

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042821\
 Data File : FE033666.D
 Signal(s) : FID1B.CH
 Acq On : 28 Apr 2021 13:44
 Sample : M2170-12 2X
 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	3.020	3.002	3.039	BH	364	563	0.00%	0.000%
2	3.048	3.039	3.072	PH	311	-946	-0.01%	-0.000%
3	3.082	3.072	3.095	PH	-231	-5570	-0.04%	-0.001%
4	3.112	3.095	3.124	PH	1790	10442	0.08%	0.002%
5	3.134	3.124	3.160	HH	1199	2462	0.02%	0.000%
6	3.181	3.160	3.198	PH	24799	184544	1.47%	0.027%
7	3.207	3.198	3.235	HH	1819	3737	0.03%	0.001%
8	3.239	3.235	3.266	PH	-797	-17044	-0.14%	-0.003%
9	3.273	3.266	3.287	PH	-1010	-15090	-0.12%	-0.002%
10	3.301	3.287	3.344	PH	773	-29941	-0.24%	-0.004%
11	3.351	3.344	3.357	PH	-1591	-12924	-0.10%	-0.002%
12	3.366	3.357	3.390	PH	-1478	-32365	-0.26%	-0.005%
13	3.421	3.390	3.442	PH	41	-40788	-0.32%	-0.006%
14	3.453	3.442	3.482	PH	-1160	-36930	-0.29%	-0.005%
15	3.487	3.482	3.507	PH	-1765	-28049	-0.22%	-0.004%
16	3.524	3.507	3.557	PH	-1451	-53107	-0.42%	-0.008%
17	3.569	3.557	3.591	PH	-1799	-39198	-0.31%	-0.006%
18	3.612	3.591	3.649	PH	-1498	-69089	-0.55%	-0.010%
19	3.709	3.649	3.764	PH	1892	-98029	-0.78%	-0.014%
20	3.786	3.764	3.810	PH	-354	-41927	-0.33%	-0.006%
21	3.827	3.810	3.843	PH	-810	-32253	-0.26%	-0.005%
22	3.860	3.843	3.876	PH	-1668	-38489	-0.31%	-0.006%
23	3.910	3.876	3.923	PH	2277	-22326	-0.18%	-0.003%
24	3.929	3.923	3.949	PH	-764	-23761	-0.19%	-0.004%
25	3.959	3.949	3.967	PH	-2047	-24128	-0.19%	-0.004%
26	3.993	3.967	4.047	PH	4875	-48657	-0.39%	-0.007%
27	4.066	4.047	4.099	PH	23820	175016	1.39%	0.026%
28	4.117	4.099	4.145	PH	2372	-5140	-0.04%	-0.001%
29	4.157	4.145	4.199	PH	-1423	-63478	-0.50%	-0.009%
30	4.245	4.199	4.263	PH	14779	95247	0.76%	0.014%
31	4.271	4.263	4.303	PH	454	-25209	-0.20%	-0.004%
32	4.308	4.303	4.317	PH	-2046	-17991	-0.14%	-0.003%
33	4.340	4.317	4.367	PH	-1512	-60986	-0.48%	-0.009%
34	4.405	4.367	4.417	PH	-2143	-71446	-0.57%	-0.011%
35	4.442	4.417	4.457	PH	-1882	-50779	-0.40%	-0.008%
36	4.475	4.457	4.499	PH	590	-31503	-0.25%	-0.005%

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37	4.522	4.499	4.539	PH	2375	-12421	-0.10%	-0.002%
38	4.549	4.539	4.560	PH	-1689	-22573	-0.18%	-0.003%
39	4.579	4.560	4.589	PH	-1415	-29406	-0.23%	-0.004%
40	4.600	4.589	4.610	PH	-447	-12434	-0.10%	-0.002%
41	4.620	4.610	4.649	PH	-339	-32196	-0.26%	-0.005%
42	4.657	4.649	4.665	PH	-2033	-20749	-0.16%	-0.003%
43	4.694	4.665	4.713	PH	-1098	-50021	-0.40%	-0.007%
44	4.728	4.713	4.741	PH	-1659	-32815	-0.26%	-0.005%
45	4.758	4.741	4.775	PH	-1557	-40294	-0.32%	-0.006%
46	4.784	4.775	4.789	PH	-2073	-18748	-0.15%	-0.003%
47	4.807	4.789	4.833	PH	3628	7500	0.06%	0.001%
48	4.845	4.833	4.872	PH	447	-17707	-0.14%	-0.003%
49	4.897	4.872	4.914	PH	-1522	-46525	-0.37%	-0.007%
50	4.929	4.914	4.962	PH	-1551	-54630	-0.43%	-0.008%
51	4.974	4.962	4.992	PH	-1246	-33212	-0.26%	-0.005%
52	5.011	4.992	5.017	PH	-1860	-31280	-0.25%	-0.005%
53	5.035	5.017	5.051	PH	-1500	-35935	-0.29%	-0.005%
54	5.066	5.051	5.077	PH	-1783	-29899	-0.24%	-0.004%
55	5.095	5.077	5.136	PH	-698	-52666	-0.42%	-0.008%
56	5.160	5.136	5.179	PH	-1631	-48260	-0.38%	-0.007%
57	5.210	5.179	5.232	PH	-680	-50947	-0.40%	-0.008%
58	5.243	5.232	5.265	PH	-1791	-41019	-0.33%	-0.006%
