

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101821\
 Data File : FG008916.D
 Signal(s) : FID1A.ch
 Acq On : 18 Oct 2021 13:37
 Sample : M4089-06 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.314	2.308	2.328	HH	718	7444	0.29%	0.006%
2	2.340	2.328	2.352	HH	1040	11837	0.47%	0.010%
3	2.357	2.352	2.369	HH	683	6287	0.25%	0.005%
4	2.371	2.369	2.374	HH	597	1983	0.08%	0.002%
5	2.379	2.374	2.386	HH	651	4245	0.17%	0.004%
6	2.391	2.386	2.420	HH	631	11697	0.46%	0.010%
7	2.428	2.420	2.460	HH	636	13460	0.53%	0.011%
8	2.468	2.460	2.476	HH	592	5373	0.21%	0.004%
9	2.483	2.476	2.496	HH	577	7103	0.28%	0.006%
10	2.500	2.496	2.506	HH	632	3398	0.13%	0.003%
11	2.510	2.506	2.528	HH	617	7228	0.29%	0.006%
12	2.548	2.528	2.566	HH	606	12965	0.51%	0.011%
13	2.578	2.566	2.599	HH	940	13789	0.55%	0.011%
14	2.609	2.599	2.628	HH	722	11635	0.46%	0.010%
15	2.635	2.628	2.645	HH	656	5783	0.23%	0.005%
16	2.656	2.645	2.658	HH	571	4255	0.17%	0.004%
17	2.663	2.658	2.682	HH	692	7979	0.32%	0.007%
18	2.697	2.682	2.708	HH	607	8305	0.33%	0.007%
19	2.713	2.708	2.728	HH	593	6274	0.25%	0.005%
20	2.732	2.728	2.738	HH	517	3241	0.13%	0.003%
21	2.743	2.738	2.752	HH	546	4151	0.16%	0.003%
22	2.758	2.752	2.779	HH	570	7818	0.31%	0.006%
23	2.802	2.779	2.852	HH	1102	27871	1.10%	0.023%
24	2.854	2.852	2.876	HH	566	6925	0.27%	0.006%
25	2.893	2.876	2.929	HH	1210	27069	1.07%	0.022%
26	2.934	2.929	2.942	HH	589	4127	0.16%	0.003%
27	2.962	2.942	2.980	HH	802	13796	0.55%	0.011%
28	2.990	2.980	3.010	HH	618	9436	0.37%	0.008%
29	3.015	3.010	3.033	HH	542	6715	0.27%	0.006%
30	3.065	3.033	3.087	HH	610	16932	0.67%	0.014%
31	3.092	3.087	3.105	HH	524	4714	0.19%	0.004%
32	3.118	3.105	3.150	HH	983	18233	0.72%	0.015%
33	3.153	3.150	3.167	HH	552	5175	0.20%	0.004%
34	3.170	3.167	3.174	HH	482	2001	0.08%	0.002%
35	3.177	3.174	3.180	HH	491	1811	0.07%	0.001%
36	3.191	3.180	3.206	HH	570	7520	0.30%	0.006%

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37	3.210	3.206	3.223	HH	512	4919	0.19%	0.004%
38	3.232	3.223	3.238	HH	488	4022	0.16%	0.003%
39	3.242	3.238	3.257	HH	456	4376	0.17%	0.004%
40	3.272	3.257	3.277	HH	491	5014	0.20%	0.004%
41	3.281	3.277	3.296	HH	437	4679	0.19%	0.004%
42	3.306	3.296	3.310	HH	480	3788	0.15%	0.003%
43	3.320	3.310	3.332	HH	537	5453	0.22%	0.004%
44	3.336	3.332	3.351	HH	462	4445	0.18%	0.004%
45	3.364	3.351	3.397	HH	582	11985	0.47%	0.010%
46	3.404	3.397	3.449	HH	444	11326	0.45%	0.009%
47	3.451	3.449	3.457	HH	428	1910	0.08%	0.002%
48	3.465	3.457	3.484	HH	460	5883	0.23%	0.005%
49	3.490	3.484	3.502	HH	415	4238	0.17%	0.003%
50	3.544	3.502	3.554	HH	428	10930	0.43%	0.009%
51	3.561	3.554	3.574	HH	390	4183	0.17%	0.003%
52	3.577	3.574	3.582	HH	345	1575	0.06%	0.001%
53	3.589	3.582	3.597	HH	384	2783	0.11%	0.002%
54	3.604	3.597	3.612	HH	380	2875	0.11%	0.002%
55	3.629	3.612	3.652	HH	494	8804	0.35%	0.007%
56	3.669	3.652	3.716	HH	527	13929	0.55%	0.011%
57	3.726	3.716	3.735	HH	345	3508	0.14%	0.003%
58	3.743	3.735	3.766	HH	407	6252	0.25%	0.005%
59	3.771	3.766	3.774	HH	335	1684	0.07%	0.001%
60	3.779	3.774	3.784	HH	363	1918	0.08%	0.002%
61	3.795	3.784	3.801	HH	402	3536	0.14%	0.003%
62	3.811	3.801	3.830	HH	488	6990	0.28%	0.006%
