

Instrument :
FID_F
ClientSampleId :
20-SB-2-20211005-16.0-16.5

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
10/12/2021 8:39:35 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100821\
Data File : FF009089.D
Signal(s) : FID2B.ch
Acq On : 08 Oct 2021 15:27
Sample : M4089-05
Misc :
ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100721.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.338	2.328	2.359	HH	3641	50394	0.10%	0.003%
2	2.377	2.359	2.404	HH	3530	68514	0.14%	0.004%
3	2.406	2.404	2.417	HH	1720	11985	0.02%	0.001%
4	2.421	2.417	2.430	HH	1529	11602	0.02%	0.001%
5	2.436	2.430	2.466	HH	1449	27614	0.06%	0.002%
6	2.474	2.466	2.493	HH	1164	17649	0.04%	0.001%
7	2.504	2.493	2.530	HH	1367	26470	0.05%	0.002%
8	2.549	2.530	2.574	HH	1551	35214	0.07%	0.002%
9	2.578	2.574	2.582	HH	1341	5933	0.01%	0.000%
10	2.601	2.582	2.628	HH	1894	40148	0.08%	0.003%
11	2.649	2.628	2.658	HH	2366	30982	0.06%	0.002%
12	2.664	2.658	2.683	HH	1965	23720	0.05%	0.002%
13	2.702	2.683	2.718	HH	2524	35207	0.07%	0.002%
14	2.741	2.718	2.761	HH	2273	43924	0.09%	0.003%
15	2.779	2.761	2.814	HH	1977	48250	0.10%	0.003%
16	2.833	2.814	2.896	HH	13614	179923	0.37%	0.011%
17	2.923	2.896	2.955	HH	13805	212796	0.43%	0.014%
18	2.985	2.955	3.003	HH	2109	55203	0.11%	0.004%
19	3.012	3.003	3.063	HH	5615	112322	0.23%	0.007%
20	3.079	3.063	3.088	HH	3499	44575	0.09%	0.003%
21	3.104	3.088	3.138	HH	25534	298533	0.61%	0.019%
22	3.151	3.138	3.171	HH	11776	127035	0.26%	0.008%
23	3.181	3.171	3.198	HH	3911	49941	0.10%	0.003%
24	3.213	3.198	3.234	HH	3417	63386	0.13%	0.004%
25	3.245	3.234	3.262	HH	3002	41003	0.08%	0.003%
26	3.276	3.262	3.316	HH	4225	84281	0.17%	0.005%
27	3.329	3.316	3.342	HH	2501	31841	0.06%	0.002%
28	3.347	3.342	3.361	HH	1995	21082	0.04%	0.001%
29	3.373	3.361	3.382	HH	2170	25859	0.05%	0.002%
30	3.397	3.382	3.407	HH	3458	41055	0.08%	0.003%
31	3.418	3.407	3.442	HH	4170	63731	0.13%	0.004%
32	3.458	3.442	3.489	HH	8911	154853	0.32%	0.010%
33	3.500	3.489	3.514	HH	5182	63196	0.13%	0.004%
34	3.527	3.514	3.541	HH	5043	60519	0.12%	0.004%
35	3.551	3.541	3.565	HH	3315	40631	0.08%	0.003%
36	3.580	3.565	3.599	HH	4035	63210	0.13%	0.004%

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37	3.608	3.599	3.633	HH	4172	62503	0.13%	0.004%
38	3.644	3.633	3.654	HH	2471	27638	0.06%	0.002%
39	3.669	3.654	3.686	HH	4479	65599	0.13%	0.004%
40	3.703	3.686	3.740	HH	43337	424277	0.87%	0.027%
41	3.746	3.740	3.754	HH	2520	19224	0.04%	0.001%
42	3.773	3.754	3.798	HH	6101	107011	0.22%	0.007%
43	3.815	3.798	3.825	HH	4683	65707	0.13%	0.004%
44	3.844	3.825	3.862	HH	9745	145137	0.30%	0.009%
45	3.877	3.862	3.884	HH	3992	46204	0.09%	0.003%
46	3.897	3.884	3.909	HH	7864	85723	0.17%	0.005%
47	3.917	3.909	3.932	HH	6101	63618	0.13%	0.004%
48	3.946	3.932	3.959	HH	6259	69097	0.14%	0.004%
49	3.982	3.959	4.036	HH	9640	191095	0.39%	0.012%
50	4.065	4.036	4.088	HH	13879	217847	0.44%	0.014%
51	4.099	4.088	4.131	HH	10002	177681	0.36%	0.011%
52	4.146	4.131	4.155	HH	9234	97747	0.20%	0.006%
53	4.172	4.155	4.198	HH	14777	248452	0.51%	0.016%
54	4.216	4.198	4.226	HH	24014	267271	0.54%	0.017%
55	4.237	4.226	4.273	HH	24848	420697	0.86%	0.027%
56	4.275	4.273	4.303	HH	7779	110926	0.23%	0.007%