59	5.280	5.265	5.299	PH	-2181	-47267	-0.38%	-0.007%
60	5.326	5.299	5.349	PH	3653	-8594	-0.07%	-0.001%
61	5.360	5.349	5.366	PH	-1764	-18567	-0.15%	-0.003%
62	5.385	5.366	5.428	PH	-706	-64795	-0.51%	-0.010%
63	5.433	5.428	5.440	PH	-2241	-15531	-0.12%	-0.002%
64	5.462	5.440	5.487	PH	-1927	-61001	-0.48%	-0.009%
65	5.507	5.487	5.525	PH	263	-23899	-0.19%	-0.004%
66	5.536	5.525	5.547	PH	-990	-15813	-0.13%	-0.002%
67	5.563	5.547	5.601	PH	1294	-27756	-0.22%	-0.004%
68	5.617	5.601	5.641	PH	-1261	-39332	-0.31%	-0.006%
69	5.645	5.641	5.657	PH	-1978	-19576	-0.16%	-0.003%
70	5.676	5.657	5.691	PH	-1385	-34381	-0.27%	-0.005%
71	5.697	5.691	5.709	PH	-1614	-19558	-0.16%	-0.003%
72	5.738	5.709	5.752	PH	-1359	-40927	-0.32%	-0.006%
73	5.812	5.752	5.835	PH	-778	-69219	-0.55%	-0.010%
74	5.846	5.835	5.860	PH	-1326	-22836	-0.18%	-0.003%
75	5.876	5.860	5.886	PH	-772	-17920	-0.14%	-0.003%
76	5.900	5.886	5.919	PH	636	-6059	-0.05%	-0.001%
77	5.938	5.919	5.954	PH	-192	-12069	-0.10%	-0.002%
78	5.960	5.954	5.980	PH	-704	-15128	-0.12%	-0.002%
79	5.995	5.980	6.000	PH	-621	-12046	-0.10%	-0.002%
80	6.013	6.000	6.024	PH	225	-4823	-0.04%	-0.001%
81	6.060	6.024	6.093	PH	18455	190201	1.51%	0.028%
82	6.108	6.093	6.133	PH	-682	-25362	-0.20%	-0.004%
83	6.161	6.133	6.177	PH	-1021	-34441	-0.27%	-0.005%
84	6.201	6.177	6.229	PH	801	-15839	-0.13%	-0.002%
85	6.235	6.229	6.254	PH	-1309	-21494	-0.17%	-0.003%
86	6.271	6.254	6.285	PH	-913	-22762	-0.18%	-0.003%
87	6.304	6.285	6.315	PH	-264	-14707	-0.12%	-0.002%
88	6.332	6.315	6.361	PH	1584	6009	0.05%	0.001%
89	6.378	6.361	6.423	PH	1167	-22921	-0.18%	-0.003%

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90	6.442	6.423	6.454	PH	-1072	-22922	-0.18%	-0.003%
91	6.486	6.454	6.510	PH	2126	582	0.00%	0.000%
92	6.521	6.510	6.546	PH	-382	-17389	-0.14%	-0.003%
93	6.563	6.546	6.582	PH	-657	-20315	-0.16%	-0.003%
94	6.587	6.582	6.596	PH	-961	-8562	-0.07%	-0.001%
95	6.637	6.596	6.673	PH	-116	-35917	-0.29%	-0.005%
96	6.687	6.673	6.701	PH	-622	-13631	-0.11%	-0.002%
97	6.705	6.701	6.725	PH	-1027	-17561	-0.14%	-0.003%
98	6.756	6.725	6.762	PH	283	-12292	-0.10%	-0.002%
99	6.777	6.762	6.797	HH	2218	15553	0.12%	0.002%
100	6.809	6.797	6.841	PH	942	-1819	-0.01%	-0.000%
101	6.866	6.841	6.877	PH	-690	-18325	-0.15%	-0.003%
102	6.911	6.877	6.934	PH	-444	-21566	-0.17%	-0.003%
103	6.958	6.934	6.975	PH	5613	52367	0.42%	0.008%
104	6.984	6.975	7.034	HH	1542	18560	0.15%	0.003%
105	7.046	7.034	7.073	PH	-194	-9060	-0.07%	-0.001%
106	7.115	7.073	7.131	PH	6358	57018	0.45%	0.008%
107	7.139	7.131	7.154	HH	1729	14813	0.12%	0.002%
108	7.161	7.154	7.177	HH	408	1872	0.01%	0.000%
109	7.190	7.177	7.223	PH	893	163	0.00%	0.000%
110	7.251	7.223	7.269	PH	4550	38399	0.30%	0.006%
111	7.282	7.269	7.301	HH	1430	11022	0.09%	0.002%
112	7.313	7.301	7.348	PH	120	-6979	-0.06%	-0.001%
113	7.365	7.348	7.382	PH	-68	-6440	-0.05%	-0.001%
114	7.411	7.382	7.449	PH	3483	28604	0.23%	0.004%
115	7.467	7.449	7.474	PH	79	-1281	-0.01%	-0.000%
116	7.491	7.474	7.510	HH	796	6692	0.05%	0.001%
117	7.528	7.510	7.539	PH	250	2346	0.02%	0.000%
118	7.543	7.539	7.565	HH	282	827	0.01%	0.000%
119	7.587	7.565	7.610	PH	567	5949	0.05%	0.001%
120	7.639	7.610	7.659	PH	181	953	0.01%	0.000%
121	7.665	7.659	7.679	PH	-10	-1620	-0.01%	-0.000%
