

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110321\
 Data File : FF009274.D
 Signal(s) : FID2B.ch
 Acq On : 03 Nov 2021 11:54
 Sample : M4438-03 200X
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF100721.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.362	2.340	2.413	BV	150	3591	0.20%	0.004%
2	2.438	2.413	2.460	PV	435	5188	0.29%	0.006%
3	2.464	2.460	2.482	VV	167	1524	0.09%	0.002%
4	2.492	2.482	2.511	VV	201	1779	0.10%	0.002%
5	2.515	2.511	2.529	VV	132	995	0.06%	0.001%
6	2.545	2.529	2.556	VV	105	1238	0.07%	0.001%
7	2.563	2.556	2.568	VV	150	949	0.05%	0.001%
8	2.572	2.568	2.620	VV	200	4251	0.24%	0.005%
9	2.632	2.620	2.653	VV	620	6454	0.36%	0.007%
10	2.658	2.653	2.668	VV	194	1328	0.07%	0.001%
11	2.677	2.668	2.693	VV	153	1905	0.11%	0.002%
12	2.698	2.693	2.704	VV	226	902	0.05%	0.001%
13	2.708	2.704	2.712	VV	236	719	0.04%	0.001%
14	2.729	2.712	2.752	VV	441	6229	0.35%	0.007%
15	2.755	2.752	2.772	VV	259	2418	0.14%	0.003%
16	2.773	2.772	2.793	VV	217	2346	0.13%	0.003%
17	2.806	2.793	2.828	VV	254	3892	0.22%	0.004%
18	2.846	2.828	2.861	VV	296	3709	0.21%	0.004%
19	2.865	2.861	2.876	VV	206	1408	0.08%	0.002%
20	2.888	2.876	2.894	VV	298	2152	0.12%	0.002%
21	2.896	2.894	2.921	VV	279	3311	0.19%	0.004%
22	2.933	2.921	2.953	VV	350	4812	0.27%	0.005%
23	2.956	2.953	2.965	VV	274	1802	0.10%	0.002%
24	2.970	2.965	2.982	VV	267	2217	0.12%	0.002%
25	2.991	2.982	3.014	VV	280	4481	0.25%	0.005%
26	3.017	3.014	3.029	VV	253	2011	0.11%	0.002%
27	3.034	3.029	3.058	VV	246	3105	0.17%	0.003%
28	3.065	3.058	3.069	VV	230	978	0.05%	0.001%
29	3.078	3.069	3.083	VV	178	1149	0.06%	0.001%
30	3.089	3.083	3.098	VV	224	1410	0.08%	0.002%
31	3.101	3.098	3.115	VV	178	1397	0.08%	0.002%
32	3.134	3.115	3.153	VV	211	3140	0.18%	0.003%
33	3.157	3.153	3.167	VV	162	888	0.05%	0.001%
34	3.184	3.167	3.193	VV	214	2287	0.13%	0.002%
35	3.195	3.193	3.205	VV	247	951	0.05%	0.001%
36	3.223	3.205	3.236	VV	182	2195	0.12%	0.002%

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37	3.245	3.236	3.265	VV	164	2063	0.12%	0.002%
38	3.273	3.265	3.286	VV	308	2584	0.14%	0.003%
39	3.307	3.286	3.317	VV	217	2417	0.14%	0.003%
40	3.322	3.317	3.336	VV	182	1306	0.07%	0.001%
41	3.339	3.336	3.348	VV	154	884	0.05%	0.001%
42	3.358	3.348	3.363	VV	183	1212	0.07%	0.001%
43	3.387	3.363	3.404	VV	303	4166	0.23%	0.005%
44	3.407	3.404	3.415	VV	151	728	0.04%	0.001%
45	3.423	3.415	3.430	VV	171	925	0.05%	0.001%
46	3.435	3.430	3.443	VV	139	762	0.04%	0.001%
47	3.446	3.443	3.466	VV	243	1573	0.09%	0.002%
48	3.471	3.466	3.482	VV	164	997	0.06%	0.001%
49	3.492	3.482	3.502	PV	166	1423	0.08%	0.002%
50	3.504	3.502	3.513	VV	130	700	0.04%	0.001%
51	3.524	3.513	3.532	VV	192	1450	0.08%	0.002%
52	3.539	3.532	3.544	VV	185	947	0.05%	0.001%
53	3.559	3.544	3.566	VV	208	1860	0.10%	0.002%
54	3.570	3.566	3.577	VV	173	1093	0.06%	0.001%
55	3.581	3.577	3.599	VV	228	2050	0.11%	0.002%
56	3.602	3.599	3.614	VV	168	1235	0.07%	0.001%
57	3.616	3.614	3.644	VV	151	2376	0.13%	0.003%
58	3.660	3.644	3.665	VV	200	1649	0.09%	0.002%
59	3.668	3.665	3.717	VV	212	3516	0.20%	0.004%
60	3.722	3.717	3.731	VV	167	1020	0.06%	0.001%
61	3.750	3.731	3.760	VV	266	2568	0.14%	0.003%
62	3.765	3.760	3.783	VV	261	2249	0.13%	0.002%
63	3.786	3.783	3.799	VV	204	1176	0.07%	0.001%
64	3.807	3.799	3.815	VV	176	1161	0.06%	0.001%
65	3.818	3.815	3.835	VV	177	1584	0.09%	0.002%
66	3.845	3.835	3.870	VV	277	3870	0.22%	0.004%
67	3.873	3.870	3.883	VV	177	945	0.05%	0.001%
68	3.896	3.883	3.914	VV	227	2610	0.15%	0.003%
69	3.917	3.914	3.923	VV	163	644	0.04%	0.001%
70	3.924	3.923	3.935	VV	217	904	0.05%	0.001%
71	3.953	3.935	3.968	PV	232	2564	0.14%	0.003%
72	3.973	3.968	3.978	VV	172	894	0.05%	0.001%
73	3.983	3.978	4.013	VV	190	2460	0.14%	0.003%
