

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF072120\
 Data File : FF007192.D
 Signal(s) : FID2B.ch
 Acq On : 21 Jul 2020 18:56
 Sample : L3360-02 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF071520.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.352	2.311	2.366	BH	197	1672	0.02%	0.001%
2	2.370	2.366	2.392	PH	13	-590	-0.01%	-0.000%
3	2.400	2.392	2.445	PH	-4	-1887	-0.02%	-0.001%
4	2.450	2.445	2.466	PH	-70	-1339	-0.01%	-0.000%
5	2.470	2.466	2.479	PH	-56	-1014	-0.01%	-0.000%
6	2.484	2.479	2.500	PH	-110	-1717	-0.02%	-0.001%
7	2.511	2.500	2.515	PH	-118	-1190	-0.01%	-0.000%
8	2.528	2.515	2.556	PH	71	-1716	-0.02%	-0.001%
9	2.583	2.556	2.611	PH	402	-831	-0.01%	-0.000%
10	2.626	2.611	2.670	PH	38	-4808	-0.05%	-0.002%
11	2.673	2.670	2.684	PH	-167	-1958	-0.02%	-0.001%
12	2.689	2.684	2.698	PH	-169	-1730	-0.02%	-0.001%
13	2.702	2.698	2.763	PH	-159	-9628	-0.11%	-0.003%
14	2.766	2.763	2.774	PH	-238	-1911	-0.02%	-0.001%
15	2.777	2.774	2.797	PH	-286	-4283	-0.05%	-0.001%
16	2.816	2.797	2.832	PH	-53	-4572	-0.05%	-0.001%
17	2.842	2.832	2.851	PH	-244	-3581	-0.04%	-0.001%
18	2.855	2.851	2.862	PH	-357	-2663	-0.03%	-0.001%
19	2.866	2.862	2.871	PH	-353	-1985	-0.02%	-0.001%
20	2.882	2.871	2.887	PH	-345	-3758	-0.04%	-0.001%
21	2.905	2.887	2.936	PH	416	-2607	-0.03%	-0.001%
22	2.946	2.936	2.969	PH	-317	-7179	-0.08%	-0.002%
23	2.977	2.969	2.985	PH	-287	-3213	-0.04%	-0.001%
24	2.989	2.985	3.003	PH	-299	-3940	-0.04%	-0.001%
25	3.009	3.003	3.014	PH	-311	-2345	-0.03%	-0.001%
26	3.020	3.014	3.047	PH	-312	-7441	-0.08%	-0.002%
27	3.051	3.047	3.056	PH	-384	-2032	-0.02%	-0.001%
28	3.064	3.056	3.069	PH	-291	-2740	-0.03%	-0.001%
29	3.085	3.069	3.107	PH	-121	-7184	-0.08%	-0.002%
30	3.116	3.107	3.124	PH	-351	-4059	-0.04%	-0.001%
31	3.133	3.124	3.152	PH	51	-4562	-0.05%	-0.001%
32	3.166	3.152	3.178	PH	-377	-6558	-0.07%	-0.002%
33	3.198	3.178	3.203	PH	-352	-6525	-0.07%	-0.002%
34	3.206	3.203	3.240	PH	-365	-9936	-0.11%	-0.003%
35	3.244	3.240	3.256	PH	-450	-5065	-0.06%	-0.002%
36	3.272	3.256	3.289	PH	-391	-9184	-0.10%	-0.003%

					rteres			
37	3.294	3.289	3.318	PH	-479	-9272	-0.10%	-0.003%
38	3.323	3.318	3.327	PH	-520	-3093	-0.03%	-0.001%
39	3.333	3.327	3.339	PH	-504	-3762	-0.04%	-0.001%
40	3.341	3.339	3.346	PH	-518	-2305	-0.03%	-0.001%
41	3.386	3.346	3.399	PH	-96	-14190	-0.16%	-0.005%
42	3.404	3.399	3.422	PH	-459	-7482	-0.08%	-0.002%
43	3.427	3.422	3.444	PH	-577	-7667	-0.08%	-0.002%
44	3.451	3.444	3.465	PH	-591	-8514	-0.09%	-0.003%
45	3.483	3.465	3.510	PH	-523	-15825	-0.17%	-0.005%
46	3.518	3.510	3.545	PH	-563	-12563	-0.14%	-0.004%
47	3.552	3.545	3.561	PH	-588	-5961	-0.07%	-0.002%
48	3.590	3.561	3.595	PH	-480	-12112	-0.13%	-0.004%
49	3.600	3.595	3.611	PH	-581	-5948	-0.07%	-0.002%
50	3.674	3.611	3.707	PH	-226	-30148	-0.33%	-0.010%
51	3.711	3.707	3.715	PH	-558	-2862	-0.03%	-0.001%
52	3.720	3.715	3.751	PH	-564	-13722	-0.15%	-0.004%
53	3.761	3.751	3.788	PH	-350	-12102	-0.13%	-0.004%
54	3.802	3.788	3.815	PH	-404	-8604	-0.09%	-0.003%
55	3.835	3.815	3.858	PH	-497	-14966	-0.16%	-0.005%
56	3.884	3.858	3.899	PH	82	-9108	-0.10%	-0.003%
57	3.904	3.899	3.921	PH	-409	-6718	-0.07%	-0.002%
58	3.935	3.921	3.955	PH	-536	-12368	-0.14%	-0.004%
59	3.970	3.955	4.021	PH	-116	-17914	-0.20%	-0.006%
60	4.048	4.021	4.077	PH	388	-8640	-0.09%	-0.003%
61	4.088	4.077	4.106	PH	-277	-7490	-0.08%	-0.002%
62	4.120	4.106	4.134	PH	-506	-9420	-0.10%	-0.003%
63	4.157	4.134	4.179	PH	-198	-12168	-0.13%	-0.004%
64	4.186	4.179	4.191	PH	-596	-4284	-0.05%	-0.001%
