

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021723\
 Data File : FF012146.D
 Signal(s) : FID2B.ch
 Acq On : 17 Feb 2023 16:04
 Sample : 01586-01
 Misc :
 ALS Vial : 57 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	1.629	1.598	1.663	BV	2122	64901	1.21%	0.026%
2	1.678	1.663	1.756	VV	1955	80541	1.50%	0.033%
3	1.776	1.756	1.807	VV	1482	38237	0.71%	0.016%
4	1.817	1.807	1.825	VV	1183	12179	0.23%	0.005%
5	1.860	1.825	1.903	VV	1481	57094	1.06%	0.023%
6	1.914	1.903	1.949	VV	1312	31164	0.58%	0.013%
7	1.954	1.949	1.964	VV	1038	8794	0.16%	0.004%
8	1.967	1.964	2.007	VV	1048	23787	0.44%	0.010%
9	2.012	2.007	2.037	VV	865	14586	0.27%	0.006%
10	2.041	2.037	2.053	VV	837	7526	0.14%	0.003%
11	2.070	2.053	2.108	VV	930	27275	0.51%	0.011%
12	2.121	2.108	2.132	VV	755	10152	0.19%	0.004%
13	2.148	2.132	2.154	VV	826	9726	0.18%	0.004%
14	2.157	2.154	2.178	VV	765	10020	0.19%	0.004%
15	2.184	2.178	2.194	VV	671	6011	0.11%	0.002%
16	2.196	2.194	2.208	VV	662	5131	0.10%	0.002%
17	2.213	2.208	2.228	VV	682	6739	0.13%	0.003%
18	2.234	2.228	2.257	VV	634	9615	0.18%	0.004%
19	2.264	2.257	2.298	VV	599	12379	0.23%	0.005%
20	2.311	2.298	2.351	VV	1058	22473	0.42%	0.009%
21	2.353	2.351	2.359	VV	583	2677	0.05%	0.001%
22	2.377	2.359	2.442	VV	2307	48989	0.91%	0.020%
23	2.446	2.442	2.479	VV	613	10919	0.20%	0.004%
24	2.489	2.479	2.493	VV	454	3827	0.07%	0.002%
25	2.498	2.493	2.521	VV	557	7150	0.13%	0.003%
26	2.527	2.521	2.535	VV	464	3407	0.06%	0.001%
27	2.538	2.535	2.543	VV	416	1839	0.03%	0.001%
28	2.557	2.543	2.580	VV	444	8549	0.16%	0.003%
29	2.583	2.580	2.617	VV	433	7961	0.15%	0.003%
30	2.621	2.617	2.643	VV	389	5462	0.10%	0.002%
31	2.658	2.643	2.693	VV	631	13316	0.25%	0.005%
32	2.697	2.693	2.702	VV	401	1862	0.03%	0.001%
33	2.705	2.702	2.714	VV	332	2241	0.04%	0.001%
34	2.723	2.714	2.735	VV	378	3820	0.07%	0.002%
35	2.778	2.735	2.833	VV	935	27575	0.51%	0.011%
36	2.868	2.833	2.881	VV	436	9056	0.17%	0.004%

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37	2.888	2.881	2.903	VV	446	4795	0.09%	0.002%
38	2.909	2.903	2.916	VV	354	2520	0.05%	0.001%
39	2.932	2.916	2.953	VV	579	9279	0.17%	0.004%
40	2.974	2.953	2.982	VV	914	11655	0.22%	0.005%
41	2.998	2.982	3.033	VV	994	21406	0.40%	0.009%
42	3.046	3.033	3.073	VV	631	12031	0.22%	0.005%
43	3.097	3.073	3.116	VV	657	13178	0.24%	0.005%
44	3.120	3.116	3.145	VV	401	6792	0.13%	0.003%
45	3.149	3.145	3.182	VV	400	6787	0.13%	0.003%
46	3.187	3.182	3.203	VV	280	3150	0.06%	0.001%
47	3.225	3.203	3.251	VV	509	10228	0.19%	0.004%
48	3.254	3.251	3.263	VV	379	2014	0.04%	0.001%
49	3.266	3.263	3.292	VV	304	4369	0.08%	0.002%
50	3.299	3.292	3.309	VV	258	2389	0.04%	0.001%
51	3.313	3.309	3.317	VV	243	1038	0.02%	0.000%
52	3.352	3.317	3.386	VV	532	15281	0.28%	0.006%
53	3.389	3.386	3.399	VV	261	1970	0.04%	0.001%
54	3.405	3.399	3.423	VV	281	3155	0.06%	0.001%
55	3.431	3.423	3.453	VV	214	3192	0.06%	0.001%
56	3.475	3.453	3.523	VV	673	15672	0.29%	0.006%
57	3.526	3.523	3.535	VV	317	1921	0.04%	0.001%
58	3.542	3.535	3.569	VV	400	5915	0.11%	0.002%
59	3.604	3.569	3.609	VV	436	8442	0.16%	0.003%
60	3.611	3.609	3.637	VV	419	5803	0.11%	0.002%
61	3.646	3.637	3.649	VV	375	2593	0.05%	0.001%
62	3.710	3.649	3.748	VV	2595	56908	1.06%	0.023%
63	3.752	3.748	3.786	VV	730	12049	0.22%	0.005%
64	3.804	3.786	3.831	VV	768	13427	0.25%	0.005%
65	3.848	3.831	3.853	VV	538	5481	0.10%	0.002%
66	3.861	3.853	3.871	VV	448	4310	0.08%	0.002%
67	3.881	3.871	3.896	VV	506	6021	0.11%	0.002%
68	3.901	3.896	3.909	VV	406	2611	0.05%	0.001%
69	3.912	3.909	3.920	VV	295	1817	0.03%	0.001%
70	3.943	3.920	3.962	VV	725	11982	0.22%	0.005%
