

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE011718\
Data File : FE025660.D
Signal(s) : FID1B.CH
Acq On : 17 Jan 2018 20:15
Sample : J1163-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE010418.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.464	2.461	2.471	PH	111	337	0.01%	0.000%
2	2.478	2.471	2.481	PH	125	475	0.01%	0.000%
3	2.486	2.481	2.495	PH	93	536	0.01%	0.000%
4	2.499	2.495	2.505	HH	209	683	0.01%	0.000%
5	2.508	2.505	2.533	HH	206	2063	0.04%	0.001%
6	2.553	2.533	2.573	HH	384	4089	0.07%	0.001%
7	2.580	2.573	2.601	HH	243	2358	0.04%	0.001%
8	2.604	2.601	2.614	PH	386	1583	0.03%	0.000%
9	2.629	2.614	2.637	HH	228	2203	0.04%	0.001%
10	2.657	2.637	2.664	HH	462	3396	0.06%	0.001%
11	2.669	2.664	2.681	HH	394	2362	0.04%	0.001%
12	2.708	2.681	2.714	HH	431	5962	0.10%	0.002%
13	2.728	2.714	2.736	HH	862	7012	0.12%	0.002%
14	2.747	2.736	2.759	HH	756	8266	0.15%	0.002%
15	2.763	2.759	2.777	HH	585	5126	0.09%	0.001%
16	2.785	2.777	2.792	HH	473	3849	0.07%	0.001%
17	2.798	2.792	2.811	HH	393	3401	0.06%	0.001%
18	2.822	2.811	2.826	HH	465	3177	0.06%	0.001%
19	2.830	2.826	2.834	HH	423	1744	0.03%	0.000%
20	2.845	2.834	2.861	HH	498	6177	0.11%	0.002%
21	2.871	2.861	2.894	HH	473	7936	0.14%	0.002%
22	2.906	2.894	2.911	HH	483	3663	0.06%	0.001%
23	2.936	2.911	2.945	HH	536	7695	0.14%	0.002%
24	2.955	2.945	2.959	HH	518	3815	0.07%	0.001%
25	2.965	2.959	2.975	HH	712	4724	0.08%	0.001%
26	2.983	2.975	3.002	HH	638	8831	0.16%	0.003%
27	3.009	3.002	3.013	HH	661	3462	0.06%	0.001%
28	3.021	3.013	3.031	HH	651	5714	0.10%	0.002%
29	3.038	3.031	3.042	HH	643	3997	0.07%	0.001%
30	3.071	3.042	3.096	HH	767	19140	0.34%	0.005%
31	3.145	3.096	3.150	HH	1023	23455	0.41%	0.007%
32	3.154	3.150	3.171	HH	925	9817	0.17%	0.003%
33	3.174	3.171	3.183	HH	845	5645	0.10%	0.002%
34	3.188	3.183	3.198	HH	811	6305	0.11%	0.002%
35	3.203	3.198	3.206	HH	785	3536	0.06%	0.001%
36	3.215	3.206	3.222	HH	833	7191	0.13%	0.002%

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37	3.228	3.222	3.236	HH	892	6349	0.11%	0.002%
38	3.247	3.236	3.263	HH	955	13497	0.24%	0.004%
39	3.271	3.263	3.277	HH	916	6884	0.12%	0.002%
40	3.280	3.277	3.291	HH	894	6882	0.12%	0.002%
41	3.302	3.291	3.311	HH	936	9861	0.17%	0.003%
42	3.322	3.311	3.328	HH	1103	8631	0.15%	0.002%
43	3.355	3.328	3.366	HH	1046	20278	0.36%	0.006%
44	3.369	3.366	3.374	HH	943	4491	0.08%	0.001%
45	3.383	3.374	3.387	HH	949	6783	0.12%	0.002%
46	3.392	3.387	3.412	HH	1023	14142	0.25%	0.004%
47	3.418	3.412	3.423	HH	1023	6446	0.11%	0.002%
48	3.431	3.423	3.436	HH	1166	8832	0.16%	0.003%
49	3.442	3.436	3.447	HH	1230	7631	0.13%	0.002%
50	3.451	3.447	3.461	HH	1211	9287	0.16%	0.003%
51	3.469	3.461	3.476	HH	1260	11099	0.19%	0.003%
52	3.478	3.476	3.491	HH	1280	10567	0.19%	0.003%
53	3.500	3.491	3.514	HH	1425	17918	0.31%	0.005%
54	3.519	3.514	3.527	HH	1391	10431	0.18%	0.003%
55	3.543	3.527	3.548	HH	1441	16731	0.29%	0.005%
56	3.554	3.548	3.566	HH	1417	14337	0.25%	0.004%
57	3.574	3.566	3.587	HH	1372	15097	0.27%	0.004%
58	3.598	3.587	3.602	HH	1292	10944	0.19%	0.003%
59	3.608	3.602	3.613	HH	1359	7603	0.13%	0.002%
60	3.617	3.613	3.625	HH	1303	9622	0.17%	0.003%
61	3.631	3.625	3.641	HH	1310	11717	0.21%	0.003%
62	3.649	3.641	3.653	HH	1317	9093	0.16%	0.003%
63	3.663	3.653	3.668	HH	1433	11805	0.21%	0.003%
64	3.673	3.668	3.678	HH	1461	7913	0.14%	0.002%
65	3.682	3.678	3.697	HH	1478	14692	0.26%	0.004%
66	3.702	3.697	3.710	HH	1344	9444	0.17%	0.003%
67	3.714	3.710	3.719	HH	1395	6940	0.12%	0.002%
68	3.731	3.719	3.737	HH	1349	13857	0.24%	0.004%
69	3.743	3.737	3.750	HH	1417	10315	0.18%	0.003%
70	3.758	3.750	3.769	HH	1447	15242	0.27%	0.004%
71	3.787	3.769	3.798	HH	1468	24703	0.43%	0.007%
72	3.832	3.798	3.852	HH	1651	48918	0.86%	0.014%
73	3.857	3.852	3.875	HH	1561	19848	0.35%	0.006%
74	3.885	3.875	3.889	HH	1565	12732	0.22%	0.004%
75	3.894	3.889	3.915	HH	1599	23389	0.41%	0.007%
76	3.946	3.915	3.970	HH	2216	58893	1.03%	0.017%
77	3.980	3.970	3.993	HH	1779	22984	0.40%	0.007%
78	3.998	3.993	4.002	HH	1638	9121	0.16%	0.003%
79	4.009	4.002	4.014	HH	1777	11222	0.20%	0.003%
80	4.019	4.014	4.026	HH	1903	12408	0.22%	0.004%
81	4.039	4.026	4.058	HH	1808	32435	0.57%	0.009%
82	4.062	4.058	4.076	HH	1764	17895	0.31%	0.005%
83	4.081	4.076	4.085	HH	1706	9866	0.17%	0.003%
84	4.092	4.085	4.099	HH	1871	14070	0.25%	0.004%
85	4.104	4.099	4.110	HH	1815	11131	0.20%	0.003%
86	4.131	4.110	4.138	HH	1838	29415	0.52%	0.008%
87	4.145	4.138	4.149	HH	1746	11099	0.19%	0.003%
88	4.156	4.149	4.161	HH	1838	13012	0.23%	0.004%
89	4.166	4.161	4.178	HH	1911	18367	0.32%	0.005%