65	4.224	4.191	4.303	PH	1863	-5260	-0.06%	-0.002%
66	4.306	4.303	4.336	PH	-499	-11871	-0.13%	-0.004%
67	4.341	4.336	4.350	PH	-617	-5731	-0.06%	-0.002%
68	4.368	4.350	4.386	PH	-528	-12686	-0.14%	-0.004%
69	4.420	4.386	4.443	PH	-398	-16981	-0.19%	-0.005%
70	4.463	4.443	4.488	PH	1441	2102	0.02%	0.001%
71	4.508	4.488	4.524	PH	-60	-8883	-0.10%	-0.003%
72	4.537	4.524	4.551	PH	-460	-8936	-0.10%	-0.003%
73	4.567	4.551	4.581	PH	-511	-10427	-0.11%	-0.003%
74	4.584	4.581	4.594	PH	-612	-5086	-0.06%	-0.002%
75	4.612	4.594	4.638	PH	683	-4540	-0.05%	-0.001%
76	4.668	4.638	4.681	PH	-437	-13164	-0.14%	-0.004%
77	4.689	4.681	4.706	PH	-482	-8115	-0.09%	-0.003%
78	4.719	4.706	4.735	PH	-185	-7947	-0.09%	-0.003%
79	4.752	4.735	4.766	PH	-309	-8987	-0.10%	-0.003%
80	4.776	4.766	4.788	PH	-527	-7818	-0.09%	-0.002%
81	4.800	4.788	4.814	PH	-338	-8374	-0.09%	-0.003%
82	4.818	4.814	4.831	PH	-548	-5867	-0.06%	-0.002%
83	4.845	4.831	4.862	PH	-219	-9023	-0.10%	-0.003%
84	4.882	4.862	4.905	PH	-312	-14566	-0.16%	-0.005%
85	4.920	4.905	4.933	PH	-348	-8782	-0.10%	-0.003%
86	4.944	4.933	4.968	PH	-463	-14191	-0.16%	-0.005%
87	5.001	4.968	5.006	PH	-622	-16646	-0.18%	-0.005%
88	5.020	5.006	5.032	PH	-541	-10175	-0.11%	-0.003%
89	5.036	5.032	5.052	PH	-580	-8321	-0.09%	-0.003%

					rteres			
90	5.074	5.052	5.088	PH	-419	-12849	-0.14%	-0.004%
91	5.108	5.088	5.133	PH	-88	-13193	-0.14%	-0.004%
92	5.146	5.133	5.157	PH	-288	-6354	-0.07%	-0.002%
93	5.163	5.157	5.174	PH	-426	-5432	-0.06%	-0.002%
94	5.187	5.174	5.197	PH	-318	-7131	-0.08%	-0.002%
95	5.208	5.197	5.236	PH	-194	-12613	-0.14%	-0.004%
96	5.241	5.236	5.246	PH	-755	-4862	-0.05%	-0.002%
97	5.276	5.246	5.293	PH	-722	-22218	-0.24%	-0.007%
98	5.311	5.293	5.338	PH	-486	-16997	-0.19%	-0.005%
99	5.345	5.338	5.362	PH	-674	-10762	-0.12%	-0.003%
100	5.383	5.362	5.417	PH	-538	-21215	-0.23%	-0.007%
101	5.424	5.417	5.430	PH	-662	-5624	-0.06%	-0.002%
102	5.435	5.430	5.448	PH	-692	-7782	-0.09%	-0.002%
103	5.457	5.448	5.471	PH	-640	-10425	-0.11%	-0.003%
104	5.475	5.471	5.484	PH	-816	-6734	-0.07%	-0.002%
105	5.506	5.484	5.527	PH	2516	11523	0.13%	0.004%
106	5.541	5.527	5.566	PH	-274	-12458	-0.14%	-0.004%
107	5.576	5.566	5.600	PH	-712	-16029	-0.18%	-0.005%
108	5.620	5.600	5.652	PH	-710	-24355	-0.27%	-0.008%
109	5.660	5.652	5.669	PH	-732	-7947	-0.09%	-0.003%
110	5.695	5.669	5.715	PH	-307	-16923	-0.19%	-0.005%
111	5.720	5.715	5.737	PH	-681	-10245	-0.11%	-0.003%
112	5.755	5.737	5.770	PH	-742	-15596	-0.17%	-0.005%
113	5.793	5.770	5.833	PH	-294	-21632	-0.24%	-0.007%
114	5.847	5.833	5.866	PH	-513	-13191	-0.14%	-0.004%
115	5.882	5.866	5.896	PH	-453	-12627	-0.14%	-0.004%
116	5.917	5.896	5.944	PH	-672	-22382	-0.24%	-0.007%
117	5.962	5.944	5.991	PH	-525	-20812	-0.23%	-0.007%
118	6.013	5.991	6.037	PH	-497	-19064	-0.21%	-0.006%
119	6.060	6.037	6.082	PH	964	-2566	-0.03%	-0.001%
120	6.105	6.082	6.116	PH	-205	-11911	-0.13%	-0.004%
121	6.128	6.116	6.139	PH	-563	-8509	-0.09%	-0.003%
122	6.146	6.139	6.177	PH	-465	-14158	-0.15%	-0.005%
123	6.205	6.177	6.224	PH	-269	-13208	-0.14%	-0.004%
124	6.229	6.224	6.237	PH	-589	-4862	-0.05%	-0.002%
125	6.241	6.237	6.254	PH	-527	-6061	-0.07%	-0.002%
126	6.258	6.254	6.264	PH	-604	-3590	-0.04%	-0.001%
127	6.281	6.264	6.294	PH	-402	-8888	-0.10%	-0.003%
128	6.332	6.294	6.361	PH	-199	-15447	-0.17%	-0.005%
129	6.365	6.361	6.377	PH	-312	-3699	-0.04%	-0.001%
130	6.380	6.377	6.396	PH	-330	-4783	-0.05%	-0.002%
131	6.423	6.396	6.434	PH	-237	-8082	-0.09%	-0.003%
132	6.440	6.434	6.459	PH	-302	-5011	-0.05%	-0.002%
133	6.490	6.459	6.539	PH	746	-8546	-0.09%	-0.003%
