

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE020618\
Data File : FE026146.D
Signal(s) : FID1B.CH
Acq On : 06 Feb 2018 14:45
Sample : J1445-02 10X
Misc :
ALS Vial : 6 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	2.419	2.402	2.427	BH	-40	-1391	-0.01%	-0.000%
2	2.431	2.427	2.435	PH	1	-355	-0.00%	-0.000%
3	2.447	2.435	2.464	PH	228	918	0.00%	0.000%
4	2.468	2.464	2.476	PH	58	-191	-0.00%	-0.000%
5	2.485	2.476	2.490	PH	65	-37	-0.00%	-0.000%
6	2.498	2.490	2.505	PH	124	10	0.00%	0.000%
7	2.521	2.505	2.531	PH	221	954	0.00%	0.000%
8	2.542	2.531	2.552	PH	72	127	0.00%	0.000%
9	2.567	2.552	2.577	PH	230	1176	0.00%	0.000%
10	2.586	2.577	2.598	PH	208	1096	0.00%	0.000%
11	2.607	2.598	2.613	HH	100	708	0.00%	0.000%
12	2.625	2.613	2.642	HH	235	2369	0.01%	0.000%
13	2.653	2.642	2.667	PH	413	2643	0.01%	0.000%
14	2.696	2.667	2.742	HH	680	15481	0.06%	0.001%
15	2.746	2.742	2.759	HH	171	1368	0.01%	0.000%
16	2.765	2.759	2.772	HH	371	1691	0.01%	0.000%
17	2.778	2.772	2.782	HH	218	740	0.00%	0.000%
18	2.794	2.782	2.806	HH	438	3345	0.01%	0.000%
19	2.812	2.806	2.821	HH	267	1542	0.01%	0.000%
20	2.844	2.821	2.857	HH	414	4542	0.02%	0.000%
21	2.859	2.857	2.865	HH	316	1093	0.00%	0.000%
22	2.870	2.865	2.874	HH	375	1175	0.00%	0.000%
23	2.892	2.874	2.899	HH	474	4683	0.02%	0.000%
24	2.908	2.899	2.946	HH	387	8675	0.04%	0.001%
25	2.959	2.946	2.967	HH	330	3675	0.01%	0.000%
26	2.978	2.967	2.999	HH	520	6870	0.03%	0.000%
27	3.010	2.999	3.018	HH	443	3802	0.02%	0.000%
28	3.031	3.018	3.036	HH	453	4258	0.02%	0.000%
29	3.043	3.036	3.049	HH	682	3807	0.02%	0.000%
30	3.057	3.049	3.072	HH	591	6375	0.03%	0.000%
31	3.077	3.072	3.088	HH	604	4530	0.02%	0.000%
32	3.094	3.088	3.106	HH	537	4852	0.02%	0.000%
33	3.113	3.106	3.119	HH	568	3737	0.02%	0.000%
34	3.126	3.119	3.131	HH	542	3445	0.01%	0.000%
35	3.136	3.131	3.147	HH	604	4549	0.02%	0.000%
36	3.155	3.147	3.160	HH	575	4182	0.02%	0.000%

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37	3.170	3.160	3.174	HH	739	4762	0.02%	0.000%
38	3.179	3.174	3.183	HH	612	3023	0.01%	0.000%
39	3.198	3.183	3.203	HH	603	6276	0.03%	0.000%
40	3.208	3.203	3.215	HH	586	4006	0.02%	0.000%
41	3.220	3.215	3.227	HH	594	3785	0.02%	0.000%
42	3.231	3.227	3.236	HH	600	3015	0.01%	0.000%
43	3.254	3.236	3.275	HH	705	13830	0.06%	0.001%
44	3.282	3.275	3.286	HH	667	4155	0.02%	0.000%
45	3.295	3.286	3.299	HH	699	4866	0.02%	0.000%
46	3.303	3.299	3.321	HH	638	7691	0.03%	0.001%
47	3.340	3.321	3.346	HH	764	10102	0.04%	0.001%
48	3.352	3.346	3.357	HH	703	4381	0.02%	0.000%
49	3.367	3.357	3.372	HH	754	5868	0.02%	0.000%
50	3.382	3.372	3.397	HH	903	10954	0.04%	0.001%
51	3.411	3.397	3.431	HH	785	14993	0.06%	0.001%
52	3.437	3.431	3.442	HH	866	5064	0.02%	0.000%
53	3.452	3.442	3.457	HH	934	7465	0.03%	0.001%
54	3.467	3.457	3.472	HH	957	7672	0.03%	0.001%
55	3.478	3.472	3.495	HH	904	11072	0.04%	0.001%
56	3.504	3.495	3.527	HH	879	15042	0.06%	0.001%
57	3.562	3.527	3.575	HH	909	23288	0.09%	0.002%
58	3.582	3.575	3.587	HH	957	6591	0.03%	0.000%
59	3.603	3.587	3.611	HH	985	12412	0.05%	0.001%
60	3.618	3.611	3.629	HH	1004	9799	0.04%	0.001%
61	3.632	3.629	3.639	HH	984	5229	0.02%	0.000%
62	3.647	3.639	3.655	HH	994	8449	0.03%	0.001%
63	3.666	3.655	3.675	HH	999	10788	0.04%	0.001%
64	3.682	3.675	3.686	HH	1074	6495	0.03%	0.000%
65	3.693	3.686	3.699	HH	1087	8610	0.03%	0.001%
66	3.708	3.699	3.717	HH	1263	12530	0.05%	0.001%
67	3.725	3.717	3.736	HH	1302	12709	0.05%	0.001%
68	3.741	3.736	3.757	HH	1295	14141	0.06%	0.001%
69	3.762	3.757	3.773	HH	1121	10685	0.04%	0.001%
70	3.782	3.773	3.796	HH	1215	14756	0.06%	0.001%
71	3.802	3.796	3.816	HH	1205	13501	0.05%	0.001%
72	3.822	3.816	3.825	HH	1193	6490	0.03%	0.000%
73	3.830	3.825	3.857	HH	1223	21715	0.09%	0.002%
74	3.877	3.857	3.891	HH	1413	24698	0.10%	0.002%
75	3.896	3.891	3.901	HH	1195	6950	0.03%	0.000%
76	3.908	3.901	3.914	HH	1287	8854	0.04%	0.001%
77	3.928	3.914	3.939	HH	1348	18543	0.08%	0.001%
78	3.944	3.939	3.948	HH	1285	6811	0.03%	0.000%
79	3.961	3.948	3.973	HH	1407	18841	0.08%	0.001%
80	3.978	3.973	3.984	HH	1370	7753	0.03%	0.001%
81	3.988	3.984	3.993	HH	1247	6198	0.03%	0.000%
82	3.999	3.993	4.003	HH	1379	7937	0.03%	0.001%
83	4.010	4.003	4.015	HH	1466	9130	0.04%	0.001%
84	4.021	4.015	4.029	HH	1391	11362	0.05%	0.001%
85	4.033	4.029	4.056	HH	1479	22661	0.09%	0.002%
86	4.062	4.056	4.072	HH	1482	13397	0.05%	0.001%
87	4.081	4.072	4.092	HH	1550	16755	0.07%	0.001%
88	4.099	4.092	4.114	HH	1469	18390	0.07%	0.001%
89	4.118	4.114	4.129	HH	1416	12427	0.05%	0.001%

