

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091118\
 Data File : FE028615.D
 Signal(s) : FID1B.CH
 Acq On : 11 Sep 2018 14:17
 Sample : J4842-04 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\C44-FE082118.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.569	2.505	2.621	BH	38	-15194	-0.12%	-0.002%
2	2.632	2.621	2.652	PH	-207	-4780	-0.04%	-0.001%
3	2.667	2.652	2.686	PH	-215	-5283	-0.04%	-0.001%
4	2.699	2.686	2.709	PH	-203	-3273	-0.03%	-0.000%
5	2.791	2.709	2.819	PH	126	-7058	-0.06%	-0.001%
6	2.842	2.819	2.875	PH	1305	11100	0.09%	0.001%
7	2.894	2.875	2.907	PH	1733	10920	0.09%	0.001%
8	2.918	2.907	2.945	HH	615	4894	0.04%	0.001%
9	2.957	2.945	2.962	PH	41	24	0.00%	0.000%
10	2.975	2.962	3.001	PH	66	-1311	-0.01%	-0.000%
11	3.046	3.001	3.073	PH	1294	12730	0.10%	0.001%
12	3.083	3.073	3.096	PH	77	119	0.00%	0.000%
13	3.125	3.096	3.139	PH	1359	10530	0.08%	0.001%
14	3.172	3.139	3.192	HH	421	7833	0.06%	0.001%
15	3.209	3.192	3.233	HH	1151	15118	0.12%	0.002%
16	3.246	3.233	3.259	HH	469	3703	0.03%	0.000%
17	3.286	3.259	3.307	PH	1980	25795	0.21%	0.003%
18	3.341	3.307	3.381	HH	1192	21851	0.17%	0.002%
19	3.409	3.381	3.423	HH	3458	40382	0.32%	0.005%
20	3.434	3.423	3.451	HH	2400	20389	0.16%	0.002%
21	3.492	3.451	3.516	HH	540	12901	0.10%	0.001%
22	3.536	3.516	3.549	HH	1011	10168	0.08%	0.001%
23	3.581	3.549	3.594	HH	4589	45167	0.36%	0.005%
24	3.607	3.594	3.623	HH	4351	39824	0.32%	0.005%
25	3.634	3.623	3.664	HH	1387	16575	0.13%	0.002%
26	3.686	3.664	3.695	HH	487	7114	0.06%	0.001%
27	3.715	3.695	3.729	HH	3571	37251	0.30%	0.004%
28	3.738	3.729	3.752	HH	2478	22812	0.18%	0.003%
29	3.763	3.752	3.768	HH	1434	11781	0.09%	0.001%
30	3.783	3.768	3.817	HH	2988	45912	0.37%	0.005%
31	3.855	3.817	3.889	HH	8016	122854	0.98%	0.014%
32	3.906	3.889	3.928	HH	2668	46527	0.37%	0.005%
33	3.955	3.928	4.005	HH	9798	184230	1.47%	0.021%
34	4.029	4.005	4.045	HH	7338	96233	0.77%	0.011%
35	4.055	4.045	4.069	HH	3588	34994	0.28%	0.004%
36	4.085	4.069	4.116	HH	6022	85490	0.68%	0.010%

					rteres.txt			
37	4.133	4.116	4.149	HH	11944	106243	0.85%	0.012%
38	4.171	4.149	4.196	HH	9445	162873	1.30%	0.019%
39	4.206	4.196	4.222	HH	5263	56876	0.46%	0.006%
40	4.252	4.222	4.270	HH	12541	184724	1.48%	0.021%
41	4.281	4.270	4.299	HH	9847	127193	1.02%	0.015%
42	4.321	4.299	4.332	HH	8243	125518	1.00%	0.014%
43	4.349	4.332	4.373	HH	13003	182184	1.46%	0.021%
44	4.434	4.373	4.449	HH	15197	299000	2.39%	0.034%
45	4.464	4.449	4.489	HH	16943	226083	1.81%	0.026%
46	4.503	4.489	4.541	HH	10051	161686	1.29%	0.018%
47	4.574	4.541	4.593	HH	13234	212393	1.70%	0.024%
48	4.616	4.593	4.630	HH	11281	177772	1.42%	0.020%
49	4.652	4.630	4.688	HH	24376	384269	3.08%	0.044%
50	4.705	4.688	4.719	HH	26503	266939	2.14%	0.030%
51	4.729	4.719	4.752	HH	13264	174968	1.40%	0.020%
52	4.764	4.752	4.789	HH	8121	127566	1.02%	0.015%
53	4.817	4.789	4.844	HH	14097	316211	2.53%	0.036%
54	4.860	4.844	4.873	HH	25214	296516	2.37%	0.034%
55	4.881	4.873	4.891	HH	15259	152025	1.22%	0.017%
56	4.907	4.891	4.926	HH	52624	538974	4.31%	0.062%
57	4.942	4.926	4.976	HH	36962	593694	4.75%	0.068%
58	4.990	4.976	5.002	HH	25208	264797	2.12%	0.030%
