

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090719\
 Data File : FF005468.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2019 17:31
 Sample : K4762-07MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF090319.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.268	2.242	2.328	BV	133160	283495	3.17%	0.110%
2	2.334	2.328	2.358	PV	132	1096	0.01%	0.000%
3	2.362	2.358	2.405	PV	111	477	0.01%	0.000%
4	2.442	2.405	2.480	PV	820	10317	0.12%	0.004%
5	2.496	2.480	2.521	VV	976	8639	0.10%	0.003%
6	2.537	2.521	2.554	PV	665	5488	0.06%	0.002%
7	2.561	2.554	2.571	VV	167	1109	0.01%	0.000%
8	2.592	2.571	2.610	VV	348	3805	0.04%	0.001%
9	2.625	2.610	2.669	VV	206	3202	0.04%	0.001%
10	2.677	2.669	2.702	VV	161	1625	0.02%	0.001%
11	2.724	2.702	2.779	PV	208	4649	0.05%	0.002%
12	2.813	2.779	2.819	PV	468	4080	0.05%	0.002%
13	2.824	2.819	2.854	VV	469	5647	0.06%	0.002%
14	2.862	2.854	2.867	VV	152	1041	0.01%	0.000%
15	2.883	2.867	2.895	VV	333	3642	0.04%	0.001%
16	2.909	2.895	2.957	VV	301	6237	0.07%	0.002%
17	2.962	2.957	2.976	VV	124	1075	0.01%	0.000%
18	2.982	2.976	3.007	VV	234	3246	0.04%	0.001%
19	3.014	3.007	3.021	VV	173	1099	0.01%	0.000%
20	3.037	3.021	3.067	VV	405	6209	0.07%	0.002%
21	3.072	3.067	3.089	VV	226	2429	0.03%	0.001%
22	3.108	3.089	3.121	VV	221	3001	0.03%	0.001%
23	3.130	3.121	3.141	VV	195	1350	0.02%	0.001%
24	3.179	3.141	3.205	VV	483	8173	0.09%	0.003%
25	3.211	3.205	3.217	VV	335	1981	0.02%	0.001%
26	3.231	3.217	3.271	VV	900	14063	0.16%	0.005%
27	3.286	3.271	3.347	VV	616	11555	0.13%	0.004%
28	3.350	3.347	3.357	VV	88	338	0.00%	0.000%
29	3.407	3.357	3.423	PV	263	3932	0.04%	0.002%
30	3.433	3.423	3.469	VV	207	4279	0.05%	0.002%
31	3.480	3.469	3.501	VV	281	3302	0.04%	0.001%
32	3.502	3.501	3.519	VV	153	737	0.01%	0.000%
33	3.525	3.519	3.530	VV	137	488	0.01%	0.000%
34	3.551	3.530	3.559	PV	431	4388	0.05%	0.002%
35	3.576	3.559	3.639	VV	1322	23991	0.27%	0.009%
36	3.661	3.639	3.710	VV	575	11832	0.13%	0.005%

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37	3.731	3.710	3.739	VV	307	4185	0.05%	0.002%
38	3.757	3.739	3.772	VV	311	5065	0.06%	0.002%
39	3.781	3.772	3.811	VV	365	5472	0.06%	0.002%
40	3.827	3.811	3.844	VV	359	4279	0.05%	0.002%
41	3.849	3.844	3.853	PV	157	483	0.01%	0.000%
42	3.875	3.853	3.927	VV	564	12646	0.14%	0.005%
43	3.961	3.927	4.108	VV	11669	292744	3.27%	0.113%
44	4.118	4.108	4.147	VV	1098	20730	0.23%	0.008%
45	4.158	4.147	4.187	VV	992	18905	0.21%	0.007%
46	4.200	4.187	4.229	VV	737	14629	0.16%	0.006%
47	4.233	4.229	4.248	VV	441	4612	0.05%	0.002%
48	4.268	4.248	4.281	VV	555	8722	0.10%	0.003%
49	4.286	4.281	4.290	VV	433	2108	0.02%	0.001%
50	4.296	4.290	4.299	VV	491	2392	0.03%	0.001%
51	4.303	4.299	4.306	VV	514	1911	0.02%	0.001%
52	4.309	4.306	4.325	VV	496	5123	0.06%	0.002%
53	4.356	4.325	4.454	VV	219668	2091438	23.36%	0.809%
54	4.458	4.454	4.484	VV	808	11801	0.13%	0.005%
55	4.505	4.484	4.543	VV	2769	41013	0.46%	0.016%
56	4.553	4.543	4.567	VV	647	8070	0.09%	0.003%
57	4.580	4.567	4.597	VV	639	9591	0.11%	0.004%
58	4.610	4.597	4.625	VV	843	10169	0.11%	0.004%
59	4.636	4.625	4.654	VV	642	8732	0.10%	0.003%
60	4.658	4.654	4.702	VV	477	10051	0.11%	0.004%
61	4.736	4.702	4.751	VV	448	9412	0.11%	0.004%
62	4.763	4.751	4.795	VV	514	9958	0.11%	0.004%
63	4.827	4.795	4.862	VV	685	12395	0.14%	0.005%
64	4.869	4.862	4.884	VV	227	2168	0.02%	0.001%
