

Instrument :
FID_G
ClientSampleId :
ASPHALT-GRAB

rteres

Area Percent Report

Manual Integrations
APPROVED

mohammad
10/28/2021 1:31:52 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102621\
Data File : FG008962.D
Signal(s) : FID1A.ch
Acq On : 26 Oct 2021 16:23
Sample : M4354-01 5X
Misc :
ALS Vial : 10 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	2.309	2.300	2.314	BH	38	289	0.00%	0.000%
2	2.338	2.314	2.382	PH	8410	77259	0.09%	0.006%
3	2.407	2.382	2.433	PH	424	2722	0.00%	0.000%
4	2.442	2.433	2.446	PH	41	-78	-0.00%	-0.000%
5	2.464	2.446	2.480	PH	168	624	0.00%	0.000%
6	2.489	2.480	2.495	PH	142	670	0.00%	0.000%
7	2.505	2.495	2.512	HH	257	1606	0.00%	0.000%
8	2.526	2.512	2.538	HH	890	9305	0.01%	0.001%
9	2.562	2.538	2.590	HH	6627	92946	0.11%	0.007%
10	2.612	2.590	2.651	HH	16617	214205	0.26%	0.017%
11	2.665	2.651	2.679	HH	6871	67800	0.08%	0.005%
12	2.693	2.679	2.722	HH	5720	79110	0.10%	0.006%
13	2.730	2.722	2.740	HH	2202	21319	0.03%	0.002%
14	2.744	2.740	2.767	HH	1726	16755	0.02%	0.001%
15	2.818	2.767	2.844	HH	12073	141312	0.17%	0.011%
16	2.857	2.844	2.874	HH	3787	33624	0.04%	0.003%
17	2.901	2.874	2.916	HH	5873	68402	0.08%	0.005%
18	2.930	2.916	2.941	HH	2451	26613	0.03%	0.002%
19	2.952	2.941	2.970	HH	2507	28336	0.03%	0.002%
20	2.995	2.970	3.011	HH	13837	183377	0.22%	0.014%
21	3.019	3.011	3.032	HH	1962	16503	0.02%	0.001%
22	3.065	3.032	3.081	HH	21698	245061	0.30%	0.019%
23	3.094	3.081	3.105	HH	10327	92761	0.11%	0.007%
24	3.118	3.105	3.141	HH	7438	96510	0.12%	0.007%
25	3.149	3.141	3.159	HH	1095	9368	0.01%	0.001%
26	3.185	3.159	3.198	HH	24400	259120	0.31%	0.020%
27	3.208	3.198	3.227	HH	10987	97764	0.12%	0.008%
28	3.240	3.227	3.245	HH	1644	14262	0.02%	0.001%
29	3.256	3.245	3.287	HH	3031	37186	0.05%	0.003%
30	3.308	3.287	3.320	HH	1848	17492	0.02%	0.001%
31	3.336	3.320	3.343	HH	4272	37189	0.05%	0.003%
32	3.362	3.343	3.375	HH	64968	601886	0.73%	0.046%
33	3.381	3.375	3.398	HH	18911	153122	0.19%	0.012%
34	3.412	3.398	3.445	HH	6255	66649	0.08%	0.005%
35	3.465	3.445	3.473	HH	1928	17400	0.02%	0.001%
36	3.489	3.473	3.503	HH	9368	93543	0.11%	0.007%

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37	3.514	3.503	3.530	HH	6062	61358	0.07%	0.005%
38	3.543	3.530	3.549	HH	3788	32273	0.04%	0.002%
39	3.564	3.549	3.592	HH	5995	92034	0.11%	0.007%
40	3.606	3.592	3.616	HH	7046	60129	0.07%	0.005%
41	3.631	3.616	3.664	HH	22056	285660	0.35%	0.022%
42	3.681	3.664	3.710	HH	7588	138237	0.17%	0.011%
43	3.737	3.710	3.782	HH	17927	349574	0.42%	0.027%
44	3.810	3.782	3.824	HH	11345	185576	0.23%	0.014%
45	3.832	3.824	3.845	HH	6086	55588	0.07%	0.004%
46	3.862	3.845	3.875	HH	24202	238629	0.29%	0.018%
47	3.881	3.875	3.898	HH	10286	95565	0.12%	0.007%
48	3.909	3.898	3.925	HH	6504	62592	0.08%	0.005%
49	3.949	3.925	4.001	HH	19008	369933	0.45%	0.029%
50	4.037	4.001	4.051	HH	28644	390039	0.47%	0.030%
51	4.064	4.051	4.084	HH	28722	298255	0.36%	0.023%
52	4.098	4.084	4.107	HH	9676	106818	0.13%	0.008%
53	4.131	4.107	4.154	HH	29162	364252	0.44%	0.028%
54	4.166	4.154	4.177	HH	3148	34633	0.04%	0.003%
55	4.203	4.177	4.229	HH	37743	489447	0.59%	0.038%
56	4.244	4.229	4.270	HH	17672	273735	0.33%	0.021%
57	4.278	4.270	4.291	HH	7923	85871	0.10%	0.007%
58	4.301	4.291	4.325	HH	6934	81364	0.10%	0.006%
59	4.354	4.325	4.375	HH	8473	144770	0.18%	0.011%
60	4.394	4.375	4.415	HH	14281	191293	0.23%	0.015%
61	4.438	4.415	4.468	HH	136512	1350607	1.64%	0.104%
62	4.484	4.468	4.499	HH	22957	227013	0.28%	0.017%
63	4.513	4.499	4.532	HH	11939	153109	0.19%	0.012%
64	4.546	4.532	4.572	HH	7306	115214	0.14%	0.009%
65	4.595	4.572	4.625	HH	13003	278090	0.34%	0.021%
66	4.640	4.625	4.652	HH	13449	161278	0.20%	0.012%
67	4.664	4.652	4.677	HH	12156	146973	0.18%	0.011%
68	4.693	4.677	4.709	HH	34082	346644	0.42%	0.027%
69	4.723	4.709	4.735	HH	19497	203052	0.25%	0.016%
70	4.749	4.735	4.760	HH	15108	194135	0.24%	0.015%
71	4.772	4.760	4.785	HH	18586	216677	0.26%	0.017%
72	4.794	4.785	4.803	HH	12877	123760	0.15%	0.010%
73	4.820	4.803	4.835	HH	30380	369518	0.45%	0.028%
74	4.857	4.835	4.880	HH	28018	475405	0.58%	0.037%
75	4.897	4.880	4.903	HH	23377	229546	0.28%	0.018%
76	4.914	4.903	4.934	HH	29773	356478	0.43%	0.027%
77	4.971	4.934	4.986	HH	21753	376439	0.46%	0.029%
78	4.993	4.986	5.020	HH	10939	176064	0.21%	0.014%
79	5.050	5.020	5.065	HH	27902	344388	0.42%	0.027%
80	5.083	5.065	5.108	HH	46223	699437	0.85%	0.054%
81	5.121	5.108	5.133	HH	38821	416068	0.50%	0.032%
82	5.137	5.133	5.149	HH	20333	164282	0.20%	0.013%
83	5.162	5.149	5.171	HH	30202	299978	0.36%	0.023%
84	5.183	5.171	5.204	HH	42841	502081	0.61%	0.039%
85	5.212	5.204	5.227	HH	10372	113780	0.14%	0.009%
86	5.240	5.227	5.262	HH	7263	132365	0.16%	0.010%
87	5.282	5.262	5.294	HH	20263	257578	0.31%	0.020%
88	5.302	5.294	5.315	HH	15188	177368	0.22%	0.014%
89	5.351	5.315	5.362	HH	26408	524554	0.64%	0.040%

