

rters

Instrument :

FID_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF12212
 Data File : FF009498.D
 Signal(s) : FID2B.ch
 Acq On : 21 Dec 2021 18:05
 Sample : M5181-02MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Reviewed By :Yogesh Patel 12/22/2021
 Supervised By :mohammad ahmed 12/22/2021

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF121521.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.126	2.100	2.153	BH	17231	56694	0.05%	0.001%
2	2.187	2.153	2.226	PH	355506	2439551	1.95%	0.022%
3	2.257	2.226	2.275	PH	7625	804	0.00%	0.000%
4	2.290	2.275	2.298	PH	-2523	-37892	-0.03%	-0.000%
5	2.312	2.298	2.324	PH	5660	15789	0.01%	0.000%
6	2.337	2.324	2.361	PH	7299	19975	0.02%	0.000%
7	2.373	2.361	2.390	PH	-484	-32911	-0.03%	-0.000%
8	2.411	2.390	2.443	PH	18896	202608	0.16%	0.002%
9	2.457	2.443	2.462	PH	28448	193235	0.15%	0.002%
10	2.474	2.462	2.495	HH	92994	791087	0.63%	0.007%
11	2.507	2.495	2.518	HH	36679	262834	0.21%	0.002%
12	2.536	2.518	2.553	HH	86681	931595	0.74%	0.008%
13	2.571	2.553	2.606	HH	33319	481788	0.38%	0.004%
14	2.643	2.606	2.646	PH	55604	520767	0.42%	0.005%
15	2.655	2.646	2.678	HH	71103	641012	0.51%	0.006%
16	2.694	2.678	2.714	HH	10026	72645	0.06%	0.001%
17	2.740	2.714	2.752	PH	19508	154510	0.12%	0.001%
18	2.767	2.752	2.777	HH	24308	220430	0.18%	0.002%
19	2.787	2.777	2.791	HH	18750	131866	0.11%	0.001%
20	2.795	2.791	2.818	HH	18997	127559	0.10%	0.001%
21	2.853	2.818	2.868	PH	33842	314869	0.25%	0.003%
22	2.882	2.868	2.892	HH	30599	252855	0.20%	0.002%
23	2.899	2.892	2.909	HH	24657	196888	0.16%	0.002%
24	2.927	2.909	2.932	HH	35294	341265	0.27%	0.003%
25	2.944	2.932	2.973	HH	71588	922903	0.74%	0.008%
26	2.985	2.973	2.991	HH	18054	147308	0.12%	0.001%
27	3.005	2.991	3.023	HH	105040	1060205	0.85%	0.010%
28	3.036	3.023	3.063	HH	66812	936555	0.75%	0.008%
29	3.070	3.063	3.080	HH	16129	134055	0.11%	0.001%
30	3.094	3.080	3.116	HH	14129	175875	0.14%	0.002%
31	3.135	3.116	3.150	PH	58457	523028	0.42%	0.005%
32	3.163	3.150	3.171	HH	37872	357744	0.29%	0.003%
33	3.187	3.171	3.197	HH	125620	1203399	0.96%	0.011%
34	3.211	3.197	3.226	HH	318358	3139653	2.50%	0.028%
35	3.232	3.226	3.272	HH	92299	986541	0.79%	0.009%
36	3.290	3.272	3.300	PH	23180	206986	0.17%	0.002%

37	3.316	3.300	3.328	HH	200957	1926877	1.54%	0.017%
38	3.340	3.328	3.357	HH	235465	2407076		
39	3.374	3.357	3.394	HH	196482	2775221		
40	3.399	3.394	3.418	HH	98722	1004925		
41	3.432	3.418	3.444	HH	113604	1099622		
42	3.463	3.444	3.493	HH	277962	3899261		
43	3.524	3.493	3.543	HH	288962	4414032	3.52%	0.040%
44	3.570	3.543	3.609	HH	873988	14306607	11.41%	0.128%
45	3.641	3.609	3.672	HH	657073	11240035	8.96%	0.101%
46	3.687	3.672	3.717	HH	280436	4013641	3.20%	0.036%
47	3.731	3.717	3.749	HH	164818	1709679	1.36%	0.015%
48	3.781	3.749	3.797	HH	281456	4871004	3.88%	0.044%
49	3.807	3.797	3.827	HH	276801	3183912	2.54%	0.029%
50	3.847	3.827	3.871	HH	231755	3456646	2.76%	0.031%
51	3.887	3.871	3.908	HH	303261	5175520	4.13%	0.046%
52	3.923	3.908	3.942	HH	440114	6904154	5.51%	0.062%
53	3.954	3.942	3.976	HH	430464	5689553	4.54%	0.051%
54	3.998	3.976	4.006	HH	245942	3072833	2.45%	0.028%
55	4.020	4.006	4.047	HH	275669	5579059	4.45%	0.050%
56	4.065	4.047	4.083	HH	421750	6406148	5.11%	0.057%
57	4.103	4.083	4.136	HH	457633	7850803	6.26%	0.070%
58	4.175	4.136	4.195	HH	696712	9947887	7.93%	0.089%
59	4.213	4.195	4.220	HH	389128	4508824	3.60%	0.040%
60	4.228	4.220	4.237	HH	401332	3958123	3.16%	0.036%
61	4.265	4.237	4.286	HH	620204	12773099	10.18%	0.115%
62	4.298	4.286	4.313	HH	314638	3953301	3.15%	0.035%
63	4.330	4.313	4.374	HH	612993	10758267	8.58%	0.096%
64	4.425	4.374	4.441	HH	595424	13505747	10.77%	0.121%
65	4.461	4.441	4.505	HH	1057987	25596043	20.41%	0.230%
66	4.521	4.505	4.538	HH	931548	12180913	9.71%	0.109%
67	4.544	4.538	4.554	HH	411327	3681550	2.94%	0.033%
68	4.576	4.554	4.611	HH	866099	21058146	16.79%	0.189%
69	4.640	4.611	4.655	HH	951242	17467472	13.93%	0.157%
70	4.674	4.655	4.678	HH	1183612	12260398	9.78%	0.110%
71	4.682	4.678	4.703	HH	1183015	12644817	10.08%	0.113%
72	4.737	4.703	4.765	HH	1689740	30617527	24.41%	0.275%
73	4.785	4.765	4.811	HH	670362	14472240	11.54%	0.130%
74	4.823	4.811	4.842	HH	618958	8616660	6.87%	0.077%
75	4.888	4.842	4.931	HH	873877	26810711	21.38%	0.240%
76	4.954	4.931	4.964	HH	730481	10502965	8.37%	0.094%
77	4.980	4.964	4.992	HH	1190554	15396015	12.28%	0.138%
78	5.003	4.992	5.022	HH	926514	15252543	12.16%	0.137%
79	5.026	5.022	5.044	HH	849651	8923068	7.11%	0.080%
80	5.064	5.044	5.067	HH	750871	8226286	6.56%	0.074%
81	5.071	5.067	5.086	HH	751727	7621563	6.08%	0.068%
82	5.106	5.086	5.118	HH	790046	13455938	10.73%	0.121%
83	5.122	5.118	5.134	HH	743865	6900992	5.50%	0.062%
84	5.162	5.134	5.175	HH	886682	18581692	14.82%	0.167%
85	5.192	5.175	5.208	HH	1273300	20373662	16.24%	0.183%
86	5.223	5.208	5.248	HH	1222609	25255699	20.14%	0.227%
87	5.254	5.248	5.266	HH	813760	8150520	6.50%	0.073%
88	5.282	5.266	5.297	HH	880030	14173772	11.30%	0.127%
89	5.332	5.297	5.352	HH	2495138	48472889	38.65%	0.435%