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90	4.141	4.129	4.152	HH	1524	19677	0.08%	0.001%
91	4.158	4.152	4.169	HH	1587	14387	0.06%	0.001%
92	4.174	4.169	4.189	HH	1525	17645	0.07%	0.001%
93	4.210	4.189	4.217	HH	1564	24719	0.10%	0.002%
94	4.221	4.217	4.229	HH	1575	11303	0.05%	0.001%
95	4.234	4.229	4.248	HH	1622	17537	0.07%	0.001%
96	4.252	4.248	4.265	HH	1672	15304	0.06%	0.001%
97	4.281	4.265	4.290	HH	1585	23268	0.09%	0.002%
98	4.305	4.290	4.310	HH	1686	19075	0.08%	0.001%
99	4.317	4.310	4.327	HH	1727	16529	0.07%	0.001%
100	4.333	4.327	4.338	HH	1657	10176	0.04%	0.001%
101	4.349	4.338	4.354	HH	1762	16413	0.07%	0.001%
102	4.362	4.354	4.371	HH	1852	17411	0.07%	0.001%
103	4.378	4.371	4.392	HH	1777	20899	0.08%	0.001%
104	4.397	4.392	4.406	HH	1737	14224	0.06%	0.001%
105	4.414	4.406	4.424	HH	1868	18607	0.08%	0.001%
106	4.429	4.424	4.442	HH	1840	19354	0.08%	0.001%
107	4.447	4.442	4.455	HH	1794	13081	0.05%	0.001%
108	4.459	4.455	4.477	HH	1901	24292	0.10%	0.002%
109	4.483	4.477	4.490	HH	1875	13077	0.05%	0.001%
110	4.502	4.490	4.512	HH	2081	24732	0.10%	0.002%
111	4.515	4.512	4.523	HH	1988	13308	0.05%	0.001%
112	4.532	4.523	4.545	HH	2036	24952	0.10%	0.002%
113	4.554	4.545	4.560	HH	2033	17338	0.07%	0.001%
114	4.586	4.560	4.595	HH	2157	41734	0.17%	0.003%
115	4.601	4.595	4.615	HH	2108	24560	0.10%	0.002%
116	4.623	4.615	4.628	HH	2112	15933	0.06%	0.001%
117	4.641	4.628	4.649	HH	2172	26663	0.11%	0.002%
118	4.655	4.649	4.661	HH	2246	15035	0.06%	0.001%
119	4.666	4.661	4.673	HH	2174	15595	0.06%	0.001%
120	4.678	4.673	4.687	HH	2168	16528	0.07%	0.001%
121	4.696	4.687	4.705	HH	2137	22351	0.09%	0.002%
122	4.710	4.705	4.724	HH	2152	23521	0.10%	0.002%
123	4.728	4.724	4.745	HH	2107	26165	0.11%	0.002%
124	4.753	4.745	4.767	HH	2125	26999	0.11%	0.002%
125	4.775	4.767	4.779	HH	2106	14915	0.06%	0.001%
126	4.789	4.779	4.799	HH	2212	24688	0.10%	0.002%
127	4.804	4.799	4.808	HH	2159	12542	0.05%	0.001%
128	4.812	4.808	4.817	HH	2229	11659	0.05%	0.001%
129	4.821	4.817	4.826	HH	2137	10457	0.04%	0.001%
130	4.834	4.826	4.840	HH	2169	18645	0.08%	0.001%
131	4.847	4.840	4.852	HH	2217	15586	0.06%	0.001%
132	4.872	4.852	4.881	HH	2252	35575	0.14%	0.002%
133	4.900	4.881	4.907	HH	2361	34292	0.14%	0.002%
134	4.910	4.907	4.920	HH	2373	18162	0.07%	0.001%
135	4.936	4.920	4.960	HH	2387	54025	0.22%	0.004%
136	4.964	4.960	4.979	HH	2267	25527	0.10%	0.002%
137	4.998	4.979	5.004	HH	2425	34361	0.14%	0.002%
138	5.009	5.004	5.021	HH	2336	23874	0.10%	0.002%
139	5.042	5.021	5.049	HH	2472	38895	0.16%	0.003%
140	5.054	5.049	5.070	HH	2418	28848	0.12%	0.002%
141	5.091	5.070	5.096	HH	2461	37006	0.15%	0.003%

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142	5.099	5.096	5.120	HH	2435	32808	0.13%	0.002%
143	5.123	5.120	5.127	HH	2446	10739	0.04%	0.001%
144	5.138	5.127	5.143	HH	2491	22800	0.09%	0.002%
145	5.152	5.143	5.162	HH	2471	27782	0.11%	0.002%
146	5.186	5.162	5.198	HH	2617	52455	0.21%	0.004%
147	5.202	5.198	5.212	HH	2607	20889	0.08%	0.001%
148	5.216	5.212	5.221	HH	2527	12411	0.05%	0.001%
149	5.226	5.221	5.236	HH	2562	22431	0.09%	0.002%
150	5.245	5.236	5.267	HH	2652	46835	0.19%	0.003%
151	5.270	5.267	5.277	HH	2559	16202	0.07%	0.001%
152	5.285	5.277	5.290	HH	2569	18747	0.08%	0.001%
153	5.301	5.290	5.307	HH	2606	25069	0.10%	0.002%
154	5.312	5.307	5.322	HH	2575	22784	0.09%	0.002%
155	5.335	5.322	5.342	HH	2623	32194	0.13%	0.002%
156	5.346	5.342	5.356	HH	2662	20913	0.08%	0.001%
157	5.358	5.356	5.364	HH	2693	13094	0.05%	0.001%
158	5.388	5.364	5.394	HH	2812	47759	0.19%	0.003%
159	5.406	5.394	5.412	HH	2792	28999	0.12%	0.002%
160	5.418	5.412	5.426	HH	2740	21633	0.09%	0.002%
161	5.434	5.426	5.440	HH	2777	23100	0.09%	0.002%
162	5.447	5.440	5.452	HH	2809	20578	0.08%	0.001%
163	5.457	5.452	5.469	HH	2897	27518	0.11%	0.002%
164	5.478	5.469	5.487	HH	2838	30193	0.12%	0.002%
165	5.493	5.487	5.502	HH	2920	26326	0.11%	0.002%
166	5.541	5.502	5.557	HH	3126	96114	0.39%	0.007%
167	5.580	5.557	5.596	HH	3013	68301	0.28%	0.005%
168	5.600	5.596	5.607	HH	2962	18298	0.07%	0.001%
169	5.616	5.607	5.625	HH	3118	33748	0.14%	0.002%
170	5.632	5.625	5.653	HH	3124	49733	0.20%	0.003%
171	5.667	5.653	5.671	HH	3070	31892	0.13%	0.002%
172	5.678	5.671	5.697	HH	3119	47172	0.19%	0.003%
173	5.703	5.697	5.717	HH	3109	37211	0.15%	0.003%
174	5.735	5.717	5.740	HH	3134	42243	0.17%	0.003%
175	5.744	5.740	5.749	HH	3145	16226	0.07%	0.001%
176	5.753	5.749	5.765	HH	3121	29508	0.12%	0.002%
177	5.770	5.765	5.777	HH	3150	21863	0.09%	0.002%
178	5.781	5.777	5.787	HH	3111	18343	0.07%	0.001%
179	5.814	5.787	5.829	HH	3293	80278	0.33%	0.006%
180	5.843	5.829	5.850	HH	3210	39334	0.16%	0.003%
181	5.857	5.850	5.861	HH	3249	20559	0.08%	0.001%
182	5.884	5.861	5.896	HH	3307	67355	0.27%	0.005%
183	5.901	5.896	5.907	HH	3276	22502	0.09%	0.002%
184	5.915	5.907	5.919	HH	3377	23109	0.09%	0.002%
185	5.930	5.919	5.935	HH	3390	31679	0.13%	0.002%
186	5.938	5.935	5.953	HH	3422	35864	0.15%	0.002%
187	5.966	5.953	5.971	HH	3445	36470	0.15%	0.003%
188	5.982	5.971	5.986	HH	3487	30089	0.12%	0.002%
189	5.989	5.986	5.995	HH	3513	19033	0.08%	0.001%
190	5.998	5.995	6.006	HH	3508	22062	0.09%	0.002%
191	6.026	6.006	6.035	HH	3523	61495	0.25%	0.004%
192	6.041	6.035	6.050	HH	3558	31282	0.13%	0.002%
193	6.055	6.050	6.064	HH	3535	28739	0.12%	0.002%
194	6.072	6.064	6.077	HH	3564	27895	0.11%	0.002%