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					rt	Area	Area%	Height
90	5.372	5.362	5.389	HH	27598	328791	0.40%	0.025%
91	5.403	5.389	5.417	HH	14050	208738	0.25%	0.016%
92	5.432	5.417	5.454	HH	18050	282155	0.34%	0.022%
93	5.481	5.454	5.499	HH	235399	2462523	2.99%	0.190%
94	5.512	5.499	5.537	HH	48022	677705	0.82%	0.052%
95	5.552	5.537	5.564	HH	15381	192979	0.23%	0.015%
96	5.572	5.564	5.588	HH	10704	124588	0.15%	0.010%
97	5.617	5.588	5.627	HH	12247	243474	0.30%	0.019%
98	5.635	5.627	5.648	HH	11761	133068	0.16%	0.010%
99	5.669	5.648	5.689	HH	52175	715224	0.87%	0.055%
100	5.697	5.689	5.709	HH	16973	179774	0.22%	0.014%
101	5.729	5.709	5.738	HH	16345	250254	0.30%	0.019%
102	5.768	5.738	5.806	HH	55846	1220942	1.48%	0.094%
103	5.825	5.806	5.842	HH	35660	512407	0.62%	0.039%
104	5.858	5.842	5.880	HH	44291	637916	0.77%	0.049%
105	5.893	5.880	5.917	HH	25510	428813	0.52%	0.033%
106	5.937	5.917	5.962	HH	31197	485105	0.59%	0.037%
107	5.984	5.962	6.010	HH	33223	646699	0.78%	0.050%
108	6.038	6.010	6.057	HH	36953	715722	0.87%	0.055%
109	6.080	6.057	6.101	HH	43460	687307	0.83%	0.053%
110	6.123	6.101	6.149	HH	56052	798153	0.97%	0.062%
111	6.182	6.149	6.200	HH	51585	952731	1.16%	0.073%
112	6.213	6.200	6.217	HH	24424	222716	0.27%	0.017%
113	6.222	6.217	6.238	HH	24180	253736	0.31%	0.020%
114	6.254	6.238	6.282	HH	28950	584933	0.71%	0.045%
115	6.305	6.282	6.326	HH	33189	636641	0.77%	0.049%
116	6.347	6.326	6.365	HH	29027	497513	0.60%	0.038%
117	6.405	6.365	6.434	HH	39813	1043465	1.27%	0.080%
118	6.467	6.434	6.514	HH	248942	3262646	3.96%	0.251%
119	6.529	6.514	6.539	HH	16403	226599	0.27%	0.017%
120	6.557	6.539	6.569	HH	20843	314447	0.38%	0.024%
121	6.583	6.569	6.595	HH	25928	360897	0.44%	0.028%
122	6.615	6.595	6.634	HH	72377	987683	1.20%	0.076%
123	6.666	6.634	6.679	HH	32433	691834	0.84%	0.053%
124	6.687	6.679	6.707	HH	26547	361537	0.44%	0.028%
125	6.748	6.707	6.767	HH	41242	904037	1.10%	0.070%
126	6.791	6.767	6.819	HH	34184	815154	0.99%	0.063%
127	6.824	6.819	6.839	HH	25214	262487	0.32%	0.020%
128	6.872	6.839	6.897	HH	81131	1294777	1.57%	0.100%
129	6.910	6.897	6.914	HH	19669	186647	0.23%	0.014%
130	6.941	6.914	6.952	HH	26460	511420	0.62%	0.039%
131	6.969	6.952	6.976	HH	44463	515276	0.62%	0.040%
132	6.985	6.976	7.009	HH	45823	678977	0.82%	0.052%
133	7.028	7.009	7.052	HH	55027	888266	1.08%	0.068%
134	7.071	7.052	7.088	HH	52910	790638	0.96%	0.061%
135	7.102	7.088	7.116	HH	52142	661051	0.80%	0.051%
136	7.128	7.116	7.153	HH	48609	719809	0.87%	0.055%
137	7.171	7.153	7.214	HH	63719	1243172	1.51%	0.096%
138	7.231	7.214	7.257	HH	28470	609292	0.74%	0.047%
139	7.274	7.257	7.291	HH	30578	485484	0.59%	0.037%
140	7.317	7.291	7.337	HH	23105	582956	0.71%	0.045%
141	7.394	7.337	7.430	HH	268885	4591813	5.57%	0.354%