74	4.029	4.013	4.041	PV	177	1816	0.10%	0.002%
75	4.051	4.041	4.065	VV	179	1785	0.10%	0.002%
76	4.081	4.065	4.096	VV	259	2992	0.17%	0.003%
77	4.115	4.096	4.125	VV	299	3201	0.18%	0.003%
78	4.129	4.125	4.154	VV	212	2081	0.12%	0.002%
79	4.166	4.154	4.186	VV	187	2782	0.16%	0.003%
80	4.196	4.186	4.202	VV	218	1664	0.09%	0.002%
81	4.223	4.202	4.253	VV	2298	25363	1.42%	0.028%
82	4.256	4.253	4.268	VV	275	2194	0.12%	0.002%
83	4.272	4.268	4.287	VV	290	2715	0.15%	0.003%
84	4.297	4.287	4.306	VV	304	2773	0.16%	0.003%
85	4.310	4.306	4.314	VV	210	1020	0.06%	0.001%
86	4.323	4.314	4.335	VV	329	3106	0.17%	0.003%
87	4.341	4.335	4.350	VV	232	1772	0.10%	0.002%
88	4.374	4.350	4.379	VV	389	4574	0.26%	0.005%
89	4.388	4.379	4.408	VV	398	5170	0.29%	0.006%

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90	4.437	4.408	4.450	VV	573	9167	0.51%	0.010%
91	4.455	4.450	4.473	VV	393	4114	0.23%	0.004%
92	4.488	4.473	4.498	VV	411	4617	0.26%	0.005%
93	4.529	4.498	4.553	VV	573	15530	0.87%	0.017%
94	4.555	4.553	4.563	VV	535	3136	0.18%	0.003%
95	4.583	4.563	4.593	VV	564	9275	0.52%	0.010%
96	4.616	4.593	4.638	VV	730	15594	0.87%	0.017%
97	4.651	4.638	4.663	VV	671	8367	0.47%	0.009%
98	4.666	4.663	4.672	VV	536	2789	0.16%	0.003%
99	4.679	4.672	4.697	VV	580	6972	0.39%	0.008%
100	4.719	4.697	4.732	VV	483	8461	0.47%	0.009%
101	4.744	4.732	4.782	VV	503	9213	0.52%	0.010%
102	4.801	4.782	4.818	VV	382	6663	0.37%	0.007%
103	4.822	4.818	4.839	VV	324	2903	0.16%	0.003%
104	4.849	4.839	4.870	VV	280	3808	0.21%	0.004%
105	4.898	4.870	4.920	VV	429	7542	0.42%	0.008%
106	4.934	4.920	4.951	VV	854	8887	0.50%	0.010%
107	4.964	4.951	4.977	VV	211	2533	0.14%	0.003%
108	5.006	4.977	5.033	VV	814	12380	0.69%	0.013%
109	5.046	5.033	5.059	PV	383	4340	0.24%	0.005%
110	5.077	5.059	5.082	VV	354	3846	0.22%	0.004%
111	5.088	5.082	5.107	VV	392	3888	0.22%	0.004%
112	5.110	5.107	5.138	VV	239	2784	0.16%	0.003%
113	5.154	5.138	5.170	VV	479	5916	0.33%	0.006%
114	5.186	5.170	5.233	VV	427	11534	0.64%	0.013%
115	5.270	5.233	5.319	VV	4010	56389	3.15%	0.061%
116	5.340	5.319	5.351	VV	751	10012	0.56%	0.011%
117	5.367	5.351	5.388	VV	2686	31190	1.74%	0.034%
118	5.419	5.388	5.436	VV	1620	26297	1.47%	0.029%
119	5.445	5.436	5.482	VV	770	12947	0.72%	0.014%
120	5.497	5.482	5.511	VV	726	8238	0.46%	0.009%
121	5.519	5.511	5.527	VV	410	2639	0.15%	0.003%
122	5.541	5.527	5.557	VV	700	7794	0.44%	0.008%
123	5.571	5.557	5.585	VV	1355	14145	0.79%	0.015%
124	5.596	5.585	5.607	VV	700	7147	0.40%	0.008%
125	5.622	5.607	5.627	VV	634	5998	0.34%	0.007%
126	5.642	5.627	5.653	VV	710	10105	0.56%	0.011%
127	5.655	5.653	5.673	VV	669	5802	0.32%	0.006%
128	5.682	5.673	5.699	VV	553	5648	0.32%	0.006%
129	5.708	5.699	5.726	VV	538	5249	0.29%	0.006%
130	5.739	5.726	5.760	VV	725	8287	0.46%	0.009%
131	5.784	5.760	5.821	VV	1226	23664	1.32%	0.026%
132	5.837	5.821	5.868	VV	385	5452	0.30%	0.006%
133	5.880	5.868	5.889	VV	410	3890	0.22%	0.004%
134	5.904	5.889	5.917	VV	543	5736	0.32%	0.006%
135	5.929	5.917	5.949	VV	513	4915	0.27%	0.005%
136	5.960	5.949	5.969	PV	77	514	0.03%	0.001%
137	5.976	5.969	5.993	VV	162	1300	0.07%	0.001%
138	6.021	5.993	6.031	VV	1076	14270	0.80%	0.016%
139	6.040	6.031	6.075	VV	1120	15459	0.86%	0.017%
140	6.092	6.075	6.113	VV	2448	25287	1.41%	0.027%
141	6.117	6.113	6.130	VV	321	2200	0.12%	0.002%

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142	6.148	6.130	6.170	VV	1462	16772	0.94%	0.018%
143	6.206	6.170	6.232	VV	1277	27453	1.53%	0.030%
144	6.245	6.232	6.268	VV	878	11723	0.66%	0.013%
145	6.272	6.268	6.283	VV	198	885	0.05%	0.001%
146	6.319	6.283	6.341	PV	656	10467	0.59%	0.011%
147	6.358	6.341	6.425	VV	921	27039	1.51%	0.029%
148	6.444	6.425	6.459	VV	382	4809	0.27%	0.005%
