

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051623\
Data File : FF012606.D
Signal(s) : FID2B.ch
Acq On : 16 May 2023 13:32
Sample : 02784-01
Misc :
ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF050523.M
Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.035	2.012	2.043	BV	91	210	0.00%	0.000%
2	2.055	2.043	2.072	PV	168	1548	0.00%	0.000%
3	2.075	2.072	2.134	VV	157	2244	0.00%	0.000%
4	2.137	2.134	2.151	VV	72	418	0.00%	0.000%
5	2.154	2.151	2.169	VV	75	501	0.00%	0.000%
6	2.172	2.169	2.183	PV	80	263	0.00%	0.000%
7	2.188	2.183	2.202	PV	90	623	0.00%	0.000%
8	2.211	2.202	2.224	VV	95	669	0.00%	0.000%
9	2.227	2.224	2.254	VV	92	908	0.00%	0.000%
10	2.264	2.254	2.271	PV	149	589	0.00%	0.000%
11	2.279	2.271	2.282	VV	130	624	0.00%	0.000%
12	2.291	2.282	2.301	VV	203	1744	0.00%	0.000%
13	2.304	2.301	2.315	VV	230	1226	0.00%	0.000%
14	2.320	2.315	2.337	VV	207	1923	0.00%	0.000%
15	2.349	2.337	2.363	VV	488	4530	0.01%	0.001%
16	2.380	2.363	2.402	VV	386	5380	0.01%	0.001%
17	2.407	2.402	2.443	VV	215	2584	0.00%	0.001%
18	2.450	2.443	2.462	VV	115	864	0.00%	0.000%
19	2.469	2.462	2.484	PV	123	1316	0.00%	0.000%
20	2.492	2.484	2.502	VV	182	1220	0.00%	0.000%
21	2.504	2.502	2.510	VV	141	559	0.00%	0.000%
22	2.513	2.510	2.525	VV	159	1124	0.00%	0.000%
23	2.529	2.525	2.541	VV	120	663	0.00%	0.000%
24	2.544	2.541	2.553	PV	118	556	0.00%	0.000%
25	2.559	2.553	2.568	VV	149	1002	0.00%	0.000%
26	2.585	2.568	2.618	VV	407	6991	0.01%	0.001%
27	2.633	2.618	2.655	VV	216	3329	0.00%	0.001%
28	2.657	2.655	2.675	VV	172	1078	0.00%	0.000%
29	2.678	2.675	2.689	VV	131	640	0.00%	0.000%
30	2.698	2.689	2.706	VV	146	768	0.00%	0.000%
31	2.743	2.706	2.778	PV	351	7912	0.01%	0.002%
32	2.796	2.778	2.803	VV	176	1945	0.00%	0.000%
33	2.807	2.803	2.815	VV	179	928	0.00%	0.000%
34	2.831	2.815	2.843	VV	208	2724	0.00%	0.001%
35	2.857	2.843	2.865	VV	190	1931	0.00%	0.000%
36	2.874	2.865	2.879	VV	194	967	0.00%	0.000%

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37	2.894	2.879	2.915	VV	302	4138	0.01%	0.001%
38	2.924	2.915	2.935	VV	146	1419	0.00%	0.000%
39	2.968	2.935	2.983	VV	334	6133	0.01%	0.001%
40	3.001	2.983	3.036	VV	685	10661	0.02%	0.002%
41	3.066	3.036	3.080	VV	473	7215	0.01%	0.002%
42	3.084	3.080	3.110	VV	361	4817	0.01%	0.001%
43	3.116	3.110	3.134	VV	242	2460	0.00%	0.001%
44	3.146	3.134	3.151	VV	163	1241	0.00%	0.000%
45	3.155	3.151	3.159	VV	173	663	0.00%	0.000%
46	3.167	3.159	3.172	VV	254	1255	0.00%	0.000%
47	3.176	3.172	3.197	VV	226	2491	0.00%	0.001%
48	3.201	3.197	3.211	VV	141	1118	0.00%	0.000%
49	3.221	3.211	3.238	VV	192	2019	0.00%	0.000%
50	3.245	3.238	3.277	VV	178	2908	0.00%	0.001%
51	3.282	3.277	3.298	VV	191	1273	0.00%	0.000%
52	3.310	3.298	3.375	VV	272	6822	0.01%	0.001%
53	3.382	3.375	3.388	VV	142	701	0.00%	0.000%
54	3.399	3.388	3.428	VV	150	1976	0.00%	0.000%
55	3.434	3.428	3.439	VV	109	650	0.00%	0.000%
56	3.460	3.439	3.475	VV	165	2802	0.00%	0.001%
57	3.481	3.475	3.493	VV	118	828	0.00%	0.000%
58	3.524	3.493	3.534	VV	198	3111	0.00%	0.001%
59	3.605	3.534	3.620	VV	308	8835	0.01%	0.002%
60	3.626	3.620	3.638	VV	262	1979	0.00%	0.000%
61	3.668	3.638	3.695	VV	1993	24505	0.04%	0.005%
62	3.713	3.695	3.733	VV	141	1983	0.00%	0.000%
63	3.735	3.733	3.739	VV	87	341	0.00%	0.000%
64	3.742	3.739	3.748	VV	138	339	0.00%	0.000%
65	3.770	3.748	3.779	PV	335	4155	0.01%	0.001%
66	3.783	3.779	3.791	VV	220	1352	0.00%	0.000%
67	3.821	3.791	3.863	VV	548	11220	0.02%	0.002%
68	3.881	3.863	3.895	VV	304	4519	0.01%	0.001%
69	3.902	3.895	3.934	VV	313	4930	0.01%	0.001%
70	3.951	3.934	3.974	VV	214	2961	0.00%	0.001%
71	3.977	3.974	3.989	VV	115	767	0.00%	0.000%