65	4.906	4.884	4.913	VV	192	2136	0.02%	0.001%
66	4.917	4.913	4.934	VV	158	1068	0.01%	0.000%
67	4.951	4.934	4.969	PV	470	6464	0.07%	0.002%
68	4.979	4.969	4.987	VV	254	2559	0.03%	0.001%
69	5.000	4.987	5.025	VV	285	3880	0.04%	0.002%
70	5.044	5.025	5.056	VV	326	4212	0.05%	0.002%
71	5.075	5.056	5.087	VV	630	7433	0.08%	0.003%
72	5.092	5.087	5.119	VV	479	6869	0.08%	0.003%
73	5.124	5.119	5.139	VV	269	1995	0.02%	0.001%
74	5.162	5.139	5.176	VV	190	2612	0.03%	0.001%
75	5.194	5.176	5.204	PV	253	2077	0.02%	0.001%
76	5.221	5.204	5.238	VV	632	8596	0.10%	0.003%
77	5.244	5.238	5.264	VV	381	4715	0.05%	0.002%
78	5.282	5.264	5.302	VV	1056	11123	0.12%	0.004%
79	5.308	5.302	5.311	VV	272	927	0.01%	0.000%
80	5.314	5.311	5.318	VV	294	1006	0.01%	0.000%
81	5.320	5.318	5.346	VV	242	2460	0.03%	0.001%
82	5.350	5.346	5.352	VV	118	472	0.01%	0.000%
83	5.355	5.352	5.365	VV	123	633	0.01%	0.000%
84	5.395	5.365	5.407	PV	1921	20124	0.22%	0.008%
85	5.416	5.407	5.435	VV	1218	12252	0.14%	0.005%
86	5.451	5.435	5.496	VV	1094	15454	0.17%	0.006%
87	5.516	5.496	5.533	VV	441	5962	0.07%	0.002%
88	5.538	5.533	5.551	VV	288	2387	0.03%	0.001%
89	5.576	5.551	5.612	VV	2275	30888	0.35%	0.012%

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90	5.631	5.612	5.664	VV	588	10341	0.12%	0.004%
91	5.692	5.664	5.722	VV	543	11608	0.13%	0.004%
92	5.740	5.722	5.750	VV	476	5241	0.06%	0.002%
93	5.763	5.750	5.773	VV	476	4697	0.05%	0.002%
94	5.804	5.773	5.831	VV	694	14386	0.16%	0.006%
95	5.849	5.831	5.868	PV	820	12193	0.14%	0.005%
96	5.906	5.868	5.927	VV	2258	41508	0.46%	0.016%
97	5.944	5.927	5.967	VV	1292	25320	0.28%	0.010%
98	5.989	5.967	6.006	VV	1873	31645	0.35%	0.012%
99	6.039	6.006	6.061	VV	2907	57392	0.64%	0.022%
100	6.091	6.061	6.107	VV	3208	57353	0.64%	0.022%
101	6.131	6.107	6.162	VV	2051	59511	0.66%	0.023%
102	6.181	6.162	6.198	VV	2389	37709	0.42%	0.015%
103	6.211	6.198	6.232	VV	1839	31486	0.35%	0.012%
104	6.268	6.232	6.287	VV	3375	85065	0.95%	0.033%
105	6.299	6.287	6.316	VV	3300	47466	0.53%	0.018%
106	6.330	6.316	6.347	VV	4033	59604	0.67%	0.023%
107	6.375	6.347	6.452	VV	214591	2279652	25.46%	0.882%
108	6.467	6.452	6.479	VV	4185	55709	0.62%	0.022%
109	6.484	6.479	6.494	VV	3309	27703	0.31%	0.011%
110	6.525	6.494	6.541	VV	6255	128605	1.44%	0.050%
111	6.564	6.541	6.585	VV	5027	105138	1.17%	0.041%
112	6.599	6.585	6.607	VV	3140	38082	0.43%	0.015%
113	6.639	6.607	6.666	VV	4734	124151	1.39%	0.048%
114	6.700	6.666	6.723	VV	5172	136630	1.53%	0.053%
115	6.735	6.723	6.746	VV	4119	52976	0.59%	0.020%
116	6.774	6.746	6.794	VV	5032	121904	1.36%	0.047%
117	6.803	6.794	6.811	VV	3645	34784	0.39%	0.013%
118	6.835	6.811	6.852	VV	6170	116918	1.31%	0.045%
119	6.870	6.852	6.884	VV	6235	100704	1.12%	0.039%
120	6.899	6.884	6.911	VV	6228	90215	1.01%	0.035%
121	6.933	6.911	6.956	VV	9065	172893	1.93%	0.067%
122	6.985	6.956	7.002	VV	6788	152594	1.70%	0.059%
123	7.027	7.002	7.052	VV	7143	173055	1.93%	0.067%
124	7.076	7.052	7.115	VV	11074	270558	3.02%	0.105%
125	7.130	7.115	7.146	VV	6959	105785	1.18%	0.041%
126	7.175	7.146	7.192	VV	8850	187410	2.09%	0.072%
127	7.204	7.192	7.236	VV	6501	156195	1.74%	0.060%
128	7.261	7.236	7.275	VV	7910	158859	1.77%	0.061%
129	7.300	7.275	7.327	VV	7752	217039	2.42%	0.084%
130	7.346	7.327	7.360	VV	6955	127536	1.42%	0.049%
131	7.366	7.360	7.376	VV	6458	60289	0.67%	0.023%
132	7.387	7.376	7.399	VV	7706	96756	1.08%	0.037%
