

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032119\
 Data File : FF003936.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2019 17:26
 Sample : K2037-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF030119.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.223	2.202	2.245	BH	1649	11413	0.13%	0.014%
2	2.269	2.245	2.282	PH	91	-458	-0.01%	-0.001%
3	2.294	2.282	2.322	PH	432	2406	0.03%	0.003%
4	2.349	2.322	2.367	PH	394	1826	0.02%	0.002%
5	2.374	2.367	2.392	PH	157	293	0.00%	0.000%
6	2.402	2.392	2.418	PH	262	1493	0.02%	0.002%
7	2.421	2.418	2.427	HH	94	213	0.00%	0.000%
8	2.452	2.427	2.470	PH	780	8095	0.09%	0.010%
9	2.492	2.470	2.516	HH	2040	19323	0.23%	0.023%
10	2.527	2.516	2.538	HH	440	2760	0.03%	0.003%
11	2.546	2.538	2.555	HH	316	1690	0.02%	0.002%
12	2.569	2.555	2.587	PH	1097	9347	0.11%	0.011%
13	2.611	2.587	2.647	HH	978	14656	0.17%	0.017%
14	2.666	2.647	2.672	PH	1219	9119	0.11%	0.011%
15	2.681	2.672	2.685	HH	1446	10338	0.12%	0.012%
16	2.696	2.685	2.714	HH	2997	26924	0.32%	0.032%
17	2.734	2.714	2.754	HH	422	5240	0.06%	0.006%
18	2.776	2.754	2.799	HH	1122	17941	0.21%	0.021%
19	2.807	2.799	2.816	HH	337	2827	0.03%	0.003%
20	2.827	2.816	2.835	HH	819	7369	0.09%	0.009%
21	2.840	2.835	2.869	HH	1068	7384	0.09%	0.009%
22	2.897	2.869	2.911	HH	1259	15395	0.18%	0.018%
23	2.924	2.911	2.934	HH	1248	11705	0.14%	0.014%
24	2.941	2.934	2.950	HH	949	7183	0.08%	0.009%
25	2.956	2.950	2.960	HH	740	4564	0.05%	0.005%
26	2.967	2.960	2.974	HH	888	6443	0.08%	0.008%
27	2.987	2.974	3.030	HH	1646	28336	0.33%	0.034%
28	3.058	3.030	3.071	HH	1326	21863	0.26%	0.026%
29	3.081	3.071	3.104	HH	970	12627	0.15%	0.015%
30	3.113	3.104	3.124	HH	396	3172	0.04%	0.004%
31	3.135	3.124	3.167	HH	241	1859	0.02%	0.002%
32	3.184	3.167	3.194	PH	521	4215	0.05%	0.005%
33	3.210	3.194	3.218	HH	944	10175	0.12%	0.012%
34	3.230	3.218	3.241	HH	1378	13997	0.16%	0.017%
35	3.257	3.241	3.270	HH	3372	32418	0.38%	0.039%
36	3.278	3.270	3.319	HH	1152	10826	0.13%	0.013%

					rteres			
37	3.339	3.319	3.349	PH	223	1017	0.01%	0.001%
38	3.361	3.349	3.374	HH	1165	9996	0.12%	0.012%
39	3.387	3.374	3.405	HH	1686	16476	0.19%	0.020%
40	3.422	3.405	3.437	HH	1031	11897	0.14%	0.014%
41	3.447	3.437	3.464	HH	531	5499	0.06%	0.007%
42	3.478	3.464	3.488	HH	992	8524	0.10%	0.010%
43	3.509	3.488	3.539	HH	2465	27962	0.33%	0.033%
44	3.563	3.539	3.568	HH	456	5554	0.06%	0.007%
45	3.582	3.568	3.611	HH	1232	19715	0.23%	0.023%
46	3.641	3.611	3.666	HH	1701	28688	0.34%	0.034%
47	3.685	3.666	3.694	HH	1087	12172	0.14%	0.014%
48	3.703	3.694	3.717	HH	1595	14751	0.17%	0.018%
49	3.733	3.717	3.769	HH	1694	30557	0.36%	0.036%
50	3.778	3.769	3.802	HH	758	9698	0.11%	0.012%
51	3.825	3.802	3.871	HH	1524	33892	0.40%	0.040%
52	3.895	3.871	3.916	HH	2437	32089	0.38%	0.038%
53	3.933	3.916	3.945	HH	1948	26180	0.31%	0.031%
54	3.950	3.945	3.958	HH	1811	12575	0.15%	0.015%
55	3.968	3.958	3.978	HH	2152	22932	0.27%	0.027%
56	3.984	3.978	3.990	HH	1720	12582	0.15%	0.015%
57	4.001	3.990	4.028	HH	2029	29890	0.35%	0.036%
58	4.047	4.028	4.071	HH	2472	37457	0.44%	0.045%
59	4.073	4.071	4.090	HH	1236	9994	0.12%	0.012%
