

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG111221\
 Data File : FG009034.D
 Signal(s) : FID1A.ch
 Acq On : 12 Nov 2021 15:14
 Sample : M4659-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG110121.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.338	2.300	2.358	BH	194	824	0.01%	0.000%
2	2.368	2.358	2.379	PH	-2	-465	-0.01%	-0.000%
3	2.383	2.379	2.390	PH	38	-173	-0.00%	-0.000%
4	2.394	2.390	2.399	PH	41	-46	-0.00%	-0.000%
5	2.409	2.399	2.438	PH	98	-511	-0.01%	-0.000%
6	2.468	2.438	2.473	PH	76	-1083	-0.02%	-0.000%
7	2.496	2.473	2.502	PH	51	-684	-0.01%	-0.000%
8	2.512	2.502	2.534	PH	-11	-1325	-0.02%	-0.000%
9	2.542	2.534	2.551	PH	-14	-660	-0.01%	-0.000%
10	2.581	2.551	2.597	PH	686	6095	0.09%	0.002%
11	2.612	2.597	2.663	HH	218	-454	-0.01%	-0.000%
12	2.665	2.663	2.673	PH	-77	-739	-0.01%	-0.000%
13	2.691	2.673	2.712	PH	139	-368	-0.01%	-0.000%
14	2.732	2.712	2.776	PH	42	-2982	-0.05%	-0.001%
15	2.791	2.776	2.823	PH	66	-879	-0.01%	-0.000%
16	2.824	2.823	2.843	PH	-47	-1599	-0.02%	-0.001%
17	2.848	2.843	2.888	PH	21	-3655	-0.06%	-0.001%
18	2.900	2.888	2.918	PH	-50	-2254	-0.04%	-0.001%
19	2.948	2.918	2.954	PH	-17	-2823	-0.04%	-0.001%
20	2.965	2.954	2.982	PH	-70	-2582	-0.04%	-0.001%
21	3.009	2.982	3.031	PH	111	-1870	-0.03%	-0.001%
22	3.037	3.031	3.043	PH	-70	-1144	-0.02%	-0.000%
23	3.052	3.043	3.060	PH	-86	-1637	-0.03%	-0.001%
24	3.087	3.060	3.097	PH	120	-1281	-0.02%	-0.000%
25	3.111	3.097	3.142	PH	209	-266	-0.00%	-0.000%
26	3.151	3.142	3.155	PH	5	-497	-0.01%	-0.000%
27	3.172	3.155	3.192	PH	2257	16230	0.25%	0.006%
28	3.215	3.192	3.244	PH	348	-85	-0.00%	-0.000%
29	3.267	3.244	3.275	PH	127	-1798	-0.03%	-0.001%
30	3.308	3.275	3.337	PH	875	11033	0.17%	0.004%
31	3.356	3.337	3.369	HH	2702	26090	0.41%	0.009%
32	3.383	3.369	3.444	HH	3721	32131	0.50%	0.011%
33	3.459	3.444	3.473	PH	260	1187	0.02%	0.000%
34	3.505	3.473	3.527	PH	1117	20493	0.32%	0.007%
35	3.542	3.527	3.566	HH	2245	32552	0.51%	0.011%
36	3.575	3.566	3.591	HH	1149	11192	0.17%	0.004%

rteres								
37	3.604	3.591	3.617	HH	1301	10711	0.17%	0.004%
38	3.637	3.617	3.661	HH	5943	58937	0.92%	0.020%
39	3.696	3.661	3.737	PH	4177	96810	1.50%	0.033%
40	3.768	3.737	3.782	HH	4790	78843	1.23%	0.027%
41	3.809	3.782	3.819	HH	4262	63288	0.98%	0.022%
42	3.830	3.819	3.845	HH	5705	55638	0.86%	0.019%
43	3.860	3.845	3.901	HH	4535	63762	0.99%	0.022%
44	3.910	3.901	3.915	HH	456	2795	0.04%	0.001%
45	3.954	3.915	4.001	HH	3996	105680	1.64%	0.037%
46	4.025	4.001	4.048	HH	5902	102360	1.59%	0.035%
47	4.061	4.048	4.065	HH	4671	39104	0.61%	0.014%
48	4.078	4.065	4.087	HH	6702	75803	1.18%	0.026%
49	4.097	4.087	4.105	HH	6988	67839	1.05%	0.023%
50	4.113	4.105	4.122	HH	7043	67979	1.06%	0.024%
51	4.128	4.122	4.147	HH	6753	81177	1.26%	0.028%
52	4.177	4.147	4.194	HH	9348	165864	2.58%	0.057%
53	4.205	4.194	4.221	HH	6802	87389	1.36%	0.030%
54	4.234	4.221	4.246	HH	7281	83173	1.29%	0.029%
55	4.258	4.246	4.262	HH	6993	57095	0.89%	0.020%
56	4.279	4.262	4.311	HH	19013	274259	4.26%	0.095%
57	4.349	4.311	4.367	HH	15949	253049	3.93%	0.087%
58	4.381	4.367	4.391	HH	8121	100666	1.56%	0.035%
59	4.407	4.391	4.414	HH	15191	162501	2.53%	0.056%
60	4.421	4.414	4.441	HH	15843	193690	3.01%	0.067%
61	4.457	4.441	4.465	HH	8569	109683	1.70%	0.038%
62	4.476	4.465	4.488	HH	11149	125475	1.95%	0.043%
63	4.505	4.488	4.551	HH	22964	413317	6.42%	0.143%
64	4.590	4.551	4.606	HH	21239	380971	5.92%	0.132%
65	4.611	4.606	4.617	HH	12648	82593	1.28%	0.029%
66	4.635	4.617	4.650	HH	36911	475869	7.40%	0.165%
67	4.659	4.650	4.678	HH	21957	307940	4.79%	0.106%
68	4.691	4.678	4.705	HH	22287	286834	4.46%	0.099%
69	4.719	4.705	4.728	HH	17389	223941	3.48%	0.077%
70	4.740	4.728	4.754	HH	21725	272186	4.23%	0.094%
71	4.767	4.754	4.780	HH	24705	284910	4.43%	0.099%
72	4.808	4.780	4.828	HH	28799	542930	8.44%	0.188%
73	4.846	4.828	4.862	HH	26759	387024	6.02%	0.134%
