

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF041122\
 Data File : FF010324.D
 Signal(s) : FID2B.ch
 Acq On : 11 Apr 2022 12:45
 Sample : N2335-02 5X
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF040122.M
 Title :

Signal : FID2B.ch

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.005	1.997	2.030	BV	2115	35273	0.31%	0.026%
2	2.037	2.030	2.048	VV	2012	20447	0.18%	0.015%
3	2.052	2.048	2.060	VV	1997	13976	0.12%	0.010%
4	2.068	2.060	2.090	VV	2046	35359	0.31%	0.026%
5	2.103	2.090	2.142	VV	2172	56610	0.49%	0.041%
6	2.159	2.142	2.170	VV	1701	28093	0.24%	0.021%
7	2.175	2.170	2.184	VV	1687	13743	0.12%	0.010%
8	2.188	2.184	2.218	VV	1648	30756	0.27%	0.023%
9	2.233	2.218	2.247	VV	1557	27040	0.24%	0.020%
10	2.251	2.247	2.265	VV	1568	16621	0.14%	0.012%
11	2.272	2.265	2.277	VV	1519	10053	0.09%	0.007%
12	2.296	2.277	2.323	VV	1673	40435	0.35%	0.030%
13	2.328	2.323	2.338	VV	1380	11792	0.10%	0.009%
14	2.344	2.338	2.355	VV	1367	12548	0.11%	0.009%
15	2.360	2.355	2.416	VV	1311	45691	0.40%	0.033%
16	2.434	2.416	2.455	VV	1292	28905	0.25%	0.021%
17	2.473	2.455	2.509	VV	1717	44902	0.39%	0.033%
18	2.531	2.509	2.548	VV	1369	28793	0.25%	0.021%
19	2.556	2.548	2.582	VV	1395	23384	0.20%	0.017%
20	2.587	2.582	2.610	VV	981	14863	0.13%	0.011%
21	2.623	2.610	2.634	VV	964	12738	0.11%	0.009%
22	2.640	2.634	2.660	VV	902	13407	0.12%	0.010%
23	2.663	2.660	2.684	VV	859	11198	0.10%	0.008%
24	2.691	2.684	2.705	VV	831	10203	0.09%	0.007%
25	2.713	2.705	2.726	VV	808	9751	0.08%	0.007%
26	2.745	2.726	2.760	VV	1042	17153	0.15%	0.013%
27	2.768	2.760	2.800	VV	880	19243	0.17%	0.014%
28	2.807	2.800	2.819	VV	785	8244	0.07%	0.006%
29	2.843	2.819	2.866	VV	1429	29084	0.25%	0.021%
30	2.873	2.866	2.880	VV	775	6200	0.05%	0.005%
31	2.897	2.880	2.901	VV	765	8821	0.08%	0.006%
32	2.907	2.901	2.926	VV	777	10714	0.09%	0.008%
33	2.933	2.926	2.937	VV	737	4520	0.04%	0.003%
34	2.946	2.937	2.956	VV	762	7706	0.07%	0.006%
35	2.962	2.956	2.985	VV	741	11405	0.10%	0.008%
36	3.013	2.985	3.049	VV	1365	33469	0.29%	0.025%

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37	3.057	3.049	3.080	VV	948	14217	0.12%	0.010%
38	3.092	3.080	3.115	VV	803	14140	0.12%	0.010%
39	3.127	3.115	3.143	VV	702	10115	0.09%	0.007%
40	3.151	3.143	3.171	VV	627	9248	0.08%	0.007%
41	3.184	3.171	3.189	VV	540	5471	0.05%	0.004%
42	3.195	3.189	3.222	VV	575	10572	0.09%	0.008%
43	3.225	3.222	3.229	VV	483	2258	0.02%	0.002%
44	3.248	3.229	3.290	VV	548	17829	0.16%	0.013%
45	3.305	3.290	3.318	VV	835	10244	0.09%	0.007%
46	3.327	3.318	3.343	VV	562	7452	0.06%	0.005%
47	3.347	3.343	3.358	VV	482	3928	0.03%	0.003%
48	3.362	3.358	3.377	VV	474	4584	0.04%	0.003%
49	3.400	3.377	3.426	VV	579	14837	0.13%	0.011%
50	3.429	3.426	3.443	VV	540	4979	0.04%	0.004%
51	3.451	3.443	3.458	VV	489	4164	0.04%	0.003%
52	3.467	3.458	3.481	VV	550	6790	0.06%	0.005%
53	3.495	3.481	3.527	VV	564	13232	0.12%	0.010%
54	3.529	3.527	3.537	VV	427	2424	0.02%	0.002%
55	3.548	3.537	3.559	VV	511	5718	0.05%	0.004%
56	3.570	3.559	3.576	VV	538	5073	0.04%	0.004%
57	3.583	3.576	3.588	VV	542	3575	0.03%	0.003%
58	3.602	3.588	3.620	VV	984	13460	0.12%	0.010%
59	3.637	3.620	3.645	VV	475	6328	0.06%	0.005%
60	3.650	3.645	3.663	VV	436	4055	0.04%	0.003%
61	3.680	3.663	3.699	VV	755	12736	0.11%	0.009%
62	3.707	3.699	3.729	VV	550	8613	0.08%	0.006%