72	3.998	3.989	4.014	VV	199	2373	0.00%	0.000%
73	4.032	4.014	4.038	VV	194	1586	0.00%	0.000%
74	4.041	4.038	4.045	VV	152	463	0.00%	0.000%
75	4.049	4.045	4.053	VV	136	623	0.00%	0.000%
76	4.059	4.053	4.064	VV	173	885	0.00%	0.000%
77	4.123	4.064	4.194	VV	638	26872	0.04%	0.006%
78	4.213	4.194	4.236	VV	424	8719	0.01%	0.002%
79	4.242	4.236	4.260	VV	319	2910	0.00%	0.001%
80	4.310	4.260	4.333	VV	1560	29387	0.04%	0.006%
81	4.343	4.333	4.392	VV	636	15361	0.02%	0.003%
82	4.399	4.392	4.416	VV	361	3738	0.01%	0.001%
83	4.429	4.416	4.460	VV	258	5205	0.01%	0.001%
84	4.463	4.460	4.480	VV	178	1547	0.00%	0.000%
85	4.497	4.480	4.523	VV	211	4036	0.01%	0.001%
86	4.530	4.523	4.550	VV	204	2162	0.00%	0.000%
87	4.566	4.550	4.593	VV	469	7448	0.01%	0.002%
88	4.605	4.593	4.624	VV	296	3307	0.00%	0.001%
89	4.645	4.624	4.662	VV	391	4684	0.01%	0.001%

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90	4.678	4.662	4.706	VV	1254	16019	0.02%	0.003%
91	4.740	4.706	4.868	VV	8293	246668	0.36%	0.051%
92	4.872	4.868	4.893	VV	1009	12817	0.02%	0.003%
93	4.897	4.893	4.923	VV	795	11561	0.02%	0.002%
94	4.934	4.923	4.960	VV	727	15084	0.02%	0.003%
95	4.963	4.960	4.968	VV	653	3121	0.00%	0.001%
96	4.982	4.968	5.001	VV	735	12586	0.02%	0.003%
97	5.006	5.001	5.010	VV	587	3141	0.00%	0.001%
98	5.030	5.010	5.055	VV	689	15364	0.02%	0.003%
99	5.072	5.055	5.095	VV	671	12664	0.02%	0.003%
100	5.099	5.095	5.104	VV	473	2206	0.00%	0.000%
101	5.121	5.104	5.136	VV	543	7658	0.01%	0.002%
102	5.148	5.136	5.168	VV	394	5004	0.01%	0.001%
103	5.173	5.168	5.194	VV	260	2775	0.00%	0.001%
104	5.221	5.194	5.232	VV	368	5973	0.01%	0.001%
105	5.237	5.232	5.257	VV	334	4721	0.01%	0.001%
106	5.315	5.257	5.338	VV	639	22076	0.03%	0.005%
107	5.344	5.338	5.369	VV	509	7799	0.01%	0.002%
108	5.389	5.369	5.416	VV	704	14142	0.02%	0.003%
109	5.432	5.416	5.466	VV	449	11256	0.02%	0.002%
110	5.479	5.466	5.492	VV	385	4452	0.01%	0.001%
111	5.513	5.492	5.535	VV	916	15571	0.02%	0.003%
112	5.551	5.535	5.566	VV	692	11253	0.02%	0.002%
113	5.575	5.566	5.597	VV	699	9341	0.01%	0.002%
114	5.601	5.597	5.621	VV	303	2999	0.00%	0.001%
115	5.628	5.621	5.635	VV	235	1691	0.00%	0.000%
116	5.639	5.635	5.661	VV	279	2529	0.00%	0.001%
117	5.673	5.661	5.679	VV	149	1065	0.00%	0.000%
118	5.700	5.679	5.749	VV	1058	23674	0.03%	0.005%
119	5.758	5.749	5.766	VV	252	1885	0.00%	0.000%
120	5.778	5.766	5.805	VV	304	4414	0.01%	0.001%
121	5.821	5.805	5.842	PV	239	3362	0.00%	0.001%
122	5.864	5.842	5.873	VV	751	7299	0.01%	0.002%
123	5.886	5.873	5.914	VV	733	11612	0.02%	0.002%
124	5.969	5.914	5.981	VV	639	12572	0.02%	0.003%
125	5.993	5.981	6.011	VV	762	10548	0.02%	0.002%
126	6.015	6.011	6.039	VV	526	5295	0.01%	0.001%
127	6.053	6.039	6.074	VV	319	3896	0.01%	0.001%
128	6.090	6.074	6.120	PV	678	9587	0.01%	0.002%
129	6.127	6.120	6.149	VV	182	1558	0.00%	0.000%
130	6.177	6.149	6.198	VV	625	8049	0.01%	0.002%
131	6.231	6.198	6.253	VV	488	9256	0.01%	0.002%
132	6.279	6.253	6.298	VV	912	14676	0.02%	0.003%
133	6.312	6.298	6.349	VV	948	16683	0.02%	0.003%
134	6.373	6.349	6.395	PV	489	7122	0.01%	0.001%
135	6.436	6.395	6.484	PV	1389	37262	0.05%	0.008%
136	6.501	6.484	6.531	VV	778	12411	0.02%	0.003%
137	6.552	6.531	6.583	VV	796	13480	0.02%	0.003%
138	6.599	6.583	6.605	VV	395	3826	0.01%	0.001%
139	6.620	6.605	6.633	VV	445	6190	0.01%	0.001%
140	6.656	6.633	6.685	VV	1427	22695	0.03%	0.005%
141	6.697	6.685	6.707	VV	452	4425	0.01%	0.001%

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142	6.727	6.707	6.774	VV	2183	33304	0.05%	0.007%
143	6.815	6.774	6.830	PV	618	8272	0.01%	0.002%
144	6.849	6.830	6.863	VV	827	11237	0.02%	0.002%
