

rteres
Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE012218\
Data File : FE025717.D
Signal(s) : FID1B.CH
Acq On : 22 Jan 2018 12:47
Sample : J1212-03 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE010418.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.487	2.461	2.496	BH	132	642	0.00%	0.000%
2	2.502	2.496	2.509	PH	75	191	0.00%	0.000%
3	2.513	2.509	2.524	HH	99	510	0.00%	0.000%
4	2.531	2.524	2.545	HH	153	203	0.00%	0.000%
5	2.551	2.545	2.567	PH	123	250	0.00%	0.000%
6	2.574	2.567	2.583	PH	100	160	0.00%	0.000%
7	2.593	2.583	2.600	PH	183	687	0.00%	0.000%
8	2.604	2.600	2.614	PH	134	-420	-0.00%	-0.000%
9	2.629	2.614	2.640	PH	193	817	0.00%	0.000%
10	2.647	2.640	2.652	HH	209	900	0.00%	0.000%
11	2.660	2.652	2.665	HH	200	845	0.00%	0.000%
12	2.669	2.665	2.681	PH	289	1739	0.00%	0.000%
13	2.688	2.681	2.698	HH	286	2305	0.00%	0.000%
14	2.702	2.698	2.725	HH	404	3862	0.01%	0.000%
15	2.743	2.725	2.771	HH	923	17113	0.02%	0.000%
16	2.777	2.771	2.783	HH	515	3251	0.00%	0.000%
17	2.791	2.783	2.807	HH	901	9245	0.01%	0.000%
18	2.821	2.807	2.826	HH	593	5929	0.01%	0.000%
19	2.830	2.826	2.846	HH	527	5242	0.01%	0.000%
20	2.851	2.846	2.860	HH	548	3643	0.01%	0.000%
21	2.864	2.860	2.875	HH	531	3795	0.01%	0.000%
22	2.895	2.875	2.906	HH	405	5786	0.01%	0.000%
23	2.947	2.906	2.974	HH	1378	32397	0.05%	0.001%
24	2.985	2.974	2.999	HH	931	11375	0.02%	0.000%
25	3.004	2.999	3.010	HH	687	3878	0.01%	0.000%
26	3.033	3.010	3.070	HH	2473	60277	0.08%	0.002%
27	3.073	3.070	3.103	HH	1545	23730	0.03%	0.001%
28	3.121	3.103	3.155	HH	1922	44945	0.06%	0.001%
29	3.190	3.155	3.216	HH	2318	54543	0.08%	0.001%
30	3.221	3.216	3.227	HH	1333	8722	0.01%	0.000%
31	3.232	3.227	3.239	HH	1256	8173	0.01%	0.000%
32	3.259	3.239	3.284	HH	2835	52647	0.07%	0.001%
33	3.313	3.284	3.326	HH	3037	55145	0.08%	0.002%
34	3.337	3.326	3.386	HH	2543	60209	0.08%	0.002%
35	3.389	3.386	3.408	HH	1480	15344	0.02%	0.000%
36	3.412	3.408	3.417	HH	1166	5873	0.01%	0.000%

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37	3.431	3.417	3.443	HH	1364	18686	0.03%	0.001%
38	3.461	3.443	3.470	HH	1533	22827	0.03%	0.001%
39	3.489	3.470	3.569	HH	10323	232333	0.32%	0.006%
40	3.574	3.569	3.579	HH	1359	7766	0.01%	0.000%
41	3.616	3.579	3.631	HH	3170	67879	0.09%	0.002%
42	3.638	3.631	3.658	HH	3250	43189	0.06%	0.001%
43	3.688	3.658	3.719	HH	3326	90209	0.13%	0.002%
44	3.731	3.719	3.740	HH	2600	28062	0.04%	0.001%
45	3.760	3.740	3.793	HH	7074	141022	0.20%	0.004%
46	3.817	3.793	3.841	HH	3890	90512	0.13%	0.002%
47	3.862	3.841	3.906	HH	9144	201288	0.28%	0.006%
48	3.934	3.906	3.974	HH	8524	211042	0.29%	0.006%
49	4.000	3.974	4.022	HH	10007	193317	0.27%	0.005%
50	4.034	4.022	4.056	HH	8618	131388	0.18%	0.004%
51	4.082	4.056	4.128	HH	14779	348374	0.49%	0.010%
52	4.158	4.128	4.170	HH	15017	228532	0.32%	0.006%
53	4.187	4.170	4.211	HH	20273	317619	0.44%	0.009%
54	4.222	4.211	4.238	HH	8853	129070	0.18%	0.004%
55	4.256	4.238	4.297	HH	19351	325206	0.45%	0.009%
56	4.339	4.297	4.359	HH	37465	579188	0.81%	0.016%
57	4.367	4.359	4.395	HH	17958	293379	0.41%	0.008%
58	4.405	4.395	4.448	HH	9106	205391	0.29%	0.006%
59	4.479	4.448	4.499	HH	11248	233748	0.33%	0.006%
60	4.524	4.499	4.541	HH	14121	266581	0.37%	0.007%
61	4.562	4.541	4.600	HH	152471	1759546	2.45%	0.048%
62	4.619	4.600	4.634	HH	24885	358616	0.50%	0.010%
63	4.642	4.634	4.663	HH	19583	264367	0.37%	0.007%
64	4.676	4.663	4.700	HH	13106	221324	0.31%	0.006%
65	4.728	4.700	4.749	HH	19851	424390	0.59%	0.012%
66	4.765	4.749	4.776	HH	23956	308338	0.43%	0.008%
67	4.785	4.776	4.799	HH	22342	264772	0.37%	0.007%
68	4.816	4.799	4.834	HH	72813	803367	1.12%	0.022%
69	4.848	4.834	4.860	HH	39398	456961	0.64%	0.013%
70	4.868	4.860	4.884	HH	28361	354501	0.49%	0.010%
71	4.896	4.884	4.913	HH	27818	373153	0.52%	0.010%
72	4.935	4.913	4.941	HH	34589	445617	0.62%	0.012%
73	4.951	4.941	4.962	HH	42227	454561	0.63%	0.013%
74	4.975	4.962	5.010	HH	44756	979369	1.36%	0.027%
75	5.041	5.010	5.068	HH	60178	1288533	1.79%	0.035%
76	5.085	5.068	5.091	HH	25002	301084	0.42%	0.008%
77	5.109	5.091	5.147	HH	36480	894843	1.25%	0.025%
