

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG100821\
 Data File : FG008815.D
 Signal(s) : FID1A.ch
 Acq On : 08 Oct 2021 13:24
 Sample : M4088-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\FG100721.M
 Title :

Signal : FID1A.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.339	2.334	2.343	PH	0	-163	-0.00%	-0.000%
2	2.348	2.343	2.365	PH	3	-379	-0.01%	-0.000%
3	2.372	2.365	2.382	PH	8	-640	-0.02%	-0.001%
4	2.397	2.382	2.407	PH	53	-538	-0.02%	-0.001%
5	2.410	2.407	2.439	PH	47	-498	-0.02%	-0.001%
6	2.447	2.439	2.454	PH	-36	-506	-0.02%	-0.001%
7	2.455	2.454	2.466	PH	-30	-331	-0.01%	-0.000%
8	2.478	2.466	2.491	PH	65	-313	-0.01%	-0.000%
9	2.495	2.491	2.510	PH	18	-364	-0.01%	-0.000%
10	2.523	2.510	2.528	PH	5	-305	-0.01%	-0.000%
11	2.538	2.528	2.576	PH	575	8804	0.27%	0.009%
12	2.587	2.576	2.603	HH	429	4437	0.13%	0.004%
13	2.612	2.603	2.627	HH	427	2535	0.08%	0.003%
14	2.641	2.627	2.662	PH	108	-852	-0.03%	-0.001%
15	2.672	2.662	2.684	PH	-58	-1392	-0.04%	-0.001%
16	2.691	2.684	2.704	PH	-22	-876	-0.03%	-0.001%
17	2.715	2.704	2.719	PH	-44	-527	-0.02%	-0.001%
18	2.723	2.719	2.734	PH	21	-547	-0.02%	-0.001%
19	2.744	2.734	2.755	PH	13	-788	-0.02%	-0.001%
20	2.770	2.755	2.789	PH	12	-1237	-0.04%	-0.001%
21	2.807	2.789	2.842	PH	713	5631	0.17%	0.006%
22	2.845	2.842	2.869	PH	28	-943	-0.03%	-0.001%
23	2.896	2.869	2.951	PH	2259	27006	0.82%	0.027%
24	2.953	2.951	2.958	HH	17	-5	-0.00%	-0.000%
25	2.974	2.958	3.011	PH	286	2351	0.07%	0.002%
26	3.017	3.011	3.024	PH	38	-129	-0.00%	-0.000%
27	3.035	3.024	3.053	PH	56	-511	-0.02%	-0.001%
28	3.080	3.053	3.103	PH	315	1965	0.06%	0.002%
29	3.122	3.103	3.164	PH	1838	15873	0.48%	0.016%
30	3.170	3.164	3.183	PH	77	-881	-0.03%	-0.001%
31	3.190	3.183	3.194	PH	-22	-623	-0.02%	-0.001%
32	3.199	3.194	3.208	PH	-43	-897	-0.03%	-0.001%
33	3.216	3.208	3.220	PH	-88	-967	-0.03%	-0.001%
34	3.224	3.220	3.241	PH	-66	-1863	-0.06%	-0.002%
35	3.263	3.241	3.334	PH	1473	22511	0.68%	0.023%
36	3.369	3.334	3.392	PH	486	4452	0.14%	0.005%

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37	3.398	3.392	3.414	PH	42	-893	-0.03%	-0.001%
38	3.436	3.414	3.462	PH	-67	-4051	-0.12%	-0.004%
39	3.475	3.462	3.515	PH	68	-1211	-0.04%	-0.001%
40	3.534	3.515	3.560	PH	74	-1572	-0.05%	-0.002%
41	3.563	3.560	3.568	PH	-66	-539	-0.02%	-0.001%
42	3.577	3.568	3.597	PH	-38	-2556	-0.08%	-0.003%
43	3.606	3.597	3.614	PH	-130	-1815	-0.06%	-0.002%
44	3.641	3.614	3.652	PH	-76	-3388	-0.10%	-0.003%
45	3.678	3.652	3.736	PH	3408	61758	1.88%	0.062%
46	3.753	3.736	3.773	HH	1535	19052	0.58%	0.019%
47	3.782	3.773	3.798	HH	627	6603	0.20%	0.007%
48	3.803	3.798	3.832	HH	280	2560	0.08%	0.003%
49	3.869	3.832	3.882	HH	1928	20305	0.62%	0.021%
50	3.889	3.882	3.935	HH	1155	11559	0.35%	0.012%
51	3.954	3.935	4.008	PH	1049	13445	0.41%	0.014%
52	4.016	4.008	4.025	PH	-54	-892	-0.03%	-0.001%
53	4.048	4.025	4.091	PH	3252	47196	1.44%	0.048%
54	4.094	4.091	4.098	HH	632	2491	0.08%	0.003%
55	4.104	4.098	4.108	HH	688	3780	0.11%	0.004%
56	4.112	4.108	4.147	HH	604	11152	0.34%	0.011%
57	4.152	4.147	4.167	HH	445	3851	0.12%	0.004%
58	4.208	4.167	4.237	HH	5888	68635	2.09%	0.069%
59	4.248	4.237	4.277	HH	448	8156	0.25%	0.008%
60	4.300	4.277	4.346	HH	437	8090	0.25%	0.008%
61	4.359	4.346	4.363	HH	89	644	0.02%	0.001%
62	4.367	4.363	4.376	HH	89	643	0.02%	0.001%
63	4.395	4.376	4.427	HH	411	6223	0.19%	0.006%
64	4.443	4.427	4.471	HH	1040	11385	0.35%	0.012%
65	4.489	4.471	4.506	HH	2889	28940	0.88%	0.029%
66	4.518	4.506	4.536	HH	726	10646	0.32%	0.011%
67	4.540	4.536	4.548	HH	497	3306	0.10%	0.003%
68	4.558	4.548	4.576	HH	417	6012	0.18%	0.006%
69	4.594	4.576	4.628	HH	5076	54532	1.66%	0.055%
70	4.660	4.628	4.696	HH	6166	85153	2.59%	0.086%
71	4.699	4.696	4.719	HH	379	3840	0.12%	0.004%
72	4.728	4.719	4.740	HH	317	2178	0.07%	0.002%
