

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE020618\
Data File : FE026150.D
Signal(s) : FID1B.CH
Acq On : 06 Feb 2018 17:14
Sample : J1437-02MSD
Misc :
ALS Vial : 10 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	2.431	2.401	2.552	BH	334929	2518342	0.49%	0.011%
2	2.556	2.552	2.575	HH	831	10366	0.00%	0.000%
3	2.577	2.575	2.587	HH	690	4218	0.00%	0.000%
4	2.604	2.587	2.612	HH	984	12587	0.00%	0.000%
5	2.614	2.612	2.626	HH	1099	7410	0.00%	0.000%
6	2.645	2.626	2.653	HH	1639	19527	0.00%	0.000%
7	2.663	2.653	2.686	HH	6676	75551	0.01%	0.000%
8	2.698	2.686	2.734	HH	2522	45814	0.01%	0.000%
9	2.753	2.734	2.775	HH	1900	25547	0.01%	0.000%
10	2.782	2.775	2.794	HH	858	8567	0.00%	0.000%
11	2.810	2.794	2.832	HH	929	16171	0.00%	0.000%
12	2.855	2.832	2.865	HH	1259	19529	0.00%	0.000%
13	2.871	2.865	2.877	HH	1178	7765	0.00%	0.000%
14	2.883	2.877	2.894	HH	1103	9751	0.00%	0.000%
15	2.908	2.894	2.913	HH	971	9885	0.00%	0.000%
16	2.921	2.913	2.940	HH	1106	14537	0.00%	0.000%
17	2.943	2.940	2.950	HH	811	4580	0.00%	0.000%
18	2.983	2.950	3.002	HH	1340	29170	0.01%	0.000%
19	3.011	3.002	3.016	HH	1461	10010	0.00%	0.000%
20	3.032	3.016	3.053	HH	1664	29320	0.01%	0.000%
21	3.076	3.053	3.115	HH	2351	60763	0.01%	0.000%
22	3.121	3.115	3.134	HH	1225	13380	0.00%	0.000%
23	3.147	3.134	3.169	HH	1685	26498	0.01%	0.000%
24	3.189	3.169	3.212	HH	2000	41980	0.01%	0.000%
25	3.222	3.212	3.232	HH	1623	18054	0.00%	0.000%
26	3.252	3.232	3.262	HH	2252	34410	0.01%	0.000%
27	3.266	3.262	3.272	HH	2012	11193	0.00%	0.000%
28	3.281	3.272	3.335	HH	2172	64707	0.01%	0.000%
29	3.345	3.335	3.365	HH	1513	24298	0.00%	0.000%
30	3.371	3.365	3.388	HH	1469	17477	0.00%	0.000%
31	3.395	3.388	3.406	HH	1331	12741	0.00%	0.000%
32	3.442	3.406	3.450	HH	2107	43207	0.01%	0.000%
33	3.454	3.450	3.465	HH	2093	16038	0.00%	0.000%
34	3.476	3.465	3.500	HH	1644	30190	0.01%	0.000%
35	3.518	3.500	3.525	HH	1620	22173	0.00%	0.000%
36	3.532	3.525	3.550	HH	1586	21403	0.00%	0.000%

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37	3.558	3.550	3.570	HH	1626	18502	0.00%	0.000%
38	3.582	3.570	3.587	HH	1710	15561	0.00%	0.000%
39	3.597	3.587	3.601	HH	1917	14616	0.00%	0.000%
40	3.606	3.601	3.617	HH	1797	15583	0.00%	0.000%
41	3.621	3.617	3.643	HH	1717	24406	0.00%	0.000%
42	3.671	3.643	3.687	HH	2823	60138	0.01%	0.000%
43	3.700	3.687	3.711	HH	2666	36297	0.01%	0.000%
44	3.728	3.711	3.758	HH	2661	67577	0.01%	0.000%
45	3.766	3.758	3.773	HH	2330	20844	0.00%	0.000%
46	3.784	3.773	3.796	HH	2322	30600	0.01%	0.000%
47	3.807	3.796	3.822	HH	2486	36687	0.01%	0.000%
48	3.839	3.822	3.864	HH	3733	75547	0.01%	0.000%
49	3.875	3.864	3.907	HH	2906	63823	0.01%	0.000%
50	3.920	3.907	3.938	HH	3124	50062	0.01%	0.000%
51	3.947	3.938	3.958	HH	2742	31490	0.01%	0.000%
52	3.974	3.958	3.999	HH	2967	65308	0.01%	0.000%
53	4.017	3.999	4.024	HH	2911	40048	0.01%	0.000%
54	4.032	4.024	4.051	HH	2878	44060	0.01%	0.000%
55	4.057	4.051	4.074	HH	2666	34868	0.01%	0.000%
56	4.089	4.074	4.092	HH	2631	27115	0.01%	0.000%
57	4.102	4.092	4.112	HH	2732	30084	0.01%	0.000%
58	4.151	4.112	4.278	HH	18642	832071	0.16%	0.004%
59	4.283	4.278	4.329	HH	5201	147964	0.03%	0.001%
60	4.344	4.329	4.349	HH	4604	50433	0.01%	0.000%
61	4.355	4.349	4.375	HH	4653	70140	0.01%	0.000%
62	4.379	4.375	4.403	HH	4151	65736	0.01%	0.000%
63	4.407	4.403	4.430	HH	3948	59842	0.01%	0.000%
64	4.452	4.430	4.475	HH	3924	97410	0.02%	0.000%
65	4.498	4.475	4.553	HH	552144	4762940	0.94%	0.022%
66	4.565	4.553	4.579	HH	5283	79911	0.02%	0.000%
67	4.586	4.579	4.609	HH	4883	80181	0.02%	0.000%
68	4.612	4.609	4.622	HH	4213	32724	0.01%	0.000%
69	4.635	4.622	4.659	HH	4565	93167	0.02%	0.000%
70	4.673	4.659	4.688	HH	4557	74688	0.01%	0.000%
71	4.694	4.688	4.707	HH	4321	46443	0.01%	0.000%
72	4.711	4.707	4.735	HH	4122	67495	0.01%	0.000%
73	4.749	4.735	4.766	HH	5108	78418	0.02%	0.000%
74	4.780	4.766	4.792	HH	4787	69033	0.01%	0.000%
75	4.806	4.792	4.819	HH	4416	68599	0.01%	0.000%
76	4.828	4.819	4.851	HH	4264	76083	0.01%	0.000%
77	4.869	4.851	4.884	HH	4525	81850	0.02%	0.000%
78	4.905	4.884	4.925	HH	4932	108544	0.02%	0.000%
79	4.971	4.925	4.998	HH	5376	194703	0.04%	0.001%
80	5.039	4.998	5.067	HH	4755	180775	0.04%	0.001%
81	5.078	5.067	5.082	HH	4219	36491	0.01%	0.000%
82	5.103	5.082	5.136	HH	5516	156461	0.03%	0.001%
83	5.141	5.136	5.153	HH	4795	48139	0.01%	0.000%
84	5.179	5.153	5.199	HH	5180	129810	0.03%	0.001%
85	5.213	5.199	5.224	HH	4907	70032	0.01%	0.000%
86	5.240	5.224	5.269	HH	5460	135872	0.03%	0.001%
87	5.297	5.269	5.315	HH	5174	133816	0.03%	0.001%
88	5.335	5.315	5.349	HH	5682	105891	0.02%	0.000%
89	5.354	5.349	5.365	HH	4872	42707	0.01%	0.000%