71	3.966	3.962	3.979	VV	425	3264	0.06%	0.001%
72	3.991	3.979	4.022	VV	440	6717	0.12%	0.003%
73	4.042	4.022	4.057	VV	509	7812	0.15%	0.003%
74	4.063	4.057	4.093	VV	462	6774	0.13%	0.003%
75	4.098	4.093	4.105	VV	216	1127	0.02%	0.000%
76	4.164	4.105	4.213	VV	1475	43442	0.81%	0.018%
77	4.216	4.213	4.230	VV	683	5677	0.11%	0.002%
78	4.246	4.230	4.285	VV	991	19172	0.36%	0.008%
79	4.336	4.285	4.362	VV	931	25774	0.48%	0.011%
80	4.376	4.362	4.403	VV	1088	17363	0.32%	0.007%
81	4.423	4.403	4.458	VV	555	13191	0.25%	0.005%
82	4.467	4.458	4.483	VV	290	3497	0.06%	0.001%
83	4.496	4.483	4.502	VV	381	3087	0.06%	0.001%
84	4.504	4.502	4.527	VV	374	3669	0.07%	0.001%
85	4.548	4.527	4.571	VV	415	7704	0.14%	0.003%
86	4.580	4.571	4.583	VV	270	1423	0.03%	0.001%
87	4.606	4.583	4.635	VV	1100	15788	0.29%	0.006%
88	4.652	4.635	4.669	VV	566	7646	0.14%	0.003%
89	4.683	4.669	4.702	VV	521	7114	0.13%	0.003%

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90	4.718	4.702	4.752	VV	505	9741	0.18%	0.004%
91	4.775	4.752	4.806	VV	1831	26130	0.49%	0.011%
92	4.826	4.806	4.835	VV	692	9421	0.18%	0.004%
93	4.841	4.835	4.872	VV	704	11621	0.22%	0.005%
94	4.888	4.872	4.904	VV	736	9431	0.18%	0.004%
95	4.917	4.904	4.934	VV	592	7831	0.15%	0.003%
96	4.941	4.934	4.949	VV	374	2869	0.05%	0.001%
97	4.952	4.949	4.956	VV	330	1355	0.03%	0.001%
98	4.980	4.956	5.013	VV	1173	23348	0.43%	0.010%
99	5.024	5.013	5.038	VV	663	8484	0.16%	0.003%
100	5.065	5.038	5.092	VV	641	15346	0.29%	0.006%
101	5.119	5.092	5.144	VV	781	15657	0.29%	0.006%
102	5.156	5.144	5.161	VV	250	2331	0.04%	0.001%
103	5.192	5.161	5.200	VV	453	8204	0.15%	0.003%
104	5.229	5.200	5.239	VV	964	15472	0.29%	0.006%
105	5.244	5.239	5.299	VV	972	23019	0.43%	0.009%
106	5.313	5.299	5.337	VV	719	11461	0.21%	0.005%
107	5.357	5.337	5.377	VV	706	11774	0.22%	0.005%
108	5.394	5.377	5.406	VV	821	9409	0.17%	0.004%
109	5.422	5.406	5.442	VV	1160	15206	0.28%	0.006%
110	5.447	5.442	5.468	VV	305	2882	0.05%	0.001%
111	5.490	5.468	5.509	PV	395	6051	0.11%	0.002%
112	5.524	5.509	5.530	VV	440	4300	0.08%	0.002%
113	5.548	5.530	5.573	VV	1084	15402	0.29%	0.006%
114	5.592	5.573	5.604	VV	612	9478	0.18%	0.004%
115	5.620	5.604	5.642	VV	712	10505	0.20%	0.004%
116	5.645	5.642	5.649	VV	252	951	0.02%	0.000%
117	5.654	5.649	5.658	VV	213	1049	0.02%	0.000%
118	5.683	5.658	5.715	VV	1061	14369	0.27%	0.006%
119	5.742	5.715	5.806	VV	2116	40925	0.76%	0.017%
120	5.817	5.806	5.836	VV	374	3627	0.07%	0.001%
121	5.858	5.836	5.893	VV	797	14847	0.28%	0.006%
122	5.908	5.893	5.918	VV	954	10370	0.19%	0.004%
123	5.930	5.918	5.958	VV	1211	18792	0.35%	0.008%
124	5.963	5.958	5.972	VV	354	2558	0.05%	0.001%
125	6.007	5.972	6.012	VV	617	9881	0.18%	0.004%
126	6.016	6.012	6.021	VV	554	2897	0.05%	0.001%
127	6.038	6.021	6.053	VV	1162	16651	0.31%	0.007%
128	6.056	6.053	6.083	VV	943	10556	0.20%	0.004%
129	6.101	6.083	6.121	VV	720	11756	0.22%	0.005%
130	6.129	6.121	6.145	VV	578	6533	0.12%	0.003%
131	6.159	6.145	6.168	VV	511	5458	0.10%	0.002%
132	6.170	6.168	6.199	VV	481	5171	0.10%	0.002%
133	6.218	6.199	6.241	PV	912	10998	0.20%	0.004%
134	6.275	6.241	6.295	VV	796	14214	0.26%	0.006%
135	6.319	6.295	6.358	VV	4687	65124	1.21%	0.027%
136	6.369	6.358	6.393	VV	856	11258	0.21%	0.005%
137	6.416	6.393	6.440	VV	739	11670	0.22%	0.005%
138	6.471	6.440	6.526	VV	1521	37899	0.70%	0.015%
139	6.546	6.526	6.558	VV	512	6962	0.13%	0.003%
140	6.570	6.558	6.586	VV	528	6519	0.12%	0.003%
141	6.609	6.586	6.627	VV	999	16461	0.31%	0.007%

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142	6.649	6.627	6.677	VV	673	16313	0.30%	0.007%
143	6.696	6.677	6.708	VV	806	12527	0.23%	0.005%
