

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092419\
 Data File : FF005647.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2019 16:17
 Sample : K4997-09MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090319.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.257	2.232	2.319	BH	212734	1595629	14.75%	0.279%
2	2.322	2.319	2.359	HH	235	-2641	-0.02%	-0.000%
3	2.368	2.359	2.401	PH	-270	-9102	-0.08%	-0.002%
4	2.442	2.401	2.467	PH	-116	-13824	-0.13%	-0.002%
5	2.479	2.467	2.512	PH	4012	24021	0.22%	0.004%
6	2.528	2.512	2.540	PH	1254	6258	0.06%	0.001%
7	2.548	2.540	2.566	PH	123	-3340	-0.03%	-0.001%
8	2.581	2.566	2.595	PH	787	953	0.01%	0.000%
9	2.610	2.595	2.691	PH	-81	-28528	-0.26%	-0.005%
10	2.715	2.691	2.754	PH	-369	-21961	-0.20%	-0.004%
11	2.761	2.754	2.785	PH	-791	-15665	-0.14%	-0.003%
12	2.813	2.785	2.835	PH	469	-4815	-0.04%	-0.001%
13	2.842	2.835	2.857	PH	-485	-8024	-0.07%	-0.001%
14	2.868	2.857	2.887	PH	-444	-11129	-0.10%	-0.002%
15	2.903	2.887	2.923	PH	-405	-13057	-0.12%	-0.002%
16	2.930	2.923	2.947	PH	-637	-10434	-0.10%	-0.002%
17	2.999	2.947	3.007	PH	221	-13938	-0.13%	-0.002%
18	3.025	3.007	3.046	PH	1387	12040	0.11%	0.002%
19	3.049	3.046	3.077	PH	175	-1265	-0.01%	-0.000%
20	3.093	3.077	3.106	PH	66	-1788	-0.02%	-0.000%
21	3.119	3.106	3.153	PH	-193	-14333	-0.13%	-0.003%
22	3.160	3.153	3.194	PH	-701	-18833	-0.17%	-0.003%
23	3.215	3.194	3.253	PH	-355	-23183	-0.21%	-0.004%
24	3.275	3.253	3.286	PH	440	-4220	-0.04%	-0.001%
25	3.290	3.286	3.305	PH	-101	-4528	-0.04%	-0.001%
26	3.311	3.305	3.347	PH	-614	-21623	-0.20%	-0.004%
27	3.353	3.347	3.357	PH	-1038	-6581	-0.06%	-0.001%
28	3.376	3.357	3.383	PH	-824	-14953	-0.14%	-0.003%
29	3.395	3.383	3.410	PH	-504	-12122	-0.11%	-0.002%
30	3.421	3.410	3.441	PH	-554	-15126	-0.14%	-0.003%
31	3.460	3.441	3.522	PH	-561	-42147	-0.39%	-0.007%
32	3.540	3.522	3.559	PH	26	-10702	-0.10%	-0.002%
33	3.571	3.559	3.592	PH	-624	-16518	-0.15%	-0.003%
34	3.606	3.592	3.623	PH	-790	-15986	-0.15%	-0.003%
35	3.647	3.623	3.671	PH	69	-15276	-0.14%	-0.003%
36	3.674	3.671	3.699	PH	-654	-12420	-0.11%	-0.002%

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37	3.718	3.699	3.734	PH	-90	-10133	-0.09%	-0.002%
38	3.737	3.734	3.749	PH	-559	-6208	-0.06%	-0.001%
39	3.769	3.749	3.796	PH	-404	-18552	-0.17%	-0.003%
40	3.813	3.796	3.837	PH	-73	-15954	-0.15%	-0.003%
41	3.856	3.837	3.905	PH	219	-23550	-0.22%	-0.004%
42	3.945	3.905	3.956	PH	-173	-18408	-0.17%	-0.003%
43	3.975	3.956	3.992	PH	1184	14209	0.13%	0.002%
44	4.001	3.992	4.025	HH	1011	14242	0.13%	0.002%
45	4.036	4.025	4.069	HH	794	5721	0.05%	0.001%
46	4.073	4.069	4.076	PH	-214	-909	-0.01%	-0.000%
47	4.107	4.076	4.134	PH	2014	33994	0.31%	0.006%
48	4.146	4.134	4.174	HH	1109	14760	0.14%	0.003%
49	4.180	4.174	4.234	HH	194	-6050	-0.06%	-0.001%
50	4.240	4.234	4.242	PH	-404	-2328	-0.02%	-0.000%
51	4.256	4.242	4.276	PH	-308	-8632	-0.08%	-0.002%
52	4.295	4.276	4.315	PH	-248	-10557	-0.10%	-0.002%
53	4.343	4.315	4.406	PH	268987	2457648	22.72%	0.430%
