

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE012918\
 Data File : FE025960.D
 Signal(s) : FID1B.CH
 Acq On : 29 Jan 2018 17:19
 Sample : J1326-01
 Misc :
 ALS Vial : 5 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	2.446	2.401	2.496	BH	13200	98434	0.03%	0.000%
2	2.512	2.496	2.526	PH	535	870	0.00%	0.000%
3	2.531	2.526	2.552	PH	-320	-6019	-0.00%	-0.000%
4	2.568	2.552	2.586	PH	-186	-7475	-0.00%	-0.000%
5	2.592	2.586	2.596	PH	-203	-1672	-0.00%	-0.000%
6	2.606	2.596	2.619	PH	617	2495	0.00%	0.000%
7	2.624	2.619	2.644	PH	46	-1292	-0.00%	-0.000%
8	2.661	2.644	2.670	PH	8611	60641	0.02%	0.000%
9	2.674	2.670	2.694	HH	5172	44836	0.01%	0.000%
10	2.711	2.694	2.751	HH	31368	277149	0.08%	0.001%
11	2.763	2.751	2.777	HH	4328	32542	0.01%	0.000%
12	2.790	2.777	2.821	HH	2995	34425	0.01%	0.000%
13	2.828	2.821	2.836	HH	728	5504	0.00%	0.000%
14	2.842	2.836	2.858	HH	695	4123	0.00%	0.000%
15	2.862	2.858	2.868	PH	97	-186	-0.00%	-0.000%
16	2.912	2.868	2.942	PH	13443	165247	0.04%	0.001%
17	2.951	2.942	2.973	HH	2298	23389	0.01%	0.000%
18	2.992	2.973	3.066	HH	34123	526380	0.14%	0.002%
19	3.086	3.066	3.099	HH	4586	62688	0.02%	0.000%
20	3.110	3.099	3.124	HH	4034	39247	0.01%	0.000%
21	3.138	3.124	3.144	HH	5510	41842	0.01%	0.000%
22	3.157	3.144	3.172	HH	14514	163534	0.04%	0.001%
23	3.183	3.172	3.201	HH	10536	123543	0.03%	0.000%
24	3.215	3.201	3.248	HH	26750	305645	0.08%	0.001%
25	3.272	3.248	3.286	HH	26605	277106	0.08%	0.001%
26	3.296	3.286	3.330	HH	14165	171026	0.05%	0.001%
27	3.341	3.330	3.377	HH	3908	59475	0.02%	0.000%
28	3.395	3.377	3.408	HH	3035	37985	0.01%	0.000%
29	3.421	3.408	3.431	HH	6355	59284	0.02%	0.000%
30	3.447	3.431	3.455	HH	17088	156871	0.04%	0.001%
31	3.466	3.455	3.482	HH	29240	272345	0.07%	0.001%
32	3.496	3.482	3.535	HH	11733	152589	0.04%	0.000%
33	3.572	3.535	3.583	HH	9037	128350	0.03%	0.000%
34	3.596	3.583	3.615	HH	30519	280369	0.08%	0.001%
35	3.635	3.615	3.655	HH	6727	126515	0.03%	0.000%
36	3.660	3.655	3.674	HH	4316	39964	0.01%	0.000%

rteres.txt								
37	3.688	3.674	3.697	HH	10667	93741	0.03%	0.000%
38	3.712	3.697	3.734	HH	54603	543541	0.15%	0.002%
39	3.747	3.734	3.796	HH	25952	399954	0.11%	0.001%
40	3.818	3.796	3.827	HH	10500	131083	0.04%	0.000%
41	3.834	3.827	3.840	HH	9215	67632	0.02%	0.000%
42	3.847	3.840	3.860	HH	9399	94524	0.03%	0.000%
43	3.887	3.860	3.902	HH	14514	267292	0.07%	0.001%
44	3.912	3.902	3.926	HH	11614	119661	0.03%	0.000%
45	3.952	3.926	3.965	HH	42465	494488	0.13%	0.002%
46	3.972	3.965	4.012	HH	21616	353104	0.10%	0.001%
47	4.036	4.012	4.083	HH	34338	606267	0.16%	0.002%
48	4.112	4.083	4.122	HH	16780	249993	0.07%	0.001%
49	4.139	4.122	4.166	HH	25154	525424	0.14%	0.002%
50	4.177	4.166	4.183	HH	24138	208981	0.06%	0.001%
51	4.191	4.183	4.197	HH	24701	208454	0.06%	0.001%
52	4.209	4.197	4.255	HH	34051	614591	0.17%	0.002%
53	4.289	4.255	4.307	HH	129741	1665746	0.45%	0.005%
54	4.318	4.307	4.344	HH	49448	745601	0.20%	0.002%
55	4.355	4.344	4.367	HH	23857	268148	0.07%	0.001%
56	4.375	4.367	4.397	HH	18374	215271	0.06%	0.001%
57	4.429	4.397	4.446	HH	29106	532667	0.14%	0.002%
58	4.469	4.446	4.492	HH	32947	594773	0.16%	0.002%
59	4.512	4.492	4.546	HH	74738	1114020	0.30%	0.004%
60	4.568	4.546	4.585	HH	54317	748308	0.20%	0.002%
61	4.597	4.585	4.617	HH	40652	566859	0.15%	0.002%
62	4.626	4.617	4.644	HH	20742	250242	0.07%	0.001%
63	4.676	4.644	4.685	HH	34819	583142	0.16%	0.002%
64	4.692	4.685	4.698	HH	31353	231840	0.06%	0.001%
65	4.712	4.698	4.749	HH	61630	1130047	0.31%	0.004%
66	4.765	4.749	4.777	HH	29728	415745	0.11%	0.001%
67	4.795	4.777	4.813	HH	60997	786886	0.21%	0.003%
68	4.833	4.813	4.868	HH	38340	1035457	0.28%	0.003%
69	4.881	4.868	4.888	HH	40264	430852	0.12%	0.001%
70	4.901	4.888	4.930	HH	60357	1068621	0.29%	0.003%
71	4.943	4.930	4.963	HH	42451	699603	0.19%	0.002%
72	4.986	4.963	5.007	HH	109288	1668323	0.45%	0.005%
73	5.016	5.007	5.021	HH	32419	269129	0.07%	0.001%
74	5.035	5.021	5.046	HH	41472	528675	0.14%	0.002%
75	5.055	5.046	5.089	HH	37842	816133	0.22%	0.003%
76	5.119	5.089	5.129	HH	43272	816651	0.22%	0.003%
77	5.139	5.129	5.148	HH	40370	426319	0.12%	0.001%
78	5.164	5.148	5.191	HH	68972	1404941	0.38%	0.005%
79	5.211	5.191	5.218	HH	62087	891301	0.24%	0.003%
80	5.232	5.218	5.273	HH	142925	2791439	0.76%	0.009%
81	5.279	5.273	5.295	HH	53344	586177	0.16%	0.002%
82	5.325	5.295	5.337	HH	42840	948238	0.26%	0.003%
83	5.353	5.337	5.365	HH	62687	842051	0.23%	0.003%
84	5.387	5.365	5.400	HH	67973	1199659	0.32%	0.004%
85	5.441	5.400	5.481	HH	293487	5519011	1.49%	0.018%
86	5.493	5.481	5.525	HH	68248	1580439	0.43%	0.005%
87	5.552	5.525	5.565	HH	105757	1813700	0.49%	0.006%
88	5.579	5.565	5.592	HH	142477	1786226	0.48%	0.006%
89	5.611	5.592	5.657	HH	221163	3913973	1.06%	0.013%