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90	5.396	5.365	5.409	HH	6086	146253	0.03%	0.001%
91	5.425	5.409	5.446	HH	6588	132653	0.03%	0.001%
92	5.451	5.446	5.465	HH	5790	60557	0.01%	0.000%
93	5.478	5.465	5.517	HH	5548	161621	0.03%	0.001%
94	5.534	5.517	5.546	HH	7585	108211	0.02%	0.000%
95	5.561	5.546	5.579	HH	7481	127411	0.03%	0.001%
96	5.591	5.579	5.612	HH	5962	113830	0.02%	0.001%
97	5.619	5.612	5.634	HH	5223	67399	0.01%	0.000%
98	5.660	5.634	5.674	HH	5390	121801	0.02%	0.001%
99	5.684	5.674	5.697	HH	5275	70297	0.01%	0.000%
100	5.717	5.697	5.733	HH	7532	135689	0.03%	0.001%
101	5.750	5.733	5.754	HH	6628	80046	0.02%	0.000%
102	5.765	5.754	5.771	HH	6649	65494	0.01%	0.000%
103	5.774	5.771	5.784	HH	6543	50955	0.01%	0.000%
104	5.794	5.784	5.800	HH	6331	56485	0.01%	0.000%
105	5.830	5.800	5.866	HH	8130	282187	0.06%	0.001%
106	5.886	5.866	5.906	HH	8224	174771	0.03%	0.001%
107	5.927	5.906	5.964	HH	7224	224039	0.04%	0.001%
108	5.986	5.964	6.007	HH	7015	166327	0.03%	0.001%
109	6.029	6.007	6.052	HH	7306	189466	0.04%	0.001%
110	6.058	6.052	6.068	HH	7016	67114	0.01%	0.000%
111	6.083	6.068	6.107	HH	7512	165362	0.03%	0.001%
112	6.129	6.107	6.162	HH	9239	256012	0.05%	0.001%
113	6.185	6.162	6.204	HH	7539	188044	0.04%	0.001%
114	6.224	6.204	6.255	HH	12413	285698	0.06%	0.001%
115	6.271	6.255	6.293	HH	9585	201289	0.04%	0.001%
116	6.313	6.293	6.336	HH	11033	240589	0.05%	0.001%
117	6.350	6.336	6.372	HH	10045	196640	0.04%	0.001%
118	6.390	6.372	6.404	HH	9667	171189	0.03%	0.001%
119	6.421	6.404	6.430	HH	9579	143577	0.03%	0.001%
120	6.442	6.430	6.455	HH	9847	143113	0.03%	0.001%
121	6.470	6.455	6.482	HH	10577	156419	0.03%	0.001%
122	6.513	6.482	6.538	HH	572287	5229734	1.03%	0.024%
123	6.542	6.538	6.565	HH	16503	249410	0.05%	0.001%
124	6.577	6.565	6.590	HH	14080	202040	0.04%	0.001%
125	6.608	6.590	6.630	HH	17671	375270	0.07%	0.002%
126	6.660	6.630	6.677	HH	16909	440476	0.09%	0.002%
127	6.699	6.677	6.715	HH	19978	397077	0.08%	0.002%
128	6.728	6.715	6.752	HH	14742	314388	0.06%	0.001%
129	6.782	6.752	6.801	HH	18537	471710	0.09%	0.002%
130	6.814	6.801	6.826	HH	18180	249673	0.05%	0.001%
131	6.859	6.826	6.882	HH	18768	565740	0.11%	0.003%
132	6.914	6.882	6.943	HH	20894	681463	0.13%	0.003%
133	6.962	6.943	6.976	HH	24034	419774	0.08%	0.002%
134	6.983	6.976	6.993	HH	20569	206537	0.04%	0.001%
135	7.027	6.993	7.054	HH	34461	1037373	0.20%	0.005%
136	7.079	7.054	7.091	HH	31396	632357	0.12%	0.003%
137	7.113	7.091	7.126	HH	33105	646744	0.13%	0.003%
138	7.136	7.126	7.142	HH	32210	300197	0.06%	0.001%
139	7.168	7.142	7.179	HH	37814	782197	0.15%	0.004%
140	7.185	7.179	7.198	HH	34910	405847	0.08%	0.002%
141	7.227	7.198	7.252	HH	49379	1305442	0.26%	0.006%

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142	7.264	7.252	7.278	HH	42698	625117	0.12%	0.003%
143	7.313	7.278	7.342	HH	53108	1758364	0.35%	0.008%
144	7.361	7.342	7.369	HH	49179	780656	0.15%	0.004%
145	7.387	7.369	7.409	HH	60690	1327822	0.26%	0.006%
146	7.451	7.409	7.466	HH	66362	2111399	0.41%	0.010%
147	7.487	7.466	7.499	HH	67910	1296139	0.25%	0.006%
148	7.525	7.499	7.536	HH	73025	1516263	0.30%	0.007%
149	7.561	7.536	7.574	HH	81000	1745073	0.34%	0.008%
150	7.625	7.574	7.643	HH	99395	3726272	0.73%	0.017%
151	7.663	7.643	7.672	HH	101979	1710462	0.34%	0.008%
152	7.693	7.672	7.697	HH	104188	1538407	0.30%	0.007%
153	7.729	7.697	7.746	HH	122516	3407454	0.67%	0.015%
154	7.818	7.746	7.823	HH	145593	6097562	1.20%	0.028%
155	7.868	7.823	7.877	HH	173415	5068657	1.00%	0.023%
156	7.886	7.877	7.890	HH	175507	1348744	0.26%	0.006%
157	7.917	7.890	7.921	HH	194581	3433660	0.67%	0.016%
158	8.263	7.921	8.268	HH	412358	60414907	11.86%	0.273%
159	8.446	8.268	8.450	HH	659622	59498457	11.68%	0.269%
160	8.491	8.450	8.497	HH	713811	19436364	3.82%	0.088%
161	8.620	8.497	8.626	HH	856094	60771783	11.93%	0.274%
162	8.711	8.626	8.717	HH	971856	49603178	9.74%	0.224%
163	9.057	8.717	9.061	HH	1862310	283743094	55.72%	1.281%
164	9.097	9.061	9.101	HH	1950177	46023106	9.04%	0.208%
165	9.141	9.101	9.145	HH	2048070	52866654	10.38%	0.239%
166	9.179	9.145	9.188	HH	2139179	53363218	10.48%	0.241%
167	9.206	9.188	9.210	HH	2203830	28476652	5.59%	0.129%
168	9.217	9.210	9.225	HH	2222934	20758816	4.08%	0.094%
169	9.239	9.225	9.244	HH	2276360	24784793	4.87%	0.112%
170	9.408	9.244	9.416	HH	2811275	259739779	51.00%	1.173%
171	9.468	9.416	9.473	HH	3007144	98745168	19.39%	0.446%
172	9.499	9.473	9.504	HH	3146537	58833591	11.55%	0.266%
173	9.603	9.504	9.608	HH	3621474	210746121	41.38%	0.952%
174	9.751	9.608	9.762	HH	4253694	363449089	71.37%	1.641%
175	9.784	9.762	9.789	HH	4407875	71846361	14.11%	0.324%
176	9.844	9.789	9.849	HH	4718901	162722226	31.95%	0.735%
177	9.876	9.849	9.890	HH	4876137	117368009	23.05%	0.530%
178	9.911	9.890	9.918	HH	5021742	84860014	16.66%	0.383%
179	10.031	9.918	10.034	HH	5542009	366833485	72.03%	1.656%
180	10.084	10.034	10.093	HH	5850440	201160435	39.50%	0.908%
181	10.110	10.093	10.116	HH	5947974	80914785	15.89%	0.365%
182	10.140	10.116	10.146	HH	6074294	107537656	21.12%	0.486%
183	10.197	10.146	10.206	HH	6268014	221287863	43.45%	0.999%
184	10.230	10.206	10.236	HH	6401830	111994527	21.99%	0.506%
185	10.271	10.236	10.282	HH	6618198	182586191	35.85%	0.824%
186	10.308	10.282	10.312	HH	6726260	117712462	23.11%	0.532%
187	10.337	10.312	10.341	HH	6906105	118801645	23.33%	0.536%
188	10.362	10.341	10.374	HH	6992044	138202013	27.14%	0.624%
189	10.416	10.374	10.425	HH	7295107	216847439	42.58%	0.979%
190	10.457	10.425	10.461	HH	7468695	156211024	30.67%	0.705%
191	10.489	10.461	10.495	HH	7655928	156419195	30.71%	0.706%
192	10.501	10.495	10.505	HH	7761144	46176854	9.07%	0.209%
193	10.536	10.505	10.543	HH	7951301	178154227	34.98%	0.804%
194	10.572	10.543	10.578	HH	8159044	168086352	33.01%	0.759%