59	5.029	5.002	5.052	HH	23921	514996	4.12%	0.059%
60	5.071	5.052	5.095	HH	43606	616200	4.93%	0.070%
61	5.113	5.095	5.121	HH	20423	258776	2.07%	0.030%
62	5.140	5.121	5.159	HH	49597	614943	4.92%	0.070%
63	5.192	5.159	5.240	HH	22025	782128	6.26%	0.089%
64	5.264	5.240	5.277	HH	29253	371428	2.97%	0.042%
65	5.294	5.277	5.311	HH	41386	563224	4.51%	0.064%
66	5.333	5.311	5.346	HH	36044	546760	4.38%	0.062%
67	5.357	5.346	5.368	HH	28370	303171	2.43%	0.035%
68	5.384	5.368	5.422	HH	54117	1195978	9.57%	0.136%
69	5.432	5.422	5.448	HH	26100	319428	2.56%	0.036%
70	5.468	5.448	5.481	HH	18959	317997	2.55%	0.036%
71	5.501	5.481	5.529	HH	42966	777133	6.22%	0.089%
72	5.592	5.529	5.608	HH	45623	1630767	13.05%	0.186%
73	5.624	5.608	5.677	HH	40473	1147085	9.18%	0.131%
74	5.705	5.677	5.719	HH	62301	1005198	8.05%	0.115%
75	5.734	5.719	5.754	HH	88539	1060469	8.49%	0.121%
76	5.770	5.754	5.806	HH	38784	823323	6.59%	0.094%
77	5.836	5.806	5.847	HH	33918	615495	4.93%	0.070%
78	5.854	5.847	5.865	HH	29787	304421	2.44%	0.035%
79	5.891	5.865	5.926	HH	111940	2004291	16.04%	0.229%
80	5.940	5.926	5.959	HH	41408	674568	5.40%	0.077%
81	6.000	5.959	6.026	HH	96179	2367982	18.96%	0.270%
82	6.044	6.026	6.060	HH	92968	1097194	8.78%	0.125%
83	6.110	6.060	6.137	HH	54127	1812012	14.51%	0.207%
84	6.158	6.137	6.181	HH	54542	976548	7.82%	0.111%
85	6.205	6.181	6.225	HH	71558	1408597	11.28%	0.161%
86	6.257	6.225	6.272	HH	68103	1643601	13.16%	0.188%
87	6.295	6.272	6.319	HH	83739	1625775	13.01%	0.186%
88	6.338	6.319	6.352	HH	65872	1078658	8.63%	0.123%
89	6.364	6.352	6.374	HH	62648	764253	6.12%	0.087%

rteres.txt								
90	6.400	6.374	6.418	HH	108983	1910548	15.29%	0.218%
91	6.448	6.418	6.463	HH	85030	1834436	14.68%	0.209%
92	6.475	6.463	6.487	HH	74020	973102	7.79%	0.111%
93	6.523	6.487	6.545	HH	81354	2442721	19.55%	0.279%
94	6.565	6.545	6.587	HH	94094	1718435	13.76%	0.196%
95	6.618	6.587	6.658	HH	98636	3135536	25.10%	0.358%
96	6.672	6.658	6.692	HH	71765	1300644	10.41%	0.148%
97	6.709	6.692	6.731	HH	73412	1389447	11.12%	0.159%
98	6.775	6.731	6.786	HH	70582	1939239	15.52%	0.221%
99	6.802	6.786	6.811	HH	73783	1025116	8.21%	0.117%
100	6.833	6.811	6.855	HH	277965	3713338	29.73%	0.424%
101	6.885	6.855	6.928	HH	137707	3966846	31.76%	0.453%
102	6.964	6.928	6.987	HH	112604	2795492	22.38%	0.319%
103	7.012	6.987	7.037	HH	144900	2893246	23.16%	0.330%
104	7.045	7.037	7.057	HH	89163	1014366	8.12%	0.116%
105	7.073	7.057	7.085	HH	87585	1410358	11.29%	0.161%
106	7.099	7.085	7.117	HH	112611	1721439	13.78%	0.196%
107	7.163	7.117	7.172	HH	93167	2713111	21.72%	0.310%
108	7.200	7.172	7.231	HH	149515	4062257	32.52%	0.464%
109	7.247	7.231	7.275	HH	166122	3258685	26.09%	0.372%
110	7.303	7.275	7.315	HH	111550	2366071	18.94%	0.270%
111	7.346	7.315	7.372	HH	128318	3637724	29.12%	0.415%
112	7.391	7.372	7.439	HH	336516	6723220	53.82%	0.767%
113	7.462	7.439	7.480	HH	125434	2637533	21.11%	0.301%
114	7.498	7.480	7.517	HH	151996	2638108	21.12%	0.301%
115	7.542	7.517	7.561	HH	113049	2630268	21.06%	0.300%
116	7.582	7.561	7.599	HH	127057	2519691	20.17%	0.288%
117	7.621	7.599	7.652	HH	118444	3490050	27.94%	0.398%
118	7.669	7.652	7.689	HH	122884	2411596	19.31%	0.275%