57	4.317	4.303	4.361	HH	5926	145237	0.30%	0.009%
58	4.389	4.361	4.413	HH	5320	125722	0.26%	0.008%
59	4.428	4.413	4.455	HH	4968	112140	0.23%	0.007%
60	4.469	4.455	4.501	HH	5677	127242	0.26%	0.008%
61	4.517	4.501	4.531	HH	8686	102439	0.21%	0.007%
62	4.545	4.531	4.559	HH	9267	106350	0.22%	0.007%
63	4.576	4.559	4.596	HH	18108	204791	0.42%	0.013%
64	4.624	4.596	4.643	HH	22836	293780	0.60%	0.019%
65	4.649	4.643	4.661	HH	5011	50553	0.10%	0.003%
66	4.689	4.661	4.711	HH	75756	845446	1.72%	0.054%
67	4.724	4.711	4.743	HH	17432	216530	0.44%	0.014%
68	4.757	4.743	4.785	HH	7734	152507	0.31%	0.010%
69	4.806	4.785	4.814	HH	9816	132005	0.27%	0.008%
70	4.825	4.814	4.841	HH	13057	149575	0.30%	0.010%
71	4.851	4.841	4.865	HH	6853	83731	0.17%	0.005%
72	4.891	4.865	4.911	HH	20584	337975	0.69%	0.022%
73	4.926	4.911	4.963	HH	19675	356496	0.73%	0.023%
74	4.973	4.963	4.987	HH	6963	88075	0.18%	0.006%
75	5.003	4.987	5.027	HH	9241	167275	0.34%	0.011%
76	5.033	5.027	5.053	HH	6610	89730	0.18%	0.006%
77	5.078	5.053	5.092	HH	7770	140529	0.29%	0.009%
78	5.113	5.092	5.123	HH	15980	200969	0.41%	0.013%
79	5.129	5.123	5.138	HH	12154	94514	0.19%	0.006%
80	5.148	5.138	5.158	HH	13454	142239	0.29%	0.009%
81	5.168	5.158	5.176	HH	12401	113227	0.23%	0.007%
82	5.191	5.176	5.208	HH	55833	558149	1.14%	0.036%
83	5.215	5.208	5.232	HH	11890	142274	0.29%	0.009%
84	5.246	5.232	5.260	HH	10891	136611	0.28%	0.009%
85	5.278	5.260	5.290	HH	16084	186961	0.38%	0.012%
86	5.308	5.290	5.321	HH	13098	207177	0.42%	0.013%
87	5.330	5.321	5.363	HH	10612	210944	0.43%	0.013%
88	5.386	5.363	5.416	HH	14143	305888	0.62%	0.019%
89	5.431	5.416	5.443	HH	7372	101994	0.21%	0.006%

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					rt	Area	Area%	Height
90	5.460	5.443	5.487	HH	24052	341880	0.70%	0.022%
91	5.514	5.487	5.530	HH	50130	598416	1.22%	0.038%
92	5.546	5.530	5.593	HH	44251	651038	1.33%	0.041%
93	5.597	5.593	5.607	HH	6559	56691	0.12%	0.004%
94	5.620	5.607	5.633	HH	8631	107689	0.22%	0.007%
95	5.643	5.633	5.660	HH	7051	107365	0.22%	0.007%
96	5.674	5.660	5.678	HH	7116	72208	0.15%	0.005%
97	5.701	5.678	5.731	HH	37630	537103	1.10%	0.034%
98	5.744	5.731	5.754	HH	14142	162839	0.33%	0.010%
99	5.784	5.754	5.800	HH	38665	731260	1.49%	0.047%
100	5.814	5.800	5.829	HH	42742	517516	1.06%	0.033%
101	5.848	5.829	5.876	HH	41180	652133	1.33%	0.042%
102	5.880	5.876	5.907	HH	13638	198453	0.40%	0.013%
103	5.924	5.907	5.947	HH	15815	270996	0.55%	0.017%
104	5.966	5.947	5.991	HH	18227	315175	0.64%	0.020%
105	6.021	5.991	6.038	HH	17687	337812	0.69%	0.022%
106	6.064	6.038	6.083	HH	266283	2590928	5.28%	0.165%
107	6.091	6.083	6.097	HH	21618	161065	0.33%	0.010%
108	6.112	6.097	6.133	HH	79431	879836	1.79%	0.056%
109	6.148	6.133	6.173	HH	23290	346770	0.71%	0.022%
110	6.190	6.173	6.223	HH	49161	692735	1.41%	0.044%
111	6.251	6.223	6.261	HH	16999	291246	0.59%	0.019%
112	6.294	6.261	6.309	HH	58405	872176	1.78%	0.056%
113	6.314	6.309	6.325	HH	22783	195783	0.40%	0.012%
114	6.339	6.325	6.380	HH	23173	534304	1.09%	0.034%
115	6.417	6.380	6.436	HH	40717	701656	1.43%	0.045%
116	6.447	6.436	6.460	HH	23556	292385	0.60%	0.019%
117	6.485	6.460	6.521	HH	106147	1477305	3.01%	0.094%