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					retention			
90	5.379	5.352	5.393	HH	1199261	24800778	19.77%	0.222%
91	5.398	5.393	5.412	HH	887900	9024005		
92	5.428	5.412	5.443	HH	1007610	15757540	12.10%	0.204%
93	5.458	5.443	5.464	HH	950400	11317214	9.00%	0.137%
94	5.492	5.464	5.513	HH	3328408	54873215	43.23%	0.279%
95	5.535	5.513	5.548	HH	1133253	22604294	18.02%	0.149%
96	5.561	5.548	5.576	HH	1256846	17818059	14.21%	0.160%
97	5.597	5.576	5.616	HH	1886667	34030187	27.13%	0.305%
98	5.622	5.616	5.641	HH	1268285	15290438	12.19%	0.137%
99	5.663	5.641	5.688	HH	1381773	31066257	24.77%	0.279%
100	5.704	5.688	5.710	HH	1441258	16566701	13.21%	0.149%
101	5.720	5.710	5.743	HH	1577487	22703567	18.10%	0.204%
102	5.768	5.743	5.784	HH	1835141	29061735	23.17%	0.261%
103	5.816	5.784	5.835	HH	2118324	43750889	34.88%	0.392%
104	5.846	5.835	5.858	HH	1274800	16287052	12.99%	0.146%
105	5.868	5.858	5.880	HH	1161472	15076773	12.02%	0.135%
106	5.908	5.880	5.925	HH	1536084	34988508	27.90%	0.314%
107	5.958	5.925	5.975	HH	1652719	39901037	31.82%	0.358%
108	5.994	5.975	6.016	HH	1886859	35260592	28.12%	0.316%
109	6.048	6.016	6.077	HH	1959493	55468390	44.23%	0.498%
110	6.098	6.077	6.118	HH	2240491	43363638	34.58%	0.389%
111	6.132	6.118	6.156	HH	1538168	32516462	25.93%	0.292%
112	6.182	6.156	6.202	HH	2470341	53419102	42.59%	0.479%
113	6.225	6.202	6.241	HH	2386199	47506764	37.88%	0.426%
114	6.252	6.241	6.290	HH	1954325	49500714	39.47%	0.444%
115	6.316	6.290	6.327	HH	1886480	36525587	29.12%	0.328%
116	6.333	6.327	6.348	HH	1786435	20594102	16.42%	0.185%
117	6.383	6.348	6.409	HH	1929761	59520666	47.46%	0.534%
118	6.424	6.409	6.435	HH	1990960	26572389	21.19%	0.238%
119	6.460	6.435	6.474	HH	4446522	71994057	57.40%	0.646%
120	6.489	6.474	6.509	HH	3496545	53401441	42.58%	0.479%
121	6.524	6.509	6.536	HH	1929150	27008405	21.54%	0.242%
122	6.581	6.536	6.600	HH	2145660	73178612	58.35%	0.656%
123	6.624	6.600	6.667	HH	2802994	82383782	65.69%	0.739%
124	6.687	6.667	6.729	HH	2277846	65965014	52.60%	0.592%
125	6.759	6.729	6.779	HH	2352967	56632195	45.16%	0.508%
126	6.804	6.779	6.813	HH	2351375	42339511	33.76%	0.380%
127	6.825	6.813	6.841	HH	2551661	37845684	30.18%	0.339%
128	6.859	6.841	6.889	HH	2590819	61493964	49.03%	0.552%
129	6.913	6.889	6.931	HH	2442813	51634383	41.17%	0.463%
130	6.941	6.931	6.980	HH	1998963	52203256	41.62%	0.468%
131	7.019	6.980	7.046	HH	6020229	125415221	100.00%	1.125%
132	7.065	7.046	7.086	HH	2430605	50931550	40.61%	0.457%
133	7.108	7.086	7.126	HH	2795523	53226444	42.44%	0.477%
134	7.137	7.126	7.160	HH	1968946	38717404	30.87%	0.347%
135	7.198	7.160	7.222	HH	2768199	83544350	66.61%	0.749%
136	7.229	7.222	7.251	HH	2052593	33862547	27.00%	0.304%
137	7.271	7.251	7.287	HH	2370921	46486207	37.07%	0.417%
138	7.297	7.287	7.307	HH	2091249	24554972	19.58%	0.220%
139	7.316	7.307	7.337	HH	2258757	37832271	30.17%	0.339%
140	7.358	7.337	7.374	HH	2243357	47733769	38.06%	0.428%
141	7.403	7.374	7.429	HH	3768523	86824036	69.23%	0.779%