74	4.877	4.862	4.891	HH	19080	298942	4.65%	0.103%
75	4.917	4.891	4.936	HH	28253	562039	8.74%	0.194%
76	4.956	4.936	4.970	HH	20571	353579	5.50%	0.122%
77	4.979	4.970	4.990	HH	20761	227455	3.54%	0.079%
78	5.001	4.990	5.017	HH	19809	238791	3.71%	0.083%
79	5.064	5.017	5.078	HH	33023	776913	12.07%	0.269%
80	5.087	5.078	5.108	HH	24175	349729	5.44%	0.121%
81	5.130	5.108	5.142	HH	33742	476809	7.41%	0.165%
82	5.156	5.142	5.171	HH	50513	627665	9.76%	0.217%
83	5.185	5.171	5.194	HH	34876	436754	6.79%	0.151%
84	5.205	5.194	5.220	HH	38996	484394	7.53%	0.167%
85	5.247	5.220	5.263	HH	38770	786280	12.22%	0.272%
86	5.284	5.263	5.298	HH	33905	652454	10.14%	0.226%
87	5.316	5.298	5.322	HH	32028	433636	6.74%	0.150%
88	5.330	5.322	5.349	HH	32791	473274	7.36%	0.164%
89	5.368	5.349	5.383	HH	68234	906626	14.09%	0.313%

					rteres			
90	5.398	5.383	5.413	HH	42278	684709	10.64%	0.237%
91	5.422	5.413	5.451	HH	38466	743753	11.56%	0.257%
92	5.459	5.451	5.467	HH	28053	254045	3.95%	0.088%
93	5.502	5.467	5.524	HH	109735	1989810	30.93%	0.688%
94	5.541	5.524	5.583	HH	54991	1384024	21.51%	0.479%
95	5.603	5.583	5.617	HH	47079	785691	12.21%	0.272%
96	5.624	5.617	5.638	HH	42595	507727	7.89%	0.176%
97	5.660	5.638	5.685	HH	73123	1436626	22.33%	0.497%
98	5.711	5.685	5.725	HH	62412	1149404	17.86%	0.397%
99	5.738	5.725	5.756	HH	51029	820194	12.75%	0.284%
100	5.784	5.756	5.810	HH	54798	1422122	22.10%	0.492%
101	5.827	5.810	5.860	HH	58018	1348666	20.96%	0.466%
102	5.888	5.860	5.912	HH	83693	1747252	27.16%	0.604%
103	5.937	5.912	5.957	HH	72978	1398812	21.74%	0.484%
104	5.993	5.957	6.023	HH	84646	2639424	41.02%	0.913%
105	6.034	6.023	6.058	HH	60386	1161711	18.06%	0.402%
106	6.092	6.058	6.117	HH	103919	2834548	44.05%	0.980%
107	6.126	6.117	6.142	HH	74741	1004395	15.61%	0.347%
108	6.163	6.142	6.186	HH	79795	1859978	28.91%	0.643%
109	6.207	6.186	6.211	HH	102682	1259942	19.58%	0.436%
110	6.220	6.211	6.247	HH	106615	1980463	30.78%	0.685%
111	6.267	6.247	6.293	HH	96385	2202281	34.23%	0.762%
112	6.307	6.293	6.320	HH	67383	1047356	16.28%	0.362%
113	6.344	6.320	6.361	HH	131293	2364539	36.75%	0.818%
114	6.389	6.361	6.407	HH	114147	2553995	39.69%	0.883%
115	6.421	6.407	6.441	HH	117677	1949837	30.30%	0.674%
116	6.445	6.441	6.468	HH	79386	1138607	17.70%	0.394%
117	6.484	6.468	6.493	HH	86284	1134959	17.64%	0.392%
118	6.499	6.493	6.514	HH	80346	935658	14.54%	0.324%
119	6.529	6.514	6.540	HH	74645	1103500	17.15%	0.382%
120	6.557	6.540	6.568	HH	84256	1323945	20.58%	0.458%
121	6.578	6.568	6.604	HH	81660	1686672	26.21%	0.583%
122	6.655	6.604	6.677	HH	188813	4939445	76.77%	1.708%
123	6.700	6.677	6.713	HH	87806	1724537	26.80%	0.596%
124	6.731	6.713	6.753	HH	118347	2341813	36.40%	0.810%
125	6.772	6.753	6.783	HH	101087	1691651	26.29%	0.585%
126	6.797	6.783	6.817	HH	124937	2074949	32.25%	0.717%
127	6.831	6.817	6.838	HH	90618	1116950	17.36%	0.386%
128	6.853	6.838	6.881	HH	103559	2382282	37.03%	0.824%
129	6.926	6.881	6.948	HH	121117	4120632	64.04%	1.425%
130	6.966	6.948	6.978	HH	136822	2138043	33.23%	0.739%
131	6.990	6.978	7.006	HH	147195	2137374	33.22%	0.739%
132	7.023	7.006	7.051	HH	142787	3130971	48.66%	1.083%
133	7.071	7.051	7.099	HH	114005	2994147	46.53%	1.035%
134	7.118	7.099	7.147	HH	113990	2805256	43.60%	0.970%
135	7.188	7.147	7.211	HH	189248	4813754	74.81%	1.665%
136	7.223	7.211	7.239	HH	131614	1876729	29.17%	0.649%
137	7.273	7.239	7.312	HH	127950	4599895	71.49%	1.591%
138	7.316	7.312	7.333	HH	97596	1185969	18.43%	0.410%
139	7.357	7.333	7.390	HH	119087	3471219	53.95%	1.200%
140	7.407	7.390	7.421	HH	105606	1818498	28.26%	0.629%
141	7.441	7.421	7.462	HH	115338	2513321	39.06%	0.869%

rteres								
142	7.483	7.462	7.508	HH	115818	2802730	43.56%	0.969%
143	7.526	7.508	7.538	HH	121642	1983581	30.83%	0.686%
144	7.575	7.538	7.634	HH	140644	6434235	100.00%	2.225%
145	7.651	7.634	7.668	HH	113197	1958734	30.44%	0.677%
