Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031822\
Data File : FE035412.D
Signal(s) : FID1B.CH
Acq On : 18 Mar 2022 17:59
Sample : N1970-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE030922.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.110	2.102	2.152	BH	61	-699	-0.00%	-0.000%
2	2.163	2.152	2.174	PH	53	-549	-0.00%	-0.000%
3	2.183	2.174	2.212	PH	171	-1124	-0.01%	-0.000%
4	2.216	2.212	2.236	PH	-159	-2858	-0.02%	-0.000%
5	2.239	2.236	2.275	PH	-96	-6469	-0.03%	-0.001%
6	2.280	2.275	2.289	PH	-323	-2951	-0.02%	-0.000%
7	2.295	2.289	2.304	PH	-284	-3350	-0.02%	-0.000%
8	2.315	2.304	2.327	PH	-315	-5274	-0.03%	-0.001%
9	2.337	2.327	2.344	PH	-359	-3669	-0.02%	-0.000%
10	2.368	2.344	2.396	PH	-117	-9871	-0.05%	-0.001%
11	2.412	2.396	2.431	PH	259	-3040	-0.02%	-0.000%
12	2.448	2.431	2.455	PH	-279	-5126	-0.03%	-0.001%
13	2.458	2.455	2.469	PH	-347	-3403	-0.02%	-0.000%
14	2.476	2.469	2.486	PH	-362	-4480	-0.02%	-0.000%
15	2.498	2.486	2.520	PH	-283	-8231	-0.04%	-0.001%
16	2.527	2.520	2.552	PH	-357	-8458	-0.05%	-0.001%
17	2.556	2.552	2.586	PH	-385	-9570	-0.05%	-0.001%
18	2.594	2.586	2.598	PH	-477	-3864	-0.02%	-0.000%
19	2.601	2.598	2.610	PH	-522	-4579	-0.02%	-0.001%
20	2.629	2.610	2.686	PH	291	-17926	-0.10%	-0.002%
21	2.688	2.686	2.693	PH	-564	-2881	-0.02%	-0.000%
22	2.716	2.693	2.721	PH	295	-4512	-0.02%	-0.000%
23	2.724	2.721	2.774	HH	210	-12197	-0.07%	-0.001%
24	2.776	2.774	2.778	PH	-564	-1565	-0.01%	-0.000%
25	2.788	2.778	2.801	PH	-383	-6698	-0.04%	-0.001%
26	2.806	2.801	2.856	PH	-457	-19070	-0.10%	-0.002%
27	2.860	2.856	2.869	PH	-583	-5071	-0.03%	-0.001%
28	2.893	2.869	2.912	PH	-278	-12334	-0.07%	-0.001%
29	2.936	2.912	2.961	PH	-190	-13301	-0.07%	-0.001%
30	2.975	2.961	3.017	PH	-295	-16665	-0.09%	-0.002%
31	3.022	3.017	3.047	PH	-542	-12655	-0.07%	-0.001%
32	3.053	3.047	3.071	PH	-616	-9398	-0.05%	-0.001%
33	3.075	3.071	3.097	PH	-676	-11536	-0.06%	-0.001%
34	3.102	3.097	3.138	PH	-708	-18964	-0.10%	-0.002%
35	3.176	3.138	3.201	PH	-589	-29304	-0.16%	-0.003%
36	3.206	3.201	3.249	PH	-780	-24810	-0.13%	-0.003%

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37	3.283	3.249	3.329	PH	-685	-40956	-0.22%	-0.005%
38	3.333	3.329	3.355	PH	-811	-13758	-0.07%	-0.002%
39	3.373	3.355	3.391	PH	-667	-17400	-0.09%	-0.002%
40	3.394	3.391	3.410	PH	-885	-10850	-0.06%	-0.001%
41	3.438	3.410	3.442	PH	-813	-17190	-0.09%	-0.002%
42	3.447	3.442	3.479	PH	-716	-18524	-0.10%	-0.002%
43	3.484	3.479	3.487	PH	-868	-4777	-0.03%	-0.001%
44	3.495	3.487	3.512	PH	-816	-12725	-0.07%	-0.001%
45	3.516	3.512	3.530	PH	-801	-9863	-0.05%	-0.001%
46	3.548	3.530	3.575	PH	-515	-20824	-0.11%	-0.002%
47	3.583	3.575	3.602	PH	-769	-14086	-0.08%	-0.002%
48	3.617	3.602	3.623	PH	-810	-10679	-0.06%	-0.001%
49	3.626	3.623	3.646	PH	-876	-12617	-0.07%	-0.001%
50	3.670	3.646	3.700	PH	-667	-27312	-0.15%	-0.003%
51	3.705	3.700	3.727	PH	-817	-15732	-0.08%	-0.002%
52	3.751	3.727	3.767	PH	-654	-21117	-0.11%	-0.002%
53	3.772	3.767	3.784	PH	-981	-10280	-0.06%	-0.001%
54	3.789	3.784	3.793	PH	-1028	-5705	-0.03%	-0.001%
55	3.839	3.793	3.859	PH	-419	-35362	-0.19%	-0.004%
56	3.867	3.859	3.874	PH	-841	-8245	-0.04%	-0.001%
57	3.894	3.874	3.916	PH	-720	-20686	-0.11%	-0.002%
58	3.930	3.916	3.953	PH	-614	-16971	-0.09%	-0.002%
59	3.957	3.953	3.962	PH	-848	-4913	-0.03%	-0.001%
60	4.003	3.962	4.026	PH	-274	-22871	-0.12%	-0.003%
61	4.041	4.026	4.091	PH	-356	-24087	-0.13%	-0.003%