145	6.879	6.863	6.908	VV	1740	24423	0.04%	0.005%
146	6.929	6.908	6.944	VV	1006	14349	0.02%	0.003%
147	6.953	6.944	6.965	VV	444	3722	0.01%	0.001%
148	7.012	6.965	7.032	VV	2306	36075	0.05%	0.008%
149	7.055	7.032	7.062	PV	977	10010	0.01%	0.002%
150	7.074	7.062	7.104	VV	1043	15529	0.02%	0.003%
151	7.136	7.104	7.163	VV	5568	69182	0.10%	0.014%
152	7.177	7.163	7.188	VV	732	8957	0.01%	0.002%
153	7.209	7.188	7.220	VV	958	13289	0.02%	0.003%
154	7.258	7.220	7.278	VV	2383	47356	0.07%	0.010%
155	7.303	7.278	7.333	VV	6379	94368	0.14%	0.020%
156	7.370	7.333	7.392	VV	5608	101053	0.15%	0.021%
157	7.402	7.392	7.425	VV	2020	27367	0.04%	0.006%
158	7.445	7.425	7.488	VV	4244	69869	0.10%	0.015%
159	7.507	7.488	7.530	VV	2951	44386	0.06%	0.009%
160	7.546	7.530	7.564	VV	1971	22151	0.03%	0.005%
161	7.578	7.564	7.595	VV	835	11528	0.02%	0.002%
162	7.652	7.595	7.659	VV	8733	102752	0.15%	0.021%
163	7.671	7.659	7.698	VV	12217	149394	0.22%	0.031%
164	7.713	7.698	7.735	VV	2878	48933	0.07%	0.010%
165	7.749	7.735	7.783	VV	2360	48987	0.07%	0.010%
166	7.797	7.783	7.814	VV	860	12336	0.02%	0.003%
167	7.848	7.814	7.861	VV	6677	86271	0.12%	0.018%
168	7.867	7.861	7.887	VV	4147	43075	0.06%	0.009%
169	7.903	7.887	7.920	VV	2700	30214	0.04%	0.006%
170	7.944	7.920	7.955	PV	1437	14629	0.02%	0.003%
171	7.965	7.955	7.974	VV	1011	9475	0.01%	0.002%
172	7.990	7.974	8.000	VV	3482	35975	0.05%	0.008%
173	8.008	8.000	8.027	VV	2693	29458	0.04%	0.006%
174	8.049	8.027	8.075	VV	2083	40578	0.06%	0.008%
175	8.108	8.075	8.123	VV	4307	72843	0.10%	0.015%
176	8.152	8.123	8.170	VV	3689	75284	0.11%	0.016%
177	8.196	8.170	8.218	VV	4507	63853	0.09%	0.013%
178	8.244	8.218	8.262	VV	4902	64933	0.09%	0.014%
179	8.284	8.262	8.296	VV	8977	109737	0.16%	0.023%
180	8.306	8.296	8.331	VV	7189	86384	0.12%	0.018%
181	8.370	8.331	8.409	VV	9258	159706	0.23%	0.033%
182	8.423	8.409	8.443	VV	2007	34743	0.05%	0.007%
183	8.462	8.443	8.472	VV	5708	64933	0.09%	0.014%
184	8.492	8.472	8.521	VV	8142	201328	0.29%	0.042%
185	8.551	8.521	8.581	VV	31527	486887	0.70%	0.102%
186	8.594	8.581	8.613	VV	6195	85792	0.12%	0.018%
187	8.666	8.613	8.691	VV	8611	233172	0.34%	0.049%
188	8.717	8.691	8.730	VV	6782	114936	0.17%	0.024%
189	8.742	8.730	8.754	VV	6001	67067	0.10%	0.014%
190	8.776	8.754	8.814	VV	9400	167737	0.24%	0.035%
191	8.845	8.814	8.867	VV	3321	61140	0.09%	0.013%
192	8.883	8.867	8.896	VV	2081	24600	0.04%	0.005%
193	8.925	8.896	8.939	VV	5813	113496	0.16%	0.024%
194	8.965	8.939	8.986	VV	10205	198243	0.29%	0.041%

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195	9.008	8.986	9.027	VV	7737	165257	0.24%	0.034%
196	9.042	9.027	9.062	VV	6893	114929	0.17%	0.024%
197	9.089	9.062	9.117	VV	19195	303126	0.44%	0.063%
198	9.143	9.117	9.161	VV	5959	110381	0.16%	0.023%
199	9.168	9.161	9.185	VV	3972	47286	0.07%	0.010%
200	9.205	9.185	9.225	VV	7161	118410	0.17%	0.025%
201	9.241	9.225	9.270	VV	6408	123353	0.18%	0.026%
202	9.276	9.270	9.290	VV	3528	38874	0.06%	0.008%
203	9.314	9.290	9.341	VV	6488	151131	0.22%	0.032%
204	9.377	9.341	9.403	VV	54995	694196	1.00%	0.145%
205	9.417	9.403	9.444	VV	7552	133758	0.19%	0.028%
206	9.461	9.444	9.491	VV	5790	110278	0.16%	0.023%
207	9.531	9.491	9.550	VV	5344	114268	0.16%	0.024%
208	9.579	9.550	9.594	VV	5494	94492	0.14%	0.020%
209	9.611	9.594	9.628	VV	6602	92931	0.13%	0.019%
210	9.632	9.628	9.646	VV	3229	33046	0.05%	0.007%
211	9.666	9.646	9.695	VV	7264	134420	0.19%	0.028%
212	9.712	9.695	9.729	VV	6694	94555	0.14%	0.020%
213	9.754	9.729	9.786	VV	18588	353879	0.51%	0.074%
214	9.795	9.786	9.808	VV	6644	74779	0.11%	0.016%
215	9.834	9.808	9.861	VV	12987	260101	0.37%	0.054%
216	9.882	9.861	9.897	VV	10827	165511	0.24%	0.035%