73	4.762	4.740	4.782	HH	354	5017	0.15%	0.005%
74	4.800	4.782	4.812	HH	1091	13016	0.40%	0.013%
75	4.825	4.812	4.850	HH	1375	16770	0.51%	0.017%
76	4.867	4.850	4.885	HH	564	7405	0.23%	0.007%
77	4.900	4.885	4.938	HH	719	6968	0.21%	0.007%
78	4.942	4.938	4.946	PH	-52	-456	-0.01%	-0.000%
79	4.950	4.946	4.958	PH	-19	-680	-0.02%	-0.001%
80	4.976	4.958	5.012	PH	485	1859	0.06%	0.002%
81	5.044	5.012	5.069	PH	1219	11742	0.36%	0.012%
82	5.090	5.069	5.123	PH	1225	20370	0.62%	0.021%
83	5.141	5.123	5.153	HH	1157	11042	0.34%	0.011%
84	5.166	5.153	5.207	HH	1396	14900	0.45%	0.015%
85	5.220	5.207	5.243	PH	105	82	0.00%	0.000%
86	5.254	5.243	5.273	PH	347	2899	0.09%	0.003%
87	5.281	5.273	5.301	HH	158	2014	0.06%	0.002%
88	5.316	5.301	5.343	HH	328	2978	0.09%	0.003%
89	5.363	5.343	5.396	PH	1050	12274	0.37%	0.012%

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90	5.434	5.396	5.464	PH	-9	-6453	-0.20%	-0.007%
91	5.492	5.464	5.507	PH	3287	30834	0.94%	0.031%
92	5.522	5.507	5.592	HH	2551	37873	1.15%	0.038%
93	5.625	5.592	5.656	PH	2339	24551	0.75%	0.025%
94	5.677	5.656	5.714	HH	3456	42481	1.29%	0.043%
95	5.769	5.714	5.804	HH	7886	143067	4.35%	0.145%
96	5.822	5.804	5.843	HH	4084	47018	1.43%	0.048%
97	5.862	5.843	5.922	HH	9625	104952	3.19%	0.106%
98	5.940	5.922	5.966	PH	714	9950	0.30%	0.010%
99	6.001	5.966	6.017	HH	1341	19067	0.58%	0.019%
100	6.038	6.017	6.076	HH	66827	704166	21.42%	0.712%
101	6.093	6.076	6.149	HH	71502	917536	27.91%	0.928%
102	6.164	6.149	6.198	HH	6621	144801	4.40%	0.146%
103	6.214	6.198	6.238	HH	3783	68244	2.08%	0.069%
104	6.255	6.238	6.280	HH	4365	65621	2.00%	0.066%
105	6.293	6.280	6.298	HH	1747	17668	0.54%	0.018%
106	6.306	6.298	6.324	HH	1702	22797	0.69%	0.023%
107	6.338	6.324	6.368	HH	1343	30133	0.92%	0.030%
108	6.369	6.368	6.378	HH	998	5343	0.16%	0.005%
109	6.408	6.378	6.455	HH	3880	88721	2.70%	0.090%
110	6.487	6.455	6.517	HH	3498	63737	1.94%	0.064%
111	6.536	6.517	6.571	HH	1301	30084	0.92%	0.030%
112	6.592	6.571	6.638	HH	3268	66990	2.04%	0.068%
113	6.666	6.638	6.692	HH	1007	23107	0.70%	0.023%
114	6.696	6.692	6.706	HH	565	3882	0.12%	0.004%
115	6.720	6.706	6.734	HH	644	9095	0.28%	0.009%
116	6.752	6.734	6.775	HH	3120	37622	1.14%	0.038%
117	6.789	6.775	6.803	HH	950	13093	0.40%	0.013%
118	6.817	6.803	6.847	HH	1257	24892	0.76%	0.025%
119	6.873	6.847	6.896	HH	13740	155038	4.72%	0.157%
120	6.907	6.896	6.925	HH	1677	23612	0.72%	0.024%
121	6.932	6.925	6.976	HH	1177	26919	0.82%	0.027%
122	7.003	6.976	7.012	HH	1249	22912	0.70%	0.023%
123	7.035	7.012	7.069	HH	3598	62461	1.90%	0.063%
124	7.100	7.069	7.162	HH	34756	488533	14.86%	0.494%
125	7.190	7.162	7.214	HH	2884	74010	2.25%	0.075%
126	7.234	7.214	7.296	HH	19395	279633	8.51%	0.283%
127	7.311	7.296	7.351	HH	1874	51870	1.58%	0.052%
128	7.381	7.351	7.397	HH	3833	65792	2.00%	0.067%
129	7.407	7.397	7.424	HH	2782	37697	1.15%	0.038%
130	7.439	7.424	7.475	HH	2912	66871	2.03%	0.068%
131	7.483	7.475	7.509	HH	2002	30955	0.94%	0.031%
132	7.530	7.509	7.539	HH	1421	23137	0.70%	0.023%
133	7.544	7.539	7.548	HH	1369	6985	0.21%	0.007%
134	7.575	7.548	7.595	HH	4396	79948	2.43%	0.081%
135	7.613	7.595	7.645	HH	7848	148732	4.52%	0.150%
136	7.683	7.645	7.701	HH	4598	122705	3.73%	0.124%
137	7.712	7.701	7.766	HH	3465	85230	2.59%	0.086%
138	7.781	7.766	7.791	HH	1823	25453	0.77%	0.026%
139	7.831	7.791	7.871	HH	6254	170338	5.18%	0.172%
140	7.887	7.871	7.935	HH	3591	106405	3.24%	0.108%
141	7.969	7.935	7.991	HH	7385	175194	5.33%	0.177%

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142	8.004	7.991	8.019	HH	9023	129645	3.94%	0.131%
143	8.026	8.019	8.062	HH	6528	111080	3.38%	0.112%
144	8.084	8.062	8.091	HH	5637	77704	2.36%	0.079%
145	8.096	8.091	8.137	HH	5315	110690	3.37%	0.112%
146	8.153	8.137	8.177	HH	3342	73504	2.24%	0.074%
147	8.201	8.177	8.213	HH	9450	129022	3.92%	0.130%
