

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF021723\
 Data File : FF012150.D
 Signal(s) : FID2B.ch
 Acq On : 17 Feb 2023 18:03
 Sample : 01586-05MSD
 Misc :
 ALS Vial : 61 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	1.632	1.598	1.664	BV	7673	263781	2.18%	0.061%
2	1.678	1.664	1.761	VV	6835	333803	2.76%	0.077%
3	1.777	1.761	1.807	VV	5367	138690	1.15%	0.032%
4	1.809	1.807	1.833	VV	4765	71979	0.59%	0.017%
5	1.862	1.833	1.905	VV	5232	213366	1.76%	0.049%
6	1.915	1.905	1.936	VV	4920	88908	0.73%	0.020%
7	1.942	1.936	1.954	VV	4488	48078	0.40%	0.011%
8	1.959	1.954	1.967	VV	4469	32954	0.27%	0.008%
9	1.970	1.967	2.006	VV	4406	97233	0.80%	0.022%
10	2.014	2.006	2.042	VV	3996	82622	0.68%	0.019%
11	2.082	2.042	2.267	VV	75292	2068254	17.09%	0.476%
12	2.271	2.267	2.286	VV	2683	30193	0.25%	0.007%
13	2.304	2.286	2.356	VV	3609	118708	0.98%	0.027%
14	2.374	2.356	2.435	VV	5280	153360	1.27%	0.035%
15	2.444	2.435	2.475	VV	2427	54249	0.45%	0.012%
16	2.480	2.475	2.488	VV	2080	14819	0.12%	0.003%
17	2.490	2.488	2.536	VV	2093	57318	0.47%	0.013%
18	2.545	2.536	2.570	VV	1991	38796	0.32%	0.009%
19	2.578	2.570	2.583	VV	1827	14393	0.12%	0.003%
20	2.587	2.583	2.640	VV	1805	57354	0.47%	0.013%
21	2.660	2.640	2.688	VV	2028	53526	0.44%	0.012%
22	2.692	2.688	2.707	VV	1729	18328	0.15%	0.004%
23	2.717	2.707	2.743	VV	1767	35367	0.29%	0.008%
24	2.778	2.743	2.847	VV	2685	112927	0.93%	0.026%
25	2.866	2.847	2.878	VV	1565	27399	0.23%	0.006%
26	2.885	2.878	2.914	VV	1529	31533	0.26%	0.007%
27	2.932	2.914	2.957	VV	1697	39015	0.32%	0.009%
28	2.973	2.957	2.984	VV	2148	31331	0.26%	0.007%
29	3.000	2.984	3.034	VV	2592	62476	0.52%	0.014%
30	3.052	3.034	3.078	VV	1982	44627	0.37%	0.010%
31	3.096	3.078	3.119	VV	1771	38654	0.32%	0.009%
32	3.124	3.119	3.148	VV	1311	21236	0.18%	0.005%
33	3.150	3.148	3.194	VV	1181	29792	0.25%	0.007%
34	3.221	3.194	3.299	VV	1317	64734	0.53%	0.015%
35	3.303	3.299	3.308	VV	875	4556	0.04%	0.001%
36	3.323	3.308	3.336	VV	1211	17792	0.15%	0.004%

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37	3.354	3.336	3.447	VV	1299	61046	0.50%	0.014%
38	3.474	3.447	3.518	VV	1583	45091	0.37%	0.010%
39	3.525	3.518	3.547	VV	820	12967	0.11%	0.003%
40	3.551	3.547	3.562	VV	818	6403	0.05%	0.001%
41	3.566	3.562	3.575	VV	768	5929	0.05%	0.001%
42	3.583	3.575	3.628	VV	829	22495	0.19%	0.005%
43	3.632	3.628	3.645	VV	668	6550	0.05%	0.002%
44	3.673	3.645	3.681	VV	851	14989	0.12%	0.003%
45	3.711	3.681	3.767	VV	3894	81041	0.67%	0.019%
46	3.772	3.767	3.785	VV	651	6408	0.05%	0.001%
47	3.807	3.785	3.830	VV	1696	31334	0.26%	0.007%
48	3.856	3.830	3.876	VV	1239	30073	0.25%	0.007%
49	3.882	3.876	3.914	VV	989	19031	0.16%	0.004%
50	3.944	3.914	3.980	VV	1511	39548	0.33%	0.009%
51	3.991	3.980	4.011	VV	966	14974	0.12%	0.003%
52	4.045	4.011	4.105	VV	1236	49418	0.41%	0.011%
53	4.125	4.105	4.132	VV	810	11690	0.10%	0.003%
54	4.169	4.132	4.222	VV	3962	110273	0.91%	0.025%
55	4.246	4.222	4.296	VV	2413	69503	0.57%	0.016%
56	4.335	4.296	4.364	VV	1852	53436	0.44%	0.012%
57	4.377	4.364	4.406	VV	1884	32365	0.27%	0.007%
58	4.421	4.406	4.477	VV	1070	29252	0.24%	0.007%
59	4.479	4.477	4.483	VV	496	1776	0.01%	0.000%
60	4.501	4.483	4.523	VV	788	12208	0.10%	0.003%
61	4.542	4.523	4.552	VV	872	11406	0.09%	0.003%
62	4.555	4.552	4.574	VV	859	7530	0.06%	0.002%
63	4.608	4.574	4.648	VV	170902	1951188	16.12%	0.449%
64	4.651	4.648	4.670	VV	1649	18060	0.15%	0.004%