62	4.094	4.091	4.109	PH	-781	-8706	-0.05%	-0.001%
63	4.112	4.109	4.137	PH	-689	-14220	-0.08%	-0.002%
64	4.141	4.137	4.168	PH	-827	-16533	-0.09%	-0.002%
65	4.187	4.168	4.202	PH	-775	-19154	-0.10%	-0.002%
66	4.205	4.202	4.212	PH	-986	-5898	-0.03%	-0.001%
67	4.236	4.212	4.262	PH	-416	-24138	-0.13%	-0.003%
68	4.273	4.262	4.293	PH	-741	-16092	-0.09%	-0.002%
69	4.304	4.293	4.331	PH	-696	-19368	-0.10%	-0.002%
70	4.347	4.331	4.361	PH	-647	-14443	-0.08%	-0.002%
71	4.390	4.361	4.437	PH	567	-23471	-0.13%	-0.003%
72	4.453	4.437	4.478	PH	-608	-19505	-0.10%	-0.002%
73	4.486	4.478	4.506	PH	-820	-14942	-0.08%	-0.002%
74	4.519	4.506	4.551	PH	-429	-20705	-0.11%	-0.002%
75	4.563	4.551	4.590	PH	-866	-23017	-0.12%	-0.003%
76	4.611	4.590	4.641	PH	-751	-27375	-0.15%	-0.003%
77	4.659	4.641	4.696	PH	-829	-29826	-0.16%	-0.003%
78	4.700	4.696	4.726	PH	-861	-18545	-0.10%	-0.002%
79	4.732	4.726	4.749	PH	-993	-14768	-0.08%	-0.002%
80	4.759	4.749	4.786	PH	-1048	-24656	-0.13%	-0.003%
81	4.809	4.786	4.824	PH	-962	-24478	-0.13%	-0.003%
82	4.831	4.824	4.836	PH	-918	-7023	-0.04%	-0.001%
83	4.839	4.836	4.887	PH	-980	-32798	-0.18%	-0.004%
84	4.913	4.887	4.934	PH	-870	-28183	-0.15%	-0.003%
85	4.953	4.934	4.971	PH	-918	-22061	-0.12%	-0.002%
86	4.976	4.971	4.994	PH	-882	-14361	-0.08%	-0.002%
87	5.000	4.994	5.018	PH	-1073	-15706	-0.08%	-0.002%
88	5.035	5.018	5.052	PH	-914	-21079	-0.11%	-0.002%
89	5.057	5.052	5.071	PH	-1048	-12476	-0.07%	-0.001%

90	5.094	5.071	5.137	PH	-421	-32345	-0.17%	-0.004%
91	5.154	5.137	5.181	PH	-846	-25890	-0.14%	-0.003%
92	5.187	5.181	5.192	PH	-1065	-6854	-0.04%	-0.001%
93	5.214	5.192	5.236	PH	-648	-24883	-0.13%	-0.003%
94	5.240	5.236	5.249	PH	-1086	-8718	-0.05%	-0.001%
95	5.269	5.249	5.302	PH	-520	-25711	-0.14%	-0.003%
96	5.307	5.302	5.328	PH	-861	-14996	-0.08%	-0.002%
97	5.344	5.328	5.363	PH	-881	-21015	-0.11%	-0.002%
98	5.379	5.363	5.414	PH	-700	-28524	-0.15%	-0.003%
99	5.422	5.414	5.430	PH	-951	-9979	-0.05%	-0.001%
100	5.437	5.430	5.474	PH	-889	-26684	-0.14%	-0.003%
101	5.514	5.474	5.529	PH	-1070	-36916	-0.20%	-0.004%
102	5.543	5.529	5.555	PH	-877	-14587	-0.08%	-0.002%
103	5.569	5.555	5.578	PH	-884	-13084	-0.07%	-0.001%
104	5.589	5.578	5.598	PH	-860	-11577	-0.06%	-0.001%
105	5.603	5.598	5.624	PH	-922	-15822	-0.08%	-0.002%
106	5.629	5.624	5.639	PH	-996	-9065	-0.05%	-0.001%
107	5.642	5.639	5.669	PH	-1055	-20317	-0.11%	-0.002%
108	5.717	5.669	5.727	PH	-861	-37809	-0.20%	-0.004%
109	5.749	5.727	5.766	PH	-981	-24231	-0.13%	-0.003%
110	5.771	5.766	5.777	PH	-1016	-7118	-0.04%	-0.001%
111	5.780	5.777	5.790	PH	-1008	-8345	-0.04%	-0.001%
112	5.814	5.790	5.897	PH	4284	24365	0.13%	0.003%
113	5.902	5.897	5.921	PH	-595	-9814	-0.05%	-0.001%
114	5.925	5.921	5.932	PH	-787	-5736	-0.03%	-0.001%
115	5.969	5.932	5.994	PH	104	-18687	-0.10%	-0.002%
116	5.997	5.994	6.016	PH	-761	-11521	-0.06%	-0.001%
117	6.019	6.016	6.043	PH	-800	-14758	-0.08%	-0.002%
118	6.050	6.043	6.064	PH	-838	-11313	-0.06%	-0.001%
119	6.093	6.064	6.123	PH	-407	-26066	-0.14%	-0.003%
120	6.138	6.123	6.157	PH	-601	-16016	-0.09%	-0.002%
121	6.198	6.157	6.225	PH	-496	-31132	-0.17%	-0.003%
122	6.246	6.225	6.266	PH	-14	-12280	-0.07%	-0.001%
123	6.276	6.266	6.304	PH	-425	-15680	-0.08%	-0.002%
124	6.319	6.304	6.344	PH	-501	-18832	-0.10%	-0.002%
125	6.364	6.344	6.375	PH	-798	-16602	-0.09%	-0.002%
126	6.392	6.375	6.406	PH	-564	-12967	-0.07%	-0.001%
127	6.424	6.406	6.475	PH	-702	-36953	-0.20%	-0.004%
