

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021723\
 Data File : FF012148.D
 Signal(s) : FID2B.ch
 Acq On : 17 Feb 2023 17:04
 Sample : 01586-05
 Misc :
 ALS Vial : 59 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	1.628	1.598	1.663	BV	5198	168217	2.23%	0.050%
2	1.677	1.663	1.753	VV	4720	208006	2.76%	0.062%
3	1.772	1.753	1.823	VV	3528	135289	1.79%	0.041%
4	1.826	1.823	1.835	VV	2947	20783	0.28%	0.006%
5	1.856	1.835	1.898	VV	3637	121108	1.61%	0.036%
6	1.914	1.898	1.938	VV	3309	73758	0.98%	0.022%
7	1.942	1.938	1.956	VV	2902	30921	0.41%	0.009%
8	1.963	1.956	1.998	VV	2844	68916	0.91%	0.021%
9	2.004	1.998	2.017	VV	2518	27099	0.36%	0.008%
10	2.019	2.017	2.049	VV	2479	46175	0.61%	0.014%
11	2.057	2.049	2.062	VV	2430	17760	0.24%	0.005%
12	2.068	2.062	2.113	VV	2397	70810	0.94%	0.021%
13	2.118	2.113	2.124	VV	2124	13686	0.18%	0.004%
14	2.128	2.124	2.141	VV	2123	21348	0.28%	0.006%
15	2.148	2.141	2.203	VV	2074	70883	0.94%	0.021%
16	2.206	2.203	2.226	VV	1840	23638	0.31%	0.007%
17	2.229	2.226	2.252	VV	1765	26073	0.35%	0.008%
18	2.262	2.252	2.268	VV	1712	15787	0.21%	0.005%
19	2.276	2.268	2.293	VV	1649	23979	0.32%	0.007%
20	2.304	2.293	2.356	VV	2523	72608	0.96%	0.022%
21	2.374	2.356	2.428	VV	4033	97406	1.29%	0.029%
22	2.433	2.428	2.440	VV	1566	11267	0.15%	0.003%
23	2.453	2.440	2.473	VV	1559	27501	0.36%	0.008%
24	2.478	2.473	2.486	VV	1302	9812	0.13%	0.003%
25	2.493	2.486	2.523	VV	1329	28348	0.38%	0.009%
26	2.535	2.523	2.565	VV	1262	29785	0.40%	0.009%
27	2.569	2.565	2.598	VV	1177	21800	0.29%	0.007%
28	2.610	2.598	2.617	VV	1153	11857	0.16%	0.004%
29	2.621	2.617	2.636	VV	1146	11895	0.16%	0.004%
30	2.662	2.636	2.692	VV	1469	40261	0.53%	0.012%
31	2.694	2.692	2.712	VV	1194	12546	0.17%	0.004%
32	2.724	2.712	2.751	VV	1046	22218	0.29%	0.007%
33	2.776	2.751	2.816	VV	2076	54573	0.72%	0.016%
34	2.820	2.816	2.849	VV	956	17572	0.23%	0.005%
35	2.864	2.849	2.882	VV	1049	19061	0.25%	0.006%
36	2.893	2.882	2.906	VV	1056	13389	0.18%	0.004%

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37	2.909	2.906	2.918	VV	938	6363	0.08%	0.002%
38	2.932	2.918	2.953	VV	1248	21380	0.28%	0.006%
39	2.970	2.953	2.980	VV	1767	21931	0.29%	0.007%
40	3.000	2.980	3.033	VV	2043	49760	0.66%	0.015%
41	3.050	3.033	3.068	VV	1470	26547	0.35%	0.008%
42	3.072	3.068	3.077	VV	1037	5151	0.07%	0.002%
43	3.096	3.077	3.125	VV	1292	31278	0.41%	0.009%
44	3.130	3.125	3.146	VV	961	10729	0.14%	0.003%
45	3.149	3.146	3.166	VV	781	9082	0.12%	0.003%
46	3.170	3.166	3.183	VV	763	6682	0.09%	0.002%
47	3.186	3.183	3.196	VV	681	5040	0.07%	0.002%
48	3.222	3.196	3.264	VV	924	29007	0.38%	0.009%
49	3.271	3.264	3.275	VV	623	3624	0.05%	0.001%
50	3.279	3.275	3.291	VV	591	5373	0.07%	0.002%
51	3.296	3.291	3.302	VV	579	3330	0.04%	0.001%
52	3.322	3.302	3.334	VV	863	13582	0.18%	0.004%
53	3.352	3.334	3.415	VV	920	31778	0.42%	0.010%
54	3.420	3.415	3.426	VV	447	2751	0.04%	0.001%
55	3.431	3.426	3.446	VV	455	4699	0.06%	0.001%
56	3.471	3.446	3.521	VV	1289	32403	0.43%	0.010%
57	3.529	3.521	3.547	VV	502	7327	0.10%	0.002%
58	3.564	3.547	3.583	VV	564	11270	0.15%	0.003%
59	3.597	3.583	3.631	VV	625	13706	0.18%	0.004%
60	3.641	3.631	3.645	VV	397	3255	0.04%	0.001%
61	3.667	3.645	3.679	VV	637	9848	0.13%	0.003%
62	3.682	3.679	3.686	VV	630	2492	0.03%	0.001%
63	3.710	3.686	3.767	VV	3603	64376	0.85%	0.019%
64	3.772	3.767	3.782	VV	440	3736	0.05%	0.001%
65	3.810	3.782	3.828	VV	1190	24410	0.32%	0.007%
66	3.840	3.828	3.845	VV	947	8899	0.12%	0.003%
67	3.861	3.845	3.918	VV	1062	33907	0.45%	0.010%
