

Instrument :
FID_G
ClientSampleId :
HAR-SOILPILE

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
10/18/2021 4:37:35 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG101521\
Data File : FG008901.D
Signal(s) : FID1A.ch
Acq On : 15 Oct 2021 22:16
Sample : M4195-01
Misc :
ALS Vial : 16 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	2.320	2.306	2.328	HH	6591	72111	0.26%	0.003%
2	2.340	2.328	2.355	HH	10911	130999	0.46%	0.006%
3	2.364	2.355	2.379	HH	6628	88006	0.31%	0.004%
4	2.391	2.379	2.456	HH	7709	235641	0.84%	0.011%
5	2.478	2.456	2.490	HH	4256	78452	0.28%	0.004%
6	2.515	2.490	2.537	HH	8007	178472	0.63%	0.008%
7	2.545	2.537	2.557	HH	7010	79198	0.28%	0.004%
8	2.585	2.557	2.596	HH	16929	247160	0.88%	0.012%
9	2.606	2.596	2.650	HH	14952	275517	0.98%	0.013%
10	2.668	2.650	2.683	HH	9793	140456	0.50%	0.007%
11	2.709	2.683	2.755	HH	19006	394233	1.40%	0.019%
12	2.759	2.755	2.776	HH	5353	58304	0.21%	0.003%
13	2.797	2.776	2.823	HH	200263	1955115	6.93%	0.093%
14	2.830	2.823	2.867	HH	25946	389129	1.38%	0.018%
15	2.888	2.867	2.940	HH	79992	1340963	4.75%	0.064%
16	2.956	2.940	2.969	HH	16209	214462	0.76%	0.010%
17	2.982	2.969	3.025	HH	22077	472337	1.67%	0.022%
18	3.040	3.025	3.049	HH	15784	176936	0.63%	0.008%
19	3.068	3.049	3.104	HH	631685	7795820	27.64%	0.370%
20	3.113	3.104	3.166	HH	98635	1846490	6.55%	0.088%
21	3.185	3.166	3.199	HH	24434	449033	1.59%	0.021%
22	3.208	3.199	3.222	HH	19753	237965	0.84%	0.011%
23	3.234	3.222	3.241	HH	18343	198036	0.70%	0.009%
24	3.253	3.241	3.280	HH	19611	405405	1.44%	0.019%
25	3.294	3.280	3.322	HH	23069	382618	1.36%	0.018%
26	3.343	3.322	3.372	HH	25122	527938	1.87%	0.025%
27	3.383	3.372	3.399	HH	19534	250310	0.89%	0.012%
28	3.414	3.399	3.450	HH	14922	326455	1.16%	0.015%
29	3.467	3.450	3.482	HH	31068	348514	1.24%	0.017%
30	3.492	3.482	3.504	HH	17490	199102	0.71%	0.009%
31	3.512	3.504	3.527	HH	14303	170973	0.61%	0.008%
32	3.542	3.527	3.551	HH	13197	164124	0.58%	0.008%
33	3.575	3.551	3.598	HH	19259	424150	1.50%	0.020%
34	3.610	3.598	3.618	HH	13684	143852	0.51%	0.007%
35	3.635	3.618	3.660	HH	24533	431634	1.53%	0.020%
36	3.685	3.660	3.708	HH	17158	436904	1.55%	0.021%

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37	3.714	3.708	3.726	HH	16088	162301	0.58%	0.008%
38	3.740	3.726	3.765	HH	30743	549267	1.95%	0.026%
39	3.778	3.765	3.798	HH	29568	425960	1.51%	0.020%
40	3.812	3.798	3.826	HH	22317	275684	0.98%	0.013%
41	3.836	3.826	3.846	HH	13628	145634	0.52%	0.007%
42	3.864	3.846	3.874	HH	95151	936003	3.32%	0.044%
43	3.884	3.874	3.902	HH	81429	945361	3.35%	0.045%
44	3.908	3.902	3.923	HH	31070	323088	1.15%	0.015%
45	3.948	3.923	3.980	HH	53654	933068	3.31%	0.044%
46	3.985	3.980	4.004	HH	15060	171710	0.61%	0.008%
47	4.048	4.004	4.089	HH	200590	2830210	10.03%	0.134%
48	4.100	4.089	4.118	HH	23825	339567	1.20%	0.016%
49	4.134	4.118	4.150	HH	35786	444989	1.58%	0.021%
50	4.186	4.150	4.209	HH	657274	10032869	35.57%	0.476%
51	4.221	4.209	4.269	HH	428909	6038873	21.41%	0.287%
52	4.280	4.269	4.329	HH	47677	1144840	4.06%	0.054%
53	4.354	4.329	4.376	HH	34307	735326	2.61%	0.035%
54	4.397	4.376	4.406	HH	28500	445078	1.58%	0.021%
55	4.411	4.406	4.426	HH	27016	291684	1.03%	0.014%
56	4.439	4.426	4.468	HH	29708	576093	2.04%	0.027%
57	4.485	4.468	4.497	HH	56470	616226	2.18%	0.029%
58	4.512	4.497	4.533	HH	107600	1270554	4.50%	0.060%
59	4.545	4.533	4.558	HH	34782	431750	1.53%	0.020%
60	4.591	4.558	4.626	HH	365785	4194677	14.87%	0.199%