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142	7.445	7.429	7.467	HH	2246597	43890159	35.00%	0.394%
143	7.488	7.467	7.500	HH	2022987	35184363	28.00%	0.394%
144	7.516	7.500	7.528	HH	2262635	34568777	27.00%	0.394%
145	7.556	7.528	7.562	HH	2508861	47693919	38.00%	0.394%
146	7.564	7.562	7.580	HH	2498793	23066280	18.00%	0.524%
147	7.589	7.580	7.621	HH	1920996	44760762	35.00%	0.446%
148	7.654	7.621	7.672	HH	2406054	58377833	46.55%	0.524%
149	7.689	7.672	7.716	HH	2038140	49743022	39.66%	0.446%
150	7.738	7.716	7.755	HH	1841394	41779270	33.31%	0.375%
151	7.794	7.755	7.810	HH	2293696	67509289	53.83%	0.605%
152	7.832	7.810	7.874	HH	2861869	81015778	64.60%	0.727%
153	7.893	7.874	7.897	HH	1974719	25256541	20.14%	0.227%
154	7.930	7.897	7.948	HH	5188944	96048577	76.58%	0.861%
155	7.968	7.948	7.992	HH	2504329	54497844	43.45%	0.489%
156	8.010	7.992	8.026	HH	2076308	38255058	30.50%	0.343%
157	8.043	8.026	8.056	HH	1931594	32955726	26.28%	0.296%
158	8.074	8.056	8.085	HH	2149841	35768403	28.52%	0.321%
159	8.097	8.085	8.114	HH	2244110	36855009	29.39%	0.331%
160	8.145	8.114	8.161	HH	2454232	59201730	47.20%	0.531%
161	8.192	8.161	8.205	HH	2106995	49191151	39.22%	0.441%
162	8.213	8.205	8.227	HH	1924829	24541510	19.57%	0.220%
163	8.259	8.227	8.297	HH	3037571	95849785	76.43%	0.860%
164	8.309	8.297	8.327	HH	2095169	34574905	27.57%	0.310%
165	8.339	8.327	8.353	HH	1985573	29165524	23.26%	0.262%
166	8.378	8.353	8.407	HH	1951685	57467001	45.82%	0.515%
167	8.422	8.407	8.430	HH	1610465	20929220	16.69%	0.188%
168	8.451	8.430	8.464	HH	2025468	36724740	29.28%	0.329%
169	8.479	8.464	8.497	HH	2098213	37941491	30.25%	0.340%
170	8.510	8.497	8.525	HH	1711249	26476051	21.11%	0.237%
171	8.549	8.525	8.572	HH	2844957	57456757	45.81%	0.515%
172	8.638	8.572	8.656	HH	4127652	122242823	97.47%	1.096%
173	8.665	8.656	8.683	HH	1609979	24826172	19.80%	0.223%
174	8.705	8.683	8.721	HH	1896931	37928366	30.24%	0.340%
175	8.738	8.721	8.758	HH	1793877	36527154	29.12%	0.328%
176	8.771	8.758	8.790	HH	1884377	33459770	26.68%	0.300%
177	8.807	8.790	8.817	HH	1589421	23756316	18.94%	0.213%
178	8.839	8.817	8.845	HH	1692831	27809110	22.17%	0.249%
179	8.853	8.845	8.867	HH	1729186	22218514	17.72%	0.199%
180	8.878	8.867	8.885	HH	1606411	17284623	13.78%	0.155%
181	8.894	8.885	8.911	HH	1615194	23531692	18.76%	0.211%
182	8.945	8.911	8.965	HH	1719226	50116974	39.96%	0.450%
183	8.991	8.965	9.018	HH	1698526	45932578	36.62%	0.412%
184	9.040	9.018	9.045	HH	1436554	22395415	17.86%	0.201%
185	9.058	9.045	9.076	HH	1556556	26086380	20.80%	0.234%
186	9.109	9.076	9.120	HH	1431224	34020310	27.13%	0.305%
187	9.135	9.120	9.156	HH	1437576	29726966	23.70%	0.267%
188	9.191	9.156	9.200	HH	1554657	37139071	29.61%	0.333%
189	9.207	9.200	9.225	HH	1558086	22034132	17.57%	0.198%
190	9.233	9.225	9.248	HH	1302332	17408961	13.88%	0.156%
191	9.272	9.248	9.281	HH	1589831	28554603	22.77%	0.256%
192	9.297	9.281	9.324	HH	1994712	39807233	31.74%	0.357%
193	9.352	9.324	9.409	HH	1839742	72156493	57.53%	0.647%
194	9.437	9.409	9.483	HH	1496937	57861019	46.14%	0.519%

