

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032622\
 Data File : FF010180.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2022 05:12
 Sample : N2119-04 10X
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\FF032622.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	2.013	BV	2168	15183	0.06%	0.001%
2	2.017	2.013	2.035	VV	2095	26880	0.10%	0.002%
3	2.038	2.035	2.046	VV	2046	13733	0.05%	0.001%
4	2.051	2.046	2.108	VV	2038	71170	0.26%	0.006%
5	2.113	2.108	2.128	VV	1896	21812	0.08%	0.002%
6	2.151	2.128	2.175	VV	1916	51141	0.19%	0.004%
7	2.187	2.175	2.215	VV	1795	40588	0.15%	0.003%
8	2.219	2.215	2.241	VV	1722	25933	0.09%	0.002%
9	2.245	2.241	2.252	VV	1638	10432	0.04%	0.001%
10	2.257	2.252	2.269	VV	1700	16195	0.06%	0.001%
11	2.282	2.269	2.307	VV	1975	38989	0.14%	0.003%
12	2.310	2.307	2.322	VV	1583	13850	0.05%	0.001%
13	2.334	2.322	2.356	VV	1600	30956	0.11%	0.002%
14	2.359	2.356	2.363	VV	1494	5913	0.02%	0.000%
15	2.366	2.363	2.377	VV	1470	12374	0.04%	0.001%
16	2.381	2.377	2.400	VV	1501	20137	0.07%	0.002%
17	2.414	2.400	2.425	VV	1466	21240	0.08%	0.002%
18	2.434	2.425	2.440	VV	1413	12546	0.05%	0.001%
19	2.442	2.440	2.446	VV	1407	4769	0.02%	0.000%
20	2.452	2.446	2.456	VV	1373	8003	0.03%	0.001%
21	2.462	2.456	2.473	VV	1388	13743	0.05%	0.001%
22	2.493	2.473	2.500	VV	1367	21381	0.08%	0.002%
23	2.506	2.500	2.535	VV	1447	27900	0.10%	0.002%
24	2.551	2.535	2.575	VV	1547	32108	0.12%	0.003%
25	2.579	2.575	2.603	VV	1251	19711	0.07%	0.002%
26	2.607	2.603	2.623	VV	1240	14360	0.05%	0.001%
27	2.641	2.623	2.650	VV	1289	19507	0.07%	0.002%
28	2.654	2.650	2.659	VV	1242	6683	0.02%	0.001%
29	2.667	2.659	2.676	VV	1214	11642	0.04%	0.001%
30	2.681	2.676	2.722	VV	1240	31020	0.11%	0.002%
31	2.737	2.722	2.754	VV	1240	22240	0.08%	0.002%
32	2.758	2.754	2.791	VV	1189	24218	0.09%	0.002%
33	2.794	2.791	2.810	VV	1076	12111	0.04%	0.001%
34	2.824	2.810	2.836	VV	1172	16392	0.06%	0.001%
35	2.844	2.836	2.859	VV	1157	15058	0.05%	0.001%
36	2.864	2.859	2.879	VV	1041	12056	0.04%	0.001%

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37	2.895	2.879	2.915	VV	1108	21903	0.08%	0.002%
38	2.927	2.915	2.949	VV	1087	20583	0.07%	0.002%
39	2.957	2.949	2.978	VV	1043	17461	0.06%	0.001%
40	3.006	2.978	3.024	VV	2133	36430	0.13%	0.003%
41	3.029	3.024	3.040	VV	1038	9616	0.03%	0.001%
42	3.050	3.040	3.080	VV	1077	22775	0.08%	0.002%
43	3.084	3.080	3.099	VV	917	9973	0.04%	0.001%
44	3.105	3.099	3.116	VV	873	8745	0.03%	0.001%
45	3.127	3.116	3.141	VV	936	12768	0.05%	0.001%
46	3.145	3.141	3.180	VV	863	18523	0.07%	0.001%
47	3.184	3.180	3.191	VV	774	4717	0.02%	0.000%
48	3.195	3.191	3.209	VV	784	7899	0.03%	0.001%
49	3.213	3.209	3.229	VV	776	9091	0.03%	0.001%