63	3.749	3.729	3.755	VV	542	7754	0.07%	0.006%
64	3.760	3.755	3.774	VV	519	4756	0.04%	0.003%
65	3.796	3.774	3.810	VV	656	11732	0.10%	0.009%
66	3.814	3.810	3.837	VV	543	7249	0.06%	0.005%
67	3.848	3.837	3.862	VV	489	5945	0.05%	0.004%
68	3.882	3.862	3.930	VV	662	18108	0.16%	0.013%
69	3.934	3.930	3.940	VV	380	2222	0.02%	0.002%
70	3.967	3.940	3.979	VV	976	14424	0.13%	0.011%
71	3.991	3.979	4.015	VV	995	15523	0.14%	0.011%
72	4.017	4.015	4.049	VV	530	9545	0.08%	0.007%
73	4.065	4.049	4.095	VV	541	11382	0.10%	0.008%
74	4.115	4.095	4.123	VV	905	10497	0.09%	0.008%
75	4.134	4.123	4.155	VV	880	14088	0.12%	0.010%
76	4.167	4.155	4.189	VV	769	13120	0.11%	0.010%
77	4.194	4.189	4.204	VV	497	3724	0.03%	0.003%
78	4.211	4.204	4.225	VV	483	5223	0.05%	0.004%
79	4.234	4.225	4.268	VV	449	9280	0.08%	0.007%
80	4.284	4.268	4.297	VV	495	6645	0.06%	0.005%
81	4.321	4.297	4.341	VV	493	10020	0.09%	0.007%
82	4.369	4.341	4.393	VV	895	15473	0.13%	0.011%
83	4.413	4.393	4.426	VV	620	8746	0.08%	0.006%
84	4.437	4.426	4.455	VV	508	7533	0.07%	0.006%
85	4.471	4.455	4.501	VV	566	10404	0.09%	0.008%
86	4.518	4.501	4.549	VV	1997	22494	0.20%	0.016%
87	4.583	4.549	4.612	VV	3429	48182	0.42%	0.035%
88	4.620	4.612	4.639	VV	644	7791	0.07%	0.006%
89	4.655	4.639	4.682	VV	574	10542	0.09%	0.008%

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90	4.704	4.682	4.734	VV	494	10962	0.10%	0.008%
91	4.747	4.734	4.764	VV	602	7491	0.07%	0.005%
92	4.781	4.764	4.799	VV	476	8024	0.07%	0.006%
93	4.816	4.799	4.832	VV	517	7797	0.07%	0.006%
94	4.836	4.832	4.860	VV	500	6768	0.06%	0.005%
95	4.864	4.860	4.879	VV	378	3263	0.03%	0.002%
96	4.885	4.879	4.905	VV	216	3302	0.03%	0.002%
97	4.918	4.905	4.934	VV	440	6095	0.05%	0.004%
98	4.937	4.934	4.945	VV	385	2679	0.02%	0.002%
99	4.949	4.945	4.971	VV	454	5433	0.05%	0.004%
100	4.975	4.971	4.985	VV	329	2302	0.02%	0.002%
101	5.007	4.985	5.034	VV	334	6889	0.06%	0.005%
102	5.056	5.034	5.073	VV	559	7689	0.07%	0.006%
103	5.086	5.073	5.099	VV	503	4726	0.04%	0.003%
104	5.107	5.099	5.127	VV	445	4741	0.04%	0.003%
105	5.129	5.127	5.134	VV	202	675	0.01%	0.000%
106	5.138	5.134	5.155	VV	269	1637	0.01%	0.001%
107	5.175	5.155	5.191	PV	463	6147	0.05%	0.005%
108	5.195	5.191	5.208	VV	404	3319	0.03%	0.002%
109	5.221	5.208	5.249	VV	969	11457	0.10%	0.008%
110	5.257	5.249	5.264	VV	202	1590	0.01%	0.001%
111	5.294	5.264	5.309	VV	420	7311	0.06%	0.005%
112	5.323	5.309	5.342	VV	234	3103	0.03%	0.002%
113	5.349	5.342	5.379	VV	444	3436	0.03%	0.003%
114	5.403	5.379	5.420	VV	783	9469	0.08%	0.007%
115	5.434	5.420	5.447	VV	536	7411	0.06%	0.005%
116	5.456	5.447	5.493	VV	419	6996	0.06%	0.005%
117	5.510	5.493	5.544	VV	231	4250	0.04%	0.003%
118	5.590	5.544	5.625	PV	795	13470	0.12%	0.010%
119	5.638	5.625	5.650	VV	239	2638	0.02%	0.002%
120	5.665	5.650	5.675	VV	770	8625	0.08%	0.006%
121	5.684	5.675	5.694	VV	828	8016	0.07%	0.006%
122	5.705	5.694	5.727	VV	1012	12234	0.11%	0.009%
123	5.742	5.727	5.760	VV	391	6013	0.05%	0.004%
124	5.774	5.760	5.792	VV	337	4144	0.04%	0.003%
125	5.811	5.792	5.829	VV	297	4537	0.04%	0.003%
126	5.855	5.829	5.870	VV	380	5578	0.05%	0.004%
127	5.887	5.870	5.903	VV	573	8798	0.08%	0.006%
128	5.911	5.903	5.927	VV	592	6487	0.06%	0.005%
129	5.952	5.927	5.975	VV	9660	94916	0.83%	0.069%
130	5.999	5.975	6.030	VV	751	12037	0.10%	0.009%
