12%	0.002%
86	3.952	3.946	3.958	HH	1492	10690	0.10%	0.002%
87	3.971	3.958	3.987	HH	1583	25619	0.25%	0.004%
88	3.990	3.987	3.994	HH	1582	6501	0.06%	0.001%
89	4.003	3.994	4.009	HH	1638	14049	0.14%	0.002%

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90	4.017	4.009	4.023	HH	1684	12162	0.12%	0.002%
91	4.035	4.023	4.053	HH	1679	27339	0.27%	0.004%
92	4.057	4.053	4.078	HH	1670	23664	0.23%	0.003%
93	4.081	4.078	4.088	HH	1564	9468	0.09%	0.001%
94	4.113	4.088	4.132	HH	1713	40809	0.40%	0.006%
95	4.142	4.132	4.146	HH	1736	14307	0.14%	0.002%
96	4.152	4.146	4.162	HH	1717	14853	0.15%	0.002%
97	4.180	4.162	4.188	HH	1819	26075	0.26%	0.004%
98	4.194	4.188	4.215	HH	1872	27634	0.27%	0.004%
99	4.221	4.215	4.233	HH	1779	18807	0.18%	0.003%
100	4.238	4.233	4.246	HH	1821	13336	0.13%	0.002%
101	4.259	4.246	4.264	HH	1853	18291	0.18%	0.003%
102	4.272	4.264	4.281	HH	1820	17960	0.18%	0.003%
103	4.286	4.281	4.298	HH	1896	18564	0.18%	0.003%
104	4.306	4.298	4.315	HH	2031	18466	0.18%	0.003%
105	4.320	4.315	4.330	HH	1883	15992	0.16%	0.002%
106	4.337	4.330	4.344	HH	1997	16320	0.16%	0.002%
107	4.349	4.344	4.353	HH	1958	9539	0.09%	0.001%
108	4.363	4.353	4.370	HH	2035	20396	0.20%	0.003%
109	4.379	4.370	4.393	HH	2032	26153	0.26%	0.004%
110	4.399	4.393	4.406	HH	1989	15339	0.15%	0.002%
111	4.411	4.406	4.423	HH	1963	19179	0.19%	0.003%
112	4.431	4.423	4.438	HH	2071	18101	0.18%	0.003%
113	4.443	4.438	4.447	HH	2187	11506	0.11%	0.002%
114	4.455	4.447	4.460	HH	2187	16890	0.17%	0.002%
115	4.469	4.460	4.479	HH	2117	23342	0.23%	0.003%
116	4.483	4.479	4.489	HH	2118	12281	0.12%	0.002%
117	4.493	4.489	4.511	HH	2139	26655	0.26%	0.004%
118	4.520	4.511	4.529	HH	2181	23443	0.23%	0.003%
119	4.533	4.529	4.553	HH	2307	31557	0.31%	0.005%
120	4.562	4.553	4.568	HH	2232	18765	0.18%	0.003%
121	4.572	4.568	4.578	HH	2217	13250	0.13%	0.002%
122	4.587	4.578	4.603	HH	2381	35367	0.35%	0.005%
123	4.608	4.603	4.612	HH	2342	12456	0.12%	0.002%
124	4.625	4.612	4.636	HH	2293	31085	0.30%	0.005%
125	4.641	4.636	4.647	HH	2319	15461	0.15%	0.002%
126	4.663	4.647	4.673	HH	2416	35648	0.35%	0.005%
127	4.679	4.673	4.688	HH	2381	19655	0.19%	0.003%
128	4.694	4.688	4.700	HH	2350	17346	0.17%	0.003%
129	4.704	4.700	4.711	HH	2325	14867	0.15%	0.002%
130	4.718	4.711	4.722	HH	2427	15536	0.15%	0.002%
131	4.733	4.722	4.743	HH	2414	29787	0.29%	0.004%
132	4.749	4.743	4.770	HH	2514	37845	0.37%	0.006%
133	4.777	4.770	4.798	HH	2411	38865	0.38%	0.006%
134	4.801	4.798	4.812	HH	2469	20656	0.20%	0.003%
135	4.830	4.812	4.839	HH	2491	39529	0.39%	0.006%
136	4.845	4.839	4.853	HH	2470	20152	0.20%	0.003%
137	4.862	4.853	4.875	HH	2440	30883	0.30%	0.004%
138	4.899	4.875	4.912	HH	2660	55030	0.54%	0.008%
139	4.920	4.912	4.925	HH	2532	19143	0.19%	0.003%
140	4.934	4.925	4.941	HH	2633	24920	0.24%	0.004%
141	4.954	4.941	4.966	HH	2616	38146	0.37%	0.006%

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142	4.976	4.966	4.981	HH	2600	21664	0.21%	0.003%
143	4.987	4.981	4.993	HH	2582	18816	0.18%	0.003%
144	5.001	4.993	5.019	HH	2629	37946	0.37%	0.006%
145	5.034	5.019	5.063	HH	2733	67744	0.66%	0.010%
146	5.069	5.063	5.076	HH	2643	19369	0.19%	0.003%
147	5.078	5.076	5.103	HH	2653	41342	0.41%	0.006%
148	5.117	5.103	5.122	HH	2764	29958	0.29%	0.004%
149	5.128	5.122	5.137	HH	2808	23501	0.23%	0.003%
150	5.146	5.137	5.150	HH	2739	21366	0.21%	0.003%
151	5.166	5.150	5.171	HH	2861	34939	0.34%	0.005%
152	5.191	5.171	5.198	HH	2943	44015	0.43%	0.006%
153	5.211	5.198	5.225	HH	2839	44921	0.44%	0.007%
154	5.232	5.225	5.242	HH	2743	26913	0.26%	0.004%
155	5.247	5.242	5.251	HH	2729	14257	0.14%	0.002%
156	5.262	5.251	5.266	HH	2884	26257	0.26%	0.004%
157	5.274	5.266	5.285	HH	2883	32059	0.31%	0.005%
158	5.296	5.285	5.302	HH	2952	27676	0.27%	0.004%
159	5.337	5.302	5.341	HH	2980	67059	0.66%	0.010%
160	5.365	5.341	5.370	HH	2989	50353	0.49%	0.007%
161	5.374	5.370	5.392	HH	3089	39397	0.39%	0.006%
162	5.407	5.392	5.412	HH	3100	36011	0.35%	0.005%
163	5.424	5.412	5.432	HH	3109	36280	0.36%	0.005%
164	5.441	5.432	5.454	HH	3105	39333	0.39%	0.006%
165	5.461	5.454	5.468	HH	3103	25339	0.25%	0.004%
166	5.477	5.468	5.483	HH	3173	28095	0.28%	0.004%
167	5.496	5.483	5.508	HH	3211	48171	0.47%	0.007%
168	5.513	5.508	5.522	HH	3102	24104	0.24%	0.004%
169	5.528	5.522	5.535	HH	3108	25067	0.25%	0.004%
170	5.537	5.535	5.543	HH	3191	15561	0.15%	0.002%
171	5.548	5.543	5.554	HH	3209	20511	0.20%	0.003%
172	5.565	5.554	5.576	HH	3320	42017	0.41%	0.006%
173	5.580	5.576	5.592	HH	3215	30911	0.30%	0.005%
174	5.611	5.592	5.638	HH	3286	86042	0.84%	0.013%
175	5.669	5.638	5.675	HH	3376	73547	0.72%	0.011%
176	5.685	5.675	5.692	HH	3293	31708	0.31%	0.005%
177	5.697	5.692	5.705	HH	3380	26385	0.26%	0.004%