148	8.233	8.213	8.280	HH	27431	489693	14.89%	0.495%
149	8.286	8.280	8.328	HH	5208	112869	3.43%	0.114%
150	8.384	8.328	8.414	HH	7878	268547	8.17%	0.272%
151	8.433	8.414	8.464	HH	7727	158967	4.84%	0.161%
152	8.484	8.464	8.510	HH	4691	115098	3.50%	0.116%
153	8.527	8.510	8.590	HH	4359	182137	5.54%	0.184%
154	8.632	8.590	8.642	HH	4138	112130	3.41%	0.113%
155	8.663	8.642	8.687	HH	5638	133778	4.07%	0.135%
156	8.696	8.687	8.707	HH	4932	59035	1.80%	0.060%
157	8.729	8.707	8.755	HH	11473	212354	6.46%	0.215%
158	8.765	8.755	8.778	HH	6054	79755	2.43%	0.081%
159	8.795	8.778	8.820	HH	8349	162512	4.94%	0.164%
160	8.823	8.820	8.828	HH	4940	23445	0.71%	0.024%
161	8.834	8.828	8.841	HH	4973	37309	1.13%	0.038%
162	8.863	8.841	8.907	HH	10134	270744	8.24%	0.274%
163	8.924	8.907	8.941	HH	6184	115586	3.52%	0.117%
164	8.964	8.941	8.977	HH	5623	116548	3.54%	0.118%
165	9.015	8.977	9.048	HH	6633	250189	7.61%	0.253%
166	9.060	9.048	9.066	HH	5512	59391	1.81%	0.060%
167	9.092	9.066	9.118	HH	7153	190513	5.79%	0.193%
168	9.136	9.118	9.150	HH	6520	111993	3.41%	0.113%
169	9.179	9.150	9.200	HH	6503	175534	5.34%	0.178%
170	9.217	9.200	9.227	HH	5943	92570	2.82%	0.094%
171	9.251	9.227	9.266	HH	6581	142599	4.34%	0.144%
172	9.303	9.266	9.319	HH	7017	204101	6.21%	0.206%
173	9.332	9.319	9.360	HH	6799	164867	5.01%	0.167%
174	9.403	9.360	9.446	HH	8700	385610	11.73%	0.390%
175	9.486	9.446	9.522	HH	13497	441483	13.43%	0.446%
176	9.547	9.522	9.593	HH	10796	372001	11.31%	0.376%
177	9.617	9.593	9.622	HH	8063	135122	4.11%	0.137%
178	9.628	9.622	9.636	HH	8109	66640	2.03%	0.067%
179	9.649	9.636	9.677	HH	8647	200705	6.10%	0.203%
180	9.710	9.677	9.730	HH	13426	312564	9.51%	0.316%
181	9.749	9.730	9.772	HH	10489	234673	7.14%	0.237%
182	9.787	9.772	9.798	HH	9351	141025	4.29%	0.143%
183	9.840	9.798	9.858	HH	9697	339193	10.32%	0.343%
184	9.877	9.858	9.924	HH	10410	387766	11.79%	0.392%
185	9.932	9.924	9.945	HH	9989	124549	3.79%	0.126%
186	9.961	9.945	9.968	HH	10629	134805	4.10%	0.136%
187	9.980	9.968	10.018	HH	11100	313055	9.52%	0.317%
188	10.045	10.018	10.065	HH	11718	305330	9.29%	0.309%
189	10.078	10.065	10.093	HH	10913	182087	5.54%	0.184%
190	10.116	10.093	10.133	HH	11101	258756	7.87%	0.262%
191	10.144	10.133	10.162	HH	11159	189357	5.76%	0.192%
192	10.191	10.162	10.200	HH	11709	256482	7.80%	0.259%
193	10.225	10.200	10.241	HH	12498	290635	8.84%	0.294%
194	10.267	10.241	10.291	HH	14440	394401	12.00%	0.399%

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195	10.304	10.291	10.310	HH	13272	149801	4.56%	0.152%
196	10.325	10.310	10.329	HH	14202	155514	4.73%	0.157%
197	10.358	10.329	10.377	HH	14630	402838	12.25%	0.407%
198	10.391	10.377	10.403	HH	15063	229449	6.98%	0.232%
199	10.413	10.403	10.436	HH	15518	281058	8.55%	0.284%
200	10.462	10.436	10.486	HH	14749	423093	12.87%	0.428%
201	10.521	10.486	10.536	HH	16146	461748	14.04%	0.467%
202	10.547	10.536	10.562	HH	16071	238364	7.25%	0.241%
203	10.571	10.562	10.582	HH	15397	186928	5.69%	0.189%
204	10.610	10.582	10.630	HH	17744	479838	14.59%	0.485%
205	10.642	10.630	10.651	HH	17675	213713	6.50%	0.216%
206	10.691	10.651	10.711	HH	18657	637535	19.39%	0.645%
207	10.720	10.711	10.738	HH	18316	284439	8.65%	0.288%
208	10.745	10.738	10.768	HH	17909	309914	9.43%	0.313%
209	10.783	10.768	10.793	HH	16890	256106	7.79%	0.259%
210	10.814	10.793	10.835	HH	18195	438765	13.35%	0.444%
211	10.856	10.835	10.869	HH	19107	378591	11.52%	0.383%
212	10.887	10.869	10.921	HH	20729	592989	18.04%	0.600%
213	10.943	10.921	10.961	HH	19204	439473	13.37%	0.444%
214	10.983	10.961	11.018	HH	32723	863226	26.26%	0.873%
215	11.029	11.018	11.061	HH	21305	522546	15.89%	0.528%
216	11.104	11.061	11.122	HH	21944	749108	22.79%	0.758%
217	11.125	11.122	11.132	HH	20797	123499	3.76%	0.125%
218	11.150	11.132	11.164	HH	21737	414086	12.59%	0.419%