78	5.172	5.147	5.187	HH	66290	822695	1.15%	0.023%
79	5.206	5.187	5.223	HH	84420	1291809	1.80%	0.036%
80	5.242	5.223	5.276	HH	116194	1978599	2.75%	0.054%
81	5.304	5.276	5.350	HH	121488	2465442	3.43%	0.068%
82	5.362	5.350	5.385	HH	25766	493009	0.69%	0.014%
83	5.406	5.385	5.434	HH	61250	1215480	1.69%	0.033%
84	5.497	5.434	5.514	HH	104655	2927544	4.08%	0.081%
85	5.525	5.514	5.540	HH	54550	778156	1.08%	0.021%
86	5.557	5.540	5.580	HH	61115	1097340	1.53%	0.030%
87	5.609	5.580	5.626	HH	1029175	10529448	14.66%	0.290%
88	5.639	5.626	5.664	HH	144532	2482997	3.46%	0.068%
89	5.673	5.664	5.687	HH	61320	742979	1.03%	0.020%

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90	5.694	5.687	5.711	HH	46247	577127	0.80%	0.016%
91	5.742	5.711	5.751	HH	55969	1092524	1.52%	0.030%
92	5.760	5.751	5.771	HH	52501	578038	0.80%	0.016%
93	5.795	5.771	5.835	HH	221726	4314216	6.01%	0.119%
94	5.851	5.835	5.864	HH	75540	1106802	1.54%	0.030%
95	5.906	5.864	5.935	HH	238419	5881869	8.19%	0.162%
96	5.951	5.935	5.968	HH	200686	2298195	3.20%	0.063%
97	5.990	5.968	6.042	HH	215642	5253267	7.31%	0.144%
98	6.062	6.042	6.087	HH	152095	2548118	3.55%	0.070%
99	6.108	6.087	6.136	HH	182501	3593935	5.00%	0.099%
100	6.164	6.136	6.182	HH	221707	4211060	5.86%	0.116%
101	6.203	6.182	6.226	HH	272401	4161227	5.79%	0.114%
102	6.248	6.226	6.276	HH	373010	5414321	7.54%	0.149%
103	6.307	6.276	6.325	HH	361341	5759410	8.02%	0.158%
104	6.352	6.325	6.367	HH	175186	3603937	5.02%	0.099%
105	6.383	6.367	6.410	HH	211520	4176165	5.81%	0.115%
106	6.431	6.410	6.451	HH	234231	4256440	5.93%	0.117%
107	6.471	6.451	6.490	HH	188007	3319766	4.62%	0.091%
108	6.540	6.490	6.562	HH	389036	8637503	12.03%	0.238%
109	6.607	6.562	6.642	HH	2016029	29618529	41.24%	0.815%
110	6.662	6.642	6.668	HH	116319	1748842	2.44%	0.048%
111	6.687	6.668	6.697	HH	178021	2681909	3.73%	0.074%
112	6.710	6.697	6.720	HH	217201	2529212	3.52%	0.070%
113	6.744	6.720	6.764	HH	738380	9726751	13.54%	0.267%
114	6.796	6.764	6.838	HH	287704	9004145	12.54%	0.248%
115	6.882	6.838	6.899	HH	316661	7917635	11.02%	0.218%
116	6.920	6.899	6.942	HH	374237	6363908	8.86%	0.175%
117	6.953	6.942	6.966	HH	242500	2886060	4.02%	0.079%
118	7.011	6.966	7.029	HH	1022664	14895940	20.74%	0.410%
119	7.042	7.029	7.048	HH	236149	2405388	3.35%	0.066%
120	7.052	7.048	7.061	HH	226385	1640261	2.28%	0.045%
121	7.071	7.061	7.081	HH	236341	2622215	3.65%	0.072%
122	7.098	7.081	7.103	HH	386233	4055353	5.65%	0.112%
123	7.113	7.103	7.139	HH	445397	7606535	10.59%	0.209%
124	7.157	7.139	7.182	HH	537450	9089368	12.66%	0.250%
125	7.201	7.182	7.222	HH	621025	9370171	13.05%	0.258%
126	7.244	7.222	7.282	HH	1038937	18524365	25.79%	0.509%
127	7.305	7.282	7.346	HH	894677	16531353	23.02%	0.455%
128	7.375	7.346	7.392	HH	482800	9011941	12.55%	0.248%
129	7.406	7.392	7.423	HH	360259	5289024	7.36%	0.145%
130	7.452	7.423	7.465	HH	258983	5984396	8.33%	0.165%
131	7.479	7.465	7.484	HH	269722	2820360	3.93%	0.078%
132	7.547	7.484	7.561	HH	2896392	58139432	80.95%	1.599%
133	7.577	7.561	7.592	HH	628305	7986915	11.12%	0.220%
134	7.616	7.592	7.637	HH	465803	9986420	13.90%	0.275%
135	7.646	7.637	7.673	HH	329491	6275371	8.74%	0.173%
136	7.715	7.673	7.727	HH	642567	14817662	20.63%	0.407%
137	7.738	7.727	7.754	HH	641425	8151103	11.35%	0.224%
138	7.763	7.754	7.777	HH	361933	4359793	6.07%	0.120%
139	7.782	7.777	7.794	HH	263883	2524787	3.52%	0.069%
140	7.809	7.794	7.821	HH	369896	4995008	6.95%	0.137%
141	7.851	7.821	7.861	HH	659573	10735217	14.95%	0.295%

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142	7.868	7.861	7.883	HH	559189	6102197	8.50%	0.168%
143	7.894	7.883	7.911	HH	411566	5639360	7.85%	0.155%
144	7.927	7.911	7.941	HH	349665	5669087	7.89%	0.156%
145	7.973	7.941	7.997	HH	650542	16797323	23.39%	0.462%
146	8.010	7.997	8.028	HH	626861	8678870	12.08%	0.239%
147	8.052	8.028	8.073	HH	746136	12692676	17.67%	0.349%
148	8.101	8.073	8.118	HH	907651	14159325	19.71%	0.389%
149	8.153	8.118	8.168	HH	1243098	21846511	30.42%	0.601%
150	8.175	8.168	8.201	HH	698016	9554516	13.30%	0.263%
