

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111820\
 Data File : FF007896.D
 Signal(s) : FID2B.ch
 Acq On : 18 Nov 2020 15:53
 Sample : L4784-10
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF110220.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.328	2.301	2.352	BH	316	3735	0.05%	0.001%
2	2.386	2.352	2.399	PH	219	2474	0.03%	0.000%
3	2.411	2.399	2.449	HH	630	5331	0.07%	0.001%
4	2.466	2.449	2.494	HH	313	4299	0.06%	0.001%
5	2.505	2.494	2.529	HH	1724	19110	0.25%	0.003%
6	2.538	2.529	2.554	HH	850	8533	0.11%	0.002%
7	2.569	2.554	2.589	HH	788	11394	0.15%	0.002%
8	2.596	2.589	2.616	HH	556	6892	0.09%	0.001%
9	2.621	2.616	2.639	HH	309	1491	0.02%	0.000%
10	2.651	2.639	2.654	PH	4	-271	-0.00%	-0.000%
11	2.660	2.654	2.676	PH	83	234	0.00%	0.000%
12	2.696	2.676	2.724	PH	227	3148	0.04%	0.001%
13	2.741	2.724	2.761	HH	1693	15532	0.20%	0.003%
14	2.794	2.761	2.831	HH	2016	22103	0.29%	0.004%
15	2.893	2.831	2.914	HH	3099	44710	0.59%	0.008%
16	2.927	2.914	2.944	HH	2651	25535	0.34%	0.005%
17	2.953	2.944	2.965	HH	594	5737	0.08%	0.001%
18	2.985	2.965	3.002	HH	778	11311	0.15%	0.002%
19	3.023	3.002	3.038	HH	793	9767	0.13%	0.002%
20	3.058	3.038	3.069	HH	431	6256	0.08%	0.001%
21	3.083	3.069	3.097	HH	1663	15629	0.21%	0.003%
22	3.111	3.097	3.131	HH	1950	20305	0.27%	0.004%
23	3.143	3.131	3.164	HH	884	11998	0.16%	0.002%
24	3.184	3.164	3.196	HH	707	10253	0.13%	0.002%
25	3.205	3.196	3.221	HH	478	4131	0.05%	0.001%
26	3.238	3.221	3.253	PH	1913	16307	0.21%	0.003%
27	3.267	3.253	3.279	HH	581	6879	0.09%	0.001%
28	3.289	3.279	3.304	HH	409	3934	0.05%	0.001%
29	3.317	3.304	3.329	HH	339	3458	0.05%	0.001%
30	3.358	3.329	3.367	HH	510	6148	0.08%	0.001%
31	3.380	3.367	3.404	HH	3453	31495	0.41%	0.006%
32	3.411	3.404	3.416	HH	216	1358	0.02%	0.000%
33	3.436	3.416	3.451	HH	2251	21287	0.28%	0.004%
34	3.462	3.451	3.467	HH	1133	8428	0.11%	0.002%
35	3.478	3.467	3.516	HH	2120	26215	0.34%	0.005%
36	3.526	3.516	3.539	HH	787	8054	0.11%	0.001%

					rteres			
37	3.550	3.539	3.582	HH	777	13532	0.18%	0.002%
38	3.595	3.582	3.609	HH	678	7467	0.10%	0.001%
39	3.640	3.609	3.665	HH	2241	33272	0.44%	0.006%
40	3.685	3.665	3.703	HH	1566	18396	0.24%	0.003%
41	3.707	3.703	3.725	HH	311	3379	0.04%	0.001%
42	3.747	3.725	3.764	HH	3025	29894	0.39%	0.005%
43	3.775	3.764	3.799	HH	1189	11880	0.16%	0.002%
44	3.804	3.799	3.811	HH	153	657	0.01%	0.000%
45	3.829	3.811	3.844	PH	3401	29851	0.39%	0.005%
46	3.858	3.844	3.870	HH	2981	33324	0.44%	0.006%
47	3.880	3.870	3.895	HH	1938	22711	0.30%	0.004%
48	3.906	3.895	3.930	HH	1529	16304	0.21%	0.003%
49	3.962	3.930	3.979	HH	942	15253	0.20%	0.003%
50	4.010	3.979	4.025	HH	1557	24633	0.32%	0.005%
51	4.042	4.025	4.073	HH	2590	50952	0.67%	0.009%
52	4.091	4.073	4.105	HH	2853	34840	0.46%	0.006%
53	4.117	4.105	4.151	HH	2240	45718	0.60%	0.008%
54	4.163	4.151	4.178	HH	1881	24912	0.33%	0.005%
55	4.197	4.178	4.219	HH	5679	75873	1.00%	0.014%
56	4.245	4.219	4.251	HH	2943	47720	0.63%	0.009%
57	4.259	4.251	4.274	HH	3456	39246	0.52%	0.007%
58	4.298	4.274	4.333	HH	7665	112480	1.48%	0.021%
59	4.361	4.333	4.378	HH	3635	67821	0.89%	0.012%
60	4.390	4.378	4.416	HH	5852	73613	0.97%	0.013%
61	4.445	4.416	4.462	HH	3786	67750	0.89%	0.012%
62	4.475	4.462	4.504	HH	2493	53236	0.70%	0.010%
63	4.511	4.504	4.522	HH	1586	16258	0.21%	0.003%
64	4.549	4.522	4.562	HH	6209	79459	1.04%	0.015%
65	4.585	4.562	4.611	HH	17043	206252	2.71%	0.038%
66	4.652	4.611	4.670	HH	5566	101792	1.34%	0.019%
67	4.687	4.670	4.709	HH	14012	157363	2.07%	0.029%
68	4.721	4.709	4.737	HH	4420	52403	0.69%	0.010%