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195	6.081	6.077	6.086	HH	3632	19047	0.08%	0.001%
196	6.096	6.086	6.107	HH	3589	44841	0.18%	0.003%
197	6.112	6.107	6.119	HH	3655	24442	0.10%	0.002%
198	6.128	6.119	6.138	HH	3791	43197	0.18%	0.003%
199	6.143	6.138	6.147	HH	3790	18995	0.08%	0.001%
200	6.153	6.147	6.157	HH	3916	22640	0.09%	0.002%
201	6.162	6.157	6.169	HH	3823	27349	0.11%	0.002%
202	6.177	6.169	6.181	HH	3870	28759	0.12%	0.002%
203	6.186	6.181	6.190	HH	3859	19647	0.08%	0.001%
204	6.194	6.190	6.199	HH	3838	20444	0.08%	0.001%
205	6.203	6.199	6.207	HH	3863	18425	0.07%	0.001%
206	6.224	6.207	6.242	HH	4224	84593	0.34%	0.006%
207	6.247	6.242	6.266	HH	3932	53978	0.22%	0.004%
208	6.287	6.266	6.292	HH	3995	60310	0.24%	0.004%
209	6.299	6.292	6.307	HH	4056	36966	0.15%	0.003%
210	6.314	6.307	6.329	HH	4032	51881	0.21%	0.004%
211	6.338	6.329	6.364	HH	4225	85956	0.35%	0.006%
212	6.381	6.364	6.385	HH	4098	50178	0.20%	0.003%
213	6.391	6.385	6.412	HH	4252	66307	0.27%	0.005%
214	6.426	6.412	6.438	HH	4402	66938	0.27%	0.005%
215	6.445	6.438	6.453	HH	4362	39836	0.16%	0.003%
216	6.471	6.453	6.482	HH	4479	72946	0.30%	0.005%
217	6.486	6.482	6.498	HH	4382	42973	0.17%	0.003%
218	6.522	6.498	6.537	HH	4665	105351	0.43%	0.007%
219	6.540	6.537	6.546	HH	4471	22028	0.09%	0.002%
220	6.558	6.546	6.562	HH	4602	44766	0.18%	0.003%
221	6.568	6.562	6.581	HH	4609	51949	0.21%	0.004%
222	6.607	6.581	6.613	HH	4774	88132	0.36%	0.006%
223	6.617	6.613	6.633	HH	4814	56081	0.23%	0.004%
224	6.661	6.633	6.681	HH	5481	144425	0.59%	0.010%
225	6.695	6.681	6.718	HH	5337	115473	0.47%	0.008%
226	6.734	6.718	6.740	HH	5078	64477	0.26%	0.004%
227	6.775	6.740	6.779	HH	5593	123676	0.50%	0.009%
228	6.786	6.779	6.804	HH	5575	81200	0.33%	0.006%
229	6.839	6.804	6.856	HH	6100	173911	0.71%	0.012%
230	6.869	6.856	6.890	HH	5957	118895	0.48%	0.008%
231	6.911	6.890	6.932	HH	6426	153100	0.62%	0.011%
232	6.940	6.932	6.946	HH	6218	54867	0.22%	0.004%
233	6.969	6.946	6.988	HH	7049	168208	0.68%	0.012%
234	7.010	6.988	7.019	HH	7797	130819	0.53%	0.009%
235	7.031	7.019	7.047	HH	7974	125207	0.51%	0.009%
236	7.064	7.047	7.095	HH	8922	233410	0.95%	0.016%
237	7.119	7.095	7.142	HH	8608	228871	0.93%	0.016%
238	7.166	7.142	7.183	HH	9743	223322	0.91%	0.016%
239	7.210	7.183	7.219	HH	11345	208998	0.85%	0.015%
240	7.227	7.219	7.251	HH	10949	192756	0.78%	0.013%
241	7.264	7.251	7.279	HH	10360	161716	0.66%	0.011%
242	7.312	7.279	7.325	HH	12405	297608	1.21%	0.021%
243	7.338	7.325	7.346	HH	11512	140081	0.57%	0.010%
244	7.356	7.346	7.372	HH	11624	176910	0.72%	0.012%
245	7.397	7.372	7.413	HH	13211	293257	1.19%	0.020%
246	7.435	7.413	7.465	HH	17253	449692	1.82%	0.031%

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247	7.469	7.465	7.474	HH	13587	76413	0.31%	0.005%
248	7.501	7.474	7.509	HH	14273	293234	1.19%	0.020%
249	7.521	7.509	7.534	HH	15529	220361	0.89%	0.015%
250	7.562	7.534	7.573	HH	16259	360746	1.46%	0.025%
251	7.603	7.573	7.609	HH	19496	371716	1.51%	0.026%
252	7.618	7.609	7.637	HH	20026	315334	1.28%	0.022%
253	7.645	7.637	7.675	HH	17862	393639	1.60%	0.027%
254	7.690	7.675	7.703	HH	19815	302044	1.23%	0.021%
255	7.723	7.703	7.753	HH	30692	694538	2.82%	0.048%
256	7.771	7.753	7.788	HH	22386	434651	1.76%	0.030%
257	7.814	7.788	7.838	HH	24461	655752	2.66%	0.046%
258	7.866	7.838	7.879	HH	34062	693284	2.81%	0.048%
259	7.888	7.879	7.898	HH	28460	313789	1.27%	0.022%
260	7.912	7.898	7.928	HH	31649	518410	2.10%	0.036%
261	7.955	7.928	7.973	HH	30134	758367	3.08%	0.053%
262	8.002	7.973	8.021	HH	38762	961939	3.90%	0.067%
263	8.041	8.021	8.085	HH	55420	1528462	6.20%	0.106%
264	8.121	8.085	8.135	HH	54196	1267168	5.14%	0.088%
265	8.152	8.135	8.163	HH	45501	746468	3.03%	0.052%
266	8.181	8.163	8.203	HH	51842	1115966	4.53%	0.078%
267	8.233	8.203	8.243	HH	45852	1048494	4.25%	0.073%
268	8.271	8.243	8.276	HH	49639	930645	3.78%	0.065%
269	8.303	8.276	8.332	HH	78059	2010718	8.16%	0.140%
270	8.350	8.332	8.364	HH	59186	1074256	4.36%	0.075%
271	8.384	8.364	8.397	HH	61847	1143160	4.64%	0.080%
272	8.412	8.397	8.420	HH	60886	803584	3.26%	0.056%
273	8.465	8.420	8.507	HH	146205	4239145	17.20%	0.295%
274	8.526	8.507	8.536	HH	74186	1169321	4.74%	0.081%
275	8.550	8.536	8.560	HH	84551	1149232	4.66%	0.080%
276	8.568	8.560	8.581	HH	84152	1042650	4.23%	0.073%
277	8.593	8.581	8.621	HH	82585	1731600	7.03%	0.121%
278	8.660	8.621	8.672	HH	85268	2313944	9.39%	0.161%
279	8.693	8.672	8.718	HH	125671	2730444	11.08%	0.190%
280	8.727	8.718	8.739	HH	93741	1096806	4.45%	0.076%
281	8.761	8.739	8.782	HH	211893	3450124	14.00%	0.240%
282	8.798	8.782	8.812	HH	130038	2049573	8.32%	0.143%
283	8.832	8.812	8.859	HH	189714	4140772	16.80%	0.288%
284	8.877	8.859	8.902	HH	113280	2749744	11.16%	0.192%
285	8.919	8.902	8.944	HH	135267	3087726	12.53%	0.215%
286	8.960	8.944	8.970	HH	135640	1934665	7.85%	0.135%
287	8.986	8.970	9.017	HH	141783	3611083	14.65%	0.252%
288	9.049	9.017	9.068	HH	153652	4060845	16.47%	0.283%
289	9.076	9.068	9.086	HH	136382	1389317	5.64%	0.097%
290	9.100	9.086	9.113	HH	147390	2304279	9.35%	0.161%
291	9.127	9.113	9.138	HH	172171	2373712	9.63%	0.165%
292	9.144	9.138	9.160	HH	154036	1861167	7.55%	0.130%
293	9.172	9.160	9.183	HH	151049	1982651	8.04%	0.138%
294	9.210	9.183	9.242	HH	176541	5375872	21.81%	0.374%
295	9.263	9.242	9.277	HH	150951	3004641	12.19%	0.209%
296	9.296	9.277	9.320	HH	157568	3837383	15.57%	0.267%
297	9.341	9.320	9.356	HH	181717	3469850	14.08%	0.242%
298	9.364	9.356	9.377	HH	174776	2151543	8.73%	0.150%
299	9.384	9.377	9.397	HH	165716	1953512	7.93%	0.136%