134	6.544	6.539	6.551	PH	-684	-4970	-0.05%	-0.002%
135	6.561	6.551	6.568	PH	-679	-7631	-0.08%	-0.002%
136	6.575	6.568	6.581	PH	-645	-5510	-0.06%	-0.002%
137	6.586	6.581	6.597	PH	-670	-7014	-0.08%	-0.002%
138	6.604	6.597	6.626	PH	-663	-12108	-0.13%	-0.004%
139	6.640	6.626	6.661	PH	-463	-14267	-0.16%	-0.005%
140	6.690	6.661	6.719	PH	-473	-26248	-0.29%	-0.008%
141	6.723	6.719	6.726	PH	-751	-3410	-0.04%	-0.001%

					rteres			
142	6.738	6.726	6.748	PH	-701	-10195	-0.11%	-0.003%
143	6.771	6.748	6.788	PH	-479	-16771	-0.18%	-0.005%
144	6.815	6.788	6.869	PH	-705	-40344	-0.44%	-0.013%
145	6.895	6.869	6.922	PH	-496	-24290	-0.27%	-0.008%
146	6.934	6.922	6.961	PH	-740	-18736	-0.20%	-0.006%
147	7.009	6.961	7.032	PH	-443	-28148	-0.31%	-0.009%
148	7.052	7.032	7.066	PH	-231	-11147	-0.12%	-0.004%
149	7.070	7.066	7.095	PH	-540	-13217	-0.14%	-0.004%
150	7.119	7.095	7.137	PH	572	-7519	-0.08%	-0.002%
151	7.150	7.137	7.177	PH	-583	-17158	-0.19%	-0.005%
152	7.196	7.177	7.233	PH	-546	-24144	-0.26%	-0.008%
153	7.254	7.233	7.271	PH	33	-10423	-0.11%	-0.003%
154	7.285	7.271	7.297	PH	-619	-11352	-0.12%	-0.004%
155	7.307	7.297	7.312	PH	-710	-7096	-0.08%	-0.002%
156	7.316	7.312	7.344	PH	-717	-15500	-0.17%	-0.005%
157	7.347	7.344	7.365	PH	-812	-10220	-0.11%	-0.003%
158	7.414	7.365	7.449	PH	248	-25412	-0.28%	-0.008%
159	7.456	7.449	7.482	PH	-763	-16081	-0.18%	-0.005%
160	7.514	7.482	7.523	PH	-740	-19327	-0.21%	-0.006%
161	7.533	7.523	7.549	PH	-692	-12059	-0.13%	-0.004%
162	7.561	7.549	7.566	PH	-730	-8013	-0.09%	-0.003%
163	7.592	7.566	7.629	PH	-469	-26272	-0.29%	-0.008%
164	7.650	7.629	7.659	PH	-639	-13129	-0.14%	-0.004%
165	7.666	7.659	7.679	PH	-749	-9410	-0.10%	-0.003%
166	7.705	7.679	7.721	PH	-361	-14923	-0.16%	-0.005%
167	7.730	7.721	7.758	PH	-644	-15523	-0.17%	-0.005%
168	7.763	7.758	7.768	PH	-691	-4228	-0.05%	-0.001%
169	7.781	7.768	7.794	PH	-681	-11668	-0.13%	-0.004%
170	7.841	7.794	7.856	PH	-343	-22050	-0.24%	-0.007%
171	7.871	7.856	7.886	PH	-180	-7166	-0.08%	-0.002%
172	7.895	7.886	7.924	PH	-495	-13518	-0.15%	-0.004%
173	7.934	7.924	7.956	PH	-545	-12340	-0.13%	-0.004%
174	8.014	7.956	8.080	PH	659	-27675	-0.30%	-0.009%
175	8.110	8.080	8.138	PH	141	-11577	-0.13%	-0.004%
176	8.141	8.138	8.152	PH	-540	-4841	-0.05%	-0.002%
177	8.179	8.152	8.197	PH	-270	-12119	-0.13%	-0.004%
178	8.216	8.197	8.230	PH	226	-2021	-0.02%	-0.001%
179	8.249	8.230	8.266	PH	1360	14809	0.16%	0.005%
180	8.285	8.266	8.320	HH	1893	18170	0.20%	0.006%
181	8.347	8.320	8.374	PH	14570	132403	1.45%	0.042%
182	8.379	8.374	8.387	PH	-11	-680	-0.01%	-0.000%
183	8.400	8.387	8.439	PH	209	-5894	-0.06%	-0.002%
184	8.456	8.439	8.474	PH	-187	-7384	-0.08%	-0.002%
185	8.489	8.474	8.509	PH	-339	-8556	-0.09%	-0.003%
186	8.514	8.509	8.535	PH	-306	-6602	-0.07%	-0.002%
187	8.542	8.535	8.555	PH	-402	-6227	-0.07%	-0.002%
188	8.564	8.555	8.577	PH	-527	-7962	-0.09%	-0.003%
189	8.581	8.577	8.594	PH	-511	-5846	-0.06%	-0.002%
190	8.596	8.594	8.602	PH	-564	-3129	-0.03%	-0.001%
191	8.613	8.602	8.617	PH	-559	-5646	-0.06%	-0.002%
192	8.648	8.617	8.673	PH	-27	-11614	-0.13%	-0.004%
193	8.697	8.673	8.727	PH	4216	35253	0.39%	0.011%
194	8.754	8.727	8.779	PH	481	678	0.01%	0.000%

					rteres			
195	8.782	8.779	8.797	PH	-318	-3739	-0.04%	-0.001%
196	8.820	8.797	8.857	PH	346	-6174	-0.07%	-0.002%
197	8.871	8.857	8.876	PH	-382	-5374	-0.06%	-0.002%
198	8.880	8.876	8.898	PH	-409	-6157	-0.07%	-0.002%
199	8.938	8.898	8.953	PH	245	-7531	-0.08%	-0.002%
200	8.970	8.953	8.989	PH	1225	7366	0.08%	0.002%