144	6.721	6.708	6.742	VV	935	12654	0.24%	0.005%
145	6.769	6.742	6.796	VV	2804	39516	0.73%	0.016%
146	6.806	6.796	6.830	VV	558	7711	0.14%	0.003%
147	6.857	6.830	6.872	VV	458	7607	0.14%	0.003%
148	6.888	6.872	6.904	VV	601	7257	0.13%	0.003%
149	6.922	6.904	6.942	VV	1878	21222	0.39%	0.009%
150	6.962	6.942	6.985	VV	792	13272	0.25%	0.005%
151	6.998	6.985	7.015	VV	434	3821	0.07%	0.002%
152	7.057	7.015	7.075	VV	723	9864	0.18%	0.004%
153	7.103	7.075	7.127	VV	645	11314	0.21%	0.005%
154	7.135	7.127	7.153	VV	430	3727	0.07%	0.002%
155	7.182	7.153	7.205	VV	1064	14915	0.28%	0.006%
156	7.238	7.205	7.244	VV	457	7478	0.14%	0.003%
157	7.264	7.244	7.290	VV	1895	34879	0.65%	0.014%
158	7.304	7.290	7.312	VV	1555	18506	0.34%	0.008%
159	7.322	7.312	7.332	VV	1738	19841	0.37%	0.008%
160	7.344	7.332	7.375	VV	1844	30438	0.57%	0.012%
161	7.413	7.375	7.435	VV	5848	82604	1.53%	0.034%
162	7.445	7.435	7.469	VV	1169	18281	0.34%	0.007%
163	7.489	7.469	7.530	VV	2875	47048	0.87%	0.019%
164	7.550	7.530	7.575	VV	4031	48875	0.91%	0.020%
165	7.591	7.575	7.606	VV	1233	16318	0.30%	0.007%
166	7.615	7.606	7.653	VV	673	15513	0.29%	0.006%
167	7.676	7.653	7.686	VV	740	12751	0.24%	0.005%
168	7.715	7.686	7.751	VV	4432	68125	1.27%	0.028%
169	7.763	7.751	7.782	VV	627	9562	0.18%	0.004%
170	7.787	7.782	7.799	VV	550	5287	0.10%	0.002%
171	7.806	7.799	7.821	VV	584	5884	0.11%	0.002%
172	7.841	7.821	7.847	VV	464	5749	0.11%	0.002%
173	7.849	7.847	7.865	VV	447	3636	0.07%	0.001%
174	7.893	7.865	7.932	VV	1414	28115	0.52%	0.011%
175	7.947	7.932	7.962	VV	583	6751	0.13%	0.003%
176	7.984	7.962	7.996	PV	314	4228	0.08%	0.002%
177	8.014	7.996	8.025	VV	583	6707	0.12%	0.003%
178	8.058	8.025	8.074	VV	774	14099	0.26%	0.006%
179	8.084	8.074	8.102	VV	435	5333	0.10%	0.002%
180	8.151	8.102	8.169	VV	2010	34958	0.65%	0.014%
181	8.174	8.169	8.188	VV	947	9087	0.17%	0.004%
182	8.200	8.188	8.218	VV	900	11786	0.22%	0.005%
183	8.242	8.218	8.265	VV	892	13531	0.25%	0.006%
184	8.291	8.265	8.300	VV	1195	15565	0.29%	0.006%
185	8.308	8.300	8.321	VV	1232	14083	0.26%	0.006%
186	8.336	8.321	8.388	VV	1554	33457	0.62%	0.014%
187	8.414	8.388	8.463	VV	4265	75457	1.40%	0.031%
188	8.482	8.463	8.496	VV	1411	21813	0.41%	0.009%
189	8.504	8.496	8.512	VV	1289	11256	0.21%	0.005%
190	8.529	8.512	8.544	VV	4938	56813	1.06%	0.023%
191	8.557	8.544	8.575	VV	3713	44926	0.83%	0.018%
192	8.596	8.575	8.628	VV	6939	95890	1.78%	0.039%
193	8.639	8.628	8.662	VV	991	13074	0.24%	0.005%
194	8.714	8.662	8.749	VV	2602	75468	1.40%	0.031%

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195	8.764	8.749	8.781	VV	1991	24469	0.45%	0.010%
196	8.809	8.781	8.842	VV	1064	25784	0.48%	0.011%
197	8.848	8.842	8.862	VV	408	3533	0.07%	0.001%
198	8.881	8.862	8.905	VV	275	4659	0.09%	0.002%
199	8.925	8.905	8.939	VV	167	1554	0.03%	0.001%
200	8.963	8.939	8.982	VV	1003	17083	0.32%	0.007%
201	9.013	8.982	9.039	VV	10559	127102	2.36%	0.052%
202	9.059	9.039	9.079	VV	2780	43664	0.81%	0.018%
203	9.090	9.079	9.109	VV	1251	19782	0.37%	0.008%
204	9.134	9.109	9.160	VV	4803	69229	1.29%	0.028%
205	9.188	9.160	9.195	VV	838	13667	0.25%	0.006%
206	9.218	9.195	9.234	VV	1103	20210	0.38%	0.008%
207	9.253	9.234	9.270	VV	2884	38137	0.71%	0.016%
208	9.288	9.270	9.310	VV	6044	73412	1.36%	0.030%
209	9.330	9.310	9.369	VV	2015	53576	1.00%	0.022%
210	9.376	9.369	9.394	VV	1286	15661	0.29%	0.006%
211	9.423	9.394	9.450	VV	9537	125132	2.32%	0.051%
212	9.466	9.450	9.493	VV	2954	38921	0.72%	0.016%
213	9.503	9.493	9.543	VV	705	11002	0.20%	0.004%
214	9.582	9.543	9.600	PV	2468	30243	0.56%	0.012%
215	9.615	9.600	9.645	VV	1660	21130	0.39%	0.009%