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195	10.592	10.578	10.605	HH	8323022	132048681	25.93%	0.596%
196	10.650	10.605	10.660	HH	8557689	278399887	54.67%	1.257%
197	10.672	10.660	10.676	HH	8678011	81498939	16.00%	0.368%
198	10.681	10.676	10.684	HH	8605143	41881520	8.22%	0.189%
199	10.693	10.684	10.700	HH	8719358	83906495	16.48%	0.379%
200	10.719	10.700	10.723	HH	8767273	117772011	23.13%	0.532%
201	10.730	10.723	10.735	HH	8810920	65265959	12.82%	0.295%
202	10.766	10.735	10.774	HH	9032783	209390604	41.12%	0.946%
203	10.793	10.774	10.798	HH	9047570	125443013	24.63%	0.566%
204	10.802	10.798	10.806	HH	9063694	45669650	8.97%	0.206%
205	10.815	10.806	10.832	HH	9174213	141459386	27.78%	0.639%
206	10.850	10.832	10.869	HH	9316617	204465707	40.15%	0.923%
207	10.885	10.869	10.890	HH	9381336	115932095	22.76%	0.524%
208	10.900	10.890	10.906	HH	9442637	88424903	17.36%	0.399%
209	10.916	10.906	10.921	HH	9487773	85540085	16.80%	0.386%
210	10.937	10.921	10.943	HH	9581859	125596371	24.66%	0.567%
211	10.951	10.943	10.959	HH	9668916	95592752	18.77%	0.432%
212	10.966	10.959	10.977	HH	9626494	100471379	19.73%	0.454%
213	10.989	10.977	10.993	HH	9744094	91630838	17.99%	0.414%
214	10.999	10.993	11.006	HH	9802947	77547054	15.23%	0.350%
215	11.011	11.006	11.013	HH	9622364	41869200	8.22%	0.189%
216	11.035	11.013	11.039	HH	9858635	149587197	29.37%	0.675%
217	11.083	11.039	11.096	HH	10126460	342091704	67.17%	1.545%
218	11.118	11.096	11.130	HH	10232455	208043235	40.85%	0.939%
219	11.139	11.130	11.144	HH	10326881	81860904	16.07%	0.370%
220	11.152	11.144	11.156	HH	10275108	76645565	15.05%	0.346%
221	11.168	11.156	11.177	HH	10358803	128242597	25.18%	0.579%
222	11.181	11.177	11.193	HH	10277900	97488966	19.14%	0.440%
223	11.196	11.193	11.205	HH	10316104	75692630	14.86%	0.342%
224	11.210	11.205	11.213	HH	10348823	47665899	9.36%	0.215%
225	11.235	11.213	11.244	HH	10440912	196971887	38.68%	0.889%
226	11.249	11.244	11.253	HH	10505143	52101185	10.23%	0.235%
227	11.259	11.253	11.264	HH	10498890	73010977	14.34%	0.330%
228	11.274	11.264	11.278	HH	10569498	83340036	16.36%	0.376%
229	11.288	11.278	11.295	HH	10609473	111271411	21.85%	0.502%
230	11.304	11.295	11.309	HH	10622417	84281337	16.55%	0.381%
231	11.316	11.309	11.338	HH	10633792	184959301	36.32%	0.835%
232	11.342	11.338	11.352	HH	10629139	89473814	17.57%	0.404%
233	11.374	11.352	11.381	HH	10542053	182246242	35.79%	0.823%
234	11.389	11.381	11.398	HH	10511491	104621631	20.54%	0.472%
235	11.404	11.398	11.410	HH	10481621	79817706	15.67%	0.360%
236	11.414	11.410	11.421	HH	10588058	68276632	13.41%	0.308%
237	11.430	11.421	11.437	HH	10627664	100133847	19.66%	0.452%
238	11.440	11.437	11.449	HH	10573961	74991563	14.73%	0.339%
239	11.470	11.449	11.477	HH	10692905	179405608	35.23%	0.810%
240	11.481	11.477	11.490	HH	10682023	80917810	15.89%	0.365%
241	11.506	11.490	11.514	HH	10703829	150632967	29.58%	0.680%
242	11.521	11.514	11.525	HH	10702513	74512909	14.63%	0.336%
243	11.538	11.525	11.553	HH	10806180	175964250	34.55%	0.795%
244	11.571	11.553	11.593	HH	10899347	254703090	50.01%	1.150%
245	11.604	11.593	11.618	HH	10828298	165232237	32.45%	0.746%
246	11.625	11.618	11.630	HH	10802514	75208839	14.77%	0.340%