201	9.007	8.989	9.046	PH	1829	15827	0.17%	0.005%
202	9.058	9.046	9.072	PH	-201	-4619	-0.05%	-0.001%
203	9.109	9.072	9.132	PH	1607	8120	0.09%	0.003%
204	9.145	9.132	9.171	PH	120	-4240	-0.05%	-0.001%
205	9.175	9.171	9.179	PH	-420	-2179	-0.02%	-0.001%
206	9.200	9.179	9.207	PH	-371	-7661	-0.08%	-0.002%
207	9.210	9.207	9.219	PH	-365	-3458	-0.04%	-0.001%
208	9.221	9.219	9.229	PH	-508	-3246	-0.04%	-0.001%
209	9.263	9.229	9.280	PH	-117	-12084	-0.13%	-0.004%
210	9.295	9.280	9.311	PH	-174	-5558	-0.06%	-0.002%
211	9.325	9.311	9.331	PH	-384	-5336	-0.06%	-0.002%
212	9.347	9.331	9.364	PH	-216	-7489	-0.08%	-0.002%
213	9.374	9.364	9.379	PH	-350	-3848	-0.04%	-0.001%
214	9.401	9.379	9.423	PH	-1	-6732	-0.07%	-0.002%
215	9.436	9.423	9.454	PH	-256	-6708	-0.07%	-0.002%
216	9.483	9.454	9.517	PH	3357	28253	0.31%	0.009%
217	9.524	9.517	9.540	PH	-36	-2038	-0.02%	-0.001%
218	9.564	9.540	9.591	PH	447	846	0.01%	0.000%
219	9.605	9.591	9.619	PH	158	267	0.00%	0.000%
220	9.633	9.619	9.655	PH	712	5918	0.06%	0.002%
221	9.666	9.655	9.682	PH	139	-171	-0.00%	-0.000%
222	9.691	9.682	9.707	PH	241	842	0.01%	0.000%
223	9.722	9.707	9.741	PH	232	110	0.00%	0.000%
224	9.745	9.741	9.783	PH	-115	-6233	-0.07%	-0.002%
225	9.807	9.783	9.816	PH	366	1042	0.01%	0.000%
226	9.824	9.816	9.868	HH	319	1420	0.02%	0.000%
227	9.890	9.868	9.939	PH	1900	21511	0.24%	0.007%
228	9.968	9.939	9.978	PH	-174	-6293	-0.07%	-0.002%
229	9.999	9.978	10.022	PH	24	-4657	-0.05%	-0.001%
230	10.038	10.022	10.056	PH	-37	-3197	-0.03%	-0.001%
231	10.063	10.056	10.117	PH	-37	-8803	-0.10%	-0.003%
232	10.121	10.117	10.133	PH	-284	-3031	-0.03%	-0.001%
233	10.140	10.133	10.147	PH	-237	-2340	-0.03%	-0.001%
234	10.165	10.147	10.187	PH	-116	-5269	-0.06%	-0.002%
235	10.194	10.187	10.201	PH	-262	-2425	-0.03%	-0.001%
236	10.206	10.201	10.210	PH	-264	-1601	-0.02%	-0.001%
237	10.232	10.210	10.257	PH	254	-106	-0.00%	-0.000%
238	10.279	10.257	10.305	PH	866	8600	0.09%	0.003%
239	10.330	10.305	10.349	PH	534	5800	0.06%	0.002%
240	10.367	10.349	10.390	HH	1135	13704	0.15%	0.004%
241	10.409	10.390	10.434	HH	903	13397	0.15%	0.004%
242	10.441	10.434	10.457	HH	313	1920	0.02%	0.001%
243	10.478	10.457	10.504	PH	1153	16381	0.18%	0.005%
244	10.536	10.504	10.554	HH	2115	29516	0.32%	0.009%
245	10.568	10.554	10.572	HH	686	7038	0.08%	0.002%
246	10.586	10.572	10.598	HH	843	10486	0.11%	0.003%

					rteres			
247	10.629	10.598	10.665	HH	2189	38907	0.43%	0.012%
248	10.695	10.665	10.715	HH	2542	48163	0.53%	0.015%
249	10.730	10.715	10.747	HH	1482	22429	0.25%	0.007%
250	10.769	10.747	10.781	HH	796	13531	0.15%	0.004%
251	10.797	10.781	10.833	HH	1095	19522	0.21%	0.006%
252	10.853	10.833	10.864	HH	1109	13900	0.15%	0.004%
253	10.888	10.864	10.933	HH	32204	342040	3.74%	0.109%
254	10.962	10.933	10.981	HH	9443	106414	1.16%	0.034%
255	10.989	10.981	11.011	HH	1599	19803	0.22%	0.006%
256	11.019	11.011	11.044	HH	603	9266	0.10%	0.003%
257	11.057	11.044	11.062	HH	434	4382	0.05%	0.001%
258	11.109	11.062	11.119	HH	689	16330	0.18%	0.005%
259	11.135	11.119	11.154	HH	1143	15717	0.17%	0.005%
260	11.174	11.154	11.219	HH	3701	52398	0.57%	0.017%
261	11.237	11.219	11.242	HH	571	5591	0.06%	0.002%
262	11.248	11.242	11.261	HH	653	6511	0.07%	0.002%
263	11.281	11.261	11.296	HH	878	14262	0.16%	0.005%
264	11.301	11.296	11.311	HH	883	7200	0.08%	0.002%
265	11.333	11.311	11.359	HH	2608	40814	0.45%	0.013%
266	11.380	11.359	11.391	HH	805	14565	0.16%	0.005%
267	11.419	11.391	11.454	HH	2041	49055	0.54%	0.016%
268	11.488	11.454	11.514	HH	962	24112	0.26%	0.008%