119	7.712	7.689	7.746	HH	133531	4046101	32.39%	0.462%
120	7.756	7.746	7.764	HH	111444	1178501	9.43%	0.134%
121	7.788	7.764	7.868	HH	183657	8060461	64.53%	0.920%
122	7.925	7.868	7.940	HH	164188	4839202	38.74%	0.552%
123	7.960	7.940	7.977	HH	187249	3192525	25.56%	0.364%
124	7.984	7.977	8.008	HH	117398	2026731	16.22%	0.231%
125	8.066	8.008	8.081	HH	159241	5342782	42.77%	0.610%
126	8.093	8.081	8.110	HH	148226	2303187	18.44%	0.263%
127	8.139	8.110	8.157	HH	166148	3690078	29.54%	0.421%
128	8.189	8.157	8.202	HH	151047	3545537	28.38%	0.405%
129	8.214	8.202	8.226	HH	152334	1989013	15.92%	0.227%
130	8.241	8.226	8.288	HH	189416	5233305	41.89%	0.597%
131	8.313	8.288	8.366	HH	536018	10453545	83.68%	1.193%
132	8.377	8.366	8.391	HH	137768	1978423	15.84%	0.226%
133	8.406	8.391	8.418	HH	167415	2334864	18.69%	0.266%
134	8.435	8.418	8.449	HH	288840	3899222	31.21%	0.445%
135	8.462	8.449	8.479	HH	272626	3708483	29.69%	0.423%
136	8.491	8.479	8.508	HH	181649	2735653	21.90%	0.312%
137	8.539	8.508	8.565	HH	213530	5342602	42.77%	0.610%
138	8.603	8.565	8.625	HH	203316	6183973	49.50%	0.706%
139	8.637	8.625	8.650	HH	147591	1996048	15.98%	0.228%
140	8.671	8.650	8.699	HH	239064	5109680	40.90%	0.583%
141	8.719	8.699	8.737	HH	161482	3327381	26.64%	0.380%

					rteres.txt			
142	8.775	8.737	8.809	HH	168892	6232411	49.89%	0.711%
143	8.821	8.809	8.834	HH	121761	1714801	13.73%	0.196%
144	8.856	8.834	8.875	HH	188367	3675005	29.42%	0.419%
145	8.903	8.875	8.932	HH	169677	5124852	41.03%	0.585%
146	8.967	8.932	8.991	HH	254727	6110411	48.91%	0.697%
147	9.034	8.991	9.055	HH	565575	10129174	81.09%	1.156%
148	9.073	9.055	9.091	HH	161772	2976099	23.82%	0.340%
149	9.117	9.091	9.132	HH	157536	3328044	26.64%	0.380%
150	9.153	9.132	9.169	HH	231645	4077894	32.64%	0.465%
151	9.182	9.169	9.219	HH	177600	4483483	35.89%	0.512%
152	9.273	9.219	9.290	HH	177420	6460024	51.71%	0.737%
153	9.302	9.290	9.312	HH	169239	2091493	16.74%	0.239%
154	9.327	9.312	9.346	HH	218994	3539646	28.34%	0.404%
155	9.369	9.346	9.386	HH	236559	4091097	32.75%	0.467%
156	9.400	9.386	9.439	HH	160007	4245745	33.99%	0.485%
157	9.485	9.439	9.503	HH	203818	5457472	43.69%	0.623%
158	9.517	9.503	9.534	HH	185805	2675407	21.42%	0.305%
159	9.553	9.534	9.581	HH	131167	3411741	27.31%	0.389%
160	9.621	9.581	9.640	HH	204526	5235097	41.91%	0.597%
161	9.653	9.640	9.671	HH	138238	2304561	18.45%	0.263%
162	9.695	9.671	9.715	HH	172069	3703224	29.64%	0.423%
163	9.730	9.715	9.749	HH	173474	2890544	23.14%	0.330%
164	9.772	9.749	9.839	HH	187443	7579536	60.68%	0.865%
165	9.854	9.839	9.868	HH	158466	2298525	18.40%	0.262%
166	9.879	9.868	9.893	HH	133731	1850794	14.82%	0.211%
167	9.904	9.893	9.926	HH	126463	2288568	18.32%	0.261%
168	9.942	9.926	9.970	HH	111619	2674861	21.41%	0.305%
169	9.985	9.970	9.997	HH	96481	1544815	12.37%	0.176%
170	10.055	9.997	10.086	HH	139290	6324183	50.63%	0.722%
171	10.101	10.086	10.115	HH	119903	1952207	15.63%	0.223%
172	10.129	10.115	10.146	HH	124661	2066003	16.54%	0.236%
173	10.161	10.146	10.175	HH	112537	1822917	14.59%	0.208%
174	10.196	10.175	10.251	HH	107061	4401463	35.23%	0.502%
175	10.287	10.251	10.316	HH	103472	3519568	28.17%	0.402%