133	7.429	7.399	7.440	VV	8314	191499	2.14%	0.074%
134	7.470	7.440	7.502	VV	10495	328872	3.67%	0.127%
135	7.514	7.502	7.536	VV	6918	129611	1.45%	0.050%
136	7.555	7.536	7.566	VV	8821	135483	1.51%	0.052%
137	7.587	7.566	7.613	VV	15896	305308	3.41%	0.118%
138	7.635	7.613	7.661	VV	8859	219301	2.45%	0.085%
139	7.677	7.661	7.699	VV	8895	173998	1.94%	0.067%
140	7.727	7.699	7.745	VV	13043	277289	3.10%	0.107%
141	7.774	7.745	7.790	VV	10550	258351	2.89%	0.100%

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142	7.810	7.790	7.819	VV	9852	164670	1.84%	0.064%
143	7.829	7.819	7.838	VV	9898	115385	1.29%	0.045%
144	7.867	7.838	7.884	VV	12162	292656	3.27%	0.113%
145	7.905	7.884	7.950	VV	18208	471591	5.27%	0.182%
146	7.988	7.950	8.024	VV	16556	518639	5.79%	0.201%
147	8.045	8.024	8.065	VV	12796	283988	3.17%	0.110%
148	8.090	8.065	8.100	VV	10662	217391	2.43%	0.084%
149	8.168	8.100	8.201	VV	202061	2717252	30.35%	1.051%
150	8.229	8.201	8.263	VV	59129	979787	10.94%	0.379%
151	8.277	8.263	8.298	VV	15111	295663	3.30%	0.114%
152	8.327	8.298	8.372	VV	29681	744213	8.31%	0.288%
153	8.383	8.372	8.398	VV	11418	165087	1.84%	0.064%
154	8.419	8.398	8.441	VV	13474	319237	3.57%	0.123%
155	8.451	8.441	8.484	VV	12020	275202	3.07%	0.106%
156	8.503	8.484	8.511	VV	11566	170437	1.90%	0.066%
157	8.524	8.511	8.536	VV	12972	181688	2.03%	0.070%
158	8.557	8.536	8.576	VV	16819	333183	3.72%	0.129%
159	8.589	8.576	8.603	VV	12170	188444	2.10%	0.073%
160	8.623	8.603	8.649	VV	25322	479962	5.36%	0.186%
161	8.661	8.649	8.672	VV	14687	197992	2.21%	0.077%
162	8.689	8.672	8.693	VV	20117	221535	2.47%	0.086%
163	8.704	8.693	8.730	VV	21673	360452	4.03%	0.139%
164	8.745	8.730	8.767	VV	11603	245265	2.74%	0.095%
165	8.783	8.767	8.807	VV	13026	269175	3.01%	0.104%
166	8.827	8.807	8.836	VV	11354	185150	2.07%	0.072%
167	8.851	8.836	8.874	VV	12338	252803	2.82%	0.098%
168	8.891	8.874	8.895	VV	11360	135789	1.52%	0.053%
169	8.909	8.895	8.962	VV	12688	439168	4.91%	0.170%
170	8.970	8.962	8.977	VV	10131	88059	0.98%	0.034%
171	8.993	8.977	9.010	VV	10469	197203	2.20%	0.076%
172	9.014	9.010	9.046	VV	9578	200371	2.24%	0.077%
173	9.074	9.046	9.104	VV	11676	327209	3.65%	0.127%
174	9.119	9.104	9.158	VV	8473	255663	2.86%	0.099%
175	9.197	9.158	9.212	VV	8959	252883	2.82%	0.098%
176	9.224	9.212	9.249	VV	8496	181450	2.03%	0.070%
177	9.254	9.249	9.258	VV	7747	40191	0.45%	0.016%
178	9.293	9.258	9.333	VV	10096	378540	4.23%	0.146%
179	9.377	9.333	9.409	VV	14244	468924	5.24%	0.181%
180	9.434	9.409	9.473	VV	11788	364601	4.07%	0.141%
181	9.491	9.473	9.507	VV	8488	164588	1.84%	0.064%
182	9.526	9.507	9.572	VV	9898	304417	3.40%	0.118%
183	9.604	9.572	9.626	VV	6755	206590	2.31%	0.080%
184	9.629	9.626	9.642	VV	6253	61925	0.69%	0.024%
185	9.649	9.642	9.658	VV	6300	56926	0.64%	0.022%
186	9.684	9.658	9.694	VV	6646	134711	1.50%	0.052%
187	9.726	9.694	9.742	VV	8043	210190	2.35%	0.081%
188	9.769	9.742	9.813	VV	195764	2365456	26.42%	0.915%
189	9.827	9.813	9.841	VV	7879	122257	1.37%	0.047%
190	9.854	9.841	9.861	VV	7408	85654	0.96%	0.033%
191	9.872	9.861	9.912	VV	7656	207643	2.32%	0.080%
192	9.939	9.912	9.957	VV	6692	169707	1.90%	0.066%
193	9.975	9.957	9.998	VV	6762	163202	1.82%	0.063%
194	10.006	9.998	10.021	VV	6624	86054	0.96%	0.033%

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195	10.038	10.021	10.074	VV	6911	203226	2.27%	0.079%
