

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE012918\
 Data File : FE025973.D
 Signal(s) : FID1B.CH
 Acq On : 30 Jan 2018 8:10
 Sample : J1326-01MSD
 Misc :
 ALS Vial : 16 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	2.437	2.401	2.499	BH	262955	2045937	0.52%	0.008%
2	2.506	2.499	2.526	HH	1667	17119	0.00%	0.000%
3	2.530	2.526	2.541	HH	492	3527	0.00%	0.000%
4	2.545	2.541	2.555	HH	365	2617	0.00%	0.000%
5	2.562	2.555	2.583	HH	453	5383	0.00%	0.000%
6	2.601	2.583	2.617	HH	903	9611	0.00%	0.000%
7	2.621	2.617	2.636	HH	504	1779	0.00%	0.000%
8	2.658	2.636	2.667	PH	7465	55158	0.01%	0.000%
9	2.673	2.667	2.691	HH	4763	46594	0.01%	0.000%
10	2.707	2.691	2.748	HH	27183	247002	0.06%	0.001%
11	2.759	2.748	2.773	HH	3806	28715	0.01%	0.000%
12	2.785	2.773	2.814	HH	2641	31531	0.01%	0.000%
13	2.821	2.814	2.831	HH	971	7852	0.00%	0.000%
14	2.839	2.831	2.859	HH	730	6680	0.00%	0.000%
15	2.907	2.859	2.938	HH	12409	161487	0.04%	0.001%
16	2.946	2.938	2.973	HH	2119	24833	0.01%	0.000%
17	2.988	2.973	3.058	HH	30954	462325	0.12%	0.002%
18	3.081	3.058	3.093	HH	3876	57062	0.01%	0.000%
19	3.105	3.093	3.118	HH	3600	35788	0.01%	0.000%
20	3.133	3.118	3.138	HH	4985	37755	0.01%	0.000%
21	3.152	3.138	3.168	HH	14249	161957	0.04%	0.001%
22	3.178	3.168	3.196	HH	9404	112892	0.03%	0.000%
23	3.210	3.196	3.242	HH	22937	263016	0.07%	0.001%
24	3.267	3.242	3.280	HH	22843	238362	0.06%	0.001%
25	3.290	3.280	3.325	HH	12416	153626	0.04%	0.001%
26	3.336	3.325	3.373	HH	3543	56500	0.01%	0.000%
27	3.388	3.373	3.402	HH	3274	39916	0.01%	0.000%
28	3.415	3.402	3.424	HH	5955	55837	0.01%	0.000%
29	3.441	3.424	3.450	HH	22336	198344	0.05%	0.001%
30	3.459	3.450	3.475	HH	25320	236262	0.06%	0.001%
31	3.489	3.475	3.527	HH	10360	142742	0.04%	0.001%
32	3.565	3.527	3.576	HH	7971	120684	0.03%	0.000%
33	3.589	3.576	3.608	HH	25522	245272	0.06%	0.001%
34	3.629	3.608	3.648	HH	6130	118306	0.03%	0.000%
35	3.654	3.648	3.667	HH	4019	37164	0.01%	0.000%
36	3.681	3.667	3.690	HH	9374	84608	0.02%	0.000%

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37	3.705	3.690	3.727	HH	46705	468540	0.12%	0.002%
38	3.740	3.727	3.790	HH	23541	371701	0.09%	0.001%
39	3.810	3.790	3.819	HH	9452	117219	0.03%	0.000%
40	3.827	3.819	3.833	HH	8360	65720	0.02%	0.000%
41	3.840	3.833	3.852	HH	8608	83747	0.02%	0.000%
42	3.867	3.852	3.872	HH	12489	116431	0.03%	0.000%
43	3.879	3.872	3.894	HH	12424	129901	0.03%	0.000%
44	3.905	3.894	3.918	HH	10050	109041	0.03%	0.000%
45	3.945	3.918	3.958	HH	36566	436671	0.11%	0.002%
46	3.965	3.958	4.007	HH	19320	319858	0.08%	0.001%
47	4.029	4.007	4.075	HH	29453	521010	0.13%	0.002%
48	4.103	4.075	4.114	HH	14660	224270	0.06%	0.001%
49	4.131	4.114	4.157	HH	21751	438671	0.11%	0.002%
50	4.169	4.157	4.181	HH	20236	238597	0.06%	0.001%
51	4.200	4.181	4.246	HH	29387	627326	0.16%	0.002%
52	4.282	4.246	4.300	HH	105311	1423756	0.36%	0.005%
53	4.308	4.300	4.336	HH	42353	633883	0.16%	0.002%
54	4.346	4.336	4.359	HH	20707	233691	0.06%	0.001%
55	4.366	4.359	4.388	HH	16425	205602	0.05%	0.001%
56	4.420	4.388	4.437	HH	24742	474643	0.12%	0.002%
57	4.460	4.437	4.483	HH	27109	523316	0.13%	0.002%
58	4.505	4.483	4.539	HH	450929	4286548	1.08%	0.016%
59	4.561	4.539	4.577	HH	46463	661952	0.17%	0.002%
60	4.589	4.577	4.610	HH	35101	507180	0.13%	0.002%
61	4.619	4.610	4.636	HH	18918	229608	0.06%	0.001%
62	4.668	4.636	4.689	HH	30546	709161	0.18%	0.003%
63	4.703	4.689	4.745	HH	51357	1042965	0.26%	0.004%
64	4.756	4.745	4.769	HH	26178	319806	0.08%	0.001%
65	4.787	4.769	4.805	HH	51894	673020	0.17%	0.003%
66	4.824	4.805	4.828	HH	32542	368176	0.09%	0.001%
67	4.833	4.828	4.859	HH	32550	531641	0.13%	0.002%
68	4.873	4.859	4.882	HH	34551	413845	0.10%	0.002%
69	4.894	4.882	4.922	HH	48115	881879	0.22%	0.003%
70	4.936	4.922	4.955	HH	36598	591588	0.15%	0.002%
71	4.977	4.955	4.999	HH	92122	1405430	0.35%	0.005%
72	5.027	4.999	5.037	HH	35585	691184	0.17%	0.003%
73	5.048	5.037	5.080	HH	32545	700771	0.18%	0.003%
74	5.110	5.080	5.121	HH	37267	720807	0.18%	0.003%
75	5.130	5.121	5.140	HH	34328	369777	0.09%	0.001%
76	5.157	5.140	5.183	HH	56924	1186436	0.30%	0.004%
77	5.223	5.183	5.263	HH	114877	3064273	0.77%	0.011%
78	5.270	5.263	5.285	HH	45596	510077	0.13%	0.002%
79	5.316	5.285	5.328	HH	37371	846349	0.21%	0.003%
80	5.344	5.328	5.357	HH	53480	720650	0.18%	0.003%
81	5.377	5.357	5.393	HH	56948	1074374	0.27%	0.004%
82	5.431	5.393	5.472	HH	237050	4566409	1.15%	0.017%
83	5.484	5.472	5.516	HH	59101	1370966	0.35%	0.005%
84	5.542	5.516	5.553	HH	100656	1440399	0.36%	0.005%
85	5.570	5.553	5.583	HH	118535	1685318	0.42%	0.006%
86	5.601	5.583	5.648	HH	179138	3265151	0.82%	0.012%
87	5.668	5.648	5.684	HH	67606	1275830	0.32%	0.005%
88	5.692	5.684	5.700	HH	54493	499030	0.13%	0.002%
89	5.732	5.700	5.769	HH	157685	4072986	1.03%	0.015%

