

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041719\
 Data File : FF004246.D
 Signal(s) : FID2B.ch
 Acq On : 17 Apr 2019 16:13
 Sample : K2435-02MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040219.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.201	2.172	2.344	PH	141042	1132836	4.43%	0.132%
2	2.352	2.344	2.362	PH	111	757	0.00%	0.000%
3	2.366	2.362	2.380	HH	96	344	0.00%	0.000%
4	2.390	2.380	2.411	PH	303	2089	0.01%	0.000%
5	2.429	2.411	2.453	HH	324	2377	0.01%	0.000%
6	2.466	2.453	2.484	PH	343	933	0.00%	0.000%
7	2.490	2.484	2.505	PH	-124	-2862	-0.01%	-0.000%
8	2.522	2.505	2.547	PH	-101	-6052	-0.02%	-0.001%
9	2.562	2.547	2.568	PH	-243	-3411	-0.01%	-0.000%
10	2.576	2.568	2.580	PH	-266	-2335	-0.01%	-0.000%
11	2.584	2.580	2.592	PH	-266	-2325	-0.01%	-0.000%
12	2.615	2.592	2.640	PH	-274	-9937	-0.04%	-0.001%
13	2.670	2.640	2.700	PH	-109	-9663	-0.04%	-0.001%
14	2.704	2.700	2.724	PH	-280	-4977	-0.02%	-0.001%
15	2.756	2.724	2.808	PH	374	-2671	-0.01%	-0.000%
16	2.814	2.808	2.835	PH	-148	-2802	-0.01%	-0.000%
17	2.840	2.835	2.846	PH	-136	-1126	-0.00%	-0.000%
18	2.853	2.846	2.870	PH	-159	-2936	-0.01%	-0.000%
19	2.876	2.870	2.885	PH	-209	-2333	-0.01%	-0.000%
20	2.897	2.885	2.909	PH	-229	-3889	-0.02%	-0.000%
21	2.917	2.909	2.939	PH	-180	-4176	-0.02%	-0.000%
22	2.971	2.939	3.030	PH	590	3049	0.01%	0.000%
23	3.034	3.030	3.087	PH	26	-4901	-0.02%	-0.001%
24	3.095	3.087	3.117	PH	-191	-4002	-0.02%	-0.000%
25	3.131	3.117	3.139	PH	-182	-3121	-0.01%	-0.000%
26	3.174	3.139	3.198	PH	-69	-7347	-0.03%	-0.001%
27	3.220	3.198	3.300	PH	201	-12753	-0.05%	-0.001%
28	3.309	3.300	3.322	PH	-320	-4283	-0.02%	-0.000%
29	3.329	3.322	3.335	PH	-281	-2501	-0.01%	-0.000%
30	3.337	3.335	3.348	PH	-216	-2303	-0.01%	-0.000%
31	3.356	3.348	3.365	PH	-259	-3642	-0.01%	-0.000%
32	3.367	3.365	3.382	PH	-336	-3819	-0.01%	-0.000%
33	3.390	3.382	3.397	PH	-324	-3518	-0.01%	-0.000%
34	3.422	3.397	3.445	PH	-250	-10143	-0.04%	-0.001%
35	3.449	3.445	3.462	PH	-326	-3781	-0.01%	-0.000%
36	3.479	3.462	3.494	PH	-147	-4939	-0.02%	-0.001%

					rteres			
37	3.512	3.494	3.528	PH	-71	-4505	-0.02%	-0.001%
38	3.542	3.528	3.568	PH	-161	-6354	-0.02%	-0.001%
39	3.589	3.568	3.620	PH	90	-5825	-0.02%	-0.001%
40	3.639	3.620	3.645	PH	-128	-3790	-0.01%	-0.000%
41	3.658	3.645	3.689	PH	146	-3684	-0.01%	-0.000%
42	3.715	3.689	3.721	PH	189	-1303	-0.01%	-0.000%
43	3.727	3.721	3.735	HH	147	1045	0.00%	0.000%
44	3.749	3.735	3.770	HH	383	1707	0.01%	0.000%
45	3.797	3.770	3.855	PH	1013	7182	0.03%	0.001%
46	3.864	3.855	3.871	PH	-120	-1814	-0.01%	-0.000%
47	3.884	3.871	3.903	PH	247	965	0.00%	0.000%
48	3.911	3.903	3.925	PH	187	760	0.00%	0.000%
49	3.959	3.925	3.964	PH	1433	22238	0.09%	0.003%
50	3.976	3.964	4.002	HH	1567	27768	0.11%	0.003%
51	4.010	4.002	4.016	HH	1071	7648	0.03%	0.001%
52	4.021	4.016	4.026	HH	919	5590	0.02%	0.001%