131	6.051	6.030	6.070	VV	459	7823	0.07%	0.006%
132	6.098	6.070	6.116	VV	1020	15755	0.14%	0.012%
133	6.127	6.116	6.155	VV	447	6685	0.06%	0.005%
134	6.167	6.155	6.178	VV	313	3454	0.03%	0.003%
135	6.190	6.178	6.205	VV	433	4656	0.04%	0.003%
136	6.226	6.205	6.256	VV	1931	26388	0.23%	0.019%
137	6.263	6.256	6.277	VV	460	4821	0.04%	0.004%
138	6.280	6.277	6.284	VV	338	1182	0.01%	0.001%
139	6.308	6.284	6.331	VV	618	10934	0.10%	0.008%
140	6.338	6.331	6.355	VV	397	3288	0.03%	0.002%
141	6.382	6.355	6.415	VV	709	10431	0.09%	0.008%

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142	6.419	6.415	6.427	VV	117	702	0.01%	0.001%
143	6.439	6.427	6.454	VV	136	1349	0.01%	0.001%
144	6.474	6.454	6.489	VV	320	3708	0.03%	0.003%
145	6.509	6.489	6.520	VV	455	6371	0.06%	0.005%
146	6.532	6.520	6.559	VV	905	11409	0.10%	0.008%
147	6.582	6.559	6.597	VV	669	8551	0.07%	0.006%
148	6.606	6.597	6.626	VV	140	1447	0.01%	0.001%
149	6.663	6.626	6.681	VV	929	11765	0.10%	0.009%
150	6.703	6.681	6.737	PV	786	14642	0.13%	0.011%
151	6.743	6.737	6.748	VV	207	1147	0.01%	0.001%
152	6.782	6.748	6.806	VV	1391	19094	0.17%	0.014%
153	6.820	6.806	6.828	VV	365	3458	0.03%	0.003%
154	6.856	6.828	6.871	VV	1216	20263	0.18%	0.015%
155	6.879	6.871	6.894	VV	942	10908	0.10%	0.008%
156	6.908	6.894	6.925	VV	1018	13813	0.12%	0.010%
157	6.944	6.925	6.974	VV	1278	20204	0.18%	0.015%
158	7.006	6.974	7.032	VV	7722	87222	0.76%	0.064%
159	7.044	7.032	7.055	VV	836	10120	0.09%	0.007%
160	7.062	7.055	7.070	VV	809	6881	0.06%	0.005%
161	7.086	7.070	7.122	VV	1805	29875	0.26%	0.022%
162	7.141	7.122	7.167	VV	9261	93703	0.82%	0.069%
163	7.189	7.167	7.214	VV	682	16477	0.14%	0.012%
164	7.224	7.214	7.245	VV	448	6060	0.05%	0.004%
165	7.271	7.245	7.282	VV	581	9319	0.08%	0.007%
166	7.307	7.282	7.336	VV	1690	25120	0.22%	0.018%
167	7.363	7.336	7.383	VV	910	15547	0.14%	0.011%
168	7.395	7.383	7.418	VV	752	10008	0.09%	0.007%
169	7.437	7.418	7.453	VV	346	6021	0.05%	0.004%
170	7.482	7.453	7.507	VV	1317	20679	0.18%	0.015%
171	7.532	7.507	7.551	VV	715	11767	0.10%	0.009%
172	7.568	7.551	7.574	PV	209	1783	0.02%	0.001%
173	7.598	7.574	7.630	VV	904	14669	0.13%	0.011%
174	7.642	7.630	7.661	VV	645	7643	0.07%	0.006%
175	7.674	7.661	7.678	VV	291	2185	0.02%	0.002%
176	7.695	7.678	7.701	VV	403	4510	0.04%	0.003%
177	7.731	7.701	7.779	VV	2039	48029	0.42%	0.035%
178	7.786	7.779	7.803	VV	691	7386	0.06%	0.005%
179	7.830	7.803	7.853	VV	1071	16886	0.15%	0.012%
180	7.888	7.853	7.915	VV	6289	92369	0.81%	0.068%
181	7.932	7.915	7.950	VV	1680	30106	0.26%	0.022%
182	7.985	7.950	7.992	VV	17897	186373	1.62%	0.136%
183	7.999	7.992	8.041	VV	17618	178209	1.55%	0.130%
184	8.060	8.041	8.075	VV	1401	20957	0.18%	0.015%
185	8.103	8.075	8.118	VV	42877	455809	3.97%	0.334%
186	8.131	8.118	8.151	VV	25690	260980	2.27%	0.191%
187	8.161	8.151	8.167	VV	2716	24070	0.21%	0.018%
188	8.177	8.167	8.204	VV	3144	44564	0.39%	0.033%
189	8.221	8.204	8.234	VV	1103	14609	0.13%	0.011%
190	8.261	8.234	8.269	VV	13226	169195	1.47%	0.124%
191	8.286	8.269	8.322	VV	24078	330902	2.88%	0.242%
192	8.340	8.322	8.358	VV	3719	46340	0.40%	0.034%
193	8.377	8.358	8.397	VV	6641	72081	0.63%	0.053%
194	8.403	8.397	8.411	VV	975	7753	0.07%	0.006%

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195	8.425	8.411	8.448	VV	2253	27471	0.24%	0.020%
196	8.452	8.448	8.460	VV	506	3534	0.03%	0.003%