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90	4.190	4.178	4.197	HH	1921	21394	0.38%	0.006%
91	4.213	4.197	4.375	HH	12077	604767	10.62%	0.171%
92	4.378	4.375	4.391	HH	3384	30661	0.54%	0.009%
93	4.401	4.391	4.431	HH	3135	71893	1.26%	0.020%
94	4.434	4.431	4.449	HH	2989	31174	0.55%	0.009%
95	4.460	4.449	4.482	HH	2905	55481	0.97%	0.016%
96	4.486	4.482	4.499	HH	2947	27597	0.48%	0.008%
97	4.511	4.499	4.521	HH	2826	35559	0.62%	0.010%
98	4.524	4.521	4.545	HH	2797	39517	0.69%	0.011%
99	4.569	4.545	4.585	HH	3356	69649	1.22%	0.020%
100	4.590	4.585	4.603	HH	2772	29427	0.52%	0.008%
101	4.608	4.603	4.618	HH	2633	23799	0.42%	0.007%
102	4.625	4.618	4.631	HH	2708	19628	0.34%	0.006%
103	4.636	4.631	4.663	HH	2710	51372	0.90%	0.015%
104	4.668	4.663	4.676	HH	2774	21449	0.38%	0.006%
105	4.684	4.676	4.689	HH	2687	19785	0.35%	0.006%
106	4.704	4.689	4.710	HH	2730	33039	0.58%	0.009%
107	4.733	4.710	4.737	HH	3178	47513	0.83%	0.013%
108	4.743	4.737	4.771	HH	3250	59846	1.05%	0.017%
109	4.775	4.771	4.785	HH	2869	22426	0.39%	0.006%
110	4.791	4.785	4.797	HH	2799	20287	0.36%	0.006%
111	4.802	4.797	4.816	HH	2853	32264	0.57%	0.009%
112	4.821	4.816	4.826	HH	2862	14994	0.26%	0.004%
113	4.841	4.826	4.858	HH	2727	52194	0.92%	0.015%
114	4.862	4.858	4.870	HH	2764	18697	0.33%	0.005%
115	4.875	4.870	4.881	HH	2805	17700	0.31%	0.005%
116	4.884	4.881	4.891	HH	2785	16342	0.29%	0.005%
117	4.895	4.891	4.902	HH	2822	18267	0.32%	0.005%
118	4.906	4.902	4.910	HH	2684	13026	0.23%	0.004%
119	4.914	4.910	4.919	HH	2729	14265	0.25%	0.004%
120	4.923	4.919	4.928	HH	2777	14489	0.25%	0.004%
121	4.936	4.928	4.941	HH	2779	21007	0.37%	0.006%
122	4.945	4.941	4.970	HH	2801	46983	0.83%	0.013%
123	4.983	4.970	4.992	HH	2749	36390	0.64%	0.010%
124	4.997	4.992	5.010	HH	2773	28127	0.49%	0.008%
125	5.030	5.010	5.040	HH	2899	50540	0.89%	0.014%
126	5.048	5.040	5.054	HH	2831	22901	0.40%	0.006%
127	5.066	5.054	5.079	HH	2898	42882	0.75%	0.012%
128	5.084	5.079	5.088	HH	2868	15474	0.27%	0.004%
129	5.094	5.088	5.100	HH	2886	19616	0.34%	0.006%
130	5.104	5.100	5.116	HH	2916	28274	0.50%	0.008%
131	5.123	5.116	5.128	HH	2964	19159	0.34%	0.005%
132	5.131	5.128	5.136	HH	2900	14630	0.26%	0.004%
133	5.156	5.136	5.160	HH	3032	41599	0.73%	0.012%
134	5.174	5.160	5.190	HH	3337	56585	0.99%	0.016%
135	5.193	5.190	5.201	HH	2997	19253	0.34%	0.005%
136	5.211	5.201	5.217	HH	2977	29397	0.52%	0.008%
137	5.221	5.217	5.242	HH	2975	44535	0.78%	0.013%
138	5.247	5.242	5.253	HH	3004	19439	0.34%	0.006%
139	5.256	5.253	5.265	HH	3062	21144	0.37%	0.006%
140	5.275	5.265	5.297	HH	3130	59434	1.04%	0.017%
141	5.302	5.297	5.308	HH	3040	19753	0.35%	0.006%

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142	5.314	5.308	5.321	HH	3133	22902	0.40%	0.006%
143	5.324	5.321	5.330	HH	3108	16726	0.29%	0.005%
144	5.336	5.330	5.345	HH	3117	27350	0.48%	0.008%
145	5.370	5.345	5.390	HH	3161	83763	1.47%	0.024%
146	5.414	5.390	5.419	HH	3232	53793	0.94%	0.015%
147	5.450	5.419	5.455	HH	3386	69911	1.23%	0.020%
148	5.460	5.455	5.468	HH	3337	26537	0.47%	0.008%
149	5.473	5.468	5.488	HH	3369	38860	0.68%	0.011%
150	5.498	5.488	5.509	HH	3348	39945	0.70%	0.011%
151	5.515	5.509	5.538	HH	3334	57362	1.01%	0.016%
152	5.542	5.538	5.554	HH	3375	32349	0.57%	0.009%
153	5.558	5.554	5.565	HH	3439	23123	0.41%	0.007%
154	5.579	5.565	5.586	HH	3514	43343	0.76%	0.012%
155	5.602	5.586	5.621	HH	3573	72506	1.27%	0.021%
156	5.665	5.621	5.677	HH	3546	114384	2.01%	0.032%
157	5.686	5.677	5.697	HH	3510	40571	0.71%	0.011%
158	5.706	5.697	5.713	HH	3555	33656	0.59%	0.010%
159	5.715	5.713	5.724	HH	3539	23977	0.42%	0.007%
160	5.732	5.724	5.743	HH	3587	38945	0.68%	0.011%
161	5.773	5.743	5.803	HH	9945	189787	3.33%	0.054%
162	5.806	5.803	5.818	HH	3859	33363	0.59%	0.009%
163	5.840	5.818	5.848	HH	3849	68091	1.20%	0.019%
164	5.887	5.848	5.906	HH	4006	131096	2.30%	0.037%
165	5.962	5.906	5.976	HH	4033	163208	2.87%	0.046%
166	5.983	5.976	5.993	HH	3985	38175	0.67%	0.011%
167	5.996	5.993	6.007	HH	3933	33189	0.58%	0.009%
168	6.013	6.007	6.026	HH	4018	43580	0.77%	0.012%
169	6.035	6.026	6.041	HH	3921	34905	0.61%	0.010%
170	6.066	6.041	6.075	HH	4080	79142	1.39%	0.022%
171	6.080	6.075	6.088	HH	4033	30533	0.54%	0.009%
172	6.095	6.088	6.108	HH	3998	46385	0.81%	0.013%
173	6.115	6.108	6.119	HH	3941	27534	0.48%	0.008%
174	6.127	6.119	6.136	HH	4054	38932	0.68%	0.011%
175	6.164	6.136	6.174	HH	4217	93296	1.64%	0.026%
176	6.184	6.174	6.190	HH	4151	39750	0.70%	0.011%
177	6.204	6.190	6.214	HH	4348	62164	1.09%	0.018%
178	6.218	6.214	6.223	HH	4297	20822	0.37%	0.006%
179	6.231	6.223	6.237	HH	4314	36303	0.64%	0.010%
180	6.247	6.237	6.262	HH	4339	64644	1.14%	0.018%
181	6.268	6.262	6.273	HH	4293	27137	0.48%	0.008%
182	6.295	6.273	6.326	HH	8137	168699	2.96%	0.048%
183	6.331	6.326	6.336	HH	4336	25505	0.45%	0.007%
184	6.345	6.336	6.351	HH	4419	39800	0.70%	0.011%
185	6.356	6.351	6.364	HH	4380	33142	0.58%	0.009%
186	6.373	6.364	6.379	HH	4380	41115	0.72%	0.012%
187	6.387	6.379	6.407	HH	4497	71975	1.26%	0.020%
188	6.424	6.407	6.429	HH	4465	58577	1.03%	0.017%
189	6.436	6.429	6.450	HH	4489	55528	0.98%	0.016%
190	6.468	6.450	6.482	HH	4554	87177	1.53%	0.025%
191	6.489	6.482	6.496	HH	4591	37279	0.65%	0.011%
192	6.508	6.496	6.537	HH	4740	113267	1.99%	0.032%
193	6.542	6.537	6.544	HH	4682	21329	0.37%	0.006%
194	6.564	6.544	6.569	HH	4848	71938	1.26%	0.020%

