

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE011718\
Data File : FE025665.D
Signal(s) : FID1B.CH
Acq On : 17 Jan 2018 23:19
Sample : J1163-09
Misc :
ALS Vial : 15 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	2.468	2.461	2.475	BH	179	414	0.01%	0.000%
2	2.483	2.475	2.488	PH	126	594	0.01%	0.000%
3	2.492	2.488	2.501	PH	171	-53	-0.00%	-0.000%
4	2.506	2.501	2.510	PH	18	-182	-0.00%	-0.000%
5	2.519	2.510	2.537	PH	140	576	0.01%	0.000%
6	2.547	2.537	2.556	PH	219	1273	0.02%	0.000%
7	2.561	2.556	2.572	HH	226	1186	0.02%	0.000%
8	2.579	2.572	2.594	HH	207	1662	0.02%	0.001%
9	2.617	2.594	2.629	PH	315	3146	0.05%	0.001%
10	2.633	2.629	2.650	HH	336	1880	0.03%	0.001%
11	2.668	2.650	2.679	PH	223	2385	0.04%	0.001%
12	2.684	2.679	2.693	HH	280	1528	0.02%	0.000%
13	2.707	2.693	2.713	HH	509	3411	0.05%	0.001%
14	2.717	2.713	2.721	HH	434	1466	0.02%	0.000%
15	2.726	2.721	2.732	HH	443	2628	0.04%	0.001%
16	2.747	2.732	2.759	HH	700	8003	0.12%	0.003%
17	2.777	2.759	2.787	HH	527	7375	0.11%	0.002%
18	2.796	2.787	2.817	HH	517	6882	0.10%	0.002%
19	2.828	2.817	2.835	HH	471	4099	0.06%	0.001%
20	2.840	2.835	2.847	HH	492	2807	0.04%	0.001%
21	2.864	2.847	2.872	HH	671	7147	0.11%	0.002%
22	2.893	2.872	2.906	HH	560	9088	0.14%	0.003%
23	2.919	2.906	2.936	HH	642	8340	0.12%	0.003%
24	2.950	2.936	2.962	HH	616	8224	0.12%	0.003%
25	2.966	2.962	2.983	HH	587	6398	0.10%	0.002%
26	2.989	2.983	3.005	HH	700	7485	0.11%	0.002%
27	3.017	3.005	3.035	HH	745	11190	0.17%	0.004%
28	3.047	3.035	3.054	HH	757	7470	0.11%	0.002%
29	3.057	3.054	3.062	HH	639	2761	0.04%	0.001%
30	3.070	3.062	3.076	HH	744	5657	0.08%	0.002%
31	3.082	3.076	3.100	HH	820	9876	0.15%	0.003%
32	3.108	3.100	3.118	HH	733	7540	0.11%	0.002%
33	3.139	3.118	3.143	HH	1011	12366	0.19%	0.004%
34	3.148	3.143	3.164	HH	944	10477	0.16%	0.003%
35	3.169	3.164	3.172	HH	835	3800	0.06%	0.001%
36	3.180	3.172	3.183	HH	848	5241	0.08%	0.002%

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37	3.188	3.183	3.202	HH	959	9082	0.14%	0.003%
38	3.210	3.202	3.214	HH	798	5377	0.08%	0.002%
39	3.220	3.214	3.227	HH	853	5925	0.09%	0.002%
40	3.236	3.227	3.241	HH	967	7065	0.11%	0.002%
41	3.256	3.241	3.268	HH	983	14795	0.22%	0.005%
42	3.271	3.268	3.275	HH	1068	3457	0.05%	0.001%
43	3.281	3.275	3.295	HH	1002	10779	0.16%	0.003%
44	3.305	3.295	3.311	HH	959	8110	0.12%	0.003%
45	3.314	3.311	3.320	HH	945	4818	0.07%	0.002%
46	3.326	3.320	3.331	HH	930	5690	0.09%	0.002%
47	3.341	3.331	3.347	HH	1126	9526	0.14%	0.003%
48	3.353	3.347	3.364	HH	1060	10299	0.15%	0.003%
49	3.371	3.364	3.375	HH	1083	6817	0.10%	0.002%
50	3.381	3.375	3.388	HH	1121	8262	0.12%	0.003%
51	3.391	3.388	3.403	HH	1135	10170	0.15%	0.003%
52	3.410	3.403	3.415	HH	1121	7368	0.11%	0.002%
53	3.422	3.415	3.426	HH	1203	7102	0.11%	0.002%
54	3.432	3.426	3.443	HH	1189	11205	0.17%	0.004%
55	3.459	3.443	3.466	HH	1302	15346	0.23%	0.005%
56	3.470	3.466	3.476	HH	1266	6918	0.10%	0.002%
57	3.488	3.476	3.492	HH	1346	11103	0.17%	0.004%
58	3.496	3.492	3.505	HH	1399	10365	0.16%	0.003%
59	3.520	3.505	3.553	HH	1508	36976	0.55%	0.012%
60	3.560	3.553	3.566	HH	1311	9729	0.15%	0.003%
61	3.570	3.566	3.585	HH	1318	13325	0.20%	0.004%
62	3.595	3.585	3.605	HH	1363	14867	0.22%	0.005%
63	3.609	3.605	3.622	HH	1405	12486	0.19%	0.004%
64	3.629	3.622	3.640	HH	1363	13399	0.20%	0.004%
65	3.647	3.640	3.654	HH	1335	10432	0.16%	0.003%
66	3.660	3.654	3.667	HH	1322	9871	0.15%	0.003%
67	3.680	3.667	3.686	HH	1338	15018	0.23%	0.005%
68	3.693	3.686	3.703	HH	1493	13977	0.21%	0.004%
69	3.709	3.703	3.717	HH	1432	11054	0.17%	0.004%
70	3.721	3.717	3.724	HH	1409	5857	0.09%	0.002%
71	3.729	3.724	3.746	HH	1491	18187	0.27%	0.006%
72	3.750	3.746	3.756	HH	1424	7859	0.12%	0.003%
73	3.764	3.756	3.780	HH	1527	20718	0.31%	0.007%
74	3.785	3.780	3.792	HH	1495	9873	0.15%	0.003%
75	3.796	3.792	3.802	HH	1467	8876	0.13%	0.003%
76	3.809	3.802	3.817	HH	1607	13258	0.20%	0.004%
77	3.848	3.817	3.853	HH	1652	34197	0.51%	0.011%
78	3.864	3.853	3.874	HH	1656	20076	0.30%	0.006%
79	3.878	3.874	3.883	HH	1577	8552	0.13%	0.003%
80	3.892	3.883	3.905	HH	1656	20114	0.30%	0.006%
81	3.919	3.905	3.930	HH	1728	23114	0.35%	0.007%
82	3.935	3.930	3.940	HH	1609	9117	0.14%	0.003%
83	3.958	3.940	3.964	HH	1658	22554	0.34%	0.007%
84	3.969	3.964	3.981	HH	1767	15854	0.24%	0.005%
85	3.995	3.981	4.001	HH	1689	19530	0.29%	0.006%
86	4.008	4.001	4.012	HH	1650	10193	0.15%	0.003%
87	4.018	4.012	4.022	HH	1664	9770	0.15%	0.003%
88	4.040	4.022	4.044	HH	1813	22825	0.34%	0.007%
89	4.049	4.044	4.070	HH	1800	26257	0.39%	0.008%