118	6.531	6.521	6.587	HH	18875	503020	1.03%	0.032%
119	6.607	6.587	6.621	HH	37702	476592	0.97%	0.030%
120	6.635	6.621	6.656	HH	46883	554286	1.13%	0.035%
121	6.685	6.656	6.723	HH	49767	971673	1.98%	0.062%
122	6.737	6.723	6.744	HH	10812	128214	0.26%	0.008%
123	6.774	6.744	6.790	HH	30548	520497	1.06%	0.033%
124	6.813	6.790	6.825	HH	58766	717821	1.46%	0.046%
125	6.843	6.825	6.862	HH	45447	777854	1.59%	0.050%
126	6.877	6.862	6.881	HH	31808	300198	0.61%	0.019%
127	6.896	6.881	6.915	HH	62674	803998	1.64%	0.051%
128	6.930	6.915	6.947	HH	32537	401026	0.82%	0.026%
129	6.961	6.947	6.977	HH	14919	240832	0.49%	0.015%
130	6.988	6.977	6.996	HH	13339	142729	0.29%	0.009%
131	7.025	6.996	7.039	HH	44700	681451	1.39%	0.043%
132	7.056	7.039	7.081	HH	52105	871415	1.78%	0.055%
133	7.098	7.081	7.107	HH	38167	490840	1.00%	0.031%
134	7.121	7.107	7.142	HH	59054	825816	1.68%	0.053%
135	7.169	7.142	7.184	HH	126452	1602324	3.27%	0.102%
136	7.189	7.184	7.201	HH	49700	445331	0.91%	0.028%
137	7.211	7.201	7.232	HH	42660	574345	1.17%	0.037%
138	7.260	7.232	7.285	HH	1067830	10637150	21.69%	0.677%
139	7.308	7.285	7.324	HH	51346	793071	1.62%	0.050%
140	7.347	7.324	7.372	HH	39608	878508	1.79%	0.056%
141	7.385	7.372	7.396	HH	28364	331565	0.68%	0.021%

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142	7.410	7.396	7.426	HH	30104	421787	0.86%	0.027%
143	7.441	7.426	7.455	HH	31110	399725	0.82%	0.025%
144	7.473	7.455	7.497	HH	47135	739297	1.51%	0.047%
145	7.503	7.497	7.517	HH	16524	188106	0.38%	0.012%
146	7.544	7.517	7.565	HH	47164	737983	1.50%	0.047%
147	7.593	7.565	7.617	HH	32168	707366	1.44%	0.045%
148	7.629	7.617	7.632	HH	21627	191603	0.39%	0.012%
149	7.644	7.632	7.675	HH	25510	482228	0.98%	0.031%
150	7.708	7.675	7.727	HH	20432	521563	1.06%	0.033%
151	7.745	7.727	7.768	HH	52435	747610	1.52%	0.048%
152	7.781	7.768	7.796	HH	27171	370503	0.76%	0.024%
153	7.843	7.796	7.867	HH	342311	4246975	8.66%	0.270%
154	7.871	7.867	7.907	HH	27896	556074	1.13%	0.035%
155	7.924	7.907	7.931	HH	24661	307534	0.63%	0.020%
156	7.944	7.931	7.960	HH	34720	474272	0.97%	0.030%
157	7.978	7.960	7.987	HH	28767	389498	0.79%	0.025%
158	8.011	7.987	8.036	HH	74717	1593826	3.25%	0.101%
159	8.054	8.036	8.080	HH	115522	1932935	3.94%	0.123%
160	8.113	8.080	8.133	HH	295487	5261952	10.73%	0.335%
161	8.141	8.133	8.152	HH	44567	442982	0.90%	0.028%
162	8.168	8.152	8.189	HH	79611	1079733	2.20%	0.069%
163	8.221	8.189	8.239	HH	773848	8331896	16.99%	0.530%
164	8.247	8.239	8.261	HH	70759	766368	1.56%	0.049%
165	8.276	8.261	8.311	HH	86948	1635519	3.33%	0.104%
166	8.340	8.311	8.355	HH	114217	1909428	3.89%	0.122%
167	8.384	8.355	8.390	HH	287645	3970414	8.10%	0.253%
168	8.404	8.390	8.439	HH	383420	5216891	10.64%	0.332%
169	8.454	8.439	8.470	HH	38225	570731	1.16%	0.036%
170	8.493	8.470	8.518	HH	230921	2628879	5.36%	0.167%
171	8.536	8.518	8.555	HH	42727	630202	1.29%	0.040%
172	8.590	8.555	8.629	HH	61362	1411491	2.88%	0.090%
173	8.654	8.629	8.672	HH	32320	686037	1.40%	0.044%
174	8.712	8.672	8.726	HH	1799674	20577701	41.96%	1.310%
175	8.740	8.726	8.785	HH	302630	3618572	7.38%	0.230%
176	8.813	8.785	8.832	HH	80705	1268550	2.59%	0.081%
177	8.846	8.832	8.873	HH	45475	933116	1.90%	0.059%