149	6.473	6.459	6.486	VV	394	3434	0.19%	0.004%
150	6.514	6.486	6.523	PV	507	6306	0.35%	0.007%
151	6.534	6.523	6.571	VV	637	7607	0.43%	0.008%
152	6.598	6.571	6.616	VV	1720	22991	1.29%	0.025%
153	6.629	6.616	6.648	VV	736	7955	0.44%	0.009%
154	6.669	6.648	6.683	PV	1047	12343	0.69%	0.013%
155	6.707	6.683	6.728	VV	1214	21686	1.21%	0.024%
156	6.749	6.728	6.763	VV	1014	14292	0.80%	0.016%
157	6.775	6.763	6.792	VV	959	10458	0.58%	0.011%
158	6.800	6.792	6.807	VV	364	2710	0.15%	0.003%
159	6.817	6.807	6.833	VV	564	5895	0.33%	0.006%
160	6.857	6.833	6.862	VV	639	7484	0.42%	0.008%
161	6.871	6.862	6.877	VV	672	5373	0.30%	0.006%
162	6.890	6.877	6.903	VV	896	11107	0.62%	0.012%
163	6.920	6.903	6.942	VV	962	13375	0.75%	0.015%
164	6.980	6.942	7.026	PV	2158	46787	2.62%	0.051%
165	7.044	7.026	7.050	VV	616	6886	0.38%	0.007%
166	7.081	7.050	7.099	VV	2171	38201	2.14%	0.042%
167	7.109	7.099	7.124	VV	1311	15186	0.85%	0.017%
168	7.139	7.124	7.155	VV	1236	17659	0.99%	0.019%
169	7.168	7.155	7.187	VV	943	12724	0.71%	0.014%
170	7.213	7.187	7.246	VV	2490	54536	3.05%	0.059%
171	7.266	7.246	7.270	VV	1532	16761	0.94%	0.018%
172	7.304	7.270	7.328	VV	9934	155913	8.72%	0.170%
173	7.341	7.328	7.352	VV	3246	39898	2.23%	0.043%
174	7.364	7.352	7.380	VV	3572	48034	2.69%	0.052%
175	7.408	7.380	7.424	VV	6330	115996	6.49%	0.126%
176	7.429	7.424	7.449	VV	4735	58144	3.25%	0.063%
177	7.472	7.449	7.498	VV	6209	124117	6.94%	0.135%
178	7.532	7.498	7.563	VV	5887	165317	9.24%	0.180%
179	7.576	7.563	7.581	VV	4665	44754	2.50%	0.049%
180	7.588	7.581	7.606	VV	4528	62807	3.51%	0.068%
181	7.628	7.606	7.667	VV	7736	179076	10.01%	0.195%
182	7.723	7.667	7.739	VV	6871	228898	12.80%	0.249%
183	7.761	7.739	7.795	VV	8183	217125	12.14%	0.236%
184	7.816	7.795	7.832	VV	6833	128944	7.21%	0.140%
185	7.844	7.832	7.865	VV	5685	105830	5.92%	0.115%
186	7.880	7.865	7.892	VV	7873	106127	5.93%	0.115%
187	7.918	7.892	7.934	VV	9957	200812	11.23%	0.218%
188	7.947	7.934	7.953	VV	7703	84486	4.72%	0.092%
189	7.970	7.953	7.993	VV	12006	211624	11.83%	0.230%
190	8.022	7.993	8.030	VV	9923	195685	10.94%	0.213%
191	8.051	8.030	8.073	VV	12037	266543	14.90%	0.290%
192	8.092	8.073	8.130	VV	10738	306214	17.12%	0.333%
193	8.164	8.130	8.178	VV	11809	270116	15.10%	0.294%
194	8.207	8.178	8.236	VV	10486	336600	18.82%	0.366%

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195	8.248	8.236	8.263	VV	10955	164854	9.22%	0.179%
196	8.279	8.263	8.298	VV	10961	213157	11.92%	0.232%
197	8.320	8.298	8.333	VV	12276	229592	12.84%	0.250%
198	8.356	8.333	8.372	VV	18034	334129	18.68%	0.363%
199	8.401	8.372	8.422	VV	16411	373622	20.89%	0.406%
200	8.440	8.422	8.447	VV	10553	151349	8.46%	0.165%
201	8.461	8.447	8.484	VV	12924	245323	13.72%	0.267%
202	8.493	8.484	8.507	VV	10402	125344	7.01%	0.136%
203	8.522	8.507	8.542	VV	9894	188363	10.53%	0.205%
204	8.555	8.542	8.572	VV	9527	154354	8.63%	0.168%
205	8.590	8.572	8.605	VV	10589	174912	9.78%	0.190%
206	8.623	8.605	8.646	VV	9708	211584	11.83%	0.230%
207	8.651	8.646	8.662	VV	7941	70519	3.94%	0.077%
208	8.688	8.662	8.707	VV	10510	223134	12.48%	0.243%
209	8.726	8.707	8.740	VV	7637	129228	7.22%	0.140%
210	8.748	8.740	8.766	VV	6713	98885	5.53%	0.108%
211	8.785	8.766	8.804	VV	6527	137861	7.71%	0.150%
212	8.819	8.804	8.870	VV	8255	252222	14.10%	0.274%
213	8.887	8.870	8.895	VV	6228	84513	4.72%	0.092%
214	8.928	8.895	8.944	VV	7642	200544	11.21%	0.218%
215	8.956	8.944	8.971	VV	7233	104751	5.86%	0.114%
216	8.986	8.971	9.005	VV	7449	131201	7.34%	0.143%
217	9.021	9.005	9.039	VV	5978	113736	6.36%	0.124%
218	9.061	9.039	9.085	VV	11038	207222	11.59%	0.225%
219	9.122	9.085	9.152	VV	8278	264910	14.81%	0.288%
220	9.162	9.152	9.174	VV	5702	69757	3.90%	0.076%