196	10.121	10.074	10.126	VV	6863	193196	2.16%	0.075%
197	10.157	10.126	10.180	VV	11161	272022	3.04%	0.105%
198	10.214	10.180	10.228	VV	8945	224436	2.51%	0.087%
199	10.233	10.228	10.272	VV	8210	193898	2.17%	0.075%
200	10.295	10.272	10.326	VV	9332	248208	2.77%	0.096%
201	10.355	10.326	10.384	VV	10153	262003	2.93%	0.101%
202	10.415	10.384	10.430	VV	12555	258502	2.89%	0.100%
203	10.441	10.430	10.456	VV	10171	146332	1.63%	0.057%
204	10.483	10.456	10.497	VV	9905	225212	2.52%	0.087%
205	10.507	10.497	10.523	VV	8817	127558	1.42%	0.049%
206	10.578	10.523	10.597	VV	14513	449771	5.02%	0.174%
207	10.610	10.597	10.624	VV	10400	156538	1.75%	0.061%
208	10.630	10.624	10.652	VV	9750	141421	1.58%	0.055%
209	10.675	10.652	10.694	VV	11019	219133	2.45%	0.085%
210	10.706	10.694	10.713	VV	8425	90747	1.01%	0.035%
211	10.731	10.713	10.751	VV	9479	197086	2.20%	0.076%
212	10.772	10.751	10.814	VV	10409	339609	3.79%	0.131%
213	10.833	10.814	10.841	VV	8534	130723	1.46%	0.051%
214	10.845	10.841	10.867	VV	8748	129895	1.45%	0.050%
215	10.906	10.867	10.975	VV	54051	1156144	12.91%	0.447%
216	10.987	10.975	11.006	VV	9240	166072	1.86%	0.064%
217	11.012	11.006	11.028	VV	8422	110475	1.23%	0.043%
218	11.039	11.028	11.047	VV	8627	93038	1.04%	0.036%
219	11.055	11.047	11.069	VV	8653	114133	1.27%	0.044%
220	11.077	11.069	11.083	VV	8409	66970	0.75%	0.026%
221	11.087	11.083	11.093	VV	8401	51570	0.58%	0.020%
222	11.104	11.093	11.122	VV	8663	146475	1.64%	0.057%
223	11.136	11.122	11.153	VV	8344	147970	1.65%	0.057%
224	11.163	11.153	11.169	VV	8366	79816	0.89%	0.031%
225	11.213	11.169	11.262	VV	185736	2488361	27.80%	0.962%
226	11.301	11.262	11.332	VV	11717	391017	4.37%	0.151%
227	11.350	11.332	11.355	VV	7600	102630	1.15%	0.040%
228	11.369	11.355	11.391	VV	7750	158951	1.78%	0.061%
229	11.410	11.391	11.428	VV	8054	169558	1.89%	0.066%
230	11.444	11.428	11.456	VV	7650	125283	1.40%	0.048%
231	11.478	11.456	11.484	VV	8321	129189	1.44%	0.050%
232	11.492	11.484	11.497	VV	8379	63891	0.71%	0.025%
233	11.503	11.497	11.525	VV	8537	132046	1.47%	0.051%
234	11.529	11.525	11.554	VV	7362	123683	1.38%	0.048%
235	11.595	11.554	11.662	VV	9401	517222	5.78%	0.200%
236	11.686	11.662	11.707	VV	8137	207661	2.32%	0.080%
237	11.718	11.707	11.736	VV	7815	132406	1.48%	0.051%
238	11.756	11.736	11.799	VV	7973	270970	3.03%	0.105%
239	11.826	11.799	11.846	VV	7292	190689	2.13%	0.074%
240	11.864	11.846	11.870	VV	8797	113692	1.27%	0.044%
241	11.872	11.870	11.927	VV	8426	245729	2.74%	0.095%
242	11.931	11.927	11.937	VV	6077	34171	0.38%	0.013%
243	11.961	11.937	11.965	VV	6445	104399	1.17%	0.040%
244	11.986	11.965	12.021	VV	7651	230886	2.58%	0.089%
245	12.027	12.021	12.034	VV	6412	49565	0.55%	0.019%
246	12.038	12.034	12.072	VV	6469	142893	1.60%	0.055%

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247	12.089	12.072	12.099	VV	6075	93816	1.05%	0.036%
248	12.104	12.099	12.111	VV	6025	43227	0.48%	0.017%
249	12.137	12.111	12.204	VV	47436	851518	9.51%	0.329%
250	12.210	12.204	12.223	VV	6389	71703	0.80%	0.028%
251	12.250	12.223	12.332	VV	27822	678339	7.58%	0.262%
252	12.363	12.332	12.372	VV	5763	132380	1.48%	0.051%
253	12.377	12.372	12.399	VV	5709	84522	0.94%	0.033%
254	12.405	12.399	12.419	VV	4849	57020	0.64%	0.022%
255	12.440	12.419	12.444	VV	5295	72500	0.81%	0.028%
256	12.448	12.444	12.453	VV	5166	27025	0.30%	0.010%