151	8.230	8.201	8.243	HH	1410775	18774682	26.14%	0.516%
152	8.247	8.243	8.274	HH	613087	9182516	12.79%	0.253%
153	8.284	8.274	8.304	HH	385399	6566451	9.14%	0.181%
154	8.326	8.304	8.338	HH	628505	10073005	14.03%	0.277%
155	8.353	8.338	8.367	HH	925012	12874298	17.93%	0.354%
156	8.382	8.367	8.388	HH	787275	8771578	12.21%	0.241%
157	8.432	8.388	8.447	HH	3314238	59864014	83.35%	1.646%
158	8.458	8.447	8.474	HH	734920	9459223	13.17%	0.260%
159	8.503	8.474	8.509	HH	623748	10482026	14.59%	0.288%
160	8.525	8.509	8.543	HH	715340	12754053	17.76%	0.351%
161	8.550	8.543	8.563	HH	473359	5209328	7.25%	0.143%
162	8.584	8.563	8.601	HH	894173	14990278	20.87%	0.412%
163	8.615	8.601	8.621	HH	614322	7149005	9.95%	0.197%
164	8.649	8.621	8.674	HH	939192	21335599	29.71%	0.587%
165	8.703	8.674	8.719	HH	528849	12715961	17.71%	0.350%
166	8.732	8.719	8.749	HH	458144	7494456	10.43%	0.206%
167	8.771	8.749	8.779	HH	652290	9504145	13.23%	0.261%
168	8.786	8.779	8.798	HH	625205	6839084	9.52%	0.188%
169	8.815	8.798	8.843	HH	774619	17742355	24.70%	0.488%
170	8.858	8.843	8.862	HH	780320	7754071	10.80%	0.213%
171	8.876	8.862	8.888	HH	987496	12895905	17.96%	0.355%
172	8.899	8.888	8.914	HH	908806	12050251	16.78%	0.331%
173	8.954	8.914	8.973	HH	1864240	35003557	48.74%	0.963%
174	8.999	8.973	9.011	HH	835393	13885420	19.33%	0.382%
175	9.025	9.011	9.044	HH	603135	10306477	14.35%	0.283%
176	9.069	9.044	9.099	HH	804485	21139637	29.43%	0.581%
177	9.108	9.099	9.133	HH	598629	10945081	15.24%	0.301%
178	9.150	9.133	9.155	HH	548181	6404038	8.92%	0.176%
179	9.168	9.155	9.172	HH	631616	6299700	8.77%	0.173%
180	9.182	9.172	9.197	HH	686688	9233011	12.86%	0.254%
181	9.263	9.197	9.277	HH	3256798	71709218	99.84%	1.972%
182	9.294	9.277	9.308	HH	865003	13195741	18.37%	0.363%
183	9.320	9.308	9.339	HH	725193	12020929	16.74%	0.331%
184	9.352	9.339	9.365	HH	617036	8977596	12.50%	0.247%
185	9.380	9.365	9.394	HH	584686	9445183	13.15%	0.260%
186	9.408	9.394	9.426	HH	714474	11331908	15.78%	0.312%
187	9.443	9.426	9.461	HH	731902	12987173	18.08%	0.357%
188	9.475	9.461	9.503	HH	664242	15647907	21.79%	0.430%
189	9.542	9.503	9.555	HH	794542	21087517	29.36%	0.580%
190	9.563	9.555	9.581	HH	758276	10201378	14.20%	0.281%
191	9.611	9.581	9.636	HH	1198194	27352487	38.08%	0.752%
192	9.650	9.636	9.667	HH	861006	13933076	19.40%	0.383%
193	9.700	9.667	9.727	HH	1027348	29693524	41.34%	0.817%
194	9.743	9.727	9.760	HH	978058	15579980	21.69%	0.428%

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195	9.773	9.760	9.782	HH	740763	8881313	12.37%	0.244%
196	9.797	9.782	9.832	HH	1014460	21867603	30.45%	0.601%
197	9.841	9.832	9.850	HH	640490	6691506	9.32%	0.184%
198	9.861	9.850	9.887	HH	677238	13232071	18.42%	0.364%
199	9.925	9.887	9.939	HH	659398	19017509	26.48%	0.523%
200	9.971	9.939	9.981	HH	820929	18481552	25.73%	0.508%
201	9.992	9.981	9.999	HH	828103	8617403	12.00%	0.237%
202	10.043	9.999	10.067	HH	3328049	67393021	93.84%	1.853%
203	10.085	10.067	10.092	HH	665237	9638165	13.42%	0.265%
204	10.100	10.092	10.107	HH	658650	5648301	7.86%	0.155%
205	10.121	10.107	10.160	HH	703854	20443747	28.47%	0.562%
206	10.164	10.160	10.172	HH	536158	3695504	5.15%	0.102%
207	10.217	10.172	10.239	HH	734755	26156968	36.42%	0.719%
208	10.247	10.239	10.260	HH	624089	7509491	10.46%	0.207%
209	10.264	10.260	10.273	HH	594195	4685663	6.52%	0.129%
210	10.295	10.273	10.313	HH	693982	14836757	20.66%	0.408%
211	10.371	10.313	10.385	HH	908781	29803353	41.50%	0.820%
212	10.417	10.385	10.445	HH	1586163	39125297	54.48%	1.076%
213	10.459	10.445	10.471	HH	854844	11839213	16.48%	0.326%
214	10.499	10.471	10.533	HH	1060105	30400048	42.33%	0.836%
215	10.555	10.533	10.594	HH	1189822	29845964	41.56%	0.821%
216	10.642	10.594	10.655	HH	756298	24477544	34.08%	0.673%
217	10.681	10.655	10.721	HH	913550	30167372	42.00%	0.830%
218	10.786	10.721	10.800	HH	3126848	71820637	100.00%	1.975%
219	10.807	10.800	10.815	HH	772060	6809790	9.48%	0.187%
220	10.850	10.815	10.891	HH	2059296	52432020	73.00%	1.442%
221	10.904	10.891	10.924	HH	827905	14907625	20.76%	0.410%