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90	4.080	4.070	4.093	HH	1936	23494	0.35%	0.008%
91	4.104	4.093	4.113	HH	1845	21686	0.32%	0.007%
92	4.118	4.113	4.123	HH	1795	10673	0.16%	0.003%
93	4.128	4.123	4.132	HH	1766	8555	0.13%	0.003%
94	4.146	4.132	4.150	HH	1931	19716	0.30%	0.006%
95	4.154	4.150	4.163	HH	1852	13360	0.20%	0.004%
96	4.174	4.163	4.180	HH	1948	19091	0.29%	0.006%
97	4.191	4.180	4.199	HH	2022	22795	0.34%	0.007%
98	4.218	4.199	4.348	HH	10758	526244	7.88%	0.168%
99	4.352	4.348	4.360	HH	3746	27769	0.42%	0.009%
100	4.364	4.360	4.392	HH	3509	62159	0.93%	0.020%
101	4.398	4.392	4.408	HH	3234	31457	0.47%	0.010%
102	4.414	4.408	4.444	HH	3175	64551	0.97%	0.021%
103	4.449	4.444	4.456	HH	3075	22490	0.34%	0.007%
104	4.458	4.456	4.473	HH	3101	29812	0.45%	0.010%
105	4.486	4.473	4.506	HH	3025	58812	0.88%	0.019%
106	4.510	4.506	4.532	HH	2993	45197	0.68%	0.014%
107	4.539	4.532	4.543	HH	2901	18763	0.28%	0.006%
108	4.568	4.543	4.585	HH	3524	78769	1.18%	0.025%
109	4.591	4.585	4.596	HH	2881	17170	0.26%	0.005%
110	4.600	4.596	4.623	HH	2896	45759	0.69%	0.015%
111	4.627	4.623	4.643	HH	2817	34564	0.52%	0.011%
112	4.652	4.643	4.678	HH	2890	58490	0.88%	0.019%
113	4.684	4.678	4.693	HH	2867	25360	0.38%	0.008%
114	4.699	4.693	4.719	HH	2927	42202	0.63%	0.013%
115	4.735	4.719	4.763	HH	3251	77346	1.16%	0.025%
116	4.775	4.763	4.786	HH	2933	38611	0.58%	0.012%
117	4.793	4.786	4.812	HH	2903	43072	0.65%	0.014%
118	4.818	4.812	4.829	HH	2810	28258	0.42%	0.009%
119	4.833	4.829	4.838	HH	2817	14035	0.21%	0.004%
120	4.851	4.838	4.867	HH	2805	48213	0.72%	0.015%
121	4.873	4.867	4.898	HH	2805	50745	0.76%	0.016%
122	4.903	4.898	4.909	HH	2800	19213	0.29%	0.006%
123	4.915	4.909	4.930	HH	2882	34206	0.51%	0.011%
124	4.944	4.930	4.956	HH	2808	42651	0.64%	0.014%
125	4.968	4.956	4.980	HH	2838	40153	0.60%	0.013%
126	4.985	4.980	4.991	HH	2849	18282	0.27%	0.006%
127	5.000	4.991	5.009	HH	2890	29932	0.45%	0.010%
128	5.021	5.009	5.038	HH	2888	48433	0.73%	0.015%
129	5.048	5.038	5.054	HH	2925	26968	0.40%	0.009%
130	5.069	5.054	5.073	HH	2957	32836	0.49%	0.010%
131	5.077	5.073	5.091	HH	2899	30465	0.46%	0.010%
132	5.095	5.091	5.102	HH	2938	19870	0.30%	0.006%
133	5.108	5.102	5.115	HH	2932	22316	0.33%	0.007%
134	5.123	5.115	5.130	HH	2940	25794	0.39%	0.008%
135	5.139	5.130	5.156	HH	2980	44184	0.66%	0.014%
136	5.172	5.156	5.194	HH	3182	70011	1.05%	0.022%
137	5.209	5.194	5.221	HH	3131	48286	0.72%	0.015%
138	5.237	5.221	5.255	HH	3119	60845	0.91%	0.019%
139	5.262	5.255	5.267	HH	3022	22499	0.34%	0.007%
140	5.274	5.267	5.283	HH	3070	27499	0.41%	0.009%
141	5.304	5.283	5.313	HH	3084	55545	0.83%	0.018%

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142	5.319	5.313	5.337	HH	3129	42799	0.64%	0.014%
143	5.347	5.337	5.353	HH	3138	29191	0.44%	0.009%
144	5.362	5.353	5.367	HH	3193	26381	0.40%	0.008%
145	5.370	5.367	5.374	HH	3167	13825	0.21%	0.004%
146	5.385	5.374	5.391	HH	3197	31051	0.47%	0.010%
147	5.395	5.391	5.403	HH	3192	22055	0.33%	0.007%
148	5.415	5.403	5.419	HH	3262	31344	0.47%	0.010%
149	5.425	5.419	5.433	HH	3243	25699	0.39%	0.008%
150	5.437	5.433	5.444	HH	3367	21685	0.32%	0.007%
151	5.456	5.444	5.469	HH	3295	47181	0.71%	0.015%
152	5.477	5.469	5.487	HH	3264	33854	0.51%	0.011%
153	5.494	5.487	5.500	HH	3364	26469	0.40%	0.008%
154	5.502	5.500	5.507	HH	3305	12955	0.19%	0.004%
155	5.521	5.507	5.526	HH	3368	37152	0.56%	0.012%
156	5.531	5.526	5.544	HH	3338	36155	0.54%	0.012%
157	5.549	5.544	5.554	HH	3361	18725	0.28%	0.006%
158	5.562	5.554	5.576	HH	3464	45740	0.69%	0.015%
159	5.586	5.576	5.593	HH	3374	33599	0.50%	0.011%
160	5.599	5.593	5.608	HH	3519	30812	0.46%	0.010%
161	5.611	5.608	5.633	HH	3557	50381	0.75%	0.016%
162	5.637	5.633	5.649	HH	3391	32485	0.49%	0.010%
163	5.677	5.649	5.693	HH	3588	91129	1.37%	0.029%
164	5.701	5.693	5.706	HH	3555	27209	0.41%	0.009%
165	5.710	5.706	5.727	HH	3603	43884	0.66%	0.014%
166	5.737	5.727	5.743	HH	3686	35623	0.53%	0.011%
167	5.747	5.743	5.757	HH	3667	29389	0.44%	0.009%
168	5.760	5.757	5.778	HH	3589	44193	0.66%	0.014%
169	5.794	5.778	5.808	HH	3664	61784	0.93%	0.020%
170	5.822	5.808	5.828	HH	3616	42378	0.63%	0.014%
171	5.831	5.828	5.844	HH	3618	35406	0.53%	0.011%
172	5.849	5.844	5.855	HH	3584	22796	0.34%	0.007%
173	5.860	5.855	5.875	HH	3654	43510	0.65%	0.014%
174	5.894	5.875	5.901	HH	3621	55067	0.83%	0.018%
175	5.907	5.901	5.911	HH	3688	21465	0.32%	0.007%
176	5.932	5.911	5.937	HH	3693	56154	0.84%	0.018%
177	5.947	5.937	5.952	HH	3787	34233	0.51%	0.011%
178	5.961	5.952	5.972	HH	3916	46542	0.70%	0.015%
179	5.978	5.972	5.986	HH	3935	31357	0.47%	0.010%
180	5.990	5.986	5.998	HH	3883	28356	0.42%	0.009%
181	6.003	5.998	6.009	HH	3942	25084	0.38%	0.008%
182	6.015	6.009	6.019	HH	3824	23146	0.35%	0.007%
183	6.023	6.019	6.027	HH	3779	17865	0.27%	0.006%
184	6.033	6.027	6.043	HH	3886	36590	0.55%	0.012%
185	6.050	6.043	6.057	HH	3863	32468	0.49%	0.010%
186	6.062	6.057	6.072	HH	3915	34057	0.51%	0.011%
187	6.077	6.072	6.093	HH	3968	47601	0.71%	0.015%
188	6.101	6.093	6.111	HH	4005	42917	0.64%	0.014%
189	6.114	6.111	6.123	HH	3886	28878	0.43%	0.009%
190	6.144	6.123	6.162	HH	4007	90005	1.35%	0.029%
191	6.166	6.162	6.173	HH	4030	25695	0.38%	0.008%
192	6.180	6.173	6.187	HH	3993	33732	0.51%	0.011%
193	6.190	6.187	6.199	HH	4011	28702	0.43%	0.009%
194	6.205	6.199	6.217	HH	4113	44275	0.66%	0.014%