63	3.866	3.830	3.927	HH	532	21501	0.85%	0.018%
64	3.950	3.927	3.970	HH	630	10559	0.42%	0.009%
65	3.975	3.970	4.010	HH	444	7959	0.31%	0.007%
66	4.036	4.010	4.054	HH	428	9144	0.36%	0.008%
67	4.068	4.054	4.082	HH	449	6027	0.24%	0.005%
68	4.101	4.082	4.108	HH	540	6232	0.25%	0.005%
69	4.115	4.108	4.121	HH	517	3498	0.14%	0.003%
70	4.130	4.121	4.179	HH	510	12922	0.51%	0.011%
71	4.184	4.179	4.189	HH	396	2132	0.08%	0.002%
72	4.209	4.189	4.234	HH	903	15191	0.60%	0.013%
73	4.256	4.234	4.334	HH	690	27193	1.08%	0.022%
74	4.336	4.334	4.344	HH	377	1846	0.07%	0.002%
75	4.351	4.344	4.372	HH	337	5159	0.20%	0.004%
76	4.393	4.372	4.420	HH	468	10399	0.41%	0.009%
77	4.440	4.420	4.467	HH	572	10753	0.43%	0.009%
78	4.471	4.467	4.476	HH	322	1560	0.06%	0.001%
79	4.483	4.476	4.502	HH	424	5601	0.22%	0.005%
80	4.516	4.502	4.528	HH	373	4647	0.18%	0.004%
81	4.547	4.528	4.575	HH	996	14956	0.59%	0.012%
82	4.592	4.575	4.624	HH	1098	16249	0.64%	0.013%
83	4.645	4.624	4.658	HH	590	8952	0.35%	0.007%
84	4.661	4.658	4.684	HH	523	6125	0.24%	0.005%
85	4.687	4.684	4.710	HH	368	4476	0.18%	0.004%
86	4.730	4.710	4.746	HH	394	5615	0.22%	0.005%
87	4.751	4.746	4.785	HH	262	4844	0.19%	0.004%
88	4.827	4.785	4.845	HH	483	10644	0.42%	0.009%
89	4.855	4.845	4.876	HH	409	5301	0.21%	0.004%

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90	4.894	4.876	4.909	HH	298	5315	0.21%	0.004%
91	4.915	4.909	4.919	HH	312	1516	0.06%	0.001%
92	4.921	4.919	4.934	HH	275	2046	0.08%	0.002%
93	4.940	4.934	4.955	HH	250	2500	0.10%	0.002%
94	4.963	4.955	4.984	HH	236	3318	0.13%	0.003%
95	4.990	4.984	4.996	HH	230	1437	0.06%	0.001%
96	5.026	4.996	5.079	HH	618	15788	0.62%	0.013%
97	5.089	5.079	5.109	HH	321	4381	0.17%	0.004%
98	5.124	5.109	5.154	HH	388	7857	0.31%	0.006%
99	5.161	5.154	5.210	HH	335	8202	0.32%	0.007%
100	5.222	5.210	5.235	HH	232	2789	0.11%	0.002%
101	5.240	5.235	5.242	HH	195	735	0.03%	0.001%
102	5.303	5.242	5.404	HH	3690	106733	4.22%	0.088%
103	5.406	5.404	5.424	HH	655	6356	0.25%	0.005%
104	5.430	5.424	5.463	HH	559	10974	0.43%	0.009%
105	5.481	5.463	5.500	HH	910	13605	0.54%	0.011%
106	5.515	5.500	5.532	HH	501	8153	0.32%	0.007%
107	5.539	5.532	5.558	HH	372	5639	0.22%	0.005%
108	5.562	5.558	5.591	HH	335	5268	0.21%	0.004%
109	5.599	5.591	5.637	HH	330	6705	0.27%	0.006%
110	5.675	5.637	5.694	HH	457	9178	0.36%	0.008%
111	5.702	5.694	5.719	HH	256	3281	0.13%	0.003%
112	5.730	5.719	5.735	HH	264	2256	0.09%	0.002%
113	5.766	5.735	5.807	HH	434	13029	0.52%	0.011%
114	5.827	5.807	5.842	HH	315	4974	0.20%	0.004%
115	5.858	5.842	5.877	HH	306	4599	0.18%	0.004%
116	5.891	5.877	5.897	HH	312	2613	0.10%	0.002%
117	5.903	5.897	5.914	HH	260	2334	0.09%	0.002%
118	5.942	5.914	5.966	HH	379	7947	0.31%	0.007%
119	5.985	5.966	6.010	HH	372	6607	0.26%	0.005%
120	6.043	6.010	6.097	HH	1811	41507	1.64%	0.034%
121	6.125	6.097	6.153	HH	1155	29925	1.18%	0.025%
122	6.176	6.153	6.204	HH	1430	29874	1.18%	0.025%
123	6.214	6.204	6.238	HH	630	11163	0.44%	0.009%
124	6.273	6.238	6.303	HH	971	23119	0.91%	0.019%
125	6.310	6.303	6.321	HH	455	4555	0.18%	0.004%
126	6.324	6.321	6.329	HH	414	1937	0.08%	0.002%
127	6.335	6.329	6.341	HH	424	2676	0.11%	0.002%
128	6.348	6.341	6.376	HH	432	6488	0.26%	0.005%