269	11.540	11.514	11.565	HH	1530	31403	0.34%	0.010%
270	11.582	11.565	11.596	HH	884	14283	0.16%	0.005%
271	11.636	11.596	11.664	HH	1130	37312	0.41%	0.012%
272	11.692	11.664	11.707	HH	4682	65875	0.72%	0.021%
273	11.723	11.707	11.766	HH	5928	90075	0.98%	0.029%
274	11.808	11.766	11.827	HH	8066	135386	1.48%	0.043%
275	11.841	11.827	11.856	HH	3952	51936	0.57%	0.017%
276	11.872	11.856	11.901	HH	4536	68306	0.75%	0.022%
277	11.912	11.901	11.926	HH	1251	16167	0.18%	0.005%
278	11.950	11.926	11.966	HH	1543	30605	0.33%	0.010%
279	12.005	11.966	12.027	HH	3141	75062	0.82%	0.024%
280	12.051	12.027	12.072	HH	2883	54358	0.59%	0.017%
281	12.095	12.072	12.112	HH	1859	39694	0.43%	0.013%
282	12.162	12.112	12.182	HH	3660	82674	0.90%	0.026%
283	12.195	12.182	12.210	HH	1901	27979	0.31%	0.009%
284	12.227	12.210	12.239	HH	2302	34493	0.38%	0.011%
285	12.251	12.239	12.294	HH	8965	149257	1.63%	0.048%
286	12.312	12.294	12.327	HH	2641	47783	0.52%	0.015%
287	12.341	12.327	12.357	HH	2478	39351	0.43%	0.013%
288	12.377	12.357	12.402	HH	2533	59454	0.65%	0.019%
289	12.417	12.402	12.428	HH	2754	38929	0.43%	0.012%
290	12.437	12.428	12.464	HH	2634	51268	0.56%	0.016%
291	12.484	12.464	12.524	HH	3217	89664	0.98%	0.029%
292	12.544	12.524	12.553	HH	2756	40803	0.45%	0.013%
293	12.563	12.553	12.572	HH	2610	29226	0.32%	0.009%
294	12.594	12.572	12.614	HH	5426	94647	1.03%	0.030%
295	12.648	12.614	12.686	HH	5149	157779	1.73%	0.050%
296	12.711	12.686	12.743	HH	65024	757826	8.29%	0.242%
297	12.770	12.743	12.797	HH	3312	86752	0.95%	0.028%
298	12.809	12.797	12.820	HH	2561	34535	0.38%	0.011%
299	12.841	12.820	12.853	HH	3028	54335	0.59%	0.017%

					rteres			
300	12.868	12.853	12.882	HH	3474	56389	0.62%	0.018%
301	12.899	12.882	12.939	HH	4750	127700	1.40%	0.041%
302	12.945	12.939	12.964	HH	3432	49215	0.54%	0.016%
303	13.010	12.964	13.036	HH	53596	709012	7.75%	0.227%
304	13.041	13.036	13.045	HH	3690	20015	0.22%	0.006%
305	13.067	13.045	13.083	HH	10055	157123	1.72%	0.050%
306	13.098	13.083	13.120	HH	8762	145594	1.59%	0.047%
307	13.135	13.120	13.167	HH	5996	132091	1.44%	0.042%
308	13.185	13.167	13.192	HH	5398	68230	0.75%	0.022%
309	13.208	13.192	13.235	HH	6641	131895	1.44%	0.042%
310	13.277	13.235	13.309	HH	7205	227204	2.48%	0.073%
311	13.313	13.309	13.326	HH	4752	46316	0.51%	0.015%
312	13.350	13.326	13.369	HH	6459	136045	1.49%	0.043%
313	13.381	13.369	13.392	HH	4725	62271	0.68%	0.020%
314	13.407	13.392	13.422	HH	5750	87602	0.96%	0.028%
315	13.436	13.422	13.450	HH	5018	79378	0.87%	0.025%
316	13.471	13.450	13.491	HH	6844	138070	1.51%	0.044%
317	13.502	13.491	13.546	HH	5183	159469	1.74%	0.051%
318	13.600	13.546	13.631	HH	15610	384769	4.21%	0.123%
319	13.666	13.631	13.682	HH	5769	160608	1.76%	0.051%
320	13.707	13.682	13.731	HH	13691	255817	2.80%	0.082%
321	13.748	13.731	13.768	HH	8769	154942	1.69%	0.050%
322	13.790	13.768	13.819	HH	7874	203689	2.23%	0.065%
323	13.852	13.819	13.864	HH	8749	200200	2.19%	0.064%
324	13.877	13.864	13.900	HH	10077	178896	1.96%	0.057%
325	13.919	13.900	13.956	HH	8846	230886	2.52%	0.074%
326	13.973	13.956	13.979	HH	6402	84779	0.93%	0.027%
327	13.991	13.979	14.012	HH	6679	130529	1.43%	0.042%
328	14.076	14.012	14.119	HH	7084	421490	4.61%	0.135%
329	14.134	14.119	14.147	HH	7127	117842	1.29%	0.038%
330	14.183	14.147	14.198	HH	7071	208261	2.28%	0.067%
331	14.218	14.198	14.224	HH	7402	111643	1.22%	0.036%
332	14.241	14.224	14.257	HH	7831	150923	1.65%	0.048%
333	14.302	14.257	14.320	HH	9335	319829	3.50%	0.102%
334	14.336	14.320	14.356	HH	10274	198684	2.17%	0.064%