176	10.327	10.316	10.361	HH	86706	2183892	17.48%	0.249%
177	10.379	10.361	10.402	HH	89232	1951980	15.63%	0.223%
178	10.448	10.402	10.462	HH	104621	3055028	24.46%	0.349%
179	10.488	10.462	10.519	HH	276506	4968678	39.77%	0.567%
180	10.534	10.519	10.541	HH	82851	1033970	8.28%	0.118%
181	10.558	10.541	10.572	HH	109810	1813017	14.51%	0.207%
182	10.586	10.572	10.611	HH	106602	2085381	16.69%	0.238%
183	10.634	10.611	10.669	HH	124506	2989040	23.93%	0.341%
184	10.713	10.669	10.747	HH	82943	3491309	27.95%	0.398%
185	10.770	10.747	10.799	HH	90244	2375571	19.02%	0.271%
186	10.837	10.799	10.857	HH	90331	2695563	21.58%	0.308%
187	10.876	10.857	10.886	HH	83081	1323425	10.59%	0.151%
188	10.913	10.886	10.940	HH	388107	6165791	49.36%	0.704%
189	10.951	10.940	11.000	HH	72742	2346187	18.78%	0.268%
190	11.011	11.000	11.035	HH	61361	1214405	9.72%	0.139%
191	11.051	11.035	11.066	HH	61240	1053719	8.44%	0.120%
192	11.091	11.066	11.104	HH	62573	1354697	10.84%	0.155%
193	11.120	11.104	11.143	HH	73739	1447006	11.58%	0.165%
194	11.177	11.143	11.195	HH	61020	1755799	14.06%	0.200%

					rteres.txt			
195	11.232	11.195	11.275	HH	75485	2717490	21.75%	0.310%
196	11.293	11.275	11.306	HH	50096	885480	7.09%	0.101%
197	11.322	11.306	11.346	HH	51923	1185814	9.49%	0.135%
198	11.366	11.346	11.383	HH	47642	1032176	8.26%	0.118%
199	11.392	11.383	11.399	HH	47200	455710	3.65%	0.052%
200	11.424	11.399	11.446	HH	52840	1359213	10.88%	0.155%
201	11.464	11.446	11.492	HH	50168	1324804	10.61%	0.151%
202	11.512	11.492	11.525	HH	52552	981753	7.86%	0.112%
203	11.540	11.525	11.574	HH	58758	1396819	11.18%	0.159%
204	11.634	11.574	11.681	HH	119499	3604245	28.85%	0.411%
205	11.708	11.681	11.728	HH	40985	1064631	8.52%	0.121%
206	11.773	11.728	11.789	HH	41345	1367635	10.95%	0.156%
207	11.806	11.789	11.822	HH	40210	752370	6.02%	0.086%
208	11.848	11.822	11.884	HH	37975	1302050	10.42%	0.149%
209	11.922	11.884	11.937	HH	45174	1174875	9.41%	0.134%
210	11.953	11.937	11.978	HH	46502	902438	7.22%	0.103%
211	11.990	11.978	11.999	HH	30467	389896	3.12%	0.044%
212	12.027	11.999	12.045	HH	35088	898577	7.19%	0.103%
213	12.072	12.045	12.087	HH	40291	871300	6.97%	0.099%
214	12.104	12.087	12.150	HH	38517	1196808	9.58%	0.137%
215	12.193	12.150	12.247	HH	44319	1948335	15.60%	0.222%
216	12.257	12.247	12.272	HH	29547	432241	3.46%	0.049%
217	12.295	12.272	12.308	HH	27506	572485	4.58%	0.065%
218	12.326	12.308	12.388	HH	29858	1253583	10.04%	0.143%
219	12.423	12.388	12.440	HH	27015	773609	6.19%	0.088%
220	12.462	12.440	12.521	HH	26639	1191047	9.53%	0.136%
221	12.535	12.521	12.552	HH	24396	438240	3.51%	0.050%
222	12.576	12.552	12.636	HH	27934	1205703	9.65%	0.138%
223	12.648	12.636	12.693	HH	23440	753470	6.03%	0.086%
224	12.716	12.693	12.755	HH	28193	861966	6.90%	0.098%
225	12.777	12.755	12.806	HH	24067	671946	5.38%	0.077%
226	12.826	12.806	12.841	HH	31743	562126	4.50%	0.064%
227	12.856	12.841	12.878	HH	30681	567708	4.54%	0.065%
228	12.890	12.878	12.909	HH	23977	401384	3.21%	0.046%
229	12.918	12.909	12.930	HH	19590	243046	1.95%	0.028%
230	12.960	12.930	12.983	HH	21040	632747	5.07%	0.072%
231	12.998	12.983	13.025	HH	19142	465107	3.72%	0.053%
232	13.047	13.025	13.055	HH	17726	305136	2.44%	0.035%