50	3.235	3.229	3.267	VV	751	15971	0.06%	0.001%
51	3.282	3.267	3.314	VV	796	20632	0.07%	0.002%
52	3.319	3.314	3.331	VV	768	7441	0.03%	0.001%
53	3.342	3.331	3.386	VV	729	20403	0.07%	0.002%
54	3.394	3.386	3.405	VV	673	6793	0.02%	0.001%
55	3.423	3.405	3.435	VV	703	11613	0.04%	0.001%
56	3.445	3.435	3.473	VV	675	13523	0.05%	0.001%
57	3.491	3.473	3.501	VV	648	10016	0.04%	0.001%
58	3.512	3.501	3.530	VV	647	9432	0.03%	0.001%
59	3.534	3.530	3.555	VV	565	7864	0.03%	0.001%
60	3.563	3.555	3.580	VV	648	8569	0.03%	0.001%
61	3.617	3.580	3.628	VV	581	14622	0.05%	0.001%
62	3.637	3.628	3.648	VV	558	6154	0.02%	0.000%
63	3.652	3.648	3.661	VV	520	3751	0.01%	0.000%
64	3.672	3.661	3.732	VV	626	21408	0.08%	0.002%
65	3.745	3.732	3.750	VV	486	4993	0.02%	0.000%
66	3.754	3.750	3.780	VV	543	8536	0.03%	0.001%
67	3.796	3.780	3.810	VV	684	9982	0.04%	0.001%
68	3.820	3.810	3.833	VV	543	6178	0.02%	0.000%
69	3.845	3.833	3.868	VV	520	8969	0.03%	0.001%
70	3.878	3.868	3.881	VV	526	3529	0.01%	0.000%
71	3.885	3.881	3.892	VV	526	2966	0.01%	0.000%
72	3.905	3.892	3.913	VV	483	5267	0.02%	0.000%
73	3.919	3.913	3.939	VV	434	5708	0.02%	0.000%
74	3.976	3.939	3.988	VV	601	13745	0.05%	0.001%
75	3.998	3.988	4.022	VV	537	8620	0.03%	0.001%
76	4.034	4.022	4.054	VV	489	7467	0.03%	0.001%
77	4.067	4.054	4.085	VV	520	7231	0.03%	0.001%
78	4.115	4.085	4.137	VV	1119	22666	0.08%	0.002%
79	4.148	4.137	4.165	VV	900	12509	0.05%	0.001%
80	4.171	4.165	4.188	VV	618	6711	0.02%	0.001%
81	4.194	4.188	4.255	VV	447	14799	0.05%	0.001%
82	4.283	4.255	4.308	VV	441	10810	0.04%	0.001%
83	4.325	4.308	4.339	VV	381	6008	0.02%	0.000%
84	4.346	4.339	4.350	VV	323	1962	0.01%	0.000%
85	4.369	4.350	4.400	VV	902	14612	0.05%	0.001%
86	4.411	4.400	4.432	VV	517	6706	0.02%	0.001%
87	4.444	4.432	4.455	VV	512	5414	0.02%	0.000%
88	4.465	4.455	4.469	VV	338	2663	0.01%	0.000%
89	4.472	4.469	4.485	VV	423	2791	0.01%	0.000%

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90	4.487	4.485	4.500	VV	282	2112	0.01%	0.000%
91	4.522	4.500	4.552	VV	445	9803	0.04%	0.001%
92	4.584	4.552	4.613	VV	861	19606	0.07%	0.002%
93	4.624	4.613	4.639	VV	535	6329	0.02%	0.001%
94	4.655	4.639	4.671	VV	565	7215	0.03%	0.001%
95	4.677	4.671	4.684	VV	249	1897	0.01%	0.000%
96	4.703	4.684	4.712	VV	386	5313	0.02%	0.000%
97	4.722	4.712	4.730	VV	295	2879	0.01%	0.000%
98	4.746	4.730	4.762	VV	466	5650	0.02%	0.000%
99	4.777	4.762	4.805	VV	454	7121	0.03%	0.001%
100	4.808	4.805	4.814	VV	191	891	0.00%	0.000%
101	4.843	4.814	4.867	VV	1198	16089	0.06%	0.001%
102	4.894	4.867	4.907	VV	220	4001	0.01%	0.000%
103	4.927	4.907	4.945	VV	216	3493	0.01%	0.000%
104	4.978	4.945	4.982	PV	330	3040	0.01%	0.000%
