

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091718\
 Data File : FE028657.D
 Signal(s) : FID1B.CH
 Acq On : 17 Sep 2018 17:43
 Sample : J4943-02
 Misc :
 ALS Vial : 12 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	2.556	2.535	2.618	BH	716	14326	0.09%	0.001%
2	2.727	2.618	2.809	HH	3682	102615	0.64%	0.007%
3	2.820	2.809	2.833	HH	932	8279	0.05%	0.001%
4	2.852	2.833	2.878	HH	825	15525	0.10%	0.001%
5	2.891	2.878	2.902	HH	814	8696	0.05%	0.001%
6	2.922	2.902	2.951	HH	1038	24230	0.15%	0.002%
7	2.959	2.951	2.969	HH	960	8157	0.05%	0.001%
8	2.978	2.969	2.999	HH	795	11808	0.07%	0.001%
9	3.016	2.999	3.095	HH	1064	40359	0.25%	0.003%
10	3.115	3.095	3.154	HH	2050	42798	0.27%	0.003%
11	3.184	3.154	3.224	HH	1724	48304	0.30%	0.003%
12	3.238	3.224	3.254	HH	1506	22676	0.14%	0.002%
13	3.269	3.254	3.318	HH	2287	56614	0.35%	0.004%
14	3.365	3.318	3.408	HH	4470	93402	0.58%	0.006%
15	3.418	3.408	3.441	HH	1198	21468	0.13%	0.001%
16	3.468	3.441	3.528	HH	3074	78964	0.49%	0.005%
17	3.580	3.528	3.600	HH	1396	48213	0.30%	0.003%
18	3.612	3.600	3.626	HH	1189	17030	0.11%	0.001%
19	3.646	3.626	3.671	HH	1678	35834	0.22%	0.002%
20	3.696	3.671	3.740	HH	1475	49377	0.31%	0.003%
21	3.758	3.740	3.767	HH	1257	19247	0.12%	0.001%
22	3.784	3.767	3.805	HH	1734	32083	0.20%	0.002%
23	3.819	3.805	3.848	HH	1395	32597	0.20%	0.002%
24	3.889	3.848	3.938	HH	2350	85880	0.54%	0.006%
25	3.955	3.938	3.985	HH	2832	55782	0.35%	0.004%
26	4.015	3.985	4.038	HH	1701	49070	0.31%	0.003%
27	4.091	4.038	4.141	HH	1889	104470	0.65%	0.007%
28	4.163	4.141	4.227	HH	1865	79715	0.50%	0.005%
29	4.248	4.227	4.313	HH	18374	258558	1.62%	0.017%
30	4.336	4.313	4.388	HH	2912	95723	0.60%	0.006%
31	4.398	4.388	4.406	HH	1820	19217	0.12%	0.001%
32	4.422	4.406	4.435	HH	2239	33877	0.21%	0.002%
33	4.449	4.435	4.478	HH	4437	73719	0.46%	0.005%
34	4.488	4.478	4.514	HH	2106	39553	0.25%	0.003%
35	4.536	4.514	4.560	HH	2009	50636	0.32%	0.003%
36	4.588	4.560	4.629	HH	2472	78396	0.49%	0.005%

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37	4.651	4.629	4.662	HH	2391	38774	0.24%	0.003%	
38	4.680	4.662	4.695	HH	2227	41663	0.26%	0.003%	
39	4.725	4.695	4.771	HH	2425	94223	0.59%	0.006%	
40	4.805	4.771	4.830	HH	4180	100862	0.63%	0.007%	
41	4.842	4.830	4.922	HH	3565	124701	0.78%	0.008%	
42	4.939	4.922	4.971	HH	2176	53658	0.34%	0.004%	
43	5.004	4.971	5.066	HH	2597	121897	0.76%	0.008%	
44	5.083	5.066	5.100	HH	2311	41030	0.26%	0.003%	
45	5.112	5.100	5.121	HH	2118	25393	0.16%	0.002%	
46	5.128	5.121	5.142	HH	2109	25238	0.16%	0.002%	
47	5.153	5.142	5.168	HH	2091	29525	0.18%	0.002%	
48	5.195	5.168	5.204	HH	1889	38998	0.24%	0.003%	
49	5.254	5.204	5.278	HH	2503	96457	0.60%	0.006%	
50	5.291	5.278	5.315	HH	2239	46691	0.29%	0.003%	
51	5.339	5.315	5.373	HH	2745	85688	0.54%	0.006%	
52	5.396	5.373	5.415	HH	2885	60437	0.38%	0.004%	
53	5.431	5.415	5.493	HH	2688	101950	0.64%	0.007%	
54	5.513	5.493	5.539	HH	7649	107968	0.67%	0.007%	
55	5.551	5.539	5.561	HH	2546	31320	0.20%	0.002%	
56	5.576	5.561	5.615	HH	2432	68300	0.43%	0.005%	
57	5.660	5.615	5.678	HH	2148	75598	0.47%	0.005%	
58	5.713	5.678	5.722	HH	2580	62431	0.39%	0.004%	