122	7.701	7.679	7.724	PH	768	7044	0.06%	0.001%
123	7.749	7.724	7.768	HH	601	7885	0.06%	0.001%
124	7.781	7.768	7.798	HH	345	3875	0.03%	0.001%
125	7.819	7.798	7.827	HH	2799	29169	0.23%	0.004%
126	7.839	7.827	7.856	HH	2959	38888	0.31%	0.006%
127	7.866	7.856	7.890	HH	1633	23430	0.19%	0.003%
128	7.893	7.890	7.921	HH	802	10571	0.08%	0.002%
129	7.939	7.921	7.955	HH	741	11305	0.09%	0.002%
130	7.985	7.955	8.024	HH	2087	61121	0.49%	0.009%
131	8.030	8.024	8.043	HH	1153	11749	0.09%	0.002%
132	8.057	8.043	8.076	HH	1367	19143	0.15%	0.003%
133	8.106	8.076	8.145	HH	4438	83595	0.66%	0.012%
134	8.174	8.145	8.195	HH	3297	58078	0.46%	0.009%
135	8.213	8.195	8.227	HH	5478	62668	0.50%	0.009%
136	8.245	8.227	8.265	HH	9518	129400	1.03%	0.019%
137	8.281	8.265	8.311	HH	8205	114668	0.91%	0.017%
138	8.343	8.311	8.366	HH	24934	283589	2.25%	0.042%
139	8.398	8.366	8.431	HH	12097	196763	1.56%	0.029%
140	8.450	8.431	8.469	HH	2106	39559	0.31%	0.006%
141	8.486	8.469	8.502	HH	2315	34135	0.27%	0.005%

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142	8.517	8.502	8.545	HH	1872	41199	0.33%	0.006%
143	8.573	8.545	8.599	HH	3130	68112	0.54%	0.010%
144	8.643	8.599	8.670	HH	4427	103308	0.82%	0.015%
145	8.693	8.670	8.716	HH	11261	149496	1.19%	0.022%
146	8.749	8.716	8.795	HH	4472	156919	1.25%	0.023%
147	8.817	8.795	8.843	HH	5371	101364	0.80%	0.015%
148	8.869	8.843	8.891	HH	2696	69374	0.55%	0.010%
149	8.933	8.891	8.949	HH	4677	114302	0.91%	0.017%
150	8.965	8.949	8.988	HH	7737	107773	0.86%	0.016%
151	9.019	8.988	9.043	HH	4661	111631	0.89%	0.017%
152	9.055	9.043	9.071	HH	3227	46642	0.37%	0.007%
153	9.104	9.071	9.126	HH	10339	169031	1.34%	0.025%
154	9.143	9.126	9.173	HH	4809	96738	0.77%	0.014%
155	9.196	9.173	9.222	HH	2949	78633	0.62%	0.012%
156	9.258	9.222	9.274	HH	4748	105282	0.84%	0.016%
157	9.290	9.274	9.309	HH	4651	76900	0.61%	0.011%
158	9.324	9.309	9.330	HH	3183	38865	0.31%	0.006%
159	9.341	9.330	9.358	HH	3795	55293	0.44%	0.008%
160	9.395	9.358	9.411	HH	5238	120690	0.96%	0.018%
161	9.431	9.411	9.455	HH	12987	187139	1.49%	0.028%
162	9.478	9.455	9.512	HH	13323	245849	1.95%	0.036%
163	9.528	9.512	9.539	HH	5057	73999	0.59%	0.011%
164	9.558	9.539	9.587	HH	6839	147902	1.17%	0.022%
165	9.603	9.587	9.607	HH	4529	51740	0.41%	0.008%
166	9.628	9.607	9.647	HH	6667	127036	1.01%	0.019%
167	9.660	9.647	9.672	HH	4767	66216	0.53%	0.010%
168	9.690	9.672	9.729	HH	5322	157717	1.25%	0.023%
169	9.740	9.729	9.746	HH	4263	40997	0.33%	0.006%
170	9.754	9.746	9.775	HH	4388	73280	0.58%	0.011%
171	9.802	9.775	9.807	HH	8299	111968	0.89%	0.017%
172	9.820	9.807	9.856	HH	10090	205393	1.63%	0.030%
173	9.885	9.856	9.943	HH	11023	370789	2.94%	0.055%
174	9.961	9.943	9.976	HH	5786	102321	0.81%	0.015%
175	9.990	9.976	10.019	HH	5873	130100	1.03%	0.019%
176	10.036	10.019	10.051	HH	5466	94421	0.75%	0.014%
177	10.060	10.051	10.087	HH	4999	104167	0.83%	0.015%
178	10.096	10.087	10.121	HH	4511	88076	0.70%	0.013%
179	10.131	10.121	10.137	HH	4290	39128	0.31%	0.006%
180	10.178	10.137	10.189	HH	6029	161158	1.28%	0.024%
181	10.207	10.189	10.251	HH	8915	243742	1.94%	0.036%
182	10.273	10.251	10.294	HH	8070	169646	1.35%	0.025%
183	10.331	10.294	10.345	HH	8871	215785	1.71%	0.032%
184	10.360	10.345	10.384	HH	9859	182453	1.45%	0.027%