128	6.480	6.475	6.517	PH	-899	-23413	-0.13%	-0.003%
129	6.520	6.517	6.542	PH	-900	-14439	-0.08%	-0.002%
130	6.562	6.542	6.608	PH	-692	-35009	-0.19%	-0.004%
131	6.635	6.608	6.651	PH	-658	-21580	-0.12%	-0.002%
132	6.655	6.651	6.662	PH	-819	-5888	-0.03%	-0.001%
133	6.679	6.662	6.697	PH	-690	-17501	-0.09%	-0.002%
134	6.705	6.697	6.725	PH	-871	-15317	-0.08%	-0.002%
135	6.735	6.725	6.737	PH	-720	-6187	-0.03%	-0.001%
136	6.765	6.737	6.783	PH	-450	-18042	-0.10%	-0.002%
137	6.800	6.783	6.824	PH	-388	-15233	-0.08%	-0.002%
138	6.864	6.824	6.924	PH	2123	9302	0.05%	0.001%
139	6.942	6.924	6.976	PH	270	-6753	-0.04%	-0.001%
140	6.994	6.976	7.024	PH	2491	20422	0.11%	0.002%
141	7.037	7.024	7.061	PH	203	-1543	-0.01%	-0.000%

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142	7.066	7.061	7.101	PH	-99	-7498	-0.04%	-0.001%
143	7.113	7.101	7.127	PH	-147	-5515	-0.03%	-0.001%
144	7.163	7.127	7.212	PH	1938	4559	0.02%	0.001%
145	7.224	7.212	7.242	PH	-331	-8026	-0.04%	-0.001%
146	7.249	7.242	7.270	PH	-450	-8535	-0.05%	-0.001%
147	7.285	7.270	7.311	PH	-335	-11173	-0.06%	-0.001%
148	7.333	7.311	7.359	PH	-154	-10393	-0.06%	-0.001%
149	7.364	7.359	7.367	PH	-495	-2471	-0.01%	-0.000%
150	7.374	7.367	7.380	PH	-324	-3172	-0.02%	-0.000%
151	7.383	7.380	7.409	PH	-398	-8788	-0.05%	-0.001%
152	7.440	7.409	7.469	PH	-12	-13370	-0.07%	-0.001%
153	7.477	7.469	7.485	PH	-488	-5017	-0.03%	-0.001%
154	7.495	7.485	7.506	PH	-382	-5649	-0.03%	-0.001%
155	7.526	7.506	7.554	PH	-258	-13003	-0.07%	-0.001%
156	7.589	7.554	7.600	PH	490	-975	-0.01%	-0.000%
157	7.614	7.600	7.661	HH	688	8844	0.05%	0.001%
158	7.682	7.661	7.706	PH	260	-1134	-0.01%	-0.000%
159	7.731	7.706	7.744	PH	823	10149	0.05%	0.001%
160	7.755	7.744	7.772	HH	1032	12757	0.07%	0.001%
161	7.782	7.772	7.803	HH	682	6369	0.03%	0.001%
162	7.851	7.803	7.886	PH	2388	42550	0.23%	0.005%
163	7.899	7.886	7.909	HH	596	6927	0.04%	0.001%
164	7.951	7.909	7.967	HH	3654	58104	0.31%	0.006%
165	7.978	7.967	7.996	HH	2482	31909	0.17%	0.004%
166	8.030	7.996	8.068	HH	5324	88744	0.47%	0.010%
167	8.078	8.068	8.087	HH	758	7612	0.04%	0.001%
168	8.131	8.087	8.162	HH	3705	84895	0.45%	0.009%
169	8.176	8.162	8.202	HH	1995	29775	0.16%	0.003%
170	8.221	8.202	8.255	HH	1213	24236	0.13%	0.003%
171	8.270	8.255	8.297	HH	821	14782	0.08%	0.002%
172	8.306	8.297	8.312	HH	414	3547	0.02%	0.000%
173	8.315	8.312	8.337	HH	457	4739	0.03%	0.001%
174	8.424	8.337	8.457	HH	22899	309800	1.66%	0.034%
175	8.474	8.457	8.497	HH	3708	68578	0.37%	0.008%
176	8.509	8.497	8.516	HH	2153	22752	0.12%	0.003%
177	8.521	8.516	8.523	HH	2074	9205	0.05%	0.001%
178	8.537	8.523	8.549	HH	2609	35588	0.19%	0.004%
179	8.563	8.549	8.594	HH	3425	57087	0.31%	0.006%
180	8.614	8.594	8.627	HH	1690	28075	0.15%	0.003%
181	8.637	8.627	8.644	HH	1690	16938	0.09%	0.002%
182	8.666	8.644	8.684	HH	4016	63312	0.34%	0.007%
183	8.704	8.684	8.749	HH	7623	163797	0.88%	0.018%
184	8.765	8.749	8.815	HH	3278	99309	0.53%	0.011%
185	8.848	8.815	8.864	HH	5664	111524	0.60%	0.012%
186	8.874	8.864	8.911	HH	4243	77321	0.41%	0.009%
187	8.931	8.911	8.953	HH	1994	42361	0.23%	0.005%
188	8.990	8.953	9.007	HH	3812	71828	0.38%	0.008%
189	9.022	9.007	9.041	HH	2900	46747	0.25%	0.005%
190	9.043	9.041	9.060	HH	2287	22375	0.12%	0.002%
191	9.073	9.060	9.089	HH	2106	32626	0.17%	0.004%
192	9.125	9.089	9.156	HH	3779	102535	0.55%	0.011%
193	9.169	9.156	9.182	HH	2320	35068	0.19%	0.004%
194	9.209	9.182	9.263	HH	18786	372476	1.99%	0.041%