257	12.469	12.453	12.494	VV	5411	125607	1.40%	0.049%
258	12.526	12.494	12.567	VV	169761	2179115	24.34%	0.843%
259	12.589	12.567	12.661	VV	15739	392194	4.38%	0.152%
260	12.676	12.661	12.718	VV	3919	116527	1.30%	0.045%
261	12.736	12.718	12.766	VV	3195	88639	0.99%	0.034%
262	12.780	12.766	12.806	VV	3672	80323	0.90%	0.031%
263	12.810	12.806	12.825	VV	3103	32766	0.37%	0.013%
264	12.827	12.825	12.836	VV	2779	18038	0.20%	0.007%
265	12.887	12.836	12.966	VV	14553	404494	4.52%	0.156%
266	12.986	12.966	13.006	VV	3148	68274	0.76%	0.026%
267	13.023	13.006	13.055	VV	2904	72172	0.81%	0.028%
268	13.073	13.055	13.100	VV	2792	61136	0.68%	0.024%
269	13.107	13.100	13.122	VV	2036	24517	0.27%	0.009%
270	13.166	13.122	13.244	VV	5383	234888	2.62%	0.091%
271	13.252	13.244	13.266	VV	2065	24728	0.28%	0.010%
272	13.271	13.266	13.277	VV	1640	10137	0.11%	0.004%
273	13.301	13.277	13.324	VV	1981	45485	0.51%	0.018%
274	13.329	13.324	13.333	VV	1484	7510	0.08%	0.003%
275	13.371	13.333	13.439	VV	5055	142826	1.60%	0.055%
276	13.454	13.439	13.465	VV	1524	21683	0.24%	0.008%
277	13.484	13.465	13.516	VV	3480	64695	0.72%	0.025%
278	13.527	13.516	13.536	VV	1477	16213	0.18%	0.006%
279	13.541	13.536	13.559	VV	1354	17375	0.19%	0.007%
280	13.564	13.559	13.568	VV	989	5045	0.06%	0.002%
281	13.595	13.568	13.614	VV	1864	36575	0.41%	0.014%
282	13.633	13.614	13.662	VV	1909	40686	0.45%	0.016%
283	13.676	13.662	13.694	VV	1357	20885	0.23%	0.008%
284	13.728	13.694	13.792	VV	156081	2000667	22.35%	0.774%
285	13.799	13.792	13.804	VV	1223	8010	0.09%	0.003%
286	13.828	13.804	13.854	VV	2377	45967	0.51%	0.018%
287	13.871	13.854	13.902	VV	961	20496	0.23%	0.008%
288	13.908	13.902	13.919	VV	582	4450	0.05%	0.002%
289	13.948	13.919	13.989	VV	1216	30938	0.35%	0.012%
290	14.007	13.989	14.014	VV	454	5752	0.06%	0.002%
291	14.019	14.014	14.029	VV	517	3557	0.04%	0.001%
292	14.044	14.029	14.057	VV	488	5146	0.06%	0.002%
293	14.091	14.057	14.096	PV	730	11070	0.12%	0.004%
294	14.119	14.096	14.151	VV	3292	57257	0.64%	0.022%
295	14.163	14.151	14.167	VV	745	7103	0.08%	0.003%
296	14.200	14.167	14.217	VV	1397	29521	0.33%	0.011%
297	14.240	14.217	14.266	VV	1161	22489	0.25%	0.009%
298	14.291	14.266	14.321	PV	1783	32253	0.36%	0.012%
299	14.329	14.321	14.335	VV	945	6986	0.08%	0.003%

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300	14.357	14.335	14.381	VV	2157	36068	0.40%	0.014%
301	14.386	14.381	14.391	VV	917	4622	0.05%	0.002%
302	14.409	14.391	14.441	VV	1507	27670	0.31%	0.011%
303	14.463	14.441	14.493	VV	1544	28933	0.32%	0.011%
304	14.516	14.493	14.521	VV	1092	11625	0.13%	0.004%
305	14.524	14.521	14.528	VV	1043	3989	0.04%	0.002%
306	14.532	14.528	14.537	VV	882	4601	0.05%	0.002%
307	14.541	14.537	14.565	VV	872	9383	0.10%	0.004%
308	14.574	14.565	14.597	VV	465	6106	0.07%	0.002%
309	14.631	14.597	14.670	VV	154567	2139671	23.90%	0.828%
310	14.677	14.670	14.722	VV	1533	20153	0.23%	0.008%
311	14.781	14.722	14.799	PV	5316	79906	0.89%	0.031%
312	14.836	14.799	14.869	VV	153002	2066471	23.08%	0.799%
313	14.879	14.869	14.910	VV	2111	36053	0.40%	0.014%
314	14.937	14.910	14.999	VV	1811	52092	0.58%	0.020%
315	15.027	14.999	15.057	VV	783	17247	0.19%	0.007%
316	15.090	15.057	15.106	VV	1143	21166	0.24%	0.008%
317	15.122	15.106	15.125	VV	1054	11120	0.12%	0.004%
318	15.130	15.125	15.155	VV	1116	16479	0.18%	0.006%