185	10.408	10.384	10.449	HH	10072	287345	2.28%	0.042%
186	10.474	10.449	10.492	HH	10798	219396	1.74%	0.032%
187	10.508	10.492	10.514	HH	9802	116670	0.93%	0.017%
188	10.531	10.514	10.551	HH	16946	280347	2.23%	0.041%
189	10.559	10.551	10.563	HH	9284	63264	0.50%	0.009%
190	10.577	10.563	10.592	HH	10293	165298	1.31%	0.024%
191	10.622	10.592	10.637	HH	12552	275534	2.19%	0.041%
192	10.648	10.637	10.661	HH	11217	148812	1.18%	0.022%
193	10.687	10.661	10.714	HH	16264	396632	3.15%	0.059%
194	10.725	10.714	10.739	HH	10224	144340	1.15%	0.021%

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195	10.756	10.739	10.769	HH	10088	175109	1.39%	0.026%
196	10.785	10.769	10.819	HH	11059	284810	2.26%	0.042%
197	10.823	10.819	10.829	HH	8070	48027	0.38%	0.007%
198	10.848	10.829	10.858	HH	10968	169648	1.35%	0.025%
199	10.882	10.858	10.926	HH	132079	1723101	13.68%	0.255%
200	10.956	10.926	10.978	HH	39944	605068	4.80%	0.089%
201	10.986	10.978	11.005	HH	10786	164533	1.31%	0.024%
202	11.010	11.005	11.029	HH	9497	130883	1.04%	0.019%
203	11.059	11.029	11.075	HH	8760	238884	1.90%	0.035%
204	11.103	11.075	11.118	HH	14707	288886	2.29%	0.043%
205	11.128	11.118	11.148	HH	11049	177185	1.41%	0.026%
206	11.169	11.148	11.214	HH	19705	460131	3.65%	0.068%
207	11.297	11.214	11.307	HH	11194	539566	4.28%	0.080%
208	11.327	11.307	11.364	HH	14143	414579	3.29%	0.061%
209	11.414	11.364	11.453	HH	16309	676392	5.37%	0.100%
210	11.483	11.453	11.502	HH	13412	320073	2.54%	0.047%
211	11.531	11.502	11.553	HH	12847	357462	2.84%	0.053%
212	11.582	11.553	11.604	HH	16370	397981	3.16%	0.059%
213	11.615	11.604	11.621	HH	11563	114057	0.91%	0.017%
214	11.634	11.621	11.655	HH	12229	235159	1.87%	0.035%
215	11.685	11.655	11.700	HH	32143	527223	4.19%	0.078%
216	11.716	11.700	11.740	HH	38477	577943	4.59%	0.085%
217	11.748	11.740	11.761	HH	12643	150566	1.20%	0.022%
218	11.801	11.761	11.818	HH	29755	716655	5.69%	0.106%
219	11.833	11.818	11.848	HH	27833	392211	3.11%	0.058%
220	11.865	11.848	11.894	HH	31465	561510	4.46%	0.083%
221	11.909	11.894	11.920	HH	12489	185294	1.47%	0.027%
222	11.945	11.920	11.964	HH	14256	351581	2.79%	0.052%
223	11.999	11.964	12.022	HH	18189	537834	4.27%	0.079%
224	12.043	12.022	12.065	HH	25625	481660	3.82%	0.071%
225	12.090	12.065	12.125	HH	27929	701148	5.57%	0.104%
226	12.155	12.125	12.179	HH	29104	634753	5.04%	0.094%
227	12.188	12.179	12.203	HH	15440	214970	1.71%	0.032%
228	12.271	12.203	12.349	HH	295653	6172569	49.01%	0.912%
229	12.358	12.349	12.374	HH	18753	277043	2.20%	0.041%
230	12.407	12.374	12.422	HH	21199	551823	4.38%	0.082%
231	12.427	12.422	12.449	HH	19725	298256	2.37%	0.044%
232	12.477	12.449	12.488	HH	23921	486233	3.86%	0.072%
233	12.493	12.488	12.516	HH	22007	323333	2.57%	0.048%
234	12.537	12.516	12.565	HH	28643	664020	5.27%	0.098%
235	12.587	12.565	12.606	HH	35050	647508	5.14%	0.096%
236	12.637	12.606	12.677	HH	28217	1045385	8.30%	0.155%
237	12.706	12.677	12.742	HH	242635	3222114	25.58%	0.476%
238	12.766	12.742	12.784	HH	20826	493441	3.92%	0.073%
239	12.802	12.784	12.817	HH	20530	389138	3.09%	0.058%
240	12.840	12.817	12.850	HH	26012	456834	3.63%	0.068%
241	12.889	12.850	12.902	HH	29688	846793	6.72%	0.125%
242	12.910	12.902	12.929	HH	27384	427341	3.39%	0.063%