69	4.746	4.737	4.765	HH	2109	30113	0.40%	0.006%
70	4.795	4.765	4.814	HH	2983	62147	0.82%	0.011%
71	4.829	4.814	4.842	HH	1586	22277	0.29%	0.004%
72	4.861	4.842	4.868	HH	2486	26134	0.34%	0.005%
73	4.882	4.868	4.895	HH	5365	59781	0.79%	0.011%
74	4.931	4.895	4.947	HH	6862	119583	1.57%	0.022%
75	4.961	4.947	4.994	HH	5376	76616	1.01%	0.014%
76	5.025	4.994	5.066	HH	27810	401870	5.28%	0.073%
77	5.072	5.066	5.088	HH	3376	37111	0.49%	0.007%
78	5.111	5.088	5.131	HH	7105	108260	1.42%	0.020%
79	5.156	5.131	5.167	HH	4625	74554	0.98%	0.014%
80	5.179	5.167	5.194	HH	5289	72274	0.95%	0.013%
81	5.217	5.194	5.231	HH	9342	152383	2.00%	0.028%
82	5.251	5.231	5.263	HH	8940	130858	1.72%	0.024%
83	5.275	5.263	5.288	HH	7917	102313	1.34%	0.019%
84	5.301	5.288	5.322	HH	10811	141030	1.85%	0.026%
85	5.342	5.322	5.362	HH	5902	115693	1.52%	0.021%
86	5.384	5.362	5.394	HH	5720	87381	1.15%	0.016%
87	5.410	5.394	5.425	HH	11692	141690	1.86%	0.026%
88	5.431	5.425	5.448	HH	5475	57227	0.75%	0.010%
89	5.465	5.448	5.490	HH	6403	105537	1.39%	0.019%

					rteres			
90	5.512	5.490	5.526	HH	15619	185090	2.43%	0.034%
91	5.537	5.526	5.546	HH	8108	87865	1.15%	0.016%
92	5.551	5.546	5.578	HH	7304	114945	1.51%	0.021%
93	5.597	5.578	5.613	HH	7928	122709	1.61%	0.022%
94	5.628	5.613	5.647	HH	8839	138454	1.82%	0.025%
95	5.667	5.647	5.694	HH	10298	228048	3.00%	0.042%
96	5.715	5.694	5.730	HH	16712	252494	3.32%	0.046%
97	5.733	5.730	5.762	HH	10362	140271	1.84%	0.026%
98	5.778	5.762	5.792	HH	7260	105182	1.38%	0.019%
99	5.806	5.792	5.822	HH	7721	111700	1.47%	0.020%
100	5.840	5.822	5.867	HH	14205	257583	3.38%	0.047%
101	5.891	5.867	5.903	HH	9654	179832	2.36%	0.033%
102	5.939	5.903	5.944	HH	13150	272940	3.59%	0.050%
103	5.951	5.944	5.977	HH	13251	204425	2.69%	0.037%
104	5.985	5.977	5.998	HH	8587	94229	1.24%	0.017%
105	6.032	5.998	6.044	HH	19127	319000	4.19%	0.058%
106	6.050	6.044	6.066	HH	13864	160651	2.11%	0.029%
107	6.073	6.066	6.083	HH	11680	112820	1.48%	0.021%
108	6.095	6.083	6.106	HH	13596	171694	2.26%	0.031%
109	6.128	6.106	6.151	HH	14258	306210	4.02%	0.056%
110	6.195	6.151	6.218	HH	20919	492180	6.47%	0.090%
111	6.236	6.218	6.249	HH	8296	146105	1.92%	0.027%
112	6.278	6.249	6.288	HH	16534	301566	3.96%	0.055%
113	6.299	6.288	6.329	HH	17925	287584	3.78%	0.053%
114	6.356	6.329	6.381	HH	11524	302201	3.97%	0.055%
115	6.403	6.381	6.437	HH	17273	431106	5.67%	0.079%
116	6.459	6.437	6.496	HH	27096	589341	7.74%	0.108%
117	6.517	6.496	6.525	HH	20047	283475	3.73%	0.052%
118	6.535	6.525	6.550	HH	21673	278266	3.66%	0.051%
119	6.572	6.550	6.587	HH	20371	380591	5.00%	0.070%
120	6.599	6.587	6.612	HH	21959	273955	3.60%	0.050%
121	6.626	6.612	6.640	HH	24165	332596	4.37%	0.061%
122	6.648	6.640	6.667	HH	18704	267620	3.52%	0.049%
123	6.682	6.667	6.703	HH	17776	309494	4.07%	0.057%
124	6.721	6.703	6.732	HH	14157	225259	2.96%	0.041%
125	6.747	6.732	6.763	HH	17177	284346	3.74%	0.052%
126	6.772	6.763	6.779	HH	14449	135481	1.78%	0.025%
127	6.796	6.779	6.811	HH	15549	273638	3.60%	0.050%
128	6.823	6.811	6.835	HH	13333	178637	2.35%	0.033%
129	6.851	6.835	6.872	HH	15353	295364	3.88%	0.054%
130	6.886	6.872	6.899	HH	13725	202072	2.66%	0.037%
131	6.916	6.899	6.920	HH	15401	180406	2.37%	0.033%
132	6.933	6.920	6.948	HH	17060	261444	3.44%	0.048%
133	6.964	6.948	6.980	HH	19063	307904	4.05%	0.056%
134	7.006	6.980	7.024	HH	23810	472106	6.20%	0.086%
135	7.038	7.024	7.049	HH	17470	248160	3.26%	0.045%
136	7.062	7.049	7.081	HH	22831	341869	4.49%	0.062%
137	7.100	7.081	7.134	HH	26192	625614	8.22%	0.114%