68	3.942	3.918	3.980	VV	1373	32895	0.44%	0.010%
69	3.990	3.980	4.020	VV	895	16295	0.22%	0.005%
70	4.044	4.020	4.089	VV	1115	36346	0.48%	0.011%
71	4.093	4.089	4.108	VV	695	7045	0.09%	0.002%
72	4.166	4.108	4.211	VV	3670	99437	1.32%	0.030%
73	4.217	4.211	4.230	VV	976	9643	0.13%	0.003%
74	4.246	4.230	4.288	VV	1502	31610	0.42%	0.009%
75	4.335	4.288	4.362	VV	1657	43433	0.58%	0.013%
76	4.377	4.362	4.407	VV	1587	28578	0.38%	0.009%
77	4.422	4.407	4.457	VV	840	18173	0.24%	0.005%
78	4.461	4.457	4.483	VV	406	5727	0.08%	0.002%
79	4.504	4.483	4.526	VV	535	9904	0.13%	0.003%
80	4.543	4.526	4.583	VV	717	17104	0.23%	0.005%
81	4.607	4.583	4.628	VV	1665	24566	0.33%	0.007%
82	4.631	4.628	4.635	VV	439	1868	0.02%	0.001%
83	4.651	4.635	4.670	VV	817	13747	0.18%	0.004%
84	4.685	4.670	4.703	VV	798	12287	0.16%	0.004%
85	4.721	4.703	4.751	VV	907	15603	0.21%	0.005%
86	4.775	4.751	4.808	VV	3342	46787	0.62%	0.014%
87	4.841	4.808	4.876	VV	1396	39440	0.52%	0.012%
88	4.890	4.876	4.905	VV	1114	13250	0.18%	0.004%
89	4.918	4.905	4.936	VV	872	12189	0.16%	0.004%

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90	4.950	4.936	4.957	VV	596	6160	0.08%	0.002%
91	4.979	4.957	5.010	VV	1864	34814	0.46%	0.010%
92	5.024	5.010	5.040	VV	1078	15224	0.20%	0.005%
93	5.064	5.040	5.096	VV	943	22370	0.30%	0.007%
94	5.122	5.096	5.155	VV	1177	22190	0.29%	0.007%
95	5.185	5.155	5.209	VV	463	7907	0.10%	0.002%
96	5.230	5.209	5.297	VV	1805	50312	0.67%	0.015%
97	5.312	5.297	5.335	VV	864	13334	0.18%	0.004%
98	5.355	5.335	5.379	VV	1074	20567	0.27%	0.006%
99	5.395	5.379	5.407	VV	1238	14484	0.19%	0.004%
100	5.422	5.407	5.464	VV	1740	31178	0.41%	0.009%
101	5.496	5.464	5.502	VV	882	15558	0.21%	0.005%
102	5.525	5.502	5.530	VV	1192	15841	0.21%	0.005%
103	5.547	5.530	5.573	VV	1807	30205	0.40%	0.009%
104	5.588	5.573	5.605	VV	896	13989	0.19%	0.004%
105	5.618	5.605	5.637	VV	1133	14130	0.19%	0.004%
106	5.650	5.637	5.662	VV	471	5852	0.08%	0.002%
107	5.683	5.662	5.723	VV	2534	35201	0.47%	0.011%
108	5.742	5.723	5.807	VV	3016	60711	0.81%	0.018%
109	5.816	5.807	5.827	VV	439	3994	0.05%	0.001%
110	5.856	5.827	5.886	VV	1102	19272	0.26%	0.006%
111	5.908	5.886	5.920	VV	1629	19506	0.26%	0.006%
112	5.931	5.920	5.958	VV	1655	24167	0.32%	0.007%
113	5.972	5.958	5.980	VV	543	5956	0.08%	0.002%
114	6.017	5.980	6.026	VV	1214	21871	0.29%	0.007%
115	6.037	6.026	6.051	VV	1557	19603	0.26%	0.006%
116	6.054	6.051	6.080	VV	1229	15820	0.21%	0.005%
117	6.096	6.080	6.121	VV	1030	17162	0.23%	0.005%
118	6.132	6.121	6.145	VV	794	8051	0.11%	0.002%
119	6.177	6.145	6.200	VV	741	16658	0.22%	0.005%
120	6.218	6.200	6.247	VV	1729	21796	0.29%	0.007%
121	6.277	6.247	6.297	VV	1187	20993	0.28%	0.006%
122	6.319	6.297	6.343	VV	9738	109957	1.46%	0.033%
123	6.352	6.343	6.362	VV	1186	12788	0.17%	0.004%
124	6.368	6.362	6.395	VV	1131	13577	0.18%	0.004%
125	6.418	6.395	6.439	VV	917	14186	0.19%	0.004%
126	6.468	6.439	6.499	VV	3240	57075	0.76%	0.017%
127	6.505	6.499	6.528	VV	1072	12255	0.16%	0.004%
128	6.544	6.528	6.559	VV	810	10488	0.14%	0.003%
129	6.573	6.559	6.580	VV	694	7525	0.10%	0.002%
130	6.609	6.580	6.638	VV	1353	30864	0.41%	0.009%
131	6.647	6.638	6.674	VV	794	14079	0.19%	0.004%
132	6.696	6.674	6.710	VV	1107	17774	0.24%	0.005%
133	6.722	6.710	6.748	VV	1533	20488	0.27%	0.006%
134	6.771	6.748	6.801	VV	3601	54355	0.72%	0.016%
135	6.807	6.801	6.838	VV	872	12593	0.17%	0.004%
136	6.858	6.838	6.872	VV	624	9943	0.13%	0.003%
137	6.888	6.872	6.904	VV	693	10516	0.14%	0.003%
138	6.923	6.904	6.942	VV	1952	24423	0.32%	0.007%