195	9.285	9.263	9.314	HH	5743	130995	0.70%	0.014%
196	9.325	9.314	9.336	HH	4073	51583	0.28%	0.006%
197	9.356	9.336	9.379	HH	7269	133207	0.71%	0.015%
198	9.385	9.379	9.394	HH	4023	34755	0.19%	0.004%
199	9.415	9.394	9.439	HH	5642	117298	0.63%	0.013%
200	9.453	9.439	9.509	HH	3879	135068	0.72%	0.015%
201	9.532	9.509	9.569	HH	6794	171663	0.92%	0.019%
202	9.579	9.569	9.599	HH	4261	71138	0.38%	0.008%
203	9.626	9.599	9.668	HH	10601	253357	1.36%	0.028%
204	9.688	9.668	9.704	HH	4240	85300	0.46%	0.009%
205	9.722	9.704	9.756	HH	4096	113100	0.61%	0.012%
206	9.795	9.756	9.837	HH	4388	168489	0.90%	0.019%
207	9.862	9.837	9.879	HH	3472	83263	0.45%	0.009%
208	9.898	9.879	9.911	HH	3546	64957	0.35%	0.007%
209	9.948	9.911	9.981	HH	5169	172918	0.93%	0.019%
210	10.006	9.981	10.031	HH	7245	168046	0.90%	0.019%
211	10.087	10.031	10.110	HH	8433	306365	1.64%	0.034%
212	10.124	10.110	10.141	HH	6748	112715	0.60%	0.012%
213	10.151	10.141	10.176	HH	6318	112977	0.60%	0.012%
214	10.201	10.176	10.236	HH	7685	220258	1.18%	0.024%
215	10.262	10.236	10.303	HH	9571	296955	1.59%	0.033%
216	10.334	10.303	10.341	HH	6639	145885	0.78%	0.016%
217	10.361	10.341	10.384	HH	11784	236794	1.27%	0.026%
218	10.408	10.384	10.416	HH	12930	208224	1.11%	0.023%
219	10.427	10.416	10.465	HH	14752	289583	1.55%	0.032%
220	10.474	10.465	10.488	HH	6712	92817	0.50%	0.010%
221	10.505	10.488	10.521	HH	7452	129267	0.69%	0.014%
222	10.535	10.521	10.555	HH	6290	124176	0.66%	0.014%
223	10.600	10.555	10.652	HH	168886	2315190	12.39%	0.255%
224	10.675	10.652	10.765	HH	42544	1011977	5.41%	0.112%
225	10.771	10.765	10.807	HH	7905	186835	1.00%	0.021%
226	10.812	10.807	10.844	HH	7317	156214	0.84%	0.017%
227	10.862	10.844	10.881	HH	8631	176202	0.94%	0.019%
228	10.908	10.881	10.962	HH	19283	536559	2.87%	0.059%
229	11.005	10.962	11.018	HH	8669	273303	1.46%	0.030%
230	11.031	11.018	11.037	HH	8716	97459	0.52%	0.011%
231	11.057	11.037	11.082	HH	12455	269108	1.44%	0.030%
232	11.142	11.082	11.172	HH	13376	543126	2.91%	0.060%
233	11.204	11.172	11.222	HH	9193	249374	1.33%	0.028%
234	11.249	11.222	11.274	HH	10478	285623	1.53%	0.032%
235	11.297	11.274	11.314	HH	8841	203546	1.09%	0.022%
236	11.345	11.314	11.374	HH	9019	311517	1.67%	0.034%
237	11.401	11.374	11.415	HH	22721	370662	1.98%	0.041%
238	11.431	11.415	11.465	HH	26520	503108	2.69%	0.055%
239	11.510	11.465	11.530	HH	28698	662851	3.55%	0.073%
240	11.546	11.530	11.561	HH	20285	306525	1.64%	0.034%
241	11.578	11.561	11.631	HH	22099	553849	2.96%	0.061%
242	11.653	11.631	11.667	HH	10375	215013	1.15%	0.024%
243	11.723	11.667	11.750	HH	15047	574307	3.07%	0.063%
244	11.778	11.750	11.849	HH	29318	872829	4.67%	0.096%
245	11.873	11.849	11.910	HH	19758	487832	2.61%	0.054%
246	11.930	11.910	11.967	HH	12784	385544	2.06%	0.043%

247	11.984	11.967	12.000	HH	12254	230640	1.23%	0.025%
248	12.018	12.000	12.047	HH	12761	327452	1.75%	0.036%
249	12.075	12.047	12.087	HH	11581	261826	1.40%	0.029%
250	12.138	12.087	12.167	HH	13173	589041	3.15%	0.065%
251	12.187	12.167	12.201	HH	15704	272756	1.46%	0.030%
252	12.205	12.201	12.227	HH	14082	197061	1.05%	0.022%
253	12.253	12.227	12.275	HH	15422	396632	2.12%	0.044%
254	12.296	12.275	12.316	HH	22256	432979	2.32%	0.048%
255	12.333	12.316	12.344	HH	16532	263224	1.41%	0.029%
256	12.361	12.344	12.384	HH	21671	418558	2.24%	0.046%
257	12.411	12.384	12.466	HH	204997	2874654	15.38%	0.317%
258	12.482	12.466	12.501	HH	13965	274899	1.47%	0.030%