65	4.684	4.670	4.703	VV	1198	20270	0.17%	0.005%
66	4.720	4.703	4.750	VV	1105	22123	0.18%	0.005%
67	4.776	4.750	4.806	VV	3842	56466	0.47%	0.013%
68	4.841	4.806	4.877	VV	1657	50070	0.41%	0.012%
69	4.890	4.877	4.907	VV	1379	17682	0.15%	0.004%
70	4.916	4.907	4.942	VV	1089	17876	0.15%	0.004%
71	4.980	4.942	5.009	VV	2243	48721	0.40%	0.011%
72	5.023	5.009	5.043	VV	1318	21501	0.18%	0.005%
73	5.069	5.043	5.095	VV	1134	27331	0.23%	0.006%
74	5.121	5.095	5.160	VV	1443	30136	0.25%	0.007%
75	5.190	5.160	5.209	VV	594	11589	0.10%	0.003%
76	5.231	5.209	5.297	VV	2074	60192	0.50%	0.014%
77	5.313	5.297	5.336	VV	1049	17408	0.14%	0.004%
78	5.356	5.336	5.380	VV	1298	24978	0.21%	0.006%
79	5.394	5.380	5.407	VV	1436	16315	0.13%	0.004%
80	5.421	5.407	5.447	VV	2082	29660	0.25%	0.007%
81	5.449	5.447	5.467	VV	608	5079	0.04%	0.001%
82	5.493	5.467	5.506	VV	735	12420	0.10%	0.003%
83	5.550	5.506	5.577	VV	2230	50503	0.42%	0.012%
84	5.591	5.577	5.605	VV	1604	23924	0.20%	0.006%
85	5.611	5.605	5.641	VV	1529	22719	0.19%	0.005%
86	5.653	5.641	5.663	VV	517	5351	0.04%	0.001%
87	5.684	5.663	5.724	VV	2897	41064	0.34%	0.009%
88	5.743	5.724	5.809	VV	3408	69396	0.57%	0.016%
89	5.823	5.809	5.832	VV	477	5444	0.04%	0.001%

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90	5.856	5.832	5.884	VV	1392	22286	0.18%	0.005%
91	5.908	5.884	5.921	VV	1792	23087	0.19%	0.005%
92	5.933	5.921	5.962	VV	1772	27569	0.23%	0.006%
93	5.972	5.962	5.981	VV	701	5907	0.05%	0.001%
94	6.019	5.981	6.028	VV	1436	25352	0.21%	0.006%
95	6.040	6.028	6.051	VV	1756	20293	0.17%	0.005%
96	6.056	6.051	6.082	VV	1377	19037	0.16%	0.004%
97	6.102	6.082	6.122	VV	1037	19361	0.16%	0.004%
98	6.133	6.122	6.146	VV	852	9056	0.07%	0.002%
99	6.176	6.146	6.197	VV	780	18140	0.15%	0.004%
100	6.219	6.197	6.242	VV	1904	23887	0.20%	0.005%
101	6.279	6.242	6.297	VV	1308	24164	0.20%	0.006%
102	6.320	6.297	6.348	VV	10605	124016	1.02%	0.029%
103	6.354	6.348	6.363	VV	1213	11005	0.09%	0.003%
104	6.370	6.363	6.399	VV	1292	16440	0.14%	0.004%
105	6.418	6.399	6.442	VV	1152	16982	0.14%	0.004%
106	6.469	6.442	6.498	VV	3628	61954	0.51%	0.014%
107	6.504	6.498	6.528	VV	1145	14331	0.12%	0.003%
108	6.546	6.528	6.557	VV	809	9893	0.08%	0.002%
109	6.570	6.557	6.580	VV	853	9708	0.08%	0.002%
110	6.610	6.580	6.638	VV	1556	32781	0.27%	0.008%
111	6.648	6.638	6.677	VV	830	15886	0.13%	0.004%
112	6.697	6.677	6.710	VV	1220	18254	0.15%	0.004%
113	6.722	6.710	6.743	VV	1722	21515	0.18%	0.005%
114	6.771	6.743	6.843	VV	199507	2062839	17.05%	0.474%
115	6.861	6.843	6.874	VV	848	12764	0.11%	0.003%
116	6.888	6.874	6.905	VV	921	13073	0.11%	0.003%
117	6.924	6.905	6.947	VV	2300	29023	0.24%	0.007%
118	6.966	6.947	6.987	VV	992	16979	0.14%	0.004%
119	6.998	6.987	7.016	VV	650	6506	0.05%	0.001%
120	7.058	7.016	7.078	VV	1070	16786	0.14%	0.004%
121	7.104	7.078	7.128	PV	1035	17739	0.15%	0.004%
122	7.138	7.128	7.155	VV	536	5689	0.05%	0.001%
123	7.183	7.155	7.204	VV	1526	20931	0.17%	0.005%
124	7.226	7.204	7.242	VV	705	11284	0.09%	0.003%
125	7.265	7.242	7.287	VV	3403	51354	0.42%	0.012%
126	7.303	7.287	7.311	VV	2446	30984	0.26%	0.007%
127	7.323	7.311	7.333	VV	2644	30623	0.25%	0.007%
128	7.346	7.333	7.371	VV	2465	35880	0.30%	0.008%
129	7.415	7.371	7.437	VV	8828	120267	0.99%	0.028%
130	7.446	7.437	7.460	VV	1776	19806	0.16%	0.005%
131	7.464	7.460	7.472	VV	1241	8254	0.07%	0.002%
132	7.490	7.472	7.532	VV	3610	58774	0.49%	0.014%