53	4.053	4.026	4.159	HH	2621	87384	0.34%	0.010%
54	4.166	4.159	4.174	HH	331	2789	0.01%	0.000%
55	4.192	4.174	4.213	HH	617	8812	0.03%	0.001%
56	4.232	4.213	4.257	HH	411	6564	0.03%	0.001%
57	4.284	4.257	4.379	HH	202163	2004358	7.84%	0.233%
58	4.387	4.379	4.413	HH	960	15639	0.06%	0.002%
59	4.438	4.413	4.470	HH	4635	80072	0.31%	0.009%
60	4.481	4.470	4.492	HH	1582	18077	0.07%	0.002%
61	4.508	4.492	4.523	HH	2340	34537	0.14%	0.004%
62	4.537	4.523	4.556	HH	2568	34254	0.13%	0.004%
63	4.565	4.556	4.572	HH	992	8804	0.03%	0.001%
64	4.590	4.572	4.602	HH	1180	17723	0.07%	0.002%
65	4.609	4.602	4.633	HH	886	11964	0.05%	0.001%
66	4.656	4.633	4.667	HH	800	12856	0.05%	0.001%
67	4.685	4.667	4.721	HH	1399	30764	0.12%	0.004%
68	4.747	4.721	4.788	HH	2049	45006	0.18%	0.005%
69	4.807	4.788	4.827	HH	887	16153	0.06%	0.002%
70	4.837	4.827	4.862	HH	883	10510	0.04%	0.001%
71	4.898	4.862	4.912	HH	998	20973	0.08%	0.002%
72	4.928	4.912	4.947	HH	1274	18290	0.07%	0.002%
73	4.976	4.947	4.986	HH	1783	28429	0.11%	0.003%
74	4.996	4.986	5.018	HH	1484	26510	0.10%	0.003%
75	5.025	5.018	5.062	HH	1444	26543	0.10%	0.003%
76	5.088	5.062	5.102	HH	1126	21655	0.08%	0.003%
77	5.118	5.102	5.129	HH	1511	20824	0.08%	0.002%
78	5.142	5.129	5.151	HH	1558	17252	0.07%	0.002%
79	5.179	5.151	5.191	HH	1873	35646	0.14%	0.004%
80	5.210	5.191	5.225	HH	2038	31930	0.12%	0.004%
81	5.233	5.225	5.247	HH	1325	15317	0.06%	0.002%
82	5.270	5.247	5.289	HH	1534	29176	0.11%	0.003%
83	5.296	5.289	5.305	HH	969	8997	0.04%	0.001%
84	5.326	5.305	5.377	HH	5567	124882	0.49%	0.015%
85	5.393	5.377	5.426	HH	2179	45746	0.18%	0.005%
86	5.440	5.426	5.457	HH	1635	23886	0.09%	0.003%
87	5.497	5.457	5.527	HH	4215	96813	0.38%	0.011%
88	5.546	5.527	5.556	HH	1799	28207	0.11%	0.003%
89	5.573	5.556	5.587	HH	2431	35131	0.14%	0.004%

					rteres			
90	5.604	5.587	5.647	HH	5375	125826	0.49%	0.015%
91	5.662	5.647	5.677	HH	2873	45626	0.18%	0.005%
92	5.695	5.677	5.720	HH	3032	68018	0.27%	0.008%
93	5.727	5.720	5.746	HH	2507	31493	0.12%	0.004%
94	5.774	5.746	5.791	HH	3029	56958	0.22%	0.007%
95	5.824	5.791	5.844	HH	3474	79774	0.31%	0.009%
96	5.866	5.844	5.983	HH	198842	2835943	11.10%	0.330%
97	6.023	5.983	6.070	HH	10782	341372	1.34%	0.040%
98	6.103	6.070	6.119	HH	5527	142102	0.56%	0.017%
99	6.131	6.119	6.157	HH	5511	104950	0.41%	0.012%
100	6.180	6.157	6.192	HH	5415	97773	0.38%	0.011%
101	6.197	6.192	6.209	HH	4661	44508	0.17%	0.005%
102	6.226	6.209	6.257	HH	5587	144478	0.57%	0.017%
103	6.301	6.257	6.372	HH	219624	2534778	9.92%	0.295%
104	6.387	6.372	6.407	HH	5949	113008	0.44%	0.013%
105	6.423	6.407	6.433	HH	6378	90828	0.36%	0.011%
106	6.448	6.433	6.472	HH	9637	171912	0.67%	0.020%
107	6.485	6.472	6.509	HH	7284	136858	0.54%	0.016%
108	6.521	6.509	6.529	HH	5221	59416	0.23%	0.007%
109	6.557	6.529	6.569	HH	6539	140704	0.55%	0.016%
110	6.577	6.569	6.603	HH	6459	118918	0.47%	0.014%