138	7.150	7.134	7.155	HH	17953	211548	2.78%	0.039%
139	7.172	7.155	7.190	HH	30562	469920	6.18%	0.086%
140	7.196	7.190	7.208	HH	16513	166462	2.19%	0.030%
141	7.223	7.208	7.234	HH	17541	256657	3.37%	0.047%

rteres								
142	7.249	7.234	7.263	HH	17949	289821	3.81%	0.053%
143	7.298	7.263	7.315	HH	23741	625160	8.22%	0.114%
144	7.323	7.315	7.337	HH	20404	237960	3.13%	0.043%
145	7.351	7.337	7.359	HH	18263	238409	3.13%	0.044%
146	7.375	7.359	7.396	HH	21390	440675	5.79%	0.081%
147	7.416	7.396	7.435	HH	31572	570199	7.49%	0.104%
148	7.467	7.435	7.503	HH	33931	1031357	13.55%	0.188%
149	7.518	7.503	7.534	HH	22282	387642	5.09%	0.071%
150	7.557	7.534	7.581	HH	28316	696388	9.15%	0.127%
151	7.592	7.581	7.604	HH	26639	340076	4.47%	0.062%
152	7.609	7.604	7.624	HH	23462	258424	3.40%	0.047%
153	7.634	7.624	7.661	HH	21086	447033	5.87%	0.082%
154	7.712	7.661	7.720	HH	33368	970103	12.75%	0.177%
155	7.740	7.720	7.774	HH	38284	1041328	13.68%	0.190%
156	7.794	7.774	7.805	HH	26098	473308	6.22%	0.086%
157	7.833	7.805	7.864	HH	31982	998011	13.11%	0.182%
158	7.884	7.864	7.904	HH	33921	692045	9.09%	0.126%
159	7.924	7.904	7.950	HH	35556	841980	11.06%	0.154%
160	7.963	7.950	7.979	HH	28895	449615	5.91%	0.082%
161	8.008	7.979	8.022	HH	30100	714258	9.39%	0.131%
162	8.028	8.022	8.038	HH	26719	259224	3.41%	0.047%
163	8.059	8.038	8.083	HH	32201	786295	10.33%	0.144%
164	8.110	8.083	8.128	HH	35766	868679	11.42%	0.159%
165	8.133	8.128	8.144	HH	31177	293277	3.85%	0.054%
166	8.159	8.144	8.166	HH	33781	418930	5.51%	0.077%
167	8.177	8.166	8.189	HH	34359	464818	6.11%	0.085%
168	8.213	8.189	8.234	HH	41348	976793	12.84%	0.178%
169	8.258	8.234	8.273	HH	41478	873374	11.48%	0.160%
170	8.285	8.273	8.297	HH	38711	557097	7.32%	0.102%
171	8.317	8.297	8.333	HH	62594	1050450	13.80%	0.192%
172	8.360	8.333	8.374	HH	47227	1073015	14.10%	0.196%
173	8.383	8.374	8.404	HH	44949	738826	9.71%	0.135%
174	8.426	8.404	8.441	HH	43835	901974	11.85%	0.165%
175	8.467	8.441	8.497	HH	43531	1382954	18.17%	0.253%
176	8.526	8.497	8.554	HH	46404	1360042	17.87%	0.249%
177	8.582	8.554	8.593	HH	43427	949314	12.48%	0.173%
178	8.620	8.593	8.641	HH	66451	1483706	19.50%	0.271%
179	8.679	8.641	8.708	HH	53769	2027465	26.64%	0.370%
180	8.737	8.708	8.756	HH	52119	1421709	18.68%	0.260%
181	8.782	8.756	8.803	HH	58020	1474709	19.38%	0.269%
182	8.817	8.803	8.830	HH	50045	771939	10.14%	0.141%
183	8.862	8.830	8.872	HH	54311	1308116	17.19%	0.239%
184	8.891	8.872	8.907	HH	60378	1216902	15.99%	0.222%
185	8.924	8.907	8.934	HH	63147	955132	12.55%	0.175%
186	8.946	8.934	8.974	HH	66030	1462366	19.22%	0.267%
187	8.979	8.974	8.989	HH	56756	507148	6.66%	0.093%
188	9.001	8.989	9.017	HH	57380	940317	12.36%	0.172%
189	9.038	9.017	9.050	HH	65052	1232376	16.19%	0.225%
190	9.078	9.050	9.097	HH	74534	1867001	24.53%	0.341%
191	9.121	9.097	9.138	HH	67913	1609769	21.15%	0.294%
192	9.147	9.138	9.153	HH	67300	604631	7.95%	0.110%
193	9.165	9.153	9.176	HH	69065	910966	11.97%	0.166%
194	9.195	9.176	9.212	HH	78771	1586284	20.85%	0.290%

rteres								
195	9.237	9.212	9.258	HH	82084	2020225	26.55%	0.369%
196	9.301	9.258	9.319	HH	78607	2689371	35.34%	0.491%
197	9.345	9.319	9.352	HH	76654	1419856	18.66%	0.259%
198	9.405	9.352	9.428	HH	87803	3672055	48.25%	0.671%
199	9.440	9.428	9.444	HH	80423	764299	10.04%	0.140%
200	9.474	9.444	9.489	HH	103551	2550877	33.52%	0.466%
201	9.494	9.489	9.513	HH	98574	1342066	17.64%	0.245%
202	9.532	9.513	9.557	HH	101894	2482333	32.62%	0.454%
203	9.587	9.557	9.601	HH	98182	2437515	32.03%	0.445%