243	12.934	12.929	12.975	HH	22900	596747	4.74%	0.088%
244	13.005	12.975	13.029	HH	220246	2893987	22.98%	0.428%
245	13.058	13.029	13.074	HH	39124	821998	6.53%	0.122%
246	13.090	13.074	13.116	HH	40572	758554	6.02%	0.112%

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247	13.141	13.116	13.154	HH	23151	512672	4.07%	0.076%
248	13.175	13.154	13.190	HH	29133	577257	4.58%	0.085%
249	13.205	13.190	13.228	HH	30437	611177	4.85%	0.090%
250	13.269	13.228	13.297	HH	69742	1633767	12.97%	0.241%
251	13.318	13.297	13.373	HH	40014	1510677	12.00%	0.223%
252	13.400	13.373	13.416	HH	34015	761745	6.05%	0.113%
253	13.420	13.416	13.439	HH	29153	393639	3.13%	0.058%
254	13.493	13.439	13.543	HH	177815	4020345	31.92%	0.594%
255	13.592	13.543	13.630	HH	59891	2025771	16.09%	0.299%
256	13.660	13.630	13.676	HH	32812	832592	6.61%	0.123%
257	13.702	13.676	13.722	HH	48505	1059103	8.41%	0.157%
258	13.739	13.722	13.761	HH	47802	911234	7.24%	0.135%
259	13.781	13.761	13.807	HH	35102	907416	7.21%	0.134%
260	13.842	13.807	13.851	HH	40479	950495	7.55%	0.140%
261	13.869	13.851	13.889	HH	49728	982755	7.80%	0.145%
262	13.910	13.889	13.947	HH	46819	1286672	10.22%	0.190%
263	13.985	13.947	14.008	HH	36613	1234019	9.80%	0.182%
264	14.023	14.008	14.030	HH	33498	426987	3.39%	0.063%
265	14.052	14.030	14.089	HH	39581	1269931	10.08%	0.188%
266	14.101	14.089	14.112	HH	34333	468451	3.72%	0.069%
267	14.117	14.112	14.132	HH	34304	414514	3.29%	0.061%
268	14.145	14.132	14.164	HH	34179	639418	5.08%	0.095%
269	14.181	14.164	14.190	HH	34302	526017	4.18%	0.078%
270	14.232	14.190	14.256	HH	50654	1597805	12.69%	0.236%
271	14.300	14.256	14.309	HH	42944	1320778	10.49%	0.195%
272	14.328	14.309	14.370	HH	54743	1591359	12.64%	0.235%
273	14.401	14.370	14.417	HH	45059	1148815	9.12%	0.170%
274	14.430	14.417	14.447	HH	43454	762548	6.05%	0.113%
275	14.462	14.447	14.477	HH	41489	726221	5.77%	0.107%
276	14.505	14.477	14.525	HH	53548	1368154	10.86%	0.202%
277	14.531	14.525	14.547	HH	44122	575782	4.57%	0.085%
278	14.571	14.547	14.592	HH	69541	1463018	11.62%	0.216%
279	14.631	14.592	14.653	HH	62222	1827369	14.51%	0.270%
280	14.662	14.653	14.675	HH	42504	552976	4.39%	0.082%
281	14.692	14.675	14.706	HH	44229	807532	6.41%	0.119%
282	14.739	14.706	14.780	HH	289206	5248609	41.68%	0.776%
283	14.789	14.780	14.812	HH	45330	846789	6.72%	0.125%
284	14.837	14.812	14.855	HH	51967	1188808	9.44%	0.176%
285	14.885	14.855	14.906	HH	155221	2678373	21.27%	0.396%
286	14.926	14.906	14.959	HH	154877	2704798	21.48%	0.400%
287	14.976	14.959	15.003	HH	48446	1244525	9.88%	0.184%
288	15.046	15.003	15.070	HH	66942	2140307	16.99%	0.316%
289	15.077	15.070	15.098	HH	49358	817421	6.49%	0.121%
290	15.124	15.098	15.159	HH	53830	1793179	14.24%	0.265%
291	15.188	15.159	15.204	HH	57633	1423753	11.31%	0.210%
292	15.223	15.204	15.237	HH	54973	1044129	8.29%	0.154%
293	15.243	15.237	15.290	HH	54383	1646824	13.08%	0.243%
294	15.325	15.290	15.369	HH	248005	5273787	41.88%	0.780%
295	15.372	15.369	15.394	HH	56671	833449	6.62%	0.123%
296	15.401	15.394	15.410	HH	53034	480400	3.81%	0.071%
297	15.423	15.410	15.429	HH	53223	619103	4.92%	0.092%
298	15.480	15.429	15.502	HH	80561	2746006	21.80%	0.406%
299	15.518	15.502	15.529	HH	59955	943121	7.49%	0.139%

