

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122221\
 Data File : FF009518.D
 Signal(s) : FID2B.ch
 Acq On : 22 Dec 2021 17:10
 Sample : M5191-03MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

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	2.156	BH	171	820	0.01%	0.000%
2	2.188	2.156	2.259	PH	255454	1808256	20.74%	0.392%
3	2.262	2.259	2.290	PH	-10	-1715	-0.02%	-0.000%
4	2.292	2.290	2.334	PH	-68	-4492	-0.05%	-0.001%
5	2.337	2.334	2.363	PH	-102	-3688	-0.04%	-0.001%
6	2.385	2.363	2.395	PH	-12	-2052	-0.02%	-0.000%
7	2.398	2.395	2.404	PH	-96	-723	-0.01%	-0.000%
8	2.421	2.404	2.437	PH	214	-93	-0.00%	-0.000%
9	2.454	2.437	2.490	PH	500	-379	-0.00%	-0.000%
10	2.511	2.490	2.525	PH	246	-440	-0.01%	-0.000%
11	2.530	2.525	2.554	PH	-30	-2438	-0.03%	-0.001%
12	2.570	2.554	2.605	PH	25	-6764	-0.08%	-0.001%
13	2.607	2.605	2.613	PH	-323	-1938	-0.02%	-0.000%
14	2.641	2.613	2.686	PH	335	-8518	-0.10%	-0.002%
15	2.698	2.686	2.713	PH	-337	-6553	-0.08%	-0.001%
16	2.731	2.713	2.785	PH	833	33	0.00%	0.000%
17	2.787	2.785	2.793	PH	-240	-1682	-0.02%	-0.000%
18	2.795	2.793	2.799	PH	-365	-1403	-0.02%	-0.000%
19	2.807	2.799	2.813	PH	-292	-3015	-0.03%	-0.001%
20	2.825	2.813	2.874	PH	-102	-11264	-0.13%	-0.002%
21	2.883	2.874	2.892	PH	-224	-3431	-0.04%	-0.001%
22	2.903	2.892	2.937	PH	-20	-5251	-0.06%	-0.001%
23	2.952	2.937	2.979	PH	415	-2669	-0.03%	-0.001%
24	3.019	2.979	3.030	PH	98	-5559	-0.06%	-0.001%
25	3.039	3.030	3.057	PH	-133	-4317	-0.05%	-0.001%
26	3.062	3.057	3.067	PH	-319	-2563	-0.03%	-0.001%
27	3.072	3.067	3.076	PH	-345	-2181	-0.03%	-0.000%
28	3.087	3.076	3.112	PH	-285	-9385	-0.11%	-0.002%
29	3.139	3.112	3.157	PH	-392	-12340	-0.14%	-0.003%
30	3.163	3.157	3.179	PH	-337	-5593	-0.06%	-0.001%
31	3.196	3.179	3.228	PH	600	34	0.00%	0.000%
32	3.237	3.228	3.266	PH	-393	-10851	-0.12%	-0.002%
33	3.269	3.266	3.275	PH	-497	-2961	-0.03%	-0.001%
34	3.315	3.275	3.330	PH	-203	-13869	-0.16%	-0.003%
35	3.336	3.330	3.354	PH	-312	-5062	-0.06%	-0.001%
36	3.355	3.354	3.363	PH	-272	-1851	-0.02%	-0.000%

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37	3.370	3.363	3.386	PH	-272	-4473	-0.05%	-0.001%
38	3.398	3.386	3.422	PH	-130	-7687	-0.09%	-0.002%
39	3.428	3.422	3.445	PH	-290	-5176	-0.06%	-0.001%
40	3.459	3.445	3.475	PH	230	-950	-0.01%	-0.000%
41	3.491	3.475	3.513	PH	5765	43896	0.50%	0.010%
42	3.517	3.513	3.542	PH	-141	-5739	-0.07%	-0.001%
43	3.566	3.542	3.589	PH	583	-563	-0.01%	-0.000%
44	3.618	3.589	3.628	PH	233	-635	-0.01%	-0.000%
45	3.637	3.628	3.673	HH	331	-3750	-0.04%	-0.001%
46	3.688	3.673	3.704	PH	314	-17	-0.00%	-0.000%
47	3.711	3.704	3.719	PH	-116	-1289	-0.01%	-0.000%
48	3.728	3.719	3.754	PH	356	-3547	-0.04%	-0.001%
49	3.774	3.754	3.825	PH	843	-1335	-0.02%	-0.000%
50	3.860	3.825	3.873	PH	1168	4759	0.05%	0.001%
51	3.887	3.873	3.940	PH	4861	87620	1.01%	0.019%
52	3.953	3.940	3.977	HH	1495	15060	0.17%	0.003%
53	3.993	3.977	4.001	PH	100	-109	-0.00%	-0.000%
54	4.026	4.001	4.048	PH	1278	15881	0.18%	0.003%
55	4.062	4.048	4.088	PH	721	8238	0.09%	0.002%
56	4.094	4.088	4.112	HH	145	573	0.01%	0.000%
57	4.117	4.112	4.142	PH	-85	-4433	-0.05%	-0.001%
58	4.170	4.142	4.188	PH	287	-2204	-0.03%	-0.000%
59	4.208	4.188	4.234	PH	274	-1855	-0.02%	-0.000%
60	4.258	4.234	4.290	PH	248954	2180427	25.01%	0.473%
61	4.300	4.290	4.314	HH	699	5868	0.07%	0.001%
