

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE021318\
 Data File : FE026263.D
 Signal(s) : FID1B.CH
 Acq On : 14 Feb 2018 1:00
 Sample : J1530-35
 Misc :
 ALS Vial : 52 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	2.418	2.401	2.424	BH	-42	-1425	-0.04%	-0.001%
2	2.432	2.424	2.440	PH	-5	-1386	-0.04%	-0.001%
3	2.450	2.440	2.456	PH	23	-939	-0.03%	-0.000%
4	2.459	2.456	2.476	PH	19	-1448	-0.04%	-0.001%
5	2.481	2.476	2.489	PH	-28	-1065	-0.03%	-0.001%
6	2.494	2.489	2.498	PH	-155	-991	-0.03%	-0.001%
7	2.510	2.498	2.532	PH	75	-1338	-0.04%	-0.001%
8	2.538	2.532	2.549	PH	-40	-1589	-0.05%	-0.001%
9	2.554	2.549	2.557	PH	-70	-826	-0.02%	-0.000%
10	2.562	2.557	2.568	PH	-117	-1183	-0.03%	-0.001%
11	2.574	2.568	2.586	PH	-67	-2171	-0.06%	-0.001%
12	2.591	2.586	2.602	PH	-86	-1767	-0.05%	-0.001%
13	2.628	2.602	2.638	PH	74	-2763	-0.08%	-0.001%
14	2.659	2.638	2.665	PH	-1	-1933	-0.06%	-0.001%
15	2.679	2.665	2.759	PH	4544	65132	1.86%	0.034%
16	2.763	2.759	2.770	PH	50	-231	-0.01%	-0.000%
17	2.788	2.770	2.811	PH	85	-1834	-0.05%	-0.001%
18	2.815	2.811	2.822	PH	-40	-608	-0.02%	-0.000%
19	2.831	2.822	2.841	PH	1	-717	-0.02%	-0.000%
20	2.846	2.841	2.856	PH	92	-589	-0.02%	-0.000%
21	2.862	2.856	2.869	PH	-74	-1005	-0.03%	-0.001%
22	2.877	2.869	2.884	PH	-32	-1372	-0.04%	-0.001%
23	2.894	2.884	2.903	PH	-22	-1495	-0.04%	-0.001%
24	2.917	2.903	2.927	PH	3	-1049	-0.03%	-0.001%
25	2.935	2.927	2.942	PH	49	-787	-0.02%	-0.000%
26	2.947	2.942	2.958	PH	-53	-820	-0.02%	-0.000%
27	2.965	2.958	2.974	PH	54	-808	-0.02%	-0.000%
28	2.979	2.974	2.988	PH	88	-285	-0.01%	-0.000%
29	2.993	2.988	3.007	PH	17	-790	-0.02%	-0.000%
30	3.018	3.007	3.031	PH	14	-674	-0.02%	-0.000%
31	3.035	3.031	3.044	PH	28	-492	-0.01%	-0.000%
32	3.070	3.044	3.076	PH	219	155	0.00%	0.000%
33	3.089	3.076	3.099	PH	81	90	0.00%	0.000%
34	3.104	3.099	3.116	PH	245	1187	0.03%	0.001%
35	3.123	3.116	3.130	PH	206	767	0.02%	0.000%
36	3.144	3.130	3.148	PH	234	829	0.02%	0.000%

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37	3.164	3.148	3.172	HH	219	1806	0.05%	0.001%
38	3.178	3.172	3.183	HH	145	521	0.01%	0.000%
39	3.187	3.183	3.201	PH	130	435	0.01%	0.000%
40	3.207	3.201	3.212	PH	25	25	0.00%	0.000%
41	3.218	3.212	3.225	PH	91	376	0.01%	0.000%
42	3.228	3.225	3.234	HH	195	407	0.01%	0.000%
43	3.241	3.234	3.252	PH	219	1231	0.04%	0.001%
44	3.270	3.252	3.274	HH	232	1388	0.04%	0.001%
45	3.306	3.274	3.324	HH	528	9235	0.26%	0.005%
46	3.334	3.324	3.339	HH	387	2736	0.08%	0.001%
47	3.352	3.339	3.365	HH	380	4778	0.14%	0.003%
48	3.386	3.365	3.393	HH	366	4505	0.13%	0.002%
49	3.396	3.393	3.405	HH	417	1784	0.05%	0.001%
50	3.410	3.405	3.419	HH	373	2177	0.06%	0.001%
51	3.430	3.419	3.450	HH	387	5098	0.15%	0.003%
52	3.459	3.450	3.463	HH	523	2421	0.07%	0.001%
53	3.468	3.463	3.484	HH	459	3855	0.11%	0.002%
54	3.493	3.484	3.501	HH	449	3572	0.10%	0.002%
55	3.508	3.501	3.518	HH	450	3897	0.11%	0.002%
56	3.523	3.518	3.533	HH	389	3287	0.09%	0.002%
57	3.537	3.533	3.544	HH	427	2292	0.07%	0.001%
58	3.557	3.544	3.562	HH	540	4463	0.13%	0.002%
59	3.566	3.562	3.570	HH	473	2062	0.06%	0.001%
60	3.577	3.570	3.582	HH	455	2820	0.08%	0.001%
61	3.601	3.582	3.622	HH	564	10526	0.30%	0.006%
62	3.643	3.622	3.660	HH	676	11194	0.32%	0.006%
63	3.668	3.660	3.674	HH	656	4533	0.13%	0.002%
64	3.677	3.674	3.681	HH	622	2016	0.06%	0.001%
65	3.685	3.681	3.689	HH	554	2386	0.07%	0.001%
66	3.693	3.689	3.702	HH	584	4313	0.12%	0.002%
67	3.708	3.702	3.720	HH	641	5916	0.17%	0.003%
68	3.731	3.720	3.752	HH	688	11049	0.32%	0.006%
69	3.755	3.752	3.768	HH	741	6087	0.17%	0.003%
70	3.773	3.768	3.794	HH	695	8756	0.25%	0.005%
71	3.802	3.794	3.818	HH	757	9099	0.26%	0.005%
72	3.829	3.818	3.847	HH	787	11525	0.33%	0.006%
73	3.852	3.847	3.867	HH	822	8328	0.24%	0.004%
74	3.882	3.867	3.888	HH	785	9109	0.26%	0.005%
75	3.894	3.888	3.900	HH	808	5518	0.16%	0.003%
76	3.906	3.900	3.915	HH	879	7214	0.21%	0.004%
77	3.919	3.915	3.935	HH	870	9173	0.26%	0.005%
78	3.942	3.935	3.948	HH	781	5836	0.17%	0.003%
79	3.958	3.948	3.964	HH	942	8140	0.23%	0.004%
80	3.967	3.964	3.977	HH	944	6330	0.18%	0.003%
81	3.978	3.977	3.982	HH	843	2382	0.07%	0.001%
82	3.987	3.982	4.002	HH	859	9408	0.27%	0.005%
83	4.015	4.002	4.019	HH	940	8941	0.26%	0.005%
84	4.023	4.019	4.040	HH	948	11104	0.32%	0.006%
85	4.048	4.040	4.052	HH	1044	6872	0.20%	0.004%
86	4.057	4.052	4.061	HH	1021	4754	0.14%	0.003%
87	4.066	4.061	4.088	HH	981	15004	0.43%	0.008%
88	4.102	4.088	4.114	HH	1061	14782	0.42%	0.008%
89	4.130	4.114	4.138	HH	1077	13954	0.40%	0.007%