197	8.462	8.460	8.492	VV	466	4725	0.04%	0.003%
198	8.533	8.492	8.554	PV	1753	26733	0.23%	0.020%
199	8.583	8.554	8.610	VV	145481	1433187	12.49%	1.049%
200	8.630	8.610	8.659	VV	6926	95726	0.83%	0.070%
201	8.701	8.659	8.706	VV	3103	50705	0.44%	0.037%
202	8.715	8.706	8.733	VV	3405	39824	0.35%	0.029%
203	8.747	8.733	8.760	VV	2612	28223	0.25%	0.021%
204	8.772	8.760	8.791	VV	1589	21328	0.19%	0.016%
205	8.824	8.791	8.839	VV	30737	350520	3.06%	0.257%
206	8.855	8.839	8.881	VV	56322	583210	5.08%	0.427%
207	8.894	8.881	8.910	VV	4149	47243	0.41%	0.035%
208	8.922	8.910	8.929	VV	1992	20247	0.18%	0.015%
209	8.947	8.929	8.969	VV	5507	68384	0.60%	0.050%
210	8.993	8.969	9.013	VV	20678	228142	1.99%	0.167%
211	9.033	9.013	9.078	VV	24964	281656	2.46%	0.206%
212	9.091	9.078	9.114	VV	896	10926	0.10%	0.008%
213	9.149	9.114	9.166	VV	22379	241348	2.10%	0.177%
214	9.180	9.166	9.212	VV	16733	174650	1.52%	0.128%
215	9.232	9.212	9.246	VV	2898	30992	0.27%	0.023%
216	9.285	9.246	9.308	VV	19461	273975	2.39%	0.201%
217	9.325	9.308	9.340	VV	3699	44923	0.39%	0.033%
218	9.368	9.340	9.421	VV	181342	1914776	16.69%	1.402%
219	9.446	9.421	9.461	VV	19497	238873	2.08%	0.175%
220	9.468	9.461	9.474	VV	8672	63090	0.55%	0.046%
221	9.489	9.474	9.501	VV	21830	237765	2.07%	0.174%
222	9.519	9.501	9.536	VV	47803	588653	5.13%	0.431%
223	9.545	9.536	9.561	VV	18616	192360	1.68%	0.141%
224	9.579	9.561	9.614	VV	30664	378506	3.30%	0.277%
225	9.630	9.614	9.651	VV	4337	65764	0.57%	0.048%
226	9.655	9.651	9.665	VV	1913	14706	0.13%	0.011%
227	9.689	9.665	9.724	VV	56721	657150	5.73%	0.481%
228	9.742	9.724	9.758	VV	4814	68848	0.60%	0.050%
229	9.790	9.758	9.831	VV	77629	999224	8.71%	0.732%
230	9.851	9.831	9.870	VV	13306	151222	1.32%	0.111%
231	9.886	9.870	9.911	VV	5428	71924	0.63%	0.053%
232	9.955	9.911	10.004	VV	6030	122473	1.07%	0.090%
233	10.013	10.004	10.026	VV	325	2724	0.02%	0.002%
234	10.053	10.026	10.076	PV	10439	112944	0.98%	0.083%
235	10.112	10.076	10.130	VV	7796	104368	0.91%	0.076%
236	10.136	10.130	10.147	VV	2473	20984	0.18%	0.015%
237	10.166	10.147	10.198	VV	6264	110229	0.96%	0.081%
238	10.223	10.198	10.227	VV	10335	107016	0.93%	0.078%
239	10.250	10.227	10.272	VV	59473	755541	6.59%	0.553%
240	10.290	10.272	10.330	VV	25576	317497	2.77%	0.232%
241	10.367	10.330	10.407	VV	41334	722684	6.30%	0.529%
242	10.424	10.407	10.434	VV	10555	141838	1.24%	0.104%
243	10.442	10.434	10.479	VV	10608	167478	1.46%	0.123%
244	10.504	10.479	10.515	VV	8747	114269	1.00%	0.084%
245	10.539	10.515	10.552	VV	36789	469494	4.09%	0.344%
246	10.573	10.552	10.614	VV	67052	1074319	9.36%	0.787%

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247	10.646	10.614	10.655	VV	8217	144865	1.26%	0.106%
248	10.674	10.655	10.693	VV	28047	358093	3.12%	0.262%
249	10.705	10.693	10.726	VV	9227	138593	1.21%	0.101%
250	10.741	10.726	10.748	VV	11653	114254	1.00%	0.084%
251	10.781	10.748	10.819	VV	910312	10479981	91.35%	7.673%
252	10.848	10.819	10.887	VV	138751	1545501	13.47%	1.132%
253	10.899	10.887	10.913	VV	5143	57281	0.50%	0.042%
254	10.923	10.913	10.930	VV	3168	29741	0.26%	0.022%
255	10.946	10.930	10.971	VV	5784	100106	0.87%	0.073%
256	10.983	10.971	11.008	VV	4421	54662	0.48%	0.040%
257	11.072	11.008	11.102	VV	12028	274474	2.39%	0.201%
258	11.129	11.102	11.149	VV	6220	120196	1.05%	0.088%