62	4.329	4.314	4.344	PH	351	1788	0.02%	0.000%
63	4.360	4.344	4.389	PH	212	-1297	-0.01%	-0.000%
64	4.413	4.389	4.439	PH	1730	19703	0.23%	0.004%
65	4.456	4.439	4.468	HH	1475	15130	0.17%	0.003%
66	4.477	4.468	4.494	HH	889	9557	0.11%	0.002%
67	4.510	4.494	4.524	HH	2431	21324	0.24%	0.005%
68	4.538	4.524	4.553	HH	1398	13327	0.15%	0.003%
69	4.564	4.553	4.574	HH	551	5904	0.07%	0.001%
70	4.584	4.574	4.597	HH	639	5309	0.06%	0.001%
71	4.609	4.597	4.618	PH	534	4372	0.05%	0.001%
72	4.635	4.618	4.650	HH	1413	16669	0.19%	0.004%
73	4.658	4.650	4.662	HH	1080	6857	0.08%	0.001%
74	4.670	4.662	4.697	HH	1194	14153	0.16%	0.003%
75	4.722	4.697	4.759	HH	1602	21351	0.24%	0.005%
76	4.780	4.759	4.796	PH	332	2632	0.03%	0.001%
77	4.808	4.796	4.825	HH	404	3600	0.04%	0.001%
78	4.838	4.825	4.843	PH	411	2420	0.03%	0.001%
79	4.863	4.843	4.883	HH	1483	19544	0.22%	0.004%
80	4.895	4.883	4.917	HH	1618	16073	0.18%	0.003%
81	4.935	4.917	4.956	HH	1946	24960	0.29%	0.005%
82	4.971	4.956	4.982	HH	1670	16955	0.19%	0.004%
83	4.993	4.982	5.034	HH	1609	21588	0.25%	0.005%
84	5.059	5.034	5.069	PH	492	4387	0.05%	0.001%
85	5.088	5.069	5.102	HH	1116	13242	0.15%	0.003%
86	5.123	5.102	5.137	HH	972	17386	0.20%	0.004%
87	5.150	5.137	5.163	HH	1302	16213	0.19%	0.004%
88	5.178	5.163	5.193	HH	1469	18435	0.21%	0.004%
89	5.207	5.193	5.225	HH	761	11438	0.13%	0.002%

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90	5.238	5.225	5.254	HH	809	8674	0.10%	0.002%
91	5.290	5.254	5.319	HH	9632	118693	1.36%	0.026%
92	5.323	5.319	5.341	HH	1832	14725	0.17%	0.003%
93	5.359	5.341	5.392	HH	581	10329	0.12%	0.002%
94	5.411	5.392	5.422	HH	621	6766	0.08%	0.001%
95	5.446	5.422	5.456	HH	2771	30840	0.35%	0.007%
96	5.467	5.456	5.496	HH	3233	47192	0.54%	0.010%
97	5.503	5.496	5.525	HH	860	11823	0.14%	0.003%
98	5.539	5.525	5.552	HH	1117	14492	0.17%	0.003%
99	5.571	5.552	5.611	HH	3393	68894	0.79%	0.015%
100	5.630	5.611	5.646	HH	1609	23506	0.27%	0.005%
101	5.659	5.646	5.670	HH	1394	14845	0.17%	0.003%
102	5.694	5.670	5.719	HH	1219	24012	0.28%	0.005%
103	5.741	5.719	5.761	HH	2060	25011	0.29%	0.005%
104	5.791	5.761	5.813	HH	2058	36250	0.42%	0.008%
105	5.839	5.813	5.861	HH	7101	100081	1.15%	0.022%
106	5.882	5.861	5.905	HH	2930	49065	0.56%	0.011%
107	5.927	5.905	5.952	HH	3490	52889	0.61%	0.011%
108	5.986	5.952	6.005	HH	5763	102968	1.18%	0.022%
109	6.011	6.005	6.034	HH	2312	32775	0.38%	0.007%
110	6.052	6.034	6.057	HH	2046	22514	0.26%	0.005%
111	6.072	6.057	6.082	HH	2145	28598	0.33%	0.006%
112	6.100	6.082	6.128	HH	2455	54195	0.62%	0.012%
113	6.144	6.128	6.172	HH	2453	49050	0.56%	0.011%
114	6.194	6.172	6.212	HH	2644	51816	0.59%	0.011%
115	6.215	6.212	6.238	HH	2061	26964	0.31%	0.006%
116	6.266	6.238	6.314	HH	239513	2406354	27.61%	0.522%
117	6.326	6.314	6.333	HH	1345	14010	0.16%	0.003%
118	6.352	6.333	6.367	HH	2128	33738	0.39%	0.007%
119	6.388	6.367	6.397	HH	2473	38026	0.44%	0.008%
120	6.413	6.397	6.439	HH	8563	113306	1.30%	0.025%
121	6.450	6.439	6.474	HH	3612	58444	0.67%	0.013%
122	6.485	6.474	6.500	HH	2412	29451	0.34%	0.006%
123	6.542	6.500	6.561	HH	3947	84730	0.97%	0.018%
124	6.583	6.561	6.610	HH	3610	76556	0.88%	0.017%
125	6.617	6.610	6.631	HH	2506	27542	0.32%	0.006%
126	6.661	6.631	6.690	HH	4048	90001	1.03%	0.020%
127	6.720	6.690	6.741	HH	2587	66988	0.77%	0.015%
128	6.762	6.741	6.769	HH	4147	55811	0.64%	0.012%