54	4.411	4.406	4.433	HH	139	567	0.01%	0.000%
55	4.445	4.433	4.477	PH	21	-6535	-0.06%	-0.001%
56	4.495	4.477	4.528	PH	594	-1832	-0.02%	-0.000%
57	4.541	4.528	4.547	PH	24	-1537	-0.01%	-0.000%
58	4.565	4.547	4.586	PH	3342	43868	0.41%	0.008%
59	4.596	4.586	4.614	HH	1988	21671	0.20%	0.004%
60	4.624	4.614	4.688	HH	651	329	0.00%	0.000%
61	4.717	4.688	4.735	PH	-35	-8032	-0.07%	-0.001%
62	4.750	4.735	4.784	PH	-26	-7271	-0.07%	-0.001%
63	4.813	4.784	4.851	PH	397	-7854	-0.07%	-0.001%
64	4.854	4.851	4.918	PH	-575	-27202	-0.25%	-0.005%
65	4.945	4.918	4.964	PH	-340	-14715	-0.14%	-0.003%
66	4.987	4.964	5.002	PH	-104	-7421	-0.07%	-0.001%
67	5.025	5.002	5.047	PH	105	-4340	-0.04%	-0.001%
68	5.061	5.047	5.072	PH	62	-1927	-0.02%	-0.000%
69	5.084	5.072	5.132	PH	-17	-9533	-0.09%	-0.002%
70	5.154	5.132	5.188	PH	50	-7608	-0.07%	-0.001%
71	5.208	5.188	5.257	PH	902	5364	0.05%	0.001%
72	5.267	5.257	5.287	PH	81	-3990	-0.04%	-0.001%
73	5.292	5.287	5.315	PH	-548	-11320	-0.10%	-0.002%
74	5.333	5.315	5.354	PH	-614	-16293	-0.15%	-0.003%
75	5.382	5.354	5.406	PH	3215	21595	0.20%	0.004%
76	5.416	5.406	5.429	PH	24	-2322	-0.02%	-0.000%
77	5.443	5.429	5.487	PH	680	-4966	-0.05%	-0.001%
78	5.504	5.487	5.523	PH	-585	-14559	-0.13%	-0.003%
79	5.564	5.523	5.605	PH	93	-27393	-0.25%	-0.005%
80	5.617	5.605	5.631	PH	-592	-10966	-0.10%	-0.002%
81	5.662	5.631	5.672	PH	1450	14169	0.13%	0.002%
82	5.688	5.672	5.705	HH	2338	33380	0.31%	0.006%
83	5.712	5.705	5.816	HH	1599	10660	0.10%	0.002%
84	5.835	5.816	5.859	PH	-31	-6770	-0.06%	-0.001%
85	5.869	5.859	5.876	PH	-168	-2340	-0.02%	-0.000%
86	5.894	5.876	5.908	PH	62	-2005	-0.02%	-0.000%
87	5.938	5.908	5.998	PH	6095	102308	0.95%	0.018%
88	6.023	5.998	6.052	HH	1052	13556	0.13%	0.002%
89	6.079	6.052	6.134	PH	950	5245	0.05%	0.001%

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90	6.166	6.134	6.192	PH	202	-1895	-0.02%	-0.000%
91	6.214	6.192	6.239	PH	750	7157	0.07%	0.001%
92	6.255	6.239	6.264	HH	264	2145	0.02%	0.000%
93	6.284	6.264	6.302	HH	457	5324	0.05%	0.001%
94	6.362	6.302	6.438	HH	249920	2505604	23.17%	0.439%
95	6.453	6.438	6.486	HH	653	11489	0.11%	0.002%
96	6.510	6.486	6.531	HH	2075	22935	0.21%	0.004%
97	6.549	6.531	6.599	HH	505	4424	0.04%	0.001%
98	6.643	6.599	6.664	PH	443	-1974	-0.02%	-0.000%
99	6.686	6.664	6.712	PH	1486	23470	0.22%	0.004%
100	6.716	6.712	6.729	HH	837	6979	0.06%	0.001%
101	6.767	6.729	6.792	HH	1539	35833	0.33%	0.006%
102	6.800	6.792	6.834	HH	616	11869	0.11%	0.002%
103	6.857	6.834	6.870	HH	1267	17771	0.16%	0.003%
104	6.897	6.870	6.909	HH	1545	31550	0.29%	0.006%
105	6.921	6.909	6.948	HH	1567	29454	0.27%	0.005%
106	6.968	6.948	6.974	HH	2349	27845	0.26%	0.005%
107	6.993	6.974	7.044	HH	9819	179692	1.66%	0.031%
108	7.062	7.044	7.101	HH	3578	63089	0.58%	0.011%
109	7.123	7.101	7.174	HH	17405	250270	2.31%	0.044%
110	7.184	7.174	7.216	HH	2018	34582	0.32%	0.006%
111	7.235	7.216	7.256	HH	1209	23766	0.22%	0.004%
112	7.284	7.256	7.309	HH	4981	71931	0.67%	0.013%
113	7.335	7.309	7.339	HH	1752	24055	0.22%	0.004%