319	15.173	15.155	15.187	VV	1275	18488	0.21%	0.007%
320	15.217	15.187	15.288	VV	33666	570170	6.37%	0.221%
321	15.297	15.288	15.311	VV	1593	18680	0.21%	0.007%
322	15.314	15.311	15.318	VV	1348	5418	0.06%	0.002%
323	15.357	15.318	15.396	VV	4831	121408	1.36%	0.047%
324	15.426	15.396	15.446	VV	8413	145695	1.63%	0.056%
325	15.458	15.446	15.477	VV	3469	55884	0.62%	0.022%
326	15.485	15.477	15.522	VV	2795	61564	0.69%	0.024%
327	15.540	15.522	15.555	VV	2356	40402	0.45%	0.016%
328	15.604	15.555	15.609	VV	3148	78028	0.87%	0.030%
329	15.615	15.609	15.646	VV	3243	64213	0.72%	0.025%
330	15.666	15.646	15.671	VV	2819	39145	0.44%	0.015%
331	15.681	15.671	15.709	VV	3167	62488	0.70%	0.024%
332	15.738	15.709	15.762	VV	4266	104005	1.16%	0.040%
333	15.770	15.762	15.779	VV	2806	27090	0.30%	0.010%
334	15.795	15.779	15.809	VV	3074	51839	0.58%	0.020%
335	15.822	15.809	15.828	VV	3078	33817	0.38%	0.013%
336	15.862	15.828	15.906	VV	152790	2150285	24.02%	0.832%
337	15.924	15.906	15.960	VV	4849	133816	1.49%	0.052%
338	15.965	15.960	15.978	VV	3915	41079	0.46%	0.016%
339	15.999	15.978	16.008	VV	4066	68037	0.76%	0.026%
340	16.067	16.008	16.086	VV	5660	226750	2.53%	0.088%
341	16.117	16.086	16.122	VV	5499	113381	1.27%	0.044%
342	16.157	16.122	16.196	VV	13934	397472	4.44%	0.154%
343	16.205	16.196	16.209	VV	7530	57188	0.64%	0.022%
344	16.235	16.209	16.286	VV	15365	458947	5.13%	0.177%
345	16.312	16.286	16.317	VV	7970	146130	1.63%	0.057%
346	16.348	16.317	16.401	VV	22381	658312	7.35%	0.255%
347	16.425	16.401	16.451	VV	11362	299352	3.34%	0.116%
348	16.479	16.451	16.527	VV	20222	607765	6.79%	0.235%
349	16.541	16.527	16.565	VV	10908	241563	2.70%	0.093%
350	16.610	16.565	16.614	VV	12104	321686	3.59%	0.124%
351	16.618	16.614	16.622	VV	12056	57208	0.64%	0.022%

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352	16.671	16.622	16.704	VV	17696	698855	7.81%	0.270%
353	16.733	16.704	16.756	VV	18180	482357	5.39%	0.187%
354	16.760	16.756	16.771	VV	14172	120270	1.34%	0.047%
355	16.816	16.771	16.846	VV	171503	2806341	31.35%	1.085%
356	16.864	16.846	16.897	VV	29598	653729	7.30%	0.253%
357	16.900	16.897	16.921	VV	15856	225137	2.51%	0.087%
358	16.948	16.921	16.953	VV	15159	280685	3.14%	0.109%
359	16.958	16.953	16.963	VV	15288	96244	1.08%	0.037%
360	17.001	16.963	17.026	VV	16483	594716	6.64%	0.230%
361	17.047	17.026	17.054	VV	17855	284765	3.18%	0.110%
362	17.060	17.054	17.081	VV	18052	286076	3.20%	0.111%
363	17.107	17.081	17.117	VV	17976	387083	4.32%	0.150%
364	17.133	17.117	17.142	VV	19077	271437	3.03%	0.105%
365	17.149	17.142	17.163	VV	19335	239632	2.68%	0.093%
366	17.184	17.163	17.215	VV	23195	654850	7.31%	0.253%
367	17.267	17.215	17.297	VV	33944	1195572	13.35%	0.462%
368	17.310	17.297	17.323	VV	21447	319968	3.57%	0.124%
369	17.339	17.323	17.344	VV	21820	272212	3.04%	0.105%
370	17.392	17.344	17.419	VV	24115	1031364	11.52%	0.399%
371	17.444	17.419	17.451	VV	24443	444827	4.97%	0.172%
372	17.452	17.451	17.476	VV	24126	354147	3.96%	0.137%
373	17.493	17.476	17.497	VV	23368	291835	3.26%	0.113%
374	17.520	17.497	17.529	VV	24324	450119	5.03%	0.174%
375	17.546	17.529	17.567	VV	25629	568020	6.34%	0.220%
376	17.617	17.567	17.637	VV	27743	1107501	12.37%	0.428%
377	17.646	17.637	17.651	VV	27188	225263	2.52%	0.087%
378	17.708	17.651	17.761	VV	193951	4103156	45.83%	1.587%
379	17.765	17.761	17.771	VV	28289	164596	1.84%	0.064%
