

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091118\
 Data File : FE028613.D
 Signal(s) : FID1B.CH
 Acq On : 11 Sep 2018 13:02
 Sample : J4842-02 5X
 Misc :
 ALS Vial : 5 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	2.520	2.505	2.530	BH	69	330	0.00%	0.000%
2	2.554	2.530	2.580	PH	617	6468	0.04%	0.001%
3	2.588	2.580	2.598	PH	-49	-405	-0.00%	-0.000%
4	2.666	2.598	2.675	PH	245	3996	0.02%	0.000%
5	2.720	2.675	2.762	HH	318	8452	0.05%	0.001%
6	2.782	2.762	2.808	HH	773	10403	0.06%	0.001%
7	2.832	2.808	2.862	HH	2067	27405	0.17%	0.002%
8	2.885	2.862	2.900	HH	2500	20863	0.13%	0.002%
9	2.911	2.900	2.942	HH	1131	13314	0.08%	0.001%
10	2.951	2.942	3.001	HH	398	8189	0.05%	0.001%
11	3.020	3.001	3.066	HH	15351	136919	0.83%	0.012%
12	3.075	3.066	3.094	HH	476	5718	0.03%	0.001%
13	3.118	3.094	3.133	HH	1989	20900	0.13%	0.002%
14	3.151	3.133	3.186	HH	769	19116	0.12%	0.002%
15	3.205	3.186	3.227	HH	1574	25525	0.15%	0.002%
16	3.239	3.227	3.252	HH	787	9463	0.06%	0.001%
17	3.280	3.252	3.302	HH	2914	41865	0.25%	0.004%
18	3.336	3.302	3.362	HH	1748	33977	0.20%	0.003%
19	3.369	3.362	3.378	HH	797	7020	0.04%	0.001%
20	3.404	3.378	3.417	HH	4697	59728	0.36%	0.005%
21	3.428	3.417	3.448	HH	3382	33244	0.20%	0.003%
22	3.476	3.448	3.512	HH	829	25375	0.15%	0.002%
23	3.530	3.512	3.545	HH	1360	17516	0.11%	0.002%
24	3.576	3.545	3.589	HH	5952	63535	0.38%	0.006%
25	3.602	3.589	3.618	HH	5720	54828	0.33%	0.005%
26	3.628	3.618	3.662	HH	1979	28757	0.17%	0.003%
27	3.683	3.662	3.691	HH	837	12598	0.08%	0.001%
28	3.711	3.691	3.724	HH	4526	49632	0.30%	0.004%
29	3.734	3.724	3.747	HH	3196	29907	0.18%	0.003%
30	3.779	3.747	3.812	HH	3972	82337	0.50%	0.007%
31	3.852	3.812	3.882	HH	10233	164324	0.99%	0.014%
32	3.903	3.882	3.925	HH	3595	67714	0.41%	0.006%
33	3.952	3.925	4.001	HH	12931	249049	1.50%	0.022%
34	4.026	4.001	4.041	HH	9803	130768	0.79%	0.011%
35	4.051	4.041	4.065	HH	4840	48375	0.29%	0.004%
36	4.082	4.065	4.115	HH	7579	117906	0.71%	0.010%

rteres.txt								
37	4.129	4.115	4.146	HH	15962	141843	0.86%	0.012%
38	4.169	4.146	4.193	HH	12450	213683	1.29%	0.019%
39	4.202	4.193	4.219	HH	7022	78932	0.48%	0.007%
40	4.249	4.219	4.267	HH	16228	241826	1.46%	0.021%
41	4.278	4.267	4.296	HH	13493	174549	1.05%	0.015%
42	4.318	4.296	4.330	HH	11333	167642	1.01%	0.015%
43	4.347	4.330	4.371	HH	17551	243037	1.47%	0.021%
44	4.383	4.371	4.387	HH	4003	35756	0.22%	0.003%
45	4.432	4.387	4.446	HH	20411	363211	2.19%	0.032%
46	4.461	4.446	4.486	HH	22429	308387	1.86%	0.027%
47	4.500	4.486	4.538	HH	13541	224345	1.35%	0.020%
48	4.572	4.538	4.590	HH	17370	288131	1.74%	0.025%
49	4.613	4.590	4.628	HH	15143	247939	1.50%	0.022%
50	4.650	4.628	4.687	HH	29883	498881	3.01%	0.044%
51	4.703	4.687	4.752	HH	31458	576934	3.48%	0.051%
52	4.763	4.752	4.787	HH	10681	160629	0.97%	0.014%
53	4.815	4.787	4.842	HH	18818	423152	2.55%	0.037%
54	4.858	4.842	4.892	HH	33271	633854	3.82%	0.056%
55	4.906	4.892	4.924	HH	70433	692717	4.18%	0.061%
56	4.941	4.924	4.974	HH	47415	788802	4.76%	0.069%
57	4.988	4.974	5.001	HH	33287	354434	2.14%	0.031%
58	5.027	5.001	5.050	HH	31476	674944	4.07%	0.059%
59	5.069	5.050	5.094	HH	58114	834472	5.03%	0.073%
60	5.137	5.094	5.158	HH	66205	1161567	7.01%	0.102%
61	5.192	5.158	5.239	HH	28418	1050403	6.34%	0.092%
62	5.263	5.239	5.276	HH	39575	508852	3.07%	0.045%
63	5.293	5.276	5.317	HH	55018	887901	5.36%	0.078%