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195	6.575	6.569	6.588	HH	4800	52425	0.92%	0.015%
196	6.612	6.588	6.622	HH	4915	97858	1.72%	0.028%
197	6.632	6.622	6.637	HH	4898	46037	0.81%	0.013%
198	6.654	6.637	6.660	HH	4849	63552	1.12%	0.018%
199	6.664	6.660	6.670	HH	4888	31187	0.55%	0.009%
200	6.675	6.670	6.679	HH	4863	25891	0.45%	0.007%
201	6.691	6.679	6.695	HH	4882	46038	0.81%	0.013%
202	6.700	6.695	6.708	HH	5040	36628	0.64%	0.010%
203	6.714	6.708	6.721	HH	4920	40013	0.70%	0.011%
204	6.744	6.721	6.756	HH	5046	102683	1.80%	0.029%
205	6.765	6.756	6.773	HH	4930	49506	0.87%	0.014%
206	6.779	6.773	6.783	HH	4897	28272	0.50%	0.008%
207	6.793	6.783	6.804	HH	5150	66112	1.16%	0.019%
208	6.808	6.804	6.836	HH	5286	96056	1.69%	0.027%
209	6.839	6.836	6.846	HH	5046	31062	0.55%	0.009%
210	6.849	6.846	6.854	HH	5059	24493	0.43%	0.007%
211	6.891	6.854	6.950	HH	6966	331954	5.83%	0.094%
212	6.958	6.950	6.992	HH	5441	135992	2.39%	0.039%
213	6.997	6.992	7.014	HH	5265	66693	1.17%	0.019%
214	7.019	7.014	7.034	HH	5394	65682	1.15%	0.019%
215	7.042	7.034	7.056	HH	5340	67974	1.19%	0.019%
216	7.070	7.056	7.074	HH	5378	56024	0.98%	0.016%
217	7.089	7.074	7.098	HH	5796	79475	1.40%	0.023%
218	7.103	7.098	7.110	HH	5691	42748	0.75%	0.012%
219	7.114	7.110	7.128	HH	5600	57583	1.01%	0.016%
220	7.142	7.128	7.151	HH	5544	77026	1.35%	0.022%
221	7.176	7.151	7.191	HH	5516	128147	2.25%	0.036%
222	7.217	7.191	7.225	HH	5549	109103	1.92%	0.031%
223	7.229	7.225	7.233	HH	5440	27240	0.48%	0.008%
224	7.248	7.233	7.254	HH	5521	68487	1.20%	0.019%
225	7.292	7.254	7.314	HH	6111	203958	3.58%	0.058%
226	7.318	7.314	7.323	HH	5711	29924	0.53%	0.008%
227	7.327	7.323	7.332	HH	5668	31178	0.55%	0.009%
228	7.347	7.332	7.354	HH	5774	74158	1.30%	0.021%
229	7.358	7.354	7.388	HH	5743	111659	1.96%	0.032%
230	7.396	7.388	7.401	HH	5618	45607	0.80%	0.013%
231	7.423	7.401	7.446	HH	5780	151471	2.66%	0.043%
232	7.465	7.446	7.483	HH	5869	125940	2.21%	0.036%
233	7.486	7.483	7.491	HH	5733	27115	0.48%	0.008%
234	7.518	7.491	7.554	HH	6069	220221	3.87%	0.062%
235	7.585	7.554	7.589	HH	5816	119738	2.10%	0.034%
236	7.597	7.589	7.613	HH	5792	81425	1.43%	0.023%
237	7.618	7.613	7.629	HH	5837	53934	0.95%	0.015%
238	7.635	7.629	7.658	HH	5844	100247	1.76%	0.028%
239	7.662	7.658	7.665	HH	5771	24452	0.43%	0.007%
240	7.668	7.665	7.672	HH	5782	23051	0.40%	0.007%
241	7.677	7.672	7.681	HH	5835	31819	0.56%	0.009%
242	7.686	7.681	7.703	HH	5892	76220	1.34%	0.022%
243	7.706	7.703	7.711	HH	5758	27869	0.49%	0.008%
244	7.721	7.711	7.727	HH	5798	54525	0.96%	0.015%
245	7.735	7.727	7.756	HH	5863	104069	1.83%	0.029%
246	7.763	7.756	7.772	HH	5889	54006	0.95%	0.015%