259	11.172	11.149	11.188	VV	12605	205567	1.79%	0.151%
260	11.201	11.188	11.234	VV	10873	173247	1.51%	0.127%
261	11.266	11.234	11.278	VV	9303	154014	1.34%	0.113%
262	11.307	11.278	11.340	VV	28062	531343	4.63%	0.389%
263	11.371	11.340	11.394	VV	19973	300983	2.62%	0.220%
264	11.424	11.394	11.447	VV	17638	271028	2.36%	0.198%
265	11.467	11.447	11.487	VV	6117	100819	0.88%	0.074%
266	11.502	11.487	11.511	VV	4345	52048	0.45%	0.038%
267	11.524	11.511	11.544	VV	3964	64033	0.56%	0.047%
268	11.576	11.544	11.590	VV	110759	1259260	10.98%	0.922%
269	11.606	11.590	11.644	VV	149505	1651899	14.40%	1.209%
270	11.692	11.644	11.710	VV	174976	2551400	22.24%	1.868%
271	11.724	11.710	11.737	VV	59399	679936	5.93%	0.498%
272	11.754	11.737	11.785	VV	93294	1134764	9.89%	0.831%
273	11.798	11.785	11.807	VV	2708	28151	0.25%	0.021%
274	11.830	11.807	11.851	VV	6741	117120	1.02%	0.086%
275	11.873	11.851	11.891	VV	6243	110800	0.97%	0.081%
276	11.895	11.891	11.913	VV	4203	48703	0.42%	0.036%
277	11.933	11.913	11.953	VV	15212	206187	1.80%	0.151%
278	11.963	11.953	11.974	VV	7464	81505	0.71%	0.060%
279	11.987	11.974	11.995	VV	6015	70256	0.61%	0.051%
280	12.005	11.995	12.021	VV	6719	88892	0.77%	0.065%
281	12.045	12.021	12.065	VV	65587	766782	6.68%	0.561%
282	12.074	12.065	12.088	VV	7322	87616	0.76%	0.064%
283	12.100	12.088	12.122	VV	7661	122171	1.06%	0.089%
284	12.138	12.122	12.163	VV	11165	166467	1.45%	0.122%
285	12.192	12.163	12.209	VV	11629	194197	1.69%	0.142%
286	12.221	12.209	12.243	VV	5265	89220	0.78%	0.065%
287	12.257	12.243	12.262	VV	3531	38180	0.33%	0.028%
288	12.296	12.262	12.308	VV	14038	221949	1.93%	0.162%
289	12.320	12.308	12.341	VV	13068	167488	1.46%	0.123%
290	12.366	12.341	12.405	VV	28228	534571	4.66%	0.391%
291	12.444	12.405	12.456	VV	20041	438331	3.82%	0.321%
292	12.478	12.456	12.498	VV	55058	801403	6.99%	0.587%
293	12.518	12.498	12.531	VV	24905	421486	3.67%	0.309%
294	12.543	12.531	12.566	VV	25538	413903	3.61%	0.303%
295	12.607	12.566	12.634	VV	917643	11472676	100.00%	8.400%
296	12.654	12.634	12.673	VV	10739	133858	1.17%	0.098%
297	12.692	12.673	12.702	VV	5004	62355	0.54%	0.046%
298	12.728	12.702	12.740	VV	18621	264285	2.30%	0.193%
299	12.755	12.740	12.765	VV	22733	287834	2.51%	0.211%

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300	12.779	12.765	12.794	VV	31299	404662	3.53% 0.296%
301	12.807	12.794	12.820	VV	20480	272006	2.37% 0.199%
302	12.826	12.820	12.866	VV	15622	258192	2.25% 0.189%
303	12.900	12.866	12.921	VV	618611	7186506	62.64% 5.262%
304	12.949	12.921	12.964	VV	102050	1261357	10.99% 0.923%
305	12.981	12.964	13.014	VV	103897	1489233	12.98% 1.090%
306	13.031	13.014	13.044	VV	7040	112413	0.98% 0.082%
307	13.065	13.044	13.083	VV	33512	415334	3.62% 0.304%
308	13.094	13.083	13.120	VV	11729	135814	1.18% 0.099%
309	13.158	13.120	13.201	PV	46132	668349	5.83% 0.489%
310	13.230	13.201	13.258	VV	18008	303138	2.64% 0.222%
311	13.288	13.258	13.305	VV	25741	316017	2.75% 0.231%
312	13.314	13.305	13.327	VV	9368	108239	0.94% 0.079%
313	13.351	13.327	13.379	VV	45585	704035	6.14% 0.515%
314	13.393	13.379	13.418	VV	4352	76180	0.66% 0.056%
315	13.482	13.418	13.519	VV	147875	2226948	19.41% 1.630%
316	13.549	13.519	13.563	VV	13581	209409	1.83% 0.153%
317	13.590	13.563	13.612	VV	128922	1681506	14.66% 1.231%
