

rteres

Area Percent Report

Data Path : P:\HPCHEM1\FID_E\Data\FE030318\
Data File : FE026394.D
Signal(s) : FID1B.CH
Acq On : 03 Mar 2018 12:03
Sample : J1736-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.e

Method : P:\HPCHEM1\FID_E\methods\C44-FE022618.M
Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.420	2.401	2.451	PH	4492	40753	0.01%	0.000%
2	2.456	2.451	2.464	PH	177	906	0.00%	0.000%
3	2.471	2.464	2.476	PH	231	857	0.00%	0.000%
4	2.487	2.476	2.505	HH	461	4546	0.00%	0.000%
5	2.511	2.505	2.515	HH	273	909	0.00%	0.000%
6	2.520	2.515	2.524	HH	168	713	0.00%	0.000%
7	2.535	2.524	2.549	HH	210	1973	0.00%	0.000%
8	2.554	2.549	2.558	HH	349	1251	0.00%	0.000%
9	2.562	2.558	2.567	HH	380	1418	0.00%	0.000%
10	2.578	2.567	2.587	HH	480	4051	0.00%	0.000%
11	2.598	2.587	2.618	HH	549	5192	0.00%	0.000%
12	2.632	2.618	2.644	HH	3003	26303	0.00%	0.000%
13	2.651	2.644	2.664	HH	1905	17726	0.00%	0.000%
14	2.680	2.664	2.718	HH	9840	110353	0.02%	0.000%
15	2.730	2.718	2.744	HH	8767	67970	0.01%	0.000%
16	2.756	2.744	2.784	HH	3921	50464	0.01%	0.000%
17	2.793	2.784	2.804	HH	1800	17520	0.00%	0.000%
18	2.809	2.804	2.828	HH	1285	10709	0.00%	0.000%
19	2.861	2.828	2.868	HH	3342	35642	0.01%	0.000%
20	2.879	2.868	2.907	HH	9308	103662	0.02%	0.000%
21	2.916	2.907	2.934	HH	2513	27604	0.00%	0.000%
22	2.937	2.934	2.941	HH	1024	3801	0.00%	0.000%
23	2.963	2.941	2.975	HH	8252	106922	0.02%	0.000%
24	2.984	2.975	2.999	HH	7438	91774	0.01%	0.000%
25	3.006	2.999	3.027	HH	5197	66011	0.01%	0.000%
26	3.050	3.027	3.066	HH	12238	176274	0.03%	0.001%
27	3.071	3.066	3.086	HH	4409	39690	0.01%	0.000%
28	3.101	3.086	3.107	HH	9384	75186	0.01%	0.000%
29	3.117	3.107	3.135	HH	18264	172390	0.03%	0.001%
30	3.145	3.135	3.152	HH	6160	53894	0.01%	0.000%
31	3.160	3.152	3.168	HH	6260	51942	0.01%	0.000%
32	3.182	3.168	3.210	HH	15034	214541	0.03%	0.001%
33	3.233	3.210	3.246	HH	27760	325532	0.05%	0.001%
34	3.256	3.246	3.277	HH	16030	179896	0.03%	0.001%
35	3.284	3.277	3.293	HH	3684	32724	0.01%	0.000%
36	3.304	3.293	3.335	HH	4145	70586	0.01%	0.000%

rteres								
37	3.351	3.335	3.367	HH	5348	62120	0.01%	0.000%
38	3.380	3.367	3.388	HH	6731	61710	0.01%	0.000%
39	3.406	3.388	3.418	HH	109737	911394	0.14%	0.004%
40	3.422	3.418	3.439	HH	42787	356892	0.06%	0.001%
41	3.448	3.439	3.488	HH	11448	182228	0.03%	0.001%
42	3.501	3.488	3.507	HH	3233	29143	0.00%	0.000%
43	3.528	3.507	3.541	HH	26024	279698	0.04%	0.001%
44	3.552	3.541	3.569	HH	24191	248462	0.04%	0.001%
45	3.603	3.569	3.632	HH	19540	441805	0.07%	0.002%
46	3.643	3.632	3.653	HH	15268	132229	0.02%	0.001%
47	3.668	3.653	3.703	HH	64351	889401	0.14%	0.004%
48	3.728	3.703	3.747	HH	25156	450993	0.07%	0.002%
49	3.772	3.747	3.796	HH	81201	1065016	0.17%	0.004%
50	3.800	3.796	3.815	HH	27907	236262	0.04%	0.001%
51	3.843	3.815	3.857	HH	68572	951460	0.15%	0.004%
52	3.864	3.857	3.879	HH	26543	248401	0.04%	0.001%
53	3.906	3.879	3.919	HH	73688	958673	0.15%	0.004%
54	3.937	3.919	3.961	HH	68001	924860	0.15%	0.004%
55	3.987	3.961	4.034	HH	117885	2064142	0.32%	0.008%
56	4.049	4.034	4.053	HH	47812	364157	0.06%	0.001%
57	4.066	4.053	4.076	HH	107854	1024564	0.16%	0.004%
58	4.094	4.076	4.115	HH	146890	1883895	0.30%	0.008%
59	4.127	4.115	4.146	HH	62313	843592	0.13%	0.003%
60	4.161	4.146	4.187	HH	144435	1554714	0.24%	0.006%
61	4.206	4.187	4.212	HH	20026	265231	0.04%	0.001%
62	4.241	4.212	4.259	HH	246333	3155540	0.50%	0.013%
63	4.270	4.259	4.296	HH	111935	1614322	0.25%	0.007%
64	4.307	4.296	4.321	HH	51251	613122	0.10%	0.002%
65	4.327	4.321	4.349	HH	30315	341175	0.05%	0.001%
66	4.379	4.349	4.394	HH	72544	1098064	0.17%	0.004%