129	6.381	6.376	6.404	HH	309	5411	0.21%	0.004%
130	6.409	6.404	6.434	HH	327	4825	0.19%	0.004%
131	6.464	6.434	6.534	HH	1250	23513	0.93%	0.019%
132	6.538	6.534	6.541	HH	210	799	0.03%	0.001%
133	6.546	6.541	6.550	HH	221	1079	0.04%	0.001%
134	6.554	6.550	6.564	HH	256	1562	0.06%	0.001%
135	6.585	6.564	6.603	HH	308	5211	0.21%	0.004%
136	6.616	6.603	6.633	HH	541	6487	0.26%	0.005%
137	6.643	6.633	6.649	HH	242	2088	0.08%	0.002%
138	6.658	6.649	6.677	HH	257	3630	0.14%	0.003%
139	6.679	6.677	6.716	HH	233	3787	0.15%	0.003%
140	6.721	6.716	6.724	HH	153	688	0.03%	0.001%
141	6.750	6.724	6.775	HH	284	5436	0.22%	0.004%

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142	6.789	6.775	6.797	HH	254	2454	0.10%	0.002%
143	6.802	6.797	6.811	HH	236	1598	0.06%	0.001%
144	6.824	6.811	6.834	HH	211	2239	0.09%	0.002%
145	6.872	6.834	6.894	HH	489	9266	0.37%	0.008%
146	6.903	6.894	6.932	HH	263	4270	0.17%	0.004%
147	6.965	6.932	6.969	HH	362	4808	0.19%	0.004%
148	6.981	6.969	7.014	HH	379	8107	0.32%	0.007%
149	7.031	7.014	7.056	HH	397	6672	0.26%	0.006%
150	7.077	7.056	7.089	HH	354	5271	0.21%	0.004%
151	7.106	7.089	7.120	HH	558	8226	0.33%	0.007%
152	7.126	7.120	7.152	HH	553	8086	0.32%	0.007%
153	7.169	7.152	7.192	HH	549	9488	0.38%	0.008%
154	7.194	7.192	7.216	HH	371	4255	0.17%	0.004%
155	7.239	7.216	7.291	HH	865	21402	0.85%	0.018%
156	7.297	7.291	7.334	HH	278	6037	0.24%	0.005%
157	7.353	7.334	7.361	HH	248	3288	0.13%	0.003%
158	7.393	7.361	7.426	HH	1330	24181	0.96%	0.020%
159	7.432	7.426	7.476	HH	348	7071	0.28%	0.006%
160	7.481	7.476	7.493	HH	265	1972	0.08%	0.002%
161	7.525	7.493	7.546	HH	225	5220	0.21%	0.004%
162	7.570	7.546	7.593	HH	398	7456	0.29%	0.006%
163	7.596	7.593	7.617	HH	228	2755	0.11%	0.002%
164	7.621	7.617	7.639	HH	186	1961	0.08%	0.002%
165	7.645	7.639	7.652	HH	158	962	0.04%	0.001%
166	7.660	7.652	7.665	HH	201	1164	0.05%	0.001%
167	7.678	7.665	7.716	HH	280	5586	0.22%	0.005%
168	7.719	7.716	7.725	HH	218	1083	0.04%	0.001%
169	7.731	7.725	7.747	HH	247	2720	0.11%	0.002%
170	7.764	7.747	7.791	HH	223	3974	0.16%	0.003%
171	7.820	7.791	7.866	HH	992	29958	1.19%	0.025%
172	7.871	7.866	7.894	HH	562	7186	0.28%	0.006%
173	7.915	7.894	7.944	HH	453	10210	0.40%	0.008%
174	7.969	7.944	7.977	HH	496	7888	0.31%	0.007%
175	8.002	7.977	8.017	HH	639	13265	0.52%	0.011%
176	8.021	8.017	8.064	HH	575	11761	0.47%	0.010%
177	8.088	8.064	8.163	HH	1616	40707	1.61%	0.034%
178	8.169	8.163	8.182	HH	397	4190	0.17%	0.003%
179	8.203	8.182	8.221	HH	1084	18780	0.74%	0.015%
180	8.234	8.221	8.251	HH	1121	17884	0.71%	0.015%
181	8.268	8.251	8.328	HH	2011	41356	1.64%	0.034%
182	8.385	8.328	8.416	HH	885	31704	1.25%	0.026%
183	8.421	8.416	8.451	HH	420	8014	0.32%	0.007%
184	8.483	8.451	8.494	HH	498	10575	0.42%	0.009%
185	8.499	8.494	8.507	HH	490	3477	0.14%	0.003%
186	8.513	8.507	8.543	HH	459	7609	0.30%	0.006%
187	8.550	8.543	8.583	HH	411	6150	0.24%	0.005%
188	8.609	8.583	8.619	HH	262	4733	0.19%	0.004%
189	8.631	8.619	8.636	HH	381	3178	0.13%	0.003%
190	8.641	8.636	8.645	HH	390	2052	0.08%	0.002%
191	8.682	8.645	8.716	HH	5148	77269	3.06%	0.064%
192	8.720	8.716	8.762	HH	931	21925	0.87%	0.018%
193	8.765	8.762	8.780	HH	651	5585	0.22%	0.005%
194	8.804	8.780	8.830	HH	1161	20508	0.81%	0.017%