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300	9.438	9.397	9.465	HH	223791	7744595	31.42%	0.539%
301	9.476	9.465	9.483	HH	180806	1852925	7.52%	0.129%
302	9.499	9.483	9.508	HH	253073	3406498	13.82%	0.237%
303	9.522	9.508	9.558	HH	331531	6985293	28.34%	0.487%
304	9.580	9.558	9.588	HH	240020	3909978	15.86%	0.272%
305	9.597	9.588	9.617	HH	238156	3885724	15.76%	0.271%
306	9.633	9.617	9.646	HH	206449	3412711	13.85%	0.238%
307	9.664	9.646	9.677	HH	243810	4026718	16.34%	0.280%
308	9.687	9.677	9.712	HH	219805	4409229	17.89%	0.307%
309	9.728	9.712	9.736	HH	207433	2920871	11.85%	0.203%
310	9.748	9.736	9.759	HH	217011	2882519	11.69%	0.201%
311	9.766	9.759	9.787	HH	210775	3364613	13.65%	0.234%
312	9.821	9.787	9.837	HH	227210	6444501	26.15%	0.449%
313	9.868	9.837	9.876	HH	262936	5636137	22.87%	0.393%
314	9.881	9.876	9.895	HH	259085	2761479	11.20%	0.192%
315	9.910	9.895	9.937	HH	301154	6568363	26.65%	0.458%
316	9.966	9.937	9.978	HH	262735	6039293	24.50%	0.421%
317	9.994	9.978	10.003	HH	265609	3820739	15.50%	0.266%
318	10.014	10.003	10.061	HH	269997	8552898	34.70%	0.596%
319	10.114	10.061	10.130	HH	273896	10655106	43.23%	0.742%
320	10.142	10.130	10.167	HH	275507	5828360	23.65%	0.406%
321	10.187	10.167	10.208	HH	284070	6614773	26.84%	0.461%
322	10.228	10.208	10.241	HH	285704	5420907	21.99%	0.378%
323	10.264	10.241	10.280	HH	316945	6748922	27.38%	0.470%
324	10.300	10.280	10.325	HH	482739	10322900	41.88%	0.719%
325	10.341	10.325	10.357	HH	324616	6033089	24.48%	0.420%
326	10.384	10.357	10.392	HH	346029	6913728	28.05%	0.482%
327	10.398	10.392	10.419	HH	343015	5324974	21.60%	0.371%
328	10.449	10.419	10.477	HH	373129	11164527	45.29%	0.778%
329	10.494	10.477	10.512	HH	313598	6503365	26.38%	0.453%
330	10.542	10.512	10.552	HH	337837	7773009	31.53%	0.541%
331	10.582	10.552	10.614	HH	364985	12583495	51.05%	0.877%
332	10.631	10.614	10.637	HH	357154	4783041	19.40%	0.333%
333	10.653	10.637	10.668	HH	450748	7349660	29.82%	0.512%
334	10.680	10.668	10.685	HH	377685	3903457	15.84%	0.272%
335	10.729	10.685	10.751	HH	624352	18181080	73.76%	1.266%
336	10.768	10.751	10.806	HH	414690	12795033	51.91%	0.891%
337	10.819	10.806	10.835	HH	364201	6162733	25.00%	0.429%
338	10.855	10.835	10.877	HH	396819	9450599	38.34%	0.658%
339	10.891	10.877	10.897	HH	395647	4495678	18.24%	0.313%
340	10.903	10.897	10.917	HH	402230	4627225	18.77%	0.322%
341	10.932	10.917	10.952	HH	412374	8197713	33.26%	0.571%
342	10.981	10.952	11.009	HH	410525	13595770	55.16%	0.947%
343	11.050	11.009	11.094	HH	451549	20968420	85.07%	1.461%
344	11.108	11.094	11.121	HH	402507	6376769	25.87%	0.444%
345	11.140	11.121	11.154	HH	468140	8684072	35.23%	0.605%
346	11.162	11.154	11.173	HH	428561	4639251	18.82%	0.323%
347	11.186	11.173	11.201	HH	437475	7163151	29.06%	0.499%
348	11.218	11.201	11.238	HH	432128	9505717	38.56%	0.662%
349	11.252	11.238	11.275	HH	434426	9276672	37.64%	0.646%
350	11.291	11.275	11.304	HH	447809	7590390	30.79%	0.529%
351	11.310	11.304	11.312	HH	442603	2178762	8.84%	0.152%