217	9.908	9.897	9.922	VV	7306	96566	0.14%	0.020%
218	9.935	9.922	9.962	VV	11168	168494	0.24%	0.035%
219	9.973	9.962	9.980	VV	4021	41579	0.06%	0.009%
220	9.990	9.980	10.005	VV	4439	53976	0.08%	0.011%
221	10.032	10.005	10.059	VV	34502	465652	0.67%	0.097%
222	10.076	10.059	10.086	VV	8629	122498	0.18%	0.026%
223	10.111	10.086	10.135	VV	11540	272125	0.39%	0.057%
224	10.156	10.135	10.207	VV	74879	988617	1.42%	0.206%
225	10.239	10.207	10.251	VV	4973	113388	0.16%	0.024%
226	10.260	10.251	10.308	VV	4792	81238	0.12%	0.017%
227	10.334	10.308	10.362	PV	4983	91393	0.13%	0.019%
228	10.369	10.362	10.381	VV	1974	20263	0.03%	0.004%
229	10.390	10.381	10.401	VV	1855	20135	0.03%	0.004%
230	10.404	10.401	10.416	VV	1863	14142	0.02%	0.003%
231	10.432	10.416	10.451	VV	3600	51321	0.07%	0.011%
232	10.502	10.451	10.518	VV	12720	217018	0.31%	0.045%
233	10.546	10.518	10.575	VV	31613	521959	0.75%	0.109%
234	10.597	10.575	10.618	VV	10428	189098	0.27%	0.039%
235	10.636	10.618	10.660	VV	13937	209418	0.30%	0.044%
236	10.688	10.660	10.721	VV	13770	240066	0.35%	0.050%
237	10.751	10.721	10.772	VV	4149	83283	0.12%	0.017%
238	10.821	10.772	10.842	VV	8247	251495	0.36%	0.052%
239	10.848	10.842	10.863	VV	4714	52329	0.08%	0.011%
240	10.895	10.863	10.936	VV	88130	1169666	1.69%	0.244%
241	10.967	10.936	11.006	VV	40063	789651	1.14%	0.165%
242	11.020	11.006	11.045	VV	5942	105105	0.15%	0.022%
243	11.060	11.045	11.075	VV	3979	44609	0.06%	0.009%
244	11.094	11.075	11.105	VV	2839	42328	0.06%	0.009%
245	11.119	11.105	11.134	VV	3578	53491	0.08%	0.011%
246	11.160	11.134	11.199	VV	172814	2060364	2.97%	0.430%

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247	11.237	11.199	11.262	VV	50321	769128	1.11%	0.161%
248	11.291	11.262	11.328	VV	21835	445604	0.64%	0.093%
249	11.348	11.328	11.385	VV	9429	155186	0.22%	0.032%
250	11.401	11.385	11.437	VV	7394	104606	0.15%	0.022%
251	11.462	11.437	11.493	VV	9732	147722	0.21%	0.031%
252	11.520	11.493	11.538	VV	3521	71251	0.10%	0.015%
253	11.562	11.538	11.572	VV	4293	72050	0.10%	0.015%
254	11.598	11.572	11.621	VV	86137	1020055	1.47%	0.213%
255	11.628	11.621	11.641	VV	5772	64265	0.09%	0.013%
256	11.651	11.641	11.661	VV	5345	57723	0.08%	0.012%
257	11.688	11.661	11.731	VV	38347	577122	0.83%	0.120%
258	11.756	11.731	11.775	VV	5166	64954	0.09%	0.014%
259	11.793	11.775	11.806	PV	4823	56660	0.08%	0.012%
260	11.811	11.806	11.825	VV	3700	37182	0.05%	0.008%
261	11.845	11.825	11.875	VV	7716	165557	0.24%	0.035%
262	11.893	11.875	11.937	VV	8693	198115	0.29%	0.041%
263	11.963	11.937	11.978	VV	31429	388028	0.56%	0.081%
264	11.995	11.978	12.020	VV	49607	627372	0.90%	0.131%
265	12.031	12.020	12.046	VV	7750	89927	0.13%	0.019%
266	12.079	12.046	12.097	VV	35803	572674	0.83%	0.120%
267	12.113	12.097	12.127	VV	21965	260028	0.37%	0.054%
268	12.146	12.127	12.187	VV	29278	461632	0.67%	0.096%
269	12.204	12.187	12.222	PV	2504	34893	0.05%	0.007%
270	12.269	12.222	12.292	VV	75796	1082819	1.56%	0.226%
271	12.328	12.292	12.356	VV	899549	10596885	15.27%	2.211%
272	12.360	12.356	12.412	VV	11189	222273	0.32%	0.046%
273	12.434	12.412	12.456	VV	22535	279556	0.40%	0.058%
274	12.468	12.456	12.485	VV	5360	75371	0.11%	0.016%
275	12.540	12.485	12.571	VV	206793	3355114	4.84%	0.700%
276	12.578	12.571	12.582	VV	8843	59932	0.09%	0.013%
277	12.601	12.582	12.624	VV	20132	294099	0.42%	0.061%
278	12.641	12.624	12.657	VV	9274	148326	0.21%	0.031%
279	12.681	12.657	12.701	VV	14221	255434	0.37%	0.053%
280	12.709	12.701	12.718	VV	5103	45251	0.07%	0.009%
281	12.755	12.718	12.807	VV	29912	600173	0.86%	0.125%
282	12.830	12.807	12.849	VV	22363	317333	0.46%	0.066%
