

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE043018\
Data File : FE026781.D
Signal(s) : FID1B.CH
Acq On : 30 Apr 2018 23:36
Sample : J2616-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE042118.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.791	2.755	2.805	BH	184	505	0.01%	0.000%
2	2.814	2.805	2.856	PH	160	1800	0.05%	0.001%
3	2.863	2.856	2.892	HH	116	1139	0.03%	0.000%
4	2.900	2.892	2.923	PH	117	934	0.02%	0.000%
5	2.937	2.923	2.962	PH	146	1196	0.03%	0.000%
6	2.975	2.962	2.989	PH	238	1972	0.05%	0.001%
7	3.006	2.989	3.045	HH	483	7549	0.20%	0.002%
8	3.082	3.045	3.102	HH	596	9107	0.24%	0.003%
9	3.124	3.102	3.140	HH	522	8009	0.21%	0.002%
10	3.156	3.140	3.171	HH	329	4706	0.12%	0.001%
11	3.189	3.171	3.244	HH	386	10657	0.28%	0.003%
12	3.335	3.244	3.359	HH	615	25755	0.67%	0.008%
13	3.376	3.359	3.405	HH	835	16080	0.42%	0.005%
14	3.507	3.405	3.519	HH	746	36997	0.96%	0.011%
15	3.548	3.519	3.602	HH	911	36014	0.94%	0.011%
16	3.611	3.602	3.626	HH	808	9877	0.26%	0.003%
17	3.652	3.626	3.691	HH	993	26429	0.69%	0.008%
18	3.700	3.691	3.707	HH	758	6799	0.18%	0.002%
19	3.745	3.707	3.798	HH	5469	84039	2.19%	0.025%
20	3.817	3.798	3.855	HH	1480	37968	0.99%	0.011%
21	3.863	3.855	3.895	HH	985	21398	0.56%	0.006%
22	3.903	3.895	3.939	HH	952	21723	0.57%	0.006%
23	3.976	3.939	4.032	HH	3393	89898	2.34%	0.027%
24	4.046	4.032	4.146	HH	1310	76633	1.99%	0.023%
25	4.162	4.146	4.207	HH	1997	50756	1.32%	0.015%
26	4.217	4.207	4.225	HH	1186	12963	0.34%	0.004%
27	4.253	4.225	4.284	HH	1230	40445	1.05%	0.012%
28	4.312	4.284	4.349	HH	1386	48445	1.26%	0.014%
29	4.360	4.349	4.368	HH	1496	15392	0.40%	0.005%
30	4.379	4.368	4.398	HH	1529	25263	0.66%	0.008%
31	4.410	4.398	4.426	HH	1456	22883	0.60%	0.007%
32	4.463	4.426	4.506	HH	1649	69423	1.81%	0.021%
33	4.527	4.506	4.562	HH	6142	92099	2.40%	0.027%
34	4.572	4.562	4.585	HH	1825	22452	0.58%	0.007%
35	4.594	4.585	4.624	HH	1737	35843	0.93%	0.011%
36	4.642	4.624	4.665	HH	1703	38142	0.99%	0.011%

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37	4.672	4.665	4.690	HH	1653	23479	0.61%	0.007%
38	4.710	4.690	4.767	HH	5528	128039	3.33%	0.038%
39	4.782	4.767	4.816	HH	2214	56787	1.48%	0.017%
40	4.826	4.816	4.857	HH	1978	46835	1.22%	0.014%
41	4.867	4.857	4.877	HH	1937	22218	0.58%	0.007%
42	4.955	4.877	4.992	HH	2280	132219	3.44%	0.039%
43	5.009	4.992	5.062	HH	2425	90883	2.37%	0.027%
44	5.102	5.062	5.147	HH	13211	205086	5.34%	0.061%
45	5.172	5.147	5.197	HH	2399	69356	1.81%	0.021%
46	5.206	5.197	5.223	HH	2297	35268	0.92%	0.011%
47	5.232	5.223	5.242	HH	2233	25467	0.66%	0.008%
48	5.256	5.242	5.295	HH	2336	71575	1.86%	0.021%
49	5.317	5.295	5.350	HH	2728	80501	2.10%	0.024%
50	5.362	5.350	5.415	HH	2388	90088	2.34%	0.027%
51	5.492	5.415	5.509	HH	3234	138936	3.62%	0.041%
52	5.530	5.509	5.545	HH	2476	53024	1.38%	0.016%
53	5.573	5.545	5.629	HH	3418	131539	3.42%	0.039%
54	5.652	5.629	5.685	HH	2736	87104	2.27%	0.026%
55	5.707	5.685	5.736	HH	2761	79256	2.06%	0.024%
56	5.754	5.736	5.770	HH	2643	52758	1.37%	0.016%
57	5.780	5.770	5.785	HH	2626	22690	0.59%	0.007%
58	5.794	5.785	5.804	HH	2660	30647	0.80%	0.009%
59	5.827	5.804	5.857	HH	3485	92896	2.42%	0.028%
60	5.869	5.857	5.879	HH	2839	35351	0.92%	0.011%