59	5.735	5.722	5.748	HH	3051	41381	0.26%	0.003%	
60	5.771	5.748	5.784	HH	2729	56015	0.35%	0.004%	
61	5.820	5.784	5.861	HH	3504	130345	0.81%	0.009%	
62	5.884	5.861	5.922	HH	2433	82699	0.52%	0.006%	
63	5.960	5.922	5.985	HH	2525	88362	0.55%	0.006%	
64	6.008	5.985	6.021	HH	2749	51724	0.32%	0.003%	
65	6.036	6.021	6.080	HH	2958	87541	0.55%	0.006%	
66	6.109	6.080	6.128	HH	2370	63143	0.39%	0.004%	
67	6.146	6.128	6.197	HH	3083	108398	0.68%	0.007%	
68	6.223	6.197	6.236	HH	3257	66157	0.41%	0.004%	
69	6.273	6.236	6.305	HH	3931	139055	0.87%	0.009%	
70	6.320	6.305	6.355	HH	3282	86769	0.54%	0.006%	
71	6.386	6.355	6.396	HH	3547	73649	0.46%	0.005%	
72	6.405	6.396	6.434	HH	3481	70254	0.44%	0.005%	
73	6.455	6.434	6.468	HH	3396	62330	0.39%	0.004%	
74	6.479	6.468	6.498	HH	3261	53651	0.34%	0.004%	
75	6.525	6.498	6.544	HH	5148	102039	0.64%	0.007%	
76	6.560	6.544	6.586	HH	3845	87040	0.54%	0.006%	
77	6.605	6.586	6.665	HH	4032	165657	1.04%	0.011%	
78	6.699	6.665	6.733	HH	3352	129197	0.81%	0.009%	
79	6.762	6.733	6.797	HH	3807	128348	0.80%	0.009%	
80	6.815	6.797	6.868	HH	4895	155634	0.97%	0.010%	
81	6.890	6.868	6.914	HH	3932	95256	0.60%	0.006%	
82	6.931	6.914	6.951	HH	4253	78799	0.49%	0.005%	
83	6.966	6.951	6.988	HH	3434	71141	0.44%	0.005%	
84	7.025	6.988	7.041	HH	3575	104130	0.65%	0.007%	
85	7.053	7.041	7.064	HH	3543	47107	0.29%	0.003%	
86	7.089	7.064	7.108	HH	3877	93134	0.58%	0.006%	
87	7.117	7.108	7.129	HH	3545	44860	0.28%	0.003%	
88	7.181	7.129	7.288	HH	4516	374265	2.34%	0.025%	
89	7.318	7.288	7.331	HH	4158	101343	0.63%	0.007%	

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90	7.346	7.331	7.400	HH	5017	177078	1.11%	0.012%
91	7.412	7.400	7.428	HH	3812	60294	0.38%	0.004%
92	7.449	7.428	7.461	HH	4723	85731	0.54%	0.006%
93	7.479	7.461	7.541	HH	6562	225072	1.41%	0.015%
94	7.555	7.541	7.578	HH	4506	94523	0.59%	0.006%
95	7.607	7.578	7.622	HH	4704	118875	0.74%	0.008%
96	7.632	7.622	7.650	HH	4430	70380	0.44%	0.005%
97	7.663	7.650	7.678	HH	4442	72275	0.45%	0.005%
98	7.698	7.678	7.760	HH	5479	244072	1.53%	0.016%
99	7.774	7.760	7.785	HH	5163	73954	0.46%	0.005%
100	7.795	7.785	7.811	HH	4940	76892	0.48%	0.005%
101	7.831	7.811	7.868	HH	5385	171120	1.07%	0.011%
102	7.914	7.868	7.937	HH	8261	244921	1.53%	0.016%
103	7.957	7.937	7.978	HH	6516	148529	0.93%	0.010%
104	7.983	7.978	7.996	HH	6236	67158	0.42%	0.005%
105	8.013	7.996	8.028	HH	6595	120768	0.75%	0.008%
106	8.064	8.028	8.131	HH	9138	457525	2.86%	0.031%
107	8.197	8.131	8.215	HH	7593	333702	2.09%	0.022%
108	8.235	8.215	8.251	HH	9353	170566	1.07%	0.011%
109	8.261	8.251	8.285	HH	7911	151331	0.95%	0.010%
110	8.305	8.285	8.332	HH	8524	224386	1.40%	0.015%
111	8.379	8.332	8.407	HH	12352	430862	2.69%	0.029%
112	8.422	8.407	8.435	HH	9040	146272	0.91%	0.010%
113	8.451	8.435	8.464	HH	9488	158930	0.99%	0.011%
114	8.523	8.464	8.531	HH	11283	413320	2.58%	0.028%
115	8.552	8.531	8.576	HH	63331	743861	4.65%	0.050%
116	8.583	8.576	8.597	HH	11333	141306	0.88%	0.009%
117	8.624	8.597	8.640	HH	15276	339754	2.12%	0.023%
118	8.662	8.640	8.694	HH	33598	597383	3.73%	0.040%
119	8.714	8.694	8.732	HH	13899	287535	1.80%	0.019%
120	8.763	8.732	8.782	HH	15779	434454	2.72%	0.029%