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247	11.634	11.630	11.656	HH	10811568	166910662	32.77%	0.754%
248	11.662	11.656	11.677	HH	10794460	135913995	26.69%	0.614%
249	11.692	11.677	11.700	HH	10867774	151232727	29.70%	0.683%
250	11.705	11.700	11.718	HH	10885820	111781400	21.95%	0.505%
251	11.734	11.718	11.765	HH	10816438	306200185	60.13%	1.383%
252	11.783	11.765	11.802	HH	10841771	232008443	45.56%	1.048%
253	11.809	11.802	11.814	HH	10634867	75558401	14.84%	0.341%
254	11.818	11.814	11.824	HH	10606073	66357128	13.03%	0.300%
255	11.829	11.824	11.837	HH	10623805	81499525	16.00%	0.368%
256	11.846	11.837	11.866	HH	10579760	182838198	35.90%	0.826%
257	11.890	11.866	11.900	HH	10496592	213357385	41.90%	0.963%
258	11.904	11.900	11.909	HH	10397459	56985316	11.19%	0.257%
259	11.914	11.909	11.923	HH	10438789	82886600	16.28%	0.374%
260	11.928	11.923	11.939	HH	10359669	102777790	20.18%	0.464%
261	11.955	11.939	11.962	HH	10436190	139474815	27.39%	0.630%
262	11.968	11.962	11.974	HH	10390918	77017162	15.12%	0.348%
263	11.982	11.974	11.986	HH	10308019	68926020	13.53%	0.311%
264	11.995	11.986	12.009	HH	10348746	143138379	28.11%	0.646%
265	12.014	12.009	12.018	HH	10287296	54412380	10.68%	0.246%
266	12.029	12.018	12.053	HH	10329988	214097659	42.04%	0.967%
267	12.061	12.053	12.069	HH	10214605	96395069	18.93%	0.435%
268	12.075	12.069	12.087	HH	10195134	110078805	21.62%	0.497%
269	12.091	12.087	12.110	HH	10172968	137221215	26.94%	0.620%
270	12.116	12.110	12.126	HH	10000838	96319544	18.91%	0.435%
271	12.131	12.126	12.137	HH	10017294	69013815	13.55%	0.312%
272	12.192	12.137	12.221	HH	10470077	509265401	100.00%	2.300%
273	12.226	12.221	12.248	HH	10031805	158558041	31.13%	0.716%
274	12.256	12.248	12.271	HH	9859219	136914540	26.88%	0.618%
275	12.276	12.271	12.280	HH	9712908	52602258	10.33%	0.238%
276	12.289	12.280	12.318	HH	9849163	218036575	42.81%	0.985%
277	12.329	12.318	12.335	HH	9557156	95829642	18.82%	0.433%
278	12.338	12.335	12.355	HH	9514310	114824999	22.55%	0.519%
279	12.363	12.355	12.368	HH	9411941	73645508	14.46%	0.333%
280	12.373	12.368	12.378	HH	9368010	54212080	10.65%	0.245%
281	12.389	12.378	12.413	HH	9410044	196719248	38.63%	0.888%
282	12.427	12.413	12.442	HH	9142509	156195874	30.67%	0.705%
283	12.447	12.442	12.463	HH	8999262	111275273	21.85%	0.502%
284	12.473	12.463	12.509	HH	9049773	244380480	47.99%	1.104%
285	12.515	12.509	12.529	HH	8714802	103686655	20.36%	0.468%
286	12.533	12.529	12.540	HH	8704480	60499806	11.88%	0.273%
287	12.548	12.540	12.563	HH	8726805	115617037	22.70%	0.522%
288	12.568	12.563	12.585	HH	8581226	113387760	22.26%	0.512%
289	12.590	12.585	12.599	HH	8359636	70547322	13.85%	0.319%
290	12.604	12.599	12.619	HH	8262686	96811884	19.01%	0.437%
291	12.648	12.619	12.653	HH	8466112	167989853	32.99%	0.759%
292	12.657	12.653	12.663	HH	8417910	53201312	10.45%	0.240%
293	12.668	12.663	12.699	HH	8428930	171287399	33.63%	0.773%
294	12.703	12.699	12.740	HH	7817595	190738184	37.45%	0.861%
295	12.749	12.740	12.762	HH	7543604	98654404	19.37%	0.445%
296	12.765	12.762	12.774	HH	7495899	54011854	10.61%	0.244%
297	12.781	12.774	12.807	HH	7473872	145629677	28.60%	0.658%
298	12.816	12.807	12.847	HH	7388059	173138029	34.00%	0.782%
299	12.851	12.847	12.857	HH	6976645	39501549	7.76%	0.178%

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300	12.863	12.857	12.872	HH	7010092	63197512	12.41%	0.285%
301	12.878	12.872	12.893	HH	6891831	85350505	16.76%	0.385%
302	12.898	12.893	12.923	HH	6785357	121439370	23.85%	0.548%
303	12.949	12.923	12.965	HH	6758692	167820235	32.95%	0.758%
304	12.970	12.965	13.019	HH	6585366	201959275	39.66%	0.912%
305	13.039	13.019	13.053	HH	6251949	125976849	24.74%	0.569%
306	13.057	13.053	13.081	HH	6135519	102063809	20.04%	0.461%
307	13.101	13.081	13.117	HH	5921582	126735777	24.89%	0.572%
308	13.121	13.117	13.130	HH	5812308	44226410	8.68%	0.200%
309	13.137	13.130	13.188	HH	5655348	191061251	37.52%	0.863%
310	13.190	13.188	13.212	HH	5393853	75875193	14.90%	0.343%
311	13.219	13.212	13.239	HH	5190731	83790366	16.45%	0.378%
312	13.245	13.239	13.252	HH	4987804	37250302	7.31%	0.168%
313	13.255	13.252	13.281	HH	4961576	84212431	16.54%	0.380%
314	13.285	13.281	13.313	HH	4684237	87533136	17.19%	0.395%
315	13.317	13.313	13.323	HH	4601747	27564794	5.41%	0.124%
316	13.332	13.323	13.341	HH	4618348	48600077	9.54%	0.219%
317	13.345	13.341	13.353	HH	4523408	32853007	6.45%	0.148%
318	13.359	13.353	13.371	HH	4529947	49367254	9.69%	0.223%
319	13.374	13.371	13.395	HH	4398722	62824825	12.34%	0.284%
320	13.403	13.395	13.429	HH	4400450	85165000	16.72%	0.385%
321	13.433	13.429	13.442	HH	4114457	32797104	6.44%	0.148%
322	13.448	13.442	13.465	HH	4047477	55622994	10.92%	0.251%
323	13.472	13.465	13.477	HH	3979522	27294105	5.36%	0.123%
324	13.482	13.477	13.498	HH	3997914	49338937	9.69%	0.223%
325	13.505	13.498	13.551	HH	3861876	118476964	23.26%	0.535%
326	13.555	13.551	13.561	HH	3572964	20940088	4.11%	0.095%
327	13.581	13.561	13.612	HH	3738631	109577082	21.52%	0.495%
328	13.620	13.612	13.655	HH	3430487	86245553	16.94%	0.389%
329	13.662	13.655	13.669	HH	3208937	25643715	5.04%	0.116%
330	13.673	13.669	13.727	HH	3199890	106448916	20.90%	0.481%
331	13.735	13.727	13.744	HH	2905883	28743142	5.64%	0.130%
332	13.756	13.744	13.786	HH	2899985	72303595	14.20%	0.326%
333	13.794	13.786	13.817	HH	2757270	49334628	9.69%	0.223%
334	13.820	13.817	13.839	HH	2579060	33111554	6.50%	0.150%
335	13.843	13.839	13.849	HH	2515938	14914736	2.93%	0.067%
336	13.859	13.849	13.887	HH	2542088	56788508	11.15%	0.256%
337	13.901	13.887	13.908	HH	2428874	29646526	5.82%	0.134%
338	13.920	13.908	13.948	HH	2505235	57713264	11.33%	0.261%
339	13.953	13.948	13.971	HH	2268759	30769358	6.04%	0.139%
340	13.990	13.971	14.014	HH	2538282	59513303	11.69%	0.269%
341	14.018	14.014	14.031	HH	2082796	20654660	4.06%	0.093%
342	14.042	14.031	14.050	HH	2072909	23627652	4.64%	0.107%
343	14.062	14.050	14.118	HH	2128726	79955221	15.70%	0.361%
344	14.132	14.118	14.171	HH	1944940	57335004	11.26%	0.259%
345	14.179	14.171	14.186	HH	1745730	15884128	3.12%	0.072%
346	14.194	14.186	14.248	HH	1737530	60501309	11.88%	0.273%
347	14.253	14.248	14.257	HH	1545764	8122142	1.59%	0.037%
348	14.261	14.257	14.309	HH	1544199	46487676	9.13%	0.210%
349	14.316	14.309	14.329	HH	1447121	17771586	3.49%	0.080%
350	14.340	14.329	14.378	HH	1406419	39581332	7.77%	0.179%
351	14.383	14.378	14.404	HH	1297987	19733719	3.87%	0.089%