233	13.070	13.055	13.088	HH	18583	349882	2.80%	0.040%
234	13.100	13.088	13.116	HH	17084	282926	2.26%	0.032%
235	13.139	13.116	13.169	HH	18292	540760	4.33%	0.062%
236	13.185	13.169	13.210	HH	17709	421145	3.37%	0.048%
237	13.269	13.210	13.298	HH	68539	1400864	11.21%	0.160%
238	13.309	13.298	13.326	HH	16513	267490	2.14%	0.031%
239	13.353	13.326	13.407	HH	20269	839913	6.72%	0.096%
240	13.414	13.407	13.445	HH	16041	363277	2.91%	0.041%
241	13.467	13.445	13.498	HH	17986	495856	3.97%	0.057%
242	13.519	13.498	13.556	HH	18340	566029	4.53%	0.065%
243	13.576	13.556	13.621	HH	18152	605238	4.85%	0.069%
244	13.639	13.621	13.654	HH	15716	285420	2.28%	0.033%
245	13.676	13.654	13.686	HH	15813	293220	2.35%	0.033%
246	13.696	13.686	13.731	HH	15761	398027	3.19%	0.045%

					rteres.txt			
247	13.748	13.731	13.771	HH	15109	345263	2.76%	0.039%
248	13.797	13.771	13.812	HH	14379	347101	2.78%	0.040%
249	13.833	13.812	13.858	HH	14469	384192	3.08%	0.044%
250	13.901	13.858	13.931	HH	14351	605840	4.85%	0.069%
251	13.961	13.931	13.981	HH	14315	416310	3.33%	0.048%
252	13.992	13.981	14.007	HH	14164	212077	1.70%	0.024%
253	14.027	14.007	14.041	HH	14267	287263	2.30%	0.033%
254	14.055	14.041	14.074	HH	14890	269195	2.15%	0.031%
255	14.121	14.074	14.147	HH	14718	597900	4.79%	0.068%
256	14.157	14.147	14.177	HH	13364	235252	1.88%	0.027%
257	14.209	14.177	14.232	HH	13177	420071	3.36%	0.048%
258	14.247	14.232	14.267	HH	12494	264935	2.12%	0.030%
259	14.294	14.267	14.339	HH	14478	555374	4.45%	0.063%
260	14.359	14.339	14.379	HH	12746	297591	2.38%	0.034%
261	14.391	14.379	14.408	HH	12565	215672	1.73%	0.025%
262	14.453	14.408	14.485	HH	13563	594885	4.76%	0.068%
263	14.494	14.485	14.518	HH	12682	240694	1.93%	0.027%
264	14.552	14.518	14.565	HH	13101	365497	2.93%	0.042%
265	14.592	14.565	14.607	HH	13189	322055	2.58%	0.037%
266	14.622	14.607	14.645	HH	13594	292530	2.34%	0.033%
267	14.695	14.645	14.731	HH	13910	681675	5.46%	0.078%
268	14.764	14.731	14.807	HH	14212	613080	4.91%	0.070%
269	14.827	14.807	14.843	HH	13579	281849	2.26%	0.032%
270	14.862	14.843	14.883	HH	13247	309348	2.48%	0.035%
271	14.903	14.883	14.925	HH	13599	332346	2.66%	0.038%
272	14.960	14.925	15.011	HH	41687	993719	7.95%	0.113%
273	15.028	15.011	15.042	HH	13013	236216	1.89%	0.027%
274	15.064	15.042	15.097	HH	13243	432224	3.46%	0.049%
275	15.117	15.097	15.131	HH	13467	264153	2.11%	0.030%
276	15.181	15.131	15.198	HH	14263	558349	4.47%	0.064%
277	15.219	15.198	15.243	HH	14217	376957	3.02%	0.043%
278	15.252	15.243	15.262	HH	13796	156855	1.26%	0.018%
279	15.282	15.262	15.293	HH	14462	258971	2.07%	0.030%
280	15.317	15.293	15.339	HH	14520	392771	3.14%	0.045%
281	15.351	15.339	15.364	HH	14754	221108	1.77%	0.025%
282	15.377	15.364	15.398	HH	14623	287572	2.30%	0.033%
283	15.454	15.398	15.482	HH	15333	741005	5.93%	0.085%
284	15.514	15.482	15.542	HH	14856	526139	4.21%	0.060%
285	15.580	15.542	15.590	HH	15459	431276	3.45%	0.049%
286	15.607	15.590	15.640	HH	15722	458382	3.67%	0.052%
287	15.651	15.640	15.667	HH	15244	245857	1.97%	0.028%
288	15.689	15.667	15.699	HH	16590	297702	2.38%	0.034%
289	15.712	15.699	15.758	HH	16430	571390	4.57%	0.065%