222	10.930	10.924	10.955	HH	686001	12881620	17.94%	0.354%
223	10.970	10.955	10.988	HH	700348	13067684	18.19%	0.359%
224	11.018	10.988	11.039	HH	780198	22094294	30.76%	0.608%
225	11.048	11.039	11.056	HH	749202	7619504	10.61%	0.210%
226	11.077	11.056	11.092	HH	911963	18191658	25.33%	0.500%
227	11.104	11.092	11.121	HH	907209	14346245	19.98%	0.395%
228	11.135	11.121	11.141	HH	828121	9115691	12.69%	0.251%
229	11.156	11.141	11.169	HH	989207	15369934	21.40%	0.423%
230	11.176	11.169	11.195	HH	857691	11927761	16.61%	0.328%
231	11.216	11.195	11.232	HH	969835	17339382	24.14%	0.477%
232	11.246	11.232	11.250	HH	746644	8068824	11.23%	0.222%
233	11.268	11.250	11.284	HH	922145	16103776	22.42%	0.443%
234	11.294	11.284	11.307	HH	731499	10038541	13.98%	0.276%
235	11.314	11.307	11.330	HH	693042	9163310	12.76%	0.252%
236	11.352	11.330	11.379	HH	763442	20991265	29.23%	0.577%
237	11.397	11.379	11.406	HH	775715	11796440	16.42%	0.324%
238	11.413	11.406	11.428	HH	764945	9541890	13.29%	0.262%
239	11.487	11.428	11.503	HH	2803989	63493856	88.41%	1.746%
240	11.519	11.503	11.530	HH	779927	12037054	16.76%	0.331%
241	11.566	11.530	11.590	HH	1521931	36036566	50.18%	0.991%
242	11.604	11.590	11.617	HH	734058	11501636	16.01%	0.316%
243	11.621	11.617	11.646	HH	708515	12081243	16.82%	0.332%
244	11.671	11.646	11.688	HH	693594	16907721	23.54%	0.465%
245	11.705	11.688	11.711	HH	704752	9745560	13.57%	0.268%
246	11.725	11.711	11.738	HH	777132	11919603	16.60%	0.328%

rteres								
247	11.757	11.738	11.800	HH	835691	28684691	39.94%	0.789%
248	11.815	11.800	11.839	HH	741431	16061708	22.36%	0.442%
249	11.860	11.839	11.882	HH	927710	20677499	28.79%	0.569%
250	11.897	11.882	11.922	HH	923227	18529391	25.80%	0.510%
251	11.946	11.922	11.967	HH	887093	20229236	28.17%	0.556%
252	11.990	11.967	11.998	HH	710596	12563064	17.49%	0.345%
253	12.012	11.998	12.031	HH	739669	14094606	19.62%	0.388%
254	12.044	12.031	12.076	HH	716014	18239840	25.40%	0.502%
255	12.111	12.076	12.115	HH	851692	17531993	24.41%	0.482%
256	12.154	12.115	12.183	HH	2517130	53092702	73.92%	1.460%
257	12.195	12.183	12.207	HH	705517	9876238	13.75%	0.272%
258	12.216	12.207	12.231	HH	683394	9601749	13.37%	0.264%
259	12.237	12.231	12.254	HH	666569	9224784	12.84%	0.254%
260	12.271	12.254	12.304	HH	657439	18312408	25.50%	0.504%
261	12.330	12.304	12.346	HH	614467	15016691	20.91%	0.413%
262	12.354	12.346	12.374	HH	616664	9971575	13.88%	0.274%
263	12.402	12.374	12.428	HH	736003	21032902	29.29%	0.578%
264	12.436	12.428	12.454	HH	656149	9680478	13.48%	0.266%
265	12.467	12.454	12.487	HH	658992	11840552	16.49%	0.326%
266	12.507	12.487	12.514	HH	641651	10036658	13.97%	0.276%
267	12.519	12.514	12.528	HH	652017	5221749	7.27%	0.144%
268	12.542	12.528	12.558	HH	800786	12590777	17.53%	0.346%
269	12.567	12.558	12.578	HH	602003	7110595	9.90%	0.196%
270	12.593	12.578	12.612	HH	671864	12349428	17.19%	0.340%
271	12.648	12.612	12.663	HH	635595	17801011	24.79%	0.490%
272	12.686	12.663	12.719	HH	632599	19656061	27.37%	0.541%
273	12.785	12.719	12.815	HH	2098071	53160499	74.02%	1.462%
274	12.830	12.815	12.852	HH	621929	12643908	17.60%	0.348%
275	12.872	12.852	12.886	HH	567672	11360026	15.82%	0.312%
276	12.904	12.886	12.963	HH	559690	23694493	32.99%	0.652%
277	12.986	12.963	12.996	HH	495698	9542086	13.29%	0.262%
278	13.017	12.996	13.048	HH	566681	16181533	22.53%	0.445%
279	13.053	13.048	13.068	HH	518777	6261124	8.72%	0.172%
280	13.085	13.068	13.103	HH	522657	10214040	14.22%	0.281%
281	13.123	13.103	13.139	HH	527524	10464946	14.57%	0.288%
282	13.156	13.139	13.169	HH	587834	9225805	12.85%	0.254%
283	13.181	13.169	13.195	HH	554822	7865033	10.95%	0.216%
284	13.205	13.195	13.219	HH	520159	7223385	10.06%	0.199%
285	13.230	13.219	13.238	HH	485221	5407464	7.53%	0.149%
286	13.257	13.238	13.282	HH	541822	12965707	18.05%	0.357%
287	13.299	13.282	13.324	HH	449725	10980416	15.29%	0.302%
288	13.329	13.324	13.346	HH	436416	5730939	7.98%	0.158%
289	13.387	13.346	13.407	HH	1578426	29624409	41.25%	0.815%
290	13.427	13.407	13.450	HH	479270	11662856	16.24%	0.321%
291	13.456	13.450	13.487	HH	455244	9523336	13.26%	0.262%
