

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020422\
 Data File : FF009882.D
 Signal(s) : FID2B.ch
 Acq On : 05 Feb 2022 00:20
 Sample : N1393-05
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF011722.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.026	1.998	2.033	BH	1014	18526	0.08%	0.012%
2	2.045	2.033	2.067	HH	1057	20220	0.09%	0.014%
3	2.070	2.067	2.079	HH	1004	6345	0.03%	0.004%
4	2.082	2.079	2.087	HH	993	4590	0.02%	0.003%
5	2.091	2.087	2.095	HH	919	4726	0.02%	0.003%
6	2.113	2.095	2.133	HH	1069	21954	0.10%	0.015%
7	2.137	2.133	2.147	HH	1103	8244	0.04%	0.006%
8	2.158	2.147	2.183	HH	1063	21404	0.10%	0.014%
9	2.187	2.183	2.199	HH	977	8467	0.04%	0.006%
10	2.210	2.199	2.216	HH	1050	10368	0.05%	0.007%
11	2.220	2.216	2.235	HH	1000	10499	0.05%	0.007%
12	2.250	2.235	2.271	HH	1001	20394	0.09%	0.014%
13	2.276	2.271	2.289	HH	1073	10582	0.05%	0.007%
14	2.295	2.289	2.304	HH	1059	8534	0.04%	0.006%
15	2.310	2.304	2.317	HH	1052	7561	0.03%	0.005%
16	2.323	2.317	2.333	HH	975	8854	0.04%	0.006%
17	2.336	2.333	2.354	HH	1008	11990	0.05%	0.008%
18	2.382	2.354	2.405	HH	1064	30721	0.14%	0.021%
19	2.420	2.405	2.437	HH	1815	24502	0.11%	0.016%
20	2.442	2.437	2.448	HH	943	6161	0.03%	0.004%
21	2.456	2.448	2.465	HH	921	8033	0.04%	0.005%
22	2.477	2.465	2.502	HH	867	17113	0.08%	0.011%
23	2.523	2.502	2.532	HH	871	14637	0.07%	0.010%
24	2.539	2.532	2.552	HH	861	9337	0.04%	0.006%
25	2.564	2.552	2.582	HH	867	14300	0.06%	0.010%
26	2.594	2.582	2.599	HH	855	8024	0.04%	0.005%
27	2.604	2.599	2.613	HH	832	6893	0.03%	0.005%
28	2.618	2.613	2.633	HH	872	9508	0.04%	0.006%
29	2.637	2.633	2.669	HH	861	17888	0.08%	0.012%
30	2.674	2.669	2.688	HH	858	8828	0.04%	0.006%
31	2.714	2.688	2.728	HH	881	20094	0.09%	0.013%
32	2.738	2.728	2.754	HH	925	13368	0.06%	0.009%
33	2.757	2.754	2.768	HH	935	6975	0.03%	0.005%
34	2.779	2.768	2.793	HH	922	13534	0.06%	0.009%
35	2.797	2.793	2.801	HH	926	3957	0.02%	0.003%
36	2.806	2.801	2.817	HH	951	8467	0.04%	0.006%

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37	2.823	2.817	2.852	HH	961	18482	0.08%	0.012%
38	2.858	2.852	2.868	HH	887	7775	0.04%	0.005%
39	2.879	2.868	2.891	HH	847	11306	0.05%	0.008%
40	2.894	2.891	2.917	HH	873	13172	0.06%	0.009%
41	2.923	2.917	2.951	HH	896	16471	0.07%	0.011%
42	2.957	2.951	2.965	HH	791	6410	0.03%	0.004%
43	2.977	2.965	2.995	HH	812	13528	0.06%	0.009%
44	2.999	2.995	3.010	HH	773	6634	0.03%	0.004%
45	3.012	3.010	3.020	HH	743	4481	0.02%	0.003%
46	3.024	3.020	3.027	HH	765	3258	0.01%	0.002%
47	3.032	3.027	3.051	HH	754	9944	0.05%	0.007%
48	3.054	3.051	3.061	HH	712	4239	0.02%	0.003%
49	3.073	3.061	3.100	HH	799	16512	0.07%	0.011%
50	3.111	3.100	3.119	HH	723	7520	0.03%	0.005%
51	3.131	3.119	3.151	HH	731	12906	0.06%	0.009%
52	3.157	3.151	3.161	HH	741	4368	0.02%	0.003%
53	3.168	3.161	3.172	HH	722	4130	0.02%	0.003%
54	3.186	3.172	3.192	HH	680	7997	0.04%	0.005%
55	3.196	3.192	3.207	HH	762	6188	0.03%	0.004%
56	3.210	3.207	3.224	HH	709	6641	0.03%	0.004%
57	3.233	3.224	3.236	HH	679	4918	0.02%	0.003%
58	3.241	3.236	3.250	HH	706	5252	0.02%	0.004%
59	3.255	3.250	3.260	HH	718	3887	0.02%	0.003%
60	3.265	3.260	3.271	HH	731	4305	0.02%	0.003%
61	3.315	3.271	3.332	HH	844	25754	0.12%	0.017%
62	3.338	3.332	3.367	HH	753	13656	0.06%	0.009%
63	3.370	3.367	3.374	HH	641	2719	0.01%	0.002%
64	3.392	3.374	3.405	HH	668	11309	0.05%	0.008%
65	3.409	3.405	3.416	HH	660	4039	0.02%	0.003%