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90	5.786	5.769	5.795	HH	76733	1105762	0.28%	0.004%
91	5.803	5.795	5.814	HH	76731	815442	0.21%	0.003%
92	5.839	5.814	5.875	HH	138707	3128091	0.79%	0.012%
93	5.890	5.875	5.903	HH	97322	1343955	0.34%	0.005%
94	5.926	5.903	5.977	HH	222851	5274739	1.33%	0.020%
95	5.990	5.977	5.994	HH	75495	760147	0.19%	0.003%
96	6.009	5.994	6.021	HH	89578	1345665	0.34%	0.005%
97	6.057	6.021	6.082	HH	280816	5173372	1.30%	0.019%
98	6.094	6.082	6.109	HH	105927	1490857	0.38%	0.006%
99	6.140	6.109	6.154	HH	152462	3104424	0.78%	0.012%
100	6.163	6.154	6.172	HH	130012	1349869	0.34%	0.005%
101	6.190	6.172	6.215	HH	246370	4148151	1.04%	0.015%
102	6.237	6.215	6.258	HH	256904	4517518	1.14%	0.017%
103	6.286	6.258	6.305	HH	184361	4475145	1.13%	0.017%
104	6.333	6.305	6.350	HH	212300	4516427	1.14%	0.017%
105	6.365	6.350	6.385	HH	164072	2912343	0.73%	0.011%
106	6.399	6.385	6.420	HH	143505	2687806	0.68%	0.010%
107	6.454	6.420	6.464	HH	231766	4859492	1.22%	0.018%
108	6.480	6.464	6.498	HH	362448	5476114	1.38%	0.020%
109	6.528	6.498	6.543	HH	515612	7709024	1.94%	0.029%
110	6.550	6.543	6.564	HH	188509	2224840	0.56%	0.008%
111	6.579	6.564	6.603	HH	236828	4287786	1.08%	0.016%
112	6.621	6.603	6.633	HH	293922	3971891	1.00%	0.015%
113	6.638	6.633	6.651	HH	219780	2207615	0.56%	0.008%
114	6.684	6.651	6.699	HH	263540	6351691	1.60%	0.024%
115	6.721	6.699	6.745	HH	258580	6044196	1.52%	0.023%
116	6.751	6.745	6.759	HH	185122	1529654	0.39%	0.006%
117	6.763	6.759	6.766	HH	181797	791157	0.20%	0.003%
118	6.787	6.766	6.813	HH	262823	6193495	1.56%	0.023%
119	6.823	6.813	6.827	HH	197472	1614168	0.41%	0.006%
120	6.854	6.827	6.871	HH	280835	6335663	1.59%	0.024%
121	6.894	6.871	6.909	HH	264775	5398219	1.36%	0.020%
122	6.938	6.909	6.955	HH	390595	8079111	2.03%	0.030%
123	6.962	6.955	6.971	HH	257493	2457809	0.62%	0.009%
124	6.992	6.971	7.011	HH	351523	6978090	1.76%	0.026%
125	7.031	7.011	7.036	HH	296587	4246737	1.07%	0.016%
126	7.053	7.036	7.066	HH	306633	5317269	1.34%	0.020%
127	7.092	7.066	7.111	HH	358983	8715919	2.19%	0.032%
128	7.122	7.111	7.127	HH	308866	2923119	0.74%	0.011%
129	7.143	7.127	7.156	HH	343325	5628322	1.42%	0.021%
130	7.185	7.156	7.200	HH	392547	9829645	2.47%	0.037%
131	7.210	7.200	7.221	HH	357379	4355305	1.10%	0.016%
132	7.241	7.221	7.276	HH	395741	12287846	3.09%	0.046%
133	7.281	7.276	7.296	HH	350345	4059918	1.02%	0.015%
134	7.330	7.296	7.339	HH	390905	9490194	2.39%	0.035%
135	7.354	7.339	7.366	HH	404173	6256451	1.57%	0.023%
136	7.374	7.366	7.389	HH	381850	5183271	1.30%	0.019%
137	7.418	7.389	7.429	HH	391001	9154820	2.30%	0.034%
138	7.445	7.429	7.453	HH	442201	6102910	1.54%	0.023%
139	7.466	7.453	7.483	HH	463164	7966460	2.01%	0.030%
140	7.501	7.483	7.512	HH	476015	8027015	2.02%	0.030%
141	7.544	7.512	7.551	HH	488279	11247918	2.83%	0.042%

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142	7.625	7.551	7.632	HH	542103	24680888	6.21%	0.092%
143	7.659	7.632	7.666	HH	558530	11226582	2.83%	0.042%
144	7.670	7.666	7.678	HH	555548	3984259	1.00%	0.015%
145	7.689	7.678	7.697	HH	556954	6254465	1.57%	0.023%
146	7.713	7.697	7.719	HH	568956	7645042	1.92%	0.028%
147	7.767	7.719	7.787	HH	607867	23998361	6.04%	0.089%
148	7.805	7.787	7.813	HH	617325	9636295	2.43%	0.036%
149	7.817	7.813	7.822	HH	613815	3190036	0.80%	0.012%
150	7.838	7.822	7.845	HH	627516	8670664	2.18%	0.032%
151	7.848	7.845	7.857	HH	626362	4564505	1.15%	0.017%
152	7.913	7.857	7.917	HH	681825	23413033	5.89%	0.087%
153	7.948	7.917	7.958	HH	715864	17133872	4.31%	0.064%
154	8.028	7.958	8.033	HH	768935	32846811	8.27%	0.122%
155	8.095	8.033	8.099	HH	870865	32545658	8.19%	0.121%
156	8.106	8.099	8.114	HH	873625	7818164	1.97%	0.029%
157	8.162	8.114	8.166	HH	921967	27643133	6.96%	0.103%
158	8.181	8.166	8.186	HH	930557	11038640	2.78%	0.041%
159	8.191	8.186	8.196	HH	936093	5708206	1.44%	0.021%
160	8.222	8.196	8.230	HH	974767	19511205	4.91%	0.073%
161	8.235	8.230	8.241	HH	968503	6221129	1.57%	0.023%
162	8.257	8.241	8.265	HH	984275	14083535	3.55%	0.052%
163	8.276	8.265	8.284	HH	994415	11369710	2.86%	0.042%
164	8.299	8.284	8.304	HH	1003547	12047502	3.03%	0.045%
165	8.360	8.304	8.365	HH	1090161	38522738	9.70%	0.144%
166	8.394	8.365	8.400	HH	1119556	23109680	5.82%	0.086%
167	8.422	8.400	8.426	HH	1155357	17429056	4.39%	0.065%
168	8.515	8.426	8.519	HH	1698489	80999391	20.39%	0.302%
169	8.532	8.519	8.538	HH	1740628	19475888	4.90%	0.073%
170	8.548	8.538	8.555	HH	1742320	17649391	4.44%	0.066%
171	8.570	8.555	8.574	HH	1791413	19793477	4.98%	0.074%
172	8.589	8.574	8.607	HH	1815860	36074369	9.08%	0.134%
173	8.626	8.607	8.632	HH	1817130	26456919	6.66%	0.099%
174	8.636	8.632	8.698	HH	1803995	67764054	17.06%	0.253%
175	8.703	8.698	8.715	HH	1627032	16772808	4.22%	0.063%
176	8.722	8.715	8.728	HH	1609287	12333265	3.10%	0.046%
177	8.735	8.728	8.763	HH	1607841	33830072	8.52%	0.126%
178	8.772	8.763	8.778	HH	1583751	13984054	3.52%	0.052%
179	8.827	8.778	8.832	HH	1721458	53393655	13.44%	0.199%
180	8.842	8.832	8.847	HH	1753891	16287413	4.10%	0.061%
181	8.909	8.847	8.915	HH	1923267	75347680	18.97%	0.281%
182	8.931	8.915	8.937	HH	1959105	24922042	6.27%	0.093%
183	8.980	8.937	8.984	HH	2071839	57890344	14.57%	0.216%
184	9.014	8.984	9.020	HH	2139016	45105448	11.35%	0.168%
185	9.028	9.020	9.032	HH	2169043	15839930	3.99%	0.059%
186	9.039	9.032	9.048	HH	2174794	19896540	5.01%	0.074%
187	9.055	9.048	9.063	HH	2176692	20061999	5.05%	0.075%
188	9.072	9.063	9.085	HH	2195085	28692740	7.22%	0.107%
189	9.108	9.085	9.113	HH	2208162	37275275	9.38%	0.139%
190	9.118	9.113	9.123	HH	2199933	12096143	3.04%	0.045%
191	9.141	9.123	9.150	HH	2224989	36153884	9.10%	0.135%
192	9.165	9.150	9.178	HH	2222317	37764685	9.51%	0.141%
193	9.183	9.178	9.191	HH	2242146	16606314	4.18%	0.062%
194	9.215	9.191	9.225	HH	2259706	46057885	11.59%	0.172%