335	14.365	14.356	14.386	HH	8575	151430	1.66%	0.048%
336	14.413	14.386	14.434	HH	11369	280277	3.06%	0.090%
337	14.440	14.434	14.456	HH	9596	122705	1.34%	0.039%
338	14.477	14.456	14.487	HH	9580	175463	1.92%	0.056%
339	14.517	14.487	14.537	HH	13997	337179	3.69%	0.108%
340	14.543	14.537	14.559	HH	10043	127896	1.40%	0.041%
341	14.580	14.559	14.602	HH	16504	319413	3.49%	0.102%
342	14.623	14.602	14.635	HH	12095	219769	2.40%	0.070%
343	14.640	14.635	14.661	HH	11751	167754	1.83%	0.054%
344	14.671	14.661	14.683	HH	9753	128406	1.40%	0.041%
345	14.705	14.683	14.720	HH	11262	233903	2.56%	0.075%
346	14.750	14.720	14.822	HH	41788	1078914	11.80%	0.345%
347	14.843	14.822	14.861	HH	12711	267384	2.92%	0.085%
348	14.892	14.861	14.912	HH	46401	750520	8.21%	0.240%
349	14.933	14.912	14.972	HH	43713	813733	8.90%	0.260%
350	14.990	14.972	15.004	HH	11996	226226	2.47%	0.072%
351	15.010	15.004	15.017	HH	11814	88923	0.97%	0.028%

rteres								
352	15.055	15.017	15.082	HH	19276	573595	6.27%	0.183%
353	15.099	15.082	15.111	HH	13676	232083	2.54%	0.074%
354	15.131	15.111	15.165	HH	16112	453768	4.96%	0.145%
355	15.194	15.165	15.220	HH	16722	473561	5.18%	0.151%
356	15.238	15.220	15.290	HH	15699	601940	6.58%	0.192%
357	15.296	15.290	15.304	HH	13716	115827	1.27%	0.037%
358	15.333	15.304	15.366	HH	24276	656935	7.18%	0.210%
359	15.380	15.366	15.397	HH	14901	280576	3.07%	0.090%
360	15.407	15.397	15.432	HH	14443	298995	3.27%	0.096%
361	15.474	15.432	15.508	HH	18413	733802	8.02%	0.235%
362	15.525	15.508	15.542	HH	16899	323528	3.54%	0.103%
363	15.568	15.542	15.588	HH	22049	511438	5.59%	0.163%
364	15.606	15.588	15.635	HH	19129	491710	5.38%	0.157%
365	15.650	15.635	15.675	HH	17761	411889	4.50%	0.132%
366	15.731	15.675	15.769	HH	21712	1055023	11.54%	0.337%
367	15.806	15.769	15.831	HH	19213	663559	7.26%	0.212%
368	15.859	15.831	15.873	HH	18633	462628	5.06%	0.148%
369	15.893	15.873	15.911	HH	19450	432144	4.73%	0.138%
370	15.928	15.911	15.944	HH	19265	368304	4.03%	0.118%
371	15.980	15.944	16.038	HH	23513	1169718	12.79%	0.374%
372	16.057	16.038	16.062	HH	19931	281911	3.08%	0.090%
373	16.070	16.062	16.092	HH	20062	362130	3.96%	0.116%
374	16.097	16.092	16.116	HH	20142	279034	3.05%	0.089%
375	16.121	16.116	16.127	HH	20256	134372	1.47%	0.043%
376	16.178	16.127	16.201	HH	22963	960317	10.50%	0.307%
377	16.208	16.201	16.218	HH	22173	228248	2.50%	0.073%
378	16.240	16.218	16.250	HH	23242	425684	4.65%	0.136%
379	16.281	16.250	16.302	HH	24040	741704	8.11%	0.237%
380	16.317	16.302	16.322	HH	23623	271072	2.96%	0.087%
381	16.351	16.322	16.362	HH	25775	602759	6.59%	0.193%
382	16.372	16.362	16.404	HH	25883	618761	6.77%	0.198%
383	16.456	16.404	16.475	HH	58409	1520916	16.63%	0.486%
384	16.482	16.475	16.520	HH	37730	803075	8.78%	0.257%
385	16.587	16.520	16.606	HH	32714	1441880	15.77%	0.461%
386	16.623	16.606	16.629	HH	28914	384761	4.21%	0.123%
387	16.644	16.629	16.660	HH	29103	538362	5.89%	0.172%
388	16.677	16.660	16.696	HH	29916	623166	6.81%	0.199%
389	16.704	16.696	16.717	HH	29718	371718	4.06%	0.119%
390	16.778	16.717	16.803	HH	47034	1772867	19.39%	0.567%
391	16.835	16.803	16.870	HH	54748	1491640	16.31%	0.477%
392	16.884	16.870	16.889	HH	30568	343427	3.76%	0.110%
393	16.934	16.889	16.981	HH	43404	1942627	21.24%	0.621%
394	16.994	16.981	17.017	HH	34548	725476	7.93%	0.232%
395	17.038	17.017	17.045	HH	34038	573454	6.27%	0.183%
396	17.072	17.045	17.077	HH	34735	654772	7.16%	0.209%
397	17.092	17.077	17.114	HH	35373	767802	8.40%	0.245%
398	17.154	17.114	17.166	HH	36008	1097937	12.01%	0.351%