66	3.420	3.416	3.424	HH	693	3185	0.01%	0.002%
67	3.428	3.424	3.432	HH	623	2728	0.01%	0.002%
68	3.439	3.432	3.453	HH	677	7811	0.04%	0.005%
69	3.457	3.453	3.469	HH	664	6118	0.03%	0.004%
70	3.477	3.469	3.522	HH	677	20053	0.09%	0.013%
71	3.540	3.522	3.544	HH	657	8240	0.04%	0.006%
72	3.549	3.544	3.561	HH	636	6159	0.03%	0.004%
73	3.567	3.561	3.572	HH	641	4092	0.02%	0.003%
74	3.575	3.572	3.584	HH	774	4663	0.02%	0.003%
75	3.603	3.584	3.618	HH	699	12911	0.06%	0.009%
76	3.626	3.618	3.642	HH	757	9859	0.04%	0.007%
77	3.656	3.642	3.675	HH	705	12870	0.06%	0.009%
78	3.678	3.675	3.683	HH	732	2922	0.01%	0.002%
79	3.687	3.683	3.694	HH	806	4770	0.02%	0.003%
80	3.707	3.694	3.725	HH	768	12343	0.06%	0.008%
81	3.746	3.725	3.756	HH	734	12168	0.06%	0.008%
82	3.772	3.756	3.780	HH	745	9766	0.04%	0.007%
83	3.786	3.780	3.791	HH	761	4550	0.02%	0.003%
84	3.820	3.791	3.847	HH	1245	28029	0.13%	0.019%
85	3.852	3.847	3.867	HH	729	8335	0.04%	0.006%
86	3.879	3.867	3.901	HH	761	13372	0.06%	0.009%
87	3.914	3.901	3.932	HH	804	12897	0.06%	0.009%
88	3.951	3.932	3.960	HH	929	13763	0.06%	0.009%
89	3.980	3.960	3.989	HH	958	15591	0.07%	0.010%

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90	4.000	3.989	4.012	HH	1093	12819	0.06%	0.009%
91	4.014	4.012	4.027	HH	1004	8889	0.04%	0.006%
92	4.048	4.027	4.067	HH	1144	24032	0.11%	0.016%
93	4.075	4.067	4.098	HH	1083	18951	0.09%	0.013%
94	4.104	4.098	4.112	HH	986	7760	0.04%	0.005%
95	4.126	4.112	4.137	HH	1184	16102	0.07%	0.011%
96	4.148	4.137	4.154	HH	1033	10296	0.05%	0.007%
97	4.167	4.154	4.175	HH	1175	13599	0.06%	0.009%
98	4.195	4.175	4.207	HH	1364	23118	0.10%	0.015%
99	4.219	4.207	4.242	HH	1721	27779	0.13%	0.019%
100	4.246	4.242	4.263	HH	1108	13461	0.06%	0.009%
101	4.274	4.263	4.290	HH	1084	16007	0.07%	0.011%
102	4.294	4.290	4.303	HH	1025	7328	0.03%	0.005%
103	4.316	4.303	4.344	HH	1151	25733	0.12%	0.017%
104	4.349	4.344	4.357	HH	988	7460	0.03%	0.005%
105	4.382	4.357	4.414	HH	2053	49498	0.22%	0.033%
106	4.415	4.414	4.463	HH	1339	30195	0.14%	0.020%
107	4.466	4.463	4.471	HH	927	4227	0.02%	0.003%
108	4.474	4.471	4.480	HH	914	4367	0.02%	0.003%
109	4.500	4.480	4.523	HH	1326	25310	0.11%	0.017%
110	4.528	4.523	4.534	HH	789	4916	0.02%	0.003%
111	4.558	4.534	4.576	HH	835	18462	0.08%	0.012%
112	4.592	4.576	4.627	HH	971	22891	0.10%	0.015%
113	4.643	4.627	4.666	HH	791	15034	0.07%	0.010%
114	4.676	4.666	4.698	HH	683	11652	0.05%	0.008%
115	4.703	4.698	4.719	HH	677	7367	0.03%	0.005%
116	4.722	4.719	4.734	HH	598	5050	0.02%	0.003%
117	4.743	4.734	4.753	HH	587	6689	0.03%	0.004%
118	4.759	4.753	4.765	HH	593	4101	0.02%	0.003%
119	4.769	4.765	4.774	HH	628	3263	0.01%	0.002%
120	4.775	4.774	4.778	HH	660	1505	0.01%	0.001%
121	4.790	4.778	4.802	HH	847	10430	0.05%	0.007%
122	4.814	4.802	4.823	HH	956	10699	0.05%	0.007%
123	4.829	4.823	4.838	HH	797	6434	0.03%	0.004%
124	4.847	4.838	4.859	HH	754	8493	0.04%	0.006%
125	4.863	4.859	4.878	HH	700	7054	0.03%	0.005%
126	4.895	4.878	4.911	HH	816	14159	0.06%	0.009%
127	4.915	4.911	4.918	HH	612	2681	0.01%	0.002%
128	4.925	4.918	4.946	HH	688	9745	0.04%	0.007%
129	4.948	4.946	4.971	HH	696	8552	0.04%	0.006%
130	4.976	4.971	4.983	HH	633	3996	0.02%	0.003%
131	4.989	4.983	4.994	HH	537	3309	0.01%	0.002%
132	5.014	4.994	5.065	HH	856	26736	0.12%	0.018%
133	5.072	5.065	5.077	HH	579	3872	0.02%	0.003%
134	5.092	5.077	5.115	HH	707	14167	0.06%	0.009%