133	7.552	7.532	7.574	VV	6627	74699	0.62%	0.017%
134	7.590	7.574	7.608	VV	1797	24376	0.20%	0.006%
135	7.619	7.608	7.634	VV	883	11136	0.09%	0.003%
136	7.644	7.634	7.657	VV	822	9805	0.08%	0.002%
137	7.679	7.657	7.684	VV	976	12605	0.10%	0.003%
138	7.716	7.684	7.752	VV	6333	101631	0.84%	0.023%
139	7.760	7.752	7.776	VV	957	12094	0.10%	0.003%
140	7.788	7.776	7.827	VV	1017	23810	0.20%	0.005%
141	7.839	7.827	7.869	VV	723	14743	0.12%	0.003%

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142	7.897	7.869	7.927	VV	2042	39174	0.32%	0.009%
143	7.942	7.927	7.966	VV	840	13897	0.11%	0.003%
144	7.978	7.966	7.985	PV	401	2646	0.02%	0.001%
145	8.015	7.985	8.032	VV	791	13290	0.11%	0.003%
146	8.060	8.032	8.073	VV	1201	19554	0.16%	0.004%
147	8.084	8.073	8.101	VV	713	9148	0.08%	0.002%
148	8.118	8.101	8.128	VV	969	11850	0.10%	0.003%
149	8.152	8.128	8.191	VV	3590	67859	0.56%	0.016%
150	8.201	8.191	8.221	VV	1451	18055	0.15%	0.004%
151	8.243	8.221	8.268	VV	1385	22798	0.19%	0.005%
152	8.292	8.268	8.301	VV	2097	25722	0.21%	0.006%
153	8.311	8.301	8.325	VV	2340	28997	0.24%	0.007%
154	8.337	8.325	8.390	VV	2497	54683	0.45%	0.013%
155	8.415	8.390	8.460	VV	6834	123652	1.02%	0.028%
156	8.483	8.460	8.497	VV	2171	36434	0.30%	0.008%
157	8.505	8.497	8.511	VV	1900	15030	0.12%	0.003%
158	8.530	8.511	8.545	VV	8706	101219	0.84%	0.023%
159	8.559	8.545	8.572	VV	6300	72131	0.60%	0.017%
160	8.598	8.572	8.631	VV	198145	2141555	17.70%	0.493%
161	8.641	8.631	8.664	VV	1885	27903	0.23%	0.006%
162	8.717	8.664	8.748	VV	5837	154295	1.27%	0.035%
163	8.766	8.748	8.785	VV	3145	45505	0.38%	0.010%
164	8.809	8.785	8.842	VV	1975	46392	0.38%	0.011%
165	8.851	8.842	8.868	VV	893	10119	0.08%	0.002%
166	8.895	8.868	8.899	VV	617	9667	0.08%	0.002%
167	8.908	8.899	8.921	VV	697	6755	0.06%	0.002%
168	8.933	8.921	8.939	VV	455	4449	0.04%	0.001%
169	8.967	8.939	8.985	VV	1839	33439	0.28%	0.008%
170	9.015	8.985	9.040	VV	23760	275197	2.27%	0.063%
171	9.061	9.040	9.082	VV	4930	79715	0.66%	0.018%
172	9.093	9.082	9.112	VV	2052	32956	0.27%	0.008%
173	9.135	9.112	9.162	VV	7545	109369	0.90%	0.025%
174	9.186	9.162	9.199	VV	1502	26962	0.22%	0.006%
175	9.217	9.199	9.236	VV	2221	38172	0.32%	0.009%
176	9.255	9.236	9.271	VV	5401	70604	0.58%	0.016%
177	9.290	9.271	9.311	VV	12528	142100	1.17%	0.033%
178	9.329	9.311	9.365	VV	3054	76520	0.63%	0.018%
179	9.378	9.365	9.395	VV	2268	32224	0.27%	0.007%
180	9.424	9.395	9.450	VV	14544	186727	1.54%	0.043%
181	9.468	9.450	9.494	VV	5101	69050	0.57%	0.016%
182	9.506	9.494	9.546	VV	1064	18818	0.16%	0.004%
183	9.583	9.546	9.601	PV	4316	52406	0.43%	0.012%
184	9.616	9.601	9.647	VV	3227	39540	0.33%	0.009%
185	9.666	9.647	9.682	VV	971	13155	0.11%	0.003%
186	9.720	9.682	9.739	VV	4243	67141	0.55%	0.015%
187	9.756	9.739	9.777	VV	2743	39685	0.33%	0.009%
188	9.804	9.777	9.856	VV	19136	269480	2.23%	0.062%
189	9.883	9.856	9.912	VV	6446	114328	0.94%	0.026%
190	9.927	9.912	9.939	VV	3520	41387	0.34%	0.010%
191	9.957	9.939	9.972	VV	6450	81042	0.67%	0.019%
192	9.983	9.972	9.997	VV	4444	49071	0.41%	0.011%
193	10.017	9.997	10.035	VV	3838	63233	0.52%	0.015%
194	10.038	10.035	10.056	VV	2276	21156	0.17%	0.005%

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195	10.079	10.056	10.107	VV	23134	259740	2.15%	0.060%
196	10.127	10.107	10.173	VV	6965	150418	1.24%	0.035%
197	10.205	10.173	10.274	VV	199170	2329717	19.25%	0.536%
198	10.292	10.274	10.298	VV	2140	22732	0.19%	0.005%