399	17.196	17.166	17.230	HH	39808	1473856	16.12%	0.471%
400	17.257	17.230	17.280	HH	39252	1157446	12.66%	0.370%
401	17.299	17.280	17.313	HH	39016	758871	8.30%	0.243%
402	17.334	17.313	17.347	HH	40831	812862	8.89%	0.260%
403	17.381	17.347	17.406	HH	45832	1504793	16.45%	0.481%
404	17.425	17.406	17.443	HH	41922	918805	10.05%	0.294%

					rteres			
405	17.458	17.443	17.477	HH	41385	817421	8.94%	0.261%
406	17.502	17.477	17.530	HH	45196	1374448	15.03%	0.439%
407	17.563	17.530	17.579	HH	43474	1249863	13.67%	0.399%
408	17.594	17.579	17.608	HH	43338	746470	8.16%	0.239%
409	17.615	17.608	17.622	HH	43522	362100	3.96%	0.116%
410	17.627	17.622	17.633	HH	43394	266672	2.92%	0.085%
411	17.638	17.633	17.644	HH	43179	293644	3.21%	0.094%
412	17.654	17.644	17.667	HH	43873	603389	6.60%	0.193%
413	17.684	17.667	17.697	HH	44406	793975	8.68%	0.254%
414	17.823	17.697	17.855	HH	58766	4629710	50.62%	1.480%
415	17.879	17.855	17.897	HH	50552	1242894	13.59%	0.397%
416	17.977	17.897	17.996	HH	60107	3142094	34.36%	1.004%
417	18.001	17.996	18.018	HH	55663	709207	7.76%	0.227%
418	18.022	18.018	18.045	HH	54021	874269	9.56%	0.279%
419	18.061	18.045	18.082	HH	53226	1176072	12.86%	0.376%
420	18.120	18.082	18.136	HH	58024	1785105	19.52%	0.571%
421	18.152	18.136	18.159	HH	57515	776449	8.49%	0.248%
422	18.180	18.159	18.187	HH	60606	1004102	10.98%	0.321%
423	18.209	18.187	18.227	HH	70958	1534467	16.78%	0.490%
424	18.247	18.227	18.277	HH	68066	1866538	20.41%	0.597%
425	18.293	18.277	18.304	HH	59815	960312	10.50%	0.307%
426	18.346	18.304	18.363	HH	70713	2275540	24.88%	0.727%
427	18.378	18.363	18.409	HH	66007	1760305	19.25%	0.563%
428	18.413	18.409	18.420	HH	62188	389071	4.25%	0.124%
429	18.425	18.420	18.440	HH	61923	756185	8.27%	0.242%
430	18.464	18.440	18.489	HH	75504	2007758	21.95%	0.642%
431	18.511	18.489	18.517	HH	64593	1066973	11.67%	0.341%
432	18.555	18.517	18.567	HH	66893	1969734	21.54%	0.630%
433	18.598	18.567	18.621	HH	71861	2232189	24.41%	0.713%
434	18.657	18.621	18.700	HH	78220	3383088	36.99%	1.081%
435	18.722	18.700	18.729	HH	70498	1218539	13.32%	0.389%
436	18.770	18.729	18.797	HH	77268	2997214	32.77%	0.958%
437	18.819	18.797	18.866	HH	76709	3041025	33.25%	0.972%
438	18.901	18.866	18.915	HH	76353	2199595	24.05%	0.703%
439	18.927	18.915	18.932	HH	76661	801634	8.77%	0.256%
440	18.945	18.932	18.957	HH	77434	1151092	12.59%	0.368%
441	19.020	18.957	19.027	HH	80185	3255893	35.60%	1.041%
442	19.056	19.027	19.079	HH	87147	2612426	28.57%	0.835%
443	19.105	19.079	19.122	HH	83827	2129518	23.29%	0.681%
444	19.127	19.122	19.135	HH	81653	634215	6.94%	0.203%
445	19.176	19.135	19.206	HH	85044	3520938	38.50%	1.125%
446	19.270	19.206	19.284	HH	86758	4005435	43.80%	1.280%
447	19.303	19.284	19.319	HH	86741	1812619	19.82%	0.579%
448	19.329	19.319	19.342	HH	86854	1156918	12.65%	0.370%
449	19.357	19.342	19.390	HH	87368	2483885	27.16%	0.794%
450	19.411	19.390	19.417	HH	87740	1453888	15.90%	0.465%
451	19.445	19.417	19.466	HH	96261	2669159	29.19%	0.853%
452	19.483	19.466	19.507	HH	93376	2277692	24.91%	0.728%
453	19.514	19.507	19.521	HH	92448	759838	8.31%	0.243%
454	19.570	19.521	19.575	HH	96255	3059587	33.46%	0.978%
455	19.581	19.575	19.592	HH	97454	994106	10.87%	0.318%
456	19.626	19.592	19.648	HH	103613	3385203	37.02%	1.082%

rteres								
457	19.692	19.648	19.715	HH	108938	4210208	46.04%	1.346%
458	19.739	19.715	19.765	HH	109757	3226296	35.28%	1.031%
459	19.817	19.765	19.851	HH	117929	5888748	64.39%	1.882%
460	19.875	19.851	19.879	HH	115374	1884773	20.61%	0.602%