178	5.711	5.705	5.717	HH	3389	24312	0.24%	0.004%
179	5.722	5.717	5.730	HH	3374	25979	0.25%	0.004%
180	5.737	5.730	5.747	HH	3358	32658	0.32%	0.005%
181	5.767	5.747	5.790	HH	3435	87590	0.86%	0.013%
182	5.798	5.790	5.808	HH	3476	35395	0.35%	0.005%
183	5.814	5.808	5.820	HH	3457	25407	0.25%	0.004%
184	5.828	5.820	5.832	HH	3519	24492	0.24%	0.004%
185	5.836	5.832	5.839	HH	3460	13904	0.14%	0.002%
186	5.845	5.839	5.854	HH	3500	30758	0.30%	0.004%
187	5.870	5.854	5.877	HH	3506	46684	0.46%	0.007%
188	5.883	5.877	5.904	HH	3530	56000	0.55%	0.008%
189	5.910	5.904	5.917	HH	3679	28956	0.28%	0.004%
190	5.924	5.917	5.934	HH	3594	34244	0.34%	0.005%
191	5.943	5.934	5.955	HH	3667	45930	0.45%	0.007%
192	5.965	5.955	5.978	HH	3705	48566	0.48%	0.007%
193	5.991	5.978	6.000	HH	3775	48353	0.47%	0.007%
194	6.007	6.000	6.017	HH	3794	36965	0.36%	0.005%

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195	6.026	6.017	6.038	HH	3793	47053	0.46%	0.007%
196	6.044	6.038	6.061	HH	3934	52279	0.51%	0.008%
197	6.067	6.061	6.072	HH	3868	25297	0.25%	0.004%
198	6.082	6.072	6.095	HH	3957	53191	0.52%	0.008%
199	6.101	6.095	6.115	HH	3814	45092	0.44%	0.007%
200	6.137	6.115	6.156	HH	3946	93968	0.92%	0.014%
201	6.166	6.156	6.172	HH	3969	36654	0.36%	0.005%
202	6.182	6.172	6.187	HH	3989	35268	0.35%	0.005%
203	6.194	6.187	6.211	HH	4057	57606	0.56%	0.008%
204	6.219	6.211	6.241	HH	4149	72552	0.71%	0.011%
205	6.249	6.241	6.274	HH	4120	78422	0.77%	0.011%
206	6.283	6.274	6.292	HH	4059	44443	0.44%	0.006%
207	6.328	6.292	6.350	HH	4158	139282	1.37%	0.020%
208	6.355	6.350	6.362	HH	4137	28909	0.28%	0.004%
209	6.366	6.362	6.370	HH	4222	19029	0.19%	0.003%
210	6.388	6.370	6.400	HH	4187	75547	0.74%	0.011%
211	6.405	6.400	6.422	HH	4175	53223	0.52%	0.008%
212	6.436	6.422	6.444	HH	4133	52921	0.52%	0.008%
213	6.463	6.444	6.470	HH	4224	66535	0.65%	0.010%
214	6.490	6.470	6.498	HH	4338	70568	0.69%	0.010%
215	6.509	6.498	6.520	HH	4382	54949	0.54%	0.008%
216	6.535	6.520	6.558	HH	4451	99479	0.98%	0.014%
217	6.563	6.558	6.569	HH	4262	26327	0.26%	0.004%
218	6.580	6.569	6.594	HH	4329	64394	0.63%	0.009%
219	6.604	6.594	6.609	HH	4407	38639	0.38%	0.006%
220	6.625	6.609	6.652	HH	4463	112732	1.11%	0.016%
221	6.678	6.652	6.685	HH	4536	87966	0.86%	0.013%
222	6.690	6.685	6.709	HH	4617	65466	0.64%	0.010%
223	6.714	6.709	6.725	HH	4550	41976	0.41%	0.006%
224	6.737	6.725	6.752	HH	4619	73154	0.72%	0.011%
225	6.779	6.752	6.791	HH	4773	109502	1.07%	0.016%
226	6.794	6.791	6.800	HH	4725	23899	0.23%	0.003%
227	6.805	6.800	6.817	HH	4774	47638	0.47%	0.007%
228	6.822	6.817	6.832	HH	4755	43772	0.43%	0.006%
229	6.860	6.832	6.879	HH	4850	132801	1.30%	0.019%
230	6.902	6.879	6.909	HH	4992	87273	0.86%	0.013%
231	6.934	6.909	6.942	HH	5008	99141	0.97%	0.014%
232	6.963	6.942	6.972	HH	5163	88761	0.87%	0.013%
233	6.978	6.972	6.989	HH	5145	51951	0.51%	0.008%
234	7.007	6.989	7.012	HH	5298	70696	0.69%	0.010%
235	7.038	7.012	7.056	HH	5458	141435	1.39%	0.021%
236	7.060	7.056	7.064	HH	5295	23875	0.23%	0.003%
237	7.083	7.064	7.098	HH	5464	111131	1.09%	0.016%
238	7.112	7.098	7.119	HH	5663	70543	0.69%	0.010%
239	7.123	7.119	7.132	HH	5507	39821	0.39%	0.006%
240	7.164	7.132	7.175	HH	5790	144372	1.42%	0.021%
241	7.185	7.175	7.191	HH	5674	54862	0.54%	0.008%
242	7.230	7.191	7.242	HH	6229	178674	1.75%	0.026%
243	7.254	7.242	7.259	HH	5978	60179	0.59%	0.009%
244	7.266	7.259	7.279	HH	6081	72895	0.71%	0.011%
245	7.315	7.279	7.324	HH	6479	165593	1.62%	0.024%
246	7.331	7.324	7.348	HH	6331	90108	0.88%	0.013%

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247	7.355	7.348	7.374	HH	6406	95877	0.94%	0.014%
248	7.389	7.374	7.413	HH	6835	156833	1.54%	0.023%
249	7.450	7.413	7.480	HH	7169	274712	2.69%	0.040%
250	7.492	7.480	7.513	HH	7092	136899	1.34%	0.020%
251	7.526	7.513	7.531	HH	7307	76345	0.75%	0.011%
252	7.564	7.531	7.579	HH	7782	211149	2.07%	0.031%
253	7.624	7.579	7.655	HH	8578	369186	3.62%	0.054%
254	7.666	7.655	7.674	HH	8251	90702	0.89%	0.013%
255	7.679	7.674	7.699	HH	8262	122043	1.20%	0.018%
256	7.728	7.699	7.746	HH	9634	256337	2.51%	0.037%
257	7.770	7.746	7.782	HH	9521	198300	1.94%	0.029%
258	7.831	7.782	7.846	HH	11641	398686	3.91%	0.058%
259	7.864	7.846	7.879	HH	12865	236110	2.32%	0.034%
260	7.884	7.879	7.887	HH	11254	55592	0.55%	0.008%
261	7.918	7.887	7.927	HH	11757	271135	2.66%	0.039%
262	7.948	7.927	7.978	HH	12077	365212	3.58%	0.053%
263	8.010	7.978	8.024	HH	13327	346784	3.40%	0.050%
264	8.039	8.024	8.054	HH	13742	239071	2.34%	0.035%
265	8.070	8.054	8.087	HH	13921	272216	2.67%	0.040%
266	8.110	8.087	8.149	HH	16378	561713	5.51%	0.082%
267	8.177	8.149	8.194	HH	19525	453104	4.44%	0.066%
268	8.210	8.194	8.215	HH	16524	202594	1.99%	0.029%