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142	7.438	7.430	7.459	HH	39689	575040	0.70%	0.044%
143	7.481	7.459	7.506	HH	28411	762026	0.92%	0.059%
144	7.515	7.506	7.541	HH	25064	486053	0.59%	0.037%
145	7.570	7.541	7.585	HH	57175	990250	1.20%	0.076%
146	7.592	7.585	7.614	HH	36568	511808	0.62%	0.039%
147	7.625	7.614	7.641	HH	27880	384770	0.47%	0.030%
148	7.668	7.641	7.680	HH	23269	489171	0.59%	0.038%
149	7.712	7.680	7.723	HH	36424	707920	0.86%	0.055%
150	7.734	7.723	7.749	HH	39354	538629	0.65%	0.042%
151	7.761	7.749	7.804	HH	31946	836202	1.01%	0.064%
152	7.830	7.804	7.843	HH	49992	855127	1.04%	0.066%
153	7.848	7.843	7.862	HH	43862	463517	0.56%	0.036%
154	7.874	7.862	7.894	HH	43045	628201	0.76%	0.048%
155	7.916	7.894	7.937	HH	49555	852750	1.03%	0.066%
156	7.962	7.937	7.983	HH	56886	971653	1.18%	0.075%
157	8.019	7.983	8.047	HH	55372	1518183	1.84%	0.117%
158	8.088	8.047	8.104	HH	74018	1376082	1.67%	0.106%
159	8.160	8.104	8.172	HH	108018	3038133	3.68%	0.234%
160	8.180	8.172	8.191	HH	41670	438946	0.53%	0.034%
161	8.202	8.191	8.214	HH	39148	516732	0.63%	0.040%
162	8.227	8.214	8.240	HH	40390	581954	0.71%	0.045%
163	8.268	8.240	8.299	HH	252382	3467881	4.21%	0.267%
164	8.313	8.299	8.334	HH	41147	679956	0.82%	0.052%
165	8.377	8.334	8.399	HH	39445	1281017	1.55%	0.099%
166	8.417	8.399	8.423	HH	31227	403676	0.49%	0.031%
167	8.436	8.423	8.448	HH	39635	519884	0.63%	0.040%
168	8.459	8.448	8.474	HH	41574	540807	0.66%	0.042%
169	8.494	8.474	8.531	HH	44249	1092811	1.33%	0.084%
170	8.562	8.531	8.584	HH	31632	820931	1.00%	0.063%
171	8.598	8.584	8.609	HH	25658	366539	0.44%	0.028%
172	8.628	8.609	8.636	HH	35454	490168	0.59%	0.038%
173	8.645	8.636	8.655	HH	35840	388902	0.47%	0.030%
174	8.688	8.655	8.702	HH	41804	1028233	1.25%	0.079%
175	8.718	8.702	8.744	HH	43612	962448	1.17%	0.074%
176	8.759	8.744	8.779	HH	43961	769080	0.93%	0.059%
177	8.805	8.779	8.833	HH	96142	1669350	2.02%	0.129%
178	8.858	8.833	8.883	HH	43441	967014	1.17%	0.075%
179	8.888	8.883	8.903	HH	29301	333591	0.40%	0.026%
180	8.921	8.903	8.942	HH	35248	702283	0.85%	0.054%
181	8.954	8.942	8.979	HH	33387	655227	0.79%	0.050%
182	8.993	8.979	9.007	HH	25039	405048	0.49%	0.031%
183	9.037	9.007	9.057	HH	34397	903096	1.10%	0.070%
184	9.093	9.057	9.124	HH	247956	3548385	4.30%	0.273%
185	9.133	9.124	9.159	HH	35233	664991	0.81%	0.051%
186	9.177	9.159	9.207	HH	36371	860877	1.04%	0.066%
187	9.230	9.207	9.235	HH	29291	466779	0.57%	0.036%
188	9.249	9.235	9.269	HH	31641	575872	0.70%	0.044%
189	9.297	9.269	9.312	HH	28937	672708	0.82%	0.052%
190	9.328	9.312	9.344	HH	33030	569941	0.69%	0.044%
191	9.351	9.344	9.360	HH	26417	245134	0.30%	0.019%
192	9.383	9.360	9.411	HH	35300	902918	1.09%	0.070%
193	9.427	9.411	9.443	HH	29054	517182	0.63%	0.040%
194	9.469	9.443	9.501	HH	58891	1406963	1.71%	0.108%