216	9.660	9.645	9.685	VV	575	8310	0.15%	0.003%
217	9.719	9.685	9.739	VV	2462	36914	0.69%	0.015%
218	9.754	9.739	9.776	VV	1676	23474	0.44%	0.010%
219	9.803	9.776	9.851	VV	8486	131076	2.44%	0.053%
220	9.882	9.851	9.911	VV	3664	66482	1.24%	0.027%
221	9.925	9.911	9.938	VV	1863	21821	0.41%	0.009%
222	9.956	9.938	9.971	VV	2954	37136	0.69%	0.015%
223	9.982	9.971	9.996	VV	1912	21496	0.40%	0.009%
224	10.015	9.996	10.054	VV	1731	42904	0.80%	0.017%
225	10.078	10.054	10.106	VV	15897	185279	3.44%	0.075%
226	10.125	10.106	10.182	VV	3861	96022	1.78%	0.039%
227	10.203	10.182	10.219	VV	9094	115108	2.14%	0.047%
228	10.225	10.219	10.272	VV	3797	54667	1.02%	0.022%
229	10.309	10.272	10.347	VV	2158	42609	0.79%	0.017%
230	10.384	10.347	10.436	PV	1327	31646	0.59%	0.013%
231	10.439	10.436	10.444	VV	170	654	0.01%	0.000%
232	10.481	10.444	10.496	VV	982	14260	0.26%	0.006%
233	10.508	10.496	10.524	VV	547	6393	0.12%	0.003%
234	10.549	10.524	10.571	VV	2292	35875	0.67%	0.015%
235	10.593	10.571	10.620	VV	4880	69226	1.29%	0.028%
236	10.658	10.620	10.669	VV	2496	43489	0.81%	0.018%
237	10.685	10.669	10.709	VV	3434	49097	0.91%	0.020%
238	10.733	10.709	10.771	PV	5518	81369	1.51%	0.033%
239	10.794	10.771	10.835	VV	7069	114119	2.12%	0.046%
240	10.857	10.835	10.895	VV	12628	244487	4.54%	0.100%
241	10.907	10.895	10.915	VV	5015	52046	0.97%	0.021%
242	10.942	10.915	10.962	VV	10422	174451	3.24%	0.071%
243	11.014	10.962	11.034	VV	13146	247086	4.59%	0.101%
244	11.049	11.034	11.064	VV	5954	78882	1.47%	0.032%
245	11.068	11.064	11.092	VV	3774	40652	0.76%	0.017%
246	11.113	11.092	11.136	VV	7725	100409	1.87%	0.041%

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247	11.172	11.136	11.189	VV	5721	103647	1.93%	0.042%
248	11.212	11.189	11.263	VV	73684	841809	15.64%	0.343%
249	11.286	11.263	11.309	VV	17873	210848	3.92%	0.086%
250	11.319	11.309	11.327	VV	2388	23967	0.45%	0.010%
251	11.336	11.327	11.354	VV	2317	27652	0.51%	0.011%
252	11.364	11.354	11.377	VV	959	10541	0.20%	0.004%
253	11.394	11.377	11.409	VV	1034	14526	0.27%	0.006%
254	11.425	11.409	11.441	VV	864	11770	0.22%	0.005%
255	11.459	11.441	11.477	VV	1730	21446	0.40%	0.009%
256	11.503	11.477	11.547	VV	8035	111271	2.07%	0.045%
257	11.576	11.547	11.592	VV	1283	19391	0.36%	0.008%
258	11.615	11.592	11.624	VV	1780	23825	0.44%	0.010%
259	11.645	11.624	11.670	VV	8675	112250	2.09%	0.046%
260	11.683	11.670	11.692	VV	1074	12632	0.23%	0.005%
261	11.736	11.692	11.768	VV	8165	134238	2.49%	0.055%
262	11.808	11.768	11.820	PV	1589	22505	0.42%	0.009%
263	11.839	11.820	11.857	VV	6472	82538	1.53%	0.034%
264	11.865	11.857	11.880	VV	2419	27275	0.51%	0.011%
265	11.906	11.880	11.923	VV	1938	37214	0.69%	0.015%
266	11.948	11.923	11.982	VV	1709	43534	0.81%	0.018%
267	12.015	11.982	12.030	VV	9437	126752	2.36%	0.052%
268	12.047	12.030	12.071	VV	12942	158428	2.94%	0.065%
269	12.130	12.071	12.147	VV	9565	193262	3.59%	0.079%
270	12.164	12.147	12.179	VV	8130	97033	1.80%	0.040%
271	12.195	12.179	12.223	VV	9195	114787	2.13%	0.047%
272	12.316	12.223	12.364	VV	8123	181471	3.37%	0.074%
273	12.380	12.364	12.399	VV	3909	50781	0.94%	0.021%
274	12.415	12.399	12.442	VV	3053	48271	0.90%	0.020%
275	12.447	12.442	12.459	VV	584	3955	0.07%	0.002%
276	12.484	12.459	12.504	VV	5294	64013	1.19%	0.026%
277	12.519	12.504	12.530	VV	1789	20123	0.37%	0.008%
278	12.562	12.530	12.610	VV	13740	220160	4.09%	0.090%
279	12.630	12.610	12.647	VV	1874	26884	0.50%	0.011%
280	12.665	12.647	12.673	VV	1489	16590	0.31%	0.007%
281	12.694	12.673	12.712	VV	3373	51970	0.97%	0.021%
282	12.732	12.712	12.746	VV	2390	42673	0.79%	0.017%