204	9.607	9.601	9.631	HH	95571	1620904	21.30%	0.296%
205	9.655	9.631	9.666	HH	93388	1900244	24.97%	0.347%
206	9.683	9.666	9.699	HH	97913	1882032	24.73%	0.344%
207	9.720	9.699	9.754	HH	107689	3319668	43.62%	0.607%
208	9.769	9.754	9.780	HH	96709	1522926	20.01%	0.278%
209	9.830	9.780	9.842	HH	110546	3810567	50.08%	0.696%
210	9.859	9.842	9.866	HH	110969	1592142	20.92%	0.291%
211	9.879	9.866	9.889	HH	111492	1508651	19.83%	0.276%
212	9.907	9.889	9.934	HH	119999	3123303	41.04%	0.571%
213	9.950	9.934	9.998	HH	118791	4349346	57.16%	0.795%
214	10.027	9.998	10.032	HH	117760	2325273	30.56%	0.425%
215	10.051	10.032	10.074	HH	122152	2942039	38.66%	0.538%
216	10.096	10.074	10.106	HH	132880	2372778	31.18%	0.434%
217	10.146	10.106	10.179	HH	140764	5783179	76.00%	1.057%
218	10.191	10.179	10.223	HH	128748	3238657	42.56%	0.592%
219	10.252	10.223	10.261	HH	139158	2993002	39.33%	0.547%
220	10.294	10.261	10.316	HH	144146	4509639	59.26%	0.824%
221	10.373	10.316	10.407	HH	154515	7609692	100.00%	1.390%
222	10.421	10.407	10.437	HH	138059	2494510	32.78%	0.456%
223	10.456	10.437	10.470	HH	149496	2851631	37.47%	0.521%
224	10.483	10.470	10.509	HH	148604	3322490	43.66%	0.607%
225	10.520	10.509	10.535	HH	139783	2145372	28.19%	0.392%
226	10.550	10.535	10.565	HH	144938	2524589	33.18%	0.461%
227	10.583	10.565	10.599	HH	148070	2811685	36.95%	0.514%
228	10.623	10.599	10.658	HH	148931	5053557	66.41%	0.923%
229	10.685	10.658	10.703	HH	140905	3722768	48.92%	0.680%
230	10.717	10.703	10.724	HH	142073	1779419	23.38%	0.325%
231	10.738	10.724	10.783	HH	144051	4879101	64.12%	0.892%
232	10.799	10.783	10.811	HH	134148	2211808	29.07%	0.404%
233	10.839	10.811	10.850	HH	144530	3238936	42.56%	0.592%
234	10.859	10.850	10.881	HH	143992	2608617	34.28%	0.477%
235	10.927	10.881	10.957	HH	147028	6511513	85.57%	1.190%
236	10.968	10.957	10.973	HH	138829	1339629	17.60%	0.245%
237	10.991	10.973	11.002	HH	142918	2434408	31.99%	0.445%
238	11.006	11.002	11.022	HH	141232	1646407	21.64%	0.301%
239	11.030	11.022	11.048	HH	139188	2133592	28.04%	0.390%
240	11.064	11.048	11.092	HH	139812	3565348	46.85%	0.651%
241	11.101	11.092	11.129	HH	135766	2982580	39.19%	0.545%
242	11.147	11.129	11.171	HH	140763	3397199	44.64%	0.621%
243	11.176	11.171	11.196	HH	131251	1966358	25.84%	0.359%
244	11.218	11.196	11.241	HH	135676	3547357	46.62%	0.648%
245	11.293	11.241	11.305	HH	136689	5152469	67.71%	0.941%
246	11.325	11.305	11.348	HH	138267	3415382	44.88%	0.624%

rteres								
247	11.375	11.348	11.411	HH	137370	4898485	64.37%	0.895%
248	11.451	11.411	11.467	HH	130163	4281595	56.27%	0.782%
249	11.485	11.467	11.547	HH	136184	6119864	80.42%	1.118%
250	11.553	11.547	11.570	HH	122883	1636364	21.50%	0.299%
251	11.582	11.570	11.602	HH	121996	2296490	30.18%	0.420%
252	11.617	11.602	11.637	HH	122669	2553112	33.55%	0.467%
253	11.653	11.637	11.661	HH	116451	1615999	21.24%	0.295%
254	11.673	11.661	11.677	HH	117128	1114454	14.65%	0.204%
255	11.683	11.677	11.692	HH	118256	1062279	13.96%	0.194%
256	11.699	11.692	11.704	HH	118497	847950	11.14%	0.155%
257	11.713	11.704	11.739	HH	119152	2436635	32.02%	0.445%
258	11.752	11.739	11.758	HH	118302	1368995	17.99%	0.250%
259	11.777	11.758	11.804	HH	119911	3215739	42.26%	0.588%
260	11.822	11.804	11.855	HH	113289	3377272	44.38%	0.617%
261	11.886	11.855	11.902	HH	110315	3069832	40.34%	0.561%
262	11.921	11.902	11.939	HH	111262	2405575	31.61%	0.440%
263	11.943	11.939	11.964	HH	110522	1625371	21.36%	0.297%
264	11.987	11.964	12.027	HH	112210	4136058	54.35%	0.756%
