

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042921\
 Data File : FE033687.D
 Signal(s) : FID1B.CH
 Acq On : 29 Apr 2021 15:53
 Sample : M2223-01 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE042221.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	4.057	4.003	4.063	BH	7946	54436	0.49%	0.007%
2	4.079	4.063	4.138	HH	41976	595501	5.38%	0.071%
3	4.145	4.138	4.189	HH	2657	58184	0.53%	0.007%
4	4.194	4.189	4.216	HH	1079	14623	0.13%	0.002%
5	4.234	4.216	4.251	HH	3094	34685	0.31%	0.004%
6	4.263	4.251	4.288	HH	2172	26238	0.24%	0.003%
7	4.293	4.288	4.323	HH	467	5101	0.05%	0.001%
8	4.328	4.323	4.332	PH	4	-230	-0.00%	-0.000%
9	4.341	4.332	4.361	PH	238	-3215	-0.03%	-0.000%
10	4.369	4.361	4.374	PH	-573	-4642	-0.04%	-0.001%
11	4.421	4.374	4.440	PH	-200	-16661	-0.15%	-0.002%
12	4.444	4.440	4.449	PH	-613	-3362	-0.03%	-0.000%
13	4.465	4.449	4.484	PH	545	-2058	-0.02%	-0.000%
14	4.506	4.484	4.523	PH	4063	43645	0.39%	0.005%
15	4.535	4.523	4.593	HH	3098	54327	0.49%	0.007%
16	4.610	4.593	4.664	HH	7231	70940	0.64%	0.008%
17	4.672	4.664	4.678	PH	-130	-1404	-0.01%	-0.000%
18	4.681	4.678	4.699	PH	-170	-5214	-0.05%	-0.001%
19	4.716	4.699	4.733	PH	-484	-14341	-0.13%	-0.002%
20	4.747	4.733	4.776	PH	-512	-22821	-0.21%	-0.003%
21	4.797	4.776	4.824	PH	5016	26086	0.24%	0.003%
22	4.833	4.824	4.860	PH	-543	-17643	-0.16%	-0.002%
23	4.892	4.860	4.913	PH	-983	-37926	-0.34%	-0.005%
24	4.918	4.913	4.945	PH	-1273	-27472	-0.25%	-0.003%
25	4.962	4.945	4.980	PH	-1002	-26908	-0.24%	-0.003%
26	5.003	4.980	5.043	PH	17829	146199	1.32%	0.018%
27	5.057	5.043	5.071	PH	-410	-14506	-0.13%	-0.002%
28	5.081	5.071	5.124	PH	-483	-39289	-0.36%	-0.005%
29	5.140	5.124	5.144	PH	-1466	-19419	-0.18%	-0.002%
30	5.152	5.144	5.171	PH	-1265	-25602	-0.23%	-0.003%
31	5.182	5.171	5.187	PH	-1626	-16511	-0.15%	-0.002%
32	5.201	5.187	5.224	PH	-1282	-37182	-0.34%	-0.004%
33	5.228	5.224	5.251	PH	-1928	-32708	-0.30%	-0.004%
34	5.262	5.251	5.290	PH	-1991	-50079	-0.45%	-0.006%
35	5.317	5.290	5.342	PH	385	-42839	-0.39%	-0.005%
36	5.357	5.342	5.364	PH	-2056	-27622	-0.25%	-0.003%

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37	5.381	5.364	5.425	PH	-1617	-77339	-0.70%	-0.009%
38	5.445	5.425	5.479	PH	-1989	-75855	-0.69%	-0.009%
39	5.497	5.479	5.543	PH	-1004	-72150	-0.65%	-0.009%
40	5.548	5.543	5.579	PH	-2112	-50611	-0.46%	-0.006%
41	5.607	5.579	5.626	PH	-1888	-62969	-0.57%	-0.008%
42	5.631	5.626	5.654	PH	-2283	-40436	-0.37%	-0.005%
43	5.677	5.654	5.705	PH	-2137	-72939	-0.66%	-0.009%
44	5.730	5.705	5.744	PH	-2334	-57251	-0.52%	-0.007%
45	5.753	5.744	5.768	PH	-2252	-34143	-0.31%	-0.004%
46	5.810	5.768	5.820	PH	-2106	-71258	-0.64%	-0.009%
47	5.839	5.820	5.862	PH	-172	-43074	-0.39%	-0.005%
48	5.872	5.862	5.883	PH	-2441	-31414	-0.28%	-0.004%
49	5.888	5.883	5.900	PH	-2457	-26509	-0.24%	-0.003%
50	5.913	5.900	5.923	PH	-2443	-33369	-0.30%	-0.004%
51	5.943	5.923	5.971	PH	-2278	-70235	-0.64%	-0.008%
52	5.989	5.971	5.994	PH	-2542	-36496	-0.33%	-0.004%
53	6.009	5.994	6.027	PH	-2428	-49419	-0.45%	-0.006%
54	6.048	6.027	6.075	PH	-1183	-59129	-0.53%	-0.007%
55	6.091	6.075	6.126	PH	-2412	-81058	-0.73%	-0.010%
56	6.135	6.126	6.145	PH	-2742	-31996	-0.29%	-0.004%