318	13.629	13.612	13.654	VV	46706	630597	5.50% 0.462%
319	13.669	13.654	13.690	VV	18145	291874	2.54% 0.214%
320	13.737	13.690	13.744	VV	28249	635351	5.54% 0.465%
321	13.758	13.744	13.780	VV	40730	562058	4.90% 0.412%
322	13.799	13.780	13.838	VV	34290	509194	4.44% 0.373%
323	13.873	13.838	13.890	VV	9273	182161	1.59% 0.133%
324	13.907	13.890	13.930	VV	7293	124217	1.08% 0.091%
325	13.963	13.930	13.974	VV	6318	128788	1.12% 0.094%
326	13.982	13.974	14.025	VV	5695	119945	1.05% 0.088%
327	14.058	14.025	14.105	VV	6468	142450	1.24% 0.104%
328	14.120	14.105	14.132	VV	2016	24812	0.22% 0.018%
329	14.179	14.132	14.204	VV	23589	561727	4.90% 0.411%
330	14.216	14.204	14.251	VV	13838	239065	2.08% 0.175%
331	14.287	14.251	14.307	VV	18200	394031	3.43% 0.288%
332	14.319	14.307	14.349	VV	16889	275807	2.40% 0.202%
333	14.355	14.349	14.368	VV	4603	45724	0.40% 0.033%
334	14.395	14.368	14.415	VV	32926	484216	4.22% 0.355%
335	14.424	14.415	14.434	VV	11366	114940	1.00% 0.084%
336	14.457	14.434	14.479	VV	65071	877057	7.64% 0.642%
337	14.500	14.479	14.560	VV	27013	584259	5.09% 0.428%
338	14.583	14.560	14.601	VV	7799	126380	1.10% 0.093%
339	14.633	14.601	14.697	VV	56144	997216	8.69% 0.730%
340	14.723	14.697	14.742	VV	16255	200496	1.75% 0.147%
341	14.773	14.742	14.793	VV	230395	2866782	24.99% 2.099%
342	14.814	14.793	14.843	VV	157637	1920404	16.74% 1.406%
343	14.859	14.843	14.893	VV	6338	122866	1.07% 0.090%
344	14.933	14.893	14.986	VV	58182	999013	8.71% 0.731%
345	15.010	14.986	15.047	VV	10863	189125	1.65% 0.138%
346	15.072	15.047	15.094	VV	18745	284529	2.48% 0.208%
347	15.114	15.094	15.169	VV	13082	337218	2.94% 0.247%
348	15.176	15.169	15.186	VV	3046	27285	0.24% 0.020%
349	15.236	15.186	15.297	VV	12181	429749	3.75% 0.315%
350	15.313	15.297	15.327	VV	2658	34324	0.30% 0.025%
351	15.357	15.327	15.376	VV	7021	137576	1.20% 0.101%

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352	15.402	15.376	15.417	VV	11872	197366	1.72%	0.144%
353	15.443	15.417	15.464	VV	42008	586159	5.11%	0.429%
354	15.482	15.464	15.509	VV	19580	286271	2.50%	0.210%
355	15.528	15.509	15.556	VV	16512	246716	2.15%	0.181%
356	15.603	15.556	15.641	VV	31819	744504	6.49%	0.545%
357	15.680	15.641	15.708	VV	11953	217533	1.90%	0.159%
358	15.721	15.708	15.739	VV	2000	27037	0.24%	0.020%
359	15.766	15.739	15.784	VV	8116	108627	0.95%	0.080%
360	15.801	15.784	15.824	VV	11018	147071	1.28%	0.108%
361	15.859	15.824	15.897	VV	7201	178202	1.55%	0.130%
362	15.918	15.897	15.934	VV	3004	45121	0.39%	0.033%
363	15.940	15.934	15.959	VV	1983	21696	0.19%	0.016%
364	15.972	15.959	15.987	VV	1273	11551	0.10%	0.008%
365	16.046	15.987	16.069	PV	6647	137908	1.20%	0.101%
366	16.082	16.069	16.096	VV	3410	38942	0.34%	0.029%
367	16.115	16.096	16.132	VV	7973	111086	0.97%	0.081%
368	16.150	16.132	16.183	VV	5857	122629	1.07%	0.090%
369	16.249	16.183	16.287	VV	12423	372737	3.25%	0.273%
370	16.333	16.287	16.350	VV	137350	1985541	17.31%	1.454%
371	16.359	16.350	16.392	VV	60301	681029	5.94%	0.499%
372	16.413	16.392	16.427	VV	3615	54834	0.48%	0.040%
373	16.460	16.427	16.482	VV	30870	414377	3.61%	0.303%
374	16.499	16.482	16.538	VV	8370	168572	1.47%	0.123%
375	16.550	16.538	16.563	VV	3664	47407	0.41%	0.035%
376	16.578	16.563	16.592	VV	5152	72182	0.63%	0.053%
377	16.652	16.592	16.680	VV	66479	1329600	11.59%	0.973%