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	Area	Area	Area	Height	Area	Area	Area	Area
195	9.517	9.483	9.541	HH	1248734	40328955	32.16%	0.362%
196	9.558	9.541	9.568	HH	1151222	18754094	14.73%	0.121%
197	9.587	9.568	9.605	HH	1285083	26443377	21.40%	0.241%
198	9.635	9.605	9.660	HH	1385437	42018024	33.04%	0.185%
199	9.679	9.660	9.707	HH	1544540	36741089	29.70%	0.210%
200	9.715	9.707	9.723	HH	1206816	11674161	9.32%	0.105%
201	9.731	9.723	9.742	HH	1205280	13451528	10.73%	0.121%
202	9.758	9.742	9.770	HH	1237483	20208970	16.11%	0.181%
203	9.780	9.770	9.800	HH	1260772	22034438	17.57%	0.198%
204	9.803	9.800	9.818	HH	1132674	11686348	9.32%	0.105%
205	9.849	9.818	9.876	HH	1231905	40071185	31.95%	0.359%
206	9.884	9.876	9.895	HH	1158337	13732641	10.95%	0.123%
207	9.909	9.895	9.934	HH	1220810	26838542	21.40%	0.241%
208	9.947	9.934	9.964	HH	1166764	20623043	16.44%	0.185%
209	9.984	9.964	9.997	HH	1189608	23450020	18.70%	0.210%
210	10.012	9.997	10.036	HH	1213279	27336240	21.80%	0.245%
211	10.068	10.036	10.095	HH	1795385	51787424	41.29%	0.464%
212	10.121	10.095	10.127	HH	1346873	25088310	20.00%	0.225%
213	10.143	10.127	10.175	HH	1410043	38191664	30.45%	0.343%
214	10.211	10.175	10.237	HH	1392294	47681414	38.02%	0.428%
215	10.256	10.237	10.288	HH	1304358	37920066	30.24%	0.340%
216	10.322	10.288	10.334	HH	1342246	36202508	28.87%	0.325%
217	10.348	10.334	10.370	HH	1356477	27861787	22.22%	0.250%
218	10.395	10.370	10.407	HH	1326061	28141424	22.44%	0.252%
219	10.436	10.407	10.449	HH	1411867	34465855	27.48%	0.309%
220	10.493	10.449	10.514	HH	2164623	64194988	51.19%	0.576%
221	10.538	10.514	10.590	HH	1470762	62377532	49.74%	0.559%
222	10.615	10.590	10.630	HH	1429122	32736755	26.10%	0.294%
223	10.652	10.630	10.671	HH	1437123	33445608	26.67%	0.300%
224	10.689	10.671	10.712	HH	1435165	34566728	27.56%	0.310%
225	10.732	10.712	10.737	HH	1455813	20976364	16.73%	0.188%
226	10.742	10.737	10.752	HH	1449485	12872531	10.26%	0.115%
227	10.759	10.752	10.765	HH	1412733	11139688	8.88%	0.100%
228	10.788	10.765	10.800	HH	1438936	29338439	23.39%	0.263%
229	10.820	10.800	10.862	HH	1492560	52887762	42.17%	0.474%
230	10.898	10.862	10.931	HH	1560416	60941026	48.59%	0.547%
231	10.950	10.931	10.959	HH	1551261	25237454	20.12%	0.226%
232	10.973	10.959	10.997	HH	1564554	35137351	28.02%	0.315%
233	11.006	10.997	11.012	HH	1502171	13425823	10.71%	0.120%
234	11.014	11.012	11.028	HH	1504750	13682489	10.91%	0.123%
235	11.044	11.028	11.054	HH	1548532	23721352	18.91%	0.213%
236	11.089	11.054	11.101	HH	1575839	44086172	35.15%	0.395%
237	11.120	11.101	11.160	HH	1742609	56516252	45.06%	0.507%
238	11.169	11.160	11.178	HH	1521251	15949843	12.72%	0.143%
239	11.214	11.178	11.236	HH	1926727	59062124	47.09%	0.530%
240	11.253	11.236	11.267	HH	1538106	28063769	22.38%	0.252%
241	11.272	11.267	11.302	HH	1537648	31321256	24.97%	0.281%
242	11.325	11.302	11.337	HH	1553078	31283640	24.94%	0.281%
243	11.349	11.337	11.369	HH	1541038	28963863	23.09%	0.260%
244	11.403	11.369	11.410	HH	1600569	37727132	30.08%	0.338%
245	11.420	11.410	11.447	HH	1619732	34898977	27.83%	0.313%
246	11.489	11.447	11.504	HH	1635703	53836414	42.93%	0.483%