57	6.157	6.145	6.162	PH	-2741	-29074	-0.26%	-0.003%
58	6.194	6.162	6.215	PH	-1831	-74365	-0.67%	-0.009%
59	6.249	6.215	6.286	PH	-108	-80513	-0.73%	-0.010%
60	6.290	6.286	6.304	PH	-2599	-28373	-0.26%	-0.003%
61	6.322	6.304	6.347	PH	-974	-51781	-0.47%	-0.006%
62	6.368	6.347	6.433	PH	2682	-90482	-0.82%	-0.011%
63	6.477	6.433	6.496	PH	-1437	-89438	-0.81%	-0.011%
64	6.512	6.496	6.543	PH	-1799	-62327	-0.56%	-0.007%
65	6.554	6.543	6.579	PH	-2363	-58579	-0.53%	-0.007%
66	6.585	6.579	6.595	PH	-2902	-28383	-0.26%	-0.003%
67	6.607	6.595	6.612	PH	-2769	-27917	-0.25%	-0.003%
68	6.626	6.612	6.649	PH	-2460	-61089	-0.55%	-0.007%
69	6.668	6.649	6.678	PH	-2707	-48738	-0.44%	-0.006%
70	6.695	6.678	6.720	PH	-2265	-67995	-0.61%	-0.008%
71	6.753	6.720	6.783	PH	-2649	-106766	-0.97%	-0.013%
72	6.799	6.783	6.849	PH	-2558	-112664	-1.02%	-0.013%
73	6.875	6.849	6.890	PH	-2892	-73049	-0.66%	-0.009%
74	6.907	6.890	6.937	PH	-2736	-81101	-0.73%	-0.010%
75	6.952	6.937	6.963	PH	-2226	-39097	-0.35%	-0.005%
76	6.975	6.963	6.981	PH	-2439	-27195	-0.25%	-0.003%
77	6.994	6.981	7.028	PH	-2488	-74790	-0.68%	-0.009%
78	7.050	7.028	7.067	PH	-2653	-64140	-0.58%	-0.008%
79	7.103	7.067	7.125	PH	-532	-70730	-0.64%	-0.008%
80	7.147	7.125	7.172	PH	-692	-52658	-0.48%	-0.006%
81	7.178	7.172	7.194	PH	-2417	-33478	-0.30%	-0.004%
82	7.197	7.194	7.221	PH	-2547	-43067	-0.39%	-0.005%
83	7.240	7.221	7.255	PH	-1607	-45024	-0.41%	-0.005%
84	7.273	7.255	7.289	PH	-1076	-39099	-0.35%	-0.005%
85	7.302	7.289	7.334	PH	-2050	-66127	-0.60%	-0.008%
86	7.351	7.334	7.375	PH	-2216	-61440	-0.56%	-0.007%
87	7.401	7.375	7.448	PH	-1178	-98587	-0.89%	-0.012%
88	7.453	7.448	7.458	PH	-2798	-16535	-0.15%	-0.002%
89	7.477	7.458	7.500	PH	-2474	-67391	-0.61%	-0.008%

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90	7.533	7.500	7.544	PH	-2379	-65845	-0.60%	-0.008%
91	7.552	7.544	7.564	PH	-2372	-29796	-0.27%	-0.004%
92	7.573	7.564	7.596	PH	-2359	-50234	-0.45%	-0.006%
93	7.606	7.596	7.614	PH	-2574	-28589	-0.26%	-0.003%
94	7.626	7.614	7.647	PH	-2515	-50794	-0.46%	-0.006%
95	7.654	7.647	7.666	PH	-2654	-31820	-0.29%	-0.004%
96	7.694	7.666	7.722	PH	-2007	-80146	-0.72%	-0.010%
97	7.739	7.722	7.751	PH	-2297	-41934	-0.38%	-0.005%
98	7.786	7.751	7.803	PH	-712	-56117	-0.51%	-0.007%
99	7.827	7.803	7.846	PH	-1636	-51337	-0.46%	-0.006%
100	7.856	7.846	7.871	PH	-1894	-29577	-0.27%	-0.004%
101	7.876	7.871	7.906	PH	-1974	-46312	-0.42%	-0.006%
102	7.927	7.906	7.950	PH	-2049	-59611	-0.54%	-0.007%
103	7.966	7.950	7.995	PH	-2083	-60260	-0.54%	-0.007%
104	8.024	7.995	8.032	PH	-1842	-45263	-0.41%	-0.005%
105	8.044	8.032	8.067	PH	-1457	-37762	-0.34%	-0.005%
106	8.096	8.067	8.121	PH	-774	-49208	-0.44%	-0.006%
107	8.165	8.121	8.189	PH	1106	-27903	-0.25%	-0.003%
108	8.201	8.189	8.217	PH	-468	-15117	-0.14%	-0.002%
109	8.238	8.217	8.253	PH	-176	-13961	-0.13%	-0.002%
110	8.273	8.253	8.292	PH	4976	37368	0.34%	0.004%
111	8.311	8.292	8.319	PH	10566	90028	0.81%	0.011%
112	8.333	8.319	8.361	HH	34389	321382	2.91%	0.038%
113	8.386	8.361	8.417	HH	1498	6160	0.06%	0.001%
114	8.437	8.417	8.454	PH	-668	-18201	-0.16%	-0.002%
115	8.471	8.454	8.489	PH	-884	-22744	-0.21%	-0.003%
116	8.498	8.489	8.512	PH	-1169	-16709	-0.15%	-0.002%