61	4.658	4.626	4.685	HH	1223859	13005047	46.11%	0.617%
62	4.694	4.685	4.711	HH	104598	1258311	4.46%	0.060%
63	4.725	4.711	4.738	HH	66793	838470	2.97%	0.040%
64	4.748	4.738	4.763	HH	43465	585501	2.08%	0.028%
65	4.773	4.763	4.782	HH	42951	457618	1.62%	0.022%
66	4.797	4.782	4.809	HH	69282	901623	3.20%	0.043%
67	4.815	4.809	4.835	HH	55108	676990	2.40%	0.032%
68	4.857	4.835	4.879	HH	80723	1301789	4.62%	0.062%
69	4.898	4.879	4.907	HH	74124	886213	3.14%	0.042%
70	4.916	4.907	4.943	HH	76693	1050729	3.73%	0.050%
71	4.965	4.943	4.982	HH	37218	722537	2.56%	0.034%
72	4.994	4.982	5.000	HH	31599	307070	1.09%	0.015%
73	5.006	5.000	5.022	HH	32497	358285	1.27%	0.017%
74	5.051	5.022	5.060	HH	42762	727086	2.58%	0.035%
75	5.086	5.060	5.098	HH	77080	1325746	4.70%	0.063%
76	5.117	5.098	5.127	HH	147808	1783399	6.32%	0.085%
77	5.137	5.127	5.150	HH	146131	1541719	5.47%	0.073%
78	5.163	5.150	5.174	HH	160010	1640291	5.82%	0.078%
79	5.190	5.174	5.206	HH	162741	2141474	7.59%	0.102%
80	5.215	5.206	5.232	HH	80626	961552	3.41%	0.046%
81	5.253	5.232	5.263	HH	207782	2373555	8.42%	0.113%
82	5.268	5.263	5.291	HH	169576	2135296	7.57%	0.101%
83	5.307	5.291	5.333	HH	236489	3109914	11.03%	0.148%
84	5.345	5.333	5.359	HH	60689	903467	3.20%	0.043%
85	5.373	5.359	5.389	HH	80400	1112548	3.94%	0.053%
86	5.407	5.389	5.411	HH	72064	769090	2.73%	0.036%
87	5.433	5.411	5.464	HH	684403	7924824	28.10%	0.376%
88	5.489	5.464	5.502	HH	155199	2363878	8.38%	0.112%
89	5.517	5.502	5.524	HH	154043	1766012	6.26%	0.084%

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90	5.537	5.524	5.582	HH	259756	4090136	14.50%	0.194%
91	5.596	5.582	5.608	HH	65281	876267	3.11%	0.042%
92	5.616	5.608	5.650	HH	57467	1199758	4.25%	0.057%
93	5.672	5.650	5.690	HH	208040	2761360	9.79%	0.131%
94	5.698	5.690	5.712	HH	79425	896622	3.18%	0.043%
95	5.750	5.712	5.777	HH	585021	10202656	36.17%	0.484%
96	5.791	5.777	5.799	HH	417772	4347364	15.41%	0.206%
97	5.813	5.799	5.835	HH	734301	8580935	30.42%	0.407%
98	5.840	5.835	5.853	HH	127060	1192582	4.23%	0.057%
99	5.869	5.853	5.889	HH	128691	2122237	7.52%	0.101%
100	5.894	5.889	5.922	HH	70768	1050189	3.72%	0.050%
101	5.944	5.922	5.965	HH	78827	1446257	5.13%	0.069%
102	6.000	5.965	6.015	HH	109966	2508916	8.90%	0.119%
103	6.042	6.015	6.060	HH	1293720	13299884	47.15%	0.631%
104	6.066	6.060	6.072	HH	99973	650792	2.31%	0.031%
105	6.092	6.072	6.115	HH	210806	3650884	12.94%	0.173%
106	6.130	6.115	6.153	HH	123292	2205419	7.82%	0.105%
107	6.169	6.153	6.199	HH	120695	2437349	8.64%	0.116%
108	6.221	6.199	6.239	HH	99340	1911654	6.78%	0.091%
109	6.254	6.239	6.266	HH	100395	1352226	4.79%	0.064%
110	6.277	6.266	6.282	HH	94109	872505	3.09%	0.041%
111	6.302	6.282	6.326	HH	118645	2593689	9.20%	0.123%
112	6.348	6.326	6.367	HH	98799	1981694	7.03%	0.094%
113	6.426	6.367	6.455	HH	578344	10880000	38.57%	0.516%
114	6.479	6.455	6.496	HH	363907	5248608	18.61%	0.249%
115	6.509	6.496	6.526	HH	261685	3110544	11.03%	0.148%
116	6.535	6.526	6.550	HH	111657	1453786	5.15%	0.069%
117	6.562	6.550	6.573	HH	95972	1254970	4.45%	0.060%
118	6.584	6.573	6.597	HH	107981	1428474	5.06%	0.068%
119	6.618	6.597	6.637	HH	255367	3805897	13.49%	0.181%
120	6.667	6.637	6.685	HH	151601	3385233	12.00%	0.161%
121	6.690	6.685	6.704	HH	90267	949759	3.37%	0.045%
122	6.707	6.704	6.717	HH	79788	631474	2.24%	0.030%
123	6.751	6.717	6.767	HH	144570	3166245	11.23%	0.150%
124	6.794	6.767	6.803	HH	253995	3940268	13.97%	0.187%