283	12.867	12.849	12.881	VV	29837	420169	0.61%	0.088%
284	12.907	12.881	12.948	VV	86323	1415090	2.04%	0.295%
285	12.989	12.948	13.037	VV	482832	5825009	8.39%	1.216%
286	13.055	13.037	13.070	VV	5148	70671	0.10%	0.015%
287	13.080	13.070	13.095	VV	3324	40117	0.06%	0.008%
288	13.137	13.095	13.148	VV	8121	154598	0.22%	0.032%
289	13.170	13.148	13.188	VV	22627	345461	0.50%	0.072%
290	13.203	13.188	13.221	VV	12139	214217	0.31%	0.045%
291	13.231	13.221	13.254	VV	9415	130988	0.19%	0.027%
292	13.287	13.254	13.312	PV	362981	4374650	6.30%	0.913%
293	13.374	13.312	13.397	VV	3412939	69392191	100.00%	14.482%
294	13.422	13.397	13.437	VV	2219506	27915066	40.23%	5.826%
295	13.442	13.437	13.481	VV	234148	2398961	3.46%	0.501%
296	13.498	13.481	13.502	VV	17883	188682	0.27%	0.039%
297	13.525	13.502	13.532	VV	65381	767666	1.11%	0.160%
298	13.581	13.532	13.599	VV	516297	10223769	14.73%	2.134%
299	13.611	13.599	13.674	VV	144943	2410503	3.47%	0.503%

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300	13.693	13.674	13.711	VV	22782	378878	0.55%	0.079%
301	13.760	13.711	13.790	VV	94304	1840156	2.65%	0.384%
302	13.793	13.790	13.813	VV	17741	217728	0.31%	0.045%
303	13.830	13.813	13.844	VV	14231	243579	0.35%	0.051%
304	13.888	13.844	13.927	VV	63574	1638385	2.36%	0.342%
305	13.947	13.927	13.966	VV	23300	409559	0.59%	0.085%
306	13.990	13.966	14.011	VV	36665	675967	0.97%	0.141%
307	14.032	14.011	14.051	VV	45701	755299	1.09%	0.158%
308	14.066	14.051	14.083	VV	34518	524226	0.76%	0.109%
309	14.108	14.083	14.127	VV	65903	1118809	1.61%	0.233%
310	14.158	14.127	14.181	VV	56427	1295366	1.87%	0.270%
311	14.200	14.181	14.263	VV	46109	1356813	1.96%	0.283%
312	14.281	14.263	14.301	VV	19163	389032	0.56%	0.081%
313	14.324	14.301	14.332	VV	33602	492243	0.71%	0.103%
314	14.336	14.332	14.365	VV	32750	587578	0.85%	0.123%
315	14.394	14.365	14.402	VV	42642	760442	1.10%	0.159%
316	14.410	14.402	14.430	VV	41204	579422	0.83%	0.121%
317	14.436	14.430	14.454	VV	24659	329205	0.47%	0.069%
318	14.470	14.454	14.475	VV	25122	297245	0.43%	0.062%
319	14.494	14.475	14.507	VV	36090	606016	0.87%	0.126%
320	14.512	14.507	14.532	VV	36056	504237	0.73%	0.105%
321	14.562	14.532	14.579	VV	50825	1164218	1.68%	0.243%
322	14.589	14.579	14.602	VV	39599	513218	0.74%	0.107%
323	14.621	14.602	14.645	VV	65232	1195812	1.72%	0.250%
324	14.671	14.645	14.698	VV	64809	1403793	2.02%	0.293%
325	14.729	14.698	14.763	VV	104093	2311625	3.33%	0.482%
326	14.791	14.763	14.826	VV	86470	1882657	2.71%	0.393%
327	14.853	14.826	14.877	VV	74824	1696633	2.44%	0.354%
328	14.900	14.877	14.907	VV	46176	757914	1.09%	0.158%
329	14.927	14.907	14.961	VV	72283	1615585	2.33%	0.337%
330	15.006	14.961	15.030	VV	100343	2359880	3.40%	0.492%
331	15.047	15.030	15.084	VV	71206	1585925	2.29%	0.331%
332	15.105	15.084	15.110	VV	37760	537411	0.77%	0.112%
333	15.127	15.110	15.135	VV	42307	589166	0.85%	0.123%
334	15.169	15.135	15.189	VV	235224	3731304	5.38%	0.779%
335	15.210	15.189	15.240	VV	266592	4121322	5.94%	0.860%
336	15.263	15.240	15.296	VV	55139	1532984	2.21%	0.320%
337	15.328	15.296	15.379	VV	62001	2398050	3.46%	0.500%
338	15.414	15.379	15.443	VV	55231	1774818	2.56%	0.370%
339	15.477	15.443	15.500	VV	63837	1746328	2.52%	0.364%
340	15.516	15.500	15.542	VV	58187	1282353	1.85%	0.268%
341	15.555	15.542	15.575	VV	45968	879401	1.27%	0.184%
342	15.602	15.575	15.648	VV	93850	2984796	4.30%	0.623%
343	15.655	15.648	15.697	VV	55226	1423254	2.05%	0.297%
344	15.731	15.697	15.764	VV	75424	2408668	3.47%	0.503%
345	15.788	15.764	15.820	VV	96766	2452379	3.53%	0.512%
346	15.842	15.820	15.862	VV	87354	1698182	2.45%	0.354%