139	6.966	6.942	6.988	VV	988	17549	0.23%	0.005%
140	6.999	6.988	7.016	VV	545	5823	0.08%	0.002%
141	7.056	7.016	7.076	VV	960	15227	0.20%	0.005%

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142	7.103	7.076	7.130	PV	906	17127	0.23%	0.005%
143	7.136	7.130	7.151	VV	441	3746	0.05%	0.001%
144	7.183	7.151	7.205	VV	1364	20223	0.27%	0.006%
145	7.235	7.205	7.239	VV	662	9803	0.13%	0.003%
146	7.264	7.239	7.289	VV	2911	49417	0.66%	0.015%
147	7.303	7.289	7.311	VV	2169	25366	0.34%	0.008%
148	7.322	7.311	7.334	VV	2414	28973	0.38%	0.009%
149	7.344	7.334	7.375	VV	2310	34447	0.46%	0.010%
150	7.413	7.375	7.437	VV	8083	109136	1.45%	0.033%
151	7.444	7.437	7.472	VV	1540	25573	0.34%	0.008%
152	7.490	7.472	7.530	VV	3362	55536	0.74%	0.017%
153	7.551	7.530	7.574	VV	6151	70063	0.93%	0.021%
154	7.589	7.574	7.609	VV	1644	23648	0.31%	0.007%
155	7.614	7.609	7.631	VV	787	9149	0.12%	0.003%
156	7.641	7.631	7.656	VV	865	9548	0.13%	0.003%
157	7.716	7.656	7.749	VV	5721	100614	1.33%	0.030%
158	7.761	7.749	7.778	VV	852	13002	0.17%	0.004%
159	7.785	7.778	7.797	VV	836	8278	0.11%	0.002%
160	7.805	7.797	7.822	VV	781	9208	0.12%	0.003%
161	7.843	7.822	7.866	VV	637	12820	0.17%	0.004%
162	7.896	7.866	7.927	VV	1869	35850	0.48%	0.011%
163	7.945	7.927	7.965	VV	778	12165	0.16%	0.004%
164	7.978	7.965	7.984	PV	368	2406	0.03%	0.001%
165	8.015	7.984	8.035	VV	746	12976	0.17%	0.004%
166	8.058	8.035	8.072	VV	1056	15732	0.21%	0.005%
167	8.080	8.072	8.096	VV	631	7127	0.09%	0.002%
168	8.114	8.096	8.127	VV	934	11277	0.15%	0.003%
169	8.151	8.127	8.188	VV	3182	60500	0.80%	0.018%
170	8.199	8.188	8.225	VV	1288	19722	0.26%	0.006%
171	8.244	8.225	8.267	VV	1256	18521	0.25%	0.006%
172	8.291	8.267	8.299	VV	1795	20004	0.27%	0.006%
173	8.310	8.299	8.322	VV	2017	24835	0.33%	0.007%
174	8.335	8.322	8.390	VV	2260	49993	0.66%	0.015%
175	8.415	8.390	8.459	VV	6201	110313	1.46%	0.033%
176	8.484	8.459	8.499	VV	1919	34276	0.45%	0.010%
177	8.505	8.499	8.510	VV	1699	11631	0.15%	0.003%
178	8.530	8.510	8.545	VV	7914	91139	1.21%	0.027%
179	8.558	8.545	8.575	VV	5752	68604	0.91%	0.021%
180	8.596	8.575	8.629	VV	9521	131178	1.74%	0.039%
181	8.643	8.629	8.664	VV	1388	19745	0.26%	0.006%
182	8.715	8.664	8.748	VV	5261	134565	1.79%	0.040%
183	8.764	8.748	8.783	VV	2830	37483	0.50%	0.011%
184	8.809	8.783	8.840	VV	1825	40175	0.53%	0.012%
185	8.848	8.840	8.865	VV	823	8138	0.11%	0.002%
186	8.887	8.865	8.897	VV	524	8396	0.11%	0.003%
187	8.907	8.897	8.919	VV	513	5253	0.07%	0.002%
188	8.931	8.919	8.939	VV	391	3836	0.05%	0.001%
189	8.967	8.939	8.985	VV	1561	29193	0.39%	0.009%
190	9.014	8.985	9.038	VV	21783	246844	3.27%	0.074%
191	9.060	9.038	9.079	VV	4425	69781	0.93%	0.021%
192	9.089	9.079	9.111	VV	1813	31788	0.42%	0.010%
193	9.134	9.111	9.164	VV	6820	100020	1.33%	0.030%
194	9.185	9.164	9.197	VV	1310	21676	0.29%	0.007%

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195	9.217	9.197	9.234	VV	2013	33590	0.45%	0.010%
196	9.254	9.234	9.270	VV	4800	63272	0.84%	0.019%
197	9.289	9.270	9.310	VV	10820	127001	1.68%	0.038%
198	9.328	9.310	9.366	VV	2777	71713	0.95%	0.022%
199	9.377	9.366	9.392	VV	1981	25338	0.34%	0.008%
200	9.424	9.392	9.450	VV	13056	169810	2.25%	0.051%
201	9.467	9.450	9.495	VV	4553	61837	0.82%	0.019%
202	9.504	9.495	9.546	VV	868	14436	0.19%	0.004%
203	9.583	9.546	9.600	PV	3889	47136	0.63%	0.014%
204	9.615	9.600	9.645	VV	2907	35801	0.47%	0.011%
205	9.665	9.645	9.679	VV	923	12250	0.16%	0.004%
206	9.719	9.679	9.738	VV	3930	62458	0.83%	0.019%
207	9.755	9.738	9.777	VV	2459	35653	0.47%	0.011%