105	5.009	4.982	5.040	VV	426	8567	0.03%	0.001%
106	5.062	5.040	5.074	VV	562	6134	0.02%	0.000%
107	5.091	5.074	5.102	VV	1011	10267	0.04%	0.001%
108	5.112	5.102	5.127	VV	647	7200	0.03%	0.001%
109	5.138	5.127	5.159	VV	400	4610	0.02%	0.000%
110	5.175	5.159	5.196	VV	336	5261	0.02%	0.000%
111	5.206	5.196	5.221	VV	393	3868	0.01%	0.000%
112	5.231	5.221	5.238	VV	400	3161	0.01%	0.000%
113	5.241	5.238	5.257	VV	360	3351	0.01%	0.000%
114	5.275	5.257	5.284	VV	793	8974	0.03%	0.001%
115	5.299	5.284	5.317	VV	2533	25499	0.09%	0.002%
116	5.332	5.317	5.336	VV	584	5572	0.02%	0.000%
117	5.353	5.336	5.380	VV	1772	20446	0.07%	0.002%
118	5.407	5.380	5.418	VV	1198	14204	0.05%	0.001%
119	5.432	5.418	5.451	VV	2237	26356	0.10%	0.002%
120	5.468	5.451	5.514	VV	1482	20533	0.07%	0.002%
121	5.532	5.514	5.548	PV	466	5534	0.02%	0.000%
122	5.558	5.548	5.569	VV	206	1663	0.01%	0.000%
123	5.590	5.569	5.630	VV	3483	46519	0.17%	0.004%
124	5.668	5.630	5.679	VV	720	14543	0.05%	0.001%
125	5.705	5.679	5.721	VV	1235	21521	0.08%	0.002%
126	5.743	5.721	5.763	VV	869	12997	0.05%	0.001%
127	5.780	5.763	5.792	VV	1350	14977	0.05%	0.001%
128	5.809	5.792	5.840	VV	1067	19368	0.07%	0.002%
129	5.859	5.840	5.878	PV	716	8472	0.03%	0.001%
130	5.902	5.878	5.907	VV	1242	12560	0.05%	0.001%
131	5.922	5.907	5.944	VV	2976	35395	0.13%	0.003%
132	5.956	5.944	5.972	VV	1220	12622	0.05%	0.001%
133	6.002	5.972	6.019	VV	1854	25725	0.09%	0.002%
134	6.027	6.019	6.033	VV	455	3343	0.01%	0.000%
135	6.055	6.033	6.073	VV	2665	31616	0.11%	0.003%
136	6.101	6.073	6.118	VV	2346	34614	0.13%	0.003%
137	6.142	6.118	6.160	VV	2515	39967	0.14%	0.003%
138	6.197	6.160	6.212	VV	1970	35650	0.13%	0.003%
139	6.224	6.212	6.243	VV	1411	13021	0.05%	0.001%
140	6.264	6.243	6.283	PV	787	12083	0.04%	0.001%
141	6.317	6.283	6.330	VV	2940	52857	0.19%	0.004%

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142	6.343	6.330	6.358	VV	4335	48538	0.18%	0.004%
143	6.365	6.358	6.381	VV	1781	20338	0.07%	0.002%
144	6.387	6.381	6.396	VV	1026	8401	0.03%	0.001%
145	6.404	6.396	6.416	VV	1079	10429	0.04%	0.001%
146	6.442	6.416	6.461	VV	1934	27507	0.10%	0.002%
147	6.481	6.461	6.493	VV	3051	32220	0.12%	0.003%
148	6.500	6.493	6.509	VV	1810	14882	0.05%	0.001%
149	6.539	6.509	6.552	VV	4253	74144	0.27%	0.006%
150	6.563	6.552	6.569	VV	2890	27411	0.10%	0.002%
151	6.582	6.569	6.601	VV	4783	60352	0.22%	0.005%
152	6.610	6.601	6.621	VV	1246	12193	0.04%	0.001%
153	6.652	6.621	6.680	VV	4527	78041	0.28%	0.006%
154	6.716	6.680	6.738	VV	5270	110514	0.40%	0.009%
155	6.756	6.738	6.767	VV	3225	48126	0.17%	0.004%
156	6.788	6.767	6.809	VV	6372	101817	0.37%	0.008%
157	6.826	6.809	6.830	VV	3370	36463	0.13%	0.003%
158	6.852	6.830	6.868	VV	6862	107715	0.39%	0.009%