121	8.792	8.782	8.818	HH	13515	280693	1.75%	0.019%
122	8.839	8.818	8.847	HH	18188	270708	1.69%	0.018%
123	8.856	8.847	8.870	HH	18613	235921	1.47%	0.016%
124	8.893	8.870	8.909	HH	25032	475448	2.97%	0.032%
125	8.923	8.909	8.939	HH	23557	365645	2.29%	0.025%
126	8.960	8.939	8.983	HH	49593	804168	5.03%	0.054%
127	9.000	8.983	9.010	HH	30301	417224	2.61%	0.028%
128	9.025	9.010	9.048	HH	38136	614041	3.84%	0.041%
129	9.105	9.048	9.118	HH	22293	866867	5.42%	0.058%
130	9.136	9.118	9.145	HH	27818	391497	2.45%	0.026%
131	9.157	9.145	9.194	HH	27933	757369	4.73%	0.051%
132	9.244	9.194	9.281	HH	34627	1454965	9.09%	0.098%
133	9.306	9.281	9.329	HH	30407	798708	4.99%	0.054%
134	9.370	9.329	9.382	HH	30611	893411	5.58%	0.060%
135	9.399	9.382	9.430	HH	31948	883049	5.52%	0.059%
136	9.437	9.430	9.450	HH	28528	348760	2.18%	0.023%
137	9.485	9.450	9.503	HH	33604	994468	6.22%	0.067%
138	9.530	9.503	9.552	HH	53919	1190132	7.44%	0.080%
139	9.580	9.552	9.594	HH	38917	951714	5.95%	0.064%
140	9.641	9.594	9.656	HH	66819	1861272	11.63%	0.125%
141	9.674	9.656	9.685	HH	69950	1060206	6.63%	0.071%

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142	9.696	9.685	9.707	HH	70395	836428	5.23%	0.056%
143	9.724	9.707	9.754	HH	114445	2053558	12.83%	0.138%
144	9.775	9.754	9.786	HH	57680	981848	6.14%	0.066%
145	9.802	9.786	9.818	HH	62467	1130611	7.07%	0.076%
146	9.832	9.818	9.847	HH	57004	951791	5.95%	0.064%
147	9.865	9.847	9.875	HH	57377	909903	5.69%	0.061%
148	9.890	9.875	9.910	HH	60966	1235268	7.72%	0.083%
149	9.925	9.910	9.939	HH	64772	1089398	6.81%	0.073%
150	9.949	9.939	9.964	HH	61200	873322	5.46%	0.059%
151	9.985	9.964	9.994	HH	63419	1089801	6.81%	0.073%
152	10.006	9.994	10.018	HH	66226	932563	5.83%	0.063%
153	10.032	10.018	10.041	HH	68945	929898	5.81%	0.062%
154	10.048	10.041	10.065	HH	66875	925098	5.78%	0.062%
155	10.079	10.065	10.096	HH	68448	1276128	7.98%	0.086%
156	10.130	10.096	10.146	HH	75407	2128748	13.30%	0.143%
157	10.159	10.146	10.171	HH	75744	1132624	7.08%	0.076%
158	10.204	10.171	10.215	HH	81636	2051616	12.82%	0.138%
159	10.227	10.215	10.250	HH	82797	1710119	10.69%	0.115%
160	10.281	10.250	10.290	HH	87989	2035776	12.72%	0.137%
161	10.349	10.290	10.360	HH	96508	3858178	24.11%	0.259%
162	10.379	10.360	10.397	HH	101305	2174236	13.59%	0.146%
163	10.427	10.397	10.443	HH	109719	2807939	17.55%	0.189%
164	10.494	10.443	10.517	HH	121609	5002893	31.27%	0.336%
165	10.538	10.517	10.555	HH	127252	2763057	17.27%	0.186%
166	10.594	10.555	10.615	HH	130832	4513822	28.21%	0.303%
167	10.622	10.615	10.632	HH	130576	1346384	8.41%	0.090%
168	10.649	10.632	10.678	HH	138021	3665483	22.91%	0.246%
169	10.715	10.678	10.725	HH	138267	3736649	23.35%	0.251%
170	10.770	10.725	10.785	HH	150136	5211346	32.57%	0.350%
171	10.841	10.785	10.858	HH	162671	6720142	42.00%	0.451%
172	10.915	10.858	10.942	HH	236443	9052302	56.57%	0.608%
173	10.956	10.942	10.978	HH	174857	3739833	23.37%	0.251%
174	10.996	10.978	11.007	HH	178332	3086600	19.29%	0.207%
175	11.097	11.007	11.108	HH	188444	10924188	68.27%	0.734%
176	11.125	11.108	11.142	HH	229349	4227992	26.42%	0.284%