114	7.347	7.339	7.390	HH	1835	45029	0.42%	0.008%
115	7.408	7.390	7.434	HH	1046	22867	0.21%	0.004%
116	7.458	7.434	7.486	HH	1306	27094	0.25%	0.005%
117	7.510	7.486	7.528	HH	1024	20233	0.19%	0.004%
118	7.536	7.528	7.548	HH	842	8647	0.08%	0.002%
119	7.571	7.548	7.605	HH	1964	34535	0.32%	0.006%
120	7.624	7.605	7.639	HH	718	10942	0.10%	0.002%
121	7.653	7.639	7.672	HH	479	7390	0.07%	0.001%
122	7.718	7.672	7.726	HH	2761	46951	0.43%	0.008%
123	7.731	7.726	7.752	HH	2742	38635	0.36%	0.007%
124	7.758	7.752	7.790	HH	2067	37030	0.34%	0.006%
125	7.818	7.790	7.827	HH	1311	26773	0.25%	0.005%
126	7.876	7.827	7.926	HH	5160	186532	1.72%	0.033%
127	7.940	7.926	7.949	HH	2722	34109	0.32%	0.006%
128	7.981	7.949	8.032	HH	10455	293223	2.71%	0.051%
129	8.083	8.032	8.099	HH	33212	452111	4.18%	0.079%
130	8.112	8.099	8.129	HH	18446	239112	2.21%	0.042%
131	8.155	8.129	8.195	HH	222259	2558879	23.66%	0.448%
132	8.217	8.195	8.244	HH	72018	979406	9.06%	0.172%
133	8.267	8.244	8.337	HH	74824	1357240	12.55%	0.238%
134	8.357	8.337	8.397	HH	12021	237911	2.20%	0.042%
135	8.401	8.397	8.470	HH	4455	137674	1.27%	0.024%
136	8.509	8.470	8.522	HH	3820	95239	0.88%	0.017%
137	8.533	8.522	8.541	HH	3709	40551	0.37%	0.007%
138	8.563	8.541	8.591	HH	13471	218223	2.02%	0.038%
139	8.611	8.591	8.658	HH	8493	220338	2.04%	0.039%
140	8.689	8.658	8.713	HH	7540	170619	1.58%	0.030%
141	8.725	8.713	8.737	HH	3889	52173	0.48%	0.009%

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142	8.750	8.737	8.771	HH	4878	82397	0.76%	0.014%
143	8.802	8.771	8.822	HH	11292	204739	1.89%	0.036%
144	8.840	8.822	8.859	HH	8608	150602	1.39%	0.026%
145	8.876	8.859	8.907	HH	8552	195099	1.80%	0.034%
146	8.926	8.907	8.951	HH	7163	153285	1.42%	0.027%
147	8.973	8.951	8.994	HH	21207	297226	2.75%	0.052%
148	9.013	8.994	9.056	HH	21420	355667	3.29%	0.062%
149	9.077	9.056	9.102	HH	6719	138444	1.28%	0.024%
150	9.126	9.102	9.145	HH	24354	332208	3.07%	0.058%
151	9.161	9.145	9.187	HH	16871	252487	2.33%	0.044%
152	9.214	9.187	9.231	HH	15807	261518	2.42%	0.046%
153	9.263	9.231	9.288	HH	20370	402271	3.72%	0.070%
154	9.307	9.288	9.330	HH	16176	259592	2.40%	0.045%
155	9.351	9.330	9.403	HH	22826	602602	5.57%	0.106%
156	9.425	9.403	9.458	HH	20851	387746	3.59%	0.068%
157	9.469	9.458	9.476	HH	9278	97214	0.90%	0.017%
158	9.495	9.476	9.516	HH	20110	327436	3.03%	0.057%
159	9.527	9.516	9.540	HH	10064	126475	1.17%	0.022%
160	9.556	9.540	9.594	HH	12787	296013	2.74%	0.052%
161	9.612	9.594	9.649	HH	11910	275061	2.54%	0.048%
162	9.672	9.649	9.709	HH	18556	394509	3.65%	0.069%
163	9.721	9.709	9.729	HH	8981	100643	0.93%	0.018%
164	9.756	9.729	9.796	HH	231069	2856100	26.41%	0.500%
165	9.803	9.796	9.820	HH	10321	139193	1.29%	0.024%
166	9.831	9.820	9.847	HH	9659	148178	1.37%	0.026%
167	9.860	9.847	9.896	HH	8792	200877	1.86%	0.035%
168	9.929	9.896	9.994	HH	9147	339412	3.14%	0.059%
169	10.015	9.994	10.024	HH	4317	71904	0.66%	0.013%
170	10.052	10.024	10.073	HH	5712	151488	1.40%	0.027%
171	10.091	10.073	10.129	HH	12228	267690	2.48%	0.047%