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195	9.512	9.501	9.526	HH	35446	487349	0.59%	0.038%
196	9.553	9.526	9.578	HH	50585	1192801	1.45%	0.092%
197	9.599	9.578	9.620	HH	47779	917170	1.11%	0.071%
198	9.629	9.620	9.637	HH	31455	307553	0.37%	0.024%
199	9.653	9.637	9.684	HH	45690	929191	1.13%	0.072%
200	9.709	9.684	9.733	HH	27492	748830	0.91%	0.058%
201	9.751	9.733	9.771	HH	33719	648071	0.79%	0.050%
202	9.789	9.771	9.803	HH	29074	521082	0.63%	0.040%
203	9.830	9.803	9.850	HH	38690	944510	1.15%	0.073%
204	9.874	9.850	9.920	HH	216427	3178046	3.85%	0.245%
205	9.939	9.920	9.950	HH	29462	505837	0.61%	0.039%
206	9.954	9.950	9.967	HH	29698	292762	0.36%	0.023%
207	9.979	9.967	10.024	HH	28679	855954	1.04%	0.066%
208	10.050	10.024	10.071	HH	28266	695949	0.84%	0.054%
209	10.084	10.071	10.099	HH	24320	390167	0.47%	0.030%
210	10.107	10.099	10.116	HH	23641	238288	0.29%	0.018%
211	10.148	10.116	10.176	HH	30538	932555	1.13%	0.072%
212	10.220	10.176	10.235	HH	40202	1046249	1.27%	0.081%
213	10.264	10.235	10.295	HH	81399	1728493	2.10%	0.133%
214	10.317	10.295	10.335	HH	37657	758162	0.92%	0.058%
215	10.353	10.335	10.381	HH	46184	920559	1.12%	0.071%
216	10.407	10.381	10.441	HH	43295	1102332	1.34%	0.085%
217	10.461	10.441	10.478	HH	25481	527367	0.64%	0.041%
218	10.485	10.478	10.501	HH	24629	335058	0.41%	0.026%
219	10.544	10.501	10.579	HH	30053	1264964	1.53%	0.097%
220	10.616	10.579	10.641	HH	190201	2809946	3.41%	0.217%
221	10.658	10.641	10.663	HH	39235	451201	0.55%	0.035%
222	10.687	10.663	10.718	HH	89244	1759374	2.13%	0.136%
223	10.733	10.718	10.773	HH	32655	907448	1.10%	0.070%
224	10.809	10.773	10.814	HH	24872	586341	0.71%	0.045%
225	10.832	10.814	10.853	HH	25017	555282	0.67%	0.043%
226	10.894	10.853	10.915	HH	32159	1036198	1.26%	0.080%
227	10.941	10.915	10.977	HH	35710	1168771	1.42%	0.090%
228	11.008	10.977	11.025	HH	38984	962221	1.17%	0.074%
229	11.032	11.025	11.051	HH	33792	461248	0.56%	0.036%
230	11.070	11.051	11.105	HH	36600	927110	1.12%	0.071%
231	11.124	11.105	11.154	HH	33960	785439	0.95%	0.061%
232	11.187	11.154	11.211	HH	26108	843480	1.02%	0.065%
233	11.230	11.211	11.254	HH	26496	641165	0.78%	0.049%
234	11.272	11.254	11.282	HH	26863	438406	0.53%	0.034%
235	11.287	11.282	11.291	HH	26251	139528	0.17%	0.011%
236	11.321	11.291	11.344	HH	152211	2226937	2.70%	0.172%
237	11.350	11.344	11.382	HH	29019	636444	0.77%	0.049%
238	11.411	11.382	11.444	HH	68903	1532993	1.86%	0.118%
239	11.448	11.444	11.461	HH	24496	239544	0.29%	0.018%
240	11.475	11.461	11.501	HH	26140	578812	0.70%	0.045%
241	11.527	11.501	11.531	HH	25487	435909	0.53%	0.034%
242	11.536	11.531	11.550	HH	25008	281522	0.34%	0.022%
243	11.568	11.550	11.585	HH	26446	525498	0.64%	0.041%
244	11.611	11.585	11.658	HH	39748	1372299	1.66%	0.106%
245	11.679	11.658	11.699	HH	33551	733087	0.89%	0.056%
246	11.718	11.699	11.740	HH	39137	795364	0.96%	0.061%

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247	11.757	11.740	11.774	HH	32703	585992	0.71%	0.045%	
248	11.806	11.774	11.824	HH	34409	884705	1.07%	0.068%	
249	11.836	11.824	11.847	HH	28139	371235	0.45%	0.029%	
250	11.881	11.847	11.916	HH	46087	1314900	1.59%	0.101%	
251	11.931	11.916	11.947	HH	24765	446617	0.54%	0.034%	
252	11.993	11.947	12.019	HH	124229	2365320	2.87%	0.182%	
253	12.045	12.019	12.078	HH	156876	2419969	2.93%	0.187%	
254	12.104	12.078	12.171	HH	33195	1571164	1.91%	0.121%	
255	12.190	12.171	12.207	HH	28660	564066	0.68%	0.043%	
256	12.280	12.207	12.319	HH	259630	6270282	7.60%	0.483%	
257	12.331	12.319	12.353	HH	39005	734615	0.89%	0.057%	
258	12.373	12.353	12.394	HH	38444	896609	1.09%	0.069%	
259	12.407	12.394	12.444	HH	40613	1000259	1.21%	0.077%	
260	12.460	12.444	12.470	HH	36058	541436	0.66%	0.042%	
261	12.482	12.470	12.495	HH	37615	537692	0.65%	0.041%	
262	12.514	12.495	12.536	HH	36793	813065	0.99%	0.063%	
263	12.560	12.536	12.575	HH	33264	735366	0.89%	0.057%	
264	12.591	12.575	12.610	HH	37763	713064	0.86%	0.055%	
265	12.635	12.610	12.676	HH	113988	2255282	2.73%	0.174%	
266	12.714	12.676	12.767	HH	38494	1857275	2.25%	0.143%	
267	12.785	12.767	12.800	HH	30878	585372	0.71%	0.045%	
268	12.809	12.800	12.823	HH	30512	417895	0.51%	0.032%	
269	12.838	12.823	12.843	HH	31348	378858	0.46%	0.029%	
270	12.848	12.843	12.853	HH	31103	174784	0.21%	0.013%	
271	12.859	12.853	12.873	HH	30712	359294	0.44%	0.028%	
272	12.898	12.873	12.927	HH	37726	1122800	1.36%	0.087%	
273	12.930	12.927	12.942	HH	34149	291514	0.35%	0.022%	
274	12.958	12.942	12.984	HH	35321	833010	1.01%	0.064%	
275	13.011	12.984	13.039	HH	39352	1163647	1.41%	0.090%	
276	13.107	13.039	13.129	HH	3909225	82461860	100.00%	6.355%	
277	13.157	13.129	13.172	HH	2886426	37875788	45.93%	2.919%	
278	13.177	13.172	13.213	HH	285320	2873078	3.48%	0.221%	
279	13.228	13.213	13.233	HH	44015	501101	0.61%	0.039%	
280	13.255	13.233	13.265	HH	99626	1438568	1.74%	0.111%	
281	13.352	13.265	13.370	HH	769005	28609415	34.69%	2.205%	
282	13.405	13.370	13.470	HH	929073	21532083	26.11%	1.660%	
283	13.490	13.470	13.503	HH	87743	1620750	1.97%	0.125%	
284	13.527	13.503	13.560	HH	227935	4311833	5.23%	0.332%	
285	13.572	13.560	13.588	HH	78150	1247145	1.51%	0.096%	
286	13.606	13.588	13.665	HH	82196	3298726	4.00%	0.254%	
287	13.679	13.665	13.700	HH	66821	1325478	1.61%	0.102%	
288	13.727	13.700	13.757	HH	94508	2512485	3.05%	0.194%	
289	13.767	13.757	13.776	HH	66289	750228	0.91%	0.058%	
290	13.797	13.776	13.821	HH	80400	1888154	2.29%	0.146%	
291	13.841	13.821	13.870	HH	106347	2331725	2.83%	0.180%	
292	13.889	13.870	13.913	HH	70721	1717036	2.08%	0.132%	
293	13.934	13.913	13.951	HH	65125	1420487	1.72%	0.109%	
294	13.967	13.951	14.005	HH	66323	2039668	2.47%	0.157%	
295	14.010	14.005	14.015	HH	58408	328952	0.40%	0.025%	
296	14.021	14.015	14.029	HH	58065	487362	0.59%	0.038%	
297	14.064	14.029	14.106	HH	67366	2882845	3.50%	0.222%	
298	14.128	14.106	14.141	HH	74811	1410479	1.71%	0.109%	
299	14.147	14.141	14.189	HH	71724	1832054	2.22%	0.141%	