199	10.311	10.298	10.347	VV	3374	51372	0.42%	0.012%
200	10.389	10.347	10.430	VV	2045	50144	0.41%	0.012%
201	10.436	10.430	10.442	VV	316	2030	0.02%	0.000%
202	10.447	10.442	10.457	VV	258	1670	0.01%	0.000%
203	10.483	10.457	10.499	PV	1119	13703	0.11%	0.003%
204	10.514	10.499	10.527	VV	627	9084	0.08%	0.002%
205	10.551	10.527	10.568	VV	3080	43246	0.36%	0.010%
206	10.595	10.568	10.617	VV	7441	108647	0.90%	0.025%
207	10.659	10.617	10.671	VV	4525	81126	0.67%	0.019%
208	10.688	10.671	10.712	VV	6882	95084	0.79%	0.022%
209	10.734	10.712	10.772	VV	5645	84307	0.70%	0.019%
210	10.804	10.772	10.839	VV	4497	100304	0.83%	0.023%
211	10.863	10.839	10.894	VV	11820	197994	1.64%	0.046%
212	10.904	10.894	10.917	VV	2945	37496	0.31%	0.009%
213	10.944	10.917	10.965	VV	14938	198851	1.64%	0.046%
214	10.977	10.965	10.990	VV	4706	54417	0.45%	0.013%
215	11.015	10.990	11.040	VV	18959	284390	2.35%	0.065%
216	11.049	11.040	11.064	VV	2685	34565	0.29%	0.008%
217	11.076	11.064	11.096	VV	2187	33646	0.28%	0.008%
218	11.113	11.096	11.149	VV	4396	77074	0.64%	0.018%
219	11.178	11.149	11.189	VV	3905	65215	0.54%	0.015%
220	11.215	11.189	11.265	VV	172335	1894584	15.66%	0.436%
221	11.288	11.265	11.310	VV	50862	576038	4.76%	0.132%
222	11.320	11.310	11.357	VV	5266	95390	0.79%	0.022%
223	11.367	11.357	11.375	VV	1635	16467	0.14%	0.004%
224	11.395	11.375	11.411	VV	1844	32428	0.27%	0.007%
225	11.425	11.411	11.439	VV	1184	14240	0.12%	0.003%
226	11.459	11.439	11.481	VV	3946	50245	0.42%	0.012%
227	11.504	11.481	11.544	VV	15022	181354	1.50%	0.042%
228	11.577	11.544	11.593	PV	2005	31618	0.26%	0.007%
229	11.648	11.593	11.693	VV	195790	2265338	18.72%	0.521%
230	11.739	11.693	11.768	VV	14133	230808	1.91%	0.053%
231	11.810	11.768	11.823	VV	2843	48695	0.40%	0.011%
232	11.842	11.823	11.859	VV	11559	145359	1.20%	0.033%
233	11.868	11.859	11.881	VV	4422	49364	0.41%	0.011%
234	11.899	11.881	11.903	VV	4221	50419	0.42%	0.012%
235	11.908	11.903	11.929	VV	4408	48908	0.40%	0.011%
236	11.955	11.929	11.987	VV	3413	85496	0.71%	0.020%
237	12.018	11.987	12.033	VV	21238	263329	2.18%	0.061%
238	12.049	12.033	12.073	VV	29375	341371	2.82%	0.079%
239	12.081	12.073	12.094	VV	2860	34345	0.28%	0.008%
240	12.133	12.094	12.151	VV	24555	415692	3.43%	0.096%
241	12.167	12.151	12.181	VV	16365	189738	1.57%	0.044%
242	12.198	12.181	12.227	VV	19742	248478	2.05%	0.057%
243	12.319	12.227	12.363	PV	12456	292435	2.42%	0.067%
244	12.383	12.363	12.399	VV	9066	113795	0.94%	0.026%
245	12.414	12.399	12.442	VV	6829	106603	0.88%	0.025%
246	12.449	12.442	12.460	VV	1354	10223	0.08%	0.002%

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247	12.486	12.460	12.507	VV	14481	182152	1.51%	0.042%
248	12.520	12.507	12.535	VV	3270	39738	0.33%	0.009%
249	12.567	12.535	12.618	VV	34959	529993	4.38%	0.122%
250	12.631	12.618	12.649	VV	3503	47035	0.39%	0.011%
251	12.667	12.649	12.679	VV	2178	29832	0.25%	0.007%
252	12.697	12.679	12.713	VV	4315	65849	0.54%	0.015%
253	12.736	12.713	12.749	VV	4585	79877	0.66%	0.018%
254	12.761	12.749	12.772	VV	3890	48318	0.40%	0.011%
255	12.783	12.772	12.794	VV	3886	44378	0.37%	0.010%
256	12.810	12.794	12.851	VV	7897	138120	1.14%	0.032%
257	12.876	12.851	12.901	PV	10283	169876	1.40%	0.039%
258	12.921	12.901	12.935	VV	16714	217426	1.80%	0.050%
259	12.961	12.935	13.004	VV	191187	2410217	19.92%	0.554%
260	13.041	13.004	13.077	VV	279501	3165101	26.15%	0.728%