67	4.425	4.394	4.443	HH	81164	1543238	0.24%	0.006%
68	4.469	4.443	4.500	HH	890101	8848738	1.39%	0.036%
69	4.519	4.500	4.536	HH	147051	1986338	0.31%	0.008%
70	4.544	4.536	4.565	HH	111638	1351639	0.21%	0.005%
71	4.578	4.565	4.598	HH	63296	881963	0.14%	0.004%
72	4.629	4.598	4.647	HH	99944	1936496	0.30%	0.008%
73	4.663	4.647	4.677	HH	131578	1777454	0.28%	0.007%
74	4.687	4.677	4.702	HH	107732	1344427	0.21%	0.005%
75	4.719	4.702	4.734	HH	351309	3541391	0.56%	0.014%
76	4.747	4.734	4.760	HH	206274	2186673	0.34%	0.009%
77	4.774	4.760	4.786	HH	131682	1772835	0.28%	0.007%
78	4.796	4.786	4.815	HH	131048	1650202	0.26%	0.007%
79	4.837	4.815	4.842	HH	155680	1952825	0.31%	0.008%
80	4.852	4.842	4.863	HH	214613	2247303	0.35%	0.009%
81	4.876	4.863	4.912	HH	180638	4296471	0.67%	0.017%
82	4.936	4.912	4.967	HH	344793	5915891	0.93%	0.024%
83	4.986	4.967	4.992	HH	106780	1294315	0.20%	0.005%
84	5.004	4.992	5.044	HH	149491	3588231	0.56%	0.015%
85	5.076	5.044	5.093	HH	260881	3924429	0.62%	0.016%
86	5.110	5.093	5.126	HH	366683	4942707	0.78%	0.020%
87	5.146	5.126	5.173	HH	420127	7218953	1.13%	0.029%
88	5.208	5.173	5.248	HH	422609	9743403	1.53%	0.040%
89	5.262	5.248	5.286	HH	104888	2119963	0.33%	0.009%

rteres								
90	5.307	5.286	5.335	HH	230685	4822149	0.76%	0.020%
91	5.395	5.335	5.414	HH	434542	11979945	1.88%	0.049%
92	5.422	5.414	5.437	HH	207132	2552783	0.40%	0.010%
93	5.458	5.437	5.478	HH	219169	4338749	0.68%	0.018%
94	5.524	5.478	5.547	HH	2618109	38578822	6.05%	0.157%
95	5.551	5.547	5.591	HH	364702	6974482	1.09%	0.028%
96	5.599	5.591	5.613	HH	160570	1958607	0.31%	0.008%
97	5.631	5.613	5.635	HH	177470	2020083	0.32%	0.008%
98	5.647	5.635	5.653	HH	189895	1989003	0.31%	0.008%
99	5.660	5.653	5.672	HH	194812	2114289	0.33%	0.009%
100	5.699	5.672	5.721	HH	771438	13787352	2.16%	0.056%
101	5.725	5.721	5.744	HH	289751	3540595	0.56%	0.014%
102	5.761	5.744	5.777	HH	306850	4956597	0.78%	0.020%
103	5.797	5.777	5.839	HH	879721	18852169	2.96%	0.077%
104	5.856	5.839	5.872	HH	652650	7945377	1.25%	0.032%
105	5.891	5.872	5.915	HH	792672	13416707	2.11%	0.055%
106	5.919	5.915	5.944	HH	382515	5200021	0.82%	0.021%
107	5.967	5.944	5.989	HH	531985	9272206	1.45%	0.038%
108	6.017	5.989	6.044	HH	688097	14716759	2.31%	0.060%
109	6.075	6.044	6.091	HH	716868	14967846	2.35%	0.061%
110	6.114	6.091	6.136	HH	837543	15553459	2.44%	0.063%
111	6.162	6.136	6.183	HH	1228991	19273406	3.02%	0.078%
112	6.221	6.183	6.237	HH	974853	22772000	3.57%	0.093%
113	6.258	6.237	6.273	HH	599550	12076868	1.89%	0.049%
114	6.295	6.273	6.320	HH	702567	17132683	2.69%	0.070%
115	6.341	6.320	6.361	HH	787164	15734454	2.47%	0.064%
116	6.384	6.361	6.402	HH	659850	13404788	2.10%	0.054%
117	6.450	6.402	6.471	HH	1319689	33050655	5.19%	0.134%
118	6.540	6.471	6.575	HH	4303157	109337985	17.15%	0.444%
119	6.602	6.575	6.615	HH	752824	14440512	2.27%	0.059%
120	6.631	6.615	6.641	HH	857551	12102065	1.90%	0.049%
121	6.674	6.641	6.688	HH	2326474	40148831	6.30%	0.163%
122	6.707	6.688	6.730	HH	1096875	23638589	3.71%	0.096%
123	6.738	6.730	6.753	HH	833493	10118934	1.59%	0.041%
124	6.773	6.753	6.780	HH	771110	11297618	1.77%	0.046%
125	6.802	6.780	6.821	HH	1240756	23891538	3.75%	0.097%
126	6.845	6.821	6.863	HH	1300704	24969715	3.92%	0.102%
127	6.880	6.863	6.892	HH	940069	13894362	2.18%	0.056%
128	6.937	6.892	6.953	HH	2539642	56755292	8.90%	0.231%
129	6.965	6.953	6.972	HH	1019065	10437839	1.64%	0.042%
130	6.990	6.972	7.007	HH	1025352	20080702	3.15%	0.082%
131	7.044	7.007	7.065	HH	1982019	49800117	7.81%	0.202%
132	7.091	7.065	7.113	HH	2103724	41068682	6.44%	0.167%