292	13.502	13.487	13.527	HH	445571	10082944	14.04%	0.277%
293	13.538	13.527	13.544	HH	391205	3988155	5.55%	0.110%
294	13.557	13.544	13.570	HH	406814	6085923	8.47%	0.167%
295	13.601	13.570	13.621	HH	507613	13596239	18.93%	0.374%
296	13.644	13.621	13.660	HH	426773	9468529	13.18%	0.260%
297	13.678	13.660	13.702	HH	413883	10051259	13.99%	0.276%
298	13.714	13.702	13.729	HH	410192	6371532	8.87%	0.175%
299	13.745	13.729	13.774	HH	419910	10483622	14.60%	0.288%

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300	13.793	13.774	13.833	HH	447526	13334425	18.57%	0.367%
301	13.851	13.833	13.861	HH	376154	6146181	8.56%	0.169%
302	13.866	13.861	13.901	HH	369381	8318316	11.58%	0.229%
303	13.919	13.901	13.929	HH	348129	5576830	7.76%	0.153%
304	13.962	13.929	13.998	HH	1189117	23526032	32.76%	0.647%
305	14.014	13.998	14.025	HH	354846	5616504	7.82%	0.154%
306	14.041	14.025	14.068	HH	355500	8445785	11.76%	0.232%
307	14.088	14.068	14.120	HH	328990	9853202	13.72%	0.271%
308	14.135	14.120	14.148	HH	298110	4825242	6.72%	0.133%
309	14.170	14.148	14.174	HH	349547	5039433	7.02%	0.139%
310	14.180	14.174	14.206	HH	356964	6495756	9.04%	0.179%
311	14.214	14.206	14.226	HH	304110	3535286	4.92%	0.097%
312	14.242	14.226	14.264	HH	309168	6704875	9.34%	0.184%
313	14.278	14.264	14.293	HH	288732	4862173	6.77%	0.134%
314	14.308	14.293	14.324	HH	309568	5380508	7.49%	0.148%
315	14.338	14.324	14.345	HH	294929	3726849	5.19%	0.102%
316	14.358	14.345	14.399	HH	312929	8931885	12.44%	0.246%
317	14.418	14.399	14.459	HH	258986	8958522	12.47%	0.246%
318	14.476	14.459	14.485	HH	245909	3846099	5.36%	0.106%
319	14.515	14.485	14.533	HH	854519	13378158	18.63%	0.368%
320	14.546	14.533	14.551	HH	234036	2582597	3.60%	0.071%
321	14.574	14.551	14.593	HH	252999	6126596	8.53%	0.168%
322	14.605	14.593	14.624	HH	246155	4470671	6.22%	0.123%
323	14.629	14.624	14.640	HH	240866	2225557	3.10%	0.061%
324	14.645	14.640	14.684	HH	238703	5895935	8.21%	0.162%
325	14.704	14.684	14.729	HH	248554	6097341	8.49%	0.168%
326	14.742	14.729	14.768	HH	224734	5208032	7.25%	0.143%
327	14.780	14.768	14.808	HH	223990	5006841	6.97%	0.138%
328	14.818	14.808	14.823	HH	201063	1756990	2.45%	0.048%
329	14.850	14.823	14.881	HH	214231	7071585	9.85%	0.194%
330	14.897	14.881	14.915	HH	212199	4030537	5.61%	0.111%
331	14.933	14.915	15.016	HH	195051	10553322	14.69%	0.290%
332	15.045	15.016	15.069	HH	546970	9137766	12.72%	0.251%
333	15.091	15.069	15.116	HH	170633	4725535	6.58%	0.130%
334	15.120	15.116	15.137	HH	165229	1988367	2.77%	0.055%
335	15.145	15.137	15.162	HH	155210	2338127	3.26%	0.064%
336	15.180	15.162	15.210	HH	157904	4349036	6.06%	0.120%
337	15.234	15.210	15.259	HH	155867	4382529	6.10%	0.121%
338	15.268	15.259	15.273	HH	143042	1161179	1.62%	0.032%
339	15.284	15.273	15.335	HH	146465	5231394	7.28%	0.144%
340	15.345	15.335	15.356	HH	135468	1683683	2.34%	0.046%
341	15.371	15.356	15.389	HH	141511	2675878	3.73%	0.074%
342	15.394	15.389	15.403	HH	129233	1034859	1.44%	0.028%
343	15.420	15.403	15.441	HH	132690	2910978	4.05%	0.080%
344	15.453	15.441	15.458	HH	123425	1290754	1.80%	0.035%
345	15.471	15.458	15.530	HH	126577	5172234	7.20%	0.142%
346	15.557	15.530	15.593	HH	313962	6434294	8.96%	0.177%
347	15.600	15.593	15.631	HH	117367	2552394	3.55%	0.070%
348	15.642	15.631	15.692	HH	109766	3776306	5.26%	0.104%
349	15.701	15.692	15.706	HH	96708	810234	1.13%	0.022%
350	15.733	15.706	15.766	HH	103385	3595944	5.01%	0.099%
351	15.771	15.766	15.836	HH	95697	3906567	5.44%	0.107%

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352	15.857	15.836	15.862	HH	97352	1447820	2.02%	0.040%
353	15.871	15.862	15.905	HH	98559	2369953	3.30%	0.065%
354	15.920	15.905	15.935	HH	88057	1548835	2.16%	0.043%
355	15.939	15.935	15.978	HH	85697	2127144	2.96%	0.058%
356	15.981	15.978	15.997	HH	80482	943735	1.31%	0.026%
357	16.011	15.997	16.027	HH	80312	1391454	1.94%	0.038%
358	16.053	16.027	16.081	HH	171488	3455524	4.81%	0.095%
359	16.088	16.081	16.136	HH	80311	2475272	3.45%	0.068%
360	16.141	16.136	16.145	HH	70899	381834	0.53%	0.011%