64	5.332	5.317	5.345	HH	48841	593653	3.58%	0.052%
65	5.355	5.345	5.367	HH	38105	403570	2.43%	0.035%
66	5.383	5.367	5.421	HH	72603	1613817	9.74%	0.142%
67	5.431	5.421	5.446	HH	35137	422910	2.55%	0.037%
68	5.466	5.446	5.479	HH	25939	442841	2.67%	0.039%
69	5.500	5.479	5.528	HH	58142	1059657	6.39%	0.093%
70	5.592	5.528	5.607	HH	64456	2216138	13.37%	0.194%
71	5.623	5.607	5.640	HH	55617	876974	5.29%	0.077%
72	5.649	5.640	5.675	HH	42965	698166	4.21%	0.061%
73	5.704	5.675	5.717	HH	84495	1322496	7.98%	0.116%
74	5.732	5.717	5.753	HH	121714	1455754	8.78%	0.128%
75	5.768	5.753	5.805	HH	54532	1151099	6.94%	0.101%
76	5.834	5.805	5.845	HH	47027	851682	5.14%	0.075%
77	5.852	5.845	5.864	HH	41408	435154	2.63%	0.038%
78	5.889	5.864	5.925	HH	161450	2773472	16.73%	0.243%
79	5.939	5.925	5.958	HH	58416	956113	5.77%	0.084%
80	5.980	5.958	5.987	HH	114760	1354499	8.17%	0.119%
81	5.999	5.987	6.025	HH	135176	1922170	11.60%	0.169%
82	6.043	6.025	6.059	HH	127479	1513805	9.13%	0.133%
83	6.108	6.059	6.136	HH	77422	2551516	15.39%	0.224%
84	6.158	6.136	6.180	HH	78398	1380280	8.33%	0.121%
85	6.204	6.180	6.224	HH	102003	2004485	12.09%	0.176%
86	6.256	6.224	6.272	HH	97990	2341917	14.13%	0.205%
87	6.295	6.272	6.318	HH	121126	2305881	13.91%	0.202%
88	6.338	6.318	6.350	HH	90118	1457270	8.79%	0.128%
89	6.362	6.350	6.374	HH	90328	1150650	6.94%	0.101%

rteres.txt								
90	6.399	6.374	6.417	HH	158211	2736877	16.51%	0.240%
91	6.447	6.417	6.462	HH	123874	2627146	15.85%	0.230%
92	6.475	6.462	6.486	HH	107080	1369087	8.26%	0.120%
93	6.523	6.486	6.544	HH	119944	3533332	21.32%	0.310%
94	6.564	6.544	6.586	HH	138940	2464489	14.87%	0.216%
95	6.617	6.586	6.632	HH	143644	2919304	17.61%	0.256%
96	6.641	6.632	6.658	HH	120273	1676885	10.12%	0.147%
97	6.671	6.658	6.692	HH	104734	1894591	11.43%	0.166%
98	6.707	6.692	6.731	HH	106672	2018708	12.18%	0.177%
99	6.774	6.731	6.785	HH	102691	2803361	16.91%	0.246%
100	6.802	6.785	6.811	HH	109256	1592610	9.61%	0.140%
101	6.833	6.811	6.854	HH	403045	5321041	32.10%	0.467%
102	6.885	6.854	6.928	HH	204208	5843586	35.25%	0.512%
103	6.963	6.928	6.987	HH	166710	4098225	24.72%	0.359%
104	7.012	6.987	7.036	HH	214196	4284863	25.85%	0.376%
105	7.046	7.036	7.057	HH	131277	1501478	9.06%	0.132%
106	7.070	7.057	7.084	HH	128912	2032286	12.26%	0.178%
107	7.098	7.084	7.117	HH	168754	2587447	15.61%	0.227%
108	7.162	7.117	7.172	HH	139961	4093671	24.70%	0.359%
109	7.199	7.172	7.231	HH	226063	6046451	36.48%	0.530%
110	7.248	7.231	7.285	HH	253337	5638901	34.02%	0.494%
111	7.303	7.285	7.315	HH	168986	2752317	16.60%	0.241%
112	7.347	7.315	7.372	HH	190025	5364241	32.36%	0.470%
113	7.393	7.372	7.408	HH	508840	6387129	38.53%	0.560%
114	7.418	7.408	7.439	HH	244340	3676753	22.18%	0.322%
115	7.462	7.439	7.480	HH	182352	3984644	24.04%	0.349%
116	7.498	7.480	7.518	HH	236688	4015643	24.22%	0.352%
117	7.542	7.518	7.562	HH	171021	3999435	24.13%	0.351%
118	7.583	7.562	7.595	HH	195452	3345841	20.18%	0.293%
119	7.606	7.595	7.612	HH	179434	1817873	10.97%	0.159%
120	7.620	7.612	7.653	HH	180111	4003398	24.15%	0.351%
121	7.669	7.653	7.689	HH	193540	3713354	22.40%	0.326%
122	7.712	7.689	7.726	HH	206146	4120891	24.86%	0.361%
123	7.734	7.726	7.746	HH	181679	2017485	12.17%	0.177%
124	7.756	7.746	7.765	HH	175096	1950579	11.77%	0.171%
125	7.790	7.765	7.833	HH	287419	8859204	53.44%	0.777%
126	7.843	7.833	7.868	HH	184627	3424725	20.66%	0.300%