178	8.880	8.873	8.901	HH	29861	429915	0.88%	0.027%
179	8.938	8.901	8.954	HH	214549	3023397	6.16%	0.192%
180	8.977	8.954	8.995	HH	1002662	10632540	21.68%	0.677%
181	9.006	8.995	9.021	HH	66985	818875	1.67%	0.052%
182	9.029	9.021	9.040	HH	41554	438239	0.89%	0.028%
183	9.060	9.040	9.078	HH	95341	1361317	2.78%	0.087%
184	9.105	9.078	9.120	HH	179515	2379107	4.85%	0.151%
185	9.147	9.120	9.185	HH	193619	3772423	7.69%	0.240%
186	9.202	9.185	9.231	HH	80145	1214504	2.48%	0.077%
187	9.262	9.231	9.278	HH	205240	2660165	5.42%	0.169%
188	9.294	9.278	9.315	HH	187570	2230302	4.55%	0.142%
189	9.347	9.315	9.363	HH	111613	1621169	3.31%	0.103%
190	9.400	9.363	9.422	HH	204270	3521284	7.18%	0.224%
191	9.442	9.422	9.461	HH	179422	2180087	4.45%	0.139%
192	9.494	9.461	9.535	HH	1321144	16540973	33.73%	1.053%
193	9.562	9.535	9.590	HH	175842	3284935	6.70%	0.209%
194	9.604	9.590	9.615	HH	138474	1528961	3.12%	0.097%

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195	9.634	9.615	9.652	HH	237010	3467930	7.07%	0.221%
196	9.658	9.652	9.673	HH	85801	839827	1.71%	0.053%
197	9.695	9.673	9.724	HH	264324	3474804	7.09%	0.221%
198	9.743	9.724	9.773	HH	121291	1829932	3.73%	0.116%
199	9.803	9.773	9.827	HH	429251	6154973	12.55%	0.392%
200	9.844	9.827	9.869	HH	87878	1540831	3.14%	0.098%
201	9.908	9.869	9.943	HH	522312	7320970	14.93%	0.466%
202	9.967	9.943	10.016	HH	106298	2247513	4.58%	0.143%
203	10.068	10.016	10.089	HH	53263	1796591	3.66%	0.114%
204	10.099	10.089	10.123	HH	34803	605863	1.24%	0.039%
205	10.164	10.123	10.182	HH	50148	1229967	2.51%	0.078%
206	10.188	10.182	10.203	HH	32809	371395	0.76%	0.024%
207	10.222	10.203	10.255	HH	75589	1534799	3.13%	0.098%
208	10.270	10.255	10.284	HH	40514	631036	1.29%	0.040%
209	10.334	10.284	10.342	HH	97842	2107660	4.30%	0.134%
210	10.365	10.342	10.386	HH	388244	5375785	10.96%	0.342%
211	10.405	10.386	10.437	HH	185237	2590810	5.28%	0.165%
212	10.481	10.437	10.527	HH	264321	5230797	10.67%	0.333%
213	10.541	10.527	10.553	HH	61819	857450	1.75%	0.055%
214	10.559	10.553	10.583	HH	54733	906863	1.85%	0.058%
215	10.623	10.583	10.627	HH	79388	1633470	3.33%	0.104%
216	10.652	10.627	10.666	HH	294994	4230735	8.63%	0.269%
217	10.687	10.666	10.725	HH	378066	7077108	14.43%	0.451%
218	10.786	10.725	10.814	HH	143290	4339716	8.85%	0.276%
219	10.831	10.814	10.841	HH	81237	1152008	2.35%	0.073%
220	10.918	10.841	10.945	HH	2993933	49042477	100.00%	3.122%
221	10.981	10.945	11.028	HH	1435116	18867967	38.47%	1.201%
222	11.045	11.028	11.065	HH	83789	1263304	2.58%	0.080%
223	11.072	11.065	11.082	HH	40429	405415	0.83%	0.026%
224	11.096	11.082	11.115	HH	47362	818528	1.67%	0.052%
225	11.133	11.115	11.152	HH	74977	1195908	2.44%	0.076%
226	11.181	11.152	11.215	HH	284334	4451681	9.08%	0.283%
227	11.246	11.215	11.262	HH	76824	1735245	3.54%	0.110%
228	11.281	11.262	11.299	HH	116325	1893141	3.86%	0.121%
229	11.311	11.299	11.340	HH	85931	1555714	3.17%	0.099%
230	11.382	11.340	11.396	HH	98920	2504652	5.11%	0.159%
231	11.415	11.396	11.438	HH	162012	2733419	5.57%	0.174%
232	11.481	11.438	11.502	HH	171873	3437541	7.01%	0.219%
233	11.540	11.502	11.561	HH	126427	2903682	5.92%	0.185%