111	6.624	6.603	6.645	HH	6038	143058	0.56%	0.017%
112	6.653	6.645	6.665	HH	5482	61746	0.24%	0.007%
113	6.697	6.665	6.727	HH	8413	235563	0.92%	0.027%
114	6.743	6.727	6.774	HH	6763	171692	0.67%	0.020%
115	6.817	6.774	6.835	HH	9313	278705	1.09%	0.032%
116	6.857	6.835	6.884	HH	10077	234340	0.92%	0.027%
117	6.924	6.884	6.979	HH	63828	1243082	4.87%	0.145%
118	7.000	6.979	7.035	HH	16611	425766	1.67%	0.050%
119	7.056	7.035	7.089	HH	53190	848017	3.32%	0.099%
120	7.094	7.089	7.118	HH	13469	204639	0.80%	0.024%
121	7.124	7.118	7.149	HH	10159	173445	0.68%	0.020%
122	7.184	7.149	7.190	HH	10080	227018	0.89%	0.026%
123	7.223	7.190	7.249	HH	18371	443298	1.74%	0.052%
124	7.270	7.249	7.292	HH	10414	251250	0.98%	0.029%
125	7.306	7.292	7.333	HH	10135	229542	0.90%	0.027%
126	7.348	7.333	7.362	HH	9366	154734	0.61%	0.018%
127	7.394	7.362	7.430	HH	14586	453491	1.77%	0.053%
128	7.444	7.430	7.465	HH	10328	199504	0.78%	0.023%
129	7.503	7.465	7.521	HH	11775	342901	1.34%	0.040%
130	7.552	7.521	7.570	HH	11134	303476	1.19%	0.035%
131	7.589	7.570	7.623	HH	13057	343640	1.34%	0.040%
132	7.653	7.623	7.710	HH	23816	864269	3.38%	0.101%
133	7.729	7.710	7.758	HH	14333	379520	1.49%	0.044%
134	7.815	7.758	7.835	HH	24199	833836	3.26%	0.097%
135	7.845	7.835	7.870	HH	19269	338075	1.32%	0.039%
136	7.913	7.870	7.946	HH	32883	980404	3.84%	0.114%
137	7.960	7.946	7.981	HH	17974	344035	1.35%	0.040%
138	8.016	7.981	8.032	HH	48752	868647	3.40%	0.101%
139	8.045	8.032	8.067	HH	35854	640213	2.51%	0.075%
140	8.091	8.067	8.134	HH	242814	3138684	12.28%	0.366%
141	8.154	8.134	8.175	HH	68084	1057124	4.14%	0.123%

rteres								
142	8.198	8.175	8.230	HH	58377	1280393	5.01%	0.149%
143	8.243	8.230	8.261	HH	27898	480001	1.88%	0.056%
144	8.274	8.261	8.280	HH	23808	254918	1.00%	0.030%
145	8.305	8.280	8.352	HH	27079	993700	3.89%	0.116%
146	8.367	8.352	8.403	HH	18628	536718	2.10%	0.063%
147	8.417	8.403	8.425	HH	17170	226284	0.89%	0.026%
148	8.491	8.425	8.529	HH	310979	4469936	17.49%	0.521%
149	8.543	8.529	8.588	HH	38335	1099631	4.30%	0.128%
150	8.606	8.588	8.610	HH	29296	359747	1.41%	0.042%
151	8.625	8.610	8.649	HH	33770	672163	2.63%	0.078%
152	8.678	8.649	8.688	HH	24895	545490	2.13%	0.064%
153	8.702	8.688	8.713	HH	26235	368978	1.44%	0.043%
154	8.733	8.713	8.749	HH	51967	824430	3.23%	0.096%
155	8.767	8.749	8.820	HH	130303	2490059	9.75%	0.290%
156	8.826	8.820	8.850	HH	30539	530515	2.08%	0.062%
157	8.855	8.850	8.886	HH	28863	584151	2.29%	0.068%
158	8.910	8.886	8.930	HH	42164	898632	3.52%	0.105%
159	8.946	8.930	8.975	HH	38260	852051	3.33%	0.099%
160	8.994	8.975	9.019	HH	27652	682753	2.67%	0.080%
161	9.057	9.019	9.077	HH	38568	1012869	3.96%	0.118%
162	9.097	9.077	9.122	HH	33974	805842	3.15%	0.094%
163	9.143	9.122	9.163	HH	32742	719627	2.82%	0.084%
164	9.194	9.163	9.223	HH	41413	1181591	4.62%	0.138%
165	9.240	9.223	9.251	HH	31742	491374	1.92%	0.057%