117	8.517	8.512	8.536	PH	-1208	-19536	-0.18%	-0.002%
118	8.564	8.536	8.581	PH	-1324	-38342	-0.35%	-0.005%
119	8.597	8.581	8.616	PH	-991	-26505	-0.24%	-0.003%
120	8.643	8.616	8.648	PH	-932	-21637	-0.20%	-0.003%
121	8.681	8.648	8.704	PH	2455	1249	0.01%	0.000%
122	8.750	8.704	8.789	PH	2631	40365	0.36%	0.005%
123	8.808	8.789	8.843	PH	1278	5595	0.05%	0.001%
124	8.864	8.843	8.886	PH	291	-4450	-0.04%	-0.001%
125	8.892	8.886	8.905	PH	-239	-4283	-0.04%	-0.001%
126	8.921	8.905	8.934	PH	32	-3572	-0.03%	-0.000%
127	8.954	8.934	8.986	PH	2202	22767	0.21%	0.003%
128	9.010	8.986	9.056	PH	2015	31468	0.28%	0.004%
129	9.093	9.056	9.110	PH	10246	107617	0.97%	0.013%
130	9.124	9.110	9.165	HH	4007	59748	0.54%	0.007%
131	9.188	9.165	9.228	PH	1166	14330	0.13%	0.002%
132	9.247	9.228	9.265	PH	1195	12749	0.12%	0.002%
133	9.279	9.265	9.314	HH	759	7586	0.07%	0.001%
134	9.332	9.314	9.354	PH	171	-2404	-0.02%	-0.000%
135	9.358	9.354	9.366	PH	-93	-1146	-0.01%	-0.000%
136	9.383	9.366	9.400	PH	371	711	0.01%	0.000%
137	9.425	9.400	9.442	PH	891	11635	0.11%	0.001%
138	9.466	9.442	9.506	HH	6608	86513	0.78%	0.010%
139	9.510	9.506	9.524	HH	629	5280	0.05%	0.001%
140	9.556	9.524	9.597	HH	7273	158500	1.43%	0.019%
141	9.609	9.597	9.636	HH	2463	46601	0.42%	0.006%

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142	9.652	9.636	9.663	HH	1230	17198	0.16%	0.002%
143	9.675	9.663	9.686	HH	1061	12656	0.11%	0.002%
144	9.712	9.686	9.736	HH	10584	131303	1.19%	0.0016%
145	9.751	9.736	9.766	HH	1378	21442	0.19%	0.003%
146	9.790	9.766	9.798	HH	3281	41301	0.37%	0.005%
147	9.808	9.798	9.851	HH	3681	70002	0.63%	0.008%
148	9.874	9.851	9.922	HH	7725	145197	1.31%	0.017%
149	9.943	9.922	9.966	HH	2740	47373	0.43%	0.006%
150	9.983	9.966	10.019	HH	1445	31078	0.28%	0.004%
151	10.046	10.019	10.075	HH	1754	41271	0.37%	0.005%
152	10.089	10.075	10.105	HH	1148	18464	0.17%	0.002%
153	10.130	10.105	10.162	HH	1991	51996	0.47%	0.006%
154	10.175	10.162	10.193	HH	1539	25561	0.23%	0.003%
155	10.211	10.193	10.242	HH	2159	53049	0.48%	0.006%
156	10.263	10.242	10.286	HH	3489	63266	0.57%	0.008%
157	10.348	10.286	10.373	HH	4800	160754	1.45%	0.019%
158	10.407	10.373	10.443	HH	3907	130555	1.18%	0.016%
159	10.466	10.443	10.499	HH	6963	156472	1.41%	0.019%
160	10.527	10.499	10.533	HH	9487	139821	1.26%	0.017%
161	10.541	10.533	10.583	HH	10284	235893	2.13%	0.028%
162	10.611	10.583	10.629	HH	8516	197622	1.79%	0.024%
163	10.634	10.629	10.649	HH	6023	61891	0.56%	0.007%
164	10.676	10.649	10.709	HH	9458	258063	2.33%	0.031%
165	10.722	10.709	10.732	HH	6321	83460	0.75%	0.010%
166	10.738	10.732	10.766	HH	6203	114278	1.03%	0.014%
167	10.788	10.766	10.816	HH	7083	170283	1.54%	0.020%
168	10.869	10.816	10.919	HH	94834	1290693	11.67%	0.155%
169	10.946	10.919	10.971	HH	19586	350895	3.17%	0.042%
170	10.976	10.971	11.028	HH	7262	184143	1.67%	0.022%
171	11.045	11.028	11.079	HH	6383	156525	1.42%	0.019%
172	11.091	11.079	11.106	HH	4431	68041	0.62%	0.008%
173	11.122	11.106	11.132	HH	5413	78530	0.71%	0.009%
174	11.156	11.132	11.203	HH	13429	314224	2.84%	0.038%
175	11.250	11.203	11.256	HH	5255	151083	1.37%	0.018%
176	11.291	11.256	11.299	HH	6880	155609	1.41%	0.019%
177	11.316	11.299	11.354	HH	9092	227796	2.06%	0.027%
