

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022321\
 Data File : FE033285.D
 Signal(s) : FID1B.CH
 Acq On : 23 Feb 2021 16:07
 Sample : M1449-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE022221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.304	2.252	2.380	BH	-822	-105271	-0.42%	-0.007%
2	2.391	2.380	2.435	PH	-2340	-95028	-0.38%	-0.006%
3	2.454	2.435	2.477	PH	-2659	-76227	-0.30%	-0.005%
4	2.506	2.477	2.542	PH	-1449	-83903	-0.33%	-0.006%
5	2.549	2.542	2.640	PH	-2195	-262366	-1.04%	-0.018%
6	2.643	2.640	2.675	PH	-5547	-119420	-0.47%	-0.008%
7	2.694	2.675	2.788	PH	-2296	-380928	-1.51%	-0.026%
8	2.793	2.788	2.803	PH	-6863	-61534	-0.24%	-0.004%
9	2.808	2.803	2.824	PH	-6874	-88717	-0.35%	-0.006%
10	2.844	2.824	2.854	PH	-4155	-97659	-0.39%	-0.007%
11	2.866	2.854	2.908	PH	-3153	-165134	-0.65%	-0.011%
12	2.923	2.908	2.930	PH	-6027	-84332	-0.33%	-0.006%
13	2.943	2.930	2.954	PH	-5522	-80003	-0.32%	-0.005%
14	2.970	2.954	2.997	PH	-2814	-117240	-0.46%	-0.008%
15	3.013	2.997	3.066	PH	-2851	-226409	-0.90%	-0.015%
16	3.084	3.066	3.153	PH	-2237	-265190	-1.05%	-0.018%
17	3.169	3.153	3.262	PH	-4530	-460553	-1.83%	-0.031%
18	3.267	3.262	3.284	PH	-8126	-105517	-0.42%	-0.007%
19	3.307	3.284	3.333	PH	-3101	-178016	-0.71%	-0.012%
20	3.348	3.333	3.382	PH	-3242	-178625	-0.71%	-0.012%
21	3.408	3.382	3.438	PH	-5511	-216766	-0.86%	-0.015%
22	3.449	3.438	3.473	PH	-6244	-144673	-0.57%	-0.010%
23	3.479	3.473	3.491	PH	-7228	-75762	-0.30%	-0.005%
24	3.522	3.491	3.536	PH	-6654	-190171	-0.75%	-0.013%
25	3.552	3.536	3.580	PH	-3529	-153123	-0.61%	-0.010%
26	3.600	3.580	3.636	PH	327	-142077	-0.56%	-0.010%
27	3.652	3.636	3.712	PH	320	-263959	-1.05%	-0.018%
28	3.735	3.712	3.747	PH	-2920	-123585	-0.49%	-0.008%
29	3.759	3.747	3.779	PH	-808	-60073	-0.24%	-0.004%
30	3.785	3.779	3.799	PH	-4718	-59225	-0.23%	-0.004%
31	3.808	3.799	3.853	PH	-4576	-220866	-0.88%	-0.015%
32	3.872	3.853	3.891	PH	-6051	-161284	-0.64%	-0.011%
33	3.916	3.891	3.937	PH	-4038	-150178	-0.60%	-0.010%
34	3.952	3.937	3.973	PH	-1516	-84476	-0.33%	-0.006%
35	3.988	3.973	4.017	PH	-4363	-139597	-0.55%	-0.009%
36	4.037	4.017	4.051	PH	-4783	-111330	-0.44%	-0.007%

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37	4.072	4.051	4.083	PH	-3697	-84374	-0.33%	-0.006%
38	4.100	4.083	4.111	PH	-1438	-39261	-0.16%	-0.003%
39	4.126	4.111	4.150	PH	1548	-22565	-0.09%	-0.002%
40	4.172	4.150	4.217	PH	2051	-70190	-0.28%	-0.005%
41	4.251	4.217	4.275	PH	1300	-72731	-0.29%	-0.005%
42	4.288	4.275	4.317	PH	3454	7486	0.03%	0.001%
43	4.340	4.317	4.370	PH	968	-19482	-0.08%	-0.001%
44	4.382	4.370	4.394	PH	-2225	-36916	-0.15%	-0.002%
45	4.407	4.394	4.419	PH	-1692	-33986	-0.13%	-0.002%
46	4.436	4.419	4.449	PH	8934	66583	0.26%	0.004%
47	4.456	4.449	4.466	HH	4801	39442	0.16%	0.003%
48	4.481	4.466	4.509	HH	8262	107024	0.42%	0.007%
49	4.522	4.509	4.552	PH	1892	-3758	-0.01%	-0.000%
50	4.582	4.552	4.595	PH	12011	181736	0.72%	0.012%
51	4.602	4.595	4.650	HH	8657	57301	0.23%	0.004%
52	4.667	4.650	4.672	PH	-1931	-28526	-0.11%	-0.002%
53	4.688	4.672	4.719	PH	1634	-45869	-0.18%	-0.003%
54	4.723	4.719	4.730	PH	-4067	-26937	-0.11%	-0.002%
55	4.760	4.730	4.777	PH	4368	31154	0.12%	0.002%
56	4.807	4.777	4.823	HH	8393	95544	0.38%	0.006%