61	5.897	5.879	5.932	HH	3080	90400	2.35%	0.027%
62	5.943	5.932	5.964	HH	2784	52878	1.38%	0.016%
63	6.005	5.964	6.046	HH	3104	143179	3.73%	0.043%
64	6.075	6.046	6.089	HH	3084	74527	1.94%	0.022%
65	6.196	6.089	6.210	HH	3133	215079	5.60%	0.064%
66	6.230	6.210	6.252	HH	3292	80860	2.10%	0.024%
67	6.262	6.252	6.278	HH	3336	50110	1.30%	0.015%
68	6.293	6.278	6.313	HH	3285	66456	1.73%	0.020%
69	6.354	6.313	6.369	HH	3398	110115	2.87%	0.033%
70	6.382	6.369	6.411	HH	3384	82960	2.16%	0.025%
71	6.440	6.411	6.476	HH	3511	132101	3.44%	0.039%
72	6.488	6.476	6.529	HH	3599	110198	2.87%	0.033%
73	6.573	6.529	6.583	HH	3887	118230	3.08%	0.035%
74	6.602	6.583	6.620	HH	4000	84930	2.21%	0.025%
75	6.637	6.620	6.669	HH	4386	121757	3.17%	0.036%
76	6.693	6.669	6.709	HH	5791	110069	2.86%	0.033%
77	6.720	6.709	6.755	HH	4952	116678	3.04%	0.035%
78	6.771	6.755	6.799	HH	4019	101811	2.65%	0.030%
79	6.806	6.799	6.817	HH	3958	43341	1.13%	0.013%
80	6.844	6.817	6.869	HH	4853	131343	3.42%	0.039%
81	6.887	6.869	6.905	HH	4273	88147	2.29%	0.026%
82	6.920	6.905	6.936	HH	3989	73982	1.93%	0.022%
83	6.958	6.936	6.974	HH	4022	89197	2.32%	0.027%
84	6.996	6.974	7.069	HH	4581	232260	6.05%	0.069%
85	7.079	7.069	7.097	HH	4002	67764	1.76%	0.020%
86	7.117	7.097	7.128	HH	4132	73428	1.91%	0.022%
87	7.146	7.128	7.182	HH	4540	138079	3.59%	0.041%
88	7.217	7.182	7.243	HH	4384	153660	4.00%	0.046%
89	7.253	7.243	7.272	HH	4242	70941	1.85%	0.021%

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90	7.296	7.272	7.319	HH	4327	117877	3.07%	0.035%
91	7.329	7.319	7.345	HH	4233	65438	1.70%	0.019%
92	7.355	7.345	7.389	HH	4262	109446	2.85%	0.033%
93	7.398	7.389	7.421	HH	4336	82155	2.14%	0.024%
94	7.501	7.421	7.522	HH	4668	265065	6.90%	0.079%
95	7.535	7.522	7.549	HH	4559	71723	1.87%	0.021%
96	7.557	7.549	7.588	HH	4570	105796	2.75%	0.032%
97	7.610	7.588	7.618	HH	4550	79534	2.07%	0.024%
98	7.666	7.618	7.679	HH	5446	177342	4.62%	0.053%
99	7.695	7.679	7.718	HH	5424	120074	3.13%	0.036%
100	7.729	7.718	7.777	HH	4962	168680	4.39%	0.050%
101	7.803	7.777	7.829	HH	5168	148922	3.88%	0.044%
102	7.846	7.829	7.865	HH	4887	104791	2.73%	0.031%
103	7.874	7.865	7.892	HH	4885	77634	2.02%	0.023%
104	7.929	7.892	7.952	HH	5301	178276	4.64%	0.053%
105	7.963	7.952	7.970	HH	4921	52120	1.36%	0.016%
106	7.975	7.970	8.032	HH	4883	178219	4.64%	0.053%
107	8.069	8.032	8.095	HH	5123	188591	4.91%	0.056%
108	8.112	8.095	8.145	HH	5197	149210	3.88%	0.044%
109	8.159	8.145	8.212	HH	5097	201258	5.24%	0.060%
110	8.257	8.212	8.307	HH	5278	295234	7.68%	0.088%
111	8.334	8.307	8.349	HH	5702	134999	3.51%	0.040%
112	8.359	8.349	8.368	HH	5368	61178	1.59%	0.018%
113	8.404	8.368	8.422	HH	6779	189456	4.93%	0.056%
114	8.456	8.422	8.466	HH	5655	145602	3.79%	0.043%
115	8.471	8.466	8.480	HH	5577	45534	1.19%	0.014%
116	8.499	8.480	8.519	HH	5725	130133	3.39%	0.039%
117	8.553	8.519	8.567	HH	5704	161412	4.20%	0.048%
118	8.589	8.567	8.607	HH	5732	132808	3.46%	0.040%
119	8.627	8.607	8.645	HH	6171	132910	3.46%	0.040%
120	8.660	8.645	8.682	HH	5878	128849	3.35%	0.038%
121	8.704	8.682	8.731	HH	6119	172547	4.49%	0.051%
122	8.773	8.731	8.784	HH	6562	193944	5.05%	0.058%
123	8.805	8.784	8.835	HH	10801	225598	5.87%	0.067%
124	8.883	8.835	8.939	HH	52972	836963	21.78%	0.249%