177	11.153	11.142	11.161	HH	193968	2130135	13.31%	0.143%
178	11.206	11.161	11.223	HH	209694	7593196	47.46%	0.510%
179	11.238	11.223	11.264	HH	211764	5012503	31.33%	0.337%
180	11.284	11.264	11.318	HH	215954	6735331	42.09%	0.452%
181	11.338	11.318	11.351	HH	224312	4333431	27.08%	0.291%
182	11.415	11.351	11.432	HH	237547	10848473	67.80%	0.729%
183	11.440	11.432	11.460	HH	229149	3809952	23.81%	0.256%
184	11.525	11.460	11.538	HH	248617	10968843	68.55%	0.737%
185	11.553	11.538	11.580	HH	254095	6200573	38.75%	0.417%
186	11.598	11.580	11.610	HH	247481	4340736	27.13%	0.292%
187	11.646	11.610	11.690	HH	312408	12521381	78.26%	0.841%
188	11.716	11.690	11.734	HH	253991	6606761	41.29%	0.444%
189	11.751	11.734	11.768	HH	266528	5234657	32.72%	0.352%
190	11.802	11.768	11.831	HH	377476	11273580	70.46%	0.757%
191	11.868	11.831	11.915	HH	287977	13559711	84.74%	0.911%
192	11.941	11.915	11.952	HH	303560	6375456	39.84%	0.428%
193	11.962	11.952	12.008	HH	302160	9703352	60.64%	0.652%
194	12.037	12.008	12.065	HH	298454	9736484	60.85%	0.654%

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195	12.083	12.065	12.105	HH	347419	7486381	46.79%	0.503%
196	12.117	12.105	12.172	HH	298962	11652416	72.82%	0.783%
197	12.203	12.172	12.230	HH	349219	10827286	67.67%	0.727%
198	12.247	12.230	12.275	HH	308437	7914312	49.46%	0.532%
199	12.299	12.275	12.345	HH	335192	13101397	81.88%	0.880%
200	12.356	12.345	12.382	HH	316031	6780304	42.38%	0.455%
201	12.405	12.382	12.431	HH	314833	8986840	56.17%	0.604%
202	12.453	12.431	12.466	HH	298400	6130361	38.31%	0.412%
203	12.492	12.466	12.531	HH	331447	12310043	76.93%	0.827%
204	12.550	12.531	12.593	HH	334948	11704735	73.15%	0.786%
205	12.626	12.593	12.640	HH	329099	8471211	52.94%	0.569%
206	12.653	12.640	12.668	HH	327075	5373287	33.58%	0.361%
207	12.680	12.668	12.714	HH	311828	8039850	50.25%	0.540%
208	12.736	12.714	12.754	HH	313657	7226140	45.16%	0.485%
209	12.764	12.754	12.781	HH	295154	4650608	29.07%	0.312%
210	12.808	12.781	12.823	HH	293887	7356876	45.98%	0.494%
211	12.844	12.823	12.859	HH	311527	6337815	39.61%	0.426%
212	12.871	12.859	12.888	HH	301864	5113769	31.96%	0.344%
213	12.903	12.888	12.921	HH	299269	5753490	35.96%	0.387%
214	12.941	12.921	12.950	HH	291024	5083211	31.77%	0.341%
215	12.972	12.950	12.995	HH	408918	8874774	55.46%	0.596%
216	13.009	12.995	13.041	HH	303168	8108656	50.68%	0.545%
217	13.057	13.041	13.069	HH	293656	4726277	29.54%	0.317%
218	13.081	13.069	13.096	HH	299526	4730706	29.57%	0.318%
219	13.110	13.096	13.132	HH	287743	6019931	37.62%	0.404%
220	13.152	13.132	13.173	HH	285134	6937762	43.36%	0.466%
221	13.189	13.173	13.238	HH	283483	10615068	66.34%	0.713%
222	13.275	13.238	13.317	HH	367914	13826005	86.41%	0.929%
223	13.343	13.317	13.391	HH	277179	12015974	75.10%	0.807%
224	13.419	13.391	13.430	HH	267118	6042830	37.77%	0.406%
225	13.444	13.430	13.463	HH	268174	5266834	32.92%	0.354%
226	13.486	13.463	13.499	HH	291228	5994836	37.47%	0.403%
227	13.513	13.499	13.530	HH	294037	5124821	32.03%	0.344%
228	13.537	13.530	13.550	HH	268070	3193608	19.96%	0.215%
229	13.579	13.550	13.601	HH	268627	8147000	50.92%	0.547%