259	12.508	12.501	12.525	HH	13453	194955	1.04%	0.022%
260	12.545	12.525	12.558	HH	14350	271047	1.45%	0.030%
261	12.593	12.558	12.615	HH	18949	555216	2.97%	0.061%
262	12.632	12.615	12.641	HH	16447	248873	1.33%	0.027%
263	12.647	12.641	12.668	HH	16535	247661	1.33%	0.027%
264	12.705	12.668	12.740	HH	167112	2360052	12.63%	0.260%
265	12.763	12.740	12.781	HH	31584	565917	3.03%	0.062%
266	12.798	12.781	12.823	HH	30610	583721	3.12%	0.064%
267	12.846	12.823	12.867	HH	34060	636185	3.40%	0.070%
268	12.884	12.867	12.900	HH	22708	396231	2.12%	0.044%
269	12.912	12.900	12.947	HH	20732	509969	2.73%	0.056%
270	12.977	12.947	13.013	HH	26587	790990	4.23%	0.087%
271	13.033	13.013	13.052	HH	19731	428080	2.29%	0.047%
272	13.065	13.052	13.084	HH	18515	336397	1.80%	0.037%
273	13.104	13.084	13.142	HH	20488	636027	3.40%	0.070%
274	13.168	13.142	13.197	HH	25261	679083	3.63%	0.075%
275	13.205	13.197	13.240	HH	17984	448326	2.40%	0.049%
276	13.295	13.240	13.333	HH	41130	1362866	7.29%	0.150%
277	13.361	13.333	13.377	HH	20002	496305	2.66%	0.055%
278	13.402	13.377	13.423	HH	34385	716569	3.83%	0.079%
279	13.440	13.423	13.462	HH	29524	583106	3.12%	0.064%
280	13.478	13.462	13.501	HH	25311	536466	2.87%	0.059%
281	13.505	13.501	13.511	HH	21000	125213	0.67%	0.014%
282	13.566	13.511	13.592	HH	32415	1247236	6.67%	0.138%
283	13.610	13.592	13.654	HH	28238	872866	4.67%	0.096%
284	13.697	13.654	13.714	HH	23195	791792	4.24%	0.087%
285	13.718	13.714	13.723	HH	21748	122775	0.66%	0.014%
286	13.762	13.723	13.786	HH	23306	846965	4.53%	0.093%
287	13.790	13.786	13.803	HH	23080	237392	1.27%	0.026%
288	13.821	13.803	13.842	HH	23044	525201	2.81%	0.058%
289	13.849	13.842	13.862	HH	22556	272501	1.46%	0.030%
290	13.881	13.862	13.893	HH	23062	418450	2.24%	0.046%
291	13.908	13.893	13.925	HH	23552	450104	2.41%	0.050%
292	13.947	13.925	13.958	HH	25740	485732	2.60%	0.054%
293	13.994	13.958	14.003	HH	27425	711912	3.81%	0.079%
294	14.034	14.003	14.082	HH	33728	1376540	7.37%	0.152%
295	14.123	14.082	14.152	HH	29756	1177594	6.30%	0.130%
296	14.159	14.152	14.181	HH	27891	470298	2.52%	0.052%
297	14.205	14.181	14.241	HH	37818	1149765	6.15%	0.127%
298	14.266	14.241	14.292	HH	46327	1101842	5.90%	0.122%
299	14.339	14.292	14.371	HH	37710	1540582	8.24%	0.170%

300	14.391	14.371	14.417	HH	31776	860127	4.60%	0.095%
301	14.452	14.417	14.485	HH	111710	2300652	12.31%	0.254%
302	14.497	14.485	14.515	HH	31416	535490	2.87%	0.059%
303	14.538	14.515	14.544	HH	35074	569144	3.05%	0.063%
304	14.579	14.544	14.600	HH	102833	2031520	10.87%	0.224%
305	14.619	14.600	14.678	HH	108822	2599027	13.91%	0.287%
306	14.682	14.678	14.698	HH	34862	397734	2.13%	0.044%
307	14.738	14.698	14.758	HH	47189	1426623	7.63%	0.157%
308	14.762	14.758	14.771	HH	38126	291428	1.56%	0.032%
309	14.774	14.771	14.794	HH	38148	519962	2.78%	0.057%
310	14.806	14.794	14.822	HH	36854	605398	3.24%	0.067%
311	14.838	14.822	14.868	HH	39554	1038853	5.56%	0.115%
312	14.897	14.868	14.931	HH	44492	1544359	8.26%	0.170%
313	14.938	14.931	14.957	HH	40406	599640	3.21%	0.066%
314	14.963	14.957	14.981	HH	38602	546287	2.92%	0.060%
315	15.031	14.981	15.102	HH	67915	3306593	17.69%	0.365%
316	15.109	15.102	15.118	HH	39522	369043	1.97%	0.041%
317	15.168	15.118	15.184	HH	45079	1661809	8.89%	0.183%
318	15.201	15.184	15.209	HH	44729	662299	3.54%	0.073%
319	15.250	15.209	15.270	HH	59033	1833157	9.81%	0.202%
320	15.287	15.270	15.319	HH	52668	1419607	7.60%	0.157%