146	7.684	7.668	7.754	HH	135668	5436136	84.49%	1.880%
147	7.773	7.754	7.793	HH	99241	2152311	33.45%	0.744%
148	7.798	7.793	7.802	HH	89191	480277	7.46%	0.166%
149	7.826	7.802	7.846	HH	130513	2872222	44.64%	0.993%
150	7.854	7.846	7.857	HH	103474	704034	10.94%	0.243%
151	7.862	7.857	7.885	HH	104771	1648958	25.63%	0.570%
152	7.912	7.885	7.933	HH	109455	2949647	45.84%	1.020%
153	7.949	7.933	7.957	HH	116789	1668078	25.93%	0.577%
154	7.965	7.957	7.980	HH	115946	1495322	23.24%	0.517%
155	8.005	7.980	8.025	HH	159965	3402339	52.88%	1.176%
156	8.036	8.025	8.059	HH	99605	1995310	31.01%	0.690%
157	8.069	8.059	8.087	HH	96539	1549674	24.08%	0.536%
158	8.109	8.087	8.122	HH	104136	2089432	32.47%	0.722%
159	8.140	8.122	8.168	HH	138718	3099980	48.18%	1.072%
160	8.194	8.168	8.203	HH	91838	1812704	28.17%	0.627%
161	8.226	8.203	8.234	HH	99120	1754634	27.27%	0.607%
162	8.241	8.234	8.246	HH	99386	686843	10.67%	0.237%
163	8.254	8.246	8.282	HH	99867	2078052	32.30%	0.719%
164	8.285	8.282	8.297	HH	95851	837572	13.02%	0.290%
165	8.307	8.297	8.322	HH	94171	1401587	21.78%	0.485%
166	8.343	8.322	8.365	HH	92936	2244634	34.89%	0.776%
167	8.384	8.365	8.396	HH	91403	1598435	24.84%	0.553%
168	8.429	8.396	8.447	HH	163195	3573771	55.54%	1.236%
169	8.451	8.447	8.472	HH	108093	1513494	23.52%	0.523%
170	8.484	8.472	8.499	HH	94992	1455381	22.62%	0.503%
171	8.515	8.499	8.527	HH	106358	1658399	25.77%	0.573%
172	8.538	8.527	8.586	HH	100241	3121335	48.51%	1.079%
173	8.619	8.586	8.633	HH	85591	2226043	34.60%	0.770%
174	8.658	8.633	8.680	HH	96630	2374501	36.90%	0.821%
175	8.687	8.680	8.705	HH	80917	1143806	17.78%	0.396%
176	8.725	8.705	8.750	HH	130477	2566084	39.88%	0.887%
177	8.763	8.750	8.770	HH	86639	973088	15.12%	0.336%
178	8.790	8.770	8.811	HH	110030	2273858	35.34%	0.786%
179	8.839	8.811	8.863	HH	81175	2328849	36.19%	0.805%
180	8.882	8.863	8.904	HH	91495	1908081	29.66%	0.660%
181	8.924	8.904	8.955	HH	79849	2251222	34.99%	0.778%
182	8.961	8.955	8.978	HH	68846	895346	13.92%	0.310%
183	8.995	8.978	9.002	HH	68495	1006398	15.64%	0.348%
184	9.011	9.002	9.027	HH	71693	1014571	15.77%	0.351%
185	9.032	9.027	9.050	HH	64036	841199	13.07%	0.291%
186	9.072	9.050	9.093	HH	67342	1625875	25.27%	0.562%
187	9.107	9.093	9.150	HH	65298	2056839	31.97%	0.711%
188	9.171	9.150	9.203	HH	68690	1897325	29.49%	0.656%
189	9.222	9.203	9.263	HH	58255	1887548	29.34%	0.653%
190	9.268	9.263	9.272	HH	50448	272662	4.24%	0.094%
191	9.297	9.272	9.311	HH	59531	1244014	19.33%	0.430%
192	9.324	9.311	9.358	HH	57102	1458145	22.66%	0.504%
193	9.377	9.358	9.392	HH	52065	1014622	15.77%	0.351%
194	9.397	9.392	9.432	HH	50198	1170873	18.20%	0.405%

rteres								
195	9.435	9.432	9.448	HH	46228	443181	6.89%	0.153%
196	9.459	9.448	9.468	HH	49017	574843	8.93%	0.199%
197	9.484	9.468	9.519	HH	54252	1451557	22.56%	0.502%
198	9.541	9.519	9.560	HH	47608	1103948	17.16%	0.382%
199	9.571	9.560	9.622	HH	44367	1555333	24.17%	0.538%
200	9.646	9.622	9.672	HH	39210	1081903	16.81%	0.374%
201	9.709	9.672	9.737	HH	37609	1354267	21.05%	0.468%
202	9.754	9.737	9.766	HH	35383	597329	9.28%	0.207%
203	9.783	9.766	9.799	HH	34929	668241	10.39%	0.231%
204	9.816	9.799	9.829	HH	34691	603674	9.38%	0.209%
205	9.832	9.829	9.861	HH	33360	613684	9.54%	0.212%
206	9.884	9.861	9.917	HH	32577	1033481	16.06%	0.357%
207	9.926	9.917	9.941	HH	31758	437383	6.80%	0.151%
208	9.968	9.941	9.994	HH	28775	883734	13.73%	0.306%
209	9.998	9.994	10.016	HH	26765	343764	5.34%	0.119%
210	10.020	10.016	10.026	HH	25172	150759	2.34%	0.052%
211	10.037	10.026	10.045	HH	26495	298869	4.64%	0.103%
212	10.050	10.045	10.062	HH	26174	256228	3.98%	0.089%
213	10.067	10.062	10.087	HH	25426	371146	5.77%	0.128%
214	10.099	10.087	10.134	HH	25383	679097	10.55%	0.235%
215	10.149	10.134	10.163	HH	22664	382249	5.94%	0.132%
216	10.186	10.163	10.206	HH	23623	578019	8.98%	0.200%