230	13.617	13.601	13.631	HH	259227	4508324	28.18%	0.303%
231	13.653	13.631	13.664	HH	263168	5215011	32.59%	0.350%
232	13.678	13.664	13.691	HH	266050	4258606	26.62%	0.286%
233	13.729	13.691	13.785	HH	265315	14414136	90.08%	0.968%
234	13.794	13.785	13.831	HH	252878	6815151	42.59%	0.458%
235	13.855	13.831	13.869	HH	255574	5821555	36.38%	0.391%
236	13.890	13.869	13.915	HH	265402	7049233	44.06%	0.474%
237	13.925	13.915	13.955	HH	248883	5925120	37.03%	0.398%
238	13.970	13.955	14.000	HH	255377	6694753	41.84%	0.450%
239	14.017	14.000	14.038	HH	243974	5430594	33.94%	0.365%
240	14.052	14.038	14.086	HH	243369	6910612	43.19%	0.464%
241	14.104	14.086	14.135	HH	251935	7135096	44.59%	0.479%
242	14.149	14.135	14.174	HH	246279	5629298	35.18%	0.378%
243	14.184	14.174	14.205	HH	236015	4298296	26.86%	0.289%
244	14.210	14.205	14.234	HH	232742	4063833	25.40%	0.273%
245	14.257	14.234	14.278	HH	232691	6098581	38.11%	0.410%
246	14.311	14.278	14.345	HH	242703	9205120	57.53%	0.618%

rteres.txt								
247	14.370	14.345	14.405	HH	226018	7978123	49.86%	0.536%
248	14.437	14.405	14.459	HH	224085	7117468	44.48%	0.478%
249	14.478	14.459	14.503	HH	225443	5747435	35.92%	0.386%
250	14.516	14.503	14.529	HH	216120	3363618	21.02%	0.226%
251	14.538	14.529	14.548	HH	211689	2443422	15.27%	0.164%
252	14.574	14.548	14.587	HH	213144	4977419	31.11%	0.334%
253	14.607	14.587	14.623	HH	223965	4594255	28.71%	0.309%
254	14.635	14.623	14.661	HH	218876	4878679	30.49%	0.328%
255	14.676	14.661	14.701	HH	208843	4955927	30.97%	0.333%
256	14.716	14.701	14.732	HH	208124	3776872	23.60%	0.254%
257	14.750	14.732	14.764	HH	214782	4027177	25.17%	0.271%
258	14.781	14.764	14.816	HH	223233	6398369	39.99%	0.430%
259	14.843	14.816	14.870	HH	201248	6449425	40.31%	0.433%
260	14.887	14.870	14.898	HH	195321	3223105	20.14%	0.217%
261	14.914	14.898	14.936	HH	204680	4406327	27.54%	0.296%
262	14.973	14.936	15.068	HH	310800	16000697	100.00%	1.075%
263	15.080	15.068	15.100	HH	174198	3276794	20.48%	0.220%
264	15.114	15.100	15.128	HH	174851	2872728	17.95%	0.193%
265	15.159	15.128	15.181	HH	222078	6126927	38.29%	0.412%
266	15.201	15.181	15.245	HH	240778	7181876	44.88%	0.482%
267	15.253	15.245	15.287	HH	161687	3950374	24.69%	0.265%
268	15.338	15.287	15.369	HH	168907	7878841	49.24%	0.529%
269	15.377	15.369	15.446	HH	148506	6584942	41.15%	0.442%
270	15.465	15.446	15.485	HH	143002	3246962	20.29%	0.218%
271	15.506	15.485	15.547	HH	142427	5033795	31.46%	0.338%
272	15.572	15.547	15.638	HH	267730	8912605	55.70%	0.599%
273	15.656	15.638	15.680	HH	128917	3133458	19.58%	0.210%
274	15.730	15.680	15.773	HH	460125	10443530	65.27%	0.702%
275	15.791	15.773	15.811	HH	118620	2575037	16.09%	0.173%
276	15.830	15.811	15.854	HH	124392	2947855	18.42%	0.198%
277	15.870	15.854	15.907	HH	111433	3328513	20.80%	0.224%
278	15.921	15.907	15.968	HH	102373	3638597	22.74%	0.244%
279	15.983	15.968	16.055	HH	105512	5119830	32.00%	0.344%
280	16.088	16.055	16.134	HH	98453	4406369	27.54%	0.296%
281	16.160	16.134	16.181	HH	96310	2629615	16.43%	0.177%
282	16.198	16.181	16.230	HH	106546	2748386	17.18%	0.185%
283	16.262	16.230	16.286	HH	92528	2897923	18.11%	0.195%