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195	6.228	6.217	6.231	HH	4101	33944	0.51%	0.011%
196	6.253	6.231	6.262	HH	4277	75988	1.14%	0.024%
197	6.269	6.262	6.277	HH	4192	36780	0.55%	0.012%
198	6.295	6.277	6.325	HH	6480	140946	2.11%	0.045%
199	6.328	6.325	6.351	HH	4282	64755	0.97%	0.021%
200	6.365	6.351	6.372	HH	4314	53910	0.81%	0.017%
201	6.400	6.372	6.409	HH	4424	95670	1.43%	0.031%
202	6.414	6.409	6.418	HH	4334	23503	0.35%	0.008%
203	6.425	6.418	6.434	HH	4399	39438	0.59%	0.013%
204	6.449	6.434	6.462	HH	4529	75415	1.13%	0.024%
205	6.475	6.462	6.478	HH	4495	41984	0.63%	0.013%
206	6.483	6.478	6.488	HH	4507	24210	0.36%	0.008%
207	6.496	6.488	6.503	HH	4584	40552	0.61%	0.013%
208	6.506	6.503	6.511	HH	4592	22778	0.34%	0.007%
209	6.518	6.511	6.526	HH	4646	40778	0.61%	0.013%
210	6.530	6.526	6.544	HH	4637	50295	0.75%	0.016%
211	6.599	6.544	6.626	HH	4853	230053	3.45%	0.073%
212	6.633	6.626	6.639	HH	4810	37832	0.57%	0.012%
213	6.646	6.639	6.651	HH	4788	31201	0.47%	0.010%
214	6.659	6.651	6.664	HH	4753	38107	0.57%	0.012%
215	6.676	6.664	6.694	HH	4876	86744	1.30%	0.028%
216	6.708	6.694	6.720	HH	4827	73295	1.10%	0.023%
217	6.736	6.720	6.741	HH	4834	60615	0.91%	0.019%
218	6.748	6.741	6.759	HH	4800	51106	0.77%	0.016%
219	6.769	6.759	6.773	HH	4819	40198	0.60%	0.013%
220	6.779	6.773	6.789	HH	4897	45275	0.68%	0.014%
221	6.794	6.789	6.798	HH	4879	26991	0.40%	0.009%
222	6.804	6.798	6.809	HH	4971	31614	0.47%	0.010%
223	6.816	6.809	6.820	HH	4843	31673	0.47%	0.010%
224	6.854	6.820	6.868	HH	4897	136979	2.05%	0.044%
225	6.871	6.868	6.874	HH	4943	19798	0.30%	0.006%
226	6.895	6.874	6.984	HH	6528	376331	5.64%	0.120%
227	6.988	6.984	6.999	HH	5287	45654	0.68%	0.015%
228	7.008	6.999	7.019	HH	5265	63374	0.95%	0.020%
229	7.023	7.019	7.030	HH	5294	34297	0.51%	0.011%
230	7.046	7.030	7.058	HH	5263	84856	1.27%	0.027%
231	7.061	7.058	7.065	HH	5248	23238	0.35%	0.007%
232	7.096	7.065	7.101	HH	5648	117468	1.76%	0.038%
233	7.108	7.101	7.117	HH	5591	52479	0.79%	0.017%
234	7.122	7.117	7.129	HH	5496	39595	0.59%	0.013%
235	7.136	7.129	7.146	HH	5448	52783	0.79%	0.017%
236	7.150	7.146	7.154	HH	5318	27086	0.41%	0.009%
237	7.162	7.154	7.167	HH	5282	39404	0.59%	0.013%
238	7.170	7.167	7.177	HH	5273	31454	0.47%	0.010%
239	7.183	7.177	7.187	HH	5314	31990	0.48%	0.010%
240	7.195	7.187	7.206	HH	5380	60967	0.91%	0.019%
241	7.216	7.206	7.238	HH	5613	101548	1.52%	0.032%
242	7.255	7.238	7.274	HH	5516	115994	1.74%	0.037%
243	7.294	7.274	7.320	HH	5729	153258	2.30%	0.049%
244	7.327	7.320	7.332	HH	5593	38393	0.58%	0.012%
245	7.347	7.332	7.353	HH	5606	68701	1.03%	0.022%
246	7.360	7.353	7.373	HH	5649	66442	1.00%	0.021%

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247	7.377	7.373	7.381	HH	5652	27703	0.42%	0.009%
248	7.387	7.381	7.406	HH	5587	83118	1.25%	0.027%
249	7.423	7.406	7.442	HH	5734	120141	1.80%	0.038%
250	7.449	7.442	7.454	HH	5607	40600	0.61%	0.013%
251	7.476	7.454	7.497	HH	5651	143716	2.15%	0.046%
252	7.517	7.497	7.526	HH	6008	101645	1.52%	0.032%
253	7.530	7.526	7.552	HH	5813	87780	1.32%	0.028%
254	7.554	7.552	7.566	HH	5722	47931	0.72%	0.015%
255	7.571	7.566	7.586	HH	5622	66818	1.00%	0.021%
256	7.591	7.586	7.599	HH	5582	44146	0.66%	0.014%
257	7.606	7.599	7.613	HH	5633	47150	0.71%	0.015%
258	7.615	7.613	7.619	HH	5568	19331	0.29%	0.006%
259	7.640	7.619	7.649	HH	5702	99546	1.49%	0.032%
260	7.658	7.649	7.664	HH	5730	51035	0.76%	0.016%
261	7.669	7.664	7.677	HH	5650	42529	0.64%	0.014%
262	7.692	7.677	7.707	HH	5744	101523	1.52%	0.032%
263	7.727	7.707	7.734	HH	5800	94283	1.41%	0.030%
264	7.739	7.734	7.743	HH	5721	27971	0.42%	0.009%
265	7.746	7.743	7.756	HH	5860	45113	0.68%	0.014%
266	7.760	7.756	7.768	HH	5804	40649	0.61%	0.013%
267	7.771	7.768	7.786	HH	5823	63594	0.95%	0.020%
268	7.800	7.786	7.812	HH	5984	89385	1.34%	0.029%
269	7.818	7.812	7.824	HH	5868	43692	0.65%	0.014%
270	7.833	7.824	7.838	HH	5844	47703	0.71%	0.015%
271	7.851	7.838	7.863	HH	5976	89185	1.34%	0.028%
272	7.867	7.863	7.871	HH	5934	27968	0.42%	0.009%
273	7.917	7.871	7.931	HH	6678	223092	3.34%	0.071%
274	7.936	7.931	7.946	HH	6148	53202	0.80%	0.017%
275	7.976	7.946	7.980	HH	6421	129156	1.94%	0.041%
276	7.986	7.980	8.010	HH	6343	110801	1.66%	0.035%
277	8.018	8.010	8.023	HH	6089	47039	0.70%	0.015%
278	8.033	8.023	8.040	HH	6194	62295	0.93%	0.020%
279	8.045	8.040	8.050	HH	6077	36285	0.54%	0.012%
280	8.073	8.050	8.100	HH	6354	183712	2.75%	0.059%
281	8.117	8.100	8.121	HH	6182	75983	1.14%	0.024%
282	8.133	8.121	8.140	HH	6379	71882	1.08%	0.023%
283	8.168	8.140	8.183	HH	6356	159855	2.40%	0.051%
284	8.198	8.183	8.211	HH	6547	108471	1.63%	0.035%
285	8.215	8.211	8.228	HH	6345	63221	0.95%	0.020%
286	8.233	8.228	8.246	HH	6354	67725	1.01%	0.022%
287	8.262	8.246	8.272	HH	6539	101022	1.51%	0.032%
288	8.292	8.272	8.308	HH	6761	145340	2.18%	0.046%
289	8.315	8.308	8.325	HH	6610	64051	0.96%	0.020%
290	8.329	8.325	8.335	HH	6609	40257	0.60%	0.013%
291	8.354	8.335	8.362	HH	6839	107459	1.61%	0.034%
292	8.379	8.362	8.418	HH	8059	238924	3.58%	0.076%
293	8.425	8.418	8.437	HH	6616	74862	1.12%	0.024%
294	8.460	8.437	8.641	HH	50713	1847116	27.68%	0.590%
295	8.647	8.641	8.655	HH	7480	61191	0.92%	0.020%
296	8.660	8.655	8.673	HH	7338	76396	1.14%	0.024%
297	8.678	8.673	8.700	HH	7400	120291	1.80%	0.038%
298	8.705	8.700	8.722	HH	7230	92929	1.39%	0.030%
299	8.740	8.722	8.767	HH	7483	198667	2.98%	0.063%