60	4.105	4.090	4.122	HH	1134	16098	0.19%	0.019%
61	4.145	4.122	4.196	HH	2102	42329	0.50%	0.050%
62	4.222	4.196	4.239	HH	1533	23260	0.27%	0.028%
63	4.263	4.239	4.307	HH	1901	54213	0.63%	0.064%
64	4.317	4.307	4.329	HH	1357	16129	0.19%	0.019%
65	4.344	4.329	4.367	HH	1128	20886	0.24%	0.025%
66	4.385	4.367	4.399	HH	940	15346	0.18%	0.018%
67	4.411	4.399	4.433	HH	1039	15176	0.18%	0.018%
68	4.461	4.433	4.472	HH	950	15315	0.18%	0.018%
69	4.483	4.472	4.490	HH	948	9487	0.11%	0.011%
70	4.503	4.490	4.516	HH	1192	15966	0.19%	0.019%
71	4.530	4.516	4.567	HH	1906	32602	0.38%	0.039%
72	4.598	4.567	4.614	HH	788	15687	0.18%	0.019%
73	4.629	4.614	4.642	HH	774	9490	0.11%	0.011%
74	4.648	4.642	4.671	HH	522	5846	0.07%	0.007%
75	4.681	4.671	4.701	HH	186	1968	0.02%	0.002%
76	4.736	4.701	4.761	PH	460	8433	0.10%	0.010%
77	4.775	4.761	4.785	HH	312	3478	0.04%	0.004%
78	4.803	4.785	4.827	HH	1190	12894	0.15%	0.015%
79	4.839	4.827	4.878	HH	152	1053	0.01%	0.001%
80	4.895	4.878	4.918	PH	251	1750	0.02%	0.002%
81	4.926	4.918	4.944	PH	143	705	0.01%	0.001%
82	4.955	4.944	4.982	PH	527	4461	0.05%	0.005%
83	5.001	4.982	5.012	PH	242	2447	0.03%	0.003%
84	5.027	5.012	5.041	PH	429	3914	0.05%	0.005%
85	5.048	5.041	5.091	HH	270	1219	0.01%	0.001%
86	5.103	5.091	5.114	PH	-124	-2256	-0.03%	-0.003%
87	5.143	5.114	5.147	PH	261	676	0.01%	0.001%
88	5.152	5.147	5.171	HH	313	1566	0.02%	0.002%
89	5.177	5.171	5.190	PH	93	-233	-0.00%	-0.000%

					rteres			
90	5.206	5.190	5.219	PH	237	1770	0.02%	0.002%
91	5.234	5.219	5.277	HH	1251	12368	0.14%	0.015%
92	5.286	5.277	5.297	PH	18	-1277	-0.01%	-0.002%
93	5.302	5.297	5.314	PH	-70	-1634	-0.02%	-0.002%
94	5.330	5.314	5.358	PH	484	3495	0.04%	0.004%
95	5.376	5.358	5.394	PH	173	1399	0.02%	0.002%
96	5.422	5.394	5.455	PH	196	-2131	-0.02%	-0.003%
97	5.471	5.455	5.491	PH	-144	-5004	-0.06%	-0.006%
98	5.525	5.491	5.562	PH	276	-1688	-0.02%	-0.002%
99	5.564	5.562	5.582	PH	-235	-3624	-0.04%	-0.004%
100	5.587	5.582	5.597	PH	-268	-2978	-0.03%	-0.004%
101	5.606	5.597	5.628	PH	-205	-6211	-0.07%	-0.007%
102	5.631	5.628	5.639	PH	-350	-2784	-0.03%	-0.003%
103	5.644	5.639	5.649	PH	-395	-2520	-0.03%	-0.003%
104	5.653	5.649	5.656	PH	-407	-1651	-0.02%	-0.002%
105	5.661	5.656	5.669	PH	-397	-3335	-0.04%	-0.004%
106	5.673	5.669	5.678	PH	-326	-2040	-0.02%	-0.002%
107	5.685	5.678	5.696	PH	-346	-4194	-0.05%	-0.005%
108	5.724	5.696	5.734	PH	-155	-6322	-0.07%	-0.008%
109	5.741	5.734	5.769	PH	-58	-5049	-0.06%	-0.006%
110	5.773	5.769	5.793	PH	-374	-6668	-0.08%	-0.008%
111	5.799	5.793	5.809	PH	-375	-4043	-0.05%	-0.005%
112	5.827	5.809	5.841	PH	-265	-6787	-0.08%	-0.008%
113	5.859	5.841	5.878	PH	559	-239	-0.00%	-0.000%
114	5.901	5.878	5.910	PH	-206	-5376	-0.06%	-0.006%
115	5.939	5.910	5.973	PH	99	-5845	-0.07%	-0.007%
116	5.995	5.973	6.021	PH	196	-2160	-0.03%	-0.003%
117	6.046	6.021	6.090	PH	202	-1832	-0.02%	-0.002%
118	6.095	6.090	6.110	PH	-238	-4054	-0.05%	-0.005%
119	6.126	6.110	6.132	PH	-235	-4718	-0.06%	-0.006%
120	6.137	6.132	6.164	PH	-268	-6674	-0.08%	-0.008%
121	6.169	6.164	6.184	PH	-290	-4598	-0.05%	-0.005%
122	6.196	6.184	6.204	PH	-322	-4695	-0.05%	-0.006%
123	6.207	6.204	6.224	PH	-308	-4122	-0.05%	-0.005%