125	6.811	6.803	6.841	HH	243965	3915805	13.88%	0.186%
126	6.876	6.841	6.895	HH	298559	5559798	19.71%	0.264%
127	6.907	6.895	6.920	HH	129575	1873909	6.64%	0.089%
128	6.931	6.920	6.955	HH	121293	2253354	7.99%	0.107%
129	6.973	6.955	6.980	HH	120563	1570644	5.57%	0.075%
130	7.004	6.980	7.016	HH	187208	3300909	11.70%	0.157%
131	7.037	7.016	7.070	HH	548073	8428129	29.88%	0.400%
132	7.107	7.070	7.154	HH	1604282	21646123	76.74%	1.027%
133	7.176	7.154	7.217	HH	323373	7368498	26.12%	0.350%
134	7.243	7.217	7.263	HH	1548258	17480692	61.98%	0.829%
135	7.276	7.263	7.292	HH	147991	2231337	7.91%	0.106%
136	7.301	7.292	7.308	HH	112671	1004539	3.56%	0.048%
137	7.326	7.308	7.343	HH	216090	3246241	11.51%	0.154%
138	7.357	7.343	7.375	HH	144679	2446976	8.68%	0.116%
139	7.398	7.375	7.429	HH	236876	5460994	19.36%	0.259%
140	7.463	7.429	7.505	HH	199621	6294955	22.32%	0.299%
141	7.528	7.505	7.548	HH	153427	3219930	11.42%	0.153%

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142	7.574	7.548	7.600	HH	201280	5047222	17.89%	0.239%
143	7.615	7.600	7.648	HH	255651	4952959	17.56%	0.235%
144	7.691	7.648	7.720	HH	144539	5550783	19.68%	0.263%
145	7.740	7.720	7.759	HH	180742	3219435	11.41%	0.153%
146	7.800	7.759	7.816	HH	868736	12473067	44.22%	0.592%
147	7.829	7.816	7.838	HH	321847	3652725	12.95%	0.173%
148	7.849	7.838	7.868	HH	364122	5147719	18.25%	0.244%
149	7.879	7.868	7.899	HH	216670	3247642	11.51%	0.154%
150	7.926	7.899	7.949	HH	168717	4296936	15.23%	0.204%
151	7.987	7.949	8.021	HH	459887	11348099	40.23%	0.538%
152	8.034	8.021	8.045	HH	182310	2458922	8.72%	0.117%
153	8.059	8.045	8.065	HH	185562	2021684	7.17%	0.096%
154	8.091	8.065	8.124	HH	867944	18767346	66.54%	0.891%
155	8.128	8.124	8.141	HH	182273	1732415	6.14%	0.082%
156	8.154	8.141	8.171	HH	174262	2867362	10.17%	0.136%
157	8.213	8.171	8.226	HH	1281101	18712665	66.34%	0.888%
158	8.240	8.226	8.254	HH	1112406	11794663	41.82%	0.560%
159	8.262	8.254	8.300	HH	381854	6642525	23.55%	0.315%
160	8.319	8.300	8.334	HH	176691	3168050	11.23%	0.150%
161	8.373	8.334	8.380	HH	544101	10352417	36.70%	0.491%
162	8.390	8.380	8.419	HH	562543	8453215	29.97%	0.401%
163	8.440	8.419	8.460	HH	294004	5008302	17.76%	0.238%
164	8.480	8.460	8.507	HH	422623	6643156	23.55%	0.315%
165	8.523	8.507	8.549	HH	176406	3679867	13.05%	0.175%
166	8.559	8.549	8.588	HH	136364	2919471	10.35%	0.139%
167	8.620	8.588	8.644	HH	365706	7223609	25.61%	0.343%
168	8.662	8.644	8.669	HH	246395	3123490	11.07%	0.148%
169	8.687	8.669	8.707	HH	598114	7966037	28.24%	0.378%
170	8.732	8.707	8.770	HH	455528	10312906	36.56%	0.489%
171	8.811	8.770	8.833	HH	348728	8883901	31.50%	0.422%
172	8.847	8.833	8.861	HH	186929	2738588	9.71%	0.130%
173	8.872	8.861	8.893	HH	167248	2969362	10.53%	0.141%
174	8.925	8.893	8.942	HH	487148	8068850	28.61%	0.383%
175	8.958	8.942	8.979	HH	311029	5019600	17.80%	0.238%
176	8.997	8.979	9.012	HH	218019	3382364	11.99%	0.160%
177	9.047	9.012	9.074	HH	310761	7746818	27.47%	0.368%
178	9.098	9.074	9.118	HH	697776	9577548	33.96%	0.454%
179	9.139	9.118	9.172	HH	497253	8499479	30.13%	0.403%
180	9.190	9.172	9.223	HH	185847	4833170	17.14%	0.229%
181	9.255	9.223	9.271	HH	467460	7376751	26.15%	0.350%
182	9.286	9.271	9.310	HH	393628	5659454	20.07%	0.269%
183	9.338	9.310	9.354	HH	274153	5020597	17.80%	0.238%
184	9.371	9.354	9.376	HH	254822	2873856	10.19%	0.136%
185	9.392	9.376	9.414	HH	412280	6526763	23.14%	0.310%
186	9.432	9.414	9.449	HH	210684	3493350	12.39%	0.166%