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300	8.775	8.767	8.780	HH	7334	54945	0.82%	0.018%
301	8.790	8.780	8.818	HH	7536	165519	2.48%	0.053%
302	8.851	8.818	8.859	HH	7639	184904	2.77%	0.059%
303	8.863	8.859	8.877	HH	7597	79166	1.19%	0.025%
304	8.881	8.877	8.887	HH	7506	47025	0.70%	0.015%
305	8.913	8.887	8.952	HH	7992	294420	4.41%	0.094%
306	8.966	8.952	9.001	HH	7568	218944	3.28%	0.070%
307	9.007	9.001	9.011	HH	7386	43349	0.65%	0.014%
308	9.016	9.011	9.023	HH	7449	52703	0.79%	0.017%
309	9.046	9.023	9.051	HH	7559	127451	1.91%	0.041%
310	9.056	9.051	9.070	HH	7540	84897	1.27%	0.027%
311	9.081	9.070	9.098	HH	7635	128742	1.93%	0.041%
312	9.128	9.098	9.143	HH	8089	210903	3.16%	0.067%
313	9.164	9.143	9.182	HH	7917	182334	2.73%	0.058%
314	9.202	9.182	9.235	HH	10097	276002	4.14%	0.088%
315	9.240	9.235	9.261	HH	7935	118627	1.78%	0.038%
316	9.269	9.261	9.273	HH	7698	57662	0.86%	0.018%
317	9.286	9.273	9.312	HH	7873	179002	2.68%	0.057%
318	9.335	9.312	9.347	HH	7796	161814	2.42%	0.052%
319	9.382	9.347	9.411	HH	8782	315145	4.72%	0.101%
320	9.414	9.411	9.436	HH	7937	117442	1.76%	0.038%
321	9.442	9.436	9.446	HH	7879	49312	0.74%	0.016%
322	9.469	9.446	9.487	HH	8228	194991	2.92%	0.062%
323	9.496	9.487	9.522	HH	8018	166750	2.50%	0.053%
324	9.529	9.522	9.539	HH	7952	81518	1.22%	0.026%
325	9.576	9.539	9.590	HH	8359	248830	3.73%	0.079%
326	9.610	9.590	9.642	HH	9306	271064	4.06%	0.087%
327	9.659	9.642	9.689	HH	8662	241688	3.62%	0.077%
328	9.710	9.689	9.720	HH	8415	151508	2.27%	0.048%
329	9.723	9.720	9.727	HH	8338	33832	0.51%	0.011%
330	9.746	9.727	9.750	HH	8549	118704	1.78%	0.038%
331	9.756	9.750	9.767	HH	8575	84321	1.26%	0.027%
332	9.791	9.767	9.802	HH	8694	180380	2.70%	0.058%
333	9.815	9.802	9.842	HH	8841	206391	3.09%	0.066%
334	9.846	9.842	9.852	HH	8497	50581	0.76%	0.016%
335	9.855	9.852	9.868	HH	8448	84124	1.26%	0.027%
336	9.875	9.868	9.881	HH	8474	63242	0.95%	0.020%
337	9.901	9.881	9.962	HH	14537	562408	8.43%	0.180%
338	9.979	9.962	10.021	HH	11751	361950	5.42%	0.116%
339	10.034	10.021	10.053	HH	9563	177410	2.66%	0.057%
340	10.059	10.053	10.078	HH	9155	135861	2.04%	0.043%
341	10.083	10.078	10.090	HH	9092	68499	1.03%	0.022%
342	10.121	10.090	10.147	HH	9138	306340	4.59%	0.098%
343	10.160	10.147	10.167	HH	9164	109214	1.64%	0.035%
344	10.174	10.167	10.200	HH	9096	180050	2.70%	0.058%
345	10.209	10.200	10.216	HH	9057	83673	1.25%	0.027%
346	10.222	10.216	10.228	HH	9009	69225	1.04%	0.022%
347	10.249	10.228	10.262	HH	9185	183117	2.74%	0.058%
348	10.270	10.262	10.277	HH	9082	79125	1.19%	0.025%
349	10.289	10.277	10.294	HH	9254	96046	1.44%	0.031%
350	10.321	10.294	10.342	HH	9612	270090	4.05%	0.086%
351	10.367	10.342	10.393	HH	9857	288700	4.33%	0.092%

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352	10.410	10.393	10.442	HH	9647	277655	4.16%	0.089%
353	10.455	10.442	10.490	HH	9662	273948	4.10%	0.088%
354	10.511	10.490	10.519	HH	9589	161226	2.42%	0.052%
355	10.537	10.519	10.558	HH	9725	230726	3.46%	0.074%
356	10.570	10.558	10.578	HH	9769	115823	1.74%	0.037%
357	10.582	10.578	10.586	HH	9642	43184	0.65%	0.014%
358	10.621	10.586	10.631	HH	10033	263424	3.95%	0.084%
359	10.649	10.631	10.671	HH	10620	247937	3.71%	0.079%
360	10.691	10.671	10.702	HH	10757	194513	2.91%	0.062%
361	10.717	10.702	10.761	HH	11505	370252	5.55%	0.118%
362	10.788	10.761	10.812	HH	10327	312649	4.68%	0.100%
363	10.823	10.812	10.828	HH	10042	96991	1.45%	0.031%
364	10.855	10.828	10.888	HH	10524	360850	5.41%	0.115%
365	10.909	10.888	10.913	HH	10140	154604	2.32%	0.049%
366	10.918	10.913	10.925	HH	10204	72264	1.08%	0.023%
367	10.942	10.925	10.952	HH	10414	164777	2.47%	0.053%
368	10.955	10.952	10.961	HH	10294	54713	0.82%	0.017%
369	10.969	10.961	10.975	HH	10261	87844	1.32%	0.028%
370	10.984	10.975	10.993	HH	10333	108320	1.62%	0.035%
371	10.997	10.993	11.008	HH	10369	97082	1.45%	0.031%
372	11.035	11.008	11.055	HH	10656	293454	4.40%	0.094%
373	11.061	11.055	11.069	HH	10509	86442	1.30%	0.028%
374	11.091	11.069	11.100	HH	10764	195733	2.93%	0.063%
375	11.104	11.100	11.124	HH	10662	156284	2.34%	0.050%
376	11.133	11.124	11.155	HH	10618	194488	2.91%	0.062%
377	11.172	11.155	11.186	HH	10602	196698	2.95%	0.063%
378	11.195	11.186	11.208	HH	10585	140368	2.10%	0.045%
379	11.224	11.208	11.246	HH	10858	242968	3.64%	0.078%
380	11.258	11.246	11.270	HH	10733	151016	2.26%	0.048%
381	11.283	11.270	11.298	HH	10772	177910	2.67%	0.057%
382	11.320	11.298	11.331	HH	10853	215623	3.23%	0.069%
383	11.356	11.331	11.382	HH	11171	332702	4.99%	0.106%
384	11.385	11.382	11.390	HH	11628	52049	0.78%	0.017%
385	11.420	11.390	11.478	HH	12572	603743	9.05%	0.193%
386	11.505	11.478	11.543	HH	11606	433088	6.49%	0.138%
387	11.548	11.543	11.554	HH	10966	71909	1.08%	0.023%
388	11.559	11.554	11.566	HH	10995	81130	1.22%	0.026%
389	11.589	11.566	11.602	HH	11377	241100	3.61%	0.077%
390	11.615	11.602	11.637	HH	11411	237888	3.56%	0.076%
391	11.640	11.637	11.645	HH	11129	53751	0.81%	0.017%
392	11.661	11.645	11.686	HH	11542	276079	4.14%	0.088%
393	11.691	11.686	11.695	HH	11262	60246	0.90%	0.019%
394	11.723	11.695	11.752	HH	11528	392957	5.89%	0.126%
395	11.761	11.752	11.768	HH	11317	103269	1.55%	0.033%
396	11.774	11.768	11.796	HH	11356	195234	2.93%	0.062%
397	11.822	11.796	11.841	HH	12044	310374	4.65%	0.099%
398	11.847	11.841	11.862	HH	11685	152217	2.28%	0.049%
399	11.867	11.862	11.885	HH	11543	156604	2.35%	0.050%
400	11.900	11.885	11.925	HH	11907	278839	4.18%	0.089%
401	11.935	11.925	11.952	HH	11799	188750	2.83%	0.060%
402	11.980	11.952	12.003	HH	12013	362370	5.43%	0.116%
403	12.028	12.003	12.039	HH	12028	262186	3.93%	0.084%
404	12.089	12.039	12.126	HH	13394	638995	9.57%	0.204%

