

rteres

Instrument :

FID_F

ClientSampleId :

DB-24-(10-15)-12-29-21

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF01032
Data File : FF009622.D
Signal(s) : FID2B.ch
Acq On : 03 Jan 2022 20:45
Sample : M5330-01
Misc :
ALS Vial : 64 Sample Multiplier: 1

Reviewed By :Yogesh Patel 01/04/2022
Supervised By :Ankita Jodhani 01/04/2022

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	2.157	2.130	2.164	BH	310	1500	0.00%	0.000%
2	2.178	2.164	2.202	PH	1087	7453	0.00%	0.000%
3	2.226	2.202	2.238	PH	117	-635	-0.00%	-0.000%
4	2.243	2.238	2.287	PH	-39	-6692	-0.00%	-0.000%
5	2.300	2.287	2.319	PH	-181	-5885	-0.00%	-0.000%
6	2.331	2.319	2.335	PH	-193	-2342	-0.00%	-0.000%
7	2.353	2.335	2.369	PH	-17	-3196	-0.00%	-0.000%
8	2.381	2.369	2.412	PH	38	-3746	-0.00%	-0.000%
9	2.425	2.412	2.430	PH	189	-270	-0.00%	-0.000%
10	2.449	2.430	2.454	HH	1205	11488	0.01%	0.000%
11	2.465	2.454	2.480	HH	1346	18641	0.01%	0.000%
12	2.495	2.480	2.508	HH	2001	25162	0.02%	0.000%
13	2.518	2.508	2.543	HH	1467	26467	0.02%	0.000%
14	2.547	2.543	2.551	HH	1211	5819	0.00%	0.000%
15	2.563	2.551	2.580	HH	1334	21211	0.01%	0.000%
16	2.595	2.580	2.605	HH	1406	19051	0.01%	0.000%
17	2.642	2.605	2.680	HH	2241	71637	0.04%	0.001%
18	2.684	2.680	2.699	HH	1355	14818	0.01%	0.000%
19	2.733	2.699	2.794	HH	2810	116047	0.07%	0.001%
20	2.810	2.794	2.824	HH	2427	40163	0.02%	0.000%
21	2.836	2.824	2.857	HH	2387	44152	0.03%	0.000%
22	2.869	2.857	2.880	HH	2314	30344	0.02%	0.000%
23	2.887	2.880	2.906	HH	2147	30417	0.02%	0.000%
24	2.933	2.906	2.939	HH	2489	41770	0.03%	0.000%
25	2.946	2.939	2.977	HH	2659	47610	0.03%	0.000%
26	2.994	2.977	3.063	HH	2631	102746	0.06%	0.001%
27	3.067	3.063	3.073	HH	1534	8737	0.01%	0.000%
28	3.083	3.073	3.108	HH	1601	28978	0.02%	0.000%
29	3.123	3.108	3.137	HH	1688	24710	0.02%	0.000%
30	3.148	3.137	3.158	HH	1357	15700	0.01%	0.000%
31	3.185	3.158	3.193	HH	2679	42154	0.03%	0.000%
32	3.197	3.193	3.215	HH	2635	26923	0.02%	0.000%
33	3.220	3.215	3.267	HH	1528	34981	0.02%	0.000%
34	3.276	3.267	3.291	HH	1160	15245	0.01%	0.000%
35	3.302	3.291	3.317	HH	1377	18338	0.01%	0.000%
36	3.326	3.317	3.348	HH	1268	20773	0.01%	0.000%

					retention			
37	3.362	3.348	3.375	HH	1390	19411	0.01%	0.000%
38	3.394	3.375	3.411	HH	1743	32323	0.01%	0.000%
39	3.416	3.411	3.431	HH	1518	15352	0.01%	0.000%
40	3.449	3.431	3.478	HH	2475	44464	0.01%	0.000%
41	3.512	3.478	3.540	HH	1398	41135	0.01%	0.000%
42	3.567	3.540	3.590	HH	2329	55189	0.01%	0.000%
43	3.604	3.590	3.612	HH	1987	22946	0.01%	0.000%
44	3.623	3.612	3.655	HH	2543	46617	0.03%	0.000%
45	3.681	3.655	3.693	HH	2453	44503	0.03%	0.000%
46	3.714	3.693	3.748	HH	7025	97126	0.06%	0.001%
47	3.767	3.748	3.812	HH	2466	68849	0.04%	0.001%
48	3.833	3.812	3.837	HH	1670	19196	0.01%	0.000%
49	3.844	3.837	3.856	HH	1741	18655	0.01%	0.000%
50	3.873	3.856	3.893	HH	3079	50782	0.03%	0.000%
51	3.907	3.893	3.919	HH	2085	28724	0.02%	0.000%
52	3.938	3.919	3.968	HH	3897	80355	0.05%	0.001%
53	3.981	3.968	4.005	HH	3692	63518	0.04%	0.000%
54	4.019	4.005	4.034	HH	3537	49967	0.03%	0.000%
55	4.043	4.034	4.055	HH	2749	32263	0.02%	0.000%
56	4.085	4.055	4.118	HH	4885	112542	0.07%	0.001%
57	4.156	4.118	4.175	HH	4074	83218	0.05%	0.001%
58	4.210	4.175	4.223	HH	4004	79800	0.05%	0.001%
59	4.246	4.223	4.267	HH	4755	86458	0.05%	0.001%
60	4.280	4.267	4.289	HH	2496	29551	0.02%	0.000%
61	4.309	4.289	4.339	HH	4596	102405	0.06%	0.001%
62	4.353	4.339	4.360	HH	2643	30028	0.02%	0.000%
63	4.400	4.360	4.408	HH	4171	99511	0.06%	0.001%
64	4.413	4.408	4.419	HH	4246	28766	0.02%	0.000%
65	4.437	4.419	4.450	HH	6880	100852	0.06%	0.001%
66	4.460	4.450	4.486	HH	5476	98006	0.06%	0.001%
67	4.498	4.486	4.530	HH	4421	104154	0.06%	0.001%
68	4.542	4.530	4.554	HH	4014	53954	0.03%	0.000%
69	4.568	4.554	4.589	HH	4933	82958	0.05%	0.001%
70	4.609	4.589	4.623	HH	4783	82177	0.05%	0.001%
71	4.641	4.623	4.661	HH	10991	155601	0.09%	0.001%
72	4.673	4.661	4.690	HH	5355	83311	0.05%	0.001%
73	4.708	4.690	4.742	HH	7970	169896	0.10%	0.001%
74	4.775	4.742	4.789	HH	5563	124626	0.08%	0.001%
75	4.798	4.789	4.813	HH	4410	56293	0.03%	0.000%
76	4.860	4.813	4.875	HH	9368	217757	0.13%	0.002%
77	4.883	4.875	4.911	HH	5891	109475	0.07%	0.001%
78	4.925	4.911	4.935	HH	5711	74787	0.05%	0.001%
79	4.953	4.935	4.963	HH	17279	194078	0.12%	0.002%
80	4.970	4.963	4.996	HH	13193	185145	0.11%	0.001%
81	5.001	4.996	5.017	HH	7089	73765	0.05%	0.001%
82	5.047	5.017	5.060	HH	8011	160074	0.10%	0.001%
83	5.066	5.060	5.090	HH	7032	112582	0.07%	0.001%
84	5.119	5.090	5.142	HH	9268	231506	0.14%	0.002%
85	5.158	5.142	5.177	HH	17517	246998	0.15%	0.002%
86	5.187	5.177	5.201	HH	9003	116605	0.07%	0.001%
87	5.218	5.201	5.242	HH	7377	166414	0.10%	0.001%
88	5.253	5.242	5.262	HH	6747	72643	0.04%	0.001%
89	5.293	5.262	5.310	HH	18792	323392	0.20%	0.003%