125	8.958	8.939	8.987	HH	6841	192635	5.01%	0.057%
126	9.013	8.987	9.031	HH	6598	170540	4.44%	0.051%
127	9.044	9.031	9.062	HH	6518	119233	3.10%	0.036%
128	9.072	9.062	9.082	HH	6407	75599	1.97%	0.023%
129	9.106	9.082	9.148	HH	6718	254412	6.62%	0.076%
130	9.223	9.148	9.234	HH	7159	347626	9.05%	0.104%
131	9.255	9.234	9.281	HH	11662	246836	6.42%	0.074%
132	9.298	9.281	9.323	HH	7858	185458	4.83%	0.055%
133	9.346	9.323	9.375	HH	11045	258752	6.73%	0.077%
134	9.399	9.375	9.425	HH	8147	217144	5.65%	0.065%
135	9.439	9.425	9.452	HH	7064	111607	2.90%	0.033%
136	9.466	9.452	9.478	HH	7155	107665	2.80%	0.032%
137	9.498	9.478	9.515	HH	7453	159285	4.15%	0.047%
138	9.541	9.515	9.559	HH	7743	196001	5.10%	0.058%
139	9.576	9.559	9.608	HH	8388	221314	5.76%	0.066%
140	9.633	9.608	9.672	HH	23897	444696	11.57%	0.133%
141	9.686	9.672	9.702	HH	7651	135058	3.52%	0.040%

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142	9.719	9.702	9.741	HH	8190	180372	4.69%	0.054%
143	9.753	9.741	9.782	HH	7673	187362	4.88%	0.056%
144	9.823	9.782	9.842	HH	7955	275366	7.17%	0.082%
145	9.870	9.842	9.889	HH	7778	212638	5.53%	0.063%
146	9.936	9.889	9.979	HH	8059	422110	10.99%	0.126%
147	10.025	9.979	10.042	HH	10171	333247	8.67%	0.099%
148	10.056	10.042	10.069	HH	9863	149495	3.89%	0.045%
149	10.098	10.069	10.119	HH	9729	267892	6.97%	0.080%
150	10.143	10.119	10.164	HH	10720	250748	6.53%	0.075%
151	10.175	10.164	10.184	HH	9192	105890	2.76%	0.032%
152	10.198	10.184	10.227	HH	10236	235659	6.13%	0.070%
153	10.269	10.227	10.309	HH	11752	444920	11.58%	0.133%
154	10.340	10.309	10.349	HH	9113	205365	5.35%	0.061%
155	10.368	10.349	10.395	HH	9454	258860	6.74%	0.077%
156	10.418	10.395	10.442	HH	29376	445383	11.59%	0.133%
157	10.490	10.442	10.509	HH	9864	381950	9.94%	0.114%
158	10.521	10.509	10.534	HH	9880	145472	3.79%	0.043%
159	10.539	10.534	10.569	HH	9735	197729	5.15%	0.059%
160	10.574	10.569	10.583	HH	9107	77716	2.02%	0.023%
161	10.600	10.583	10.615	HH	9539	178370	4.64%	0.053%
162	10.632	10.615	10.642	HH	9457	149350	3.89%	0.045%
163	10.650	10.642	10.672	HH	9365	166439	4.33%	0.050%
164	10.703	10.672	10.733	HH	9702	346429	9.02%	0.103%
165	10.768	10.733	10.782	HH	11353	295640	7.69%	0.088%
166	10.814	10.782	10.839	HH	15307	411681	10.72%	0.123%
167	10.860	10.839	10.882	HH	11266	273665	7.12%	0.082%
168	10.901	10.882	10.929	HH	12241	304516	7.93%	0.091%
169	10.955	10.929	10.996	HH	11903	425475	11.07%	0.127%
170	11.010	10.996	11.038	HH	10379	256038	6.66%	0.076%
171	11.066	11.038	11.104	HH	12101	447691	11.65%	0.133%
172	11.121	11.104	11.139	HH	12239	242758	6.32%	0.072%
173	11.162	11.139	11.205	HH	28630	603726	15.71%	0.180%
174	11.237	11.205	11.263	HH	16246	442536	11.52%	0.132%
175	11.286	11.263	11.315	HH	12249	368837	9.60%	0.110%
176	11.332	11.315	11.357	HH	14394	308960	8.04%	0.092%
177	11.378	11.357	11.399	HH	11121	273748	7.13%	0.082%
178	11.424	11.399	11.452	HH	11348	348192	9.06%	0.104%
179	11.477	11.452	11.524	HH	17024	567105	14.76%	0.169%
180	11.555	11.524	11.602	HH	13356	574811	14.96%	0.171%
181	11.621	11.602	11.651	HH	12751	344983	8.98%	0.103%
182	11.675	11.651	11.695	HH	13233	315393	8.21%	0.094%
183	11.757	11.695	11.792	HH	11960	672891	17.51%	0.200%