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352	11.318	11.312	11.331	HH	445833	4880937	19.80%	0.340%
353	11.359	11.331	11.378	HH	521087	13142369	53.32%	0.915%
354	11.386	11.378	11.399	HH	442240	5563052	22.57%	0.388%
355	11.452	11.399	11.484	HH	648543	24648986	100.00%	1.717%
356	11.491	11.484	11.501	HH	432778	4234390	17.18%	0.295%
357	11.513	11.501	11.537	HH	442641	9292345	37.70%	0.647%
358	11.559	11.537	11.584	HH	442967	11948710	48.48%	0.832%
359	11.599	11.584	11.612	HH	440407	7093395	28.78%	0.494%
360	11.623	11.612	11.630	HH	445119	4950943	20.09%	0.345%
361	11.658	11.630	11.700	HH	464504	18693012	75.84%	1.302%
362	11.729	11.700	11.743	HH	469639	11110406	45.07%	0.774%
363	11.763	11.743	11.783	HH	475448	10645558	43.19%	0.742%
364	11.806	11.783	11.812	HH	452584	7694241	31.22%	0.536%
365	11.821	11.812	11.826	HH	456546	3853124	15.63%	0.268%
366	11.832	11.826	11.836	HH	458635	2611403	10.59%	0.182%
367	11.847	11.836	11.858	HH	471336	6159872	24.99%	0.429%
368	11.871	11.858	11.894	HH	484771	10187506	41.33%	0.710%
369	11.915	11.894	11.930	HH	483824	9877414	40.07%	0.688%
370	11.934	11.930	11.961	HH	454859	8407375	34.11%	0.586%
371	12.011	11.961	12.023	HH	528705	17530701	71.12%	1.221%
372	12.029	12.023	12.080	HH	508644	15703624	63.71%	1.094%
373	12.102	12.080	12.119	HH	442345	10006707	40.60%	0.697%
374	12.138	12.119	12.149	HH	456517	7754100	31.46%	0.540%
375	12.159	12.149	12.208	HH	458803	15410502	62.52%	1.073%
376	12.226	12.208	12.239	HH	432369	7660551	31.08%	0.534%
377	12.246	12.239	12.253	HH	426647	3505735	14.22%	0.244%
378	12.263	12.253	12.281	HH	432344	7096746	28.79%	0.494%
379	12.298	12.281	12.309	HH	435760	7020649	28.48%	0.489%
380	12.317	12.309	12.324	HH	425092	3911749	15.87%	0.272%
381	12.339	12.324	12.353	HH	433462	7366452	29.89%	0.513%
382	12.369	12.353	12.382	HH	420101	7073315	28.70%	0.493%
383	12.416	12.382	12.429	HH	417228	11481333	46.58%	0.800%
384	12.438	12.429	12.451	HH	420187	5454431	22.13%	0.380%
385	12.461	12.451	12.476	HH	421158	6052071	24.55%	0.422%
386	12.493	12.476	12.503	HH	401949	6307906	25.59%	0.439%
387	12.526	12.503	12.541	HH	420765	9381290	38.06%	0.653%
388	12.546	12.541	12.565	HH	411965	5972571	24.23%	0.416%
389	12.584	12.565	12.608	HH	426722	10278020	41.70%	0.716%
390	12.617	12.608	12.621	HH	397965	3250804	13.19%	0.226%
391	12.633	12.621	12.643	HH	400756	5111102	20.74%	0.356%
392	12.667	12.643	12.685	HH	469770	10598232	43.00%	0.738%
393	12.695	12.685	12.709	HH	384306	5416411	21.97%	0.377%
394	12.728	12.709	12.749	HH	396289	9264462	37.59%	0.645%
395	12.762	12.749	12.770	HH	384200	4868895	19.75%	0.339%
396	12.806	12.770	12.833	HH	390393	14241698	57.78%	0.992%
397	12.837	12.833	12.846	HH	351023	2728298	11.07%	0.190%
398	12.859	12.846	12.875	HH	356754	6096202	24.73%	0.425%
399	12.893	12.875	12.909	HH	356586	7215521	29.27%	0.503%
400	12.919	12.909	12.924	HH	353633	3153093	12.79%	0.220%
401	12.929	12.924	12.971	HH	354073	9816442	39.82%	0.684%
402	12.990	12.971	13.018	HH	362982	9696292	39.34%	0.675%
403	13.026	13.018	13.048	HH	348423	6119471	24.83%	0.426%
404	13.058	13.048	13.068	HH	335516	4038470	16.38%	0.281%

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405	13.083	13.068	13.108	HH	359456	8267365	33.54%	0.576%
406	13.125	13.108	13.142	HH	347251	6971607	28.28%	0.486%
407	13.156	13.142	13.186	HH	370075	9317220	37.80%	0.649%
408	13.189	13.186	13.203	HH	340462	3318265	13.46%	0.231%
409	13.216	13.203	13.231	HH	336901	5700213	23.13%	0.397%
410	13.236	13.231	13.241	HH	322665	1871974	7.59%	0.130%
411	13.247	13.241	13.258	HH	321838	3216290	13.05%	0.224%
412	13.275	13.258	13.301	HH	334464	8244695	33.45%	0.574%
413	13.324	13.301	13.344	HH	341062	8284388	33.61%	0.577%
414	13.350	13.344	13.364	HH	310482	3747163	15.20%	0.261%
415	13.370	13.364	13.376	HH	307357	2171224	8.81%	0.151%
416	13.380	13.376	13.393	HH	309410	3110618	12.62%	0.217%
417	13.403	13.393	13.408	HH	304576	2613228	10.60%	0.182%
418	13.414	13.408	13.425	HH	304474	3113089	12.63%	0.217%
419	13.444	13.425	13.471	HH	306998	8235302	33.41%	0.574%
420	13.497	13.471	13.527	HH	325648	10139319	41.13%	0.706%
421	13.543	13.527	13.566	HH	302440	6838362	27.74%	0.476%
422	13.589	13.566	13.608	HH	295288	7254141	29.43%	0.505%
423	13.617	13.608	13.638	HH	277995	4871711	19.76%	0.339%
424	13.654	13.638	13.669	HH	279931	5208726	21.13%	0.363%
425	13.703	13.669	13.731	HH	291661	10241011	41.55%	0.713%
426	13.758	13.731	13.801	HH	280475	11319416	45.92%	0.788%
427	13.811	13.801	13.818	HH	251951	2556265	10.37%	0.178%
428	13.823	13.818	13.830	HH	247642	1681760	6.82%	0.117%
429	13.852	13.830	13.865	HH	269700	5419079	21.98%	0.377%
430	13.874	13.865	13.888	HH	253137	3392264	13.76%	0.236%
431	13.913	13.888	13.942	HH	256489	7984262	32.39%	0.556%
432	13.945	13.942	13.971	HH	245136	4117012	16.70%	0.287%
433	14.001	13.971	14.024	HH	247973	7558800	30.67%	0.527%
434	14.044	14.024	14.051	HH	232350	3715407	15.07%	0.259%
435	14.089	14.051	14.115	HH	254052	9061924	36.76%	0.631%
436	14.153	14.115	14.206	HH	232746	12032315	48.81%	0.838%
437	14.217	14.206	14.222	HH	212013	2089601	8.48%	0.146%
438	14.237	14.222	14.279	HH	215663	7131563	28.93%	0.497%
439	14.284	14.279	14.304	HH	203124	3075818	12.48%	0.214%
440	14.307	14.304	14.324	HH	199746	2337834	9.48%	0.163%
441	14.329	14.324	14.363	HH	198043	4501601	18.26%	0.314%
442	14.375	14.363	14.393	HH	198082	3514382	14.26%	0.245%
443	14.410	14.393	14.434	HH	194595	4558598	18.49%	0.318%
444	14.442	14.434	14.449	HH	180428	1677179	6.80%	0.117%
445	14.454	14.449	14.460	HH	182403	1163415	4.72%	0.081%
446	14.483	14.460	14.501	HH	190521	4538334	18.41%	0.316%
447	14.508	14.501	14.525	HH	184841	2634846	10.69%	0.184%
448	14.541	14.525	14.599	HH	188264	7883307	31.98%	0.549%
449	14.613	14.599	14.633	HH	169895	3332374	13.52%	0.232%
450	14.650	14.633	14.663	HH	166831	2965046	12.03%	0.207%
451	14.670	14.663	14.727	HH	164603	6112595	24.80%	0.426%
452	14.747	14.727	14.779	HH	178135	5021400	20.37%	0.350%
453	14.793	14.779	14.821	HH	149608	3657524	14.84%	0.255%
454	14.842	14.821	14.923	HH	147981	8467435	34.35%	0.590%
455	14.945	14.923	14.973	HH	140521	4016646	16.30%	0.280%
456	14.982	14.973	14.987	HH	135949	1134595	4.60%	0.079%