378	16.711	16.680	16.754	VV	94810	1256499	10.95%	0.920%
379	16.811	16.754	16.835	VV	29453	506649	4.42%	0.371%
380	16.855	16.835	16.902	VV	21993	411460	3.59%	0.301%
381	16.959	16.902	16.997	VV	9251	348689	3.04%	0.255%
382	17.016	16.997	17.031	VV	5677	94741	0.83%	0.069%
383	17.072	17.031	17.103	VV	18959	495947	4.32%	0.363%
384	17.118	17.103	17.159	VV	10972	237450	2.07%	0.174%
385	17.174	17.159	17.184	VV	5975	74193	0.65%	0.054%
386	17.209	17.184	17.222	VV	10884	201068	1.75%	0.147%
387	17.231	17.222	17.244	VV	11246	137159	1.20%	0.100%
388	17.256	17.244	17.275	VV	12986	170329	1.48%	0.125%
389	17.296	17.275	17.314	VV	7618	134513	1.17%	0.098%
390	17.327	17.314	17.347	VV	5980	88650	0.77%	0.065%
391	17.368	17.347	17.395	VV	13543	216354	1.89%	0.158%
392	17.402	17.395	17.424	VV	3836	54835	0.48%	0.040%
393	17.430	17.424	17.447	VV	3484	35351	0.31%	0.026%
394	17.482	17.447	17.507	VV	3971	88809	0.77%	0.065%
395	17.549	17.507	17.569	VV	1919	46235	0.40%	0.034%
396	17.596	17.569	17.607	PV	2887	41734	0.36%	0.031%
397	17.612	17.607	17.616	VV	2310	11216	0.10%	0.008%
398	17.696	17.616	17.723	VV	13275	409074	3.57%	0.299%
399	17.743	17.723	17.750	VV	3762	41874	0.36%	0.031%
400	17.786	17.750	17.801	VV	8027	164326	1.43%	0.120%
401	17.805	17.801	17.813	VV	6144	38927	0.34%	0.028%
402	17.844	17.813	17.909	VV	15793	501885	4.37%	0.367%
403	17.925	17.909	17.956	VV	4777	104781	0.91%	0.077%
404	17.988	17.956	18.008	VV	14571	256228	2.23%	0.188%

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405	18.014	18.008	18.033	VV	8635	103810	0.90%	0.076%
406	18.079	18.033	18.100	VV	47723	798114	6.96%	0.584%
407	18.115	18.100	18.145	VV	24448	434581	3.79%	0.318%
408	18.164	18.145	18.185	VV	8001	146324	1.28%	0.107%
409	18.211	18.185	18.230	VV	24700	364230	3.17%	0.267%
410	18.246	18.230	18.304	VV	15919	351317	3.06%	0.257%
411	18.333	18.304	18.362	VV	37648	525253	4.58%	0.385%
412	18.372	18.362	18.381	VV	4927	49391	0.43%	0.036%
413	18.390	18.381	18.399	VV	4192	44868	0.39%	0.033%
414	18.415	18.399	18.437	VV	6763	117401	1.02%	0.086%
415	18.465	18.437	18.491	VV	14923	259771	2.26%	0.190%
416	18.526	18.491	18.549	VV	12213	240518	2.10%	0.176%
417	18.553	18.549	18.577	VV	5257	74776	0.65%	0.055%
418	18.597	18.577	18.602	VV	4584	63644	0.55%	0.047%
419	18.631	18.602	18.658	VV	13872	277889	2.42%	0.203%
420	18.681	18.658	18.707	VV	8789	194101	1.69%	0.142%
421	18.716	18.707	18.739	VV	5171	94048	0.82%	0.069%
422	18.772	18.739	18.788	VV	9140	194708	1.70%	0.143%
423	18.810	18.788	18.826	VV	12262	206079	1.80%	0.151%
424	18.847	18.826	18.864	VV	8457	164756	1.44%	0.121%
425	18.922	18.864	18.987	VV	18901	969961	8.45%	0.710%
426	19.014	18.987	19.037	VV	13931	343547	2.99%	0.252%
427	19.055	19.037	19.089	VV	16068	363780	3.17%	0.266%
428	19.128	19.089	19.134	VV	7612	183021	1.60%	0.134%
429	19.138	19.134	19.145	VV	7357	45284	0.39%	0.033%
430	19.183	19.145	19.212	VV	13857	404567	3.53%	0.296%
431	19.218	19.212	19.244	VV	9144	150063	1.31%	0.110%
432	19.249	19.244	19.254	VV	6979	39191	0.34%	0.029%
433	19.313	19.254	19.328	VV	14418	434388	3.79%	0.318%
434	19.343	19.328	19.357	VV	13498	218187	1.90%	0.160%
435	19.372	19.357	19.396	VV	15119	298619	2.60%	0.219%
436	19.426	19.396	19.452	VV	15787	432299	3.77%	0.317%
437	19.492	19.452	19.524	VV	23440	687174	5.99%	0.503%