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90	5.325	5.310	5.364	HH	18218	357327	0.22%	0.003%
91	5.395	5.364	5.408	HH	10346	220475		
92	5.415	5.408	5.430	HH	9639	117985		
93	5.452	5.430	5.484	HH	32935	567166		
94	5.500	5.484	5.522	HH	13283	279100		
95	5.530	5.522	5.544	HH	11587	138010		
96	5.557	5.544	5.575	HH	12046	193391	0.12%	0.001%
97	5.586	5.575	5.600	HH	10085	145346	0.09%	0.001%
98	5.624	5.600	5.633	HH	12662	217929	0.13%	0.002%
99	5.648	5.633	5.655	HH	13182	163135	0.10%	0.001%
100	5.665	5.655	5.671	HH	13842	132482	0.08%	0.001%
101	5.681	5.671	5.705	HH	14494	249581	0.15%	0.002%
102	5.731	5.705	5.742	HH	12683	252005	0.15%	0.002%
103	5.778	5.742	5.803	HH	30301	662444	0.40%	0.005%
104	5.819	5.803	5.830	HH	16987	250694	0.15%	0.002%
105	5.836	5.830	5.847	HH	16785	172748	0.11%	0.001%
106	5.862	5.847	5.876	HH	19961	317971	0.19%	0.002%
107	5.909	5.876	5.930	HH	34579	741905	0.45%	0.006%
108	5.957	5.930	5.968	HH	29702	515307	0.31%	0.004%
109	6.000	5.968	6.032	HH	32326	1002374	0.61%	0.008%
110	6.051	6.032	6.070	HH	41309	658437	0.40%	0.005%
111	6.081	6.070	6.103	HH	21692	387103	0.24%	0.003%
112	6.123	6.103	6.134	HH	24564	406164	0.25%	0.003%
113	6.172	6.134	6.183	HH	36976	898370	0.55%	0.007%
114	6.197	6.183	6.213	HH	56102	778048	0.47%	0.006%
115	6.221	6.213	6.244	HH	32479	542673	0.33%	0.004%
116	6.248	6.244	6.261	HH	22615	222293	0.14%	0.002%
117	6.292	6.261	6.314	HH	51649	1037420	0.63%	0.008%
118	6.335	6.314	6.364	HH	58181	1185091	0.72%	0.009%
119	6.377	6.364	6.383	HH	39216	406235	0.25%	0.003%
120	6.398	6.383	6.414	HH	64596	966632	0.59%	0.007%
121	6.433	6.414	6.458	HH	70036	1313231	0.80%	0.010%
122	6.471	6.458	6.479	HH	34816	414026	0.25%	0.003%
123	6.504	6.479	6.530	HH	59453	1426481	0.87%	0.011%
124	6.557	6.530	6.561	HH	57274	882785	0.54%	0.007%
125	6.567	6.561	6.587	HH	57505	827999	0.51%	0.006%
126	6.607	6.587	6.623	HH	76958	1299310	0.79%	0.010%
127	6.640	6.623	6.658	HH	67003	1247272	0.76%	0.010%
128	6.670	6.658	6.683	HH	67288	862090	0.53%	0.007%
129	6.702	6.683	6.719	HH	83286	1363309	0.83%	0.011%
130	6.737	6.719	6.753	HH	91957	1461955	0.89%	0.011%
131	6.768	6.753	6.780	HH	83393	1210749	0.74%	0.009%
132	6.803	6.780	6.826	HH	91933	2048363	1.25%	0.016%
133	6.854	6.826	6.871	HH	91172	1978674	1.21%	0.015%
134	6.894	6.871	6.911	HH	107169	2121780	1.29%	0.016%
135	6.922	6.911	6.931	HH	93945	1080763	0.66%	0.008%
136	6.963	6.931	6.986	HH	143997	3634538	2.22%	0.028%
137	6.998	6.986	7.008	HH	76262	970198	0.59%	0.008%
138	7.049	7.008	7.101	HH	119295	5513030	3.36%	0.043%
139	7.132	7.101	7.147	HH	123830	2869704	1.75%	0.022%
140	7.174	7.147	7.189	HH	138415	3098518	1.89%	0.024%
141	7.205	7.189	7.220	HH	128503	2277026	1.39%	0.018%