159	6.887	6.868	6.897	VV	7673	101325	0.37%	0.008%
160	6.911	6.897	6.927	VV	7259	114695	0.42%	0.009%
161	6.949	6.927	6.971	VV	9485	180702	0.65%	0.014%
162	6.981	6.971	6.987	VV	4976	45194	0.16%	0.004%
163	7.008	6.987	7.024	VV	7453	140174	0.51%	0.011%
164	7.043	7.024	7.070	VV	9240	189719	0.69%	0.015%
165	7.091	7.070	7.133	VV	13013	343924	1.25%	0.027%
166	7.145	7.133	7.157	VV	7592	97683	0.35%	0.008%
167	7.191	7.157	7.205	VV	11967	243752	0.88%	0.019%
168	7.218	7.205	7.249	VV	10318	233739	0.85%	0.019%
169	7.293	7.249	7.310	VV	22104	501519	1.82%	0.040%
170	7.323	7.310	7.339	VV	15245	227637	0.82%	0.018%
171	7.353	7.339	7.371	VV	13981	238889	0.87%	0.019%
172	7.383	7.371	7.414	VV	13444	321427	1.16%	0.025%
173	7.444	7.414	7.451	VV	12767	256528	0.93%	0.020%
174	7.489	7.451	7.522	VV	27048	853791	3.09%	0.068%
175	7.538	7.522	7.555	VV	14738	258112	0.94%	0.020%
176	7.574	7.555	7.578	VV	17820	210587	0.76%	0.017%
177	7.604	7.578	7.631	VV	38420	797947	2.89%	0.063%
178	7.648	7.631	7.672	VV	20119	449979	1.63%	0.036%
179	7.694	7.672	7.715	VV	22189	484878	1.76%	0.038%
180	7.745	7.715	7.763	VV	39971	827968	3.00%	0.066%
181	7.791	7.763	7.809	VV	32161	750637	2.72%	0.059%
182	7.825	7.809	7.839	VV	28402	464401	1.68%	0.037%
183	7.884	7.839	7.902	VV	38599	1209971	4.38%	0.096%
184	7.923	7.902	7.963	VV	68974	1605294	5.82%	0.127%
185	8.003	7.963	8.018	VV	52644	1432965	5.19%	0.114%
186	8.027	8.018	8.043	VV	46660	647099	2.34%	0.051%
187	8.068	8.043	8.092	VV	54172	1335809	4.84%	0.106%
188	8.109	8.092	8.126	VV	51362	941593	3.41%	0.075%
189	8.136	8.126	8.145	VV	46816	537821	1.95%	0.043%
190	8.172	8.145	8.186	VV	59617	1304757	4.73%	0.103%
191	8.197	8.186	8.213	VV	55013	857149	3.11%	0.068%
192	8.224	8.213	8.238	VV	56076	817276	2.96%	0.065%
193	8.265	8.238	8.279	VV	64762	1460006	5.29%	0.116%
194	8.284	8.279	8.298	VV	61762	673739	2.44%	0.053%

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195	8.314	8.298	8.326	VV	84506	1226864	4.45%	0.097%
196	8.347	8.326	8.386	VV	191270	3849598	13.95%	0.305%
197	8.405	8.386	8.421	VV	90554	1606328	5.82%	0.127%
198	8.438	8.421	8.464	VV	89372	2159399	7.82%	0.171%
199	8.473	8.464	8.501	VV	84222	1630956	5.91%	0.129%
200	8.537	8.501	8.552	VV	82993	2319413	8.40%	0.184%
201	8.577	8.552	8.598	VV	140734	2971822	10.77%	0.235%
202	8.644	8.598	8.666	VV	249887	5535654	20.06%	0.439%
203	8.683	8.666	8.691	VV	133884	1826942	6.62%	0.145%
204	8.708	8.691	8.742	VV	210963	4667025	16.91%	0.370%
205	8.755	8.742	8.774	VV	116668	2108047	7.64%	0.167%
206	8.808	8.774	8.823	VV	150967	3802666	13.78%	0.301%
207	8.839	8.823	8.856	VV	146546	2645020	9.58%	0.210%
208	8.872	8.856	8.894	VV	145695	3064934	11.11%	0.243%