221	9.196	9.174	9.218	VV	10028	189200	10.58%	0.206%
222	9.239	9.218	9.257	VV	7230	143055	8.00%	0.156%
223	9.275	9.257	9.292	VV	9783	158819	8.88%	0.173%
224	9.305	9.292	9.319	VV	7102	102305	5.72%	0.111%
225	9.339	9.319	9.358	VV	8775	162740	9.10%	0.177%
226	9.400	9.358	9.415	VV	9133	242304	13.55%	0.263%
227	9.432	9.415	9.452	VV	9069	172120	9.62%	0.187%
228	9.461	9.452	9.476	VV	6813	91045	5.09%	0.099%
229	9.486	9.476	9.511	VV	6569	129469	7.24%	0.141%
230	9.517	9.511	9.534	VV	5841	80646	4.51%	0.088%
231	9.551	9.534	9.576	VV	10430	193410	10.81%	0.210%
232	9.580	9.576	9.599	VV	6298	76206	4.26%	0.083%
233	9.619	9.599	9.628	VV	6750	102921	5.75%	0.112%
234	9.646	9.628	9.661	VV	11916	182580	10.21%	0.199%
235	9.682	9.661	9.687	VV	11267	156335	8.74%	0.170%
236	9.694	9.687	9.728	VV	11543	251524	14.06%	0.273%
237	9.737	9.728	9.756	VV	9586	146509	8.19%	0.159%
238	9.795	9.756	9.825	VV	16059	485777	27.16%	0.528%
239	9.840	9.825	9.849	VV	11688	162304	9.07%	0.176%
240	9.868	9.849	9.881	VV	22352	328808	18.38%	0.357%
241	9.897	9.881	9.919	VV	25815	433258	24.22%	0.471%
242	9.938	9.919	9.957	VV	17653	307365	17.18%	0.334%
243	9.985	9.957	10.000	VV	14157	340826	19.05%	0.371%
244	10.022	10.000	10.047	VV	17940	431697	24.14%	0.469%
245	10.094	10.047	10.135	VV	40202	1245759	69.65%	1.354%
246	10.138	10.135	10.143	VV	14907	73823	4.13%	0.080%

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247	10.169	10.143	10.184	VV	24185	485483	27.14%	0.528%
248	10.211	10.184	10.226	VV	31703	646859	36.16%	0.703%
249	10.241	10.226	10.252	VV	32286	435806	24.37%	0.474%
250	10.262	10.252	10.316	VV	27466	750372	41.95%	0.816%
251	10.349	10.316	10.371	VV	56104	1022120	57.14%	1.111%
252	10.386	10.371	10.411	VV	22879	479940	26.83%	0.522%
253	10.430	10.411	10.450	VV	20661	422389	23.62%	0.459%
254	10.474	10.450	10.493	VV	26413	538165	30.09%	0.585%
255	10.539	10.493	10.554	VV	62813	1354651	75.74%	1.473%
256	10.566	10.554	10.587	VV	50558	699581	39.11%	0.761%
257	10.601	10.587	10.618	VV	21116	367786	20.56%	0.400%
258	10.643	10.618	10.684	VV	31696	893648	49.96%	0.972%
259	10.718	10.684	10.738	VV	25396	683923	38.24%	0.744%
260	10.760	10.738	10.771	VV	27432	463655	25.92%	0.504%
261	10.782	10.771	10.810	VV	28673	553235	30.93%	0.601%
262	10.823	10.810	10.844	VV	20320	401697	22.46%	0.437%
263	10.867	10.844	10.903	VV	24434	718558	40.17%	0.781%
264	10.926	10.903	10.952	VV	29696	675825	37.78%	0.735%
265	10.971	10.952	11.001	VV	21885	524482	29.32%	0.570%
266	11.028	11.001	11.042	VV	20971	436082	24.38%	0.474%
267	11.052	11.042	11.070	VV	20628	307872	17.21%	0.335%
268	11.089	11.070	11.104	VV	20045	342957	19.17%	0.373%
269	11.122	11.104	11.140	VV	25234	421899	23.59%	0.459%
270	11.167	11.140	11.183	VV	21471	457238	25.56%	0.497%
271	11.202	11.183	11.222	VV	28335	569506	31.84%	0.619%
272	11.234	11.222	11.261	VV	28923	500634	27.99%	0.544%
273	11.291	11.261	11.325	VV	33875	923766	51.65%	1.004%
274	11.338	11.325	11.357	VV	19989	346724	19.38%	0.377%
275	11.385	11.357	11.428	VV	35566	868799	48.57%	0.945%
276	11.464	11.428	11.480	VV	27738	625552	34.97%	0.680%
277	11.499	11.480	11.515	VV	27657	525305	29.37%	0.571%
278	11.524	11.515	11.541	VV	27519	378136	21.14%	0.411%
279	11.557	11.541	11.567	VV	25671	379119	21.20%	0.412%
280	11.575	11.567	11.597	VV	25317	395124	22.09%	0.430%
281	11.618	11.597	11.651	VV	31167	708942	39.64%	0.771%
282	11.668	11.651	11.690	VV	24398	483622	27.04%	0.526%
283	11.713	11.690	11.733	VV	31606	672535	37.60%	0.731%
284	11.753	11.733	11.797	VV	38198	1247777	69.76%	1.357%
285	11.806	11.797	11.829	VV	30203	499027	27.90%	0.543%
286	11.868	11.829	11.910	VV	60017	1788646	100.00%	1.945%
287	11.936	11.910	11.954	VV	39208	825389	46.15%	0.897%