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195	8.837	8.830	8.844	HH	415	3312	0.13%	0.003%
196	8.855	8.844	8.898	HH	518	13090	0.52%	0.011%
197	8.924	8.898	8.946	HH	1472	24252	0.96%	0.020%
198	8.966	8.946	8.979	HH	984	16300	0.64%	0.013%
199	8.992	8.979	9.064	HH	1195	35311	1.40%	0.029%
200	9.093	9.064	9.121	HH	2242	36661	1.45%	0.030%
201	9.134	9.121	9.159	HH	817	14731	0.58%	0.012%
202	9.165	9.159	9.206	HH	511	11954	0.47%	0.010%
203	9.247	9.206	9.266	HH	716	14736	0.58%	0.012%
204	9.282	9.266	9.311	HH	620	12898	0.51%	0.011%
205	9.331	9.311	9.347	HH	478	8317	0.33%	0.007%
206	9.393	9.347	9.413	HH	1416	28712	1.14%	0.024%
207	9.429	9.413	9.447	HH	1156	18165	0.72%	0.015%
208	9.472	9.447	9.528	HH	2977	65569	2.59%	0.054%
209	9.550	9.528	9.576	HH	1257	26003	1.03%	0.021%
210	9.593	9.576	9.603	HH	1245	16212	0.64%	0.013%
211	9.622	9.603	9.644	HH	1962	34696	1.37%	0.029%
212	9.649	9.644	9.665	HH	1045	11084	0.44%	0.009%
213	9.699	9.665	9.740	HH	1365	42004	1.66%	0.035%
214	9.748	9.740	9.767	HH	674	8907	0.35%	0.007%
215	9.793	9.767	9.846	HH	1104	35551	1.41%	0.029%
216	9.873	9.846	9.889	HH	2241	33615	1.33%	0.028%
217	9.895	9.889	9.924	HH	1213	21779	0.86%	0.018%
218	9.932	9.924	9.972	HH	892	22950	0.91%	0.019%
219	9.982	9.972	10.015	HH	850	16367	0.65%	0.014%
220	10.041	10.015	10.056	HH	617	12735	0.50%	0.011%
221	10.059	10.056	10.084	HH	669	9155	0.36%	0.008%
222	10.089	10.084	10.099	HH	545	4312	0.17%	0.004%
223	10.102	10.099	10.122	HH	411	5461	0.22%	0.005%
224	10.126	10.122	10.129	HH	389	1647	0.07%	0.001%
225	10.142	10.129	10.151	HH	527	5577	0.22%	0.005%
226	10.156	10.151	10.182	HH	618	8720	0.34%	0.007%
227	10.185	10.182	10.197	HH	512	3953	0.16%	0.003%
228	10.216	10.197	10.243	HH	791	15996	0.63%	0.013%
229	10.264	10.243	10.299	HH	1147	26199	1.04%	0.022%
230	10.322	10.299	10.333	HH	1020	16576	0.66%	0.014%
231	10.355	10.333	10.379	HH	1680	30857	1.22%	0.025%
232	10.396	10.379	10.443	HH	1239	32443	1.28%	0.027%
233	10.476	10.443	10.490	HH	1463	30550	1.21%	0.025%
234	10.494	10.490	10.511	HH	1142	13200	0.52%	0.011%
235	10.532	10.511	10.564	HH	1007	30157	1.19%	0.025%
236	10.569	10.564	10.583	HH	946	9163	0.36%	0.008%
237	10.613	10.583	10.631	HH	2354	39493	1.56%	0.033%
238	10.642	10.631	10.651	HH	1330	14056	0.56%	0.012%
239	10.684	10.651	10.739	HH	2650	93232	3.69%	0.077%
240	10.747	10.739	10.766	HH	1011	15179	0.60%	0.013%
241	10.778	10.766	10.794	HH	1012	14465	0.57%	0.012%
242	10.805	10.794	10.827	HH	953	16671	0.66%	0.014%
243	10.838	10.827	10.851	HH	1044	13537	0.54%	0.011%
244	10.879	10.851	10.936	HH	19090	302471	11.97%	0.250%
245	10.957	10.936	11.059	HH	5915	172105	6.81%	0.142%
246	11.064	11.059	11.100	HH	1294	27919	1.10%	0.023%

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247	11.107	11.100	11.112	HH	1044	7211	0.29%	0.006%
248	11.124	11.112	11.129	HH	1148	11069	0.44%	0.009%
249	11.159	11.129	11.172	HH	1693	35234	1.39%	0.029%
250	11.183	11.172	11.236	HH	1773	54395	2.15%	0.045%
251	11.243	11.236	11.259	HH	1276	16308	0.65%	0.013%
252	11.276	11.259	11.291	HH	1288	22142	0.88%	0.018%
253	11.318	11.291	11.346	HH	2344	50203	1.99%	0.041%
254	11.407	11.346	11.449	HH	2557	92633	3.66%	0.076%