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247	7.820	7.772	7.826	HH	6096	194224	3.41%	0.055%
248	7.870	7.826	7.888	HH	6161	225857	3.97%	0.064%
249	7.915	7.888	7.939	HH	7011	199827	3.51%	0.057%
250	7.952	7.939	7.956	HH	6345	62865	1.10%	0.018%
251	7.969	7.956	8.016	HH	6706	230736	4.05%	0.065%
252	8.038	8.016	8.043	HH	6347	101392	1.78%	0.029%
253	8.048	8.043	8.056	HH	6266	47036	0.83%	0.013%
254	8.068	8.056	8.101	HH	6370	168265	2.96%	0.048%
255	8.108	8.101	8.113	HH	6252	44809	0.79%	0.013%
256	8.132	8.113	8.158	HH	6435	172294	3.03%	0.049%
257	8.201	8.158	8.221	HH	6745	241968	4.25%	0.069%
258	8.226	8.221	8.234	HH	6459	50491	0.89%	0.014%
259	8.240	8.234	8.250	HH	6474	63092	1.11%	0.018%
260	8.288	8.250	8.299	HH	6911	192852	3.39%	0.055%
261	8.302	8.299	8.316	HH	6839	71362	1.25%	0.020%
262	8.348	8.316	8.360	HH	7097	182847	3.21%	0.052%
263	8.378	8.360	8.414	HH	9701	250857	4.41%	0.071%
264	8.419	8.414	8.439	HH	6844	98935	1.74%	0.028%
265	8.459	8.439	8.622	HH	60815	1748401	30.71%	0.495%
266	8.626	8.622	8.648	HH	7747	117552	2.06%	0.033%
267	8.655	8.648	8.664	HH	7530	74461	1.31%	0.021%
268	8.671	8.664	8.693	HH	7471	125071	2.20%	0.035%
269	8.697	8.693	8.719	HH	7452	117350	2.06%	0.033%
270	8.739	8.719	8.761	HH	7795	186125	3.27%	0.053%
271	8.791	8.761	8.809	HH	8086	224467	3.94%	0.064%
272	8.828	8.809	8.833	HH	7986	111211	1.95%	0.032%
273	8.836	8.833	8.841	HH	7924	37315	0.66%	0.011%
274	8.855	8.841	8.863	HH	8184	105643	1.86%	0.030%
275	8.868	8.863	8.883	HH	8273	97864	1.72%	0.028%
276	8.889	8.883	8.895	HH	7900	54751	0.96%	0.016%
277	8.913	8.895	8.934	HH	9780	205581	3.61%	0.058%
278	8.940	8.934	8.947	HH	7999	60045	1.05%	0.017%
279	8.967	8.947	8.996	HH	8407	236582	4.16%	0.067%
280	9.001	8.996	9.008	HH	7768	55666	0.98%	0.016%
281	9.028	9.008	9.047	HH	7979	183768	3.23%	0.052%
282	9.053	9.047	9.058	HH	8000	50291	0.88%	0.014%
283	9.062	9.058	9.099	HH	8124	197545	3.47%	0.056%
284	9.128	9.099	9.172	HH	8615	360030	6.32%	0.102%
285	9.201	9.172	9.258	HH	16807	519864	9.13%	0.147%
286	9.261	9.258	9.264	HH	8179	30903	0.54%	0.009%
287	9.287	9.264	9.308	HH	8563	216980	3.81%	0.061%
288	9.325	9.308	9.332	HH	8328	121595	2.14%	0.034%
289	9.337	9.332	9.351	HH	8384	91710	1.61%	0.026%
290	9.382	9.351	9.418	HH	9390	350385	6.15%	0.099%
291	9.440	9.418	9.449	HH	8505	159267	2.80%	0.045%
292	9.467	9.449	9.488	HH	8957	201039	3.53%	0.057%
293	9.496	9.488	9.520	HH	8646	165041	2.90%	0.047%
294	9.576	9.520	9.596	HH	10005	406526	7.14%	0.115%
295	9.614	9.596	9.634	HH	10632	225357	3.96%	0.064%
296	9.661	9.634	9.685	HH	10064	287637	5.05%	0.081%
297	9.704	9.685	9.723	HH	10418	218043	3.83%	0.062%
298	9.734	9.723	9.745	HH	9670	128441	2.26%	0.036%
299	9.758	9.745	9.779	HH	10194	196415	3.45%	0.056%

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300	9.789	9.779	9.802	HH	9502	127470	2.24%	0.036%
301	9.815	9.802	9.842	HH	10092	229988	4.04%	0.065%
302	9.850	9.842	9.863	HH	9177	111403	1.96%	0.032%
303	9.897	9.863	9.959	HH	15620	684060	12.01%	0.194%
304	9.978	9.959	10.021	HH	23646	516707	9.08%	0.146%
305	10.041	10.021	10.071	HH	10780	312070	5.48%	0.088%
306	10.079	10.071	10.090	HH	10257	112358	1.97%	0.032%
307	10.101	10.090	10.117	HH	10225	168359	2.96%	0.048%
308	10.126	10.117	10.130	HH	9892	76010	1.34%	0.022%
309	10.136	10.130	10.142	HH	9930	69128	1.21%	0.020%
310	10.152	10.142	10.176	HH	10075	204965	3.60%	0.058%
311	10.185	10.176	10.208	HH	9975	188502	3.31%	0.053%
312	10.215	10.208	10.223	HH	9988	91091	1.60%	0.026%
313	10.256	10.223	10.263	HH	10336	236767	4.16%	0.067%
314	10.264	10.263	10.282	HH	10299	119401	2.10%	0.034%
315	10.323	10.282	10.337	HH	11742	353900	6.22%	0.100%
316	10.366	10.337	10.396	HH	13936	412861	7.25%	0.117%
317	10.415	10.396	10.439	HH	11480	287225	5.04%	0.081%
318	10.456	10.439	10.488	HH	11986	320431	5.63%	0.091%
319	10.509	10.488	10.529	HH	12015	278944	4.90%	0.079%
320	10.541	10.529	10.557	HH	10857	179926	3.16%	0.051%
321	10.567	10.557	10.591	HH	10852	217701	3.82%	0.062%
322	10.614	10.591	10.626	HH	11415	230267	4.04%	0.065%
323	10.648	10.626	10.671	HH	12285	316581	5.56%	0.090%
324	10.716	10.671	10.752	HH	22703	674936	11.85%	0.191%
325	10.758	10.752	10.761	HH	11398	58391	1.03%	0.017%
326	10.786	10.761	10.814	HH	14058	400034	7.03%	0.113%
327	10.856	10.814	10.875	HH	12219	422667	7.42%	0.120%
328	10.880	10.875	10.886	HH	11340	76237	1.34%	0.022%
329	10.934	10.886	10.961	HH	11861	516938	9.08%	0.146%
330	10.972	10.961	10.976	HH	11595	101237	1.78%	0.029%
331	10.981	10.976	11.008	HH	11532	216862	3.81%	0.061%
332	11.036	11.008	11.051	HH	12606	312639	5.49%	0.089%
333	11.060	11.051	11.073	HH	12236	153778	2.70%	0.044%
334	11.088	11.073	11.099	HH	12503	194172	3.41%	0.055%
335	11.111	11.099	11.123	HH	12674	174718	3.07%	0.049%
336	11.131	11.123	11.155	HH	12261	229659	4.03%	0.065%
337	11.170	11.155	11.195	HH	12711	295952	5.20%	0.084%
338	11.200	11.195	11.209	HH	11908	98759	1.73%	0.028%
339	11.223	11.209	11.246	HH	12655	265512	4.66%	0.075%
340	11.251	11.246	11.265	HH	11842	136379	2.40%	0.039%
341	11.274	11.265	11.279	HH	11726	97801	1.72%	0.028%
342	11.286	11.279	11.292	HH	11756	86534	1.52%	0.025%
343	11.296	11.292	11.304	HH	11705	84898	1.49%	0.024%
344	11.323	11.304	11.330	HH	11926	182781	3.21%	0.052%
345	11.352	11.330	11.387	HH	12307	414354	7.28%	0.117%
346	11.418	11.387	11.479	HH	19267	750067	13.17%	0.212%
347	11.503	11.479	11.551	HH	14299	556648	9.78%	0.158%
348	11.554	11.551	11.560	HH	12075	60154	1.06%	0.017%
349	11.589	11.560	11.600	HH	12490	296866	5.21%	0.084%
350	11.615	11.600	11.645	HH	12506	331556	5.82%	0.094%
351	11.662	11.645	11.692	HH	12385	344300	6.05%	0.098%