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300	14.210	14.189	14.217	HH	64692	1070404	1.30%	0.082%
301	14.223	14.217	14.238	HH	64242	799337	0.97%	0.062%
302	14.257	14.238	14.275	HH	77284	1550736	1.88%	0.120%
303	14.301	14.275	14.315	HH	84737	1829500	2.22%	0.141%
304	14.328	14.315	14.383	HH	80462	2945220	3.57%	0.227%
305	14.405	14.383	14.448	HH	102683	2988625	3.62%	0.230%
306	14.478	14.448	14.502	HH	81077	2313359	2.81%	0.178%
307	14.527	14.502	14.548	HH	74792	1930753	2.34%	0.149%
308	14.553	14.548	14.565	HH	66954	691603	0.84%	0.053%
309	14.583	14.565	14.598	HH	72077	1351959	1.64%	0.104%
310	14.611	14.598	14.648	HH	79232	2128932	2.58%	0.164%
311	14.669	14.648	14.675	HH	65486	1032937	1.25%	0.080%
312	14.702	14.675	14.723	HH	68132	1928488	2.34%	0.149%
313	14.745	14.723	14.777	HH	85895	2394501	2.90%	0.185%
314	14.785	14.777	14.819	HH	67739	1655015	2.01%	0.128%
315	14.841	14.819	14.855	HH	67870	1415731	1.72%	0.109%
316	14.880	14.855	14.893	HH	68984	1552051	1.88%	0.120%
317	14.904	14.893	14.911	HH	69174	741542	0.90%	0.057%
318	14.947	14.911	14.979	HH	107894	3280808	3.98%	0.253%
319	14.996	14.979	15.008	HH	68987	1185316	1.44%	0.091%
320	15.037	15.008	15.041	HH	70718	1369036	1.66%	0.106%
321	15.044	15.041	15.068	HH	70651	1106994	1.34%	0.085%
322	15.092	15.068	15.128	HH	72676	2533596	3.07%	0.195%
323	15.139	15.128	15.175	HH	71469	1943383	2.36%	0.150%
324	15.222	15.175	15.245	HH	75353	3015220	3.66%	0.232%
325	15.259	15.245	15.270	HH	70720	1032897	1.25%	0.080%
326	15.286	15.270	15.310	HH	72386	1690715	2.05%	0.130%
327	15.332	15.310	15.360	HH	81172	2296398	2.78%	0.177%
328	15.373	15.360	15.393	HH	75555	1437106	1.74%	0.111%
329	15.416	15.393	15.441	HH	78831	2143163	2.60%	0.165%
330	15.469	15.441	15.491	HH	96234	2426157	2.94%	0.187%
331	15.501	15.491	15.512	HH	74931	925681	1.12%	0.071%
332	15.516	15.512	15.519	HH	74214	322193	0.39%	0.025%
333	15.533	15.519	15.551	HH	75449	1425712	1.73%	0.110%
334	15.580	15.551	15.595	HH	81234	2037316	2.47%	0.157%
335	15.618	15.595	15.637	HH	80495	1940264	2.35%	0.150%
336	15.653	15.637	15.660	HH	76969	1068993	1.30%	0.082%
337	15.667	15.660	15.671	HH	77556	498885	0.60%	0.038%
338	15.676	15.671	15.680	HH	76732	384167	0.47%	0.030%
339	15.694	15.680	15.715	HH	80520	1699392	2.06%	0.131%
340	15.737	15.715	15.752	HH	84458	1801462	2.18%	0.139%
341	15.766	15.752	15.777	HH	82297	1224169	1.48%	0.094%
342	15.791	15.777	15.832	HH	82848	2671030	3.24%	0.206%
343	15.841	15.832	15.845	HH	81397	605205	0.73%	0.047%
344	15.867	15.845	15.875	HH	84913	1486893	1.80%	0.115%
345	15.892	15.875	15.898	HH	84743	1177398	1.43%	0.091%
346	15.904	15.898	15.917	HH	84711	952298	1.15%	0.073%
347	15.940	15.917	15.949	HH	86305	1652574	2.00%	0.127%
348	15.974	15.949	15.997	HH	109835	2732704	3.31%	0.211%
349	16.009	15.997	16.016	HH	90077	1039979	1.26%	0.080%
350	16.022	16.016	16.042	HH	92349	1399938	1.70%	0.108%
351	16.049	16.042	16.054	HH	87359	627419	0.76%	0.048%