438	19.559	19.524	19.584	VV	22112	614562	5.36%	0.450%
439	19.601	19.584	19.628	VV	18595	441857	3.85%	0.323%
440	19.657	19.628	19.714	VV	35819	1146922	10.00%	0.840%
441	19.733	19.714	19.755	VV	16639	387622	3.38%	0.284%
442	19.775	19.755	19.799	VV	16218	387541	3.38%	0.284%
443	19.805	19.799	19.811	VV	14005	100948	0.88%	0.074%
444	19.868	19.811	19.897	VV	26087	991368	8.64%	0.726%
445	19.940	19.897	19.976	VV	21606	943701	8.23%	0.691%
446	19.989	19.976	20.008	VV	22894	418355	3.65%	0.306%
447	20.012	20.008	20.026	VV	20793	222754	1.94%	0.163%
448	20.051	20.026	20.083	VV	23360	702915	6.13%	0.515%
449	20.117	20.083	20.124	VV	21394	497122	4.33%	0.364%
450	20.129	20.124	20.152	VV	21409	350838	3.06%	0.257%
451	20.158	20.152	20.172	VV	21558	259474	2.26%	0.190%
452	20.214	20.172	20.231	VV	23615	786479	6.86%	0.576%
453	20.241	20.231	20.248	VV	22408	228640	1.99%	0.167%
454	20.260	20.248	20.270	VV	23021	292044	2.55%	0.214%
455	20.290	20.270	20.308	VV	22994	514792	4.49%	0.377%
456	20.375	20.308	20.383	VV	25412	1064519	9.28%	0.779%

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457	20.405	20.383	20.447	VV	28739	1002779	8.74%	0.734%
458	20.455	20.447	20.475	VV	23916	401793	3.50%	0.294%
459	20.482	20.475	20.486	VV	22600	140614	1.23%	0.103%
460	20.516	20.486	20.586	VV	25133	1425184	12.42%	1.043%
461	20.592	20.586	20.601	VV	22204	196947	1.72%	0.144%
462	20.606	20.601	20.624	VV	22334	302514	2.64%	0.221%
463	20.637	20.624	20.656	VV	21681	397454	3.46%	0.291%
464	20.661	20.656	20.674	VV	20076	218911	1.91%	0.160%
465	20.681	20.674	20.704	VV	20135	342256	2.98%	0.251%
466	20.712	20.704	20.722	VV	18725	203548	1.77%	0.149%
467	20.729	20.722	20.734	VV	18915	134910	1.18%	0.099%
468	20.739	20.734	20.746	VV	18827	127485	1.11%	0.093%
469	20.774	20.746	20.780	VV	21459	411049	3.58%	0.301%
470	20.783	20.780	20.821	VV	21057	462694	4.03%	0.339%
471	20.834	20.821	20.838	VV	17481	184733	1.61%	0.135%
472	20.858	20.838	20.862	VV	18834	262005	2.28%	0.192%
473	20.869	20.862	20.884	VV	19028	240973	2.10%	0.176%
474	20.916	20.884	20.929	VV	18404	481913	4.20%	0.353%
475	20.934	20.929	20.939	VV	17276	108255	0.94%	0.079%
476	20.955	20.939	20.964	VV	17853	253981	2.21%	0.186%
477	20.969	20.964	20.979	VV	17510	156736	1.37%	0.115%
478	20.985	20.979	20.988	VV	16753	93090	0.81%	0.068%
479	21.014	20.988	21.021	VV	17190	321509	2.80%	0.235%
480	21.039	21.021	21.046	VV	16851	252885	2.20%	0.185%
481	21.050	21.046	21.064	VV	17068	184469	1.61%	0.135%
482	21.067	21.064	21.114	VV	16458	450261	3.92%	0.330%
483	21.119	21.114	21.127	VV	13756	105579	0.92%	0.077%
484	21.135	21.127	21.139	VV	13820	93338	0.81%	0.068%
485	21.144	21.139	21.157	VV	13496	144660	1.26%	0.106%
486	21.165	21.157	21.170	VV	13036	96120	0.84%	0.070%
487	21.200	21.170	21.223	VV	14386	419624	3.66%	0.307%
488	21.232	21.223	21.254	VV	12346	219800	1.92%	0.161%
489	21.259	21.254	21.282	VV	11104	185769	1.62%	0.136%
490	21.287	21.282	21.292	VV	10517	59098	0.52%	0.043%
491	21.314	21.292	21.320	VV	11364	183411	1.60%	0.134%
492	21.323	21.320	21.351	VV	10774	193094	1.68%	0.141%
493	21.356	21.351	21.360	VV	9849	57498	0.50%	0.042%
494	21.365	21.360	21.371	VV	10190	60153	0.52%	0.044%
495	21.374	21.371	21.390	VV	10058	113609	0.99%	0.083%

Sum of corrected areas: 136586414

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