124	6.231	6.224	6.272	PH	-223	-8643	-0.10%	-0.010%
125	6.275	6.272	6.277	PH	-300	-935	-0.01%	-0.001%
126	6.281	6.277	6.285	PH	-230	-1352	-0.02%	-0.002%
127	6.288	6.285	6.304	PH	-287	-4377	-0.05%	-0.005%
128	6.308	6.304	6.332	PH	-271	-6743	-0.08%	-0.008%
129	6.341	6.332	6.345	PH	-412	-3327	-0.04%	-0.004%
130	6.348	6.345	6.387	PH	-433	-13928	-0.16%	-0.017%
131	6.411	6.387	6.429	PH	-282	-11072	-0.13%	-0.013%
132	6.432	6.429	6.438	PH	-569	-3173	-0.04%	-0.004%
133	6.444	6.438	6.449	PH	-574	-4099	-0.05%	-0.005%
134	6.453	6.449	6.464	PH	-551	-5279	-0.06%	-0.006%
135	6.484	6.464	6.513	PH	271	-8572	-0.10%	-0.010%
136	6.527	6.513	6.556	PH	-460	-14001	-0.16%	-0.017%
137	6.563	6.556	6.579	PH	-396	-7203	-0.08%	-0.009%
138	6.582	6.579	6.614	PH	-433	-11227	-0.13%	-0.013%
139	6.619	6.614	6.626	PH	-566	-4194	-0.05%	-0.005%
140	6.645	6.626	6.686	PH	-443	-19964	-0.23%	-0.024%
141	6.688	6.686	6.702	PH	-565	-6830	-0.08%	-0.008%

					rteres			
142	6.726	6.702	6.731	PH	-596	-11762	-0.14%	-0.014%
143	6.734	6.731	6.738	PH	-680	-3218	-0.04%	-0.004%
144	6.773	6.738	6.806	PH	-626	-27613	-0.32%	-0.033%
145	6.813	6.806	6.823	PH	-592	-6662	-0.08%	-0.008%
146	6.863	6.823	6.899	PH	-344	-20892	-0.24%	-0.025%
147	6.912	6.899	6.919	PH	-404	-5787	-0.07%	-0.007%
148	6.927	6.919	6.935	PH	-417	-4483	-0.05%	-0.005%
149	6.940	6.935	6.974	PH	-363	-12735	-0.15%	-0.015%
150	6.977	6.974	6.984	PH	-572	-4104	-0.05%	-0.005%
151	7.007	6.984	7.018	PH	-499	-11783	-0.14%	-0.014%
152	7.023	7.018	7.034	PH	-526	-5504	-0.06%	-0.007%
153	7.038	7.034	7.089	PH	-521	-20050	-0.23%	-0.024%
154	7.096	7.089	7.107	PH	-616	-7223	-0.08%	-0.009%
155	7.146	7.107	7.164	PH	-510	-20510	-0.24%	-0.024%
156	7.180	7.164	7.211	PH	-541	-17108	-0.20%	-0.020%
157	7.215	7.211	7.243	PH	-635	-12232	-0.14%	-0.015%
158	7.248	7.243	7.271	PH	-541	-9557	-0.11%	-0.011%
159	7.278	7.271	7.306	PH	-577	-13684	-0.16%	-0.016%
160	7.335	7.306	7.342	PH	-516	-13297	-0.16%	-0.016%
161	7.362	7.342	7.377	PH	-530	-12473	-0.15%	-0.015%
162	7.400	7.377	7.424	PH	-620	-19619	-0.23%	-0.023%
163	7.431	7.424	7.446	PH	-748	-9414	-0.11%	-0.011%
164	7.450	7.446	7.461	PH	-674	-6283	-0.07%	-0.007%
165	7.471	7.461	7.491	PH	-593	-12617	-0.15%	-0.015%
166	7.543	7.491	7.565	PH	-42	-18899	-0.22%	-0.022%
167	7.579	7.565	7.597	PH	-396	-9665	-0.11%	-0.011%
168	7.603	7.597	7.621	PH	-578	-8464	-0.10%	-0.010%
169	7.670	7.621	7.696	PH	166	-15338	-0.18%	-0.018%
170	7.700	7.696	7.711	PH	-393	-4725	-0.06%	-0.006%
171	7.715	7.711	7.729	PH	-608	-7064	-0.08%	-0.008%
172	7.732	7.729	7.736	PH	-633	-2855	-0.03%	-0.003%
173	7.743	7.736	7.757	PH	-642	-8938	-0.10%	-0.011%
174	7.762	7.757	7.768	PH	-692	-4644	-0.05%	-0.006%
175	7.791	7.768	7.814	PH	-560	-18691	-0.22%	-0.022%
176	7.830	7.814	7.838	PH	-668	-10604	-0.12%	-0.013%
177	7.860	7.838	7.877	PH	-625	-16934	-0.20%	-0.020%
178	7.892	7.877	7.916	PH	-663	-16330	-0.19%	-0.019%
179	7.925	7.916	7.929	PH	-727	-5858	-0.07%	-0.007%
180	7.958	7.929	7.977	PH	-571	-19952	-0.23%	-0.024%
181	7.986	7.977	7.999	PH	-634	-8550	-0.10%	-0.010%
182	8.006	7.999	8.011	PH	-644	-4931	-0.06%	-0.006%