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195	9.256	9.225	9.260	HH	2317880	47586724	11.98%	0.177%
196	9.279	9.260	9.290	HH	2354632	41895197	10.55%	0.156%
197	9.320	9.290	9.329	HH	2390792	54772581	13.79%	0.204%
198	9.344	9.329	9.352	HH	2411888	33684184	8.48%	0.126%
199	9.359	9.352	9.365	HH	2450426	18029589	4.54%	0.067%
200	9.378	9.365	9.385	HH	2453628	30070880	7.57%	0.112%
201	9.438	9.385	9.443	HH	2577422	86909586	21.88%	0.324%
202	9.511	9.443	9.521	HH	2777699	126069808	31.73%	0.470%
203	9.588	9.521	9.594	HH	3069873	127050532	31.98%	0.474%
204	9.603	9.594	9.610	HH	3094057	28657346	7.21%	0.107%
205	9.638	9.610	9.643	HH	3217271	62990831	15.86%	0.235%
206	9.668	9.643	9.673	HH	3351599	58736546	14.79%	0.219%
207	9.710	9.673	9.715	HH	3476650	84963855	21.39%	0.317%
208	9.752	9.715	9.765	HH	3621557	106901447	26.91%	0.398%
209	9.771	9.765	9.778	HH	3700826	28224315	7.10%	0.105%
210	9.783	9.778	9.792	HH	3747153	31419020	7.91%	0.117%
211	9.828	9.792	9.833	HH	3825886	94123762	23.69%	0.351%
212	9.846	9.833	9.851	HH	3876767	40586789	10.22%	0.151%
213	9.866	9.851	9.873	HH	3935883	51921256	13.07%	0.194%
214	9.880	9.873	9.885	HH	3981486	28089527	7.07%	0.105%
215	9.896	9.885	9.904	HH	3996450	45421409	11.43%	0.169%
216	9.929	9.904	9.933	HH	4082375	68124455	17.15%	0.254%
217	9.936	9.933	9.942	HH	4102161	22659550	5.70%	0.084%
218	9.960	9.942	9.967	HH	4131040	60433051	15.21%	0.225%
219	9.982	9.967	9.987	HH	4182385	50215005	12.64%	0.187%
220	9.994	9.987	10.000	HH	4234115	33571061	8.45%	0.125%
221	10.005	10.000	10.010	HH	4200459	25130264	6.33%	0.094%
222	10.038	10.010	10.042	HH	4325144	81449077	20.50%	0.304%
223	10.076	10.042	10.080	HH	4469766	100047430	25.18%	0.373%
224	10.092	10.080	10.096	HH	4522615	44807103	11.28%	0.167%
225	10.120	10.096	10.126	HH	4591620	79555993	20.03%	0.297%
226	10.132	10.126	10.137	HH	4631011	31133114	7.84%	0.116%
227	10.143	10.137	10.149	HH	4707878	34677887	8.73%	0.129%
228	10.174	10.149	10.185	HH	4802569	101642686	25.59%	0.379%
229	10.195	10.185	10.201	HH	4878799	45906693	11.56%	0.171%
230	10.206	10.201	10.217	HH	4910788	45913162	11.56%	0.171%
231	10.232	10.217	10.247	HH	5004174	89679197	22.57%	0.334%
232	10.268	10.247	10.286	HH	5170636	118116998	29.73%	0.440%
233	10.307	10.286	10.311	HH	5252718	78924114	19.87%	0.294%
234	10.325	10.311	10.330	HH	5343878	60697251	15.28%	0.226%
235	10.371	10.330	10.376	HH	5493292	149937744	37.74%	0.559%
236	10.396	10.376	10.404	HH	5685684	93402266	23.51%	0.348%
237	10.429	10.404	10.436	HH	5842804	108460446	27.30%	0.404%
238	10.467	10.436	10.473	HH	6065409	134129584	33.76%	0.500%
239	10.524	10.473	10.528	HH	6369006	201253860	50.66%	0.750%
240	10.623	10.528	10.627	HH	6977675	397262676	100.00%	1.481%
241	10.650	10.627	10.654	HH	7154947	116452003	29.31%	0.434%
242	10.670	10.654	10.688	HH	7260225	145509739	36.63%	0.542%
243	10.696	10.688	10.700	HH	7315614	52140393	13.12%	0.194%
244	10.728	10.700	10.736	HH	7473551	158299235	39.85%	0.590%
245	10.764	10.736	10.770	HH	7623232	151371469	38.10%	0.564%
246	10.798	10.770	10.804	HH	7771789	158825460	39.98%	0.592%