129	6.781	6.769	6.800	HH	5275	76080	0.87%	0.016%
130	6.822	6.800	6.848	HH	5976	104837	1.20%	0.023%
131	6.866	6.848	6.876	HH	5413	70548	0.81%	0.015%
132	6.888	6.876	6.909	HH	6276	96248	1.10%	0.021%
133	6.921	6.909	6.944	HH	4674	71856	0.82%	0.016%
134	6.964	6.944	7.001	HH	11846	196412	2.25%	0.043%
135	7.022	7.001	7.044	HH	5452	98286	1.13%	0.021%
136	7.062	7.044	7.079	HH	4813	73335	0.84%	0.016%
137	7.090	7.079	7.104	HH	2905	41510	0.48%	0.009%
138	7.106	7.104	7.119	HH	2740	23227	0.27%	0.005%
139	7.184	7.119	7.211	HH	23852	393771	4.52%	0.085%
140	7.233	7.211	7.246	HH	3735	69325	0.80%	0.015%
141	7.270	7.246	7.285	HH	4005	82590	0.95%	0.018%

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142	7.309	7.285	7.330	HH	3783	92899	1.07%	0.020%
143	7.357	7.330	7.387	HH	7958	167709	1.92%	0.036%
144	7.406	7.387	7.426	HH	3973	76260	0.87%	0.017%
145	7.444	7.426	7.453	HH	3341	48348	0.55%	0.010%
146	7.467	7.453	7.482	HH	4156	62677	0.72%	0.014%
147	7.495	7.482	7.502	HH	4096	44839	0.51%	0.010%
148	7.517	7.502	7.535	HH	5483	85078	0.98%	0.018%
149	7.549	7.535	7.583	HH	4438	100716	1.16%	0.022%
150	7.610	7.583	7.624	HH	6147	110503	1.27%	0.024%
151	7.637	7.624	7.652	HH	6318	94894	1.09%	0.021%
152	7.660	7.652	7.676	HH	5516	69110	0.79%	0.015%
153	7.703	7.676	7.721	HH	6535	127344	1.46%	0.028%
154	7.748	7.721	7.768	HH	8937	165250	1.90%	0.036%
155	7.787	7.768	7.797	HH	8711	125217	1.44%	0.027%
156	7.804	7.797	7.830	HH	8075	109817	1.26%	0.024%
157	7.873	7.830	7.902	HH	16356	315881	3.62%	0.068%
158	7.921	7.902	7.940	HH	5381	108495	1.24%	0.024%
159	7.976	7.940	7.992	HH	9326	203418	2.33%	0.044%
160	8.005	7.992	8.020	HH	7310	109932	1.26%	0.024%
161	8.052	8.020	8.080	HH	247362	2670720	30.64%	0.579%
162	8.098	8.080	8.112	HH	6346	112015	1.29%	0.024%
163	8.126	8.112	8.130	HH	5833	59372	0.68%	0.013%
164	8.159	8.130	8.184	HH	11082	244400	2.80%	0.053%
165	8.203	8.184	8.224	HH	9101	160677	1.84%	0.035%
166	8.236	8.224	8.244	HH	5409	63247	0.73%	0.014%
167	8.266	8.244	8.281	HH	6113	125099	1.44%	0.027%
168	8.292	8.281	8.309	HH	5426	85446	0.98%	0.019%
169	8.339	8.309	8.363	HH	4936	145285	1.67%	0.032%
170	8.377	8.363	8.388	HH	4420	60520	0.69%	0.013%
171	8.405	8.388	8.416	HH	7151	103292	1.18%	0.022%
172	8.421	8.416	8.430	HH	6330	52301	0.60%	0.011%
173	8.452	8.430	8.483	HH	16540	305033	3.50%	0.066%
174	8.499	8.483	8.515	HH	9604	154016	1.77%	0.033%
175	8.538	8.515	8.551	HH	8617	169726	1.95%	0.037%
176	8.585	8.551	8.612	HH	19310	377347	4.33%	0.082%
177	8.637	8.612	8.650	HH	7205	134910	1.55%	0.029%
178	8.661	8.650	8.674	HH	5913	76568	0.88%	0.017%
179	8.692	8.674	8.710	HH	7517	133866	1.54%	0.029%
180	8.728	8.710	8.750	HH	11801	189408	2.17%	0.041%
181	8.763	8.750	8.775	HH	5948	84096	0.96%	0.018%
182	8.789	8.775	8.796	HH	6270	74254	0.85%	0.016%
183	8.811	8.796	8.830	HH	6600	123424	1.42%	0.027%
184	8.869	8.830	8.890	HH	28722	460817	5.29%	0.100%
185	8.901	8.890	8.936	HH	8509	171978	1.97%	0.037%
186	8.953	8.936	8.976	HH	5975	119714	1.37%	0.026%
187	9.015	8.976	9.035	HH	7617	188547	2.16%	0.041%
188	9.050	9.035	9.064	HH	5513	87790	1.01%	0.019%
189	9.066	9.064	9.082	HH	5258	52580	0.60%	0.011%
190	9.099	9.082	9.118	HH	6103	112685	1.29%	0.024%
191	9.150	9.118	9.185	HH	7474	229922	2.64%	0.050%
192	9.197	9.185	9.210	HH	5215	72480	0.83%	0.016%