217	10.211	10.206	10.236	HH	22223	388451	6.04%	0.134%
218	10.267	10.236	10.286	HH	22451	629483	9.78%	0.218%
219	10.292	10.286	10.318	HH	21328	401674	6.24%	0.139%
220	10.322	10.318	10.336	HH	20422	212105	3.30%	0.073%
221	10.339	10.336	10.345	HH	20520	110540	1.72%	0.038%
222	10.349	10.345	10.373	HH	20375	323786	5.03%	0.112%
223	10.410	10.373	10.436	HH	20919	710000	11.03%	0.246%
224	10.452	10.436	10.477	HH	17892	420121	6.53%	0.145%
225	10.482	10.477	10.487	HH	16561	93268	1.45%	0.032%
226	10.507	10.487	10.533	HH	17662	467069	7.26%	0.162%
227	10.539	10.533	10.564	HH	16949	303576	4.72%	0.105%
228	10.575	10.564	10.579	HH	15227	136713	2.12%	0.047%
229	10.590	10.579	10.595	HH	15315	141842	2.20%	0.049%
230	10.612	10.595	10.635	HH	16593	374687	5.82%	0.130%
231	10.640	10.635	10.667	HH	15140	283036	4.40%	0.098%
232	10.688	10.667	10.743	HH	16363	675513	10.50%	0.234%
233	10.749	10.743	10.801	HH	13727	435862	6.77%	0.151%
234	10.817	10.801	10.833	HH	12731	236523	3.68%	0.082%
235	10.846	10.833	10.872	HH	12724	282289	4.39%	0.098%
236	10.885	10.872	10.902	HH	12186	213363	3.32%	0.074%
237	10.921	10.902	10.970	HH	14256	484710	7.53%	0.168%
238	10.990	10.970	11.003	HH	10511	200210	3.11%	0.069%
239	11.015	11.003	11.018	HH	10078	87111	1.35%	0.030%
240	11.030	11.018	11.059	HH	10453	252090	3.92%	0.087%
241	11.067	11.059	11.080	HH	10082	120240	1.87%	0.042%
242	11.097	11.080	11.113	HH	10357	198235	3.08%	0.069%
243	11.122	11.113	11.129	HH	9508	91060	1.42%	0.031%
244	11.162	11.129	11.174	HH	10463	266105	4.14%	0.092%
245	11.185	11.174	11.219	HH	9651	249954	3.88%	0.086%
246	11.246	11.219	11.253	HH	9213	185342	2.88%	0.064%

					rteres			
247	11.258	11.253	11.263	HH	9227	50026	0.78%	0.017%
248	11.269	11.263	11.276	HH	9280	72853	1.13%	0.025%
249	11.289	11.276	11.299	HH	9242	129161	2.01%	0.045%
250	11.312	11.299	11.334	HH	9422	189643	2.95%	0.066%
251	11.346	11.334	11.363	HH	8781	149090	2.32%	0.052%
252	11.396	11.363	11.447	HH	10197	453692	7.05%	0.157%
253	11.455	11.447	11.463	HH	8506	83100	1.29%	0.029%
254	11.476	11.463	11.494	HH	8914	153619	2.39%	0.053%
255	11.528	11.494	11.575	HH	8811	401770	6.24%	0.139%
256	11.581	11.575	11.593	HH	8071	82721	1.29%	0.029%
257	11.617	11.593	11.652	HH	9800	309756	4.81%	0.107%
258	11.673	11.652	11.692	HH	15428	271700	4.22%	0.094%
259	11.712	11.692	11.730	HH	14468	262128	4.07%	0.091%
260	11.753	11.730	11.776	HH	23180	410554	6.38%	0.142%
261	11.785	11.776	11.804	HH	9337	152199	2.37%	0.053%
262	11.820	11.804	11.838	HH	8900	172049	2.67%	0.059%
263	11.844	11.838	11.849	HH	8046	49731	0.77%	0.017%
264	11.858	11.849	11.867	HH	8165	85396	1.33%	0.030%
265	11.869	11.867	11.874	HH	8064	33246	0.52%	0.011%
266	11.878	11.874	11.890	HH	7895	76789	1.19%	0.027%
267	11.913	11.890	11.950	HH	8631	290640	4.52%	0.100%
268	11.974	11.950	12.017	HH	14266	394167	6.13%	0.136%
269	12.042	12.017	12.059	HH	12511	254345	3.95%	0.088%
270	12.082	12.059	12.112	HH	29127	510090	7.93%	0.176%
271	12.126	12.112	12.139	HH	8567	131569	2.04%	0.045%
272	12.151	12.139	12.181	HH	9413	217486	3.38%	0.075%
273	12.202	12.181	12.222	HH	10892	231347	3.60%	0.080%
274	12.249	12.222	12.268	HH	16631	385004	5.98%	0.133%
275	12.279	12.268	12.303	HH	13869	252438	3.92%	0.087%
276	12.320	12.303	12.330	HH	14419	199518	3.10%	0.069%
277	12.348	12.330	12.371	HH	23452	402805	6.26%	0.139%
278	12.390	12.371	12.417	HH	19527	372679	5.79%	0.129%
279	12.430	12.417	12.445	HH	10380	163578	2.54%	0.057%
280	12.455	12.445	12.465	HH	8647	101702	1.58%	0.035%
281	12.482	12.465	12.518	HH	12834	281561	4.38%	0.097%
282	12.524	12.518	12.533	HH	5934	53071	0.82%	0.018%
283	12.565	12.533	12.611	HH	12243	376591	5.85%	0.130%
284	12.625	12.611	12.653	HH	6676	156206	2.43%	0.054%
285	12.672	12.653	12.682	HH	5940	96318	1.50%	0.033%
286	12.713	12.682	12.752	HH	25738	535131	8.32%	0.185%
287	12.755	12.752	12.770	HH	6287	65500	1.02%	0.023%