57	4.836	4.823	4.872	PH	4052	-17141	-0.07%	-0.001%
58	4.897	4.872	4.931	PH	89255	1046676	4.15%	0.070%
59	4.947	4.931	4.968	HH	7301	78570	0.31%	0.005%
60	4.989	4.968	5.022	PH	16523	207110	0.82%	0.014%
61	5.050	5.022	5.068	HH	8220	154077	0.61%	0.010%
62	5.089	5.068	5.103	HH	23338	307193	1.22%	0.021%
63	5.119	5.103	5.134	HH	20640	294066	1.17%	0.020%
64	5.145	5.134	5.159	HH	15257	185486	0.74%	0.012%
65	5.174	5.159	5.192	HH	23590	288803	1.15%	0.019%
66	5.203	5.192	5.213	HH	8099	93592	0.37%	0.006%
67	5.219	5.213	5.235	HH	7372	80878	0.32%	0.005%
68	5.253	5.235	5.268	HH	14106	176642	0.70%	0.012%
69	5.282	5.268	5.296	HH	19997	226719	0.90%	0.015%
70	5.301	5.296	5.321	HH	10513	87458	0.35%	0.006%
71	5.343	5.321	5.364	HH	8183	121125	0.48%	0.008%
72	5.383	5.364	5.398	HH	24090	281412	1.12%	0.019%
73	5.408	5.398	5.425	HH	15184	202959	0.80%	0.014%
74	5.435	5.425	5.450	HH	10818	154843	0.61%	0.010%
75	5.468	5.450	5.486	HH	13994	234525	0.93%	0.016%
76	5.501	5.486	5.521	HH	18085	252736	1.00%	0.017%
77	5.546	5.521	5.569	HH	25463	539258	2.14%	0.036%
78	5.585	5.569	5.632	HH	40346	865560	3.43%	0.058%
79	5.649	5.632	5.656	HH	11984	142542	0.57%	0.010%
80	5.675	5.656	5.692	HH	17572	309420	1.23%	0.021%
81	5.708	5.692	5.728	HH	31745	458835	1.82%	0.031%
82	5.757	5.728	5.769	HH	20666	414319	1.64%	0.028%
83	5.781	5.769	5.788	HH	21313	218680	0.87%	0.015%
84	5.806	5.788	5.832	HH	37383	721572	2.86%	0.048%
85	5.841	5.832	5.855	HH	19335	235620	0.93%	0.016%
86	5.865	5.855	5.893	HH	15908	288431	1.14%	0.019%
87	5.918	5.893	5.929	HH	23994	371630	1.47%	0.025%
88	5.942	5.929	5.953	HH	28106	357063	1.42%	0.024%
89	5.964	5.953	5.976	HH	29521	354718	1.41%	0.024%

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90	5.993	5.976	6.021	HH	30019	656384	2.60%	0.044%
91	6.058	6.021	6.085	HH	42600	1163155	4.61%	0.078%
92	6.092	6.085	6.111	HH	19072	270795	1.07%	0.018%
93	6.142	6.111	6.157	HH	40829	814091	3.23%	0.055%
94	6.169	6.157	6.195	HH	40007	620743	2.46%	0.042%
95	6.225	6.195	6.244	HH	26618	639724	2.54%	0.043%
96	6.266	6.244	6.298	HH	40721	996345	3.95%	0.067%
97	6.318	6.298	6.354	HH	57466	1340744	5.32%	0.090%
98	6.392	6.354	6.409	HH	62172	1393710	5.53%	0.094%
99	6.436	6.409	6.446	HH	51765	945856	3.75%	0.063%
100	6.458	6.446	6.471	HH	60403	753116	2.99%	0.051%
101	6.484	6.471	6.499	HH	56524	819736	3.25%	0.055%
102	6.511	6.499	6.523	HH	48062	666290	2.64%	0.045%
103	6.536	6.523	6.564	HH	51261	932743	3.70%	0.063%
104	6.590	6.564	6.595	HH	31472	504796	2.00%	0.034%
105	6.613	6.595	6.633	HH	47314	877924	3.48%	0.059%
106	6.657	6.633	6.690	HH	38295	1123635	4.46%	0.075%
107	6.710	6.690	6.736	HH	38997	887911	3.52%	0.060%
108	6.748	6.736	6.760	HH	29505	398715	1.58%	0.027%
109	6.792	6.760	6.805	HH	37920	909986	3.61%	0.061%
110	6.825	6.805	6.843	HH	59469	1028939	4.08%	0.069%
111	6.864	6.843	6.882	HH	58442	1118235	4.43%	0.075%
112	6.899	6.882	6.910	HH	52065	810702	3.21%	0.054%
113	6.926	6.910	6.943	HH	77257	1193836	4.73%	0.080%
114	6.959	6.943	6.995	HH	59968	1511412	5.99%	0.101%
115	7.024	6.995	7.067	HH	72505	2112079	8.37%	0.142%
116	7.081	7.067	7.097	HH	40980	652084	2.59%	0.044%
117	7.136	7.097	7.145	HH	53092	1279651	5.07%	0.086%
118	7.157	7.145	7.167	HH	59485	736876	2.92%	0.049%
119	7.174	7.167	7.193	HH	52992	724283	2.87%	0.049%