219	11.177	11.164	11.197	HH	21702	417609	12.70%	0.422%
220	11.205	11.197	11.238	HH	21869	510951	15.54%	0.517%
221	11.252	11.238	11.267	HH	21602	372254	11.32%	0.376%
222	11.285	11.267	11.289	HH	22193	292872	8.91%	0.296%
223	11.294	11.289	11.299	HH	22388	132945	4.04%	0.134%
224	11.303	11.299	11.332	HH	22414	425982	12.96%	0.431%
225	11.337	11.332	11.348	HH	21363	212230	6.46%	0.215%
226	11.353	11.348	11.358	HH	21366	115768	3.52%	0.117%
227	11.369	11.358	11.374	HH	20976	208105	6.33%	0.210%
228	11.406	11.374	11.430	HH	23744	746237	22.70%	0.755%
229	11.436	11.430	11.442	HH	21774	151756	4.62%	0.153%
230	11.447	11.442	11.460	HH	21922	236672	7.20%	0.239%
231	11.478	11.460	11.494	HH	22473	447049	13.60%	0.452%
232	11.512	11.494	11.540	HH	23294	614903	18.70%	0.622%
233	11.545	11.540	11.564	HH	22337	317302	9.65%	0.321%
234	11.580	11.564	11.590	HH	22494	344387	10.47%	0.348%
235	11.620	11.590	11.669	HH	23498	1073082	32.64%	1.085%
236	11.688	11.669	11.693	HH	23962	331608	10.09%	0.335%
237	11.697	11.693	11.713	HH	24211	278795	8.48%	0.282%
238	11.722	11.713	11.725	HH	23436	170614	5.19%	0.173%
239	11.731	11.725	11.743	HH	23756	250341	7.61%	0.253%
240	11.760	11.743	11.765	HH	24386	309996	9.43%	0.314%
241	11.790	11.765	11.801	HH	26315	542523	16.50%	0.549%
242	11.804	11.801	11.808	HH	25687	109956	3.34%	0.111%
243	11.818	11.808	11.858	HH	25951	747161	22.73%	0.756%
244	11.875	11.858	11.902	HH	25407	654801	19.92%	0.662%
245	11.907	11.902	11.923	HH	24172	299319	9.10%	0.303%
246	11.944	11.923	11.953	HH	25342	437096	13.29%	0.442%

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247	11.957	11.953	11.964	HH	24986	162058	4.93%	0.164%
248	11.974	11.964	12.023	HH	25641	861485	26.20%	0.871%
249	12.043	12.023	12.092	HH	35559	1130940	34.40%	1.144%
250	12.095	12.092	12.101	HH	24429	142111	4.32%	0.144%
251	12.107	12.101	12.113	HH	24365	169845	5.17%	0.172%
252	12.125	12.113	12.148	HH	25184	508476	15.47%	0.514%
253	12.154	12.148	12.164	HH	23595	216560	6.59%	0.219%
254	12.167	12.164	12.180	HH	23364	224652	6.83%	0.227%
255	12.190	12.180	12.193	HH	23974	184779	5.62%	0.187%
256	12.200	12.193	12.205	HH	24291	167824	5.10%	0.170%
257	12.215	12.205	12.223	HH	24282	265655	8.08%	0.269%
258	12.240	12.223	12.276	HH	34888	889978	27.07%	0.900%
259	12.284	12.276	12.290	HH	24817	202801	6.17%	0.205%
260	12.300	12.290	12.324	HH	25512	505995	15.39%	0.512%
261	12.329	12.324	12.338	HH	24083	202421	6.16%	0.205%
262	12.342	12.338	12.348	HH	24093	130632	3.97%	0.132%
263	12.356	12.348	12.367	HH	24428	274527	8.35%	0.278%
264	12.389	12.367	12.398	HH	24703	455340	13.85%	0.461%
265	12.403	12.398	12.408	HH	24033	143336	4.36%	0.145%
266	12.411	12.408	12.415	HH	24079	95415	2.90%	0.096%
267	12.418	12.415	12.437	HH	24207	311937	9.49%	0.315%
268	12.468	12.437	12.523	HH	25629	1230456	37.43%	1.244%
269	12.549	12.523	12.574	HH	23612	706074	21.48%	0.714%
270	12.580	12.574	12.590	HH	23514	225957	6.87%	0.229%
271	12.598	12.590	12.613	HH	23728	319488	9.72%	0.323%
272	12.640	12.613	12.657	HH	22973	591097	17.98%	0.598%
273	12.662	12.657	12.670	HH	22242	168139	5.11%	0.170%
274	12.684	12.670	12.706	HH	23283	475384	14.46%	0.481%
275	12.722	12.706	12.727	HH	22935	287992	8.76%	0.291%
276	12.732	12.727	12.738	HH	23113	150226	4.57%	0.152%
277	12.742	12.738	12.771	HH	23007	437026	13.29%	0.442%
278	12.777	12.771	12.801	HH	22063	388543	11.82%	0.393%
279	12.820	12.801	12.824	HH	21766	296324	9.01%	0.300%
280	12.829	12.824	12.842	HH	21254	227430	6.92%	0.230%
281	12.847	12.842	12.851	HH	21264	109375	3.33%	0.111%
282	12.860	12.851	12.884	HH	21821	421720	12.83%	0.427%
283	12.900	12.884	12.918	HH	21619	418328	12.72%	0.423%
284	12.924	12.918	12.941	HH	20993	288502	8.78%	0.292%
285	12.945	12.941	12.950	HH	20902	109783	3.34%	0.111%
286	12.966	12.950	12.979	HH	21433	369788	11.25%	0.374%