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300	15.558	15.529	15.579	HH	79926	1997666	15.86%	0.295%
301	15.597	15.579	15.627	HH	67441	1760987	13.98%	0.260%
302	15.644	15.627	15.655	HH	59146	964210	7.66%	0.143%
303	15.723	15.655	15.757	HH	70629	3862119	30.67%	0.571%
304	15.798	15.757	15.819	HH	65423	2273896	18.06%	0.336%
305	15.844	15.819	15.865	HH	66191	1735608	13.78%	0.257%
306	15.881	15.865	15.899	HH	64614	1301140	10.33%	0.192%
307	15.917	15.899	15.939	HH	67672	1540643	12.23%	0.228%
308	15.965	15.939	15.983	HH	69475	1718742	13.65%	0.254%
309	15.988	15.983	16.014	HH	66178	1201644	9.54%	0.178%
310	16.029	16.014	16.045	HH	63792	1173602	9.32%	0.173%
311	16.061	16.045	16.067	HH	64200	848339	6.74%	0.125%
312	16.071	16.067	16.080	HH	63293	483622	3.84%	0.071%
313	16.092	16.080	16.106	HH	64301	986818	7.84%	0.146%
314	16.122	16.106	16.131	HH	64808	998138	7.93%	0.148%
315	16.175	16.131	16.212	HH	75040	3365379	26.72%	0.497%
316	16.233	16.212	16.250	HH	73533	1619442	12.86%	0.239%
317	16.268	16.250	16.297	HH	78385	2144426	17.03%	0.317%
318	16.308	16.297	16.314	HH	73176	706246	5.61%	0.104%
319	16.341	16.314	16.393	HH	111163	4184035	33.22%	0.618%
320	16.404	16.393	16.409	HH	77355	719079	5.71%	0.106%
321	16.449	16.409	16.467	HH	190816	4245632	33.71%	0.628%
322	16.475	16.467	16.510	HH	119801	2408945	19.13%	0.356%
323	16.530	16.510	16.546	HH	78226	1652278	13.12%	0.244%
324	16.579	16.546	16.602	HH	101187	2890334	22.95%	0.427%
325	16.613	16.602	16.649	HH	84582	2323354	18.45%	0.343%
326	16.675	16.649	16.684	HH	82742	1709195	13.57%	0.253%
327	16.771	16.684	16.800	HH	154641	6986120	55.47%	1.033%
328	16.829	16.800	16.855	HH	178776	3984148	31.64%	0.589%
329	16.878	16.855	16.885	HH	92166	1633792	12.97%	0.241%
330	16.925	16.885	16.967	HH	121919	5157086	40.95%	0.762%
331	16.987	16.967	17.014	HH	98650	2699188	21.43%	0.399%
332	17.064	17.014	17.082	HH	101079	4012278	31.86%	0.593%
333	17.088	17.082	17.094	HH	99463	704602	5.59%	0.104%
334	17.141	17.094	17.148	HH	104446	3276371	26.02%	0.484%
335	17.168	17.148	17.185	HH	109032	2365624	18.78%	0.350%
336	17.195	17.185	17.220	HH	108631	2238706	17.78%	0.331%
337	17.235	17.220	17.264	HH	108197	2789755	22.15%	0.412%
338	17.287	17.264	17.311	HH	119373	3147792	24.99%	0.465%
339	17.366	17.311	17.394	HH	137902	5972460	47.42%	0.883%
340	17.411	17.394	17.431	HH	111321	2410476	19.14%	0.356%
341	17.446	17.431	17.465	HH	110800	2170651	17.24%	0.321%
342	17.492	17.465	17.522	HH	122868	3887851	30.87%	0.575%
343	17.530	17.522	17.534	HH	108276	765120	6.08%	0.113%
344	17.544	17.534	17.566	HH	109859	2114866	16.79%	0.313%
345	17.582	17.566	17.610	HH	109615	2860649	22.71%	0.423%
346	17.623	17.610	17.630	HH	108986	1286603	10.22%	0.190%
347	17.649	17.630	17.655	HH	112067	1654254	13.14%	0.245%
348	17.661	17.655	17.665	HH	111811	640252	5.08%	0.095%
349	17.670	17.665	17.688	HH	111823	1554069	12.34%	0.230%
350	17.716	17.688	17.740	HH	118741	3585477	28.47%	0.530%
351	17.808	17.740	17.844	HH	166099	8107199	64.37%	1.198%

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352	17.861	17.844	17.873	HH	121962	2106116	16.72%	0.311%
353	17.893	17.873	17.915	HH	126104	3108987	24.69%	0.460%
354	17.934	17.915	17.940	HH	128192	1887207	14.99%	0.279%