288	11.963	11.954	11.973	VV	33530	369749	20.67%	0.402%
289	11.994	11.973	12.026	VV	48492	1166444	65.21%	1.268%
290	12.064	12.026	12.087	VV	42417	1190936	66.58%	1.295%
291	12.116	12.087	12.144	VV	43575	1238626	69.25%	1.347%
292	12.159	12.144	12.190	VV	30268	787095	44.01%	0.856%
293	12.223	12.190	12.255	VV	37574	1186049	66.31%	1.290%
294	12.261	12.255	12.294	VV	27615	563117	31.48%	0.612%
295	12.325	12.294	12.337	VV	26062	604375	33.79%	0.657%
296	12.373	12.337	12.393	VV	32331	900773	50.36%	0.979%
297	12.403	12.393	12.424	VV	25166	440317	24.62%	0.479%
298	12.429	12.424	12.442	VV	23555	253955	14.20%	0.276%
299	12.457	12.442	12.477	VV	24087	471535	26.36%	0.513%

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300	12.489	12.477	12.493	VV	22098	204278	11.42%	0.222%
301	12.510	12.493	12.526	VV	23324	437466	24.46%	0.476%
302	12.559	12.526	12.581	VV	29057	753639	42.13%	0.819%
303	12.603	12.581	12.622	VV	23795	542513	30.33%	0.590%
304	12.656	12.622	12.676	VV	24614	733262	41.00%	0.797%
305	12.715	12.676	12.733	VV	25139	816859	45.67%	0.888%
306	12.738	12.733	12.744	VV	24142	146364	8.18%	0.159%
307	12.759	12.744	12.778	VV	25504	495184	27.68%	0.538%
308	12.786	12.778	12.804	VV	23476	344821	19.28%	0.375%
309	12.832	12.804	12.919	VV	25332	1450926	81.12%	1.577%
310	12.953	12.919	12.986	VV	24603	855744	47.84%	0.930%
311	13.002	12.986	13.013	VV	21342	329107	18.40%	0.358%
312	13.022	13.013	13.044	VV	20862	362552	20.27%	0.394%
313	13.076	13.044	13.101	VV	23422	670289	37.47%	0.729%
314	13.109	13.101	13.138	VV	18941	410665	22.96%	0.446%
315	13.158	13.138	13.165	VV	18600	294701	16.48%	0.320%
316	13.174	13.165	13.214	VV	18808	498520	27.87%	0.542%
317	13.221	13.214	13.225	VV	16599	114057	6.38%	0.124%
318	13.230	13.225	13.241	VV	16595	151768	8.49%	0.165%
319	13.273	13.241	13.309	VV	16096	626714	35.04%	0.681%
320	13.344	13.309	13.369	VV	18394	578443	32.34%	0.629%
321	13.373	13.369	13.378	VV	14673	78892	4.41%	0.086%
322	13.398	13.378	13.423	VV	16376	418594	23.40%	0.455%
323	13.429	13.423	13.435	VV	15341	113960	6.37%	0.124%
324	13.441	13.435	13.444	VV	15260	75145	4.20%	0.082%
325	13.449	13.444	13.462	VV	15512	165095	9.23%	0.179%
326	13.486	13.462	13.512	VV	16621	456024	25.50%	0.496%
327	13.537	13.512	13.563	VV	13994	413492	23.12%	0.450%
328	13.592	13.563	13.632	VV	17910	599019	33.49%	0.651%
329	13.656	13.632	13.660	VV	15110	230394	12.88%	0.250%
330	13.667	13.660	13.690	VV	14849	247563	13.84%	0.269%
331	13.712	13.690	13.741	VV	15236	418054	23.37%	0.455%
332	13.757	13.741	13.792	VV	13310	381915	21.35%	0.415%
333	13.801	13.792	13.806	VV	12797	101164	5.66%	0.110%
334	13.827	13.806	13.834	VV	13235	216610	12.11%	0.236%
335	13.841	13.834	13.861	VV	13127	203345	11.37%	0.221%
336	13.871	13.861	13.909	VV	11808	328150	18.35%	0.357%
337	13.948	13.909	13.954	VV	13136	337597	18.87%	0.367%
338	13.959	13.954	13.962	VV	13040	63041	3.52%	0.069%
339	13.966	13.962	13.987	VV	13255	189254	10.58%	0.206%
340	13.993	13.987	14.002	VV	12154	103981	5.81%	0.113%
341	14.028	14.002	14.040	VV	13366	297565	16.64%	0.324%
342	14.057	14.040	14.066	VV	13484	198751	11.11%	0.216%
343	14.082	14.066	14.094	VV	13586	218774	12.23%	0.238%
344	14.100	14.094	14.107	VV	12829	97632	5.46%	0.106%
345	14.145	14.107	14.169	VV	14329	490208	27.41%	0.533%
346	14.185	14.169	14.200	VV	13708	250944	14.03%	0.273%
347	14.213	14.200	14.229	VV	14279	225890	12.63%	0.246%
348	14.262	14.229	14.286	VV	13238	429123	23.99%	0.467%
349	14.299	14.286	14.312	VV	12827	192631	10.77%	0.209%
350	14.324	14.312	14.355	VV	13049	316662	17.70%	0.344%
351	14.380	14.355	14.400	VV	12009	314122	17.56%	0.342%

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352	14.421	14.400	14.437	VV	12760	265804	14.86%	0.289%