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457	14.989	14.987	14.993	HH	134877	499938	2.03%	0.035%
458	14.996	14.993	15.001	HH	135497	643348	2.61%	0.045%
459	15.007	15.001	15.017	HH	133448	1232000	5.00%	0.086%
460	15.022	15.017	15.052	HH	129453	2674708	10.85%	0.186%
461	15.057	15.052	15.069	HH	122475	1262845	5.12%	0.088%
462	15.090	15.069	15.124	HH	132594	4034164	16.37%	0.281%
463	15.143	15.124	15.172	HH	118183	3366334	13.66%	0.234%
464	15.180	15.172	15.193	HH	115895	1408114	5.71%	0.098%
465	15.201	15.193	15.244	HH	114843	3434514	13.93%	0.239%
466	15.249	15.244	15.264	HH	108827	1299677	5.27%	0.091%
467	15.278	15.264	15.296	HH	109764	1996709	8.10%	0.139%
468	15.303	15.296	15.309	HH	104244	859632	3.49%	0.060%
469	15.316	15.309	15.327	HH	104354	1071062	4.35%	0.075%
470	15.346	15.327	15.376	HH	105333	3061872	12.42%	0.213%
471	15.388	15.376	15.445	HH	105468	4141935	16.80%	0.289%
472	15.464	15.445	15.475	HH	101422	1789328	7.26%	0.125%
473	15.490	15.475	15.513	HH	101055	2278213	9.24%	0.159%
474	15.518	15.513	15.536	HH	97324	1309701	5.31%	0.091%
475	15.545	15.536	15.598	HH	93267	3254246	13.20%	0.227%
476	15.618	15.598	15.633	HH	85865	1795387	7.28%	0.125%
477	15.640	15.633	15.652	HH	84020	899755	3.65%	0.063%
478	15.656	15.652	15.675	HH	82444	1149801	4.66%	0.080%
479	15.679	15.675	15.690	HH	80595	734584	2.98%	0.051%
480	15.697	15.690	15.713	HH	81106	1071943	4.35%	0.075%
481	15.732	15.713	15.754	HH	80014	1950247	7.91%	0.136%
482	15.777	15.754	15.810	HH	83835	2693271	10.93%	0.188%
483	15.819	15.810	15.840	HH	76792	1345495	5.46%	0.094%
484	15.853	15.840	15.893	HH	74954	2316590	9.40%	0.161%
485	15.913	15.893	15.930	HH	71737	1584814	6.43%	0.110%
486	15.935	15.930	15.938	HH	69642	327428	1.33%	0.023%
487	15.963	15.938	15.980	HH	72958	1772310	7.19%	0.123%
488	16.000	15.980	16.051	HH	71353	2922367	11.86%	0.204%
489	16.063	16.051	16.068	HH	65411	649135	2.63%	0.045%
490	16.074	16.068	16.089	HH	65057	808036	3.28%	0.056%
491	16.094	16.089	16.101	HH	63426	454993	1.85%	0.032%
492	16.122	16.101	16.144	HH	64290	1662719	6.75%	0.116%
493	16.162	16.144	16.223	HH	67509	2996480	12.16%	0.209%
494	16.229	16.223	16.235	HH	59729	421351	1.71%	0.029%
495	16.245	16.235	16.252	HH	60937	617962	2.51%	0.043%
496	16.270	16.252	16.303	HH	63287	1856510	7.53%	0.129%
497	16.308	16.303	16.313	HH	58563	323537	1.31%	0.023%
498	16.332	16.313	16.350	HH	60990	1328712	5.39%	0.093%
499	16.355	16.350	16.372	HH	57466	761699	3.09%	0.053%
500	16.378	16.372	16.383	HH	56518	364364	1.48%	0.025%
501	16.413	16.383	16.429	HH	57187	1557473	6.32%	0.108%
502	16.443	16.429	16.505	HH	57451	2447003	9.93%	0.170%
503	16.523	16.505	16.528	HH	52290	734260	2.98%	0.051%
504	16.532	16.528	16.558	HH	52218	912766	3.70%	0.064%
505	16.569	16.558	16.586	HH	51825	881586	3.58%	0.061%
506	16.602	16.586	16.617	HH	52284	945453	3.84%	0.066%
507	16.621	16.617	16.635	HH	51228	550622	2.23%	0.038%
508	16.659	16.635	16.682	HH	51332	1439968	5.84%	0.100%
509	16.685	16.682	16.710	HH	50226	817012	3.31%	0.057%

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510	16.719	16.710	16.724	HH	48567	420125	1.70%	0.029%
511	16.730	16.724	16.748	HH	48790	687062	2.79%	0.048%
512	16.757	16.748	16.768	HH	48730	583421	2.37%	0.041%
513	16.773	16.768	16.790	HH	48811	645978	2.62%	0.045%
514	16.794	16.790	16.828	HH	47954	1058960	4.30%	0.074%
515	16.833	16.828	16.841	HH	44830	332861	1.35%	0.023%
516	16.866	16.841	16.891	HH	45370	1350609	5.48%	0.094%
517	16.908	16.891	16.923	HH	48428	888000	3.60%	0.062%
518	16.946	16.923	16.976	HH	47984	1478589	6.00%	0.103%
519	16.986	16.976	17.007	HH	45226	829721	3.37%	0.058%
520	17.015	17.007	17.021	HH	43821	364978	1.48%	0.025%
521	17.033	17.021	17.080	HH	43768	1493294	6.06%	0.104%
522	17.097	17.080	17.103	HH	42532	590883	2.40%	0.041%
523	17.123	17.103	17.154	HH	43589	1302597	5.28%	0.091%
524	17.170	17.154	17.208	HH	44719	1359303	5.51%	0.095%
525	17.237	17.208	17.260	HH	42174	1290592	5.24%	0.090%
526	17.266	17.260	17.284	HH	40805	565031	2.29%	0.039%
527	17.295	17.284	17.322	HH	41174	928164	3.77%	0.065%
528	17.357	17.322	17.382	HH	51347	1535859	6.23%	0.107%
529	17.387	17.382	17.395	HH	38225	309162	1.25%	0.022%
530	17.403	17.395	17.426	HH	38481	687849	2.79%	0.048%
531	17.445	17.426	17.466	HH	39280	926072	3.76%	0.065%
532	17.483	17.466	17.528	HH	39498	1399274	5.68%	0.097%
533	17.533	17.528	17.546	HH	36155	393561	1.60%	0.027%
534	17.551	17.546	17.555	HH	35879	199493	0.81%	0.014%
535	17.577	17.555	17.596	HH	36529	879608	3.57%	0.061%
536	17.605	17.596	17.624	HH	35291	587821	2.38%	0.041%
537	17.640	17.624	17.686	HH	35866	1308172	5.31%	0.091%
538	17.710	17.686	17.723	HH	35791	778368	3.16%	0.054%
539	17.728	17.723	17.733	HH	34944	200018	0.81%	0.014%
540	17.748	17.733	17.767	HH	35238	719301	2.92%	0.050%
541	17.793	17.767	17.834	HH	38766	1430603	5.80%	0.100%
542	17.856	17.834	17.869	HH	34820	707827	2.87%	0.049%
543	17.886	17.869	17.911	HH	38215	893280	3.62%	0.062%
544	17.926	17.911	17.933	HH	34261	445853	1.81%	0.031%
545	17.953	17.933	17.967	HH	37859	729135	2.96%	0.051%
546	17.978	17.967	18.023	HH	35191	1153826	4.68%	0.080%
547	18.056	18.023	18.103	HH	33965	1587284	6.44%	0.111%
548	18.107	18.103	18.114	HH	32791	220559	0.89%	0.015%
549	18.138	18.114	18.173	HH	35621	1235678	5.01%	0.086%
550	18.183	18.173	18.189	HH	34696	315693	1.28%	0.022%
551	18.215	18.189	18.254	HH	49936	1496075	6.07%	0.104%
552	18.286	18.254	18.297	HH	32948	835518	3.39%	0.058%
553	18.318	18.297	18.346	HH	37296	992248	4.03%	0.069%
554	18.351	18.346	18.385	HH	32063	739821	3.00%	0.052%
555	18.398	18.385	18.411	HH	31446	484549	1.97%	0.034%
556	18.415	18.411	18.421	HH	31411	200369	0.81%	0.014%
557	18.475	18.421	18.493	HH	32296	1356680	5.50%	0.095%
558	18.498	18.493	18.503	HH	31527	189047	0.77%	0.013%
559	18.524	18.503	18.543	HH	32424	774950	3.14%	0.054%
560	18.549	18.543	18.564	HH	31324	384809	1.56%	0.027%
561	18.570	18.564	18.574	HH	31035	194096	0.79%	0.014%