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352	11.721	11.692	11.734	HH	12747	311971	5.48%	0.088%
353	11.741	11.734	11.756	HH	12524	161342	2.83%	0.046%
354	11.771	11.756	11.794	HH	12480	283962	4.99%	0.080%
355	11.820	11.794	11.838	HH	13195	334659	5.88%	0.095%
356	11.853	11.838	11.874	HH	12934	277339	4.87%	0.079%
357	11.902	11.874	11.924	HH	13072	380363	6.68%	0.108%
358	11.938	11.924	11.943	HH	12762	148929	2.62%	0.042%
359	11.948	11.943	11.960	HH	12800	124644	2.19%	0.035%
360	11.978	11.960	12.000	HH	12896	305024	5.36%	0.086%
361	12.027	12.000	12.044	HH	13052	339885	5.97%	0.096%
362	12.087	12.044	12.124	HH	16381	659879	11.59%	0.187%
363	12.158	12.124	12.174	HH	13422	398776	7.00%	0.113%
364	12.196	12.174	12.218	HH	13895	352576	6.19%	0.100%
365	12.222	12.218	12.247	HH	12994	224160	3.94%	0.063%
366	12.261	12.247	12.273	HH	12915	195855	3.44%	0.055%
367	12.305	12.273	12.327	HH	13541	423764	7.44%	0.120%
368	12.336	12.327	12.342	HH	13044	120199	2.11%	0.034%
369	12.358	12.342	12.364	HH	13262	171129	3.01%	0.048%
370	12.380	12.364	12.400	HH	13577	291070	5.11%	0.082%
371	12.423	12.400	12.444	HH	14461	352788	6.20%	0.100%
372	12.452	12.444	12.458	HH	13202	111940	1.97%	0.032%
373	12.474	12.458	12.482	HH	13403	196961	3.46%	0.056%
374	12.499	12.482	12.528	HH	13801	373263	6.56%	0.106%
375	12.555	12.528	12.576	HH	13602	386303	6.79%	0.109%
376	12.589	12.576	12.613	HH	13569	298071	5.24%	0.084%
377	12.624	12.613	12.628	HH	13479	119092	2.09%	0.034%
378	12.648	12.628	12.653	HH	13516	202229	3.55%	0.057%
379	12.670	12.653	12.685	HH	13960	266117	4.67%	0.075%
380	12.690	12.685	12.706	HH	13702	175497	3.08%	0.050%
381	12.727	12.706	12.768	HH	15803	525105	9.22%	0.149%
382	12.792	12.768	12.813	HH	14143	370256	6.50%	0.105%
383	12.823	12.813	12.828	HH	13847	126073	2.21%	0.036%
384	12.847	12.828	12.868	HH	13998	331119	5.82%	0.094%
385	12.871	12.868	12.880	HH	13769	97055	1.70%	0.027%
386	12.908	12.880	12.944	HH	13873	531516	9.34%	0.151%
387	12.950	12.944	12.961	HH	13722	143381	2.52%	0.041%
388	12.982	12.961	13.016	HH	14108	456445	8.02%	0.129%
389	13.023	13.016	13.032	HH	13879	128364	2.25%	0.036%
390	13.048	13.032	13.058	HH	13946	217428	3.82%	0.062%
391	13.087	13.058	13.093	HH	14074	291289	5.12%	0.083%
392	13.122	13.093	13.134	HH	14383	354527	6.23%	0.100%
393	13.139	13.134	13.154	HH	14282	170265	2.99%	0.048%
394	13.172	13.154	13.182	HH	14449	236887	4.16%	0.067%
395	13.226	13.182	13.236	HH	15051	477455	8.39%	0.135%
396	13.254	13.236	13.273	HH	15889	342859	6.02%	0.097%
397	13.282	13.273	13.308	HH	15503	314972	5.53%	0.089%
398	13.313	13.308	13.318	HH	14940	91405	1.61%	0.026%
399	13.339	13.318	13.376	HH	16346	535040	9.40%	0.152%
400	13.406	13.376	13.441	HH	15498	583184	10.24%	0.165%
401	13.465	13.441	13.496	HH	16083	505282	8.87%	0.143%
402	13.502	13.496	13.508	HH	14903	105046	1.85%	0.030%
403	13.511	13.508	13.514	HH	14876	56444	0.99%	0.016%
404	13.520	13.514	13.530	HH	14911	138869	2.44%	0.039%

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405	13.536	13.530	13.544	HH	14875	127776	2.24%	0.036%
406	13.579	13.544	13.639	HH	16613	888971	15.61%	0.252%
407	13.644	13.639	13.655	HH	15212	145067	2.55%	0.041%
408	13.663	13.655	13.676	HH	15131	186441	3.27%	0.053%
409	13.684	13.676	13.702	HH	15188	238880	4.20%	0.068%
410	13.725	13.702	13.734	HH	15778	298258	5.24%	0.084%
411	13.747	13.734	13.759	HH	15831	234263	4.11%	0.066%
412	13.783	13.759	13.810	HH	15994	477911	8.39%	0.135%
413	13.839	13.810	13.850	HH	15856	373899	6.57%	0.106%
414	13.879	13.850	13.901	HH	20553	538407	9.46%	0.153%
415	13.923	13.901	13.950	HH	34312	657127	11.54%	0.186%
416	13.955	13.950	13.974	HH	16878	235450	4.14%	0.067%
417	13.980	13.974	13.988	HH	16149	135430	2.38%	0.038%
418	13.991	13.988	13.995	HH	16158	68256	1.20%	0.019%
419	13.999	13.995	14.024	HH	16118	278369	4.89%	0.079%
420	14.030	14.024	14.033	HH	16037	91448	1.61%	0.026%
421	14.036	14.033	14.051	HH	16033	173458	3.05%	0.049%
422	14.063	14.051	14.071	HH	16075	193218	3.39%	0.055%
423	14.084	14.071	14.099	HH	16161	268878	4.72%	0.076%
424	14.118	14.099	14.124	HH	16100	240125	4.22%	0.068%
425	14.152	14.124	14.157	HH	16434	313904	5.51%	0.089%
426	14.159	14.157	14.169	HH	16414	126211	2.22%	0.036%
427	14.177	14.169	14.191	HH	16303	209881	3.69%	0.059%
428	14.241	14.191	14.248	HH	16638	563011	9.89%	0.159%
429	14.287	14.248	14.306	HH	17033	583688	10.25%	0.165%
430	14.321	14.306	14.325	HH	16725	190001	3.34%	0.054%
431	14.328	14.325	14.331	HH	16689	54970	0.97%	0.016%
432	14.347	14.331	14.369	HH	17006	386662	6.79%	0.110%
433	14.375	14.369	14.378	HH	17001	96504	1.70%	0.027%
434	14.429	14.378	14.468	HH	19853	986038	17.32%	0.279%
435	14.484	14.468	14.509	HH	20626	474377	8.33%	0.134%
436	14.529	14.509	14.549	HH	21325	471930	8.29%	0.134%
437	14.570	14.549	14.626	HH	20746	889223	15.62%	0.252%
438	14.639	14.626	14.669	HH	18213	463563	8.14%	0.131%
439	14.690	14.669	14.714	HH	17734	471280	8.28%	0.133%
440	14.738	14.714	14.783	HH	20036	772827	13.57%	0.219%
441	14.826	14.783	14.858	HH	273276	3661699	64.31%	1.037%
442	14.867	14.858	14.895	HH	19556	420536	7.39%	0.119%
443	14.922	14.895	14.939	HH	18475	489577	8.60%	0.139%
444	14.988	14.939	15.007	HH	21078	784730	13.78%	0.222%
445	15.025	15.007	15.054	HH	25407	611107	10.73%	0.173%
446	15.076	15.054	15.126	HH	28461	913698	16.05%	0.259%
447	15.141	15.126	15.158	HH	19030	361112	6.34%	0.102%
448	15.174	15.158	15.206	HH	19004	550037	9.66%	0.156%
449	15.224	15.206	15.238	HH	19007	366877	6.44%	0.104%
450	15.242	15.238	15.261	HH	18890	255180	4.48%	0.072%
451	15.280	15.261	15.298	HH	18901	415136	7.29%	0.118%
452	15.319	15.298	15.331	HH	19198	382618	6.72%	0.108%
453	15.334	15.331	15.349	HH	19148	208694	3.67%	0.059%
454	15.369	15.349	15.384	HH	19301	397574	6.98%	0.113%
455	15.476	15.384	15.491	HH	37676	1785332	31.36%	0.506%
456	15.494	15.491	15.598	HH	37662	2016165	35.41%	0.571%