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405	12.152	12.126	12.178	HH	12540	381306	5.71%	0.122%
406	12.197	12.178	12.222	HH	12593	325449	4.88%	0.104%
407	12.226	12.222	12.236	HH	12131	102670	1.54%	0.033%
408	12.240	12.236	12.258	HH	12053	156337	2.34%	0.050%
409	12.263	12.258	12.270	HH	12102	90001	1.35%	0.029%
410	12.273	12.270	12.281	HH	12025	75345	1.13%	0.024%
411	12.305	12.281	12.327	HH	12539	337129	5.05%	0.108%
412	12.331	12.327	12.336	HH	12241	67845	1.02%	0.022%
413	12.363	12.336	12.368	HH	12394	235054	3.52%	0.075%
414	12.377	12.368	12.393	HH	12472	183025	2.74%	0.058%
415	12.397	12.393	12.403	HH	12371	73737	1.10%	0.024%
416	12.421	12.403	12.439	HH	12993	271888	4.07%	0.087%
417	12.443	12.439	12.448	HH	12375	66817	1.00%	0.021%
418	12.467	12.448	12.476	HH	12559	211041	3.16%	0.067%
419	12.496	12.476	12.516	HH	12660	304667	4.56%	0.097%
420	12.521	12.516	12.527	HH	12569	78300	1.17%	0.025%
421	12.531	12.527	12.540	HH	12623	99001	1.48%	0.032%
422	12.556	12.540	12.585	HH	12684	338328	5.07%	0.108%
423	12.594	12.585	12.598	HH	12655	102263	1.53%	0.033%
424	12.637	12.598	12.644	HH	12803	351665	5.27%	0.112%
425	12.675	12.644	12.685	HH	13134	319092	4.78%	0.102%
426	12.690	12.685	12.707	HH	13070	168612	2.53%	0.054%
427	12.726	12.707	12.764	HH	14806	465974	6.98%	0.149%
428	12.769	12.764	12.774	HH	12988	71455	1.07%	0.023%
429	12.792	12.774	12.809	HH	13398	281267	4.21%	0.090%
430	12.824	12.809	12.829	HH	13130	155598	2.33%	0.050%
431	12.842	12.829	12.867	HH	13199	298093	4.47%	0.095%
432	12.880	12.867	12.887	HH	12996	155791	2.33%	0.050%
433	12.896	12.887	12.939	HH	13072	400196	6.00%	0.128%
434	12.947	12.939	12.958	HH	13049	152245	2.28%	0.049%
435	12.980	12.958	12.999	HH	13425	325433	4.88%	0.104%
436	13.004	12.999	13.031	HH	13238	250381	3.75%	0.080%
437	13.051	13.031	13.059	HH	13244	226081	3.39%	0.072%
438	13.064	13.059	13.069	HH	13248	77871	1.17%	0.025%
439	13.097	13.069	13.107	HH	13349	303470	4.55%	0.097%
440	13.124	13.107	13.136	HH	13468	229628	3.44%	0.073%
441	13.141	13.136	13.144	HH	13480	65564	0.98%	0.021%
442	13.165	13.144	13.187	HH	14534	362735	5.44%	0.116%
443	13.195	13.187	13.199	HH	14118	101174	1.52%	0.032%
444	13.221	13.199	13.237	HH	14868	327993	4.91%	0.105%
445	13.256	13.237	13.273	HH	14934	310956	4.66%	0.099%
446	13.282	13.273	13.314	HH	14382	351686	5.27%	0.112%
447	13.337	13.314	13.382	HH	15248	589330	8.83%	0.188%
448	13.400	13.382	13.429	HH	14491	397666	5.96%	0.127%
449	13.435	13.429	13.452	HH	14050	192473	2.88%	0.061%
450	13.474	13.452	13.493	HH	14138	344532	5.16%	0.110%
451	13.513	13.493	13.519	HH	14168	218629	3.28%	0.070%
452	13.526	13.519	13.537	HH	14202	155788	2.33%	0.050%
453	13.543	13.537	13.548	HH	14141	87627	1.31%	0.028%
454	13.578	13.548	13.664	HH	15321	1013694	15.19%	0.324%
455	13.670	13.664	13.676	HH	14284	103404	1.55%	0.033%
456	13.725	13.676	13.736	HH	14947	517950	7.76%	0.165%

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457	13.747	13.736	13.765	HH	14686	261667	3.92%	0.084%
458	13.787	13.765	13.817	HH	14946	456576	6.84%	0.146%
459	13.879	13.817	13.899	HH	19156	776560	11.64%	0.248%
460	13.922	13.899	13.989	HH	39870	1087014	16.29%	0.347%
461	13.995	13.989	14.037	HH	15317	434562	6.51%	0.139%
462	14.063	14.037	14.073	HH	15067	326559	4.89%	0.104%
463	14.076	14.073	14.079	HH	15036	55275	0.83%	0.018%
464	14.096	14.079	14.106	HH	15199	241487	3.62%	0.077%
465	14.153	14.106	14.174	HH	15423	630047	9.44%	0.201%
466	14.187	14.174	14.195	HH	15356	189150	2.83%	0.060%
467	14.217	14.195	14.226	HH	15488	281410	4.22%	0.090%
468	14.257	14.226	14.266	HH	15581	377867	5.66%	0.121%
469	14.289	14.266	14.313	HH	15779	438656	6.57%	0.140%
470	14.346	14.313	14.355	HH	15979	394328	5.91%	0.126%
471	14.362	14.355	14.372	HH	15858	160741	2.41%	0.051%
472	14.428	14.372	14.467	HH	18205	965848	14.47%	0.309%
473	14.484	14.467	14.508	HH	19100	430144	6.45%	0.137%
474	14.529	14.508	14.547	HH	20098	437832	6.56%	0.140%
475	14.567	14.547	14.625	HH	19441	839023	12.57%	0.268%
476	14.640	14.625	14.662	HH	16946	374839	5.62%	0.120%
477	14.670	14.662	14.672	HH	16488	94492	1.42%	0.030%
478	14.682	14.672	14.713	HH	16601	408645	6.12%	0.131%
479	14.738	14.713	14.787	HH	18980	775483	11.62%	0.248%
480	14.824	14.787	14.855	HH	257034	3425917	51.33%	1.094%
481	14.864	14.855	14.900	HH	18218	476459	7.14%	0.152%
482	14.916	14.900	14.937	HH	17093	373746	5.60%	0.119%
483	14.987	14.937	15.006	HH	19389	741649	11.11%	0.237%
484	15.025	15.006	15.053	HH	23601	562490	8.43%	0.180%
485	15.076	15.053	15.132	HH	29941	970041	14.53%	0.310%
486	15.135	15.132	15.141	HH	17666	89751	1.34%	0.029%
487	15.146	15.141	15.167	HH	17619	280335	4.20%	0.090%
488	15.172	15.167	15.195	HH	17595	296948	4.45%	0.095%
489	15.224	15.195	15.249	HH	17678	559312	8.38%	0.179%
490	15.265	15.249	15.277	HH	17597	300831	4.51%	0.096%
491	15.280	15.277	15.292	HH	17527	154867	2.32%	0.049%
492	15.336	15.292	15.353	HH	17772	645967	9.68%	0.206%
493	15.367	15.353	15.393	HH	17921	426129	6.38%	0.136%
494	15.471	15.393	15.484	HH	37040	1511632	22.65%	0.483%
495	15.490	15.484	15.609	HH	36305	2229477	33.41%	0.712%
496	15.629	15.609	15.754	HH	50447	2117785	31.73%	0.676%
497	15.763	15.754	15.777	HH	19163	263634	3.95%	0.084%
498	15.782	15.777	15.799	HH	19140	247691	3.71%	0.079%
499	15.834	15.799	15.860	HH	19488	706870	10.59%	0.226%
500	15.866	15.860	15.870	HH	19126	106475	1.60%	0.034%
501	15.886	15.870	15.909	HH	19205	455995	6.83%	0.146%
502	15.964	15.909	15.986	HH	21803	913873	13.69%	0.292%
503	16.008	15.986	16.022	HH	20002	418095	6.26%	0.134%
504	16.045	16.022	16.097	HH	23744	937910	14.05%	0.300%
505	16.114	16.097	16.157	HH	21852	753754	11.29%	0.241%
506	16.179	16.157	16.214	HH	20455	679503	10.18%	0.217%
507	16.219	16.214	16.228	HH	19843	162309	2.43%	0.052%
508	16.232	16.228	16.237	HH	19763	109188	1.64%	0.035%
509	16.255	16.237	16.264	HH	19903	315027	4.72%	0.101%