183	8.029	8.011	8.073	PH	-540	-22123	-0.26%	-0.026%
184	8.099	8.073	8.104	PH	-458	-10351	-0.12%	-0.012%
185	8.138	8.104	8.196	PH	-38	-23220	-0.27%	-0.028%
186	8.213	8.196	8.226	PH	-533	-10184	-0.12%	-0.012%
187	8.264	8.226	8.337	PH	526	-16419	-0.19%	-0.020%
188	8.342	8.337	8.382	PH	-482	-14674	-0.17%	-0.017%
189	8.431	8.382	8.459	PH	-477	-26490	-0.31%	-0.031%
190	8.490	8.459	8.496	PH	-511	-12422	-0.15%	-0.015%
191	8.500	8.496	8.509	PH	-547	-4698	-0.05%	-0.006%
192	8.514	8.509	8.519	PH	-559	-3401	-0.04%	-0.004%
193	8.547	8.519	8.579	PH	-287	-16648	-0.19%	-0.020%
194	8.628	8.579	8.663	PH	-190	-17395	-0.20%	-0.021%

					rteres			
195	8.667	8.663	8.694	PH	-308	-7398	-0.09%	-0.009%
196	8.698	8.694	8.717	PH	-415	-6442	-0.08%	-0.008%
197	8.736	8.717	8.751	PH	-372	-9373	-0.11%	-0.011%
198	8.756	8.751	8.762	PH	-468	-3369	-0.04%	-0.004%
199	8.780	8.762	8.799	PH	198	-4664	-0.05%	-0.006%
200	8.804	8.799	8.812	PH	-477	-4008	-0.05%	-0.005%
201	8.820	8.812	8.828	PH	-479	-4606	-0.05%	-0.005%
202	8.866	8.828	8.900	PH	-9	-13437	-0.16%	-0.016%
203	8.914	8.900	8.921	PH	-353	-5725	-0.07%	-0.007%
204	8.948	8.921	8.971	PH	-179	-9267	-0.11%	-0.011%
205	8.993	8.971	9.013	PH	55	-4832	-0.06%	-0.006%
206	9.017	9.013	9.023	PH	-336	-2285	-0.03%	-0.003%
207	9.028	9.023	9.059	PH	-421	-10323	-0.12%	-0.012%
208	9.092	9.059	9.108	PH	-413	-15440	-0.18%	-0.018%
209	9.132	9.108	9.159	PH	122	-6440	-0.08%	-0.008%
210	9.163	9.159	9.194	PH	-422	-10217	-0.12%	-0.012%
211	9.199	9.194	9.211	PH	-494	-5028	-0.06%	-0.006%
212	9.226	9.211	9.241	PH	-418	-8664	-0.10%	-0.010%
213	9.246	9.241	9.258	PH	-448	-4870	-0.06%	-0.006%
214	9.263	9.258	9.269	PH	-481	-3581	-0.04%	-0.004%
215	9.276	9.269	9.281	PH	-491	-3854	-0.05%	-0.005%
216	9.286	9.281	9.290	PH	-455	-2818	-0.03%	-0.003%
217	9.295	9.290	9.298	PH	-457	-2282	-0.03%	-0.003%
218	9.320	9.298	9.326	PH	-382	-7733	-0.09%	-0.009%
219	9.328	9.326	9.352	PH	-396	-6907	-0.08%	-0.008%
220	9.413	9.352	9.450	PH	-155	-17846	-0.21%	-0.021%
221	9.460	9.450	9.467	PH	-237	-2977	-0.03%	-0.004%
222	9.477	9.467	9.514	PH	-140	-7130	-0.08%	-0.008%
223	9.524	9.514	9.539	PH	-233	-4648	-0.05%	-0.006%
224	9.554	9.539	9.573	PH	-234	-6833	-0.08%	-0.008%
225	9.591	9.573	9.625	PH	-37	-8249	-0.10%	-0.010%
226	9.645	9.625	9.655	PH	-241	-6195	-0.07%	-0.007%
227	9.674	9.655	9.701	PH	554	-964	-0.01%	-0.001%
228	9.728	9.701	9.773	PH	279	-5665	-0.07%	-0.007%
229	9.788	9.773	9.811	PH	-132	-6281	-0.07%	-0.007%
230	9.834	9.811	9.853	PH	-289	-9236	-0.11%	-0.011%
231	9.872	9.853	9.877	PH	-66	-2676	-0.03%	-0.003%
232	9.883	9.877	9.890	PH	-109	-1177	-0.01%	-0.001%
233	9.893	9.890	9.901	PH	-180	-1451	-0.02%	-0.002%
234	9.917	9.901	9.922	PH	-112	-2845	-0.03%	-0.003%
235	9.929	9.922	9.998	PH	-242	-14425	-0.17%	-0.017%
236	10.015	9.998	10.022	PH	-282	-4610	-0.05%	-0.005%
237	10.031	10.022	10.047	PH	-305	-4828	-0.06%	-0.006%
238	10.051	10.047	10.061	PH	-307	-2754	-0.03%	-0.003%
239	10.099	10.061	10.132	PH	7	-9111	-0.11%	-0.011%
240	10.141	10.132	10.165	PH	-185	-4670	-0.05%	-0.006%
241	10.227	10.165	10.263	PH	3437	34677	0.41%	0.041%
242	10.290	10.263	10.335	PH	591	3632	0.04%	0.004%