133	7.142	7.113	7.155	HH	2477748	45165219	7.09%	0.184%
134	7.176	7.155	7.187	HH	3005182	45421973	7.13%	0.185%
135	7.193	7.187	7.213	HH	1950838	24344941	3.82%	0.099%
136	7.248	7.213	7.280	HH	3192492	76547878	12.01%	0.311%
137	7.303	7.280	7.321	HH	1931853	36520549	5.73%	0.148%
138	7.338	7.321	7.364	HH	1340028	30444760	4.78%	0.124%
139	7.400	7.364	7.415	HH	1243441	33697999	5.29%	0.137%
140	7.477	7.415	7.485	HH	5916720	137830682	21.63%	0.560%
141	7.515	7.485	7.547	HH	7243845	159462084	25.02%	0.648%

rteres								
142	7.558	7.547	7.587	HH	1836926	39784532	6.24%	0.162%
143	7.599	7.587	7.623	HH	1597613	31105834	4.88%	0.126%
144	7.654	7.623	7.679	HH	3114556	75066161	11.78%	0.305%
145	7.691	7.679	7.724	HH	2566338	53466877	8.39%	0.217%
146	7.755	7.724	7.769	HH	1643694	39940766	6.27%	0.162%
147	7.799	7.769	7.832	HH	2979983	82093186	12.88%	0.334%
148	7.845	7.832	7.860	HH	1883632	28646991	4.49%	0.116%
149	7.868	7.860	7.881	HH	1611332	19745079	3.10%	0.080%
150	7.920	7.881	7.933	HH	2983193	68684289	10.78%	0.279%
151	7.946	7.933	7.954	HH	2528679	30979481	4.86%	0.126%
152	7.963	7.954	7.988	HH	2542215	46809754	7.34%	0.190%
153	8.018	7.988	8.039	HH	2539794	66471835	10.43%	0.270%
154	8.072	8.039	8.086	HH	3481413	76534923	12.01%	0.311%
155	8.121	8.086	8.158	HH	4286444	138163827	21.68%	0.562%
156	8.210	8.158	8.230	HH	5095937	139281185	21.85%	0.566%
157	8.244	8.230	8.272	HH	2281309	51841712	8.13%	0.211%
158	8.305	8.272	8.317	HH	3402104	72461639	11.37%	0.295%
159	8.330	8.317	8.344	HH	3448277	56343572	8.84%	0.229%
160	8.437	8.344	8.446	HH	8600859	352591914	55.32%	1.433%
161	8.456	8.446	8.467	HH	3628483	37542247	5.89%	0.153%
162	8.497	8.467	8.528	HH	3441075	111277464	17.46%	0.452%
163	8.569	8.528	8.583	HH	3938425	109966378	17.25%	0.447%
164	8.591	8.583	8.600	HH	3368596	33486471	5.25%	0.136%
165	8.621	8.600	8.625	HH	3944175	55384425	8.69%	0.225%
166	8.644	8.625	8.666	HH	4345307	93290342	14.64%	0.379%
167	8.685	8.666	8.715	HH	3292195	84264064	13.22%	0.343%
168	8.791	8.715	8.805	HH	3658752	166470873	26.12%	0.677%
169	8.827	8.805	8.835	HH	3720829	63964520	10.04%	0.260%
170	8.863	8.835	8.885	HH	5492716	137551518	21.58%	0.559%
171	8.901	8.885	8.916	HH	4427966	79357214	12.45%	0.323%
172	8.946	8.916	8.955	HH	6481386	121895357	19.12%	0.496%
173	8.971	8.955	8.985	HH	6577004	101305177	15.89%	0.412%
174	9.012	8.985	9.042	HH	4718950	129578377	20.33%	0.527%
175	9.068	9.042	9.132	HH	4331015	207163274	32.50%	0.842%
176	9.171	9.132	9.196	HH	4222951	147111798	23.08%	0.598%
177	9.301	9.196	9.329	HH	10660141	496178506	77.85%	2.017%
178	9.346	9.329	9.365	HH	4541744	94160805	14.77%	0.383%
179	9.379	9.365	9.402	HH	4090395	87193044	13.68%	0.354%
180	9.416	9.402	9.434	HH	4038416	74436577	11.68%	0.303%
181	9.487	9.434	9.515	HH	4456644	199828995	31.35%	0.812%
182	9.573	9.515	9.614	HH	5130397	267552844	41.98%	1.088%
183	9.646	9.614	9.672	HH	6486584	190091829	29.82%	0.773%
184	9.688	9.672	9.703	HH	5718206	101081097	15.86%	0.411%
185	9.733	9.703	9.767	HH	6406483	220410805	34.58%	0.896%
186	9.782	9.767	9.800	HH	5419130	100814616	15.82%	0.410%
187	9.835	9.800	9.859	HH	5980803	187391543	29.40%	0.762%
188	9.864	9.859	9.869	HH	4653606	27724807	4.35%	0.113%
189	9.874	9.869	9.879	HH	4661306	28812518	4.52%	0.117%
190	9.896	9.879	9.922	HH	4795009	119028683	18.68%	0.484%
191	9.955	9.922	9.974	HH	4822117	142629102	22.38%	0.580%
192	10.110	9.974	10.128	HH	10937563	637365728	100.00%	2.591%
193	10.171	10.128	10.223	HH	5513373	292158552	45.84%	1.188%
194	10.279	10.223	10.321	HH	5513910	298340951	46.81%	1.213%

rteres								
195	10.335	10.321	10.342	HH	5128687	64429700	10.11%	0.262%