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247	11.509	11.504	11.535	HH	1607289	29245904	23.32%	0.262%
248	11.555	11.535	11.569	HH	1704905	32774090	26.01%	0.279%
249	11.583	11.569	11.599	HH	1660341	28519153	22.43%	0.271%
250	11.616	11.599	11.654	HH	1688037	54307779	43.60%	0.288%
251	11.672	11.654	11.686	HH	1633861	30004974	23.93%	0.314%
252	11.696	11.686	11.712	HH	1583660	24901015	19.43%	0.489%
253	11.733	11.712	11.748	HH	1694695	35028990	27.93%	0.314%
254	11.770	11.748	11.802	HH	1856266	54472263	43.43%	0.489%
255	11.812	11.802	11.837	HH	1567315	32110467	25.60%	0.288%
256	11.877	11.837	11.900	HH	1751579	60210623	48.01%	0.540%
257	11.906	11.900	11.933	HH	1591143	31142436	24.83%	0.279%
258	11.940	11.933	11.964	HH	1533629	27438794	21.88%	0.246%
259	11.989	11.964	11.997	HH	1554647	30220864	24.10%	0.271%
260	12.011	11.997	12.028	HH	1564683	28744409	22.92%	0.258%
261	12.048	12.028	12.067	HH	1627483	36699673	29.26%	0.329%
262	12.089	12.067	12.129	HH	1577411	56712794	45.22%	0.509%
263	12.144	12.129	12.164	HH	1606509	32914968	26.24%	0.295%
264	12.181	12.164	12.201	HH	1625213	34679076	27.65%	0.311%
265	12.206	12.201	12.245	HH	1510424	38605722	30.78%	0.346%
266	12.274	12.245	12.310	HH	1568706	57662022	45.98%	0.517%
267	12.347	12.310	12.363	HH	1527079	45595643	36.36%	0.409%
268	12.367	12.363	12.402	HH	1479851	34121281	27.21%	0.306%
269	12.427	12.402	12.454	HH	1694021	46045457	36.71%	0.413%
270	12.472	12.454	12.479	HH	1394982	20508545	16.35%	0.184%
271	12.501	12.479	12.505	HH	1545568	23109460	18.43%	0.207%
272	12.510	12.505	12.562	HH	1544416	48397100	38.59%	0.434%
273	12.572	12.562	12.592	HH	1345794	23677806	18.88%	0.212%
274	12.607	12.592	12.637	HH	1317480	34716950	27.68%	0.311%
275	12.650	12.637	12.670	HH	1302625	25748705	20.53%	0.231%
276	12.682	12.670	12.732	HH	1339899	47180184	37.62%	0.423%
277	12.745	12.732	12.776	HH	1289945	32749349	26.11%	0.294%
278	12.783	12.776	12.798	HH	1273597	17146412	13.67%	0.154%
279	12.811	12.798	12.828	HH	1305118	22650161	18.06%	0.203%
280	12.842	12.828	12.864	HH	1265256	27116087	21.62%	0.243%
281	12.874	12.864	12.895	HH	1248361	22561175	17.99%	0.202%
282	12.918	12.895	12.947	HH	1309185	39093409	31.17%	0.351%
283	12.955	12.947	12.977	HH	1252332	22555447	17.98%	0.202%
284	12.984	12.977	12.990	HH	1204786	9102643	7.26%	0.082%
285	13.000	12.990	13.019	HH	1193232	20197638	16.10%	0.181%
286	13.038	13.019	13.049	HH	1189973	20810576	16.59%	0.187%
287	13.072	13.049	13.106	HH	1269718	41703536	33.25%	0.374%
288	13.112	13.106	13.150	HH	1189750	30428412	24.26%	0.273%
289	13.160	13.150	13.165	HH	1142226	10166136	8.11%	0.091%
290	13.173	13.165	13.182	HH	1156249	11163147	8.90%	0.100%
291	13.196	13.182	13.224	HH	1161873	28678807	22.87%	0.257%
292	13.246	13.224	13.277	HH	1272084	37494652	29.90%	0.336%
293	13.286	13.277	13.290	HH	1139098	8924890	7.12%	0.080%
294	13.296	13.290	13.323	HH	1146483	22083527	17.61%	0.198%
295	13.333	13.323	13.345	HH	1136057	14875298	11.86%	0.133%
296	13.351	13.345	13.379	HH	1127980	22515042	17.95%	0.202%
297	13.384	13.379	13.387	HH	1056282	5155257	4.11%	0.046%
298	13.395	13.387	13.401	HH	1066136	9100771	7.26%	0.082%
299	13.410	13.401	13.415	HH	1073535	8914962	7.11%	0.080%

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300	13.418	13.415	13.425	HH	1068268	6160704	4.91%	0.055%
301	13.443	13.425	13.455	HH	1082398	19062473	15.81%	0.055%
302	13.467	13.455	13.490	HH	1109187	22945849	18.71%	0.055%
303	13.500	13.490	13.505	HH	1054978	8975788	7.71%	0.055%
304	13.519	13.505	13.547	HH	1103776	26999450	21.81%	0.055%
305	13.553	13.547	13.576	HH	1043746	18047919	14.91%	0.055%
306	13.612	13.576	13.633	HH	1254234	37611445	29.99%	0.337%
307	13.642	13.633	13.674	HH	1033611	24846449	19.81%	0.223%
308	13.686	13.674	13.709	HH	1024826	20917005	16.68%	0.188%
309	13.721	13.709	13.736	HH	987058	15731429	12.54%	0.141%
310	13.751	13.736	13.784	HH	1020128	28302190	22.57%	0.254%
311	13.790	13.784	13.803	HH	964090	11034288	8.80%	0.099%
312	13.845	13.803	13.868	HH	1041562	38662393	30.83%	0.347%
313	13.884	13.868	13.891	HH	955995	12925595	10.31%	0.116%
314	13.901	13.891	13.910	HH	965300	11132101	8.88%	0.100%
315	13.919	13.910	13.943	HH	967108	18272967	14.57%	0.164%
316	13.959	13.943	13.964	HH	921957	11841509	9.44%	0.106%
317	13.979	13.964	13.985	HH	958413	11662322	9.30%	0.105%
318	13.990	13.985	14.039	HH	950949	29647031	23.64%	0.266%
319	14.062	14.039	14.081	HH	914737	22540285	17.97%	0.202%
320	14.085	14.081	14.099	HH	895709	9609121	7.66%	0.086%
321	14.116	14.099	14.149	HH	935538	26636486	21.24%	0.239%
322	14.164	14.149	14.180	HH	870646	16301142	13.00%	0.146%
323	14.186	14.180	14.215	HH	869340	18030048	14.38%	0.162%
324	14.234	14.215	14.262	HH	885421	24281151	19.36%	0.218%
325	14.291	14.262	14.324	HH	922452	32734630	26.10%	0.294%
326	14.329	14.324	14.354	HH	855244	15524646	12.38%	0.139%
327	14.373	14.354	14.377	HH	823430	11155649	8.89%	0.100%
328	14.380	14.377	14.395	HH	825579	8733318	6.96%	0.078%
329	14.416	14.395	14.443	HH	852801	23633345	18.84%	0.212%
330	14.459	14.443	14.478	HH	830699	17362785	13.84%	0.156%
331	14.502	14.478	14.540	HH	944030	30886338	24.63%	0.277%
332	14.546	14.540	14.567	HH	773590	12276276	9.79%	0.110%
333	14.590	14.567	14.607	HH	784118	18679902	14.89%	0.168%
334	14.610	14.607	14.614	HH	779798	3322319	2.65%	0.030%
335	14.618	14.614	14.657	HH	773870	19179335	15.29%	0.172%
336	14.706	14.657	14.740	HH	940537	39544396	31.53%	0.355%
337	14.748	14.740	14.771	HH	756737	13676584	10.91%	0.123%
338	14.789	14.771	14.813	HH	737612	18299345	14.59%	0.164%
339	14.840	14.813	14.883	HH	777098	30780455	24.54%	0.276%
340	14.901	14.883	14.922	HH	702713	15968799	12.73%	0.143%
341	14.942	14.922	14.947	HH	711251	10356406	8.26%	0.093%
342	14.952	14.947	14.957	HH	711506	4261620	3.40%	0.038%
343	14.961	14.957	14.984	HH	710082	11058837	8.82%	0.099%
344	14.995	14.984	15.017	HH	683210	13270001	10.58%	0.119%
345	15.025	15.017	15.050	HH	677468	13583112	10.83%	0.122%
346	15.058	15.050	15.076	HH	665876	10214458	8.14%	0.092%
347	15.117	15.076	15.125	HH	693421	19779444	15.77%	0.177%
348	15.128	15.125	15.145	HH	686161	7781072	6.20%	0.070%
349	15.151	15.145	15.154	HH	667935	3907376	3.12%	0.035%
350	15.157	15.154	15.185	HH	668479	12137995	9.68%	0.109%
351	15.188	15.185	15.195	HH	644979	3828448	3.05%	0.034%