243	10.342	10.335	10.359	PH	-162	-2805	-0.03%	-0.003%
244	10.377	10.359	10.382	PH	-28	-1338	-0.02%	-0.002%
245	10.391	10.382	10.415	PH	54	-1612	-0.02%	-0.002%
246	10.445	10.415	10.504	PH	3197	36171	0.42%	0.043%

					nteres			
247	10.531	10.504	10.559	PH	2597	26036	0.30%	0.031%
248	10.562	10.559	10.577	PH	9	-538	-0.01%	-0.001%
249	10.588	10.577	10.613	PH	-10	-2537	-0.03%	-0.003%
250	10.627	10.613	10.643	PH	-36	-2012	-0.02%	-0.002%
251	10.647	10.643	10.666	PH	-81	-1908	-0.02%	-0.002%
252	10.681	10.666	10.704	PH	55	-1476	-0.02%	-0.002%
253	10.716	10.704	10.734	PH	-69	-2377	-0.03%	-0.003%
254	10.748	10.734	10.764	PH	-82	-2222	-0.03%	-0.003%
255	10.799	10.764	10.820	PH	6	-2474	-0.03%	-0.003%
256	10.838	10.820	10.844	PH	198	599	0.01%	0.001%
257	10.848	10.844	10.855	HH	148	691	0.01%	0.001%
258	10.861	10.855	10.867	HH	136	605	0.01%	0.001%
259	10.870	10.867	10.899	HH	122	877	0.01%	0.001%
260	10.907	10.899	10.930	PH	106	518	0.01%	0.001%
261	10.935	10.930	10.947	PH	18	-181	-0.00%	-0.000%
262	10.953	10.947	10.964	PH	-10	-294	-0.00%	-0.000%
263	10.991	10.964	11.013	PH	138	608	0.01%	0.001%
264	11.026	11.013	11.033	PH	31	-289	-0.00%	-0.000%
265	11.039	11.033	11.066	PH	34	-339	-0.00%	-0.000%
266	11.069	11.066	11.079	PH	67	220	0.00%	0.000%
267	11.100	11.079	11.127	PH	363	6099	0.07%	0.007%
268	11.134	11.127	11.149	HH	231	2285	0.03%	0.003%
269	11.169	11.149	11.205	HH	855	13678	0.16%	0.016%
270	11.218	11.205	11.224	HH	136	1022	0.01%	0.001%
271	11.250	11.224	11.284	HH	273	5036	0.06%	0.006%
272	11.314	11.284	11.356	HH	301	6600	0.08%	0.008%
273	11.374	11.356	11.422	HH	516	8478	0.10%	0.010%
274	11.453	11.422	11.474	HH	438	7372	0.09%	0.009%
275	11.476	11.474	11.499	HH	323	3536	0.04%	0.004%
276	11.503	11.499	11.508	HH	225	1132	0.01%	0.001%
277	11.514	11.508	11.539	HH	294	4294	0.05%	0.005%
278	11.571	11.539	11.582	HH	551	9886	0.12%	0.012%
279	11.599	11.582	11.637	HH	514	14299	0.17%	0.017%
280	11.647	11.637	11.700	HH	525	13646	0.16%	0.016%
281	11.705	11.700	11.719	HH	361	3701	0.04%	0.004%
282	11.742	11.719	11.756	HH	432	7896	0.09%	0.009%
283	11.774	11.756	11.799	HH	557	11669	0.14%	0.014%
284	11.839	11.799	11.858	HH	888	20800	0.24%	0.025%
285	11.864	11.858	11.908	HH	564	14984	0.18%	0.018%
286	11.925	11.908	11.942	HH	566	10690	0.13%	0.013%
287	11.960	11.942	11.981	HH	634	12878	0.15%	0.015%
288	11.983	11.981	12.010	HH	590	8347	0.10%	0.010%
289	12.019	12.010	12.026	HH	503	4140	0.05%	0.005%
290	12.036	12.026	12.046	HH	528	5568	0.07%	0.007%
291	12.054	12.046	12.060	HH	585	4404	0.05%	0.005%
292	12.086	12.060	12.105	HH	935	18367	0.21%	0.022%
293	12.110	12.105	12.134	HH	635	9602	0.11%	0.011%
294	12.169	12.134	12.176	HH	650	14929	0.17%	0.018%
295	12.177	12.176	12.181	HH	659	2016	0.02%	0.002%
296	12.186	12.181	12.192	HH	643	3977	0.05%	0.005%
297	12.209	12.192	12.219	HH	842	11394	0.13%	0.014%
298	12.229	12.219	12.246	HH	762	11466	0.13%	0.014%
299	12.255	12.246	12.272	HH	725	10468	0.12%	0.012%

					rteres			
300	12.306	12.272	12.311	HH	727	15925	0.19%	0.019%
301	12.316	12.311	12.339	HH	746	11836	0.14%	0.014%
302	12.351	12.339	12.361	HH	722	8292	0.10%	0.010%