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352	14.408	14.404	14.413	HH	1250127	6840582	1.34%	0.031%
353	14.418	14.413	14.432	HH	1249781	14443506	2.84%	0.065%
354	14.439	14.432	14.468	HH	1226333	25373580	4.98%	0.115%
355	14.472	14.468	14.479	HH	1140510	7597981	1.49%	0.034%
356	14.499	14.479	14.556	HH	1220430	51053495	10.02%	0.231%
357	14.566	14.556	14.598	HH	1044060	25211079	4.95%	0.114%
358	14.608	14.598	14.683	HH	986978	46965794	9.22%	0.212%
359	14.688	14.683	14.709	HH	851062	13062099	2.56%	0.059%
360	14.715	14.709	14.747	HH	828578	18134234	3.56%	0.082%
361	14.765	14.747	14.782	HH	818433	16533972	3.25%	0.075%
362	14.802	14.782	14.833	HH	997136	24949707	4.90%	0.113%
363	14.838	14.833	14.858	HH	707176	10291648	2.02%	0.046%
364	14.865	14.858	14.871	HH	663341	5236390	1.03%	0.024%
365	14.878	14.871	14.901	HH	649767	11182072	2.20%	0.050%
366	14.910	14.901	14.915	HH	614790	5263246	1.03%	0.024%
367	14.920	14.915	14.959	HH	618163	15753838	3.09%	0.071%
368	14.967	14.959	14.971	HH	576476	3878763	0.76%	0.018%
369	14.996	14.971	15.026	HH	994582	22354415	4.39%	0.101%
370	15.030	15.026	15.042	HH	511821	4846594	0.95%	0.022%
371	15.048	15.042	15.083	HH	514620	12008266	2.36%	0.054%
372	15.089	15.083	15.107	HH	472546	6749174	1.33%	0.030%
373	15.113	15.107	15.134	HH	457140	7219388	1.42%	0.033%
374	15.137	15.134	15.149	HH	445291	4091971	0.80%	0.018%
375	15.161	15.149	15.199	HH	445177	12726643	2.50%	0.057%
376	15.207	15.199	15.228	HH	407753	6669051	1.31%	0.030%
377	15.232	15.228	15.238	HH	380544	2310744	0.45%	0.010%
378	15.241	15.238	15.255	HH	380833	3841357	0.75%	0.017%
379	15.260	15.255	15.264	HH	373255	2094644	0.41%	0.009%
380	15.268	15.264	15.304	HH	364858	8230682	1.62%	0.037%
381	15.308	15.304	15.322	HH	338299	3649232	0.72%	0.016%
382	15.326	15.322	15.341	HH	339003	3936931	0.77%	0.018%
383	15.357	15.341	15.420	HH	347951	15034112	2.95%	0.068%
384	15.424	15.420	15.440	HH	286193	3377190	0.66%	0.015%
385	15.445	15.440	15.495	HH	281361	8830621	1.73%	0.040%
386	15.508	15.495	15.546	HH	277646	7671572	1.51%	0.035%
387	15.548	15.546	15.554	HH	238023	1249390	0.25%	0.006%
388	15.574	15.554	15.604	HH	239103	6694461	1.31%	0.030%
389	15.608	15.604	15.616	HH	214298	1572596	0.31%	0.007%
390	15.620	15.616	15.629	HH	209452	1608874	0.32%	0.007%
391	15.634	15.629	15.640	HH	204398	1370281	0.27%	0.006%
392	15.654	15.640	15.708	HH	205105	7972297	1.57%	0.036%
393	15.724	15.708	15.750	HH	186656	4579366	0.90%	0.021%
394	15.753	15.750	15.758	HH	176597	837782	0.16%	0.004%
395	15.762	15.758	15.787	HH	175795	2937044	0.58%	0.013%
396	15.791	15.787	15.799	HH	164495	1197940	0.24%	0.005%
397	15.804	15.799	15.814	HH	164452	1407370	0.28%	0.006%
398	15.821	15.814	15.840	HH	161591	2525805	0.50%	0.011%
399	15.846	15.840	15.891	HH	153346	4533740	0.89%	0.020%
400	15.894	15.891	15.922	HH	145928	2681963	0.53%	0.012%
401	15.927	15.922	15.938	HH	138823	1273334	0.25%	0.006%
402	15.943	15.938	15.948	HH	136666	815648	0.16%	0.004%
403	15.979	15.948	16.001	HH	557111	8837998	1.74%	0.040%
404	16.006	16.001	16.037	HH	128897	2711877	0.53%	0.012%