184	11.805	11.792	11.819	HH	11724	188531	4.91%	0.056%
185	11.870	11.819	11.893	HH	23702	643197	16.74%	0.192%
186	11.916	11.893	11.928	HH	12296	251170	6.54%	0.075%
187	11.964	11.928	11.987	HH	16361	483019	12.57%	0.144%
188	11.996	11.987	12.017	HH	12381	225754	5.88%	0.067%
189	12.036	12.017	12.052	HH	12157	251806	6.55%	0.075%
190	12.070	12.052	12.106	HH	13403	410477	10.68%	0.122%
191	12.142	12.106	12.151	HH	12860	339605	8.84%	0.101%
192	12.166	12.151	12.212	HH	13331	479349	12.48%	0.143%
193	12.229	12.212	12.239	HH	13199	212064	5.52%	0.063%
194	12.278	12.239	12.296	HH	14315	466481	12.14%	0.139%

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195	12.312	12.296	12.337	HH	14490	338866	8.82%	0.101%
196	12.359	12.337	12.372	HH	14133	285849	7.44%	0.085%
197	12.435	12.372	12.452	HH	14852	676199	17.60%	0.201%
198	12.469	12.452	12.489	HH	14699	309857	8.06%	0.092%
199	12.544	12.489	12.575	HH	23895	855743	22.27%	0.255%
200	12.598	12.575	12.624	HH	18414	464876	12.10%	0.139%
201	12.650	12.624	12.674	HH	15662	457237	11.90%	0.136%
202	12.691	12.674	12.719	HH	15265	400621	10.43%	0.119%
203	12.784	12.719	12.802	HH	16330	772832	20.12%	0.230%
204	12.823	12.802	12.865	HH	16664	619448	16.12%	0.185%
205	12.884	12.865	12.899	HH	16742	331033	8.62%	0.099%
206	12.915	12.899	12.935	HH	17454	369244	9.61%	0.110%
207	12.966	12.935	12.999	HH	17588	657493	17.11%	0.196%
208	13.015	12.999	13.035	HH	17726	379206	9.87%	0.113%
209	13.076	13.035	13.091	HH	18082	589257	15.34%	0.176%
210	13.112	13.091	13.139	HH	18504	515118	13.41%	0.153%
211	13.190	13.139	13.216	HH	27342	937570	24.40%	0.279%
212	13.256	13.216	13.277	HH	19490	690848	17.98%	0.206%
213	13.315	13.277	13.352	HH	26989	947638	24.67%	0.282%
214	13.371	13.352	13.402	HH	19354	575071	14.97%	0.171%
215	13.443	13.402	13.453	HH	20895	618095	16.09%	0.184%
216	13.465	13.453	13.495	HH	20864	515633	13.42%	0.154%
217	13.513	13.495	13.533	HH	21077	465647	12.12%	0.139%
218	13.559	13.533	13.576	HH	23408	565115	14.71%	0.168%
219	13.590	13.576	13.603	HH	22107	341790	8.90%	0.102%
220	13.626	13.603	13.665	HH	34439	973591	25.34%	0.290%
221	13.686	13.665	13.765	HH	29649	1454029	37.85%	0.433%
222	13.804	13.765	13.832	HH	27977	954867	24.85%	0.285%
223	13.859	13.832	13.905	HH	26136	1074158	27.96%	0.320%
224	13.919	13.905	13.963	HH	24165	817992	21.29%	0.244%
225	14.038	13.963	14.060	HH	28051	1468271	38.22%	0.437%
226	14.083	14.060	14.102	HH	26547	638083	16.61%	0.190%
227	14.146	14.102	14.168	HH	25833	993746	25.87%	0.296%
228	14.186	14.168	14.199	HH	26031	477038	12.42%	0.142%
229	14.209	14.199	14.224	HH	27221	401491	10.45%	0.120%
230	14.242	14.224	14.278	HH	28678	865490	22.53%	0.258%
231	14.300	14.278	14.329	HH	35797	902862	23.50%	0.269%
232	14.340	14.329	14.375	HH	26638	723701	18.84%	0.216%
233	14.395	14.375	14.417	HH	31409	723788	18.84%	0.216%
234	14.462	14.417	14.479	HH	28685	1010795	26.31%	0.301%
235	14.490	14.479	14.509	HH	28690	504718	13.14%	0.150%
236	14.536	14.509	14.546	HH	27705	611641	15.92%	0.182%
237	14.553	14.546	14.579	HH	27716	534434	13.91%	0.159%
238	14.635	14.579	14.675	HH	31179	1682461	43.79%	0.501%
239	14.696	14.675	14.717	HH	29560	737508	19.20%	0.220%
240	14.731	14.717	14.748	HH	29766	531962	13.85%	0.159%