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142	7.235	7.220	7.248	HH	147358	2276584	1.39%	0.018%	
143	7.254	7.248	7.265	HH	127721	1207244			
144	7.325	7.265	7.339	HH	175213	6894295			
145	7.343	7.339	7.372	HH	162554	2932808			
146	7.395	7.372	7.402	HH	139884	2362359			
147	7.422	7.402	7.431	HH	205032	3124163			
148	7.454	7.431	7.484	HH	364082	7900457	4.82%	0.061%	
149	7.489	7.484	7.495	HH	173765	1178013	0.72%	0.009%	
150	7.507	7.495	7.524	HH	186827	3065997	1.87%	0.024%	
151	7.542	7.524	7.560	HH	223128	4034027	2.46%	0.031%	
152	7.597	7.560	7.613	HH	292906	7450928	4.55%	0.058%	
153	7.644	7.613	7.667	HH	257337	7560564	4.61%	0.059%	
154	7.699	7.667	7.706	HH	258151	5291455	3.23%	0.041%	
155	7.735	7.706	7.750	HH	316125	7291956	4.45%	0.056%	
156	7.777	7.750	7.797	HH	773610	13456864	8.21%	0.104%	
157	7.804	7.797	7.822	HH	319543	4372119	2.67%	0.034%	
158	7.840	7.822	7.855	HH	371311	6264186	3.82%	0.049%	
159	7.879	7.855	7.894	HH	372657	7473730	4.56%	0.058%	
160	7.919	7.894	7.946	HH	541141	12800791	7.81%	0.099%	
161	7.963	7.946	7.976	HH	403895	6689672	4.08%	0.052%	
162	7.989	7.976	7.995	HH	384857	4385117	2.68%	0.034%	
163	8.005	7.995	8.014	HH	398928	4395984	2.68%	0.034%	
164	8.023	8.014	8.029	HH	385173	3353650	2.05%	0.026%	
165	8.046	8.029	8.065	HH	427259	8873740	5.41%	0.069%	
166	8.071	8.065	8.084	HH	384811	4249173	2.59%	0.033%	
167	8.117	8.084	8.135	HH	456508	12632583	7.71%	0.098%	
168	8.141	8.135	8.156	HH	418619	5267902	3.21%	0.041%	
169	8.201	8.156	8.243	HH	1330100	34977357	21.34%	0.271%	
170	8.247	8.243	8.260	HH	471757	4688891	2.86%	0.036%	
171	8.300	8.260	8.318	HH	795379	21506034	13.12%	0.167%	
172	8.325	8.318	8.347	HH	594294	9479687	5.78%	0.073%	
173	8.352	8.347	8.357	HH	484895	3029613	1.85%	0.023%	
174	8.378	8.357	8.399	HH	602608	13551823	8.27%	0.105%	
175	8.428	8.399	8.452	HH	1119053	25640927	15.65%	0.199%	
176	8.472	8.452	8.478	HH	699964	10301780	6.29%	0.080%	
177	8.501	8.478	8.523	HH	1532084	28736597	17.53%	0.223%	
178	8.539	8.523	8.547	HH	1001231	13046615	7.96%	0.101%	
179	8.565	8.547	8.594	HH	1656874	30597076	18.67%	0.237%	
180	8.605	8.594	8.614	HH	735602	8960696	5.47%	0.069%	
181	8.632	8.614	8.645	HH	762425	13710206	8.37%	0.106%	
182	8.668	8.645	8.683	HH	1136351	20936756	12.78%	0.162%	
183	8.693	8.683	8.708	HH	894990	12639573	7.71%	0.098%	
184	8.730	8.708	8.748	HH	905573	20166382	12.31%	0.156%	
185	8.766	8.748	8.771	HH	927715	11698163	7.14%	0.091%	
186	8.789	8.771	8.812	HH	1287703	25739822	15.71%	0.199%	
187	8.827	8.812	8.841	HH	913617	15520061	9.47%	0.120%	
188	8.848	8.841	8.868	HH	864283	13339515	8.14%	0.103%	
189	8.881	8.868	8.894	HH	858075	12776989	7.80%	0.099%	
190	8.920	8.894	8.935	HH	957438	22499541	13.73%	0.174%	
191	8.953	8.935	8.983	HH	1055473	27336180	16.68%	0.212%	
192	8.998	8.983	9.014	HH	912781	15681631	9.57%	0.122%	
193	9.045	9.014	9.055	HH	930141	22431842	13.69%	0.174%	
194	9.081	9.055	9.105	HH	1198911	31701426	19.34%	0.246%	