290	15.776	15.758	15.799	HH	16122	385486	3.09%	0.044%
291	15.818	15.799	15.839	HH	18172	404010	3.23%	0.046%
292	15.857	15.839	15.897	HH	17411	579135	4.64%	0.066%
293	15.929	15.897	15.944	HH	16989	458412	3.67%	0.052%
294	15.978	15.944	16.003	HH	17957	621042	4.97%	0.071%
295	16.010	16.003	16.030	HH	17802	279792	2.24%	0.032%
296	16.046	16.030	16.065	HH	17062	349799	2.80%	0.040%
297	16.080	16.065	16.089	HH	16901	243771	1.95%	0.028%
298	16.117	16.089	16.141	HH	17455	535020	4.28%	0.061%
299	16.188	16.141	16.215	HH	19034	796688	6.38%	0.091%

					rteres.txt			
300	16.246	16.215	16.302	HH	18475	935427	7.49%	0.107%
301	16.323	16.302	16.338	HH	18196	385112	3.08%	0.044%
302	16.353	16.338	16.377	HH	17931	419273	3.36%	0.048%
303	16.421	16.377	16.444	HH	20343	756170	6.05%	0.086%
304	16.511	16.444	16.545	HH	20804	1199235	9.60%	0.137%
305	16.575	16.545	16.595	HH	20529	599154	4.80%	0.068%
306	16.625	16.595	16.650	HH	21608	682741	5.47%	0.078%
307	16.675	16.650	16.693	HH	23188	563206	4.51%	0.064%
308	16.710	16.693	16.732	HH	22955	522251	4.18%	0.060%
309	16.845	16.732	16.860	HH	24426	1756530	14.06%	0.200%
310	16.901	16.860	16.941	HH	25466	1212071	9.70%	0.138%
311	17.038	16.941	17.084	HH	27290	2239651	17.93%	0.256%
312	17.144	17.084	17.168	HH	30964	1395160	11.17%	0.159%
313	17.195	17.168	17.219	HH	31163	885275	7.09%	0.101%
314	17.231	17.219	17.249	HH	28549	514523	4.12%	0.059%
315	17.265	17.249	17.279	HH	28660	501280	4.01%	0.057%
316	17.296	17.279	17.321	HH	28173	717212	5.74%	0.082%
317	17.343	17.321	17.357	HH	29179	624969	5.00%	0.071%
318	17.371	17.357	17.392	HH	29407	611325	4.89%	0.070%
319	17.424	17.392	17.449	HH	30757	1012659	8.11%	0.116%
320	17.491	17.449	17.514	HH	30769	1160817	9.29%	0.132%
321	17.527	17.514	17.544	HH	29885	523263	4.19%	0.060%
322	17.565	17.544	17.575	HH	30719	564711	4.52%	0.064%
323	17.597	17.575	17.632	HH	37895	1129433	9.04%	0.129%
324	17.658	17.632	17.672	HH	32390	756213	6.05%	0.086%
325	17.695	17.672	17.714	HH	34018	822925	6.59%	0.094%
326	17.742	17.714	17.760	HH	34718	922290	7.38%	0.105%
327	17.827	17.760	17.844	HH	35920	1743806	13.96%	0.199%
328	17.897	17.844	17.909	HH	36418	1388858	11.12%	0.158%
329	17.974	17.909	17.995	HH	39565	1966225	15.74%	0.224%
330	18.036	17.995	18.055	HH	45548	1488169	11.91%	0.170%
331	18.066	18.055	18.099	HH	41444	1060337	8.49%	0.121%
332	18.118	18.099	18.135	HH	42157	905276	7.25%	0.103%
333	18.218	18.135	18.235	HH	48407	2572421	20.59%	0.294%
334	18.247	18.235	18.285	HH	45734	1349730	10.80%	0.154%
335	18.306	18.285	18.355	HH	44795	1846991	14.79%	0.211%
336	18.421	18.355	18.436	HH	48261	2267240	18.15%	0.259%
337	18.460	18.436	18.490	HH	52850	1574148	12.60%	0.180%
338	18.553	18.490	18.565	HH	50668	2172223	17.39%	0.248%
339	18.587	18.565	18.631	HH	57704	2037865	16.31%	0.233%
340	18.668	18.631	18.679	HH	51485	1451412	11.62%	0.166%
341	18.739	18.679	18.763	HH	52977	2600599	20.82%	0.297%
342	18.776	18.763	18.805	HH	52444	1330274	10.65%	0.152%
343	18.873	18.805	18.936	HH	60104	4304799	34.46%	0.491%
344	19.012	18.936	19.037	HH	64115	3574132	28.61%	0.408%
345	19.060	19.037	19.079	HH	65871	1576440	12.62%	0.180%
