

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021723\
 Data File : FF012152.D
 Signal(s) : FID2B.ch
 Acq On : 17 Feb 2023 19:02
 Sample : 01586-09
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF012723.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	1.630	1.598	1.662	BV	4060	128274	1.51%	0.043%
2	1.679	1.662	1.752	VV	3687	156153	1.84%	0.053%
3	1.776	1.752	1.811	VV	2814	88127	1.04%	0.030%
4	1.814	1.811	1.823	VV	2342	15981	0.19%	0.005%
5	1.825	1.823	1.836	VV	2314	18165	0.21%	0.006%
6	1.858	1.836	1.900	VV	2815	93671	1.11%	0.032%
7	1.917	1.900	1.947	VV	2441	64433	0.76%	0.022%
8	1.948	1.947	1.953	VV	2169	8218	0.10%	0.003%
9	1.970	1.953	2.012	VV	2194	70866	0.84%	0.024%
10	2.015	2.012	2.038	VV	1886	29163	0.34%	0.010%
11	2.044	2.038	2.051	VV	1842	13440	0.16%	0.005%
12	2.054	2.051	2.060	VV	1858	9758	0.12%	0.003%
13	2.069	2.060	2.113	VV	1868	56165	0.66%	0.019%
14	2.117	2.113	2.133	VV	1665	18466	0.22%	0.006%
15	2.134	2.133	2.138	VV	1591	5462	0.06%	0.002%
16	2.146	2.138	2.150	VV	1631	10809	0.13%	0.004%
17	2.155	2.150	2.175	VV	1607	23716	0.28%	0.008%
18	2.179	2.175	2.185	VV	1492	8343	0.10%	0.003%
19	2.189	2.185	2.200	VV	1535	12799	0.15%	0.004%
20	2.202	2.200	2.217	VV	1438	13859	0.16%	0.005%
21	2.226	2.217	2.252	VV	1395	28615	0.34%	0.010%
22	2.257	2.252	2.273	VV	1316	15577	0.18%	0.005%
23	2.277	2.273	2.284	VV	1260	8104	0.10%	0.003%
24	2.289	2.284	2.295	VV	1328	8534	0.10%	0.003%
25	2.306	2.295	2.355	VV	2019	55098	0.65%	0.019%
26	2.375	2.355	2.440	VV	3561	93331	1.10%	0.032%
27	2.447	2.440	2.468	VV	1270	19494	0.23%	0.007%
28	2.471	2.468	2.476	VV	1115	4682	0.06%	0.002%
29	2.500	2.476	2.527	VV	1074	30311	0.36%	0.010%
30	2.535	2.527	2.541	VV	929	7894	0.09%	0.003%
31	2.550	2.541	2.563	VV	971	12287	0.15%	0.004%
32	2.576	2.563	2.589	VV	916	13607	0.16%	0.005%
33	2.595	2.589	2.603	VV	930	7131	0.08%	0.002%
34	2.610	2.603	2.619	VV	890	8133	0.10%	0.003%
35	2.622	2.619	2.633	VV	875	6682	0.08%	0.002%
36	2.663	2.633	2.693	VV	1172	34835	0.41%	0.012%

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37	2.696	2.693	2.717	VV	899	12278	0.14%	0.004%
38	2.720	2.717	2.743	VV	844	12028	0.14%	0.004%
39	2.778	2.743	2.834	VV	1970	62606	0.74%	0.021%
40	2.858	2.834	2.898	VV	1765	40728	0.48%	0.014%
41	2.903	2.898	2.911	VV	802	5561	0.07%	0.002%
42	2.935	2.911	2.956	VV	1047	22668	0.27%	0.008%
43	2.972	2.956	2.986	VV	1527	22705	0.27%	0.008%
44	2.997	2.986	3.028	VV	1557	31287	0.37%	0.011%
45	3.053	3.028	3.074	VV	1465	30705	0.36%	0.010%
46	3.095	3.074	3.114	VV	1194	24477	0.29%	0.008%
47	3.130	3.114	3.150	VV	835	15981	0.19%	0.005%
48	3.159	3.150	3.193	VV	726	15797	0.19%	0.005%
49	3.220	3.193	3.265	VV	872	27167	0.32%	0.009%
50	3.266	3.265	3.272	VV	559	1976	0.02%	0.001%
51	3.286	3.272	3.291	VV	563	5741	0.07%	0.002%
52	3.295	3.291	3.301	VV	526	2852	0.03%	0.001%
53	3.319	3.301	3.335	VV	881	14282	0.17%	0.005%
54	3.354	3.335	3.397	VV	816	23511	0.28%	0.008%
55	3.403	3.397	3.414	VV	485	4577	0.05%	0.002%
56	3.418	3.414	3.446	VV	490	7587	0.09%	0.003%
57	3.470	3.446	3.527	VV	1539	38060	0.45%	0.013%
58	3.541	3.527	3.620	VV	571	27942	0.33%	0.009%
59	3.625	3.620	3.653	VV	479	8565	0.10%	0.003%
60	3.669	3.653	3.683	VV	598	9360	0.11%	0.003%
61	3.711	3.683	3.774	VV	3358	69327	0.82%	0.023%
62	3.797	3.774	3.835	VV	2475	65315	0.77%	0.022%
63	3.843	3.835	3.875	VV	1277	28079	0.33%	0.009%
64	3.887	3.875	3.913	VV	1132	22660	0.27%	0.008%
65	3.945	3.913	3.961	VV	1735	35502	0.42%	0.012%
66	3.971	3.961	3.982	VV	1275	15028	0.18%	0.005%
67	3.997	3.982	4.027	VV	1163	23652	0.28%	0.008%