261	13.103	13.077	13.121	VV	3232	45522	0.38%	0.010%
262	13.138	13.121	13.151	PV	1965	19695	0.16%	0.005%
263	13.193	13.151	13.203	VV	5662	114818	0.95%	0.026%
264	13.226	13.203	13.240	VV	10526	160112	1.32%	0.037%
265	13.248	13.240	13.263	VV	6606	80472	0.66%	0.019%
266	13.271	13.263	13.310	VV	4533	78441	0.65%	0.018%
267	13.341	13.310	13.373	PV	220024	2542114	21.01%	0.585%
268	13.394	13.373	13.408	VV	26755	333569	2.76%	0.077%
269	13.424	13.408	13.487	VV	26630	423547	3.50%	0.097%
270	13.511	13.487	13.524	VV	9960	125524	1.04%	0.029%
271	13.540	13.524	13.557	VV	13231	163668	1.35%	0.038%
272	13.572	13.557	13.587	VV	12621	153694	1.27%	0.035%
273	13.605	13.587	13.626	VV	17043	252868	2.09%	0.058%
274	13.637	13.626	13.653	VV	7260	95994	0.79%	0.022%
275	13.676	13.653	13.703	VV	8165	159195	1.32%	0.037%
276	13.733	13.703	13.750	VV	8301	120822	1.00%	0.028%
277	13.759	13.750	13.775	VV	3788	45638	0.38%	0.010%
278	13.799	13.775	13.824	VV	21898	303856	2.51%	0.070%
279	13.839	13.824	13.869	VV	2260	35631	0.29%	0.008%
280	13.928	13.869	13.966	PV	41150	642347	5.31%	0.148%
281	13.969	13.966	13.973	VV	1951	8231	0.07%	0.002%
282	13.994	13.973	14.011	VV	5230	67757	0.56%	0.016%
283	14.035	14.011	14.057	VV	34206	440473	3.64%	0.101%
284	14.077	14.057	14.098	VV	18229	243722	2.01%	0.056%
285	14.113	14.098	14.132	VV	11587	154653	1.28%	0.036%
286	14.160	14.132	14.190	VV	183988	2396923	19.81%	0.551%
287	14.207	14.190	14.229	VV	19467	279911	2.31%	0.064%
288	14.247	14.229	14.285	VV	15446	193987	1.60%	0.045%
289	14.321	14.285	14.340	VV	3208	68353	0.56%	0.016%
290	14.388	14.340	14.420	PV	4903	111864	0.92%	0.026%
291	14.432	14.420	14.445	VV	1996	23747	0.20%	0.005%
292	14.459	14.445	14.467	VV	2549	22425	0.19%	0.005%
293	14.471	14.467	14.476	VV	1989	8094	0.07%	0.002%
294	14.483	14.476	14.501	VV	2071	20221	0.17%	0.005%
295	14.519	14.501	14.532	PV	1915	17064	0.14%	0.004%
296	14.577	14.532	14.596	VV	4954	118727	0.98%	0.027%
297	14.601	14.596	14.610	VV	3545	26092	0.22%	0.006%
298	14.634	14.610	14.648	VV	8868	136739	1.13%	0.031%
299	14.670	14.648	14.700	VV	19591	307715	2.54%	0.071%

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300	14.723	14.700	14.750	VV	17174	246974	2.04%	0.057%
301	14.781	14.750	14.813	VV	7039	183860	1.52%	0.042%
302	14.845	14.813	14.871	VV	22261	353862	2.92%	0.081%
303	14.876	14.871	14.883	VV	3368	20085	0.17%	0.005%
304	14.908	14.883	14.932	VV	28405	420700	3.48%	0.097%
305	14.952	14.932	14.959	VV	11504	139265	1.15%	0.032%
306	14.973	14.959	15.012	VV	18612	246188	2.03%	0.057%
307	15.060	15.012	15.089	VV	109389	1605208	13.26%	0.369%
308	15.095	15.089	15.130	VV	8752	107273	0.89%	0.025%
309	15.172	15.130	15.188	PV	8479	112828	0.93%	0.026%
310	15.223	15.188	15.242	VV	145310	1820134	15.04%	0.419%
311	15.265	15.242	15.293	VV	301109	3725385	30.78%	0.857%
312	15.312	15.293	15.335	VV	6745	83793	0.69%	0.019%
313	15.386	15.335	15.424	VV	30463	575535	4.76%	0.132%
314	15.428	15.424	15.437	VV	5572	36265	0.30%	0.008%
315	15.465	15.437	15.493	VV	16013	258172	2.13%	0.059%
316	15.527	15.493	15.550	PV	18956	301702	2.49%	0.069%
317	15.582	15.550	15.623	VV	11740	310573	2.57%	0.071%
318	15.655	15.623	15.729	VV	47009	1256817	10.39%	0.289%
319	15.735	15.729	15.754	VV	3568	30947	0.26%	0.007%
320	15.807	15.754	15.834	PV	165746	2476658	20.46%	0.570%
321	15.856	15.834	15.860	VV	9407	106205	0.88%	0.024%
322	15.865	15.860	15.877	VV	8898	75053	0.62%	0.017%