193	9.236	9.210	9.272	HH	21022	429598	4.93%	0.093%
194	9.287	9.272	9.299	HH	9341	124851	1.43%	0.027%

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195	9.314	9.299	9.346	HH	9452	222691	2.55%	0.048%
196	9.377	9.346	9.398	HH	8742	216717	2.49%	0.047%
197	9.425	9.398	9.460	HH	11025	280540	3.22%	0.061%
198	9.478	9.460	9.502	HH	7411	149630	1.72%	0.032%
199	9.516	9.502	9.534	HH	5284	96169	1.10%	0.021%
200	9.558	9.534	9.576	HH	8611	170083	1.95%	0.037%
201	9.601	9.576	9.619	HH	7320	172653	1.98%	0.037%
202	9.645	9.619	9.692	HH	211160	2477890	28.43%	0.537%
203	9.718	9.692	9.732	HH	6347	140471	1.61%	0.030%
204	9.751	9.732	9.782	HH	7905	180825	2.07%	0.039%
205	9.814	9.782	9.840	HH	6324	181206	2.08%	0.039%
206	9.850	9.840	9.866	HH	4953	77216	0.89%	0.017%
207	9.872	9.866	9.899	HH	4850	91345	1.05%	0.020%
208	9.917	9.899	9.934	HH	5466	106558	1.22%	0.023%
209	9.974	9.934	10.002	HH	8421	255890	2.94%	0.055%
210	10.029	10.002	10.055	HH	14789	314066	3.60%	0.068%
211	10.082	10.055	10.095	HH	8616	178865	2.05%	0.039%
212	10.116	10.095	10.138	HH	10175	219187	2.51%	0.048%
213	10.156	10.138	10.163	HH	8711	122161	1.40%	0.026%
214	10.172	10.163	10.203	HH	8949	174174	2.00%	0.038%
215	10.228	10.203	10.244	HH	8607	172203	1.98%	0.037%
216	10.262	10.244	10.273	HH	7665	129482	1.49%	0.028%
217	10.295	10.273	10.335	HH	10792	318611	3.66%	0.069%
218	10.380	10.335	10.410	HH	23262	521107	5.98%	0.113%
219	10.451	10.410	10.473	HH	21668	532210	6.11%	0.115%
220	10.483	10.473	10.518	HH	9488	228263	2.62%	0.049%
221	10.529	10.518	10.544	HH	8114	116448	1.34%	0.025%
222	10.565	10.544	10.583	HH	7243	162576	1.87%	0.035%
223	10.628	10.583	10.659	HH	167575	1969723	22.60%	0.427%
224	10.664	10.659	10.676	HH	8194	82208	0.94%	0.018%
225	10.704	10.676	10.741	HH	51569	954212	10.95%	0.207%
226	10.755	10.741	10.760	HH	9812	106106	1.22%	0.023%
227	10.764	10.760	10.784	HH	9780	127867	1.47%	0.028%
228	10.808	10.784	10.827	HH	11363	248356	2.85%	0.054%
229	10.832	10.827	10.865	HH	8655	182078	2.09%	0.039%
230	10.888	10.865	10.915	HH	9032	237306	2.72%	0.051%
231	10.933	10.915	10.966	HH	16248	326218	3.74%	0.071%
232	10.976	10.966	10.980	HH	7568	60628	0.70%	0.013%
233	11.022	10.980	11.046	HH	8756	321046	3.68%	0.070%
234	11.081	11.046	11.113	HH	214881	2579022	29.59%	0.559%
235	11.125	11.113	11.134	HH	8772	107353	1.23%	0.023%
236	11.164	11.134	11.193	HH	19688	481008	5.52%	0.104%
237	11.207	11.193	11.217	HH	9842	129801	1.49%	0.028%
238	11.236	11.217	11.251	HH	12681	225265	2.58%	0.049%
239	11.273	11.251	11.301	HH	13697	320254	3.67%	0.069%
240	11.324	11.301	11.344	HH	9055	222819	2.56%	0.048%
241	11.391	11.344	11.409	HH	16964	442308	5.07%	0.096%
242	11.429	11.409	11.444	HH	22712	328005	3.76%	0.071%
243	11.460	11.444	11.498	HH	25916	485871	5.57%	0.105%
244	11.541	11.498	11.560	HH	28088	613013	7.03%	0.133%
245	11.576	11.560	11.591	HH	19067	287831	3.30%	0.062%
246	11.607	11.591	11.658	HH	20640	491060	5.63%	0.106%

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247	11.682	11.658	11.696	HH	9396	200482	2.30%	0.043%
248	11.748	11.696	11.777	HH	19926	618091	7.09%	0.134%
249	11.801	11.777	11.819	HH	20046	361578	4.15%	0.078%
250	11.837	11.819	11.879	HH	17588	454535	5.21%	0.099%
251	11.899	11.879	11.922	HH	18883	353469	4.05%	0.077%
252	11.934	11.922	11.943	HH	10542	125405	1.44%	0.027%