127	7.925	7.868	7.945	HH	255014	8092489	48.82%	0.710%
128	7.960	7.945	8.008	HH	289489	7556233	45.58%	0.663%
129	8.066	8.008	8.082	HH	246624	8362619	50.45%	0.733%
130	8.094	8.082	8.112	HH	227560	3780686	22.81%	0.331%
131	8.140	8.112	8.158	HH	259821	5587098	33.70%	0.490%
132	8.190	8.158	8.203	HH	241501	5499856	33.18%	0.482%
133	8.215	8.203	8.227	HH	235353	3115322	18.79%	0.273%
134	8.242	8.227	8.290	HH	299455	8298498	50.06%	0.728%
135	8.316	8.290	8.366	HH	815609	15844641	95.58%	1.389%
136	8.379	8.366	8.393	HH	224566	3459457	20.87%	0.303%
137	8.408	8.393	8.419	HH	264843	3613600	21.80%	0.317%
138	8.437	8.419	8.450	HH	427227	5823093	35.13%	0.511%
139	8.463	8.450	8.480	HH	417977	5872648	35.43%	0.515%
140	8.492	8.480	8.509	HH	290366	4346694	26.22%	0.381%
141	8.541	8.509	8.567	HH	340807	8692693	52.44%	0.762%

					rteres.txt			
142	8.606	8.567	8.626	HH	323575	9616893	58.02%	0.843%
143	8.638	8.626	8.651	HH	239934	3274610	19.75%	0.287%
144	8.672	8.651	8.701	HH	393430	8327124	50.23%	0.730%
145	8.720	8.701	8.739	HH	263171	5378928	32.45%	0.472%
146	8.777	8.739	8.811	HH	274976	10053758	60.65%	0.882%
147	8.823	8.811	8.835	HH	197472	2691310	16.24%	0.236%
148	8.858	8.835	8.877	HH	298910	6027936	36.36%	0.529%
149	8.905	8.877	8.935	HH	274544	8376002	50.53%	0.734%
150	8.969	8.935	8.992	HH	416183	9718166	58.63%	0.852%
151	9.037	8.992	9.058	HH	913076	16576533	100.00%	1.453%
152	9.075	9.058	9.094	HH	268922	4749343	28.65%	0.416%
153	9.119	9.094	9.133	HH	261597	5411686	32.65%	0.475%
154	9.156	9.133	9.171	HH	374448	6676374	40.28%	0.585%
155	9.185	9.171	9.219	HH	290978	7149053	43.13%	0.627%
156	9.275	9.219	9.291	HH	296109	10749285	64.85%	0.943%
157	9.303	9.291	9.314	HH	275011	3474534	20.96%	0.305%
158	9.329	9.314	9.347	HH	359775	5694784	34.35%	0.499%
159	9.372	9.347	9.388	HH	390787	6780134	40.90%	0.594%
160	9.402	9.388	9.442	HH	263715	7081736	42.72%	0.621%
161	9.457	9.442	9.466	HH	213736	2998020	18.09%	0.263%
162	9.488	9.466	9.505	HH	342154	5969235	36.01%	0.523%
163	9.520	9.505	9.535	HH	306660	4321572	26.07%	0.379%
164	9.555	9.535	9.585	HH	218748	5987123	36.12%	0.525%
165	9.624	9.585	9.642	HH	336524	8512652	51.35%	0.746%
166	9.654	9.642	9.672	HH	236575	3782842	22.82%	0.332%
167	9.698	9.672	9.716	HH	285877	6121115	36.93%	0.537%
168	9.732	9.716	9.751	HH	295662	4958210	29.91%	0.435%
169	9.774	9.751	9.838	HH	315087	12426899	74.97%	1.090%
170	9.855	9.838	9.869	HH	268559	4129983	24.91%	0.362%
171	9.881	9.869	9.895	HH	225075	3151370	19.01%	0.276%
172	9.905	9.895	9.929	HH	216111	4020703	24.26%	0.353%
173	9.944	9.929	9.972	HH	187659	4439045	26.78%	0.389%
174	9.985	9.972	9.997	HH	163231	2446848	14.76%	0.215%
175	10.056	9.997	10.087	HH	233229	10778738	65.02%	0.945%
176	10.101	10.087	10.115	HH	199129	3248572	19.60%	0.285%
177	10.129	10.115	10.146	HH	211769	3550237	21.42%	0.311%
178	10.162	10.146	10.175	HH	189585	3046140	18.38%	0.267%
179	10.196	10.175	10.253	HH	181448	7632521	46.04%	0.669%
180	10.289	10.253	10.317	HH	176560	5951465	35.90%	0.522%
181	10.327	10.317	10.362	HH	149527	3798789	22.92%	0.333%
182	10.379	10.362	10.401	HH	154746	3193468	19.26%	0.280%
183	10.449	10.401	10.463	HH	178558	5452724	32.89%	0.478%
184	10.489	10.463	10.518	HH	462647	8344017	50.34%	0.732%
185	10.533	10.518	10.541	HH	142235	1819424	10.98%	0.160%
186	10.558	10.541	10.572	HH	192656	3148821	19.00%	0.276%