321	15.336	15.319	15.348	HH	47348	803231	4.30%	0.089%
322	15.390	15.348	15.395	HH	52698	1413286	7.56%	0.156%
323	15.413	15.395	15.461	HH	57991	2065975	11.05%	0.228%
324	15.481	15.461	15.486	HH	52412	761149	4.07%	0.084%
325	15.490	15.486	15.516	HH	52175	901893	4.83%	0.099%
326	15.520	15.516	15.524	HH	50776	266267	1.42%	0.029%
327	15.546	15.524	15.555	HH	51998	941431	5.04%	0.104%
328	15.576	15.555	15.594	HH	54873	1235707	6.61%	0.136%
329	15.635	15.594	15.654	HH	56900	1960144	10.49%	0.216%
330	15.672	15.654	15.706	HH	61135	1838226	9.84%	0.203%
331	15.713	15.706	15.718	HH	56473	380613	2.04%	0.042%
332	15.722	15.718	15.734	HH	56237	539026	2.88%	0.059%
333	15.750	15.734	15.762	HH	56249	953546	5.10%	0.105%
334	15.765	15.762	15.778	HH	56251	519015	2.78%	0.057%
335	15.782	15.778	15.793	HH	56366	519382	2.78%	0.057%
336	15.800	15.793	15.814	HH	56354	692820	3.71%	0.076%
337	15.843	15.814	15.870	HH	64244	2040852	10.92%	0.225%
338	15.878	15.870	15.894	HH	61538	872598	4.67%	0.096%
339	15.904	15.894	15.912	HH	61756	663844	3.55%	0.073%
340	15.930	15.912	15.948	HH	65833	1388931	7.43%	0.153%
341	15.954	15.948	15.972	HH	64291	888715	4.76%	0.098%
342	15.996	15.972	16.007	HH	65554	1355441	7.25%	0.149%
343	16.044	16.007	16.077	HH	74061	2875135	15.38%	0.317%
344	16.135	16.077	16.153	HH	146605	4245629	22.72%	0.468%
345	16.161	16.153	16.200	HH	104191	2371438	12.69%	0.262%
346	16.235	16.200	16.243	HH	77188	1907901	10.21%	0.210%
347	16.264	16.243	16.332	HH	88432	4370399	23.38%	0.482%
348	16.348	16.332	16.358	HH	80335	1210795	6.48%	0.134%
349	16.371	16.358	16.377	HH	79899	890662	4.77%	0.098%
350	16.454	16.377	16.487	HH	132104	6159856	32.96%	0.679%
351	16.513	16.487	16.553	HH	142748	4130975	22.10%	0.456%

352	16.584	16.553	16.592	HH	90960	2087332	11.17%	0.230%
353	16.618	16.592	16.644	HH	115121	3146455	16.84%	0.347%
354	16.665	16.644	16.687	HH	98550	2455665	13.14%	0.271%
355	16.704	16.687	16.716	HH	94709	1608683	8.61%	0.177%
356	16.766	16.716	16.776	HH	101176	3499497	18.72%	0.386%
357	16.780	16.776	16.790	HH	102265	865682	4.63%	0.095%
358	16.796	16.790	16.800	HH	101268	633561	3.39%	0.070%
359	16.840	16.800	16.857	HH	108866	3574315	19.12%	0.394%
360	16.885	16.857	16.892	HH	110666	2262675	12.11%	0.250%
361	16.919	16.892	16.947	HH	120066	3696113	19.78%	0.408%
362	16.952	16.947	16.956	HH	108847	622066	3.33%	0.069%
363	17.009	16.956	17.031	HH	124187	5148706	27.55%	0.568%
364	17.037	17.031	17.042	HH	113561	771284	4.13%	0.085%
365	17.065	17.042	17.072	HH	117159	2031088	10.87%	0.224%
366	17.090	17.072	17.101	HH	117930	2022270	10.82%	0.223%
367	17.119	17.101	17.134	HH	117933	2324810	12.44%	0.256%
368	17.167	17.134	17.201	HH	125926	4818924	25.78%	0.531%
369	17.223	17.201	17.261	HH	124372	4403121	23.56%	0.486%
370	17.283	17.261	17.290	HH	120741	2051199	10.97%	0.226%
371	17.315	17.290	17.331	HH	125535	3027574	16.20%	0.334%
372	17.346	17.331	17.361	HH	124479	2175819	11.64%	0.240%
373	17.388	17.361	17.409	HH	132055	3738874	20.00%	0.412%
374	17.426	17.409	17.440	HH	131977	2413081	12.91%	0.266%
375	17.496	17.440	17.513	HH	145760	6082575	32.54%	0.671%
376	17.524	17.513	17.547	HH	141708	2777437	14.86%	0.306%
377	17.558	17.547	17.568	HH	137279	1744436	9.33%	0.192%
378	17.592	17.568	17.598	HH	144391	2503383	13.39%	0.276%
379	17.628	17.598	17.652	HH	178302	5226067	27.96%	0.576%
380	17.659	17.652	17.706	HH	158196	4932828	26.39%	0.544%