283	12.759	12.746	12.767	VV	1888	21779	0.40%	0.009%
284	12.780	12.767	12.792	VV	2006	26999	0.50%	0.011%
285	12.806	12.792	12.849	VV	4202	75040	1.39%	0.031%
286	12.874	12.849	12.890	PV	5101	72098	1.34%	0.029%
287	12.918	12.890	12.935	VV	9278	144413	2.68%	0.059%
288	12.956	12.935	12.973	VV	13085	176711	3.28%	0.072%
289	12.981	12.973	12.999	VV	5198	54020	1.00%	0.022%
290	13.036	12.999	13.078	VV	108910	1350453	25.09%	0.550%
291	13.102	13.078	13.119	VV	1189	18426	0.34%	0.008%
292	13.136	13.119	13.148	PV	1025	9036	0.17%	0.004%
293	13.166	13.148	13.177	VV	1924	22344	0.42%	0.009%
294	13.190	13.177	13.200	VV	2286	26181	0.49%	0.011%
295	13.223	13.200	13.257	VV	5057	105974	1.97%	0.043%
296	13.274	13.257	13.304	VV	2443	48826	0.91%	0.020%
297	13.335	13.304	13.371	PV	86493	1018311	18.92%	0.415%
298	13.390	13.371	13.406	VV	10014	134863	2.51%	0.055%
299	13.422	13.406	13.486	VV	10303	188089	3.49%	0.077%

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300	13.509	13.486	13.522	VV	4660	58137	1.08%	0.024%
301	13.538	13.522	13.553	VV	5024	65354	1.21%	0.027%
302	13.570	13.553	13.586	VV	7999	101384	1.88%	0.041%
303	13.603	13.586	13.627	VV	7473	119766	2.23%	0.049%
304	13.638	13.627	13.651	VV	3952	44975	0.84%	0.018%
305	13.667	13.651	13.699	VV	4404	78327	1.46%	0.032%
306	13.731	13.699	13.747	VV	3060	45431	0.84%	0.019%
307	13.755	13.747	13.772	VV	1804	19595	0.36%	0.008%
308	13.797	13.772	13.820	VV	7771	105173	1.95%	0.043%
309	13.847	13.820	13.862	PV	1074	17686	0.33%	0.007%
310	13.883	13.862	13.886	VV	946	6183	0.11%	0.003%
311	13.924	13.886	13.957	VV	14176	228511	4.25%	0.093%
312	13.966	13.957	13.977	VV	1532	15209	0.28%	0.006%
313	13.990	13.977	14.007	VV	2806	30116	0.56%	0.012%
314	14.033	14.007	14.055	VV	12929	168960	3.14%	0.069%
315	14.075	14.055	14.091	VV	7278	100114	1.86%	0.041%
316	14.111	14.091	14.132	VV	5560	89020	1.65%	0.036%
317	14.157	14.132	14.177	VV	15955	231271	4.30%	0.094%
318	14.181	14.177	14.189	VV	7232	47919	0.89%	0.020%
319	14.204	14.189	14.229	VV	9591	145266	2.70%	0.059%
320	14.244	14.229	14.274	VV	6732	90194	1.68%	0.037%
321	14.303	14.274	14.335	VV	2192	51316	0.95%	0.021%
322	14.381	14.335	14.418	PV	3430	86008	1.60%	0.035%
323	14.456	14.418	14.470	VV	1664	37303	0.69%	0.015%
324	14.478	14.470	14.495	VV	1833	17426	0.32%	0.007%
325	14.525	14.495	14.530	PV	1255	17307	0.32%	0.007%
326	14.577	14.530	14.608	VV	3731	105033	1.95%	0.043%
327	14.630	14.608	14.644	VV	3897	59977	1.11%	0.024%
328	14.666	14.644	14.698	VV	9882	176618	3.28%	0.072%
329	14.721	14.698	14.744	VV	12508	159362	2.96%	0.065%
330	14.792	14.744	14.811	VV	3946	115410	2.14%	0.047%
331	14.842	14.811	14.881	VV	10565	174493	3.24%	0.071%
332	14.905	14.881	14.928	VV	10404	151035	2.81%	0.062%
333	14.947	14.928	14.957	VV	4167	52089	0.97%	0.021%
334	14.971	14.957	15.000	VV	7750	103657	1.93%	0.042%
335	15.057	15.000	15.110	VV	69480	1014054	18.84%	0.413%
336	15.115	15.110	15.135	VV	1685	13876	0.26%	0.006%
337	15.167	15.135	15.183	VV	3414	49400	0.92%	0.020%
338	15.218	15.183	15.238	VV	54057	693600	12.89%	0.283%
339	15.259	15.238	15.287	VV	64419	784290	14.57%	0.320%
340	15.309	15.287	15.332	VV	4549	63718	1.18%	0.026%
341	15.380	15.332	15.419	VV	9514	258323	4.80%	0.105%
342	15.423	15.419	15.437	VV	3081	27382	0.51%	0.011%
343	15.461	15.437	15.492	VV	7633	120379	2.24%	0.049%
344	15.524	15.492	15.550	PV	9256	162500	3.02%	0.066%
345	15.576	15.550	15.617	VV	5885	145951	2.71%	0.059%
346	15.657	15.617	15.728	PV	27272	771949	14.34%	0.315%
347	15.733	15.728	15.750	VV	2292	22033	0.41%	0.009%
348	15.782	15.750	15.827	VV	18754	385340	7.16%	0.157%
349	15.859	15.827	15.873	VV	5184	111175	2.07%	0.045%