135	5.125	5.115	5.152	HH	732	13569	0.06%	0.009%
136	5.157	5.152	5.166	HH	548	4046	0.02%	0.003%
137	5.191	5.166	5.198	HH	541	9465	0.04%	0.006%
138	5.203	5.198	5.223	HH	566	7667	0.03%	0.005%
139	5.243	5.223	5.262	HH	607	11801	0.05%	0.008%
140	5.289	5.262	5.311	HH	631	16654	0.08%	0.011%
141	5.314	5.311	5.327	HH	540	5224	0.02%	0.003%

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142	5.332	5.327	5.350	HH	642	7151	0.03%	0.005%
143	5.404	5.350	5.424	HH	1209	33094	0.15%	0.022%
144	5.432	5.424	5.458	HH	748	13368	0.06%	0.009%
145	5.465	5.458	5.476	HH	675	6703	0.03%	0.004%
146	5.481	5.476	5.487	HH	634	4070	0.02%	0.003%
147	5.499	5.487	5.529	HH	713	17099	0.08%	0.011%
148	5.533	5.529	5.538	HH	745	3420	0.02%	0.002%
149	5.545	5.538	5.552	HH	734	5534	0.03%	0.004%
150	5.556	5.552	5.566	HH	727	5533	0.03%	0.004%
151	5.580	5.566	5.613	HH	705	17356	0.08%	0.012%
152	5.619	5.613	5.668	HH	584	17961	0.08%	0.012%
153	5.699	5.668	5.710	HH	654	14212	0.06%	0.010%
154	5.715	5.710	5.733	HH	620	7806	0.04%	0.005%
155	5.748	5.733	5.771	HH	704	13427	0.06%	0.009%
156	5.787	5.771	5.815	HH	901	18600	0.08%	0.012%
157	5.825	5.815	5.854	HH	874	18140	0.08%	0.012%
158	5.866	5.854	5.875	HH	729	8817	0.04%	0.006%
159	5.881	5.875	5.889	HH	721	5540	0.03%	0.004%
160	5.909	5.889	5.915	HH	832	11569	0.05%	0.008%
161	5.943	5.915	6.009	HH	3368	70894	0.32%	0.047%
162	6.016	6.009	6.021	HH	702	4665	0.02%	0.003%
163	6.031	6.021	6.044	HH	687	8530	0.04%	0.006%
164	6.045	6.044	6.050	HH	629	2407	0.01%	0.002%
165	6.057	6.050	6.075	HH	692	9335	0.04%	0.006%
166	6.079	6.075	6.092	HH	622	5940	0.03%	0.004%
167	6.123	6.092	6.157	HH	1060	28968	0.13%	0.019%
168	6.161	6.157	6.185	HH	756	11798	0.05%	0.008%
169	6.211	6.185	6.302	HH	1489	55663	0.25%	0.037%
170	6.306	6.302	6.315	HH	691	4809	0.02%	0.003%
171	6.320	6.315	6.325	HH	606	3485	0.02%	0.002%
172	6.342	6.325	6.379	HH	724	21064	0.10%	0.014%
173	6.384	6.379	6.421	HH	676	15214	0.07%	0.010%
174	6.438	6.421	6.465	HH	689	16602	0.08%	0.011%
175	6.473	6.465	6.479	HH	615	5079	0.02%	0.003%
176	6.509	6.479	6.521	HH	869	17971	0.08%	0.012%
177	6.527	6.521	6.532	HH	694	4195	0.02%	0.003%
178	6.539	6.532	6.545	HH	650	5162	0.02%	0.003%
179	6.549	6.545	6.569	HH	686	9194	0.04%	0.006%
180	6.577	6.569	6.602	HH	682	12515	0.06%	0.008%
181	6.608	6.602	6.625	HH	723	8766	0.04%	0.006%
182	6.630	6.625	6.642	HH	618	5545	0.03%	0.004%
183	6.657	6.642	6.683	HH	588	13607	0.06%	0.009%
184	6.689	6.683	6.696	HH	601	4184	0.02%	0.003%
185	6.742	6.696	6.752	HH	767	21960	0.10%	0.015%
186	6.772	6.752	6.805	HH	869	24611	0.11%	0.016%
187	6.816	6.805	6.835	HH	914	15147	0.07%	0.010%
188	6.838	6.835	6.862	HH	884	11838	0.05%	0.008%
189	6.876	6.862	6.890	HH	843	12823	0.06%	0.009%
190	6.917	6.890	6.938	HH	1093	23455	0.11%	0.016%
191	6.942	6.938	6.949	HH	773	4297	0.02%	0.003%
192	6.987	6.949	7.004	HH	820	23864	0.11%	0.016%
193	7.012	7.004	7.023	HH	745	7992	0.04%	0.005%
194	7.032	7.023	7.044	HH	702	8105	0.04%	0.005%

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195	7.047	7.044	7.056	HH	665	4614	0.02%	0.003%
196	7.093	7.056	7.099	HH	732	17455	0.08%	0.012%
197	7.141	7.099	7.170	HH	2672	53071	0.24%	0.036%
198	7.188	7.170	7.237	HH	1228	35487	0.16%	0.024%
199	7.241	7.237	7.244	HH	670	2585	0.01%	0.002%
200	7.269	7.244	7.273	HH	835	13234	0.06%	0.009%
201	7.281	7.273	7.292	HH	869	8683	0.04%	0.006%
202	7.298	7.292	7.308	HH	841	7426	0.03%	0.005%