178	11.403	11.354	11.433	HH	9669	332341	3.01%	0.040%
179	11.470	11.433	11.488	HH	6294	183062	1.66%	0.022%
180	11.516	11.488	11.543	HH	10223	251147	2.27%	0.030%
181	11.564	11.543	11.569	HH	7063	103309	0.93%	0.012%
182	11.585	11.569	11.609	HH	7943	175173	1.58%	0.021%
183	11.627	11.609	11.643	HH	8630	160606	1.45%	0.019%
184	11.672	11.643	11.687	HH	18288	320441	2.90%	0.038%
185	11.703	11.687	11.738	HH	22412	391125	3.54%	0.047%
186	11.788	11.738	11.806	HH	21524	488970	4.42%	0.059%
187	11.821	11.806	11.835	HH	16314	232380	2.10%	0.028%
188	11.851	11.835	11.885	HH	16887	350987	3.17%	0.042%
189	11.892	11.885	11.904	HH	7453	81527	0.74%	0.010%
190	11.925	11.904	11.948	HH	8911	217458	1.97%	0.026%
191	11.992	11.948	12.012	HH	11842	389536	3.52%	0.047%
192	12.031	12.012	12.052	HH	19325	342706	3.10%	0.041%
193	12.080	12.052	12.123	HH	22788	590357	5.34%	0.071%
194	12.144	12.123	12.167	HH	18113	351775	3.18%	0.042%

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195	12.175	12.167	12.189	HH	10619	136895	1.24%	0.016%
196	12.209	12.189	12.219	HH	12284	204386	1.85%	0.024%
197	12.247	12.219	12.311	HH	35014	1131449	10.23%	0.135%
198	12.318	12.311	12.336	HH	15400	223124	2.02%	0.027%
199	12.357	12.336	12.369	HH	17007	298958	2.70%	0.036%
200	12.374	12.369	12.382	HH	14692	119007	1.08%	0.014%
201	12.395	12.382	12.408	HH	15047	225433	2.04%	0.027%
202	12.418	12.408	12.444	HH	15046	311122	2.81%	0.037%
203	12.465	12.444	12.476	HH	17270	306498	2.77%	0.037%
204	12.481	12.476	12.503	HH	16093	234961	2.12%	0.028%
205	12.524	12.503	12.551	HH	20633	469390	4.24%	0.056%
206	12.575	12.551	12.596	HH	24095	491434	4.44%	0.059%
207	12.632	12.596	12.662	HH	21884	729178	6.59%	0.087%
208	12.693	12.662	12.730	HH	227965	3016870	27.28%	0.361%
209	12.750	12.730	12.777	HH	17085	457124	4.13%	0.055%
210	12.789	12.777	12.806	HH	15812	270107	2.44%	0.032%
211	12.821	12.806	12.833	HH	17312	266277	2.41%	0.032%
212	12.850	12.833	12.858	HH	18338	266590	2.41%	0.032%
213	12.878	12.858	12.893	HH	23146	430450	3.89%	0.052%
214	12.899	12.893	12.917	HH	20414	283553	2.56%	0.034%
215	12.929	12.917	12.962	HH	19994	498039	4.50%	0.060%
216	12.991	12.962	13.024	HH	176056	2462713	22.27%	0.295%
217	13.046	13.024	13.062	HH	35737	620183	5.61%	0.074%
218	13.078	13.062	13.112	HH	36241	778423	7.04%	0.093%
219	13.122	13.112	13.138	HH	19903	298109	2.70%	0.036%
220	13.163	13.138	13.182	HH	24798	585707	5.30%	0.070%
221	13.195	13.182	13.215	HH	23467	437144	3.95%	0.052%
222	13.260	13.215	13.289	HH	39992	1350229	12.21%	0.162%
223	13.300	13.289	13.310	HH	33064	406293	3.67%	0.049%
224	13.327	13.310	13.369	HH	34967	1093359	9.89%	0.131%
225	13.387	13.369	13.404	HH	32180	618140	5.59%	0.074%
226	13.414	13.404	13.428	HH	28189	385008	3.48%	0.046%
227	13.450	13.428	13.464	HH	34949	691472	6.25%	0.083%
228	13.477	13.464	13.534	HH	36010	1349057	12.20%	0.162%
229	13.580	13.534	13.611	HH	63744	1820498	16.46%	0.218%
230	13.625	13.611	13.636	HH	31218	460258	4.16%	0.055%
231	13.646	13.636	13.664	HH	32273	512679	4.64%	0.061%
232	13.688	13.664	13.711	HH	52425	1111775	10.05%	0.133%
233	13.728	13.711	13.747	HH	41372	801252	7.25%	0.096%
234	13.769	13.747	13.802	HH	38987	1162234	10.51%	0.139%