120	7.241	7.193	7.256	HH	56947	1897710	7.52%	0.127%
121	7.274	7.256	7.295	HH	85510	1542051	6.11%	0.103%
122	7.316	7.295	7.328	HH	80399	1340658	5.32%	0.090%
123	7.337	7.328	7.362	HH	74826	1320285	5.24%	0.089%
124	7.371	7.362	7.385	HH	53260	716461	2.84%	0.048%
125	7.414	7.385	7.444	HH	91154	2507364	9.94%	0.168%
126	7.462	7.444	7.486	HH	87058	1677203	6.65%	0.113%
127	7.504	7.486	7.515	HH	60033	1029212	4.08%	0.069%
128	7.530	7.515	7.536	HH	67558	803345	3.19%	0.054%
129	7.553	7.536	7.583	HH	87518	2170409	8.61%	0.146%
130	7.612	7.583	7.656	HH	122888	4011708	15.91%	0.269%
131	7.678	7.656	7.712	HH	92044	2759423	10.94%	0.185%
132	7.735	7.712	7.755	HH	93148	2120864	8.41%	0.142%
133	7.775	7.755	7.799	HH	108983	2304092	9.14%	0.155%
134	7.817	7.799	7.835	HH	89903	1705445	6.76%	0.114%
135	7.845	7.835	7.851	HH	75005	718909	2.85%	0.048%
136	7.862	7.851	7.897	HH	76041	1980961	7.86%	0.133%
137	7.925	7.897	7.935	HH	93437	1893904	7.51%	0.127%
138	7.948	7.935	7.978	HH	101136	2440778	9.68%	0.164%
139	7.989	7.978	8.004	HH	93183	1420776	5.63%	0.095%
140	8.030	8.004	8.048	HH	113266	2547293	10.10%	0.171%
141	8.070	8.048	8.077	HH	98619	1672716	6.63%	0.112%

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142	8.115	8.077	8.137	HH	126100	4044142	16.04%	0.271%
143	8.161	8.137	8.186	HH	127037	3543676	14.05%	0.238%
144	8.227	8.186	8.260	HH	145866	5731005	22.73%	0.385%
145	8.278	8.260	8.297	HH	136064	2779486	11.02%	0.187%
146	8.314	8.297	8.332	HH	126593	2550640	10.11%	0.171%
147	8.348	8.332	8.361	HH	122341	2054021	8.14%	0.138%
148	8.395	8.361	8.411	HH	135154	3868385	15.34%	0.260%
149	8.442	8.411	8.453	HH	142188	3430273	13.60%	0.230%
150	8.475	8.453	8.496	HH	179296	4005595	15.88%	0.269%
151	8.502	8.496	8.515	HH	141260	1557212	6.17%	0.104%
152	8.531	8.515	8.544	HH	153413	2572069	10.20%	0.173%
153	8.555	8.544	8.583	HH	150529	3353616	13.30%	0.225%
154	8.587	8.583	8.591	HH	138694	666857	2.64%	0.045%
155	8.619	8.591	8.650	HH	169798	5495094	21.79%	0.369%
156	8.672	8.650	8.684	HH	159035	3109879	12.33%	0.209%
157	8.725	8.684	8.739	HH	166703	5266265	20.88%	0.353%
158	8.762	8.739	8.767	HH	174111	2833199	11.23%	0.190%
159	8.773	8.767	8.795	HH	174973	2889445	11.46%	0.194%
160	8.813	8.795	8.824	HH	188013	3061409	12.14%	0.205%
161	8.849	8.824	8.869	HH	189408	4913478	19.48%	0.330%
162	8.905	8.869	8.925	HH	199153	6344987	25.16%	0.426%
163	8.947	8.925	8.965	HH	206279	4691543	18.60%	0.315%
164	8.968	8.965	8.990	HH	196013	2874807	11.40%	0.193%
165	9.009	8.990	9.025	HH	206826	4198536	16.65%	0.282%
166	9.062	9.025	9.082	HH	237372	7365326	29.21%	0.494%
167	9.109	9.082	9.136	HH	235283	7235810	28.69%	0.486%
168	9.181	9.136	9.206	HH	252378	9750571	38.66%	0.654%
169	9.250	9.206	9.280	HH	260903	11064371	43.87%	0.742%
170	9.303	9.280	9.315	HH	253531	5231668	20.75%	0.351%
171	9.349	9.315	9.389	HH	308061	12178849	48.29%	0.817%
172	9.401	9.389	9.419	HH	268113	4621474	18.33%	0.310%
173	9.471	9.419	9.491	HH	305730	12140223	48.14%	0.815%
174	9.497	9.491	9.502	HH	279519	1910760	7.58%	0.128%
175	9.548	9.502	9.585	HH	311274	14679375	58.21%	0.985%
176	9.615	9.585	9.629	HH	299237	7524853	29.84%	0.505%
177	9.687	9.629	9.709	HH	353602	15691117	62.22%	1.053%
178	9.714	9.709	9.719	HH	333749	1977893	7.84%	0.133%
179	9.753	9.719	9.767	HH	367056	10145916	40.23%	0.681%