187	9.477	9.449	9.493	HH	679407	9734750	34.51%	0.462%
188	9.497	9.493	9.526	HH	288482	4006942	14.21%	0.190%
189	9.553	9.526	9.582	HH	377490	7872587	27.91%	0.374%
190	9.595	9.582	9.607	HH	247141	3125073	11.08%	0.148%
191	9.625	9.607	9.640	HH	363621	5526030	19.59%	0.262%
192	9.651	9.640	9.666	HH	287158	3702631	13.13%	0.176%
193	9.685	9.666	9.722	HH	350279	7675845	27.21%	0.364%
194	9.735	9.722	9.770	HH	190639	4600742	16.31%	0.218%

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195	9.793	9.770	9.819	HH	274275	6250770	22.16%	0.297%
196	9.826	9.819	9.831	HH	179311	1299072	4.61%	0.062%
197	9.846	9.831	9.862	HH	196692	3293861	11.68%	0.156%
198	9.879	9.862	9.888	HH	244352	3306920	11.72%	0.157%
199	9.896	9.888	9.914	HH	250463	3294231	11.68%	0.156%
200	9.920	9.914	9.939	HH	163821	2309534	8.19%	0.110%
201	9.960	9.939	9.974	HH	171394	3214165	11.40%	0.153%
202	9.989	9.974	10.030	HH	172297	4913951	17.42%	0.233%
203	10.057	10.030	10.085	HH	199328	5212198	18.48%	0.247%
204	10.091	10.085	10.125	HH	135955	2981257	10.57%	0.141%
205	10.157	10.125	10.171	HH	159216	3712437	13.16%	0.176%
206	10.186	10.171	10.200	HH	174313	2804696	9.94%	0.133%
207	10.218	10.200	10.245	HH	227966	4550774	16.13%	0.216%
208	10.267	10.245	10.292	HH	260904	5308994	18.82%	0.252%
209	10.322	10.292	10.342	HH	503157	8678540	30.77%	0.412%
210	10.359	10.342	10.381	HH	453606	7387649	26.19%	0.351%
211	10.401	10.381	10.438	HH	435460	7911438	28.05%	0.375%
212	10.476	10.438	10.522	HH	369147	11021506	39.08%	0.523%
213	10.539	10.522	10.560	HH	259530	4810160	17.05%	0.228%
214	10.572	10.560	10.587	HH	195905	2930637	10.39%	0.139%
215	10.621	10.587	10.638	HH	498490	8936047	31.68%	0.424%
216	10.646	10.638	10.663	HH	281334	3581698	12.70%	0.170%
217	10.690	10.663	10.722	HH	497330	10552028	37.41%	0.501%
218	10.734	10.722	10.739	HH	167236	1671742	5.93%	0.079%
219	10.757	10.739	10.770	HH	180491	3267201	11.58%	0.155%
220	10.784	10.770	10.802	HH	178775	3086093	10.94%	0.146%
221	10.824	10.802	10.840	HH	159417	3407437	12.08%	0.162%
222	10.898	10.840	10.922	HH	1729337	26239768	93.03%	1.245%
223	10.930	10.922	10.938	HH	151932	1413822	5.01%	0.067%
224	10.964	10.938	10.995	HH	889059	13022015	46.17%	0.618%
225	11.015	10.995	11.030	HH	177311	3414828	12.11%	0.162%
226	11.050	11.030	11.081	HH	174138	4774734	16.93%	0.227%
227	11.095	11.081	11.117	HH	153757	3123578	11.07%	0.148%
228	11.136	11.117	11.152	HH	153588	2987067	10.59%	0.142%
229	11.156	11.152	11.163	HH	148937	1039815	3.69%	0.049%
230	11.191	11.163	11.214	HH	248551	6027148	21.37%	0.286%
231	11.233	11.214	11.240	HH	230738	2956934	10.48%	0.140%
232	11.248	11.240	11.262	HH	227516	2859980	10.14%	0.136%
233	11.285	11.262	11.306	HH	505367	8476625	30.05%	0.402%
234	11.316	11.306	11.342	HH	186190	3801029	13.48%	0.180%
235	11.376	11.342	11.392	HH	213303	5783528	20.50%	0.274%
236	11.415	11.392	11.453	HH	474697	9909381	35.13%	0.470%
237	11.488	11.453	11.514	HH	536057	10269754	36.41%	0.487%
238	11.545	11.514	11.572	HH	344642	8319951	29.50%	0.395%
239	11.584	11.572	11.607	HH	190516	3670232	13.01%	0.174%
240	11.619	11.607	11.625	HH	160254	1725511	6.12%	0.082%
241	11.647	11.625	11.666	HH	337378	5725936	20.30%	0.272%
242	11.697	11.666	11.713	HH	644006	10691832	37.91%	0.507%
243	11.731	11.713	11.755	HH	713710	10229464	36.27%	0.485%
244	11.781	11.755	11.792	HH	544184	7997031	28.35%	0.379%
245	11.800	11.792	11.803	HH	433784	2756977	9.77%	0.131%