323	15.898	15.877	15.919	VV	32591	414961	3.43%	0.095%
324	15.935	15.919	15.957	VV	17948	228717	1.89%	0.053%
325	15.962	15.957	15.967	VV	3382	16427	0.14%	0.004%
326	15.985	15.967	16.005	VV	8832	112352	0.93%	0.026%
327	16.056	16.005	16.087	VV	20831	541496	4.47%	0.125%
328	16.092	16.087	16.096	VV	5044	19787	0.16%	0.005%
329	16.100	16.096	16.105	VV	4658	21192	0.18%	0.005%
330	16.134	16.105	16.152	VV	8948	149050	1.23%	0.034%
331	16.158	16.152	16.162	VV	2651	10641	0.09%	0.002%
332	16.184	16.162	16.195	VV	5338	74958	0.62%	0.017%
333	16.220	16.195	16.242	VV	8080	138539	1.14%	0.032%
334	16.289	16.242	16.316	VV	181731	2536842	20.96%	0.583%
335	16.334	16.316	16.362	VV	12905	246260	2.03%	0.057%
336	16.381	16.362	16.399	VV	4287	60236	0.50%	0.014%
337	16.431	16.399	16.443	VV	3683	53376	0.44%	0.012%
338	16.494	16.443	16.520	PV	13760	312608	2.58%	0.072%
339	16.539	16.520	16.552	VV	9013	110243	0.91%	0.025%
340	16.576	16.552	16.589	VV	16731	259019	2.14%	0.060%
341	16.597	16.589	16.620	VV	14157	207942	1.72%	0.048%
342	16.699	16.620	16.724	VV	21043	785332	6.49%	0.181%
343	16.731	16.724	16.741	VV	12281	102258	0.84%	0.024%
344	16.793	16.741	16.811	VV	152440	2702955	22.33%	0.622%
345	16.819	16.811	16.852	VV	68077	856105	7.07%	0.197%
346	16.881	16.852	16.888	VV	14313	261505	2.16%	0.060%
347	16.924	16.888	16.947	VV	44990	902370	7.46%	0.208%
348	16.953	16.947	16.961	VV	17816	140617	1.16%	0.032%
349	16.990	16.961	17.026	VV	20935	663617	5.48%	0.153%
350	17.048	17.026	17.054	VV	16651	251300	2.08%	0.058%
351	17.117	17.054	17.145	VV	100012	2203390	18.21%	0.507%

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352	17.176	17.145	17.205	VV	124673	1995711	16.49%	0.459%
353	17.241	17.205	17.262	VV	204674	3218008	26.59%	0.740%
354	17.277	17.262	17.301	VV	73993	1241309	10.26%	0.285%
355	17.319	17.301	17.349	VV	43864	972674	8.04%	0.224%
356	17.355	17.349	17.361	VV	25629	181937	1.50%	0.042%
357	17.382	17.361	17.386	VV	28674	376009	3.11%	0.086%
358	17.392	17.386	17.397	VV	27959	195650	1.62%	0.045%
359	17.417	17.397	17.421	VV	37140	468287	3.87%	0.108%
360	17.426	17.421	17.450	VV	37264	588819	4.87%	0.135%
361	17.502	17.450	17.519	VV	38404	1401223	11.58%	0.322%
362	17.535	17.519	17.548	VV	43326	688558	5.69%	0.158%
363	17.574	17.548	17.597	VV	46792	1223201	10.11%	0.281%
364	17.627	17.597	17.655	VV	47861	1502410	12.41%	0.346%
365	17.687	17.655	17.717	VV	77426	2097946	17.34%	0.482%
366	17.776	17.717	17.795	VV	45860	1816269	15.01%	0.418%
367	17.821	17.795	17.853	VV	54605	1608022	13.29%	0.370%
368	17.882	17.853	17.921	VV	50120	1752110	14.48%	0.403%
369	17.935	17.921	17.949	VV	40329	643780	5.32%	0.148%
370	17.973	17.949	18.002	VV	50469	1388313	11.47%	0.319%
371	18.041	18.002	18.056	VV	53039	1467993	12.13%	0.338%
372	18.065	18.056	18.069	VV	50049	380673	3.15%	0.088%
373	18.095	18.069	18.099	VV	53017	904382	7.47%	0.208%
374	18.131	18.099	18.183	VV	234155	5278237	43.61%	1.214%
375	18.195	18.183	18.203	VV	52610	609720	5.04%	0.140%
376	18.221	18.203	18.240	VV	67553	1318130	10.89%	0.303%
377	18.243	18.240	18.248	VV	51597	255930	2.11%	0.059%
378	18.293	18.248	18.316	VV	125522	3371299	27.86%	0.775%
379	18.321	18.316	18.339	VV	79752	1055459	8.72%	0.243%
380	18.342	18.339	18.370	VV	67505	1104560	9.13%	0.254%
381	18.386	18.370	18.400	VV	58346	1019175	8.42%	0.234%
382	18.404	18.400	18.420	VV	57763	677823	5.60%	0.156%
383	18.463	18.420	18.475	VV	91096	2280064	18.84%	0.524%