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195	9.114	9.105	9.133	HH	1024999	16586058	10.12%	0.129%	
196	9.176	9.133	9.196	HH	1538073	46345496			
197	9.234	9.196	9.241	HH	1364701	33075972			
198	9.264	9.241	9.290	HH	2050658	45612556			
199	9.342	9.290	9.361	HH	1761157	58414288			
200	9.371	9.361	9.386	HH	1296199	18779093			
201	9.402	9.386	9.425	HH	1348401	30332176	18.51%	0.235%	
202	9.438	9.425	9.455	HH	1329411	22727022	13.87%	0.176%	
203	9.467	9.455	9.482	HH	1305041	21071915	12.86%	0.163%	
204	9.487	9.482	9.498	HH	1271249	11904432	7.26%	0.092%	
205	9.531	9.498	9.548	HH	1407568	40335245	24.61%	0.313%	
206	9.556	9.548	9.562	HH	1312582	10760983	6.57%	0.083%	
207	9.564	9.562	9.577	HH	1322513	11784747	7.19%	0.091%	
208	9.615	9.577	9.643	HH	1421981	52945310	32.31%	0.410%	
209	9.668	9.643	9.684	HH	1403338	33821782	20.64%	0.262%	
210	9.749	9.684	9.783	HH	1535820	87181232	53.20%	0.675%	
211	9.842	9.783	9.868	HH	1691502	78940024	48.17%	0.612%	
212	9.876	9.868	9.881	HH	1543367	12295121	7.50%	0.095%	
213	9.913	9.881	9.940	HH	1693957	57709583	35.21%	0.447%	
214	9.978	9.940	9.989	HH	1740228	50203814	30.63%	0.389%	
215	10.010	9.989	10.031	HH	1775433	42807116	26.12%	0.332%	
216	10.049	10.031	10.066	HH	1868802	38173034	23.29%	0.296%	
217	10.085	10.066	10.101	HH	1960862	39758596	24.26%	0.308%	
218	10.137	10.101	10.159	HH	2042349	67202730	41.01%	0.521%	
219	10.175	10.159	10.180	HH	1939559	23951391	14.61%	0.186%	
220	10.202	10.180	10.224	HH	2111304	53086254	32.39%	0.411%	
221	10.239	10.224	10.244	HH	1986182	23286136	14.21%	0.180%	
222	10.269	10.244	10.277	HH	2045454	39824329	24.30%	0.309%	
223	10.294	10.277	10.304	HH	2121819	33374405	20.36%	0.259%	
224	10.308	10.304	10.314	HH	2104091	13077746	7.98%	0.101%	
225	10.318	10.314	10.333	HH	2101942	23624282	14.42%	0.183%	
226	10.342	10.333	10.359	HH	2069049	31245645	19.07%	0.242%	
227	10.384	10.359	10.402	HH	2159057	54655093	33.35%	0.423%	
228	10.420	10.402	10.427	HH	2208683	33162864	20.24%	0.257%	
229	10.438	10.427	10.442	HH	2202408	19072132	11.64%	0.148%	
230	10.486	10.442	10.510	HH	2430941	95779688	58.44%	0.742%	
231	10.514	10.510	10.521	HH	2296415	14309175	8.73%	0.111%	
232	10.535	10.521	10.545	HH	2391444	34664407	21.15%	0.269%	
233	10.568	10.545	10.590	HH	2436405	62748361	38.29%	0.486%	
234	10.611	10.590	10.631	HH	2431284	58960345	35.98%	0.457%	
235	10.656	10.631	10.667	HH	2456538	51619125	31.50%	0.400%	
236	10.678	10.667	10.704	HH	2454452	54343150	33.16%	0.421%	
237	10.737	10.704	10.755	HH	2661416	77080860	47.03%	0.597%	
238	10.783	10.755	10.805	HH	2678927	76648368	46.77%	0.594%	
239	10.829	10.805	10.864	HH	2697053	92489879	56.44%	0.717%	
240	10.901	10.864	10.915	HH	2738770	82104041	50.10%	0.636%	
241	10.924	10.915	10.929	HH	2714604	21511716	13.13%	0.167%	
242	10.954	10.929	10.969	HH	2810271	65912762	40.22%	0.511%	
243	10.976	10.969	10.982	HH	2768078	22053311	13.46%	0.171%	
244	10.991	10.982	11.009	HH	2785167	44102414	26.91%	0.342%	
245	11.013	11.009	11.022	HH	2769555	22361642	13.64%	0.173%	
246	11.033	11.022	11.040	HH	2765073	28487547	17.38%	0.221%	

Instrument :
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Manual IntegrationsAPPROVED

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Instrument : FID_F								
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rteres								
247	11.066	11.040	11.074	HH	2923059	58923285	35.95%	0.457%
248	11.087	11.074	11.111	HH	2987277	65265884	39.14%	0.457%
249	11.115	11.111	11.130	HH	2855539	32218377	19.14%	0.457%
250	11.149	11.130	11.160	HH	2828362	48974142	29.14%	0.457%
251	11.189	11.160	11.208	HH	3094696	86413872	52.14%	0.395%
252	11.216	11.208	11.236	HH	3021568	49358095	30.14%	0.395%
253	11.257	11.236	11.265	HH	2929221	51032259	31.14%	0.395%
254	11.275	11.265	11.292	HH	2943019	46491442	28.37%	0.360%
255	11.300	11.292	11.309	HH	2916661	29058353	17.73%	0.225%
256	11.312	11.309	11.317	HH	2928161	15502568	9.46%	0.120%
257	11.331	11.317	11.342	HH	3009232	43687607	26.66%	0.339%
258	11.355	11.342	11.373	HH	3060607	55471004	33.85%	0.430%
259	11.406	11.373	11.411	HH	3070504	68830961	42.00%	0.533%
260	11.416	11.411	11.421	HH	3066083	17160980	10.47%	0.133%
261	11.431	11.421	11.468	HH	3085723	85189244	51.98%	0.660%
262	11.495	11.468	11.517	HH	3290534	91266785	55.69%	0.707%
263	11.533	11.517	11.552	HH	3156458	64413465	39.30%	0.499%
264	11.571	11.552	11.575	HH	3134261	42689084	26.05%	0.331%
265	11.593	11.575	11.607	HH	3183442	60348033	36.82%	0.468%
266	11.622	11.607	11.644	HH	3308566	70451702	42.99%	0.546%
267	11.652	11.644	11.665	HH	3193317	41045517	25.05%	0.318%
268	11.678	11.665	11.717	HH	3209759	96256910	58.73%	0.746%
269	11.744	11.717	11.763	HH	3598330	92728101	56.58%	0.718%
270	11.787	11.763	11.840	HH	3311669	145132813	88.56%	1.125%
271	11.861	11.840	11.882	HH	3164502	79177142	48.31%	0.613%
272	11.909	11.882	11.921	HH	3242230	73817545	45.04%	0.572%
273	11.935	11.921	11.942	HH	3239100	40992512	25.01%	0.318%
274	11.951	11.942	11.979	HH	3239439	69657777	42.50%	0.540%
275	12.022	11.979	12.035	HH	3246474	104493444	63.76%	0.810%
276	12.054	12.035	12.082	HH	3343488	89951051	54.89%	0.697%
277	12.104	12.082	12.115	HH	3375519	65435952	39.93%	0.507%
278	12.120	12.115	12.148	HH	3339297	61977222	37.82%	0.480%
279	12.163	12.148	12.175	HH	3171013	51730871	31.57%	0.401%
280	12.194	12.175	12.210	HH	3296944	66982853	40.87%	0.519%
281	12.216	12.210	12.247	HH	3233435	68396696	41.73%	0.530%
282	12.282	12.247	12.339	HH	3168625	163884865	100.00%	1.270%
283	12.377	12.339	12.387	HH	3065227	86282808	52.65%	0.669%
284	12.393	12.387	12.426	HH	3051563	69534101	42.43%	0.539%
285	12.431	12.426	12.435	HH	2887696	15652930	9.55%	0.121%
286	12.451	12.435	12.469	HH	2981241	58474999	35.68%	0.453%
287	12.484	12.469	12.498	HH	2962844	51166076	31.22%	0.396%
288	12.503	12.498	12.513	HH	2860931	25674233	15.67%	0.199%
289	12.542	12.513	12.590	HH	3075397	135925495	82.94%	1.053%
290	12.596	12.590	12.607	HH	2795744	27792189	16.96%	0.215%
291	12.617	12.607	12.631	HH	2740704	39373255	24.02%	0.305%
292	12.646	12.631	12.660	HH	2812890	47036572	28.70%	0.364%
293	12.676	12.660	12.684	HH	2753015	40723443	24.85%	0.316%
294	12.696	12.684	12.719	HH	2805691	56845345	34.69%	0.440%
295	12.725	12.719	12.733	HH	2661849	21722730	13.25%	0.168%
296	12.755	12.733	12.783	HH	2744031	79674839	48.62%	0.617%
297	12.792	12.783	12.802	HH	2614016	29347247	17.91%	0.227%
298	12.808	12.802	12.812	HH	2642275	16727107	10.21%	0.130%
299	12.839	12.812	12.872	HH	2705028	94691817	57.78%	0.734%