196	10.347	10.342	10.368	HH	5126978	78331421	12.29%	0.318%
197	10.371	10.368	10.378	HH	4929859	30691785	4.82%	0.125%
198	10.485	10.378	10.516	HH	7998108	521755906	81.86%	2.121%
199	10.541	10.516	10.546	HH	6161969	107725391	16.90%	0.438%
200	10.572	10.546	10.596	HH	6689162	189632052	29.75%	0.771%
201	10.629	10.596	10.680	HH	7062354	307760962	48.29%	1.251%
202	10.714	10.680	10.718	HH	5791636	129397193	20.30%	0.526%
203	10.757	10.718	10.795	HH	6526651	286033820	44.88%	1.163%
204	10.892	10.795	10.907	HH	10110923	554608123	87.02%	2.254%
205	10.957	10.907	10.972	HH	10097283	337438912	52.94%	1.372%
206	10.982	10.972	11.015	HH	7159226	173002395	27.14%	0.703%
207	11.021	11.015	11.050	HH	6330008	128608568	20.18%	0.523%
208	11.063	11.050	11.078	HH	6125973	100134953	15.71%	0.407%
209	11.106	11.078	11.115	HH	6494497	138209145	21.68%	0.562%
210	11.130	11.115	11.145	HH	6686848	121122628	19.00%	0.492%
211	11.182	11.145	11.214	HH	7184422	281000730	44.09%	1.142%
212	11.242	11.214	11.292	HH	7099058	320233367	50.24%	1.302%
213	11.319	11.292	11.342	HH	6691423	194767012	30.56%	0.792%
214	11.365	11.342	11.426	HH	6892545	332073641	52.10%	1.350%
215	11.433	11.426	11.440	HH	6462407	56022098	8.79%	0.228%
216	11.446	11.440	11.462	HH	6462737	83932261	13.17%	0.341%
217	11.465	11.462	11.475	HH	6343672	47521253	7.46%	0.193%
218	11.512	11.475	11.527	HH	6647301	203436158	31.92%	0.827%
219	11.601	11.527	11.627	HH	10024115	506271402	79.43%	2.058%
220	11.683	11.627	11.721	HH	8956471	425116639	66.70%	1.728%
221	11.726	11.721	11.755	HH	6616030	131350654	20.61%	0.534%
222	11.775	11.755	11.790	HH	6414082	134210161	21.06%	0.546%
223	11.865	11.790	11.912	HH	7043846	482744819	75.74%	1.962%
224	11.928	11.912	11.938	HH	6420710	99562262	15.62%	0.405%
225	11.980	11.938	11.997	HH	6801472	234558310	36.80%	0.953%
226	12.016	11.997	12.039	HH	6810522	167529724	26.28%	0.681%
227	12.055	12.039	12.092	HH	7037212	213397334	33.48%	0.867%
228	12.095	12.092	12.099	HH	6370197	26774197	4.20%	0.109%
229	12.123	12.099	12.145	HH	6718852	179715997	28.20%	0.731%
230	12.153	12.145	12.187	HH	6529707	160574754	25.19%	0.653%
231	12.279	12.187	12.310	HH	10288846	579523482	90.92%	2.356%
232	12.322	12.310	12.334	HH	6348919	91847166	14.41%	0.373%
233	12.344	12.334	12.375	HH	6476911	156546697	24.56%	0.636%
234	12.384	12.375	12.422	HH	6330661	170913410	26.82%	0.695%
235	12.442	12.422	12.485	HH	6026665	219642162	34.46%	0.893%
236	12.524	12.485	12.532	HH	6344536	171494245	26.91%	0.697%
237	12.541	12.532	12.571	HH	6324323	144013824	22.60%	0.585%
238	12.576	12.571	12.592	HH	5848526	72892908	11.44%	0.296%
239	12.595	12.592	12.609	HH	5716901	58046845	9.11%	0.236%
240	12.646	12.609	12.651	HH	6185273	147238888	23.10%	0.599%
241	12.654	12.651	12.672	HH	6070019	72881420	11.43%	0.296%
242	12.693	12.672	12.722	HH	6068201	176798893	27.74%	0.719%
243	12.729	12.722	12.752	HH	5663182	99890250	15.67%	0.406%
244	12.782	12.752	12.816	HH	5833844	212507471	33.34%	0.864%
245	12.819	12.816	12.832	HH	5381593	51404610	8.07%	0.209%
246	12.897	12.832	12.911	HH	8822305	337873440	53.01%	1.373%

rteres								
247	12.949	12.911	12.990	HH	5734587	260666571	40.90%	1.060%
248	13.005	12.990	13.059	HH	5569212	217454571	34.12%	0.884%
249	13.062	13.059	13.068	HH	4930775	27099669	4.25%	0.110%
250	13.111	13.068	13.156	HH	5288473	265223685	41.61%	1.078%
251	13.159	13.156	13.168	HH	4860758	36969921	5.80%	0.150%
252	13.179	13.168	13.184	HH	4891072	46526009	7.30%	0.189%
253	13.189	13.184	13.193	HH	4847195	26503944	4.16%	0.108%
254	13.208	13.193	13.230	HH	4899776	105318000	16.52%	0.428%