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352	16.061	16.054	16.072	HH	87642	933698	1.13%	0.072%
353	16.077	16.072	16.083	HH	86771	543056	0.66%	0.042%
354	16.087	16.083	16.104	HH	88512	1085660	1.32%	0.084%
355	16.115	16.104	16.126	HH	87556	1173657	1.42%	0.090%
356	16.172	16.126	16.207	HH	94995	4407271	5.34%	0.340%
357	16.236	16.207	16.253	HH	118415	2880160	3.49%	0.222%
358	16.271	16.253	16.308	HH	122330	3448852	4.18%	0.266%
359	16.322	16.308	16.330	HH	96414	1282101	1.55%	0.099%
360	16.350	16.330	16.361	HH	99330	1770105	2.15%	0.136%
361	16.381	16.361	16.403	HH	99717	2491472	3.02%	0.192%
362	16.410	16.403	16.429	HH	99590	1551279	1.88%	0.120%
363	16.461	16.429	16.500	HH	116272	4497720	5.45%	0.347%
364	16.524	16.500	16.545	HH	105569	2757095	3.34%	0.212%
365	16.567	16.545	16.586	HH	107346	2596345	3.15%	0.200%
366	16.602	16.586	16.614	HH	111162	1841840	2.23%	0.142%
367	16.618	16.614	16.627	HH	112263	848269	1.03%	0.065%
368	16.631	16.627	16.640	HH	108520	851252	1.03%	0.066%
369	16.650	16.640	16.657	HH	110575	1110650	1.35%	0.086%
370	16.674	16.657	16.704	HH	115495	3129189	3.79%	0.241%
371	16.707	16.704	16.716	HH	111888	822410	1.00%	0.063%
372	16.731	16.716	16.745	HH	111102	1867894	2.27%	0.144%
373	16.776	16.745	16.794	HH	140251	3646865	4.42%	0.281%
374	16.816	16.794	16.841	HH	225678	4733293	5.74%	0.365%
375	16.850	16.841	16.880	HH	124200	2851280	3.46%	0.220%
376	16.927	16.880	16.944	HH	135337	4741020	5.75%	0.365%
377	16.961	16.944	17.021	HH	147454	6075672	7.37%	0.468%
378	17.026	17.021	17.032	HH	125406	809197	0.98%	0.062%
379	17.035	17.032	17.058	HH	125496	1917949	2.33%	0.148%
380	17.065	17.058	17.090	HH	124998	2352854	2.85%	0.181%
381	17.103	17.090	17.119	HH	129010	2202070	2.67%	0.170%
382	17.177	17.119	17.196	HH	137199	6058750	7.35%	0.467%
383	17.218	17.196	17.238	HH	137596	3414504	4.14%	0.263%
384	17.254	17.238	17.272	HH	140773	2833984	3.44%	0.218%
385	17.276	17.272	17.293	HH	137814	1706455	2.07%	0.132%
386	17.310	17.293	17.315	HH	139964	1835544	2.23%	0.141%
387	17.325	17.315	17.334	HH	141968	1603144	1.94%	0.124%
388	17.355	17.334	17.366	HH	153104	2845183	3.45%	0.219%
389	17.377	17.366	17.400	HH	158699	3009241	3.65%	0.232%
390	17.430	17.400	17.448	HH	151722	4241816	5.14%	0.327%
391	17.456	17.448	17.475	HH	147290	2408246	2.92%	0.186%
392	17.497	17.475	17.503	HH	152732	2429805	2.95%	0.187%
393	17.507	17.503	17.514	HH	152964	1001517	1.21%	0.077%
394	17.523	17.514	17.547	HH	153169	2994948	3.63%	0.231%
395	17.563	17.547	17.578	HH	155847	2820463	3.42%	0.217%
396	17.583	17.578	17.611	HH	153728	2957550	3.59%	0.228%
397	17.630	17.611	17.643	HH	151626	2893608	3.51%	0.223%
398	17.655	17.643	17.673	HH	153723	2779655	3.37%	0.214%
399	17.686	17.673	17.691	HH	154319	1613420	1.96%	0.124%
400	17.720	17.691	17.725	HH	156185	3145751	3.81%	0.242%
401	17.733	17.725	17.738	HH	160719	1191320	1.44%	0.092%
402	17.759	17.738	17.780	HH	165330	4115541	4.99%	0.317%
403	17.792	17.780	17.798	HH	166523	1744116	2.12%	0.134%
404	17.822	17.798	17.857	HH	188545	6137589	7.44%	0.473%