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510	16.270	16.264	16.283	HH	19859	236599	3.55%	0.076%	
511	16.306	16.283	16.311	HH	19901	331900	4.97%	0.106%	
512	16.332	16.311	16.342	HH	20100	368318	5.52%	0.118%	
513	16.401	16.342	16.421	HH	20588	955950	14.32%	0.305%	
514	16.442	16.421	16.454	HH	20420	402060	6.02%	0.128%	
515	16.526	16.454	16.561	HH	25083	1425998	21.37%	0.456%	
516	16.565	16.561	16.572	HH	22448	153459	2.30%	0.049%	
517	16.577	16.572	16.582	HH	22286	133193	2.00%	0.043%	
518	16.615	16.582	16.639	HH	26098	795765	11.92%	0.254%	
519	16.645	16.639	16.655	HH	22068	210967	3.16%	0.067%	
520	16.662	16.655	16.667	HH	21957	165585	2.48%	0.053%	
521	16.687	16.667	16.711	HH	23407	598615	8.97%	0.191%	
522	16.716	16.711	16.749	HH	22118	489329	7.33%	0.156%	
523	16.768	16.749	16.777	HH	21988	366718	5.49%	0.117%	
524	16.786	16.777	16.812	HH	22150	468941	7.03%	0.150%	
525	16.827	16.812	16.852	HH	22091	528097	7.91%	0.169%	
526	16.899	16.852	16.921	HH	22745	920105	13.79%	0.294%	
527	16.934	16.921	16.939	HH	22429	237212	3.55%	0.076%	
528	16.960	16.939	16.971	HH	23567	438212	6.57%	0.140%	
529	16.992	16.971	17.026	HH	58557	1147416	17.19%	0.367%	
530	17.042	17.026	17.061	HH	26891	532037	7.97%	0.170%	
531	17.077	17.061	17.105	HH	25380	628334	9.41%	0.201%	
532	17.133	17.105	17.156	HH	23340	717059	10.74%	0.229%	
533	17.171	17.156	17.190	HH	23756	471249	7.06%	0.151%	
534	17.194	17.190	17.203	HH	23334	189310	2.84%	0.060%	
535	17.212	17.203	17.219	HH	23240	216440	3.24%	0.069%	
536	17.230	17.219	17.240	HH	23356	298778	4.48%	0.095%	
537	17.259	17.240	17.280	HH	23705	554576	8.31%	0.177%	
538	17.313	17.280	17.320	HH	23726	574898	8.61%	0.184%	
539	17.328	17.320	17.331	HH	23835	160896	2.41%	0.051%	
540	17.359	17.331	17.373	HH	24593	606426	9.09%	0.194%	
541	17.385	17.373	17.394	HH	24364	294741	4.42%	0.094%	
542	17.412	17.394	17.418	HH	24766	363789	5.45%	0.116%	
543	17.442	17.418	17.469	HH	34339	854684	12.81%	0.273%	
544	17.474	17.469	17.487	HH	25276	283537	4.25%	0.091%	
545	17.491	17.487	17.495	HH	25221	119860	1.80%	0.038%	
546	17.534	17.495	17.563	HH	27588	1054509	15.80%	0.337%	
547	17.577	17.563	17.613	HH	25709	764507	11.45%	0.244%	
548	17.619	17.613	17.625	HH	25273	172237	2.58%	0.055%	
549	17.667	17.625	17.696	HH	26697	1101551	16.50%	0.352%	
550	17.731	17.696	17.741	HH	26368	700586	10.50%	0.224%	
551	17.745	17.741	17.752	HH	26236	173794	2.60%	0.056%	
552	17.759	17.752	17.771	HH	26134	295828	4.43%	0.094%	
553	17.796	17.771	17.814	HH	27379	698768	10.47%	0.223%	
554	17.847	17.814	17.852	HH	28400	636455	9.54%	0.203%	
555	17.880	17.852	17.916	HH	56329	1367685	20.49%	0.437%	
556	17.932	17.916	17.942	HH	27831	447674	6.71%	0.143%	
557	17.973	17.942	18.022	HH	43145	1538645	23.05%	0.491%	
558	18.047	18.022	18.072	HH	41633	1012349	15.17%	0.323%	
559	18.083	18.072	18.092	HH	30659	365347	5.47%	0.117%	
560	18.107	18.092	18.120	HH	32183	521085	7.81%	0.166%	
561	18.137	18.120	18.178	HH	33359	1077684	16.15%	0.344%	