461	19.882	19.879	19.895	HH	115233	1104577	12.08%	0.353%
462	19.901	19.895	19.927	HH	113747	2172218	23.75%	0.694%
463	19.941	19.927	19.948	HH	113230	1411147	15.43%	0.451%
464	20.002	19.948	20.030	HH	123868	5804703	63.47%	1.855%
465	20.039	20.030	20.047	HH	119162	1200011	13.12%	0.384%
466	20.065	20.047	20.085	HH	121661	2767586	30.26%	0.885%
467	20.096	20.085	20.112	HH	121638	1952715	21.35%	0.624%
468	20.118	20.112	20.122	HH	120018	668864	7.31%	0.214%
469	20.129	20.122	20.140	HH	119805	1311687	14.34%	0.419%
470	20.148	20.140	20.160	HH	121108	1448051	15.83%	0.463%
471	20.188	20.160	20.206	HH	125451	3364003	36.78%	1.075%
472	20.213	20.206	20.217	HH	122229	853849	9.34%	0.273%
473	20.236	20.217	20.243	HH	123921	1853134	20.26%	0.592%
474	20.261	20.243	20.272	HH	125493	2206088	24.12%	0.705%
475	20.287	20.272	20.292	HH	125692	1523511	16.66%	0.487%
476	20.298	20.292	20.304	HH	125372	874346	9.56%	0.279%
477	20.344	20.304	20.359	HH	128705	4213999	46.08%	1.347%
478	20.364	20.359	20.377	HH	128374	1374799	15.03%	0.439%
479	20.401	20.377	20.419	HH	128597	3200028	34.99%	1.023%
480	20.426	20.419	20.435	HH	127974	1229655	13.45%	0.393%
481	20.458	20.435	20.464	HH	129664	2190274	23.95%	0.700%
482	20.483	20.464	20.487	HH	130803	1853826	20.27%	0.593%
483	20.494	20.487	20.502	HH	131307	1177528	12.88%	0.376%
484	20.508	20.502	20.514	HH	130611	916498	10.02%	0.293%
485	20.544	20.514	20.582	HH	135226	5408866	59.14%	1.729%
486	20.587	20.582	20.593	HH	129492	791608	8.66%	0.253%
487	20.599	20.593	20.607	HH	130097	1158315	12.67%	0.370%
488	20.625	20.607	20.637	HH	130804	2340641	25.59%	0.748%
489	20.677	20.637	20.686	HH	130729	3812389	41.69%	1.219%
490	20.703	20.686	20.708	HH	131937	1713294	18.73%	0.548%
491	20.775	20.708	20.781	HH	140163	5895308	64.46%	1.884%
492	20.794	20.781	20.822	HH	141813	3499459	38.27%	1.118%
493	20.843	20.822	20.881	HH	139672	4866352	53.21%	1.555%
494	20.886	20.881	20.893	HH	135246	947937	10.37%	0.303%
495	20.905	20.893	21.012	HH	134859	9145112	100.00%	2.923%
496	21.024	21.012	21.038	HH	122866	1917094	20.96%	0.613%
497	21.057	21.038	21.086	HH	122039	3477354	38.02%	1.111%
498	21.100	21.086	21.111	HH	121254	1809525	19.79%	0.578%
499	21.132	21.111	21.151	HH	122256	2943857	32.19%	0.941%
500	21.162	21.151	21.167	HH	121942	1194930	13.07%	0.382%
501	21.174	21.167	21.236	HH	122270	4977680	54.43%	1.591%
502	21.243	21.236	21.257	HH	118676	1450728	15.86%	0.464%
503	21.309	21.257	21.315	HH	121997	4219233	46.14%	1.349%
504	21.338	21.315	21.346	HH	123145	2249997	24.60%	0.719%
505	21.352	21.346	21.362	HH	123103	1215799	13.29%	0.389%
506	21.378	21.362	21.389	HH	123855	1974930	21.60%	0.631%
507	21.393	21.389	21.462	HH	123971	5322191	58.20%	1.701%
508	21.468	21.462	21.474	HH	118987	851202	9.31%	0.272%
509	21.498	21.474	21.512	HH	119441	2712312	29.66%	0.867%

						rteres		
510	21.531	21.512	21.537	HH	120689	1780854	19.47%	0.569%
511	21.542	21.537	21.549	HH	120596	860830	9.41%	0.275%
512	21.556	21.549	21.599	HH	120720	3545986	38.77%	1.133%
513	21.607	21.599	21.631	HH	117457	2238197	24.47%	0.715%
514	21.641	21.631	21.647	HH	114458	1141874	12.49%	0.365%
515	21.658	21.647	21.664	HH	114121	1101678	12.05%	0.352%
516	21.762	21.664	21.770	HH	120976	7520899	82.24%	2.404%
517	21.780	21.770	21.790	HH	121693	1430486	15.64%	0.457%
518	21.824	21.790	21.850	HH	122644	4412857	48.25%	1.410%
519	21.892	21.850	21.898	HH	125839	3549693	38.82%	1.135%
520	21.912	21.898	22.001	HHA	126537	7514555	82.17%	2.402%

Sum of corrected areas: 312870843

FF071520.M Wed Jul 22 09:07:19 2020