rteres.txt								
90	5.678	5.657	5.694	HH	78846	1459507	0.40%	0.005%
91	5.700	5.694	5.709	HH	64649	591900	0.16%	0.002%
92	5.742	5.709	5.778	HH	191081	4870084	1.32%	0.016%
93	5.795	5.778	5.804	HH	87698	1279948	0.35%	0.004%
94	5.812	5.804	5.823	HH	87020	895792	0.24%	0.003%
95	5.847	5.823	5.883	HH	164545	3611701	0.98%	0.012%
96	5.898	5.883	5.912	HH	111200	1580065	0.43%	0.005%
97	5.935	5.912	5.986	HH	268806	6321311	1.71%	0.021%
98	6.016	5.986	6.031	HH	103859	2455713	0.66%	0.008%
99	6.067	6.031	6.091	HH	343060	6184616	1.67%	0.020%
100	6.103	6.091	6.119	HH	126226	1840831	0.50%	0.006%
101	6.149	6.119	6.164	HH	182880	3753439	1.02%	0.012%
102	6.173	6.164	6.181	HH	152099	1549330	0.42%	0.005%
103	6.199	6.181	6.224	HH	295879	4920026	1.33%	0.016%
104	6.248	6.224	6.266	HH	311191	5387307	1.46%	0.018%
105	6.295	6.266	6.313	HH	220728	5156117	1.40%	0.017%
106	6.343	6.313	6.360	HH	247313	5420522	1.47%	0.018%
107	6.374	6.360	6.393	HH	193115	3308909	0.90%	0.011%
108	6.407	6.393	6.428	HH	165820	3144934	0.85%	0.010%
109	6.463	6.428	6.473	HH	275501	5760333	1.56%	0.019%
110	6.490	6.473	6.507	HH	428294	6639579	1.80%	0.022%
111	6.516	6.507	6.526	HH	219030	2442698	0.66%	0.008%
112	6.534	6.526	6.547	HH	222588	2502523	0.68%	0.008%
113	6.558	6.547	6.573	HH	216267	3010697	0.82%	0.010%
114	6.589	6.573	6.612	HH	268770	4886321	1.32%	0.016%
115	6.630	6.612	6.642	HH	339247	4623431	1.25%	0.015%
116	6.648	6.642	6.660	HH	256594	2605339	0.71%	0.008%
117	6.692	6.660	6.707	HH	304886	7095388	1.92%	0.023%
118	6.730	6.707	6.753	HH	305354	7092714	1.92%	0.023%
119	6.763	6.753	6.773	HH	217001	2563897	0.69%	0.008%
120	6.796	6.773	6.822	HH	318253	7611733	2.06%	0.025%
121	6.832	6.822	6.837	HH	233416	2031220	0.55%	0.007%
122	6.864	6.837	6.880	HH	329529	7381041	2.00%	0.024%
123	6.902	6.880	6.917	HH	315378	6256709	1.69%	0.020%
124	6.947	6.917	6.964	HH	468711	9755871	2.64%	0.032%
125	6.970	6.964	6.981	HH	305039	3148014	0.85%	0.010%
126	7.001	6.981	7.020	HH	418140	8101222	2.19%	0.026%
127	7.038	7.020	7.045	HH	355058	5039309	1.36%	0.016%
128	7.058	7.045	7.074	HH	366016	6304029	1.71%	0.020%
129	7.100	7.074	7.120	HH	434224	10676492	2.89%	0.035%
130	7.154	7.120	7.165	HH	412842	10366650	2.81%	0.034%
131	7.195	7.165	7.210	HH	472930	12058221	3.26%	0.039%
132	7.219	7.210	7.227	HH	429317	4331050	1.17%	0.014%
133	7.249	7.227	7.265	HH	474726	10206519	2.76%	0.033%
134	7.268	7.265	7.305	HH	453263	10165067	2.75%	0.033%
135	7.341	7.305	7.349	HH	466367	11619549	3.15%	0.038%
136	7.362	7.349	7.375	HH	480671	7350135	1.99%	0.024%
137	7.384	7.375	7.399	HH	458922	6358248	1.72%	0.021%
138	7.428	7.399	7.437	HH	474054	10649791	2.88%	0.035%
139	7.454	7.437	7.461	HH	541247	7352200	1.99%	0.024%
140	7.477	7.461	7.491	HH	569670	10072107	2.73%	0.033%
141	7.514	7.491	7.523	HH	583428	10791441	2.92%	0.035%

rteres.txt								
142	7.550	7.523	7.561	HH	596721	13554169	3.67%	0.044%
143	7.574	7.561	7.587	HH	595573	8949518	2.42%	0.029%
144	7.652	7.587	7.661	HH	663403	28031894	7.59%	0.091%
145	7.672	7.661	7.679	HH	668600	7306126	1.98%	0.024%
146	7.689	7.679	7.694	HH	675332	5812752	1.57%	0.019%
147	7.697	7.694	7.711	HH	675511	6991424	1.89%	0.023%
148	7.759	7.711	7.768	HH	725830	23773959	6.44%	0.077%
149	7.771	7.768	7.776	HH	726367	3530192	0.96%	0.011%
150	7.799	7.776	7.806	HH	742752	13281509	3.60%	0.043%
151	7.811	7.806	7.830	HH	738675	10241163	2.77%	0.033%
152	7.847	7.830	7.866	HH	753947	16045393	4.34%	0.052%
153	7.903	7.866	7.907	HH	799269	19072747	5.16%	0.062%
154	7.924	7.907	7.928	HH	822406	10009780	2.71%	0.033%
155	7.954	7.928	7.969	HH	862891	20883877	5.65%	0.068%
156	7.990	7.969	7.998	HH	878785	15157556	4.10%	0.049%
157	8.013	7.998	8.021	HH	893487	12405654	3.36%	0.040%
158	8.048	8.021	8.053	HH	934346	17316484	4.69%	0.056%
159	8.112	8.053	8.126	HH	1054166	44208836	11.97%	0.144%
160	8.162	8.126	8.166	HH	1091087	25715014	6.96%	0.084%
161	8.180	8.166	8.186	HH	1107322	13263789	3.59%	0.043%
162	8.192	8.186	8.206	HH	1113842	13007426	3.52%	0.042%
163	8.235	8.206	8.243	HH	1159620	25196600	6.82%	0.082%
164	8.266	8.243	8.278	HH	1180627	24833571	6.72%	0.081%
165	8.284	8.278	8.288	HH	1168731	6594406	1.79%	0.021%
166	8.305	8.288	8.309	HH	1191638	14898635	4.03%	0.048%
167	8.379	8.309	8.388	HH	1297719	59175202	16.02%	0.192%
168	8.397	8.388	8.409	HH	1297594	16873393	4.57%	0.055%
169	8.436	8.409	8.445	HH	1340346	27906312	7.56%	0.091%
170	8.520	8.445	8.533	HH	2058687	93595956	25.34%	0.304%
171	8.544	8.533	8.564	HH	2097037	38542124	10.44%	0.125%
172	8.573	8.564	8.578	HH	2123529	18210777	4.93%	0.059%
173	8.583	8.578	8.590	HH	2140128	14776494	4.00%	0.048%
174	8.609	8.590	8.629	HH	2160928	50559953	13.69%	0.164%
175	8.636	8.629	8.729	HH	2158010	121505103	32.90%	0.395%
176	8.733	8.729	8.738	HH	1882255	10015866	2.71%	0.033%
177	8.743	8.738	8.748	HH	1885850	11559548	3.13%	0.038%
178	8.754	8.748	8.765	HH	1883258	19639049	5.32%	0.064%
179	8.774	8.765	8.787	HH	1874859	24227648	6.56%	0.079%
180	8.830	8.787	8.834	HH	2036582	54527889	14.76%	0.177%
181	8.896	8.834	8.900	HH	2245610	85196151	23.07%	0.277%
182	8.908	8.900	8.915	HH	2278676	19204150	5.20%	0.062%
183	8.932	8.915	8.936	HH	2298613	29322779	7.94%	0.095%
184	8.965	8.936	8.971	HH	2371613	48844321	13.22%	0.159%
185	8.999	8.971	9.003	HH	2475123	46294833	12.53%	0.150%
186	9.033	9.003	9.043	HH	2559584	61585484	16.67%	0.200%
187	9.066	9.043	9.071	HH	2573242	42861632	11.60%	0.139%
188	9.081	9.071	9.091	HH	2581859	30782167	8.33%	0.100%
189	9.095	9.091	9.099	HH	2590215	11559742	3.13%	0.038%
190	9.111	9.099	9.124	HH	2590855	38688759	10.47%	0.126%
191	9.141	9.124	9.144	HH	2597021	31832331	8.62%	0.103%
192	9.150	9.144	9.160	HH	2610957	23911863	6.47%	0.078%
193	9.180	9.160	9.185	HH	2610504	39630154	10.73%	0.129%
194	9.191	9.185	9.202	HH	2651004	26684826	7.22%	0.087%