269	8.249	8.215	8.262	HH	18414	490009	4.81%	0.071%
270	8.304	8.262	8.324	HH	23658	766127	7.51%	0.112%
271	8.354	8.324	8.364	HH	23880	507695	4.98%	0.074%
272	8.380	8.364	8.390	HH	22663	344017	3.37%	0.050%
273	8.399	8.390	8.422	HH	22893	434389	4.26%	0.063%
274	8.462	8.422	8.475	HH	29197	792915	7.78%	0.115%
275	8.485	8.475	8.495	HH	26896	325327	3.19%	0.047%
276	8.542	8.495	8.566	HH	34865	1268536	12.44%	0.185%
277	8.570	8.566	8.601	HH	29608	607296	5.96%	0.088%
278	8.605	8.601	8.617	HH	28848	275535	2.70%	0.040%
279	8.636	8.617	8.643	HH	29881	441690	4.33%	0.064%
280	8.656	8.643	8.667	HH	32343	452454	4.44%	0.066%
281	8.692	8.667	8.716	HH	36311	1014805	9.95%	0.148%
282	8.756	8.716	8.773	HH	46980	1339303	13.13%	0.195%
283	8.796	8.773	8.809	HH	46192	912063	8.94%	0.133%
284	8.828	8.809	8.856	HH	56833	1386597	13.60%	0.202%
285	8.869	8.856	8.883	HH	44867	723129	7.09%	0.105%
286	8.914	8.883	8.921	HH	58335	1152870	11.31%	0.168%
287	8.929	8.921	8.947	HH	60117	896448	8.79%	0.131%
288	8.986	8.947	9.014	HH	59039	2240760	21.98%	0.326%
289	9.044	9.014	9.059	HH	62121	1636172	16.05%	0.238%
290	9.073	9.059	9.094	HH	62688	1238842	12.15%	0.180%
291	9.109	9.094	9.129	HH	63423	1274651	12.50%	0.186%
292	9.144	9.129	9.156	HH	67203	1054400	10.34%	0.154%
293	9.174	9.156	9.188	HH	71329	1327121	13.02%	0.193%
294	9.219	9.188	9.239	HH	75860	2205220	21.63%	0.321%
295	9.259	9.239	9.273	HH	81257	1567494	15.37%	0.228%
296	9.283	9.273	9.296	HH	77991	1062452	10.42%	0.155%
297	9.305	9.296	9.312	HH	77838	733923	7.20%	0.107%
298	9.333	9.312	9.348	HH	99950	1904666	18.68%	0.277%
299	9.364	9.348	9.379	HH	99758	1724812	16.92%	0.251%

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300	9.385	9.379	9.400	HH	92194	1132326	11.10%	0.165%
301	9.433	9.400	9.446	HH	97231	2583205	25.33%	0.376%
302	9.471	9.446	9.484	HH	113218	2348459	23.03%	0.342%
303	9.493	9.484	9.500	HH	104510	1021915	10.02%	0.149%
304	9.517	9.500	9.550	HH	135207	3345230	32.81%	0.487%
305	9.585	9.550	9.608	HH	120998	3889165	38.14%	0.566%
306	9.626	9.608	9.644	HH	120319	2566448	25.17%	0.374%
307	9.699	9.644	9.713	HH	130179	5199597	50.99%	0.757%
308	9.749	9.713	9.781	HH	147793	5515280	54.09%	0.803%
309	9.827	9.781	9.840	HH	152358	5109314	50.11%	0.744%
310	9.871	9.840	9.895	HH	159325	5005086	49.09%	0.729%
311	9.919	9.895	9.932	HH	156601	3297887	32.34%	0.480%
312	9.960	9.932	9.974	HH	164628	3923293	38.48%	0.571%
313	10.003	9.974	10.024	HH	167308	4878295	47.84%	0.710%
314	10.039	10.024	10.052	HH	162620	2737439	26.85%	0.399%
315	10.107	10.052	10.125	HH	181446	7548549	74.03%	1.099%
316	10.144	10.125	10.151	HH	188997	2752076	26.99%	0.401%
317	10.157	10.151	10.172	HH	188998	2309541	22.65%	0.336%
318	10.182	10.172	10.195	HH	193927	2701221	26.49%	0.393%
319	10.206	10.195	10.220	HH	192694	2836794	27.82%	0.413%
320	10.246	10.220	10.250	HH	197746	3412444	33.47%	0.497%
321	10.265	10.250	10.277	HH	202793	3252813	31.90%	0.474%
322	10.305	10.277	10.327	HH	217181	6124492	60.06%	0.892%
323	10.332	10.327	10.337	HH	199435	1216037	11.93%	0.177%
324	10.366	10.337	10.380	HH	219150	5423864	53.19%	0.790%
325	10.400	10.380	10.412	HH	213278	4008239	39.31%	0.584%
326	10.418	10.412	10.429	HH	207466	2106383	20.66%	0.307%
327	10.447	10.429	10.469	HH	261113	5616926	55.09%	0.818%
328	10.484	10.469	10.490	HH	219048	2807836	27.54%	0.409%
329	10.513	10.490	10.518	HH	221237	3633388	35.63%	0.529%
330	10.531	10.518	10.540	HH	226821	3023143	29.65%	0.440%
331	10.559	10.540	10.599	HH	248047	7952440	77.99%	1.158%
332	10.646	10.599	10.674	HH	236625	10196741	100.00%	1.484%
333	10.715	10.674	10.734	HH	249882	8681703	85.14%	1.264%
334	10.757	10.734	10.772	HH	251305	5557979	54.51%	0.809%
335	10.792	10.772	10.805	HH	264231	4911555	48.17%	0.715%
336	10.813	10.805	10.830	HH	242757	3670349	36.00%	0.534%
337	10.848	10.830	10.865	HH	246608	4882600	47.88%	0.711%
338	10.887	10.865	10.907	HH	271184	6477162	63.52%	0.943%
339	10.921	10.907	10.948	HH	267466	6291744	61.70%	0.916%
340	10.972	10.948	11.008	HH	253285	8733189	85.65%	1.271%
341	11.028	11.008	11.037	HH	241102	4115030	40.36%	0.599%
342	11.061	11.037	11.066	HH	254410	4318372	42.35%	0.629%
343	11.071	11.066	11.113	HH	254598	6893547	67.61%	1.004%
344	11.124	11.113	11.146	HH	245270	4879377	47.85%	0.710%
345	11.168	11.146	11.188	HH	254432	6236723	61.16%	0.908%
346	11.197	11.188	11.211	HH	250656	3372588	33.08%	0.491%
347	11.235	11.211	11.269	HH	260147	8517331	83.53%	1.240%
348	11.287	11.269	11.321	HH	260122	7852230	77.01%	1.143%
349	11.326	11.321	11.341	HH	250713	2951802	28.95%	0.430%
350	11.357	11.341	11.367	HH	255810	3871114	37.96%	0.564%
351	11.372	11.367	11.396	HH	249933	4275373	41.93%	0.622%