234	11.579	11.561	11.600	HH	68731	1382301	2.82%	0.088%
235	11.616	11.600	11.625	HH	59639	775859	1.58%	0.049%
236	11.644	11.625	11.662	HH	127823	2025151	4.13%	0.129%
237	11.694	11.662	11.709	HH	514178	7459504	15.21%	0.475%
238	11.727	11.709	11.752	HH	677758	8159998	16.64%	0.519%
239	11.799	11.752	11.805	HH	491240	6827193	13.92%	0.435%
240	11.816	11.805	11.830	HH	645849	6880516	14.03%	0.438%
241	11.844	11.830	11.857	HH	343177	4093027	8.35%	0.261%
242	11.877	11.857	11.898	HH	635482	8133426	16.58%	0.518%
243	11.916	11.898	11.930	HH	96278	1480233	3.02%	0.094%
244	11.952	11.930	11.974	HH	121641	2412514	4.92%	0.154%
245	11.987	11.974	12.003	HH	72226	1136826	2.32%	0.072%
246	12.049	12.003	12.072	HH	1097059	14403530	29.37%	0.917%

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rteres								
247	12.087	12.072	12.110	HH	96261	1818966	3.71%	0.116%
248	12.129	12.110	12.138	HH	81382	1265763	2.58%	0.081%
249	12.161	12.138	12.183	HH	343217	4767807	9.72%	0.304%
250	12.200	12.183	12.207	HH	88980	1169928	2.39%	0.074%
251	12.215	12.207	12.225	HH	87661	912311	1.86%	0.058%
252	12.255	12.225	12.287	HH	243841	5191133	10.58%	0.330%
253	12.303	12.287	12.319	HH	102521	1749294	3.57%	0.111%
254	12.354	12.319	12.375	HH	161425	3692070	7.53%	0.235%
255	12.406	12.375	12.423	HH	158822	3420852	6.98%	0.218%
256	12.435	12.423	12.450	HH	136482	1910654	3.90%	0.122%
257	12.487	12.450	12.529	HH	267898	6783391	13.83%	0.432%
258	12.583	12.529	12.620	HH	1085997	21200414	43.23%	1.350%
259	12.638	12.620	12.651	HH	201289	3277335	6.68%	0.209%
260	12.667	12.651	12.692	HH	205983	4261152	8.69%	0.271%
261	12.740	12.692	12.757	HH	1985012	32331261	65.93%	2.058%
262	12.766	12.757	12.775	HH	80922	862459	1.76%	0.055%
263	12.783	12.775	12.794	HH	78792	861634	1.76%	0.055%
264	12.819	12.794	12.831	HH	104442	2065631	4.21%	0.132%
265	12.854	12.831	12.884	HH	394657	6600709	13.46%	0.420%
266	12.901	12.884	12.917	HH	200848	2848805	5.81%	0.181%
267	12.931	12.917	12.937	HH	125480	1301452	2.65%	0.083%
268	12.950	12.937	12.987	HH	136780	3242861	6.61%	0.206%
269	13.034	12.987	13.048	HH	1906831	28294898	57.69%	1.801%
270	13.077	13.048	13.106	HH	2335791	40011933	81.59%	2.547%
271	13.133	13.106	13.150	HH	1913092	28078863	57.25%	1.788%
272	13.158	13.150	13.173	HH	291808	3275515	6.68%	0.209%
273	13.183	13.173	13.202	HH	203923	2637629	5.38%	0.168%
274	13.232	13.202	13.251	HH	160438	3572484	7.28%	0.227%
275	13.301	13.251	13.357	HH	530339	15888858	32.40%	1.012%
276	13.367	13.357	13.387	HH	142911	2115104	4.31%	0.135%
277	13.413	13.387	13.448	HH	177725	4472744	9.12%	0.285%
278	13.476	13.448	13.502	HH	424873	7684605	15.67%	0.489%
279	13.520	13.502	13.540	HH	167472	2724471	5.56%	0.173%
280	13.616	13.540	13.651	HH	679393	15577562	31.76%	0.992%
281	13.671	13.651	13.688	HH	142321	2718803	5.54%	0.173%
282	13.718	13.688	13.740	HH	672883	10498137	21.41%	0.668%
283	13.759	13.740	13.797	HH	335366	6198005	12.64%	0.395%
284	13.836	13.797	13.870	HH	336350	9692355	19.76%	0.617%
285	13.885	13.870	13.904	HH	301466	4418336	9.01%	0.281%
286	13.923	13.904	13.938	HH	294610	4271694	8.71%	0.272%
287	13.945	13.938	13.981	HH	196296	3945168	8.04%	0.251%
288	13.992	13.981	14.008	HH	120206	1703841	3.47%	0.108%