208	9.804	9.777	9.853	VV	17053	241181	3.20%	0.072%
209	9.883	9.853	9.912	VV	5896	106308	1.41%	0.032%
210	9.926	9.912	9.938	VV	3220	36913	0.49%	0.011%
211	9.956	9.938	9.972	VV	5690	74721	0.99%	0.022%
212	9.982	9.972	9.997	VV	3073	34939	0.46%	0.010%
213	10.016	9.997	10.056	VV	3604	77773	1.03%	0.023%
214	10.079	10.056	10.105	VV	21259	235735	3.13%	0.071%
215	10.126	10.105	10.185	VV	6470	154978	2.06%	0.047%
216	10.204	10.185	10.218	VV	12408	148736	1.97%	0.045%
217	10.227	10.218	10.275	VV	7017	103216	1.37%	0.031%
218	10.291	10.275	10.297	VV	1830	18214	0.24%	0.005%
219	10.311	10.297	10.344	VV	3186	47587	0.63%	0.014%
220	10.387	10.344	10.462	VV	1926	48021	0.64%	0.014%
221	10.485	10.462	10.501	PV	1009	12585	0.17%	0.004%
222	10.520	10.501	10.526	VV	528	6991	0.09%	0.002%
223	10.550	10.526	10.569	VV	2773	39683	0.53%	0.012%
224	10.594	10.569	10.619	VV	6525	98772	1.31%	0.030%
225	10.659	10.619	10.670	VV	4036	73113	0.97%	0.022%
226	10.688	10.670	10.712	VV	6100	88436	1.17%	0.027%
227	10.732	10.712	10.770	VV	5149	76983	1.02%	0.023%
228	10.803	10.770	10.839	VV	4098	91882	1.22%	0.028%
229	10.862	10.839	10.894	VV	10605	180721	2.40%	0.054%
230	10.902	10.894	10.917	VV	2846	34590	0.46%	0.010%
231	10.943	10.917	10.963	VV	13482	180142	2.39%	0.054%
232	10.976	10.963	10.989	VV	4213	50175	0.67%	0.015%
233	11.014	10.989	11.039	VV	17172	263442	3.49%	0.079%
234	11.048	11.039	11.064	VV	2611	32654	0.43%	0.010%
235	11.074	11.064	11.094	VV	2133	29662	0.39%	0.009%
236	11.112	11.094	11.145	VV	3808	69051	0.92%	0.021%
237	11.152	11.145	11.156	VV	1736	11510	0.15%	0.003%
238	11.177	11.156	11.188	VV	3775	52603	0.70%	0.016%
239	11.213	11.188	11.264	VV	160114	1738712	23.07%	0.522%
240	11.287	11.264	11.309	VV	46417	526550	6.99%	0.158%
241	11.317	11.309	11.331	VV	4734	53416	0.71%	0.016%
242	11.336	11.331	11.356	VV	3260	35256	0.47%	0.011%
243	11.363	11.356	11.370	VV	1469	12027	0.16%	0.004%
244	11.397	11.370	11.412	VV	1797	33958	0.45%	0.010%
245	11.423	11.412	11.439	VV	1158	12889	0.17%	0.004%
246	11.458	11.439	11.480	VV	3000	39163	0.52%	0.012%

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247	11.503	11.480	11.543	VV	13387	166910	2.21%	0.050%
248	11.576	11.543	11.594	PV	1949	29598	0.39%	0.009%
249	11.613	11.594	11.626	VV	2868	40888	0.54%	0.012%
250	11.646	11.626	11.672	VV	11911	155577	2.06%	0.047%
251	11.683	11.672	11.689	VV	1395	12167	0.16%	0.004%
252	11.737	11.689	11.768	VV	12948	213377	2.83%	0.064%
253	11.782	11.768	11.786	VV	770	6999	0.09%	0.002%
254	11.808	11.786	11.820	VV	2357	32956	0.44%	0.010%
255	11.841	11.820	11.858	VV	10757	136419	1.81%	0.041%
256	11.866	11.858	11.878	VV	3875	40933	0.54%	0.012%
257	11.905	11.878	11.924	VV	3856	85755	1.14%	0.026%
258	11.947	11.924	11.955	VV	2921	43368	0.58%	0.013%
259	11.965	11.955	11.984	VV	2956	34102	0.45%	0.010%
260	12.016	11.984	12.031	VV	19124	236283	3.13%	0.071%
261	12.047	12.031	12.070	VV	26228	307417	4.08%	0.092%
262	12.087	12.070	12.092	VV	2511	29668	0.39%	0.009%
263	12.132	12.092	12.149	VV	22574	379713	5.04%	0.114%
264	12.165	12.149	12.180	VV	14272	172181	2.28%	0.052%
265	12.196	12.180	12.224	VV	18577	222084	2.95%	0.067%
266	12.242	12.224	12.247	PV	1094	7397	0.10%	0.002%
267	12.317	12.247	12.362	VV	11006	253022	3.36%	0.076%
268	12.381	12.362	12.397	VV	8462	99723	1.32%	0.030%
269	12.412	12.397	12.440	VV	6213	94497	1.25%	0.028%
270	12.447	12.440	12.459	VV	1147	9227	0.12%	0.003%
271	12.484	12.459	12.505	VV	13584	163708	2.17%	0.049%
272	12.519	12.505	12.531	VV	2719	32337	0.43%	0.010%