180	9.786	9.767	9.791	HH	357623	5069818	20.10%	0.340%
181	9.819	9.791	9.857	HH	396069	14434496	57.24%	0.969%
182	9.880	9.857	9.940	HH	436043	19646259	77.90%	1.318%
183	9.979	9.940	9.997	HH	421550	13797389	54.71%	0.926%
184	10.006	9.997	10.036	HH	410052	9170096	36.36%	0.615%
185	10.053	10.036	10.060	HH	384270	5421555	21.50%	0.364%
186	10.108	10.060	10.124	HH	449861	16045694	63.63%	1.077%
187	10.134	10.124	10.153	HH	440510	7464903	29.60%	0.501%
188	10.169	10.153	10.191	HH	414607	9446544	37.46%	0.634%
189	10.259	10.191	10.284	HH	491836	24835267	98.48%	1.667%
190	10.292	10.284	10.305	HH	445736	5746854	22.79%	0.386%
191	10.328	10.305	10.332	HH	500096	7423554	29.44%	0.498%
192	10.337	10.332	10.365	HH	503786	9934626	39.39%	0.667%
193	10.392	10.365	10.425	HH	497860	17076655	67.71%	1.146%
194	10.457	10.425	10.473	HH	507359	13625184	54.03%	0.914%

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195	10.492	10.473	10.508	HH	525988	10304346	40.86%	0.691%
196	10.527	10.508	10.548	HH	510023	12047632	47.77%	0.808%
197	10.573	10.548	10.594	HH	515822	13552614	53.74%	0.909%
198	10.620	10.594	10.644	HH	519646	14922533	59.17%	1.001%
199	10.654	10.644	10.672	HH	484669	8088721	32.07%	0.543%
200	10.678	10.672	10.690	HH	470198	5022019	19.91%	0.337%
201	10.707	10.690	10.714	HH	495267	6833887	27.10%	0.459%
202	10.720	10.714	10.737	HH	487885	6607045	26.20%	0.443%
203	10.749	10.737	10.785	HH	493603	13969584	55.39%	0.937%
204	10.809	10.785	10.815	HH	465749	8068362	31.99%	0.541%
205	10.828	10.815	10.840	HH	481338	7309648	28.98%	0.491%
206	10.882	10.840	10.926	HH	506477	25218895	100.00%	1.692%
207	10.931	10.926	10.935	HH	477088	2654181	10.52%	0.178%
208	10.940	10.935	10.947	HH	478504	3190003	12.65%	0.214%
209	10.964	10.947	10.986	HH	496052	11461766	45.45%	0.769%
210	11.009	10.986	11.016	HH	489764	8352125	33.12%	0.560%
211	11.020	11.016	11.052	HH	489196	10357529	41.07%	0.695%
212	11.069	11.052	11.098	HH	483908	13132833	52.08%	0.881%
213	11.123	11.098	11.142	HH	477410	12455545	49.39%	0.836%
214	11.159	11.142	11.174	HH	487429	9104444	36.10%	0.611%
215	11.201	11.174	11.225	HH	492643	14683222	58.22%	0.985%
216	11.240	11.225	11.279	HH	491814	15048784	59.67%	1.010%
217	11.284	11.279	11.291	HH	449373	3269215	12.96%	0.219%
218	11.331	11.291	11.374	HH	475128	22369365	88.70%	1.501%
219	11.392	11.374	11.415	HH	469086	11359897	45.05%	0.762%
220	11.444	11.415	11.455	HH	519462	11432863	45.33%	0.767%
221	11.471	11.455	11.507	HH	565344	15301767	60.68%	1.027%
222	11.544	11.507	11.580	HH	513998	19917480	78.98%	1.337%
223	11.585	11.580	11.601	HH	427599	5030859	19.95%	0.338%
224	11.612	11.601	11.620	HH	420079	4967317	19.70%	0.333%
225	11.624	11.620	11.635	HH	418790	3676902	14.58%	0.247%
226	11.655	11.635	11.673	HH	437414	9515042	37.73%	0.639%
227	11.688	11.673	11.717	HH	430974	11075228	43.92%	0.743%
228	11.721	11.717	11.737	HH	409553	4765637	18.90%	0.320%
229	11.755	11.737	11.762	HH	399085	5881361	23.32%	0.395%
230	11.773	11.762	11.790	HH	399228	6578543	26.09%	0.441%
231	11.797	11.790	11.804	HH	392924	3371601	13.37%	0.226%
232	11.824	11.804	11.837	HH	402793	7622618	30.23%	0.512%
233	11.853	11.837	11.865	HH	411604	6907137	27.39%	0.464%
234	11.872	11.865	11.902	HH	406488	8538453	33.86%	0.573%