187	10.586	10.572	10.611	HH	183223	3630697	21.90%	0.318%
188	10.634	10.611	10.669	HH	214616	5112617	30.84%	0.448%
189	10.713	10.669	10.746	HH	144925	5978849	36.07%	0.524%
190	10.769	10.746	10.799	HH	155979	4243660	25.60%	0.372%
191	10.837	10.799	10.857	HH	156605	4648276	28.04%	0.408%
192	10.876	10.857	10.887	HH	144546	2397933	14.47%	0.210%
193	10.915	10.887	11.000	HH	650851	14528114	87.64%	1.274%
194	11.012	11.000	11.031	HH	107197	1872872	11.30%	0.164%

rteres.txt								
195	11.049	11.031	11.065	HH	105901	2054998	12.40%	0.180%
196	11.089	11.065	11.103	HH	110261	2364859	14.27%	0.207%
197	11.120	11.103	11.155	HH	127177	3278284	19.78%	0.287%
198	11.177	11.155	11.195	HH	106112	2355092	14.21%	0.206%
199	11.207	11.195	11.211	HH	94303	871348	5.26%	0.076%
200	11.232	11.211	11.272	HH	128321	3634926	21.93%	0.319%
201	11.292	11.272	11.305	HH	88386	1685554	10.17%	0.148%
202	11.321	11.305	11.343	HH	91851	1981830	11.96%	0.174%
203	11.366	11.343	11.380	HH	83718	1787403	10.78%	0.157%
204	11.393	11.380	11.401	HH	84503	1035276	6.25%	0.091%
205	11.424	11.401	11.445	HH	93134	2275204	13.73%	0.199%
206	11.475	11.445	11.492	HH	88755	2393467	14.44%	0.210%
207	11.511	11.492	11.525	HH	92413	1734379	10.46%	0.152%
208	11.539	11.525	11.573	HH	103075	2408644	14.53%	0.211%
209	11.633	11.573	11.679	HH	210941	6313334	38.09%	0.554%
210	11.708	11.679	11.727	HH	72734	1891287	11.41%	0.166%
211	11.742	11.727	11.751	HH	63466	917026	5.53%	0.080%
212	11.772	11.751	11.789	HH	72672	1515082	9.14%	0.133%
213	11.805	11.789	11.820	HH	71594	1247675	7.53%	0.109%
214	11.846	11.820	11.881	HH	67047	2270709	13.70%	0.199%
215	11.921	11.881	11.935	HH	78728	2119743	12.79%	0.186%
216	11.951	11.935	11.998	HH	81161	2286931	13.80%	0.201%
217	12.025	11.998	12.043	HH	63175	1543782	9.31%	0.135%
218	12.070	12.043	12.086	HH	70720	1569559	9.47%	0.138%
219	12.103	12.086	12.148	HH	69127	2107387	12.71%	0.185%
220	12.192	12.148	12.246	HH	77705	3466867	20.91%	0.304%
221	12.256	12.246	12.272	HH	51956	760404	4.59%	0.067%
222	12.292	12.272	12.305	HH	48612	943979	5.69%	0.083%
223	12.324	12.305	12.388	HH	52196	2268321	13.68%	0.199%
224	12.421	12.388	12.438	HH	47823	1321831	7.97%	0.116%
225	12.460	12.438	12.518	HH	47030	2068403	12.48%	0.181%
226	12.532	12.518	12.551	HH	42669	804361	4.85%	0.071%
227	12.575	12.551	12.590	HH	46863	989292	5.97%	0.087%
228	12.601	12.590	12.634	HH	41880	1048827	6.33%	0.092%
229	12.645	12.634	12.688	HH	40422	1262846	7.62%	0.111%
230	12.713	12.688	12.753	HH	49274	1575631	9.51%	0.138%
231	12.775	12.753	12.790	HH	41983	852246	5.14%	0.075%
232	12.824	12.790	12.839	HH	55984	1295798	7.82%	0.114%
233	12.854	12.839	12.875	HH	53484	995869	6.01%	0.087%
234	12.888	12.875	12.905	HH	41540	670189	4.04%	0.059%
235	12.916	12.905	12.927	HH	33892	436131	2.63%	0.038%
236	12.945	12.927	12.980	HH	36519	1094358	6.60%	0.096%
237	12.996	12.980	13.024	HH	33264	830762	5.01%	0.073%
238	13.043	13.024	13.053	HH	30951	520839	3.14%	0.046%
239	13.067	13.053	13.088	HH	32226	642953	3.88%	0.056%
240	13.098	13.088	13.112	HH	29543	405458	2.45%	0.036%
241	13.136	13.112	13.161	HH	32147	872522	5.26%	0.077%
242	13.181	13.161	13.209	HH	30115	848912	5.12%	0.074%
243	13.230	13.209	13.238	HH	28729	479050	2.89%	0.042%
244	13.267	13.238	13.293	HH	133551	2003898	12.09%	0.176%
245	13.308	13.293	13.323	HH	28229	495816	2.99%	0.043%
246	13.349	13.323	13.409	HH	35651	1517683	9.16%	0.133%