273	12.564	12.531	12.616	VV	28873	434147	5.76%	0.130%
274	12.632	12.616	12.651	VV	3067	41877	0.56%	0.013%
275	12.667	12.651	12.677	VV	1893	22212	0.29%	0.007%
276	12.696	12.677	12.709	VV	3851	52894	0.70%	0.016%
277	12.735	12.709	12.749	VV	4228	76426	1.01%	0.023%
278	12.760	12.749	12.773	VV	3276	40589	0.54%	0.012%
279	12.779	12.773	12.790	VV	2354	21914	0.29%	0.007%
280	12.807	12.790	12.849	VV	6922	123057	1.63%	0.037%
281	12.874	12.849	12.897	PV	9511	143597	1.90%	0.043%
282	12.920	12.897	12.937	VV	15129	214778	2.85%	0.064%
283	12.956	12.937	12.974	VV	18474	257868	3.42%	0.077%
284	12.982	12.974	13.004	VV	7747	89305	1.18%	0.027%
285	13.039	13.004	13.082	VV	251659	2897207	38.43%	0.870%
286	13.101	13.082	13.118	VV	3202	37864	0.50%	0.011%
287	13.135	13.118	13.149	PV	1829	20167	0.27%	0.006%
288	13.189	13.149	13.201	VV	4914	103397	1.37%	0.031%
289	13.223	13.201	13.238	VV	9702	146214	1.94%	0.044%
290	13.246	13.238	13.305	VV	6177	143031	1.90%	0.043%
291	13.339	13.305	13.372	VV	202409	2315542	30.72%	0.695%
292	13.391	13.372	13.406	VV	25117	300180	3.98%	0.090%
293	13.422	13.406	13.455	VV	23792	348157	4.62%	0.105%
294	13.463	13.455	13.488	VV	2909	41722	0.55%	0.013%
295	13.508	13.488	13.522	VV	9167	109007	1.45%	0.033%
296	13.538	13.522	13.554	VV	11588	143843	1.91%	0.043%
297	13.570	13.554	13.585	VV	11438	144745	1.92%	0.043%
298	13.602	13.585	13.627	VV	15572	226073	3.00%	0.068%
299	13.638	13.627	13.651	VV	5938	68700	0.91%	0.021%

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300	13.674	13.651	13.703	VV	7111	135854	1.80%	0.041%
301	13.732	13.703	13.750	VV	7487	107250	1.42%	0.032%
302	13.756	13.750	13.770	VV	3042	30548	0.41%	0.009%
303	13.798	13.770	13.823	VV	17636	257771	3.42%	0.077%
304	13.836	13.823	13.864	VV	1725	26170	0.35%	0.008%
305	13.926	13.864	13.962	PV	36934	578381	7.67%	0.174%
306	13.967	13.962	13.971	VV	2073	10133	0.13%	0.003%
307	13.991	13.971	14.007	VV	4365	53720	0.71%	0.016%
308	14.034	14.007	14.056	VV	31827	411870	5.46%	0.124%
309	14.075	14.056	14.094	VV	17326	219393	2.91%	0.066%
310	14.112	14.094	14.133	VV	10611	151629	2.01%	0.046%
311	14.158	14.133	14.176	VV	21174	314916	4.18%	0.095%
312	14.205	14.176	14.228	VV	17668	339354	4.50%	0.102%
313	14.246	14.228	14.282	VV	14231	185800	2.46%	0.056%
314	14.301	14.282	14.307	VV	3080	31661	0.42%	0.010%
315	14.321	14.307	14.340	VV	3468	42875	0.57%	0.013%
316	14.385	14.340	14.417	PV	4475	121219	1.61%	0.036%
317	14.432	14.417	14.444	VV	2566	29721	0.39%	0.009%
318	14.457	14.444	14.475	VV	2138	33143	0.44%	0.010%
319	14.482	14.475	14.498	VV	1876	17441	0.23%	0.005%
320	14.519	14.498	14.535	PV	1964	25344	0.34%	0.008%
321	14.577	14.535	14.597	VV	4401	117293	1.56%	0.035%
322	14.633	14.597	14.647	VV	8365	157801	2.09%	0.047%
323	14.667	14.647	14.700	VV	17873	288178	3.82%	0.086%
324	14.721	14.700	14.749	VV	15986	231016	3.06%	0.069%
325	14.777	14.749	14.811	VV	6698	184834	2.45%	0.055%
326	14.842	14.811	14.865	VV	19964	322090	4.27%	0.097%
327	14.873	14.865	14.881	VV	3526	27140	0.36%	0.008%
328	14.906	14.881	14.929	VV	25135	383876	5.09%	0.115%
329	14.949	14.929	14.957	VV	10387	128851	1.71%	0.039%
330	14.971	14.957	15.004	VV	16604	237894	3.16%	0.071%
331	15.058	15.004	15.084	VV	102774	1483338	19.68%	0.445%
332	15.094	15.084	15.133	VV	7992	116713	1.55%	0.035%
333	15.170	15.133	15.187	VV	8245	117998	1.57%	0.035%
334	15.222	15.187	15.242	VV	128399	1658941	22.01%	0.498%
335	15.263	15.242	15.290	VV	133152	1588488	21.07%	0.477%