241	14.765	14.748	14.779	HH	29504	541133	14.08%	0.161%
242	14.803	14.779	14.825	HH	30734	825029	21.47%	0.246%
243	14.835	14.825	14.851	HH	29582	446919	11.63%	0.133%
244	14.864	14.851	14.889	HH	29447	668353	17.40%	0.199%
245	14.916	14.889	14.932	HH	29615	758168	19.73%	0.226%
246	14.963	14.932	14.980	HH	33873	905507	23.57%	0.270%

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247	15.035	14.980	15.056	HH	33831	1431954	37.27%	0.427%
248	15.092	15.056	15.129	HH	33081	1375823	35.81%	0.410%
249	15.138	15.129	15.150	HH	30981	389259	10.13%	0.116%
250	15.193	15.150	15.234	HH	32876	1605009	41.78%	0.478%
251	15.247	15.234	15.258	HH	31751	453953	11.82%	0.135%
252	15.301	15.258	15.344	HH	180735	3403694	88.59%	1.014%
253	15.365	15.344	15.385	HH	32377	762319	19.84%	0.227%
254	15.404	15.385	15.422	HH	32546	688666	17.92%	0.205%
255	15.436	15.422	15.446	HH	30753	434389	11.31%	0.129%
256	15.455	15.446	15.467	HH	30800	389244	10.13%	0.116%
257	15.509	15.467	15.534	HH	36991	1332126	34.67%	0.397%
258	15.556	15.534	15.579	HH	41959	971378	25.28%	0.289%
259	15.592	15.579	15.627	HH	32676	915346	23.82%	0.273%
260	15.646	15.627	15.675	HH	32423	925556	24.09%	0.276%
261	15.699	15.675	15.741	HH	33824	1283904	33.42%	0.383%
262	15.756	15.741	15.770	HH	32965	565376	14.72%	0.168%
263	15.777	15.770	15.793	HH	32275	430459	11.20%	0.128%
264	15.804	15.793	15.846	HH	32401	1023615	26.64%	0.305%
265	15.865	15.846	15.877	HH	32563	597045	15.54%	0.178%
266	15.997	15.877	16.009	HH	43214	2993475	77.91%	0.892%
267	16.027	16.009	16.042	HH	45034	851102	22.15%	0.254%
268	16.062	16.042	16.129	HH	49109	2206700	57.44%	0.658%
269	16.142	16.129	16.181	HH	38689	1171683	30.50%	0.349%
270	16.208	16.181	16.282	HH	42967	2239530	58.29%	0.667%
271	16.302	16.282	16.312	HH	34603	622011	16.19%	0.185%
272	16.344	16.312	16.416	HH	36808	2165791	56.37%	0.645%
273	16.427	16.416	16.458	HH	34181	862733	22.46%	0.257%
274	16.476	16.458	16.512	HH	35093	1100378	28.64%	0.328%
275	16.530	16.512	16.554	HH	36566	871610	22.69%	0.260%
276	16.576	16.554	16.587	HH	35281	690949	17.98%	0.206%
277	16.596	16.587	16.625	HH	35305	799635	20.81%	0.238%
278	16.659	16.625	16.682	HH	34365	1144122	29.78%	0.341%
279	16.704	16.682	16.751	HH	35598	1422674	37.03%	0.424%
280	16.774	16.751	16.831	HH	35967	1644903	42.81%	0.490%
281	16.851	16.831	16.918	HH	36659	1813771	47.21%	0.540%
282	16.950	16.918	16.961	HH	34479	887919	23.11%	0.265%
283	16.980	16.961	16.999	HH	37224	816121	21.24%	0.243%
284	17.017	16.999	17.035	HH	37867	800066	20.82%	0.238%
285	17.090	17.035	17.147	HH	39224	2428344	63.21%	0.724%
286	17.180	17.147	17.208	HH	37862	1334230	34.73%	0.398%
287	17.228	17.208	17.286	HH	37022	1708791	44.48%	0.509%
288	17.295	17.286	17.308	HH	35893	468305	12.19%	0.140%
289	17.366	17.308	17.397	HH	35978	1915497	49.86%	0.571%
290	17.417	17.397	17.440	HH	37597	931414	24.24%	0.278%
291	17.482	17.440	17.512	HH	42428	1613099	41.99%	0.481%
292	17.570	17.512	17.591	HH	42347	1823047	47.45%	0.543%
293	17.606	17.591	17.614	HH	36603	492930	12.83%	0.147%
294	17.637	17.614	17.690	HH	37946	1673708	43.56%	0.499%
295	17.724	17.690	17.752	HH	37030	1331022	34.64%	0.397%
296	17.772	17.752	17.802	HH	36935	1105424	28.77%	0.329%