353	14.444	14.437	14.449	VV	12232	84623	4.73%	0.092%
354	14.473	14.449	14.481	VV	12743	231708	12.95%	0.252%
355	14.485	14.481	14.499	VV	12208	125475	7.02%	0.136%
356	14.513	14.499	14.532	VV	12035	226755	12.68%	0.247%
357	14.549	14.532	14.579	VV	11967	309933	17.33%	0.337%
358	14.596	14.579	14.615	VV	11335	233453	13.05%	0.254%
359	14.628	14.615	14.638	VV	10988	148711	8.31%	0.162%
360	14.676	14.638	14.681	VV	13023	302706	16.92%	0.329%
361	14.684	14.681	14.692	VV	12873	82580	4.62%	0.090%
362	14.701	14.692	14.726	VV	13308	249963	13.97%	0.272%
363	14.735	14.726	14.764	VV	11602	248522	13.89%	0.270%
364	14.793	14.764	14.802	VV	11516	245328	13.72%	0.267%
365	14.818	14.802	14.847	VV	12007	291735	16.31%	0.317%
366	14.872	14.847	14.883	VV	10530	219465	12.27%	0.239%
367	14.910	14.883	14.917	VV	10866	208324	11.65%	0.226%
368	14.926	14.917	14.946	VV	11197	186740	10.44%	0.203%
369	14.966	14.946	15.005	VV	12249	364015	20.35%	0.396%
370	15.027	15.005	15.057	VV	10657	300695	16.81%	0.327%
371	15.091	15.057	15.108	VV	10344	291889	16.32%	0.317%
372	15.126	15.108	15.135	VV	10165	155223	8.68%	0.169%
373	15.140	15.135	15.156	VV	10149	123805	6.92%	0.135%
374	15.176	15.156	15.194	VV	10532	223505	12.50%	0.243%
375	15.211	15.194	15.227	VV	10746	198133	11.08%	0.215%
376	15.243	15.227	15.257	VV	9727	169796	9.49%	0.185%
377	15.264	15.257	15.272	VV	9521	85327	4.77%	0.093%
378	15.309	15.272	15.346	VV	10956	436514	24.40%	0.475%
379	15.364	15.346	15.376	VV	9900	168007	9.39%	0.183%
380	15.400	15.376	15.408	VV	9541	178134	9.96%	0.194%
381	15.413	15.408	15.420	VV	9488	69896	3.91%	0.076%
382	15.441	15.420	15.453	VV	10822	194047	10.85%	0.211%
383	15.474	15.453	15.482	VV	11067	180100	10.07%	0.196%
384	15.486	15.482	15.509	VV	10772	158942	8.89%	0.173%
385	15.518	15.509	15.522	VV	9846	75304	4.21%	0.082%
386	15.528	15.522	15.539	VV	9685	96948	5.42%	0.105%
387	15.554	15.539	15.582	VV	10018	245389	13.72%	0.267%
388	15.595	15.582	15.604	VV	9401	113855	6.37%	0.124%
389	15.608	15.604	15.618	VV	9030	74029	4.14%	0.080%
390	15.625	15.618	15.632	VV	8734	75466	4.22%	0.082%
391	15.640	15.632	15.659	VV	9291	141797	7.93%	0.154%
392	15.681	15.659	15.708	VV	9345	255517	14.29%	0.278%
393	15.727	15.708	15.733	VV	9365	136618	7.64%	0.149%
394	15.739	15.733	15.764	VV	9225	151916	8.49%	0.165%
395	15.777	15.764	15.785	VV	8113	101905	5.70%	0.111%
396	15.808	15.785	15.826	VV	8133	188017	10.51%	0.204%
397	15.844	15.826	15.880	VV	8482	243433	13.61%	0.265%
398	15.891	15.880	15.898	VV	7154	72327	4.04%	0.079%
399	15.905	15.898	15.912	VV	7155	60085	3.36%	0.065%
400	15.923	15.912	15.927	VV	7123	62444	3.49%	0.068%
401	15.960	15.927	15.967	VV	7777	176175	9.85%	0.192%
402	15.981	15.967	16.004	VV	8149	159943	8.94%	0.174%
403	16.007	16.004	16.047	VV	6705	156913	8.77%	0.171%
404	16.057	16.047	16.069	VV	5843	74641	4.17%	0.081%

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405	16.077	16.069	16.084	VV	5412	45872	2.56%	0.050%
406	16.090	16.084	16.117	VV	5602	101844	5.69%	0.111%
407	16.120	16.117	16.125	VV	4812	23272	1.30%	0.025%
408	16.146	16.125	16.175	VV	5850	146152	8.17%	0.159%
409	16.182	16.175	16.217	VV	4711	103769	5.80%	0.113%
410	16.232	16.217	16.242	VV	4324	60487	3.38%	0.066%
411	16.247	16.242	16.265	VV	4145	55744	3.12%	0.061%
412	16.278	16.265	16.299	VV	4103	75946	4.25%	0.083%
413	16.316	16.299	16.322	VV	3788	50183	2.81%	0.055%
414	16.330	16.322	16.341	VV	3945	38712	2.16%	0.042%
415	16.345	16.341	16.353	VV	3404	24165	1.35%	0.026%
416	16.359	16.353	16.363	VV	3337	18011	1.01%	0.020%
417	16.387	16.363	16.394	VV	4447	72311	4.04%	0.079%
418	16.403	16.394	16.412	VV	4589	48328	2.70%	0.053%