289	14.028	14.008	14.048	HH	107275	2426483	4.95%	0.154%
290	14.075	14.048	14.085	HH	121891	2456465	5.01%	0.156%
291	14.105	14.085	14.137	HH	157524	4249070	8.66%	0.271%
292	14.171	14.137	14.213	HH	176697	6466047	13.18%	0.412%
293	14.231	14.213	14.250	HH	122803	2479934	5.06%	0.158%
294	14.309	14.250	14.362	HH	256666	10627272	21.67%	0.677%
295	14.397	14.362	14.423	HH	183080	5454553	11.12%	0.347%
296	14.442	14.423	14.487	HH	212017	5957760	12.15%	0.379%
297	14.516	14.487	14.532	HH	253179	4730335	9.65%	0.301%
298	14.545	14.532	14.556	HH	185706	2449303	4.99%	0.156%
299	14.577	14.556	14.600	HH	373329	6865253	14.00%	0.437%

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300	14.613	14.600	14.634	HH	184922	3474933	7.09%	0.221%
301	14.642	14.634	14.665	HH	149954	2495490	5.09%	0.159%
302	14.689	14.665	14.700	HH	171776	3011467	6.14%	0.192%
303	14.724	14.700	14.750	HH	328757	6838526	13.94%	0.435%
304	14.762	14.750	14.813	HH	171299	4813349	9.81%	0.306%
305	14.851	14.813	14.867	HH	195079	4586665	9.35%	0.292%
306	14.903	14.867	14.921	HH	1003257	17093632	34.85%	1.088%
307	14.948	14.921	14.967	HH	882826	13241750	27.00%	0.843%
308	14.979	14.967	15.021	HH	120002	3461482	7.06%	0.220%
309	15.060	15.021	15.098	HH	304605	7909126	16.13%	0.504%
310	15.136	15.098	15.160	HH	180028	5045454	10.29%	0.321%
311	15.196	15.160	15.218	HH	235482	5171756	10.55%	0.329%
312	15.238	15.218	15.260	HH	175019	3667967	7.48%	0.234%
313	15.286	15.260	15.316	HH	180086	5191060	10.58%	0.330%
314	15.326	15.316	15.366	HH	153452	4174868	8.51%	0.266%
315	15.378	15.366	15.414	HH	120239	3173349	6.47%	0.202%
316	15.435	15.414	15.456	HH	134242	2991442	6.10%	0.190%
317	15.479	15.456	15.487	HH	128303	2229582	4.55%	0.142%
318	15.515	15.487	15.529	HH	164854	3700278	7.55%	0.236%
319	15.566	15.529	15.584	HH	356994	7093715	14.46%	0.452%
320	15.602	15.584	15.633	HH	231208	4950170	10.09%	0.315%
321	15.653	15.633	15.684	HH	213374	4849206	9.89%	0.309%
322	15.730	15.684	15.761	HH	294114	9459723	19.29%	0.602%
323	15.797	15.761	15.819	HH	164852	4743739	9.67%	0.302%
324	15.837	15.819	15.858	HH	116982	2557498	5.21%	0.163%
325	15.880	15.858	15.916	HH	139829	3939695	8.03%	0.251%
326	15.947	15.916	15.961	HH	147863	3361282	6.85%	0.214%
327	15.984	15.961	16.016	HH	141013	4130865	8.42%	0.263%
328	16.026	16.016	16.035	HH	104720	1171927	2.39%	0.075%
329	16.060	16.035	16.075	HH	127024	2786856	5.68%	0.177%
330	16.089	16.075	16.105	HH	113524	1939147	3.95%	0.123%
331	16.154	16.105	16.179	HH	144717	5442575	11.10%	0.346%
332	16.194	16.179	16.212	HH	132122	2429090	4.95%	0.155%
333	16.241	16.212	16.275	HH	159085	5125013	10.45%	0.326%
334	16.328	16.275	16.342	HH	142339	5128698	10.46%	0.327%
335	16.363	16.342	16.404	HH	179552	5106241	10.41%	0.325%
336	16.466	16.404	16.480	HH	697992	15088638	30.77%	0.961%
337	16.489	16.480	16.543	HH	483537	7871116	16.05%	0.501%
338	16.587	16.543	16.606	HH	341982	7278791	14.84%	0.463%
339	16.616	16.606	16.665	HH	163240	4778381	9.74%	0.304%
340	16.700	16.665	16.716	HH	154624	4147908	8.46%	0.264%
341	16.742	16.716	16.754	HH	197428	3855088	7.86%	0.245%
342	16.785	16.754	16.810	HH	516155	9999844	20.39%	0.637%
343	16.850	16.810	16.874	HH	758256	13405830	27.34%	0.853%