361	16.151	16.145	16.156	HH	71906	487004	0.68%	0.013%
362	16.160	16.156	16.166	HH	71861	424282	0.59%	0.012%
363	16.171	16.166	16.196	HH	70869	1247799	1.74%	0.034%
364	16.220	16.196	16.243	HH	72414	1948356	2.71%	0.054%
365	16.261	16.243	16.274	HH	71319	1329012	1.85%	0.037%
366	16.278	16.274	16.321	HH	70461	1853558	2.58%	0.051%
367	16.341	16.321	16.347	HH	66962	1011814	1.41%	0.028%
368	16.364	16.347	16.395	HH	70132	1901092	2.65%	0.052%
369	16.411	16.395	16.418	HH	63595	875263	1.22%	0.024%
370	16.432	16.418	16.470	HH	63734	1908489	2.66%	0.052%
371	16.486	16.470	16.497	HH	59779	940902	1.31%	0.026%
372	16.501	16.497	16.508	HH	58948	401562	0.56%	0.011%
373	16.533	16.508	16.592	HH	99937	3296001	4.59%	0.091%
374	16.600	16.592	16.604	HH	55040	414027	0.58%	0.011%
375	16.617	16.604	16.659	HH	55401	1813647	2.53%	0.050%
376	16.694	16.659	16.724	HH	56346	2100249	2.92%	0.058%
377	16.729	16.724	16.744	HH	53727	654194	0.91%	0.018%
378	16.752	16.744	16.764	HH	53345	637354	0.89%	0.018%
379	16.769	16.764	16.798	HH	52746	1034484	1.44%	0.028%
380	16.804	16.798	16.817	HH	51133	589657	0.82%	0.016%
381	16.833	16.817	16.846	HH	51976	885184	1.23%	0.024%
382	16.873	16.846	16.913	HH	50945	1978855	2.76%	0.054%
383	16.920	16.913	16.924	HH	47449	329953	0.46%	0.009%
384	16.931	16.924	16.949	HH	47340	702830	0.98%	0.019%
385	16.998	16.949	17.024	HH	71318	2388898	3.33%	0.066%
386	17.044	17.024	17.058	HH	49513	967011	1.35%	0.027%
387	17.077	17.058	17.102	HH	52095	1280457	1.78%	0.035%
388	17.129	17.102	17.143	HH	45968	1120136	1.56%	0.031%
389	17.148	17.143	17.176	HH	45725	879944	1.23%	0.024%
390	17.197	17.176	17.210	HH	45147	927666	1.29%	0.026%
391	17.218	17.210	17.222	HH	45075	323924	0.45%	0.009%
392	17.228	17.222	17.252	HH	45450	807747	1.12%	0.022%
393	17.270	17.252	17.308	HH	45756	1465416	2.04%	0.040%
394	17.331	17.308	17.350	HH	44172	1082811	1.51%	0.030%
395	17.359	17.350	17.370	HH	43710	520792	0.73%	0.014%
396	17.374	17.370	17.382	HH	43301	329783	0.46%	0.009%
397	17.387	17.382	17.392	HH	42847	254258	0.35%	0.007%
398	17.397	17.392	17.402	HH	42939	239699	0.33%	0.007%
399	17.408	17.402	17.422	HH	43195	512279	0.71%	0.014%
400	17.446	17.422	17.470	HH	60992	1433547	2.00%	0.039%
401	17.496	17.470	17.514	HH	42182	1113832	1.55%	0.031%
402	17.535	17.514	17.553	HH	44196	996293	1.39%	0.027%
403	17.583	17.553	17.613	HH	43380	1502757	2.09%	0.041%
404	17.649	17.613	17.655	HH	41745	1039241	1.45%	0.029%

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405	17.657	17.655	17.664	HH	41598	234891	0.33%	0.006%
406	17.669	17.664	17.686	HH	41705	549566	0.77%	0.015%
407	17.696	17.686	17.701	HH	41298	357388	0.50%	0.010%
408	17.704	17.701	17.719	HH	41141	437063	0.61%	0.012%
409	17.742	17.719	17.766	HH	41342	1159772	1.61%	0.032%
410	17.772	17.766	17.783	HH	41002	416390	0.58%	0.011%
411	17.800	17.783	17.822	HH	42171	964082	1.34%	0.027%
412	17.838	17.822	17.846	HH	41512	600465	0.84%	0.017%
413	17.851	17.846	17.861	HH	41707	371471	0.52%	0.010%
414	17.882	17.861	17.919	HH	54829	1576972	2.20%	0.043%
415	17.925	17.919	17.933	HH	40699	345666	0.48%	0.010%
416	17.976	17.933	18.005	HH	52152	1883816	2.62%	0.052%
417	18.013	18.005	18.017	HH	41339	310213	0.43%	0.009%
418	18.024	18.017	18.029	HH	41360	286055	0.40%	0.008%
419	18.053	18.029	18.071	HH	45678	1101293	1.53%	0.030%
420	18.081	18.071	18.121	HH	43145	1268953	1.77%	0.035%
421	18.141	18.121	18.175	HH	43063	1372667	1.91%	0.038%
422	18.185	18.175	18.193	HH	41978	438889	0.61%	0.012%
423	18.232	18.193	18.248	HH	45271	1441894	2.01%	0.040%
424	18.254	18.248	18.274	HH	43875	675040	0.94%	0.019%
425	18.305	18.274	18.343	HH	58937	1983148	2.76%	0.055%
426	18.350	18.343	18.354	HH	44241	300548	0.42%	0.008%
427	18.421	18.354	18.441	HH	47164	2387456	3.32%	0.066%
428	18.445	18.441	18.470	HH	45373	777151	1.08%	0.021%
429	18.514	18.470	18.531	HH	45845	1659473	2.31%	0.046%
430	18.573	18.531	18.587	HH	46816	1566704	2.18%	0.043%
431	18.615	18.587	18.633	HH	47069	1269695	1.77%	0.035%
432	18.636	18.633	18.640	HH	46766	200804	0.28%	0.006%
433	18.647	18.640	18.667	HH	47105	776525	1.08%	0.021%