253	11.963	11.943	11.974	HH	11533	211451	2.43%	0.046%
254	11.979	11.974	11.984	HH	11436	68214	0.78%	0.015%
255	12.003	11.984	12.031	HH	20501	436985	5.01%	0.095%
256	12.041	12.031	12.071	HH	13154	285725	3.28%	0.062%
257	12.086	12.071	12.093	HH	11421	151980	1.74%	0.033%
258	12.103	12.093	12.116	HH	11552	153470	1.76%	0.033%
259	12.152	12.116	12.162	HH	13296	333221	3.82%	0.072%
260	12.172	12.162	12.192	HH	12846	215620	2.47%	0.047%
261	12.216	12.192	12.231	HH	15350	307297	3.53%	0.067%
262	12.236	12.231	12.257	HH	12815	181671	2.08%	0.039%
263	12.290	12.257	12.299	HH	15516	319036	3.66%	0.069%
264	12.324	12.299	12.345	HH	21247	465102	5.34%	0.101%
265	12.386	12.345	12.413	HH	201333	2700485	30.98%	0.586%
266	12.440	12.413	12.482	HH	220167	2810843	32.25%	0.609%
267	12.484	12.482	12.501	HH	12778	136907	1.57%	0.030%
268	12.521	12.501	12.552	HH	13496	374138	4.29%	0.081%
269	12.582	12.552	12.589	HH	13623	271044	3.11%	0.059%
270	12.628	12.589	12.649	HH	19173	553818	6.35%	0.120%
271	12.665	12.649	12.694	HH	15633	397247	4.56%	0.086%
272	12.737	12.694	12.775	HH	178858	2496269	28.64%	0.541%
273	12.794	12.775	12.810	HH	30085	464753	5.33%	0.101%
274	12.829	12.810	12.854	HH	37858	670405	7.69%	0.145%
275	12.871	12.854	12.898	HH	20092	457098	5.24%	0.099%
276	12.915	12.898	12.931	HH	18835	324892	3.73%	0.070%
277	12.946	12.931	12.974	HH	17562	398979	4.58%	0.087%
278	12.997	12.974	13.054	HH	23161	882561	10.12%	0.191%
279	13.070	13.054	13.082	HH	17098	275500	3.16%	0.060%
280	13.094	13.082	13.117	HH	16807	315189	3.62%	0.068%
281	13.137	13.117	13.174	HH	17772	535113	6.14%	0.116%
282	13.199	13.174	13.222	HH	23379	536115	6.15%	0.116%
283	13.235	13.222	13.273	HH	16977	491079	5.63%	0.106%
284	13.327	13.273	13.376	HH	35842	1281913	14.71%	0.278%
285	13.393	13.376	13.406	HH	16813	300017	3.44%	0.065%
286	13.433	13.406	13.454	HH	34387	682941	7.83%	0.148%
287	13.474	13.454	13.496	HH	26191	535925	6.15%	0.116%
288	13.509	13.496	13.534	HH	19921	420430	4.82%	0.091%
289	13.579	13.534	13.624	HH	186230	3084121	35.38%	0.669%
290	13.644	13.624	13.696	HH	24135	808915	9.28%	0.175%
291	13.725	13.696	13.746	HH	17833	514611	5.90%	0.112%
292	13.773	13.746	13.787	HH	18712	441060	5.06%	0.096%
293	13.807	13.787	13.831	HH	20041	494865	5.68%	0.107%
294	13.837	13.831	13.860	HH	18288	303663	3.48%	0.066%
295	13.868	13.860	13.890	HH	18039	321426	3.69%	0.070%
296	13.909	13.890	13.927	HH	18795	406093	4.66%	0.088%
297	13.938	13.927	13.952	HH	19147	285762	3.28%	0.062%
298	13.996	13.952	14.004	HH	21725	621613	7.13%	0.135%
299	14.020	14.004	14.048	HH	22004	568684	6.52%	0.123%

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300	14.073	14.048	14.097	HH	28071	688399	7.90%	0.149%
301	14.103	14.097	14.116	HH	19819	215662	2.47%	0.047%
302	14.143	14.116	14.174	HH	33489	916537	10.51%	0.199%
303	14.198	14.174	14.222	HH	66578	1133599	13.00%	0.246%
304	14.239	14.222	14.276	HH	35689	882680	10.13%	0.191%
305	14.300	14.276	14.324	HH	37984	861507	9.88%	0.187%
306	14.348	14.324	14.363	HH	27846	593319	6.81%	0.129%
307	14.378	14.363	14.406	HH	29225	664831	7.63%	0.144%
308	14.421	14.406	14.442	HH	24515	498563	5.72%	0.108%
309	14.476	14.442	14.518	HH	118826	2396331	27.49%	0.520%
310	14.532	14.518	14.542	HH	23582	341803	3.92%	0.074%
311	14.571	14.542	14.587	HH	28894	687784	7.89%	0.149%
312	14.613	14.587	14.634	HH	103659	1691485	19.40%	0.367%