246	11.815	11.803	11.830	HH	503959	6494084	23.02%	0.308%

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247	11.849	11.830	11.863	HH	565893	8355711	29.62%	0.396%
248	11.883	11.863	11.903	HH	738165	10637259	37.71%	0.505%
249	11.926	11.903	11.973	HH	334023	10717359	38.00%	0.509%
250	12.000	11.973	12.053	HH	323907	11545027	40.93%	0.548%
251	12.076	12.053	12.092	HH	206555	4513219	16.00%	0.214%
252	12.103	12.092	12.117	HH	214841	3006054	10.66%	0.143%
253	12.137	12.117	12.153	HH	269808	4772261	16.92%	0.226%
254	12.174	12.153	12.194	HH	377440	6631978	23.51%	0.315%
255	12.213	12.194	12.223	HH	289635	4434738	15.72%	0.210%
256	12.241	12.223	12.256	HH	380612	6342080	22.49%	0.301%
257	12.273	12.256	12.290	HH	396233	6573727	23.31%	0.312%
258	12.302	12.290	12.309	HH	236978	2546896	9.03%	0.121%
259	12.321	12.309	12.342	HH	310850	4931239	17.48%	0.234%
260	12.366	12.342	12.398	HH	360989	9383262	33.27%	0.445%
261	12.419	12.398	12.432	HH	288164	5188467	18.40%	0.246%
262	12.444	12.432	12.471	HH	298372	5803397	20.58%	0.275%
263	12.492	12.471	12.537	HH	364445	11127332	39.45%	0.528%
264	12.560	12.537	12.582	HH	302151	7115313	25.23%	0.338%
265	12.606	12.582	12.623	HH	665360	11251648	39.89%	0.534%
266	12.639	12.623	12.658	HH	411396	7544501	26.75%	0.358%
267	12.672	12.658	12.686	HH	321152	4891193	17.34%	0.232%
268	12.732	12.686	12.760	HH	1219312	24329208	86.26%	1.154%
269	12.778	12.760	12.798	HH	239570	4942618	17.52%	0.235%
270	12.821	12.798	12.837	HH	310836	5790012	20.53%	0.275%
271	12.863	12.837	12.892	HH	289652	8603930	30.50%	0.408%
272	12.911	12.892	12.930	HH	311731	6176327	21.90%	0.293%
273	12.936	12.930	12.943	HH	262466	1983924	7.03%	0.094%
274	12.954	12.943	12.974	HH	280616	4659408	16.52%	0.221%
275	12.979	12.974	12.995	HH	217324	2527812	8.96%	0.120%
276	13.036	12.995	13.063	HH	1651083	28205453	100.00%	1.338%
277	13.078	13.063	13.094	HH	293840	4710506	16.70%	0.224%
278	13.107	13.094	13.133	HH	259761	5766307	20.44%	0.274%
279	13.151	13.133	13.171	HH	309530	5927610	21.02%	0.281%
280	13.184	13.171	13.205	HH	249609	4591404	16.28%	0.218%
281	13.223	13.205	13.259	HH	232272	6535975	23.17%	0.310%
282	13.283	13.259	13.299	HH	312489	6343700	22.49%	0.301%
283	13.304	13.299	13.329	HH	294881	4644636	16.47%	0.220%
284	13.349	13.329	13.386	HH	300896	7839433	27.79%	0.372%
285	13.416	13.386	13.427	HH	260403	5626101	19.95%	0.267%
286	13.442	13.427	13.459	HH	282103	4848170	17.19%	0.230%
287	13.495	13.459	13.540	HH	479473	15706846	55.69%	0.745%
288	13.616	13.540	13.651	HH	647954	20956758	74.30%	0.994%
289	13.672	13.651	13.694	HH	266386	5819213	20.63%	0.276%
290	13.720	13.694	13.741	HH	408563	8142124	28.87%	0.386%
291	13.762	13.741	13.783	HH	444018	8055435	28.56%	0.382%
292	13.797	13.783	13.819	HH	245077	4759997	16.88%	0.226%
293	13.845	13.819	13.854	HH	222032	4461244	15.82%	0.212%
294	13.893	13.854	13.913	HH	471888	10967245	38.88%	0.520%
295	13.932	13.913	14.005	HH	432398	14427577	51.15%	0.685%
296	14.014	14.005	14.025	HH	189134	2219509	7.87%	0.105%
297	14.052	14.025	14.076	HH	264721	6644700	23.56%	0.315%
298	14.086	14.076	14.108	HH	203870	3752734	13.30%	0.178%
299	14.119	14.108	14.145	HH	201552	4258080	15.10%	0.202%

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300	14.167	14.145	14.184	HH	200595	4416780	15.66%	0.210%
301	14.193	14.184	14.202	HH	202988	2226142	7.89%	0.106%
302	14.228	14.202	14.235	HH	293743	4940124	17.51%	0.234%
303	14.244	14.235	14.266	HH	289792	4763245	16.89%	0.226%