419	16.432	16.412	16.485	VV	4874	159586	8.92%	0.174%
420	16.499	16.485	16.530	VV	3289	75250	4.21%	0.082%
421	16.537	16.530	16.553	VV	2410	29893	1.67%	0.033%
422	16.573	16.553	16.578	VV	2888	36297	2.03%	0.039%
423	16.588	16.578	16.622	VV	3019	63047	3.52%	0.069%
424	16.650	16.622	16.674	VV	3491	75526	4.22%	0.082%
425	16.691	16.674	16.701	VV	1754	27897	1.56%	0.030%
426	16.708	16.701	16.734	VV	1881	29044	1.62%	0.032%
427	16.740	16.734	16.750	VV	1267	11606	0.65%	0.013%
428	16.756	16.750	16.779	VV	1439	21409	1.20%	0.023%
429	16.783	16.779	16.790	VV	1185	7321	0.41%	0.008%
430	16.809	16.790	16.824	VV	1562	23799	1.33%	0.026%
431	16.827	16.824	16.855	VV	1381	20931	1.17%	0.023%
432	16.879	16.855	16.946	VV	1741	53693	3.00%	0.058%
433	16.956	16.946	16.971	VV	527	6463	0.36%	0.007%
434	16.974	16.971	16.978	VV	659	2157	0.12%	0.002%
435	16.982	16.978	16.989	VV	722	3606	0.20%	0.004%
436	16.997	16.989	17.002	VV	820	4717	0.26%	0.005%
437	17.009	17.002	17.018	VV	651	4747	0.27%	0.005%
438	17.024	17.018	17.037	VV	390	2844	0.16%	0.003%
439	17.042	17.037	17.046	VV	390	1278	0.07%	0.001%
440	17.049	17.046	17.052	VV	347	702	0.04%	0.001%
441	17.078	17.052	17.109	PV	1359	23436	1.31%	0.025%
442	17.137	17.109	17.159	VV	1365	23200	1.30%	0.025%
443	17.173	17.159	17.190	VV	701	8059	0.45%	0.009%
444	17.225	17.190	17.234	VV	846	14077	0.79%	0.015%
445	17.238	17.234	17.248	VV	763	4507	0.25%	0.005%
446	17.252	17.248	17.257	VV	442	2126	0.12%	0.002%
447	17.282	17.257	17.289	VV	835	11883	0.66%	0.013%
448	17.311	17.289	17.358	VV	1251	33304	1.86%	0.036%
449	17.372	17.358	17.385	VV	722	10059	0.56%	0.011%
450	17.390	17.385	17.400	VV	819	6569	0.37%	0.007%
451	17.404	17.400	17.412	VV	737	4527	0.25%	0.005%
452	17.425	17.412	17.432	VV	980	10094	0.56%	0.011%
453	17.437	17.432	17.444	VV	915	5427	0.30%	0.006%
454	17.453	17.444	17.467	VV	1048	12002	0.67%	0.013%
455	17.473	17.467	17.492	VV	841	9758	0.55%	0.011%
456	17.498	17.492	17.504	VV	457	2388	0.13%	0.003%

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457	17.549	17.504	17.576	VV	2173	50525	2.82%	0.055%
458	17.594	17.576	17.605	VV	831	11398	0.64%	0.012%
459	17.627	17.605	17.648	VV	1237	20262	1.13%	0.022%
460	17.654	17.648	17.662	VV	488	3528	0.20%	0.004%
461	17.680	17.662	17.685	VV	948	8980	0.50%	0.010%
462	17.709	17.685	17.732	VV	1331	26049	1.46%	0.028%
463	17.763	17.732	17.813	VV	1482	41034	2.29%	0.045%
464	17.830	17.813	17.839	VV	514	5741	0.32%	0.006%
465	17.852	17.839	17.870	VV	462	6023	0.34%	0.007%
466	17.875	17.870	17.885	VV	273	1774	0.10%	0.002%
467	17.926	17.885	17.941	PV	2962	46087	2.58%	0.050%
468	17.958	17.941	17.990	VV	2993	57807	3.23%	0.063%
469	17.994	17.990	18.009	VV	707	6943	0.39%	0.008%
470	18.028	18.009	18.057	VV	972	16616	0.93%	0.018%
471	18.069	18.057	18.075	VV	409	2223	0.12%	0.002%
472	18.122	18.075	18.143	PV	1565	28485	1.59%	0.031%
473	18.162	18.143	18.174	VV	1718	22441	1.25%	0.024%
474	18.185	18.174	18.200	VV	1589	20682	1.16%	0.022%
475	18.223	18.200	18.229	VV	1465	19939	1.11%	0.022%
476	18.240	18.229	18.262	VV	1304	22206	1.24%	0.024%
477	18.293	18.262	18.319	VV	3827	65438	3.66%	0.071%
478	18.329	18.319	18.337	VV	820	7087	0.40%	0.008%
479	18.343	18.337	18.354	VV	495	3936	0.22%	0.004%
480	18.374	18.354	18.382	VV	748	9784	0.55%	0.011%
481	18.423	18.382	18.430	VV	696	14432	0.81%	0.016%
482	18.450	18.430	18.457	VV	826	11187	0.63%	0.012%
483	18.480	18.457	18.485	VV	656	7846	0.44%	0.009%
484	18.490	18.485	18.504	VV	712	4163	0.23%	0.005%
485	18.509	18.504	18.512	VV	139	451	0.03%	0.000%
486	18.520	18.512	18.526	PV	325	1607	0.09%	0.002%
487	18.560	18.526	18.571	VV	1116	16841	0.94%	0.018%
488	18.592	18.571	18.647	VV	2048	49140	2.75%	0.053%
489	18.654	18.647	18.659	VV	433	2540	0.14%	0.003%