209	8.931	8.894	8.963	VV	178377	5974834	21.65%	0.473%
210	8.977	8.963	8.991	VV	161646	2485382	9.01%	0.197%
211	9.000	8.991	9.012	VV	146698	1836142	6.65%	0.145%
212	9.025	9.012	9.032	VV	140544	1638382	5.94%	0.130%
213	9.051	9.032	9.066	VV	162444	3049705	11.05%	0.242%
214	9.095	9.066	9.125	VV	171007	5618187	20.36%	0.445%
215	9.159	9.125	9.183	VV	165924	5416999	19.63%	0.429%
216	9.189	9.183	9.195	VV	145784	1071329	3.88%	0.085%
217	9.220	9.195	9.229	VV	184633	3355074	12.16%	0.266%
218	9.238	9.229	9.279	VV	186019	5398875	19.56%	0.428%
219	9.296	9.279	9.304	VV	213655	2939856	10.65%	0.233%
220	9.321	9.304	9.351	VV	247730	6080736	22.03%	0.482%
221	9.403	9.351	9.431	VV	381175	11779941	42.68%	0.933%
222	9.461	9.431	9.508	VV	272436	10625785	38.50%	0.842%
223	9.548	9.508	9.594	VV	253929	11633530	42.15%	0.922%
224	9.624	9.594	9.650	VV	238201	7539839	27.32%	0.597%
225	9.674	9.650	9.683	VV	228836	4423657	16.03%	0.350%
226	9.702	9.683	9.720	VV	251234	5344176	19.36%	0.423%
227	9.755	9.720	9.778	VV	279424	8887901	32.20%	0.704%
228	9.799	9.778	9.823	VV	268309	6867219	24.88%	0.544%
229	9.847	9.823	9.860	VV	267330	5755577	20.85%	0.456%
230	9.896	9.860	9.939	VV	291554	12750301	46.20%	1.010%
231	9.966	9.939	9.995	VV	301118	9317221	33.76%	0.738%
232	10.027	9.995	10.049	VV	296345	9343735	33.86%	0.740%
233	10.065	10.049	10.084	VV	301685	6134676	22.23%	0.486%
234	10.108	10.084	10.119	VV	308260	6301031	22.83%	0.499%
235	10.129	10.119	10.135	VV	308065	3019307	10.94%	0.239%
236	10.144	10.135	10.153	VV	310992	3294379	11.94%	0.261%
237	10.184	10.153	10.207	VV	472680	12285753	44.52%	0.973%
238	10.224	10.207	10.228	VV	350690	4470745	16.20%	0.354%
239	10.262	10.228	10.294	VV	381297	14155568	51.29%	1.122%
240	10.307	10.294	10.315	VV	355829	4351574	15.77%	0.345%
241	10.333	10.315	10.354	VV	387995	8192063	29.68%	0.649%
242	10.379	10.354	10.409	VV	359847	11318718	41.01%	0.897%
243	10.439	10.409	10.454	VV	381376	9909504	35.91%	0.785%
244	10.467	10.454	10.491	VV	392339	8227590	29.81%	0.652%
245	10.513	10.491	10.518	VV	380756	5737076	20.79%	0.455%
246	10.555	10.518	10.573	VV	427000	13339893	48.34%	1.057%

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247	10.611	10.573	10.634	VV	709728	19053742	69.04%	1.510%
248	10.652	10.634	10.691	VV	446530	14358445	52.03%	1.138%
249	10.699	10.691	10.715	VV	394281	5755393	20.85%	0.456%
250	10.736	10.715	10.756	VV	430964	9939360	36.01%	0.788%
251	10.782	10.756	10.802	VV	437309	11854988	42.96%	0.939%
252	10.813	10.802	10.839	VV	439521	9312061	33.74%	0.738%
253	10.867	10.839	10.894	VV	444154	14039340	50.87%	1.112%
254	10.928	10.894	10.946	VV	470766	14067866	50.97%	1.115%