255	11.476	11.449	11.497	HH	1502	35397	1.40%	0.029%
256	11.515	11.497	11.521	HH	1338	17338	0.69%	0.014%
257	11.536	11.521	11.564	HH	1544	34486	1.36%	0.028%
258	11.583	11.564	11.601	HH	1425	29022	1.15%	0.024%
259	11.609	11.601	11.627	HH	1431	21837	0.86%	0.018%
260	11.642	11.627	11.654	HH	1402	21060	0.83%	0.017%
261	11.684	11.654	11.699	HH	4382	71379	2.82%	0.059%
262	11.716	11.699	11.766	HH	4879	110131	4.36%	0.091%
263	11.799	11.766	11.818	HH	5886	110485	4.37%	0.091%
264	11.833	11.818	11.847	HH	3652	52540	2.08%	0.043%
265	11.865	11.847	11.908	HH	4967	120853	4.78%	0.100%
266	11.988	11.908	12.009	HH	2678	112207	4.44%	0.093%
267	12.043	12.009	12.137	HH	79045	1036104	40.99%	0.855%
268	12.159	12.137	12.206	HH	3438	104419	4.13%	0.086%
269	12.240	12.206	12.285	HH	15354	267049	10.56%	0.220%
270	12.302	12.285	12.315	HH	2893	47876	1.89%	0.039%
271	12.328	12.315	12.338	HH	2615	34521	1.37%	0.028%
272	12.343	12.338	12.346	HH	2492	12022	0.48%	0.010%
273	12.353	12.346	12.376	HH	2525	41252	1.63%	0.034%
274	12.409	12.376	12.421	HH	2826	67120	2.66%	0.055%
275	12.429	12.421	12.444	HH	2512	33520	1.33%	0.028%
276	12.487	12.444	12.538	HH	20117	352299	13.94%	0.291%
277	12.587	12.538	12.606	HH	4239	136090	5.38%	0.112%
278	12.630	12.606	12.667	HH	3928	120046	4.75%	0.099%
279	12.706	12.667	12.793	HH	24475	489544	19.37%	0.404%
280	12.812	12.793	12.830	HH	2772	59366	2.35%	0.049%
281	12.861	12.830	12.872	HH	3163	73015	2.89%	0.060%
282	12.894	12.872	12.912	HH	3785	79116	3.13%	0.065%
283	12.929	12.912	12.975	HH	3206	112724	4.46%	0.093%
284	13.006	12.975	13.037	HH	26271	402407	15.92%	0.332%
285	13.065	13.037	13.098	HH	191398	2527938	100.00%	2.085%
286	13.122	13.098	13.146	HH	149067	1900379	75.18%	1.568%
287	13.156	13.146	13.202	HH	16991	312606	12.37%	0.258%
288	13.217	13.202	13.234	HH	5202	90307	3.57%	0.074%
289	13.245	13.234	13.252	HH	4926	52095	2.06%	0.043%
290	13.301	13.252	13.354	HH	35347	672680	26.61%	0.555%
291	13.361	13.354	13.381	HH	5089	73115	2.89%	0.060%
292	13.403	13.381	13.442	HH	4517	152384	6.03%	0.126%
293	13.473	13.442	13.502	HH	12777	255851	10.12%	0.211%
294	13.527	13.502	13.550	HH	11727	206410	8.17%	0.170%
295	13.598	13.550	13.644	HH	11535	347389	13.74%	0.287%
296	13.656	13.644	13.681	HH	4085	85631	3.39%	0.071%
297	13.707	13.681	13.731	HH	9161	186091	7.36%	0.154%
298	13.748	13.731	13.770	HH	6190	125475	4.96%	0.104%
299	13.784	13.770	13.806	HH	5312	104194	4.12%	0.086%

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300	13.839	13.806	13.847	HH	5694	121816	4.82%	0.100%
301	13.876	13.847	13.902	HH	7715	198666	7.86%	0.164%
302	13.919	13.902	13.932	HH	5959	101795	4.03%	0.084%
303	13.942	13.932	13.972	HH	6181	132629	5.25%	0.109%
304	13.992	13.972	14.029	HH	6021	167726	6.63%	0.138%
305	14.049	14.029	14.062	HH	4405	84797	3.35%	0.070%
306	14.078	14.062	14.092	HH	4681	80250	3.17%	0.066%
307	14.121	14.092	14.131	HH	7405	134383	5.32%	0.111%
308	14.140	14.131	14.161	HH	7516	119597	4.73%	0.099%
309	14.175	14.161	14.209	HH	5604	148158	5.86%	0.122%
310	14.232	14.209	14.251	HH	5378	127906	5.06%	0.106%
311	14.311	14.251	14.369	HH	7506	425350	16.83%	0.351%
312	14.397	14.369	14.426	HH	7742	215981	8.54%	0.178%