297	17.817	17.802	17.839	HH	37612	812055	21.14%	0.242%
298	17.869	17.839	17.889	HH	37773	1099075	28.61%	0.327%
299	17.898	17.889	17.915	HH	36639	570664	14.85%	0.170%

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300	17.939	17.915	17.974	HH	46131	1392862	36.25%	0.415%
301	17.992	17.974	18.009	HH	37992	787614	20.50%	0.235%
302	18.030	18.009	18.050	HH	40070	934432	24.32%	0.278%
303	18.072	18.050	18.115	HH	38876	1485288	38.66%	0.443%
304	18.129	18.115	18.159	HH	37616	960075	24.99%	0.286%
305	18.172	18.159	18.189	HH	37113	664384	17.29%	0.198%
306	18.217	18.189	18.230	HH	36861	907613	23.62%	0.270%
307	18.241	18.230	18.253	HH	36720	491026	12.78%	0.146%
308	18.269	18.253	18.291	HH	37220	851837	22.17%	0.254%
309	18.307	18.291	18.317	HH	37568	574638	14.96%	0.171%
310	18.340	18.317	18.358	HH	40394	951531	24.77%	0.284%
311	18.379	18.358	18.402	HH	42467	1048681	27.30%	0.312%
312	18.412	18.402	18.422	HH	38290	466044	12.13%	0.139%
313	18.435	18.422	18.450	HH	38537	637102	16.58%	0.190%
314	18.474	18.450	18.495	HH	49713	1130786	29.43%	0.337%
315	18.510	18.495	18.558	HH	38898	1421553	37.00%	0.424%
316	18.607	18.558	18.623	HH	42651	1523071	39.64%	0.454%
317	18.635	18.623	18.652	HH	40184	682335	17.76%	0.203%
318	18.670	18.652	18.702	HH	40476	1180595	30.73%	0.352%
319	18.709	18.702	18.728	HH	37786	576581	15.01%	0.172%
320	18.764	18.728	18.780	HH	43332	1275317	33.19%	0.380%
321	18.804	18.780	18.838	HH	48859	1533415	39.91%	0.457%
322	18.858	18.838	18.885	HH	43069	1185189	30.85%	0.353%
323	18.903	18.885	18.915	HH	43102	776838	20.22%	0.231%
324	18.935	18.915	18.955	HH	43270	1021225	26.58%	0.304%
325	18.977	18.955	19.055	HH	45230	2505296	65.21%	0.746%
326	19.065	19.055	19.090	HH	40980	841848	21.91%	0.251%
327	19.148	19.090	19.175	HH	47389	2172388	56.54%	0.647%
328	19.213	19.175	19.239	HH	46924	1627070	42.35%	0.485%
329	19.250	19.239	19.275	HH	40193	877664	22.84%	0.262%
330	19.285	19.275	19.294	HH	39989	450079	11.71%	0.134%
331	19.320	19.294	19.382	HH	50574	2223917	57.88%	0.663%
332	19.400	19.382	19.416	HH	42614	847281	22.05%	0.252%
333	19.448	19.416	19.500	HH	42070	2051940	53.41%	0.611%
334	19.516	19.500	19.525	HH	40711	625354	16.28%	0.186%
335	19.542	19.525	19.562	HH	41381	898522	23.39%	0.268%
336	19.614	19.562	19.668	HH	46355	2706315	70.44%	0.806%
337	19.695	19.668	19.709	HH	44476	1070561	27.86%	0.319%
338	19.730	19.709	19.750	HH	45779	1102902	28.71%	0.329%
339	19.760	19.750	19.776	HH	44148	678433	17.66%	0.202%
340	19.827	19.776	19.909	HH	46386	3521958	91.67%	1.049%
341	19.915	19.909	19.929	HH	42845	513553	13.37%	0.153%
342	20.002	19.929	20.074	HH	47186	3841995	100.00%	1.145%
343	20.118	20.074	20.155	HH	49252	2217166	57.71%	0.661%
344	20.176	20.155	20.185	HH	43947	771267	20.07%	0.230%
345	20.200	20.185	20.219	HH	44090	906767	23.60%	0.270%
346	20.243	20.219	20.333	HH	45662	3029173	78.84%	0.903%
347	20.377	20.333	20.395	HH	46753	1681862	43.78%	0.501%
348	20.412	20.395	20.425	HH	45622	814230	21.19%	0.243%
349	20.452	20.425	20.475	HH	48730	1397145	36.37%	0.416%
350	20.497	20.475	20.609	HH	45202	3546743	92.32%	1.057%
351	20.625	20.609	20.642	HH	44250	880148	22.91%	0.262%

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352	20.690	20.642	20.728	HH	46971	2314320	60.24%	0.690%