350	15.893	15.873	15.912	VV	15058	200109	3.72%	0.082%
351	15.929	15.912	15.963	VV	9994	151302	2.81%	0.062%

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352	15.980	15.963	15.990	VV	3308	41492	0.77%	0.017%
353	16.009	15.990	16.015	VV	3953	44039	0.82%	0.018%
354	16.056	16.015	16.085	VV	10020	263435	4.89%	0.107%
355	16.092	16.085	16.111	VV	4345	54073	1.00%	0.022%
356	16.127	16.111	16.144	VV	4883	67410	1.25%	0.027%
357	16.179	16.144	16.191	VV	4309	83972	1.56%	0.034%
358	16.210	16.191	16.232	VV	5835	110710	2.06%	0.045%
359	16.284	16.232	16.305	VV	24314	444074	8.25%	0.181%
360	16.324	16.305	16.356	VV	8814	199626	3.71%	0.081%
361	16.364	16.356	16.401	VV	4145	80607	1.50%	0.033%
362	16.415	16.401	16.419	VV	2984	26455	0.49%	0.011%
363	16.432	16.419	16.449	VV	3458	53317	0.99%	0.022%
364	16.489	16.449	16.525	VV	11090	302157	5.61%	0.123%
365	16.536	16.525	16.544	VV	5730	57447	1.07%	0.023%
366	16.570	16.544	16.578	VV	11388	167199	3.11%	0.068%
367	16.596	16.578	16.617	VV	11932	230871	4.29%	0.094%
368	16.647	16.617	16.657	VV	9188	185973	3.46%	0.076%
369	16.696	16.657	16.727	VV	15340	457937	8.51%	0.187%
370	16.731	16.727	16.737	VV	8220	44611	0.83%	0.018%
371	16.785	16.737	16.804	VV	68091	1372638	25.50%	0.559%
372	16.811	16.804	16.838	VV	29006	413803	7.69%	0.169%
373	16.879	16.838	16.884	VV	13221	308532	5.73%	0.126%
374	16.917	16.884	16.946	VV	27031	696163	12.93%	0.284%
375	16.952	16.946	16.957	VV	16276	99929	1.86%	0.041%
376	16.967	16.957	16.975	VV	17329	171985	3.20%	0.070%
377	16.991	16.975	17.024	VV	20651	487815	9.06%	0.199%
378	17.040	17.024	17.048	VV	15930	205313	3.81%	0.084%
379	17.074	17.048	17.078	VV	21014	320822	5.96%	0.131%
380	17.109	17.078	17.139	VV	50251	1058930	19.68%	0.431%
381	17.167	17.139	17.200	VV	54193	1050364	19.52%	0.428%
382	17.236	17.200	17.253	VV	47822	972381	18.07%	0.396%
383	17.272	17.253	17.299	VV	45914	947688	17.61%	0.386%
384	17.309	17.299	17.330	VV	28023	458649	8.52%	0.187%
385	17.348	17.330	17.358	VV	22006	339324	6.30%	0.138%
386	17.391	17.358	17.402	VV	23002	555804	10.33%	0.226%
387	17.426	17.402	17.440	VV	27199	572982	10.65%	0.233%
388	17.451	17.440	17.456	VV	24170	226242	4.20%	0.092%
389	17.479	17.456	17.484	VV	27547	422401	7.85%	0.172%
390	17.497	17.484	17.525	VV	28425	643282	11.95%	0.262%
391	17.534	17.525	17.539	VV	27893	223199	4.15%	0.091%
392	17.542	17.539	17.547	VV	26224	128797	2.39%	0.052%
393	17.566	17.547	17.600	VV	34299	929701	17.27%	0.379%
394	17.641	17.600	17.651	VV	30724	838783	15.58%	0.342%
395	17.684	17.651	17.714	VV	53390	1475752	27.42%	0.601%
396	17.740	17.714	17.762	VV	30603	805590	14.97%	0.328%
397	17.772	17.762	17.790	VV	30606	481778	8.95%	0.196%
398	17.816	17.790	17.852	VV	38661	1202780	22.35%	0.490%
399	17.876	17.852	17.914	VV	34361	1148326	21.34%	0.468%
400	17.918	17.914	17.922	VV	28358	145686	2.71%	0.059%
401	17.938	17.922	17.950	VV	28893	462201	8.59%	0.188%
402	17.975	17.950	17.981	VV	32180	555723	10.33%	0.226%
403	17.984	17.981	17.998	VV	30103	292542	5.44%	0.119%
404	18.004	17.998	18.009	VV	29319	194050	3.61%	0.079%

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405	18.043	18.009	18.048	VV	38918	810572	15.06%	0.330%
406	18.057	18.048	18.075	VV	39474	593924	11.04%	0.242%
407	18.094	18.075	18.098	VV	41039	556328	10.34%	0.227%
408	18.127	18.098	18.163	VV	74107	2050281	38.09%	0.835%
409	18.168	18.163	18.174	VV	37045	240950	4.48%	0.098%
410	18.194	18.174	18.202	VV	42144	673477	12.51%	0.274%
411	18.219	18.202	18.230	VV	43060	692690	12.87%	0.282%
412	18.288	18.230	18.314	VV	83141	2798961	52.01%	1.140%