313	14.454	14.426	14.494	HH	7802	263794	10.44%	0.218%
314	14.522	14.494	14.556	HH	8326	252344	9.98%	0.208%
315	14.579	14.556	14.605	HH	9786	235464	9.31%	0.194%
316	14.619	14.605	14.686	HH	7269	308465	12.20%	0.254%
317	14.737	14.686	14.768	HH	28952	612826	24.24%	0.506%
318	14.774	14.768	14.812	HH	7068	166454	6.58%	0.137%
319	14.853	14.812	14.867	HH	6562	196749	7.78%	0.162%
320	14.897	14.867	14.916	HH	22088	398190	15.75%	0.328%
321	14.937	14.916	15.001	HH	25561	656434	25.97%	0.541%
322	15.006	15.001	15.028	HH	6723	105056	4.16%	0.087%
323	15.057	15.028	15.114	HH	11856	415037	16.42%	0.342%
324	15.152	15.114	15.184	HH	7561	288256	11.40%	0.238%
325	15.208	15.184	15.229	HH	8070	197139	7.80%	0.163%
326	15.248	15.229	15.272	HH	7725	186919	7.39%	0.154%
327	15.325	15.272	15.428	HH	13913	776878	30.73%	0.641%
328	15.463	15.428	15.502	HH	8309	333314	13.19%	0.275%
329	15.525	15.502	15.549	HH	9980	247375	9.79%	0.204%
330	15.571	15.549	15.593	HH	12251	266402	10.54%	0.220%
331	15.610	15.593	15.639	HH	10025	250655	9.92%	0.207%
332	15.662	15.639	15.689	HH	9980	278273	11.01%	0.230%
333	15.733	15.689	15.783	HH	12107	586876	23.22%	0.484%
334	15.805	15.783	15.830	HH	10441	276280	10.93%	0.228%
335	15.850	15.830	15.871	HH	9687	232098	9.18%	0.191%
336	15.897	15.871	15.915	HH	9774	247836	9.80%	0.204%
337	15.921	15.915	15.941	HH	9281	138413	5.48%	0.114%
338	15.969	15.941	15.991	HH	11013	305890	12.10%	0.252%
339	16.004	15.991	16.048	HH	10317	337321	13.34%	0.278%
340	16.077	16.048	16.096	HH	9839	271122	10.73%	0.224%
341	16.110	16.096	16.116	HH	9864	118261	4.68%	0.098%
342	16.131	16.116	16.147	HH	10401	188648	7.46%	0.156%
343	16.167	16.147	16.199	HH	11453	334084	13.22%	0.276%
344	16.212	16.199	16.231	HH	10599	194494	7.69%	0.160%
345	16.264	16.231	16.288	HH	12595	398088	15.75%	0.328%
346	16.305	16.288	16.313	HH	11193	164788	6.52%	0.136%
347	16.342	16.313	16.357	HH	12852	325898	12.89%	0.269%
348	16.377	16.357	16.406	HH	13407	368804	14.59%	0.304%
349	16.464	16.406	16.482	HH	35758	926880	36.67%	0.765%
350	16.492	16.482	16.533	HH	23707	560989	22.19%	0.463%
351	16.540	16.533	16.568	HH	14261	286646	11.34%	0.236%

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352	16.595	16.568	16.621	HH	20278	527817	20.88%	0.435%
353	16.630	16.621	16.669	HH	15508	429781	17.00%	0.355%
354	16.672	16.669	16.683	HH	14451	115119	4.55%	0.095%
355	16.712	16.683	16.726	HH	14923	376816	14.91%	0.311%
356	16.746	16.726	16.751	HH	15619	228919	9.06%	0.189%
357	16.787	16.751	16.818	HH	33229	870137	34.42%	0.718%
358	16.846	16.818	16.893	HH	39518	1028739	40.69%	0.849%
359	16.919	16.893	16.930	HH	17831	374076	14.80%	0.309%
360	16.949	16.930	16.982	HH	21702	599022	23.70%	0.494%
361	16.996	16.982	17.011	HH	17440	289922	11.47%	0.239%
362	17.027	17.011	17.040	HH	17363	297434	11.77%	0.245%
363	17.097	17.040	17.127	HH	19601	958646	37.92%	0.791%
364	17.153	17.127	17.165	HH	19188	419522	16.60%	0.346%
365	17.213	17.165	17.294	HH	23498	1624064	64.24%	1.340%
366	17.322	17.294	17.327	HH	20428	391698	15.49%	0.323%
367	17.373	17.327	17.403	HH	25257	1025996	40.59%	0.846%
368	17.438	17.403	17.451	HH	22545	614976	24.33%	0.507%
369	17.456	17.451	17.462	HH	21900	149191	5.90%	0.123%