284	16.301	16.286	16.349	HH	85493	3077990	19.24%	0.207%
285	16.369	16.349	16.388	HH	79733	1853748	11.59%	0.125%
286	16.431	16.388	16.455	HH	82484	3222406	20.14%	0.216%
287	16.469	16.455	16.495	HH	79167	1835256	11.47%	0.123%
288	16.515	16.495	16.550	HH	84520	2657449	16.61%	0.179%
289	16.584	16.550	16.653	HH	195461	6732776	42.08%	0.452%
290	16.682	16.653	16.703	HH	125030	2885098	18.03%	0.194%
291	16.730	16.703	16.807	HH	170791	6491953	40.57%	0.436%
292	16.828	16.807	16.838	HH	79059	1441705	9.01%	0.097%
293	16.859	16.838	16.877	HH	87364	1906771	11.92%	0.128%
294	16.889	16.877	16.904	HH	80194	1273608	7.96%	0.086%
295	16.915	16.904	16.945	HH	79056	1907963	11.92%	0.128%
296	16.978	16.945	16.994	HH	81064	2355842	14.72%	0.158%
297	17.011	16.994	17.025	HH	82303	1479531	9.25%	0.099%
298	17.055	17.025	17.084	HH	143226	3536780	22.10%	0.238%
299	17.113	17.084	17.134	HH	139479	3059273	19.12%	0.206%

					rteres.txt			
300	17.151	17.134	17.178	HH	107949	2403822	15.02%	0.161%
301	17.205	17.178	17.252	HH	158101	4680860	29.25%	0.314%
302	17.274	17.252	17.301	HH	80879	2320187	14.50%	0.156%
303	17.312	17.301	17.333	HH	78946	1500557	9.38%	0.101%
304	17.364	17.333	17.403	HH	82583	3406454	21.29%	0.229%
305	17.433	17.403	17.455	HH	84202	2551829	15.95%	0.171%
306	17.495	17.455	17.504	HH	89035	2534858	15.84%	0.170%
307	17.531	17.504	17.580	HH	132432	4692475	29.33%	0.315%
308	17.606	17.580	17.648	HH	210795	4873901	30.46%	0.327%
309	17.663	17.648	17.678	HH	90551	1570972	9.82%	0.106%
310	17.697	17.678	17.711	HH	95300	1850996	11.57%	0.124%
311	17.720	17.711	17.736	HH	92550	1338482	8.37%	0.090%
312	17.750	17.736	17.767	HH	91084	1652246	10.33%	0.111%
313	17.801	17.767	17.821	HH	100576	3024297	18.90%	0.203%
314	17.830	17.821	17.850	HH	87465	1491778	9.32%	0.100%
315	17.868	17.850	17.878	HH	86966	1422445	8.89%	0.096%
316	17.899	17.878	17.918	HH	90883	2161115	13.51%	0.145%
317	17.933	17.918	17.945	HH	90556	1436340	8.98%	0.096%
318	17.982	17.945	17.999	HH	97148	3018191	18.86%	0.203%
319	18.044	17.999	18.093	HH	136065	5940854	37.13%	0.399%
320	18.135	18.093	18.165	HH	163181	5115650	31.97%	0.344%
321	18.227	18.165	18.244	HH	116061	4894689	30.59%	0.329%
322	18.261	18.244	18.280	HH	106956	2239354	14.00%	0.150%
323	18.304	18.280	18.336	HH	121685	3685892	23.04%	0.248%
324	18.416	18.336	18.450	HH	188644	9132298	57.07%	0.613%
325	18.473	18.450	18.524	HH	287844	7886669	49.29%	0.530%
326	18.534	18.524	18.550	HH	116389	1780305	11.13%	0.120%
327	18.573	18.550	18.585	HH	134239	2622845	16.39%	0.176%
328	18.595	18.585	18.614	HH	133015	2164403	13.53%	0.145%
329	18.630	18.614	18.646	HH	123608	2322750	14.52%	0.156%
330	18.658	18.646	18.709	HH	119290	4201979	26.26%	0.282%
331	18.764	18.709	18.808	HH	166509	7483752	46.77%	0.503%
332	18.839	18.808	18.858	HH	125526	3598096	22.49%	0.242%
333	18.883	18.858	18.928	HH	175616	5901842	36.88%	0.396%
334	18.945	18.928	18.962	HH	121423	2338221	14.61%	0.157%
335	18.990	18.962	19.009	HH	237254	4674870	29.22%	0.314%
336	19.029	19.009	19.056	HH	169892	4312293	26.95%	0.290%
337	19.069	19.056	19.098	HH	141612	3356978	20.98%	0.226%
338	19.112	19.098	19.131	HH	129813	2459852	15.37%	0.165%