265	12.056	12.027	12.077	HH	111459	3223884	42.37%	0.589%
266	12.088	12.077	12.139	HH	109124	3951149	51.92%	0.722%
267	12.157	12.139	12.161	HH	106014	1393449	18.31%	0.255%
268	12.167	12.161	12.187	HH	106572	1618141	21.26%	0.296%
269	12.205	12.187	12.225	HH	105461	2387526	31.37%	0.436%
270	12.230	12.225	12.237	HH	103948	724803	9.52%	0.132%
271	12.261	12.237	12.324	HH	160735	6184524	81.27%	1.130%
272	12.334	12.324	12.358	HH	105348	2098560	27.58%	0.383%
273	12.391	12.358	12.432	HH	107097	4568831	60.04%	0.835%
274	12.449	12.432	12.457	HH	101179	1497528	19.68%	0.274%
275	12.471	12.457	12.509	HH	103663	3125740	41.08%	0.571%
276	12.525	12.509	12.547	HH	100861	2282577	30.00%	0.417%
277	12.552	12.547	12.583	HH	97850	2059157	27.06%	0.376%
278	12.601	12.583	12.605	HH	95991	1262395	16.59%	0.231%
279	12.618	12.605	12.634	HH	97722	1635252	21.49%	0.299%
280	12.647	12.634	12.672	HH	98452	2184000	28.70%	0.399%
281	12.692	12.672	12.718	HH	98538	2591527	34.06%	0.474%
282	12.732	12.718	12.747	HH	92582	1591612	20.92%	0.291%
283	12.778	12.747	12.827	HH	93532	4405978	57.90%	0.805%
284	12.846	12.827	12.862	HH	94867	1924316	25.29%	0.352%
285	12.875	12.862	12.897	HH	91143	1857243	24.41%	0.339%
286	12.909	12.897	12.930	HH	92579	1789101	23.51%	0.327%
287	12.946	12.930	12.952	HH	89428	1166030	15.32%	0.213%
288	12.971	12.952	12.983	HH	91234	1704519	22.40%	0.311%
289	12.989	12.983	13.016	HH	89875	1707456	22.44%	0.312%
290	13.027	13.016	13.033	HH	86632	882123	11.59%	0.161%
291	13.038	13.033	13.043	HH	86665	526651	6.92%	0.096%
292	13.056	13.043	13.072	HH	86631	1517145	19.94%	0.277%
293	13.083	13.072	13.088	HH	85373	791813	10.41%	0.145%
294	13.092	13.088	13.111	HH	84969	1177503	15.47%	0.215%
295	13.128	13.111	13.151	HH	83827	1977802	25.99%	0.361%
296	13.158	13.151	13.176	HH	82440	1222022	16.06%	0.223%
297	13.188	13.176	13.196	HH	82684	977497	12.85%	0.179%
298	13.217	13.196	13.234	HH	85260	1918854	25.22%	0.351%
299	13.241	13.234	13.259	HH	83762	1247166	16.39%	0.228%

					rteres			
300	13.266	13.259	13.270	HH	83336	559494	7.35%	0.102%
301	13.275	13.270	13.294	HH	83510	1178262	15.48%	0.215%
302	13.299	13.294	13.305	HH	81384	555517	7.30%	0.102%
303	13.318	13.305	13.323	HH	81174	870533	11.44%	0.159%
304	13.342	13.323	13.381	HH	81840	2751590	36.16%	0.503%
305	13.397	13.381	13.416	HH	78237	1661504	21.83%	0.304%
306	13.421	13.416	13.442	HH	77503	1210604	15.91%	0.221%
307	13.475	13.442	13.526	HH	92960	4038501	53.07%	0.738%
308	13.547	13.526	13.559	HH	76312	1498254	19.69%	0.274%
309	13.583	13.559	13.592	HH	76910	1528263	20.08%	0.279%
310	13.600	13.592	13.616	HH	76251	1054269	13.85%	0.193%
311	13.620	13.616	13.626	HH	75043	449896	5.91%	0.082%
312	13.637	13.626	13.657	HH	75471	1417215	18.62%	0.259%
313	13.668	13.657	13.691	HH	75310	1496494	19.67%	0.273%
314	13.700	13.691	13.719	HH	73268	1218578	16.01%	0.223%
315	13.758	13.719	13.774	HH	75766	2426493	31.89%	0.443%
316	13.783	13.774	13.807	HH	73945	1445950	19.00%	0.264%
317	13.813	13.807	13.821	HH	72387	594633	7.81%	0.109%
318	13.824	13.821	13.841	HH	72021	869369	11.42%	0.159%
319	13.847	13.841	13.850	HH	71149	361036	4.74%	0.066%
320	13.852	13.850	13.875	HH	71172	1085631	14.27%	0.198%
321	13.882	13.875	13.917	HH	70080	1761280	23.15%	0.322%
322	13.941	13.917	13.977	HH	71081	2517309	33.08%	0.460%
323	13.983	13.977	13.987	HH	68868	412474	5.42%	0.075%
324	14.003	13.987	14.024	HH	69325	1513014	19.88%	0.276%
325	14.048	14.024	14.057	HH	69390	1339765	17.61%	0.245%
326	14.062	14.057	14.098	HH	69094	1711166	22.49%	0.313%