413	18.320	18.314	18.368	VV	54437	1513022	28.11%	0.616%
414	18.389	18.368	18.405	VV	44505	921693	17.13%	0.376%
415	18.417	18.405	18.424	VV	41179	467648	8.69%	0.191%
416	18.456	18.424	18.460	VV	53112	985500	18.31%	0.402%
417	18.464	18.460	18.473	VV	54573	413183	7.68%	0.168%
418	18.495	18.473	18.513	VV	57892	1299398	24.14%	0.529%
419	18.549	18.513	18.575	VV	93987	2422981	45.02%	0.987%
420	18.606	18.575	18.610	VV	47448	946716	17.59%	0.386%
421	18.630	18.610	18.637	VV	54462	819048	15.22%	0.334%
422	18.657	18.637	18.703	VV	87135	2636399	48.98%	1.074%
423	18.713	18.703	18.719	VV	55256	516921	9.60%	0.211%
424	18.720	18.719	18.735	VV	55261	528703	9.82%	0.215%
425	18.741	18.735	18.753	VV	51440	513959	9.55%	0.209%
426	18.757	18.753	18.761	VV	48482	252839	4.70%	0.103%
427	18.767	18.761	18.771	VV	50602	282725	5.25%	0.115%
428	18.807	18.771	18.832	VV	72675	2161316	40.16%	0.881%
429	18.844	18.832	18.849	VV	55165	552494	10.27%	0.225%
430	18.862	18.849	18.869	VV	54948	647428	12.03%	0.264%
431	18.883	18.869	18.895	VV	57266	854892	15.88%	0.348%
432	18.911	18.895	18.915	VV	55279	638051	11.86%	0.260%
433	18.960	18.915	19.004	VV	88371	3519161	65.39%	1.434%
434	19.044	19.004	19.049	VV	60149	1485123	27.59%	0.605%
435	19.081	19.049	19.100	VV	86301	2224610	41.33%	0.906%
436	19.129	19.100	19.159	VV	83312	2528767	46.98%	1.030%
437	19.164	19.159	19.182	VV	66727	870214	16.17%	0.355%
438	19.191	19.182	19.204	VV	61921	796130	14.79%	0.324%
439	19.224	19.204	19.239	VV	70120	1417512	26.34%	0.578%
440	19.248	19.239	19.252	VV	71392	536215	9.96%	0.218%
441	19.271	19.252	19.287	VV	72830	1452739	26.99%	0.592%
442	19.358	19.287	19.390	VV	99624	4744715	88.16%	1.933%
443	19.411	19.390	19.435	VV	88933	2187555	40.65%	0.891%
444	19.479	19.435	19.487	VV	87959	2401685	44.62%	0.979%
445	19.491	19.487	19.525	VV	83249	1762555	32.75%	0.718%
446	19.540	19.525	19.545	VV	78609	928337	17.25%	0.378%
447	19.560	19.545	19.567	VV	79194	1008744	18.74%	0.411%
448	19.598	19.567	19.613	VV	77635	2087055	38.78%	0.850%
449	19.650	19.613	19.680	VV	81636	3138390	58.31%	1.279%
450	19.687	19.680	19.704	VV	79861	1111358	20.65%	0.453%
451	19.746	19.704	19.775	VV	107644	3860369	71.73%	1.573%
452	19.791	19.775	19.809	VV	101346	1939511	36.04%	0.790%
453	19.815	19.809	19.834	VV	89397	1275945	23.71%	0.520%
454	19.842	19.834	19.848	VV	86715	721185	13.40%	0.294%
455	19.889	19.848	19.911	VV	99608	3591903	66.74%	1.464%
456	19.968	19.911	19.979	VV	100864	3893418	72.34%	1.586%

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457	19.986	19.979	20.006	VV	101249	1590018	29.54%	0.648%
458	20.035	20.006	20.041	VV	108173	2168463	40.29%	0.884%
459	20.046	20.041	20.067	VV	104491	1588218	29.51%	0.647%
460	20.084	20.067	20.089	VV	103159	1288575	23.94%	0.525%
461	20.119	20.089	20.147	VV	140604	4196881	77.98%	1.710%
462	20.163	20.147	20.170	VV	111174	1510187	28.06%	0.615%
463	20.189	20.170	20.214	VV	113656	2853452	53.02%	1.163%
464	20.220	20.214	20.225	VV	106228	721587	13.41%	0.294%
465	20.233	20.225	20.242	VV	106203	1059444	19.68%	0.432%
466	20.248	20.242	20.264	VV	107600	1381968	25.68%	0.563%
467	20.297	20.264	20.304	VV	115863	2668015	49.57%	1.087%
468	20.309	20.304	20.326	VV	113057	1441607	26.79%	0.587%
469	20.349	20.326	20.358	VV	118850	2210025	41.06%	0.900%
470	20.369	20.358	20.378	VV	118339	1410071	26.20%	0.575%
471	20.409	20.378	20.433	VV	130715	4011038	74.53%	1.634%
472	20.440	20.433	20.456	VV	121244	1722297	32.00%	0.702%
473	20.486	20.456	20.524	VV	145458	5260281	97.74%	2.143%
474	20.572	20.524	20.592	VV	141663	5382088	100.00%	2.193%
475	20.605	20.592	20.622	VV	133011	2309727	42.92%	0.941%