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rteres									
300	12.890	12.872	12.913	HH	2616612	61755823	37.68%	0.478%	
301	12.916	12.913	12.937	HH	2539477	36225116			
302	12.971	12.937	13.005	HH	2607518	103628364			
303	13.017	13.005	13.033	HH	2576387	43287536			
304	13.051	13.033	13.070	HH	2604759	56295691			
305	13.088	13.070	13.103	HH	2636379	50380115			
306	13.108	13.103	13.140	HH	2572712	56582299	34.53%	0.438%	
307	13.145	13.140	13.155	HH	2454619	20689346	12.62%	0.160%	
308	13.178	13.155	13.185	HH	2492525	45566844	27.80%	0.353%	
309	13.205	13.185	13.233	HH	2593933	70401555	42.96%	0.545%	
310	13.250	13.233	13.289	HH	2455084	80370175	49.04%	0.623%	
311	13.323	13.289	13.328	HH	2454571	56777785	34.64%	0.440%	
312	13.332	13.328	13.375	HH	2455191	68039104	41.52%	0.527%	
313	13.380	13.375	13.394	HH	2348947	26528116	16.19%	0.206%	
314	13.407	13.394	13.433	HH	2345561	53175575	32.45%	0.412%	
315	13.437	13.433	13.449	HH	2311352	22575564	13.78%	0.175%	
316	13.466	13.449	13.495	HH	2326293	61630287	37.61%	0.478%	
317	13.509	13.495	13.517	HH	2285170	30157296	18.40%	0.234%	
318	13.534	13.517	13.553	HH	2296865	48879182	29.83%	0.379%	
319	13.565	13.553	13.572	HH	2276806	25728650	15.70%	0.199%	
320	13.576	13.572	13.588	HH	2258576	21142944	12.90%	0.164%	
321	13.597	13.588	13.603	HH	2222147	19937077	12.17%	0.154%	
322	13.625	13.603	13.653	HH	2337517	67707722	41.31%	0.525%	
323	13.672	13.653	13.709	HH	2308574	74623518	45.53%	0.578%	
324	13.714	13.709	13.732	HH	2163764	29738166	18.15%	0.230%	
325	13.766	13.732	13.791	HH	2179972	76108816	46.44%	0.590%	
326	13.798	13.791	13.802	HH	2118887	13663759	8.34%	0.106%	
327	13.831	13.802	13.877	HH	2186065	95237305	58.11%	0.738%	
328	13.895	13.877	13.913	HH	2118832	44846750	27.36%	0.347%	
329	13.924	13.913	13.943	HH	2051896	36133711	22.05%	0.280%	
330	13.948	13.943	13.959	HH	2029665	18968887	11.57%	0.147%	
331	13.977	13.959	13.982	HH	1997121	27526127	16.80%	0.213%	
332	13.989	13.982	13.994	HH	2017591	14158240	8.64%	0.110%	
333	13.998	13.994	14.013	HH	2013161	23555251	14.37%	0.183%	
334	14.017	14.013	14.027	HH	2006988	16356001	9.98%	0.127%	
335	14.035	14.027	14.054	HH	1978196	31232479	19.06%	0.242%	
336	14.082	14.054	14.101	HH	1978968	55627246	33.94%	0.431%	
337	14.125	14.101	14.161	HH	2063828	70266566	42.88%	0.544%	
338	14.166	14.161	14.175	HH	1861857	14760539	9.01%	0.114%	
339	14.197	14.175	14.209	HH	1887877	38198484	23.31%	0.296%	
340	14.212	14.209	14.220	HH	1873455	12707977	7.75%	0.098%	
341	14.242	14.220	14.276	HH	1963455	63638992	38.83%	0.493%	
342	14.292	14.276	14.317	HH	1888351	45557816	27.80%	0.353%	
343	14.321	14.317	14.325	HH	1818175	9067368	5.53%	0.070%	
344	14.344	14.325	14.364	HH	1824147	41513894	25.33%	0.322%	
345	14.373	14.364	14.396	HH	1792412	34201050	20.87%	0.265%	
346	14.425	14.396	14.464	HH	1867345	72832008	44.44%	0.564%	
347	14.470	14.464	14.476	HH	1742337	12412597	7.57%	0.096%	
348	14.509	14.476	14.535	HH	1924701	63924067	39.01%	0.495%	
349	14.539	14.535	14.545	HH	1695587	10070403	6.14%	0.078%	
350	14.554	14.545	14.564	HH	1696103	18565701	11.33%	0.144%	
351	14.569	14.564	14.576	HH	1690668	11953568	7.29%	0.093%	