346	19.097	19.079	19.118	HH	62448	1470860	11.77%	0.168%
347	19.172	19.118	19.218	HH	65446	3841001	30.75%	0.438%
348	19.270	19.218	19.294	HH	70877	3039387	24.33%	0.347%
349	19.343	19.294	19.365	HH	71729	2956568	23.67%	0.337%
350	19.430	19.365	19.445	HH	73837	3429564	27.45%	0.391%
351	19.466	19.445	19.495	HH	73860	2187062	17.51%	0.250%

					rteres.txt			
352	19.520	19.495	19.555	HH	74333	2635936	21.10%	0.301%
353	19.601	19.555	19.612	HH	76666	2545519	20.38%	0.290%
354	19.660	19.612	19.676	HH	81902	3028327	24.24%	0.346%
355	19.686	19.676	19.699	HH	80250	1108604	8.87%	0.127%
356	19.724	19.699	19.739	HH	83079	1946478	15.58%	0.222%
357	19.757	19.739	19.772	HH	83712	1663290	13.31%	0.190%
358	19.817	19.772	19.832	HH	86159	3041084	24.34%	0.347%
359	19.847	19.832	19.877	HH	86286	2312243	18.51%	0.264%
360	19.890	19.877	19.898	HH	85066	1050258	8.41%	0.120%
361	19.948	19.898	19.968	HH	87681	3616125	28.95%	0.413%
362	19.979	19.968	20.001	HH	87765	1744956	13.97%	0.199%
363	20.046	20.001	20.082	HH	95336	4426980	35.44%	0.505%
364	20.123	20.082	20.145	HH	96241	3547613	28.40%	0.405%
365	20.230	20.145	20.253	HH	100232	6356333	50.88%	0.725%
366	20.303	20.253	20.319	HH	102244	3996244	31.99%	0.456%
367	20.345	20.319	20.359	HH	105403	2505681	20.06%	0.286%
368	20.402	20.359	20.415	HH	107608	3574887	28.62%	0.408%
369	20.432	20.415	20.462	HH	107695	2990570	23.94%	0.341%
370	20.510	20.462	20.539	HH	109436	4916715	39.36%	0.561%
371	20.592	20.539	20.633	HH	112231	6174550	49.43%	0.705%
372	20.658	20.633	20.683	HH	110901	3273896	26.21%	0.374%
373	20.697	20.683	20.723	HH	110540	2649606	21.21%	0.302%
374	20.738	20.723	20.757	HH	109814	2244435	17.97%	0.256%
375	20.793	20.757	20.840	HH	113569	5495750	43.99%	0.627%
376	20.856	20.840	20.864	HH	109548	1603006	12.83%	0.183%
377	20.879	20.864	20.915	HH	110945	3341788	26.75%	0.381%
378	20.937	20.915	20.988	HH	109905	4726449	37.84%	0.539%
379	20.997	20.988	21.009	HH	107210	1320937	10.57%	0.151%
380	21.035	21.009	21.048	HH	110367	2584546	20.69%	0.295%
381	21.063	21.048	21.085	HH	109664	2420892	19.38%	0.276%
382	21.210	21.085	21.243	HH	117208	10681791	85.51%	1.219%
383	21.257	21.243	21.272	HH	114152	1959271	15.68%	0.224%
384	21.283	21.272	21.343	HH	112766	4646401	37.20%	0.530%
385	21.355	21.343	21.390	HH	107500	2972716	23.80%	0.339%
386	21.429	21.390	21.446	HH	104749	3506460	28.07%	0.400%
387	21.510	21.446	21.525	HH	107246	5015290	40.15%	0.572%
388	21.549	21.525	21.589	HH	108684	4079731	32.66%	0.466%
389	21.604	21.589	21.631	HH	106632	2703925	21.65%	0.309%
390	21.685	21.631	21.743	HH	111828	7291783	58.37%	0.832%
391	21.756	21.743	21.869	HH	105883	7761778	62.13%	0.886%
392	21.876	21.869	21.883	HH	100633	839412	6.72%	0.096%
393	21.922	21.883	21.932	HH	101377	3004921	24.05%	0.343%
394	21.996	21.932	22.015	HH	103994	5096703	40.80%	0.582%
395	22.047	22.015	22.059	HH	103209	2672892	21.40%	0.305%
396	22.073	22.059	22.092	HH	103474	2036802	16.30%	0.232%
397	22.128	22.092	22.139	HH	106325	2963965	23.73%	0.338%
398	22.154	22.139	22.181	HH	105982	2651533	21.23%	0.303%
399	22.230	22.181	22.382	HH	108457	12491972	100.00%	1.426%
400	22.404	22.382	22.438	HH	100947	3371777	26.99%	0.385%