68	4.047	4.027	4.055	VV	915	12636	0.15%	0.004%
69	4.064	4.055	4.112	VV	878	17997	0.21%	0.006%
70	4.165	4.112	4.215	VV	4493	94831	1.12%	0.032%
71	4.224	4.215	4.229	VV	1029	7912	0.09%	0.003%
72	4.245	4.229	4.292	VV	1490	33273	0.39%	0.011%
73	4.337	4.292	4.362	VV	1624	40070	0.47%	0.014%
74	4.377	4.362	4.403	VV	1544	26128	0.31%	0.009%
75	4.423	4.403	4.435	VV	910	14426	0.17%	0.005%
76	4.440	4.435	4.462	VV	813	9585	0.11%	0.003%
77	4.467	4.462	4.485	VV	498	6221	0.07%	0.002%
78	4.499	4.485	4.521	VV	550	9766	0.12%	0.003%
79	4.543	4.521	4.583	VV	782	19472	0.23%	0.007%
80	4.607	4.583	4.631	VV	1594	24441	0.29%	0.008%
81	4.654	4.631	4.671	VV	939	15964	0.19%	0.005%
82	4.683	4.671	4.703	VV	809	12448	0.15%	0.004%
83	4.723	4.703	4.750	VV	880	16510	0.19%	0.006%
84	4.776	4.750	4.811	VV	4068	56675	0.67%	0.019%
85	4.839	4.811	4.874	VV	1142	34166	0.40%	0.012%
86	4.891	4.874	4.906	VV	1024	14813	0.17%	0.005%
87	4.922	4.906	4.947	VV	865	15113	0.18%	0.005%
88	4.955	4.947	4.961	VV	540	4289	0.05%	0.001%
89	4.981	4.961	5.009	VV	1980	33878	0.40%	0.011%

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90	5.023	5.009	5.042	VV	917	14356	0.17%	0.005%
91	5.073	5.042	5.094	VV	845	20192	0.24%	0.007%
92	5.122	5.094	5.153	VV	857	19771	0.23%	0.007%
93	5.190	5.153	5.206	VV	398	9217	0.11%	0.003%
94	5.231	5.206	5.260	VV	2231	41671	0.49%	0.014%
95	5.263	5.260	5.279	VV	934	9061	0.11%	0.003%
96	5.284	5.279	5.302	VV	640	7221	0.09%	0.002%
97	5.316	5.302	5.341	VV	883	15949	0.19%	0.005%
98	5.362	5.341	5.379	VV	992	18692	0.22%	0.006%
99	5.398	5.379	5.408	VV	1265	17377	0.21%	0.006%
100	5.423	5.408	5.468	VV	2012	34609	0.41%	0.012%
101	5.490	5.468	5.507	VV	430	7094	0.08%	0.002%
102	5.523	5.507	5.535	VV	482	6501	0.08%	0.002%
103	5.550	5.535	5.574	VV	1634	21513	0.25%	0.007%
104	5.593	5.574	5.607	VV	908	13392	0.16%	0.005%
105	5.619	5.607	5.646	VV	844	12246	0.14%	0.004%
106	5.658	5.646	5.667	VV	300	2992	0.04%	0.001%
107	5.684	5.667	5.723	VV	1578	21049	0.25%	0.007%
108	5.743	5.723	5.810	VV	2641	49011	0.58%	0.017%
109	5.817	5.810	5.833	VV	364	3668	0.04%	0.001%
110	5.857	5.833	5.886	VV	1107	17846	0.21%	0.006%
111	5.909	5.886	5.922	VV	972	13997	0.17%	0.005%
112	5.934	5.922	5.962	VV	1211	19096	0.23%	0.006%
113	5.970	5.962	5.986	VV	490	5958	0.07%	0.002%
114	6.039	5.986	6.052	VV	1233	29316	0.35%	0.010%
115	6.059	6.052	6.088	VV	1078	16428	0.19%	0.006%
116	6.101	6.088	6.120	VV	881	13479	0.16%	0.005%
117	6.135	6.120	6.148	VV	701	8520	0.10%	0.003%
118	6.165	6.148	6.171	VV	643	7650	0.09%	0.003%
119	6.175	6.171	6.200	VV	689	9134	0.11%	0.003%
120	6.221	6.200	6.243	VV	1254	17621	0.21%	0.006%
121	6.278	6.243	6.298	VV	1106	20326	0.24%	0.007%
122	6.321	6.298	6.360	VV	12163	146186	1.73%	0.049%
123	6.370	6.360	6.402	VV	1163	16852	0.20%	0.006%
124	6.417	6.402	6.444	VV	920	13407	0.16%	0.005%
125	6.474	6.444	6.528	VV	2164	51425	0.61%	0.017%
126	6.548	6.528	6.558	VV	667	9121	0.11%	0.003%
127	6.570	6.558	6.591	VV	740	13370	0.16%	0.005%
128	6.610	6.591	6.643	VV	1430	28389	0.34%	0.010%
129	6.644	6.643	6.677	VV	746	11690	0.14%	0.004%
130	6.693	6.677	6.711	VV	799	13413	0.16%	0.005%
131	6.722	6.711	6.746	VV	1143	15678	0.19%	0.005%
132	6.773	6.746	6.801	VV	3901	55983	0.66%	0.019%
133	6.807	6.801	6.837	VV	714	10523	0.12%	0.004%
134	6.860	6.837	6.875	VV	593	9588	0.11%	0.003%
135	6.889	6.875	6.905	VV	739	10014	0.12%	0.003%
136	6.924	6.905	6.943	VV	1714	20653	0.24%	0.007%
137	6.966	6.943	6.986	VV	743	13617	0.16%	0.005%
138	6.999	6.986	7.017	VV	492	5718	0.07%	0.002%
139	7.057	7.017	7.082	PV	785	12025	0.14%	0.004%