203	7.311	7.308	7.331	HH	849	10167	0.05%	0.007%
204	7.352	7.331	7.380	HH	724	19393	0.09%	0.013%
205	7.419	7.380	7.442	HH	1674	37523	0.17%	0.025%
206	7.448	7.442	7.472	HH	943	13979	0.06%	0.009%
207	7.500	7.472	7.521	HH	837	21995	0.10%	0.015%
208	7.525	7.521	7.530	HH	734	4167	0.02%	0.003%
209	7.588	7.530	7.607	HH	2546	60557	0.27%	0.041%
210	7.614	7.607	7.640	HH	1330	20720	0.09%	0.014%
211	7.658	7.640	7.683	HH	1611	28741	0.13%	0.019%
212	7.702	7.683	7.734	HH	2024	38016	0.17%	0.025%
213	7.758	7.734	7.808	HH	2195	59443	0.27%	0.040%
214	7.825	7.808	7.847	HH	1737	29147	0.13%	0.020%
215	7.859	7.847	7.872	HH	947	13788	0.06%	0.009%
216	7.878	7.872	7.897	HH	1036	13857	0.06%	0.009%
217	7.919	7.897	7.932	HH	1189	21895	0.10%	0.015%
218	7.977	7.932	7.985	HH	1771	41432	0.19%	0.028%
219	8.005	7.985	8.039	HH	6626	97517	0.44%	0.065%
220	8.045	8.039	8.081	HH	1274	26743	0.12%	0.018%
221	8.097	8.081	8.106	HH	1172	15902	0.07%	0.011%
222	8.121	8.106	8.137	HH	1289	22875	0.10%	0.015%
223	8.155	8.137	8.174	HH	1387	28227	0.13%	0.019%
224	8.185	8.174	8.202	HH	1258	19705	0.09%	0.013%
225	8.219	8.202	8.234	HH	1383	23567	0.11%	0.016%
226	8.245	8.234	8.270	HH	1431	26444	0.12%	0.018%
227	8.297	8.270	8.317	HH	1138	27871	0.13%	0.019%
228	8.336	8.317	8.339	HH	1096	13106	0.06%	0.009%
229	8.360	8.339	8.377	HH	1641	30384	0.14%	0.020%
230	8.422	8.377	8.428	HH	1747	45042	0.20%	0.030%
231	8.430	8.428	8.443	HH	1694	14363	0.07%	0.010%
232	8.457	8.443	8.471	HH	1694	26154	0.12%	0.018%
233	8.492	8.471	8.521	HH	3270	75177	0.34%	0.050%
234	8.536	8.521	8.567	HH	2773	56336	0.26%	0.038%
235	8.588	8.567	8.629	HH	1972	56514	0.26%	0.038%
236	8.648	8.629	8.669	HH	1424	31412	0.14%	0.021%
237	8.677	8.669	8.719	HH	1221	34959	0.16%	0.023%
238	8.742	8.719	8.758	HH	1759	34467	0.16%	0.023%
239	8.767	8.758	8.779	HH	1651	18662	0.08%	0.012%
240	8.791	8.779	8.804	HH	1637	22738	0.10%	0.015%
241	8.823	8.804	8.857	HH	3737	67920	0.31%	0.045%
242	8.878	8.857	8.895	HH	1560	31286	0.14%	0.021%
243	8.907	8.895	8.938	HH	1353	31616	0.14%	0.021%
244	8.950	8.938	8.966	HH	1830	19862	0.09%	0.013%
245	8.997	8.966	9.026	HH	1371	44969	0.20%	0.030%
246	9.056	9.026	9.085	HH	2045	51983	0.24%	0.035%

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247	9.091	9.085	9.094	HH	1209	6139	0.03%	0.004%
248	9.114	9.094	9.146	HH	1487	43697	0.20%	0.029%
249	9.153	9.146	9.165	HH	1379	16107	0.07%	0.011%
250	9.212	9.165	9.230	HH	2527	75951	0.34%	0.051%
251	9.236	9.230	9.305	HH	1929	73771	0.33%	0.049%
252	9.326	9.305	9.345	HH	2019	41656	0.19%	0.028%
253	9.360	9.345	9.397	HH	2090	53143	0.24%	0.036%
254	9.430	9.397	9.459	HH	3925	81826	0.37%	0.055%
255	9.468	9.459	9.474	HH	1559	13718	0.06%	0.009%
256	9.518	9.474	9.529	HH	2069	55673	0.25%	0.037%
257	9.543	9.529	9.572	HH	2077	47889	0.22%	0.032%
258	9.597	9.572	9.624	HH	4371	81786	0.37%	0.055%
259	9.642	9.624	9.682	HH	2533	70995	0.32%	0.048%
260	9.708	9.682	9.744	HH	2616	74735	0.34%	0.050%
261	9.748	9.744	9.765	HH	1753	21606	0.10%	0.014%
262	9.776	9.765	9.792	HH	1803	28133	0.13%	0.019%
263	9.803	9.792	9.816	HH	1837	24666	0.11%	0.017%
264	9.830	9.816	9.843	HH	1790	27981	0.13%	0.019%
265	9.871	9.843	9.882	HH	1900	41629	0.19%	0.028%
266	9.887	9.882	9.892	HH	1871	10917	0.05%	0.007%
267	9.921	9.892	9.952	HH	3440	91012	0.41%	0.061%
268	9.987	9.952	10.003	HH	3546	89300	0.40%	0.060%
269	10.015	10.003	10.047	HH	3199	75078	0.34%	0.050%