384	18.494	18.475	18.529	VV	90914	2709586	22.39%	0.623%
385	18.558	18.529	18.589	VV	152976	3756194	31.04%	0.864%
386	18.605	18.589	18.617	VV	79479	1246040	10.30%	0.287%
387	18.662	18.617	18.677	VV	127957	3530325	29.17%	0.812%
388	18.683	18.677	18.686	VV	100188	539812	4.46%	0.124%
389	18.691	18.686	18.713	VV	101441	1477271	12.21%	0.340%
390	18.727	18.713	18.744	VV	90106	1600662	13.23%	0.368%
391	18.747	18.744	18.760	VV	86301	743848	6.15%	0.171%
392	18.775	18.760	18.785	VV	79703	1177746	9.73%	0.271%
393	18.817	18.785	18.840	VV	125404	3259572	26.93%	0.750%
394	18.864	18.840	18.877	VV	88773	1940078	16.03%	0.446%
395	18.894	18.877	18.913	VV	105269	2006056	16.58%	0.461%
396	18.966	18.913	19.024	VV	267751	8504971	70.28%	1.956%
397	19.039	19.024	19.044	VV	90671	1026624	8.48%	0.236%
398	19.083	19.044	19.107	VV	128471	4023340	33.25%	0.925%
399	19.135	19.107	19.166	VV	135642	3979247	32.88%	0.915%
400	19.170	19.166	19.176	VV	102815	612365	5.06%	0.141%
401	19.180	19.176	19.203	VV	102146	1616773	13.36%	0.372%
402	19.219	19.203	19.222	VV	104752	1147518	9.48%	0.264%
403	19.249	19.222	19.257	VV	114768	2236193	18.48%	0.514%
404	19.261	19.257	19.283	VV	112716	1742647	14.40%	0.401%

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405	19.301	19.283	19.310	VV	108904	1712771	14.15%	0.394%
406	19.364	19.310	19.399	VV	153948	6944506	57.38%	1.597%
407	19.417	19.399	19.449	VV	141464	3901046	32.23%	0.897%
408	19.455	19.449	19.459	VV	120679	707501	5.85%	0.163%
409	19.483	19.459	19.497	VV	143643	3020741	24.96%	0.695%
410	19.505	19.497	19.547	VV	132022	3744447	30.94%	0.861%
411	19.558	19.547	19.577	VV	130124	2277712	18.82%	0.524%
412	19.585	19.577	19.589	VV	123152	884086	7.31%	0.203%
413	19.603	19.589	19.627	VV	130134	2887471	23.86%	0.664%
414	19.652	19.627	19.658	VV	132120	2322627	19.19%	0.534%
415	19.663	19.658	19.675	VV	127091	1253589	10.36%	0.288%
416	19.680	19.675	19.685	VV	129973	732768	6.05%	0.169%
417	19.689	19.685	19.710	VV	129413	1922622	15.89%	0.442%
418	19.751	19.710	19.778	VV	296937	7900179	65.28%	1.817%
419	19.794	19.778	19.812	VV	165536	3090483	25.54%	0.711%
420	19.836	19.812	19.856	VV	156949	3979012	32.88%	0.915%
421	19.890	19.856	19.913	VV	163821	5368770	44.36%	1.235%
422	19.935	19.913	19.946	VV	159248	3071116	25.38%	0.706%
423	19.966	19.946	19.998	VV	172344	5166622	42.69%	1.188%
424	20.001	19.998	20.006	VV	165509	734970	6.07%	0.169%
425	20.046	20.006	20.073	VV	183126	6979330	57.67%	1.605%
426	20.085	20.073	20.090	VV	166427	1687654	13.95%	0.388%
427	20.122	20.090	20.154	VV	215927	7305590	60.37%	1.680%
428	20.159	20.154	20.163	VV	183787	963845	7.96%	0.222%
429	20.182	20.163	20.225	VV	197301	6919316	57.17%	1.591%
430	20.234	20.225	20.245	VV	183548	2152371	17.79%	0.495%
431	20.257	20.245	20.270	VV	184387	2686724	22.20%	0.618%
432	20.286	20.270	20.292	VV	188008	2510861	20.75%	0.577%
433	20.308	20.292	20.327	VV	196122	3962869	32.75%	0.911%
434	20.358	20.327	20.371	VV	204028	5110980	42.23%	1.175%
435	20.376	20.371	20.390	VV	198784	2155649	17.81%	0.496%
436	20.422	20.390	20.447	VV	216583	7006956	57.90%	1.611%
437	20.451	20.447	20.456	VV	204225	1078723	8.91%	0.248%
438	20.493	20.456	20.527	VV	348707	10937387	90.38%	2.515%
439	20.532	20.527	20.547	VV	209328	2588190	21.39%	0.595%
440	20.551	20.547	20.555	VV	209935	936342	7.74%	0.215%
441	20.574	20.555	20.578	VV	225440	3005337	24.83%	0.691%