287	12.995	12.979	13.015	HH	21322	450896	13.71%	0.456%
288	13.031	13.015	13.041	HH	21578	326408	9.93%	0.330%
289	13.066	13.041	13.085	HH	25694	612869	18.64%	0.620%
290	13.088	13.085	13.093	HH	21904	107987	3.28%	0.109%
291	13.121	13.093	13.148	HH	57284	1132464	34.45%	1.145%
292	13.152	13.148	13.173	HH	22175	325154	9.89%	0.329%
293	13.181	13.173	13.207	HH	21058	409178	12.45%	0.414%
294	13.211	13.207	13.231	HH	20192	285832	8.69%	0.289%
295	13.273	13.231	13.393	HH	101746	3287712	100.00%	3.325%
296	13.396	13.393	13.405	HH	20044	147465	4.49%	0.149%
297	13.419	13.405	13.442	HH	20036	426484	12.97%	0.431%
298	13.451	13.442	13.456	HH	19113	157512	4.79%	0.159%
299	13.478	13.456	13.506	HH	21061	587124	17.86%	0.594%

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300	13.509	13.506	13.516	HH	18990	120494	3.66%	0.122%
301	13.522	13.516	13.551	HH	18495	377238	11.47%	0.382%
302	13.568	13.551	13.597	HH	19013	505094	15.36%	0.511%
303	13.603	13.597	13.608	HH	17885	114985	3.50%	0.116%
304	13.625	13.608	13.629	HH	18318	228731	6.96%	0.231%
305	13.633	13.629	13.643	HH	18160	153126	4.66%	0.155%
306	13.670	13.643	13.675	HH	18087	339576	10.33%	0.343%
307	13.679	13.675	13.711	HH	18158	377865	11.49%	0.382%
308	13.723	13.711	13.743	HH	17499	321856	9.79%	0.326%
309	13.756	13.743	13.777	HH	18359	370810	11.28%	0.375%
310	13.784	13.777	13.803	HH	17798	258364	7.86%	0.261%
311	13.830	13.803	13.870	HH	17109	664391	20.21%	0.672%
312	13.886	13.870	13.899	HH	16572	283609	8.63%	0.287%
313	13.915	13.899	13.935	HH	17287	358566	10.91%	0.363%
314	13.939	13.935	13.960	HH	16228	236899	7.21%	0.240%
315	13.964	13.960	13.968	HH	15555	77404	2.35%	0.078%
316	13.980	13.968	14.008	HH	16742	388140	11.81%	0.393%
317	14.011	14.008	14.027	HH	15759	169247	5.15%	0.171%
318	14.032	14.027	14.038	HH	15315	104978	3.19%	0.106%
319	14.056	14.038	14.072	HH	15909	309749	9.42%	0.313%
320	14.077	14.072	14.086	HH	15298	127562	3.88%	0.129%
321	14.090	14.086	14.097	HH	14779	96444	2.93%	0.098%
322	14.103	14.097	14.111	HH	14799	122716	3.73%	0.124%
323	14.118	14.111	14.123	HH	15014	103621	3.15%	0.105%
324	14.128	14.123	14.134	HH	14953	103564	3.15%	0.105%
325	14.138	14.134	14.147	HH	15164	112324	3.42%	0.114%
326	14.152	14.147	14.164	HH	14908	152621	4.64%	0.154%
327	14.207	14.164	14.288	HH	19848	1185156	36.05%	1.199%
328	14.293	14.288	14.302	HH	14195	118778	3.61%	0.120%
329	14.308	14.302	14.334	HH	13853	261473	7.95%	0.264%
330	14.345	14.334	14.376	HH	13621	330735	10.06%	0.334%
331	14.398	14.376	14.414	HH	14033	309434	9.41%	0.313%
332	14.423	14.414	14.439	HH	13219	193975	5.90%	0.196%
333	14.457	14.439	14.462	HH	13128	177228	5.39%	0.179%
334	14.467	14.462	14.478	HH	13078	125863	3.83%	0.127%
335	14.481	14.478	14.489	HH	13150	83960	2.55%	0.085%
336	14.493	14.489	14.513	HH	12987	184996	5.63%	0.187%
337	14.516	14.513	14.523	HH	12678	68656	2.09%	0.069%
338	14.525	14.523	14.547	HH	12674	178452	5.43%	0.180%
339	14.548	14.547	14.566	HH	12284	139198	4.23%	0.141%
340	14.570	14.566	14.575	HH	12193	65059	1.98%	0.066%
341	14.581	14.575	14.586	HH	11926	76098	2.31%	0.077%
342	14.603	14.586	14.610	HH	11830	168929	5.14%	0.171%
343	14.620	14.610	14.643	HH	12208	232355	7.07%	0.235%
344	14.646	14.643	14.658	HH	11764	102904	3.13%	0.104%
345	14.667	14.658	14.681	HH	11898	161228	4.90%	0.163%
346	14.686	14.681	14.702	HH	11303	139672	4.25%	0.141%
347	14.738	14.702	14.781	HH	182339	2786189	84.75%	2.818%
348	14.787	14.781	14.804	HH	11523	155121	4.72%	0.157%
349	14.806	14.804	14.818	HH	11182	91382	2.78%	0.092%
350	14.826	14.818	14.867	HH	10935	305260	9.28%	0.309%
351	14.870	14.867	14.876	HH	10214	56529	1.72%	0.057%

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352	14.898	14.876	14.909	HH	10546	203612	6.19%	0.206%
353	14.939	14.909	14.973	HH	11801	410026	12.47%	0.415%