476	20.660	20.622	20.670	VV	140312	3940557	73.22%	1.606%
477	20.675	20.670	20.680	VV	138470	856530	15.91%	0.349%
478	20.707	20.680	20.729	VV	144754	4059415	75.42%	1.654%
479	20.738	20.729	20.767	VV	138972	3113905	57.86%	1.269%
480	20.772	20.767	20.816	VV	133644	3868997	71.89%	1.576%
481	20.845	20.816	20.879	VV	148395	5097427	94.71%	2.077%
482	20.887	20.879	20.901	VV	126714	1687465	31.35%	0.688%
483	20.915	20.901	20.932	VV	126678	2240369	41.63%	0.913%
484	20.954	20.932	20.967	VV	123568	2556335	47.50%	1.042%
485	20.970	20.967	20.980	VV	122380	976734	18.15%	0.398%
486	20.984	20.980	20.989	VV	123207	648136	12.04%	0.264%
487	20.996	20.989	21.034	VV	122412	3223301	59.89%	1.313%
488	21.052	21.034	21.060	VV	117157	1786512	33.19%	0.728%
489	21.064	21.060	21.068	VV	115789	570482	10.60%	0.232%
490	21.091	21.068	21.128	VV	119127	4139165	76.91%	1.687%
491	21.135	21.128	21.152	VV	110024	1561305	29.01%	0.636%
492	21.160	21.152	21.168	VV	106490	979802	18.20%	0.399%
493	21.177	21.168	21.197	VV	105971	1827812	33.96%	0.745%
494	21.231	21.197	21.275	VV	114392	4803512	89.25%	1.957%
495	21.281	21.275	21.284	VV	91678	483139	8.98%	0.197%
496	21.294	21.284	21.327	VV	94608	2375314	44.13%	0.968%
497	21.347	21.327	21.359	VV	89624	1656866	30.78%	0.675%
498	21.365	21.359	21.371	VV	85874	645893	12.00%	0.263%
499	21.382	21.371	21.400	VV	85617	1435209	26.67%	0.585%
500	21.410	21.400	21.420	VV	84803	1029229	19.12%	0.419%
501	21.429	21.420	21.464	VV	82787	2102399	39.06%	0.857%
502	21.482	21.464	21.489	VV	79080	1148511	21.34%	0.468%
503	21.497	21.489	21.515	VV	76383	1177166	21.87%	0.480%
504	21.522	21.515	21.549	VV	75804	1484026	27.57%	0.605%
505	21.556	21.549	21.607	VV	70663	2284151	42.44%	0.931%
506	21.614	21.607	21.619	VV	62161	455026	8.45%	0.185%
507	21.626	21.619	21.630	VV	63311	435092	8.08%	0.177%
508	21.668	21.630	21.715	VV	75238	3254130	60.46%	1.326%
509	21.719	21.715	21.723	VV	54830	246267	4.58%	0.100%

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510	21.731	21.723	21.735	VV	54363	399022	7.41%	0.163%
511	21.740	21.735	21.755	VV	54787	634914	11.80%	0.259%
512	21.761	21.755	21.766	VV	52618	337776	6.28%	0.138%
513	21.782	21.766	21.787	VV	52885	657105	12.21%	0.268%
514	21.792	21.787	21.799	VV	53105	364744	6.78%	0.149%
515	21.807	21.799	21.831	VV	51699	943338	17.53%	0.384%
516	21.842	21.831	21.860	VV	44706	746577	13.87%	0.304%
517	21.882	21.860	21.908	VV	42624	1162920	21.61%	0.474%
518	21.915	21.908	21.921	VV	40062	304035	5.65%	0.124%
519	21.926	21.921	21.954	VV	38044	708032	13.16%	0.288%
520	21.961	21.954	21.987	VV	35632	654630	12.16%	0.267%
521	21.992	21.987	22.020	VV	30891	584360	10.86%	0.238%
522	22.025	22.020	22.037	VV	28185	269088	5.00%	0.110%
523	22.045	22.037	22.052	VV	27265	241256	4.48%	0.098%
524	22.058	22.052	22.065	VV	25503	190856	3.55%	0.078%
525	22.076	22.065	22.086	VV	24299	285050	5.30%	0.116%
526	22.111	22.086	22.122	VV	24600	521421	9.69%	0.212%
527	22.165	22.122	22.211	VV	33840	1339752	24.89%	0.546%
528	22.215	22.211	22.225	VV	15109	126301	2.35%	0.051%
529	22.236	22.225	22.242	VV	13992	126518	2.35%	0.052%
530	22.249	22.242	22.274	VV	11603	194628	3.62%	0.079%
531	22.293	22.274	22.299	VV	10237	141570	2.63%	0.058%
532	22.304	22.299	22.312	VV	9401	64039	1.19%	0.026%
533	22.321	22.312	22.338	VV	8630	108201	2.01%	0.044%
534	22.341	22.338	22.360	VV	6376	58675	1.09%	0.024%
535	22.368	22.360	22.381	VV	2051	18986	0.35%	0.008%
536	22.386	22.381	22.392	PV	1239	3710	0.07%	0.002%
					Sum of corrected areas:	245428788		

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