288	12.795	12.770	12.829	HH	6824	210916	3.28%	0.073%
289	12.841	12.829	12.858	HH	6282	103899	1.61%	0.036%
290	12.862	12.858	12.876	HH	5861	59932	0.93%	0.021%
291	12.893	12.876	12.918	HH	11436	199307	3.10%	0.069%
292	12.934	12.918	12.952	HH	5362	100714	1.57%	0.035%
293	12.961	12.952	12.983	HH	4840	88007	1.37%	0.030%
294	12.999	12.983	13.003	HH	4836	55017	0.86%	0.019%
295	13.031	13.003	13.052	HH	9943	206635	3.21%	0.071%
296	13.062	13.052	13.111	HH	6489	198520	3.09%	0.069%
297	13.140	13.111	13.171	HH	6100	181426	2.82%	0.063%
298	13.188	13.171	13.207	HH	4745	96190	1.49%	0.033%
299	13.252	13.207	13.274	HH	5543	191392	2.97%	0.066%

					rteres			
300	13.301	13.274	13.311	HH	5145	104101	1.62%	0.036%
301	13.314	13.311	13.351	HH	5102	108749	1.69%	0.038%
302	13.368	13.351	13.372	HH	4478	54072	0.84%	0.019%
303	13.383	13.372	13.400	HH	4659	73949	1.15%	0.026%
304	13.415	13.400	13.437	HH	4377	91322	1.42%	0.032%
305	13.470	13.437	13.517	HH	9286	272720	4.24%	0.094%
306	13.530	13.517	13.552	HH	4414	88254	1.37%	0.031%
307	13.581	13.552	13.613	HH	4721	153034	2.38%	0.053%
308	13.624	13.613	13.632	HH	3814	44218	0.69%	0.015%
309	13.646	13.632	13.652	HH	3919	45933	0.71%	0.016%
310	13.658	13.652	13.662	HH	4036	21210	0.33%	0.007%
311	13.667	13.662	13.688	HH	4037	61951	0.96%	0.021%
312	13.716	13.688	13.742	HH	4227	126467	1.97%	0.044%
313	13.755	13.742	13.762	HH	3714	42663	0.66%	0.015%
314	13.786	13.762	13.808	HH	3967	102845	1.60%	0.036%
315	13.826	13.808	13.860	HH	4008	115155	1.79%	0.040%
316	13.869	13.860	13.877	HH	3385	32195	0.50%	0.011%
317	13.881	13.877	13.885	HH	3377	17465	0.27%	0.006%
318	13.889	13.885	13.922	HH	3408	69087	1.07%	0.024%
319	13.947	13.922	13.967	HH	3185	82298	1.28%	0.028%
320	13.968	13.967	14.006	HH	2980	68156	1.06%	0.024%
321	14.023	14.006	14.037	HH	2963	52803	0.82%	0.018%
322	14.057	14.037	14.069	HH	2929	52703	0.82%	0.018%
323	14.083	14.069	14.100	HH	2971	53482	0.83%	0.018%
324	14.106	14.100	14.119	HH	2712	30450	0.47%	0.011%
325	14.127	14.119	14.135	HH	2659	24351	0.38%	0.008%
326	14.140	14.135	14.149	HH	2625	22039	0.34%	0.008%
327	14.153	14.149	14.178	HH	2691	45735	0.71%	0.016%
328	14.202	14.178	14.219	HH	2822	64633	1.00%	0.022%
329	14.223	14.219	14.227	HH	2653	12944	0.20%	0.004%
330	14.252	14.227	14.302	HH	3015	125960	1.96%	0.044%
331	14.306	14.302	14.338	HH	2731	54792	0.85%	0.019%
332	14.347	14.338	14.374	HH	2674	54965	0.85%	0.019%
333	14.378	14.374	14.384	HH	2469	13898	0.22%	0.005%
334	14.399	14.384	14.414	HH	2631	44272	0.69%	0.015%
335	14.488	14.414	14.560	HH	3907	249331	3.88%	0.086%
336	14.563	14.560	14.588	HH	2483	39422	0.61%	0.014%
337	14.597	14.588	14.624	HH	2345	49679	0.77%	0.017%
338	14.629	14.624	14.636	HH	2271	16581	0.26%	0.006%
339	14.662	14.636	14.696	HH	2456	82441	1.28%	0.029%
340	14.739	14.696	14.810	HH	145445	2113888	32.85%	0.731%
341	14.815	14.810	14.822	HH	2588	17522	0.27%	0.006%
342	14.826	14.822	14.832	HH	2551	16014	0.25%	0.006%
343	14.836	14.832	14.883	HH	2437	65915	1.02%	0.023%
344	14.891	14.883	14.895	HH	2030	13535	0.21%	0.005%
345	14.919	14.895	14.932	HH	2453	50050	0.78%	0.017%
346	14.944	14.932	14.971	HH	2547	53172	0.83%	0.018%
347	14.995	14.971	15.044	HH	2673	100974	1.57%	0.035%
348	15.049	15.044	15.057	HH	2107	14933	0.23%	0.005%
349	15.084	15.057	15.124	HH	2111	78078	1.21%	0.027%
350	15.141	15.124	15.172	HH	2058	53410	0.83%	0.018%
351	15.175	15.172	15.182	HH	1788	10462	0.16%	0.004%

					rteres			
352	15.185	15.182	15.192	HH	1739	10395	0.16%	0.004%
353	15.196	15.192	15.215	HH	1766	23672	0.37%	0.008%
354	15.217	15.215	15.221	HH	1670	6117	0.10%	0.002%
355	15.227	15.221	15.232	HH	1766	10151	0.16%	0.004%
356	15.243	15.232	15.264	HH	1756	31765	0.49%	0.011%
357	15.279	15.264	15.299	HH	1820	35708	0.55%	0.012%
358	15.340	15.299	15.451	HH	16572	624553	9.71%	0.216%
359	15.462	15.451	15.513	HH	2943	96434	1.50%	0.033%