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90	4.149	4.138	4.164	HH	1074	15658	0.45%	0.008%
91	4.173	4.164	4.187	HH	1054	13110	0.37%	0.007%
92	4.194	4.187	4.199	HH	1042	7018	0.20%	0.004%
93	4.205	4.199	4.210	HH	1068	6916	0.20%	0.004%
94	4.215	4.210	4.222	HH	1062	7177	0.21%	0.004%
95	4.227	4.222	4.231	HH	1127	6009	0.17%	0.003%
96	4.240	4.231	4.251	HH	1173	12493	0.36%	0.007%
97	4.286	4.251	4.295	HH	2748	60711	1.74%	0.032%
98	4.299	4.295	4.307	HH	2809	19045	0.54%	0.010%
99	4.312	4.307	4.321	HH	2746	22587	0.65%	0.012%
100	4.328	4.321	4.334	HH	2726	20802	0.59%	0.011%
101	4.339	4.334	4.352	HH	2636	26994	0.77%	0.014%
102	4.356	4.352	4.378	HH	2547	38905	1.11%	0.020%
103	4.391	4.378	4.405	HH	2483	38499	1.10%	0.020%
104	4.417	4.405	4.428	HH	2429	31191	0.89%	0.016%
105	4.432	4.428	4.439	HH	2377	14695	0.42%	0.008%
106	4.446	4.439	4.470	HH	2264	40087	1.15%	0.021%
107	4.474	4.470	4.480	HH	2120	13076	0.37%	0.007%
108	4.484	4.480	4.494	HH	2088	17192	0.49%	0.009%
109	4.498	4.494	4.511	HH	2230	20785	0.59%	0.011%
110	4.516	4.511	4.529	HH	2188	23040	0.66%	0.012%
111	4.532	4.529	4.567	HH	2078	44141	1.26%	0.023%
112	4.580	4.567	4.602	HH	2195	41680	1.19%	0.022%
113	4.607	4.602	4.623	HH	1925	23505	0.67%	0.012%
114	4.629	4.623	4.633	HH	1846	11080	0.32%	0.006%
115	4.638	4.633	4.642	HH	1868	9015	0.26%	0.005%
116	4.646	4.642	4.652	HH	1959	10705	0.31%	0.006%
117	4.659	4.652	4.668	HH	1861	16557	0.47%	0.009%
118	4.672	4.668	4.676	HH	1698	8246	0.24%	0.004%
119	4.680	4.676	4.692	HH	1782	16250	0.46%	0.009%
120	4.708	4.692	4.719	HH	1818	28017	0.80%	0.015%
121	4.726	4.719	4.737	HH	1892	20045	0.57%	0.011%
122	4.741	4.737	4.745	HH	1850	8647	0.25%	0.005%
123	4.754	4.745	4.760	HH	1934	16142	0.46%	0.009%
124	4.768	4.760	4.783	HH	1848	25531	0.73%	0.013%
125	4.793	4.783	4.797	HH	1963	15341	0.44%	0.008%
126	4.801	4.797	4.826	HH	1821	30520	0.87%	0.016%
127	4.830	4.826	4.856	HH	1704	30424	0.87%	0.016%
128	4.870	4.856	4.875	HH	1870	20088	0.57%	0.011%
129	4.892	4.875	4.904	HH	1878	31632	0.90%	0.017%
130	4.910	4.904	4.916	HH	1857	12279	0.35%	0.006%
131	4.921	4.916	4.943	HH	1842	27974	0.80%	0.015%
132	4.958	4.943	4.969	HH	1851	26300	0.75%	0.014%
133	4.974	4.969	4.987	HH	1768	19142	0.55%	0.010%
134	4.994	4.987	5.006	HH	1755	19122	0.55%	0.010%
135	5.012	5.006	5.036	HH	1804	31595	0.90%	0.017%
136	5.040	5.036	5.045	HH	1733	9099	0.26%	0.005%
137	5.048	5.045	5.056	HH	1768	11689	0.33%	0.006%
138	5.072	5.056	5.095	HH	2006	42362	1.21%	0.022%
139	5.102	5.095	5.124	HH	1827	30453	0.87%	0.016%
140	5.129	5.124	5.143	HH	1840	20842	0.60%	0.011%
141	5.147	5.143	5.154	HH	1897	13088	0.37%	0.007%

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142	5.160	5.154	5.165	HH	1913	12123	0.35%	0.006%
143	5.174	5.165	5.179	HH	1947	15634	0.45%	0.008%
144	5.195	5.179	5.199	HH	2022	23675	0.68%	0.012%
145	5.203	5.199	5.207	HH	2001	8868	0.25%	0.005%
146	5.211	5.207	5.230	HH	2077	27309	0.78%	0.014%
147	5.243	5.230	5.251	HH	2092	24585	0.70%	0.013%
148	5.256	5.251	5.265	HH	2023	17159	0.49%	0.009%
149	5.280	5.265	5.289	HH	2058	27500	0.79%	0.014%
150	5.299	5.289	5.303	HH	2061	17526	0.50%	0.009%
151	5.309	5.303	5.324	HH	2110	25277	0.72%	0.013%
152	5.338	5.324	5.343	HH	2087	22634	0.65%	0.012%
153	5.352	5.343	5.360	HH	2056	20320	0.58%	0.011%
154	5.371	5.360	5.384	HH	2137	29216	0.84%	0.015%
155	5.388	5.384	5.394	HH	2236	13124	0.38%	0.007%
156	5.401	5.394	5.405	HH	2283	14443	0.41%	0.008%
157	5.415	5.405	5.424	HH	2222	23866	0.68%	0.013%
158	5.427	5.424	5.434	HH	2256	14066	0.40%	0.007%
159	5.441	5.434	5.447	HH	2167	15335	0.44%	0.008%
160	5.457	5.447	5.462	HH	2177	19577	0.56%	0.010%
161	5.466	5.462	5.474	HH	2292	16528	0.47%	0.009%
162	5.483	5.474	5.487	HH	2335	16847	0.48%	0.009%
163	5.491	5.487	5.496	HH	2289	11770	0.34%	0.006%
164	5.500	5.496	5.514	HH	2282	23778	0.68%	0.013%
165	5.519	5.514	5.523	HH	2345	12482	0.36%	0.007%
166	5.532	5.523	5.544	HH	2322	29672	0.85%	0.016%
167	5.551	5.544	5.561	HH	2416	23692	0.68%	0.012%
168	5.566	5.561	5.572	HH	2492	15567	0.45%	0.008%
169	5.579	5.572	5.589	HH	2414	24751	0.71%	0.013%
170	5.599	5.589	5.603	HH	2374	19146	0.55%	0.010%
171	5.612	5.603	5.622	HH	2431	26364	0.75%	0.014%
172	5.640	5.622	5.656	HH	2515	48338	1.38%	0.025%
173	5.665	5.656	5.677	HH	2558	30656	0.88%	0.016%
174	5.681	5.677	5.692	HH	2511	22720	0.65%	0.012%
175	5.704	5.692	5.711	HH	2528	27050	0.77%	0.014%
176	5.718	5.711	5.724	HH	2474	19236	0.55%	0.010%
177	5.730	5.724	5.736	HH	2463	16797	0.48%	0.009%
178	5.746	5.736	5.757	HH	2527	30029	0.86%	0.016%
179	5.768	5.757	5.776	HH	2514	27841	0.80%	0.015%
180	5.788	5.776	5.796	HH	2540	29397	0.84%	0.015%
181	5.816	5.796	5.823	HH	2646	41094	1.18%	0.022%
182	5.829	5.823	5.843	HH	2587	30132	0.86%	0.016%
183	5.846	5.843	5.850	HH	2598	11098	0.32%	0.006%
184	5.862	5.850	5.883	HH	2584	49801	1.42%	0.026%
185	5.888	5.883	5.902	HH	2621	28080	0.80%	0.015%
186	5.906	5.902	5.919	HH	2597	25362	0.73%	0.013%
187	5.936	5.919	5.941	HH	2700	35411	1.01%	0.019%
188	5.951	5.941	5.962	HH	2730	32571	0.93%	0.017%
189	5.966	5.962	5.978	HH	2759	25288	0.72%	0.013%
190	5.991	5.978	6.008	HH	2775	48141	1.38%	0.025%
191	6.012	6.008	6.032	HH	2693	38770	1.11%	0.020%
192	6.035	6.032	6.039	HH	2746	11416	0.33%	0.006%
193	6.045	6.039	6.049	HH	2826	16927	0.48%	0.009%
194	6.057	6.049	6.064	HH	2861	23859	0.68%	0.013%