235	11.915	11.902	11.937	HH	393385	8208076	32.55%	0.551%
236	11.948	11.937	11.954	HH	386545	3804364	15.09%	0.255%
237	11.969	11.954	11.984	HH	389995	6932651	27.49%	0.465%
238	11.996	11.984	12.009	HH	392626	5954232	23.61%	0.400%
239	12.020	12.009	12.038	HH	385253	6594217	26.15%	0.443%
240	12.081	12.038	12.099	HH	443452	14786224	58.63%	0.992%
241	12.119	12.099	12.142	HH	487831	10973514	43.51%	0.736%
242	12.147	12.142	12.159	HH	388698	3931859	15.59%	0.264%
243	12.190	12.159	12.239	HH	696979	22154904	87.85%	1.487%
244	12.249	12.239	12.270	HH	370007	6666209	26.43%	0.447%
245	12.277	12.270	12.293	HH	345577	4540763	18.01%	0.305%
246	12.310	12.293	12.315	HH	340666	4620070	18.32%	0.310%

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247	12.350	12.315	12.367	HH	361105	10918368	43.29%	0.733%
248	12.399	12.367	12.412	HH	357083	9388582	37.23%	0.630%
249	12.416	12.412	12.425	HH	354948	2696056	10.69%	0.181%
250	12.428	12.425	12.440	HH	349057	3300618	13.09%	0.221%
251	12.445	12.440	12.455	HH	347325	2970895	11.78%	0.199%
252	12.465	12.455	12.481	HH	349829	5377601	21.32%	0.361%
253	12.491	12.481	12.508	HH	343875	5541760	21.97%	0.372%
254	12.520	12.508	12.539	HH	337519	6136148	24.33%	0.412%
255	12.545	12.539	12.551	HH	334456	2307048	9.15%	0.155%
256	12.571	12.551	12.628	HH	351674	15619398	61.94%	1.048%
257	12.637	12.628	12.655	HH	327168	5367570	21.28%	0.360%
258	12.697	12.655	12.716	HH	342529	12193643	48.35%	0.818%
259	12.720	12.716	12.725	HH	337857	1870090	7.42%	0.125%
260	12.732	12.725	12.764	HH	336553	7498248	29.73%	0.503%
261	12.792	12.764	12.814	HH	381581	10139906	40.21%	0.680%
262	12.820	12.814	12.830	HH	313815	3047303	12.08%	0.204%
263	12.848	12.830	12.862	HH	314654	5871829	23.28%	0.394%
264	12.870	12.862	12.891	HH	307381	5144030	20.40%	0.345%
265	12.896	12.891	12.899	HH	294590	1470626	5.83%	0.099%
266	12.914	12.899	12.982	HH	306246	14768575	58.56%	0.991%
267	12.987	12.982	12.992	HH	288424	1717061	6.81%	0.115%
268	12.996	12.992	13.002	HH	287633	1743399	6.91%	0.117%
269	13.007	13.002	13.033	HH	286586	5232071	20.75%	0.351%
270	13.069	13.033	13.086	HH	350898	9888433	39.21%	0.664%
271	13.102	13.086	13.123	HH	339800	6889840	27.32%	0.462%
272	13.146	13.123	13.151	HH	291637	4846898	19.22%	0.325%
273	13.164	13.151	13.205	HH	299762	9168818	36.36%	0.615%
274	13.216	13.205	13.230	HH	278213	4175630	16.56%	0.280%
275	13.242	13.230	13.258	HH	270970	4416157	17.51%	0.296%
276	13.272	13.258	13.293	HH	259786	5337766	21.17%	0.358%
277	13.298	13.293	13.309	HH	256787	2464568	9.77%	0.165%
278	13.322	13.309	13.339	HH	256411	4517303	17.91%	0.303%
279	13.375	13.339	13.420	HH	398583	14165616	56.17%	0.951%
280	13.429	13.420	13.456	HH	245614	5216399	20.68%	0.350%
281	13.464	13.456	13.481	HH	241702	3579427	14.19%	0.240%
282	13.490	13.481	13.528	HH	240428	6533607	25.91%	0.438%
283	13.539	13.528	13.547	HH	227517	2565975	10.17%	0.172%
284	13.565	13.547	13.580	HH	228072	4475010	17.74%	0.300%
285	13.626	13.580	13.647	HH	288759	10067199	39.92%	0.676%
286	13.667	13.647	13.691	HH	250295	6226905	24.69%	0.418%
287	13.705	13.691	13.715	HH	219303	3153395	12.50%	0.212%
288	13.718	13.715	13.764	HH	217678	6167697	24.46%	0.414%
289	13.769	13.764	13.807	HH	208161	5268584	20.89%	0.354%
290	13.819	13.807	13.839	HH	206780	3867410	15.34%	0.260%