270	10.069	10.047	10.090	HH	3295	69697	0.32%	0.047%
271	10.108	10.090	10.132	HH	3556	71104	0.32%	0.048%
272	10.148	10.132	10.165	HH	2664	48496	0.22%	0.032%
273	10.216	10.165	10.235	HH	3586	118852	0.54%	0.080%
274	10.252	10.235	10.270	HH	3627	67282	0.30%	0.045%
275	10.290	10.270	10.312	HH	4199	91291	0.41%	0.061%
276	10.331	10.312	10.373	HH	5298	139694	0.63%	0.093%
277	10.393	10.373	10.417	HH	3984	93646	0.42%	0.063%
278	10.443	10.417	10.529	HH	5257	248430	1.13%	0.166%
279	10.544	10.529	10.569	HH	3520	74359	0.34%	0.050%
280	10.586	10.569	10.605	HH	3357	69154	0.31%	0.046%
281	10.636	10.605	10.690	HH	4575	200620	0.91%	0.134%
282	10.704	10.690	10.714	HH	3902	52565	0.24%	0.035%
283	10.732	10.714	10.772	HH	7486	196934	0.89%	0.132%
284	10.778	10.772	10.781	HH	4258	21912	0.10%	0.015%
285	10.784	10.781	10.820	HH	4269	92522	0.42%	0.062%
286	10.837	10.820	10.845	HH	4123	58532	0.27%	0.039%
287	10.866	10.845	10.907	HH	10308	251866	1.14%	0.169%
288	10.919	10.907	10.953	HH	5000	135894	0.62%	0.091%
289	10.960	10.953	10.984	HH	4848	83871	0.38%	0.056%
290	11.032	10.984	11.057	HH	7819	232448	1.05%	0.156%
291	11.110	11.057	11.162	HH	8750	365104	1.65%	0.244%
292	11.185	11.162	11.200	HH	5656	118175	0.54%	0.079%
293	11.210	11.200	11.217	HH	5042	49691	0.23%	0.033%
294	11.225	11.217	11.250	HH	5061	91303	0.41%	0.061%
295	11.273	11.250	11.279	HH	4325	74636	0.34%	0.050%
296	11.286	11.279	11.300	HH	4287	52587	0.24%	0.035%
297	11.324	11.300	11.360	HH	4882	165360	0.75%	0.111%
298	11.386	11.360	11.402	HH	4981	117650	0.53%	0.079%
299	11.424	11.402	11.447	HH	5337	139200	0.63%	0.093%

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300	11.489	11.447	11.547	HH	7438	359581	1.63%	0.241%
301	11.576	11.547	11.615	HH	6574	235037	1.06%	0.157%
302	11.631	11.615	11.656	HH	5424	128481	0.58%	0.086%
303	11.701	11.656	11.719	HH	7295	229464	1.04%	0.154%
304	11.728	11.719	11.738	HH	5899	65358	0.30%	0.044%
305	11.756	11.738	11.780	HH	6214	153197	0.69%	0.103%
306	11.793	11.780	11.812	HH	5960	108925	0.49%	0.073%
307	11.837	11.812	11.863	HH	5536	166899	0.76%	0.112%
308	11.884	11.863	11.900	HH	5579	121913	0.55%	0.082%
309	11.926	11.900	11.950	HH	6057	167974	0.76%	0.112%
310	11.976	11.950	12.022	HH	8743	301501	1.37%	0.202%
311	12.033	12.022	12.060	HH	6557	141102	0.64%	0.094%
312	12.089	12.060	12.100	HH	6593	151870	0.69%	0.102%
313	12.115	12.100	12.139	HH	6815	148166	0.67%	0.099%
314	12.165	12.139	12.217	HH	6237	278279	1.26%	0.186%
315	12.221	12.217	12.226	HH	5811	30042	0.14%	0.020%
316	12.272	12.226	12.296	HH	6663	261445	1.18%	0.175%
317	12.335	12.296	12.353	HH	7482	217182	0.98%	0.145%
318	12.371	12.353	12.390	HH	6701	142077	0.64%	0.095%
319	12.402	12.390	12.407	HH	6656	64701	0.29%	0.043%
320	12.427	12.407	12.445	HH	6845	150563	0.68%	0.101%
321	12.452	12.445	12.516	HH	6447	266658	1.21%	0.178%
322	12.561	12.516	12.577	HH	7324	234520	1.06%	0.157%
323	12.587	12.577	12.606	HH	6690	111987	0.51%	0.075%
324	12.610	12.606	12.629	HH	6289	85185	0.39%	0.057%
325	12.656	12.629	12.681	HH	7173	204285	0.93%	0.137%
326	12.710	12.681	12.750	HH	7887	283854	1.29%	0.190%
327	12.754	12.750	12.759	HH	6465	33797	0.15%	0.023%
328	12.781	12.759	12.799	HH	7962	169827	0.77%	0.114%
329	12.812	12.799	12.861	HH	7246	253016	1.15%	0.169%
330	12.884	12.861	12.923	HH	6368	229646	1.04%	0.154%
331	12.943	12.923	12.964	HH	6716	154666	0.70%	0.103%