339	19.167	19.131	19.181	HH	133675	3791709	23.70%	0.255%
340	19.200	19.181	19.217	HH	137578	2953245	18.46%	0.198%
341	19.249	19.217	19.257	HH	270052	4850379	30.31%	0.326%
342	19.280	19.257	19.315	HH	468359	10432737	65.20%	0.701%
343	19.328	19.315	19.349	HH	187287	3532839	22.08%	0.237%
344	19.373	19.349	19.381	HH	197746	3557081	22.23%	0.239%
345	19.402	19.381	19.433	HH	240996	6274034	39.21%	0.421%
346	19.457	19.433	19.510	HH	265904	8457458	52.86%	0.568%
347	19.534	19.510	19.543	HH	173285	3175526	19.85%	0.213%
348	19.569	19.543	19.599	HH	234068	6649505	41.56%	0.447%
349	19.613	19.599	19.656	HH	182088	5428454	33.93%	0.365%
350	19.677	19.656	19.707	HH	148088	4426198	27.66%	0.297%
351	19.730	19.707	19.747	HH	161373	3620009	22.62%	0.243%

					rteres.txt			
352	19.779	19.747	19.813	HH	427342	9965003	62.28%	0.669%
353	19.831	19.813	19.852	HH	219055	4405924	27.54%	0.296%
354	19.907	19.852	19.918	HH	243200	7667407	47.92%	0.515%
355	19.942	19.918	19.981	HH	309528	8801500	55.01%	0.591%
356	19.998	19.981	20.010	HH	179217	2995043	18.72%	0.201%
357	20.030	20.010	20.051	HH	187090	4450535	27.81%	0.299%
358	20.070	20.051	20.111	HH	224054	6593207	41.21%	0.443%
359	20.129	20.111	20.200	HH	172935	8432552	52.70%	0.566%
360	20.234	20.200	20.265	HH	167881	6124433	38.28%	0.411%
361	20.326	20.265	20.361	HH	223324	10449929	65.31%	0.702%
362	20.376	20.361	20.394	HH	167283	3270846	20.44%	0.220%
363	20.415	20.394	20.440	HH	174034	4572270	28.58%	0.307%
364	20.455	20.440	20.499	HH	161122	5511579	34.45%	0.370%
365	20.524	20.499	20.553	HH	161063	4974434	31.09%	0.334%
366	20.604	20.553	20.632	HH	166852	7264768	45.40%	0.488%
367	20.664	20.632	20.745	HH	149954	9970872	62.32%	0.670%
368	20.796	20.745	20.804	HH	155709	5300869	33.13%	0.356%
369	20.821	20.804	20.853	HH	157143	4606249	28.79%	0.309%
370	20.878	20.853	20.927	HH	175178	6830399	42.69%	0.459%
371	20.940	20.927	20.972	HH	144246	3860448	24.13%	0.259%
372	20.982	20.972	21.041	HH	141390	5764452	36.03%	0.387%
373	21.055	21.041	21.093	HH	136931	4238128	26.49%	0.285%
374	21.111	21.093	21.122	HH	137525	2349386	14.68%	0.158%
375	21.160	21.122	21.181	HH	141930	4946522	30.91%	0.332%
376	21.212	21.181	21.235	HH	139604	4427434	27.67%	0.297%
377	21.264	21.235	21.369	HH	140130	10850535	67.81%	0.729%
378	21.378	21.369	21.440	HH	128814	5461931	34.14%	0.367%
379	21.467	21.440	21.506	HH	128269	5012717	31.33%	0.337%
380	21.517	21.506	21.548	HH	127981	3239226	20.24%	0.218%
381	21.567	21.548	21.625	HH	127397	5834070	36.46%	0.392%
382	21.648	21.625	21.676	HH	126760	3847153	24.04%	0.258%
383	21.693	21.676	21.817	HH	127305	10494558	65.59%	0.705%
384	21.830	21.817	21.846	HH	121809	2068450	12.93%	0.139%
385	21.871	21.846	21.913	HH	122914	4874907	30.47%	0.327%
386	21.921	21.913	21.938	HH	120536	1838832	11.49%	0.124%
387	21.951	21.938	21.961	HH	120842	1681159	10.51%	0.113%
388	21.969	21.961	22.032	HH	120561	5004158	31.27%	0.336%
389	22.042	22.032	22.049	HH	117879	1202073	7.51%	0.081%
390	22.062	22.049	22.082	HH	118605	2379274	14.87%	0.160%
391	22.107	22.082	22.168	HH	118798	6060563	37.88%	0.407%
392	22.179	22.168	22.188	HH	118693	1415039	8.84%	0.095%