291	13.844	13.839	13.847	HH	199920	998506	3.96%	0.067%
292	13.859	13.847	13.879	HH	201487	3775018	14.97%	0.253%
293	13.891	13.879	13.925	HH	197571	5343697	21.19%	0.359%
294	13.951	13.925	13.971	HH	195794	5341261	21.18%	0.358%
295	13.975	13.971	13.980	HH	189244	1074337	4.26%	0.072%
296	13.997	13.980	14.012	HH	190701	3566521	14.14%	0.239%
297	14.019	14.012	14.039	HH	188239	2992148	11.86%	0.201%
298	14.044	14.039	14.054	HH	185620	1674432	6.64%	0.112%
299	14.067	14.054	14.107	HH	186432	5831872	23.13%	0.391%

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300	14.121	14.107	14.133	HH	180949	2795950	11.09%	0.188%
301	14.155	14.133	14.201	HH	185205	7270943	28.83%	0.488%
302	14.206	14.201	14.212	HH	174461	1174877	4.66%	0.079%
303	14.217	14.212	14.245	HH	174019	3326043	13.19%	0.223%
304	14.252	14.245	14.257	HH	166850	1250560	4.96%	0.084%
305	14.264	14.257	14.285	HH	166987	2738683	10.86%	0.184%
306	14.296	14.285	14.321	HH	165551	3514220	13.93%	0.236%
307	14.331	14.321	14.365	HH	161985	4240835	16.82%	0.285%
308	14.370	14.365	14.406	HH	159958	3875822	15.37%	0.260%
309	14.421	14.406	14.437	HH	156231	2912057	11.55%	0.195%
310	14.448	14.437	14.468	HH	156617	2882734	11.43%	0.193%
311	14.474	14.468	14.480	HH	151607	1020247	4.05%	0.068%
312	14.487	14.480	14.499	HH	152433	1722461	6.83%	0.116%
313	14.504	14.499	14.515	HH	150857	1496858	5.94%	0.100%
314	14.569	14.515	14.603	HH	671207	15249908	60.47%	1.023%
315	14.607	14.603	14.614	HH	144696	929920	3.69%	0.062%
316	14.619	14.614	14.647	HH	144027	2850932	11.30%	0.191%
317	14.652	14.647	14.705	HH	139430	4791776	19.00%	0.322%
318	14.717	14.705	14.722	HH	134670	1298707	5.15%	0.087%
319	14.731	14.722	14.740	HH	135085	1519320	6.02%	0.102%
320	14.760	14.740	14.799	HH	134957	4648264	18.43%	0.312%
321	14.811	14.799	14.829	HH	130980	2331202	9.24%	0.156%
322	14.832	14.829	14.840	HH	128319	820689	3.25%	0.055%
323	14.845	14.840	14.856	HH	127325	1233881	4.89%	0.083%
324	14.862	14.856	14.886	HH	126962	2248295	8.92%	0.151%
325	14.897	14.886	14.902	HH	124922	1228168	4.87%	0.082%
326	14.909	14.902	14.948	HH	125664	3381748	13.41%	0.227%
327	14.958	14.948	14.987	HH	121416	2809648	11.14%	0.189%
328	15.030	14.987	15.056	HH	134917	5200556	20.62%	0.349%
329	15.069	15.056	15.113	HH	121057	3948986	15.66%	0.265%
330	15.152	15.113	15.271	HH	275209	12686597	50.31%	0.851%
331	15.283	15.271	15.330	HH	107033	3688060	14.62%	0.247%
332	15.348	15.330	15.370	HH	103228	2401657	9.52%	0.161%
333	15.381	15.370	15.387	HH	100371	1052703	4.17%	0.071%
334	15.393	15.387	15.404	HH	100414	1021925	4.05%	0.069%
335	15.417	15.404	15.441	HH	100829	2206367	8.75%	0.148%
336	15.449	15.441	15.488	HH	98452	2725981	10.81%	0.183%
337	15.508	15.488	15.520	HH	97423	1852896	7.35%	0.124%
338	15.526	15.520	15.556	HH	96671	2044257	8.11%	0.137%
339	15.568	15.556	15.591	HH	94458	1935399	7.67%	0.130%
340	15.610	15.591	15.649	HH	90806	3087776	12.24%	0.207%
341	15.664	15.649	15.684	HH	90682	1886653	7.48%	0.127%
342	15.689	15.684	15.712	HH	86728	1421591	5.64%	0.095%
343	15.721	15.712	15.740	HH	84400	1430532	5.67%	0.096%
344	15.753	15.740	15.768	HH	83628	1376505	5.46%	0.092%
345	15.783	15.768	15.810	HH	85155	2090604	8.29%	0.140%
346	15.816	15.810	15.838	HH	80197	1331400	5.28%	0.089%