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247	10.813	10.804	10.817	HH	7823904	61457868	15.47%	0.229%
248	10.874	10.817	10.880	HH	8131272	299957737	75.51%	1.118%
249	10.896	10.880	10.909	HH	8286042	140396726	35.34%	0.523%
250	10.958	10.909	10.965	HH	8591350	284687293	71.66%	1.061%
251	10.989	10.965	10.997	HH	8714804	164138761	41.32%	0.612%
252	11.000	10.997	11.006	HH	8717586	45625056	11.48%	0.170%
253	11.010	11.006	11.014	HH	8739583	43852610	11.04%	0.163%
254	11.025	11.014	11.031	HH	8872395	92132527	23.19%	0.343%
255	11.061	11.031	11.066	HH	9067582	185375317	46.66%	0.691%
256	11.073	11.066	11.078	HH	9134588	64856653	16.33%	0.242%
257	11.093	11.078	11.098	HH	9222374	113064940	28.46%	0.421%
258	11.100	11.098	11.104	HH	9224583	29506108	7.43%	0.110%
259	11.107	11.104	11.110	HH	9237620	35297753	8.89%	0.132%
260	11.118	11.110	11.122	HH	9315456	64522683	16.24%	0.240%
261	11.126	11.122	11.131	HH	9297663	49288631	12.41%	0.184%
262	11.150	11.131	11.166	HH	9402107	198032338	49.85%	0.738%
263	11.178	11.166	11.197	HH	9447750	172190002	43.34%	0.642%
264	11.217	11.197	11.232	HH	9562031	199373950	50.19%	0.743%
265	11.260	11.232	11.268	HH	9750907	205539074	51.74%	0.766%
266	11.272	11.268	11.277	HH	9673915	54167349	13.64%	0.202%
267	11.284	11.277	11.291	HH	9799409	83091922	20.92%	0.310%
268	11.300	11.291	11.305	HH	9826666	78810990	19.84%	0.294%
269	11.325	11.305	11.336	HH	9939893	184741664	46.50%	0.689%
270	11.353	11.336	11.369	HH	10064738	197082858	49.61%	0.735%
271	11.381	11.369	11.386	HH	10077886	102968058	25.92%	0.384%
272	11.399	11.386	11.411	HH	10169146	149472156	37.63%	0.557%
273	11.436	11.411	11.443	HH	10354006	199511950	50.22%	0.744%
274	11.448	11.443	11.454	HH	10353653	62843049	15.82%	0.234%
275	11.470	11.454	11.482	HH	10447295	176797806	44.50%	0.659%
276	11.500	11.482	11.509	HH	10549833	171232888	43.10%	0.638%
277	11.517	11.509	11.523	HH	10604275	88705457	22.33%	0.331%
278	11.534	11.523	11.542	HH	10679212	118359804	29.79%	0.441%
279	11.554	11.542	11.559	HH	10818514	108224711	27.24%	0.403%
280	11.563	11.559	11.568	HH	10762033	62343477	15.69%	0.232%
281	11.589	11.568	11.604	HH	10886066	229240804	57.71%	0.854%
282	11.614	11.604	11.625	HH	10919942	138219418	34.79%	0.515%
283	11.628	11.625	11.638	HH	10900761	86488179	21.77%	0.322%
284	11.650	11.638	11.655	HH	10930243	109545439	27.58%	0.408%
285	11.660	11.655	11.669	HH	10912316	88169234	22.19%	0.329%
286	11.689	11.669	11.704	HH	11061771	229942761	57.88%	0.857%
287	11.715	11.704	11.720	HH	11203320	102564270	25.82%	0.382%
288	11.725	11.720	11.737	HH	11120889	113631789	28.60%	0.424%
289	11.748	11.737	11.756	HH	11099976	124978449	31.46%	0.466%
290	11.761	11.756	11.782	HH	11126603	172151579	43.33%	0.642%
291	11.796	11.782	11.804	HH	11151417	147995108	37.25%	0.552%
292	11.811	11.804	11.816	HH	11145146	78877262	19.86%	0.294%
293	11.826	11.816	11.832	HH	11201274	105126218	26.46%	0.392%
294	11.846	11.832	11.852	HH	11202818	136436788	34.34%	0.509%
295	11.857	11.852	11.865	HH	11200752	85576151	21.54%	0.319%
296	11.868	11.865	11.873	HH	11109440	52581730	13.24%	0.196%
297	11.878	11.873	11.885	HH	11087506	78148332	19.67%	0.291%
298	11.906	11.885	11.914	HH	11157247	192166770	48.37%	0.716%
299	11.929	11.914	11.935	HH	11115184	139632277	35.15%	0.520%

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300	11.952	11.935	11.965	HH	11118522	195767243	49.28%	0.730%
301	11.972	11.965	11.976	HH	11049666	73640962	18.54%	0.274%
302	11.982	11.976	11.989	HH	11060980	83359656	20.98%	0.311%
303	12.000	11.989	12.004	HH	11089181	105847909	26.64%	0.395%
304	12.013	12.004	12.025	HH	11144746	137038423	34.50%	0.511%
305	12.034	12.025	12.044	HH	11198082	127812005	32.17%	0.476%
306	12.051	12.044	12.056	HH	11119536	76319845	19.21%	0.284%
307	12.069	12.056	12.090	HH	11281725	231120515	58.18%	0.861%
308	12.106	12.090	12.113	HH	11214372	150730595	37.94%	0.562%
309	12.117	12.113	12.128	HH	11170627	100440003	25.28%	0.374%
310	12.137	12.128	12.145	HH	11230262	112789740	28.39%	0.420%
311	12.167	12.145	12.172	HH	11312561	180154609	45.35%	0.671%
312	12.176	12.172	12.185	HH	11291660	88318817	22.23%	0.329%
313	12.200	12.185	12.204	HH	11249006	129438693	32.58%	0.482%
314	12.207	12.204	12.212	HH	11253390	49239282	12.39%	0.184%
315	12.223	12.212	12.229	HH	11281527	117613284	29.61%	0.438%
316	12.237	12.229	12.248	HH	11425954	129829458	32.68%	0.484%
317	12.255	12.248	12.258	HH	11368855	67697498	17.04%	0.252%
318	12.269	12.258	12.286	HH	11448421	187451791	47.19%	0.699%
319	12.301	12.286	12.321	HH	11401978	235437723	59.26%	0.878%
320	12.325	12.321	12.332	HH	11542774	76488435	19.25%	0.285%
321	12.337	12.332	12.344	HH	11365058	83912795	21.12%	0.313%
322	12.351	12.344	12.357	HH	11359830	83382686	20.99%	0.311%
323	12.368	12.357	12.377	HH	11372332	141631452	35.65%	0.528%
324	12.382	12.377	12.391	HH	11311027	91110011	22.93%	0.340%
325	12.405	12.391	12.434	HH	11307062	291230817	73.31%	1.085%
326	12.442	12.434	12.476	HH	11266045	275756076	69.41%	1.028%
327	12.481	12.476	12.490	HH	10894066	92006444	23.16%	0.343%
328	12.502	12.490	12.516	HH	10957387	167650475	42.20%	0.625%
329	12.544	12.516	12.550	HH	10949521	218223855	54.93%	0.813%
330	12.553	12.550	12.569	HH	10929129	124686011	31.39%	0.465%
331	12.576	12.569	12.598	HH	10919302	191385281	48.18%	0.713%
332	12.606	12.598	12.615	HH	10783296	109077262	27.46%	0.407%
333	12.619	12.615	12.628	HH	10661965	80615799	20.29%	0.300%
334	12.639	12.628	12.650	HH	10699174	139762879	35.18%	0.521%
335	12.653	12.650	12.661	HH	10603906	71579661	18.02%	0.267%
336	12.671	12.661	12.685	HH	10532146	148461963	37.37%	0.553%
337	12.698	12.685	12.702	HH	10606908	103970418	26.17%	0.388%
338	12.706	12.702	12.718	HH	10639724	100890509	25.40%	0.376%
339	12.724	12.718	12.731	HH	10658826	84301700	21.22%	0.314%
340	12.740	12.731	12.745	HH	10662001	89731706	22.59%	0.334%
341	12.751	12.745	12.779	HH	10677181	214683021	54.04%	0.800%
342	12.784	12.779	12.813	HH	10375569	209469119	52.73%	0.781%
343	12.823	12.813	12.831	HH	10202456	108492148	27.31%	0.404%
344	12.839	12.831	12.843	HH	10238113	73901634	18.60%	0.275%
345	12.852	12.843	12.856	HH	10193219	79161031	19.93%	0.295%
346	12.862	12.856	12.869	HH	10301525	74790094	18.83%	0.279%
347	12.883	12.869	12.907	HH	10424446	233455985	58.77%	0.870%
348	12.922	12.907	12.940	HH	10088427	199531071	50.23%	0.744%
349	12.952	12.940	12.961	HH	9927107	122957140	30.95%	0.458%
350	12.964	12.961	12.970	HH	9836706	53704429	13.52%	0.200%
351	12.975	12.970	12.989	HH	9739159	110106499	27.72%	0.410%