353	20.765	20.728	20.857	HH	45887	3398914	88.47%	1.013%
354	20.906	20.857	20.960	HH	44074	2660726	69.25%	0.793%
355	20.996	20.960	21.068	HH	43180	2749961	71.58%	0.819%
356	21.093	21.068	21.122	HH	42550	1375369	35.80%	0.410%
357	21.143	21.122	21.166	HH	42877	1107964	28.84%	0.330%
358	21.193	21.166	21.216	HH	43128	1284754	33.44%	0.383%
359	21.231	21.216	21.294	HH	42350	1955299	50.89%	0.583%
360	21.314	21.294	21.358	HH	41939	1608521	41.87%	0.479%
361	21.376	21.358	21.416	HH	41943	1439941	37.48%	0.429%
362	21.428	21.416	21.482	HH	41415	1645419	42.83%	0.490%
363	21.505	21.482	21.587	HH	41368	2580173	67.16%	0.769%
364	21.608	21.587	21.635	HH	40767	1161012	30.22%	0.346%
365	21.672	21.635	21.705	HH	41666	1734350	45.14%	0.517%
366	21.714	21.705	21.748	HH	40084	1024384	26.66%	0.305%
367	21.759	21.748	21.789	HH	39795	958730	24.95%	0.286%
368	21.816	21.789	21.849	HH	39820	1429706	37.21%	0.426%
369	21.876	21.849	21.895	HH	39926	1100500	28.64%	0.328%
370	21.907	21.895	21.933	HH	39605	893226	23.25%	0.266%
371	21.946	21.933	21.985	HH	39566	1248934	32.51%	0.372%
372	21.997	21.985	22.015	HH	39443	708171	18.43%	0.211%
373	22.061	22.015	22.129	HH	39906	2692110	70.07%	0.802%
374	22.144	22.129	22.185	HH	39490	1340690	34.90%	0.399%
375	22.218	22.185	22.285	HH	39799	2358921	61.40%	0.703%
376	22.292	22.285	22.339	HH	39027	1241208	32.31%	0.370%
377	22.385	22.339	22.425	HH	39040	2015009	52.45%	0.600%
378	22.438	22.425	22.472	HH	38720	1085084	28.24%	0.323%
379	22.544	22.472	22.555	HH	38905	1935689	50.38%	0.577%
380	22.563	22.555	22.569	HH	38712	311149	8.10%	0.093%
381	22.579	22.569	22.722	HH	38757	3513376	91.45%	1.047%
382	22.735	22.722	22.746	HH	37951	556439	14.48%	0.166%
383	22.778	22.746	22.802	HH	37993	1258469	32.76%	0.375%
384	22.838	22.802	22.918	HH	38616	2656808	69.15%	0.792%
385	22.949	22.918	22.982	HH	37879	1451607	37.78%	0.433%
386	23.045	22.982	23.071	HH	38067	2007940	52.26%	0.598%
387	23.086	23.071	23.152	HH	37956	1836218	47.79%	0.547%
388	23.179	23.152	23.190	HH	37843	858133	22.34%	0.256%
389	23.197	23.190	23.212	HH	37692	506082	13.17%	0.151%
390	23.221	23.212	23.249	HH	37762	827930	21.55%	0.247%
391	23.259	23.249	23.307	HH	37542	1317552	34.29%	0.393%
392	23.319	23.307	23.379	HH	37243	1585854	41.28%	0.473%
393	23.389	23.379	23.409	HH	37017	673881	17.54%	0.201%
394	23.417	23.409	23.444	HH	36953	767881	19.99%	0.229%
395	23.455	23.444	23.468	HH	36977	531221	13.83%	0.158%
396	23.494	23.468	23.505	HH	37019	829624	21.59%	0.247%
397	23.571	23.505	23.612	HH	37216	2370266	61.69%	0.706%
398	23.620	23.612	23.645	HH	36948	735190	19.14%	0.219%
399	23.676	23.645	23.701	HH	36894	1219663	31.75%	0.363%
400	23.722	23.701	23.740	HH	37031	862438	22.45%	0.257%
401	23.771	23.740	23.806	HH	37123	1462146	38.06%	0.436%
402	23.822	23.806	23.912	HH	36995	2336577	60.82%	0.696%
403	23.946	23.912	23.958	HH	36240	992416	25.83%	0.296%
404	23.976	23.958	24.032	HH	36380	1602303	41.70%	0.477%

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405	24.062	24.032	24.072	HH	36020	865882	22.54%	0.258%
406	24.095	24.072	24.109	HH	36077	788923	20.53%	0.235%
407	24.117	24.109	24.126	HH	36176	373801	9.73%	0.111%