140	7.105	7.082	7.127	VV	712	11998	0.14%	0.004%
141	7.137	7.127	7.153	VV	361	4238	0.05%	0.001%

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142	7.184	7.153	7.206	VV	1016	15887	0.19%	0.005%
143	7.227	7.206	7.246	VV	602	9942	0.12%	0.003%
144	7.266	7.246	7.287	VV	2358	36034	0.43%	0.012%
145	7.305	7.287	7.312	VV	1823	23764	0.28%	0.008%
146	7.324	7.312	7.338	VV	2443	30365	0.36%	0.010%
147	7.347	7.338	7.374	VV	1830	24890	0.29%	0.008%
148	7.415	7.374	7.436	VV	8266	108411	1.28%	0.037%
149	7.445	7.436	7.458	VV	1466	16961	0.20%	0.006%
150	7.462	7.458	7.474	VV	1125	8619	0.10%	0.003%
151	7.491	7.474	7.533	VV	2776	45181	0.53%	0.015%
152	7.552	7.533	7.575	VV	5611	63604	0.75%	0.021%
153	7.590	7.575	7.608	VV	1367	19208	0.23%	0.006%
154	7.618	7.608	7.635	VV	721	9800	0.12%	0.003%
155	7.645	7.635	7.656	VV	710	7480	0.09%	0.003%
156	7.679	7.656	7.690	VV	787	13891	0.16%	0.005%
157	7.717	7.690	7.752	VV	5739	83743	0.99%	0.028%
158	7.766	7.752	7.777	VV	744	9500	0.11%	0.003%
159	7.790	7.777	7.798	VV	632	7413	0.09%	0.003%
160	7.807	7.798	7.826	VV	714	8951	0.11%	0.003%
161	7.843	7.826	7.868	VV	517	10384	0.12%	0.004%
162	7.894	7.868	7.933	VV	1627	31559	0.37%	0.011%
163	7.950	7.933	7.968	VV	685	8580	0.10%	0.003%
164	7.977	7.968	7.984	PV	295	1784	0.02%	0.001%
165	7.992	7.984	7.997	VV	253	1662	0.02%	0.001%
166	8.019	7.997	8.027	VV	548	7011	0.08%	0.002%
167	8.038	8.027	8.043	VV	456	4000	0.05%	0.001%
168	8.058	8.043	8.080	VV	936	13475	0.16%	0.005%
169	8.084	8.080	8.101	VV	587	5304	0.06%	0.002%
170	8.122	8.101	8.129	VV	585	7701	0.09%	0.003%
171	8.153	8.129	8.190	VV	2924	54491	0.64%	0.018%
172	8.202	8.190	8.227	VV	1187	18388	0.22%	0.006%
173	8.244	8.227	8.269	VV	1148	17078	0.20%	0.006%
174	8.291	8.269	8.301	VV	1743	20884	0.25%	0.007%
175	8.312	8.301	8.324	VV	1778	20482	0.24%	0.007%
176	8.337	8.324	8.371	VV	1809	37654	0.44%	0.013%
177	8.375	8.371	8.393	VV	651	6325	0.07%	0.002%
178	8.416	8.393	8.459	VV	5493	95887	1.13%	0.032%
179	8.484	8.459	8.499	VV	1759	31051	0.37%	0.010%
180	8.504	8.499	8.513	VV	1467	11612	0.14%	0.004%
181	8.531	8.513	8.546	VV	6556	74537	0.88%	0.025%
182	8.559	8.546	8.576	VV	5125	61024	0.72%	0.021%
183	8.598	8.576	8.629	VV	9774	133401	1.57%	0.045%
184	8.643	8.629	8.661	VV	1269	17085	0.20%	0.006%
185	8.716	8.661	8.750	VV	3960	109410	1.29%	0.037%
186	8.766	8.750	8.785	VV	2283	30977	0.37%	0.010%
187	8.791	8.785	8.795	VV	890	4847	0.06%	0.002%
188	8.809	8.795	8.841	VV	1601	28663	0.34%	0.010%
189	8.850	8.841	8.869	VV	600	7346	0.09%	0.002%
190	8.888	8.869	8.903	VV	434	8041	0.09%	0.003%
191	8.907	8.903	8.922	VV	514	3961	0.05%	0.001%
192	8.931	8.922	8.943	VV	338	3217	0.04%	0.001%
193	8.968	8.943	8.988	VV	1520	27415	0.32%	0.009%
194	9.015	8.988	9.042	VV	16140	187845	2.22%	0.063%

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195	9.062	9.042	9.081	VV	3836	61788	0.73%	0.021%
196	9.091	9.081	9.114	VV	1919	32852	0.39%	0.011%
197	9.136	9.114	9.162	VV	6342	91381	1.08%	0.031%
198	9.188	9.162	9.198	VV	1349	22473	0.27%	0.008%
199	9.218	9.198	9.237	VV	1859	31235	0.37%	0.011%
200	9.255	9.237	9.273	VV	3898	50859	0.60%	0.017%
201	9.290	9.273	9.311	VV	9829	115850	1.37%	0.039%
202	9.329	9.311	9.368	VV	2448	67246	0.79%	0.023%
203	9.376	9.368	9.392	VV	1751	21128	0.25%	0.007%
204	9.425	9.392	9.448	VV	12608	165070	1.95%	0.056%
205	9.468	9.448	9.493	VV	3784	53625	0.63%	0.018%
206	9.506	9.493	9.548	VV	926	16408	0.19%	0.006%
207	9.584	9.548	9.602	VV	3044	39303	0.46%	0.013%
208	9.617	9.602	9.648	VV	2361	29849	0.35%	0.010%