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352	12.998	12.989	13.011	HH	9749198	126748639	31.91%	0.472%
353	13.017	13.011	13.022	HH	9708988	63552576	16.00%	0.237%
354	13.027	13.022	13.036	HH	9815683	81188370	20.44%	0.303%
355	13.040	13.036	13.046	HH	9780358	56589430	14.24%	0.211%
356	13.056	13.046	13.061	HH	9776239	88094239	22.18%	0.328%
357	13.067	13.061	13.090	HH	9754763	167354064	42.13%	0.624%
358	13.094	13.090	13.098	HH	9481177	47245558	11.89%	0.176%
359	13.109	13.098	13.118	HH	9486446	112755070	28.38%	0.420%
360	13.148	13.118	13.184	HH	9497069	367525313	92.51%	1.370%
361	13.189	13.184	13.193	HH	9127318	49869095	12.55%	0.186%
362	13.198	13.193	13.216	HH	9126667	121525778	30.59%	0.453%
363	13.222	13.216	13.238	HH	8901759	114694486	28.87%	0.427%
364	13.248	13.238	13.256	HH	8799134	97341022	24.50%	0.363%
365	13.267	13.256	13.272	HH	8782222	81815935	20.59%	0.305%
366	13.284	13.272	13.291	HH	8870465	100948759	25.41%	0.376%
367	13.297	13.291	13.335	HH	8808769	224946698	56.62%	0.838%
368	13.344	13.335	13.349	HH	8483852	67328304	16.95%	0.251%
369	13.352	13.349	13.361	HH	8482743	62689147	15.78%	0.234%
370	13.365	13.361	13.375	HH	8365065	69525209	17.50%	0.259%
371	13.383	13.375	13.403	HH	8423073	136598542	34.38%	0.509%
372	13.411	13.403	13.420	HH	8088619	84607989	21.30%	0.315%
373	13.423	13.420	13.441	HH	8100740	99325948	25.00%	0.370%
374	13.445	13.441	13.464	HH	8138656	113922061	28.68%	0.425%
375	13.481	13.464	13.497	HH	8014174	157561194	39.66%	0.587%
376	13.502	13.497	13.525	HH	7903602	130048173	32.74%	0.485%
377	13.534	13.525	13.563	HH	7718589	169959046	42.78%	0.633%
378	13.568	13.563	13.572	HH	7475313	40480934	10.19%	0.151%
379	13.578	13.572	13.586	HH	7511512	63252836	15.92%	0.236%
380	13.599	13.586	13.611	HH	7522780	109929326	27.67%	0.410%
381	13.614	13.611	13.626	HH	7417512	66787228	16.81%	0.249%
382	13.635	13.626	13.658	HH	7297572	138923012	34.97%	0.518%
383	13.672	13.658	13.680	HH	7028615	89122605	22.43%	0.332%
384	13.691	13.680	13.700	HH	7050194	85542793	21.53%	0.319%
385	13.707	13.700	13.736	HH	7058421	147954225	37.24%	0.551%
386	13.755	13.736	13.783	HH	6841645	190061944	47.84%	0.708%
387	13.790	13.783	13.801	HH	6658762	69707675	17.55%	0.260%
388	13.808	13.801	13.822	HH	6618892	81866718	20.61%	0.305%
389	13.826	13.822	13.831	HH	6422058	35912229	9.04%	0.134%
390	13.836	13.831	13.843	HH	6476038	43188905	10.87%	0.161%
391	13.848	13.843	13.881	HH	6408277	144355225	36.34%	0.538%
392	13.895	13.881	13.905	HH	6199024	88231638	22.21%	0.329%
393	13.911	13.905	13.918	HH	6069176	46461804	11.70%	0.173%
394	13.933	13.918	13.950	HH	6040227	116295803	29.27%	0.433%
395	13.956	13.950	13.963	HH	5792737	42093166	10.60%	0.157%
396	13.970	13.963	13.979	HH	5760544	56961907	14.34%	0.212%
397	13.984	13.979	14.019	HH	5645814	132612098	33.38%	0.494%
398	14.027	14.019	14.034	HH	5520563	47970756	12.08%	0.179%
399	14.039	14.034	14.064	HH	5436192	95119944	23.94%	0.355%
400	14.074	14.064	14.094	HH	5256956	94906639	23.89%	0.354%
401	14.115	14.094	14.151	HH	5210054	169955579	42.78%	0.633%
402	14.155	14.151	14.169	HH	4817294	51306135	12.91%	0.191%
403	14.175	14.169	14.210	HH	4790502	115571596	29.09%	0.431%
404	14.216	14.210	14.222	HH	4610890	33984757	8.55%	0.127%

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405	14.230	14.222	14.274	HH	4644630	137045258	34.50%	0.511%
406	14.287	14.274	14.293	HH	4239143	48256010	12.15%	0.180%
407	14.310	14.293	14.339	HH	4197608	111596443	28.09%	0.416%
408	14.345	14.339	14.362	HH	3990202	53849697	13.56%	0.201%
409	14.375	14.362	14.379	HH	3928288	40849701	10.28%	0.152%
410	14.384	14.379	14.438	HH	3926672	128840828	32.43%	0.480%
411	14.447	14.438	14.505	HH	3520972	134261599	33.80%	0.500%
412	14.510	14.505	14.515	HH	3142780	18480396	4.65%	0.069%
413	14.523	14.515	14.560	HH	3194263	82277589	20.71%	0.307%
414	14.565	14.560	14.581	HH	2957134	36040676	9.07%	0.134%
415	14.595	14.581	14.618	HH	2956183	63588411	16.01%	0.237%
416	14.628	14.618	14.648	HH	2746158	48973698	12.33%	0.183%
417	14.654	14.648	14.668	HH	2580136	29263301	7.37%	0.109%
418	14.674	14.668	14.688	HH	2540461	29935162	7.54%	0.112%
419	14.694	14.688	14.725	HH	2486202	54221227	13.65%	0.202%
420	14.741	14.725	14.755	HH	2380866	41186500	10.37%	0.154%
421	14.759	14.755	14.770	HH	2240991	20260930	5.10%	0.076%
422	14.772	14.770	14.790	HH	2202338	25380940	6.39%	0.095%
423	14.799	14.790	14.832	HH	2066783	50269886	12.65%	0.187%
424	14.836	14.832	14.851	HH	1935622	22503318	5.66%	0.084%
425	14.857	14.851	14.872	HH	1913120	22746066	5.73%	0.085%
426	14.887	14.872	14.913	HH	1990811	45968413	11.57%	0.171%
427	14.919	14.913	14.950	HH	1721640	36256211	9.13%	0.135%
428	14.954	14.950	14.966	HH	1592378	14951799	3.76%	0.056%
429	14.971	14.966	15.013	HH	1560086	41218271	10.38%	0.154%
430	15.017	15.013	15.048	HH	1418560	29233294	7.36%	0.109%
431	15.071	15.048	15.116	HH	1636799	54110789	13.62%	0.202%
432	15.120	15.116	15.140	HH	1199742	17144202	4.32%	0.064%
433	15.147	15.140	15.174	HH	1152258	22031366	5.55%	0.082%
434	15.190	15.174	15.273	HH	1056935	57868671	14.57%	0.216%
435	15.288	15.273	15.308	HH	886441	17772519	4.47%	0.066%
436	15.315	15.308	15.332	HH	821267	11473929	2.89%	0.043%
437	15.340	15.332	15.383	HH	794320	22769365	5.73%	0.085%
438	15.401	15.383	15.438	HH	708978	22671096	5.71%	0.085%
439	15.442	15.438	15.470	HH	650534	11887270	2.99%	0.044%
440	15.473	15.470	15.498	HH	606497	10325444	2.60%	0.038%
441	15.511	15.498	15.528	HH	598232	10309433	2.60%	0.038%
442	15.533	15.528	15.577	HH	589932	16357808	4.12%	0.061%
443	15.582	15.577	15.589	HH	534586	3984551	1.00%	0.015%
444	15.593	15.589	15.686	HH	528479	26914870	6.78%	0.100%
445	15.690	15.686	15.709	HH	408992	5661874	1.43%	0.021%
446	15.711	15.709	15.758	HH	401443	11192806	2.82%	0.042%
447	15.762	15.758	15.788	HH	355682	6297125	1.59%	0.023%
448	15.793	15.788	15.815	HH	347611	5508555	1.39%	0.021%
449	15.824	15.815	15.838	HH	327854	4471800	1.13%	0.017%
450	15.843	15.838	15.947	HH	322054	18946876	4.77%	0.071%
451	15.956	15.947	15.976	HH	266477	4565832	1.15%	0.017%
452	15.983	15.976	15.988	HH	255457	1809156	0.46%	0.007%
453	16.015	15.988	16.046	HH	551072	11681298	2.94%	0.044%
454	16.051	16.046	16.108	HH	230921	8028524	2.02%	0.030%
455	16.117	16.108	16.156	HH	213274	5775674	1.45%	0.022%
456	16.167	16.156	16.198	HH	193516	4785843	1.20%	0.018%