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562	18.622	18.574	18.677	HH	36771	1988253	8.07%	0.138%
563	18.682	18.677	18.686	HH	31071	177668	0.72%	0.012%
564	18.728	18.686	18.761	HH	35472	1451898	5.89%	0.101%
565	18.766	18.761	18.771	HH	31233	195559	0.79%	0.014%
566	18.791	18.771	18.815	HH	32262	841039	3.41%	0.059%
567	18.826	18.815	18.861	HH	31510	858680	3.48%	0.060%
568	18.878	18.861	18.905	HH	31924	838804	3.40%	0.058%
569	18.924	18.905	18.936	HH	31931	592370	2.40%	0.041%
570	18.953	18.936	18.974	HH	33098	721790	2.93%	0.050%
571	19.019	18.974	19.088	HH	42230	2380967	9.66%	0.166%
572	19.092	19.088	19.107	HH	33024	383741	1.56%	0.027%
573	19.128	19.107	19.156	HH	33356	966777	3.92%	0.067%
574	19.178	19.156	19.193	HH	33783	731796	2.97%	0.051%
575	19.198	19.193	19.239	HH	33095	917680	3.72%	0.064%
576	19.277	19.239	19.287	HH	33213	941410	3.82%	0.066%
577	19.293	19.287	19.299	HH	33009	224818	0.91%	0.016%
578	19.307	19.299	19.336	HH	32997	734709	2.98%	0.051%
579	19.356	19.336	19.370	HH	33137	666970	2.71%	0.046%
580	19.404	19.370	19.431	HH	35869	1231909	5.00%	0.086%
581	19.446	19.431	19.470	HH	33441	780525	3.17%	0.054%
582	19.512	19.470	19.562	HH	35920	1871498	7.59%	0.130%
583	19.600	19.562	19.608	HH	33931	928612	3.77%	0.065%
584	19.643	19.608	19.668	HH	35028	1246104	5.06%	0.087%
585	19.696	19.668	19.728	HH	35799	1260849	5.12%	0.088%
586	19.732	19.728	19.737	HH	34755	193372	0.78%	0.013%
587	19.780	19.737	19.827	HH	38389	1950534	7.91%	0.136%
588	19.843	19.827	19.864	HH	35740	773168	3.14%	0.054%
589	19.878	19.864	19.898	HH	36017	734654	2.98%	0.051%
590	19.923	19.898	19.934	HH	35827	778227	3.16%	0.054%
591	19.962	19.934	19.966	HH	35868	675976	2.74%	0.047%
592	19.975	19.966	19.986	HH	35881	439534	1.78%	0.031%
593	20.017	19.986	20.024	HH	36080	826492	3.35%	0.058%
594	20.054	20.024	20.079	HH	36874	1194978	4.85%	0.083%
595	20.093	20.079	20.103	HH	36774	515728	2.09%	0.036%
596	20.144	20.103	20.164	HH	38420	1387150	5.63%	0.097%
597	20.186	20.164	20.211	HH	39164	1081022	4.39%	0.075%
598	20.268	20.211	20.280	HH	38466	1560435	6.33%	0.109%
599	20.295	20.280	20.301	HH	38543	490609	1.99%	0.034%
600	20.321	20.301	20.343	HH	38949	983981	3.99%	0.069%
601	20.376	20.343	20.393	HH	38986	1154454	4.68%	0.080%
602	20.410	20.393	20.441	HH	39001	1127356	4.57%	0.079%
603	20.452	20.441	20.456	HH	38644	342068	1.39%	0.024%
604	20.479	20.456	20.484	HH	38901	645298	2.62%	0.045%
605	20.502	20.484	20.536	HH	39574	1221459	4.96%	0.085%
606	20.611	20.536	20.626	HH	39922	2143901	8.70%	0.149%
607	20.664	20.626	20.725	HH	41288	2381441	9.66%	0.166%
608	20.745	20.725	20.781	HH	39989	1344032	5.45%	0.094%
609	20.789	20.781	20.798	HH	39843	413066	1.68%	0.029%
610	20.803	20.798	20.863	HH	39762	1531373	6.21%	0.107%
611	20.882	20.863	20.919	HH	39922	1328947	5.39%	0.093%
612	20.924	20.919	20.941	HH	39341	523285	2.12%	0.036%
613	20.949	20.941	20.973	HH	39120	741624	3.01%	0.052%
614	20.999	20.973	21.016	HH	39201	1013023	4.11%	0.071%

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615	21.036	21.016	21.052	HH	39282	846101	3.43%	0.059%
616	21.060	21.052	21.069	HH	39320	402227	1.63%	0.028%
617	21.074	21.069	21.104	HH	39310	816894	3.31%	0.057%
618	21.111	21.104	21.118	HH	39062	335890	1.36%	0.023%
619	21.121	21.118	21.131	HH	39002	305072	1.24%	0.021%
620	21.207	21.131	21.291	HH	40866	3788075	15.37%	0.264%
621	21.310	21.291	21.347	HH	39005	1291104	5.24%	0.090%
622	21.352	21.347	21.358	HH	38454	261817	1.06%	0.018%
623	21.365	21.358	21.418	HH	38389	1371645	5.56%	0.096%
624	21.422	21.418	21.445	HH	38217	618372	2.51%	0.043%
625	21.454	21.445	21.463	HH	38147	407553	1.65%	0.028%
626	21.468	21.463	21.474	HH	38177	266809	1.08%	0.019%
627	21.487	21.474	21.492	HH	38228	405636	1.65%	0.028%
628	21.498	21.492	21.518	HH	38244	594294	2.41%	0.041%
629	21.556	21.518	21.570	HH	38522	1185113	4.81%	0.083%
630	21.579	21.570	21.593	HH	38455	529231	2.15%	0.037%
631	21.644	21.593	21.667	HH	38821	1722594	6.99%	0.120%
632	21.677	21.667	21.724	HH	38737	1323083	5.37%	0.092%
633	21.729	21.724	21.744	HH	38604	447892	1.82%	0.031%
634	21.756	21.744	21.764	HH	38613	464830	1.89%	0.032%
635	21.776	21.764	21.781	HH	38674	388763	1.58%	0.027%
636	21.796	21.781	21.801	HH	38883	482778	1.96%	0.034%
637	21.837	21.801	21.875	HH	39866	1727703	7.01%	0.120%
638	21.879	21.875	21.898	HH	38455	524380	2.13%	0.037%
639	21.902	21.898	21.912	HH	38335	328084	1.33%	0.023%
640	21.927	21.912	21.937	HH	38347	583370	2.37%	0.041%
641	21.945	21.937	21.955	HH	38351	392603	1.59%	0.027%
642	21.959	21.955	21.970	HH	38341	360108	1.46%	0.025%
643	21.974	21.970	21.999	HH	38320	657173	2.67%	0.046%
644	22.011	21.999	22.024	HH	38307	586800	2.38%	0.041%
645	22.032	22.024	22.039	HH	38276	344337	1.40%	0.024%
646	22.054	22.039	22.059	HH	38369	459612	1.86%	0.032%
647	22.074	22.059	22.078	HH	38484	424828	1.72%	0.030%
648	22.087	22.078	22.100	HH	38510	499888	2.03%	0.035%
649	22.145	22.100	22.171	HH	38722	1654856	6.71%	0.115%
650	22.178	22.171	22.187	HH	38641	378489	1.54%	0.026%
651	22.197	22.187	22.211	HH	38594	542844	2.20%	0.038%
652	22.216	22.211	22.225	HH	38559	325579	1.32%	0.023%
653	22.229	22.225	22.289	HH	38436	1465063	5.94%	0.102%
654	22.296	22.289	22.301	HH	38191	283321	1.15%	0.020%
655	22.310	22.301	22.316	HH	38257	340798	1.38%	0.024%
656	22.323	22.316	22.337	HH	38157	474271	1.92%	0.033%
657	22.341	22.337	22.345	HH	37940	190319	0.77%	0.013%
658	22.351	22.345	22.379	HH	37988	767676	3.11%	0.053%
659	22.437	22.379	22.465	HH	38070	1964508	7.97%	0.137%
660	22.493	22.465	22.504	HH	38118	888457	3.60%	0.062%
661	22.511	22.504	22.524	HH	38304	458752	1.86%	0.032%
662	22.528	22.524	22.538	HH	38262	305752	1.24%	0.021%
663	22.586	22.538	22.644	HH	39340	2461568	9.99%	0.171%
664	22.661	22.644	22.702	HH	38399	1331686	5.40%	0.093%
665	22.707	22.702	22.721	HH	38161	425100	1.72%	0.030%
666	22.736	22.721	22.741	HH	38140	458766	1.86%	0.032%