434	18.715	18.667	18.764	HH	63535	2945702	4.10%	0.081%
435	18.818	18.764	18.876	HH	66576	3464076	4.82%	0.095%
436	18.898	18.876	18.905	HH	50612	866480	1.21%	0.024%
437	18.932	18.905	18.956	HH	51764	1565235	2.18%	0.043%
438	18.983	18.956	18.991	HH	51542	1079385	1.50%	0.030%
439	19.018	18.991	19.031	HH	52129	1261233	1.76%	0.035%
440	19.036	19.031	19.041	HH	51933	300258	0.42%	0.008%
441	19.062	19.041	19.079	HH	52876	1212914	1.69%	0.033%
442	19.111	19.079	19.164	HH	61589	2803081	3.90%	0.077%
443	19.176	19.164	19.195	HH	53839	1011823	1.41%	0.028%
444	19.233	19.195	19.246	HH	55928	1680101	2.34%	0.046%
445	19.267	19.246	19.282	HH	57584	1205559	1.68%	0.033%
446	19.299	19.282	19.339	HH	58481	1978396	2.75%	0.054%
447	19.363	19.339	19.388	HH	58435	1662322	2.31%	0.046%
448	19.405	19.388	19.428	HH	56918	1366649	1.90%	0.038%
449	19.440	19.428	19.443	HH	57047	537042	0.75%	0.015%
450	19.496	19.443	19.522	HH	62408	2758994	3.84%	0.076%
451	19.550	19.522	19.557	HH	59550	1245902	1.73%	0.034%
452	19.570	19.557	19.575	HH	59458	659552	0.92%	0.018%
453	19.607	19.575	19.634	HH	75488	2350708	3.27%	0.065%
454	19.725	19.634	19.732	HH	66842	3807473	5.30%	0.105%
455	19.782	19.732	19.808	HH	69563	3074917	4.28%	0.085%
456	19.871	19.808	19.916	HH	72347	4532193	6.31%	0.125%

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457	19.928	19.916	19.937	HH	69817	889263	1.24%	0.024%
458	19.945	19.937	19.954	HH	69871	716319	1.00%	0.020%
459	19.959	19.954	19.963	HH	69565	367936	0.51%	0.010%
460	19.967	19.963	19.973	HH	69593	397285	0.55%	0.011%
461	19.978	19.973	19.989	HH	69527	675941	0.94%	0.019%
462	20.023	19.989	20.038	HH	70592	2069493	2.88%	0.057%
463	20.143	20.038	20.160	HH	80053	5384645	7.50%	0.148%
464	20.235	20.160	20.247	HH	81361	4127599	5.75%	0.114%
465	20.270	20.247	20.308	HH	83996	3019248	4.20%	0.083%
466	20.311	20.308	20.316	HH	82564	412470	0.57%	0.011%
467	20.353	20.316	20.374	HH	85346	2919754	4.07%	0.080%
468	20.420	20.374	20.459	HH	85751	4310080	6.00%	0.119%
469	20.465	20.459	20.479	HH	84126	1048939	1.46%	0.029%
470	20.515	20.479	20.575	HH	85014	4798787	6.68%	0.132%
471	20.602	20.575	20.614	HH	84504	1955488	2.72%	0.054%
472	20.641	20.614	20.660	HH	86793	2401452	3.34%	0.066%
473	20.673	20.660	20.697	HH	87028	1897161	2.64%	0.052%
474	20.702	20.697	20.716	HH	86407	996050	1.39%	0.027%
475	20.751	20.716	20.770	HH	87019	2802539	3.90%	0.077%
476	20.776	20.770	20.796	HH	86174	1332110	1.85%	0.037%
477	20.812	20.796	20.882	HH	86389	4405524	6.13%	0.121%
478	20.891	20.882	20.911	HH	84019	1462616	2.04%	0.040%
479	20.926	20.911	20.961	HH	83915	2525058	3.52%	0.069%
480	21.001	20.961	21.006	HH	84743	2259372	3.15%	0.062%
481	21.042	21.006	21.089	HH	85718	4216879	5.87%	0.116%
482	21.111	21.089	21.123	HH	85434	1724555	2.40%	0.047%
483	21.144	21.123	21.174	HH	85801	2658556	3.70%	0.073%
484	21.193	21.174	21.227	HH	85852	2678603	3.73%	0.074%
485	21.249	21.227	21.276	HH	86249	2557618	3.56%	0.070%
486	21.310	21.276	21.364	HH	88207	4517839	6.29%	0.124%
487	21.377	21.364	21.400	HH	84482	1818028	2.53%	0.050%
488	21.415	21.400	21.455	HH	83866	2781970	3.87%	0.077%
489	21.513	21.455	21.527	HH	84330	3591996	5.00%	0.099%
490	21.544	21.527	21.553	HH	85100	1297409	1.81%	0.036%
491	21.574	21.553	21.599	HH	86208	2392147	3.33%	0.066%
492	21.620	21.599	21.646	HH	84855	2366340	3.29%	0.065%
493	21.678	21.646	21.684	HH	84932	1949386	2.71%	0.054%
494	21.689	21.684	21.698	HH	84762	716166	1.00%	0.020%
495	21.728	21.698	21.761	HH	85241	3191264	4.44%	0.088%
496	21.778	21.761	21.789	HH	84317	1423366	1.98%	0.039%
497	21.835	21.789	21.854	HH	84842	3278958	4.57%	0.090%
498	21.868	21.854	21.909	HH	84487	2757805	3.84%	0.076%
499	21.915	21.909	21.918	HH	82678	457619	0.64%	0.013%
500	21.955	21.918	22.027	HH	84373	5430774	7.56%	0.149%
501	22.058	22.027	22.075	HH	82269	2325043	3.24%	0.064%
502	22.094	22.075	22.106	HH	83020	1546478	2.15%	0.043%
503	22.126	22.106	22.139	HH	83433	1659705	2.31%	0.046%
504	22.145	22.139	22.169	HH	83258	1496398	2.08%	0.041%
505	22.199	22.169	22.208	HH	83765	1941208	2.70%	0.053%