332	12.967	12.964	12.982	HH	6360	68563	0.31%	0.046%
333	12.997	12.982	13.002	HH	6183	73963	0.34%	0.049%
334	13.006	13.002	13.010	HH	6211	30797	0.14%	0.021%
335	13.019	13.010	13.033	HH	6307	82281	0.37%	0.055%
336	13.053	13.033	13.065	HH	6246	120991	0.55%	0.081%
337	13.073	13.065	13.094	HH	6126	103305	0.47%	0.069%
338	13.110	13.094	13.134	HH	6320	148520	0.67%	0.099%
339	13.141	13.134	13.150	HH	6224	61956	0.28%	0.041%
340	13.168	13.150	13.185	HH	6369	132275	0.60%	0.089%
341	13.187	13.185	13.198	HH	6365	48988	0.22%	0.033%
342	13.204	13.198	13.216	HH	6391	65608	0.30%	0.044%
343	13.222	13.216	13.235	HH	6329	73720	0.33%	0.049%
344	13.241	13.235	13.244	HH	6121	30498	0.14%	0.020%
345	13.257	13.244	13.272	HH	6183	102153	0.46%	0.068%
346	13.297	13.272	13.315	HH	6953	166703	0.76%	0.112%
347	13.325	13.315	13.342	HH	6265	102531	0.46%	0.069%
348	13.355	13.342	13.362	HH	6605	76235	0.35%	0.051%
349	13.363	13.362	13.379	HH	6563	62554	0.28%	0.042%
350	13.384	13.379	13.400	HH	6275	80849	0.37%	0.054%
351	13.424	13.400	13.447	HH	6409	175334	0.79%	0.117%

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352	13.481	13.447	13.499	HH	6405	193308	0.88%	0.129%
353	13.528	13.499	13.572	HH	7435	287955	1.30%	0.193%
354	13.579	13.572	13.602	HH	6302	112287	0.51%	0.075%
355	13.609	13.602	13.614	HH	6262	43302	0.20%	0.029%
356	13.641	13.614	13.666	HH	6509	194698	0.88%	0.130%
357	13.681	13.666	13.717	HH	6286	190530	0.86%	0.127%
358	13.737	13.717	13.766	HH	6350	182719	0.83%	0.122%
359	13.781	13.766	13.789	HH	6347	86143	0.39%	0.058%
360	13.795	13.789	13.807	HH	6296	68717	0.31%	0.046%
361	13.815	13.807	13.819	HH	6299	43441	0.20%	0.029%
362	13.836	13.819	13.869	HH	6377	188446	0.85%	0.126%
363	13.886	13.869	13.918	HH	6704	189303	0.86%	0.127%
364	13.923	13.918	13.926	HH	6422	32803	0.15%	0.022%
365	13.959	13.926	14.019	HH	7052	368773	1.67%	0.247%
366	14.024	14.019	14.028	HH	6495	36019	0.16%	0.024%
367	14.035	14.028	14.064	HH	6596	137700	0.62%	0.092%
368	14.089	14.064	14.116	HH	7092	209073	0.95%	0.140%
369	14.142	14.116	14.160	HH	6946	179850	0.81%	0.120%
370	14.186	14.160	14.207	HH	7009	194607	0.88%	0.130%
371	14.211	14.207	14.227	HH	6916	80969	0.37%	0.054%
372	14.244	14.227	14.259	HH	6872	128901	0.58%	0.086%
373	14.263	14.259	14.269	HH	6708	39104	0.18%	0.026%
374	14.295	14.269	14.321	HH	6943	215857	0.98%	0.144%
375	14.361	14.321	14.381	HH	7172	248764	1.13%	0.166%
376	14.424	14.381	14.495	HH	180374	2795984	12.67%	1.871%
377	14.515	14.495	14.547	HH	7453	230098	1.04%	0.154%
378	14.550	14.547	14.559	HH	7227	50290	0.23%	0.034%
379	14.597	14.559	14.608	HH	7806	223293	1.01%	0.149%
380	14.627	14.608	14.649	HH	8265	191473	0.87%	0.128%
381	14.674	14.649	14.704	HH	8171	253206	1.15%	0.169%
382	14.709	14.704	14.712	HH	7433	36650	0.17%	0.025%
383	14.729	14.712	14.744	HH	7561	142769	0.65%	0.096%
384	14.754	14.744	14.781	HH	7689	168145	0.76%	0.113%
385	14.822	14.781	14.859	HH	8096	366587	1.66%	0.245%
386	14.883	14.859	14.903	HH	7897	207878	0.94%	0.139%
387	14.954	14.903	14.972	HH	8028	321516	1.46%	0.215%
388	15.035	14.972	15.124	HH	17818	1032843	4.68%	0.691%
389	15.141	15.124	15.181	HH	9033	303171	1.37%	0.203%
390	15.206	15.181	15.242	HH	12240	355616	1.61%	0.238%
391	15.272	15.242	15.315	HH	8568	367862	1.67%	0.246%
392	15.323	15.315	15.357	HH	8302	206548	0.94%	0.138%
393	15.377	15.357	15.405	HH	8296	239615	1.09%	0.160%