209	9.664	9.648	9.685	VV	761	10465	0.12%	0.004%
210	9.721	9.685	9.740	VV	3149	49985	0.59%	0.017%
211	9.756	9.740	9.776	VV	1859	26655	0.31%	0.009%
212	9.805	9.776	9.856	VV	12158	185737	2.19%	0.063%
213	9.884	9.856	9.914	VV	5016	90709	1.07%	0.031%
214	9.928	9.914	9.941	VV	2594	30214	0.36%	0.010%
215	9.958	9.941	9.972	VV	4057	50870	0.60%	0.017%
216	9.983	9.972	9.997	VV	2604	29797	0.35%	0.010%
217	10.020	9.997	10.055	VV	2646	58400	0.69%	0.020%
218	10.079	10.055	10.107	VV	27475	306592	3.62%	0.104%
219	10.127	10.107	10.184	VV	5245	131444	1.55%	0.044%
220	10.205	10.184	10.221	VV	11891	151925	1.79%	0.051%
221	10.228	10.221	10.275	VV	5613	79221	0.94%	0.027%
222	10.292	10.275	10.297	VV	1461	14512	0.17%	0.005%
223	10.312	10.297	10.343	VV	2546	40745	0.48%	0.014%
224	10.389	10.343	10.443	VV	1663	42917	0.51%	0.015%
225	10.448	10.443	10.462	VV	155	977	0.01%	0.000%
226	10.483	10.462	10.500	PV	814	9794	0.12%	0.003%
227	10.516	10.500	10.524	VV	425	4773	0.06%	0.002%
228	10.550	10.524	10.569	VV	2387	34203	0.40%	0.012%
229	10.595	10.569	10.621	VV	6163	90039	1.06%	0.030%
230	10.659	10.621	10.671	VV	3175	62106	0.73%	0.021%
231	10.687	10.671	10.713	VV	4369	63680	0.75%	0.022%
232	10.733	10.713	10.772	PV	3736	59297	0.70%	0.020%
233	10.804	10.772	10.827	VV	2539	51319	0.61%	0.017%
234	10.832	10.827	10.841	VV	1275	9442	0.11%	0.003%
235	10.864	10.841	10.894	VV	11541	185107	2.19%	0.063%
236	10.901	10.894	10.917	VV	2214	25892	0.31%	0.009%
237	10.945	10.917	10.965	VV	13092	170963	2.02%	0.058%
238	10.976	10.965	10.990	VV	2928	34352	0.41%	0.012%
239	11.015	10.990	11.065	VV	14385	237429	2.80%	0.080%
240	11.076	11.065	11.098	VV	1480	20131	0.24%	0.007%
241	11.114	11.098	11.148	VV	2440	47607	0.56%	0.016%
242	11.180	11.148	11.189	VV	2732	45134	0.53%	0.015%
243	11.214	11.189	11.264	VV	130226	1438583	16.98%	0.486%
244	11.289	11.264	11.311	VV	34131	400743	4.73%	0.135%
245	11.318	11.311	11.334	VV	3887	45986	0.54%	0.016%
246	11.338	11.334	11.357	VV	2818	26055	0.31%	0.009%

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247	11.363	11.357	11.380	VV	1437	17261	0.20%	0.006%
248	11.397	11.380	11.413	VV	1465	22055	0.26%	0.007%
249	11.424	11.413	11.437	VV	786	7607	0.09%	0.003%
250	11.461	11.437	11.482	VV	2428	31886	0.38%	0.011%
251	11.504	11.482	11.544	VV	14920	179060	2.11%	0.060%
252	11.578	11.544	11.596	PV	1467	23478	0.28%	0.008%
253	11.617	11.596	11.627	VV	2130	28902	0.34%	0.010%
254	11.647	11.627	11.694	VV	12320	172266	2.03%	0.058%
255	11.739	11.694	11.773	VV	10773	175102	2.07%	0.059%
256	11.783	11.773	11.788	VV	312	1923	0.02%	0.001%
257	11.813	11.788	11.819	VV	1718	18905	0.22%	0.006%
258	11.842	11.819	11.860	VV	10264	131201	1.55%	0.044%
259	11.868	11.860	11.883	VV	2922	32566	0.38%	0.011%
260	11.908	11.883	11.926	VV	3195	62607	0.74%	0.021%
261	11.949	11.926	11.954	VV	2867	36034	0.43%	0.012%
262	11.963	11.954	11.986	VV	2836	37889	0.45%	0.013%
263	12.017	11.986	12.033	VV	14483	187370	2.21%	0.063%
264	12.049	12.033	12.093	VV	19154	265273	3.13%	0.090%
265	12.133	12.093	12.151	VV	14745	256396	3.03%	0.087%
266	12.167	12.151	12.181	VV	10535	126198	1.49%	0.043%
267	12.198	12.181	12.227	VV	12925	159376	1.88%	0.054%
268	12.318	12.227	12.364	PV	11982	256582	3.03%	0.087%
269	12.383	12.364	12.404	VV	8952	115095	1.36%	0.039%
270	12.418	12.404	12.441	VV	3398	51927	0.61%	0.018%
271	12.450	12.441	12.462	VV	943	9057	0.11%	0.003%
272	12.486	12.462	12.508	VV	9679	128532	1.52%	0.043%
273	12.519	12.508	12.534	VV	2425	27961	0.33%	0.009%
274	12.565	12.534	12.619	VV	17490	292045	3.45%	0.099%