rteres.txt								
195	9.207	9.202	9.211	HH	2612344	14332538	3.88%	0.047%
196	9.221	9.211	9.239	HH	2645832	43270547	11.72%	0.141%
197	9.256	9.239	9.263	HH	2688092	39046521	10.57%	0.127%
198	9.299	9.263	9.306	HH	2755450	68865740	18.65%	0.224%
199	9.315	9.306	9.320	HH	2768839	24685734	6.68%	0.080%
200	9.340	9.320	9.344	HH	2836160	39024120	10.57%	0.127%
201	9.350	9.344	9.359	HH	2858981	25203863	6.82%	0.082%
202	9.364	9.359	9.370	HH	2827863	18570336	5.03%	0.060%
203	9.381	9.370	9.385	HH	2873016	26926875	7.29%	0.088%
204	9.399	9.385	9.404	HH	2893108	31246093	8.46%	0.102%
205	9.418	9.404	9.424	HH	2937260	35708453	9.67%	0.116%
206	9.466	9.424	9.470	HH	3022330	81741711	22.13%	0.266%
207	9.479	9.470	9.485	HH	3080376	27495710	7.44%	0.089%
208	9.490	9.485	9.494	HH	3111353	18163769	4.92%	0.059%
209	9.516	9.494	9.524	HH	3198436	55504693	15.03%	0.180%
210	9.622	9.524	9.627	HH	3637805	210214869	56.92%	0.683%
211	9.725	9.627	9.732	HH	4061016	241127640	65.28%	0.784%
212	9.740	9.732	9.749	HH	4087223	40470025	10.96%	0.132%
213	9.766	9.749	9.769	HH	4174148	50578431	13.69%	0.164%
214	9.775	9.769	9.784	HH	4199164	36531520	9.89%	0.119%
215	9.812	9.784	9.817	HH	4335700	86201873	23.34%	0.280%
216	9.857	9.817	9.862	HH	4467610	117972289	31.94%	0.383%
217	9.867	9.862	9.872	HH	4476429	26501932	7.18%	0.086%
218	9.888	9.872	9.902	HH	4551298	80767694	21.87%	0.263%
219	9.917	9.902	9.931	HH	4594839	80408205	21.77%	0.261%
220	9.957	9.931	9.962	HH	4702428	85916512	23.26%	0.279%
221	9.966	9.962	9.972	HH	4697791	26321251	7.13%	0.086%
222	9.987	9.972	9.993	HH	4792414	60115332	16.28%	0.195%
223	10.017	9.993	10.029	HH	4890769	105282527	28.50%	0.342%
224	10.053	10.029	10.063	HH	4989903	99350188	26.90%	0.323%
225	10.087	10.063	10.093	HH	5118427	89981368	24.36%	0.292%
226	10.127	10.093	10.132	HH	5213901	122088555	33.06%	0.397%
227	10.146	10.132	10.153	HH	5282006	65506102	17.74%	0.213%
228	10.158	10.153	10.162	HH	5305859	28266816	7.65%	0.092%
229	10.191	10.162	10.205	HH	5459881	138052439	37.38%	0.449%
230	10.229	10.205	10.243	HH	5622173	127018687	34.39%	0.413%
231	10.248	10.243	10.257	HH	5612339	47599058	12.89%	0.155%
232	10.306	10.257	10.311	HH	5841987	184350887	49.91%	0.599%
233	10.323	10.311	10.328	HH	5922111	61008073	16.52%	0.198%
234	10.343	10.328	10.347	HH	5995705	68313733	18.50%	0.222%
235	10.420	10.347	10.429	HH	6425235	303937672	82.29%	0.988%
236	10.485	10.429	10.494	HH	6799052	257327006	69.67%	0.836%
237	10.521	10.494	10.535	HH	7065215	169474599	45.88%	0.551%
238	10.554	10.535	10.567	HH	7312796	139878100	37.87%	0.455%
239	10.637	10.567	10.643	HH	7742802	340284717	92.13%	1.106%
240	10.651	10.643	10.660	HH	7875967	81139128	21.97%	0.264%
241	10.698	10.660	10.714	HH	8095815	258263500	69.92%	0.839%
242	10.731	10.714	10.737	HH	8330092	114406125	30.98%	0.372%
243	10.743	10.737	10.748	HH	8288924	51496692	13.94%	0.167%
244	10.755	10.748	10.760	HH	8308494	59643261	16.15%	0.194%
245	10.769	10.760	10.773	HH	8426345	66974149	18.13%	0.218%
246	10.790	10.773	10.796	HH	8499915	114520751	31.01%	0.372%