255	10.951	10.946	10.984	VV	450411	9912059	35.92%	0.785%
256	11.022	10.984	11.052	VV	495419	18720110	67.83%	1.483%
257	11.074	11.052	11.085	VV	482491	9349103	33.88%	0.741%
258	11.102	11.085	11.122	VV	494753	10524406	38.13%	0.834%
259	11.135	11.122	11.141	VV	474276	5299930	19.20%	0.420%
260	11.144	11.141	11.155	VV	470740	3885938	14.08%	0.308%
261	11.181	11.155	11.188	VV	487738	9327134	33.80%	0.739%
262	11.214	11.188	11.231	VV	501295	12912788	46.79%	1.023%
263	11.236	11.231	11.251	VV	488312	5602188	20.30%	0.444%
264	11.267	11.251	11.282	VV	486466	8803486	31.90%	0.698%
265	11.292	11.282	11.300	VV	462637	4974687	18.03%	0.394%
266	11.335	11.300	11.372	VV	714496	23824175	86.33%	1.888%
267	11.393	11.372	11.423	VV	490285	14451163	52.36%	1.145%
268	11.445	11.423	11.464	VV	487879	11701191	42.40%	0.927%
269	11.478	11.464	11.496	VV	482471	9004738	32.63%	0.713%
270	11.539	11.496	11.591	VV	511993	27598091	100.00%	2.187%
271	11.615	11.591	11.666	VV	517422	21851649	79.18%	1.731%
272	11.709	11.666	11.724	VV	527567	17200813	62.33%	1.363%
273	11.745	11.724	11.777	VV	540662	16658824	60.36%	1.320%
274	11.795	11.777	11.810	VV	524731	10134051	36.72%	0.803%
275	11.817	11.810	11.838	VV	508369	8165893	29.59%	0.647%
276	11.863	11.838	11.871	VV	524265	9983461	36.17%	0.791%
277	11.894	11.871	11.924	VV	600652	17114299	62.01%	1.356%
278	11.934	11.924	11.961	VV	502181	10482230	37.98%	0.831%
279	11.986	11.961	11.997	VV	468843	9909110	35.91%	0.785%
280	12.021	11.997	12.033	VV	505353	10509336	38.08%	0.833%
281	12.038	12.033	12.089	VV	499178	16071362	58.23%	1.273%
282	12.114	12.089	12.125	VV	472512	9780811	35.44%	0.775%
283	12.140	12.125	12.159	VV	477635	9618418	34.85%	0.762%
284	12.172	12.159	12.192	VV	464214	9080745	32.90%	0.719%
285	12.225	12.192	12.258	VV	466695	17760390	64.35%	1.407%
286	12.278	12.258	12.294	VV	451558	9516997	34.48%	0.754%
287	12.307	12.294	12.326	VV	454278	8533870	30.92%	0.676%
288	12.337	12.326	12.368	VV	444681	10968530	39.74%	0.869%
289	12.409	12.368	12.447	VV	454035	20405236	73.94%	1.617%
290	12.470	12.447	12.493	VV	453422	11919192	43.19%	0.944%
291	12.498	12.493	12.534	VV	430021	10303812	37.34%	0.816%
292	12.554	12.534	12.586	VV	430088	12941392	46.89%	1.025%
293	12.603	12.586	12.624	VV	407918	9051032	32.80%	0.717%
294	12.665	12.624	12.683	VV	409612	14044085	50.89%	1.113%
295	12.691	12.683	12.725	VV	393289	9566250	34.66%	0.758%
296	12.744	12.725	12.756	VV	375161	6775602	24.55%	0.537%
297	12.760	12.756	12.766	VV	362886	2092056	7.58%	0.166%
298	12.778	12.766	12.798	VV	366267	7051779	25.55%	0.559%
299	12.823	12.798	12.844	VV	364583	9706661	35.17%	0.769%

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300	12.851	12.844	12.857	VV	352778	2660436	9.64%	0.211%