255	13.237	13.230	13.244	HH	4807093	39175442	6.15%	0.159%
256	13.249	13.244	13.256	HH	4756479	34857912	5.47%	0.142%
257	13.268	13.256	13.274	HH	4898603	52500618	8.24%	0.213%
258	13.294	13.274	13.321	HH	5011150	137040491	21.50%	0.557%
259	13.342	13.321	13.404	HH	5083972	230639872	36.19%	0.938%
260	13.479	13.404	13.493	HH	6892771	285161426	44.74%	1.159%
261	13.502	13.493	13.525	HH	4394189	84220112	13.21%	0.342%
262	13.549	13.525	13.556	HH	4492257	80594423	12.64%	0.328%
263	13.560	13.556	13.581	HH	4443141	63548714	9.97%	0.258%
264	13.606	13.581	13.635	HH	4324114	135488836	21.26%	0.551%
265	13.672	13.635	13.737	HH	4457466	256621019	40.26%	1.043%
266	13.777	13.737	13.802	HH	4094232	154819244	24.29%	0.629%
267	13.819	13.802	13.837	HH	3941379	80405714	12.62%	0.327%
268	13.857	13.837	13.896	HH	4122108	138234655	21.69%	0.562%
269	13.924	13.896	13.976	HH	3851731	170556332	26.76%	0.693%
270	14.029	13.976	14.049	HH	5784100	188018009	29.50%	0.764%
271	14.081	14.049	14.089	HH	3509810	83225370	13.06%	0.338%
272	14.093	14.089	14.119	HH	3479914	60480620	9.49%	0.246%
273	14.129	14.119	14.181	HH	3406632	121936150	19.13%	0.496%
274	14.189	14.181	14.205	HH	3298624	47763431	7.49%	0.194%
275	14.229	14.205	14.273	HH	3472328	132546020	20.80%	0.539%
276	14.286	14.273	14.307	HH	3191149	64080696	10.05%	0.260%
277	14.312	14.307	14.335	HH	3027635	48518925	7.61%	0.197%
278	14.351	14.335	14.358	HH	3032061	40856921	6.41%	0.166%
279	14.367	14.358	14.382	HH	3018848	42863575	6.73%	0.174%
280	14.388	14.382	14.411	HH	2954233	49112623	7.71%	0.200%
281	14.421	14.411	14.448	HH	2825142	61636588	9.67%	0.251%
282	14.454	14.448	14.462	HH	2709581	24042721	3.77%	0.098%
283	14.467	14.462	14.488	HH	2674832	39392464	6.18%	0.160%
284	14.492	14.488	14.509	HH	2572732	32564427	5.11%	0.132%
285	14.554	14.509	14.571	HH	4336929	121925465	19.13%	0.496%
286	14.609	14.571	14.636	HH	2564253	96401092	15.12%	0.392%
287	14.659	14.636	14.717	HH	2591291	117977311	18.51%	0.480%
288	14.731	14.717	14.766	HH	2398753	68657001	10.77%	0.279%
289	14.771	14.766	14.788	HH	2308488	29832738	4.68%	0.121%
290	14.803	14.788	14.810	HH	2259860	29565933	4.64%	0.120%
291	14.820	14.810	14.878	HH	2235774	88353983	13.86%	0.359%
292	14.898	14.878	14.928	HH	2123646	61319960	9.62%	0.249%
293	14.946	14.928	14.999	HH	2014978	81005900	12.71%	0.329%
294	15.012	14.999	15.019	HH	1782589	20836895	3.27%	0.085%
295	15.054	15.019	15.086	HH	3067141	87751348	13.77%	0.357%
296	15.090	15.086	15.094	HH	1774501	8466591	1.33%	0.034%
297	15.099	15.094	15.137	HH	1773488	43568812	6.84%	0.177%
298	15.143	15.137	15.161	HH	1660691	23665358	3.71%	0.096%
299	15.168	15.161	15.191	HH	1670072	29855237	4.68%	0.121%

rteres								
300	15.209	15.191	15.253	HH	1680894	58303874	9.15%	0.237%
301	15.271	15.253	15.284	HH	1537064	28630296	4.49%	0.116%
302	15.291	15.284	15.321	HH	1475941	31130864	4.88%	0.127%
303	15.325	15.321	15.335	HH	1405510	12378004	1.94%	0.050%
304	15.342	15.335	15.346	HH	1384883	9159804	1.44%	0.037%
305	15.354	15.346	15.388	HH	1397644	34079135	5.35%	0.139%
306	15.400	15.388	15.437	HH	1326604	38219457	6.00%	0.155%
307	15.442	15.437	15.467	HH	1281841	22391981	3.51%	0.091%
308	15.473	15.467	15.476	HH	1230839	6697518	1.05%	0.027%
309	15.480	15.476	15.485	HH	1231043	6339394	0.99%	0.026%
310	15.494	15.485	15.507	HH	1235405	16016260	2.51%	0.065%
311	15.536	15.507	15.604	HH	2029490	79147186	12.42%	0.322%
312	15.612	15.604	15.617	HH	1090432	8353303	1.31%	0.034%
313	15.622	15.617	15.662	HH	1081102	27847471	4.37%	0.113%
314	15.667	15.662	15.672	HH	991757	6024993	0.95%	0.024%