235	13.838	13.802	13.845	HH	46005	983244	8.89%	0.118%
236	13.856	13.845	13.880	HH	47691	897062	8.11%	0.107%
237	13.898	13.880	13.924	HH	42771	995088	9.00%	0.119%
238	13.948	13.924	13.953	HH	35098	585240	5.29%	0.070%
239	13.975	13.953	13.999	HH	36329	997811	9.02%	0.119%
240	14.007	13.999	14.018	HH	35049	388010	3.51%	0.046%
241	14.036	14.018	14.043	HH	36165	528792	4.78%	0.063%
242	14.058	14.043	14.081	HH	36926	831570	7.52%	0.100%
243	14.112	14.081	14.123	HH	37077	895247	8.10%	0.107%
244	14.146	14.123	14.154	HH	37958	705868	6.38%	0.085%
245	14.165	14.154	14.179	HH	38375	568450	5.14%	0.068%
246	14.197	14.179	14.213	HH	39781	775312	7.01%	0.093%

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247	14.226	14.213	14.231	HH	41710	445084	4.02%	0.053%
248	14.259	14.231	14.264	HH	45611	866862	7.84%	0.104%
249	14.316	14.264	14.334	HH	57631	2097250	18.96%	0.251%
250	14.346	14.334	14.369	HH	50438	986320	8.92%	0.118%
251	14.395	14.369	14.412	HH	57417	1295341	11.71%	0.155%
252	14.423	14.412	14.446	HH	49974	988578	8.94%	0.118%
253	14.458	14.446	14.470	HH	49876	712135	6.44%	0.085%
254	14.497	14.470	14.518	HH	67606	1655761	14.97%	0.198%
255	14.525	14.518	14.529	HH	51912	329577	2.98%	0.039%
256	14.560	14.529	14.585	HH	73440	1997521	18.06%	0.239%
257	14.623	14.585	14.642	HH	65239	1931406	17.46%	0.231%
258	14.653	14.642	14.665	HH	53122	710442	6.42%	0.085%
259	14.685	14.665	14.704	HH	56852	1269817	11.48%	0.152%
260	14.734	14.704	14.783	HH	101890	3288297	29.73%	0.394%
261	14.802	14.783	14.808	HH	56121	811147	7.33%	0.097%
262	14.827	14.808	14.841	HH	59329	1159053	10.48%	0.139%
263	14.874	14.841	14.894	HH	133370	2862853	25.89%	0.343%
264	14.916	14.894	14.956	HH	170441	3709389	33.54%	0.444%
265	14.968	14.956	14.990	HH	63745	1261755	11.41%	0.151%
266	15.035	14.990	15.056	HH	82740	2782424	25.16%	0.333%
267	15.077	15.056	15.092	HH	70410	1465186	13.25%	0.175%
268	15.116	15.092	15.152	HH	70886	2431151	21.98%	0.291%
269	15.184	15.152	15.207	HH	82179	2460239	22.25%	0.295%
270	15.213	15.207	15.238	HH	74616	1332374	12.05%	0.160%
271	15.245	15.238	15.280	HH	72116	1811132	16.38%	0.217%
272	15.327	15.280	15.396	HH	97471	5825008	52.67%	0.698%
273	15.411	15.396	15.429	HH	76854	1515878	13.71%	0.182%
274	15.460	15.429	15.498	HH	110467	3768629	34.08%	0.451%
275	15.550	15.498	15.570	HH	102863	3834171	34.67%	0.459%
276	15.590	15.570	15.616	HH	95477	2464913	22.29%	0.295%
277	15.637	15.616	15.644	HH	87399	1428991	12.92%	0.171%
278	15.694	15.644	15.700	HH	97594	3047407	27.56%	0.365%
279	15.712	15.700	15.752	HH	101974	2988966	27.03%	0.358%
280	15.761	15.752	15.769	HH	88814	872331	7.89%	0.104%
281	15.789	15.769	15.810	HH	94489	2282563	20.64%	0.273%
282	15.822	15.810	15.828	HH	93375	1005163	9.09%	0.120%
283	15.849	15.828	15.856	HH	94690	1570628	14.20%	0.188%
284	15.876	15.856	15.897	HH	100798	2395562	21.66%	0.287%
285	15.924	15.897	15.941	HH	103027	2668519	24.13%	0.320%
286	15.965	15.941	16.013	HH	113855	4666125	42.19%	0.559%
287	16.024	16.013	16.045	HH	104158	1981611	17.92%	0.237%
288	16.062	16.045	16.069	HH	102799	1475604	13.34%	0.177%
289	16.086	16.069	16.102	HH	104691	2019173	18.26%	0.242%
290	16.107	16.102	16.122	HH	102443	1222812	11.06%	0.146%