275	12.633	12.619	12.649	VV	2393	29853	0.35%	0.010%
276	12.666	12.649	12.671	VV	1442	14039	0.17%	0.005%
277	12.674	12.671	12.678	VV	1318	5626	0.07%	0.002%
278	12.698	12.678	12.715	VV	3355	51693	0.61%	0.017%
279	12.734	12.715	12.748	VV	3395	53310	0.63%	0.018%
280	12.762	12.748	12.773	VV	2400	32282	0.38%	0.011%
281	12.781	12.773	12.793	VV	2266	21842	0.26%	0.007%
282	12.809	12.793	12.851	VV	5497	96533	1.14%	0.033%
283	12.876	12.851	12.899	PV	9172	132067	1.56%	0.045%
284	12.920	12.899	12.938	VV	11414	157557	1.86%	0.053%
285	12.958	12.938	12.977	VV	17334	234805	2.77%	0.079%
286	12.984	12.977	13.006	VV	5899	66096	0.78%	0.022%
287	13.040	13.006	13.083	VV	191301	2199209	25.96%	0.743%
288	13.102	13.083	13.120	VV	2572	30697	0.36%	0.010%
289	13.136	13.120	13.152	PV	1233	12516	0.15%	0.004%
290	13.192	13.152	13.200	VV	3506	68954	0.81%	0.023%
291	13.225	13.200	13.238	VV	7552	115470	1.36%	0.039%
292	13.248	13.238	13.264	VV	4769	60717	0.72%	0.021%
293	13.267	13.264	13.279	VV	2951	23610	0.28%	0.008%
294	13.285	13.279	13.305	VV	2624	26430	0.31%	0.009%
295	13.340	13.305	13.374	VV	149560	1771676	20.92%	0.599%
296	13.393	13.374	13.408	VV	17606	219275	2.59%	0.074%
297	13.424	13.408	13.488	VV	16874	269872	3.19%	0.091%
298	13.511	13.488	13.525	VV	6682	84829	1.00%	0.029%
299	13.541	13.525	13.556	VV	8573	107628	1.27%	0.036%

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300	13.572	13.556	13.588	VV	11176	140423	1.66%	0.047%
301	13.604	13.588	13.629	VV	12348	185436	2.19%	0.063%
302	13.641	13.629	13.654	VV	4493	57738	0.68%	0.020%
303	13.678	13.654	13.705	VV	5843	110719	1.31%	0.037%
304	13.736	13.705	13.750	VV	5517	82447	0.97%	0.028%
305	13.760	13.750	13.775	VV	2847	30409	0.36%	0.010%
306	13.799	13.775	13.824	VV	12534	179903	2.12%	0.061%
307	13.843	13.824	13.848	VV	1512	17015	0.20%	0.006%
308	13.851	13.848	13.870	VV	1333	10366	0.12%	0.004%
309	13.927	13.870	13.961	PV	18520	332093	3.92%	0.112%
310	13.992	13.961	14.010	VV	3445	55847	0.66%	0.019%
311	14.036	14.010	14.058	VV	15615	209772	2.48%	0.071%
312	14.076	14.058	14.095	VV	11868	157447	1.86%	0.053%
313	14.114	14.095	14.134	VV	6610	100249	1.18%	0.034%
314	14.159	14.134	14.180	VV	21622	308364	3.64%	0.104%
315	14.185	14.180	14.190	VV	7489	42022	0.50%	0.014%
316	14.206	14.190	14.230	VV	13190	198664	2.35%	0.067%
317	14.248	14.230	14.290	VV	10044	157181	1.86%	0.053%
318	14.316	14.290	14.343	VV	2372	51160	0.60%	0.017%
319	14.392	14.343	14.422	PV	4249	111985	1.32%	0.038%
320	14.434	14.422	14.443	VV	1948	20374	0.24%	0.007%
321	14.458	14.443	14.475	VV	2135	31575	0.37%	0.011%
322	14.487	14.475	14.502	VV	1693	18093	0.21%	0.006%
323	14.521	14.502	14.531	PV	1960	18759	0.22%	0.006%
324	14.569	14.531	14.607	VV	5037	151218	1.79%	0.051%
325	14.632	14.607	14.647	VV	5121	83502	0.99%	0.028%
326	14.669	14.647	14.701	VV	18606	287093	3.39%	0.097%
327	14.723	14.701	14.750	VV	14970	201325	2.38%	0.068%
328	14.786	14.750	14.813	VV	4867	129129	1.52%	0.044%
329	14.844	14.813	14.868	VV	17182	273316	3.23%	0.092%
330	14.873	14.868	14.882	VV	2814	19145	0.23%	0.006%
331	14.909	14.882	14.931	VV	18984	285108	3.37%	0.096%
332	14.949	14.931	14.958	VV	7940	95649	1.13%	0.032%
333	14.973	14.958	15.010	VV	17334	240177	2.84%	0.081%
334	15.059	15.010	15.089	VV	100640	1461743	17.26%	0.494%
335	15.095	15.089	15.138	VV	5252	82556	0.97%	0.028%
336	15.174	15.138	15.190	VV	5914	87679	1.04%	0.030%
337	15.222	15.190	15.242	VV	94932	1215711	14.35%	0.411%
338	15.263	15.242	15.291	VV	104334	1265400	14.94%	0.428%
339	15.313	15.291	15.335	PV	5834	83542	0.99%	0.028%