360	15.539	15.513	15.582	HH	4796	121312	1.89%	0.042%
361	15.600	15.582	15.617	HH	2350	45785	0.71%	0.016%
362	15.620	15.617	15.635	HH	2184	22799	0.35%	0.008%
363	15.644	15.635	15.669	HH	2151	39941	0.62%	0.014%
364	15.674	15.669	15.679	HH	1941	11243	0.17%	0.004%
365	15.686	15.679	15.699	HH	1887	21647	0.34%	0.007%
366	15.707	15.699	15.712	HH	1926	15433	0.24%	0.005%
367	15.725	15.712	15.733	HH	1983	24051	0.37%	0.008%
368	15.759	15.733	15.786	HH	2210	63568	0.99%	0.022%
369	15.789	15.786	15.802	HH	2040	19004	0.30%	0.007%
370	15.809	15.802	15.832	HH	1935	33432	0.52%	0.012%
371	15.836	15.832	15.841	HH	1945	9305	0.14%	0.003%
372	15.875	15.841	15.919	HH	2209	95436	1.48%	0.033%
373	15.925	15.919	15.932	HH	1960	14762	0.23%	0.005%
374	15.935	15.932	15.943	HH	2066	13697	0.21%	0.005%
375	15.970	15.943	15.991	HH	2352	59201	0.92%	0.020%
376	16.007	15.991	16.022	HH	1966	35467	0.55%	0.012%
377	16.029	16.022	16.080	HH	2021	66886	1.04%	0.023%
378	16.095	16.080	16.100	HH	2003	22836	0.35%	0.008%
379	16.105	16.100	16.117	HH	2025	19834	0.31%	0.007%
380	16.122	16.117	16.128	HH	1946	13421	0.21%	0.005%
381	16.166	16.128	16.202	HH	2115	87386	1.36%	0.030%
382	16.207	16.202	16.231	HH	2000	33739	0.52%	0.012%
383	16.268	16.231	16.289	HH	2321	73372	1.14%	0.025%
384	16.305	16.289	16.310	HH	2163	26492	0.41%	0.009%
385	16.315	16.310	16.319	HH	2171	11640	0.18%	0.004%
386	16.369	16.319	16.407	HH	3486	149693	2.33%	0.052%
387	16.409	16.407	16.432	HH	3001	43490	0.68%	0.015%
388	16.453	16.432	16.484	HH	3100	83468	1.30%	0.029%
389	16.495	16.484	16.506	HH	2375	30702	0.48%	0.011%
390	16.534	16.506	16.559	HH	3317	90565	1.41%	0.031%
391	16.607	16.559	16.648	HH	4366	174625	2.71%	0.060%
392	16.653	16.648	16.693	HH	3212	78101	1.21%	0.027%
393	16.699	16.693	16.711	HH	2726	29582	0.46%	0.010%
394	16.716	16.711	16.721	HH	2682	14589	0.23%	0.005%
395	16.729	16.721	16.734	HH	2680	20854	0.32%	0.007%
396	16.738	16.734	16.746	HH	2643	18244	0.28%	0.006%
397	16.763	16.746	16.767	HH	2733	33473	0.52%	0.012%
398	16.780	16.767	16.790	HH	2883	38959	0.61%	0.013%
399	16.795	16.790	16.801	HH	2836	18154	0.28%	0.006%
400	16.811	16.801	16.825	HH	2919	40822	0.63%	0.014%
401	16.854	16.825	16.857	HH	3112	59033	0.92%	0.020%
402	16.861	16.857	16.876	HH	3055	32943	0.51%	0.011%
403	16.892	16.876	16.897	HH	3045	37063	0.58%	0.013%
404	16.922	16.897	16.948	HH	4300	112538	1.75%	0.039%

					rteres			
405	16.970	16.948	17.003	HH	5635	139927	2.17%	0.048%
406	17.006	17.003	17.042	HH	3342	73625	1.14%	0.025%
407	17.047	17.042	17.053	HH	3161	21966	0.34%	0.008%
408	17.057	17.053	17.093	HH	3199	74938	1.16%	0.026%
409	17.107	17.093	17.123	HH	3235	56654	0.88%	0.020%
410	17.126	17.123	17.134	HH	3166	19535	0.30%	0.007%
411	17.166	17.134	17.200	HH	3335	127348	1.98%	0.044%
412	17.209	17.200	17.218	HH	3223	34122	0.53%	0.012%
413	17.224	17.218	17.232	HH	3252	26061	0.41%	0.009%
414	17.264	17.232	17.289	HH	3534	113692	1.77%	0.039%
415	17.312	17.289	17.336	HH	3915	104110	1.62%	0.036%
416	17.371	17.336	17.416	HH	5654	203545	3.16%	0.070%
417	17.459	17.416	17.483	HH	3953	147790	2.30%	0.051%
418	17.499	17.483	17.516	HH	3865	74892	1.16%	0.026%
419	17.523	17.516	17.533	HH	3792	36951	0.57%	0.013%
420	17.552	17.533	17.583	HH	3889	114334	1.78%	0.040%
421	17.588	17.583	17.593	HH	3818	24059	0.37%	0.008%
422	17.610	17.593	17.618	HH	3923	57066	0.89%	0.020%
423	17.646	17.618	17.654	HH	3986	83654	1.30%	0.029%
424	17.656	17.654	17.674	HH	3976	44692	0.69%	0.015%
425	17.687	17.674	17.692	HH	3865	42632	0.66%	0.015%
426	17.706	17.692	17.728	HH	4045	83623	1.30%	0.029%
427	17.763	17.728	17.770	HH	4196	99864	1.55%	0.035%
428	17.777	17.770	17.785	HH	4348	39105	0.61%	0.014%
429	17.813	17.785	17.843	HH	6417	173389	2.69%	0.060%
430	17.847	17.843	17.857	HH	4075	32378	0.50%	0.011%
431	17.906	17.857	17.936	HH	4786	210344	3.27%	0.073%