291	16.155	16.122	16.186	HH	116648	4285234	38.75%	0.513%
292	16.253	16.186	16.278	HH	126777	6488923	58.68%	0.777%
293	16.285	16.278	16.291	HH	121736	972303	8.79%	0.116%
294	16.302	16.291	16.308	HH	122133	1214428	10.98%	0.145%
295	16.311	16.308	16.320	HH	121597	900804	8.15%	0.108%
296	16.357	16.320	16.399	HH	138850	6167327	55.77%	0.739%
297	16.444	16.399	16.506	HH	262828	10876936	98.35%	1.303%
298	16.533	16.506	16.555	HH	152785	4330600	39.16%	0.519%
299	16.578	16.555	16.602	HH	156538	4244488	38.38%	0.508%

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300	16.615	16.602	16.641	HH	153301	3498752	31.64%	0.419%
301	16.663	16.641	16.693	HH	155914	4667563	42.21%	0.559%
302	16.716	16.693	16.725	HH	150898	2878544	26.03%	0.345%
303	16.765	16.725	16.793	HH	212380	6986201	63.17%	0.837%
304	16.824	16.793	16.858	HH	216277	6788355	61.38%	0.813%
305	16.882	16.858	16.889	HH	159513	2872694	25.98%	0.344%
306	16.925	16.889	16.961	HH	187917	7613868	68.85%	0.912%
307	16.975	16.961	17.012	HH	175563	5085912	45.99%	0.609%
308	17.029	17.012	17.046	HH	162917	3276769	29.63%	0.392%
309	17.059	17.046	17.065	HH	163310	1839332	16.63%	0.220%
310	17.072	17.065	17.078	HH	164228	1276462	11.54%	0.153%
311	17.102	17.078	17.111	HH	169681	3326214	30.08%	0.398%
312	17.117	17.111	17.123	HH	169793	1204492	10.89%	0.144%
313	17.134	17.123	17.147	HH	170720	2429346	21.97%	0.291%
314	17.171	17.147	17.178	HH	176781	3231594	29.22%	0.387%
315	17.186	17.178	17.204	HH	177972	2765292	25.01%	0.331%
316	17.239	17.204	17.269	HH	188008	7072729	63.96%	0.847%
317	17.311	17.269	17.326	HH	190763	6226666	56.30%	0.746%
318	17.338	17.326	17.343	HH	194529	1925944	17.42%	0.231%
319	17.368	17.343	17.398	HH	248106	7045702	63.71%	0.844%
320	17.406	17.398	17.430	HH	190061	3608729	32.63%	0.432%
321	17.445	17.430	17.465	HH	188446	3831749	34.65%	0.459%
322	17.486	17.465	17.517	HH	200682	5931994	53.64%	0.710%
323	17.546	17.517	17.584	HH	194078	7424537	67.14%	0.889%
324	17.590	17.584	17.618	HH	182728	3662344	33.12%	0.439%
325	17.643	17.618	17.666	HH	183669	5274829	47.70%	0.632%
326	17.675	17.666	17.682	HH	183151	1768580	15.99%	0.212%
327	17.691	17.682	17.696	HH	183384	1457977	13.18%	0.175%
328	17.721	17.696	17.738	HH	197247	4902948	44.33%	0.587%
329	17.759	17.738	17.764	HH	198837	3045357	27.54%	0.365%
330	17.809	17.764	17.838	HH	221324	9116478	82.44%	1.092%
331	17.859	17.838	17.878	HH	195098	4711902	42.61%	0.564%
332	17.902	17.878	17.919	HH	195609	4670185	42.23%	0.559%
333	17.962	17.919	17.987	HH	245415	8847995	80.01%	1.060%
334	17.991	17.987	18.001	HH	213859	1836968	16.61%	0.220%
335	18.005	18.001	18.032	HH	211792	3808090	34.43%	0.456%
336	18.040	18.032	18.046	HH	198568	1588670	14.37%	0.190%
337	18.057	18.046	18.078	HH	199588	3869098	34.99%	0.463%
338	18.114	18.078	18.120	HH	207174	4974665	44.98%	0.596%
339	18.137	18.120	18.144	HH	209704	3051778	27.60%	0.365%
340	18.173	18.144	18.182	HH	221506	4868816	44.03%	0.583%
341	18.202	18.182	18.216	HH	246467	4790017	43.31%	0.574%
342	18.232	18.216	18.264	HH	257615	6732074	60.87%	0.806%
343	18.270	18.264	18.280	HH	208870	2098142	18.97%	0.251%
344	18.298	18.280	18.305	HH	209980	3067406	27.74%	0.367%
345	18.331	18.305	18.353	HH	256125	6666324	60.28%	0.798%