166	9.276	9.251	9.334	HH	219858	3862305	15.12%	0.450%
167	9.355	9.334	9.382	HH	54421	1208926	4.73%	0.141%
168	9.399	9.382	9.408	HH	44237	637666	2.50%	0.074%
169	9.427	9.408	9.452	HH	71052	1363082	5.33%	0.159%
170	9.489	9.452	9.534	HH	51880	1931092	7.56%	0.225%
171	9.543	9.534	9.559	HH	33875	499335	1.95%	0.058%
172	9.569	9.559	9.579	HH	32502	380309	1.49%	0.044%
173	9.600	9.579	9.626	HH	74151	1437391	5.63%	0.167%
174	9.631	9.626	9.642	HH	40461	374208	1.46%	0.044%
175	9.647	9.642	9.665	HH	39590	536686	2.10%	0.063%
176	9.691	9.665	9.735	HH	268220	4570499	17.89%	0.532%
177	9.761	9.735	9.781	HH	45091	1148349	4.49%	0.134%
178	9.791	9.781	9.834	HH	39132	1091881	4.27%	0.127%
179	9.866	9.834	9.903	HH	38272	1417851	5.55%	0.165%
180	9.925	9.903	9.937	HH	32905	650408	2.55%	0.076%
181	9.959	9.937	9.976	HH	32766	742050	2.90%	0.086%
182	9.981	9.976	9.986	HH	32180	206091	0.81%	0.024%
183	9.992	9.986	9.998	HH	32948	234400	0.92%	0.027%
184	10.023	9.998	10.049	HH	38623	1069198	4.18%	0.125%
185	10.077	10.049	10.104	HH	51400	1393950	5.46%	0.162%
186	10.134	10.104	10.139	HH	49227	909478	3.56%	0.106%
187	10.162	10.139	10.184	HH	67836	1477370	5.78%	0.172%
188	10.202	10.184	10.249	HH	55272	1772107	6.94%	0.206%
189	10.276	10.249	10.312	HH	59982	1803788	7.06%	0.210%
190	10.346	10.312	10.391	HH	81224	2629262	10.29%	0.306%
191	10.446	10.391	10.458	HH	69284	2161342	8.46%	0.252%
192	10.485	10.458	10.526	HH	118311	3546710	13.88%	0.413%
193	10.548	10.526	10.568	HH	47835	1157837	4.53%	0.135%
194	10.584	10.568	10.603	HH	59008	1061817	4.16%	0.124%

rteres							
195	10.617	10.603	10.633	HH	47627	841883	3.30% 0.098%
196	10.651	10.633	10.655	HH	64914	711086	2.78% 0.083%
197	10.691	10.655	10.735	HH	1768616	23559585	92.21% 2.744%
198	10.757	10.735	10.793	HH	473973	6584388	25.77% 0.767%
199	10.809	10.793	10.837	HH	70143	1626958	6.37% 0.189%
200	10.848	10.837	10.886	HH	53961	1451355	5.68% 0.169%
201	10.899	10.886	10.918	HH	46506	849584	3.33% 0.099%
202	10.950	10.918	10.961	HH	63181	1374155	5.38% 0.160%
203	10.980	10.961	11.039	HH	165047	3887288	15.21% 0.453%
204	11.043	11.039	11.062	HH	50247	669394	2.62% 0.078%
205	11.077	11.062	11.096	HH	53301	1030100	4.03% 0.120%
206	11.131	11.096	11.160	HH	253981	4260334	16.67% 0.496%
207	11.214	11.160	11.254	HH	101552	3604145	14.11% 0.420%
208	11.281	11.254	11.298	HH	62616	1433055	5.61% 0.167%
209	11.334	11.298	11.358	HH	59920	1934486	7.57% 0.225%
210	11.388	11.358	11.397	HH	52874	1161438	4.55% 0.135%
211	11.413	11.397	11.430	HH	55177	1071451	4.19% 0.125%
212	11.445	11.430	11.458	HH	54041	839112	3.28% 0.098%
213	11.481	11.458	11.497	HH	199294	2842084	11.12% 0.331%
214	11.514	11.497	11.559	HH	242918	4189745	16.40% 0.488%
215	11.595	11.559	11.615	HH	267698	4680621	18.32% 0.545%
216	11.631	11.615	11.644	HH	130310	1803629	7.06% 0.210%
217	11.661	11.644	11.708	HH	171031	3538572	13.85% 0.412%