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352	11.439	11.396	11.460	HH	250525	9055821	88.81%	1.318%
353	11.466	11.460	11.468	HH	229739	1165305	11.43%	0.170%
354	11.481	11.468	11.498	HH	248293	4271178	41.89%	0.622%
355	11.516	11.498	11.537	HH	246821	5492824	53.87%	0.800%
356	11.542	11.537	11.560	HH	227745	3098715	30.39%	0.451%
357	11.580	11.560	11.619	HH	239828	8062968	79.07%	1.174%
358	11.639	11.619	11.643	HH	241266	3468818	34.02%	0.505%
359	11.650	11.643	11.688	HH	244325	6207582	60.88%	0.904%
360	11.698	11.688	11.706	HH	221251	2300433	22.56%	0.335%
361	11.711	11.706	11.714	HH	218708	1065145	10.45%	0.155%
362	11.722	11.714	11.746	HH	221303	4119062	40.40%	0.600%
363	11.759	11.746	11.767	HH	218087	2726354	26.74%	0.397%
364	11.776	11.767	11.781	HH	217920	1782840	17.48%	0.260%
365	11.823	11.781	11.841	HH	277481	8631002	84.64%	1.257%
366	11.857	11.841	11.873	HH	246916	4367882	42.84%	0.636%
367	11.879	11.873	11.885	HH	220668	1667276	16.35%	0.243%
368	11.886	11.885	11.923	HH	219942	4681104	45.91%	0.681%
369	11.945	11.923	11.951	HH	208425	3461278	33.94%	0.504%
370	11.956	11.951	11.962	HH	205493	1344052	13.18%	0.196%
371	11.973	11.962	11.982	HH	207562	2409478	23.63%	0.351%
372	11.988	11.982	12.012	HH	206827	3661734	35.91%	0.533%
373	12.034	12.012	12.074	HH	213474	7446893	73.03%	1.084%
374	12.094	12.074	12.140	HH	197471	7701963	75.53%	1.121%
375	12.146	12.140	12.192	HH	194314	5734954	56.24%	0.835%
376	12.199	12.192	12.204	HH	180014	1320768	12.95%	0.192%
377	12.218	12.204	12.233	HH	183430	3147794	30.87%	0.458%
378	12.250	12.233	12.265	HH	182796	3447384	33.81%	0.502%
379	12.277	12.265	12.282	HH	174832	1700175	16.67%	0.248%
380	12.301	12.282	12.306	HH	177967	2572812	25.23%	0.375%
381	12.319	12.306	12.365	HH	190843	6199724	60.80%	0.903%
382	12.370	12.365	12.376	HH	161218	1070327	10.50%	0.156%
383	12.398	12.376	12.412	HH	165846	3529545	34.61%	0.514%
384	12.424	12.412	12.469	HH	164075	5381987	52.78%	0.784%
385	12.474	12.469	12.492	HH	152398	2082777	20.43%	0.303%
386	12.496	12.492	12.500	HH	151958	722054	7.08%	0.105%
387	12.514	12.500	12.545	HH	155461	4076694	39.98%	0.594%
388	12.551	12.545	12.557	HH	142842	993882	9.75%	0.145%
389	12.571	12.557	12.575	HH	143374	1549248	15.19%	0.226%
390	12.591	12.575	12.595	HH	144290	1699378	16.67%	0.247%
391	12.605	12.595	12.620	HH	145898	2124037	20.83%	0.309%
392	12.626	12.620	12.657	HH	141867	3110399	30.50%	0.453%
393	12.663	12.657	12.665	HH	135611	603681	5.92%	0.088%
394	12.670	12.665	12.688	HH	137175	1894298	18.58%	0.276%
395	12.706	12.688	12.730	HH	134677	3263341	32.00%	0.475%
396	12.743	12.730	12.764	HH	131787	2644732	25.94%	0.385%
397	12.778	12.764	12.810	HH	137534	3550052	34.82%	0.517%
398	12.815	12.810	12.840	HH	119433	2160583	21.19%	0.315%
399	12.843	12.840	12.848	HH	113668	517511	5.08%	0.075%
400	12.866	12.848	12.901	HH	117856	3683301	36.12%	0.536%
401	12.909	12.901	12.942	HH	114152	2715416	26.63%	0.395%
402	12.948	12.942	12.952	HH	108480	645073	6.33%	0.094%
403	12.956	12.952	13.010	HH	107502	3593067	35.24%	0.523%
404	13.013	13.010	13.032	HH	101203	1347923	13.22%	0.196%

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405	13.062	13.032	13.076	HH	104061	2632878	25.82%	0.383%
406	13.081	13.076	13.097	HH	98283	1248370	12.24%	0.182%
407	13.105	13.097	13.119	HH	95077	1245014	12.21%	0.181%
408	13.124	13.119	13.139	HH	94956	1123335	11.02%	0.164%
409	13.143	13.139	13.156	HH	92574	896350	8.79%	0.130%
410	13.171	13.156	13.195	HH	97470	2177635	21.36%	0.317%
411	13.203	13.195	13.216	HH	90407	1139536	11.18%	0.166%
412	13.221	13.216	13.227	HH	87227	545414	5.35%	0.079%
413	13.234	13.227	13.255	HH	87695	1441545	14.14%	0.210%
414	13.269	13.255	13.295	HH	86209	2049935	20.10%	0.298%
415	13.309	13.295	13.325	HH	85590	1495536	14.67%	0.218%
416	13.346	13.325	13.385	HH	81180	2770256	27.17%	0.403%
417	13.392	13.385	13.400	HH	75483	674811	6.62%	0.098%
418	13.410	13.400	13.451	HH	78058	2316911	22.72%	0.337%
419	13.456	13.451	13.464	HH	71953	525587	5.15%	0.077%
420	13.469	13.464	13.506	HH	71154	1770515	17.36%	0.258%
421	13.524	13.506	13.552	HH	68318	1848367	18.13%	0.269%
422	13.558	13.552	13.626	HH	66882	2814082	27.60%	0.410%
423	13.635	13.626	13.645	HH	60719	712484	6.99%	0.104%
424	13.662	13.645	13.669	HH	61453	863207	8.47%	0.126%
425	13.672	13.669	13.686	HH	60781	604856	5.93%	0.088%
426	13.711	13.686	13.737	HH	63244	1823357	17.88%	0.265%
427	13.752	13.737	13.765	HH	57389	965258	9.47%	0.141%
428	13.770	13.765	13.796	HH	57008	999969	9.81%	0.146%
429	13.801	13.796	13.812	HH	54736	545590	5.35%	0.079%
430	13.817	13.812	13.835	HH	54357	716987	7.03%	0.104%
431	13.856	13.835	13.874	HH	55658	1258646	12.34%	0.183%