370	17.467	17.462	17.483	HH	21911	262099	10.37%	0.216%
371	17.506	17.483	17.529	HH	24522	646542	25.58%	0.533%
372	17.533	17.529	17.542	HH	23169	179862	7.11%	0.148%
373	17.550	17.542	17.567	HH	23059	330918	13.09%	0.273%
374	17.607	17.567	17.613	HH	22491	606707	24.00%	0.500%
375	17.631	17.613	17.651	HH	23263	523649	20.71%	0.432%
376	17.656	17.651	17.682	HH	22888	419533	16.60%	0.346%
377	17.708	17.682	17.712	HH	22643	398785	15.78%	0.329%
378	17.724	17.712	17.731	HH	23278	268337	10.61%	0.221%
379	17.749	17.731	17.759	HH	23438	385544	15.25%	0.318%
380	17.771	17.759	17.776	HH	24273	243649	9.64%	0.201%
381	17.811	17.776	17.832	HH	30026	906360	35.85%	0.748%
382	17.849	17.832	17.855	HH	25414	340092	13.45%	0.281%
383	17.867	17.855	17.872	HH	25448	259521	10.27%	0.214%
384	17.882	17.872	17.895	HH	25669	346255	13.70%	0.286%
385	17.908	17.895	17.914	HH	25704	297262	11.76%	0.245%
386	17.936	17.914	17.947	HH	28550	540443	21.38%	0.446%
387	17.959	17.947	17.976	HH	29010	499369	19.75%	0.412%
388	17.996	17.976	18.015	HH	30206	663531	26.25%	0.547%
389	18.022	18.015	18.039	HH	28459	420950	16.65%	0.347%
390	18.047	18.039	18.054	HH	28227	246273	9.74%	0.203%
391	18.056	18.054	18.076	HH	28206	357195	14.13%	0.295%
392	18.087	18.076	18.105	HH	27295	480089	18.99%	0.396%
393	18.136	18.105	18.152	HH	33061	837140	33.12%	0.691%
394	18.168	18.152	18.200	HH	32625	877900	34.73%	0.724%
395	18.230	18.200	18.256	HH	51657	1319682	52.20%	1.089%
396	18.264	18.256	18.286	HH	34616	604952	23.93%	0.499%
397	18.327	18.286	18.332	HH	34538	929895	36.78%	0.767%
398	18.362	18.332	18.379	HH	38022	995232	39.37%	0.821%
399	18.391	18.379	18.406	HH	37927	598149	23.66%	0.493%
400	18.421	18.406	18.451	HH	35376	901996	35.68%	0.744%
401	18.484	18.451	18.516	HH	49446	1521991	60.21%	1.255%
402	18.521	18.516	18.539	HH	33687	453799	17.95%	0.374%
403	18.568	18.539	18.577	HH	36378	802106	31.73%	0.662%
404	18.621	18.577	18.636	HH	44774	1374760	54.38%	1.134%

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405	18.642	18.636	18.680	HH	42037	1047133	41.42%	0.864%
406	18.708	18.680	18.732	HH	38012	1148824	45.45%	0.948%
407	18.745	18.732	18.768	HH	39464	819833	32.43%	0.676%
408	18.785	18.768	18.789	HH	38712	473078	18.71%	0.390%
409	18.813	18.789	18.817	HH	39406	661373	26.16%	0.546%
410	18.825	18.817	18.843	HH	39441	594819	23.53%	0.491%
411	18.847	18.843	18.853	HH	38590	227125	8.98%	0.187%
412	18.867	18.853	18.879	HH	41114	627192	24.81%	0.517%
413	18.883	18.879	18.886	HH	40085	172596	6.83%	0.142%
414	18.907	18.886	18.913	HH	41932	662392	26.20%	0.546%
415	18.922	18.913	18.951	HH	42568	935942	37.02%	0.772%
416	18.966	18.951	18.973	HH	42185	556702	22.02%	0.459%
417	18.981	18.973	18.987	HH	43619	374180	14.80%	0.309%
418	19.004	18.987	19.014	HH	46730	723767	28.63%	0.597%
419	19.019	19.014	19.028	HH	44436	351551	13.91%	0.290%
420	19.052	19.028	19.061	HH	46621	898234	35.53%	0.741%
421	19.064	19.061	19.082	HH	45916	576037	22.79%	0.475%
422	19.093	19.082	19.110	HH	44398	724803	28.67%	0.598%
423	19.129	19.110	19.137	HH	44489	704456	27.87%	0.581%
424	19.150	19.137	19.155	HH	44861	483460	19.12%	0.399%
425	19.185	19.155	19.193	HH	47666	1054399	41.71%	0.870%