303	12.366	12.361	12.369	HH	677	2993	0.04%	0.004%
304	12.383	12.369	12.393	HH	783	10132	0.12%	0.012%
305	12.424	12.393	12.432	HH	924	18514	0.22%	0.022%
306	12.439	12.432	12.453	HH	753	8834	0.10%	0.010%
307	12.480	12.453	12.539	HH	1739	54980	0.64%	0.065%
308	12.543	12.539	12.553	HH	856	6986	0.08%	0.008%
309	12.578	12.553	12.586	HH	928	16981	0.20%	0.020%
310	12.591	12.586	12.610	HH	980	13285	0.16%	0.016%
311	12.617	12.610	12.622	HH	931	6960	0.08%	0.008%
312	12.626	12.622	12.671	HH	913	23642	0.28%	0.028%
313	12.708	12.671	12.712	HH	872	20183	0.24%	0.024%
314	12.716	12.712	12.731	HH	836	9021	0.11%	0.011%
315	12.737	12.731	12.750	HH	933	9877	0.12%	0.012%
316	12.756	12.750	12.761	HH	860	5348	0.06%	0.006%
317	12.768	12.761	12.782	HH	894	10826	0.13%	0.013%
318	12.810	12.782	12.827	HH	1008	25101	0.29%	0.030%
319	12.868	12.827	12.876	HH	1187	29923	0.35%	0.036%
320	12.891	12.876	12.947	HH	1322	51653	0.60%	0.061%
321	12.973	12.947	13.003	HH	1244	36937	0.43%	0.044%
322	13.015	13.003	13.024	HH	1121	13775	0.16%	0.016%
323	13.039	13.024	13.048	HH	1221	16178	0.19%	0.019%
324	13.054	13.048	13.058	HH	1215	7129	0.08%	0.008%
325	13.061	13.058	13.067	HH	1089	5455	0.06%	0.006%
326	13.093	13.067	13.132	HH	1673	49421	0.58%	0.059%
327	13.140	13.132	13.174	HH	1281	29411	0.34%	0.035%
328	13.179	13.174	13.201	HH	1167	18248	0.21%	0.022%
329	13.205	13.201	13.235	HH	1180	22812	0.27%	0.027%
330	13.238	13.235	13.241	HH	1167	4262	0.05%	0.005%
331	13.246	13.241	13.272	HH	1195	21090	0.25%	0.025%
332	13.316	13.272	13.328	HH	1284	38620	0.45%	0.046%
333	13.345	13.328	13.358	HH	1257	21241	0.25%	0.025%
334	13.364	13.358	13.384	HH	1242	18852	0.22%	0.022%
335	13.388	13.384	13.391	HH	1247	5155	0.06%	0.006%
336	13.394	13.391	13.413	HH	1245	15748	0.18%	0.019%
337	13.419	13.413	13.422	HH	1213	6460	0.08%	0.008%
338	13.441	13.422	13.453	HH	1296	22545	0.26%	0.027%
339	13.456	13.453	13.461	HH	1286	6088	0.07%	0.007%
340	13.479	13.461	13.484	HH	1678	20984	0.25%	0.025%
341	13.488	13.484	13.513	HH	1634	25161	0.29%	0.030%
342	13.538	13.513	13.562	HH	1489	40105	0.47%	0.048%
343	13.580	13.562	13.586	HH	1416	19519	0.23%	0.023%
344	13.592	13.586	13.597	HH	1420	9266	0.11%	0.011%
345	13.636	13.597	13.659	HH	1663	53800	0.63%	0.064%
346	13.679	13.659	13.707	HH	2564	54660	0.64%	0.065%
347	13.718	13.707	13.728	HH	1479	17828	0.21%	0.021%
348	13.737	13.728	13.769	HH	1443	34090	0.40%	0.041%
349	13.776	13.769	13.780	HH	1507	9542	0.11%	0.011%
350	13.787	13.780	13.802	HH	1554	18933	0.22%	0.022%
351	13.809	13.802	13.830	HH	1515	24227	0.28%	0.029%

					rteres			
352	13.834	13.830	13.852	HH	1491	19299	0.23%	0.023%
353	13.859	13.852	13.864	HH	1492	10616	0.12%	0.013%
354	13.886	13.864	13.892	HH	1550	24849	0.29%	0.030%
355	13.899	13.892	13.907	HH	1642	13891	0.16%	0.017%
356	13.915	13.907	13.948	HH	1652	38034	0.45%	0.045%
357	13.952	13.948	13.957	HH	1576	8233	0.10%	0.010%
358	13.962	13.957	13.966	HH	1565	8895	0.10%	0.011%
359	13.973	13.966	13.989	HH	1585	21524	0.25%	0.026%
360	13.998	13.989	14.005	HH	1590	14840	0.17%	0.018%
361	14.038	14.005	14.062	HH	1814	57457	0.67%	0.068%
362	14.074	14.062	14.086	HH	1701	23101	0.27%	0.027%