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405	17.898	17.857	17.933	HH	175897	7652122	9.28%	0.590%
406	17.974	17.933	17.994	HH	208366	6797589	8.24%	0.524%
407	18.000	17.994	18.029	HH	181715	3755502	4.55%	0.289%
408	18.047	18.029	18.055	HH	176604	2628623	3.19%	0.203%
409	18.060	18.055	18.067	HH	176884	1312854	1.59%	0.101%
410	18.077	18.067	18.089	HH	178688	2283319	2.77%	0.176%
411	18.100	18.089	18.120	HH	177825	3352263	4.07%	0.258%
412	18.141	18.120	18.155	HH	183640	3693034	4.48%	0.285%
413	18.179	18.155	18.184	HH	190774	3227221	3.91%	0.249%
414	18.188	18.184	18.211	HH	188651	2991430	3.63%	0.231%
415	18.216	18.211	18.219	HH	184977	943120	1.14%	0.073%
416	18.243	18.219	18.272	HH	209681	6158744	7.47%	0.475%
417	18.278	18.272	18.283	HH	185313	1140569	1.38%	0.088%
418	18.292	18.283	18.299	HH	190866	1840993	2.23%	0.142%
419	18.343	18.299	18.365	HH	230516	7990602	9.69%	0.616%
420	18.377	18.365	18.396	HH	209369	3785900	4.59%	0.292%
421	18.426	18.396	18.434	HH	200517	4488450	5.44%	0.346%
422	18.437	18.434	18.445	HH	200699	1391060	1.69%	0.107%
423	18.463	18.445	18.467	HH	203079	2539609	3.08%	0.196%
424	18.473	18.467	18.477	HH	202197	1205697	1.46%	0.093%
425	18.500	18.477	18.522	HH	209323	5546584	6.73%	0.427%
426	18.526	18.522	18.531	HH	205787	1123044	1.36%	0.087%
427	18.537	18.531	18.553	HH	204278	2632493	3.19%	0.203%
428	18.580	18.553	18.586	HH	207069	4079417	4.95%	0.314%
429	18.611	18.586	18.619	HH	213445	4161070	5.05%	0.321%
430	18.625	18.619	18.629	HH	212085	1170678	1.42%	0.090%
431	18.652	18.629	18.690	HH	242985	8194314	9.94%	0.632%
432	18.717	18.690	18.725	HH	214365	4503833	5.46%	0.347%
433	18.729	18.725	18.736	HH	217591	1378523	1.67%	0.106%
434	18.766	18.736	18.799	HH	249860	8750638	10.61%	0.674%
435	18.813	18.799	18.843	HH	250906	6252005	7.58%	0.482%
436	18.855	18.843	18.875	HH	228749	4431153	5.37%	0.342%
437	18.891	18.875	18.895	HH	231663	2731130	3.31%	0.210%
438	18.915	18.895	18.932	HH	238631	5129245	6.22%	0.395%
439	18.943	18.932	18.965	HH	238874	4579415	5.55%	0.353%
440	18.975	18.965	18.984	HH	236176	2694841	3.27%	0.208%
441	18.988	18.984	18.995	HH	236194	1623797	1.97%	0.125%
442	19.021	18.995	19.037	HH	266272	6277183	7.61%	0.484%
443	19.050	19.037	19.078	HH	269262	6229104	7.55%	0.480%
444	19.098	19.078	19.130	HH	264290	7771598	9.42%	0.599%
445	19.133	19.130	19.137	HH	244197	1084773	1.32%	0.084%
446	19.169	19.137	19.185	HH	265700	7352946	8.92%	0.567%
447	19.202	19.185	19.228	HH	263932	6761142	8.20%	0.521%
448	19.234	19.228	19.252	HH	261859	3624342	4.40%	0.279%
449	19.263	19.252	19.275	HH	262079	3555056	4.31%	0.274%
450	19.281	19.275	19.288	HH	263430	2084338	2.53%	0.161%
451	19.306	19.288	19.322	HH	275869	5483309	6.65%	0.423%
452	19.331	19.322	19.335	HH	270974	2066272	2.51%	0.159%
453	19.341	19.335	19.374	HH	278301	6185310	7.50%	0.477%
454	19.378	19.374	19.383	HH	263853	1485183	1.80%	0.114%
455	19.397	19.383	19.409	HH	268590	4077682	4.94%	0.314%
456	19.444	19.409	19.458	HH	295505	8237450	9.99%	0.635%

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457	19.484	19.458	19.511	HH	286820	8760565	10.62%	0.675%
458	19.566	19.511	19.572	HH	292181	10368797	12.57%	0.799%
459	19.586	19.572	19.602	HH	296228	5261784	6.38%	0.406%
460	19.646	19.602	19.655	HH	293255	9033513	10.95%	0.696%
461	19.660	19.655	19.667	HH	294341	2255897	2.74%	0.174%
462	19.669	19.667	19.673	HH	291908	1009397	1.22%	0.078%
463	19.681	19.673	19.686	HH	292278	2166900	2.63%	0.167%
464	19.690	19.686	19.696	HH	293780	1744305	2.12%	0.134%
465	19.709	19.696	19.719	HH	296154	4075463	4.94%	0.314%
466	19.734	19.719	19.763	HH	302389	7826545	9.49%	0.603%
467	19.769	19.763	19.779	HH	297377	2795710	3.39%	0.215%
468	19.813	19.779	19.824	HH	336176	8430952	10.22%	0.650%
469	19.832	19.824	19.851	HH	331432	5159569	6.26%	0.398%
470	19.877	19.851	19.903	HH	332781	9920776	12.03%	0.765%
471	19.923	19.903	19.939	HH	322114	6913547	8.38%	0.533%
472	19.967	19.939	19.972	HH	322409	6098463	7.40%	0.470%
473	19.986	19.972	19.991	HH	328942	3633960	4.41%	0.280%
474	19.995	19.991	20.008	HH	325251	3332042	4.04%	0.257%
475	20.016	20.008	20.032	HH	326724	4704784	5.71%	0.363%
476	20.040	20.032	20.045	HH	327597	2411507	2.92%	0.186%
477	20.055	20.045	20.070	HH	333320	5057770	6.13%	0.390%
478	20.100	20.070	20.105	HH	349748	6985485	8.47%	0.538%
479	20.107	20.105	20.123	HH	343729	3586189	4.35%	0.276%
480	20.135	20.123	20.155	HH	334544	6430418	7.80%	0.496%
481	20.183	20.155	20.188	HH	355546	6773056	8.21%	0.522%
482	20.196	20.188	20.211	HH	350978	4778406	5.79%	0.368%
483	20.222	20.211	20.232	HH	345138	4218847	5.12%	0.325%
484	20.276	20.232	20.284	HH	360955	11007588	13.35%	0.848%
485	20.292	20.284	20.306	HH	358512	4521068	5.48%	0.348%
486	20.312	20.306	20.316	HH	359816	2145460	2.60%	0.165%
487	20.334	20.316	20.343	HH	370779	6002809	7.28%	0.463%
488	20.348	20.343	20.378	HH	366101	7419419	9.00%	0.572%
489	20.397	20.378	20.429	HH	367030	10991097	13.33%	0.847%
490	20.436	20.429	20.441	HH	345229	2333512	2.83%	0.180%
491	20.469	20.441	20.484	HH	348453	8822895	10.70%	0.680%
492	20.491	20.484	20.496	HH	346476	2427214	2.94%	0.187%
493	20.500	20.496	20.507	HH	344237	2304810	2.80%	0.178%
494	20.547	20.507	20.579	HH	383464	15518284	18.82%	1.196%
495	20.585	20.579	20.597	HH	355502	3853610	4.67%	0.297%
496	20.604	20.597	20.609	HH	362114	2447887	2.97%	0.189%
497	20.616	20.609	20.621	HH	363163	2600388	3.15%	0.200%
498	20.626	20.621	20.650	HH	361115	6255189	7.59%	0.482%
499	20.660	20.650	20.687	HH	360036	7815574	9.48%	0.602%
500	20.692	20.687	20.702	HH	344277	3053496	3.70%	0.235%
501	20.705	20.702	20.715	HH	338792	2526167	3.06%	0.195%
502	20.723	20.715	20.732	HH	337083	3395778	4.12%	0.262%
503	20.739	20.732	20.750	HH	339637	3589716	4.35%	0.277%
504	20.778	20.750	20.782	HH	336152	6513891	7.90%	0.502%
505	20.794	20.782	20.822	HH	343306	8025009	9.73%	0.618%
506	20.830	20.822	20.837	HH	339616	3039026	3.69%	0.234%
507	20.847	20.837	20.870	HH	341269	6582963	7.98%	0.507%
508	20.877	20.870	20.885	HH	348385	3001362	3.64%	0.231%
509	20.896	20.885	20.916	HH	344546	6396703	7.76%	0.493%