347	15.877	15.862	15.892	VV	63769	1056384	1.52%	0.220%
348	15.906	15.892	15.917	VV	57177	855783	1.23%	0.179%
349	15.950	15.917	15.963	VV	59847	1543262	2.22%	0.322%
350	15.987	15.963	16.015	VV	72747	2033912	2.93%	0.424%
351	16.020	16.015	16.056	VV	64245	1483953	2.14%	0.310%

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352	16.076	16.056	16.092	VV	66178	1343761	1.94%	0.280%
353	16.099	16.092	16.105	VV	60138	493275	0.71%	0.103%
354	16.122	16.105	16.126	VV	63750	746450	1.08%	0.156%
355	16.129	16.126	16.140	VV	62954	497566	0.72%	0.104%
356	16.165	16.140	16.184	VV	65301	1597663	2.30%	0.333%
357	16.200	16.184	16.207	VV	57395	797880	1.15%	0.167%
358	16.228	16.207	16.252	VV	89288	1960888	2.83%	0.409%
359	16.285	16.252	16.314	VV	77056	2490038	3.59%	0.520%
360	16.318	16.314	16.324	VV	56146	347891	0.50%	0.073%
361	16.327	16.324	16.330	VV	54853	191515	0.28%	0.040%
362	16.333	16.330	16.339	VV	54707	293010	0.42%	0.061%
363	16.366	16.339	16.380	VV	55331	1314157	1.89%	0.274%
364	16.444	16.380	16.464	VV	69731	3164962	4.56%	0.661%
365	16.481	16.464	16.501	VV	75277	1472598	2.12%	0.307%
366	16.525	16.501	16.528	VV	73201	1077176	1.55%	0.225%
367	16.554	16.528	16.574	VV	84036	2098279	3.02%	0.438%
368	16.616	16.574	16.663	VV	103802	4394391	6.33%	0.917%
369	16.682	16.663	16.697	VV	78312	1464850	2.11%	0.306%
370	16.735	16.697	16.752	VV	241450	4833558	6.97%	1.009%
371	16.762	16.752	16.815	VV	146626	3550927	5.12%	0.741%
372	16.827	16.815	16.836	VV	64162	811237	1.17%	0.169%
373	16.867	16.836	16.886	VV	91260	2287083	3.30%	0.477%
374	16.892	16.886	16.897	VV	73347	472653	0.68%	0.099%
375	16.902	16.897	16.909	VV	75156	545169	0.79%	0.114%
376	16.926	16.909	16.968	VV	75528	2521846	3.63%	0.526%
377	16.988	16.968	16.999	VV	70244	1246645	1.80%	0.260%
378	17.019	16.999	17.026	VV	81502	1218358	1.76%	0.254%
379	17.056	17.026	17.084	VV	171266	3851117	5.55%	0.804%
380	17.115	17.084	17.157	VV	189631	4596893	6.62%	0.959%
381	17.179	17.157	17.194	VV	83644	1716645	2.47%	0.358%
382	17.215	17.194	17.243	VV	107833	2591758	3.73%	0.541%
383	17.260	17.243	17.279	VV	78641	1577674	2.27%	0.329%
384	17.308	17.279	17.312	VV	69966	1309252	1.89%	0.273%
385	17.336	17.312	17.341	VV	71979	1229092	1.77%	0.257%
386	17.359	17.341	17.385	VV	79078	1978031	2.85%	0.413%
387	17.390	17.385	17.394	VV	70785	380758	0.55%	0.079%
388	17.414	17.394	17.419	VV	72956	1069377	1.54%	0.223%
389	17.437	17.419	17.449	VV	73278	1288355	1.86%	0.269%
390	17.454	17.449	17.458	VV	70141	362434	0.52%	0.076%
391	17.478	17.458	17.484	VV	78739	1194546	1.72%	0.249%
392	17.500	17.484	17.532	VV	85390	2257296	3.25%	0.471%
393	17.560	17.532	17.588	VV	92731	2587608	3.73%	0.540%
394	17.629	17.588	17.672	VV	103695	4113694	5.93%	0.858%
395	17.679	17.672	17.683	VV	70252	451539	0.65%	0.094%
396	17.688	17.683	17.692	VV	71821	382443	0.55%	0.080%
397	17.710	17.692	17.731	VV	71970	1638134	2.36%	0.342%
398	17.739	17.731	17.744	VV	73565	578222	0.83%	0.121%
399	17.750	17.744	17.755	VV	74987	496953	0.72%	0.104%
400	17.774	17.755	17.792	VV	78151	1663212	2.40%	0.347%
401	17.797	17.792	17.805	VV	71926	530009	0.76%	0.111%
402	17.812	17.805	17.837	VV	71035	1280963	1.85%	0.267%
403	17.846	17.837	17.857	VV	64296	788884	1.14%	0.165%
404	17.871	17.857	17.890	VV	65370	1234687	1.78%	0.258%

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405	17.907	17.890	17.918	VV	68916	1135939	1.64%	0.237%
406	17.923	17.918	17.938	VV	69226	788601	1.14%	0.165%
407	17.959	17.938	17.964	VV	67107	1031849	1.49%	0.215%
408	17.967	17.964	17.972	VV	68467	326090	0.47%	0.068%
409	17.977	17.972	17.982	VV	67974	380217	0.55%	0.079%