327	14.114	14.098	14.133	HH	68205	1405413	18.47%	0.257%
328	14.144	14.133	14.155	HH	67647	902737	11.86%	0.165%
329	14.161	14.155	14.168	HH	67383	516606	6.79%	0.094%
330	14.175	14.168	14.189	HH	67323	842917	11.08%	0.154%
331	14.207	14.189	14.227	HH	70477	1547565	20.34%	0.283%
332	14.236	14.227	14.260	HH	67391	1329461	17.47%	0.243%
333	14.265	14.260	14.272	HH	65872	462778	6.08%	0.085%
334	14.279	14.272	14.292	HH	66256	808018	10.62%	0.148%
335	14.298	14.292	14.301	HH	65499	328379	4.32%	0.060%
336	14.306	14.301	14.342	HH	65774	1628027	21.39%	0.297%
337	14.351	14.342	14.379	HH	65197	1420154	18.66%	0.259%
338	14.385	14.379	14.399	HH	64404	754782	9.92%	0.138%
339	14.415	14.399	14.436	HH	64303	1431857	18.82%	0.262%
340	14.450	14.436	14.461	HH	63858	940034	12.35%	0.172%
341	14.479	14.461	14.506	HH	63812	1712180	22.50%	0.313%
342	14.510	14.506	14.516	HH	63012	384322	5.05%	0.070%
343	14.526	14.516	14.551	HH	63160	1311011	17.23%	0.240%
344	14.576	14.551	14.606	HH	62903	2041888	26.83%	0.373%
345	14.610	14.606	14.614	HH	61681	307918	4.05%	0.056%
346	14.617	14.614	14.623	HH	61792	334282	4.39%	0.061%
347	14.636	14.623	14.644	HH	61603	759473	9.98%	0.139%
348	14.648	14.644	14.658	HH	61175	515112	6.77%	0.094%
349	14.663	14.658	14.672	HH	61175	532188	6.99%	0.097%
350	14.714	14.672	14.752	HH	259987	5629229	73.97%	1.029%
351	14.764	14.752	14.788	HH	61656	1301523	17.10%	0.238%

					rteres			
352	14.797	14.788	14.812	HH	59753	849129	11.16%	0.155%
353	14.831	14.812	14.845	HH	59553	1180550	15.51%	0.216%
354	14.860	14.845	14.864	HH	58878	664076	8.73%	0.121%
355	14.884	14.864	14.901	HH	60118	1307379	17.18%	0.239%
356	14.908	14.901	14.949	HH	59749	1712778	22.51%	0.313%
357	14.961	14.949	14.977	HH	58474	982621	12.91%	0.180%
358	14.984	14.977	14.999	HH	58249	768369	10.10%	0.140%
359	15.009	14.999	15.054	HH	58109	1873018	24.61%	0.342%
360	15.062	15.054	15.083	HH	57265	1007172	13.24%	0.184%
361	15.098	15.083	15.111	HH	56696	933883	12.27%	0.171%
362	15.123	15.111	15.137	HH	56902	890543	11.70%	0.163%
363	15.146	15.137	15.160	HH	56420	781662	10.27%	0.143%
364	15.174	15.160	15.231	HH	56672	2371466	31.16%	0.433%
365	15.234	15.231	15.247	HH	55733	531457	6.98%	0.097%
366	15.300	15.247	15.350	HH	122490	4355471	57.24%	0.796%
367	15.354	15.350	15.389	HH	55223	1290732	16.96%	0.236%
368	15.398	15.389	15.417	HH	54365	914832	12.02%	0.167%
369	15.435	15.417	15.480	HH	54801	2037798	26.78%	0.372%
370	15.515	15.480	15.566	HH	56300	2777785	36.50%	0.508%
371	15.574	15.566	15.593	HH	52640	825658	10.85%	0.151%
372	15.597	15.593	15.606	HH	51973	428857	5.64%	0.078%
373	15.610	15.606	15.621	HH	51953	463452	6.09%	0.085%
374	15.643	15.621	15.669	HH	51957	1486520	19.53%	0.272%
375	15.673	15.669	15.696	HH	51450	820631	10.78%	0.150%
376	15.700	15.696	15.711	HH	51116	452090	5.94%	0.083%
377	15.727	15.711	15.761	HH	51306	1525025	20.04%	0.279%
378	15.765	15.761	15.797	HH	50476	1091258	14.34%	0.199%
379	15.818	15.797	15.843	HH	51334	1393607	18.31%	0.255%
380	15.853	15.843	15.870	HH	49606	791675	10.40%	0.145%
381	15.877	15.870	15.916	HH	49397	1342413	17.64%	0.245%
382	15.940	15.916	16.009	HH	49529	2718863	35.73%	0.497%
383	16.014	16.009	16.037	HH	48036	806861	10.60%	0.147%
384	16.042	16.037	16.059	HH	47642	626569	8.23%	0.114%
385	16.066	16.059	16.071	HH	47252	330443	4.34%	0.060%
386	16.076	16.071	16.082	HH	47265	325038	4.27%	0.059%
387	16.088	16.082	16.103	HH	47289	583164	7.66%	0.107%
388	16.112	16.103	16.175	HH	46891	2003138	26.32%	0.366%