344	16.890	16.874	16.895	HH	143183	1724036	3.52%	0.110%
345	16.899	16.895	16.913	HH	143516	1522402	3.10%	0.097%
346	16.938	16.913	16.960	HH	278018	5284898	10.78%	0.336%
347	16.982	16.960	17.001	HH	162363	3467477	7.07%	0.221%
348	17.011	17.001	17.022	HH	131852	1606361	3.28%	0.102%
349	17.070	17.022	17.110	HH	185896	8348387	17.02%	0.531%
350	17.134	17.110	17.153	HH	150059	3487672	7.11%	0.222%
351	17.196	17.153	17.229	HH	256272	9113044	18.58%	0.580%

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352	17.235	17.229	17.272	HH	208243	4388103	8.95%	0.279%
353	17.295	17.272	17.314	HH	154576	3593598	7.33%	0.229%
354	17.340	17.314	17.392	HH	213550	8395665	17.12%	0.534%
355	17.418	17.392	17.436	HH	188278	4274608	8.72%	0.272%
356	17.445	17.436	17.464	HH	164715	2638677	5.38%	0.168%
357	17.495	17.464	17.569	HH	221955	10004151	20.40%	0.637%
358	17.589	17.569	17.599	HH	149993	2529747	5.16%	0.161%
359	17.611	17.599	17.652	HH	162701	4538961	9.26%	0.289%
360	17.673	17.652	17.687	HH	135593	2732800	5.57%	0.174%
361	17.695	17.687	17.709	HH	130351	1674146	3.41%	0.107%
362	17.781	17.709	17.807	HH	170267	8686037	17.71%	0.553%
363	17.822	17.807	17.844	HH	162460	3287142	6.70%	0.209%
364	18.876	18.844	18.894	HH	150467	4353879	8.88%	0.277%
365	17.920	17.894	17.946	HH	181673	5053997	10.31%	0.322%
366	17.998	17.946	18.082	HH	193376	13432391	27.39%	0.855%
367	18.113	18.082	18.132	HH	257569	5913629	12.06%	0.376%
368	18.141	18.132	18.170	HH	191451	3827298	7.80%	0.244%
369	18.216	18.170	18.233	HH	452973	9891884	20.17%	0.630%
370	18.241	18.233	18.269	HH	209412	4096308	8.35%	0.261%
371	18.287	18.269	18.304	HH	197853	3794224	7.74%	0.242%
372	18.337	18.304	18.354	HH	284765	6540099	13.34%	0.416%
373	18.368	18.354	18.436	HH	256678	9553525	19.48%	0.608%
374	18.472	18.436	18.493	HH	423100	8933703	18.22%	0.569%
375	18.505	18.493	18.513	HH	162403	1948146	3.97%	0.124%
376	18.544	18.513	18.561	HH	205336	5269683	10.75%	0.335%
377	18.599	18.561	18.631	HH	329376	9593338	19.56%	0.611%
378	18.646	18.631	18.664	HH	163340	3205234	6.54%	0.204%
379	18.686	18.664	18.702	HH	167709	3664093	7.47%	0.233%
380	18.734	18.702	18.745	HH	166692	4253135	8.67%	0.271%
381	18.770	18.745	18.792	HH	182888	4813129	9.81%	0.306%
382	18.800	18.792	18.817	HH	167370	2460146	5.02%	0.157%
383	18.836	18.817	18.856	HH	180170	4031314	8.22%	0.257%
384	18.892	18.856	18.925	HH	215462	7734069	15.77%	0.492%
385	18.939	18.925	18.955	HH	183322	3230696	6.59%	0.206%
386	18.975	18.955	19.003	HH	215708	5402848	11.02%	0.344%
387	19.031	19.003	19.050	HH	200863	5166226	10.53%	0.329%
388	19.063	19.050	19.094	HH	189123	4756035	9.70%	0.303%
389	19.101	19.094	19.106	HH	169478	1176704	2.40%	0.075%
390	19.143	19.106	19.192	HH	198505	9091159	18.54%	0.579%
391	19.207	19.192	19.219	HH	165729	2673671	5.45%	0.170%
392	19.224	19.219	19.233	HH	163791	1320789	2.69%	0.084%
393	19.245	19.233	19.259	HH	165033	2562500	5.23%	0.163%
394	19.266	19.259	19.275	HH	165556	1528551	3.12%	0.097%
395	19.305	19.275	19.337	HH	175207	6322482	12.89%	0.403%
396	19.341	19.337	19.365	HH	164143	2726541	5.56%	0.174%
397	19.386	19.365	19.397	HH	175645	3247773	6.62%	0.207%