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457	15.603	15.598	15.611	HH	25320	191329	3.36%	0.054%
458	15.630	15.611	15.756	HH	41862	2095386	36.80%	0.594%
459	15.770	15.756	15.778	HH	20531	266712	4.68%	0.076%
460	15.784	15.778	15.801	HH	20455	285279	5.01%	0.081%
461	15.843	15.801	15.881	HH	21335	1000098	17.57%	0.283%
462	15.886	15.881	15.899	HH	20719	218597	3.84%	0.062%
463	15.905	15.899	15.913	HH	20626	170907	3.00%	0.048%
464	15.930	15.913	15.944	HH	20949	392063	6.89%	0.111%
465	15.965	15.944	15.989	HH	22412	574517	10.09%	0.163%
466	16.045	15.989	16.074	HH	25935	1165780	20.48%	0.330%
467	16.079	16.074	16.091	HH	21918	211348	3.71%	0.060%
468	16.114	16.091	16.164	HH	23510	990240	17.39%	0.281%
469	16.180	16.164	16.235	HH	22123	923406	16.22%	0.262%
470	16.250	16.235	16.276	HH	21591	530382	9.32%	0.150%
471	16.281	16.276	16.287	HH	21523	133214	2.34%	0.038%
472	16.330	16.287	16.335	HH	22020	634953	11.15%	0.180%
473	16.350	16.335	16.367	HH	22135	416050	7.31%	0.118%
474	16.373	16.367	16.378	HH	21943	141151	2.48%	0.040%
475	16.402	16.378	16.416	HH	22243	503253	8.84%	0.143%
476	16.448	16.416	16.470	HH	25419	752055	13.21%	0.213%
477	16.527	16.470	16.589	HH	27439	1777355	31.22%	0.503%
478	16.617	16.589	16.667	HH	30021	1192357	20.94%	0.338%
479	16.689	16.667	16.713	HH	24441	658368	11.56%	0.186%
480	16.725	16.713	16.730	HH	23733	245084	4.30%	0.069%
481	16.732	16.730	16.741	HH	23681	154589	2.72%	0.044%
482	16.785	16.741	16.813	HH	25300	1044428	18.34%	0.296%
483	16.828	16.813	16.844	HH	24200	443750	7.79%	0.126%
484	16.882	16.844	16.894	HH	25014	741968	13.03%	0.210%
485	16.914	16.894	16.937	HH	25144	633649	11.13%	0.179%
486	16.962	16.937	16.971	HH	26219	523349	9.19%	0.148%
487	16.994	16.971	17.023	HH	49004	1064185	18.69%	0.301%
488	17.044	17.023	17.061	HH	32013	649687	11.41%	0.184%
489	17.077	17.061	17.104	HH	28010	696554	12.23%	0.197%
490	17.113	17.104	17.138	HH	25624	516524	9.07%	0.146%
491	17.143	17.138	17.153	HH	25498	221945	3.90%	0.063%
492	17.173	17.153	17.196	HH	26115	674064	11.84%	0.191%
493	17.202	17.196	17.216	HH	25883	311295	5.47%	0.088%
494	17.236	17.216	17.265	HH	26492	761560	13.38%	0.216%
495	17.268	17.265	17.287	HH	26251	345979	6.08%	0.098%
496	17.291	17.287	17.296	HH	26012	145542	2.56%	0.041%
497	17.358	17.296	17.364	HH	28504	1098637	19.30%	0.311%
498	17.373	17.364	17.394	HH	28316	502316	8.82%	0.142%
499	17.410	17.394	17.415	HH	27789	334655	5.88%	0.095%
500	17.444	17.415	17.473	HH	36915	1077870	18.93%	0.305%
501	17.477	17.473	17.493	HH	28488	340556	5.98%	0.096%
502	17.533	17.493	17.556	HH	31392	1119913	19.67%	0.317%
503	17.574	17.556	17.609	HH	29794	926560	16.27%	0.262%
504	17.672	17.609	17.713	HH	31875	1854889	32.58%	0.525%
505	17.742	17.713	17.749	HH	29969	644828	11.33%	0.183%
506	17.756	17.749	17.772	HH	29961	408658	7.18%	0.116%
507	17.800	17.772	17.812	HH	31263	732670	12.87%	0.208%
508	17.848	17.812	17.854	HH	32644	800869	14.07%	0.227%
509	17.881	17.854	17.911	HH	53371	1333951	23.43%	0.378%