304	14.278	14.266	14.292	HH	227339	3331874	11.81%	0.158%
305	14.322	14.292	14.335	HH	273315	6424239	22.78%	0.305%
306	14.353	14.335	14.387	HH	281545	7341900	26.03%	0.348%
307	14.448	14.387	14.474	HH	262275	12313975	43.66%	0.584%
308	14.489	14.474	14.504	HH	232805	4028139	14.28%	0.191%
309	14.528	14.504	14.545	HH	319668	6418805	22.76%	0.305%
310	14.553	14.545	14.569	HH	255418	3502869	12.42%	0.166%
311	14.592	14.569	14.618	HH	369278	8258863	29.28%	0.392%
312	14.624	14.618	14.633	HH	218766	1977362	7.01%	0.094%
313	14.658	14.633	14.682	HH	295375	7186486	25.48%	0.341%
314	14.691	14.682	14.705	HH	207523	2820093	10.00%	0.134%
315	14.745	14.705	14.822	HH	356113	17225212	61.07%	0.817%
316	14.841	14.822	14.855	HH	210108	4057146	14.38%	0.193%
317	14.864	14.855	14.880	HH	216888	3169077	11.24%	0.150%
318	14.911	14.880	14.929	HH	651383	12181656	43.19%	0.578%
319	14.953	14.929	14.977	HH	653440	11331199	40.17%	0.538%
320	14.997	14.977	15.014	HH	224737	4724114	16.75%	0.224%
321	15.030	15.014	15.045	HH	246504	4198732	14.89%	0.199%
322	15.069	15.045	15.103	HH	306078	9131302	32.37%	0.433%
323	15.111	15.103	15.115	HH	229732	1665948	5.91%	0.079%
324	15.122	15.115	15.147	HH	229921	4084713	14.48%	0.194%
325	15.159	15.147	15.188	HH	204930	4911316	17.41%	0.233%
326	15.213	15.188	15.240	HH	240828	6705795	23.77%	0.318%
327	15.260	15.240	15.276	HH	243536	4860351	17.23%	0.231%
328	15.296	15.276	15.309	HH	250784	4491231	15.92%	0.213%
329	15.328	15.309	15.403	HH	261910	13503906	47.88%	0.641%
330	15.421	15.403	15.438	HH	216736	4271076	15.14%	0.203%
331	15.466	15.438	15.485	HH	233199	6020129	21.34%	0.286%
332	15.496	15.485	15.514	HH	220226	3705555	13.14%	0.176%
333	15.537	15.514	15.557	HH	225309	5473770	19.41%	0.260%
334	15.584	15.557	15.603	HH	407627	8039848	28.50%	0.382%
335	15.620	15.603	15.640	HH	315008	5939840	21.06%	0.282%
336	15.647	15.640	15.651	HH	220385	1447064	5.13%	0.069%
337	15.668	15.651	15.688	HH	245886	5061738	17.95%	0.240%
338	15.692	15.688	15.704	HH	226779	2133162	7.56%	0.101%
339	15.747	15.704	15.781	HH	304197	11905997	42.21%	0.565%
340	15.816	15.781	15.836	HH	224558	6811927	24.15%	0.323%
341	15.865	15.836	15.884	HH	201956	5592607	19.83%	0.265%
342	15.901	15.884	15.934	HH	209633	5768365	20.45%	0.274%
343	15.969	15.934	16.060	HH	217586	14792476	52.45%	0.702%
344	16.082	16.060	16.100	HH	191110	4358221	15.45%	0.207%
345	16.112	16.100	16.145	HH	194411	5038472	17.86%	0.239%
346	16.180	16.145	16.200	HH	202926	6264618	22.21%	0.297%
347	16.219	16.200	16.242	HH	195692	4605786	16.33%	0.219%
348	16.284	16.242	16.314	HH	210027	8184607	29.02%	0.388%
349	16.348	16.314	16.367	HH	211150	6305332	22.36%	0.299%
350	16.385	16.367	16.428	HH	212869	7043099	24.97%	0.334%
351	16.478	16.428	16.496	HH	460555	11653751	41.32%	0.553%

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352	16.503	16.496	16.546	HH	291965	6356849	22.54%	0.302%
353	16.550	16.546	16.556	HH	164483	975138	3.46%	0.046%
354	16.563	16.556	16.583	HH	165165	2634565	9.34%	0.125%
355	16.608	16.583	16.634	HH	245031	6064325	21.50%	0.288%
356	16.661	16.634	16.688	HH	179701	5528849	19.60%	0.262%
357	16.694	16.688	16.699	HH	157686	1004595	3.56%	0.048%
358	16.704	16.699	16.707	HH	157316	765259	2.71%	0.036%
359	16.725	16.707	16.733	HH	164159	2531607	8.98%	0.120%
360	16.762	16.733	16.779	HH	228673	5301858	18.80%	0.252%
361	16.802	16.779	16.830	HH	373470	8037333	28.50%	0.381%
362	16.864	16.830	16.889	HH	492417	9807040	34.77%	0.465%