355	17.964	17.940	18.015	HH	146593	6194103	49.18%	0.916%
356	18.046	18.015	18.084	HH	138815	5398457	42.87%	0.798%
357	18.112	18.084	18.123	HH	143547	3183367	25.28%	0.471%
358	18.129	18.123	18.136	HH	139143	1046679	8.31%	0.155%
359	18.141	18.136	18.145	HH	138850	779596	6.19%	0.115%
360	18.169	18.145	18.189	HH	203496	4552512	36.15%	0.673%
361	18.204	18.189	18.219	HH	187178	3131976	24.87%	0.463%
362	18.230	18.219	18.274	HH	182558	5116469	40.63%	0.756%
363	18.286	18.274	18.305	HH	138895	2585250	20.53%	0.382%
364	18.334	18.305	18.354	HH	168512	4325528	34.35%	0.639%
365	18.366	18.354	18.390	HH	149065	3182323	25.27%	0.470%
366	18.395	18.390	18.431	HH	136447	3209067	25.48%	0.474%
367	18.461	18.431	18.508	HH	185611	6878592	54.62%	1.017%
368	18.538	18.508	18.560	HH	138693	4257634	33.81%	0.629%
369	18.590	18.560	18.609	HH	150134	4181635	33.20%	0.618%
370	18.640	18.609	18.670	HH	194426	5852767	46.47%	0.865%
371	18.687	18.670	18.693	HH	139696	1875819	14.89%	0.277%
372	18.699	18.693	18.703	HH	139870	856156	6.80%	0.127%
373	18.733	18.703	18.739	HH	153296	3124361	24.81%	0.462%
374	18.754	18.739	18.782	HH	155587	3953260	31.39%	0.584%
375	18.804	18.782	18.835	HH	160302	4863988	38.62%	0.719%
376	18.840	18.835	18.846	HH	146968	913640	7.25%	0.135%
377	18.856	18.846	18.861	HH	149278	1310385	10.41%	0.194%
378	18.868	18.861	18.875	HH	149299	1321492	10.49%	0.195%
379	18.893	18.875	18.907	HH	154983	2919577	23.18%	0.432%
380	18.928	18.907	18.957	HH	159646	4568072	36.27%	0.675%
381	19.002	18.957	19.023	HH	207924	7036679	55.87%	1.040%
382	19.043	19.023	19.069	HH	195067	5074486	40.29%	0.750%
383	19.076	19.069	19.111	HH	174059	4104638	32.59%	0.607%
384	19.144	19.111	19.163	HH	167069	5059956	40.18%	0.748%
385	19.177	19.163	19.211	HH	169362	4693549	37.27%	0.694%
386	19.219	19.211	19.225	HH	156140	1279200	10.16%	0.189%
387	19.231	19.225	19.236	HH	155210	980261	7.78%	0.145%
388	19.287	19.236	19.303	HH	162909	6386812	50.71%	0.944%
389	19.314	19.303	19.319	HH	163166	1539560	12.22%	0.228%
390	19.341	19.319	19.367	HH	173635	4877503	38.73%	0.721%
391	19.428	19.367	19.450	HH	191828	8576493	68.10%	1.268%
392	19.471	19.450	19.478	HH	173311	2910337	23.11%	0.430%
393	19.497	19.478	19.515	HH	178591	3925452	31.17%	0.580%
394	19.524	19.515	19.528	HH	177251	1336476	10.61%	0.198%
395	19.552	19.528	19.572	HH	180431	4727500	37.54%	0.699%
396	19.592	19.572	19.600	HH	187880	3093392	24.56%	0.457%
397	19.623	19.600	19.644	HH	196109	5008213	39.77%	0.740%
398	19.690	19.644	19.731	HH	197419	9644540	76.58%	1.426%
399	19.745	19.731	19.754	HH	183231	2497315	19.83%	0.369%
400	19.788	19.754	19.834	HH	381102	11828089	93.92%	1.748%
401	19.840	19.834	19.851	HH	185695	1895524	15.05%	0.280%
402	19.864	19.851	19.875	HH	187187	2753087	21.86%	0.407%
403	19.908	19.875	19.925	HH	190870	5584496	44.34%	0.825%
404	19.946	19.925	19.952	HH	190138	3051530	24.23%	0.451%

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405	20.002	19.952	20.028	HH	217415	9212436	73.15%	1.362%
406	20.040	20.028	20.046	HH	199159	2159760	17.15%	0.319%
407	20.068	20.046	20.086	HH	206048	4856482	38.56%	0.718%
408	20.094	20.086	20.117	HH	203101	3728170	29.60%	0.551%
409	20.122	20.117	20.134	HH	202216	2065395	16.40%	0.305%