rteres.txt								
247	13.418	13.409	13.440	HH	27311	499724	3.01%	0.044%
248	13.465	13.440	13.495	HH	30870	880537	5.31%	0.077%
249	13.517	13.495	13.552	HH	31214	943805	5.69%	0.083%
250	13.573	13.552	13.619	HH	30693	1033021	6.23%	0.091%
251	13.636	13.619	13.651	HH	26844	472395	2.85%	0.041%
252	13.689	13.651	13.726	HH	26711	1133790	6.84%	0.099%
253	13.744	13.726	13.776	HH	25775	728682	4.40%	0.064%
254	13.794	13.776	13.809	HH	23880	454976	2.74%	0.040%
255	13.833	13.809	13.855	HH	24156	643399	3.88%	0.056%
256	13.873	13.855	13.881	HH	22962	353344	2.13%	0.031%
257	13.898	13.881	13.929	HH	24078	664468	4.01%	0.058%
258	13.954	13.929	13.979	HH	23870	685984	4.14%	0.060%
259	13.989	13.979	14.003	HH	23135	331629	2.00%	0.029%
260	14.018	14.003	14.037	HH	23097	460478	2.78%	0.040%
261	14.052	14.037	14.069	HH	25001	438220	2.64%	0.038%
262	14.117	14.069	14.148	HH	24278	1064786	6.42%	0.093%
263	14.158	14.148	14.174	HH	22007	333890	2.01%	0.029%
264	14.201	14.174	14.228	HH	21203	668399	4.03%	0.059%
265	14.244	14.228	14.261	HH	20307	387027	2.33%	0.034%
266	14.291	14.261	14.335	HH	24103	947016	5.71%	0.083%
267	14.351	14.335	14.372	HH	20523	450185	2.72%	0.039%
268	14.389	14.372	14.404	HH	20109	375249	2.26%	0.033%
269	14.449	14.404	14.476	HH	21688	895427	5.40%	0.079%
270	14.493	14.476	14.516	HH	20124	471288	2.84%	0.041%
271	14.540	14.516	14.560	HH	20933	532237	3.21%	0.047%
272	14.582	14.560	14.603	HH	21013	522628	3.15%	0.046%
273	14.618	14.603	14.640	HH	21214	455817	2.75%	0.040%
274	14.657	14.640	14.666	HH	20534	308882	1.86%	0.027%
275	14.691	14.666	14.728	HH	22042	773791	4.67%	0.068%
276	14.760	14.728	14.803	HH	22020	926485	5.59%	0.081%
277	14.822	14.803	14.840	HH	21051	438993	2.65%	0.038%
278	14.855	14.840	14.875	HH	20150	417814	2.52%	0.037%
279	14.899	14.875	14.924	HH	20782	581014	3.51%	0.051%
280	14.956	14.924	15.005	HH	79264	1641225	9.90%	0.144%
281	15.018	15.005	15.039	HH	19224	388761	2.35%	0.034%
282	15.058	15.039	15.092	HH	19529	602533	3.63%	0.053%
283	15.111	15.092	15.126	HH	19363	389383	2.35%	0.034%
284	15.177	15.126	15.195	HH	20830	823305	4.97%	0.072%
285	15.210	15.195	15.262	HH	21506	804298	4.85%	0.071%
286	15.277	15.262	15.292	HH	20862	367577	2.22%	0.032%
287	15.312	15.292	15.335	HH	20571	518731	3.13%	0.045%
288	15.346	15.335	15.392	HH	20814	695343	4.19%	0.061%
289	15.446	15.392	15.482	HH	21190	1078954	6.51%	0.095%
290	15.494	15.482	15.542	HH	20125	713215	4.30%	0.063%
291	15.574	15.542	15.587	HH	20761	545219	3.29%	0.048%
292	15.604	15.587	15.635	HH	21668	595340	3.59%	0.052%
293	15.651	15.635	15.664	HH	20166	342229	2.06%	0.030%
294	15.708	15.664	15.721	HH	22411	739098	4.46%	0.065%
295	15.732	15.721	15.753	HH	22082	409527	2.47%	0.036%
296	15.773	15.753	15.791	HH	21746	473991	2.86%	0.042%
297	15.813	15.791	15.835	HH	24657	594867	3.59%	0.052%
298	15.853	15.835	15.885	HH	23952	669745	4.04%	0.059%
299	15.928	15.885	15.942	HH	22978	761676	4.59%	0.067%

rteres.txt								
300	15.992	15.942	16.028	HH	24569	1219295	7.36%	0.107%
301	16.041	16.028	16.062	HH	23259	476390	2.87%	0.042%
302	16.107	16.062	16.128	HH	23742	915485	5.52%	0.080%
303	16.149	16.128	16.158	HH	24031	413178	2.49%	0.036%
304	16.186	16.158	16.208	HH	25668	744969	4.49%	0.065%
305	16.239	16.208	16.275	HH	25367	974077	5.88%	0.085%
306	16.285	16.275	16.305	HH	23920	427563	2.58%	0.037%