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510	17.933	17.911	17.944	HH	32615	634969	11.15%	0.180%
511	17.974	17.944	18.015	HH	45362	1560527	27.41%	0.442%
512	18.048	18.015	18.091	HH	49358	1776188	31.20%	0.503%
513	18.107	18.091	18.122	HH	38001	690595	12.13%	0.196%
514	18.141	18.122	18.182	HH	38893	1299948	22.83%	0.368%
515	18.227	18.182	18.269	HH	52185	2100866	36.90%	0.595%
516	18.304	18.269	18.343	HH	49388	1833924	32.21%	0.519%
517	18.346	18.343	18.356	HH	38815	309855	5.44%	0.088%
518	18.382	18.356	18.393	HH	40432	870667	15.29%	0.247%
519	18.403	18.393	18.410	HH	40092	416396	7.31%	0.118%
520	18.418	18.410	18.461	HH	40056	1186138	20.83%	0.336%
521	18.469	18.461	18.489	HH	37737	626136	11.00%	0.177%
522	18.507	18.489	18.529	HH	38492	924315	16.23%	0.262%
523	18.558	18.529	18.584	HH	38314	1232385	21.65%	0.349%
524	18.619	18.584	18.635	HH	39098	1171188	20.57%	0.332%
525	18.643	18.635	18.656	HH	38029	485082	8.52%	0.137%
526	18.708	18.656	18.748	HH	61022	2433943	42.75%	0.689%
527	18.753	18.748	18.758	HH	39637	237140	4.17%	0.067%
528	18.815	18.758	18.841	HH	49294	2147692	37.72%	0.608%
529	18.848	18.841	18.876	HH	42129	867835	15.24%	0.246%
530	18.892	18.876	18.906	HH	42082	746817	13.12%	0.212%
531	18.917	18.906	18.939	HH	42002	820898	14.42%	0.233%
532	18.946	18.939	18.962	HH	41608	589141	10.35%	0.167%
533	18.994	18.962	19.004	HH	42480	1055948	18.55%	0.299%
534	19.030	19.004	19.039	HH	43651	895143	15.72%	0.254%
535	19.055	19.039	19.064	HH	44395	663029	11.65%	0.188%
536	19.108	19.064	19.121	HH	49727	1582807	27.80%	0.448%
537	19.132	19.121	19.150	HH	48045	821188	14.42%	0.233%
538	19.154	19.150	19.171	HH	47192	574266	10.09%	0.163%
539	19.187	19.171	19.200	HH	47665	843509	14.82%	0.239%
540	19.215	19.200	19.222	HH	48023	624931	10.98%	0.177%
541	19.228	19.222	19.245	HH	48157	645473	11.34%	0.183%
542	19.268	19.245	19.280	HH	53512	1083546	19.03%	0.307%
543	19.291	19.280	19.310	HH	53086	933092	16.39%	0.264%
544	19.320	19.310	19.345	HH	50255	1008490	17.71%	0.286%
545	19.364	19.345	19.394	HH	48165	1398008	24.55%	0.396%
546	19.404	19.394	19.411	HH	46828	476945	8.38%	0.135%
547	19.444	19.411	19.464	HH	49847	1515679	26.62%	0.429%
548	19.495	19.464	19.527	HH	54073	1886139	33.13%	0.534%
549	19.550	19.527	19.557	HH	48582	872247	15.32%	0.247%
550	19.562	19.557	19.574	HH	48579	491376	8.63%	0.139%
551	19.598	19.574	19.631	HH	69956	1951082	34.27%	0.553%
552	19.644	19.631	19.664	HH	51005	985001	17.30%	0.279%
553	19.679	19.664	19.693	HH	50146	859947	15.10%	0.244%
554	19.715	19.693	19.740	HH	54989	1485270	26.09%	0.421%
555	19.746	19.740	19.751	HH	51249	352627	6.19%	0.100%
556	19.782	19.751	19.803	HH	53174	1602437	28.15%	0.454%
557	19.826	19.803	19.845	HH	52959	1317436	23.14%	0.373%
558	19.873	19.845	19.917	HH	58579	2391633	42.01%	0.677%
559	19.973	19.917	19.999	HH	54790	2672131	46.93%	0.757%
560	20.011	19.999	20.029	HH	54566	988136	17.36%	0.280%
561	20.060	20.029	20.074	HH	54997	1450627	25.48%	0.411%

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562	20.129	20.074	20.151	HH	59636	2663116	46.78%	0.754%
563	20.174	20.151	20.179	HH	58459	954489	16.76%	0.270%
564	20.233	20.179	20.252	HH	65531	2695525	47.34%	0.764%
565	20.300	20.252	20.337	HH	66698	3258522	57.23%	0.923%
566	20.365	20.337	20.389	HH	62431	1928431	33.87%	0.546%
567	20.413	20.389	20.437	HH	69934	1868789	32.82%	0.529%
568	20.441	20.437	20.449	HH	61621	464310	8.16%	0.132%
569	20.454	20.449	20.466	HH	61458	610564	10.72%	0.173%
570	20.472	20.466	20.486	HH	61346	721481	12.67%	0.204%
571	20.493	20.486	20.501	HH	61349	580033	10.19%	0.164%
572	20.506	20.501	20.540	HH	61295	1396473	24.53%	0.396%
573	20.595	20.540	20.629	HH	66011	3343067	58.72%	0.947%
574	20.636	20.629	20.653	HH	61728	903264	15.87%	0.256%
575	20.675	20.653	20.686	HH	61532	1189239	20.89%	0.337%
576	20.704	20.686	20.724	HH	61545	1426792	25.06%	0.404%
577	20.759	20.724	20.815	HH	63393	3374207	59.26%	0.956%
578	20.820	20.815	20.825	HH	61269	358094	6.29%	0.101%
579	20.830	20.825	20.846	HH	61292	764010	13.42%	0.216%
580	20.855	20.846	20.874	HH	61475	1060824	18.63%	0.301%
581	20.893	20.874	20.915	HH	61458	1495753	26.27%	0.424%
582	20.934	20.915	20.964	HH	61689	1815730	31.89%	0.514%
583	20.992	20.964	21.054	HH	65675	3356257	58.95%	0.951%
584	21.060	21.054	21.088	HH	60599	1197114	21.03%	0.339%
585	21.104	21.088	21.109	HH	60543	790490	13.88%	0.224%
586	21.132	21.109	21.136	HH	60678	967805	17.00%	0.274%
587	21.153	21.136	21.171	HH	61018	1281617	22.51%	0.363%
588	21.192	21.171	21.197	HH	60875	958143	16.83%	0.271%
589	21.221	21.197	21.240	HH	61121	1564131	27.47%	0.443%
590	21.246	21.240	21.270	HH	60947	1099431	19.31%	0.311%
591	21.283	21.270	21.288	HH	61211	660431	11.60%	0.187%
592	21.319	21.288	21.363	HH	62769	2752199	48.34%	0.780%
593	21.367	21.363	21.375	HH	60265	445265	7.82%	0.126%
594	21.380	21.375	21.392	HH	60196	594466	10.44%	0.168%
595	21.436	21.392	21.471	HH	63862	2916880	51.23%	0.826%
596	21.478	21.471	21.483	HH	60629	437987	7.69%	0.124%
597	21.486	21.483	21.496	HH	60621	492957	8.66%	0.140%
598	21.502	21.496	21.528	HH	60505	1134767	19.93%	0.321%
599	21.579	21.528	21.584	HH	60660	2056049	36.11%	0.582%
600	21.590	21.584	21.632	HH	60672	1721913	30.24%	0.488%
601	21.637	21.632	21.654	HH	60671	822087	14.44%	0.233%
602	21.658	21.654	21.662	HH	60622	285409	5.01%	0.081%
603	21.684	21.662	21.739	HH	60985	2800023	49.18%	0.793%
604	21.762	21.739	21.768	HH	60213	1036695	18.21%	0.294%
605	21.772	21.768	21.842	HH	60127	2669633	46.89%	0.756%
606	21.850	21.842	21.856	HH	59688	472692	8.30%	0.134%
607	21.861	21.856	21.871	HH	59737	548846	9.64%	0.155%
608	21.883	21.871	21.893	HH	59710	777062	13.65%	0.220%
609	21.937	21.893	22.035	HH	65242	5269246	92.55%	1.493%
610	22.086	22.035	22.091	HH	60527	2001336	35.15%	0.567%
611	22.097	22.091	22.110	HH	60548	711269	12.49%	0.201%
612	22.120	22.110	22.136	HH	60659	935321	16.43%	0.265%
613	22.149	22.136	22.185	HH	60506	1761635	30.94%	0.499%
614	22.213	22.185	22.274	HH	60495	3218676	56.53%	0.912%