381	17.709	17.706	17.714	HH	149577	723647	3.87%	0.080%
382	17.728	17.714	17.745	HH	151849	2847043	15.23%	0.314%
383	17.758	17.745	17.767	HH	151325	1973465	10.56%	0.218%
384	17.795	17.767	17.812	HH	164548	4263364	22.81%	0.470%
385	17.822	17.812	17.839	HH	165080	2606829	13.95%	0.288%
386	17.862	17.839	17.866	HH	172826	2755270	14.74%	0.304%
387	17.888	17.866	17.911	HH	195470	4804850	25.71%	0.530%
388	17.929	17.911	17.948	HH	172970	3785797	20.26%	0.418%
389	17.965	17.948	17.970	HH	171067	2242000	12.00%	0.247%
390	17.994	17.970	18.013	HH	195972	4724024	25.28%	0.521%
391	18.021	18.013	18.052	HH	184561	4300136	23.01%	0.474%
392	18.056	18.052	18.058	HH	179765	648376	3.47%	0.072%
393	18.065	18.058	18.089	HH	182128	3297722	17.64%	0.364%
394	18.094	18.089	18.099	HH	175213	1043278	5.58%	0.115%
395	18.143	18.099	18.169	HH	216937	7964655	42.61%	0.878%
396	18.184	18.169	18.197	HH	184763	3142078	16.81%	0.347%
397	18.236	18.197	18.250	HH	191881	5968398	31.93%	0.658%
398	18.279	18.250	18.301	HH	206068	5969519	31.94%	0.658%
399	18.309	18.301	18.317	HH	202457	1971792	10.55%	0.217%
400	18.332	18.317	18.351	HH	205179	4049633	21.67%	0.447%
401	18.361	18.351	18.367	HH	198197	1974109	10.56%	0.218%
402	18.416	18.367	18.442	HH	228821	9477369	50.71%	1.045%
403	18.465	18.442	18.491	HH	230249	6515334	34.86%	0.719%
404	18.497	18.491	18.512	HH	216569	2669516	14.28%	0.294%

405	18.523	18.512	18.527	HH	212382	1898080	10.16%	0.209%
406	18.533	18.527	18.539	HH	212025	1507906	8.07%	0.166%
407	18.557	18.539	18.566	HH	215884	3500370	18.73%	0.386%
408	18.583	18.566	18.587	HH	220873	2759886	14.77%	0.304%
409	18.597	18.587	18.607	HH	223676	2636173	14.10%	0.291%
410	18.612	18.607	18.630	HH	223038	3004231	16.07%	0.331%
411	18.684	18.630	18.705	HH	242343	10549727	56.45%	1.164%
412	18.745	18.705	18.765	HH	260442	8929831	47.78%	0.985%
413	18.772	18.765	18.780	HH	244063	2096439	11.22%	0.231%
414	18.786	18.780	18.797	HH	245114	2479899	13.27%	0.274%
415	18.819	18.797	18.844	HH	262223	7227451	38.67%	0.797%
416	18.848	18.844	18.857	HH	254557	1982387	10.61%	0.219%
417	18.862	18.857	18.877	HH	253159	3063350	16.39%	0.338%
418	18.883	18.877	18.887	HH	252640	1510615	8.08%	0.167%
419	18.935	18.887	18.955	HH	262432	10444991	55.89%	1.152%
420	18.961	18.955	18.973	HH	262503	2778697	14.87%	0.306%
421	18.979	18.973	18.984	HH	263563	1830612	9.79%	0.202%
422	18.992	18.984	18.998	HH	262864	2100297	11.24%	0.232%
423	19.006	18.998	19.026	HH	263367	4502301	24.09%	0.497%
424	19.039	19.026	19.054	HH	264251	4390029	23.49%	0.484%
425	19.068	19.054	19.075	HH	266195	3291908	17.61%	0.363%
426	19.086	19.075	19.092	HH	272123	2808947	15.03%	0.310%
427	19.128	19.092	19.156	HH	296838	10972099	58.71%	1.210%
428	19.161	19.156	19.165	HH	284043	1427279	7.64%	0.157%
429	19.172	19.165	19.177	HH	285188	2122834	11.36%	0.234%
430	19.226	19.177	19.239	HH	305400	11064555	59.20%	1.220%
431	19.247	19.239	19.252	HH	300691	2198662	11.76%	0.242%
432	19.257	19.252	19.272	HH	300586	3607056	19.30%	0.398%
433	19.304	19.272	19.339	HH	310999	12257423	65.58%	1.352%
434	19.342	19.339	19.346	HH	301639	1328319	7.11%	0.146%
435	19.378	19.346	19.414	HH	318609	12520831	66.99%	1.381%
436	19.459	19.414	19.474	HH	327035	11464540	61.34%	1.264%
437	19.494	19.474	19.501	HH	327865	5236708	28.02%	0.578%
438	19.523	19.501	19.544	HH	337945	8543116	45.71%	0.942%
439	19.570	19.544	19.579	HH	330100	6939269	37.13%	0.765%
440	19.592	19.579	19.597	HH	335724	3561707	19.06%	0.393%