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195	6.083	6.064	6.088	HH	2952	41204	1.18%	0.022%
196	6.098	6.088	6.106	HH	2970	31640	0.90%	0.017%
197	6.116	6.106	6.120	HH	3051	24039	0.69%	0.013%
198	6.124	6.120	6.143	HH	3035	41685	1.19%	0.022%
199	6.149	6.143	6.157	HH	3085	25368	0.73%	0.013%
200	6.168	6.157	6.174	HH	3064	31450	0.90%	0.017%
201	6.180	6.174	6.191	HH	3025	30111	0.86%	0.016%
202	6.214	6.191	6.240	HH	6602	117647	3.36%	0.062%
203	6.246	6.240	6.254	HH	2999	25143	0.72%	0.013%
204	6.257	6.254	6.264	HH	2976	17093	0.49%	0.009%
205	6.270	6.264	6.283	HH	3033	34372	0.98%	0.018%
206	6.292	6.283	6.303	HH	3111	35110	1.00%	0.018%
207	6.319	6.303	6.332	HH	3163	52984	1.52%	0.028%
208	6.354	6.332	6.360	HH	3281	51685	1.48%	0.027%
209	6.389	6.360	6.396	HH	3350	70220	2.01%	0.037%
210	6.411	6.396	6.416	HH	3354	40244	1.15%	0.021%
211	6.425	6.416	6.440	HH	3417	45749	1.31%	0.024%
212	6.452	6.440	6.465	HH	3280	49575	1.42%	0.026%
213	6.479	6.465	6.486	HH	3326	40506	1.16%	0.021%
214	6.501	6.486	6.509	HH	3363	44464	1.27%	0.023%
215	6.541	6.509	6.547	HH	3548	77529	2.22%	0.041%
216	6.565	6.547	6.571	HH	3537	50642	1.45%	0.027%
217	6.581	6.571	6.603	HH	3594	65582	1.88%	0.035%
218	6.609	6.603	6.619	HH	3461	32565	0.93%	0.017%
219	6.623	6.619	6.629	HH	3387	19471	0.56%	0.010%
220	6.635	6.629	6.646	HH	3432	35585	1.02%	0.019%
221	6.653	6.646	6.661	HH	3439	29422	0.84%	0.015%
222	6.672	6.661	6.684	HH	3587	46200	1.32%	0.024%
223	6.688	6.684	6.698	HH	3508	29279	0.84%	0.015%
224	6.701	6.698	6.713	HH	3505	31035	0.89%	0.016%
225	6.720	6.713	6.745	HH	3507	67406	1.93%	0.035%
226	6.749	6.745	6.754	HH	3558	18653	0.53%	0.010%
227	6.759	6.754	6.763	HH	3442	18224	0.52%	0.010%
228	6.776	6.763	6.788	HH	3570	51853	1.48%	0.027%
229	6.792	6.788	6.796	HH	3523	16416	0.47%	0.009%
230	6.800	6.796	6.804	HH	3607	18332	0.52%	0.010%
231	6.815	6.804	6.827	HH	3579	46933	1.34%	0.025%
232	6.837	6.827	6.841	HH	3622	29908	0.86%	0.016%
233	6.850	6.841	6.861	HH	3580	42325	1.21%	0.022%
234	6.866	6.861	6.878	HH	3633	36552	1.05%	0.019%
235	6.899	6.878	6.904	HH	3656	55625	1.59%	0.029%
236	6.909	6.904	6.925	HH	3631	44482	1.27%	0.023%
237	6.929	6.925	6.936	HH	3623	23276	0.67%	0.012%
238	6.938	6.936	6.947	HH	3669	23762	0.68%	0.013%
239	6.966	6.947	6.974	HH	3741	59015	1.69%	0.031%
240	6.981	6.974	6.986	HH	3676	25233	0.72%	0.013%
241	6.998	6.986	7.004	HH	3723	38665	1.11%	0.020%
242	7.036	7.004	7.048	HH	3816	98171	2.81%	0.052%
243	7.052	7.048	7.061	HH	3903	30298	0.87%	0.016%
244	7.074	7.061	7.079	HH	3815	41410	1.18%	0.022%
245	7.089	7.079	7.094	HH	3887	32227	0.92%	0.017%
246	7.100	7.094	7.108	HH	3903	32334	0.92%	0.017%

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247	7.131	7.108	7.136	HH	3916	65278	1.87%	0.034%
248	7.140	7.136	7.152	HH	3913	36181	1.03%	0.019%
249	7.172	7.152	7.189	HH	3932	86277	2.47%	0.045%
250	7.209	7.189	7.230	HH	4531	101949	2.92%	0.054%
251	7.233	7.230	7.240	HH	4092	24746	0.71%	0.013%
252	7.245	7.240	7.255	HH	4068	36679	1.05%	0.019%
253	7.260	7.255	7.269	HH	4085	34149	0.98%	0.018%
254	7.286	7.269	7.295	HH	4119	62105	1.78%	0.033%
255	7.302	7.295	7.307	HH	4134	29901	0.86%	0.016%
256	7.319	7.307	7.330	HH	4146	56248	1.61%	0.030%
257	7.354	7.330	7.365	HH	4219	86518	2.47%	0.046%
258	7.371	7.365	7.381	HH	4305	42269	1.21%	0.022%
259	7.393	7.381	7.404	HH	4360	58477	1.67%	0.031%
260	7.410	7.404	7.414	HH	4300	25232	0.72%	0.013%
261	7.418	7.414	7.429	HH	4271	38505	1.10%	0.020%
262	7.444	7.429	7.449	HH	4468	50995	1.46%	0.027%
263	7.453	7.449	7.464	HH	4457	40113	1.15%	0.021%
264	7.479	7.464	7.483	HH	4407	49551	1.42%	0.026%
265	7.488	7.483	7.509	HH	4418	67768	1.94%	0.036%
266	7.515	7.509	7.520	HH	4366	27758	0.79%	0.015%
267	7.528	7.520	7.539	HH	4383	49288	1.41%	0.026%
268	7.551	7.539	7.564	HH	4339	62202	1.78%	0.033%
269	7.567	7.564	7.573	HH	4324	24654	0.71%	0.013%
270	7.583	7.573	7.590	HH	4373	44379	1.27%	0.023%
271	7.606	7.590	7.613	HH	4528	59655	1.71%	0.031%
272	7.623	7.613	7.634	HH	4465	55715	1.59%	0.029%
273	7.638	7.634	7.649	HH	4361	36773	1.05%	0.019%
274	7.653	7.649	7.659	HH	4429	26872	0.77%	0.014%
275	7.664	7.659	7.670	HH	4389	29830	0.85%	0.016%
276	7.677	7.670	7.689	HH	4489	49033	1.40%	0.026%
277	7.696	7.689	7.702	HH	4479	34427	0.98%	0.018%
278	7.722	7.702	7.737	HH	4861	97281	2.78%	0.051%
279	7.745	7.737	7.756	HH	4596	53001	1.52%	0.028%
280	7.785	7.756	7.789	HH	4687	90907	2.60%	0.048%
281	7.828	7.789	7.859	HH	5775	211485	6.05%	0.111%
282	7.862	7.859	7.871	HH	4834	34842	1.00%	0.018%
283	7.901	7.871	7.908	HH	5142	109563	3.13%	0.058%
284	7.915	7.908	7.921	HH	5074	38341	1.10%	0.020%
285	7.924	7.921	7.946	HH	4940	73936	2.11%	0.039%
286	7.951	7.946	7.982	HH	4991	103708	2.97%	0.055%
287	7.999	7.982	8.024	HH	5117	124379	3.56%	0.066%
288	8.056	8.024	8.064	HH	5180	119644	3.42%	0.063%
289	8.078	8.064	8.088	HH	5105	70073	2.00%	0.037%
290	8.093	8.088	8.098	HH	5019	30033	0.86%	0.016%
291	8.112	8.098	8.152	HH	5717	171055	4.89%	0.090%
292	8.176	8.152	8.199	HH	5214	145664	4.17%	0.077%
293	8.214	8.199	8.231	HH	5326	98832	2.83%	0.052%
294	8.296	8.231	8.330	HH	13323	415982	11.90%	0.219%
295	8.334	8.330	8.368	HH	5928	127467	3.65%	0.067%
296	8.401	8.368	8.515	HH	17745	843562	24.13%	0.444%
297	8.521	8.515	8.527	HH	6695	46473	1.33%	0.024%
298	8.537	8.527	8.568	HH	6776	162074	4.64%	0.085%
299	8.589	8.568	8.601	HH	6439	125557	3.59%	0.066%