432	17.943	17.936	17.951	HH	4539	40340	0.63%	0.014%
433	17.963	17.951	17.983	HH	4675	89204	1.39%	0.031%
434	17.990	17.983	18.013	HH	4743	82841	1.29%	0.029%
435	18.047	18.013	18.076	HH	5370	184940	2.87%	0.064%
436	18.086	18.076	18.097	HH	5037	63204	0.98%	0.022%
437	18.104	18.097	18.114	HH	4883	47586	0.74%	0.016%
438	18.146	18.114	18.160	HH	5581	143259	2.23%	0.050%
439	18.198	18.160	18.217	HH	11296	313034	4.87%	0.108%
440	18.235	18.217	18.280	HH	10490	310321	4.82%	0.107%
441	18.289	18.280	18.301	HH	5955	71850	1.12%	0.025%
442	18.333	18.301	18.369	HH	6294	243459	3.78%	0.084%
443	18.385	18.369	18.398	HH	5850	97500	1.52%	0.034%
444	18.412	18.398	18.418	HH	5821	70756	1.10%	0.024%
445	18.433	18.418	18.460	HH	5991	147208	2.29%	0.051%
446	18.470	18.460	18.475	HH	5899	51368	0.80%	0.018%
447	18.479	18.475	18.497	HH	5953	78573	1.22%	0.027%
448	18.528	18.497	18.541	HH	6159	156306	2.43%	0.054%
449	18.549	18.541	18.565	HH	6199	88991	1.38%	0.031%
450	18.568	18.565	18.575	HH	6226	37750	0.59%	0.013%
451	18.646	18.575	18.714	HH	9650	592026	9.20%	0.205%
452	18.760	18.714	18.774	HH	7241	245822	3.82%	0.085%
453	18.795	18.774	18.800	HH	7123	108697	1.69%	0.038%
454	18.812	18.800	18.827	HH	7337	113892	1.77%	0.039%
455	18.835	18.827	18.874	HH	7280	202548	3.15%	0.070%
456	18.877	18.874	18.882	HH	7062	32605	0.51%	0.011%

					rteres			
457	18.892	18.882	18.898	HH	7184	68811	1.07%	0.024%
458	18.906	18.898	18.911	HH	7144	53169	0.83%	0.018%
459	18.918	18.911	18.922	HH	7187	49857	0.77%	0.017%
460	18.937	18.922	18.947	HH	7578	107965	1.68%	0.037%
461	18.959	18.947	18.966	HH	7573	83792	1.30%	0.029%
462	18.977	18.966	18.990	HH	7596	109977	1.71%	0.038%
463	19.045	18.990	19.114	HH	12849	747743	11.62%	0.259%
464	19.117	19.114	19.121	HH	8561	34143	0.53%	0.012%
465	19.126	19.121	19.148	HH	8687	136877	2.13%	0.047%
466	19.154	19.148	19.163	HH	8447	78580	1.22%	0.027%
467	19.181	19.163	19.188	HH	8713	123521	1.92%	0.043%
468	19.200	19.188	19.219	HH	9426	170899	2.66%	0.059%
469	19.249	19.219	19.272	HH	9413	287566	4.47%	0.099%
470	19.280	19.272	19.291	HH	8723	95728	1.49%	0.033%
471	19.296	19.291	19.311	HH	8785	103397	1.61%	0.036%
472	19.338	19.311	19.343	HH	8781	165972	2.58%	0.057%
473	19.352	19.343	19.378	HH	9168	182684	2.84%	0.063%
474	19.382	19.378	19.387	HH	8657	45636	0.71%	0.016%
475	19.400	19.387	19.408	HH	8861	109537	1.70%	0.038%
476	19.436	19.408	19.478	HH	10634	390538	6.07%	0.135%
477	19.491	19.478	19.495	HH	9443	94859	1.47%	0.033%
478	19.502	19.495	19.512	HH	9544	99456	1.55%	0.034%
479	19.519	19.512	19.532	HH	9643	110177	1.71%	0.038%
480	19.549	19.532	19.567	HH	10459	209377	3.25%	0.072%
481	19.572	19.567	19.595	HH	10082	169414	2.63%	0.059%
482	19.603	19.595	19.609	HH	10153	82137	1.28%	0.028%
483	19.616	19.609	19.638	HH	10538	176151	2.74%	0.061%
484	19.651	19.638	19.658	HH	10176	119223	1.85%	0.041%
485	19.659	19.658	19.672	HH	10200	84835	1.32%	0.029%
486	19.677	19.672	19.685	HH	10431	82342	1.28%	0.028%
487	19.732	19.685	19.752	HH	11012	422800	6.57%	0.146%
488	19.763	19.752	19.768	HH	10627	98155	1.53%	0.034%
489	19.809	19.768	19.839	HH	13074	500187	7.77%	0.173%
490	19.844	19.839	19.850	HH	11247	72262	1.12%	0.025%
491	19.859	19.850	19.863	HH	11382	90059	1.40%	0.031%
492	19.878	19.863	19.890	HH	11539	179073	2.78%	0.062%
493	19.903	19.890	19.912	HH	11503	150613	2.34%	0.052%
494	19.918	19.912	19.930	HH	11667	123255	1.92%	0.043%
495	19.943	19.930	19.958	HH	11941	196883	3.06%	0.068%
496	19.989	19.958	20.000	HH	12405	293973	4.57%	0.102%
497	20.004	20.000	20.009	HH	12380	69660	1.08%	0.024%
498	20.014	20.009	20.021	HH	12417	87586	1.36%	0.030%
499	20.027	20.021	20.041	HH	12393	143582	2.23%	0.050%
500	20.060	20.041	20.065	HH	13234	184619	2.87%	0.064%
501	20.069	20.065	20.113	HH	13322	361666	5.62%	0.125%
502	20.118	20.113	20.125	HH	11851	81643	1.27%	0.028%
503	20.146	20.125	20.150	HH	12084	176677	2.75%	0.061%