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615	22.298	22.274	22.304	HH	60096	1086035	19.08%	0.308%
616	22.315	22.304	22.320	HH	60200	582986	10.24%	0.165%
617	22.324	22.320	22.331	HH	60105	386703	6.79%	0.110%
618	22.335	22.331	22.344	HH	60123	477596	8.39%	0.135%
619	22.350	22.344	22.363	HH	60174	671622	11.80%	0.190%
620	22.371	22.363	22.389	HH	59913	957322	16.81%	0.271%
621	22.394	22.389	22.407	HH	59782	631869	11.10%	0.179%
622	22.416	22.407	22.423	HH	59861	563155	9.89%	0.160%
623	22.431	22.423	22.437	HH	60033	506288	8.89%	0.143%
624	22.440	22.437	22.468	HH	59887	1109155	19.48%	0.314%
625	22.510	22.468	22.553	HH	62100	3092603	54.32%	0.876%
626	22.561	22.553	22.568	HH	59753	531858	9.34%	0.151%
627	22.579	22.568	22.612	HH	59655	1585239	27.84%	0.449%
628	22.627	22.612	22.652	HH	59741	1432886	25.17%	0.406%
629	22.660	22.652	22.671	HH	59638	688324	12.09%	0.195%
630	22.678	22.671	22.684	HH	59637	438864	7.71%	0.124%
631	22.704	22.684	22.718	HH	59812	1219443	21.42%	0.345%
632	22.758	22.718	22.803	HH	60841	3063531	53.81%	0.868%
633	22.808	22.803	22.813	HH	59100	357183	6.27%	0.101%
634	22.837	22.813	22.878	HH	60086	2330412	40.93%	0.660%
635	22.884	22.878	22.896	HH	59107	635671	11.16%	0.180%
636	22.907	22.896	22.911	HH	59177	539683	9.48%	0.153%
637	22.931	22.911	22.937	HH	59332	908430	15.96%	0.257%
638	22.941	22.937	22.962	HH	59277	907359	15.94%	0.257%
639	22.969	22.962	22.982	HH	59496	707264	12.42%	0.200%
640	22.987	22.982	23.006	HH	59432	857878	15.07%	0.243%
641	23.014	23.006	23.028	HH	59335	766370	13.46%	0.217%
642	23.035	23.028	23.045	HH	59428	621604	10.92%	0.176%
643	23.053	23.045	23.083	HH	59338	1325970	23.29%	0.376%
644	23.092	23.083	23.102	HH	59120	687142	12.07%	0.195%
645	23.108	23.102	23.120	HH	59074	651211	11.44%	0.184%
646	23.174	23.120	23.234	HH	61311	4087170	71.79%	1.158%
647	23.255	23.234	23.279	HH	59323	1616426	28.39%	0.458%
648	23.290	23.279	23.321	HH	59213	1474907	25.91%	0.418%
649	23.329	23.321	23.348	HH	59114	945576	16.61%	0.268%
650	23.355	23.348	23.373	HH	59051	885809	15.56%	0.251%
651	23.380	23.373	23.390	HH	58960	621133	10.91%	0.176%
652	23.397	23.390	23.416	HH	58983	909721	15.98%	0.258%
653	23.422	23.416	23.429	HH	58861	470157	8.26%	0.133%
654	23.437	23.429	23.455	HH	58790	895686	15.73%	0.254%
655	23.460	23.455	23.472	HH	58639	601118	10.56%	0.170%
656	23.491	23.472	23.497	HH	58596	865646	15.20%	0.245%
657	23.500	23.497	23.507	HH	58599	349958	6.15%	0.099%
658	23.528	23.507	23.539	HH	58786	1126360	19.78%	0.319%
659	23.556	23.539	23.565	HH	58764	918221	16.13%	0.260%
660	23.570	23.565	23.575	HH	58713	352620	6.19%	0.100%
661	23.579	23.575	23.602	HH	58717	944781	16.59%	0.268%
662	23.704	23.602	23.713	HH	59800	3924646	68.93%	1.112%
663	23.718	23.713	23.777	HH	59688	2275160	39.96%	0.644%
664	23.781	23.777	23.787	HH	58644	370459	6.51%	0.105%
665	23.793	23.787	23.808	HH	58649	713304	12.53%	0.202%
666	23.826	23.808	23.849	HH	58756	1474123	25.89%	0.418%

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667	23.859	23.849	23.876	HH	58736	933418	16.39%	0.264%
668	23.944	23.876	23.986	HH	60129	3920484	68.86%	1.111%
669	23.990	23.986	24.006	HH	58847	710686	12.48%	0.201%
670	24.011	24.006	24.039	HH	58542	1149330	20.19%	0.326%
671	24.067	24.039	24.071	HH	58488	1102138	19.36%	0.312%
672	24.075	24.071	24.081	HH	58547	368797	6.48%	0.104%
673	24.087	24.081	24.109	HH	58604	987473	17.34%	0.280%
674	24.125	24.109	24.129	HH	58639	712790	12.52%	0.202%
675	24.133	24.129	24.138	HH	58643	290401	5.10%	0.082%
676	24.208	24.138	24.213	HH	59909	2668144	46.86%	0.756%
677	24.221	24.213	24.225	HH	60070	459010	8.06%	0.130%
678	24.239	24.225	24.254	HH	60298	1043173	18.32%	0.296%
679	24.265	24.254	24.269	HH	60261	538571	9.46%	0.153%
680	24.278	24.269	24.283	HH	60449	501181	8.80%	0.142%
681	24.290	24.283	24.306	HH	60523	838734	14.73%	0.238%
682	24.379	24.306	24.463	HH	62000	5693427	100.00%	1.613%
683	24.468	24.463	24.491	HH	59073	995882	17.49%	0.282%
684	24.501	24.491	24.516	HH	58837	887416	15.59%	0.251%
685	24.527	24.516	24.534	HH	58848	625398	10.98%	0.177%
686	24.539	24.534	24.544	HH	58766	357203	6.27%	0.101%
687	24.551	24.544	24.571	HH	58793	948839	16.67%	0.269%
688	24.607	24.571	24.619	HH	58868	1703286	29.92%	0.482%
689	24.627	24.619	24.644	HH	58719	864163	15.18%	0.245%
690	24.652	24.644	24.683	HH	58670	1386927	24.36%	0.393%
691	24.687	24.683	24.696	HH	58409	439794	7.72%	0.125%
692	24.705	24.696	24.726	HH	58368	1048101	18.41%	0.297%
693	24.732	24.726	24.739	HH	58150	464668	8.16%	0.132%
694	24.748	24.739	24.765	HH	58307	903403	15.87%	0.256%
695	24.829	24.765	24.836	HH	60186	2515214	44.18%	0.712%
696	24.840	24.836	24.963	HH	60158	4483256	78.74%	1.270%
697	24.967	24.963	24.977	HH	58331	506080	8.89%	0.143%
698	24.984	24.977	24.990	HH	58285	449911	7.90%	0.127%
699	25.000	24.990	25.006	HH	58330	572672	10.06%	0.162%
700	25.017	25.006	25.021	HH	58442	515700	9.06%	0.146%
701	25.030	25.021	25.041	HH	58401	682716	11.99%	0.193%
702	25.054	25.041	25.068	HH	58266	961593	16.89%	0.272%
703	25.076	25.068	25.091	HH	58126	801322	14.07%	0.227%
704	25.102	25.091	25.113	HH	58106	771081	13.54%	0.218%
705	25.118	25.113	25.121	HH	58007	255947	4.50%	0.073%
706	25.125	25.121	25.132	HH	58071	388098	6.82%	0.110%
707	25.151	25.132	25.174	HH	58091	1483881	26.06%	0.420%
						Sum of corrected areas:	353019116	

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