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300	8.604	8.601	8.609	HH	6400	31520	0.90%	0.017%
301	8.615	8.609	8.630	HH	6328	77966	2.23%	0.041%
302	8.662	8.630	8.681	HH	6490	192955	5.52%	0.102%
303	8.713	8.681	8.729	HH	7353	199224	5.70%	0.105%
304	8.742	8.729	8.769	HH	7599	164137	4.69%	0.086%
305	8.786	8.769	8.803	HH	7881	147059	4.21%	0.077%
306	8.827	8.803	8.856	HH	13377	283024	8.09%	0.149%
307	8.883	8.856	8.925	HH	8585	296256	8.47%	0.156%
308	8.950	8.925	8.960	HH	6987	142249	4.07%	0.075%
309	8.974	8.960	9.018	HH	7354	241056	6.89%	0.127%
310	9.069	9.018	9.092	HH	7604	317073	9.07%	0.167%
311	9.114	9.092	9.176	HH	33849	649391	18.57%	0.342%
312	9.198	9.176	9.219	HH	8467	200890	5.75%	0.106%
313	9.237	9.219	9.242	HH	7986	109122	3.12%	0.057%
314	9.247	9.242	9.268	HH	7954	122081	3.49%	0.064%
315	9.289	9.268	9.323	HH	8610	257506	7.37%	0.136%
316	9.348	9.323	9.366	HH	7921	197730	5.66%	0.104%
317	9.374	9.366	9.379	HH	7649	56168	1.61%	0.030%
318	9.397	9.379	9.408	HH	7818	134886	3.86%	0.071%
319	9.413	9.408	9.426	HH	7792	86052	2.46%	0.045%
320	9.444	9.426	9.462	HH	7687	162431	4.65%	0.086%
321	9.490	9.462	9.519	HH	11551	325718	9.32%	0.172%
322	9.533	9.519	9.547	HH	9983	152528	4.36%	0.080%
323	9.576	9.547	9.600	HH	10403	294543	8.42%	0.155%
324	9.618	9.600	9.634	HH	12299	215183	6.15%	0.113%
325	9.644	9.634	9.657	HH	9929	130251	3.73%	0.069%
326	9.672	9.657	9.708	HH	11228	279668	8.00%	0.147%
327	9.727	9.708	9.747	HH	9734	208220	5.96%	0.110%
328	9.752	9.747	9.774	HH	8443	138955	3.97%	0.073%
329	9.816	9.774	9.821	HH	9150	238931	6.83%	0.126%
330	9.847	9.821	9.859	HH	9757	216937	6.20%	0.114%
331	9.890	9.859	9.939	HH	40942	756672	21.64%	0.399%
332	9.956	9.939	9.965	HH	10177	152738	4.37%	0.080%
333	9.969	9.965	9.981	HH	10025	95517	2.73%	0.050%
334	9.995	9.981	10.049	HH	10049	383158	10.96%	0.202%
335	10.062	10.049	10.080	HH	9208	165264	4.73%	0.087%
336	10.104	10.080	10.132	HH	9305	285105	8.15%	0.150%
337	10.142	10.132	10.146	HH	9149	74732	2.14%	0.039%
338	10.166	10.146	10.197	HH	9646	283126	8.10%	0.149%
339	10.235	10.197	10.248	HH	12166	315943	9.04%	0.166%
340	10.277	10.248	10.304	HH	17073	428470	12.25%	0.226%
341	10.328	10.304	10.347	HH	11398	269419	7.71%	0.142%
342	10.368	10.347	10.395	HH	12584	305562	8.74%	0.161%
343	10.421	10.395	10.447	HH	12344	328136	9.39%	0.173%
344	10.465	10.447	10.492	HH	9624	258970	7.41%	0.136%
345	10.512	10.492	10.529	HH	9965	215508	6.16%	0.113%
346	10.557	10.529	10.579	HH	11243	309236	8.84%	0.163%
347	10.626	10.579	10.669	HH	33951	813107	23.26%	0.428%
348	10.694	10.669	10.724	HH	15290	410018	11.73%	0.216%
349	10.731	10.724	10.741	HH	10812	107620	3.08%	0.057%
350	10.754	10.741	10.778	HH	11138	232240	6.64%	0.122%
351	10.800	10.778	10.809	HH	9970	182087	5.21%	0.096%

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352	10.817	10.809	10.823	HH	10022	87354	2.50%	0.046%
353	10.828	10.823	10.832	HH	9936	50840	1.45%	0.027%
354	10.841	10.832	10.865	HH	10095	199290	5.70%	0.105%
355	10.887	10.865	10.921	HH	10070	328274	9.39%	0.173%
356	10.950	10.921	10.986	HH	11381	418570	11.97%	0.220%
357	11.001	10.986	11.006	HH	11082	127283	3.64%	0.067%
358	11.020	11.006	11.037	HH	11657	205463	5.88%	0.108%
359	11.044	11.037	11.064	HH	10864	165332	4.73%	0.087%
360	11.083	11.064	11.119	HH	11091	342681	9.80%	0.180%
361	11.135	11.119	11.166	HH	10667	283191	8.10%	0.149%
362	11.170	11.166	11.174	HH	9724	45123	1.29%	0.024%
363	11.196	11.174	11.205	HH	9838	180715	5.17%	0.095%
364	11.212	11.205	11.219	HH	9722	79002	2.26%	0.042%
365	11.225	11.219	11.230	HH	9781	66605	1.91%	0.035%
366	11.237	11.230	11.246	HH	9811	94589	2.71%	0.050%
367	11.273	11.246	11.296	HH	10126	296935	8.49%	0.156%
368	11.329	11.296	11.385	HH	19105	638526	18.26%	0.336%
369	11.416	11.385	11.469	HH	12011	524194	14.99%	0.276%
370	11.488	11.469	11.504	HH	9840	203948	5.83%	0.107%
371	11.513	11.504	11.527	HH	9890	130774	3.74%	0.069%
372	11.539	11.527	11.554	HH	9917	159122	4.55%	0.084%
373	11.571	11.554	11.594	HH	9914	238635	6.83%	0.126%
374	11.598	11.594	11.605	HH	9729	63072	1.80%	0.033%
375	11.623	11.605	11.667	HH	10164	368284	10.53%	0.194%
376	11.683	11.667	11.707	HH	9987	236202	6.76%	0.124%
377	11.730	11.707	11.748	HH	10727	250142	7.15%	0.132%
378	11.765	11.748	11.784	HH	10120	217602	6.22%	0.115%
379	11.813	11.784	11.835	HH	10219	304473	8.71%	0.160%
380	11.841	11.835	11.850	HH	9990	87495	2.50%	0.046%
381	11.855	11.850	11.869	HH	9946	114650	3.28%	0.060%
382	11.883	11.869	11.888	HH	9898	111126	3.18%	0.059%
383	11.893	11.888	11.900	HH	9840	70054	2.00%	0.037%
384	11.913	11.900	11.924	HH	9926	138830	3.97%	0.073%
385	11.929	11.924	11.957	HH	10106	198895	5.69%	0.105%
386	12.000	11.957	12.049	HH	11901	576336	16.48%	0.304%
387	12.055	12.049	12.060	HH	10073	65583	1.88%	0.035%
388	12.080	12.060	12.086	HH	10266	156352	4.47%	0.082%
389	12.095	12.086	12.119	HH	10299	199554	5.71%	0.105%
390	12.133	12.119	12.153	HH	10177	209600	5.99%	0.110%
391	12.158	12.153	12.178	HH	10084	145075	4.15%	0.076%
392	12.183	12.178	12.190	HH	9996	75357	2.16%	0.040%
393	12.210	12.190	12.227	HH	10437	224037	6.41%	0.118%
394	12.232	12.227	12.236	HH	10097	54753	1.57%	0.029%
395	12.241	12.236	12.256	HH	10116	121265	3.47%	0.064%
396	12.282	12.256	12.308	HH	10514	315143	9.01%	0.166%
397	12.326	12.308	12.355	HH	11160	295833	8.46%	0.156%
398	12.364	12.355	12.380	HH	10217	152071	4.35%	0.080%
399	12.408	12.380	12.451	HH	10497	435681	12.46%	0.229%
400	12.459	12.451	12.483	HH	10268	195544	5.59%	0.103%
401	12.506	12.483	12.511	HH	10238	171337	4.90%	0.090%
402	12.522	12.511	12.539	HH	10269	168924	4.83%	0.089%
403	12.543	12.539	12.550	HH	10200	68219	1.95%	0.036%
404	12.576	12.550	12.589	HH	10588	245671	7.03%	0.129%