340	15.384	15.335	15.422	VV	19074	377424	4.46%	0.128%
341	15.427	15.422	15.438	VV	2970	25687	0.30%	0.009%
342	15.465	15.438	15.495	VV	9570	152302	1.80%	0.051%
343	15.525	15.495	15.551	PV	14125	239572	2.83%	0.081%
344	15.580	15.551	15.621	VV	8083	199875	2.36%	0.068%
345	15.650	15.621	15.728	PV	42261	1123542	13.26%	0.380%
346	15.737	15.728	15.755	VV	3540	31094	0.37%	0.011%
347	15.784	15.755	15.828	PV	20803	390225	4.61%	0.132%
348	15.865	15.828	15.875	VV	4835	114611	1.35%	0.039%
349	15.896	15.875	15.916	VV	20416	268453	3.17%	0.091%
350	15.933	15.916	15.964	VV	11005	145532	1.72%	0.049%
351	15.983	15.964	15.990	VV	3292	29163	0.34%	0.010%

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352	16.013	15.990	16.023	VV	3479	53903	0.64%	0.018%
353	16.055	16.023	16.086	VV	12389	283890	3.35%	0.096%
354	16.095	16.086	16.106	VV	3293	33285	0.39%	0.011%
355	16.133	16.106	16.148	VV	5767	75749	0.89%	0.026%
356	16.185	16.148	16.197	VV	3394	58684	0.69%	0.020%
357	16.216	16.197	16.233	VV	6308	82124	0.97%	0.028%
358	16.286	16.233	16.308	VV	27799	455878	5.38%	0.154%
359	16.328	16.308	16.362	VV	9164	182344	2.15%	0.062%
360	16.381	16.362	16.396	VV	1991	25066	0.30%	0.008%
361	16.415	16.396	16.421	PV	681	7562	0.09%	0.003%
362	16.435	16.421	16.449	VV	2143	16956	0.20%	0.006%
363	16.493	16.449	16.525	PV	9128	233502	2.76%	0.079%
364	16.535	16.525	16.550	VV	4342	49143	0.58%	0.017%
365	16.580	16.550	16.598	VV	10211	206142	2.43%	0.070%
366	16.604	16.598	16.618	VV	8278	67474	0.80%	0.023%
367	16.695	16.618	16.714	VV	13172	438929	5.18%	0.148%
368	16.726	16.714	16.743	VV	6940	92113	1.09%	0.031%
369	16.790	16.743	16.808	VV	103326	1793096	21.17%	0.606%
370	16.817	16.808	16.852	VV	42029	508668	6.01%	0.172%
371	16.884	16.852	16.888	VV	5687	88481	1.04%	0.030%
372	16.921	16.888	16.946	VV	25777	466562	5.51%	0.158%
373	16.995	16.946	17.024	VV	10221	390185	4.61%	0.132%
374	17.048	17.024	17.055	VV	7147	101467	1.20%	0.034%
375	17.076	17.055	17.083	VV	12363	169160	2.00%	0.057%
376	17.113	17.083	17.144	VV	67578	1098325	12.97%	0.371%
377	17.171	17.144	17.208	VV	78835	1198585	14.15%	0.405%
378	17.238	17.208	17.256	VV	48535	789728	9.32%	0.267%
379	17.274	17.256	17.295	VV	44872	725376	8.56%	0.245%
380	17.317	17.295	17.337	VV	25051	477022	5.63%	0.161%
381	17.343	17.337	17.351	VV	12690	93290	1.10%	0.032%
382	17.355	17.351	17.359	VV	11429	53748	0.63%	0.018%
383	17.365	17.359	17.369	VV	11181	62898	0.74%	0.021%
384	17.417	17.369	17.445	VV	20284	711002	8.39%	0.240%
385	17.451	17.445	17.456	VV	16474	97502	1.15%	0.033%
386	17.475	17.456	17.479	VV	18282	215341	2.54%	0.073%
387	17.499	17.479	17.506	VV	20620	301734	3.56%	0.102%
388	17.509	17.506	17.518	VV	18393	121773	1.44%	0.041%
389	17.543	17.518	17.549	VV	19569	350447	4.14%	0.118%
390	17.568	17.549	17.596	VV	25863	609193	7.19%	0.206%
391	17.617	17.596	17.655	VV	26522	793838	9.37%	0.268%
392	17.686	17.655	17.716	VV	52801	1227975	14.50%	0.415%
393	17.756	17.716	17.760	VV	19917	493000	5.82%	0.167%
394	17.773	17.760	17.793	VV	23891	400393	4.73%	0.135%
395	17.822	17.793	17.856	VV	31031	924168	10.91%	0.312%
396	17.880	17.856	17.916	VV	27584	851841	10.06%	0.288%
397	17.930	17.916	17.942	VV	20861	299973	3.54%	0.101%
398	17.975	17.942	18.002	VV	26540	791716	9.35%	0.267%
399	18.047	18.002	18.053	VV	30773	778600	9.19%	0.263%
400	18.061	18.053	18.070	VV	30363	294423	3.48%	0.099%
401	18.074	18.070	18.078	VV	29610	139195	1.64%	0.047%
402	18.131	18.078	18.166	VV	68705	2339612	27.62%	0.790%
403	18.220	18.166	18.243	VV	46207	1568673	18.52%	0.530%