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405	16.041	16.037	16.057	HH	123131	1398297	0.27%	0.006%
406	16.061	16.057	16.068	HH	117801	830664	0.16%	0.004%
407	16.073	16.068	16.120	HH	117365	3515058	0.69%	0.016%
408	16.135	16.120	16.154	HH	110550	2189455	0.43%	0.010%
409	16.172	16.154	16.232	HH	109844	4820290	0.95%	0.022%
410	16.254	16.232	16.273	HH	99880	2448753	0.48%	0.011%
411	16.277	16.273	16.312	HH	96994	2170058	0.43%	0.010%
412	16.316	16.312	16.320	HH	90690	471930	0.09%	0.002%
413	16.326	16.320	16.332	HH	90905	615693	0.12%	0.003%
414	16.345	16.332	16.391	HH	95989	3309843	0.65%	0.015%
415	16.395	16.391	16.407	HH	87385	809673	0.16%	0.004%
416	16.418	16.407	16.433	HH	87938	1351397	0.27%	0.006%
417	16.447	16.433	16.471	HH	86240	1891475	0.37%	0.009%
418	16.479	16.471	16.507	HH	80040	1687754	0.33%	0.008%
419	16.536	16.507	16.550	HH	81066	2004650	0.39%	0.009%
420	16.568	16.550	16.588	HH	81084	1762668	0.35%	0.008%
421	16.599	16.588	16.633	HH	76947	1975960	0.39%	0.009%
422	16.645	16.633	16.684	HH	70797	2145166	0.42%	0.010%
423	16.689	16.684	16.701	HH	67333	665964	0.13%	0.003%
424	16.718	16.701	16.747	HH	68008	1816112	0.36%	0.008%
425	16.771	16.747	16.787	HH	65316	1543784	0.30%	0.007%
426	16.792	16.787	16.816	HH	65053	1120611	0.22%	0.005%
427	16.823	16.816	16.827	HH	62165	389391	0.08%	0.002%
428	16.830	16.827	16.846	HH	62163	708424	0.14%	0.003%
429	16.850	16.846	16.861	HH	61517	552382	0.11%	0.002%
430	16.919	16.861	16.940	HH	504419	7595755	1.49%	0.034%
431	16.961	16.940	16.979	HH	86249	1706794	0.34%	0.008%
432	16.993	16.979	17.055	HH	75133	2737878	0.54%	0.012%
433	17.067	17.055	17.081	HH	54486	854273	0.17%	0.004%
434	17.090	17.081	17.095	HH	54934	452954	0.09%	0.002%
435	17.100	17.095	17.119	HH	55048	791586	0.16%	0.004%
436	17.124	17.119	17.136	HH	54199	538206	0.11%	0.002%
437	17.141	17.136	17.156	HH	53697	649647	0.13%	0.003%
438	17.173	17.156	17.204	HH	54238	1522790	0.30%	0.007%
439	17.213	17.204	17.229	HH	51611	755286	0.15%	0.003%
440	17.241	17.229	17.254	HH	52453	767055	0.15%	0.003%
441	17.285	17.254	17.337	HH	65930	2900087	0.57%	0.013%
442	17.357	17.337	17.386	HH	65461	1657814	0.33%	0.007%
443	17.393	17.386	17.400	HH	50601	433600	0.09%	0.002%
444	17.404	17.400	17.425	HH	49870	731373	0.14%	0.003%
445	17.445	17.425	17.470	HH	53896	1370847	0.27%	0.006%
446	17.489	17.470	17.517	HH	51767	1383105	0.27%	0.006%
447	17.541	17.517	17.562	HH	47721	1286842	0.25%	0.006%
448	17.583	17.562	17.624	HH	53520	1795689	0.35%	0.008%
449	17.661	17.624	17.671	HH	47877	1313367	0.26%	0.006%
450	17.675	17.671	17.682	HH	47089	305087	0.06%	0.001%
451	17.686	17.682	17.694	HH	47165	351225	0.07%	0.002%
452	17.709	17.694	17.727	HH	47699	907899	0.18%	0.004%
453	17.758	17.727	17.764	HH	48301	1068539	0.21%	0.005%
454	17.802	17.764	17.843	HH	477598	7028534	1.38%	0.032%
455	17.857	17.843	17.868	HH	47234	703754	0.14%	0.003%
456	17.888	17.868	17.916	HH	58458	1461782	0.29%	0.007%

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457	17.923	17.916	17.935	HH	46325	502618	0.10%	0.002%
458	17.956	17.935	17.971	HH	50180	1044418	0.21%	0.005%
459	17.987	17.971	18.026	HH	47543	1524573	0.30%	0.007%
460	18.045	18.026	18.080	HH	51323	1551099	0.30%	0.007%
461	18.097	18.080	18.101	HH	45595	575083	0.11%	0.003%
462	18.159	18.101	18.177	HH	69004	2503098	0.49%	0.011%
463	18.182	18.177	18.200	HH	63014	856199	0.17%	0.004%
464	18.215	18.200	18.268	HH	68112	2211679	0.43%	0.010%
465	18.291	18.268	18.300	HH	49321	940979	0.18%	0.004%
466	18.319	18.300	18.343	HH	53671	1280633	0.25%	0.006%
467	18.351	18.343	18.363	HH	48076	587670	0.12%	0.003%
468	18.382	18.363	18.395	HH	49130	909126	0.18%	0.004%
469	18.398	18.395	18.422	HH	48637	784989	0.15%	0.004%
470	18.427	18.422	18.435	HH	47420	376390	0.07%	0.002%
471	18.446	18.435	18.451	HH	46860	442307	0.09%	0.002%
472	18.477	18.451	18.488	HH	47781	1033906	0.20%	0.005%
473	18.524	18.488	18.549	HH	49815	1765821	0.35%	0.008%
474	18.553	18.549	18.560	HH	47032	294213	0.06%	0.001%
475	18.634	18.560	18.679	HH	459251	8459564	1.66%	0.038%
476	18.729	18.679	18.761	HH	59209	2593102	0.51%	0.012%
477	18.796	18.761	18.815	HH	54415	1700220	0.33%	0.008%
478	18.831	18.815	18.872	HH	55800	1773009	0.35%	0.008%
479	18.896	18.872	18.900	HH	50854	846721	0.17%	0.004%
480	18.904	18.900	18.912	HH	51001	361867	0.07%	0.002%
481	18.927	18.912	18.943	HH	51520	930133	0.18%	0.004%
482	18.960	18.943	18.968	HH	53745	807631	0.16%	0.004%
483	19.020	18.968	19.064	HH	75272	3654308	0.72%	0.017%
484	19.068	19.064	19.103	HH	59172	1320087	0.26%	0.006%
485	19.128	19.103	19.163	HH	58157	2031879	0.40%	0.009%
486	19.172	19.163	19.186	HH	54714	759323	0.15%	0.003%
487	19.199	19.186	19.206	HH	57379	674680	0.13%	0.003%
488	19.210	19.206	19.245	HH	56340	1261949	0.25%	0.006%
489	19.273	19.245	19.291	HH	57032	1513867	0.30%	0.007%
490	19.298	19.291	19.332	HH	54743	1323575	0.26%	0.006%
491	19.352	19.332	19.374	HH	58585	1416052	0.28%	0.006%
492	19.416	19.374	19.438	HH	482319	7050683	1.38%	0.032%
493	19.451	19.438	19.478	HH	66799	1439487	0.28%	0.007%
494	19.509	19.478	19.568	HH	68067	3195146	0.63%	0.014%
495	19.600	19.568	19.606	HH	55698	1266105	0.25%	0.006%
496	19.625	19.606	19.655	HH	58278	1679962	0.33%	0.008%
497	19.660	19.655	19.669	HH	56303	441118	0.09%	0.002%
498	19.674	19.669	19.681	HH	56092	403228	0.08%	0.002%
499	19.694	19.681	19.714	HH	57778	1152220	0.23%	0.005%
500	19.719	19.714	19.727	HH	56051	419486	0.08%	0.002%
501	19.733	19.727	19.742	HH	56922	508504	0.10%	0.002%
502	19.782	19.742	19.803	HH	69222	2253576	0.44%	0.010%
503	19.812	19.803	19.829	HH	62167	942859	0.19%	0.004%
504	19.837	19.829	19.864	HH	59491	1231561	0.24%	0.006%
505	19.882	19.864	19.919	HH	60819	1948248	0.38%	0.009%
506	19.923	19.919	19.929	HH	57587	332246	0.07%	0.002%
507	19.950	19.929	19.957	HH	58909	978370	0.19%	0.004%
508	19.963	19.957	19.986	HH	59370	1017791	0.20%	0.005%
509	20.014	19.986	20.019	HH	58855	1134531	0.22%	0.005%