315	15.690	15.672	15.695	HH	1016221	13312073	2.09%	0.054%
316	15.700	15.695	15.757	HH	1032375	36103764	5.66%	0.147%
317	15.773	15.757	15.796	HH	935794	21347055	3.35%	0.087%
318	15.821	15.796	15.825	HH	955091	16243174	2.55%	0.066%
319	15.831	15.825	15.887	HH	955727	33025363	5.18%	0.134%
320	15.895	15.887	15.921	HH	830359	16050978	2.52%	0.065%
321	15.925	15.921	15.939	HH	780112	8500072	1.33%	0.035%
322	15.945	15.939	15.977	HH	772018	17464987	2.74%	0.071%
323	16.003	15.977	16.023	HH	1149494	24617864	3.86%	0.100%
324	16.037	16.023	16.082	HH	763556	25185358	3.95%	0.102%
325	16.089	16.082	16.097	HH	670958	5941361	0.93%	0.024%
326	16.103	16.097	16.137	HH	666243	15295374	2.40%	0.062%
327	16.158	16.137	16.190	HH	659332	20218605	3.17%	0.082%
328	16.210	16.190	16.218	HH	660131	10680512	1.68%	0.043%
329	16.223	16.218	16.258	HH	659347	14478573	2.27%	0.059%
330	16.268	16.258	16.274	HH	579560	5405123	0.85%	0.022%
331	16.296	16.274	16.328	HH	611178	18877407	2.96%	0.077%
332	16.345	16.328	16.358	HH	552222	9800608	1.54%	0.040%
333	16.371	16.358	16.435	HH	549867	23030306	3.61%	0.094%
334	16.462	16.435	16.485	HH	681461	16233737	2.55%	0.066%
335	16.490	16.485	16.506	HH	465373	5680285	0.89%	0.023%
336	16.510	16.506	16.540	HH	445841	9069839	1.42%	0.037%
337	16.548	16.540	16.558	HH	432360	4413315	0.69%	0.018%
338	16.562	16.558	16.570	HH	423862	3136703	0.49%	0.013%
339	16.580	16.570	16.585	HH	417219	3656821	0.57%	0.015%
340	16.603	16.585	16.616	HH	451315	8032437	1.26%	0.033%
341	16.621	16.616	16.658	HH	432870	10740675	1.69%	0.044%
342	16.668	16.658	16.677	HH	411123	4603591	0.72%	0.019%
343	16.682	16.677	16.735	HH	403977	13328243	2.09%	0.054%
344	16.749	16.735	16.768	HH	374831	7071405	1.11%	0.029%
345	16.778	16.768	16.869	HH	366191	20429672	3.21%	0.083%
346	16.885	16.869	16.891	HH	320687	4069790	0.64%	0.017%
347	16.911	16.891	16.940	HH	390525	10035524	1.57%	0.041%
348	16.956	16.940	16.975	HH	337003	6641084	1.04%	0.027%
349	16.988	16.975	17.012	HH	308581	6468924	1.01%	0.026%
350	17.034	17.012	17.051	HH	291424	6561692	1.03%	0.027%
351	17.056	17.051	17.086	HH	281706	5680634	0.89%	0.023%

rteres								
352	17.087	17.086	17.092	HH	256954	1020509	0.16%	0.004%
353	17.105	17.092	17.110	HH	263872	2777774	0.44%	0.011%
354	17.137	17.110	17.165	HH	270749	8714565	1.37%	0.035%
355	17.185	17.165	17.215	HH	276517	7564000	1.19%	0.031%
356	17.243	17.215	17.261	HH	249765	6545272	1.03%	0.027%
357	17.274	17.261	17.297	HH	241075	5125066	0.80%	0.021%
358	17.311	17.297	17.329	HH	223349	4158751	0.65%	0.017%
359	17.350	17.329	17.378	HH	303159	7009497	1.10%	0.028%
360	17.401	17.378	17.424	HH	203679	5493794	0.86%	0.022%
361	17.441	17.424	17.467	HH	200163	5011347	0.79%	0.020%
362	17.487	17.467	17.516	HH	211153	5635038	0.88%	0.023%
363	17.520	17.516	17.536	HH	178970	2197449	0.34%	0.009%
364	17.544	17.536	17.561	HH	176966	2610559	0.41%	0.011%
365	17.569	17.561	17.594	HH	174467	3323377	0.52%	0.014%
366	17.602	17.594	17.614	HH	165349	1946817	0.31%	0.008%
367	17.631	17.614	17.637	HH	167038	2309867	0.36%	0.009%
368	17.644	17.637	17.680	HH	165642	4082806	0.64%	0.017%
369	17.701	17.680	17.721	HH	162991	3816501	0.60%	0.016%
370	17.725	17.721	17.753	HH	153253	2883059	0.45%	0.012%
371	17.777	17.753	17.827	HH	177739	6681262	1.05%	0.027%
372	17.853	17.827	17.858	HH	148351	2595550	0.41%	0.011%
373	17.871	17.858	17.890	HH	160336	2879680	0.45%	0.012%
374	17.907	17.890	17.927	HH	135327	2899662	0.45%	0.012%
375	17.946	17.927	17.962	HH	160170	3049680	0.48%	0.012%
376	17.973	17.962	18.007	HH	144858	3632653	0.57%	0.015%
377	18.034	18.007	18.067	HH	121337	4283645	0.67%	0.017%