313	14.653	14.634	14.662	HH	107895	1340545	15.38%	0.291%
314	14.679	14.662	14.706	HH	182479	2676453	30.70%	0.580%
315	14.720	14.706	14.740	HH	29798	578367	6.63%	0.125%
316	14.773	14.740	14.833	HH	42148	1706848	19.58%	0.370%
317	14.871	14.833	14.903	HH	32437	1153699	13.23%	0.250%
318	14.928	14.903	14.943	HH	35044	740013	8.49%	0.160%
319	14.957	14.943	14.985	HH	32549	761325	8.73%	0.165%
320	15.001	14.985	15.024	HH	28093	649986	7.46%	0.141%
321	15.077	15.024	15.149	HH	52399	2873536	32.96%	0.623%
322	15.155	15.149	15.161	HH	30288	206998	2.37%	0.045%
323	15.196	15.161	15.228	HH	42400	1442288	16.55%	0.313%
324	15.252	15.228	15.264	HH	34634	719143	8.25%	0.156%
325	15.285	15.264	15.305	HH	46222	949681	10.89%	0.206%
326	15.323	15.305	15.353	HH	37504	954043	10.94%	0.207%
327	15.372	15.353	15.399	HH	35162	931378	10.68%	0.202%
328	15.446	15.399	15.476	HH	42202	1697194	19.47%	0.368%
329	15.518	15.476	15.554	HH	37918	1606836	18.43%	0.348%
330	15.572	15.554	15.578	HH	34469	497027	5.70%	0.108%
331	15.602	15.578	15.636	HH	39246	1258001	14.43%	0.273%
332	15.641	15.636	15.644	HH	34094	147174	1.69%	0.032%
333	15.696	15.644	15.741	HH	183712	4057989	46.55%	0.880%
334	15.748	15.741	15.775	HH	37429	749223	8.59%	0.162%
335	15.792	15.775	15.807	HH	36077	682307	7.83%	0.148%
336	15.822	15.807	15.839	HH	36180	675989	7.75%	0.147%
337	15.878	15.839	15.906	HH	41006	1564921	17.95%	0.339%
338	15.923	15.906	15.938	HH	40834	743682	8.53%	0.161%
339	15.962	15.938	15.981	HH	42928	1073873	12.32%	0.233%
340	15.988	15.981	16.000	HH	42310	459073	5.27%	0.100%
341	16.021	16.000	16.031	HH	42169	793635	9.10%	0.172%
342	16.035	16.031	16.047	HH	42618	404758	4.64%	0.088%
343	16.053	16.047	16.061	HH	41853	331795	3.81%	0.072%
344	16.090	16.061	16.106	HH	49955	1274417	14.62%	0.276%
345	16.122	16.106	16.142	HH	47826	995020	11.41%	0.216%
346	16.170	16.142	16.190	HH	136454	2526412	28.98%	0.548%
347	16.197	16.190	16.231	HH	75337	1418820	16.28%	0.308%
348	16.254	16.231	16.272	HH	46044	1106264	12.69%	0.240%
349	16.302	16.272	16.324	HH	61480	1617854	18.56%	0.351%
350	16.336	16.324	16.371	HH	50694	1374508	15.77%	0.298%
351	16.399	16.371	16.409	HH	49401	1127959	12.94%	0.245%

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352	16.423	16.409	16.432	HH	50014	670189	7.69%	0.145%
353	16.457	16.432	16.466	HH	55424	1077248	12.36%	0.234%
354	16.489	16.466	16.521	HH	104045	2317547	26.59%	0.503%
355	16.548	16.521	16.586	HH	116314	2769228	31.77%	0.600%
356	16.591	16.586	16.595	HH	50137	267313	3.07%	0.058%
357	16.645	16.595	16.672	HH	210929	4580021	52.54%	0.993%
358	16.690	16.672	16.743	HH	71162	2546213	29.21%	0.552%
359	16.769	16.743	16.775	HH	54482	1022598	11.73%	0.222%
360	16.804	16.775	16.840	HH	58731	2205252	25.30%	0.478%
361	16.874	16.840	16.889	HH	59910	1687745	19.36%	0.366%
362	16.913	16.889	16.922	HH	61886	1163081	13.34%	0.252%
363	16.942	16.922	16.989	HH	62319	2449830	28.10%	0.531%
364	16.994	16.989	17.001	HH	57763	396691	4.55%	0.086%
365	17.047	17.001	17.067	HH	69240	2567329	29.45%	0.557%
366	17.089	17.067	17.138	HH	77376	2868800	32.91%	0.622%
367	17.144	17.138	17.166	HH	62353	1026573	11.78%	0.223%
368	17.204	17.166	17.234	HH	68148	2634460	30.22%	0.571%
369	17.251	17.234	17.286	HH	65379	1982592	22.74%	0.430%
370	17.289	17.286	17.294	HH	61540	307379	3.53%	0.067%