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457	16.218	16.198	16.276	HH	193478	8179200	2.06%	0.030%
458	16.303	16.276	16.313	HH	268198	4779624	1.20%	0.018%
459	16.336	16.313	16.360	HH	544530	8872854	2.23%	0.033%
460	16.368	16.360	16.373	HH	148753	1111251	0.28%	0.004%
461	16.380	16.373	16.400	HH	150132	2391189	0.60%	0.009%
462	16.408	16.400	16.450	HH	143391	4103050	1.03%	0.015%
463	16.475	16.450	16.501	HH	137315	3975165	1.00%	0.015%
464	16.511	16.501	16.549	HH	124858	3467167	0.87%	0.013%
465	16.552	16.549	16.561	HH	116591	837496	0.21%	0.003%
466	16.570	16.561	16.592	HH	119289	2093779	0.53%	0.008%
467	16.618	16.592	16.624	HH	118803	2267595	0.57%	0.008%
468	16.629	16.624	16.673	HH	116993	3250309	0.82%	0.012%
469	16.677	16.673	16.691	HH	107122	1186144	0.30%	0.004%
470	16.695	16.691	16.708	HH	103687	997890	0.25%	0.004%
471	16.714	16.708	16.733	HH	101134	1493386	0.38%	0.006%
472	16.738	16.733	16.754	HH	98270	1257910	0.32%	0.005%
473	16.759	16.754	16.764	HH	94647	570931	0.14%	0.002%
474	16.770	16.764	16.789	HH	95265	1389204	0.35%	0.005%
475	16.812	16.789	16.872	HH	106455	4535844	1.14%	0.017%
476	16.876	16.872	16.881	HH	82106	456206	0.11%	0.002%
477	16.885	16.881	16.898	HH	81246	799982	0.20%	0.003%
478	16.945	16.898	16.970	HH	402636	6924171	1.74%	0.026%
479	16.985	16.970	17.003	HH	84162	1576151	0.40%	0.006%
480	17.016	17.003	17.045	HH	80412	1966307	0.49%	0.007%
481	17.053	17.045	17.059	HH	73593	616509	0.16%	0.002%
482	17.063	17.059	17.078	HH	72540	816059	0.21%	0.003%
483	17.083	17.078	17.090	HH	71042	500869	0.13%	0.002%
484	17.093	17.090	17.109	HH	70853	771344	0.19%	0.003%
485	17.113	17.109	17.116	HH	67295	283169	0.07%	0.001%
486	17.135	17.116	17.143	HH	69833	1137369	0.29%	0.004%
487	17.149	17.143	17.157	HH	68339	539888	0.14%	0.002%
488	17.176	17.157	17.193	HH	68052	1460871	0.37%	0.005%
489	17.211	17.193	17.246	HH	71387	2096007	0.53%	0.008%
490	17.253	17.246	17.259	HH	62391	478275	0.12%	0.002%
491	17.273	17.259	17.308	HH	63911	1799121	0.45%	0.007%
492	17.313	17.308	17.329	HH	61147	770708	0.19%	0.003%
493	17.338	17.329	17.360	HH	59324	1091293	0.27%	0.004%
494	17.385	17.360	17.407	HH	83968	1878988	0.47%	0.007%
495	17.423	17.407	17.443	HH	67159	1333143	0.34%	0.005%
496	17.468	17.443	17.497	HH	68511	1986001	0.50%	0.007%
497	17.524	17.497	17.568	HH	56540	2272794	0.57%	0.008%
498	17.572	17.568	17.581	HH	52120	416472	0.10%	0.002%
499	17.609	17.581	17.630	HH	53615	1505209	0.38%	0.006%
500	17.635	17.630	17.654	HH	50256	719594	0.18%	0.003%
501	17.670	17.654	17.673	HH	50141	582835	0.15%	0.002%
502	17.690	17.673	17.705	HH	50772	956706	0.24%	0.004%
503	17.710	17.705	17.718	HH	49479	364221	0.09%	0.001%
504	17.727	17.718	17.759	HH	49061	1213324	0.31%	0.005%
505	17.762	17.759	17.766	HH	48043	200240	0.05%	0.001%
506	17.777	17.766	17.781	HH	48740	421564	0.11%	0.002%
507	17.824	17.781	17.861	HH	352607	5743603	1.45%	0.021%
508	17.914	17.861	17.938	HH	72205	2401957	0.60%	0.009%
509	17.986	17.938	18.003	HH	51186	1840066	0.46%	0.007%