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510	20.022	20.019	20.034	HH	58665	524509	0.10%	0.002%
511	20.042	20.034	20.049	HH	58736	540972	0.11%	0.002%
512	20.054	20.049	20.069	HH	58957	690229	0.14%	0.003%
513	20.077	20.069	20.085	HH	59758	568652	0.11%	0.003%
514	20.089	20.085	20.095	HH	59280	378230	0.07%	0.002%
515	20.103	20.095	20.108	HH	59549	442802	0.09%	0.002%
516	20.154	20.108	20.211	HH	458243	8605642	1.69%	0.039%
517	20.231	20.211	20.237	HH	60537	920959	0.18%	0.004%
518	20.262	20.237	20.294	HH	61498	2081843	0.41%	0.009%
519	20.321	20.294	20.343	HH	60985	1743991	0.34%	0.008%
520	20.372	20.343	20.390	HH	60065	1662612	0.33%	0.008%
521	20.402	20.390	20.416	HH	60326	945095	0.19%	0.004%
522	20.419	20.416	20.426	HH	59774	355891	0.07%	0.002%
523	20.437	20.426	20.449	HH	59245	824596	0.16%	0.004%
524	20.454	20.449	20.462	HH	58883	439689	0.09%	0.002%
525	20.504	20.462	20.563	HH	64062	3662993	0.72%	0.017%
526	20.576	20.563	20.583	HH	58965	712308	0.14%	0.003%
527	20.607	20.583	20.630	HH	61742	1706044	0.34%	0.008%
528	20.636	20.630	20.643	HH	58814	439300	0.09%	0.002%
529	20.665	20.643	20.729	HH	60023	3018139	0.59%	0.014%
530	20.748	20.729	20.752	HH	56927	768199	0.15%	0.003%
531	20.763	20.752	20.767	HH	57379	506748	0.10%	0.002%
532	20.775	20.767	20.779	HH	57629	419066	0.08%	0.002%
533	20.788	20.779	20.814	HH	57619	1218892	0.24%	0.006%
534	20.829	20.814	20.849	HH	57653	1199395	0.24%	0.005%
535	20.896	20.849	20.945	HH	366018	7824911	1.54%	0.035%
536	20.951	20.945	20.979	HH	56060	1133654	0.22%	0.005%
537	21.001	20.979	21.029	HH	55563	1621917	0.32%	0.007%
538	21.033	21.029	21.038	HH	54796	314301	0.06%	0.001%
539	21.045	21.038	21.070	HH	54867	1029016	0.20%	0.005%
540	21.088	21.070	21.122	HH	54390	1685582	0.33%	0.008%
541	21.129	21.122	21.137	HH	54125	487255	0.10%	0.002%
542	21.142	21.137	21.159	HH	54088	724769	0.14%	0.003%
543	21.167	21.159	21.181	HH	53977	689245	0.14%	0.003%
544	21.207	21.181	21.231	HH	54589	1628803	0.32%	0.007%
545	21.235	21.231	21.251	HH	53094	643407	0.13%	0.003%
546	21.257	21.251	21.265	HH	52832	415961	0.08%	0.002%
547	21.275	21.265	21.280	HH	52762	494904	0.10%	0.002%
548	21.312	21.280	21.344	HH	57427	2083678	0.41%	0.009%
549	21.350	21.344	21.360	HH	52597	512756	0.10%	0.002%
550	21.367	21.360	21.373	HH	52532	387343	0.08%	0.002%
551	21.379	21.373	21.403	HH	52420	936504	0.18%	0.004%
552	21.408	21.403	21.422	HH	51894	599988	0.12%	0.003%
553	21.427	21.422	21.431	HH	51445	277795	0.05%	0.001%
554	21.437	21.431	21.449	HH	51694	550492	0.11%	0.002%
555	21.455	21.449	21.488	HH	51962	1203076	0.24%	0.005%
556	21.493	21.488	21.524	HH	51243	1117366	0.22%	0.005%
557	21.534	21.524	21.542	HH	50656	521963	0.10%	0.002%
558	21.551	21.542	21.560	HH	51002	559284	0.11%	0.003%
559	21.564	21.560	21.581	HH	50914	629747	0.12%	0.003%
560	21.588	21.581	21.594	HH	50301	386337	0.08%	0.002%
561	21.603	21.594	21.609	HH	50251	451241	0.09%	0.002%

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562	21.624	21.609	21.630	HH	50489	642109	0.13%	0.003%
563	21.635	21.630	21.640	HH	50426	303248	0.06%	0.001%
564	21.645	21.640	21.659	HH	50400	561469	0.11%	0.003%
565	21.665	21.659	21.699	HH	50109	1219875	0.24%	0.006%
566	21.707	21.699	21.717	HH	49472	514536	0.10%	0.002%
567	21.722	21.717	21.736	HH	49360	569947	0.11%	0.003%
568	21.740	21.736	21.748	HH	49311	363054	0.07%	0.002%
569	21.813	21.748	21.884	HH	283951	8591273	1.69%	0.039%
570	21.888	21.884	21.914	HH	50379	894493	0.18%	0.004%
571	21.920	21.914	21.934	HH	49636	574995	0.11%	0.003%
572	21.951	21.934	21.974	HH	49390	1204563	0.24%	0.005%
573	22.001	21.974	22.043	HH	50107	2030040	0.40%	0.009%
574	22.051	22.043	22.057	HH	48642	404271	0.08%	0.002%
575	22.066	22.057	22.076	HH	48956	546398	0.11%	0.002%
576	22.080	22.076	22.110	HH	48831	1003125	0.20%	0.005%
577	22.117	22.110	22.124	HH	48409	390617	0.08%	0.002%
578	22.143	22.124	22.159	HH	48408	1036219	0.20%	0.005%
579	22.168	22.159	22.181	HH	48271	625562	0.12%	0.003%
580	22.191	22.181	22.198	HH	48508	479611	0.09%	0.002%
581	22.204	22.198	22.231	HH	48374	965288	0.19%	0.004%
582	22.241	22.231	22.248	HH	47730	474709	0.09%	0.002%
583	22.253	22.248	22.260	HH	47795	342774	0.07%	0.002%
584	22.264	22.260	22.269	HH	47642	276017	0.05%	0.001%
585	22.287	22.269	22.292	HH	47915	643767	0.13%	0.003%
586	22.314	22.292	22.325	HH	49125	973083	0.19%	0.004%
587	22.346	22.325	22.416	HH	50802	2636614	0.52%	0.012%
588	22.426	22.416	22.447	HH	47436	877803	0.17%	0.004%
589	22.453	22.447	22.461	HH	46850	398810	0.08%	0.002%
590	22.466	22.461	22.481	HH	46752	554741	0.11%	0.003%
591	22.487	22.481	22.495	HH	46735	401267	0.08%	0.002%
592	22.510	22.495	22.517	HH	46920	608190	0.12%	0.003%
593	22.522	22.517	22.529	HH	46838	350648	0.07%	0.002%
594	22.544	22.529	22.564	HH	47295	987779	0.19%	0.004%
595	22.589	22.564	22.624	HH	47634	1674385	0.33%	0.008%
596	22.628	22.624	22.635	HH	46416	324552	0.06%	0.001%
597	22.643	22.635	22.650	HH	46659	418391	0.08%	0.002%
598	22.665	22.650	22.670	HH	46821	554536	0.11%	0.003%
599	22.674	22.670	22.698	HH	46866	772271	0.15%	0.003%
600	22.702	22.698	22.712	HH	46120	390881	0.08%	0.002%
601	22.724	22.712	22.732	HH	46181	541463	0.11%	0.002%
602	22.737	22.732	22.744	HH	45981	340549	0.07%	0.002%
603	22.750	22.744	22.759	HH	45850	401799	0.08%	0.002%
604	22.763	22.759	22.770	HH	45850	316792	0.06%	0.001%
605	22.784	22.770	22.793	HH	45804	620777	0.12%	0.003%
606	22.798	22.793	22.809	HH	45898	457314	0.09%	0.002%
607	22.812	22.809	22.818	HH	45659	233513	0.05%	0.001%
608	22.825	22.818	22.834	HH	45611	450218	0.09%	0.002%
609	22.839	22.834	22.859	HH	45628	659388	0.13%	0.003%
610	22.867	22.859	22.880	HH	45380	577373	0.11%	0.003%
611	22.887	22.880	22.891	HH	45196	301659	0.06%	0.001%
612	22.895	22.891	22.904	HH	45251	343666	0.07%	0.002%
613	22.919	22.904	22.926	HH	45397	616994	0.12%	0.003%
614	22.931	22.926	22.937	HH	45309	285563	0.06%	0.001%