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247	10.846	10.796	10.851	HH	8781026	287570686	77.86%	0.935%
248	10.861	10.851	10.866	HH	8870189	79125054	21.42%	0.257%
249	10.884	10.866	10.890	HH	9035176	129228470	34.99%	0.420%
250	10.897	10.890	10.900	HH	8978421	53681554	14.53%	0.174%
251	10.927	10.900	10.932	HH	9280559	173493242	46.97%	0.564%
252	10.936	10.932	10.950	HH	9284301	100884719	27.31%	0.328%
253	10.972	10.950	10.975	HH	9475054	141326358	38.26%	0.459%
254	10.980	10.975	10.987	HH	9469425	64727497	17.52%	0.210%
255	11.003	10.987	11.007	HH	9649592	115506556	31.27%	0.375%
256	11.013	11.007	11.019	HH	9657148	67319014	18.23%	0.219%
257	11.033	11.019	11.044	HH	9789989	145410052	39.37%	0.473%
258	11.060	11.044	11.065	HH	9942659	125537203	33.99%	0.408%
259	11.083	11.065	11.089	HH	10082692	140024836	37.91%	0.455%
260	11.093	11.089	11.101	HH	10040797	75352995	20.40%	0.245%
261	11.117	11.101	11.126	HH	10250419	149339744	40.43%	0.485%
262	11.148	11.126	11.161	HH	10359151	219415780	59.41%	0.713%
263	11.168	11.161	11.172	HH	10380798	65949036	17.86%	0.214%
264	11.177	11.172	11.184	HH	10427326	74061118	20.05%	0.241%
265	11.203	11.184	11.224	HH	10576003	250524386	67.83%	0.814%
266	11.243	11.224	11.249	HH	10668127	162652329	44.04%	0.529%
267	11.275	11.249	11.281	HH	10773883	203881439	55.20%	0.663%
268	11.308	11.281	11.316	HH	10842610	225190764	60.97%	0.732%
269	11.342	11.316	11.358	HH	11057144	272325673	73.73%	0.885%
270	11.378	11.358	11.382	HH	11169466	158680989	42.96%	0.516%
271	11.387	11.382	11.396	HH	11189653	92681694	25.09%	0.301%
272	11.404	11.396	11.408	HH	11260980	81451428	22.05%	0.265%
273	11.416	11.408	11.420	HH	11245359	78516232	21.26%	0.255%
274	11.427	11.420	11.432	HH	11313083	80907607	21.91%	0.263%
275	11.454	11.432	11.476	HH	11483110	300833266	81.45%	0.978%
276	11.497	11.476	11.504	HH	11620083	195408310	52.91%	0.635%
277	11.532	11.504	11.538	HH	11773670	237541843	64.31%	0.772%
278	11.553	11.538	11.558	HH	11902103	142716947	38.64%	0.464%
279	11.562	11.558	11.579	HH	11872070	146306833	39.61%	0.476%
280	11.590	11.579	11.599	HH	12020319	143088393	38.74%	0.465%
281	11.608	11.599	11.621	HH	12083261	157306710	42.59%	0.511%
282	11.628	11.621	11.632	HH	12096390	79540362	21.54%	0.259%
283	11.642	11.632	11.651	HH	12214947	142297621	38.53%	0.463%
284	11.666	11.651	11.675	HH	12125158	168278656	45.56%	0.547%
285	11.680	11.675	11.684	HH	12066302	69265242	18.75%	0.225%
286	11.700	11.684	11.707	HH	12308232	163987016	44.40%	0.533%
287	11.710	11.707	11.723	HH	12164774	118838753	32.18%	0.386%
288	11.733	11.723	11.757	HH	12461171	250056855	67.70%	0.813%
289	11.766	11.757	11.789	HH	12355703	231775886	62.75%	0.753%
290	11.813	11.789	11.819	HH	12380017	221325728	59.92%	0.719%
291	11.823	11.819	11.845	HH	12447756	196212549	53.12%	0.638%
292	11.868	11.845	11.876	HH	12486372	229318057	62.09%	0.745%
293	11.880	11.876	11.887	HH	12473525	80341893	21.75%	0.261%
294	11.900	11.887	11.905	HH	12496215	129912713	35.17%	0.422%
295	11.912	11.905	11.918	HH	12460637	102480428	27.75%	0.333%
296	11.924	11.918	11.930	HH	12434938	89597065	24.26%	0.291%
297	11.934	11.930	11.953	HH	12409759	162636636	44.03%	0.529%
298	11.962	11.953	11.968	HH	12389926	113753883	30.80%	0.370%
299	11.971	11.968	11.989	HH	12393991	157115168	42.54%	0.511%

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300	12.001	11.989	12.005	HH	12315444	117772595	31.89%	0.383%
301	12.012	12.005	12.020	HH	12344991	104383785	28.26%	0.339%
302	12.025	12.020	12.031	HH	12297933	85715029	23.21%	0.279%
303	12.036	12.031	12.054	HH	12515227	166000620	44.94%	0.540%
304	12.058	12.054	12.065	HH	12361520	80091756	21.68%	0.260%
305	12.074	12.065	12.082	HH	12421788	127070212	34.40%	0.413%
306	12.086	12.082	12.091	HH	12497824	69749725	18.88%	0.227%
307	12.097	12.091	12.104	HH	12390264	94734350	25.65%	0.308%
308	12.115	12.104	12.130	HH	12486201	190344016	51.54%	0.619%
309	12.136	12.130	12.159	HH	12449599	216469163	58.61%	0.704%
310	12.172	12.159	12.178	HH	12457474	140321101	37.99%	0.456%
311	12.185	12.178	12.194	HH	12414517	118754215	32.15%	0.386%
312	12.224	12.194	12.244	HH	12505311	369348643	100.00%	1.201%
313	12.265	12.244	12.278	HH	12597221	256923193	69.56%	0.835%
314	12.289	12.278	12.301	HH	12649282	176366369	47.75%	0.573%
315	12.309	12.301	12.316	HH	12744247	111794182	30.27%	0.363%
316	12.320	12.316	12.326	HH	12755211	75213299	20.36%	0.244%
317	12.333	12.326	12.337	HH	12691145	86628078	23.45%	0.282%
318	12.342	12.337	12.359	HH	12696495	165992124	44.94%	0.540%
319	12.370	12.359	12.384	HH	12634787	184090544	49.84%	0.598%
320	12.388	12.384	12.403	HH	12648834	141179253	38.22%	0.459%
321	12.409	12.403	12.425	HH	12668952	171469378	46.42%	0.557%
322	12.446	12.425	12.460	HH	12562343	254807766	68.99%	0.828%
323	12.465	12.460	12.483	HH	12580224	171957737	46.56%	0.559%
324	12.505	12.483	12.512	HH	12397781	217741813	58.95%	0.708%
325	12.517	12.512	12.543	HH	12272205	224995262	60.92%	0.731%
326	12.552	12.543	12.559	HH	12138860	114381787	30.97%	0.372%
327	12.572	12.559	12.584	HH	12300617	186175832	50.41%	0.605%
328	12.606	12.584	12.615	HH	12139406	224117823	60.68%	0.728%
329	12.623	12.615	12.634	HH	11994565	129522295	35.07%	0.421%
330	12.653	12.634	12.665	HH	12085811	223306389	60.46%	0.726%
331	12.669	12.665	12.676	HH	11970343	81008397	21.93%	0.263%
332	12.683	12.676	12.688	HH	11901954	84667727	22.92%	0.275%
333	12.691	12.688	12.707	HH	11853923	133128498	36.04%	0.433%
334	12.719	12.707	12.726	HH	11855932	137868635	37.33%	0.448%
335	12.730	12.726	12.752	HH	11791376	177701833	48.11%	0.578%
336	12.765	12.752	12.775	HH	11835749	166088549	44.97%	0.540%
337	12.785	12.775	12.798	HH	11848824	160445787	43.44%	0.521%
338	12.804	12.798	12.824	HH	11759642	180404880	48.84%	0.586%
339	12.843	12.824	12.864	HH	11632416	279095061	75.56%	0.907%
340	12.877	12.864	12.889	HH	11487290	171340839	46.39%	0.557%
341	12.897	12.889	12.903	HH	11518765	91002455	24.64%	0.296%
342	12.912	12.903	12.918	HH	11685847	106233495	28.76%	0.345%
343	12.923	12.918	12.939	HH	11520320	143117936	38.75%	0.465%
344	12.945	12.939	12.954	HH	11404700	102399762	27.72%	0.333%
345	12.958	12.954	12.967	HH	11375201	90177135	24.42%	0.293%
346	12.971	12.967	12.977	HH	11146056	67818194	18.36%	0.220%
347	12.986	12.977	13.004	HH	11222453	177472481	48.05%	0.577%
348	13.008	13.004	13.048	HH	11028468	286293529	77.51%	0.931%
349	13.055	13.048	13.060	HH	10887768	79677875	21.57%	0.259%
350	13.080	13.060	13.087	HH	10936490	176343235	47.74%	0.573%
351	13.093	13.087	13.102	HH	10892814	97677956	26.45%	0.317%