490	18.716	18.659	18.737	VV	1566	36165	2.02%	0.039%
491	18.761	18.737	18.786	VV	1507	24959	1.40%	0.027%
492	18.790	18.786	18.794	VV	344	1337	0.07%	0.001%
493	18.802	18.794	18.808	VV	342	1810	0.10%	0.002%
494	18.819	18.808	18.823	PV	247	1431	0.08%	0.002%
495	18.853	18.823	18.867	VV	652	11226	0.63%	0.012%
496	18.894	18.867	18.914	VV	877	18265	1.02%	0.020%
497	18.945	18.914	18.948	VV	409	4672	0.26%	0.005%
498	18.986	18.948	19.022	VV	2420	57678	3.22%	0.063%
499	19.044	19.022	19.052	VV	1413	18764	1.05%	0.020%
500	19.059	19.052	19.085	VV	1036	13043	0.73%	0.014%
501	19.134	19.085	19.149	VV	1484	30183	1.69%	0.033%
502	19.156	19.149	19.160	VV	566	3601	0.20%	0.004%
503	19.196	19.160	19.217	VV	1423	31485	1.76%	0.034%
504	19.251	19.217	19.260	VV	1237	28393	1.59%	0.031%
505	19.268	19.260	19.275	VV	1209	9779	0.55%	0.011%
506	19.292	19.275	19.296	VV	1280	14499	0.81%	0.016%
507	19.365	19.296	19.404	VV	4148	167805	9.38%	0.182%
508	19.416	19.404	19.435	VV	2750	46962	2.63%	0.051%
509	19.444	19.435	19.448	VV	2126	16099	0.90%	0.018%

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510	19.472	19.448	19.481	VV	2284	42275	2.36%	0.046%
511	19.539	19.481	19.555	VV	3919	142701	7.98%	0.155%
512	19.558	19.555	19.574	VV	3213	35420	1.98%	0.039%
513	19.600	19.574	19.625	VV	3469	98061	5.48%	0.107%
514	19.653	19.625	19.671	VV	3495	87058	4.87%	0.095%
515	19.746	19.671	19.767	VV	5011	223474	12.49%	0.243%
516	19.813	19.767	19.819	VV	4366	132047	7.38%	0.144%
517	19.835	19.819	19.851	VV	4405	81453	4.55%	0.089%
518	19.856	19.851	19.859	VV	4281	20123	1.13%	0.022%
519	19.907	19.859	19.927	VV	5287	188905	10.56%	0.205%
520	19.973	19.927	19.978	VV	5781	162700	9.10%	0.177%
521	20.016	19.978	20.023	VV	6569	163003	9.11%	0.177%
522	20.047	20.023	20.052	VV	6470	110628	6.18%	0.120%
523	20.063	20.052	20.071	VV	6617	74004	4.14%	0.080%
524	20.076	20.071	20.080	VV	6430	35822	2.00%	0.039%
525	20.131	20.080	20.136	VV	8228	242722	13.57%	0.264%
526	20.141	20.136	20.155	VV	8087	91632	5.12%	0.100%
527	20.209	20.155	20.217	VV	8254	291512	16.30%	0.317%
528	20.281	20.217	20.301	VV	10475	458562	25.64%	0.499%
529	20.369	20.301	20.374	VV	11706	479346	26.80%	0.521%
530	20.381	20.374	20.401	VV	11805	181248	10.13%	0.197%
531	20.431	20.401	20.442	VV	11821	289471	16.18%	0.315%
532	20.489	20.442	20.494	VV	13116	390448	21.83%	0.425%
533	20.502	20.494	20.530	VV	13138	280596	15.69%	0.305%
534	20.535	20.530	20.580	VV	12601	357639	19.99%	0.389%
535	20.649	20.580	20.740	VV	13872	1159185	64.81%	1.260%
536	20.820	20.740	20.869	VV	12292	853664	47.73%	0.928%
537	20.907	20.869	20.953	VV	10590	516989	28.90%	0.562%
538	20.961	20.953	20.967	VV	9382	77363	4.33%	0.084%
539	21.004	20.967	21.010	VV	9342	240972	13.47%	0.262%
540	21.015	21.010	21.022	VV	9298	67507	3.77%	0.073%
541	21.026	21.022	21.113	VV	9204	426402	23.84%	0.464%
542	21.150	21.113	21.177	VV	6947	251673	14.07%	0.274%
543	21.183	21.177	21.193	VV	6302	60425	3.38%	0.066%
544	21.202	21.193	21.209	VV	6177	56873	3.18%	0.062%
545	21.249	21.209	21.254	VV	6314	168545	9.42%	0.183%
546	21.257	21.254	21.304	VV	6178	164800	9.21%	0.179%
547	21.305	21.304	21.337	VV	4996	91333	5.11%	0.099%
548	21.363	21.337	21.370	VV	4355	87003	4.86%	0.095%
549	21.385	21.370	21.390	VV	4274	51033	2.85%	0.055%
550	21.439	21.390	21.514	VV	4407	289496	16.19%	0.315%
551	21.517	21.514	21.563	VV	2918	72598	4.06%	0.079%
552	21.622	21.563	21.634	VV	2125	86651	4.84%	0.094%
553	21.639	21.634	21.643	VV	1990	11497	0.64%	0.013%
554	21.648	21.643	21.690	VV	2024	48354	2.70%	0.053%
555	21.761	21.690	21.900	VBA	3103	193658	10.83%	0.211%

Sum of corrected areas: 91977432

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