218	11.727	11.708	11.746	HH	57312	1175872	4.60% 0.137%
219	11.767	11.746	11.785	HH	67877	1433753	5.61% 0.167%
220	11.798	11.785	11.812	HH	61646	949342	3.72% 0.111%
221	11.818	11.812	11.842	HH	56602	939148	3.68% 0.109%
222	11.866	11.842	11.929	HH	126169	3833809	15.00% 0.447%
223	11.952	11.929	12.022	HH	153689	4113124	16.10% 0.479%
224	12.061	12.022	12.084	HH	116660	2707604	10.60% 0.315%
225	12.098	12.084	12.135	HH	65823	1704309	6.67% 0.198%
226	12.155	12.135	12.167	HH	51727	939801	3.68% 0.109%
227	12.206	12.167	12.219	HH	68477	1768709	6.92% 0.206%
228	12.228	12.219	12.252	HH	63044	1161758	4.55% 0.135%
229	12.274	12.252	12.332	HH	76603	2800089	10.96% 0.326%
230	12.354	12.332	12.368	HH	103214	1690602	6.62% 0.197%
231	12.384	12.368	12.405	HH	114711	2002552	7.84% 0.233%
232	12.441	12.405	12.474	HH	268654	5354925	20.96% 0.624%
233	12.516	12.474	12.565	HH	1715794	25550219	100.00% 2.976%
234	12.584	12.565	12.623	HH	67871	1958886	7.67% 0.228%
235	12.660	12.623	12.671	HH	73954	1787071	6.99% 0.208%
236	12.688	12.671	12.710	HH	127042	2113537	8.27% 0.246%
237	12.739	12.710	12.773	HH	77727	2526945	9.89% 0.294%
238	12.812	12.773	12.835	HH	1467524	20215076	79.12% 2.354%
239	12.856	12.835	12.872	HH	228856	3176185	12.43% 0.370%
240	12.888	12.872	12.920	HH	229691	3754820	14.70% 0.437%
241	12.928	12.920	12.945	HH	58151	841097	3.29% 0.098%
242	12.975	12.945	12.993	HH	106314	2091991	8.19% 0.244%
243	13.013	12.993	13.052	HH	108951	2798275	10.95% 0.326%
244	13.071	13.052	13.112	HH	141533	2969162	11.62% 0.346%
245	13.131	13.112	13.142	HH	67493	1075360	4.21% 0.125%
246	13.155	13.142	13.177	HH	76731	1332052	5.21% 0.155%

rteres								
247	13.200	13.177	13.236	HH	93380	2344789	9.18%	0.273%
248	13.261	13.236	13.324	HH	136874	4155298	16.26%	0.484%
249	13.393	13.324	13.438	HH	263580	6952118	27.21%	0.810%
250	13.455	13.438	13.473	HH	71934	1294660	5.07%	0.151%
251	13.497	13.473	13.519	HH	186459	3066278	12.00%	0.357%
252	13.537	13.519	13.557	HH	155463	2495717	9.77%	0.291%
253	13.572	13.557	13.602	HH	101548	2080072	8.14%	0.242%
254	13.637	13.602	13.656	HH	272546	4864492	19.04%	0.567%
255	13.664	13.656	13.688	HH	134680	1944316	7.61%	0.226%
256	13.707	13.688	13.759	HH	119875	3292605	12.89%	0.383%
257	13.799	13.759	13.809	HH	67906	1810228	7.08%	0.211%
258	13.813	13.809	13.819	HH	66908	380296	1.49%	0.044%
259	13.824	13.819	13.848	HH	66845	1094081	4.28%	0.127%
260	13.867	13.848	13.886	HH	60050	1280156	5.01%	0.149%
261	13.897	13.886	13.909	HH	54515	727418	2.85%	0.085%
262	13.921	13.909	13.942	HH	53060	982894	3.85%	0.114%
263	13.977	13.942	14.015	HH	56523	2246602	8.79%	0.262%
264	14.034	14.015	14.041	HH	49831	751405	2.94%	0.088%
265	14.065	14.041	14.074	HH	66608	1161295	4.55%	0.135%
266	14.099	14.074	14.113	HH	72306	1617245	6.33%	0.188%
267	14.144	14.113	14.181	HH	116809	3170145	12.41%	0.369%