401	22.451	22.438	22.462	HH	99938	1425820	11.41%	0.163%
402	22.550	22.462	22.608	HH	103028	8855308	70.89%	1.011%
403	22.620	22.608	22.634	HH	100302	1541957	12.34%	0.176%
404	22.644	22.634	22.658	HH	100581	1421769	11.38%	0.162%

					rteres.txt			
405	22.711	22.658	22.772	HH	102899	6949951	55.64%	0.793%
406	22.787	22.772	22.826	HH	101646	3244911	25.98%	0.370%
407	22.851	22.826	22.907	HH	101849	4831221	38.67%	0.551%
408	22.994	22.907	23.005	HH	100431	5804711	46.47%	0.662%
409	23.019	23.005	23.049	HH	101217	2636740	21.11%	0.301%
410	23.058	23.049	23.071	HH	101039	1353658	10.84%	0.154%
411	23.084	23.071	23.135	HH	101624	3835216	30.70%	0.438%
412	23.146	23.135	23.155	HH	98163	1133214	9.07%	0.129%
413	23.210	23.155	23.220	HH	100634	3883105	31.08%	0.443%
414	23.231	23.220	23.273	HH	100407	3151411	25.23%	0.360%
415	23.289	23.273	23.491	HH	97811	12249039	98.06%	1.398%
416	23.510	23.491	23.525	HH	92086	1827952	14.63%	0.209%
417	23.571	23.525	23.629	HH	96420	5810981	46.52%	0.663%
418	23.671	23.629	23.699	HH	93946	3901739	31.23%	0.445%
419	23.722	23.699	23.739	HH	93809	2239794	17.93%	0.256%
420	23.759	23.739	23.782	HH	93745	2395797	19.18%	0.273%
421	23.800	23.782	23.869	HH	92815	4767194	38.16%	0.544%
422	23.880	23.869	23.890	HH	91639	1188599	9.51%	0.136%
423	23.945	23.890	23.963	HH	92719	3985734	31.91%	0.455%
424	23.972	23.963	24.035	HH	92695	3945997	31.59%	0.450%
425	24.044	24.035	24.101	HH	89543	3480034	27.86%	0.397%
426	24.132	24.101	24.142	HH	87810	2165233	17.33%	0.247%
427	24.165	24.142	24.189	HH	88769	2459757	19.69%	0.281%
428	24.206	24.189	24.217	HH	88034	1460387	11.69%	0.167%
429	24.229	24.217	24.263	HH	88592	2429050	19.44%	0.277%
430	24.273	24.263	24.282	HH	88338	1025621	8.21%	0.117%
431	24.298	24.282	24.315	HH	89317	1774551	14.21%	0.203%
432	24.392	24.315	24.459	HH	91754	7746184	62.01%	0.884%
433	24.467	24.459	24.479	HH	89764	1078152	8.63%	0.123%
434	24.492	24.479	24.513	HH	89176	1806155	14.46%	0.206%
435	24.522	24.513	24.528	HH	88863	818145	6.55%	0.093%
436	24.539	24.528	24.550	HH	89820	1171766	9.38%	0.134%
437	24.572	24.550	24.632	HH	90019	4409548	35.30%	0.503%
438	24.638	24.632	24.673	HH	89613	2203086	17.64%	0.251%
439	24.683	24.673	24.715	HH	87977	2185940	17.50%	0.249%
440	24.730	24.715	24.800	HH	85830	4301262	34.43%	0.491%
441	24.808	24.800	24.819	HH	83418	926170	7.41%	0.106%
442	24.828	24.819	24.839	HH	83111	1031763	8.26%	0.118%
443	24.879	24.839	24.888	HH	85694	2466427	19.74%	0.281%
444	24.898	24.888	24.941	HH	85835	2698966	21.61%	0.308%
445	24.969	24.941	24.980	HH	83607	1934994	15.49%	0.221%
446	24.998	24.980	25.011	HH	83856	1549340	12.40%	0.177%
447	25.129	25.011	25.153	HH	87567	7262219	58.14%	0.829%
448	25.178	25.153	25.292	HH	88083	7116319	56.97%	0.812%
449	25.340	25.292	25.349	HH	83838	2841837	22.75%	0.324%
450	25.384	25.349	25.399	HH	86994	2548766	20.40%	0.291%
451	25.416	25.399	25.439	HH	85053	2022643	16.19%	0.231%
452	25.457	25.439	25.465	HH	84422	1343356	10.75%	0.153%
453	25.505	25.465	25.520	HH	85062	2765194	22.14%	0.316%
454	25.561	25.520	25.602	HHA	85126	4205955	33.67%	0.480%

Sum of corrected areas: 876302795

C44-FE082118.M Wed Sep 12 11:13:23 2018 rteres.txt