354	14.978	14.973	15.007	HH	10189	199292	6.06%	0.202%
355	15.011	15.007	15.027	HH	10099	120644	3.67%	0.122%
356	15.033	15.027	15.055	HH	9491	157624	4.79%	0.159%
357	15.063	15.055	15.068	HH	9268	70585	2.15%	0.071%
358	15.081	15.068	15.109	HH	9870	226637	6.89%	0.229%
359	15.133	15.109	15.160	HH	10091	284737	8.66%	0.288%
360	15.163	15.160	15.172	HH	8775	61018	1.86%	0.062%
361	15.183	15.172	15.204	HH	8877	170283	5.18%	0.172%
362	15.209	15.204	15.230	HH	8697	132549	4.03%	0.134%
363	15.232	15.230	15.237	HH	8530	33493	1.02%	0.034%
364	15.243	15.237	15.252	HH	8627	73226	2.23%	0.074%
365	15.272	15.252	15.294	HH	8436	208326	6.34%	0.211%
366	15.335	15.294	15.441	HH	20452	1039281	31.61%	1.051%
367	15.461	15.441	15.502	HH	9347	317673	9.66%	0.321%
368	15.514	15.502	15.521	HH	7582	82634	2.51%	0.084%
369	15.536	15.521	15.580	HH	7918	261381	7.95%	0.264%
370	15.600	15.580	15.643	HH	7309	265807	8.08%	0.269%
371	15.646	15.643	15.666	HH	7014	93825	2.85%	0.095%
372	15.671	15.666	15.699	HH	6850	134237	4.08%	0.136%
373	15.705	15.699	15.724	HH	6797	99088	3.01%	0.100%
374	15.729	15.724	15.735	HH	6766	43083	1.31%	0.044%
375	15.747	15.735	15.764	HH	6748	116428	3.54%	0.118%
376	15.770	15.764	15.812	HH	6702	186275	5.67%	0.188%
377	15.825	15.812	15.831	HH	6346	69501	2.11%	0.070%
378	15.853	15.831	15.904	HH	6485	271716	8.26%	0.275%
379	15.921	15.904	15.934	HH	6006	105131	3.20%	0.106%
380	15.964	15.934	16.001	HH	7197	250470	7.62%	0.253%
381	16.005	16.001	16.011	HH	5870	33761	1.03%	0.034%
382	16.017	16.011	16.043	HH	5735	109534	3.33%	0.111%
383	16.051	16.043	16.072	HH	5695	94385	2.87%	0.095%
384	16.104	16.072	16.113	HH	5579	132101	4.02%	0.134%
385	16.117	16.113	16.125	HH	5470	39348	1.20%	0.040%
386	16.131	16.125	16.148	HH	5590	73602	2.24%	0.074%
387	16.163	16.148	16.182	HH	5779	113980	3.47%	0.115%
388	16.185	16.182	16.206	HH	5603	77485	2.36%	0.078%
389	16.210	16.206	16.238	HH	5254	101891	3.10%	0.103%
390	16.244	16.238	16.249	HH	5369	34037	1.04%	0.034%
391	16.268	16.249	16.283	HH	5461	108254	3.29%	0.109%
392	16.304	16.283	16.319	HH	5573	116325	3.54%	0.118%
393	16.355	16.319	16.390	HH	6223	241250	7.34%	0.244%
394	16.395	16.390	16.406	HH	5423	50885	1.55%	0.051%
395	16.412	16.406	16.427	HH	5237	67482	2.05%	0.068%
396	16.449	16.427	16.473	HH	6435	153007	4.65%	0.155%
397	16.488	16.473	16.502	HH	5245	89551	2.72%	0.091%
398	16.508	16.502	16.512	HH	5134	29351	0.89%	0.030%
399	16.532	16.512	16.566	HH	6790	180782	5.50%	0.183%
400	16.571	16.566	16.583	HH	4918	49189	1.50%	0.050%
401	16.595	16.583	16.603	HH	5029	58792	1.79%	0.059%
402	16.607	16.603	16.618	HH	4953	43898	1.34%	0.044%
403	16.623	16.618	16.653	HH	4954	100818	3.07%	0.102%
404	16.657	16.653	16.690	HH	4711	100789	3.07%	0.102%

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405	16.698	16.690	16.702	HH	4586	31278	0.95%	0.032%
406	16.709	16.702	16.713	HH	4641	31571	0.96%	0.032%
407	16.734	16.713	16.752	HH	4852	107107	3.26%	0.108%
408	16.763	16.752	16.775	HH	4809	65393	1.99%	0.066%
409	16.779	16.775	16.793	HH	4738	50717	1.54%	0.051%
410	16.797	16.793	16.834	HH	4607	107504	3.27%	0.109%
411	16.839	16.834	16.855	HH	4418	54674	1.66%	0.055%
412	16.873	16.855	16.878	HH	4612	60513	1.84%	0.061%
413	16.883	16.878	16.890	HH	4677	33347	1.01%	0.034%
414	16.915	16.890	16.943	HH	5914	156900	4.77%	0.159%
415	16.967	16.943	17.041	HH	6621	274929	8.36%	0.278%
416	17.044	17.041	17.065	HH	4097	56567	1.72%	0.057%
417	17.069	17.065	17.076	HH	3834	24388	0.74%	0.025%
418	17.083	17.076	17.093	HH	3841	39631	1.21%	0.040%
419	17.097	17.093	17.102	HH	3876	19253	0.59%	0.019%
420	17.106	17.102	17.118	HH	3918	38580	1.17%	0.039%
421	17.122	17.118	17.132	HH	3864	30818	0.94%	0.031%
422	17.135	17.132	17.145	HH	3919	30464	0.93%	0.031%
423	17.165	17.145	17.204	HH	4031	135238	4.11%	0.137%
424	17.212	17.204	17.220	HH	3665	34914	1.06%	0.035%