172	10.144	10.129	10.166	HH	7311	137322	1.27%	0.024%
173	10.200	10.166	10.212	HH	16667	316762	2.93%	0.055%
174	10.231	10.212	10.254	HH	25849	458050	4.24%	0.080%
175	10.273	10.254	10.307	HH	23476	441548	4.08%	0.077%
176	10.347	10.307	10.387	HH	25961	688122	6.36%	0.120%
177	10.415	10.387	10.459	HH	23016	690355	6.38%	0.121%
178	10.492	10.459	10.500	HH	17768	360808	3.34%	0.063%
179	10.517	10.500	10.534	HH	30007	445043	4.12%	0.078%
180	10.557	10.534	10.594	HH	30747	719691	6.65%	0.126%
181	10.624	10.594	10.637	HH	13012	294447	2.72%	0.052%
182	10.653	10.637	10.670	HH	17660	280359	2.59%	0.049%
183	10.688	10.670	10.703	HH	12804	230589	2.13%	0.040%
184	10.720	10.703	10.729	HH	14069	184441	1.71%	0.032%
185	10.752	10.729	10.807	HH	261059	3477856	32.16%	0.609%
186	10.830	10.807	10.870	HH	80801	1347925	12.46%	0.236%
187	10.876	10.870	10.909	HH	14951	301940	2.79%	0.053%
188	10.924	10.909	10.983	HH	10961	425757	3.94%	0.075%
189	11.006	10.983	11.014	HH	9503	160987	1.49%	0.028%
190	11.019	11.014	11.030	HH	9506	92282	0.85%	0.016%
191	11.058	11.030	11.085	HH	26462	581027	5.37%	0.102%
192	11.101	11.085	11.105	HH	14428	159719	1.48%	0.028%
193	11.119	11.105	11.132	HH	16064	242258	2.24%	0.042%
194	11.151	11.132	11.169	HH	18786	355921	3.29%	0.062%

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195	11.199	11.169	11.234	HH	223852	2994154	27.68%	0.524%
196	11.245	11.234	11.259	HH	21286	293317	2.71%	0.051%
197	11.281	11.259	11.327	HH	45560	994353	9.19%	0.174%
198	11.351	11.327	11.368	HH	26832	474394	4.39%	0.083%
199	11.407	11.368	11.426	HH	27545	772897	7.15%	0.135%
200	11.448	11.426	11.499	HH	29078	895676	8.28%	0.157%
201	11.517	11.499	11.528	HH	15457	240614	2.22%	0.042%
202	11.557	11.528	11.573	HH	114040	1490799	13.78%	0.261%
203	11.589	11.573	11.631	HH	125902	1867969	17.27%	0.327%
204	11.669	11.631	11.688	HH	69975	1504968	13.92%	0.264%
205	11.706	11.688	11.720	HH	90161	1186896	10.97%	0.208%
206	11.737	11.720	11.784	HH	113963	1855698	17.16%	0.325%
207	11.808	11.784	11.821	HH	16180	329279	3.04%	0.058%
208	11.845	11.821	11.852	HH	18366	313558	2.90%	0.055%
209	11.868	11.852	11.879	HH	19794	303497	2.81%	0.053%
210	11.893	11.879	11.912	HH	22025	380050	3.51%	0.067%
211	11.939	11.912	12.006	HH	44122	1588906	14.69%	0.278%
212	12.031	12.006	12.076	HH	57337	1377566	12.74%	0.241%
213	12.096	12.076	12.105	HH	27911	427763	3.96%	0.075%
214	12.134	12.105	12.162	HH	150376	2503612	23.15%	0.438%
215	12.174	12.162	12.197	HH	28302	517614	4.79%	0.091%
216	12.209	12.197	12.226	HH	22360	366426	3.39%	0.064%
217	12.245	12.226	12.252	HH	22650	339934	3.14%	0.060%
218	12.279	12.252	12.293	HH	34131	688347	6.36%	0.121%
219	12.304	12.293	12.329	HH	35396	629064	5.82%	0.110%
220	12.350	12.329	12.363	HH	51230	765893	7.08%	0.134%
221	12.370	12.363	12.393	HH	38699	516803	4.78%	0.090%
222	12.426	12.393	12.441	HH	57902	1079489	9.98%	0.189%
223	12.461	12.441	12.480	HH	119279	1741772	16.11%	0.305%
224	12.513	12.480	12.554	HH	254583	4568113	42.24%	0.800%