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562	18.228	18.178	18.266	HH	42381	1759905	26.37%	0.562%
563	18.304	18.266	18.344	HH	41617	1675310	25.10%	0.535%
564	18.353	18.344	18.362	HH	33764	364911	5.47%	0.117%
565	18.383	18.362	18.391	HH	35000	601344	9.01%	0.192%
566	18.398	18.391	18.466	HH	34883	1508123	22.60%	0.482%
567	18.471	18.466	18.487	HH	32333	400537	6.00%	0.128%
568	18.507	18.487	18.533	HH	33145	906607	13.58%	0.290%
569	18.557	18.533	18.576	HH	32811	838339	12.56%	0.268%
570	18.615	18.576	18.646	HH	34007	1377153	20.63%	0.440%
571	18.708	18.646	18.768	HH	53228	2714107	40.67%	0.867%
572	18.816	18.768	18.874	HH	45285	2336749	35.01%	0.746%
573	18.894	18.874	18.904	HH	35925	646598	9.69%	0.207%
574	18.913	18.904	18.934	HH	35639	632417	9.48%	0.202%
575	18.949	18.934	18.956	HH	35500	464399	6.96%	0.148%
576	18.966	18.956	18.979	HH	35573	490079	7.34%	0.157%
577	18.986	18.979	18.993	HH	35445	289804	4.34%	0.093%
578	19.032	18.993	19.050	HH	36415	1232870	18.47%	0.394%
579	19.108	19.050	19.121	HH	42455	1628962	24.41%	0.520%
580	19.140	19.121	19.171	HH	40961	1217908	18.25%	0.389%
581	19.190	19.171	19.200	HH	39463	662568	9.93%	0.212%
582	19.216	19.200	19.224	HH	40052	579284	8.68%	0.185%
583	19.231	19.224	19.248	HH	39869	566962	8.50%	0.181%
584	19.269	19.248	19.281	HH	41861	804717	12.06%	0.257%
585	19.295	19.281	19.310	HH	42284	719450	10.78%	0.230%
586	19.320	19.310	19.346	HH	41271	873759	13.09%	0.279%
587	19.367	19.346	19.392	HH	39761	1082142	16.21%	0.346%
588	19.398	19.392	19.404	HH	39345	305168	4.57%	0.097%
589	19.409	19.404	19.416	HH	39294	260606	3.90%	0.083%
590	19.445	19.416	19.470	HH	41055	1302566	19.52%	0.416%
591	19.492	19.470	19.519	HH	47856	1266317	18.97%	0.405%
592	19.537	19.519	19.561	HH	40653	1027660	15.40%	0.328%
593	19.600	19.561	19.629	HH	52427	1838595	27.55%	0.587%
594	19.643	19.629	19.671	HH	43552	1066244	15.98%	0.341%
595	19.699	19.671	19.704	HH	43865	858677	12.87%	0.274%
596	19.714	19.704	19.757	HH	44149	1400835	20.99%	0.447%
597	19.781	19.757	19.802	HH	44922	1185492	17.76%	0.379%
598	19.868	19.802	19.877	HH	49106	2023052	30.31%	0.646%
599	19.889	19.877	19.935	HH	50790	1653557	24.78%	0.528%
600	19.988	19.935	19.999	HH	45912	1730025	25.92%	0.553%
601	20.019	19.999	20.024	HH	46199	699926	10.49%	0.224%
602	20.046	20.024	20.067	HH	46540	1195964	17.92%	0.382%
603	20.129	20.067	20.156	HH	50324	2560265	38.36%	0.818%
604	20.232	20.156	20.257	HH	56125	3088234	46.27%	0.986%
605	20.274	20.257	20.304	HH	51728	1440426	21.58%	0.460%
606	20.352	20.304	20.357	HH	51778	1625620	24.36%	0.519%
607	20.361	20.357	20.380	HH	51734	718336	10.76%	0.229%
608	20.410	20.380	20.452	HH	57681	2317646	34.73%	0.740%
609	20.459	20.452	20.475	HH	52349	728567	10.92%	0.233%
610	20.498	20.475	20.505	HH	52318	934708	14.01%	0.299%
611	20.512	20.505	20.517	HH	52280	358016	5.36%	0.114%
612	20.542	20.517	20.549	HH	52513	1019098	15.27%	0.326%
613	20.594	20.549	20.630	HH	57373	2625731	39.34%	0.839%
614	20.640	20.630	20.657	HH	53051	838220	12.56%	0.268%

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615	20.676	20.657	20.682	HH	53116	811772	12.16%	0.259%
616	20.704	20.682	20.712	HH	53290	942878	14.13%	0.301%
617	20.720	20.712	20.727	HH	53216	490069	7.34%	0.157%
618	20.756	20.727	20.817	HH	54501	2903757	43.51%	0.928%
619	20.829	20.817	20.849	HH	53495	1013726	15.19%	0.324%
620	20.855	20.849	20.861	HH	53270	371674	5.57%	0.119%
621	20.864	20.861	20.869	HH	53245	276534	4.14%	0.088%
622	20.881	20.869	20.900	HH	53395	992869	14.88%	0.317%
623	20.906	20.900	20.912	HH	53250	381066	5.71%	0.122%
624	20.919	20.912	20.935	HH	53222	714573	10.71%	0.228%
625	20.944	20.935	20.951	HH	53248	511171	7.66%	0.163%
626	20.990	20.951	21.037	HH	57150	2814428	42.17%	0.899%
627	21.047	21.037	21.064	HH	52959	850851	12.75%	0.272%
628	21.068	21.064	21.079	HH	52739	466350	6.99%	0.149%
629	21.104	21.079	21.116	HH	52824	1159621	17.38%	0.370%
630	21.152	21.116	21.170	HH	53249	1716958	25.73%	0.548%
631	21.182	21.170	21.197	HH	53085	880816	13.20%	0.281%
632	21.199	21.197	21.202	HH	52984	158592	2.38%	0.051%
633	21.209	21.202	21.247	HH	52990	1427671	21.39%	0.456%
634	21.260	21.247	21.270	HH	52831	732480	10.98%	0.234%
635	21.277	21.270	21.282	HH	52795	352233	5.28%	0.113%
636	21.317	21.282	21.352	HH	54046	2259541	33.86%	0.722%
637	21.360	21.352	21.366	HH	52596	434872	6.52%	0.139%
638	21.369	21.366	21.377	HH	52532	352583	5.28%	0.113%
639	21.382	21.377	21.388	HH	52522	342701	5.13%	0.109%
640	21.398	21.388	21.402	HH	52451	437404	6.55%	0.140%
641	21.434	21.402	21.464	HH	56186	2016979	30.22%	0.644%
642	21.469	21.464	21.474	HH	53008	308892	4.63%	0.099%
643	21.480	21.474	21.491	HH	53054	540209	8.09%	0.173%
644	21.499	21.491	21.511	HH	52997	624285	9.35%	0.199%
645	21.516	21.511	21.528	HH	53026	546857	8.19%	0.175%
646	21.538	21.528	21.547	HH	53004	620244	9.29%	0.198%
647	21.568	21.547	21.575	HH	53134	886091	13.28%	0.283%
648	21.580	21.575	21.586	HH	53154	331539	4.97%	0.106%
649	21.590	21.586	21.600	HH	53073	469443	7.03%	0.150%
650	21.609	21.600	21.629	HH	53028	896804	13.44%	0.286%
651	21.636	21.629	21.647	HH	53052	591703	8.87%	0.189%
652	21.682	21.647	21.711	HH	53403	2013706	30.17%	0.643%
653	21.721	21.711	21.734	HH	52975	754317	11.30%	0.241%
654	21.740	21.734	21.751	HH	52784	532060	7.97%	0.170%
655	21.755	21.751	21.763	HH	52642	362618	5.43%	0.116%
656	21.767	21.763	21.786	HH	52575	742465	11.12%	0.237%
657	21.798	21.786	21.803	HH	52382	539161	8.08%	0.172%
658	21.810	21.803	21.842	HH	52355	1221268	18.30%	0.390%
659	21.846	21.842	21.852	HH	52156	308481	4.62%	0.099%
660	21.859	21.852	21.865	HH	52054	398621	5.97%	0.127%
661	21.871	21.865	21.876	HH	52124	328825	4.93%	0.105%
662	21.882	21.876	21.889	HH	52100	417633	6.26%	0.133%
663	21.935	21.889	22.061	HH	57834	5529334	82.85%	1.766%
664	22.068	22.061	22.074	HH	52544	419671	6.29%	0.134%
665	22.088	22.074	22.105	HH	52681	987708	14.80%	0.316%
666	22.131	22.105	22.137	HH	52725	1009843	15.13%	0.323%