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				rteres			
352	15.202	15.195	15.208	HH	646103	4873394	3.89% 0.044%
353	15.239	15.208	15.300	HH	707430	36921426	29.04% 0.044%
354	15.317	15.300	15.338	HH	663147	14489497	11.11% 0.044%
355	15.357	15.338	15.384	HH	640519	17182032	13.89% 0.044%
356	15.388	15.384	15.400	HH	607581	5716693	4.44% 0.134%
357	15.442	15.400	15.459	HH	630809	21590050	17.17% 0.134%
358	15.476	15.459	15.499	HH	629189	14935507	11.91% 0.134%
359	15.528	15.499	15.577	HH	656670	28896338	23.04% 0.259%
360	15.582	15.577	15.591	HH	599961	5029216	4.01% 0.045%
361	15.595	15.591	15.610	HH	595423	6840181	5.45% 0.061%
362	15.620	15.610	15.642	HH	594599	11254534	8.97% 0.101%
363	15.655	15.642	15.661	HH	587895	6729703	5.37% 0.060%
364	15.674	15.661	15.694	HH	595468	11412619	9.10% 0.102%
365	15.721	15.694	15.754	HH	783942	23810767	18.99% 0.214%
366	15.761	15.754	15.786	HH	605481	11291552	9.00% 0.101%
367	15.806	15.786	15.819	HH	579195	11271920	8.99% 0.101%
368	15.825	15.819	15.839	HH	568289	6798442	5.42% 0.061%
369	15.851	15.839	15.869	HH	569128	10132029	8.08% 0.091%
370	15.918	15.869	15.945	HH	630032	27180400	21.67% 0.244%
371	15.951	15.945	15.977	HH	591573	11383122	9.08% 0.102%
372	16.019	15.977	16.024	HH	624600	16768668	13.37% 0.150%
373	16.027	16.024	16.065	HH	624765	15085505	12.03% 0.135%
374	16.085	16.065	16.108	HH	602286	15041359	11.99% 0.135%
375	16.114	16.108	16.118	HH	586883	3581399	2.86% 0.032%
376	16.123	16.118	16.136	HH	588670	6025021	4.80% 0.054%
377	16.156	16.136	16.183	HH	581689	16225994	12.94% 0.146%
378	16.199	16.183	16.234	HH	577448	17022384	13.57% 0.153%
379	16.245	16.234	16.266	HH	565964	10828719	8.63% 0.097%
380	16.287	16.266	16.299	HH	576607	11069321	8.83% 0.099%
381	16.319	16.299	16.326	HH	573907	9176398	7.32% 0.082%
382	16.328	16.326	16.336	HH	572535	3651299	2.91% 0.033%
383	16.347	16.336	16.355	HH	585146	6349299	5.06% 0.057%
384	16.362	16.355	16.368	HH	579116	4392652	3.50% 0.039%
385	16.374	16.368	16.382	HH	585337	5109556	4.07% 0.046%
386	16.387	16.382	16.391	HH	585716	2970295	2.37% 0.027%
387	16.405	16.391	16.413	HH	606891	7892162	6.29% 0.071%
388	16.419	16.413	16.426	HH	602030	4493966	3.58% 0.040%
389	16.430	16.426	16.447	HH	601252	7651062	6.10% 0.069%
390	16.461	16.447	16.487	HH	595222	13724391	10.94% 0.123%
391	16.522	16.487	16.565	HH	606087	27391508	21.84% 0.246%
392	16.588	16.565	16.620	HH	581024	18619173	14.85% 0.167%
393	16.668	16.620	16.711	HH	777771	34889727	27.82% 0.313%
394	16.716	16.711	16.736	HH	587717	8551307	6.82% 0.077%
395	16.757	16.736	16.764	HH	584632	9394591	7.49% 0.084%
396	16.776	16.764	16.788	HH	594324	8451115	6.74% 0.076%
397	16.791	16.788	16.810	HH	580240	7538010	6.01% 0.068%
398	16.827	16.810	16.846	HH	598906	12721694	10.14% 0.114%
399	16.901	16.846	16.949	HH	682623	37212146	29.67% 0.334%
400	16.980	16.949	17.001	HH	618563	18938203	15.10% 0.170%
401	17.007	17.001	17.030	HH	617051	10456101	8.34% 0.094%
402	17.049	17.030	17.055	HH	610275	8751457	6.98% 0.078%
403	17.077	17.055	17.122	HH	639333	24102555	19.22% 0.216%
404	17.145	17.122	17.156	HH	586359	11654150	9.29% 0.105%