442	20.583	20.578	20.606	VV	224857	3674988	30.37%	0.845%
443	20.621	20.606	20.628	VV	219253	2739071	22.63%	0.630%
444	20.663	20.628	20.668	VV	235421	5500823	45.45%	1.265%
445	20.673	20.668	20.691	VV	233975	3211996	26.54%	0.739%
446	20.722	20.691	20.749	VV	247699	8230641	68.01%	1.893%
447	20.755	20.749	20.792	VV	235908	5769436	47.67%	1.327%
448	20.799	20.792	20.826	VV	217698	4332925	35.80%	0.996%
449	20.852	20.826	20.886	VV	230337	7696272	63.59%	1.770%
450	20.890	20.886	20.893	VV	198924	815828	6.74%	0.188%
451	20.924	20.893	20.933	VV	210505	4841532	40.01%	1.113%
452	20.937	20.933	20.945	VV	206095	1466426	12.12%	0.337%
453	20.968	20.945	20.972	VV	207846	3282751	27.13%	0.755%
454	20.978	20.972	20.982	VV	209135	1318193	10.89%	0.303%
455	20.987	20.982	20.992	VV	208912	1174400	9.70%	0.270%
456	21.003	20.992	21.018	VV	209257	3173986	26.23%	0.730%

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457	21.020	21.018	21.025	VV	201456	848662	7.01%	0.195%
458	21.029	21.025	21.067	VV	200471	4858475	40.15%	1.117%
459	21.073	21.067	21.084	VV	186927	1931407	15.96%	0.444%
460	21.088	21.084	21.109	VV	182535	2629930	21.73%	0.605%
461	21.119	21.109	21.124	VV	173827	1576230	13.02%	0.363%
462	21.129	21.124	21.141	VV	172838	1736776	14.35%	0.399%
463	21.144	21.141	21.149	VV	169355	840001	6.94%	0.193%
464	21.154	21.149	21.162	VV	167677	1237666	10.23%	0.285%
465	21.188	21.162	21.204	VV	167929	4181743	34.55%	0.962%
466	21.241	21.204	21.312	VV	270536	12102049	100.00%	2.783%
467	21.315	21.312	21.322	VV	146622	909572	7.52%	0.209%
468	21.327	21.322	21.351	VV	143698	2472130	20.43%	0.569%
469	21.359	21.351	21.381	VV	141947	2496793	20.63%	0.574%
470	21.384	21.381	21.396	VV	138130	1228231	10.15%	0.282%
471	21.410	21.396	21.418	VV	137320	1824886	15.08%	0.420%
472	21.431	21.418	21.473	VV	133642	4151461	34.30%	0.955%
473	21.475	21.473	21.483	VV	123936	728632	6.02%	0.168%
474	21.495	21.483	21.505	VV	121723	1584776	13.10%	0.364%
475	21.509	21.505	21.539	VV	119355	2414324	19.95%	0.555%
476	21.552	21.539	21.563	VV	114855	1591308	13.15%	0.366%
477	21.565	21.563	21.617	VV	113900	3461065	28.60%	0.796%
478	21.624	21.617	21.634	VV	97805	996967	8.24%	0.229%
479	21.642	21.634	21.647	VV	96916	739150	6.11%	0.170%
480	21.678	21.647	21.724	VV	111625	4580240	37.85%	1.053%
481	21.742	21.724	21.749	VV	86522	1268785	10.48%	0.292%
482	21.787	21.749	21.791	VV	87534	2124614	17.56%	0.489%
483	21.806	21.791	21.859	VV	90422	3316259	27.40%	0.763%
484	21.869	21.859	21.890	VV	72820	1316695	10.88%	0.303%
485	21.893	21.890	21.899	VV	67611	365683	3.02%	0.084%
486	21.911	21.899	21.917	VV	68010	706261	5.84%	0.162%
487	21.922	21.917	21.952	VV	67215	1278268	10.56%	0.294%
488	21.960	21.952	22.050	VV	57482	2668427	22.05%	0.614%
489	22.111	22.050	22.120	VV	39365	1500266	12.40%	0.345%
490	22.125	22.120	22.131	VV	39692	250104	2.07%	0.058%
491	22.176	22.131	22.249	VV	104476	3640453	30.08%	0.837%
492	22.258	22.249	22.264	VV	17454	133505	1.10%	0.031%
493	22.268	22.264	22.287	VV	15694	185178	1.53%	0.043%
494	22.298	22.287	22.303	VV	11149	94041	0.78%	0.022%
495	22.319	22.303	22.342	VV	10816	224479	1.85%	0.052%
496	22.345	22.342	22.354	VV	8999	59146	0.49%	0.014%
497	22.359	22.354	22.371	VV	7584	68198	0.56%	0.016%
498	22.383	22.371	22.400	VBA	9078	198368	1.64%	0.046%
Sum of corrected areas:						434819596		

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