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352	13.106	13.102	13.114	HH	10839546	78420439	21.23%	0.255%
353	13.119	13.114	13.133	HH	10919264	121079235	32.78%	0.394%
354	13.139	13.133	13.152	HH	10756214	120204300	32.54%	0.391%
355	13.155	13.152	13.162	HH	10666236	62671815	16.97%	0.204%
356	13.179	13.162	13.188	HH	10835639	169157707	45.80%	0.550%
357	13.193	13.188	13.200	HH	10601771	79409704	21.50%	0.258%
358	13.205	13.200	13.222	HH	10663282	136791176	37.04%	0.445%
359	13.231	13.222	13.269	HH	10458748	290671632	78.70%	0.945%
360	13.278	13.269	13.291	HH	10162613	129870816	35.16%	0.422%
361	13.295	13.291	13.300	HH	10050774	55327650	14.98%	0.180%
362	13.305	13.300	13.312	HH	10062876	72440972	19.61%	0.235%
363	13.319	13.312	13.324	HH	9923941	69094940	18.71%	0.225%
364	13.330	13.324	13.353	HH	9984582	172388252	46.67%	0.560%
365	13.358	13.353	13.371	HH	9847742	107384892	29.07%	0.349%
366	13.378	13.371	13.385	HH	9714355	80384879	21.76%	0.261%
367	13.391	13.385	13.400	HH	9668306	85845856	23.24%	0.279%
368	13.405	13.400	13.423	HH	9619118	129660098	35.11%	0.421%
369	13.428	13.423	13.444	HH	9477494	120602912	32.65%	0.392%
370	13.450	13.444	13.457	HH	9449388	69982390	18.95%	0.227%
371	13.463	13.457	13.479	HH	9419482	123942010	33.56%	0.403%
372	13.491	13.479	13.497	HH	9334820	101220737	27.41%	0.329%
373	13.502	13.497	13.525	HH	9318058	151680647	41.07%	0.493%
374	13.528	13.525	13.532	HH	9223084	39186987	10.61%	0.127%
375	13.539	13.532	13.569	HH	9327239	199910477	54.13%	0.650%
376	13.576	13.569	13.615	HH	8899953	242341633	65.61%	0.788%
377	13.630	13.615	13.671	HH	8649263	290779152	78.73%	0.945%
378	13.675	13.671	13.685	HH	8567513	71873373	19.46%	0.234%
379	13.690	13.685	13.720	HH	8418100	169863137	45.99%	0.552%
380	13.723	13.720	13.731	HH	8233878	57235473	15.50%	0.186%
381	13.736	13.731	13.745	HH	8205127	67326182	18.23%	0.219%
382	13.758	13.745	13.783	HH	8141497	185133105	50.12%	0.602%
383	13.791	13.783	13.823	HH	8080601	190163415	51.49%	0.618%
384	13.828	13.823	13.832	HH	7760052	38437339	10.41%	0.125%
385	13.837	13.832	13.845	HH	7934167	63440012	17.18%	0.206%
386	13.851	13.845	13.863	HH	7864946	81366065	22.03%	0.264%
387	13.867	13.863	13.879	HH	7643153	70943803	19.21%	0.231%
388	13.889	13.879	13.894	HH	7565266	68434565	18.53%	0.222%
389	13.902	13.894	13.913	HH	7562214	85545025	23.16%	0.278%
390	13.935	13.913	13.942	HH	7314502	128216518	34.71%	0.417%
391	13.947	13.942	13.967	HH	7289632	104632595	28.33%	0.340%
392	13.975	13.967	13.994	HH	7180683	115750369	31.34%	0.376%
393	14.007	13.994	14.020	HH	6960891	104831118	28.38%	0.341%
394	14.023	14.020	14.045	HH	6832887	100454283	27.20%	0.327%
395	14.049	14.045	14.057	HH	6762433	49893462	13.51%	0.162%
396	14.062	14.057	14.068	HH	6585186	42181284	11.42%	0.137%
397	14.074	14.068	14.104	HH	6621352	139467381	37.76%	0.453%
398	14.117	14.104	14.142	HH	6380774	143141686	38.76%	0.465%
399	14.155	14.142	14.186	HH	6162066	158935956	43.03%	0.517%
400	14.198	14.186	14.206	HH	5827637	68754094	18.61%	0.223%
401	14.212	14.206	14.219	HH	5815391	43971583	11.91%	0.143%
402	14.224	14.219	14.231	HH	5709871	41656870	11.28%	0.135%
403	14.236	14.231	14.244	HH	5629391	42719352	11.57%	0.139%
404	14.249	14.244	14.255	HH	5614160	36273792	9.82%	0.118%

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405	14.262	14.255	14.267	HH	5626434	41787717	11.31%	0.136%
406	14.278	14.267	14.304	HH	5617767	119534005	32.36%	0.389%
407	14.310	14.304	14.335	HH	5301125	96887504	26.23%	0.315%
408	14.341	14.335	14.357	HH	5189076	69484749	18.81%	0.226%
409	14.361	14.357	14.409	HH	5048063	152258107	41.22%	0.495%
410	14.419	14.409	14.425	HH	4858899	45364991	12.28%	0.147%
411	14.429	14.425	14.469	HH	4825257	120775875	32.70%	0.393%
412	14.473	14.469	14.507	HH	4435866	98873564	26.77%	0.321%
413	14.511	14.507	14.554	HH	4206643	112887162	30.56%	0.367%
414	14.558	14.554	14.568	HH	3918044	33151583	8.98%	0.108%
415	14.574	14.568	14.600	HH	3911116	71794133	19.44%	0.233%
416	14.604	14.600	14.629	HH	3671557	63499971	17.19%	0.206%
417	14.639	14.629	14.669	HH	3643767	84083302	22.77%	0.273%
418	14.673	14.669	14.700	HH	3386848	62497703	16.92%	0.203%
419	14.704	14.700	14.717	HH	3200690	31706183	8.58%	0.103%
420	14.725	14.717	14.730	HH	3176438	23713841	6.42%	0.077%
421	14.734	14.730	14.756	HH	3158310	49023129	13.27%	0.159%
422	14.763	14.756	14.773	HH	2987568	29518810	7.99%	0.096%
423	14.779	14.773	14.784	HH	2949133	19090243	5.17%	0.062%
424	14.789	14.784	14.845	HH	2913504	101282530	27.42%	0.329%
425	14.852	14.845	14.880	HH	2588628	52894765	14.32%	0.172%
426	14.884	14.880	14.890	HH	2400997	13835868	3.75%	0.045%
427	14.897	14.890	14.909	HH	2390516	26506465	7.18%	0.086%
428	14.924	14.909	14.946	HH	2501818	51948009	14.06%	0.169%
429	14.950	14.946	14.968	HH	2180388	28083080	7.60%	0.091%
430	14.975	14.968	14.982	HH	2095801	17227657	4.66%	0.056%
431	14.986	14.982	15.053	HH	2061471	82176424	22.25%	0.267%
432	15.057	15.053	15.087	HH	1804713	35880290	9.71%	0.117%
433	15.093	15.087	15.160	HH	1692229	70601018	19.12%	0.229%
434	15.165	15.160	15.182	HH	1500836	19381183	5.25%	0.063%
435	15.187	15.182	15.264	HH	1453725	65307542	17.68%	0.212%
436	15.271	15.264	15.302	HH	1234245	27691510	7.50%	0.090%
437	15.307	15.302	15.408	HH	1157450	65709319	17.79%	0.214%
438	15.413	15.408	15.453	HH	941755	24679066	6.68%	0.080%
439	15.458	15.453	15.485	HH	859658	15673309	4.24%	0.051%
440	15.488	15.485	15.526	HH	818464	19344530	5.24%	0.063%
441	15.531	15.526	15.537	HH	783650	5245377	1.42%	0.017%
442	15.542	15.537	15.549	HH	771151	5683889	1.54%	0.018%
443	15.557	15.549	15.580	HH	758758	13379404	3.62%	0.043%
444	15.588	15.580	15.730	HH	711355	54301176	14.70%	0.176%
445	15.734	15.730	15.745	HH	513832	4505789	1.22%	0.015%
446	15.751	15.745	15.761	HH	504039	4776630	1.29%	0.016%
447	15.765	15.761	15.787	HH	496297	7550690	2.04%	0.025%
448	15.797	15.787	15.825	HH	460904	10288119	2.79%	0.033%
449	15.829	15.825	15.947	HH	443262	29161680	7.90%	0.095%
450	15.955	15.947	15.995	HH	356536	9816176	2.66%	0.032%
451	16.000	15.995	16.004	HH	329449	1696403	0.46%	0.006%
452	16.016	16.004	16.067	HH	336089	11882803	3.22%	0.039%
453	16.073	16.067	16.123	HH	297180	9376777	2.54%	0.030%
454	16.127	16.123	16.167	HH	269919	6909442	1.87%	0.022%
455	16.174	16.167	16.184	HH	247930	2405477	0.65%	0.008%
456	16.191	16.184	16.217	HH	247512	4814367	1.30%	0.016%