394	15.430	15.405	15.495	HH	8574	443545	2.01%	0.297%
395	15.545	15.495	15.551	HH	8570	275790	1.25%	0.185%
396	15.554	15.551	15.591	HH	8526	202307	0.92%	0.135%
397	15.608	15.591	15.624	HH	8370	162387	0.74%	0.109%
398	15.643	15.624	15.693	HH	9231	348490	1.58%	0.233%
399	15.704	15.693	15.745	HH	8269	253510	1.15%	0.170%
400	15.754	15.745	15.758	HH	8001	60634	0.27%	0.041%
401	15.779	15.758	15.796	HH	8150	181364	0.82%	0.121%
402	15.803	15.796	15.809	HH	8077	63159	0.29%	0.042%
403	15.817	15.809	15.824	HH	8082	71388	0.32%	0.048%
404	15.836	15.824	15.861	HH	8114	179693	0.81%	0.120%

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405	15.865	15.861	15.890	HH	8049	140288	0.64%	0.094%
406	15.895	15.890	15.902	HH	8039	54319	0.25%	0.036%
407	15.930	15.902	15.951	HH	8606	245195	1.11%	0.164%
408	15.957	15.951	15.980	HH	8109	140150	0.63%	0.094%
409	15.994	15.980	16.018	HH	8102	183215	0.83%	0.123%
410	16.059	16.018	16.100	HH	8842	419668	1.90%	0.281%
411	16.122	16.100	16.155	HH	9438	286943	1.30%	0.192%
412	16.199	16.155	16.236	HH	8952	407160	1.84%	0.272%
413	16.243	16.236	16.253	HH	8122	81857	0.37%	0.055%
414	16.285	16.253	16.297	HH	8349	219214	0.99%	0.147%
415	16.304	16.297	16.310	HH	8275	63138	0.29%	0.042%
416	16.317	16.310	16.328	HH	8252	89736	0.41%	0.060%
417	16.341	16.328	16.367	HH	8400	192530	0.87%	0.129%
418	16.394	16.367	16.417	HH	8265	245818	1.11%	0.164%
419	16.419	16.417	16.437	HH	8320	99271	0.45%	0.066%
420	16.478	16.437	16.520	HH	8866	421783	1.91%	0.282%
421	16.525	16.520	16.533	HH	8439	63383	0.29%	0.042%
422	16.587	16.533	16.608	HH	11999	434897	1.97%	0.291%
423	16.633	16.608	16.691	HH	18565	562155	2.55%	0.376%
424	16.738	16.691	16.748	HH	8870	298863	1.35%	0.200%
425	16.752	16.748	16.755	HH	8811	40176	0.18%	0.027%
426	16.767	16.755	16.784	HH	8883	149475	0.68%	0.100%
427	16.789	16.784	16.792	HH	8754	44328	0.20%	0.030%
428	16.808	16.792	16.815	HH	8928	120939	0.55%	0.081%
429	16.820	16.815	16.856	HH	8898	215973	0.98%	0.145%
430	16.915	16.856	16.951	HH	9849	522729	2.37%	0.350%
431	16.994	16.951	16.999	HH	9566	267185	1.21%	0.179%
432	17.003	16.999	17.005	HH	9507	38746	0.18%	0.026%
433	17.036	17.005	17.080	HH	12859	471515	2.14%	0.316%
434	17.127	17.080	17.168	HH	10582	514659	2.33%	0.344%
435	17.174	17.168	17.179	HH	9649	66635	0.30%	0.045%
436	17.203	17.179	17.215	HH	9775	210464	0.95%	0.141%
437	17.237	17.215	17.244	HH	9871	165673	0.75%	0.111%
438	17.247	17.244	17.252	HH	9863	49103	0.22%	0.033%
439	17.257	17.252	17.283	HH	9886	182961	0.83%	0.122%
440	17.293	17.283	17.315	HH	10018	193863	0.88%	0.130%
441	17.319	17.315	17.324	HH	10015	52289	0.24%	0.035%
442	17.329	17.324	17.332	HH	10066	50476	0.23%	0.034%
443	17.358	17.332	17.372	HH	10331	240139	1.09%	0.161%
444	17.397	17.372	17.402	HH	10420	186480	0.84%	0.125%
445	17.472	17.402	17.513	HH	16244	792709	3.59%	0.530%
446	17.563	17.513	17.589	HH	12655	526304	2.38%	0.352%
447	17.600	17.589	17.622	HH	11890	234801	1.06%	0.157%
448	17.641	17.622	17.650	HH	11806	196878	0.89%	0.132%
449	17.689	17.650	17.710	HH	12271	433288	1.96%	0.290%
450	17.742	17.710	17.765	HH	14273	430610	1.95%	0.288%
451	17.782	17.765	17.815	HH	13371	389529	1.76%	0.261%
452	17.893	17.815	17.933	HH	19926	1106096	5.01%	0.740%
453	17.939	17.933	17.952	HH	14097	156732	0.71%	0.105%
454	17.986	17.952	17.994	HH	14285	352754	1.60%	0.236%
455	17.998	17.994	18.007	HH	14238	113615	0.51%	0.076%