301	12.877	12.857	12.899	VV	360170	8903372	32.26%	0.705%
302	12.906	12.899	12.911	VV	348657	2455805	8.90%	0.195%
303	12.915	12.911	12.938	VV	342914	5451854	19.75%	0.432%
304	12.944	12.938	12.952	VV	341328	2926648	10.60%	0.232%
305	12.966	12.952	12.992	VV	346829	8243541	29.87%	0.653%
306	13.009	12.992	13.027	VV	344217	6929919	25.11%	0.549%
307	13.046	13.027	13.085	VV	369159	12063713	43.71%	0.956%
308	13.093	13.085	13.152	VV	330042	12630031	45.76%	1.001%
309	13.168	13.152	13.191	VV	304936	6857890	24.85%	0.543%
310	13.211	13.191	13.231	VV	310661	7208858	26.12%	0.571%
311	13.236	13.231	13.254	VV	293214	3948754	14.31%	0.313%
312	13.262	13.254	13.282	VV	291961	4893505	17.73%	0.388%
313	13.299	13.282	13.315	VV	287965	5621001	20.37%	0.445%
314	13.330	13.315	13.355	VV	289793	6620677	23.99%	0.525%
315	13.384	13.355	13.415	VV	295587	10073277	36.50%	0.798%
316	13.428	13.415	13.458	VV	279156	6966099	25.24%	0.552%
317	13.478	13.458	13.524	VV	269039	10122392	36.68%	0.802%
318	13.537	13.524	13.541	VV	248171	2435857	8.83%	0.193%
319	13.544	13.541	13.548	VV	246146	954136	3.46%	0.076%
320	13.550	13.548	13.559	VV	245281	1679310	6.08%	0.133%
321	13.579	13.559	13.586	VV	248192	3954707	14.33%	0.313%
322	13.602	13.586	13.626	VV	256512	5921357	21.46%	0.469%
323	13.652	13.626	13.717	VV	244905	12429095	45.04%	0.985%
324	13.738	13.717	13.768	VV	216509	6465328	23.43%	0.512%
325	13.775	13.768	13.791	VV	207417	2780456	10.07%	0.220%
326	13.801	13.791	13.819	VV	207280	3403331	12.33%	0.270%
327	13.824	13.819	13.847	VV	199955	3379301	12.24%	0.268%
328	13.852	13.847	13.857	VV	195774	1151400	4.17%	0.091%
329	13.886	13.857	13.934	VV	205125	9013851	32.66%	0.714%
330	13.939	13.934	13.946	VV	186103	1269221	4.60%	0.101%
331	13.976	13.946	14.012	VV	203912	7567475	27.42%	0.600%
332	14.032	14.012	14.094	VV	183407	8481222	30.73%	0.672%
333	14.127	14.094	14.175	VV	168154	7751474	28.09%	0.614%
334	14.182	14.175	14.244	VV	150043	6015786	21.80%	0.477%
335	14.257	14.244	14.285	VV	146853	3475349	12.59%	0.275%
336	14.290	14.285	14.353	VV	133839	5308365	19.23%	0.421%
337	14.374	14.353	14.390	VV	131842	2908258	10.54%	0.230%
338	14.398	14.390	14.413	VV	132063	1741469	6.31%	0.138%
339	14.431	14.413	14.511	VV	135558	7235014	26.22%	0.573%
340	14.515	14.511	14.520	VV	109085	602212	2.18%	0.048%
341	14.527	14.520	14.537	VV	110173	1113364	4.03%	0.088%
342	14.556	14.537	14.625	VV	111954	5496498	19.92%	0.435%
343	14.641	14.625	14.679	VV	101414	3095403	11.22%	0.245%
344	14.687	14.679	14.716	VV	92294	1976912	7.16%	0.157%
345	14.740	14.716	14.807	VV	92034	4584249	16.61%	0.363%
346	14.820	14.807	14.827	VV	76086	891606	3.23%	0.071%