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405	12.614	12.589	12.619	HH	10513	188411	5.39%	0.099%
406	12.639	12.619	12.666	HH	11217	299826	8.58%	0.158%
407	12.671	12.666	12.681	HH	10489	94691	2.71%	0.050%
408	12.706	12.681	12.728	HH	11058	299906	8.58%	0.158%
409	12.741	12.728	12.772	HH	10857	282629	8.08%	0.149%
410	12.778	12.772	12.785	HH	10508	84158	2.41%	0.044%
411	12.793	12.785	12.804	HH	10474	114412	3.27%	0.060%
412	12.818	12.804	12.825	HH	10580	136141	3.89%	0.072%
413	12.831	12.825	12.845	HH	10518	125266	3.58%	0.066%
414	12.855	12.845	12.866	HH	10508	133549	3.82%	0.070%
415	12.871	12.866	12.876	HH	10486	57438	1.64%	0.030%
416	12.896	12.876	12.901	HH	10559	160012	4.58%	0.084%
417	12.912	12.901	12.918	HH	10580	105301	3.01%	0.055%
418	12.924	12.918	12.934	HH	10583	105311	3.01%	0.055%
419	12.961	12.934	12.981	HH	11232	298906	8.55%	0.157%
420	12.990	12.981	13.000	HH	10703	121447	3.47%	0.064%
421	13.086	13.000	13.112	HH	11870	750402	21.46%	0.395%
422	13.129	13.112	13.134	HH	11544	155084	4.44%	0.082%
423	13.137	13.134	13.152	HH	11513	119666	3.42%	0.063%
424	13.172	13.152	13.222	HH	12288	486603	13.92%	0.256%
425	13.246	13.222	13.264	HH	11724	284947	8.15%	0.150%
426	13.275	13.264	13.311	HH	11486	317307	9.08%	0.167%
427	13.318	13.311	13.333	HH	11358	145986	4.18%	0.077%
428	13.344	13.333	13.369	HH	11099	242803	6.94%	0.128%
429	13.378	13.369	13.395	HH	11096	168422	4.82%	0.089%
430	13.415	13.395	13.426	HH	11161	208023	5.95%	0.110%
431	13.439	13.426	13.448	HH	11158	144639	4.14%	0.076%
432	13.488	13.448	13.496	HH	11421	328469	9.39%	0.173%
433	13.500	13.496	13.505	HH	11368	62854	1.80%	0.033%
434	13.510	13.505	13.514	HH	11467	61708	1.76%	0.032%
435	13.521	13.514	13.543	HH	11405	192617	5.51%	0.101%
436	13.554	13.543	13.561	HH	11390	122730	3.51%	0.065%
437	13.568	13.561	13.575	HH	11424	97485	2.79%	0.051%
438	13.583	13.575	13.587	HH	11474	84117	2.41%	0.044%
439	13.594	13.587	13.615	HH	11598	192376	5.50%	0.101%
440	13.631	13.615	13.648	HH	12070	229612	6.57%	0.121%
441	13.663	13.648	13.674	HH	11762	186280	5.33%	0.098%
442	13.688	13.674	13.705	HH	11768	215843	6.17%	0.114%
443	13.719	13.705	13.738	HH	11648	225298	6.44%	0.119%
444	13.750	13.738	13.760	HH	11606	155876	4.46%	0.082%
445	13.791	13.760	13.811	HH	13909	383071	10.96%	0.202%
446	13.829	13.811	13.853	HH	13765	319721	9.14%	0.168%
447	13.874	13.853	13.910	HH	12187	407630	11.66%	0.215%
448	13.916	13.910	13.925	HH	11844	107412	3.07%	0.057%
449	13.930	13.925	13.936	HH	11882	75602	2.16%	0.040%
450	13.958	13.936	13.966	HH	11949	212463	6.08%	0.112%
451	13.970	13.966	13.975	HH	11882	62197	1.78%	0.033%
452	13.979	13.975	13.984	HH	11925	68086	1.95%	0.036%
453	13.988	13.984	13.997	HH	11914	89781	2.57%	0.047%
454	14.012	13.997	14.019	HH	11849	152661	4.37%	0.080%
455	14.028	14.019	14.036	HH	11926	124562	3.56%	0.066%
456	14.061	14.036	14.083	HH	12147	339527	9.71%	0.179%