268	14.202	14.181	14.217	HH	73837	1468588	5.75%	0.171%
269	14.230	14.217	14.252	HH	70286	1356363	5.31%	0.158%
270	14.263	14.252	14.279	HH	57258	869009	3.40%	0.101%
271	14.309	14.279	14.337	HH	151053	3184487	12.46%	0.371%
272	14.366	14.337	14.400	HH	215232	4880709	19.10%	0.568%
273	14.421	14.400	14.438	HH	115514	2174645	8.51%	0.253%
274	14.453	14.438	14.505	HH	134745	3489188	13.66%	0.406%
275	14.537	14.505	14.624	HH	192895	6264173	24.52%	0.730%
276	14.649	14.624	14.659	HH	99568	1641634	6.43%	0.191%
277	14.690	14.659	14.709	HH	796283	11814882	46.24%	1.376%
278	14.733	14.709	14.774	HH	922309	13715734	53.68%	1.597%
279	14.780	14.774	14.810	HH	60453	1246075	4.88%	0.145%
280	14.844	14.810	14.863	HH	190685	3522917	13.79%	0.410%
281	14.872	14.863	14.907	HH	94760	2073560	8.12%	0.242%
282	14.942	14.907	14.972	HH	107219	2907103	11.38%	0.339%
283	14.999	14.972	15.015	HH	120727	2319558	9.08%	0.270%
284	15.032	15.015	15.064	HH	108776	2484934	9.73%	0.289%
285	15.067	15.064	15.089	HH	63724	894673	3.50%	0.104%
286	15.122	15.089	15.213	HH	107376	5470551	21.41%	0.637%
287	15.262	15.213	15.287	HH	75652	2870720	11.24%	0.334%
288	15.315	15.287	15.334	HH	85123	2028585	7.94%	0.236%
289	15.358	15.334	15.379	HH	195983	3348916	13.11%	0.390%
290	15.396	15.379	15.429	HH	113797	2596360	10.16%	0.302%
291	15.446	15.429	15.478	HH	91441	2287991	8.95%	0.266%
292	15.500	15.478	15.507	HH	128399	1818808	7.12%	0.212%
293	15.517	15.507	15.569	HH	131553	3530238	13.82%	0.411%
294	15.589	15.569	15.625	HH	96548	2621234	10.26%	0.305%
295	15.638	15.625	15.659	HH	67009	1267000	4.96%	0.148%
296	15.682	15.659	15.711	HH	79965	2023776	7.92%	0.236%
297	15.717	15.711	15.724	HH	54089	428560	1.68%	0.050%
298	15.763	15.724	15.814	HH	271713	6350111	24.85%	0.740%
299	15.828	15.814	15.852	HH	67745	1445000	5.66%	0.168%

					rteres			
300	15.860	15.852	15.882	HH	61497	1063564	4.16%	0.124%
301	15.901	15.882	15.925	HH	61381	1549570	6.06%	0.180%
302	15.959	15.925	15.982	HH	74387	2186706	8.56%	0.255%
303	16.008	15.982	16.025	HH	77796	1799379	7.04%	0.210%
304	16.050	16.025	16.088	HH	97980	3012460	11.79%	0.351%
305	16.129	16.088	16.143	HH	79923	2397585	9.38%	0.279%
306	16.167	16.143	16.192	HH	102818	2430306	9.51%	0.283%
307	16.217	16.192	16.221	HH	98414	1440463	5.64%	0.168%
308	16.260	16.221	16.274	HH	741490	12810862	50.14%	1.492%
309	16.284	16.274	16.318	HH	408327	5429042	21.25%	0.632%
310	16.331	16.318	16.348	HH	79270	1353783	5.30%	0.158%
311	16.384	16.348	16.406	HH	200005	4185697	16.38%	0.487%
312	16.414	16.406	16.452	HH	100482	2309424	9.04%	0.269%
313	16.508	16.452	16.518	HH	97697	3308140	12.95%	0.385%
314	16.538	16.518	16.546	HH	113605	1750115	6.85%	0.204%
315	16.577	16.546	16.607	HH	504580	8997837	35.22%	1.048%
316	16.640	16.607	16.684	HH	679506	11862102	46.43%	1.382%
317	16.714	16.684	16.724	HH	247601	4119315	16.12%	0.480%