425	17.222	17.220	17.229	HH	3657	19922	0.61%	0.020%
426	17.256	17.229	17.271	HH	3933	93050	2.83%	0.094%
427	17.305	17.271	17.318	HH	3927	107502	3.27%	0.109%
428	17.323	17.318	17.333	HH	3774	31575	0.96%	0.032%
429	17.336	17.333	17.342	HH	3855	20573	0.63%	0.021%
430	17.367	17.342	17.406	HH	5217	160378	4.88%	0.162%
431	17.410	17.406	17.429	HH	3475	47222	1.44%	0.048%
432	17.433	17.429	17.446	HH	3370	32903	1.00%	0.033%
433	17.454	17.446	17.481	HH	3579	72293	2.20%	0.073%
434	17.489	17.481	17.512	HH	3493	64796	1.97%	0.066%
435	17.536	17.512	17.548	HH	3430	69776	2.12%	0.071%
436	17.552	17.548	17.569	HH	3371	41554	1.26%	0.042%
437	17.584	17.569	17.623	HH	3329	104001	3.16%	0.105%
438	17.657	17.623	17.690	HH	3372	129015	3.92%	0.130%
439	17.695	17.690	17.700	HH	3179	18885	0.57%	0.019%
440	17.707	17.700	17.715	HH	3236	28509	0.87%	0.029%
441	17.718	17.715	17.725	HH	3167	18894	0.57%	0.019%
442	17.763	17.725	17.768	HH	3387	82962	2.52%	0.084%
443	17.804	17.768	17.836	HH	4877	154972	4.71%	0.157%
444	17.859	17.836	17.876	HH	3374	78697	2.39%	0.080%
445	17.882	17.876	17.886	HH	3286	20510	0.62%	0.021%
446	17.898	17.886	17.908	HH	3464	44451	1.35%	0.045%
447	17.911	17.908	17.932	HH	3319	45678	1.39%	0.046%
448	17.954	17.932	17.964	HH	3450	64113	1.95%	0.065%
449	17.967	17.964	17.976	HH	3422	23802	0.72%	0.024%
450	17.980	17.976	17.997	HH	3358	41194	1.25%	0.042%
451	18.001	17.997	18.017	HH	3339	39586	1.20%	0.040%
452	18.042	18.017	18.048	HH	3415	60157	1.83%	0.061%
453	18.052	18.048	18.070	HH	3266	43056	1.31%	0.044%
454	18.083	18.070	18.122	HH	3404	100591	3.06%	0.102%
455	18.139	18.122	18.146	HH	3403	47512	1.45%	0.048%
456	18.186	18.146	18.213	HH	7416	225966	6.87%	0.229%

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457	18.229	18.213	18.267	HH	6190	154458	4.70%	0.156%
458	18.268	18.267	18.273	HH	3577	12157	0.37%	0.012%
459	18.277	18.273	18.297	HH	3500	49143	1.49%	0.050%
460	18.325	18.297	18.377	HH	3867	165750	5.04%	0.168%
461	18.383	18.377	18.397	HH	3285	38722	1.18%	0.039%
462	18.403	18.397	18.420	HH	3259	44189	1.34%	0.045%
463	18.425	18.420	18.441	HH	3270	40437	1.23%	0.041%
464	18.445	18.441	18.467	HH	3308	51362	1.56%	0.052%
465	18.481	18.467	18.495	HH	3351	54595	1.66%	0.055%
466	18.503	18.495	18.520	HH	3377	49589	1.51%	0.050%
467	18.535	18.520	18.548	HH	3378	54311	1.65%	0.055%
468	18.552	18.548	18.557	HH	3338	18613	0.57%	0.019%
469	18.578	18.557	18.586	HH	3348	55916	1.70%	0.057%
470	18.639	18.586	18.687	HH	5326	241593	7.35%	0.244%
471	18.689	18.687	18.694	HH	3558	14394	0.44%	0.015%
472	18.707	18.694	18.720	HH	3524	55425	1.69%	0.056%
473	18.742	18.720	18.750	HH	3882	66868	2.03%	0.068%
474	18.753	18.750	18.759	HH	3849	19877	0.60%	0.020%
475	18.764	18.759	18.773	HH	3938	31640	0.96%	0.032%
476	18.781	18.773	18.787	HH	3893	32840	1.00%	0.033%
477	18.789	18.787	18.793	HH	4002	15671	0.48%	0.016%
478	18.798	18.793	18.804	HH	4067	25690	0.78%	0.026%
479	18.807	18.804	18.823	HH	3992	45011	1.37%	0.046%
480	18.831	18.823	18.835	HH	3924	27223	0.83%	0.028%
481	18.840	18.835	18.879	HH	3955	100750	3.06%	0.102%
482	18.889	18.879	18.911	HH	3889	73035	2.22%	0.074%
483	18.914	18.911	18.928	HH	3816	37615	1.14%	0.038%
484	18.940	18.928	18.953	HH	3945	57304	1.74%	0.058%
485	19.016	18.953	19.032	HH	7100	245141	7.46%	0.248%
486	19.034	19.032	19.120	HH	6977	277906	8.45%	0.281%
487	19.136	19.120	19.160	HH	4631	108641	3.30%	0.110%
488	19.176	19.160	19.184	HH	4637	65509	1.99%	0.066%
489	19.202	19.184	19.220	HH	4618	97832	2.98%	0.099%
490	19.237	19.220	19.266	HH	5197	132744	4.04%	0.134%
491	19.288	19.266	19.293	HH	4590	70347	2.14%	0.071%
492	19.298	19.293	19.307	HH	4541	38554	1.17%	0.039%
493	19.311	19.307	19.316	HH	4526	24284	0.74%	0.025%
494	19.332	19.316	19.345	HH	4600	79331	2.41%	0.080%
495	19.351	19.345	19.357	HH	4567	32605	0.99%	0.033%