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510	18.014	18.003	18.044	HH	47306	1136537	0.29%	0.004%
511	18.075	18.044	18.112	HH	61828	2037045	0.51%	0.008%
512	18.161	18.112	18.183	HH	47110	1935794	0.49%	0.007%
513	18.190	18.183	18.216	HH	45854	872783	0.22%	0.003%
514	18.240	18.216	18.276	HH	62979	1780897	0.45%	0.007%
515	18.349	18.276	18.371	HH	55246	2748862	0.69%	0.010%
516	18.379	18.371	18.384	HH	52108	424378	0.11%	0.002%
517	18.389	18.384	18.392	HH	51521	235846	0.06%	0.001%
518	18.405	18.392	18.486	HH	52283	2780282	0.70%	0.010%
519	18.504	18.486	18.521	HH	49361	987194	0.25%	0.004%
520	18.550	18.521	18.586	HH	54241	1841718	0.46%	0.007%
521	18.654	18.586	18.699	HH	353477	6471016	1.63%	0.024%
522	18.752	18.699	18.800	HH	64424	2823588	0.71%	0.011%
523	18.823	18.800	18.841	HH	45065	1057123	0.27%	0.004%
524	18.851	18.841	18.883	HH	43234	1080495	0.27%	0.004%
525	18.920	18.883	18.930	HH	42778	1169469	0.29%	0.004%
526	18.934	18.930	18.942	HH	42154	299553	0.08%	0.001%
527	18.946	18.942	18.971	HH	41542	717427	0.18%	0.003%
528	18.975	18.971	18.991	HH	41343	490440	0.12%	0.002%
529	19.045	18.991	19.069	HH	54069	2091656	0.53%	0.008%
530	19.082	19.069	19.127	HH	44543	1477173	0.37%	0.006%
531	19.196	19.127	19.242	HH	59447	3311018	0.83%	0.012%
532	19.252	19.242	19.275	HH	47022	905751	0.23%	0.003%
533	19.295	19.275	19.325	HH	49492	1422484	0.36%	0.005%
534	19.330	19.325	19.340	HH	44998	401961	0.10%	0.001%
535	19.344	19.340	19.363	HH	44514	594545	0.15%	0.002%
536	19.377	19.363	19.397	HH	47252	943905	0.24%	0.004%
537	19.435	19.397	19.459	HH	291977	4557163	1.15%	0.017%
538	19.471	19.459	19.491	HH	46045	846014	0.21%	0.003%
539	19.538	19.491	19.565	HH	53620	2075332	0.52%	0.008%
540	19.579	19.565	19.603	HH	44521	984923	0.25%	0.004%
541	19.647	19.603	19.668	HH	54893	1804627	0.45%	0.007%
542	19.710	19.668	19.763	HH	57941	2721308	0.69%	0.010%
543	19.770	19.763	19.776	HH	42294	348720	0.09%	0.001%
544	19.805	19.776	19.854	HH	52662	2160960	0.54%	0.008%
545	19.859	19.854	19.891	HH	43996	955736	0.24%	0.004%
546	19.902	19.891	19.906	HH	43338	386155	0.10%	0.001%
547	19.918	19.906	19.928	HH	43539	577386	0.15%	0.002%
548	19.938	19.928	19.949	HH	43370	545898	0.14%	0.002%
549	19.955	19.949	19.964	HH	42805	379754	0.10%	0.001%
550	19.983	19.964	20.005	HH	43651	1057083	0.27%	0.004%
551	20.020	20.005	20.024	HH	43362	495257	0.12%	0.002%
552	20.055	20.024	20.059	HH	46429	935141	0.24%	0.003%
553	20.064	20.059	20.101	HH	46629	1122169	0.28%	0.004%
554	20.122	20.101	20.136	HH	44151	930182	0.23%	0.003%
555	20.172	20.136	20.228	HH	270262	5159959	1.30%	0.019%
556	20.252	20.228	20.275	HH	49240	1321441	0.33%	0.005%
557	20.291	20.275	20.312	HH	46767	1016275	0.26%	0.004%
558	20.344	20.312	20.370	HH	49482	1608408	0.40%	0.006%
559	20.392	20.370	20.398	HH	45739	763140	0.19%	0.003%
560	20.431	20.398	20.450	HH	46954	1424797	0.36%	0.005%
561	20.463	20.450	20.488	HH	45674	1006318	0.25%	0.004%

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562	20.525	20.488	20.569	HH	49279	2181743	0.55%	0.008%
563	20.582	20.569	20.592	HH	43284	585270	0.15%	0.002%
564	20.597	20.592	20.611	HH	43374	496382	0.12%	0.002%
565	20.629	20.611	20.641	HH	44481	788014	0.20%	0.003%
566	20.683	20.641	20.736	HH	52763	2646238	0.67%	0.010%
567	20.740	20.736	20.748	HH	42875	300462	0.08%	0.001%
568	20.767	20.748	20.776	HH	42898	726995	0.18%	0.003%
569	20.784	20.776	20.790	HH	42762	361782	0.09%	0.001%
570	20.803	20.790	20.808	HH	42903	447872	0.11%	0.002%
571	20.812	20.808	20.824	HH	42737	419921	0.11%	0.002%
572	20.829	20.824	20.839	HH	42559	372720	0.09%	0.001%
573	20.843	20.839	20.854	HH	42079	390068	0.10%	0.001%
574	20.918	20.854	20.955	HH	211305	4757054	1.20%	0.018%
575	20.961	20.955	20.967	HH	41642	291104	0.07%	0.001%
576	20.970	20.967	20.975	HH	41764	208272	0.05%	0.001%
577	20.986	20.975	21.006	HH	42030	768242	0.19%	0.003%
578	21.011	21.006	21.018	HH	41583	313815	0.08%	0.001%
579	21.026	21.018	21.030	HH	41446	292608	0.07%	0.001%
580	21.037	21.030	21.044	HH	41668	351041	0.09%	0.001%
581	21.049	21.044	21.057	HH	41509	310780	0.08%	0.001%
582	21.067	21.057	21.089	HH	41854	808721	0.20%	0.003%
583	21.096	21.089	21.102	HH	41342	310837	0.08%	0.001%
584	21.107	21.102	21.114	HH	41269	306815	0.08%	0.001%
585	21.120	21.114	21.131	HH	41157	401131	0.10%	0.001%
586	21.166	21.131	21.187	HH	42902	1424044	0.36%	0.005%
587	21.230	21.187	21.254	HH	47062	1791261	0.45%	0.007%
588	21.258	21.254	21.312	HH	43927	1456825	0.37%	0.005%
589	21.345	21.312	21.383	HH	44867	1768212	0.45%	0.007%
590	21.387	21.383	21.398	HH	40078	369989	0.09%	0.001%
591	21.403	21.398	21.407	HH	39907	218096	0.05%	0.001%
592	21.412	21.407	21.423	HH	39931	366791	0.09%	0.001%
593	21.426	21.423	21.449	HH	39770	633675	0.16%	0.002%
594	21.466	21.449	21.511	HH	39913	1459837	0.37%	0.005%
595	21.525	21.511	21.530	HH	39407	444606	0.11%	0.002%
596	21.541	21.530	21.546	HH	39487	383435	0.10%	0.001%
597	21.549	21.546	21.556	HH	39429	225414	0.06%	0.001%
598	21.587	21.556	21.622	HH	40382	1572460	0.40%	0.006%
599	21.626	21.622	21.643	HH	38997	490906	0.12%	0.002%
600	21.655	21.643	21.662	HH	39016	457526	0.12%	0.002%
601	21.668	21.662	21.688	HH	38903	587712	0.15%	0.002%
602	21.721	21.688	21.735	HH	38942	1102340	0.28%	0.004%
603	21.739	21.735	21.748	HH	38731	308189	0.08%	0.001%
604	21.764	21.748	21.771	HH	38574	508580	0.13%	0.002%
605	21.778	21.771	21.792	HH	38574	489943	0.12%	0.002%
606	21.840	21.792	21.933	HH	159852	5593573	1.41%	0.021%
607	21.940	21.933	21.944	HH	38152	259369	0.07%	0.001%
608	21.948	21.944	21.955	HH	38146	244829	0.06%	0.001%
609	21.976	21.955	21.981	HH	38549	603258	0.15%	0.002%
610	21.990	21.981	22.008	HH	38588	621839	0.16%	0.002%
611	22.012	22.008	22.016	HH	38257	166995	0.04%	0.001%
612	22.020	22.016	22.024	HH	38254	193613	0.05%	0.001%
613	22.038	22.024	22.083	HH	38853	1361695	0.34%	0.005%
614	22.092	22.083	22.097	HH	38020	303160	0.08%	0.001%