410	20.171	20.134	20.194	HH	218746	7614025	60.46%	1.125%
411	20.202	20.194	20.217	HH	204948	2748247	21.82%	0.406%
412	20.238	20.217	20.273	HH	208688	6951533	55.20%	1.028%
413	20.281	20.273	20.294	HH	209551	2566670	20.38%	0.379%
414	20.324	20.294	20.328	HH	211541	4361758	34.63%	0.645%
415	20.378	20.328	20.423	HH	249391	12593773	100.00%	1.862%
416	20.435	20.423	20.465	HH	210481	5229974	41.53%	0.773%
417	20.481	20.465	20.505	HH	207043	5000133	39.70%	0.739%
418	20.526	20.505	20.557	HH	219091	6583499	52.28%	0.973%
419	20.573	20.557	20.579	HH	207442	2661968	21.14%	0.393%
420	20.600	20.579	20.609	HH	208779	3716570	29.51%	0.549%
421	20.647	20.609	20.653	HH	213652	5651980	44.88%	0.835%
422	20.662	20.653	20.717	HH	215372	8027798	63.74%	1.187%
423	20.726	20.717	20.744	HH	205993	3246873	25.78%	0.480%
424	20.756	20.744	20.762	HH	206915	2265483	17.99%	0.335%
425	20.774	20.762	20.779	HH	209197	2091188	16.60%	0.309%
426	20.783	20.779	20.786	HH	209154	888849	7.06%	0.131%
427	20.789	20.786	20.797	HH	209111	1471690	11.69%	0.218%
428	20.809	20.797	20.844	HH	210226	5758580	45.73%	0.851%
429	20.848	20.844	20.876	HH	205392	3912421	31.07%	0.578%
430	20.880	20.876	20.886	HH	202007	1242287	9.86%	0.184%
431	20.916	20.886	20.984	HH	212269	11805053	93.74%	1.745%
432	20.994	20.984	21.003	HH	194929	2137193	16.97%	0.316%
433	21.031	21.003	21.037	HH	198648	3979346	31.60%	0.588%
434	21.063	21.037	21.068	HH	200985	3713123	29.48%	0.549%
435	21.070	21.068	21.079	HH	201059	1352218	10.74%	0.200%
436	21.084	21.079	21.087	HH	200062	1007678	8.00%	0.149%
437	21.098	21.087	21.109	HH	201228	2636904	20.94%	0.390%
438	21.118	21.109	21.125	HH	198979	1927616	15.31%	0.285%
439	21.133	21.125	21.182	HH	199805	6636964	52.70%	0.981%
440	21.187	21.182	21.192	HH	190089	1136581	9.02%	0.168%
441	21.207	21.192	21.214	HH	191912	2475371	19.66%	0.366%
442	21.219	21.214	21.232	HH	190832	2107761	16.74%	0.312%
443	21.241	21.232	21.275	HH	192004	4896620	38.88%	0.724%
444	21.283	21.275	21.299	HH	190038	2678825	21.27%	0.396%
445	21.304	21.299	21.307	HH	188496	966799	7.68%	0.143%
446	21.353	21.307	21.388	HH	199072	9355932	74.29%	1.383%
447	21.405	21.388	21.475	HH	193598	9891813	78.55%	1.462%
448	21.481	21.475	21.485	HH	184558	1163261	9.24%	0.172%
449	21.489	21.485	21.495	HH	185605	1059222	8.41%	0.157%
450	21.515	21.495	21.528	HH	187215	3684621	29.26%	0.545%
451	21.546	21.528	21.551	HH	189202	2580620	20.49%	0.381%
452	21.556	21.551	21.562	HH	189143	1227791	9.75%	0.181%
453	21.587	21.562	21.616	HH	190023	6124847	48.63%	0.905%
454	21.624	21.616	21.635	HH	186840	2132311	16.93%	0.315%
455	21.645	21.635	21.666	HH	187324	3394305	26.95%	0.502%
456	21.671	21.666	21.674	HH	183558	899363	7.14%	0.133%

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457	21.679	21.674	21.689	HH	183661	1656601	13.15%	0.245%
458	21.695	21.689	21.700	HH	182344	1168679	9.28%	0.173%
459	21.734	21.700	21.748	HH	189163	5349406	42.48%	0.791%
460	21.752	21.748	21.769	HH	186058	2385997	18.95%	0.353%
461	21.777	21.769	21.788	HH	180702	1986562	15.77%	0.294%
462	21.818	21.788	21.822	HH	183147	3691402	29.31%	0.546%
463	21.856	21.822	21.898	HH	187227	8304222	65.94%	1.227%
					Sum of corrected areas:		676531043	

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