					rteres.txt			
457	16.233	16.217	16.282	HH	245162	8854362	2.40%	0.029%
458	16.341	16.282	16.384	HH	601995	17059749	4.62%	0.055%
459	16.389	16.384	16.393	HH	190841	1013604	0.27%	0.003%
460	16.397	16.393	16.463	HH	190450	7448241	2.02%	0.024%
461	16.482	16.463	16.502	HH	178085	3905822	1.06%	0.013%
462	16.506	16.502	16.510	HH	159167	813890	0.22%	0.003%
463	16.515	16.510	16.537	HH	157251	2437035	0.66%	0.008%
464	16.541	16.537	16.571	HH	156665	3101301	0.84%	0.010%
465	16.577	16.571	16.585	HH	147777	1185314	0.32%	0.004%
466	16.602	16.585	16.622	HH	155829	3319270	0.90%	0.011%
467	16.627	16.622	16.631	HH	143433	764613	0.21%	0.002%
468	16.644	16.631	16.703	HH	144126	5824060	1.58%	0.019%
469	16.709	16.703	16.733	HH	126689	2235956	0.61%	0.007%
470	16.746	16.733	16.796	HH	124786	4494988	1.22%	0.015%
471	16.817	16.796	16.867	HH	119639	4748254	1.29%	0.015%
472	16.875	16.867	16.904	HH	102244	2218124	0.60%	0.007%
473	16.921	16.904	16.928	HH	108024	1521665	0.41%	0.005%
474	16.935	16.928	16.971	HH	108969	2656015	0.72%	0.009%
475	16.989	16.971	17.013	HH	112543	2569183	0.70%	0.008%
476	17.022	17.013	17.039	HH	96439	1456248	0.39%	0.005%
477	17.043	17.039	17.063	HH	88399	1254586	0.34%	0.004%
478	17.067	17.063	17.078	HH	87608	789494	0.21%	0.003%
479	17.082	17.078	17.114	HH	87196	1854118	0.50%	0.006%
480	17.119	17.114	17.125	HH	83417	517159	0.14%	0.002%
481	17.138	17.125	17.142	HH	83316	852772	0.23%	0.003%
482	17.148	17.142	17.167	HH	84051	1263268	0.34%	0.004%
483	17.183	17.167	17.195	HH	83619	1391652	0.38%	0.005%
484	17.222	17.195	17.255	HH	93381	3001080	0.81%	0.010%
485	17.275	17.255	17.304	HH	80682	2269874	0.61%	0.007%
486	17.311	17.304	17.334	HH	75183	1334622	0.36%	0.004%
487	17.341	17.334	17.364	HH	72971	1304868	0.35%	0.004%
488	17.387	17.364	17.409	HH	101668	2193925	0.59%	0.007%
489	17.426	17.409	17.460	HH	81172	2227642	0.60%	0.007%
490	17.478	17.460	17.505	HH	69128	1801460	0.49%	0.006%
491	17.523	17.505	17.556	HH	67765	1976577	0.54%	0.006%
492	17.567	17.556	17.584	HH	61299	998049	0.27%	0.003%
493	17.595	17.584	17.599	HH	61270	562848	0.15%	0.002%
494	17.610	17.599	17.639	HH	63195	1429327	0.39%	0.005%
495	17.645	17.639	17.663	HH	58983	858670	0.23%	0.003%
496	17.668	17.663	17.701	HH	58999	1304033	0.35%	0.004%
497	17.705	17.701	17.721	HH	57152	677908	0.18%	0.002%
498	17.725	17.721	17.729	HH	56320	291070	0.08%	0.001%
499	17.746	17.729	17.767	HH	57575	1262653	0.34%	0.004%
500	17.785	17.767	17.798	HH	56938	1053897	0.29%	0.003%
501	17.821	17.798	17.861	HH	66530	2195733	0.59%	0.007%
502	17.868	17.861	17.872	HH	53893	366597	0.10%	0.001%
503	17.913	17.872	17.938	HH	66411	2250465	0.61%	0.007%
504	17.989	17.938	18.004	HH	59468	2203116	0.60%	0.007%
505	18.010	18.004	18.052	HH	54383	1502192	0.41%	0.005%
506	18.074	18.052	18.082	HH	53059	931039	0.25%	0.003%
507	18.089	18.082	18.100	HH	52881	553284	0.15%	0.002%
508	18.105	18.100	18.138	HH	53249	1178528	0.32%	0.004%
509	18.165	18.138	18.179	HH	52639	1258095	0.34%	0.004%