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615	22.102	22.097	22.107	HH	37950	237441	0.06%	0.001%
616	22.112	22.107	22.119	HH	37920	274111	0.07%	0.001%
617	22.155	22.119	22.217	HH	39404	2255965	0.57%	0.008%
618	22.222	22.217	22.227	HH	37409	209167	0.05%	0.001%
619	22.253	22.227	22.288	HH	38385	1400106	0.35%	0.005%
620	22.292	22.288	22.302	HH	37333	297682	0.07%	0.001%
621	22.319	22.302	22.323	HH	37296	483688	0.12%	0.002%
622	22.327	22.323	22.342	HH	37297	408890	0.10%	0.002%
623	22.353	22.342	22.357	HH	37249	329108	0.08%	0.001%
624	22.386	22.357	22.437	HH	40330	1850236	0.47%	0.007%
625	22.446	22.437	22.460	HH	37046	516844	0.13%	0.002%
626	22.465	22.460	22.471	HH	36791	238617	0.06%	0.001%
627	22.487	22.471	22.501	HH	36802	660431	0.17%	0.002%
628	22.505	22.501	22.515	HH	36785	302160	0.08%	0.001%
629	22.522	22.515	22.538	HH	36586	520400	0.13%	0.002%
630	22.542	22.538	22.545	HH	36593	146063	0.04%	0.001%
631	22.559	22.545	22.573	HH	36777	623725	0.16%	0.002%
632	22.614	22.573	22.619	HH	37973	1026472	0.26%	0.004%
633	22.632	22.619	22.643	HH	38466	536087	0.13%	0.002%
634	22.648	22.643	22.664	HH	38445	486415	0.12%	0.002%
635	22.669	22.664	22.676	HH	37827	271880	0.07%	0.001%
636	22.707	22.676	22.760	HH	38801	1897054	0.48%	0.007%
637	22.769	22.760	22.788	HH	36298	596967	0.15%	0.002%
638	22.792	22.788	22.822	HH	36165	731498	0.18%	0.003%
639	22.829	22.822	22.840	HH	35879	393601	0.10%	0.001%
640	22.852	22.840	22.858	HH	35844	375641	0.09%	0.001%
641	22.868	22.858	22.873	HH	35860	324632	0.08%	0.001%
642	22.877	22.873	22.898	HH	35869	539164	0.14%	0.002%
643	22.907	22.898	22.913	HH	36064	334879	0.08%	0.001%
644	22.919	22.913	22.930	HH	36061	360318	0.09%	0.001%
645	22.935	22.930	22.954	HH	36005	520591	0.13%	0.002%
646	22.964	22.954	22.982	HH	35914	591879	0.15%	0.002%
647	23.025	22.982	23.084	HH	38696	2276794	0.57%	0.008%
648	23.087	23.084	23.098	HH	35719	285023	0.07%	0.001%
649	23.103	23.098	23.113	HH	35634	337240	0.08%	0.001%
650	23.133	23.113	23.163	HH	35696	1047064	0.26%	0.004%
651	23.189	23.163	23.197	HH	35628	741265	0.19%	0.003%
652	23.213	23.197	23.218	HH	35643	433381	0.11%	0.002%
653	23.236	23.218	23.249	HH	35659	672144	0.17%	0.003%
654	23.256	23.249	23.262	HH	35346	264553	0.07%	0.001%
655	23.265	23.262	23.289	HH	35366	567795	0.14%	0.002%
656	23.296	23.289	23.313	HH	35214	521952	0.13%	0.002%
657	23.325	23.313	23.341	HH	35315	590876	0.15%	0.002%
658	23.348	23.341	23.352	HH	35325	218520	0.06%	0.001%
659	23.355	23.352	23.359	HH	35222	158323	0.04%	0.001%
660	23.365	23.359	23.373	HH	35339	281707	0.07%	0.001%
661	23.385	23.373	23.394	HH	35335	457825	0.12%	0.002%
662	23.398	23.394	23.423	HH	35266	614018	0.15%	0.002%
663	23.436	23.423	23.454	HH	35144	647401	0.16%	0.002%
664	23.466	23.454	23.471	HH	35132	350651	0.09%	0.001%
665	23.483	23.471	23.497	HH	35190	541975	0.14%	0.002%
666	23.511	23.497	23.518	HH	35205	439851	0.11%	0.002%

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667	23.547	23.518	23.553	HH	35602	755715	0.19%	0.003%
668	23.569	23.553	23.581	HH	35732	589454	0.15%	0.002%
669	23.585	23.581	23.620	HH	35475	827742	0.21%	0.003%
670	23.626	23.620	23.667	HH	34992	976025	0.25%	0.004%
671	23.680	23.667	23.705	HH	34963	798544	0.20%	0.003%
672	23.729	23.705	23.732	HH	35069	569122	0.14%	0.002%
673	23.773	23.732	23.843	HH	36853	2350316	0.59%	0.009%
674	23.863	23.843	23.891	HH	34714	1009692	0.25%	0.004%
675	23.896	23.891	23.911	HH	34586	403786	0.10%	0.002%
676	23.917	23.911	23.924	HH	34511	280507	0.07%	0.001%
677	23.948	23.924	23.958	HH	34544	706277	0.18%	0.003%
678	23.964	23.958	23.969	HH	34419	223161	0.06%	0.001%
679	23.983	23.969	23.999	HH	34630	606453	0.15%	0.002%
680	24.018	23.999	24.032	HH	34591	698748	0.18%	0.003%
681	24.039	24.032	24.045	HH	34374	261753	0.07%	0.001%
682	24.055	24.045	24.075	HH	34398	617590	0.16%	0.002%
683	24.103	24.075	24.114	HH	34431	806588	0.20%	0.003%
684	24.122	24.114	24.138	HH	34410	497983	0.13%	0.002%
685	24.149	24.138	24.153	HH	34427	291892	0.07%	0.001%
686	24.159	24.153	24.170	HH	34478	361130	0.09%	0.001%
687	24.178	24.170	24.183	HH	34806	277336	0.07%	0.001%
688	24.199	24.183	24.225	HH	34919	868279	0.22%	0.003%
689	24.230	24.225	24.255	HH	34570	611823	0.15%	0.002%
690	24.264	24.255	24.279	HH	34350	502329	0.13%	0.002%
691	24.283	24.279	24.288	HH	34066	183295	0.05%	0.001%
692	24.294	24.288	24.313	HH	34099	494977	0.12%	0.002%
693	24.317	24.313	24.326	HH	34030	267833	0.07%	0.001%
694	24.332	24.326	24.343	HH	34063	345677	0.09%	0.001%
695	24.347	24.343	24.363	HH	34044	408724	0.10%	0.002%
696	24.369	24.363	24.382	HH	34034	391136	0.10%	0.001%
697	24.389	24.382	24.403	HH	33994	434057	0.11%	0.002%
698	24.417	24.403	24.431	HH	34093	565927	0.14%	0.002%
699	24.436	24.431	24.443	HH	34014	251215	0.06%	0.001%
700	24.448	24.443	24.453	HH	33981	188420	0.05%	0.001%
701	24.457	24.453	24.463	HH	34009	222273	0.06%	0.001%
702	24.467	24.463	24.479	HH	33927	313919	0.08%	0.001%
703	24.482	24.479	24.501	HH	33994	440593	0.11%	0.002%
704	24.526	24.501	24.536	HH	34008	719207	0.18%	0.003%
705	24.543	24.536	24.553	HH	33912	355838	0.09%	0.001%
706	24.562	24.553	24.575	HH	34213	436037	0.11%	0.002%
707	24.629	24.575	24.702	HH	38158	2721767	0.69%	0.010%
708	24.706	24.702	24.712	HH	33868	202934	0.05%	0.001%
709	24.719	24.712	24.727	HH	33973	304373	0.08%	0.001%
710	24.733	24.727	24.756	HH	33837	585092	0.15%	0.002%
711	24.758	24.756	24.770	HH	33660	289466	0.07%	0.001%
712	24.781	24.770	24.800	HHA	33738	615889	0.16%	0.002%
Sum of corrected areas: 26829477956								

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