rteres									
352	14.580	14.576	14.585	HH	1686173	9663921	5.90%	0.075%	
353	14.598	14.585	14.620	HH	1703122	35610743	21.11%	0.122%	
354	14.623	14.620	14.640	HH	1673412	19044026	11.11%	0.122%	
355	14.646	14.640	14.662	HH	1636250	22002762	13.11%	0.122%	
356	14.669	14.662	14.690	HH	1606843	26848573	16.11%	0.122%	
357	14.700	14.690	14.705	HH	1639119	14732298	8.11%	0.122%	
358	14.727	14.705	14.743	HH	1658172	36798614	22.45%	0.285%	
359	14.748	14.743	14.753	HH	1609387	9611491	5.86%	0.074%	
360	14.760	14.753	14.771	HH	1614318	17288465	10.55%	0.134%	
361	14.776	14.771	14.792	HH	1578755	19479755	11.89%	0.151%	
362	14.797	14.792	14.809	HH	1533464	15770149	9.62%	0.122%	
363	14.846	14.809	14.895	HH	1653352	80549890	49.15%	0.624%	
364	14.899	14.895	14.903	HH	1489651	6666762	4.07%	0.052%	
365	14.917	14.903	14.934	HH	1501936	28087272	17.14%	0.218%	
366	14.944	14.934	14.948	HH	1480312	12229334	7.46%	0.095%	
367	14.955	14.948	14.973	HH	1480691	21624330	13.19%	0.168%	
368	14.980	14.973	15.002	HH	1492194	25557779	15.59%	0.198%	
369	15.015	15.002	15.053	HH	1471005	44129625	26.93%	0.342%	
370	15.056	15.053	15.065	HH	1429789	9925782	6.06%	0.077%	
371	15.082	15.065	15.092	HH	1438477	23164451	14.13%	0.179%	
372	15.101	15.092	15.122	HH	1454518	26089491	15.92%	0.202%	
373	15.138	15.122	15.159	HH	1456998	31470798	19.20%	0.244%	
374	15.176	15.159	15.181	HH	1416285	19005756	11.60%	0.147%	
375	15.187	15.181	15.206	HH	1420614	21094234	12.87%	0.163%	
376	15.217	15.206	15.235	HH	1390101	23930116	14.60%	0.185%	
377	15.241	15.235	15.251	HH	1378672	12819729	7.82%	0.099%	
378	15.259	15.251	15.283	HH	1375533	25922507	15.82%	0.201%	
379	15.304	15.283	15.328	HH	1375850	35893916	21.90%	0.278%	
380	15.351	15.328	15.382	HH	1431439	44280309	27.02%	0.343%	
381	15.392	15.382	15.418	HH	1320144	28247650	17.24%	0.219%	
382	15.444	15.418	15.466	HH	1357112	37652922	22.98%	0.292%	
383	15.476	15.466	15.480	HH	1331798	11256188	6.87%	0.087%	
384	15.484	15.480	15.508	HH	1346522	21614178	13.19%	0.167%	
385	15.526	15.508	15.554	HH	1323662	35834032	21.87%	0.278%	
386	15.557	15.554	15.579	HH	1293541	19173321	11.70%	0.149%	
387	15.582	15.579	15.589	HH	1279826	7657042	4.67%	0.059%	
388	15.595	15.589	15.605	HH	1291388	12672909	7.73%	0.098%	
389	15.610	15.605	15.615	HH	1271571	7034575	4.29%	0.055%	
390	15.619	15.615	15.641	HH	1268506	20040282	12.23%	0.155%	
391	15.656	15.641	15.683	HH	1273549	31035953	18.94%	0.240%	
392	15.697	15.683	15.715	HH	1289989	24561359	14.99%	0.190%	
393	15.726	15.715	15.730	HH	1279419	11336401	6.92%	0.088%	
394	15.735	15.730	15.751	HH	1281127	15771840	9.62%	0.122%	
395	15.762	15.751	15.784	HH	1251382	23998577	14.64%	0.186%	
396	15.811	15.784	15.832	HH	1266392	35576610	21.71%	0.276%	
397	15.853	15.832	15.873	HH	1262963	30112650	18.37%	0.233%	
398	15.921	15.873	15.974	HH	1368554	75914689	46.32%	0.588%	
399	16.014	15.974	16.028	HH	1303097	40725391	24.85%	0.316%	
400	16.031	16.028	16.037	HH	1270148	6914696	4.22%	0.054%	
401	16.045	16.037	16.060	HH	1280835	17124714	10.45%	0.133%	
402	16.062	16.060	16.083	HH	1267451	17429875	10.64%	0.135%	
403	16.099	16.083	16.133	HH	1247951	36809216	22.46%	0.285%	
404	16.145	16.133	16.149	HH	1265072	12103537	7.39%	0.094%	