225	12.580	12.554	12.637	HH	398049	5707752	52.78%	0.999%
226	12.674	12.637	12.695	HH	28954	820299	7.58%	0.144%
227	12.722	12.695	12.750	HH	54943	1345722	12.44%	0.236%
228	12.767	12.750	12.783	HH	50404	785713	7.26%	0.138%
229	12.805	12.783	12.851	HH	47257	1568602	14.50%	0.275%
230	12.880	12.851	12.919	HH	399165	5413491	50.06%	0.948%
231	12.936	12.919	12.951	HH	49560	782170	7.23%	0.137%
232	12.968	12.951	12.997	HH	59475	1112854	10.29%	0.195%
233	13.010	12.997	13.022	HH	28831	428650	3.96%	0.075%
234	13.054	13.022	13.074	HH	43238	1041983	9.63%	0.182%
235	13.091	13.074	13.109	HH	30123	591649	5.47%	0.104%
236	13.124	13.109	13.133	HH	29311	395511	3.66%	0.069%
237	13.154	13.133	13.183	HH	57568	1267742	11.72%	0.222%
238	13.208	13.183	13.254	HH	57068	1668261	15.43%	0.292%
239	13.278	13.254	13.289	HH	43561	739857	6.84%	0.130%
240	13.333	13.289	13.398	HH	83352	3659296	33.84%	0.641%
241	13.473	13.398	13.517	HH	119329	3879794	35.87%	0.679%
242	13.536	13.517	13.557	HH	39234	796536	7.37%	0.139%
243	13.581	13.557	13.600	HH	63828	1163273	10.76%	0.204%
244	13.621	13.600	13.646	HH	100612	1770207	16.37%	0.310%
245	13.651	13.646	13.680	HH	43487	771680	7.14%	0.135%
246	13.716	13.680	13.736	HH	238202	3828045	35.40%	0.670%

rteres								
247	13.749	13.736	13.772	HH	106447	1582707	14.63%	0.277%
248	13.790	13.772	13.836	HH	88042	1945948	17.99%	0.341%
249	13.847	13.836	13.860	HH	32540	459296	4.25%	0.080%
250	13.875	13.860	13.890	HH	34072	584291	5.40%	0.102%
251	13.919	13.890	13.932	HH	33896	842977	7.79%	0.148%
252	13.941	13.932	13.966	HH	33944	649604	6.01%	0.114%
253	13.981	13.966	13.993	HH	30578	483082	4.47%	0.085%
254	14.006	13.993	14.025	HH	28500	523262	4.84%	0.092%
255	14.032	14.025	14.041	HH	27324	255890	2.37%	0.045%
256	14.061	14.041	14.081	HH	38560	805056	7.44%	0.141%
257	14.109	14.081	14.131	HH	41895	1058291	9.79%	0.185%
258	14.184	14.131	14.199	HH	55442	1819775	16.83%	0.319%
259	14.224	14.199	14.251	HH	82400	1789511	16.55%	0.313%
260	14.282	14.251	14.296	HH	48676	1166606	10.79%	0.204%
261	14.315	14.296	14.365	HH	56345	1841722	17.03%	0.323%
262	14.393	14.365	14.409	HH	86267	1589559	14.70%	0.278%
263	14.419	14.409	14.431	HH	60925	777684	7.19%	0.136%
264	14.454	14.431	14.477	HH	102430	2075542	19.19%	0.363%
265	14.485	14.477	14.493	HH	52364	511714	4.73%	0.090%
266	14.504	14.493	14.513	HH	52817	630505	5.83%	0.110%
267	14.532	14.513	14.560	HH	80858	1659198	15.34%	0.291%
268	14.575	14.560	14.586	HH	47867	724711	6.70%	0.127%
269	14.618	14.586	14.701	HH	208691	5080851	46.98%	0.890%
270	14.729	14.701	14.744	HH	56833	1145349	10.59%	0.201%
271	14.771	14.744	14.791	HH	238710	3676992	34.00%	0.644%
272	14.816	14.791	14.850	HH	343407	6485257	59.96%	1.136%
273	14.868	14.850	14.896	HH	54224	1308960	12.10%	0.229%
274	14.930	14.896	14.940	HH	69625	1492422	13.80%	0.261%
275	14.946	14.940	14.991	HH	65981	1713971	15.85%	0.300%
276	15.009	14.991	15.016	HH	49468	699665	6.47%	0.123%
277	15.030	15.016	15.057	HH	50970	1132222	10.47%	0.198%