389	16.184	16.175	16.194	HH	46315	537563	7.06%	0.098%
390	16.201	16.194	16.223	HH	46246	809680	10.64%	0.148%
391	16.250	16.223	16.289	HH	46145	1804112	23.71%	0.330%
392	16.314	16.289	16.369	HH	50260	2226427	29.26%	0.407%
393	16.384	16.369	16.407	HH	45331	1026228	13.49%	0.188%
394	16.424	16.407	16.476	HH	45063	1807818	23.76%	0.330%
395	16.507	16.476	16.537	HH	43495	1588350	20.87%	0.290%
396	16.547	16.537	16.564	HH	42457	683542	8.98%	0.125%
397	16.569	16.564	16.576	HH	42288	294870	3.87%	0.054%
398	16.584	16.576	16.643	HH	42199	1678661	22.06%	0.307%
399	16.650	16.643	16.657	HH	41449	354481	4.66%	0.065%
400	16.681	16.657	16.767	HH	42763	2724690	35.81%	0.498%
401	16.773	16.767	16.775	HH	40271	192211	2.53%	0.035%
402	16.787	16.775	16.867	HH	40533	2181877	28.67%	0.399%
403	16.891	16.867	16.957	HH	40038	2105885	27.67%	0.385%
404	16.969	16.957	17.064	HH	38312	2393858	31.46%	0.437%

					rteres			
405	17.069	17.064	17.127	HH	36727	1379430	18.13%	0.252%
406	17.130	17.127	17.211	HH	35980	1791183	23.54%	0.327%
407	17.218	17.211	17.227	HH	35096	331581	4.36%	0.061%
408	17.232	17.227	17.237	HH	34983	216485	2.84%	0.040%
409	17.257	17.237	17.311	HH	36639	1543405	20.28%	0.282%
410	17.339	17.311	17.407	HH	36698	1981306	26.04%	0.362%
411	17.426	17.407	17.563	HH	33088	2991811	39.32%	0.547%
412	17.567	17.563	17.596	HH	31299	616292	8.10%	0.113%
413	17.601	17.596	17.605	HH	30939	165755	2.18%	0.030%
414	17.613	17.605	17.617	HH	30955	234723	3.08%	0.043%
415	17.622	17.617	17.651	HH	30942	610748	8.03%	0.112%
416	17.659	17.651	17.691	HH	30354	721771	9.48%	0.132%
417	17.709	17.691	17.726	HH	30428	637366	8.38%	0.116%
418	17.738	17.726	17.761	HH	30407	631519	8.30%	0.115%
419	17.779	17.761	17.844	HH	31111	1468345	19.30%	0.268%
420	17.871	17.844	17.934	HH	29223	1537381	20.20%	0.281%
421	17.947	17.934	17.982	HH	27752	794273	10.44%	0.145%
422	18.016	17.982	18.039	HH	28263	936760	12.31%	0.171%
423	18.044	18.039	18.079	HH	27071	641154	8.43%	0.117%
424	18.140	18.079	18.183	HH	46042	1962437	25.79%	0.359%
425	18.205	18.183	18.296	HH	29620	1769409	23.25%	0.323%
426	18.301	18.296	18.331	HH	24763	519341	6.82%	0.095%
427	18.338	18.331	18.379	HH	24315	692226	9.10%	0.126%
428	18.385	18.379	18.401	HH	23950	310321	4.08%	0.057%
429	18.413	18.401	18.433	HH	23950	455511	5.99%	0.083%
430	18.438	18.433	18.481	HH	23636	679869	8.93%	0.124%
431	18.484	18.481	18.491	HH	23490	142342	1.87%	0.026%
432	18.505	18.491	18.541	HH	23507	693105	9.11%	0.127%
433	18.558	18.541	18.580	HH	23730	553246	7.27%	0.101%
434	18.608	18.580	18.686	HH	26928	1514073	19.90%	0.277%
435	18.712	18.686	18.749	HH	23449	872516	11.47%	0.159%
436	18.755	18.749	18.758	HH	22473	113689	1.49%	0.021%
437	18.766	18.758	18.832	HH	22558	981985	12.90%	0.179%
438	18.838	18.832	18.867	HH	21545	459411	6.04%	0.084%
439	18.886	18.867	18.922	HH	21764	706762	9.29%	0.129%
440	18.969	18.922	19.002	HH	31639	1202423	15.80%	0.220%
441	19.028	19.002	19.074	HH	23972	971607	12.77%	0.178%
442	19.097	19.074	19.120	HH	21234	585482	7.69%	0.107%
443	19.124	19.120	19.129	HH	21094	111434	1.46%	0.020%
444	19.169	19.129	19.199	HH	21504	889174	11.68%	0.162%
445	19.206	19.199	19.237	HH	21184	480852	6.32%	0.088%
446	19.254	19.237	19.290	HH	21133	665026	8.74%	0.122%
447	19.315	19.290	19.352	HH	21303	774855	10.18%	0.142%
448	19.398	19.352	19.422	HH	21948	903281	11.87%	0.165%
449	19.427	19.422	19.433	HH	20892	127494	1.68%	0.023%
450	19.476	19.433	19.492	HH	21972	757032	9.95%	0.138%
451	19.512	19.492	19.550	HH	22709	769050	10.11%	0.141%