432	13.878	13.874	13.924	HH	51386	1508758	14.80%	0.220%
433	13.926	13.924	13.933	HH	49350	281176	2.76%	0.041%
434	13.939	13.933	13.947	HH	48759	409012	4.01%	0.060%
435	13.966	13.947	13.970	HH	48541	663173	6.50%	0.097%
436	13.985	13.970	14.008	HH	49101	1087207	10.66%	0.158%
437	14.034	14.008	14.055	HH	47207	1278833	12.54%	0.186%
438	14.067	14.055	14.099	HH	45115	1154278	11.32%	0.168%
439	14.110	14.099	14.132	HH	42809	851339	8.35%	0.124%
440	14.139	14.132	14.150	HH	42241	462272	4.53%	0.067%
441	14.155	14.150	14.162	HH	41706	290572	2.85%	0.042%
442	14.167	14.162	14.187	HH	42262	613870	6.02%	0.089%
443	14.203	14.187	14.228	HH	40926	991386	9.72%	0.144%
444	14.236	14.228	14.266	HH	39796	882803	8.66%	0.129%
445	14.270	14.266	14.291	HH	38809	562074	5.51%	0.082%
446	14.297	14.291	14.303	HH	37481	270537	2.65%	0.039%
447	14.307	14.303	14.337	HH	37261	743871	7.30%	0.108%
448	14.358	14.337	14.412	HH	37863	1615667	15.84%	0.235%
449	14.421	14.412	14.464	HH	34694	1058827	10.38%	0.154%
450	14.476	14.464	14.514	HH	33663	997253	9.78%	0.145%
451	14.522	14.514	14.547	HH	32388	628710	6.17%	0.092%
452	14.552	14.547	14.626	HH	31747	1441150	14.13%	0.210%
453	14.629	14.626	14.640	HH	29765	258242	2.53%	0.038%
454	14.665	14.640	14.715	HH	30350	1304067	12.79%	0.190%
455	14.737	14.715	14.773	HH	35100	1045214	10.25%	0.152%
456	14.784	14.773	14.862	HH	27228	1416381	13.89%	0.206%

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457	14.873	14.862	14.885	HH	26065	361575	3.55%	0.053%
458	14.890	14.885	14.915	HH	25896	460915	4.52%	0.067%
459	14.936	14.915	14.970	HH	25951	830580	8.15%	0.121%
460	14.975	14.970	15.038	HH	24744	979116	9.60%	0.143%
461	15.042	15.038	15.062	HH	23840	344231	3.38%	0.050%
462	15.068	15.062	15.097	HH	23372	481632	4.72%	0.070%
463	15.115	15.097	15.124	HH	23291	379054	3.72%	0.055%
464	15.128	15.124	15.145	HH	22998	294221	2.89%	0.043%
465	15.151	15.145	15.175	HH	22743	400371	3.93%	0.058%
466	15.185	15.175	15.245	HH	22462	932219	9.14%	0.136%
467	15.249	15.245	15.259	HH	21835	173631	1.70%	0.025%
468	15.272	15.259	15.295	HH	21759	471132	4.62%	0.069%
469	15.300	15.295	15.320	HH	21333	311173	3.05%	0.045%
470	15.327	15.320	15.334	HH	21135	176577	1.73%	0.026%
471	15.346	15.334	15.371	HH	21503	470438	4.61%	0.068%
472	15.377	15.371	15.400	HH	21166	375025	3.68%	0.055%
473	15.418	15.400	15.448	HH	21265	597068	5.86%	0.087%
474	15.457	15.448	15.471	HH	20708	281398	2.76%	0.041%
475	15.485	15.471	15.510	HH	20648	475528	4.66%	0.069%
476	15.536	15.510	15.587	HH	20978	923401	9.06%	0.134%
477	15.590	15.587	15.621	HH	19619	403842	3.96%	0.059%
478	15.626	15.621	15.633	HH	19440	135480	1.33%	0.020%
479	15.641	15.633	15.665	HH	19443	372472	3.65%	0.054%
480	15.670	15.665	15.676	HH	19157	132885	1.30%	0.019%
481	15.681	15.676	15.687	HH	19242	121826	1.19%	0.018%
482	15.690	15.687	15.720	HH	19204	381463	3.74%	0.056%
483	15.732	15.720	15.745	HH	19125	283674	2.78%	0.041%
484	15.750	15.745	15.775	HH	19016	338135	3.32%	0.049%
485	15.780	15.775	15.784	HH	18819	97353	0.95%	0.014%
486	15.815	15.784	15.865	HH	18928	922149	9.04%	0.134%
487	15.872	15.865	15.900	HH	18817	387226	3.80%	0.056%
488	15.921	15.900	15.931	HH	18732	342033	3.35%	0.050%
489	15.959	15.931	15.977	HH	18979	520277	5.10%	0.076%
490	15.983	15.977	15.997	HH	18672	226776	2.22%	0.033%
491	16.007	15.997	16.014	HH	18652	187903	1.84%	0.027%
492	16.024	16.014	16.050	HH	18647	403993	3.96%	0.059%
493	16.093	16.050	16.119	HH	18937	764253	7.50%	0.111%
494	16.126	16.119	16.140	HH	18408	235852	2.31%	0.034%
495	16.150	16.140	16.176	HH	18513	393533	3.86%	0.057%
496	16.183	16.176	16.189	HH	18410	143752	1.41%	0.021%
497	16.194	16.189	16.198	HH	18359	103546	1.02%	0.015%
498	16.207	16.198	16.229	HH	18423	341264	3.35%	0.050%
499	16.240	16.229	16.249	HH	18380	212647	2.09%	0.031%
500	16.266	16.249	16.286	HH	18409	406469	3.99%	0.059%
501	16.291	16.286	16.294	HH	18313	90215	0.88%	0.013%
502	16.311	16.294	16.316	HH	18363	239978	2.35%	0.035%
503	16.319	16.316	16.339	HH	18338	251307	2.46%	0.037%
504	16.364	16.339	16.370	HH	18485	342277	3.36%	0.050%
505	16.379	16.370	16.386	HH	18608	181394	1.78%	0.026%
506	16.406	16.386	16.420	HH	18718	377132	3.70%	0.055%
507	16.442	16.420	16.467	HH	19078	529629	5.19%	0.077%
508	16.481	16.467	16.485	HH	18540	203005	1.99%	0.030%
509	16.524	16.485	16.552	HH	18999	742503	7.28%	0.108%

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510	16.559	16.552	16.577	HH	18697	280621	2.75%	0.041%
511	16.582	16.577	16.587	HH	18542	107269	1.05%	0.016%
512	16.609	16.587	16.616	HH	18677	327419	3.21%	0.048%
513	16.667	16.616	16.673	HH	18791	634625	6.22%	0.092%