278	15.086	15.057	15.103	HH	69497	1560232	14.43%	0.273%
279	15.121	15.103	15.171	HH	65872	2230626	20.63%	0.391%
280	15.204	15.171	15.264	HH	204820	5254694	48.59%	0.920%
281	15.269	15.264	15.299	HH	53254	1014769	9.38%	0.178%
282	15.345	15.299	15.381	HH	72995	2826017	26.13%	0.495%
283	15.413	15.381	15.428	HH	82600	1923661	17.79%	0.337%
284	15.448	15.428	15.469	HH	140696	2448291	22.64%	0.429%
285	15.486	15.469	15.522	HH	88680	2077923	19.21%	0.364%
286	15.556	15.522	15.572	HH	62335	1725036	15.95%	0.302%
287	15.619	15.572	15.657	HH	86735	3551206	32.84%	0.622%
288	15.680	15.657	15.704	HH	59165	1554183	14.37%	0.272%
289	15.726	15.704	15.753	HH	60852	1585634	14.66%	0.278%
290	15.772	15.753	15.794	HH	58559	1298222	12.00%	0.227%
291	15.811	15.794	15.819	HH	50615	744789	6.89%	0.130%
292	15.849	15.819	15.893	HH	250524	4910144	45.40%	0.860%
293	15.911	15.893	15.933	HH	60764	1299404	12.01%	0.228%
294	15.953	15.933	15.967	HH	50969	1022137	9.45%	0.179%
295	15.984	15.967	16.000	HH	50681	950061	8.78%	0.166%
296	16.049	16.000	16.073	HH	63932	2379611	22.00%	0.417%
297	16.091	16.073	16.112	HH	69748	1416532	13.10%	0.248%
298	16.150	16.112	16.176	HH	72619	2476910	22.90%	0.434%
299	16.222	16.176	16.281	HH	164473	5529143	51.12%	0.968%

rteres								
300	16.299	16.281	16.310	HH	72142	1184773	10.95%	0.207%
301	16.343	16.310	16.363	HH	270095	5124215	47.38%	0.897%
302	16.371	16.363	16.396	HH	136839	2126220	19.66%	0.372%
303	16.406	16.396	16.443	HH	83507	1940069	17.94%	0.340%
304	16.477	16.443	16.499	HH	104742	2532885	23.42%	0.444%
305	16.505	16.499	16.527	HH	65138	1067024	9.87%	0.187%
306	16.531	16.527	16.572	HH	59689	1541042	14.25%	0.270%
307	16.601	16.572	16.606	HH	65917	1252177	11.58%	0.219%
308	16.628	16.606	16.643	HH	88722	1756789	16.24%	0.308%
309	16.668	16.643	16.697	HH	175763	3620529	33.48%	0.634%
310	16.729	16.697	16.772	HH	210764	5023538	46.45%	0.880%
311	16.805	16.772	16.859	HH	256031	6510708	60.20%	1.140%
312	16.881	16.859	16.922	HH	136612	3484739	32.22%	0.610%
313	16.970	16.922	17.012	HH	84718	4076036	37.69%	0.714%
314	17.033	17.012	17.056	HH	74941	1834697	16.96%	0.321%
315	17.089	17.056	17.104	HH	87250	2334886	21.59%	0.409%
316	17.113	17.104	17.145	HH	88948	2021083	18.69%	0.354%
317	17.170	17.145	17.212	HH	216248	5092003	47.08%	0.892%
318	17.257	17.212	17.299	HH	150284	5072476	46.90%	0.888%
319	17.327	17.299	17.372	HH	88190	3605209	33.34%	0.631%
320	17.395	17.372	17.422	HH	87672	2458293	22.73%	0.430%
321	17.428	17.422	17.479	HH	82478	2576166	23.82%	0.451%
322	17.490	17.479	17.511	HH	74609	1405934	13.00%	0.246%
323	17.527	17.511	17.533	HH	74231	980402	9.07%	0.172%
324	17.549	17.533	17.561	HH	75346	1209240	11.18%	0.212%
325	17.584	17.561	17.599	HH	76740	1719941	15.90%	0.301%
326	17.625	17.599	17.651	HH	83053	2413381	22.31%	0.423%
327	17.698	17.651	17.726	HH	281763	6562680	60.68%	1.149%
328	17.730	17.726	17.753	HH	85897	1337446	12.37%	0.234%
329	17.788	17.753	17.809	HH	133193	3454960	31.95%	0.605%