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rteres									
457	18.062	18.035	18.113	HH	1657177	60808654	37.10%	0.471%	
458	18.124	18.113	18.153	HH	1099881	25946862	18.03%	0.117%	
459	18.157	18.153	18.168	HH	1075315	9734416	5.35%	0.068%	
460	18.181	18.168	18.190	HH	1075767	14392503	8.97%	0.127%	
461	18.212	18.190	18.241	HH	1114261	32621688	19.01%	0.241%	
462	18.255	18.241	18.291	HH	1066909	30884491	18.39%	0.234%	
463	18.301	18.291	18.317	HH	1006592	15134046	9.23%	0.117%	
464	18.340	18.317	18.347	HH	1003474	18072051	11.03%	0.140%	
465	18.353	18.347	18.365	HH	1012956	10601325	6.47%	0.082%	
466	18.370	18.365	18.392	HH	1010692	16341547	9.97%	0.127%	
467	18.396	18.392	18.408	HH	988467	9537666	5.82%	0.074%	
468	18.417	18.408	18.424	HH	987663	9164281	5.59%	0.071%	
469	18.430	18.424	18.439	HH	994217	8761940	5.35%	0.068%	
470	18.475	18.439	18.502	HH	1148112	39391098	24.04%	0.305%	
471	18.523	18.502	18.544	HH	1136296	26936370	16.44%	0.209%	
472	18.552	18.544	18.597	HH	1023519	31147123	19.01%	0.241%	
473	18.609	18.597	18.620	HH	974444	12929254	7.89%	0.100%	
474	18.654	18.620	18.688	HH	1008100	39193471	23.92%	0.304%	
475	18.702	18.688	18.718	HH	938747	16831029	10.27%	0.130%	
476	18.724	18.718	18.747	HH	944210	16059453	9.80%	0.124%	
477	18.764	18.747	18.777	HH	941590	16913131	10.32%	0.131%	
478	18.804	18.777	18.829	HH	1022103	30136585	18.39%	0.234%	
479	18.833	18.829	18.841	HH	904433	6286109	3.84%	0.049%	
480	18.867	18.841	18.910	HH	988732	37941677	23.15%	0.294%	
481	18.941	18.910	18.960	HH	917056	26790644	16.35%	0.208%	
482	18.978	18.960	18.984	HH	898646	13038625	7.96%	0.101%	
483	18.988	18.984	18.997	HH	899220	7234580	4.41%	0.056%	
484	19.014	18.997	19.027	HH	889425	15588447	9.51%	0.121%	
485	19.034	19.027	19.061	HH	888488	17991183	10.98%	0.139%	
486	19.066	19.061	19.083	HH	887239	11373387	6.94%	0.088%	
487	19.084	19.083	19.089	HH	868267	3126316	1.91%	0.024%	
488	19.094	19.089	19.101	HH	870344	6363601	3.88%	0.049%	
489	19.106	19.101	19.112	HH	863472	5594772	3.41%	0.043%	
490	19.115	19.112	19.128	HH	868721	8448678	5.16%	0.065%	
491	19.134	19.128	19.142	HH	867160	7017515	4.28%	0.054%	
492	19.177	19.142	19.208	HH	944483	35221495	21.49%	0.273%	
493	19.213	19.208	19.226	HH	859254	9352833	5.71%	0.072%	
494	19.231	19.226	19.246	HH	858115	10215433	6.23%	0.079%	
495	19.270	19.246	19.315	HH	927332	35988295	21.96%	0.279%	
496	19.329	19.315	19.336	HH	849815	10532928	6.43%	0.082%	
497	19.351	19.336	19.355	HH	859788	9750611	5.95%	0.076%	
498	19.364	19.355	19.389	HH	863604	16979358	10.36%	0.132%	
499	19.395	19.389	19.401	HH	853280	6175945	3.77%	0.048%	
500	19.415	19.401	19.430	HH	870090	14712322	8.98%	0.114%	
501	19.433	19.430	19.440	HH	853166	5523245	3.37%	0.043%	
502	19.447	19.440	19.465	HH	855083	12221501	7.46%	0.095%	
503	19.476	19.465	19.483	HH	850803	9291605	5.67%	0.072%	
504	19.496	19.483	19.521	HH	896105	19999535	12.20%	0.155%	
505	19.524	19.521	19.541	HH	863792	10022245	6.12%	0.078%	
506	19.547	19.541	19.551	HH	854791	5070725	3.09%	0.039%	
507	19.562	19.551	19.566	HH	899523	8119624	4.95%	0.063%	
508	19.571	19.566	19.608	HH	906684	21687115	13.23%	0.168%	
509	19.616	19.608	19.626	HH	833250	8802172	5.37%	0.068%	