336	15.312	15.290	15.335	VV	6562	99463	1.32%	0.030%
337	15.384	15.335	15.436	VV	26047	566830	7.52%	0.170%
338	15.463	15.436	15.491	VV	14178	236791	3.14%	0.071%
339	15.525	15.491	15.551	PV	17861	298098	3.95%	0.089%
340	15.578	15.551	15.621	VV	11241	281051	3.73%	0.084%
341	15.655	15.621	15.727	PV	41831	1152643	15.29%	0.346%
342	15.734	15.727	15.754	VV	2880	27472	0.36%	0.008%
343	15.805	15.754	15.830	PV	154768	2239183	29.70%	0.672%
344	15.857	15.830	15.872	VV	8123	151116	2.00%	0.045%
345	15.895	15.872	15.917	VV	27910	381535	5.06%	0.115%
346	15.934	15.917	15.958	VV	15958	202079	2.68%	0.061%
347	15.984	15.958	15.994	VV	6298	83108	1.10%	0.025%
348	15.999	15.994	16.002	VV	3761	15854	0.21%	0.005%
349	16.056	16.002	16.087	VV	19673	496954	6.59%	0.149%
350	16.106	16.087	16.117	VV	3769	56096	0.74%	0.017%
351	16.132	16.117	16.150	VV	6938	92414	1.23%	0.028%

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352	16.159	16.150	16.166	VV	2076	16359	0.22%	0.005%
353	16.183	16.166	16.197	VV	4236	49691	0.66%	0.015%
354	16.213	16.197	16.236	VV	6651	103792	1.38%	0.031%
355	16.284	16.236	16.307	VV	27361	495945	6.58%	0.149%
356	16.328	16.307	16.371	VV	11128	224521	2.98%	0.067%
357	16.386	16.371	16.390	VV	1281	9444	0.13%	0.003%
358	16.400	16.390	16.405	VV	1896	8858	0.12%	0.003%
359	16.435	16.405	16.442	PV	2119	21741	0.29%	0.007%
360	16.496	16.442	16.525	VV	10199	265014	3.52%	0.080%
361	16.534	16.525	16.552	VV	5695	68239	0.91%	0.020%
362	16.573	16.552	16.586	VV	14137	196731	2.61%	0.059%
363	16.598	16.586	16.619	VV	12213	183427	2.43%	0.055%
364	16.696	16.619	16.719	VV	19731	647889	8.59%	0.194%
365	16.728	16.719	16.740	VV	8768	98682	1.31%	0.030%
366	16.790	16.740	16.809	VV	135734	2364738	31.37%	0.710%
367	16.816	16.809	16.839	VV	59560	668938	8.87%	0.201%
368	16.845	16.839	16.851	VV	10073	67203	0.89%	0.020%
369	16.921	16.851	16.943	VV	40717	958622	12.72%	0.288%
370	16.953	16.943	16.959	VV	14993	145454	1.93%	0.044%
371	16.988	16.959	17.025	VV	17643	574822	7.63%	0.173%
372	17.043	17.025	17.056	VV	15642	237267	3.15%	0.071%
373	17.080	17.056	17.085	VV	22700	326163	4.33%	0.098%
374	17.113	17.085	17.142	VV	92255	1566967	20.79%	0.470%
375	17.173	17.142	17.209	VV	111268	1836547	24.36%	0.551%
376	17.238	17.209	17.254	VV	54785	961997	12.76%	0.289%
377	17.274	17.254	17.298	VV	66230	1178989	15.64%	0.354%
378	17.316	17.298	17.353	VV	38640	935177	12.41%	0.281%
379	17.423	17.353	17.439	VV	33079	1330189	17.65%	0.399%
380	17.445	17.439	17.457	VV	27907	296993	3.94%	0.089%
381	17.496	17.457	17.518	VV	33520	1103082	14.63%	0.331%
382	17.534	17.518	17.551	VV	38094	689434	9.15%	0.207%
383	17.573	17.551	17.601	VV	42807	1076226	14.28%	0.323%
384	17.630	17.601	17.655	VV	43095	1219841	16.18%	0.366%
385	17.689	17.655	17.719	VV	66816	1849787	24.54%	0.555%
386	17.746	17.719	17.754	VV	34308	669515	8.88%	0.201%
387	17.774	17.754	17.794	VV	37439	798829	10.60%	0.240%
388	17.819	17.794	17.854	VV	45332	1360937	18.05%	0.408%
389	17.878	17.854	17.909	VV	40666	1173783	15.57%	0.352%
390	17.915	17.909	17.920	VV	30998	192907	2.56%	0.058%
391	17.925	17.920	17.930	VV	31283	174391	2.31%	0.052%
392	17.974	17.930	18.006	VV	38959	1485522	19.71%	0.446%
393	18.046	18.006	18.052	VV	42055	997687	13.24%	0.299%
394	18.057	18.052	18.074	VV	43005	521747	6.92%	0.157%
395	18.128	18.074	18.179	VV	83652	3285537	43.59%	0.986%
396	18.219	18.179	18.246	VV	55778	1850300	24.55%	0.555%
397	18.291	18.246	18.331	VV	105585	3505614	46.50%	1.052%
398	18.335	18.331	18.368	VV	61278	1173087	15.56%	0.352%