496	19.366	19.357	19.379	HH	4475	59057	1.80%	0.060%
497	19.427	19.379	19.451	HH	5621	210994	6.42%	0.213%
498	19.462	19.451	19.481	HH	4839	85923	2.61%	0.087%
499	19.541	19.481	19.575	HH	5598	291084	8.85%	0.294%
500	19.580	19.575	19.583	HH	5124	25423	0.77%	0.026%
501	19.610	19.583	19.622	HH	5390	121139	3.68%	0.123%
502	19.626	19.622	19.636	HH	5345	43504	1.32%	0.044%
503	19.641	19.636	19.647	HH	5248	33982	1.03%	0.034%
504	19.654	19.647	19.665	HH	5270	56987	1.73%	0.058%
505	19.719	19.665	19.751	HH	5837	282189	8.58%	0.285%
506	19.756	19.751	19.763	HH	5453	40341	1.23%	0.041%
507	19.801	19.763	19.820	HH	6433	201238	6.12%	0.204%
508	19.825	19.820	19.833	HH	5898	43770	1.33%	0.044%
509	19.837	19.833	19.843	HH	5952	37959	1.15%	0.038%

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510	19.847	19.843	19.856	HH	5851	43953	1.34%	0.044%
511	19.861	19.856	19.884	HH	5922	99179	3.02%	0.100%
512	19.908	19.884	19.933	HH	6036	170755	5.19%	0.173%
513	19.954	19.933	19.971	HH	6056	137592	4.19%	0.139%
514	20.020	19.971	20.025	HH	6388	201386	6.13%	0.204%
515	20.055	20.025	20.087	HH	7057	245942	7.48%	0.249%
516	20.091	20.087	20.115	HH	6453	107724	3.28%	0.109%
517	20.126	20.115	20.130	HH	6549	60641	1.84%	0.061%
518	20.167	20.130	20.191	HH	7399	252466	7.68%	0.255%
519	20.214	20.191	20.243	HH	7269	220758	6.71%	0.223%
520	20.249	20.243	20.253	HH	7007	41454	1.26%	0.042%
521	20.260	20.253	20.264	HH	6967	45045	1.37%	0.046%
522	20.274	20.264	20.296	HH	7015	132554	4.03%	0.134%
523	20.331	20.296	20.361	HH	9518	315243	9.59%	0.319%
524	20.442	20.361	20.504	HH	8702	683564	20.79%	0.691%
525	20.532	20.504	20.554	HH	8403	248087	7.55%	0.251%
526	20.569	20.554	20.573	HH	8211	90245	2.74%	0.091%
527	20.576	20.573	20.589	HH	8275	81800	2.49%	0.083%
528	20.613	20.589	20.622	HH	8383	165221	5.03%	0.167%
529	20.632	20.622	20.636	HH	8416	66824	2.03%	0.068%
530	20.640	20.636	20.651	HH	8391	75795	2.31%	0.077%
531	20.655	20.651	20.662	HH	8474	54610	1.66%	0.055%
532	20.693	20.662	20.737	HH	8771	384768	11.70%	0.389%
533	20.740	20.737	20.765	HH	8406	142699	4.34%	0.144%
534	20.769	20.765	20.781	HH	8389	76070	2.31%	0.077%
535	20.797	20.781	20.810	HH	8403	145485	4.43%	0.147%
536	20.843	20.810	20.857	HH	8449	237690	7.23%	0.240%
537	20.866	20.857	20.886	HH	8420	142932	4.35%	0.145%
538	20.925	20.886	20.959	HH	8805	376866	11.46%	0.381%
539	20.962	20.959	20.975	HH	8473	81197	2.47%	0.082%
540	20.997	20.975	21.057	HH	8560	414404	12.60%	0.419%
541	21.062	21.057	21.069	HH	8512	61819	1.88%	0.063%
542	21.074	21.069	21.092	HH	8515	114852	3.49%	0.116%
543	21.097	21.092	21.133	HH	8451	207868	6.32%	0.210%
544	21.137	21.133	21.146	HH	8480	67010	2.04%	0.068%
545	21.152	21.146	21.175	HH	8388	147144	4.48%	0.149%
546	21.180	21.175	21.210	HH	8376	174344	5.30%	0.176%
547	21.243	21.210	21.297	HH	8743	438204	13.33%	0.443%
548	21.306	21.297	21.311	HH	8216	67123	2.04%	0.068%
549	21.333	21.311	21.337	HH	8283	129807	3.95%	0.131%
550	21.357	21.337	21.377	HH	8430	199315	6.06%	0.202%
551	21.383	21.377	21.417	HH	8284	196859	5.99%	0.199%
552	21.421	21.417	21.462	HH	8258	219782	6.68%	0.222%
553	21.504	21.462	21.530	HH	8218	332771	10.12%	0.337%
554	21.550	21.530	21.569	HH	8169	188023	5.72%	0.190%
555	21.596	21.569	21.604	HH	8175	172103	5.23%	0.174%
556	21.617	21.604	21.659	HH	8164	263993	8.03%	0.267%
557	21.663	21.659	21.690	HH	8057	152540	4.64%	0.154%
558	21.702	21.690	21.759	HH	8055	328404	9.99%	0.332%
559	21.767	21.759	21.778	HH	8039	92662	2.82%	0.094%
560	21.786	21.778	21.805	HH	7981	131035	3.99%	0.133%
561	21.907	21.805	21.979	HH	8415	850795	25.88%	0.860%

562 21.988 21.979 22.000 HHA 8013 107700 3.28% 0.109%
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Sum of corrected areas: 98877095

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