504	20.178	20.150	20.198	HH	13712	370564	5.76%	0.128%
505	20.224	20.198	20.242	HH	13801	348220	5.41%	0.120%
506	20.253	20.242	20.258	HH	13128	123601	1.92%	0.043%
507	20.266	20.258	20.271	HH	13161	108541	1.69%	0.038%
508	20.281	20.271	20.288	HH	13400	134516	2.09%	0.047%
509	20.305	20.288	20.312	HH	13932	189100	2.94%	0.065%

					rteres			
510	20.344	20.312	20.393	HH	15607	696125	10.82%	0.241%
511	20.398	20.393	20.403	HH	13570	74034	1.15%	0.026%
512	20.409	20.403	20.415	HH	13767	100329	1.56%	0.035%
513	20.419	20.415	20.428	HH	13606	103145	1.60%	0.036%
514	20.444	20.428	20.457	HH	13819	238817	3.71%	0.083%
515	20.463	20.457	20.468	HH	13866	96651	1.50%	0.033%
516	20.484	20.468	20.494	HH	14471	219626	3.41%	0.076%
517	20.540	20.494	20.589	HH	15966	841623	13.08%	0.291%
518	20.601	20.589	20.608	HH	14710	166922	2.59%	0.058%
519	20.613	20.608	20.622	HH	14725	122941	1.91%	0.043%
520	20.631	20.622	20.648	HH	14657	219365	3.41%	0.076%
521	20.701	20.648	20.737	HH	15752	801827	12.46%	0.277%
522	20.741	20.737	20.750	HH	14774	120492	1.87%	0.042%
523	20.762	20.750	20.773	HH	14691	196423	3.05%	0.068%
524	20.788	20.773	20.803	HH	14585	262377	4.08%	0.091%
525	20.810	20.803	20.828	HH	14579	207852	3.23%	0.072%
526	20.832	20.828	20.838	HH	14108	87642	1.36%	0.030%
527	20.844	20.838	20.858	HH	14019	170067	2.64%	0.059%
528	20.863	20.858	20.871	HH	14070	102281	1.59%	0.035%
529	20.876	20.871	20.883	HH	13904	97897	1.52%	0.034%
530	20.929	20.883	20.954	HH	15433	622620	9.68%	0.215%
531	20.960	20.954	20.968	HH	14395	111287	1.73%	0.038%
532	20.980	20.968	20.991	HH	14338	199664	3.10%	0.069%
533	21.011	20.991	21.022	HH	14877	274598	4.27%	0.095%
534	21.027	21.022	21.032	HH	14408	82071	1.28%	0.028%
535	21.039	21.032	21.055	HH	14674	199567	3.10%	0.069%
536	21.064	21.055	21.071	HH	14392	135347	2.10%	0.047%
537	21.075	21.071	21.081	HH	14181	85103	1.32%	0.029%
538	21.086	21.081	21.110	HH	14390	244951	3.81%	0.085%
539	21.120	21.110	21.130	HH	14251	169394	2.63%	0.059%
540	21.136	21.130	21.151	HH	14414	175722	2.73%	0.061%
541	21.156	21.151	21.186	HH	14010	288854	4.49%	0.100%
542	21.189	21.186	21.227	HH	13597	323978	5.04%	0.112%
543	21.265	21.227	21.285	HH	13747	473454	7.36%	0.164%
544	21.297	21.285	21.306	HH	13858	172993	2.69%	0.060%
545	21.312	21.306	21.321	HH	13786	120702	1.88%	0.042%
546	21.331	21.321	21.338	HH	13936	137572	2.14%	0.048%
547	21.367	21.338	21.419	HH	14842	703743	10.94%	0.243%
548	21.428	21.419	21.434	HH	14167	125350	1.95%	0.043%
549	21.454	21.434	21.465	HH	14401	262085	4.07%	0.091%
550	21.474	21.465	21.481	HH	14174	130359	2.03%	0.045%
551	21.490	21.481	21.498	HH	14052	139445	2.17%	0.048%
552	21.500	21.498	21.507	HH	13952	80124	1.25%	0.028%
553	21.514	21.507	21.533	HH	13944	208479	3.24%	0.072%
554	21.537	21.533	21.558	HH	13471	200445	3.12%	0.069%
555	21.570	21.558	21.577	HH	13488	153702	2.39%	0.053%
556	21.594	21.577	21.602	HH	13540	201770	3.14%	0.070%
557	21.613	21.602	21.620	HH	13642	147481	2.29%	0.051%
558	21.624	21.620	21.634	HH	13618	114964	1.79%	0.040%
559	21.645	21.634	21.652	HH	13588	141922	2.21%	0.049%
560	21.657	21.652	21.661	HH	13624	72433	1.13%	0.025%
561	21.664	21.661	21.682	HH	13553	169902	2.64%	0.059%

						rteres		
562	21.687	21.682	21.717	HH	13398	278663	4.33%	0.096%
563	21.722	21.717	21.749	HH	13283	256622	3.99%	0.089%
564	21.765	21.749	21.778	HH	13248	225417	3.50%	0.078%
565	21.790	21.778	21.796	HH	13344	146818	2.28%	0.051%
566	21.811	21.796	21.816	HH	13491	154293	2.40%	0.053%
567	21.821	21.816	21.826	HH	13557	82312	1.28%	0.028%
568	21.831	21.826	21.837	HH	13600	89406	1.39%	0.031%
569	21.874	21.837	21.879	HH	14392	353048	5.49%	0.122%
570	21.883	21.879	21.898	HH	14312	159548	2.48%	0.055%
571	21.902	21.898	21.950	HHA	14026	434074	6.75%	0.150%
					Sum of corrected areas:		289201165	

FG110121.M Fri Nov 12 15:57:25 2021