514	16.675	16.673	16.695	HH	18697	252066	2.47%	0.037%
515	16.705	16.695	16.728	HH	18663	366091	3.59%	0.053%
516	16.736	16.728	16.744	HH	18619	173051	1.70%	0.025%
517	16.764	16.744	16.768	HH	18792	274947	2.70%	0.040%
518	16.796	16.768	16.823	HH	19467	632841	6.21%	0.092%
519	16.830	16.823	16.842	HH	18965	210752	2.07%	0.031%
520	16.845	16.842	16.854	HH	18977	133929	1.31%	0.019%
521	16.858	16.854	16.862	HH	18943	93080	0.91%	0.014%
522	16.883	16.862	16.890	HH	19058	314991	3.09%	0.046%
523	16.906	16.890	16.930	HH	19788	467592	4.59%	0.068%
524	16.956	16.930	16.976	HH	20134	535131	5.25%	0.078%
525	16.991	16.976	17.019	HH	19721	502424	4.93%	0.073%
526	17.025	17.019	17.050	HH	19158	361412	3.54%	0.053%
527	17.058	17.050	17.075	HH	19158	278570	2.73%	0.041%
528	17.097	17.075	17.103	HH	19350	330900	3.25%	0.048%
529	17.108	17.103	17.114	HH	19292	120843	1.19%	0.018%
530	17.120	17.114	17.135	HH	19357	242598	2.38%	0.035%
531	17.142	17.135	17.157	HH	19346	260585	2.56%	0.038%
532	17.180	17.157	17.202	HH	19490	520959	5.11%	0.076%
533	17.206	17.202	17.210	HH	19378	89581	0.88%	0.013%
534	17.219	17.210	17.225	HH	19412	170784	1.67%	0.025%
535	17.268	17.225	17.282	HH	19736	673564	6.61%	0.098%
536	17.334	17.282	17.338	HH	20061	671664	6.59%	0.098%
537	17.357	17.338	17.379	HH	21746	499904	4.90%	0.073%
538	17.385	17.379	17.412	HH	19915	397875	3.90%	0.058%
539	17.448	17.412	17.474	HH	20947	755450	7.41%	0.110%
540	17.479	17.474	17.504	HH	20085	355331	3.48%	0.052%
541	17.505	17.504	17.516	HH	20019	142205	1.39%	0.021%
542	17.531	17.516	17.549	HH	20087	397999	3.90%	0.058%
543	17.583	17.549	17.597	HH	20339	585897	5.75%	0.085%
544	17.602	17.597	17.607	HH	20252	122846	1.20%	0.018%
545	17.639	17.607	17.644	HH	20305	440361	4.32%	0.064%
546	17.665	17.644	17.670	HH	20356	324613	3.18%	0.047%
547	17.689	17.670	17.694	HH	20416	286969	2.81%	0.042%
548	17.705	17.694	17.715	HH	20516	261481	2.56%	0.038%
549	17.765	17.715	17.775	HH	21039	744135	7.30%	0.108%
550	17.792	17.775	17.820	HH	22550	591463	5.80%	0.086%
551	17.827	17.820	17.832	HH	20948	140107	1.37%	0.020%
552	17.890	17.832	17.927	HH	21695	1214524	11.91%	0.177%
553	17.950	17.927	17.964	HH	21543	470051	4.61%	0.068%
554	18.007	17.964	18.020	HH	21776	731716	7.18%	0.107%
555	18.061	18.020	18.093	HH	22932	957638	9.39%	0.139%
556	18.135	18.093	18.165	HH	22768	963066	9.44%	0.140%
557	18.169	18.165	18.172	HH	22202	86979	0.85%	0.013%
558	18.214	18.172	18.261	HH	26370	1244386	12.20%	0.181%
559	18.288	18.261	18.298	HH	22579	494561	4.85%	0.072%
560	18.319	18.298	18.338	HH	22816	548245	5.38%	0.080%
561	18.343	18.338	18.356	HH	22619	236214	2.32%	0.034%

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562	18.362	18.356	18.367	HH	22532	153350	1.50%	0.022%
563	18.402	18.367	18.406	HH	22668	532933	5.23%	0.078%
564	18.428	18.406	18.434	HH	22819	372989	3.66%	0.054%
565	18.470	18.434	18.480	HH	23084	633287	6.21%	0.092%
566	18.499	18.480	18.504	HH	23144	326455	3.20%	0.048%
567	18.515	18.504	18.553	HH	23238	691410	6.78%	0.101%
568	18.624	18.553	18.679	HH	26657	1821317	17.86%	0.265%
569	18.728	18.679	18.755	HH	24677	1113489	10.92%	0.162%
570	18.775	18.755	18.781	HH	24330	368274	3.61%	0.054%
571	18.797	18.781	18.803	HH	24448	325638	3.19%	0.047%
572	18.819	18.803	18.830	HH	24752	401137	3.93%	0.058%
573	18.835	18.830	18.844	HH	24818	207785	2.04%	0.030%
574	18.848	18.844	18.855	HH	24742	156510	1.53%	0.023%
575	18.884	18.855	18.892	HH	24941	557718	5.47%	0.081%
576	18.902	18.892	18.924	HH	25117	475798	4.67%	0.069%
577	18.949	18.924	18.960	HH	25229	553260	5.43%	0.081%
578	19.020	18.960	19.058	HH	29337	1539984	15.10%	0.224%
579	19.068	19.058	19.084	HH	26282	406505	3.99%	0.059%
580	19.102	19.084	19.107	HH	26285	356497	3.50%	0.052%
581	19.132	19.107	19.152	HH	26547	712105	6.98%	0.104%
582	19.182	19.152	19.204	HH	28802	859655	8.43%	0.125%
583	19.209	19.204	19.215	HH	26873	187600	1.84%	0.027%
584	19.225	19.215	19.249	HH	26826	535152	5.25%	0.078%
585	19.277	19.249	19.292	HH	27069	691999	6.79%	0.101%
586	19.300	19.292	19.305	HH	27013	218905	2.15%	0.032%
587	19.313	19.305	19.329	HH	27081	389206	3.82%	0.057%
588	19.342	19.329	19.346	HH	27063	278452	2.73%	0.041%
589	19.405	19.346	19.428	HH	28991	1354793	13.29%	0.197%
590	19.434	19.428	19.438	HH	27595	167873	1.65%	0.024%
591	19.450	19.438	19.467	HH	27733	485876	4.77%	0.071%
592	19.517	19.467	19.539	HH	28824	1205164	11.82%	0.175%
593	19.557	19.539	19.561	HH	28399	385225	3.78%	0.056%
594	19.569	19.561	19.572	HH	28399	182121	1.79%	0.027%
595	19.644	19.572	19.668	HH	29448	1663996	16.32%	0.242%
596	19.695	19.668	19.729	HH	32537	1123558	11.02%	0.164%
597	19.743	19.729	19.757	HH	29849	498021	4.88%	0.073%