456	18.098	18.007	18.124	HH	14841	1008211	4.57%	0.675%

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457	18.170	18.124	18.175	HH	15333	460511	2.09%	0.308%
458	18.182	18.175	18.187	HH	15435	111114	0.50%	0.074%
459	18.201	18.187	18.214	HH	15521	252082	1.14%	0.169%
460	18.302	18.214	18.359	HH	23908	1560897	7.07%	1.044%
461	18.399	18.359	18.425	HH	18341	700498	3.17%	0.469%
462	18.446	18.425	18.475	HH	17935	526076	2.38%	0.352%
463	18.483	18.475	18.485	HH	17898	108905	0.49%	0.073%
464	18.519	18.485	18.524	HH	18321	423696	1.92%	0.284%
465	18.567	18.524	18.575	HH	18932	577855	2.62%	0.387%
466	18.579	18.575	18.584	HH	18993	92872	0.42%	0.062%
467	18.608	18.584	18.614	HH	19238	345607	1.57%	0.231%
468	18.616	18.614	18.624	HH	19294	116442	0.53%	0.078%
469	18.696	18.624	18.740	HH	25119	1505860	6.82%	1.008%
470	18.744	18.740	18.754	HH	21127	168899	0.77%	0.113%
471	18.810	18.754	18.815	HH	22178	801790	3.63%	0.537%
472	18.859	18.815	18.909	HH	27409	1345210	6.09%	0.900%
473	18.951	18.909	18.961	HH	23587	734400	3.33%	0.491%
474	18.988	18.961	19.002	HH	24203	584108	2.65%	0.391%
475	19.082	19.002	19.105	HH	29202	1596602	7.23%	1.068%
476	19.140	19.105	19.159	HH	27371	849777	3.85%	0.569%
477	19.193	19.159	19.204	HH	28055	744933	3.37%	0.498%
478	19.322	19.204	19.335	HH	30812	2332580	10.57%	1.561%
479	19.371	19.335	19.405	HH	38172	1421459	6.44%	0.951%
480	19.455	19.405	19.480	HH	34093	1467970	6.65%	0.982%
481	19.559	19.480	19.567	HH	34401	1741336	7.89%	1.165%
482	19.571	19.567	19.574	HH	34369	134210	0.61%	0.090%
483	19.592	19.574	19.599	HH	34812	522497	2.37%	0.350%
484	19.649	19.599	19.657	HH	36408	1246220	5.65%	0.834%
485	19.720	19.657	19.737	HH	38307	1800334	8.16%	1.205%
486	19.819	19.737	19.831	HH	42363	2230886	10.11%	1.493%
487	19.861	19.831	19.898	HH	50094	1818532	8.24%	1.217%
488	19.975	19.898	19.987	HH	44623	2324987	10.53%	1.556%
489	20.179	19.987	20.201	HH	51764	6167381	27.94%	4.127%
490	20.326	20.201	20.365	HH	65238	5445075	24.67%	3.643%
491	20.525	20.365	20.541	HH	61633	6185328	28.02%	4.139%
492	20.558	20.541	20.568	HH	61106	981156	4.44%	0.657%
493	20.807	20.568	20.852	HH	78180	11320736	51.29%	7.575%
494	20.856	20.852	20.860	HH	69748	335866	1.52%	0.225%
495	20.892	20.860	20.922	HH	70213	2614552	11.84%	1.749%
496	20.927	20.922	20.989	HH	69479	2730844	12.37%	1.827%
497	20.993	20.989	21.002	HH	68113	544529	2.47%	0.364%
498	21.032	21.002	21.044	HH	68303	1704257	7.72%	1.140%
499	21.053	21.044	21.064	HH	68333	835526	3.79%	0.559%
500	21.105	21.064	21.119	HH	68616	2267300	10.27%	1.517%
501	21.144	21.119	21.149	HH	68666	1199275	5.43%	0.802%
502	21.363	21.149	21.670	HH	79543	22073964	100.00%	14.770%
503	21.678	21.670	21.686	HH	67773	625556	2.83%	0.419%
504	21.690	21.686	21.733	HH	67751	1901461	8.61%	1.272%
505	21.738	21.733	21.748	HH	67541	625681	2.83%	0.419%
506	21.756	21.748	21.776	HH	67517	1112587	5.04%	0.744%
507	21.785	21.776	21.790	HH	67650	583122	2.64%	0.390%
508	21.796	21.790	21.805	HH	67820	629675	2.85%	0.421%
509	21.821	21.805	21.841	HH	67813	1443639	6.54%	0.966%

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510	21.844	21.841	21.874	HH	67628	1319633	5.98%	0.883%
511	21.879	21.874	21.894	HH	67489	816475	3.70%	0.546%
512	21.896	21.894	21.935	HH	67541	1682490	7.62%	1.126%
						Sum of corrected areas:		149448017

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