363	14.095	14.086	14.133	HH	1674	45793	0.54%	0.054%
364	14.141	14.133	14.146	HH	1753	13188	0.15%	0.016%
365	14.152	14.146	14.162	HH	1773	16625	0.19%	0.020%
366	14.168	14.162	14.184	HH	1791	23174	0.27%	0.028%
367	14.189	14.184	14.221	HH	1829	37859	0.44%	0.045%
368	14.244	14.221	14.269	HH	2501	58981	0.69%	0.070%
369	14.320	14.269	14.334	HH	1969	72067	0.84%	0.086%
370	14.342	14.334	14.357	HH	1994	27291	0.32%	0.032%
371	14.362	14.357	14.367	HH	1926	11445	0.13%	0.014%
372	14.401	14.367	14.428	HH	2080	70599	0.83%	0.084%
373	14.436	14.428	14.455	HH	1928	31047	0.36%	0.037%
374	14.461	14.455	14.473	HH	1983	20368	0.24%	0.024%
375	14.480	14.473	14.484	HH	1949	12200	0.14%	0.014%
376	14.491	14.484	14.501	HH	1971	19065	0.22%	0.023%
377	14.527	14.501	14.540	HH	2052	45704	0.53%	0.054%
378	14.581	14.540	14.659	HH	122066	1924371	22.52%	2.286%
379	14.662	14.659	14.707	HH	2460	66563	0.78%	0.079%
380	14.721	14.707	14.726	HH	2262	24661	0.29%	0.029%
381	14.758	14.726	14.768	HH	2895	65862	0.77%	0.078%
382	14.786	14.768	14.852	HH	3879	134138	1.57%	0.159%
383	14.862	14.852	14.876	HH	2187	30192	0.35%	0.036%
384	14.882	14.876	14.886	HH	2163	13402	0.16%	0.016%
385	14.906	14.886	14.918	HH	2273	42547	0.50%	0.051%
386	14.924	14.918	14.959	HH	2328	54805	0.64%	0.065%
387	14.974	14.959	15.009	HH	2303	65864	0.77%	0.078%
388	15.017	15.009	15.047	HH	2178	49848	0.58%	0.059%
389	15.054	15.047	15.059	HH	2274	15401	0.18%	0.018%
390	15.063	15.059	15.071	HH	2319	15925	0.19%	0.019%
391	15.081	15.071	15.094	HH	2301	31285	0.37%	0.037%
392	15.098	15.094	15.102	HH	2248	10452	0.12%	0.012%
393	15.124	15.102	15.139	HH	2303	49196	0.58%	0.058%
394	15.201	15.139	15.229	HH	2517	126355	1.48%	0.150%
395	15.237	15.229	15.247	HH	2391	25662	0.30%	0.030%
396	15.251	15.247	15.254	HH	2362	9129	0.11%	0.011%
397	15.260	15.254	15.281	HH	2504	38929	0.46%	0.046%
398	15.308	15.281	15.352	HH	3659	124919	1.46%	0.148%
399	15.370	15.352	15.384	HH	2540	46624	0.55%	0.055%
400	15.392	15.384	15.409	HH	2382	35530	0.42%	0.042%
401	15.415	15.409	15.419	HH	2417	14327	0.17%	0.017%
402	15.432	15.419	15.438	HH	2510	28005	0.33%	0.033%
403	15.441	15.438	15.452	HH	2486	20033	0.23%	0.024%
404	15.462	15.452	15.467	HH	2454	22748	0.27%	0.027%

					rteres			
405	15.472	15.467	15.497	HH	2473	44030	0.52%	0.052%
406	15.505	15.497	15.509	HH	2432	16305	0.19%	0.019%
407	15.518	15.509	15.522	HH	2504	20160	0.24%	0.024%
408	15.529	15.522	15.532	HH	2472	14304	0.17%	0.017%
409	15.541	15.532	15.559	HH	2578	40214	0.47%	0.048%
410	15.576	15.559	15.582	HH	2593	35828	0.42%	0.043%
411	15.596	15.582	15.607	HH	2719	38974	0.46%	0.046%
412	15.614	15.607	15.622	HH	2732	24806	0.29%	0.029%
413	15.626	15.622	15.631	HH	2678	13603	0.16%	0.016%
414	15.637	15.631	15.654	HH	2771	35993	0.42%	0.043%
415	15.691	15.654	15.714	HH	2793	96299	1.13%	0.114%
416	15.729	15.714	15.739	HH	2678	39063	0.46%	0.046%
417	15.773	15.739	15.779	HH	2876	65363	0.76%	0.078%
418	15.809	15.779	15.856	HH	5089	162576	1.90%	0.193%
419	15.889	15.856	15.913	HH	2868	95434	1.12%	0.113%
420	15.941	15.913	15.977	HH	3306	116693	1.37%	0.139%
421	16.002	15.977	16.029	HH	3350	99680	1.17%	0.118%