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667	22.750	22.741	22.759	HH	38199	430523	1.75%	0.030%
668	22.770	22.759	22.776	HH	38189	384343	1.56%	0.027%
669	22.784	22.776	22.806	HH	38157	679665	2.76%	0.047%
670	22.810	22.806	22.829	HH	38079	535259	2.17%	0.037%
671	22.835	22.829	22.844	HH	37988	335887	1.36%	0.023%
672	22.849	22.844	22.869	HH	37962	562156	2.28%	0.039%
673	22.876	22.869	22.887	HH	37771	415030	1.68%	0.029%
674	22.894	22.887	22.904	HH	37813	377107	1.53%	0.026%
675	22.915	22.904	22.930	HH	37796	584554	2.37%	0.041%
676	22.936	22.930	22.942	HH	37760	283882	1.15%	0.020%
677	22.968	22.942	22.972	HH	37896	672209	2.73%	0.047%
678	22.980	22.972	22.990	HH	38027	412165	1.67%	0.029%
679	23.000	22.990	23.046	HH	37987	1271129	5.16%	0.089%
680	23.060	23.046	23.089	HH	37823	983864	3.99%	0.069%
681	23.093	23.089	23.104	HH	37930	321919	1.31%	0.022%
682	23.120	23.104	23.125	HH	37892	485840	1.97%	0.034%
683	23.139	23.125	23.149	HH	37979	549700	2.23%	0.038%
684	23.157	23.149	23.176	HH	37949	611504	2.48%	0.043%
685	23.179	23.176	23.208	HH	37943	718782	2.92%	0.050%
686	23.211	23.208	23.216	HH	37797	183369	0.74%	0.013%
687	23.224	23.216	23.240	HH	37754	551294	2.24%	0.038%
688	23.266	23.240	23.284	HH	37762	998822	4.05%	0.070%
689	23.287	23.284	23.297	HH	37707	293150	1.19%	0.020%
690	23.338	23.297	23.344	HH	37894	1064242	4.32%	0.074%
691	23.349	23.344	23.363	HH	37918	416460	1.69%	0.029%
692	23.370	23.363	23.381	HH	37921	416276	1.69%	0.029%
693	23.405	23.381	23.426	HH	37941	1017169	4.13%	0.071%
694	23.431	23.426	23.435	HH	37936	209904	0.85%	0.015%
695	23.496	23.435	23.594	HH	38873	3659709	14.85%	0.255%
696	23.598	23.594	23.620	HH	37860	587464	2.38%	0.041%
697	23.633	23.620	23.650	HH	37770	665515	2.70%	0.046%
698	23.664	23.650	23.678	HH	37750	631663	2.56%	0.044%
699	23.682	23.678	23.695	HH	37813	391242	1.59%	0.027%
700	23.704	23.695	23.759	HH	37922	1441855	5.85%	0.100%
701	23.768	23.759	23.803	HH	37521	1002634	4.07%	0.070%
702	23.809	23.803	23.849	HH	37368	1031690	4.19%	0.072%
703	23.852	23.849	23.858	HH	37130	185333	0.75%	0.013%
704	23.864	23.858	23.869	HH	37117	259389	1.05%	0.018%
705	23.874	23.869	23.895	HH	37056	564794	2.29%	0.039%
706	23.937	23.895	23.945	HH	37323	1126588	4.57%	0.078%
707	23.960	23.945	23.968	HH	37429	501163	2.03%	0.035%
708	23.971	23.968	23.977	HH	37404	200808	0.81%	0.014%
709	23.995	23.977	24.004	HH	37624	620860	2.52%	0.043%
710	24.022	24.004	24.033	HH	37759	647447	2.63%	0.045%
711	24.046	24.033	24.051	HH	37710	411927	1.67%	0.029%
712	24.056	24.051	24.081	HH	37695	673475	2.73%	0.047%
713	24.084	24.081	24.108	HH	37593	599928	2.43%	0.042%
714	24.130	24.108	24.134	HH	37588	587263	2.38%	0.041%
715	24.138	24.134	24.143	HH	37616	201154	0.82%	0.014%
716	24.151	24.143	24.175	HH	37531	724161	2.94%	0.050%
717	24.187	24.175	24.195	HH	37265	451415	1.83%	0.031%
718	24.214	24.195	24.220	HH	37298	558925	2.27%	0.039%
719	24.228	24.220	24.244	HH	37309	526659	2.14%	0.037%

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720	24.249	24.244	24.272	HH	37335	620532	2.52%	0.043%
721	24.288	24.272	24.320	HH	37388	1078408	4.38%	0.075%
722	24.323	24.320	24.392	HH	37323	1615505	6.55%	0.113%
723	24.398	24.392	24.419	HH	37215	595301	2.42%	0.041%
724	24.423	24.419	24.433	HH	37134	323791	1.31%	0.023%
725	24.438	24.433	24.446	HH	37085	285677	1.16%	0.020%
726	24.451	24.446	24.459	HH	37006	293569	1.19%	0.020%
727	24.463	24.459	24.482	HH	37009	488855	1.98%	0.034%
728	24.485	24.482	24.493	HH	36887	248931	1.01%	0.017%
729	24.519	24.493	24.524	HH	36915	688755	2.79%	0.048%
730	24.606	24.524	24.615	HH	37648	2041888	8.28%	0.142%
731	24.621	24.615	24.638	HH	37644	516912	2.10%	0.036%
732	24.642	24.638	24.651	HH	37377	287486	1.17%	0.020%
733	24.656	24.651	24.668	HH	37343	372039	1.51%	0.026%
734	24.674	24.668	24.686	HH	37263	415863	1.69%	0.029%
735	24.697	24.686	24.701	HH	37224	320729	1.30%	0.022%
736	24.710	24.701	24.729	HH	37252	639055	2.59%	0.045%
737	24.733	24.729	24.748	HH	37269	420863	1.71%	0.029%
738	24.756	24.748	24.761	HH	37240	285830	1.16%	0.020%
739	24.769	24.761	24.778	HH	37290	384747	1.56%	0.027%
740	24.795	24.778	24.801	HHA	37218	526095	2.13%	0.037%

Sum of corrected areas: 1435567631

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