426	19.211	19.193	19.227	HH	48789	963214	38.10%	0.795%
427	19.238	19.227	19.242	HH	47567	428851	16.96%	0.354%
428	19.249	19.242	19.256	HH	48002	380538	15.05%	0.314%
429	19.260	19.256	19.275	HH	47482	550322	21.77%	0.454%
430	19.300	19.275	19.311	HH	48660	1004918	39.75%	0.829%
431	19.320	19.311	19.329	HH	47692	509954	20.17%	0.421%
432	19.338	19.329	19.344	HH	47252	421531	16.67%	0.348%
433	19.355	19.344	19.379	HH	48881	970257	38.38%	0.800%
434	19.385	19.379	19.397	HH	46376	512722	20.28%	0.423%
435	19.404	19.397	19.409	HH	47578	322879	12.77%	0.266%
436	19.428	19.409	19.436	HH	51367	803544	31.79%	0.663%
437	19.441	19.436	19.454	HH	50368	548515	21.70%	0.452%
438	19.472	19.454	19.486	HH	53163	970489	38.39%	0.801%
439	19.496	19.486	19.501	HH	51671	461302	18.25%	0.381%
440	19.530	19.501	19.534	HH	55716	1050304	41.55%	0.866%
441	19.543	19.534	19.556	HH	55257	706511	27.95%	0.583%
442	19.561	19.556	19.571	HH	54692	501187	19.83%	0.413%
443	19.590	19.571	19.596	HH	55363	828717	32.78%	0.684%
444	19.600	19.596	19.609	HH	54880	414363	16.39%	0.342%
445	19.614	19.609	19.621	HH	55482	394153	15.59%	0.325%
446	19.642	19.621	19.647	HH	61194	891314	35.26%	0.735%
447	19.651	19.647	19.678	HH	61633	1082311	42.81%	0.893%
448	19.686	19.678	19.692	HH	56645	471251	18.64%	0.389%
449	19.721	19.692	19.749	HH	64868	2016687	79.78%	1.664%
450	19.774	19.749	19.781	HH	62721	1127490	44.60%	0.930%
451	19.794	19.781	19.799	HH	64623	685994	27.14%	0.566%
452	19.813	19.799	19.824	HH	65827	977451	38.67%	0.806%
453	19.831	19.824	19.843	HH	62480	680229	26.91%	0.561%
454	19.856	19.843	19.881	HH	63878	1419151	56.14%	1.171%
455	19.891	19.881	19.902	HH	62359	775053	30.66%	0.639%
456	19.920	19.902	19.926	HH	62325	874594	34.60%	0.721%

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457	19.936	19.926	19.960	HH	64044	1278808	50.59%	1.055%
458	19.974	19.960	20.000	HH	63503	1491916	59.02%	1.231%
459	20.031	20.000	20.036	HH	73561	1435240	56.78%	1.184%
460	20.041	20.036	20.063	HH	73802	1164960	46.08%	0.961%
461	20.072	20.063	20.078	HH	65778	558803	22.11%	0.461%
462	20.106	20.078	20.118	HH	72246	1667584	65.97%	1.376%
463	20.149	20.118	20.155	HH	69433	1476177	58.39%	1.218%
464	20.159	20.155	20.164	HH	68172	390726	15.46%	0.322%
465	20.180	20.164	20.188	HH	70961	989165	39.13%	0.816%
466	20.196	20.188	20.203	HH	70746	600557	23.76%	0.495%
467	20.208	20.203	20.213	HH	69844	420757	16.64%	0.347%
468	20.220	20.213	20.232	HH	70675	792957	31.37%	0.654%
469	20.256	20.232	20.262	HH	73771	1296783	51.30%	1.070%
470	20.274	20.262	20.298	HH	76082	1628425	64.42%	1.343%
471	20.311	20.298	20.317	HH	75637	810096	32.05%	0.668%
472	20.325	20.317	20.332	HH	77289	693277	27.42%	0.572%
473	20.347	20.332	20.354	HH	76937	1031122	40.79%	0.851%
474	20.359	20.354	20.364	HH	76621	428982	16.97%	0.354%
475	20.370	20.364	20.373	HH	76135	398592	15.77%	0.329%
476	20.379	20.373	20.403	HH	76800	1357796	53.71%	1.120%
477	20.412	20.403	20.426	HH	72889	961239	38.02%	0.793%
478	20.438	20.426	20.447	HH	73925	920794	36.42%	0.760%
479	20.462	20.447	20.471	HH	75598	1055796	41.77%	0.871%
					Sum of corrected areas:		121229643	

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