346	18.366	18.353	18.391	HH	221839	4956664	44.82%	0.594%
347	18.397	18.391	18.425	HH	211546	4291154	38.80%	0.514%
348	18.460	18.425	18.508	HH	245433	10809652	97.75%	1.294%
349	18.513	18.508	18.523	HH	206156	1844470	16.68%	0.221%
350	18.547	18.523	18.555	HH	209893	3968994	35.89%	0.475%
351	18.571	18.555	18.578	HH	211650	2977325	26.92%	0.357%

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352	18.596	18.578	18.605	HH	215705	3411066	30.84%	0.408%
353	18.609	18.605	18.618	HH	213610	1607994	14.54%	0.193%
354	18.640	18.618	18.690	HH	231133	9427069	85.24%	1.129%
355	18.702	18.690	18.708	HH	207976	2194819	19.85%	0.263%
356	18.712	18.708	18.720	HH	207168	1530099	13.84%	0.183%
357	18.753	18.720	18.779	HH	247103	7938557	71.78%	0.951%
358	18.803	18.779	18.841	HH	237560	8250401	74.60%	0.988%
359	18.845	18.841	18.854	HH	212785	1675748	15.15%	0.201%
360	18.859	18.854	18.868	HH	210943	1705051	15.42%	0.204%
361	18.907	18.868	18.912	HH	217049	5686192	51.42%	0.681%
362	18.927	18.912	18.945	HH	222962	4328444	39.14%	0.518%
363	18.968	18.945	18.988	HH	223418	5600792	50.65%	0.671%
364	19.012	18.988	19.026	HH	234606	5187247	46.91%	0.621%
365	19.039	19.026	19.062	HH	237374	5014841	45.35%	0.601%
366	19.080	19.062	19.118	HH	235867	7687290	69.51%	0.921%
367	19.150	19.118	19.201	HH	236316	11058890	100.00%	1.324%
368	19.209	19.201	19.218	HH	216407	2208645	19.97%	0.264%
369	19.223	19.218	19.233	HH	216991	2005905	18.14%	0.240%
370	19.264	19.233	19.273	HH	219519	5174603	46.79%	0.620%
371	19.296	19.273	19.312	HH	224027	5220984	47.21%	0.625%
372	19.318	19.312	19.362	HH	222440	6525932	59.01%	0.782%
373	19.371	19.362	19.382	HH	216605	2565239	23.20%	0.307%
374	19.429	19.382	19.446	HH	232731	8593189	77.70%	1.029%
375	19.465	19.446	19.496	HH	239629	6846521	61.91%	0.820%
376	19.504	19.496	19.524	HH	223026	3750957	33.92%	0.449%
377	19.555	19.524	19.588	HH	234453	8838823	79.93%	1.058%
378	19.627	19.588	19.653	HH	236597	8928968	80.74%	1.069%
379	19.694	19.653	19.722	HH	238521	9532012	86.19%	1.141%
380	19.728	19.722	19.747	HH	231386	3524383	31.87%	0.422%
381	19.753	19.747	19.759	HH	228877	1608112	14.54%	0.193%
382	19.792	19.759	19.833	HH	256963	10801738	97.67%	1.294%
383	19.857	19.833	19.893	HH	239596	8475110	76.64%	1.015%
384	19.932	19.893	19.956	HH	266703	9341005	84.47%	1.119%
385	19.964	19.956	19.970	HH	240831	1974329	17.85%	0.236%
386	20.005	19.970	20.025	HH	249994	8108766	73.32%	0.971%
387	20.032	20.025	20.034	HH	237248	1242442	11.23%	0.149%
388	20.040	20.034	20.046	HH	237295	1724047	15.59%	0.206%
389	20.083	20.046	20.120	HH	251333	10750829	97.21%	1.287%
390	20.125	20.120	20.130	HH	238305	1349463	12.20%	0.162%
391	20.171	20.130	20.191	HH	247970	8898281	80.46%	1.066%
392	20.199	20.191	20.207	HH	239474	2247531	20.32%	0.269%
393	20.213	20.207	20.219	HH	238454	1823095	16.49%	0.218%
394	20.242	20.219	20.249	HH	247868	4377131	39.58%	0.524%
395	20.254	20.249	20.278	HH	248259	4105563	37.12%	0.492%
396	20.285	20.278	20.292	HH	240404	2123027	19.20%	0.254%
397	20.298	20.292	20.301	HH	239892	1219806	11.03%	0.146%
398	20.318	20.301	20.326	HH	246745	3683035	33.30%	0.441%
399	20.332	20.326	20.340	HH	244400	2049345	18.53%	0.245%