378	18.073	18.067	18.089	HH	118111	1538862	0.24%	0.006%
379	18.096	18.089	18.106	HH	117162	1195761	0.19%	0.005%
380	18.144	18.106	18.175	HH	133463	5126885	0.80%	0.021%
381	18.197	18.175	18.242	HH	160646	4995579	0.78%	0.020%
382	18.248	18.242	18.251	HH	107577	561845	0.09%	0.002%
383	18.258	18.251	18.266	HH	109458	966842	0.15%	0.004%
384	18.275	18.266	18.286	HH	109781	1312801	0.21%	0.005%
385	18.306	18.286	18.354	HH	137315	4598611	0.72%	0.019%
386	18.359	18.354	18.380	HH	97023	1459570	0.23%	0.006%
387	18.386	18.380	18.392	HH	96330	709171	0.11%	0.003%
388	18.399	18.392	18.420	HH	97122	1592868	0.25%	0.006%
389	18.425	18.420	18.444	HH	95154	1325848	0.21%	0.005%
390	18.459	18.444	18.490	HH	99372	2656013	0.42%	0.011%
391	18.502	18.490	18.522	HH	97496	1825365	0.29%	0.007%
392	18.535	18.522	18.554	HH	90995	1688456	0.26%	0.007%
393	18.559	18.554	18.565	HH	88836	594201	0.09%	0.002%
394	18.602	18.565	18.632	HH	108219	3787310	0.59%	0.015%
395	18.642	18.632	18.659	HH	85761	1359147	0.21%	0.006%
396	18.679	18.659	18.684	HH	89730	1320577	0.21%	0.005%
397	18.706	18.684	18.752	HH	159565	4326561	0.68%	0.018%
398	18.776	18.752	18.791	HH	93554	2050721	0.32%	0.008%
399	18.810	18.791	18.835	HH	90315	2238734	0.35%	0.009%
400	18.840	18.835	18.845	HH	79787	453616	0.07%	0.002%
401	18.865	18.845	18.873	HH	82464	1374942	0.22%	0.006%
402	18.895	18.873	18.920	HH	83596	2263131	0.36%	0.009%
403	18.940	18.920	18.958	HH	85131	1890722	0.30%	0.008%
404	18.998	18.958	19.016	HH	113453	3299004	0.52%	0.013%

					rteres			
405	19.020	19.016	19.034	HH	93905	1002722	0.16%	0.004%
406	19.045	19.034	19.076	HH	90529	2161975	0.34%	0.009%
407	19.114	19.076	19.131	HH	94762	2863562	0.45%	0.012%
408	19.148	19.131	19.155	HH	91741	1313091	0.21%	0.005%
409	19.174	19.155	19.226	HH	126064	3907495	0.61%	0.016%
410	19.246	19.226	19.309	HH	86529	3875712	0.61%	0.016%
411	19.328	19.309	19.344	HH	76818	1578698	0.25%	0.006%
412	19.382	19.344	19.402	HH	81289	2643519	0.41%	0.011%
413	19.423	19.402	19.456	HH	82603	2404138	0.38%	0.010%
414	19.480	19.456	19.543	HH	134233	4818085	0.76%	0.020%
415	19.563	19.543	19.573	HH	70127	1239919	0.19%	0.005%
416	19.598	19.573	19.622	HH	83138	2182426	0.34%	0.009%
417	19.628	19.622	19.641	HH	70403	794361	0.12%	0.003%
418	19.646	19.641	19.651	HH	69340	417179	0.07%	0.002%
419	19.672	19.651	19.690	HH	72871	1677297	0.26%	0.007%
420	19.709	19.690	19.718	HH	71456	1185219	0.19%	0.005%
421	19.757	19.718	19.777	HH	89484	2838754	0.45%	0.012%
422	19.786	19.777	19.842	HH	81720	3039942	0.48%	0.012%
423	19.849	19.842	19.859	HH	74756	757550	0.12%	0.003%
424	19.864	19.859	19.879	HH	74549	870635	0.14%	0.004%
425	19.887	19.879	19.917	HH	73059	1622625	0.25%	0.007%
426	19.929	19.917	19.960	HH	71492	1839380	0.29%	0.007%
427	20.026	19.960	20.104	HH	241178	8062179	1.26%	0.033%
428	20.118	20.104	20.135	HH	70787	1285516	0.20%	0.005%
429	20.158	20.135	20.194	HH	69302	2383973	0.37%	0.010%
430	20.198	20.194	20.205	HH	66927	464089	0.07%	0.002%
431	20.237	20.205	20.260	HH	75510	2244692	0.35%	0.009%
432	20.302	20.260	20.325	HH	66991	2571790	0.40%	0.010%
433	20.328	20.325	20.364	HH	65264	1526485	0.24%	0.006%
434	20.381	20.364	20.412	HH	65093	1871435	0.29%	0.008%
435	20.473	20.412	20.492	HH	66798	3105119	0.49%	0.013%
436	20.501	20.492	20.529	HH	64606	1406407	0.22%	0.006%
437	20.540	20.529	20.564	HH	64089	1327317	0.21%	0.005%
438	20.571	20.564	20.619	HH	63375	2054003	0.32%	0.008%
439	20.644	20.619	20.759	HH	65491	5163175	0.81%	0.021%
440	20.807	20.759	20.834	HH	62546	2674846	0.42%	0.011%
441	20.852	20.834	20.931	HH	59593	3326671	0.52%	0.014%