371	17.305	17.294	17.314	HH	62727	752367	8.63%	0.163%
372	17.331	17.314	17.344	HH	63392	1121438	12.86%	0.243%
373	17.346	17.344	17.354	HH	63425	391226	4.49%	0.085%
374	17.360	17.354	17.364	HH	63935	367935	4.22%	0.080%
375	17.373	17.364	17.392	HH	64536	1051396	12.06%	0.228%
376	17.421	17.392	17.442	HH	66407	1940159	22.26%	0.421%
377	17.527	17.442	17.587	HH	208381	7878844	90.38%	1.708%
378	17.617	17.587	17.637	HH	73889	2172602	24.92%	0.471%
379	17.659	17.637	17.688	HH	83484	2379564	27.30%	0.516%
380	17.694	17.688	17.728	HH	76890	1800507	20.65%	0.390%
381	17.737	17.728	17.775	HH	74285	2056323	23.59%	0.446%
382	17.800	17.775	17.805	HH	73432	1272140	14.59%	0.276%
383	17.830	17.805	17.879	HH	86240	3539911	40.61%	0.768%
384	17.922	17.879	17.984	HH	131698	6152800	70.58%	1.334%
385	18.025	17.984	18.039	HH	87259	2743461	31.47%	0.595%
386	18.053	18.039	18.071	HH	88996	1617947	18.56%	0.351%
387	18.082	18.071	18.099	HH	86480	1420343	16.29%	0.308%
388	18.107	18.099	18.132	HH	81633	1574893	18.07%	0.341%
389	18.175	18.132	18.209	HH	121229	4147399	47.58%	0.899%
390	18.220	18.209	18.235	HH	81020	1225503	14.06%	0.266%
391	18.258	18.235	18.281	HH	85291	2271454	26.06%	0.493%
392	18.310	18.281	18.327	HH	97271	2466966	28.30%	0.535%
393	18.356	18.327	18.387	HH	217898	4944298	56.72%	1.072%
394	18.410	18.387	18.422	HH	84729	1726697	19.81%	0.374%
395	18.448	18.422	18.473	HH	94464	2730632	31.33%	0.592%
396	18.497	18.473	18.551	HH	93624	4172923	47.87%	0.905%
397	18.558	18.551	18.562	HH	85956	558834	6.41%	0.121%
398	18.619	18.562	18.641	HH	94902	4228390	48.51%	0.917%
399	18.662	18.641	18.671	HH	90311	1599983	18.35%	0.347%
400	18.692	18.671	18.696	HH	92397	1384487	15.88%	0.300%
401	18.750	18.696	18.822	HH	116956	7609601	87.30%	1.650%
402	18.866	18.822	18.908	HH	100737	4973620	57.06%	1.078%
403	18.924	18.908	18.930	HH	95378	1245813	14.29%	0.270%
404	18.947	18.930	18.960	HH	96272	1688221	19.37%	0.366%

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405	18.963	18.960	18.969	HH	94803	537599	6.17%	0.117%
406	18.989	18.969	18.997	HH	96909	1600581	18.36%	0.347%
407	19.005	18.997	19.011	HH	97521	793183	9.10%	0.172%
408	19.014	19.011	19.021	HH	96677	573896	6.58%	0.124%
409	19.038	19.021	19.072	HH	98605	2987879	34.28%	0.648%
410	19.079	19.072	19.086	HH	95668	760912	8.73%	0.165%
411	19.137	19.086	19.175	HH	219431	6981121	80.09%	1.514%
412	19.189	19.175	19.196	HH	104246	1288652	14.78%	0.279%
413	19.198	19.196	19.214	HH	104729	1127707	12.94%	0.245%
414	19.249	19.214	19.284	HH	110161	4442439	50.96%	0.963%
415	19.334	19.284	19.366	HH	120444	5425882	62.24%	1.176%
416	19.399	19.366	19.436	HH	121920	4808675	55.16%	1.043%
417	19.511	19.436	19.530	HH	121850	6510550	74.69%	1.412%
418	19.542	19.530	19.578	HH	117876	3288378	37.72%	0.713%
419	19.584	19.578	19.592	HH	112125	957457	10.98%	0.208%
420	19.617	19.592	19.639	HH	118584	3216754	36.90%	0.697%
421	19.662	19.639	19.676	HH	117063	2568225	29.46%	0.557%
422	19.713	19.676	19.751	HH	137157	5598985	64.23%	1.214%
423	19.780	19.751	19.803	HH	126736	3831957	43.96%	0.831%
424	19.814	19.803	19.836	HH	120957	2321881	26.64%	0.503%
425	19.874	19.836	19.911	HH	218701	6891124	79.05%	1.494%
426	19.929	19.911	19.956	HH	126223	3357055	38.51%	0.728%
427	19.981	19.956	19.993	HH	125882	2776024	31.85%	0.602%