318	16.734	16.724	16.772	HH	240315	4525311	17.71%	0.527%
319	16.779	16.772	16.789	HH	93144	919946	3.60%	0.107%
320	16.804	16.789	16.827	HH	97761	2115086	8.28%	0.246%
321	16.883	16.827	16.918	HH	113309	5364003	20.99%	0.625%
322	16.938	16.918	16.958	HH	92102	2085524	8.16%	0.243%
323	16.996	16.958	17.012	HH	135687	3615548	14.15%	0.421%
324	17.017	17.012	17.068	HH	128461	3498121	13.69%	0.407%
325	17.162	17.068	17.192	HH	133787	7562046	29.60%	0.881%
326	17.224	17.192	17.242	HH	111478	2961329	11.59%	0.345%
327	17.254	17.242	17.274	HH	99748	1822638	7.13%	0.212%
328	17.295	17.274	17.377	HH	128211	6162766	24.12%	0.718%
329	17.398	17.377	17.406	HH	92451	1576259	6.17%	0.184%
330	17.422	17.406	17.462	HH	96531	3011549	11.79%	0.351%
331	17.486	17.462	17.515	HH	88868	2680556	10.49%	0.312%
332	17.540	17.515	17.550	HH	86413	1794857	7.02%	0.209%
333	17.601	17.550	17.673	HH	270889	9291845	36.37%	1.082%
334	17.725	17.673	17.752	HH	131205	4991889	19.54%	0.581%
335	17.780	17.752	17.790	HH	120821	2494205	9.76%	0.290%
336	17.807	17.790	17.856	HH	126805	4507615	17.64%	0.525%
337	17.868	17.856	17.891	HH	99665	2024566	7.92%	0.236%
338	17.921	17.891	17.944	HH	212525	4710907	18.44%	0.549%
339	17.952	17.944	17.983	HH	132918	2748353	10.76%	0.320%
340	18.021	17.983	18.043	HH	456954	8856272	34.66%	1.031%
341	18.053	18.043	18.081	HH	176095	3453786	13.52%	0.402%
342	18.100	18.081	18.127	HH	138345	3432435	13.43%	0.400%
343	18.148	18.127	18.164	HH	202310	3634991	14.23%	0.423%
344	18.180	18.164	18.202	HH	175609	3407004	13.33%	0.397%
345	18.216	18.202	18.240	HH	131434	2688087	10.52%	0.313%
346	18.276	18.240	18.321	HH	417868	9286776	36.35%	1.082%
347	18.354	18.321	18.381	HH	127548	4209752	16.48%	0.490%
348	18.432	18.381	18.479	HH	265562	9785049	38.30%	1.140%
349	18.518	18.479	18.540	HH	112377	3914151	15.32%	0.456%
350	18.563	18.540	18.568	HH	107755	1780882	6.97%	0.207%
351	18.586	18.568	18.606	HH	117898	2535329	9.92%	0.295%

rteres								
352	18.618	18.606	18.636	HH	108914	1910539	7.48%	0.223%
353	18.656	18.636	18.676	HH	112479	2605980	10.20%	0.304%
354	18.706	18.676	18.728	HH	127509	3631291	14.21%	0.423%
355	18.734	18.728	18.742	HH	111087	975320	3.82%	0.114%
356	18.789	18.742	18.815	HH	148426	5358181	20.97%	0.624%
357	18.836	18.815	18.843	HH	125138	1963961	7.69%	0.229%
358	18.865	18.843	18.879	HH	129047	2648876	10.37%	0.309%
359	18.889	18.879	18.927	HH	125042	3390096	13.27%	0.395%
360	18.959	18.927	19.004	HH	125714	5270362	20.63%	0.614%
361	19.025	19.004	19.051	HH	115390	3107900	12.16%	0.362%
362	19.066	19.051	19.087	HH	111164	2362355	9.25%	0.275%
363	19.122	19.087	19.150	HH	119130	4292448	16.80%	0.500%
364	19.156	19.150	19.184	HH	107856	2118831	8.29%	0.247%
365	19.218	19.184	19.255	HH	239870	6559610	25.67%	0.764%
366	19.288	19.255	19.312	HH	121628	3978123	15.57%	0.463%
367	19.324	19.312	19.330	HH	116130	1244071	4.87%	0.145%