393	22.222	22.188	22.286	HH	119906	6910709	43.19%	0.464%
394	22.332	22.286	22.392	HH	119224	7395907	46.22%	0.497%
395	22.423	22.392	22.439	HH	113029	3165642	19.78%	0.213%
396	22.500	22.439	22.577	HH	114253	9245519	57.78%	0.621%
397	22.588	22.577	22.596	HH	110350	1276255	7.98%	0.086%
398	22.612	22.596	22.651	HH	111360	3681489	23.01%	0.247%
399	22.659	22.651	22.726	HH	110998	4922896	30.77%	0.331%
400	22.738	22.726	22.812	HH	109444	5586831	34.92%	0.375%
401	22.820	22.812	22.885	HH	106857	4628935	28.93%	0.311%
402	22.894	22.885	22.917	HH	104530	1975848	12.35%	0.133%
403	22.932	22.917	22.947	HH	103794	1864260	11.65%	0.125%
404	22.986	22.947	23.015	HH	104241	4243723	26.52%	0.285%

rteres.txt								
405	23.024	23.015	23.039	HH	104029	1507645	9.42%	0.101%
406	23.053	23.039	23.068	HH	104151	1791276	11.19%	0.120%
407	23.082	23.068	23.090	HH	103612	1346193	8.41%	0.090%
408	23.105	23.090	23.187	HH	104448	5980916	37.38%	0.402%
409	23.228	23.187	23.249	HH	104078	3827830	23.92%	0.257%
410	23.260	23.249	23.516	HH	103735	15953317	99.70%	1.072%
411	23.581	23.516	23.591	HH	98307	4349235	27.18%	0.292%
412	23.627	23.591	23.691	HH	100160	5905081	36.91%	0.397%
413	23.705	23.691	23.760	HH	95633	3905142	24.41%	0.262%
414	23.775	23.760	23.794	HH	94461	1912971	11.96%	0.129%
415	23.810	23.794	23.823	HH	94823	1628629	10.18%	0.109%
416	23.855	23.823	23.887	HH	95062	3638357	22.74%	0.244%
417	23.904	23.887	23.915	HH	94867	1571999	9.82%	0.106%
418	23.928	23.915	23.940	HH	94894	1462822	9.14%	0.098%
419	23.950	23.940	23.968	HH	95364	1561381	9.76%	0.105%
420	23.974	23.968	24.085	HH	94301	6446767	40.29%	0.433%
421	24.130	24.085	24.200	HH	91783	6268245	39.17%	0.421%
422	24.207	24.200	24.241	HH	90299	2246337	14.04%	0.151%
423	24.287	24.241	24.331	HH	94254	4987245	31.17%	0.335%
424	24.346	24.331	24.357	HH	91214	1405785	8.79%	0.094%
425	24.368	24.357	24.376	HH	90892	1016659	6.35%	0.068%
426	24.390	24.376	24.411	HH	92094	1933109	12.08%	0.130%
427	24.422	24.411	24.498	HH	92417	4762652	29.77%	0.320%
428	24.512	24.498	24.544	HH	89578	2452527	15.33%	0.165%
429	24.559	24.544	24.581	HH	89918	1976130	12.35%	0.133%
430	24.594	24.581	24.605	HH	89496	1276836	7.98%	0.086%
431	24.623	24.605	24.641	HH	89823	1965963	12.29%	0.132%
432	24.648	24.641	24.655	HH	89685	739072	4.62%	0.050%
433	24.661	24.655	24.698	HH	89740	2289520	14.31%	0.154%
434	24.714	24.698	24.744	HH	88930	2429101	15.18%	0.163%
435	24.752	24.744	24.788	HH	88029	2307199	14.42%	0.155%
436	24.795	24.788	24.823	HH	87049	1791972	11.20%	0.120%
437	24.881	24.823	24.965	HH	88346	7380257	46.12%	0.496%
438	24.976	24.965	25.016	HH	84515	2608273	16.30%	0.175%
439	25.046	25.016	25.092	HH	84613	3813790	23.84%	0.256%
440	25.177	25.092	25.211	HH	84901	6013967	37.59%	0.404%
441	25.223	25.211	25.237	HH	83686	1297951	8.11%	0.087%
442	25.246	25.237	25.263	HH	83412	1275628	7.97%	0.086%
443	25.299	25.263	25.326	HH	83319	3158689	19.74%	0.212%
444	25.393	25.326	25.433	HH	84588	5341114	33.38%	0.359%
445	25.445	25.433	25.475	HH	83684	2102819	13.14%	0.141%

Sum of corrected areas: 1488610590

C44-FE082118.M Tue Sep 18 10:10:54 2018