307	16.319	16.305	16.333	HH	24490	399569	2.41%	0.035%
308	16.348	16.333	16.377	HH	24423	625867	3.78%	0.055%
309	16.415	16.377	16.439	HH	27150	943794	5.69%	0.083%
310	16.454	16.439	16.466	HH	25244	407622	2.46%	0.036%
311	16.504	16.466	16.539	HH	27250	1137857	6.86%	0.100%
312	16.569	16.539	16.589	HH	26230	768736	4.64%	0.067%
313	16.619	16.589	16.648	HH	27502	933473	5.63%	0.082%
314	16.671	16.648	16.692	HH	29310	716735	4.32%	0.063%
315	16.706	16.692	16.729	HH	28686	608382	3.67%	0.053%
316	16.750	16.729	16.769	HH	26917	648230	3.91%	0.057%
317	16.798	16.769	16.808	HH	28032	635377	3.83%	0.056%
318	16.834	16.808	16.859	HH	29140	859763	5.19%	0.075%
319	16.899	16.859	16.941	HH	30337	1442035	8.70%	0.126%
320	16.996	16.941	17.005	HH	30608	1133603	6.84%	0.099%
321	17.032	17.005	17.083	HH	31973	1425939	8.60%	0.125%
322	17.100	17.083	17.114	HH	30981	568184	3.43%	0.050%
323	17.140	17.114	17.162	HH	37366	964757	5.82%	0.085%
324	17.191	17.162	17.210	HH	39183	1012377	6.11%	0.089%
325	17.223	17.210	17.240	HH	33922	588440	3.55%	0.052%
326	17.261	17.240	17.284	HH	33681	869000	5.24%	0.076%
327	17.299	17.284	17.317	HH	33194	656494	3.96%	0.058%
328	17.337	17.317	17.351	HH	34970	680425	4.10%	0.060%
329	17.367	17.351	17.387	HH	35144	747063	4.51%	0.066%
330	17.415	17.387	17.442	HH	36860	1167975	7.05%	0.102%
331	17.485	17.442	17.505	HH	37041	1347953	8.13%	0.118%
332	17.524	17.505	17.535	HH	36120	642756	3.88%	0.056%
333	17.558	17.535	17.570	HH	36803	762987	4.60%	0.067%
334	17.593	17.570	17.631	HH	50326	1476433	8.91%	0.129%
335	17.652	17.631	17.672	HH	38904	916140	5.53%	0.080%
336	17.690	17.672	17.706	HH	41345	822677	4.96%	0.072%
337	17.736	17.706	17.764	HH	41459	1378578	8.32%	0.121%
338	17.798	17.764	17.808	HH	40539	1044165	6.30%	0.092%
339	17.821	17.808	17.835	HH	40598	643209	3.88%	0.056%
340	17.858	17.835	17.870	HH	40352	845005	5.10%	0.074%
341	17.889	17.870	17.915	HH	41017	1065862	6.43%	0.093%
342	17.961	17.915	17.992	HH	44483	1974444	11.91%	0.173%
343	18.032	17.992	18.048	HH	55058	1593009	9.61%	0.140%
344	18.057	18.048	18.091	HH	47010	1137987	6.87%	0.100%
345	18.113	18.091	18.152	HH	47127	1644250	9.92%	0.144%
346	18.212	18.152	18.229	HH	56455	2257279	13.62%	0.198%
347	18.240	18.229	18.272	HH	52155	1268917	7.65%	0.111%
348	18.302	18.272	18.345	HH	49728	2104783	12.70%	0.185%
349	18.414	18.345	18.431	HH	53765	2580704	15.57%	0.226%
350	18.456	18.431	18.488	HH	59984	1817249	10.96%	0.159%
351	18.551	18.488	18.563	HH	55112	2317992	13.98%	0.203%

					rteres.txt			
352	18.583	18.563	18.626	HH	67037	2175538	13.12%	0.191%
353	18.649	18.626	18.669	HH	55129	1401197	8.45%	0.123%
354	18.682	18.669	18.699	HH	55442	1000570	6.04%	0.088%
355	18.739	18.699	18.762	HH	59757	2161589	13.04%	0.190%
356	18.772	18.762	18.809	HH	60091	1636652	9.87%	0.144%
357	18.868	18.809	18.918	HH	68943	3963700	23.91%	0.348%
358	18.926	18.918	18.935	HH	58703	574613	3.47%	0.050%
359	19.007	18.935	19.032	HH	69284	3595663	21.69%	0.315%
360	19.055	19.032	19.105	HH	70395	2853051	17.21%	0.250%
361	19.170	19.105	19.188	HH	67679	3273115	19.75%	0.287%
362	19.195	19.188	19.218	HH	67404	1189364	7.17%	0.104%
363	19.266	19.218	19.292	HH	75622	3087546	18.63%	0.271%
364	19.337	19.292	19.371	HH	73713	3300866	19.91%	0.289%
365	19.409	19.371	19.422	HH	75385	2209800	13.33%	0.194%
366	19.434	19.422	19.475	HH	75793	2387967	14.41%	0.209%
367	19.517	19.475	19.542	HH	75107	2955455	17.83%	0.259%