347	15.867	15.838	15.947	HH	92525	5327106	21.12%	0.357%
348	15.957	15.947	16.036	HH	76256	3922392	15.55%	0.263%
349	16.042	16.036	16.061	HH	71842	1075464	4.26%	0.072%
350	16.065	16.061	16.079	HH	71179	753184	2.99%	0.051%
351	16.087	16.079	16.092	HH	70321	580546	2.30%	0.039%

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352	16.102	16.092	16.123	HH	70653	1272443	5.05%	0.085%
353	16.160	16.123	16.250	HH	82851	5331820	21.14%	0.358%
354	16.269	16.250	16.285	HH	66670	1345857	5.34%	0.090%
355	16.315	16.285	16.344	HH	79613	2547275	10.10%	0.171%
356	16.360	16.344	16.407	HH	64391	2294480	9.10%	0.154%
357	16.418	16.407	16.474	HH	59313	2330575	9.24%	0.156%
358	16.478	16.474	16.503	HH	56098	963930	3.82%	0.065%
359	16.528	16.503	16.594	HH	61892	3087279	12.24%	0.207%
360	16.599	16.594	16.604	HH	52554	319841	1.27%	0.021%
361	16.613	16.604	16.625	HH	52420	649979	2.58%	0.044%
362	16.630	16.625	16.664	HH	51803	1222097	4.85%	0.082%
363	16.669	16.664	16.672	HH	50406	234479	0.93%	0.016%
364	16.678	16.672	16.693	HH	50727	615580	2.44%	0.041%
365	16.697	16.693	16.711	HH	49875	556743	2.21%	0.037%
366	16.740	16.711	16.764	HH	55740	1649709	6.54%	0.111%
367	16.772	16.764	16.799	HH	50887	1032969	4.10%	0.069%
368	16.803	16.799	16.870	HH	46996	1956618	7.76%	0.131%
369	16.877	16.870	16.896	HH	44117	660031	2.62%	0.044%
370	16.902	16.896	16.961	HH	43076	1646415	6.53%	0.110%
371	16.967	16.961	16.990	HH	41221	713396	2.83%	0.048%
372	17.002	16.990	17.056	HH	41092	1584325	6.28%	0.106%
373	17.092	17.056	17.155	HH	49525	2511255	9.96%	0.169%
374	17.185	17.155	17.273	HH	43982	2585577	10.25%	0.174%
375	17.279	17.273	17.372	HH	33696	1903963	7.55%	0.128%
376	17.382	17.372	17.416	HH	31121	812998	3.22%	0.055%
377	17.423	17.416	17.442	HH	30244	457286	1.81%	0.031%
378	17.492	17.442	17.528	HH	42955	1790639	7.10%	0.120%
379	17.547	17.528	17.589	HH	31481	1090817	4.33%	0.073%
380	17.623	17.589	17.660	HH	32516	1232825	4.89%	0.083%
381	17.666	17.660	17.690	HH	25788	458422	1.82%	0.031%
382	17.717	17.690	17.794	HH	25656	1545038	6.13%	0.104%
383	17.798	17.794	17.824	HH	24113	429477	1.70%	0.029%
384	17.849	17.824	17.866	HH	25233	602738	2.39%	0.040%
385	17.889	17.866	17.937	HH	28638	1105551	4.38%	0.074%
386	17.982	17.937	18.024	HH	86713	2180352	8.65%	0.146%
387	18.050	18.024	18.134	HH	29324	1474887	5.85%	0.099%
388	18.153	18.134	18.176	HH	19511	491261	1.95%	0.033%
389	18.208	18.176	18.230	HH	25770	722589	2.87%	0.048%
390	18.237	18.230	18.291	HH	21574	702737	2.79%	0.047%
391	18.302	18.291	18.308	HH	18435	186218	0.74%	0.012%
392	18.311	18.308	18.363	HH	18339	583608	2.31%	0.039%
393	18.374	18.363	18.379	HH	17287	165365	0.66%	0.011%
394	18.402	18.379	18.424	HH	20014	493191	1.96%	0.033%
395	18.451	18.424	18.508	HH	28188	1043135	4.14%	0.070%
396	18.519	18.508	18.524	HH	16542	155184	0.62%	0.010%
397	18.579	18.524	18.613	HH	30598	1192704	4.73%	0.080%
398	18.621	18.613	18.682	HH	19855	732672	2.91%	0.049%
399	18.706	18.682	18.719	HH	16234	360086	1.43%	0.024%
400	18.742	18.719	18.764	HH	16288	431250	1.71%	0.029%
401	18.809	18.764	18.839	HH	58460	1418964	5.63%	0.095%
402	18.857	18.839	18.912	HH	22405	825185	3.27%	0.055%
403	18.941	18.912	18.995	HH	21334	913357	3.62%	0.061%
404	19.000	18.995	19.006	HH	16438	105397	0.42%	0.007%