380	17.801	17.771	17.814	VV	30426	772752	8.63%	0.299%
381	17.822	17.814	17.827	VV	29938	222821	2.49%	0.086%
382	17.859	17.827	17.869	VV	31822	789579	8.82%	0.305%
383	17.899	17.869	17.909	VV	33164	762714	8.52%	0.295%
384	17.913	17.909	17.919	VV	33000	201749	2.25%	0.078%
385	17.980	17.919	17.999	VV	34589	1600028	17.87%	0.619%
386	18.029	17.999	18.037	VV	37064	795287	8.88%	0.308%
387	18.067	18.037	18.100	VV	54884	1683636	18.81%	0.651%
388	18.132	18.100	18.158	VV	53468	1536959	17.17%	0.594%
389	18.164	18.158	18.180	VV	38349	479253	5.35%	0.185%
390	18.188	18.180	18.199	VV	37363	418101	4.67%	0.162%
391	18.219	18.199	18.239	VV	39736	942597	10.53%	0.365%
392	18.247	18.239	18.262	VV	39280	533646	5.96%	0.206%
393	18.275	18.262	18.281	VV	39429	424558	4.74%	0.164%
394	18.286	18.281	18.294	VV	39534	324382	3.62%	0.125%
395	18.305	18.294	18.320	VV	39461	605120	6.76%	0.234%
396	18.335	18.320	18.342	VV	40645	526067	5.88%	0.203%
397	18.372	18.342	18.399	VV	44858	1443679	16.13%	0.558%
398	18.416	18.399	18.432	VV	43217	821510	9.18%	0.318%
399	18.442	18.432	18.464	VV	42860	807098	9.02%	0.312%
400	18.548	18.464	18.584	VV	200205	5541136	61.90%	2.143%
401	18.590	18.584	18.592	VV	47459	230063	2.57%	0.089%
402	18.604	18.592	18.609	VV	49782	494114	5.52%	0.191%
403	18.613	18.609	18.619	VV	49758	299678	3.35%	0.116%
404	18.650	18.619	18.655	VV	52057	1067124	11.92%	0.413%

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405	18.657	18.655	18.674	VV	51464	588747	6.58%	0.228%
406	18.701	18.674	18.732	VV	51834	1762826	19.69%	0.682%
407	18.738	18.732	18.752	VV	49555	590766	6.60%	0.228%
408	18.761	18.752	18.767	VV	50052	446225	4.98%	0.173%
409	18.831	18.767	18.845	VV	53272	2378326	26.57%	0.920%
410	18.903	18.845	18.926	VV	69064	2816980	31.47%	1.089%
411	18.949	18.926	19.001	VV	63084	2638725	29.47%	1.021%
412	19.046	19.001	19.054	VV	59730	1858047	20.75%	0.719%
413	19.074	19.054	19.086	VV	62794	1173559	13.11%	0.454%
414	19.105	19.086	19.135	VV	64813	1854383	20.71%	0.717%
415	19.149	19.135	19.160	VV	62172	898953	10.04%	0.348%
416	19.185	19.160	19.189	VV	62555	1071228	11.97%	0.414%
417	19.197	19.189	19.217	VV	62702	1033411	11.54%	0.400%
418	19.233	19.217	19.272	VV	63478	2032744	22.71%	0.786%
419	19.339	19.272	19.385	VV	200908	6364904	71.10%	2.462%
420	19.402	19.385	19.413	VV	68691	1123412	12.55%	0.434%
421	19.450	19.413	19.473	VV	68521	2411247	26.93%	0.933%
422	19.480	19.473	19.489	VV	66571	634839	7.09%	0.246%
423	19.516	19.489	19.522	VV	68178	1346218	15.04%	0.521%
424	19.551	19.522	19.566	VV	71057	1804449	20.16%	0.698%
425	19.571	19.566	19.575	VV	68981	390935	4.37%	0.151%
426	19.630	19.575	19.661	VV	83293	3856777	43.08%	1.492%
427	19.686	19.661	19.708	VV	84454	2238413	25.00%	0.866%
428	19.721	19.708	19.728	VV	77917	921087	10.29%	0.356%
429	19.732	19.728	19.753	VV	76558	1133771	12.66%	0.438%
430	19.764	19.753	19.773	VV	75954	880139	9.83%	0.340%
431	19.793	19.773	19.802	VV	76577	1345270	15.03%	0.520%
432	19.813	19.802	19.819	VV	77782	772307	8.63%	0.299%
433	19.821	19.819	19.837	VV	77546	824828	9.21%	0.319%
434	19.853	19.837	19.864	VV	79833	1269525	14.18%	0.491%
435	19.875	19.864	19.891	VV	78303	1245962	13.92%	0.482%
436	19.944	19.891	19.963	VV	81621	3460659	38.66%	1.338%
437	19.968	19.963	19.977	VV	81658	674010	7.53%	0.261%
438	19.995	19.977	20.007	VV	82761	1494339	16.69%	0.578%