404	18.290	18.243	18.311	VV	78463	2054669	24.26%	0.694%

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405	18.316	18.311	18.360	VV	49644	1234789	14.58%	0.417%
406	18.374	18.360	18.382	VV	33020	413600	4.88%	0.140%
407	18.408	18.382	18.415	VV	32679	634316	7.49%	0.214%
408	18.462	18.415	18.473	VV	55702	1392356	16.44%	0.470%
409	18.495	18.473	18.526	VV	62596	1709604	20.18%	0.578%
410	18.552	18.526	18.581	VV	113880	2415909	28.52%	0.816%
411	18.587	18.581	18.610	VV	46957	793537	9.37%	0.268%
412	18.625	18.610	18.636	VV	52831	757766	8.95%	0.256%
413	18.661	18.636	18.702	VV	87920	2613635	30.86%	0.883%
414	18.717	18.702	18.762	VV	59409	1894505	22.37%	0.640%
415	18.767	18.762	18.772	VV	48871	284002	3.35%	0.096%
416	18.809	18.772	18.838	VV	85658	2474898	29.22%	0.836%
417	18.854	18.838	18.873	VV	56596	1130798	13.35%	0.382%
418	18.882	18.873	18.887	VV	55350	484086	5.72%	0.164%
419	18.898	18.887	18.905	VV	54864	571956	6.75%	0.193%
420	18.962	18.905	19.008	VV	93372	4172864	49.26%	1.410%
421	19.044	19.008	19.048	VV	61491	1348961	15.93%	0.456%
422	19.081	19.048	19.107	VV	85779	2568005	30.32%	0.868%
423	19.131	19.107	19.149	VV	85986	1854784	21.90%	0.627%
424	19.153	19.149	19.173	VV	69836	959686	11.33%	0.324%
425	19.187	19.173	19.192	VV	64966	718630	8.48%	0.243%
426	19.221	19.192	19.226	VV	69604	1351588	15.96%	0.457%
427	19.259	19.226	19.273	VV	75418	2020293	23.85%	0.683%
428	19.286	19.273	19.296	VV	70610	953060	11.25%	0.322%
429	19.358	19.296	19.389	VV	112285	4989212	58.90%	1.686%
430	19.412	19.389	19.437	VV	102157	2612452	30.84%	0.883%
431	19.482	19.437	19.502	VV	103050	3599766	42.50%	1.216%
432	19.509	19.502	19.535	VV	96402	1827613	21.58%	0.617%
433	19.552	19.535	19.558	VV	89644	1189102	14.04%	0.402%
434	19.565	19.558	19.574	VV	89993	864724	10.21%	0.292%
435	19.597	19.574	19.612	VV	91633	1982662	23.41%	0.670%
436	19.635	19.612	19.650	VV	93565	2070941	24.45%	0.700%
437	19.684	19.650	19.701	VV	97240	2850331	33.65%	0.963%
438	19.751	19.701	19.769	VV	124598	4414379	52.12%	1.491%
439	19.791	19.769	19.813	VV	121378	2981549	35.20%	1.007%
440	19.832	19.813	19.846	VV	114881	2236755	26.41%	0.756%
441	19.858	19.846	19.863	VV	113624	1173774	13.86%	0.397%
442	19.871	19.863	19.875	VV	113414	781619	9.23%	0.264%
443	19.882	19.875	19.890	VV	118482	1053969	12.44%	0.356%
444	19.898	19.890	19.914	VV	117619	1667722	19.69%	0.563%
445	19.919	19.914	19.926	VV	113454	785231	9.27%	0.265%
446	19.940	19.926	19.948	VV	116285	1557194	18.38%	0.526%
447	19.971	19.948	19.985	VV	133234	2734209	32.28%	0.924%
448	19.989	19.985	19.995	VV	126510	748393	8.84%	0.253%
449	20.000	19.995	20.008	VV	122898	949149	11.21%	0.321%
450	20.037	20.008	20.067	VV	138880	4602256	54.33%	1.555%
451	20.071	20.067	20.079	VV	124150	906525	10.70%	0.306%
452	20.123	20.079	20.153	VV	167089	6423401	75.83%	2.170%
453	20.183	20.153	20.189	VV	148849	3103770	36.64%	1.049%
454	20.193	20.189	20.216	VV	146835	2323843	27.44%	0.785%
455	20.222	20.216	20.226	VV	141560	850648	10.04%	0.287%
456	20.232	20.226	20.237	VV	143751	862226	10.18%	0.291%

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457	20.247	20.237	20.253	VV	146248	1429599	16.88%	0.483%
458	20.259	20.253	20.263	VV	142541	830591	9.81%	0.281%
459	20.289	20.263	20.293	VV	149853	2645525	31.23%	0.894%
460	20.305	20.293	20.321	VV	152622	2431517	28.71%	0.822%
461	20.339	20.321	20.343	VV	154766	1995241	23.56%	0.674%
462	20.358	20.343	20.366	VV	162976	2142863	25.30%	0.724%
463	20.376	20.366	20.380	VV	157023	1312608	15.50%	0.443%