442	20.995	20.931	21.037	HH	63152	3666104	0.58%	0.015%
443	21.064	21.037	21.078	HH	54786	1335054	0.21%	0.005%
444	21.087	21.078	21.137	HH	54482	1896053	0.30%	0.008%
445	21.171	21.137	21.233	HH	55182	3037517	0.48%	0.012%
446	21.274	21.233	21.294	HH	52867	1930376	0.30%	0.008%
447	21.303	21.294	21.366	HH	52257	2205019	0.35%	0.009%
448	21.395	21.366	21.464	HH	51524	2961028	0.46%	0.012%
449	21.471	21.464	21.482	HH	49323	540927	0.08%	0.002%
450	21.516	21.482	21.589	HH	50053	3143806	0.49%	0.013%
451	21.595	21.589	21.651	HH	48369	1768023	0.28%	0.007%
452	21.665	21.651	21.686	HH	47677	996218	0.16%	0.004%
453	21.689	21.686	21.711	HH	47606	710510	0.11%	0.003%
454	21.720	21.711	21.729	HH	47674	522406	0.08%	0.002%
455	21.757	21.729	21.767	HH	48207	1100850	0.17%	0.004%
456	21.789	21.767	21.839	HH	48762	2047138	0.32%	0.008%

					rters			
457	21.852	21.839	21.891	HH	46964	1449893	0.23%	0.006%
458	21.899	21.891	21.940	HH	46603	1387983	0.22%	0.006%
459	21.948	21.940	21.997	HH	45657	1544096	0.24%	0.006%
460	22.017	21.997	22.179	HH	45414	4873687	0.76%	0.020%
461	22.196	22.179	22.217	HH	44568	1005813	0.16%	0.004%
462	22.222	22.217	22.232	HH	44118	396185	0.06%	0.002%
463	22.267	22.232	22.352	HH	45506	3201153	0.50%	0.013%
464	22.359	22.352	22.391	HH	43642	1011932	0.16%	0.004%
465	22.400	22.391	22.433	HH	43446	1101470	0.17%	0.004%
466	22.446	22.433	22.454	HH	43654	539135	0.08%	0.002%
467	22.460	22.454	22.484	HH	43642	792741	0.12%	0.003%
468	22.527	22.484	22.582	HH	45725	2573823	0.40%	0.010%
469	22.609	22.582	22.638	HH	42785	1430831	0.22%	0.006%
470	22.645	22.638	22.709	HH	42319	1785722	0.28%	0.007%
471	22.730	22.709	22.851	HH	41607	3494535	0.55%	0.014%
472	22.859	22.851	22.868	HH	40952	423444	0.07%	0.002%
473	22.874	22.868	22.882	HH	40799	343465	0.05%	0.001%
474	22.917	22.882	22.992	HH	41134	2691901	0.42%	0.011%
475	23.013	22.992	23.044	HH	40208	1240042	0.19%	0.005%
476	23.053	23.044	23.062	HH	40276	427249	0.07%	0.002%
477	23.073	23.062	23.171	HH	40424	2634937	0.41%	0.011%
478	23.181	23.171	23.191	HH	39608	458138	0.07%	0.002%
479	23.208	23.191	23.252	HH	39775	1452405	0.23%	0.006%
480	23.264	23.252	23.271	HH	39379	459320	0.07%	0.002%
481	23.301	23.271	23.339	HH	39622	1595144	0.25%	0.006%
482	23.351	23.339	23.361	HH	39582	513254	0.08%	0.002%
483	23.426	23.361	23.539	HH	40949	4244760	0.67%	0.017%
484	23.555	23.539	23.582	HH	38762	1000121	0.16%	0.004%
485	23.636	23.582	23.690	HH	38675	2485115	0.39%	0.010%
486	23.699	23.690	23.731	HH	38051	918034	0.14%	0.004%
487	23.762	23.731	23.776	HH	38210	1026557	0.16%	0.004%
488	23.784	23.776	23.808	HH	38140	731389	0.11%	0.003%
489	23.817	23.808	23.839	HH	38251	714702	0.11%	0.003%
490	23.863	23.839	23.876	HH	38231	836588	0.13%	0.003%
491	23.885	23.876	23.911	HH	38123	803387	0.13%	0.003%
492	23.918	23.911	23.951	HH	37893	910452	0.14%	0.004%
493	23.965	23.951	23.980	HH	37493	653197	0.10%	0.003%
494	23.990	23.980	24.006	HH	37503	577742	0.09%	0.002%
495	24.080	24.006	24.109	HH	37834	2323101	0.36%	0.009%
496	24.115	24.109	24.151	HH	37508	932625	0.15%	0.004%
497	24.171	24.151	24.210	HH	37258	1328080	0.21%	0.005%
498	24.220	24.210	24.241	HH	37067	674627	0.11%	0.003%
499	24.253	24.241	24.267	HH	37012	590464	0.09%	0.002%
500	24.296	24.267	24.347	HH	37074	1775941	0.28%	0.007%
501	24.358	24.347	24.369	HH	36958	465172	0.07%	0.002%
502	24.401	24.369	24.417	HH	36939	1076554	0.17%	0.004%
503	24.471	24.417	24.494	HH	37538	1710884	0.27%	0.007%
504	24.508	24.494	24.573	HH	37599	1767101	0.28%	0.007%
505	24.583	24.573	24.601	HHA	36909	627511	0.10%	0.003%

Sum of corrected areas: 24600056587