422	16.060	16.029	16.069	HH	3286	76545	0.90%	0.091%
423	16.101	16.069	16.135	HH	3448	130527	1.53%	0.155%
424	16.163	16.135	16.222	HH	3853	184531	2.16%	0.219%
425	16.293	16.222	16.322	HH	5932	252225	2.95%	0.300%
426	16.332	16.322	16.347	HH	3762	54541	0.64%	0.065%
427	16.374	16.347	16.393	HH	4200	107529	1.26%	0.128%
428	16.409	16.393	16.435	HH	4266	100236	1.17%	0.119%
429	16.481	16.435	16.498	HH	4295	149615	1.75%	0.178%
430	16.504	16.498	16.519	HH	4199	52093	0.61%	0.062%
431	16.522	16.519	16.532	HH	4117	32480	0.38%	0.039%
432	16.547	16.532	16.578	HH	4242	111540	1.31%	0.133%
433	16.600	16.578	16.627	HH	4341	122690	1.44%	0.146%
434	16.647	16.627	16.674	HH	4652	121035	1.42%	0.144%
435	16.740	16.674	16.789	HH	11624	445834	5.22%	0.530%
436	16.805	16.789	16.837	HH	5317	141205	1.65%	0.168%
437	16.857	16.837	16.904	HH	4804	188257	2.20%	0.224%
438	16.931	16.904	16.937	HH	4834	95235	1.11%	0.113%
439	16.995	16.937	17.026	HH	5832	273756	3.20%	0.325%
440	17.104	17.026	17.126	HH	5809	331245	3.88%	0.394%
441	17.168	17.126	17.187	HH	6187	217690	2.55%	0.259%
442	17.214	17.187	17.263	HH	9043	312379	3.66%	0.371%
443	17.307	17.263	17.354	HH	7148	352789	4.13%	0.419%
444	17.391	17.354	17.427	HH	6415	277314	3.24%	0.329%
445	17.438	17.427	17.462	HH	6355	131904	1.54%	0.157%
446	17.489	17.462	17.522	HH	6560	231806	2.71%	0.275%
447	17.543	17.522	17.561	HH	6679	150618	1.76%	0.179%
448	17.651	17.561	17.702	HH	11262	642871	7.52%	0.764%
449	17.719	17.702	17.736	HH	7224	143207	1.68%	0.170%
450	17.786	17.736	17.804	HH	8619	320557	3.75%	0.381%
451	17.816	17.804	17.867	HH	8080	295126	3.45%	0.351%
452	17.922	17.867	17.947	HH	9665	404654	4.73%	0.481%
453	17.967	17.947	18.008	HH	8710	311197	3.64%	0.370%
454	18.026	18.008	18.046	HH	8699	194124	2.27%	0.231%
455	18.075	18.046	18.107	HH	11616	364506	4.27%	0.433%
456	18.154	18.107	18.205	HH	10729	562108	6.58%	0.668%

					rteres			
457	18.489	18.205	18.541	HH	17285	2263430	26.48%	2.689%
458	18.578	18.541	18.604	HH	12597	468960	5.49%	0.557%
459	18.628	18.604	18.666	HH	12643	461361	5.40%	0.548%
460	18.758	18.666	18.764	HH	12971	745416	8.72%	0.886%
461	18.887	18.764	18.926	HH	16570	1408825	16.48%	1.674%
462	19.043	18.926	19.073	HH	20748	1528055	17.88%	1.816%
463	19.084	19.073	19.097	HH	18148	267856	3.13%	0.318%
464	19.272	19.097	19.301	HH	22680	2358453	27.60%	2.802%
465	19.560	19.301	19.593	HH	29039	4069304	47.62%	4.835%
466	19.653	19.593	19.679	HH	27009	1339906	15.68%	1.592%
467	20.053	19.679	20.114	HH	42806	8540035	99.93%	10.147%
468	20.174	20.114	20.195	HH	39395	1851508	21.66%	2.200%
469	20.375	20.195	20.395	HH	43439	4915331	57.51%	5.840%
470	20.528	20.395	20.566	HH	53379	4796101	56.12%	5.698%
471	20.745	20.566	20.782	HH	52997	6566610	76.84%	7.802%
472	20.844	20.782	20.879	HH	51890	2998377	35.08%	3.563%
473	21.048	20.879	21.146	HH	59086	8546221	100.00%	10.154%
474	21.159	21.146	21.322	HH	52427	5455607	63.84%	6.482%
475	21.430	21.322	21.572	HH	52772	7729870	90.45%	9.184%
476	21.647	21.572	21.691	HHA	56571	3813528	44.62%	4.531%
					Sum of corrected areas:	84164323		

FF030119.M Fri Mar 22 10:35:32 2019