330	17.825	17.809	17.858	HH	94879	2633682	24.35%	0.461%
331	17.901	17.858	17.911	HH	99565	2928083	27.07%	0.513%
332	17.925	17.911	17.947	HH	104435	2151386	19.89%	0.377%
333	17.960	17.947	17.981	HH	88178	1718246	15.89%	0.301%
334	18.020	17.981	18.036	HH	130848	3418494	31.61%	0.599%
335	18.058	18.036	18.092	HH	209792	4939222	45.67%	0.865%
336	18.122	18.092	18.179	HH	270266	7570201	70.00%	1.326%
337	18.200	18.179	18.204	HH	100013	1488312	13.76%	0.261%
338	18.214	18.204	18.232	HH	101268	1658916	15.34%	0.290%
339	18.251	18.232	18.264	HH	112252	1992468	18.42%	0.349%
340	18.281	18.264	18.301	HH	109999	2268021	20.97%	0.397%
341	18.310	18.301	18.351	HH	97843	2802218	25.91%	0.491%
342	18.376	18.351	18.412	HH	159355	4345845	40.18%	0.761%
343	18.419	18.412	18.439	HH	99912	1593347	14.73%	0.279%
344	18.446	18.439	18.450	HH	95259	629781	5.82%	0.110%
345	18.458	18.450	18.462	HH	97302	691257	6.39%	0.121%
346	18.481	18.462	18.492	HH	106024	1843377	17.04%	0.323%
347	18.537	18.492	18.585	HH	315962	8954864	82.80%	1.568%
348	18.638	18.585	18.674	HH	188865	6655628	61.54%	1.165%
349	18.687	18.674	18.707	HH	110549	2124281	19.64%	0.372%
350	18.730	18.707	18.759	HH	119216	3274945	30.28%	0.573%
351	18.767	18.759	18.774	HH	95776	887998	8.21%	0.155%

rteres								
352	18.812	18.774	18.832	HH	118978	3702496	34.23%	0.648%
353	18.852	18.832	18.862	HH	111557	1942416	17.96%	0.340%
354	18.893	18.862	18.917	HH	245433	5752772	53.19%	1.007%
355	18.938	18.917	18.992	HH	200104	6523126	60.32%	1.142%
356	19.021	18.992	19.048	HH	116185	3754396	34.71%	0.657%
357	19.072	19.048	19.122	HH	125112	4994723	46.18%	0.875%
358	19.127	19.122	19.132	HH	102125	663875	6.14%	0.116%
359	19.163	19.132	19.167	HH	112526	2233841	20.65%	0.391%
360	19.174	19.167	19.209	HH	115006	2720633	25.16%	0.476%
361	19.235	19.209	19.275	HH	109983	4103756	37.94%	0.719%
362	19.327	19.275	19.366	HH	290506	8452256	78.15%	1.480%
363	19.393	19.366	19.412	HH	145767	3469908	32.08%	0.608%
364	19.437	19.412	19.466	HH	196976	4691469	43.38%	0.822%
365	19.472	19.466	19.481	HH	107793	965738	8.93%	0.169%
366	19.508	19.481	19.522	HH	113918	2753577	25.46%	0.482%
367	19.549	19.522	19.588	HH	126487	4622665	42.74%	0.809%
368	19.616	19.588	19.649	HH	133940	4390193	40.59%	0.769%
369	19.677	19.649	19.723	HH	237049	7350997	67.97%	1.287%
370	19.734	19.723	19.784	HH	133895	4400514	40.69%	0.771%
371	19.842	19.784	19.874	HH	117945	6088789	56.30%	1.066%
372	19.880	19.874	19.882	HH	110862	519246	4.80%	0.091%
373	19.891	19.882	19.897	HH	112943	992483	9.18%	0.174%
374	19.939	19.897	19.989	HH	139737	6748119	62.40%	1.182%
375	20.011	19.989	20.031	HH	126684	3065599	28.35%	0.537%
376	20.076	20.031	20.106	HH	305168	8146846	75.33%	1.427%
377	20.112	20.106	20.123	HH	115669	1141671	10.56%	0.200%
378	20.127	20.123	20.132	HH	113178	589733	5.45%	0.103%
379	20.137	20.132	20.146	HH	113506	965358	8.93%	0.169%
380	20.152	20.146	20.162	HH	113351	1067704	9.87%	0.187%
381	20.190	20.162	20.244	HH	129699	5839266	53.99%	1.023%
382	20.248	20.244	20.268	HH	114219	1614352	14.93%	0.283%