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457	14.101	14.083	14.105	HH	12073	160113	4.58%	0.084%
458	14.110	14.105	14.119	HH	12089	94204	2.69%	0.050%
459	14.141	14.119	14.144	HH	12127	188086	5.38%	0.099%
460	14.152	14.144	14.160	HH	12148	114172	3.27%	0.060%
461	14.191	14.160	14.209	HH	12518	361534	10.34%	0.190%
462	14.218	14.209	14.229	HH	12291	140630	4.02%	0.074%
463	14.275	14.229	14.321	HH	13991	746558	21.35%	0.393%
464	14.340	14.321	14.370	HH	13668	385829	11.04%	0.203%
465	14.391	14.370	14.415	HH	13467	352369	10.08%	0.186%
466	14.441	14.415	14.449	HH	13804	268779	7.69%	0.142%
467	14.462	14.449	14.483	HH	14801	278875	7.98%	0.147%
468	14.538	14.483	14.569	HH	13840	700114	20.02%	0.369%
469	14.587	14.569	14.619	HH	13218	394514	11.28%	0.208%
470	14.624	14.619	14.647	HH	13001	214444	6.13%	0.113%
471	14.661	14.647	14.668	HH	13037	158918	4.55%	0.084%
472	14.685	14.668	14.695	HH	13253	216172	6.18%	0.114%
473	14.727	14.695	14.762	HH	285939	3496343	100.00%	1.841%
474	14.771	14.762	14.794	HH	14125	267949	7.66%	0.141%
475	14.824	14.794	14.843	HH	13735	392654	11.23%	0.207%
476	14.866	14.843	14.874	HH	13750	259387	7.42%	0.137%
477	14.898	14.874	14.914	HH	14813	341665	9.77%	0.180%
478	14.930	14.914	14.963	HH	15706	418624	11.97%	0.220%
479	14.984	14.963	15.052	HH	20486	814227	23.29%	0.429%
480	15.065	15.052	15.103	HH	13595	407341	11.65%	0.215%
481	15.127	15.103	15.158	HH	13751	452903	12.95%	0.239%
482	15.178	15.158	15.204	HH	13593	372892	10.67%	0.196%
483	15.207	15.204	15.216	HH	13528	94317	2.70%	0.050%
484	15.248	15.216	15.258	HH	13709	340513	9.74%	0.179%
485	15.263	15.258	15.270	HH	13737	102572	2.93%	0.054%
486	15.282	15.270	15.288	HH	13929	145299	4.16%	0.077%
487	15.312	15.288	15.436	HH	93416	2883177	82.46%	1.518%
488	15.441	15.436	15.464	HH	17746	287338	8.22%	0.151%
489	15.476	15.464	15.498	HH	16999	329258	9.42%	0.173%
490	15.525	15.498	15.574	HH	48107	1099635	31.45%	0.579%
491	15.584	15.574	15.637	HH	15710	575735	16.47%	0.303%
492	15.644	15.637	15.654	HH	14984	148223	4.24%	0.078%
493	15.667	15.654	15.678	HH	14906	215206	6.16%	0.113%
494	15.681	15.678	15.693	HH	14859	133092	3.81%	0.070%
495	15.697	15.693	15.704	HH	14749	103227	2.95%	0.054%
496	15.712	15.704	15.717	HH	14815	110037	3.15%	0.058%
497	15.739	15.717	15.764	HH	14934	419220	11.99%	0.221%
498	15.773	15.764	15.779	HH	14863	136795	3.91%	0.072%
499	15.784	15.779	15.793	HH	14731	117683	3.37%	0.062%
500	15.821	15.793	15.826	HH	15045	295590	8.45%	0.156%
501	15.861	15.826	15.893	HH	16716	637600	18.24%	0.336%
502	15.908	15.893	15.929	HH	16179	337015	9.64%	0.177%
503	15.947	15.929	15.974	HH	16694	429628	12.29%	0.226%
504	15.979	15.974	15.998	HH	15291	226976	6.49%	0.120%
505	16.020	15.998	16.063	HH	17306	618278	17.68%	0.326%
506	16.084	16.063	16.094	HH	15612	284147	8.13%	0.150%
507	16.099	16.094	16.117	HH	15538	210610	6.02%	0.111%
508	16.151	16.117	16.176	HH	15919	553297	15.83%	0.291%
509	16.195	16.176	16.207	HH	15474	277304	7.93%	0.146%

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510	16.228	16.207	16.237	HH	15494	280611	8.03%	0.148%
511	16.257	16.237	16.266	HH	15770	273579	7.82%	0.144%
512	16.269	16.266	16.277	HH	15639	101378	2.90%	0.053%
513	16.288	16.277	16.292	HH	15684	140342	4.01%	0.074%
514	16.347	16.292	16.355	HH	19813	659097	18.85%	0.347%
515	16.359	16.355	16.374	HH	19508	214209	6.13%	0.113%
516	16.393	16.374	16.414	HH	22463	477866	13.67%	0.252%
517	16.428	16.414	16.486	HH	19315	761124	21.77%	0.401%
518	16.510	16.486	16.565	HH	21717	854812	24.45%	0.450%
519	16.593	16.565	16.615	HH	16851	501234	14.34%	0.264%
520	16.625	16.615	16.655	HH	16801	396587	11.34%	0.209%
521	16.661	16.655	16.684	HH	16558	279947	8.01%	0.147%
522	16.720	16.684	16.727	HH	16530	426858	12.21%	0.225%
523	16.735	16.727	16.740	HH	16491	131490	3.76%	0.069%
524	16.785	16.740	16.803	HH	17267	629658	18.01%	0.332%
525	16.861	16.803	16.875	HH	18486	753672	21.56%	0.397%
526	16.893	16.875	16.918	HH	22520	499190	14.28%	0.263%
527	16.942	16.918	16.961	HH	20457	474641	13.58%	0.250%
528	16.980	16.961	17.005	HH	21061	501021	14.33%	0.264%
529	17.017	17.005	17.033	HH	17417	285463	8.16%	0.150%
530	17.047	17.033	17.054	HH	17341	221246	6.33%	0.117%
531	17.071	17.054	17.081	HH	17402	277422	7.93%	0.146%
532	17.088	17.081	17.098	HH	17447	177309	5.07%	0.093%
533	17.102	17.098	17.135	HH	17480	391236	11.19%	0.206%
534	17.168	17.135	17.208	HH	17766	763890	21.85%	0.402%
535	17.234	17.208	17.239	HH	17741	324283	9.27%	0.171%
536	17.294	17.239	17.300	HH	19541	693131	19.82%	0.365%
537	17.311	17.300	17.324	HH	19731	281061	8.04%	0.148%
538	17.343	17.324	17.389	HH	26383	799050	22.85%	0.421%
539	17.391	17.389	17.408	HH	18287	214640	6.14%	0.113%
540	17.435	17.408	17.469	HH	21992	707394	20.23%	0.373%
541	17.488	17.469	17.528	HH	18471	640168	18.31%	0.337%
542	17.532	17.528	17.539	HH	18068	127835	3.66%	0.067%
543	17.566	17.539	17.590	HH	18915	558636	15.98%	0.294%
544	17.595	17.590	17.602	HH	18126	127759	3.65%	0.067%
545	17.606	17.602	17.610	HH	18091	88473	2.53%	0.047%
546	17.638	17.610	17.667	HH	18636	628520	17.98%	0.331%
547	17.683	17.667	17.699	HH	18835	362641	10.37%	0.191%
548	17.744	17.699	17.757	HH	21561	685266	19.60%	0.361%
549	17.779	17.757	17.810	HH	25777	699474	20.01%	0.368%
550	17.825	17.810	17.829	HH	19317	213493	6.11%	0.112%
551	17.832	17.829	17.843	HH	19315	168940	4.83%	0.089%
552	17.874	17.843	17.915	HH	34990	999230	28.58%	0.526%
553	17.940	17.915	17.965	HH	20328	590024	16.88%	0.311%
554	17.977	17.965	17.989	HH	19923	289016	8.27%	0.152%
555	18.004	17.989	18.010	HH	20243	254195	7.27%	0.134%
556	18.030	18.010	18.074	HH	25896	839170	24.00%	0.442%
557	18.141	18.074	18.184	HH	43657	1911302	54.67%	1.007%
558	18.200	18.184	18.265	HH	33900	1313358	37.56%	0.692%
559	18.269	18.265	18.285	HH	22388	266348	7.62%	0.140%
560	18.303	18.285	18.359	HH	23870	969351	27.72%	0.511%
561	18.384	18.359	18.397	HH	20837	477884	13.67%	0.252%