598	19.781	19.757	19.799	HH	31402	766224	7.51%	0.112%
599	19.807	19.799	19.815	HH	30174	295524	2.90%	0.043%
600	19.864	19.815	19.868	HH	30561	964967	9.46%	0.140%
601	19.896	19.868	19.900	HH	30924	594393	5.83%	0.087%
602	19.905	19.900	19.911	HH	30911	191530	1.88%	0.028%
603	19.922	19.911	19.928	HH	30934	325053	3.19%	0.047%
604	19.941	19.928	19.947	HH	31014	348872	3.42%	0.051%
605	19.959	19.947	19.987	HH	31323	748491	7.34%	0.109%
606	20.063	19.987	20.074	HH	31902	1652529	16.21%	0.241%
607	20.108	20.074	20.115	HH	32290	788983	7.74%	0.115%
608	20.147	20.115	20.161	HH	33612	896820	8.80%	0.131%
609	20.185	20.161	20.213	HH	37196	1085677	10.65%	0.158%
610	20.229	20.213	20.240	HH	33030	532602	5.22%	0.078%
611	20.266	20.240	20.279	HH	33305	774820	7.60%	0.113%
612	20.336	20.279	20.350	HH	33894	1437829	14.10%	0.209%
613	20.372	20.350	20.384	HH	34247	688421	6.75%	0.100%
614	20.424	20.384	20.435	HH	34628	1071228	10.51%	0.156%

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615	20.459	20.435	20.465	HH	34870	625198	6.13%	0.091%
616	20.500	20.465	20.545	HH	35758	1687669	16.55%	0.246%
617	20.569	20.545	20.582	HH	35463	788485	7.73%	0.115%
618	20.609	20.582	20.617	HH	35710	731595	7.17%	0.107%
619	20.665	20.617	20.724	HH	41083	2395707	23.49%	0.349%
620	20.729	20.724	20.736	HH	35670	246638	2.42%	0.036%
621	20.745	20.736	20.762	HH	35764	569714	5.59%	0.083%
622	20.770	20.762	20.777	HH	35764	315000	3.09%	0.046%
623	20.782	20.777	20.787	HH	35769	208796	2.05%	0.030%
624	20.794	20.787	20.802	HH	35828	322982	3.17%	0.047%
625	20.809	20.802	20.828	HH	35851	556211	5.45%	0.081%
626	20.833	20.828	20.839	HH	35693	243306	2.39%	0.035%
627	20.844	20.839	20.857	HH	35668	383042	3.76%	0.056%
628	20.885	20.857	20.913	HH	36270	1207487	11.84%	0.176%
629	20.921	20.913	20.929	HH	35961	338168	3.32%	0.049%
630	20.932	20.929	20.981	HH	35928	1119347	10.98%	0.163%
631	20.990	20.981	21.019	HH	35746	816963	8.01%	0.119%
632	21.042	21.019	21.061	HH	35646	902751	8.85%	0.131%
633	21.077	21.061	21.100	HH	35624	822673	8.07%	0.120%
634	21.107	21.100	21.117	HH	35570	368385	3.61%	0.054%
635	21.125	21.117	21.134	HH	35544	366296	3.59%	0.053%
636	21.153	21.134	21.161	HH	35577	555344	5.45%	0.081%
637	21.205	21.161	21.259	HH	41125	2199237	21.57%	0.320%
638	21.310	21.259	21.334	HH	35923	1609014	15.78%	0.234%
639	21.351	21.334	21.359	HH	35785	538875	5.28%	0.078%
640	21.373	21.359	21.379	HH	35904	442934	4.34%	0.064%
641	21.388	21.379	21.397	HH	35833	379565	3.72%	0.055%
642	21.421	21.397	21.427	HH	35993	635563	6.23%	0.093%
643	21.431	21.427	21.435	HH	35949	191221	1.88%	0.028%
644	21.442	21.435	21.459	HH	36012	502286	4.93%	0.073%
645	21.460	21.459	21.478	HH	35841	417305	4.09%	0.061%
646	21.484	21.478	21.499	HH	35639	438970	4.30%	0.064%
647	21.504	21.499	21.509	HH	35550	211638	2.08%	0.031%
648	21.516	21.509	21.521	HH	35547	264975	2.60%	0.039%
649	21.530	21.521	21.537	HH	35557	340423	3.34%	0.050%
650	21.605	21.537	21.612	HH	36018	1594227	15.63%	0.232%
651	21.623	21.612	21.638	HH	36009	577262	5.66%	0.084%
652	21.651	21.638	21.678	HH	36140	846878	8.31%	0.123%
653	21.687	21.678	21.692	HH	36116	313331	3.07%	0.046%
654	21.703	21.692	21.727	HH	36125	762028	7.47%	0.111%
655	21.733	21.727	21.745	HH	35831	386288	3.79%	0.056%
656	21.748	21.745	21.757	HH	35760	253501	2.49%	0.037%
657	21.761	21.757	21.767	HH	35657	209829	2.06%	0.031%
658	21.838	21.767	21.899	HH	41294	2948059	28.91%	0.429%
659	21.902	21.899	21.906	HH	35705	158685	1.56%	0.023%
660	21.911	21.906	21.919	HH	35634	279905	2.75%	0.041%
661	21.944	21.919	21.950	HH	35927	668962	6.56%	0.097%
662	21.954	21.950	21.959	HH	35913	180175	1.77%	0.026%
663	21.964	21.959	21.985	HH	35947	573411	5.62%	0.083%
664	21.991	21.985	22.019	HH	36011	728427	7.14%	0.106%
665	22.023	22.019	22.053	HH	35730	709454	6.96%	0.103%
666	22.066	22.053	22.072	HH	35562	414856	4.07%	0.060%

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667	22.080	22.072	22.099	HH	35557	577267	5.66%	0.084%
668	22.107	22.099	22.112	HH	35483	275215	2.70%	0.040%
669	22.122	22.112	22.137	HH	35548	521803	5.12%	0.076%
670	22.154	22.137	22.159	HH	35647	473022	4.64%	0.069%
671	22.176	22.159	22.180	HH	35691	459212	4.50%	0.067%
672	22.203	22.180	22.230	HH	35785	1075838	10.55%	0.157%
673	22.238	22.230	22.248	HH	35868	370249	3.63%	0.054%
674	22.257	22.248	22.262	HH	35809	309621	3.04%	0.045%
675	22.267	22.262	22.273	HH	35819	236274	2.32%	0.034%
676	22.282	22.273	22.291	HH	35899	383130	3.76%	0.056%
677	22.296	22.291	22.301	HH	35899	218108	2.14%	0.032%
678	22.308	22.301	22.329	HH	35862	595158	5.84%	0.087%
679	22.332	22.329	22.339	HH	35794	229841	2.25%	0.033%
680	22.349	22.339	22.358	HH	35826	407384	4.00%	0.059%