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510	18.184	18.179	18.218	HH	52008	1206446	0.33%	0.004%
511	18.242	18.218	18.272	HH	70328	1880056	0.51%	0.006%
512	18.302	18.272	18.305	HH	56216	1118658	0.30%	0.004%
513	18.322	18.305	18.330	HH	56375	842116	0.23%	0.003%
514	18.351	18.330	18.366	HH	63248	1289672	0.35%	0.004%
515	18.378	18.366	18.443	HH	59469	2521969	0.68%	0.008%
516	18.450	18.443	18.476	HH	50410	992932	0.27%	0.003%
517	18.478	18.476	18.487	HH	49317	307267	0.08%	0.001%
518	18.509	18.487	18.526	HH	52943	1204879	0.33%	0.004%
519	18.531	18.526	18.534	HH	50430	218265	0.06%	0.001%
520	18.550	18.534	18.598	HH	52241	1887136	0.51%	0.006%
521	18.646	18.598	18.701	HH	62960	3196768	0.87%	0.010%
522	18.727	18.701	18.734	HH	49191	946321	0.26%	0.003%
523	18.752	18.734	18.800	HH	59761	2052467	0.56%	0.007%
524	18.818	18.800	18.839	HH	50701	1146726	0.31%	0.004%
525	18.845	18.839	18.849	HH	48461	289854	0.08%	0.001%
526	18.853	18.849	18.891	HH	48509	1197652	0.32%	0.004%
527	18.926	18.891	18.966	HH	56798	2250350	0.61%	0.007%
528	18.977	18.966	18.999	HH	47930	935516	0.25%	0.003%
529	19.045	18.999	19.065	HH	59009	1991915	0.54%	0.006%
530	19.102	19.065	19.112	HH	51910	1433790	0.39%	0.005%
531	19.116	19.112	19.134	HH	51160	666137	0.18%	0.002%
532	19.164	19.134	19.181	HH	54470	1494536	0.40%	0.005%
533	19.203	19.181	19.272	HH	54435	2805454	0.76%	0.009%
534	19.293	19.272	19.324	HH	51878	1557350	0.42%	0.005%
535	19.350	19.324	19.361	HH	50106	1077124	0.29%	0.004%
536	19.376	19.361	19.396	HH	53440	1074293	0.29%	0.003%
537	19.431	19.396	19.458	HH	58793	1969001	0.53%	0.006%
538	19.474	19.458	19.492	HH	52576	1049135	0.28%	0.003%
539	19.536	19.492	19.561	HH	56135	2161430	0.59%	0.007%
540	19.575	19.561	19.594	HH	50889	975431	0.26%	0.003%
541	19.608	19.594	19.623	HH	49527	861768	0.23%	0.003%
542	19.648	19.623	19.672	HH	55979	1535958	0.42%	0.005%
543	19.719	19.672	19.752	HH	54052	2468702	0.67%	0.008%
544	19.762	19.752	19.778	HH	49406	767174	0.21%	0.002%
545	19.804	19.778	19.833	HH	60920	1801346	0.49%	0.006%
546	19.838	19.833	19.853	HH	51784	602541	0.16%	0.002%
547	19.904	19.853	19.926	HH	52960	2259773	0.61%	0.007%
548	19.943	19.926	19.947	HH	51572	644987	0.17%	0.002%
549	19.953	19.947	19.958	HH	51283	332879	0.09%	0.001%
550	19.972	19.958	19.976	HH	51463	563874	0.15%	0.002%
551	19.986	19.976	20.008	HH	52045	977627	0.26%	0.003%
552	20.046	20.008	20.057	HH	52771	1513785	0.41%	0.005%
553	20.073	20.057	20.077	HH	53088	641943	0.17%	0.002%
554	20.081	20.077	20.097	HH	52896	628204	0.17%	0.002%
555	20.116	20.097	20.139	HH	55649	1337639	0.36%	0.004%
556	20.168	20.139	20.186	HH	65425	1625030	0.44%	0.005%
557	20.208	20.186	20.233	HH	56995	1547303	0.42%	0.005%
558	20.251	20.233	20.274	HH	58824	1370263	0.37%	0.004%
559	20.293	20.274	20.315	HH	54337	1312437	0.36%	0.004%
560	20.349	20.315	20.376	HH	56198	1978229	0.54%	0.006%
561	20.395	20.376	20.414	HH	54383	1254039	0.34%	0.004%

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562	20.434	20.414	20.445	HH	55164	1014751	0.27%	0.003%
563	20.462	20.445	20.486	HH	56585	1330666	0.36%	0.004%
564	20.528	20.486	20.563	HH	58594	2470089	0.67%	0.008%
565	20.571	20.563	20.587	HH	52486	768455	0.21%	0.002%
566	20.601	20.587	20.629	HH	52652	1307543	0.35%	0.004%
567	20.636	20.629	20.641	HH	52669	383044	0.10%	0.001%
568	20.652	20.641	20.657	HH	52797	498699	0.14%	0.002%
569	20.689	20.657	20.726	HH	57599	2239587	0.61%	0.007%
570	20.730	20.726	20.734	HH	52115	267116	0.07%	0.001%
571	20.738	20.734	20.751	HH	51901	506242	0.14%	0.002%
572	20.758	20.751	20.785	HH	51980	1082678	0.29%	0.004%
573	20.790	20.785	20.796	HH	51478	321748	0.09%	0.001%
574	20.803	20.796	20.812	HH	51623	486184	0.13%	0.002%
575	20.817	20.812	20.821	HH	51182	288967	0.08%	0.001%
576	20.833	20.821	20.855	HH	51399	1025703	0.28%	0.003%
577	20.872	20.855	20.884	HH	50885	887564	0.24%	0.003%
578	20.913	20.884	20.967	HH	56113	2608058	0.71%	0.008%
579	20.980	20.967	20.987	HH	50738	604204	0.16%	0.002%
580	20.992	20.987	21.007	HH	50596	603339	0.16%	0.002%
581	21.012	21.007	21.017	HH	50377	300628	0.08%	0.001%
582	21.021	21.017	21.026	HH	50233	259135	0.07%	0.001%
583	21.031	21.026	21.039	HH	50323	389915	0.11%	0.001%
584	21.059	21.039	21.073	HH	50291	1031046	0.28%	0.003%
585	21.089	21.073	21.123	HH	50366	1506955	0.41%	0.005%
586	21.149	21.123	21.159	HH	50443	1067400	0.29%	0.003%
587	21.164	21.159	21.173	HH	50134	415016	0.11%	0.001%
588	21.184	21.173	21.189	HH	49972	473394	0.13%	0.002%
589	21.194	21.189	21.205	HH	49833	472894	0.13%	0.002%
590	21.236	21.205	21.251	HH	53752	1459160	0.40%	0.005%
591	21.268	21.251	21.302	HH	54449	1578129	0.43%	0.005%
592	21.312	21.302	21.316	HH	48765	413452	0.11%	0.001%
593	21.344	21.316	21.378	HH	52837	1873601	0.51%	0.006%
594	21.384	21.378	21.389	HH	48818	316173	0.09%	0.001%
595	21.399	21.389	21.411	HH	48733	640988	0.17%	0.002%
596	21.418	21.411	21.450	HH	48820	1147017	0.31%	0.004%
597	21.467	21.450	21.472	HH	48198	613532	0.17%	0.002%
598	21.482	21.472	21.486	HH	48340	419630	0.11%	0.001%
599	21.500	21.486	21.515	HH	48907	841990	0.23%	0.003%
600	21.520	21.515	21.525	HH	48266	269801	0.07%	0.001%
601	21.549	21.525	21.576	HH	49683	1510480	0.41%	0.005%
602	21.582	21.576	21.586	HH	48257	289718	0.08%	0.001%
603	21.596	21.586	21.638	HH	48263	1463758	0.40%	0.005%
604	21.655	21.638	21.672	HH	47039	967760	0.26%	0.003%
605	21.677	21.672	21.683	HH	46975	304475	0.08%	0.001%
606	21.687	21.683	21.703	HH	46951	560769	0.15%	0.002%
607	21.709	21.703	21.728	HH	46900	700073	0.19%	0.002%
608	21.735	21.728	21.742	HH	46708	395493	0.11%	0.001%
609	21.753	21.742	21.760	HH	46591	494279	0.13%	0.002%
610	21.781	21.760	21.789	HH	46812	810077	0.22%	0.003%
611	21.836	21.789	21.855	HH	51118	1957497	0.53%	0.006%
612	21.872	21.855	21.945	HH	50499	2580543	0.70%	0.008%
613	21.948	21.945	21.952	HH	45822	191063	0.05%	0.001%
614	21.978	21.952	21.983	HH	46245	846870	0.23%	0.003%