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562	18.412	18.397	18.430	HH	21053	417269	11.93%	0.220%
563	18.451	18.430	18.459	HH	21009	354756	10.15%	0.187%
564	18.463	18.459	18.469	HH	21081	136167	3.89%	0.072%
565	18.511	18.469	18.547	HH	26888	1050618	30.05%	0.553%
566	18.604	18.547	18.659	HH	34563	1624671	46.47%	0.856%
567	18.663	18.659	18.671	HH	21442	149811	4.28%	0.079%
568	18.715	18.671	18.762	HH	32477	1331598	38.09%	0.701%
569	18.789	18.762	18.808	HH	23595	628231	17.97%	0.331%
570	18.811	18.808	18.834	HH	22509	344629	9.86%	0.182%
571	18.840	18.834	18.855	HH	22244	286454	8.19%	0.151%
572	18.865	18.855	18.908	HH	22026	687744	19.67%	0.362%
573	18.933	18.908	18.950	HH	23008	572165	16.36%	0.301%
574	19.006	18.950	19.022	HH	35502	1281648	36.66%	0.675%
575	19.032	19.022	19.098	HH	30669	1246252	35.64%	0.656%
576	19.114	19.098	19.141	HH	24988	628371	17.97%	0.331%
577	19.163	19.141	19.177	HH	26006	538379	15.40%	0.284%
578	19.190	19.177	19.245	HH	25821	992926	28.40%	0.523%
579	19.272	19.245	19.318	HH	24273	1021381	29.21%	0.538%
580	19.321	19.318	19.329	HH	22901	148544	4.25%	0.078%
581	19.348	19.329	19.364	HH	24692	501792	14.35%	0.264%
582	19.391	19.364	19.425	HH	30294	944018	27.00%	0.497%
583	19.433	19.425	19.451	HH	23474	360492	10.31%	0.190%
584	19.502	19.451	19.564	HH	31532	1708666	48.87%	0.900%
585	19.587	19.564	19.605	HH	24996	607430	17.37%	0.320%
586	19.625	19.605	19.656	HH	26174	762443	21.81%	0.402%
587	19.681	19.656	19.717	HH	25191	893912	25.57%	0.471%
588	19.724	19.717	19.738	HH	24175	307377	8.79%	0.162%
589	19.770	19.738	19.817	HH	34285	1320330	37.76%	0.695%
590	19.825	19.817	19.844	HH	24992	409146	11.70%	0.215%
591	19.850	19.844	19.858	HH	24570	200382	5.73%	0.106%
592	19.872	19.858	19.901	HH	24973	643433	18.40%	0.339%
593	19.936	19.901	19.948	HH	24710	679168	19.43%	0.358%
594	19.952	19.948	19.964	HH	24650	241675	6.91%	0.127%
595	19.985	19.964	19.991	HH	25169	398504	11.40%	0.210%
596	20.020	19.991	20.066	HH	26631	1152046	32.95%	0.607%
597	20.093	20.066	20.102	HH	25670	547534	15.66%	0.288%
598	20.130	20.102	20.153	HH	33021	873953	25.00%	0.460%
599	20.171	20.153	20.203	HH	26549	772597	22.10%	0.407%
600	20.219	20.203	20.226	HH	25824	361576	10.34%	0.190%
601	20.232	20.226	20.237	HH	26077	176229	5.04%	0.093%
602	20.253	20.237	20.279	HH	26732	658311	18.83%	0.347%
603	20.304	20.279	20.339	HH	28649	942491	26.96%	0.496%
604	20.355	20.339	20.360	HH	25717	333188	9.53%	0.175%
605	20.367	20.360	20.373	HH	25693	192481	5.51%	0.101%
606	20.394	20.373	20.415	HH	26281	661868	18.93%	0.349%
607	20.420	20.415	20.438	HH	25797	350874	10.04%	0.185%
608	20.485	20.438	20.521	HH	33811	1399565	40.03%	0.737%
609	20.527	20.521	20.552	HH	26413	483035	13.82%	0.254%
610	20.584	20.552	20.627	HH	26653	1185034	33.89%	0.624%
611	20.651	20.627	20.699	HH	27594	1167837	33.40%	0.615%
612	20.702	20.699	20.713	HH	26310	210161	6.01%	0.111%
613	20.716	20.713	20.720	HH	26352	117476	3.36%	0.062%
614	20.724	20.720	20.731	HH	26352	178982	5.12%	0.094%

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615	20.737	20.731	20.742	HH	26228	162953	4.66%	0.086%
616	20.747	20.742	20.758	HH	26211	248537	7.11%	0.131%
617	20.765	20.758	20.769	HH	26250	183324	5.24%	0.097%
618	20.776	20.769	20.786	HH	26256	262258	7.50%	0.138%
619	20.791	20.786	20.799	HH	26250	208793	5.97%	0.110%
620	20.812	20.799	20.818	HH	26288	289587	8.28%	0.153%
621	20.823	20.818	20.836	HH	26295	289027	8.27%	0.152%
622	20.869	20.836	20.900	HH	34401	1120744	32.05%	0.590%
623	20.908	20.900	20.919	HH	26341	293650	8.40%	0.155%
624	20.924	20.919	20.941	HH	26280	348360	9.96%	0.183%
625	20.947	20.941	20.956	HH	26309	237844	6.80%	0.125%
626	20.959	20.956	20.967	HH	26253	175046	5.01%	0.092%
627	20.993	20.967	21.006	HH	26382	612453	17.52%	0.323%
628	21.018	21.006	21.042	HH	26475	566757	16.21%	0.298%
629	21.051	21.042	21.057	HH	26454	237074	6.78%	0.125%
630	21.065	21.057	21.070	HH	26371	210587	6.02%	0.111%
631	21.076	21.070	21.117	HH	26384	735845	21.05%	0.388%
632	21.124	21.117	21.142	HH	26368	393472	11.25%	0.207%
633	21.149	21.142	21.158	HH	26375	258731	7.40%	0.136%
634	21.191	21.158	21.232	HH	27403	1177888	33.69%	0.620%
635	21.238	21.232	21.254	HH	26245	353249	10.10%	0.186%
636	21.294	21.254	21.352	HH	33199	1654814	47.33%	0.872%
637	21.357	21.352	21.395	HH	26503	688518	19.69%	0.363%
638	21.408	21.395	21.418	HH	26499	367254	10.50%	0.193%
639	21.426	21.418	21.435	HH	26464	269234	7.70%	0.142%
640	21.445	21.435	21.461	HH	26510	404839	11.58%	0.213%
641	21.465	21.461	21.498	HH	26448	588629	16.84%	0.310%
642	21.537	21.498	21.569	HH	27002	1127563	32.25%	0.594%
643	21.573	21.569	21.585	HH	26370	257377	7.36%	0.136%
644	21.594	21.585	21.605	HH	26346	313994	8.98%	0.165%
645	21.617	21.605	21.626	HH	26298	329567	9.43%	0.174%
646	21.633	21.626	21.639	HH	26276	196736	5.63%	0.104%
647	21.643	21.639	21.648	HH	26234	155095	4.44%	0.082%
648	21.654	21.648	21.661	HH	26310	199326	5.70%	0.105%
649	21.667	21.661	21.687	HH	26320	407016	11.64%	0.214%
650	21.696	21.687	21.701	HH	26283	218813	6.26%	0.115%
651	21.714	21.701	21.720	HH	26271	305803	8.75%	0.161%
652	21.774	21.720	21.872	HH	32232	2531883	72.42%	1.333%
653	21.878	21.872	21.890	HH	26287	289049	8.27%	0.152%
654	21.903	21.890	21.909	HH	26333	288973	8.27%	0.152%
655	21.917	21.909	21.927	HH	26409	289580	8.28%	0.153%
656	21.933	21.927	21.944	HH	26411	267793	7.66%	0.141%
657	21.948	21.944	21.962	HH	26354	291476	8.34%	0.154%
658	21.978	21.962	21.987	HH	26377	387444	11.08%	0.204%
659	21.990	21.987	21.995	HH	26346	130072	3.72%	0.069%
660	22.001	21.995	22.021	HH	26431	409200	11.70%	0.216%
661	22.024	22.021	22.029	HH	26358	131491	3.76%	0.069%
662	22.038	22.029	22.059	HH	26380	474052	13.56%	0.250%
663	22.062	22.059	22.089	HH	26344	472684	13.52%	0.249%
664	22.116	22.089	22.127	HH	26338	590067	16.88%	0.311%
665	22.133	22.127	22.139	HH	26336	196852	5.63%	0.104%
666	22.152	22.139	22.163	HH	26273	376426	10.77%	0.198%