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667	22.141	22.137	22.154	HH	52732	519392	7.78%	0.166%
668	22.160	22.154	22.182	HH	52701	900663	13.50%	0.288%
669	22.204	22.182	22.209	HH	52501	827480	12.40%	0.264%
670	22.214	22.209	22.224	HH	52519	483234	7.24%	0.154%
671	22.228	22.224	22.234	HH	52390	308964	4.63%	0.099%
672	22.240	22.234	22.248	HH	52349	447282	6.70%	0.143%
673	22.253	22.248	22.270	HH	52269	694991	10.41%	0.222%
674	22.277	22.270	22.287	HH	52370	530760	7.95%	0.170%
675	22.292	22.287	22.296	HH	52207	280533	4.20%	0.090%
676	22.299	22.296	22.303	HH	52208	201235	3.02%	0.064%
677	22.306	22.303	22.309	HH	52192	211775	3.17%	0.068%
678	22.322	22.309	22.336	HH	52320	823875	12.34%	0.263%
679	22.375	22.336	22.399	HH	52484	1989996	29.82%	0.636%
680	22.406	22.399	22.417	HH	52643	568034	8.51%	0.181%
681	22.430	22.417	22.446	HH	52470	921489	13.81%	0.294%
682	22.456	22.446	22.462	HH	52475	502621	7.53%	0.161%
683	22.507	22.462	22.552	HH	54529	2873508	43.05%	0.918%
684	22.558	22.552	22.569	HH	52229	521664	7.82%	0.167%
685	22.574	22.569	22.577	HH	52079	263475	3.95%	0.084%
686	22.581	22.577	22.590	HH	52095	382233	5.73%	0.122%
687	22.595	22.590	22.604	HH	52104	440264	6.60%	0.141%
688	22.609	22.604	22.626	HH	52259	684626	10.26%	0.219%
689	22.636	22.626	22.641	HH	52025	470112	7.04%	0.150%
690	22.646	22.641	22.670	HH	52041	930731	13.95%	0.297%
691	22.677	22.670	22.682	HH	52018	346436	5.19%	0.111%
692	22.757	22.682	22.796	HH	53018	3597503	53.90%	1.149%
693	22.803	22.796	22.814	HH	52202	571705	8.57%	0.183%
694	22.821	22.814	22.837	HH	52312	720481	10.80%	0.230%
695	22.844	22.837	22.894	HH	52325	1783484	26.72%	0.570%
696	22.901	22.894	22.905	HH	51883	335698	5.03%	0.107%
697	22.912	22.905	22.919	HH	51999	428004	6.41%	0.137%
698	22.939	22.919	22.960	HH	52172	1267873	19.00%	0.405%
699	22.966	22.960	22.973	HH	52154	424214	6.36%	0.136%
700	22.991	22.973	23.007	HH	52201	1066932	15.99%	0.341%
701	23.015	23.007	23.032	HH	52077	780011	11.69%	0.249%
702	23.037	23.032	23.042	HH	52042	314765	4.72%	0.101%
703	23.047	23.042	23.075	HH	51989	1028238	15.41%	0.328%
704	23.088	23.075	23.093	HH	52043	551241	8.26%	0.176%
705	23.097	23.093	23.112	HH	51963	584130	8.75%	0.187%
706	23.168	23.112	23.222	HH	53821	3494661	52.36%	1.116%
707	23.229	23.222	23.243	HH	52163	642041	9.62%	0.205%
708	23.247	23.243	23.252	HH	52072	295425	4.43%	0.094%
709	23.261	23.252	23.314	HH	52166	1922423	28.80%	0.614%
710	23.322	23.314	23.330	HH	51957	488999	7.33%	0.156%
711	23.334	23.330	23.344	HH	51959	438099	6.56%	0.140%
712	23.350	23.344	23.361	HH	52048	526826	7.89%	0.168%
713	23.378	23.361	23.390	HH	51971	916501	13.73%	0.293%
714	23.397	23.390	23.419	HH	52016	899666	13.48%	0.287%
715	23.422	23.419	23.427	HH	51827	265408	3.98%	0.085%
716	23.432	23.427	23.447	HH	51866	614391	9.21%	0.196%
717	23.451	23.447	23.460	HH	51781	383269	5.74%	0.122%
718	23.470	23.460	23.495	HH	51844	1085417	16.26%	0.347%
719	23.501	23.495	23.509	HH	51674	443927	6.65%	0.142%

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720	23.512	23.509	23.522	HH	51618	391307	5.86%	0.125%
721	23.529	23.522	23.539	HH	51815	529491	7.93%	0.169%
722	23.550	23.539	23.567	HH	51703	882964	13.23%	0.282%
723	23.576	23.567	23.595	HH	51521	864787	12.96%	0.276%
724	23.620	23.595	23.624	HH	51547	903310	13.53%	0.289%
725	23.627	23.624	23.633	HH	51530	272621	4.08%	0.087%
726	23.653	23.633	23.658	HH	51777	772669	11.58%	0.247%
727	23.695	23.658	23.707	HH	52482	1535687	23.01%	0.491%
728	23.710	23.707	23.761	HH	52426	1685033	25.25%	0.538%
729	23.768	23.761	23.777	HH	51732	505208	7.57%	0.161%
730	23.783	23.777	23.802	HH	51705	766898	11.49%	0.245%
731	23.817	23.802	23.824	HH	51675	676848	10.14%	0.216%
732	23.829	23.824	23.833	HH	51647	280655	4.21%	0.090%
733	23.846	23.833	23.851	HH	51699	552153	8.27%	0.176%
734	23.861	23.851	23.875	HH	51711	739106	11.07%	0.236%
735	23.884	23.875	23.891	HH	51937	489469	7.33%	0.156%
736	23.896	23.891	23.899	HH	51872	248957	3.73%	0.080%
737	23.939	23.899	24.021	HH	52849	3816646	57.19%	1.219%
738	24.035	24.021	24.042	HH	51588	651267	9.76%	0.208%
739	24.054	24.042	24.061	HH	51649	599192	8.98%	0.191%
740	24.065	24.061	24.070	HH	51551	258037	3.87%	0.082%
741	24.075	24.070	24.082	HH	51550	392242	5.88%	0.125%
742	24.085	24.082	24.099	HH	51476	524395	7.86%	0.168%
743	24.112	24.099	24.121	HH	51519	662219	9.92%	0.212%
744	24.206	24.121	24.215	HH	52183	2939358	44.04%	0.939%
745	24.222	24.215	24.241	HH	52082	802178	12.02%	0.256%
746	24.245	24.241	24.249	HH	51965	250393	3.75%	0.080%
747	24.255	24.249	24.261	HH	51955	368302	5.52%	0.118%
748	24.265	24.261	24.276	HH	51928	472098	7.07%	0.151%
749	24.284	24.276	24.294	HH	51872	555944	8.33%	0.178%
750	24.298	24.294	24.310	HH	51769	502001	7.52%	0.160%
751	24.315	24.310	24.324	HH	51778	425229	6.37%	0.136%
752	24.339	24.324	24.348	HH	51806	764822	11.46%	0.244%
753	24.362	24.348	24.387	HH	51915	1195260	17.91%	0.382%
754	24.391	24.387	24.409	HH	51843	683745	10.24%	0.218%
755	24.412	24.409	24.468	HH	51722	1829140	27.41%	0.584%
756	24.474	24.468	24.478	HH	51471	304422	4.56%	0.097%
757	24.488	24.478	24.515	HH	51598	1139569	17.07%	0.364%
758	24.526	24.515	24.541	HH	51414	818052	12.26%	0.261%
759	24.555	24.541	24.592	HH	51383	1563238	23.42%	0.499%
760	24.594	24.592	24.599	HH	51293	204986	3.07%	0.065%
761	24.619	24.599	24.625	HH	51457	791312	11.86%	0.253%
762	24.630	24.625	24.641	HH	51344	491850	7.37%	0.157%
763	24.654	24.641	24.669	HH	51400	878332	13.16%	0.281%
764	24.679	24.669	24.689	HH	51373	609582	9.13%	0.195%
765	24.698	24.689	24.704	HH	51400	472875	7.09%	0.151%
766	24.708	24.704	24.731	HH	51371	833156	12.48%	0.266%
767	24.827	24.731	24.939	HH	58385	6674043	100.00%	2.132%
768	24.943	24.939	24.958	HH	51462	577742	8.66%	0.185%
769	24.968	24.958	24.984	HH	51369	796344	11.93%	0.254%
770	24.990	24.984	25.000	HH	51386	512597	7.68%	0.164%
771	25.007	25.000	25.016	HH	51289	472308	7.08%	0.151%

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772	25.021	25.016	25.030	HH	51202	433182	6.49%	0.138%
773	25.034	25.030	25.050	HH	51146	627593	9.40%	0.200%
774	25.059	25.050	25.074	HH	51054	726369	10.88%	0.232%
775	25.099	25.074	25.120	HH	51179	1420374	21.28%	0.454%
776	25.125	25.120	25.141	HH	51094	637209	9.55%	0.204%
777	25.155	25.141	25.167	HH	51091	800339	11.99%	0.256%
778	25.174	25.167	25.194	HH	51026	804218	12.05%	0.257%
					Sum of corrected areas:	313052659		

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