383	20.294	20.268	20.300	HH	116744	2198520	20.33%	0.385%
384	20.308	20.300	20.312	HH	116034	877899	8.12%	0.154%
385	20.317	20.312	20.344	HH	116117	2148226	19.86%	0.376%
386	20.357	20.344	20.371	HH	113892	1842748	17.04%	0.323%
387	20.416	20.371	20.421	HH	123487	3496190	32.33%	0.612%
388	20.425	20.421	20.453	HH	123726	2330571	21.55%	0.408%
389	20.471	20.453	20.519	HH	116980	4401091	40.69%	0.771%
390	20.527	20.519	20.532	HH	108454	813491	7.52%	0.142%
391	20.537	20.532	20.544	HH	108718	815885	7.54%	0.143%
392	20.549	20.544	20.558	HH	108125	852555	7.88%	0.149%
393	20.606	20.558	20.637	HH	112662	5151251	47.63%	0.902%
394	20.650	20.637	20.680	HH	106976	2719879	25.15%	0.476%
395	20.690	20.680	20.694	HH	106119	934301	8.64%	0.164%
396	20.717	20.694	20.739	HH	107959	2821677	26.09%	0.494%
397	20.751	20.739	20.772	HH	105493	2131019	19.70%	0.373%
398	20.819	20.772	20.857	HH	255101	8042092	74.36%	1.408%
399	20.863	20.857	20.874	HH	103521	992987	9.18%	0.174%
400	20.879	20.874	20.887	HH	102173	814253	7.53%	0.143%
401	20.892	20.887	20.906	HH	102248	1178696	10.90%	0.206%
402	20.911	20.906	20.927	HH	101535	1268270	11.73%	0.222%
403	20.935	20.927	20.941	HH	101661	839898	7.77%	0.147%
404	20.961	20.941	20.971	HH	102494	1811568	16.75%	0.317%

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405	20.975	20.971	20.999	HH	102444	1724280	15.94%	0.302%
406	21.009	20.999	21.021	HH	100926	1348807	12.47%	0.236%
407	21.026	21.021	21.041	HH	101240	1161779	10.74%	0.203%
408	21.050	21.041	21.055	HH	99995	858809	7.94%	0.150%
409	21.075	21.055	21.080	HH	100889	1484550	13.73%	0.260%
410	21.085	21.080	21.103	HH	100670	1376007	12.72%	0.241%
411	21.117	21.103	21.141	HH	100480	2279735	21.08%	0.399%
412	21.158	21.141	21.163	HH	100124	1305532	12.07%	0.229%
413	21.173	21.163	21.187	HH	99951	1468441	13.58%	0.257%
414	21.190	21.187	21.212	HH	99793	1492807	13.80%	0.261%
415	21.221	21.212	21.226	HH	99887	791101	7.31%	0.139%
416	21.238	21.226	21.254	HH	100723	1692707	15.65%	0.296%
417	21.274	21.254	21.287	HH	99097	1944979	17.98%	0.341%
418	21.295	21.287	21.333	HH	99104	2692281	24.89%	0.471%
419	21.345	21.333	21.351	HH	97154	1023817	9.47%	0.179%
420	21.361	21.351	21.371	HH	96556	1148783	10.62%	0.201%
421	21.378	21.371	21.391	HH	97145	1149878	10.63%	0.201%
422	21.396	21.391	21.437	HH	96219	2667845	24.67%	0.467%
423	21.440	21.437	21.445	HH	93884	418338	3.87%	0.073%
424	21.472	21.445	21.506	HH	96928	3458822	31.98%	0.606%
425	21.511	21.506	21.533	HH	92176	1502284	13.89%	0.263%
426	21.556	21.533	21.576	HH	92126	2336801	21.61%	0.409%
427	21.586	21.576	21.594	HH	91863	1023639	9.46%	0.179%
428	21.599	21.594	21.609	HH	91484	801815	7.41%	0.140%
429	21.612	21.609	21.618	HH	91191	505759	4.68%	0.089%
430	21.629	21.618	21.643	HH	91306	1330593	12.30%	0.233%
431	21.649	21.643	21.658	HH	90368	813068	7.52%	0.142%
432	21.718	21.658	21.801	HHA	215092	10815081	100.00%	1.894%
					Sum of corrected areas:		571062617	

FF090319.M Wed Sep 25 10:29:14 2019