441	19.601	19.597	19.613	HH	335166	3246375	17.37%	0.358%
442	19.636	19.613	19.661	HH	336511	9438903	50.50%	1.041%
443	19.683	19.661	19.694	HH	346052	6792712	36.34%	0.749%
444	19.697	19.694	19.709	HH	344686	2924935	15.65%	0.323%
445	19.713	19.709	19.723	HH	341509	2937800	15.72%	0.324%
446	19.746	19.723	19.788	HH	362380	13761163	73.63%	1.518%
447	19.823	19.788	19.837	HH	359120	10345641	55.35%	1.141%
448	19.863	19.837	19.886	HH	365787	10706500	57.29%	1.181%
449	19.914	19.886	19.941	HH	384951	12091415	64.70%	1.334%
450	19.995	19.941	20.009	HH	381577	15409253	82.45%	1.699%
451	20.015	20.009	20.036	HH	381900	6051595	32.38%	0.667%
452	20.044	20.036	20.075	HH	382229	8893758	47.59%	0.981%
453	20.092	20.075	20.109	HH	376779	7679452	41.09%	0.847%
454	20.121	20.109	20.145	HH	381259	8101515	43.35%	0.893%
455	20.165	20.145	20.172	HH	384296	6195859	33.15%	0.683%
456	20.203	20.172	20.205	HH	404224	7943764	42.50%	0.876%

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457	20.224	20.205	20.235	HH	411435	7305270	39.09%	0.806%
458	20.240	20.235	20.245	HH	409267	2432214	13.01%	0.268%
459	20.252	20.245	20.267	HH	412860	5280035	28.25%	0.582%
460	20.277	20.267	20.297	HH	414421	7377719	39.47%	0.814%
461	20.303	20.297	20.317	HH	410512	4852642	25.96%	0.535%
462	20.329	20.317	20.371	HH	411232	13205042	70.65%	1.456%
463	20.393	20.371	20.404	HH	408619	7931414	42.44%	0.875%
464	20.442	20.404	20.451	HH	414046	11696621	62.58%	1.290%
465	20.479	20.451	20.499	HH	413216	11830504	63.30%	1.305%
466	20.503	20.499	20.506	HH	410388	1610023	8.61%	0.178%
467	20.510	20.506	20.519	HH	410942	3342297	17.88%	0.369%
468	20.524	20.519	20.541	HH	407508	5133486	27.47%	0.566%
469	20.561	20.541	20.596	HH	417178	13372685	71.55%	1.475%
470	20.610	20.596	20.621	HH	397942	5931788	31.74%	0.654%
471	20.626	20.621	20.647	HH	391820	6171825	33.02%	0.681%
472	20.661	20.647	20.672	HH	390694	5844066	31.27%	0.645%
473	20.676	20.672	20.681	HH	389329	1971001	10.55%	0.217%
474	20.688	20.681	20.704	HH	389889	5418225	28.99%	0.598%
475	20.760	20.704	20.765	HH	398862	14473703	77.44%	1.596%
476	20.776	20.765	20.795	HH	401577	7189017	38.46%	0.793%
477	20.806	20.795	20.833	HH	401652	8881628	47.52%	0.980%
478	20.843	20.833	20.889	HH	390259	12992941	69.52%	1.433%
479	20.895	20.889	20.902	HH	376179	2913075	15.59%	0.321%
480	20.907	20.902	20.914	HH	377110	2619900	14.02%	0.289%
481	20.946	20.914	20.989	HH	389240	17065614	91.31%	1.882%
482	20.997	20.989	21.027	HH	372553	8512725	45.55%	0.939%
483	21.040	21.027	21.046	HH	376627	4135653	22.13%	0.456%
484	21.050	21.046	21.087	HH	377021	9347670	50.01%	1.031%
485	21.094	21.087	21.102	HH	374733	3360196	17.98%	0.371%
486	21.120	21.102	21.126	HH	373715	5321919	28.47%	0.587%
487	21.129	21.126	21.147	HH	370759	4647934	24.87%	0.513%
488	21.163	21.147	21.234	HH	367319	18689839	100.00%	2.061%
489	21.239	21.234	21.270	HH	352419	7517830	40.22%	0.829%
490	21.289	21.270	21.301	HH	351809	6485178	34.70%	0.715%
491	21.339	21.301	21.347	HH	354589	9770835	52.28%	1.078%
492	21.363	21.347	21.374	HH	353835	5572179	29.81%	0.615%
493	21.391	21.374	21.436	HH	364816	13185782	70.55%	1.454%
494	21.445	21.436	21.453	HH	347061	3670560	19.64%	0.405%
495	21.470	21.453	21.479	HH	350325	5366084	28.71%	0.592%
496	21.484	21.479	21.501	HHA	351211	4698618	25.14%	0.518%

Sum of corrected areas: 906718421

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