400	20.347	20.340	20.355	HH	244136	2145059	19.40%	0.257%
401	20.382	20.355	20.413	HH	249473	8451392	76.42%	1.012%
402	20.422	20.413	20.428	HH	239042	2179403	19.71%	0.261%
403	20.432	20.428	20.448	HH	238000	2861766	25.88%	0.343%
404	20.454	20.448	20.492	HH	237544	6172095	55.81%	0.739%

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405	20.498	20.492	20.506	HH	234905	2007217	18.15%	0.240%
406	20.534	20.506	20.561	HH	243915	7914427	71.57%	0.948%
407	20.580	20.561	20.620	HH	236625	8226665	74.39%	0.985%
408	20.645	20.620	20.657	HH	234164	5070523	45.85%	0.607%
409	20.668	20.657	20.673	HH	233659	2313269	20.92%	0.277%
410	20.678	20.673	20.699	HH	233165	3526131	31.89%	0.422%
411	20.711	20.699	20.746	HH	229801	6425508	58.10%	0.769%
412	20.768	20.746	20.778	HH	229141	4400010	39.79%	0.527%
413	20.782	20.778	20.794	HH	227264	2209657	19.98%	0.265%
414	20.799	20.794	20.858	HH	224564	8420753	76.14%	1.008%
415	20.864	20.858	20.887	HH	219072	3751354	33.92%	0.449%
416	20.913	20.887	20.959	HH	220947	9442241	85.38%	1.131%
417	20.966	20.959	20.987	HH	210829	3508738	31.73%	0.420%
418	20.993	20.987	21.012	HH	208240	3043257	27.52%	0.364%
419	21.025	21.012	21.033	HH	208730	2641429	23.89%	0.316%
420	21.037	21.033	21.055	HH	208285	2772218	25.07%	0.332%
421	21.068	21.055	21.086	HH	206329	3773367	34.12%	0.452%
422	21.093	21.086	21.111	HH	204271	3069372	27.75%	0.368%
423	21.127	21.111	21.143	HH	204294	3825319	34.59%	0.458%
424	21.148	21.143	21.153	HH	200952	1203713	10.88%	0.144%
425	21.160	21.153	21.173	HH	202251	2407339	21.77%	0.288%
426	21.182	21.173	21.194	HH	199417	2520790	22.79%	0.302%
427	21.200	21.194	21.219	HH	199926	3042521	27.51%	0.364%
428	21.227	21.219	21.243	HH	199227	2856499	25.83%	0.342%
429	21.248	21.243	21.269	HH	198834	3082534	27.87%	0.369%
430	21.272	21.269	21.289	HH	196350	2280979	20.63%	0.273%
431	21.299	21.289	21.312	HH	195140	2745782	24.83%	0.329%
432	21.318	21.312	21.324	HH	194881	1292156	11.68%	0.155%
433	21.329	21.324	21.336	HH	193983	1436413	12.99%	0.172%
434	21.358	21.336	21.386	HH	198329	5896515	53.32%	0.706%
435	21.392	21.386	21.401	HH	192256	1696447	15.34%	0.203%
436	21.419	21.401	21.457	HH	193289	6455053	58.37%	0.773%
437	21.462	21.457	21.476	HH	190241	2123308	19.20%	0.254%
438	21.485	21.476	21.489	HH	188015	1464325	13.24%	0.175%
439	21.495	21.489	21.514	HH	189156	2749991	24.87%	0.329%
440	21.519	21.514	21.553	HH	185576	4285122	38.75%	0.513%
441	21.575	21.553	21.587	HH	183854	3785857	34.23%	0.453%
442	21.593	21.587	21.599	HH	183946	1314934	11.89%	0.157%
443	21.606	21.599	21.625	HH	183790	2883492	26.07%	0.345%
444	21.631	21.625	21.636	HH	182252	1154595	10.44%	0.138%
445	21.651	21.636	21.678	HH	182457	4545162	41.10%	0.544%
446	21.685	21.678	21.708	HH	177236	3101817	28.05%	0.371%
447	21.733	21.708	21.742	HH	177681	3676538	33.25%	0.440%
448	21.749	21.742	21.783	HH	177594	4224766	38.20%	0.506%
449	21.801	21.783	21.807	HH	176483	2565079	23.19%	0.307%
450	21.818	21.807	21.837	HH	176142	3155597	28.53%	0.378%
451	21.857	21.837	21.863	HH	178230	2706972	24.48%	0.324%
452	21.868	21.863	21.893	HH	178454	3182659	28.78%	0.381%
453	21.897	21.893	21.921	HHA	172640	2996801	27.10%	0.359%
					Sum of corrected areas:		835047739	