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405	17.177	17.156	17.195	HH	583384	13591091	10.84%	0.122%
406	17.221	17.195	17.260	HH	624661	22951243	18.60%	0.097%
407	17.266	17.260	17.270	HH	574514	3588138	2.60%	0.000%
408	17.280	17.270	17.295	HH	580139	8637971	6.00%	0.000%
409	17.304	17.295	17.327	HH	583738	10779535	8.00%	0.000%
410	17.334	17.327	17.359	HH	551957	10459557	8.00%	0.000%
411	17.399	17.359	17.416	HH	572460	18973866	15.13%	0.170%
412	17.444	17.416	17.454	HH	578312	12566963	10.02%	0.113%
413	17.482	17.454	17.502	HH	578793	16495568	13.15%	0.148%
414	17.511	17.502	17.520	HH	573790	6213825	4.95%	0.056%
415	17.548	17.520	17.571	HH	761855	19481167	15.53%	0.175%
416	17.586	17.571	17.611	HH	571490	13334829	10.63%	0.120%
417	17.624	17.611	17.644	HH	550695	10790646	8.60%	0.097%
418	17.689	17.644	17.707	HH	743047	23935787	19.09%	0.215%
419	17.718	17.707	17.771	HH	640415	21947564	17.50%	0.197%
420	17.786	17.771	17.806	HH	540676	11313864	9.02%	0.101%
421	17.833	17.806	17.860	HH	559211	17276929	13.78%	0.155%
422	17.894	17.860	17.947	HH	581539	28762661	22.93%	0.258%
423	17.951	17.947	17.973	HH	513799	7736325	6.17%	0.069%
424	18.003	17.973	18.026	HH	550808	16745855	13.35%	0.150%
425	18.054	18.026	18.105	HH	774575	28271518	22.54%	0.254%
426	18.126	18.105	18.158	HH	510700	15814682	12.61%	0.142%
427	18.170	18.158	18.188	HH	509422	8919544	7.11%	0.080%
428	18.211	18.188	18.220	HH	516999	9881106	7.88%	0.089%
429	18.230	18.220	18.236	HH	511887	4726718	3.77%	0.042%
430	18.243	18.236	18.261	HH	508576	7435848	5.93%	0.067%
431	18.270	18.261	18.299	HH	497608	11130624	8.88%	0.100%
432	18.335	18.299	18.344	HH	489601	13123433	10.46%	0.118%
433	18.377	18.344	18.406	HH	648194	20015378	15.96%	0.180%
434	18.421	18.406	18.440	HH	482294	9680241	7.72%	0.087%
435	18.472	18.440	18.495	HH	561331	16799686	13.40%	0.151%
436	18.521	18.495	18.545	HH	551443	15221739	12.14%	0.137%
437	18.556	18.545	18.597	HH	501118	15088331	12.03%	0.135%
438	18.609	18.597	18.614	HH	465893	4475985	3.57%	0.040%
439	18.650	18.614	18.678	HH	493427	18369592	14.65%	0.165%
440	18.684	18.678	18.707	HH	465897	7902559	6.30%	0.071%
441	18.737	18.707	18.751	HH	474657	12517029	9.98%	0.112%
442	18.772	18.751	18.777	HH	483337	7138572	5.69%	0.064%
443	18.799	18.777	18.829	HH	524708	15151539	12.08%	0.136%
444	18.868	18.829	18.893	HH	494704	17693693	14.11%	0.159%
445	18.897	18.893	18.907	HH	449181	3848977	3.07%	0.035%
446	18.915	18.907	18.923	HH	444742	4194059	3.34%	0.038%
447	18.934	18.923	18.937	HH	449616	3884748	3.10%	0.035%
448	18.961	18.937	18.965	HH	463239	7612143	6.07%	0.068%
449	18.974	18.965	18.995	HH	466632	8207144	6.54%	0.074%
450	19.014	18.995	19.031	HH	442145	9277462	7.40%	0.083%
451	19.054	19.031	19.069	HH	445198	10251307	8.17%	0.092%
452	19.074	19.069	19.097	HH	441909	7215677	5.75%	0.065%
453	19.120	19.097	19.127	HH	438012	7766341	6.19%	0.070%
454	19.156	19.127	19.213	HH	609940	26017986	20.75%	0.233%
455	19.217	19.213	19.237	HH	442521	6374800	5.08%	0.057%
456	19.269	19.237	19.328	HH	463872	24039234	19.17%	0.216%