408	24.133	24.126	24.145	HH	36160	420332	10.94%	0.125%
409	24.168	24.145	24.182	HH	36293	796002	20.72%	0.237%
410	24.191	24.182	24.209	HH	36179	591825	15.40%	0.176%
411	24.215	24.209	24.225	HH	36154	347011	9.03%	0.103%
412	24.250	24.225	24.332	HH	36135	2295315	59.74%	0.684%
413	24.397	24.332	24.432	HH	36273	2177194	56.67%	0.649%
414	24.441	24.432	24.503	HH	36061	1514984	39.43%	0.451%
415	24.518	24.503	24.591	HH	35972	1891353	49.23%	0.564%
416	24.608	24.591	24.670	HH	35751	1694210	44.10%	0.505%
417	24.684	24.670	24.792	HH	35410	2571454	66.93%	0.766%
418	24.802	24.792	24.824	HH	35168	665212	17.31%	0.198%
419	24.833	24.824	24.843	HH	35166	401155	10.44%	0.120%
420	24.852	24.843	24.858	HH	35080	332445	8.65%	0.099%
421	24.888	24.858	24.903	HH	35274	941846	24.51%	0.281%
422	24.932	24.903	24.955	HH	35161	1102331	28.69%	0.328%
423	24.982	24.955	25.001	HH	35173	961662	25.03%	0.287%
424	25.019	25.001	25.028	HH	35197	575621	14.98%	0.172%
425	25.053	25.028	25.069	HH	35272	853868	22.22%	0.254%
426	25.078	25.069	25.089	HH	35191	419209	10.91%	0.125%
427	25.100	25.089	25.106	HH	35239	372292	9.69%	0.111%
428	25.115	25.106	25.155	HH	35306	1036111	26.97%	0.309%
429	25.167	25.155	25.185	HH	35153	622373	16.20%	0.185%
430	25.207	25.185	25.232	HH	35131	985376	25.65%	0.294%
431	25.250	25.232	25.273	HH	35145	872608	22.71%	0.260%
432	25.306	25.273	25.317	HH	35081	905652	23.57%	0.270%
433	25.329	25.317	25.344	HH	35093	574039	14.94%	0.171%
434	25.360	25.344	25.375	HH	35034	659765	17.17%	0.197%
435	25.381	25.375	25.391	HH	35031	331657	8.63%	0.099%
436	25.401	25.391	25.412	HH	34938	444319	11.56%	0.132%
437	25.433	25.412	25.472	HH	34900	1249634	32.53%	0.372%
438	25.484	25.472	25.496	HH	34746	487288	12.68%	0.145%
439	25.507	25.496	25.555	HH	34676	1238044	32.22%	0.369%
440	25.566	25.555	25.574	HH	34491	391344	10.19%	0.117%
441	25.585	25.574	25.613	HH	34582	806295	20.99%	0.240%
442	25.639	25.613	25.680	HH	34696	1377218	35.85%	0.410%
443	25.693	25.680	25.704	HH	34565	496197	12.92%	0.148%
444	25.721	25.704	25.754	HH	34542	1043599	27.16%	0.311%
445	25.769	25.754	25.845	HH	34541	1887027	49.12%	0.562%
446	25.856	25.845	25.865	HH	34402	402831	10.48%	0.120%
447	25.918	25.865	25.949	HH	34599	1740124	45.29%	0.518%
448	25.976	25.949	25.985	HH	34578	733643	19.10%	0.219%
449	25.992	25.985	26.032	HH	34603	982818	25.58%	0.293%
450	26.043	26.032	26.054	HH	34494	443119	11.53%	0.132%
451	26.072	26.054	26.109	HH	34475	1140593	29.69%	0.340%
452	26.122	26.109	26.158	HH	34447	1005898	26.18%	0.300%
453	26.168	26.158	26.322	HH	34369	3382221	88.03%	1.008%
454	26.335	26.322	26.345	HH	34120	468823	12.20%	0.140%
455	26.361	26.345	26.379	HH	34110	681301	17.73%	0.203%
456	26.393	26.379	26.415	HH	34068	748275	19.48%	0.223%

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457	26.444	26.415	26.455	HH	34130	816989	21.26%	0.243%
458	26.480	26.455	26.492	HH	34241	750242	19.53%	0.224%
459	26.514	26.492	26.592	HH	34165	2036460	53.01%	0.607%
460	26.605	26.592	26.619	HH	33925	549378	14.30%	0.164%
461	26.638	26.619	26.680	HH	34049	1250521	32.55%	0.373%
462	26.693	26.680	26.702	HHA	34078	476419	12.40%	0.142%
						Sum of corrected areas:		335613710

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