428	20.002	19.993	20.023	HH	126083	2286756	26.23%	0.496%
429	20.040	20.023	20.045	HH	126043	1589172	18.23%	0.345%
430	20.066	20.045	20.081	HH	129977	2798685	32.11%	0.607%
431	20.086	20.081	20.121	HH	129680	3030169	34.76%	0.657%
432	20.138	20.121	20.151	HH	128651	2290991	26.28%	0.497%
433	20.185	20.151	20.198	HH	129197	3587009	41.15%	0.778%
434	20.229	20.198	20.254	HH	139106	4531315	51.98%	0.983%
435	20.266	20.254	20.279	HH	133832	1961431	22.50%	0.425%
436	20.286	20.279	20.289	HH	132986	823959	9.45%	0.179%
437	20.293	20.289	20.297	HH	132232	660650	7.58%	0.143%
438	20.331	20.297	20.347	HH	137271	4056147	46.53%	0.879%
439	20.360	20.347	20.404	HH	139027	4679260	53.68%	1.015%
440	20.409	20.404	20.416	HH	136315	910070	10.44%	0.197%
441	20.427	20.416	20.446	HH	136424	2470402	28.34%	0.536%
442	20.457	20.446	20.482	HH	137738	2913931	33.43%	0.632%
443	20.486	20.482	20.493	HH	134581	901135	10.34%	0.195%
444	20.499	20.493	20.506	HH	134225	1023315	11.74%	0.222%
445	20.513	20.506	20.521	HH	135538	1241057	14.24%	0.269%
446	20.528	20.521	20.536	HH	135480	1210673	13.89%	0.263%
447	20.581	20.536	20.629	HH	216099	8717093	100.00%	1.890%
448	20.646	20.629	20.658	HH	131620	2243042	25.73%	0.486%
449	20.685	20.658	20.689	HH	132557	2482342	28.48%	0.538%
450	20.705	20.689	20.711	HH	133893	1702561	19.53%	0.369%
451	20.714	20.711	20.718	HH	134589	596418	6.84%	0.129%
452	20.721	20.718	20.728	HH	134133	806236	9.25%	0.175%
453	20.732	20.728	20.746	HH	133255	1410236	16.18%	0.306%
454	20.750	20.746	20.786	HH	130893	3113468	35.72%	0.675%
455	20.789	20.786	20.850	HH	129929	4890202	56.10%	1.060%
456	20.855	20.850	20.873	HH	126617	1712961	19.65%	0.371%

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457	20.879	20.873	20.887	HH	126899	1116306	12.81%	0.242%
458	20.894	20.887	20.913	HH	127842	1944450	22.31%	0.422%
459	20.917	20.913	20.923	HH	126843	763701	8.76%	0.166%
460	20.934	20.923	20.939	HH	126889	1167267	13.39%	0.253%
461	20.973	20.939	21.017	HH	135732	6192333	71.04%	1.343%
462	21.039	21.017	21.046	HH	130260	2192375	25.15%	0.475%
463	21.061	21.046	21.131	HH	131988	6489402	74.44%	1.407%
464	21.144	21.131	21.153	HH	122532	1592812	18.27%	0.345%
465	21.158	21.153	21.177	HH	121998	1804102	20.70%	0.391%
466	21.183	21.177	21.190	HH	121526	943583	10.82%	0.205%
467	21.196	21.190	21.211	HH	120807	1449421	16.63%	0.314%
468	21.224	21.211	21.251	HH	121010	2895717	33.22%	0.628%
469	21.272	21.251	21.292	HH	122490	3005215	34.47%	0.652%
470	21.309	21.292	21.329	HH	121655	2676735	30.71%	0.580%
471	21.357	21.329	21.371	HH	124490	3046411	34.95%	0.661%
472	21.413	21.371	21.457	HH	179803	7516942	86.23%	1.630%
473	21.462	21.457	21.522	HH	118438	4524750	51.91%	0.981%
474	21.536	21.522	21.542	HH	116887	1366306	15.67%	0.296%
475	21.560	21.542	21.589	HH	117279	3252853	37.32%	0.705%
476	21.595	21.589	21.612	HH	115520	1629925	18.70%	0.353%
477	21.616	21.612	21.674	HH	114912	4142504	47.52%	0.898%
478	21.681	21.674	21.693	HH	110542	1285263	14.74%	0.279%
479	21.698	21.693	21.701	HH	110098	513531	5.89%	0.111%
480	21.708	21.701	21.721	HH	110349	1308649	15.01%	0.284%
481	21.734	21.721	21.761	HH	111348	2701465	30.99%	0.586%
482	21.771	21.761	21.801	HHA	109935	2631714	30.19%	0.571%
					Sum of corrected areas:		461198042	

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