452	19.579	19.550	19.631	HH	22640	1048613	13.78%	0.192%
453	19.636	19.631	19.644	HH	21350	172421	2.27%	0.032%
454	19.651	19.644	19.658	HH	21410	182140	2.39%	0.033%
455	19.690	19.658	19.724	HH	22195	857040	11.26%	0.157%
456	19.771	19.724	19.827	HH	24374	1415452	18.60%	0.259%

rteres								
457	19.833	19.827	19.840	HH	22349	171804	2.26%	0.031%
458	19.924	19.840	19.931	HH	22602	1214017	15.95%	0.222%
459	19.991	19.931	19.997	HH	23698	921472	12.11%	0.168%
460	20.000	19.997	20.006	HH	23670	118224	1.55%	0.022%
461	20.024	20.006	20.064	HH	24042	834992	10.97%	0.153%
462	20.145	20.064	20.162	HH	24692	1414941	18.59%	0.259%
463	20.185	20.162	20.211	HH	25054	721203	9.48%	0.132%
464	20.216	20.211	20.219	HH	24678	120597	1.58%	0.022%
465	20.264	20.219	20.268	HH	25145	733866	9.64%	0.134%
466	20.308	20.268	20.332	HH	26321	989200	13.00%	0.181%
467	20.419	20.332	20.425	HH	26415	1457028	19.15%	0.266%
468	20.499	20.425	20.567	HH	28601	2340480	30.76%	0.428%
469	20.575	20.567	20.584	HH	27294	270819	3.56%	0.049%
470	20.592	20.584	20.597	HH	27350	208862	2.74%	0.038%
471	20.605	20.597	20.622	HH	27384	407789	5.36%	0.075%
472	20.672	20.622	20.716	HH	28203	1574312	20.69%	0.288%
473	20.730	20.716	20.734	HH	27643	295768	3.89%	0.054%
474	20.744	20.734	20.752	HH	27796	304321	4.00%	0.056%
475	20.758	20.752	20.786	HH	27710	555852	7.30%	0.102%
476	20.822	20.786	20.827	HH	27738	688534	9.05%	0.126%
477	20.831	20.827	20.849	HH	27761	359987	4.73%	0.066%
478	20.894	20.849	20.950	HH	27957	1676724	22.03%	0.306%
479	20.955	20.950	20.971	HH	27577	342533	4.50%	0.063%
480	20.976	20.971	20.980	HH	27380	147756	1.94%	0.027%
481	20.990	20.980	21.004	HH	27416	404333	5.31%	0.074%
482	21.013	21.004	21.034	HH	27349	490771	6.45%	0.090%
483	21.043	21.034	21.050	HH	27327	251713	3.31%	0.046%
484	21.054	21.050	21.059	HH	27346	152799	2.01%	0.028%
485	21.064	21.059	21.068	HH	27266	149229	1.96%	0.027%
486	21.073	21.068	21.089	HH	27186	334816	4.40%	0.061%
487	21.093	21.089	21.127	HH	27195	617379	8.11%	0.113%
488	21.151	21.127	21.167	HH	27197	662318	8.70%	0.121%
489	21.174	21.167	21.189	HH	27208	354507	4.66%	0.065%
490	21.216	21.189	21.304	HH	27484	1867737	24.54%	0.341%
491	21.310	21.304	21.316	HH	26689	180852	2.38%	0.033%
492	21.334	21.316	21.349	HH	26812	534065	7.02%	0.098%
493	21.359	21.349	21.373	HH	26583	384896	5.06%	0.070%
494	21.390	21.373	21.406	HH	26582	513280	6.75%	0.094%
495	21.412	21.406	21.431	HH	26657	403715	5.31%	0.074%
496	21.436	21.431	21.459	HH	26489	451776	5.94%	0.083%
497	21.464	21.459	21.482	HH	26499	363278	4.77%	0.066%
498	21.487	21.482	21.515	HH	26337	515530	6.77%	0.094%
499	21.520	21.515	21.527	HH	26430	195967	2.58%	0.036%
500	21.536	21.527	21.592	HH	26391	1027424	13.50%	0.188%
501	21.596	21.592	21.604	HH	26380	184225	2.42%	0.034%
502	21.607	21.604	21.631	HH	26294	429960	5.65%	0.079%
503	21.638	21.631	21.646	HH	26250	227971	3.00%	0.042%
504	21.651	21.646	21.684	HH	26283	604763	7.95%	0.111%
505	21.692	21.684	21.706	HH	26170	333607	4.38%	0.061%
506	21.715	21.706	21.718	HH	26164	197521	2.60%	0.036%
507	21.724	21.718	21.738	HH	26151	302406	3.97%	0.055%
508	21.746	21.738	21.757	HH	26101	301007	3.96%	0.055%
509	21.763	21.757	21.768	HH	26140	169973	2.23%	0.031%

						rteres		
510	21.784	21.768	21.789	HH	26201	334881	4.40%	0.061%
511	21.865	21.789	21.876	HH	26761	1379113	18.12%	0.252%
512	21.879	21.876	21.917	HH	26683	645789	8.49%	0.118%
513	21.925	21.917	21.931	HHA	26562	236991	3.11%	0.043%
						Sum of corrected areas:	547287830	

FF110220.M Thu Nov 19 09:12:12 2020