439	20.025	20.007	20.031	VV	84598	1156773	12.92%	0.447%
440	20.087	20.031	20.112	VV	210716	6119797	68.36%	2.367%
441	20.124	20.112	20.176	VV	103039	3585371	40.05%	1.387%
442	20.183	20.176	20.190	VV	87072	712880	7.96%	0.276%
443	20.251	20.190	20.261	VV	91661	3794986	42.39%	1.468%
444	20.270	20.261	20.275	VV	90531	720433	8.05%	0.279%
445	20.306	20.275	20.312	VV	94119	2073401	23.16%	0.802%
446	20.319	20.312	20.326	VV	94780	751482	8.39%	0.291%
447	20.335	20.326	20.349	VV	94456	1330299	14.86%	0.514%
448	20.359	20.349	20.372	VV	96535	1310824	14.64%	0.507%
449	20.401	20.372	20.416	VV	96243	2490976	27.82%	0.963%
450	20.421	20.416	20.424	VV	94850	479486	5.36%	0.185%
451	20.431	20.424	20.437	VV	95952	685797	7.66%	0.265%
452	20.448	20.437	20.477	VV	94710	2238277	25.00%	0.866%
453	20.487	20.477	20.496	VV	91436	1029178	11.50%	0.398%
454	20.502	20.496	20.507	VV	90163	629853	7.04%	0.244%
455	20.512	20.507	20.517	VV	89698	531936	5.94%	0.206%
456	20.523	20.517	20.529	VV	90017	629940	7.04%	0.244%

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457	20.544	20.529	20.551	VV	90946	1179212	13.17%	0.456%
458	20.557	20.551	20.567	VV	90914	891103	9.95%	0.345%
459	20.607	20.567	20.656	VV	110666	5214901	58.25%	2.017%
460	20.674	20.656	20.697	VV	91137	2230240	24.91%	0.863%
461	20.703	20.697	20.723	VV	89029	1330495	14.86%	0.515%
462	20.735	20.723	20.744	VV	88240	1121224	12.52%	0.434%
463	20.765	20.744	20.779	VV	88404	1839907	20.55%	0.712%
464	20.831	20.779	20.879	VV	190899	7057381	78.83%	2.729%
465	20.885	20.879	20.909	VV	89914	1598908	17.86%	0.618%
466	20.926	20.909	20.948	VV	88327	2035618	22.74%	0.787%
467	20.955	20.948	20.962	VV	85801	688213	7.69%	0.266%
468	20.965	20.962	20.979	VV	85242	875211	9.78%	0.338%
469	20.990	20.979	21.016	VV	84472	1840787	20.56%	0.712%
470	21.021	21.016	21.032	VV	81826	815204	9.11%	0.315%
471	21.038	21.032	21.051	VV	82278	908286	10.15%	0.351%
472	21.057	21.051	21.066	VV	81866	724036	8.09%	0.280%
473	21.071	21.066	21.076	VV	81116	516961	5.77%	0.200%
474	21.143	21.076	21.186	VV	98033	5752891	64.26%	2.225%
475	21.191	21.186	21.196	VV	82505	463934	5.18%	0.179%
476	21.201	21.196	21.207	VV	82542	582946	6.51%	0.225%
477	21.212	21.207	21.219	VV	82585	565984	6.32%	0.219%
478	21.241	21.219	21.249	VV	83233	1461866	16.33%	0.565%
479	21.256	21.249	21.274	VV	83419	1259908	14.07%	0.487%
480	21.282	21.274	21.286	VV	82722	585809	6.54%	0.227%
481	21.300	21.286	21.332	VV	83494	2304351	25.74%	0.891%
482	21.339	21.332	21.347	VV	82702	747598	8.35%	0.289%
483	21.352	21.347	21.402	VV	82052	2592084	28.95%	1.002%
484	21.417	21.402	21.421	VV	76839	833493	9.31%	0.322%
485	21.429	21.421	21.436	VV	77681	715282	7.99%	0.277%
486	21.466	21.436	21.517	VV	78838	3764277	42.05%	1.456%
487	21.522	21.517	21.534	VV	75018	743677	8.31%	0.288%
488	21.548	21.534	21.559	VV	75445	1117754	12.49%	0.432%
489	21.569	21.559	21.574	VV	75103	646660	7.22%	0.250%
490	21.586	21.574	21.593	VV	76098	873468	9.76%	0.338%
491	21.598	21.593	21.617	VV	75412	1061899	11.86%	0.411%
492	21.620	21.617	21.638	VV	73654	951795	10.63%	0.368%
493	21.645	21.638	21.656	VV	73325	764942	8.54%	0.296%
494	21.663	21.656	21.671	VV	73458	658368	7.35%	0.255%
495	21.737	21.671	21.821	VBA	154369	8952465	100.00%	3.462%

Sum of corrected areas: 258566946

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