363	16.914	16.889	16.938	HH	173460	4950873	17.55%	0.235%
364	16.959	16.938	16.987	HH	227628	5426668	19.24%	0.258%
365	17.007	16.987	17.026	HH	176100	3907414	13.85%	0.185%
366	17.034	17.026	17.040	HH	160547	1336257	4.74%	0.063%
367	17.047	17.040	17.051	HH	159766	1035114	3.67%	0.049%
368	17.105	17.051	17.145	HH	201251	9931773	35.21%	0.471%
369	17.160	17.145	17.191	HH	173269	4533483	16.07%	0.215%
370	17.223	17.191	17.228	HH	208488	4110155	14.57%	0.195%
371	17.234	17.228	17.304	HH	207858	8069062	28.61%	0.383%
372	17.319	17.304	17.329	HH	160650	2338770	8.29%	0.111%
373	17.334	17.329	17.339	HH	156302	920705	3.26%	0.044%
374	17.380	17.339	17.414	HH	192436	7773198	27.56%	0.369%
375	17.443	17.414	17.462	HH	174385	4556431	16.15%	0.216%
376	17.474	17.462	17.489	HH	163738	2527581	8.96%	0.120%
377	17.519	17.489	17.539	HH	200643	5287167	18.75%	0.251%
378	17.543	17.539	17.600	HH	166982	5630963	19.96%	0.267%
379	17.615	17.600	17.627	HH	151065	2398332	8.50%	0.114%
380	17.642	17.627	17.660	HH	151019	2917161	10.34%	0.138%
381	17.663	17.660	17.682	HH	143076	1814558	6.43%	0.086%
382	17.702	17.682	17.714	HH	146254	2752071	9.76%	0.131%
383	17.720	17.714	17.747	HH	142878	2753948	9.76%	0.131%
384	17.752	17.747	17.757	HH	135922	747086	2.65%	0.035%
385	17.767	17.757	17.774	HH	139408	1441119	5.11%	0.068%
386	17.815	17.774	17.837	HH	167684	5747874	20.38%	0.273%
387	17.853	17.837	17.870	HH	152545	2872004	10.18%	0.136%
388	17.895	17.870	17.901	HH	142829	2586499	9.17%	0.123%
389	17.904	17.901	17.916	HH	142544	1246101	4.42%	0.059%
390	17.945	17.916	17.985	HH	160742	6213845	22.03%	0.295%
391	18.006	17.985	18.057	HH	161906	6308661	22.37%	0.299%
392	18.077	18.057	18.112	HH	138666	4388862	15.56%	0.208%
393	18.141	18.112	18.157	HH	190376	4311580	15.29%	0.205%
394	18.171	18.157	18.205	HH	173208	4260931	15.11%	0.202%
395	18.238	18.205	18.261	HH	312166	6807318	24.13%	0.323%
396	18.275	18.261	18.297	HH	156186	3169356	11.24%	0.150%
397	18.318	18.297	18.330	HH	146336	2763191	9.80%	0.131%
398	18.333	18.330	18.343	HH	141993	1064578	3.77%	0.051%
399	18.366	18.343	18.383	HH	183017	3798634	13.47%	0.180%
400	18.396	18.383	18.417	HH	168872	3090868	10.96%	0.147%
401	18.422	18.417	18.467	HH	146621	3983935	14.12%	0.189%
402	18.496	18.467	18.550	HH	298685	8451347	29.96%	0.401%
403	18.586	18.550	18.602	HH	133681	4014049	14.23%	0.190%
404	18.629	18.602	18.670	HH	189128	6081425	21.56%	0.289%

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405	18.678	18.670	18.697	HH	123487	1940338	6.88%	0.092%
406	18.718	18.697	18.726	HH	120424	2042871	7.24%	0.097%
407	18.746	18.726	18.750	HH	123050	1760474	6.24%	0.084%
408	18.771	18.750	18.780	HH	124779	2205839	7.82%	0.105%
409	18.802	18.780	18.860	HH	137515	6155097	21.82%	0.292%
410	18.871	18.860	18.887	HH	124827	1989981	7.06%	0.094%
411	18.924	18.887	18.957	HH	152879	5584967	19.80%	0.265%
412	18.975	18.957	18.981	HH	131786	1901322	6.74%	0.090%
413	19.006	18.981	19.030	HH	175665	4290517	15.21%	0.204%
414	19.055	19.030	19.113	HH	153483	6648548	23.57%	0.315%
415	19.177	19.113	19.227	HH	147680	8613552	30.54%	0.409%
416	19.241	19.227	19.270	HH	122324	2985535	10.58%	0.142%
417	19.292	19.270	19.301	HH	120147	2186586	7.75%	0.104%
418	19.304	19.301	19.319	HH	118125	1230190	4.36%	0.058%
419	19.329	19.319	19.333	HH	112882	957638	3.40%	0.045%
420	19.339	19.333	19.372	HH	115749	2601913	9.22%	0.123%
421	19.377	19.372	19.389	HH	108520	1072787	3.80%	0.051%