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615	21.989	21.983	22.013	HH	46270	818240	0.22%	0.003%
616	22.018	22.013	22.036	HH	45912	639015	0.17%	0.002%
617	22.043	22.036	22.050	HH	45689	371350	0.10%	0.001%
618	22.062	22.050	22.075	HH	45876	707152	0.19%	0.002%
619	22.083	22.075	22.088	HH	45767	341949	0.09%	0.001%
620	22.094	22.088	22.101	HH	45736	356963	0.10%	0.001%
621	22.114	22.101	22.148	HH	45910	1293012	0.35%	0.004%
622	22.153	22.148	22.164	HH	45402	439834	0.12%	0.001%
623	22.178	22.164	22.202	HH	45686	1028880	0.28%	0.003%
624	22.206	22.202	22.217	HH	45644	416910	0.11%	0.001%
625	22.224	22.217	22.229	HH	45244	307825	0.08%	0.001%
626	22.255	22.229	22.277	HH	45855	1319476	0.36%	0.004%
627	22.281	22.277	22.289	HH	45349	316485	0.09%	0.001%
628	22.293	22.289	22.300	HH	45045	292259	0.08%	0.001%
629	22.307	22.300	22.319	HH	45089	523258	0.14%	0.002%
630	22.324	22.319	22.330	HH	45005	309082	0.08%	0.001%
631	22.337	22.330	22.342	HH	45028	317609	0.09%	0.001%
632	22.395	22.342	22.452	HH	47924	3020914	0.82%	0.010%
633	22.466	22.452	22.471	HH	44862	508133	0.14%	0.002%
634	22.476	22.471	22.480	HH	44866	229331	0.06%	0.001%
635	22.485	22.480	22.494	HH	44830	380069	0.10%	0.001%
636	22.495	22.494	22.527	HH	44644	888979	0.24%	0.003%
637	22.552	22.527	22.565	HH	44957	1027089	0.28%	0.003%
638	22.577	22.565	22.583	HH	45011	484571	0.13%	0.002%
639	22.591	22.583	22.598	HH	45203	386347	0.10%	0.001%
640	22.648	22.598	22.681	HH	49731	2358372	0.64%	0.008%
641	22.686	22.681	22.697	HH	45105	429685	0.12%	0.001%
642	22.715	22.697	22.745	HH	45478	1313060	0.36%	0.004%
643	22.750	22.745	22.760	HH	44259	388421	0.11%	0.001%
644	22.769	22.760	22.778	HH	44082	460193	0.12%	0.001%
645	22.784	22.778	22.800	HH	43972	579190	0.16%	0.002%
646	22.816	22.800	22.827	HH	44038	723538	0.20%	0.002%
647	22.843	22.827	22.858	HH	43957	809105	0.22%	0.003%
648	22.867	22.858	22.872	HH	43707	370824	0.10%	0.001%
649	22.878	22.872	22.884	HH	43711	320476	0.09%	0.001%
650	22.889	22.884	22.906	HH	43709	572059	0.15%	0.002%
651	22.926	22.906	22.940	HH	43461	866913	0.23%	0.003%
652	22.946	22.940	22.966	HH	43435	691458	0.19%	0.002%
653	22.972	22.966	22.980	HH	43528	346765	0.09%	0.001%
654	23.037	22.980	23.099	HH	46320	3155720	0.85%	0.010%
655	23.108	23.099	23.122	HH	42972	599710	0.16%	0.002%
656	23.128	23.122	23.139	HH	42884	427911	0.12%	0.001%
657	23.148	23.139	23.161	HH	42902	579219	0.16%	0.002%
658	23.166	23.161	23.175	HH	42790	339292	0.09%	0.001%
659	23.206	23.175	23.213	HH	42994	984671	0.27%	0.003%
660	23.217	23.213	23.224	HH	42885	278415	0.08%	0.001%
661	23.227	23.224	23.248	HH	42898	620276	0.17%	0.002%
662	23.256	23.248	23.269	HH	42801	533145	0.14%	0.002%
663	23.277	23.269	23.281	HH	42739	319356	0.09%	0.001%
664	23.285	23.281	23.301	HH	42617	508639	0.14%	0.002%
665	23.303	23.301	23.310	HH	42341	232458	0.06%	0.001%
666	23.323	23.310	23.335	HH	42425	634506	0.17%	0.002%

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667	23.343	23.335	23.356	HH	42474	526295	0.14%	0.002%
668	23.373	23.356	23.385	HH	42507	739765	0.20%	0.002%
669	23.391	23.385	23.408	HH	42495	576621	0.16%	0.002%
670	23.414	23.408	23.421	HH	42450	338694	0.09%	0.001%
671	23.432	23.421	23.437	HH	42350	397783	0.11%	0.001%
672	23.447	23.437	23.457	HH	42494	509847	0.14%	0.002%
673	23.465	23.457	23.483	HH	42406	669117	0.18%	0.002%
674	23.563	23.483	23.591	HH	44405	2803469	0.76%	0.009%
675	23.597	23.591	23.628	HH	42953	936818	0.25%	0.003%
676	23.633	23.628	23.640	HH	42256	295209	0.08%	0.001%
677	23.642	23.640	23.662	HH	42201	562814	0.15%	0.002%
678	23.671	23.662	23.680	HH	42033	463878	0.13%	0.002%
679	23.688	23.680	23.698	HH	42122	432381	0.12%	0.001%
680	23.702	23.698	23.708	HH	42136	260626	0.07%	0.001%
681	23.722	23.708	23.727	HH	42092	486411	0.13%	0.002%
682	23.773	23.727	23.833	HH	44438	2726594	0.74%	0.009%
683	23.848	23.833	23.864	HH	41916	769576	0.21%	0.003%
684	23.877	23.864	23.883	HH	41843	491528	0.13%	0.002%
685	23.887	23.883	23.911	HH	41827	699297	0.19%	0.002%
686	23.921	23.911	23.938	HH	41760	666323	0.18%	0.002%
687	23.942	23.938	23.955	HH	41749	414034	0.11%	0.001%
688	23.971	23.955	23.985	HH	41925	772222	0.21%	0.003%
689	23.990	23.985	23.995	HH	41612	228403	0.06%	0.001%
690	24.025	23.995	24.036	HH	41667	1039002	0.28%	0.003%
691	24.041	24.036	24.084	HH	41726	1184818	0.32%	0.004%
692	24.088	24.084	24.094	HH	41297	241726	0.07%	0.001%
693	24.119	24.094	24.139	HH	41464	1117546	0.30%	0.004%
694	24.147	24.139	24.152	HH	41435	330538	0.09%	0.001%
695	24.172	24.152	24.181	HH	41724	719429	0.19%	0.002%
696	24.195	24.181	24.207	HH	42004	645955	0.17%	0.002%
697	24.215	24.207	24.230	HH	41975	574408	0.16%	0.002%
698	24.232	24.230	24.269	HH	41718	980693	0.27%	0.003%
699	24.274	24.269	24.283	HH	41020	335774	0.09%	0.001%
700	24.297	24.283	24.303	HH	41183	492082	0.13%	0.002%
701	24.316	24.303	24.335	HH	41294	801710	0.22%	0.003%
702	24.338	24.335	24.352	HH	41155	411947	0.11%	0.001%
703	24.357	24.352	24.376	HH	41006	590765	0.16%	0.002%
704	24.384	24.376	24.400	HH	40935	588206	0.16%	0.002%
705	24.408	24.400	24.414	HH	40908	330801	0.09%	0.001%
706	24.422	24.414	24.442	HH	41199	695475	0.19%	0.002%
707	24.447	24.442	24.470	HH	40868	674538	0.18%	0.002%
708	24.484	24.470	24.498	HH	40878	691356	0.19%	0.002%
709	24.504	24.498	24.522	HH	40933	587678	0.16%	0.002%
710	24.540	24.522	24.545	HH	41008	575719	0.16%	0.002%
711	24.552	24.545	24.565	HH	40954	470188	0.13%	0.002%
712	24.580	24.565	24.590	HH	41149	633965	0.17%	0.002%
713	24.642	24.590	24.648	HH	43191	1453588	0.39%	0.005%
714	24.653	24.648	24.756	HH	43244	2703482	0.73%	0.009%
715	24.766	24.756	24.780	HH	40624	584594	0.16%	0.002%
716	24.784	24.780	24.790	HH	40550	251798	0.07%	0.001%
					Sum of corrected areas: 30766213418			

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