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615	22.981	22.937	23.040	HH	47965	2847783	0.56%	0.013%
616	23.051	23.040	23.065	HH	45067	687223	0.13%	0.003%
617	23.074	23.065	23.086	HH	45129	565893	0.11%	0.003%
618	23.091	23.086	23.109	HH	44919	604775	0.12%	0.003%
619	23.114	23.109	23.119	HH	44645	266565	0.05%	0.001%
620	23.123	23.119	23.127	HH	44593	219250	0.04%	0.001%
621	23.147	23.127	23.158	HH	44743	829041	0.16%	0.004%
622	23.165	23.158	23.177	HH	44721	525380	0.10%	0.002%
623	23.184	23.177	23.201	HH	44669	624800	0.12%	0.003%
624	23.206	23.201	23.210	HH	44491	256828	0.05%	0.001%
625	23.215	23.210	23.219	HH	44523	233051	0.05%	0.001%
626	23.225	23.219	23.232	HH	44643	342708	0.07%	0.002%
627	23.236	23.232	23.240	HH	44568	222436	0.04%	0.001%
628	23.255	23.240	23.274	HH	44584	889930	0.17%	0.004%
629	23.283	23.274	23.291	HH	44704	468314	0.09%	0.002%
630	23.310	23.291	23.319	HH	44858	759568	0.15%	0.003%
631	23.326	23.319	23.339	HH	44865	536716	0.11%	0.002%
632	23.344	23.339	23.354	HH	44772	379676	0.07%	0.002%
633	23.358	23.354	23.383	HH	44582	772487	0.15%	0.003%
634	23.396	23.383	23.405	HH	44421	595382	0.12%	0.003%
635	23.410	23.405	23.416	HH	44363	288080	0.06%	0.001%
636	23.421	23.416	23.428	HH	44283	313622	0.06%	0.001%
637	23.479	23.428	23.484	HH	45976	1514260	0.30%	0.007%
638	23.489	23.484	23.559	HH	45981	2052324	0.40%	0.009%
639	23.565	23.559	23.590	HH	44453	807132	0.16%	0.004%
640	23.617	23.590	23.627	HH	44310	980703	0.19%	0.004%
641	23.638	23.627	23.652	HH	44240	661799	0.13%	0.003%
642	23.658	23.652	23.666	HH	44029	372064	0.07%	0.002%
643	23.711	23.666	23.787	HH	45554	3216732	0.63%	0.015%
644	23.793	23.787	23.819	HH	43576	847122	0.17%	0.004%
645	23.830	23.819	23.835	HH	43500	417395	0.08%	0.002%
646	23.841	23.835	23.849	HH	43501	360019	0.07%	0.002%
647	23.857	23.849	23.874	HH	43303	641709	0.13%	0.003%
648	23.900	23.874	23.908	HH	43458	875810	0.17%	0.004%
649	23.917	23.908	23.921	HH	43363	346596	0.07%	0.002%
650	23.927	23.921	23.950	HH	43516	756907	0.15%	0.003%
651	23.963	23.950	23.979	HH	43224	752994	0.15%	0.003%
652	23.988	23.979	23.995	HH	43023	401328	0.08%	0.002%
653	24.010	23.995	24.024	HH	42983	735705	0.14%	0.003%
654	24.042	24.024	24.049	HH	42990	643399	0.13%	0.003%
655	24.060	24.049	24.064	HH	42919	385820	0.08%	0.002%
656	24.070	24.064	24.083	HH	42957	492846	0.10%	0.002%
657	24.100	24.083	24.113	HH	43065	787788	0.15%	0.004%
658	24.124	24.113	24.133	HH	43197	519731	0.10%	0.002%
659	24.138	24.133	24.168	HH	43203	885395	0.17%	0.004%
660	24.173	24.168	24.194	HH	42878	661965	0.13%	0.003%
661	24.200	24.194	24.213	HH	42557	483655	0.09%	0.002%
662	24.226	24.213	24.232	HH	42442	489016	0.10%	0.002%
663	24.239	24.232	24.269	HH	42490	954764	0.19%	0.004%
664	24.282	24.269	24.290	HH	42377	528042	0.10%	0.002%
665	24.299	24.290	24.306	HH	42360	401656	0.08%	0.002%
666	24.312	24.306	24.325	HH	42418	487278	0.10%	0.002%

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667	24.332	24.325	24.340	HH	42305	379420	0.07%	0.002%
668	24.345	24.340	24.355	HH	42290	379603	0.07%	0.002%
669	24.362	24.355	24.372	HH	42280	421590	0.08%	0.002%
670	24.377	24.372	24.388	HH	42283	400837	0.08%	0.002%
671	24.392	24.388	24.401	HH	42245	337195	0.07%	0.002%
672	24.413	24.401	24.424	HH	42132	588827	0.12%	0.003%
673	24.434	24.424	24.459	HH	42232	861945	0.17%	0.004%
674	24.469	24.459	24.478	HH	42029	482398	0.09%	0.002%
675	24.486	24.478	24.494	HH	42204	399947	0.08%	0.002%
676	24.565	24.494	24.645	HH	43978	3906303	0.77%	0.018%
677	24.650	24.645	24.654	HH	42289	232336	0.05%	0.001%
678	24.661	24.654	24.671	HH	42247	421479	0.08%	0.002%
679	24.681	24.671	24.697	HH	42118	651297	0.13%	0.003%
680	24.700	24.697	24.714	HH	42015	439488	0.09%	0.002%
681	24.724	24.714	24.756	HH	42028	1047170	0.21%	0.005%
682	24.758	24.756	24.766	HH	41915	250696	0.05%	0.001%
683	24.772	24.766	24.779	HH	41818	334022	0.07%	0.002%
684	24.786	24.779	24.796	HH	41802	417166	0.08%	0.002%
					Sum of corrected areas: 22145221646			

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