422	19.431	19.389	19.455	HH	124773	4605750	16.33%	0.219%
423	19.461	19.455	19.469	HH	116571	905987	3.21%	0.043%
424	19.474	19.469	19.486	HH	115019	1159723	4.11%	0.055%
425	19.508	19.486	19.527	HH	121999	2878083	10.20%	0.137%
426	19.531	19.527	19.536	HH	109433	633218	2.25%	0.030%
427	19.545	19.536	19.554	HH	110554	1132114	4.01%	0.054%
428	19.575	19.554	19.586	HH	115101	2140155	7.59%	0.102%
429	19.609	19.586	19.613	HH	119286	1918064	6.80%	0.091%
430	19.651	19.613	19.688	HH	162871	6117764	21.69%	0.290%
431	19.717	19.688	19.749	HH	183164	5395020	19.13%	0.256%
432	19.789	19.749	19.799	HH	141814	3867969	13.71%	0.184%
433	19.806	19.799	19.842	HH	140147	3300957	11.70%	0.157%
434	19.847	19.842	19.900	HH	121665	3978213	14.10%	0.189%
435	19.937	19.900	19.973	HH	120836	4919967	17.44%	0.233%
436	19.991	19.973	20.002	HH	112413	1882561	6.67%	0.089%
437	20.034	20.002	20.071	HH	207890	6153741	21.82%	0.292%
438	20.102	20.071	20.122	HH	136887	3830394	13.58%	0.182%
439	20.131	20.122	20.158	HH	131432	2761925	9.79%	0.131%
440	20.175	20.158	20.199	HH	130294	3070125	10.88%	0.146%
441	20.204	20.199	20.207	HH	119921	571437	2.03%	0.027%
442	20.211	20.207	20.224	HH	120053	1181552	4.19%	0.056%
443	20.229	20.224	20.263	HH	117463	2683453	9.51%	0.127%
444	20.268	20.263	20.271	HH	114880	558307	1.98%	0.026%
445	20.293	20.271	20.363	HH	117754	6358870	22.54%	0.302%
446	20.382	20.363	20.405	HH	116045	2844032	10.08%	0.135%
447	20.412	20.405	20.418	HH	110512	816464	2.89%	0.039%
448	20.420	20.418	20.432	HH	107933	884912	3.14%	0.042%
449	20.455	20.432	20.482	HH	112432	3238191	11.48%	0.154%
450	20.498	20.482	20.503	HH	112320	1439251	5.10%	0.068%
451	20.526	20.503	20.580	HH	116143	5064975	17.96%	0.240%
452	20.616	20.580	20.649	HH	108137	4307484	15.27%	0.204%
453	20.655	20.649	20.661	HH	103436	726017	2.57%	0.034%
454	20.696	20.661	20.736	HH	117864	4939616	17.51%	0.234%
455	20.742	20.736	20.748	HH	102727	688934	2.44%	0.033%
456	20.753	20.748	20.756	HH	103557	502205	1.78%	0.024%

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457	20.759	20.756	20.772	HH	103192	971485	3.44%	0.046%	
458	20.781	20.772	20.792	HH	102648	1233086	4.37%	0.059%	
459	20.800	20.792	20.838	HH	102952	2722234	9.65%	0.129%	
460	20.851	20.838	20.859	HH	99829	1264091	4.48%	0.060%	
461	20.880	20.859	20.899	HH	100407	2344094	8.31%	0.111%	
462	20.920	20.899	20.968	HH	103534	4130777	14.65%	0.196%	
463	20.976	20.968	21.004	HH	97615	2066025	7.32%	0.098%	
464	21.029	21.004	21.047	HH	98975	2506680	8.89%	0.119%	
465	21.085	21.047	21.140	HH	103291	5471160	19.40%	0.260%	
466	21.168	21.140	21.173	HH	96950	1856241	6.58%	0.088%	
467	21.175	21.173	21.214	HH	95222	2228486	7.90%	0.106%	
468	21.247	21.214	21.270	HH	93127	3040458	10.78%	0.144%	
469	21.282	21.270	21.324	HH	92162	2822369	10.01%	0.134%	
470	21.379	21.324	21.415	HH	97834	4869344	17.26%	0.231%	
471	21.452	21.415	21.464	HH	98899	2689919	9.54%	0.128%	
472	21.477	21.464	21.541	HH	102620	4459699	15.81%	0.212%	
473	21.560	21.541	21.604	HH	89102	3210074	11.38%	0.152%	
474	21.608	21.604	21.633	HH	82111	1385598	4.91%	0.066%	
475	21.653	21.633	21.681	HH	82682	2339718	8.30%	0.111%	
476	21.704	21.681	21.757	HH	83834	3669187	13.01%	0.174%	
477	21.795	21.757	21.843	HH	89128	4198483	14.89%	0.199%	
478	21.885	21.843	21.972	HH	92972	6488350	23.00%	0.308%	
Sum of corrected areas:					2107421132				

Instrument :
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