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510	20.926	20.916	20.929	HH	344985	2749714	3.33%	0.212%
511	20.944	20.929	20.968	HH	355487	7973214	9.67%	0.615%
512	20.984	20.968	20.995	HH	328976	5104305	6.19%	0.393%
513	21.001	20.995	21.008	HH	321512	2501264	3.03%	0.193%
514	21.016	21.008	21.024	HH	326753	3110508	3.77%	0.240%
515	21.030	21.024	21.047	HH	325874	4522767	5.48%	0.349%
516	21.052	21.047	21.097	HH	325035	9577440	11.61%	0.738%
517	21.104	21.097	21.111	HH	324970	2574829	3.12%	0.198%
518	21.118	21.111	21.133	HH	325097	4304246	5.22%	0.332%
519	21.139	21.133	21.160	HH	322602	5086799	6.17%	0.392%
520	21.164	21.160	21.173	HH	322862	2527088	3.06%	0.195%
521	21.178	21.173	21.187	HH	321141	2746986	3.33%	0.212%
522	21.200	21.187	21.209	HH	327964	4205777	5.10%	0.324%
523	21.218	21.209	21.229	HH	321024	3639518	4.41%	0.281%
524	21.240	21.229	21.259	HH	322240	5781476	7.01%	0.446%
525	21.264	21.259	21.269	HH	310318	1824798	2.21%	0.141%
526	21.274	21.269	21.279	HH	309823	1828896	2.22%	0.141%
527	21.282	21.279	21.310	HH	302540	5518146	6.69%	0.425%
528	21.315	21.310	21.317	HH	300271	1373237	1.67%	0.106%
529	21.322	21.317	21.350	HH	303720	5927487	7.19%	0.457%
530	21.374	21.350	21.379	HH	315474	5231376	6.34%	0.403%
531	21.388	21.379	21.411	HH	320365	6062723	7.35%	0.467%
532	21.415	21.411	21.431	HH	303540	3470885	4.21%	0.268%
533	21.449	21.431	21.454	HH	306420	4127566	5.01%	0.318%
534	21.459	21.454	21.471	HH	309768	3281961	3.98%	0.253%
535	21.476	21.471	21.481	HH	304307	1760232	2.13%	0.136%
536	21.486	21.481	21.491	HH	303856	1736286	2.11%	0.134%
537	21.519	21.491	21.531	HH	313488	7386734	8.96%	0.569%
538	21.538	21.531	21.546	HH	312284	2716731	3.29%	0.209%
539	21.552	21.546	21.586	HH	306193	7218290	8.75%	0.556%
540	21.590	21.586	21.600	HH	294265	2409057	2.92%	0.186%
541	21.604	21.600	21.608	HH	290912	1423258	1.73%	0.110%
542	21.610	21.608	21.631	HH	291118	3897685	4.73%	0.300%
543	21.636	21.631	21.653	HH	283194	3788609	4.59%	0.292%
544	21.659	21.653	21.672	HH	279696	3118698	3.78%	0.240%
545	21.685	21.672	21.689	HH	279928	2749432	3.33%	0.212%
546	21.695	21.689	21.699	HH	280190	1626351	1.97%	0.125%
547	21.703	21.699	21.708	HH	280607	1562125	1.89%	0.120%
548	21.721	21.708	21.726	HH	284592	3068117	3.72%	0.236%
549	21.736	21.726	21.749	HH	287740	3875518	4.70%	0.299%
550	21.756	21.749	21.763	HH	285318	2346190	2.85%	0.181%
551	21.776	21.763	21.790	HH	285601	4638315	5.62%	0.357%
552	21.799	21.790	21.806	HH	283366	2615449	3.17%	0.202%
553	21.810	21.806	21.817	HH	282939	1929550	2.34%	0.149%
554	21.821	21.817	21.829	HH	281959	1918338	2.33%	0.148%
555	21.835	21.829	21.852	HH	282964	3946547	4.79%	0.304%
556	21.862	21.852	21.867	HH	286396	2446807	2.97%	0.189%
557	21.883	21.867	21.888	HH	302767	3830048	4.64%	0.295%
558	21.896	21.888	21.911	HH	307488	4080633	4.95%	0.314%
559	21.916	21.911	21.925	HH	295407	2389402	2.90%	0.184%
560	21.930	21.925	21.961	HH	292745	6303626	7.64%	0.486%
561	21.967	21.961	21.993	HH	280841	5227065	6.34%	0.403%

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Sum of corrected areas: 1297501285

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