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510	19.643	19.626	19.656	HH	845213	14871235	9.07%	0.115%
511	19.678	19.656	19.707	HH	880876	26000254	15.34%	0.195%
512	19.711	19.707	19.717	HH	832742	5006425	17.47%	0.222%
513	19.735	19.717	19.746	HH	847237	14359616	3.65%	0.046%
514	19.750	19.746	19.756	HH	838660	5284981	4.89%	0.062%
515	19.770	19.756	19.775	HH	851049	9646200	5.05%	0.064%
516	19.797	19.775	19.824	HH	900957	25135030	15.34%	0.195%
517	19.834	19.824	19.881	HH	852184	28627312	17.47%	0.222%
518	19.886	19.881	19.893	HH	830847	5974467	3.65%	0.046%
519	19.901	19.893	19.909	HH	841142	8019666	4.89%	0.062%
520	19.919	19.909	19.926	HH	841775	8269557	5.05%	0.064%
521	19.953	19.926	19.989	HH	867136	31646269	19.31%	0.245%
522	20.023	19.989	20.044	HH	840388	27679758	16.89%	0.214%
523	20.051	20.044	20.059	HH	841404	7386869	4.51%	0.057%
524	20.071	20.059	20.077	HH	855005	9031189	5.51%	0.070%
525	20.089	20.077	20.110	HH	864078	16851961	10.28%	0.131%
526	20.123	20.110	20.127	HH	841207	8358960	5.10%	0.065%
527	20.131	20.127	20.136	HH	837516	4585724	2.80%	0.036%
528	20.151	20.136	20.179	HH	847499	21074717	12.86%	0.163%
529	20.191	20.179	20.204	HH	837276	12334844	7.53%	0.096%
530	20.207	20.204	20.218	HH	817035	6923326	4.22%	0.054%
531	20.221	20.218	20.226	HH	825555	3762529	2.30%	0.029%
532	20.236	20.226	20.243	HH	830347	8543399	5.21%	0.066%
533	20.247	20.243	20.260	HH	823198	8597404	5.25%	0.067%
534	20.264	20.260	20.285	HH	833679	11926857	7.28%	0.092%
535	20.288	20.285	20.294	HH	821359	4479262	2.73%	0.035%
536	20.306	20.294	20.316	HH	822180	10952547	6.68%	0.085%
537	20.352	20.316	20.409	HH	884486	46708863	28.50%	0.362%
538	20.415	20.409	20.429	HH	815470	9785081	5.97%	0.076%
539	20.441	20.429	20.447	HH	810860	8390719	5.12%	0.065%
540	20.452	20.447	20.461	HH	810575	6910851	4.22%	0.054%
541	20.465	20.461	20.503	HH	808485	19887489	12.14%	0.154%
542	20.507	20.503	20.511	HH	776478	3871126	2.36%	0.030%
543	20.515	20.511	20.538	HH	770032	11822417	7.21%	0.092%
544	20.551	20.538	20.591	HH	774607	24347029	14.86%	0.189%
545	20.600	20.591	20.607	HH	736863	6987943	4.26%	0.054%
546	20.611	20.607	20.618	HH	734507	5010112	3.06%	0.039%
547	20.634	20.618	20.640	HH	741199	9275416	5.66%	0.072%
548	20.645	20.640	20.650	HH	736551	4398289	2.68%	0.034%
549	20.662	20.650	20.724	HH	742094	31868596	19.45%	0.247%
550	20.730	20.724	20.736	HH	701134	5245915	3.20%	0.041%
551	20.740	20.736	20.766	HH	714133	12543263	7.65%	0.097%
552	20.776	20.766	20.791	HH	698490	10340512	6.31%	0.080%
553	20.797	20.791	20.806	HH	691429	6170257	3.76%	0.048%
554	20.813	20.806	20.847	HH	692240	16644877	10.16%	0.129%
555	20.851	20.847	20.861	HH	679208	5483621	3.35%	0.042%
556	20.865	20.861	20.886	HH	669130	10157566	6.20%	0.079%
557	20.890	20.886	20.901	HH	658386	5869654	3.58%	0.045%
558	20.904	20.901	20.909	HH	661365	2938239	1.79%	0.023%
559	20.913	20.909	20.922	HH	656559	5275520	3.22%	0.041%
560	20.926	20.922	20.936	HH	652282	5364045	3.27%	0.042%
561	20.941	20.936	20.956	HH	653617	7881822	4.81%	0.061%

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rteres									
562	20.960	20.956	21.007	HH	654204	19506388	11.90%	0.151%	
563	21.012	21.007	21.025	HH	625496	6795830			
564	21.029	21.025	21.032	HH	623410	2363913			
565	21.036	21.032	21.052	HH	629443	7574648			
566	21.056	21.052	21.067	HH	618896	5559055			
567	21.085	21.067	21.104	HH	627038	13712208			
568	21.122	21.104	21.144	HH	621228	14714717	8.98%	0.114%	
569	21.160	21.144	21.190	HH	609164	16245116	9.91%	0.126%	
570	21.198	21.190	21.215	HH	587348	8743209	5.33%	0.068%	
571	21.219	21.215	21.227	HH	576894	4154346	2.53%	0.032%	
572	21.232	21.227	21.239	HH	576057	4016934	2.45%	0.031%	
573	21.242	21.239	21.262	HH	575148	7912429	4.83%	0.061%	
574	21.268	21.262	21.274	HH	571453	4194680	2.56%	0.033%	
575	21.281	21.274	21.311	HH	571178	12407001	7.57%	0.096%	
576	21.319	21.311	21.324	HH	566736	4187705	2.56%	0.032%	
577	21.326	21.324	21.357	HH	564802	11000358	6.71%	0.085%	
578	21.375	21.357	21.408	HH	550512	16812388	10.26%	0.130%	
579	21.420	21.408	21.425	HH	540674	5164510	3.15%	0.040%	
580	21.428	21.425	21.434	HH	542221	2961783	1.81%	0.023%	
581	21.438	21.434	21.450	HH	544426	5371886	3.28%	0.042%	
582	21.458	21.450	21.464	HH	533624	4401762	2.69%	0.034%	
583	21.478	21.464	21.498	HH	537572	10614812	6.48%	0.082%	
584	21.505	21.498	21.521	HH	514527	7100492	4.33%	0.055%	
585	21.540	21.521	21.549	HH	521901	8551501	5.22%	0.066%	
586	21.553	21.549	21.580	HH	520551	9677872	5.91%	0.075%	
587	21.585	21.580	21.589	HH	500920	2496662	1.52%	0.019%	
588	21.603	21.589	21.627	HH	505591	11496006	7.01%	0.089%	
589	21.650	21.627	21.658	HH	498312	9286664	5.67%	0.072%	
590	21.667	21.658	21.682	HH	503146	7061045	4.31%	0.055%	
591	21.690	21.682	21.728	HH	496879	13422111	8.19%	0.104%	
592	21.735	21.728	21.741	HH	481351	3867786	2.36%	0.030%	
593	21.752	21.741	21.759	HH	482032	5145679	3.14%	0.040%	
594	21.764	21.759	21.797	HH	484254	10674320	6.51%	0.083%	
Sum of corrected areas: 12906228775									

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