410	17.988	17.982	17.992	VV	67489	417568	0.60%	0.087%
411	18.005	17.992	18.024	VV	72662	1317297	1.90%	0.275%
412	18.030	18.024	18.037	VV	68322	504091	0.73%	0.105%
413	18.067	18.037	18.092	VV	88200	2545141	3.67%	0.531%
414	18.111	18.092	18.127	VV	71526	1409597	2.03%	0.294%
415	18.159	18.127	18.177	VV	80045	2117957	3.05%	0.442%
416	18.222	18.177	18.252	VV	89360	3547533	5.11%	0.740%
417	18.269	18.252	18.302	VV	82350	2208816	3.18%	0.461%
418	18.308	18.302	18.318	VV	68650	671692	0.97%	0.140%
419	18.337	18.318	18.343	VV	68340	999485	1.44%	0.209%
420	18.399	18.343	18.416	VV	96882	3328028	4.80%	0.695%
421	18.438	18.416	18.467	VV	106043	2840045	4.09%	0.593%
422	18.493	18.467	18.519	VV	165974	3515765	5.07%	0.734%
423	18.526	18.519	18.557	VV	80527	1735657	2.50%	0.362%
424	18.585	18.557	18.607	VV	81397	2219392	3.20%	0.463%
425	18.622	18.607	18.642	VV	87911	1632831	2.35%	0.341%
426	18.652	18.642	18.676	VV	80610	1557492	2.24%	0.325%
427	18.682	18.676	18.689	VV	70053	502367	0.72%	0.105%
428	18.694	18.689	18.704	VV	66982	600156	0.86%	0.125%
429	18.708	18.704	18.723	VV	65613	734172	1.06%	0.153%
430	18.750	18.723	18.805	VV	126284	4072485	5.87%	0.850%
431	18.818	18.805	18.822	VV	66411	701531	1.01%	0.146%
432	18.830	18.822	18.842	VV	67001	755188	1.09%	0.158%
433	18.855	18.842	18.860	VV	69656	738492	1.06%	0.154%
434	18.897	18.860	18.942	VV	118051	4099131	5.91%	0.855%
435	18.947	18.942	18.965	VV	62749	825808	1.19%	0.172%
436	19.006	18.965	19.026	VV	91373	2807006	4.05%	0.586%
437	19.042	19.026	19.046	VV	74510	873736	1.26%	0.182%
438	19.059	19.046	19.083	VV	78251	1671797	2.41%	0.349%
439	19.089	19.083	19.098	VV	70473	615827	0.89%	0.129%
440	19.102	19.098	19.108	VV	66659	390484	0.56%	0.081%
441	19.113	19.108	19.121	VV	63781	470461	0.68%	0.098%
442	19.126	19.121	19.131	VV	63557	392734	0.57%	0.082%
443	19.137	19.131	19.141	VV	62409	368701	0.53%	0.077%
444	19.164	19.141	19.168	VV	68102	1025596	1.48%	0.214%
445	19.186	19.168	19.205	VV	74942	1553713	2.24%	0.324%
446	19.224	19.205	19.239	VV	72137	1401195	2.02%	0.292%
447	19.270	19.239	19.309	VV	157909	4640352	6.69%	0.968%
448	19.316	19.309	19.365	VV	91266	2673422	3.85%	0.558%
449	19.398	19.365	19.415	VV	82478	2210222	3.19%	0.461%
450	19.441	19.415	19.469	VV	96554	2662859	3.84%	0.556%
451	19.474	19.469	19.513	VV	70596	1717594	2.48%	0.358%
452	19.555	19.513	19.594	VV	86574	3507562	5.05%	0.732%
453	19.603	19.594	19.635	VV	66687	1488416	2.14%	0.311%
454	19.639	19.635	19.643	VV	57603	285688	0.41%	0.060%
455	19.682	19.643	19.698	VV	75727	2175013	3.13%	0.454%
456	19.726	19.698	19.744	VV	87895	2122389	3.06%	0.443%

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457	19.759	19.744	19.779	VV	86068	1597880	2.30%	0.333%
458	19.797	19.779	19.826	VV	74934	1976282	2.85%	0.412%
459	19.848	19.826	19.853	VV	68134	1072979	1.55%	0.224%
460	19.871	19.853	19.892	VV	74535	1632342	2.35%	0.341%
461	19.911	19.892	19.946	VV	86760	2433030	3.51%	0.508%
462	19.978	19.946	20.012	VV	95671	3128216	4.51%	0.653%
463	20.046	20.012	20.091	VV	188394	5153788	7.43%	1.076%
464	20.094	20.091	20.102	VV	76818	485960	0.70%	0.101%
465	20.109	20.102	20.152	VV	77653	2091206	3.01%	0.436%
466	20.162	20.152	20.167	VV	62448	556642	0.80%	0.116%
467	20.173	20.167	20.177	VV	61793	335167	0.48%	0.070%
468	20.195	20.177	20.212	VV	67847	1380871	1.99%	0.288%
469	20.218	20.212	20.225	VV	66325	500921	0.72%	0.105%
470	20.230	20.225	20.235	VV	66864	386022	0.56%	0.081%
471	20.242	20.235	20.252	VV	65068	665009	0.96%	0.139%
472	20.297	20.252	20.334	VV	91574	3707255	5.34%	0.774%
473	20.345	20.334	20.352	VV	75127	814060	1.17%	0.170%