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					rteres			
457	19.334	19.328	19.340	HH	432598	2973808	2.37%	0.027%
458	19.351	19.340	19.356	HH	443081	4210999		
459	19.362	19.356	19.385	HH	443024	7709854		
460	19.394	19.385	19.415	HH	437740	7776951		
461	19.425	19.415	19.440	HH	440149	6332966		
462	19.453	19.440	19.459	HH	434292	4982115		
463	19.465	19.459	19.470	HH	435829	3033752	2.42%	0.027%
464	19.496	19.470	19.518	HH	456903	12817436	10.22%	0.115%
465	19.526	19.518	19.532	HH	440426	3461515	2.76%	0.031%
466	19.570	19.532	19.617	HH	490656	23277004	18.56%	0.209%
467	19.677	19.617	19.720	HH	460601	27099880	21.61%	0.243%
468	19.749	19.720	19.759	HH	436258	10192884	8.13%	0.091%
469	19.792	19.759	19.813	HH	453498	14361942	11.45%	0.129%
470	19.821	19.813	19.824	HH	433216	2819009	2.25%	0.025%
471	19.841	19.824	19.846	HH	445100	5815057	4.64%	0.052%
472	19.852	19.846	19.862	HH	445625	4162269	3.32%	0.037%
473	19.891	19.862	19.923	HH	558967	17746314	14.15%	0.159%
474	19.929	19.923	19.935	HH	441107	3147087	2.51%	0.028%
475	19.947	19.935	19.979	HH	457972	11614825	9.26%	0.104%
476	19.987	19.979	20.008	HH	441528	7537543	6.01%	0.068%
477	20.038	20.008	20.045	HH	441128	9661276	7.70%	0.087%
478	20.057	20.045	20.069	HH	444881	6344961	5.06%	0.057%
479	20.083	20.069	20.089	HH	449607	5462366	4.36%	0.049%
480	20.092	20.089	20.115	HH	449011	6693933	5.34%	0.060%
481	20.135	20.115	20.144	HH	446114	7619886	6.08%	0.068%
482	20.160	20.144	20.197	HH	441134	13680398	10.91%	0.123%
483	20.206	20.197	20.237	HH	436970	10450256	8.33%	0.094%
484	20.243	20.237	20.258	HH	431929	5279903	4.21%	0.047%
485	20.278	20.258	20.286	HH	434268	7262101	5.79%	0.065%
486	20.293	20.286	20.297	HH	428225	2914518	2.32%	0.026%
487	20.324	20.297	20.329	HH	437361	8150192	6.50%	0.073%
488	20.347	20.329	20.410	HH	461842	21522819	17.16%	0.193%
489	20.416	20.410	20.427	HH	427382	4217237	3.36%	0.038%
490	20.458	20.427	20.465	HH	431547	9645757	7.69%	0.087%
491	20.471	20.465	20.521	HH	431993	13889557	11.07%	0.125%
492	20.526	20.521	20.532	HH	397855	2624972	2.09%	0.024%
493	20.539	20.532	20.552	HH	405240	4783349	3.81%	0.043%
494	20.596	20.552	20.633	HH	501062	20855204	16.63%	0.187%
495	20.642	20.633	20.648	HH	389822	3465263	2.76%	0.031%
496	20.658	20.648	20.664	HH	394328	3658521	2.92%	0.033%
497	20.668	20.664	20.677	HH	390240	3132557	2.50%	0.028%
498	20.682	20.677	20.699	HH	387789	4900681	3.91%	0.044%
499	20.706	20.699	20.717	HH	376269	4198521	3.35%	0.038%
500	20.725	20.717	20.736	HH	378877	4096357	3.27%	0.037%
501	20.742	20.736	20.757	HH	374052	4670124	3.72%	0.042%
502	20.763	20.757	20.780	HH	371131	5083600	4.05%	0.046%
503	20.785	20.780	20.804	HH	369219	5274998	4.21%	0.047%
504	20.807	20.804	20.815	HH	366068	2541613	2.03%	0.023%
505	20.818	20.815	20.830	HH	361316	3151262	2.51%	0.028%
506	20.834	20.830	20.839	HH	356279	1831297	1.46%	0.016%
507	20.841	20.839	20.860	HH	356530	4563270	3.64%	0.041%
508	20.870	20.860	20.884	HH	350382	4886147	3.90%	0.044%
509	20.886	20.884	20.917	HH	347691	6960541	5.55%	0.062%

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510	20.922	20.917	20.941	HH	340940	4719230	3.76%	0.042%
511	20.961	20.941	20.977	HH	346950	7493249		
512	20.990	20.977	20.996	HH	343835	3858664		
513	21.000	20.996	21.012	HH	341801	3296386		
514	21.017	21.012	21.027	HH	338897	2988218		
515	21.031	21.027	21.044	HH	338829	3439320		
516	21.054	21.044	21.067	HH	334237	4498550	3.59%	0.040%
517	21.077	21.067	21.105	HH	335826	7673955	6.12%	0.069%
518	21.113	21.105	21.144	HH	328493	7361216	5.87%	0.066%
519	21.151	21.144	21.169	HH	316492	4675526	3.73%	0.042%
520	21.173	21.169	21.194	HH	312095	4625118	3.69%	0.041%
521	21.196	21.194	21.201	HH	305797	1268293	1.01%	0.011%
522	21.218	21.201	21.234	HH	311066	6204096	4.95%	0.056%
523	21.239	21.234	21.243	HH	303934	1561750	1.25%	0.014%
524	21.248	21.243	21.307	HH	305340	11507084	9.18%	0.103%
525	21.323	21.307	21.328	HH	297291	3819547	3.05%	0.034%
526	21.333	21.328	21.341	HH	298618	2292853	1.83%	0.021%
527	21.359	21.341	21.375	HH	297857	5997943	4.78%	0.054%
528	21.380	21.375	21.391	HH	295905	2720892	2.17%	0.024%
529	21.428	21.391	21.515	HH	361682	22987759	18.33%	0.206%
530	21.527	21.515	21.532	HH	275359	2730822	2.18%	0.024%
531	21.535	21.532	21.549	HH	275541	2776020	2.21%	0.025%
532	21.554	21.549	21.584	HH	276350	5721445	4.56%	0.051%
533	21.594	21.584	21.598	HH	269669	2294516	1.83%	0.021%
534	21.604	21.598	21.612	HH	271204	2195551	1.75%	0.020%
535	21.620	21.612	21.631	HH	272317	3101811	2.47%	0.028%
536	21.636	21.631	21.651	HH	269768	3189417	2.54%	0.029%
537	21.656	21.651	21.677	HH	267590	4088763	3.26%	0.037%
538	21.694	21.677	21.707	HH	265710	4796734	3.82%	0.043%
539	21.713	21.707	21.742	HH	262937	5342157	4.26%	0.048%
540	21.755	21.742	21.770	HH	257354	4280883	3.41%	0.038%
541	21.775	21.770	21.791	HH	254551	3197753	2.55%	0.029%
Sum of corrected areas:					11149403703			

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3.76% 0.042%

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