506	22.229	22.208	22.268	HH	84007	2978734	4.15%	0.082%
507	22.303	22.268	22.343	HH	84061	3776447	5.26%	0.104%
508	22.378	22.343	22.392	HH	84052	2483853	3.46%	0.068%
509	22.407	22.392	22.460	HH	83827	3401473	4.74%	0.094%

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510	22.466	22.460	22.484	HH	82746	1166747	1.62%	0.032%
511	22.516	22.484	22.538	HH	82955	2674708	3.72%	0.074%
512	22.549	22.538	22.563	HH	81787	1200736	1.67%	0.033%
513	22.566	22.563	22.571	HH	81569	416822	0.58%	0.011%
514	22.579	22.571	22.584	HH	81547	622147	0.87%	0.017%
515	22.646	22.584	22.669	HH	82768	4208860	5.86%	0.116%
516	22.683	22.669	22.716	HH	82171	2300780	3.20%	0.063%
517	22.745	22.716	22.808	HH	83772	4549080	6.33%	0.125%
518	22.821	22.808	22.853	HH	81505	2212456	3.08%	0.061%
519	22.861	22.853	22.891	HH	81036	1820525	2.53%	0.050%
520	22.923	22.891	22.941	HH	80855	2422780	3.37%	0.067%
521	22.957	22.941	22.965	HH	81217	1189753	1.66%	0.033%
522	22.986	22.965	22.997	HH	81699	1572766	2.19%	0.043%
523	23.001	22.997	23.021	HH	81622	1130561	1.57%	0.031%
524	23.053	23.021	23.077	HH	81741	2746848	3.82%	0.076%
525	23.089	23.077	23.120	HH	81436	2108101	2.94%	0.058%
526	23.145	23.120	23.154	HH	81201	1657499	2.31%	0.046%
527	23.173	23.154	23.182	HH	81333	1341937	1.87%	0.037%
528	23.194	23.182	23.204	HH	81658	1097897	1.53%	0.030%
529	23.230	23.204	23.265	HH	82125	2977983	4.15%	0.082%
530	23.288	23.265	23.316	HH	81193	2437687	3.39%	0.067%
531	23.338	23.316	23.342	HH	81063	1297734	1.81%	0.036%
532	23.347	23.342	23.358	HH	81058	759976	1.06%	0.021%
533	23.383	23.358	23.408	HH	81488	2428504	3.38%	0.067%
534	23.427	23.408	23.445	HH	81382	1813062	2.52%	0.050%
535	23.465	23.445	23.474	HH	81695	1411298	1.97%	0.039%
536	23.483	23.474	23.538	HH	81768	3093727	4.31%	0.085%
537	23.558	23.538	23.600	HH	81415	3057877	4.26%	0.084%
538	23.618	23.600	23.623	HH	80849	1086502	1.51%	0.030%
539	23.670	23.623	23.754	HH	81908	6365185	8.86%	0.175%
540	23.760	23.754	23.769	HH	79970	740258	1.03%	0.020%
541	23.802	23.769	23.820	HH	80641	2466418	3.43%	0.068%
542	23.841	23.820	23.865	HH	80969	2139585	2.98%	0.059%
543	23.874	23.865	23.932	HH	80549	3245147	4.52%	0.089%
544	23.950	23.932	23.963	HH	80072	1482289	2.06%	0.041%
545	23.973	23.963	23.991	HH	79860	1331538	1.85%	0.037%
546	24.007	23.991	24.068	HH	79464	3623090	5.04%	0.100%
547	24.105	24.068	24.138	HH	80324	3356943	4.67%	0.092%
548	24.148	24.138	24.172	HH	79741	1652020	2.30%	0.045%
549	24.177	24.172	24.185	HH	79257	611743	0.85%	0.017%
550	24.216	24.185	24.229	HH	79832	2070846	2.88%	0.057%
551	24.240	24.229	24.251	HH	79963	1061088	1.48%	0.029%
552	24.268	24.251	24.278	HH	80276	1282774	1.79%	0.035%
553	24.284	24.278	24.311	HH	80226	1597932	2.22%	0.044%
554	24.345	24.311	24.412	HH	80757	4848650	6.75%	0.133%
555	24.438	24.412	24.443	HH	79530	1469029	2.05%	0.040%
556	24.473	24.443	24.497	HH	80073	2604232	3.63%	0.072%
557	24.507	24.497	24.513	HH	79531	726131	1.01%	0.020%
558	24.539	24.513	24.549	HH	80275	1733001	2.41%	0.048%
559	24.571	24.549	24.580	HH	80442	1521232	2.12%	0.042%
560	24.588	24.580	24.621	HH	80637	1928667	2.69%	0.053%
561	24.630	24.621	24.637	HH	79131	756364	1.05%	0.021%

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562	24.647	24.637	24.658	HH	79209	1027032	1.43%	0.028%
563	24.678	24.658	24.694	HH	79542	1688988	2.35%	0.046%
564	24.709	24.694	24.724	HH	79842	1430221	1.99%	0.039%
565	24.729	24.724	24.747	HH	79553	1092032	1.52%	0.030%
566	24.758	24.747	24.762	HH	79377	753437	1.05%	0.021%
567	24.795	24.762	24.799	HH	81085	1777286	2.47%	0.049%
568	24.833	24.799	24.879	HH	81763	3872311	5.39%	0.106%
569	24.885	24.879	24.957	HH	80040	3708226	5.16%	0.102%
570	24.972	24.957	24.983	HH	79092	1226253	1.71%	0.034%
571	25.024	24.983	25.041	HH	79321	2749969	3.83%	0.076%
572	25.049	25.041	25.102	HH	79121	2881093	4.01%	0.079%
573	25.108	25.102	25.154	HH	77988	2433578	3.39%	0.067%
574	25.170	25.154	25.184	HH	77739	1401009	1.95%	0.039%
					Sum of corrected areas: 3636382957			

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