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667	22.177	22.163	22.186	HH	26334	358699	10.26%	0.189%
668	22.194	22.186	22.221	HH	26300	549633	15.72%	0.289%
669	22.237	22.221	22.248	HH	26330	422056	12.07%	0.222%
670	22.269	22.248	22.276	HH	26297	449700	12.86%	0.237%
671	22.324	22.276	22.377	HH	31195	1690154	48.34%	0.890%
672	22.381	22.377	22.388	HH	26465	177306	5.07%	0.093%
673	22.394	22.388	22.399	HH	26424	184873	5.29%	0.097%
674	22.404	22.399	22.425	HH	26433	409180	11.70%	0.215%
675	22.434	22.425	22.443	HH	26423	287634	8.23%	0.151%
676	22.451	22.443	22.460	HH	26470	266439	7.62%	0.140%
677	22.469	22.460	22.473	HH	26470	206692	5.91%	0.109%
678	22.489	22.473	22.498	HH	26561	386492	11.05%	0.204%
679	22.508	22.498	22.524	HH	26606	413827	11.84%	0.218%
680	22.529	22.524	22.534	HH	26607	159491	4.56%	0.084%
681	22.560	22.534	22.614	HH	27115	1301102	37.21%	0.685%
682	22.629	22.614	22.677	HH	26642	991783	28.37%	0.522%
683	22.684	22.677	22.699	HH	26349	341743	9.77%	0.180%
684	22.705	22.699	22.718	HH	26379	302269	8.65%	0.159%
685	22.721	22.718	22.736	HH	26304	288890	8.26%	0.152%
686	22.750	22.736	22.777	HH	26299	642453	18.38%	0.338%
687	22.786	22.777	22.793	HH	26351	249321	7.13%	0.131%
688	22.810	22.793	22.818	HH	26388	394055	11.27%	0.208%
689	22.821	22.818	22.825	HH	26301	118234	3.38%	0.062%
690	22.836	22.825	22.851	HH	26292	406981	11.64%	0.214%
691	22.854	22.851	22.867	HH	26267	257029	7.35%	0.135%
692	22.872	22.867	22.887	HH	26233	306391	8.76%	0.161%
693	22.890	22.887	22.897	HH	26374	152008	4.35%	0.080%
694	22.953	22.897	23.039	HH	29913	2346567	67.11%	1.236%
695	23.044	23.039	23.058	HH	26324	289082	8.27%	0.152%
696	23.065	23.058	23.077	HH	26295	301942	8.64%	0.159%
697	23.098	23.077	23.102	HH	26306	400749	11.46%	0.211%
698	23.116	23.102	23.128	HH	26320	400468	11.45%	0.211%
699	23.136	23.128	23.145	HH	26426	272618	7.80%	0.144%
700	23.150	23.145	23.156	HH	26434	175745	5.03%	0.093%
701	23.159	23.156	23.170	HH	26413	218860	6.26%	0.115%
702	23.180	23.170	23.199	HH	26391	460720	13.18%	0.243%
703	23.206	23.199	23.211	HH	26276	188485	5.39%	0.099%
704	23.217	23.211	23.246	HH	26289	544551	15.57%	0.287%
705	23.253	23.246	23.266	HH	26190	320108	9.16%	0.169%
706	23.269	23.266	23.273	HH	26123	116837	3.34%	0.062%
707	23.289	23.273	23.299	HH	26221	393412	11.25%	0.207%
708	23.302	23.299	23.306	HH	26333	118022	3.38%	0.062%
709	23.319	23.306	23.327	HH	26290	328029	9.38%	0.173%
710	23.336	23.327	23.350	HH	26294	367775	10.52%	0.194%
711	23.354	23.350	23.365	HH	26304	227181	6.50%	0.120%
712	23.389	23.365	23.399	HH	26366	545086	15.59%	0.287%
713	23.407	23.399	23.413	HH	26304	212757	6.09%	0.112%
714	23.417	23.413	23.426	HH	26302	205885	5.89%	0.108%
715	23.477	23.426	23.530	HH	26792	1662596	47.55%	0.876%
716	23.538	23.530	23.546	HH	26338	242651	6.94%	0.128%
717	23.549	23.546	23.566	HH	26317	321153	9.19%	0.169%
718	23.573	23.566	23.581	HH	26325	239274	6.84%	0.126%
719	23.588	23.581	23.604	HH	26286	351957	10.07%	0.185%

					rteres			
720	23.606	23.604	23.611	HH	26266	117875	3.37%	0.062%
721	23.677	23.611	23.770	HH	29034	2589298	74.06%	1.364%
722	23.775	23.770	23.794	HH	26327	368809	10.55%	0.194%
723	23.807	23.794	23.818	HH	26349	380214	10.87%	0.200%
724	23.822	23.818	23.838	HH	26337	321042	9.18%	0.169%
725	23.844	23.838	23.849	HH	26249	164083	4.69%	0.086%
726	23.857	23.849	23.872	HH	26293	367053	10.50%	0.193%
727	23.889	23.872	23.906	HH	26296	537338	15.37%	0.283%
728	23.909	23.906	23.917	HH	26288	170827	4.89%	0.090%
729	23.928	23.917	23.941	HH	26277	380226	10.87%	0.200%
730	23.946	23.941	23.956	HH	26258	235786	6.74%	0.124%
731	23.962	23.956	23.972	HH	26235	248944	7.12%	0.131%
732	23.975	23.972	23.984	HH	26223	196585	5.62%	0.104%
733	23.990	23.984	23.996	HH	26249	183481	5.25%	0.097%
734	24.000	23.996	24.010	HH	26180	216595	6.19%	0.114%
735	24.017	24.010	24.033	HH	26212	358791	10.26%	0.189%
736	24.037	24.033	24.056	HH	26242	372317	10.65%	0.196%
737	24.081	24.056	24.086	HH	26270	465282	13.31%	0.245%
738	24.090	24.086	24.095	HH	26255	144239	4.13%	0.076%
739	24.098	24.095	24.106	HH	26259	170404	4.87%	0.090%
740	24.115	24.106	24.129	HH	26287	367071	10.50%	0.193%
741	24.135	24.129	24.149	HH	26203	300507	8.59%	0.158%
742	24.162	24.149	24.168	HH	26178	300357	8.59%	0.158%
743	24.172	24.168	24.194	HH	26188	405218	11.59%	0.213%
744	24.206	24.194	24.219	HH	26226	392440	11.22%	0.207%
745	24.223	24.219	24.229	HH	26152	169878	4.86%	0.089%
746	24.242	24.229	24.268	HH	26207	605619	17.32%	0.319%
747	24.272	24.268	24.280	HH	26178	191890	5.49%	0.101%
748	24.290	24.280	24.299	HH	26159	294530	8.42%	0.155%
749	24.310	24.299	24.316	HH	26233	263178	7.53%	0.139%
750	24.320	24.316	24.339	HH	26152	369417	10.57%	0.195%
751	24.343	24.339	24.353	HH	26121	208908	5.98%	0.110%
752	24.358	24.353	24.362	HH	26153	150782	4.31%	0.079%
753	24.372	24.362	24.384	HH	26139	332417	9.51%	0.175%
754	24.388	24.384	24.394	HH	26194	156825	4.49%	0.083%
755	24.396	24.394	24.414	HH	26199	326367	9.33%	0.172%
756	24.429	24.414	24.437	HH	26189	352692	10.09%	0.186%
757	24.442	24.437	24.452	HH	26178	245002	7.01%	0.129%
758	24.464	24.452	24.470	HH	26167	277831	7.95%	0.146%
759	24.524	24.470	24.607	HH	28363	2231268	63.82%	1.175%
760	24.616	24.607	24.628	HH	26467	341061	9.75%	0.180%
761	24.634	24.628	24.650	HHA	26466	353012	10.10%	0.186%
					Sum of corrected areas:	189876238		

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