681	22.364	22.358	22.387	HH	35797	613746	6.02%	0.089%
682	22.396	22.387	22.416	HH	35783	628132	6.16%	0.091%
683	22.422	22.416	22.432	HH	35637	323362	3.17%	0.047%
684	22.438	22.432	22.457	HH	35594	542765	5.32%	0.079%
685	22.468	22.457	22.479	HH	35526	464893	4.56%	0.068%
686	22.483	22.479	22.502	HH	35483	479562	4.70%	0.070%
687	22.590	22.502	22.662	HH	40093	3558283	34.90%	0.518%
688	22.667	22.662	22.682	HH	35852	429354	4.21%	0.063%
689	22.683	22.682	22.698	HH	35779	341517	3.35%	0.050%
690	22.705	22.698	22.720	HH	35810	463899	4.55%	0.068%
691	22.744	22.720	22.749	HH	35843	637721	6.25%	0.093%
692	22.753	22.749	22.757	HH	35790	173855	1.71%	0.025%
693	22.763	22.757	22.765	HH	35839	171252	1.68%	0.025%
694	22.772	22.765	22.777	HH	35858	247125	2.42%	0.036%
695	22.787	22.777	22.791	HH	35855	301216	2.95%	0.044%
696	22.804	22.791	22.827	HH	35876	775737	7.61%	0.113%
697	22.832	22.827	22.865	HH	35714	804649	7.89%	0.117%
698	22.870	22.865	22.905	HH	35527	858444	8.42%	0.125%
699	22.911	22.905	22.926	HH	35332	449590	4.41%	0.065%
700	22.940	22.926	22.945	HH	35325	397941	3.90%	0.058%
701	22.982	22.945	22.992	HH	35417	993424	9.74%	0.145%
702	23.000	22.992	23.009	HH	35424	353827	3.47%	0.052%
703	23.014	23.009	23.027	HH	35372	394600	3.87%	0.057%
704	23.038	23.027	23.051	HH	35346	493446	4.84%	0.072%
705	23.095	23.051	23.104	HH	35491	1140017	11.18%	0.166%
706	23.117	23.104	23.122	HH	35567	376609	3.69%	0.055%
707	23.131	23.122	23.148	HH	35610	559054	5.48%	0.081%
708	23.156	23.148	23.160	HH	35663	260048	2.55%	0.038%
709	23.172	23.160	23.177	HH	35707	351621	3.45%	0.051%
710	23.181	23.177	23.206	HH	35736	619405	6.07%	0.090%
711	23.210	23.206	23.220	HH	35663	303488	2.98%	0.044%
712	23.225	23.220	23.240	HH	35608	434824	4.26%	0.063%
713	23.247	23.240	23.277	HH	35570	781562	7.66%	0.114%
714	23.283	23.277	23.300	HH	35417	495390	4.86%	0.072%
715	23.302	23.300	23.316	HH	35419	328734	3.22%	0.048%
716	23.320	23.316	23.328	HH	35295	261129	2.56%	0.038%
717	23.346	23.328	23.351	HH	35336	475602	4.66%	0.069%
718	23.358	23.351	23.375	HH	35388	510632	5.01%	0.074%
719	23.389	23.375	23.400	HH	35470	544160	5.34%	0.079%

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720	23.503	23.400	23.639	HH	39674	5284780	51.83%	0.769%
721	23.648	23.639	23.652	HH	35852	274674	2.69%	0.040%
722	23.655	23.652	23.680	HH	35726	591739	5.80%	0.086%
723	23.688	23.680	23.701	HH	35692	451427	4.43%	0.066%
724	23.714	23.701	23.719	HH	35810	391338	3.84%	0.057%
725	23.727	23.719	23.745	HH	35786	552672	5.42%	0.080%
726	23.758	23.745	23.775	HH	35743	654245	6.42%	0.095%
727	23.790	23.775	23.797	HH	35817	464301	4.55%	0.068%
728	23.800	23.797	23.811	HH	35701	298864	2.93%	0.044%
729	23.821	23.811	23.828	HH	35821	357007	3.50%	0.052%
730	23.832	23.828	23.842	HH	35745	304020	2.98%	0.044%
731	23.861	23.842	23.897	HH	35769	1175718	11.53%	0.171%
732	23.901	23.897	23.911	HH	35658	303696	2.98%	0.044%
733	23.916	23.911	23.932	HH	35664	445932	4.37%	0.065%
734	23.967	23.932	23.978	HH	35770	986447	9.67%	0.144%
735	23.985	23.978	23.997	HH	35760	410226	4.02%	0.060%
736	24.000	23.997	24.015	HH	35771	388918	3.81%	0.057%
737	24.023	24.015	24.065	HH	35673	1065540	10.45%	0.155%
738	24.073	24.065	24.082	HH	35468	358441	3.52%	0.052%
739	24.097	24.082	24.104	HH	35514	460968	4.52%	0.067%
740	24.108	24.104	24.112	HH	35432	184953	1.81%	0.027%
741	24.116	24.112	24.125	HH	35430	275122	2.70%	0.040%
742	24.137	24.125	24.144	HH	35445	389248	3.82%	0.057%
743	24.146	24.144	24.179	HH	35451	743329	7.29%	0.108%
744	24.183	24.179	24.189	HH	35439	215933	2.12%	0.031%
745	24.202	24.189	24.209	HH	35441	421222	4.13%	0.061%
746	24.216	24.209	24.245	HH	35361	774144	7.59%	0.113%
747	24.251	24.245	24.258	HH	35337	278998	2.74%	0.041%
748	24.267	24.258	24.275	HH	35471	359624	3.53%	0.052%
749	24.298	24.275	24.316	HH	35492	866164	8.49%	0.126%
750	24.343	24.316	24.349	HH	35576	695631	6.82%	0.101%
751	24.354	24.349	24.359	HH	35634	215320	2.11%	0.031%
752	24.365	24.359	24.377	HH	35616	377612	3.70%	0.055%
753	24.388	24.377	24.404	HH	35613	590892	5.79%	0.086%
754	24.414	24.404	24.444	HH	35669	843678	8.27%	0.123%
755	24.446	24.444	24.465	HH	35669	457058	4.48%	0.067%
756	24.473	24.465	24.493	HH	35646	593847	5.82%	0.086%
757	24.499	24.493	24.502	HH	35582	200194	1.96%	0.029%
758	24.602	24.502	24.615	HH	37511	2451971	24.05%	0.357%
759	24.624	24.615	24.698	HH	37399	1825097	17.90%	0.266%
760	24.706	24.698	24.740	HH	35943	895634	8.78%	0.130%
761	24.746	24.740	24.753	HH	35733	273443	2.68%	0.040%
762	24.756	24.753	24.800	HHA	35681	1030123	10.10%	0.150%
					Sum of corrected areas:		686882566	

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