399	18.382	18.368	18.388	VV	50060	562049	7.46%	0.169%
400	18.392	18.388	18.400	VV	48571	345280	4.58%	0.104%
401	18.412	18.400	18.427	VV	49499	759320	10.07%	0.228%
402	18.463	18.427	18.481	VV	76539	2055805	27.27%	0.617%
403	18.504	18.481	18.522	VV	74273	1736249	23.03%	0.521%
404	18.554	18.522	18.582	VV	144790	3296638	43.73%	0.990%

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405	18.591	18.582	18.600	VV	64367	668940	8.87%	0.201%
406	18.606	18.600	18.612	VV	62119	443917	5.89%	0.133%
407	18.631	18.612	18.637	VV	68728	948284	12.58%	0.285%
408	18.661	18.637	18.707	VV	102149	3405064	45.17%	1.022%
409	18.721	18.707	18.728	VV	72061	862609	11.44%	0.259%
410	18.733	18.728	18.756	VV	69116	1088447	14.44%	0.327%
411	18.761	18.756	18.772	VV	59911	567177	7.52%	0.170%
412	18.813	18.772	18.835	VV	110731	2970586	39.41%	0.892%
413	18.841	18.835	18.850	VV	64811	553131	7.34%	0.166%
414	18.868	18.850	18.875	VV	67539	1004166	13.32%	0.301%
415	18.893	18.875	18.912	VV	82740	1644741	21.82%	0.494%
416	18.960	18.912	18.997	VV	111066	4323852	57.36%	1.298%
417	19.003	18.997	19.019	VV	68165	900956	11.95%	0.270%
418	19.043	19.019	19.047	VV	74882	1140012	15.12%	0.342%
419	19.083	19.047	19.107	VV	105319	3257732	43.22%	0.978%
420	19.133	19.107	19.159	VV	112306	2903919	38.52%	0.872%
421	19.165	19.159	19.199	VV	83197	1901757	25.23%	0.571%
422	19.257	19.199	19.280	VV	92451	4199701	55.71%	1.261%
423	19.361	19.280	19.395	VV	131870	7007264	92.96%	2.103%
424	19.412	19.395	19.452	VV	115933	3421738	45.39%	1.027%
425	19.456	19.452	19.460	VV	94392	429986	5.70%	0.129%
426	19.479	19.460	19.501	VV	111824	2561516	33.98%	0.769%
427	19.505	19.501	19.532	VV	104649	1881731	24.96%	0.565%
428	19.554	19.532	19.560	VV	96168	1572981	20.87%	0.472%
429	19.575	19.560	19.588	VV	100493	1662202	22.05%	0.499%
430	19.596	19.588	19.615	VV	103897	1609542	21.35%	0.483%
431	19.647	19.615	19.660	VV	107144	2766031	36.69%	0.830%
432	19.669	19.660	19.697	VV	106610	2291427	30.40%	0.688%
433	19.702	19.697	19.708	VV	102524	641103	8.50%	0.192%
434	19.749	19.708	19.770	VV	141296	4416738	58.59%	1.326%
435	19.797	19.770	19.812	VV	126974	3012348	39.96%	0.904%
436	19.832	19.812	19.851	VV	127628	2878900	38.19%	0.864%
437	19.865	19.851	19.869	VV	125185	1294064	17.17%	0.388%
438	19.887	19.869	19.913	VV	127953	3258105	43.22%	0.978%
439	19.979	19.913	20.000	VV	146587	6811735	90.36%	2.045%
440	20.006	20.000	20.010	VV	135088	835619	11.09%	0.251%
441	20.033	20.010	20.069	VV	151228	4946362	65.62%	1.485%
442	20.124	20.069	20.152	VV	180828	7538183	100.00%	2.263%
443	20.156	20.152	20.170	VV	149791	1638033	21.73%	0.492%
444	20.185	20.170	20.209	VV	159619	3456359	45.85%	1.037%
445	20.227	20.209	20.243	VV	146865	2953673	39.18%	0.887%
446	20.298	20.243	20.314	VV	158333	6425281	85.24%	1.929%
447	20.322	20.314	20.327	VV	154153	1116844	14.82%	0.335%
448	20.358	20.327	20.387	VV	168961	5702158	75.64%	1.712%
449	20.417	20.387	20.435	VV	177339	4828515	64.05%	1.449%
450	20.454	20.435	20.466	VV	172714	3071670	40.75%	0.922%
451	20.489	20.466	20.520	VV	191085	5712230	75.78%	1.715%
452	20.524	20.520	20.536	VV	164120	1536909	20.39%	0.461%
453	20.540	20.536	20.545	VV	164222	842957	11.18%	0.253%
454	20.549	20.545	20.555	VV	164628	1049608	13.92%	0.315%
455	20.581	20.555	20.597	VV	183559	4359239	57.83%	1.308%
456	20.607	20.597	20.614	VV	172324	1707461	22.65%	0.513%

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457	20.661	20.614	20.675	VV	196439	6792684	90.11%	2.039%
458	20.713	20.675	20.719	VV	198916	4997912	66.30%	1.500%