368	19.597	19.542	19.618	HH	78221	3470241	20.93%	0.304%
369	19.656	19.618	19.698	HH	85928	3897296	23.51%	0.342%
370	19.719	19.698	19.736	HH	83855	1848977	11.15%	0.162%
371	19.755	19.736	19.770	HH	83751	1678940	10.13%	0.147%
372	19.818	19.770	19.840	HH	85724	3487033	21.04%	0.306%
373	19.854	19.840	19.875	HH	85803	1794184	10.82%	0.157%
374	19.923	19.875	19.933	HH	89147	2984923	18.01%	0.262%
375	19.950	19.933	19.958	HH	89098	1370550	8.27%	0.120%
376	19.971	19.958	19.992	HH	89505	1772716	10.69%	0.155%
377	20.039	19.992	20.082	HH	99151	4999225	30.16%	0.438%
378	20.114	20.082	20.144	HH	96265	3524143	21.26%	0.309%
379	20.166	20.144	20.173	HH	94134	1637984	9.88%	0.144%
380	20.183	20.173	20.195	HH	95016	1218509	7.35%	0.107%
381	20.232	20.195	20.251	HH	100101	3279750	19.79%	0.288%
382	20.291	20.251	20.322	HH	102400	4237402	25.56%	0.372%
383	20.348	20.322	20.376	HH	105346	3362493	20.28%	0.295%
384	20.402	20.376	20.422	HH	107420	2891690	17.44%	0.254%
385	20.438	20.422	20.451	HH	105820	1840242	11.10%	0.161%
386	20.461	20.451	20.484	HH	104571	2072078	12.50%	0.182%
387	20.505	20.484	20.538	HH	109232	3436264	20.73%	0.301%
388	20.589	20.538	20.615	HH	107785	4855622	29.29%	0.426%
389	20.651	20.615	20.665	HH	110058	3214938	19.39%	0.282%
390	20.686	20.665	20.731	HH	107331	4211421	25.41%	0.369%
391	20.784	20.731	20.832	HH	109329	6472088	39.04%	0.567%
392	20.878	20.832	20.895	HH	106652	3994051	24.09%	0.350%
393	20.904	20.895	20.912	HH	106471	1099581	6.63%	0.096%
394	20.942	20.912	20.979	HH	110727	4364319	26.33%	0.383%
395	20.993	20.979	21.001	HH	107533	1404786	8.47%	0.123%
396	21.057	21.001	21.101	HH	110526	6490653	39.16%	0.569%
397	21.205	21.101	21.252	HH	111345	9729239	58.69%	0.853%
398	21.280	21.252	21.312	HH	107212	3789547	22.86%	0.332%
399	21.339	21.312	21.362	HH	105955	3144263	18.97%	0.276%
400	21.398	21.362	21.418	HH	106693	3591582	21.67%	0.315%
401	21.433	21.418	21.472	HH	107310	3402618	20.53%	0.298%
402	21.507	21.472	21.545	HH	107118	4664255	28.14%	0.409%
403	21.554	21.545	21.596	HH	107491	3229914	19.48%	0.283%
404	21.691	21.596	21.736	HH	108320	8864841	53.48%	0.777%

					rteres.txt			
405	21.748	21.736	21.766	HH	104856	1849518	11.16%	0.162%
406	21.794	21.766	21.851	HH	105015	5307411	32.02%	0.465%
407	21.863	21.851	21.870	HH	102981	1169506	7.06%	0.103%
408	21.880	21.870	21.893	HH	103562	1397206	8.43%	0.123%
409	21.903	21.893	21.918	HH	102890	1523366	9.19%	0.134%
410	21.953	21.918	21.992	HH	104212	4546858	27.43%	0.399%
411	22.000	21.992	22.018	HH	102558	1631839	9.84%	0.143%
412	22.038	22.018	22.065	HH	102302	2821003	17.02%	0.247%
413	22.081	22.065	22.117	HH	102449	3155836	19.04%	0.277%
414	22.161	22.117	22.175	HH	101859	3522198	21.25%	0.309%
415	22.238	22.175	22.346	HH	106921	10467021	63.14%	0.918%
416	22.384	22.346	22.456	HH	100301	6557750	39.56%	0.575%
417	22.521	22.456	22.558	HH	100178	6043399	36.46%	0.530%
418	22.575	22.558	22.585	HH	99228	1577244	9.51%	0.138%
419	22.604	22.585	22.648	HH	99134	3690593	22.26%	0.324%
420	22.676	22.648	22.728	HH	98183	4661389	28.12%	0.409%
421	22.736	22.728	22.768	HH	97343	2317568	13.98%	0.203%
422	22.807	22.768	22.822	HH	98003	3108200	18.75%	0.273%
423	22.854	22.822	22.902	HH	102067	4714175	28.44%	0.413%
424	22.913	22.902	22.918	HH	95079	899941	5.43%	0.079%
425	22.929	22.918	22.940	HH	96125	1277000	7.70%	0.112%