474	20.360	20.352	20.367	VV	74922	632503	0.91%	0.132%
475	20.373	20.367	20.387	VV	75986	898874	1.30%	0.188%
476	20.421	20.387	20.451	VV	82568	2848550	4.11%	0.594%
477	20.454	20.451	20.473	VV	69720	905011	1.30%	0.189%
478	20.477	20.473	20.482	VV	65929	324211	0.47%	0.068%
479	20.501	20.482	20.522	VV	74288	1713791	2.47%	0.358%
480	20.526	20.522	20.530	VV	69776	330429	0.48%	0.069%
481	20.537	20.530	20.553	VV	70543	956421	1.38%	0.200%
482	20.583	20.553	20.604	VV	76767	2216373	3.19%	0.463%
483	20.608	20.604	20.617	VV	69386	513169	0.74%	0.107%
484	20.639	20.617	20.672	VV	76628	2375761	3.42%	0.496%
485	20.677	20.672	20.681	VV	71939	381756	0.55%	0.080%
486	20.686	20.681	20.696	VV	70727	631626	0.91%	0.132%
487	20.701	20.696	20.709	VV	69608	534798	0.77%	0.112%
488	20.737	20.709	20.755	VV	75793	1994107	2.87%	0.416%
489	20.780	20.755	20.832	VV	81719	3326615	4.79%	0.694%
490	20.840	20.832	20.863	VV	65510	1184695	1.71%	0.247%
491	20.869	20.863	20.873	VV	62311	360338	0.52%	0.075%
492	20.891	20.873	20.907	VV	64466	1269115	1.83%	0.265%
493	20.912	20.907	20.932	VV	62829	937275	1.35%	0.196%
494	20.941	20.932	20.946	VV	60533	475821	0.69%	0.099%
495	20.954	20.946	20.973	VV	59969	971878	1.40%	0.203%
496	20.981	20.973	21.007	VV	59110	1170224	1.69%	0.244%
497	21.021	21.007	21.037	VV	56808	988843	1.43%	0.206%
498	21.046	21.037	21.050	VV	53032	382571	0.55%	0.080%
499	21.058	21.050	21.067	VV	53773	540266	0.78%	0.113%
500	21.070	21.067	21.077	VV	53483	341698	0.49%	0.071%
501	21.084	21.077	21.091	VV	52228	402894	0.58%	0.084%
502	21.098	21.091	21.117	VV	52890	825115	1.19%	0.172%
503	21.126	21.117	21.131	VV	49997	401466	0.58%	0.084%
504	21.156	21.131	21.209	VV	59676	2409524	3.47%	0.503%
505	21.213	21.209	21.231	VV	45926	576868	0.83%	0.120%
506	21.239	21.231	21.249	VV	44011	475360	0.69%	0.099%
507	21.268	21.249	21.303	VV	46572	1396669	2.01%	0.291%
508	21.321	21.303	21.347	VV	43857	1105238	1.59%	0.231%
509	21.351	21.347	21.368	VV	40234	485561	0.70%	0.101%

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510	21.377	21.368	21.382	VV	39209	329713	0.48%	0.069%
511	21.386	21.382	21.390	VV	38351	185671	0.27%	0.039%
512	21.393	21.390	21.402	VV	38488	282481	0.41%	0.059%
513	21.410	21.402	21.415	VV	37602	269053	0.39%	0.056%
514	21.421	21.415	21.443	VV	38127	604435	0.87%	0.126%
515	21.455	21.443	21.490	VV	35193	937443	1.35%	0.196%
516	21.522	21.490	21.536	VV	32087	844119	1.22%	0.176%
517	21.544	21.536	21.554	VV	32350	349389	0.50%	0.073%
518	21.581	21.554	21.621	VV	38596	1304330	1.88%	0.272%
519	21.628	21.621	21.656	VV	28214	553363	0.80%	0.115%
520	21.663	21.656	21.667	VV	25146	160456	0.23%	0.033%
521	21.675	21.667	21.685	VV	27027	267498	0.39%	0.056%
522	21.702	21.685	21.706	VV	27368	319114	0.46%	0.067%
523	21.712	21.706	21.751	VV	26169	649963	0.94%	0.136%
524	21.756	21.751	21.781	VV	23393	383032	0.55%	0.080%
525	21.785	21.781	21.788	VV	20268	94123	0.14%	0.020%
526	21.797	21.788	21.862	VV	21444	819556	1.18%	0.171%
527	21.868	21.862	21.883	VV	16029	191619	0.28%	0.040%
528	21.888	21.883	21.897	VV	15335	112301	0.16%	0.023%
529	21.901	21.897	21.907	VV	13683	80241	0.12%	0.017%
530	21.916	21.907	21.935	VV	13481	212143	0.31%	0.044%
531	21.942	21.935	21.985	VV	12651	313911	0.45%	0.066%
532	21.991	21.985	21.999	VV	10264	77404	0.11%	0.016%
533	22.007	21.999	22.025	VV	9569	134597	0.19%	0.028%
534	22.062	22.025	22.105	VV	18175	557440	0.80%	0.116%
535	22.120	22.105	22.159	VV	6183	130882	0.19%	0.027%
536	22.181	22.159	22.188	PV	2074	8746	0.01%	0.002%
					Sum of corrected areas:	479175172		

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