368	19.332	19.330	19.340	HH	115201	646804	2.53%	0.075%
369	19.357	19.340	19.375	HH	117633	2423548	9.49%	0.282%
370	19.437	19.375	19.475	HH	228064	9312712	36.45%	1.085%
371	19.507	19.475	19.544	HH	231803	7012612	27.45%	0.817%
372	19.569	19.544	19.589	HH	159283	4044651	15.83%	0.471%
373	19.602	19.589	19.633	HH	151039	3840853	15.03%	0.447%
374	19.643	19.633	19.677	HH	135348	3303641	12.93%	0.385%
375	19.728	19.677	19.766	HH	148728	6767611	26.49%	0.788%
376	19.822	19.766	19.867	HH	267661	10118660	39.60%	1.178%
377	19.892	19.867	19.916	HH	177151	4468001	17.49%	0.520%
378	19.959	19.916	20.009	HH	271872	9766739	38.23%	1.138%
379	20.014	20.009	20.022	HH	128957	966095	3.78%	0.113%
380	20.029	20.022	20.040	HH	128486	1373025	5.37%	0.160%
381	20.074	20.040	20.085	HH	133511	3528969	13.81%	0.411%
382	20.114	20.085	20.162	HH	146689	6194788	24.25%	0.721%
383	20.177	20.162	20.197	HH	129420	2752325	10.77%	0.321%
384	20.202	20.197	20.211	HH	128222	1041921	4.08%	0.121%
385	20.215	20.211	20.229	HH	127908	1339010	5.24%	0.156%
386	20.245	20.229	20.264	HH	128642	2657000	10.40%	0.309%
387	20.279	20.264	20.285	HH	128248	1634689	6.40%	0.190%
388	20.304	20.285	20.321	HH	132270	2788971	10.92%	0.325%
389	20.328	20.321	20.364	HH	131206	3255680	12.74%	0.379%
390	20.367	20.364	20.379	HH	125613	1110206	4.35%	0.129%
391	20.415	20.379	20.453	HH	129091	5601640	21.92%	0.652%
392	20.480	20.453	20.488	HH	128031	2589582	10.14%	0.302%
393	20.494	20.488	20.512	HH	127436	1826245	7.15%	0.213%
394	20.518	20.512	20.524	HH	122152	901894	3.53%	0.105%
395	20.527	20.524	20.557	HH	120965	2334592	9.14%	0.272%
396	20.577	20.557	20.586	HH	122911	2116464	8.28%	0.246%
397	20.591	20.586	20.622	HH	121747	2564852	10.04%	0.299%
398	20.636	20.622	20.644	HH	118869	1552179	6.08%	0.181%
399	20.682	20.644	20.744	HH	212353	8509411	33.30%	0.991%
400	20.770	20.744	20.794	HH	116391	3406196	13.33%	0.397%
401	20.858	20.794	20.890	HH	127221	6941750	27.17%	0.808%
402	20.896	20.890	20.902	HH	114252	768240	3.01%	0.089%
403	20.928	20.902	20.974	HH	120545	5014181	19.62%	0.584%
404	20.979	20.974	20.985	HH	108649	727781	2.85%	0.085%

						rteres		
405	20.992	20.985	20.998	HH	109326	803768	3.15%	0.094%
406	21.038	20.998	21.058	HH	118352	4080424	15.97%	0.475%
407	21.064	21.058	21.100	HH	114416	2829709	11.08%	0.330%
408	21.141	21.100	21.167	HH	120984	4667022	18.27%	0.544%
409	21.236	21.167	21.295	HH	140768	9658853	37.80%	1.125%
410	21.305	21.295	21.367	HH	117965	4870489	19.06%	0.567%
411	21.373	21.367	21.377	HH	104533	564338	2.21%	0.066%
412	21.398	21.377	21.423	HH	109030	3001915	11.75%	0.350%
413	21.447	21.423	21.486	HH	112567	4086354	15.99%	0.476%
414	21.491	21.486	21.499	HH	105399	786400	3.08%	0.092%
415	21.542	21.499	21.550	HHA	188326	4664813	18.26%	0.543%

Sum of corrected areas: 858606185

FF040219.M Thu Apr 18 09:58:33 2019