426	22.949	22.940	22.975	HH	95434	1974593	11.91%	0.173%
427	22.993	22.975	23.022	HH	96731	2680682	16.17%	0.235%
428	23.037	23.022	23.049	HH	95043	1527791	9.22%	0.134%
429	23.057	23.049	23.065	HH	94321	900883	5.43%	0.079%
430	23.112	23.065	23.159	HH	96339	5339400	32.21%	0.468%
431	23.184	23.159	23.199	HH	95359	2246788	13.55%	0.197%
432	23.207	23.199	23.220	HH	93189	1179407	7.11%	0.103%
433	23.245	23.220	23.279	HH	94416	3292866	19.86%	0.289%
434	23.289	23.279	23.385	HH	94049	5873832	35.43%	0.515%
435	23.422	23.385	23.447	HH	92566	3400874	20.52%	0.298%
436	23.466	23.447	23.488	HH	93049	2261559	13.64%	0.198%
437	23.511	23.488	23.525	HH	92996	2039952	12.31%	0.179%
438	23.562	23.525	23.642	HH	96028	6456838	38.95%	0.566%
439	23.648	23.642	23.691	HH	89757	2653136	16.01%	0.233%
440	23.701	23.691	23.732	HH	90246	2146308	12.95%	0.188%
441	23.743	23.732	23.769	HH	89415	1980657	11.95%	0.174%
442	23.784	23.769	23.815	HH	89857	2475315	14.93%	0.217%
443	23.825	23.815	23.862	HH	88193	2475656	14.93%	0.217%
444	23.873	23.862	23.897	HH	89556	1837481	11.08%	0.161%
445	23.905	23.897	23.925	HH	89376	1503666	9.07%	0.132%
446	23.975	23.925	23.983	HH	88112	3026513	18.26%	0.265%
447	23.997	23.983	24.012	HH	89208	1524913	9.20%	0.134%
448	24.025	24.012	24.071	HH	88666	3111657	18.77%	0.273%
449	24.085	24.071	24.096	HH	86890	1254463	7.57%	0.110%
450	24.119	24.096	24.140	HH	88123	2270136	13.69%	0.199%
451	24.150	24.140	24.168	HH	86360	1472015	8.88%	0.129%
452	24.175	24.168	24.204	HH	86387	1847791	11.15%	0.162%
453	24.215	24.204	24.227	HH	86070	1156847	6.98%	0.101%
454	24.246	24.227	24.265	HH	86669	1949535	11.76%	0.171%
455	24.285	24.265	24.305	HH	86675	2049292	12.36%	0.180%
456	24.311	24.305	24.322	HH	85503	845647	5.10%	0.074%

rteres.txt								
457	24.385	24.322	24.396	HH	89519	3797104	22.91%	0.333%
458	24.410	24.396	24.476	HH	89325	4136285	24.95%	0.363%
459	24.487	24.476	24.497	HH	84191	1075230	6.49%	0.094%
460	24.509	24.497	24.535	HH	83742	1850927	11.17%	0.162%
461	24.546	24.535	24.566	HH	84347	1557590	9.40%	0.137%
462	24.592	24.566	24.606	HH	83705	2009620	12.12%	0.176%
463	24.620	24.606	24.708	HH	84047	5070998	30.59%	0.445%
464	24.724	24.708	24.739	HH	82853	1484573	8.96%	0.130%
465	24.754	24.739	24.771	HH	82225	1573006	9.49%	0.138%
466	24.789	24.771	24.799	HH	81519	1397988	8.43%	0.123%
467	24.807	24.799	24.828	HH	81115	1391823	8.40%	0.122%
468	24.855	24.828	24.876	HH	81829	2314741	13.96%	0.203%
469	24.905	24.876	24.922	HH	82791	2243537	13.53%	0.197%
470	24.944	24.922	24.965	HH	82616	2110479	12.73%	0.185%
471	24.973	24.965	24.992	HH	80765	1310789	7.91%	0.115%
472	25.030	24.992	25.052	HH	80366	2829548	17.07%	0.248%
473	25.064	25.052	25.124	HH	80434	3419268	20.63%	0.300%
474	25.150	25.124	25.168	HH	79852	2092419	12.62%	0.183%
475	25.204	25.168	25.241	HH	79594	3437395	20.74%	0.301%
476	25.253	25.241	25.262	HH	78505	997568	6.02%	0.087%
477	25.282	25.262	25.326	HH	79013	3016411	18.20%	0.264%
478	25.365	25.326	25.374	HH	81807	2288251	13.80%	0.201%
479	25.385	25.374	25.435	HH	82510	2902326	17.51%	0.254%
480	25.444	25.435	25.492	HH	79151	2641581	15.94%	0.232%
481	25.505	25.492	25.524	HH	78053	1492480	9.00%	0.131%
482	25.546	25.524	25.556	HH	78465	1477368	8.91%	0.130%
483	25.561	25.556	25.586	HH	77639	1398809	8.44%	0.123%
Sum of corrected areas: 1140494257								

C44-FE082118.M Wed Sep 12 11:12:51 2018