459	20.724	20.719	20.732	VV	196042	1479993	19.63%	0.444%
460	20.737	20.732	20.758	VV	190687	2961992	39.29%	0.889%
461	20.764	20.758	20.823	VV	187891	6888995	91.39%	2.068%
462	20.846	20.823	20.882	VV	193401	6271522	83.20%	1.882%
463	20.887	20.882	20.891	VV	164678	865131	11.48%	0.260%
464	20.900	20.891	20.903	VV	164864	1200663	15.93%	0.360%
465	20.913	20.903	20.919	VV	169983	1584836	21.02%	0.476%
466	20.926	20.919	20.938	VV	169046	1864288	24.73%	0.560%
467	20.942	20.938	20.946	VV	165002	775957	10.29%	0.233%
468	20.969	20.946	20.975	VV	171123	3018127	40.04%	0.906%
469	20.982	20.975	21.004	VV	171153	2861151	37.96%	0.859%
470	21.007	21.004	21.049	VV	167591	4350665	57.72%	1.306%
471	21.053	21.049	21.068	VV	155372	1789211	23.74%	0.537%
472	21.076	21.068	21.085	VV	151782	1547392	20.53%	0.464%
473	21.092	21.085	21.124	VV	153011	3431708	45.52%	1.030%
474	21.137	21.124	21.175	VV	142889	4312229	57.21%	1.294%
475	21.180	21.175	21.184	VV	135483	703213	9.33%	0.211%
476	21.195	21.184	21.209	VV	136523	1979841	26.26%	0.594%
477	21.234	21.209	21.277	VV	152989	5721841	75.90%	1.717%
478	21.280	21.277	21.306	VV	126290	2130036	28.26%	0.639%
479	21.323	21.306	21.335	VV	122851	2061624	27.35%	0.619%
480	21.352	21.335	21.357	VV	119955	1589616	21.09%	0.477%
481	21.362	21.357	21.372	VV	118234	1035660	13.74%	0.311%
482	21.377	21.372	21.382	VV	116087	692402	9.19%	0.208%
483	21.385	21.382	21.410	VV	116274	1921301	25.49%	0.577%
484	21.415	21.410	21.420	VV	111587	665418	8.83%	0.200%
485	21.425	21.420	21.455	VV	111250	2276261	30.20%	0.683%
486	21.473	21.455	21.487	VV	104602	1950680	25.88%	0.586%
487	21.491	21.487	21.497	VV	102939	613372	8.14%	0.184%
488	21.502	21.497	21.515	VV	102694	1114057	14.78%	0.334%
489	21.518	21.515	21.526	VV	99204	609981	8.09%	0.183%
490	21.533	21.526	21.542	VV	97689	944676	12.53%	0.284%
491	21.547	21.542	21.551	VV	95952	517198	6.86%	0.155%
492	21.563	21.551	21.584	VV	95869	1865613	24.75%	0.560%
493	21.590	21.584	21.635	VV	90345	2578824	34.21%	0.774%
494	21.671	21.635	21.727	VV	93726	4468475	59.28%	1.341%
495	21.738	21.727	21.742	VV	73012	650075	8.62%	0.195%
496	21.747	21.742	21.761	VV	73365	844957	11.21%	0.254%
497	21.772	21.761	21.779	VV	71836	731991	9.71%	0.220%
498	21.792	21.779	21.842	VV	72844	2529235	33.55%	0.759%
499	21.849	21.842	21.867	VV	58829	858296	11.39%	0.258%
500	21.874	21.867	21.879	VV	56978	400731	5.32%	0.120%
501	21.885	21.879	21.889	VV	56224	357153	4.74%	0.107%
502	21.910	21.889	21.919	VV	58232	987212	13.10%	0.296%
503	21.923	21.919	21.932	VV	56308	438364	5.82%	0.132%
504	21.937	21.932	21.952	VV	54424	604612	8.02%	0.181%
505	21.961	21.952	22.022	VV	49994	1760574	23.36%	0.528%
506	22.032	22.022	22.043	VV	33294	410770	5.45%	0.123%
507	22.049	22.043	22.077	VV	31360	566836	7.52%	0.170%
508	22.104	22.077	22.113	VV	28475	598130	7.93%	0.180%
509	22.169	22.113	22.242	VV	42628	2191261	29.07%	0.658%

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510	22.250	22.242	22.255	VV	16204	116707	1.55%	0.035%
511	22.264	22.255	22.276	VV	14188	159171	2.11%	0.048%
512	22.285	22.276	22.292	VV	12463	110203	1.46%	0.033%
513	22.306	22.292	22.314	VV	13866	156882	2.08%	0.047%
514	22.318	22.314	22.334	VV	13178	133552	1.77%	0.040%
515	22.339	22.334	22.360	VV	8701	87445	1.16%	0.026%
516	22.372	22.360	22.377	VV	5004	45115	0.60%	0.014%
517	22.382	22.377	22.400	VBA	3622	211526	2.81%	0.063%
					Sum of corrected areas:		333159508	

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