398	19.407	19.397	19.423	HH	171359	2641016	5.39%	0.168%
399	19.442	19.423	19.457	HH	180239	3579823	7.30%	0.228%
400	19.473	19.457	19.486	HH	181140	3100208	6.32%	0.197%
401	19.494	19.486	19.499	HH	174333	1293385	2.64%	0.082%
402	19.503	19.499	19.517	HH	174069	1848181	3.77%	0.118%
403	19.546	19.517	19.580	HH	179855	6664785	13.59%	0.424%
404	19.619	19.580	19.656	HH	294550	10095800	20.59%	0.643%

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rteres								
405	19.688	19.656	19.718	HH	306688	9013616	18.38%	0.574%
406	19.751	19.718	19.766	HH	240799	6298325	12.84%	0.401%
407	19.776	19.766	19.796	HH	225112	3876037	7.90%	0.247%
408	19.814	19.796	19.845	HH	207853	5836977	11.90%	0.372%
409	19.898	19.845	19.937	HH	214985	10640893	21.70%	0.677%
410	20.002	19.937	20.030	HH	370589	13662690	27.86%	0.870%
411	20.067	20.030	20.084	HH	264973	7406824	15.10%	0.472%
412	20.091	20.084	20.124	HH	232704	5242576	10.69%	0.334%
413	20.146	20.124	20.164	HH	235525	5312807	10.83%	0.338%
414	20.169	20.164	20.179	HH	203525	1769346	3.61%	0.113%
415	20.185	20.179	20.190	HH	202927	1371344	2.80%	0.087%
416	20.226	20.190	20.242	HH	213439	6480124	13.21%	0.413%
417	20.269	20.242	20.288	HH	223687	6017830	12.27%	0.383%
418	20.308	20.288	20.323	HH	217767	4539963	9.26%	0.289%
419	20.338	20.323	20.352	HH	212636	3603883	7.35%	0.229%
420	20.360	20.352	20.388	HH	207792	4370788	8.91%	0.278%
421	20.395	20.388	20.401	HH	197018	1558983	3.18%	0.099%
422	20.425	20.401	20.439	HH	204771	4502774	9.18%	0.287%
423	20.474	20.439	20.508	HH	213600	8506983	17.35%	0.542%
424	20.512	20.508	20.538	HH	200158	3560832	7.26%	0.227%
425	20.569	20.538	20.599	HH	200221	7157585	14.59%	0.456%
426	20.614	20.599	20.624	HH	191344	2806821	5.72%	0.179%
427	20.654	20.624	20.680	HH	202229	6638018	13.54%	0.423%
428	20.710	20.680	20.720	HH	195424	4609253	9.40%	0.293%
429	20.726	20.720	20.733	HH	194712	1441310	2.94%	0.092%
430	20.748	20.733	20.774	HH	197625	4753393	9.69%	0.303%
431	20.779	20.774	20.810	HH	191662	4120351	8.40%	0.262%
432	20.817	20.810	20.832	HH	189133	2532184	5.16%	0.161%
433	20.837	20.832	20.849	HH	188630	1884424	3.84%	0.120%
434	20.859	20.849	20.899	HH	187757	5568403	11.35%	0.355%
435	20.910	20.899	20.916	HH	177737	1737136	3.54%	0.111%
436	20.921	20.916	20.967	HH	178859	5386875	10.98%	0.343%
437	21.031	20.967	21.086	HH	191419	13021197	26.55%	0.829%
438	21.114	21.086	21.143	HH	186753	6011177	12.26%	0.383%
439	21.148	21.143	21.169	HH	166146	2540632	5.18%	0.162%
440	21.231	21.169	21.269	HH	188214	10538024	21.49%	0.671%
441	21.319	21.269	21.350	HH	189976	8834918	18.01%	0.562%
442	21.389	21.350	21.394	HH	203699	4847541	9.88%	0.309%
443	21.398	21.394	21.405	HH	203305	1419436	2.89%	0.090%
444	21.425	21.405	21.474	HH	217784	8141696	16.60%	0.518%
445	21.492	21.474	21.559	HH	180881	8634882	17.61%	0.550%
446	21.591	21.559	21.614	HH	172728	5501129	11.22%	0.350%
447	21.638	21.614	21.685	HH	178704	7077373	14.43%	0.451%
448	21.737	21.685	21.772	HH	200286	9182808	18.72%	0.585%
449	21.818	21.772	21.848	HH	191343	7956970	16.22%	0.507%
450	21.873	21.848	21.900	HHA	171350	5237919	10.68%	0.333%

Sum of corrected areas: 1570773471

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