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405	19.015	19.006	19.062	HH	16599	534162	2.12%	0.036%
406	19.084	19.062	19.102	HH	15605	367679	1.46%	0.025%
407	19.106	19.102	19.129	HH	15046	235389	0.93%	0.016%
408	19.133	19.129	19.138	HH	14620	79957	0.32%	0.005%
409	19.155	19.138	19.178	HH	15213	354998	1.41%	0.024%
410	19.210	19.178	19.218	HH	15661	368032	1.46%	0.025%
411	19.243	19.218	19.292	HH	21690	789190	3.13%	0.053%
412	19.314	19.292	19.329	HH	19182	395599	1.57%	0.027%
413	19.345	19.329	19.374	HH	19430	488782	1.94%	0.033%
414	19.400	19.374	19.415	HH	17245	399844	1.59%	0.027%
415	19.426	19.415	19.435	HH	16517	205291	0.81%	0.014%
416	19.442	19.435	19.463	HH	16305	268552	1.06%	0.018%
417	19.468	19.463	19.484	HH	15999	195363	0.77%	0.013%
418	19.540	19.484	19.555	HH	17090	692044	2.74%	0.046%
419	19.589	19.555	19.680	HH	33360	1619576	6.42%	0.109%
420	19.696	19.680	19.720	HH	17135	398422	1.58%	0.027%
421	19.726	19.720	19.730	HH	16616	97925	0.39%	0.007%
422	19.736	19.730	19.775	HH	16749	449550	1.78%	0.030%
423	19.782	19.775	19.786	HH	16362	106420	0.42%	0.007%
424	19.821	19.786	19.846	HH	18683	633328	2.51%	0.043%
425	19.881	19.846	19.893	HH	18001	496322	1.97%	0.033%
426	19.921	19.893	19.963	HH	21281	834452	3.31%	0.056%
427	19.982	19.963	20.005	HH	20259	488815	1.94%	0.033%
428	20.041	20.005	20.066	HH	20635	726499	2.88%	0.049%
429	20.104	20.066	20.111	HH	20731	548815	2.18%	0.037%
430	20.132	20.111	20.172	HH	21255	759939	3.01%	0.051%
431	20.206	20.172	20.262	HH	24172	1196631	4.74%	0.080%
432	20.273	20.262	20.294	HH	21753	411043	1.63%	0.028%
433	20.327	20.294	20.368	HH	24081	999706	3.96%	0.067%
434	20.402	20.368	20.474	HH	22697	1382600	5.48%	0.093%
435	20.525	20.474	20.623	HH	26097	1997224	7.92%	0.134%
436	20.658	20.623	20.677	HH	21025	677625	2.69%	0.045%
437	20.700	20.677	20.744	HH	21351	831169	3.30%	0.056%
438	20.754	20.744	20.782	HH	20129	467014	1.85%	0.031%
439	20.789	20.782	20.795	HH	20024	153454	0.61%	0.010%
440	20.803	20.795	20.809	HH	20023	163160	0.65%	0.011%
441	20.811	20.809	20.830	HH	19972	256981	1.02%	0.017%
442	20.875	20.830	20.936	HH	21738	1315162	5.21%	0.088%
443	20.958	20.936	20.987	HH	20166	606228	2.40%	0.041%
444	21.030	20.987	21.074	HH	20630	1041704	4.13%	0.070%
445	21.083	21.074	21.088	HH	19879	170815	0.68%	0.011%
446	21.095	21.088	21.097	HH	20028	107641	0.43%	0.007%
447	21.117	21.097	21.184	HH	20595	1022287	4.05%	0.069%
448	21.189	21.184	21.200	HH	18556	172777	0.69%	0.012%
449	21.221	21.200	21.281	HH	19081	897545	3.56%	0.060%
450	21.287	21.281	21.317	HH	17727	380081	1.51%	0.026%
451	21.323	21.317	21.327	HH	17306	97804	0.39%	0.007%
452	21.350	21.327	21.389	HH	17436	647699	2.57%	0.043%
453	21.393	21.389	21.416	HH	17132	273792	1.09%	0.018%
454	21.424	21.416	21.464	HH	17010	488790	1.94%	0.033%
455	21.472	21.464	21.498	HH	16898	338134	1.34%	0.023%
456	21.501	21.498	21.509	HH	16561	111230	0.44%	0.007%

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457	21.518	21.509	21.528	HH	16607	184649	0.73%	0.012%	
458	21.532	21.528	21.545	HH	16607	171824	0.68%	0.012%	
459	21.581	21.545	21.603	HH	16871	582696	2.31%	0.039%	
460	21.642	21.603	21.680	HHA	18869	840606	3.33%	0.056%	

Sum of corrected areas: 1490169424

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