464	20.415	20.380	20.435	VV	172565	5337743	63.02%	1.803%
465	20.454	20.435	20.462	VV	166936	2634186	31.10%	0.890%
466	20.490	20.462	20.524	VV	191169	6493541	76.66%	2.194%
467	20.527	20.524	20.532	VV	163776	751927	8.88%	0.254%
468	20.574	20.532	20.596	VV	186082	6698774	79.09%	2.263%
469	20.604	20.596	20.610	VV	177515	1502591	17.74%	0.508%
470	20.616	20.610	20.622	VV	180689	1235687	14.59%	0.418%
471	20.673	20.622	20.680	VV	195376	6539107	77.20%	2.209%
472	20.714	20.680	20.742	VV	209441	7358176	86.87%	2.486%
473	20.752	20.742	20.819	VV	194183	8470320	100.00%	2.862%
474	20.846	20.819	20.876	VV	187008	5968299	70.46%	2.017%
475	20.888	20.876	20.893	VV	165356	1643715	19.41%	0.555%
476	20.912	20.893	20.916	VV	170186	2348201	27.72%	0.793%
477	20.923	20.916	20.936	VV	171139	1980623	23.38%	0.669%
478	20.958	20.936	20.963	VV	176523	2805836	33.13%	0.948%
479	20.972	20.963	21.038	VV	177747	7585898	89.56%	2.563%
480	21.043	21.038	21.050	VV	157754	1140144	13.46%	0.385%
481	21.054	21.050	21.081	VV	155918	2857544	33.74%	0.965%
482	21.085	21.081	21.091	VV	151961	906611	10.70%	0.306%
483	21.096	21.091	21.120	VV	152574	2573999	30.39%	0.870%
484	21.126	21.120	21.133	VV	141309	1122094	13.25%	0.379%
485	21.152	21.133	21.159	VV	139592	2113567	24.95%	0.714%
486	21.168	21.159	21.173	VV	138854	1181179	13.94%	0.399%
487	21.185	21.173	21.190	VV	139572	1408665	16.63%	0.476%
488	21.197	21.190	21.205	VV	139978	1242730	14.67%	0.420%
489	21.236	21.205	21.272	VV	152541	5674762	67.00%	1.917%
490	21.276	21.272	21.316	VV	126932	3201582	37.80%	1.082%
491	21.324	21.316	21.334	VV	119474	1298199	15.33%	0.439%
492	21.337	21.334	21.344	VV	118197	711612	8.40%	0.240%
493	21.351	21.344	21.377	VV	118539	2249095	26.55%	0.760%
494	21.387	21.377	21.393	VV	114837	1144690	13.51%	0.387%
495	21.397	21.393	21.401	VV	114656	514090	6.07%	0.174%
496	21.417	21.401	21.436	VV	116765	2389587	28.21%	0.807%
497	21.444	21.436	21.468	VV	109613	2036180	24.04%	0.688%
498	21.472	21.468	21.483	VV	107073	949212	11.21%	0.321%
499	21.487	21.483	21.516	VV	103855	1989802	23.49%	0.672%
500	21.523	21.516	21.560	VV	95364	2429293	28.68%	0.821%
501	21.567	21.560	21.613	VV	90698	2686775	31.72%	0.908%
502	21.615	21.613	21.623	VV	76546	492017	5.81%	0.166%
503	21.631	21.623	21.636	VV	75174	558430	6.59%	0.189%
504	21.670	21.636	21.735	VV	90070	4647191	54.86%	1.570%
505	21.775	21.735	21.780	VV	72218	1874272	22.13%	0.633%
506	21.788	21.780	21.808	VV	72505	1173098	13.85%	0.396%
507	21.815	21.808	21.858	VV	66381	1825959	21.56%	0.617%
508	21.898	21.858	21.935	VV	59627	2495395	29.46%	0.843%
509	21.943	21.935	21.986	VV	47338	1272299	15.02%	0.430%

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510	21.995	21.986	22.004	VV	35393	379955	4.49%	0.128%
511	22.008	22.004	22.024	VV	33906	371009	4.38%	0.125%
512	22.028	22.024	22.043	VV	28927	307262	3.63%	0.104%
513	22.046	22.043	22.051	VV	25358	119127	1.41%	0.040%
514	22.054	22.051	22.069	VV	24202	247352	2.92%	0.084%
515	22.108	22.069	22.117	VV	31590	772766	9.12%	0.261%
516	22.121	22.117	22.134	VV	29033	291378	3.44%	0.098%
517	22.165	22.134	22.248	VV	39360	1469398	17.35%	0.496%
518	22.252	22.248	22.266	VV	3525	24260	0.29%	0.008%
519	22.274	22.266	22.284	VV	2498	13107	0.15%	0.004%
520	22.332	22.284	22.345	PV	6644	162022	1.91%	0.055%
521	22.354	22.345	22.361	VV	4228	37371	0.44%	0.013%
522	22.366	22.361	22.379	VV	3405	21960	0.26%	0.007%
523	22.389	22.379	22.400	PBA	3355	123012	1.45%	0.042%
					Sum of corrected areas:		295970267	

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