347	14.836	14.827	14.851	VV	77318	1080270	3.91%	0.086%
348	14.868	14.851	14.876	VV	77544	1151880	4.17%	0.091%
349	14.881	14.876	14.892	VV	76833	745710	2.70%	0.059%
350	14.897	14.892	14.926	VV	75278	1435048	5.20%	0.114%
351	14.933	14.926	14.946	VV	69971	826866	3.00%	0.066%

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352	14.950	14.946	14.958	VV	68124	481443	1.74%	0.038%
353	14.982	14.958	15.027	VV	75633	2787880	10.10%	0.221%
354	15.034	15.027	15.040	VV	58955	458570	1.66%	0.036%
355	15.046	15.040	15.062	VV	59330	761888	2.76%	0.060%
356	15.068	15.062	15.072	VV	56281	309128	1.12%	0.024%
357	15.089	15.072	15.142	VV	58366	2324266	8.42%	0.184%
358	15.149	15.142	15.207	VV	52413	1954012	7.08%	0.155%
359	15.214	15.207	15.236	VV	47300	785654	2.85%	0.062%
360	15.240	15.236	15.249	VV	44668	346774	1.26%	0.027%
361	15.280	15.249	15.303	VV	45743	1423653	5.16%	0.113%
362	15.316	15.303	15.322	VV	42267	466566	1.69%	0.037%
363	15.323	15.322	15.347	VV	41619	609731	2.21%	0.048%
364	15.363	15.347	15.370	VV	41081	574634	2.08%	0.046%
365	15.382	15.370	15.492	VV	41382	2655597	9.62%	0.210%
366	15.501	15.492	15.523	VV	32680	581741	2.11%	0.046%
367	15.528	15.523	15.576	VV	29340	865610	3.14%	0.069%
368	15.587	15.576	15.603	VV	27600	431658	1.56%	0.034%
369	15.611	15.603	15.654	VV	26360	765781	2.77%	0.061%
370	15.677	15.654	15.737	VV	26775	1192871	4.32%	0.095%
371	15.745	15.737	15.795	VV	20111	642636	2.33%	0.051%
372	15.823	15.795	15.842	VV	18336	510220	1.85%	0.040%
373	15.848	15.842	15.852	VV	17530	102025	0.37%	0.008%
374	15.858	15.852	15.860	VV	17525	83451	0.30%	0.007%
375	15.871	15.860	15.880	VV	18302	205737	0.75%	0.016%
376	15.900	15.880	15.941	VV	18846	615654	2.23%	0.049%
377	15.951	15.941	15.956	VV	15225	134335	0.49%	0.011%
378	15.960	15.956	15.967	VV	15146	101062	0.37%	0.008%
379	15.969	15.967	15.976	VV	14284	68314	0.25%	0.005%
380	15.982	15.976	15.992	VV	14492	134929	0.49%	0.011%
381	16.004	15.992	16.009	VV	14725	147105	0.53%	0.012%
382	16.015	16.009	16.026	VV	14558	148883	0.54%	0.012%
383	16.059	16.026	16.122	VV	15682	775309	2.81%	0.061%
384	16.129	16.122	16.138	VV	11393	106559	0.39%	0.008%
385	16.189	16.138	16.213	VV	23730	678401	2.46%	0.054%
386	16.231	16.213	16.285	VV	11396	389620	1.41%	0.031%
387	16.324	16.285	16.346	VV	7248	245923	0.89%	0.019%
388	16.352	16.346	16.386	VV	6899	136105	0.49%	0.011%
389	16.390	16.386	16.410	VV	4611	61789	0.22%	0.005%
390	16.416	16.410	16.422	VV	4039	27966	0.10%	0.002%
391	16.469	16.422	16.482	VV	4912	152564	0.55%	0.012%
392	16.501	16.482	16.506	VV	4390	57707	0.21%	0.005%
393	16.512	16.506	16.529	VV	3939	53239	0.19%	0.004%
394	16.563	16.529	16.571	VV	4029	94629	0.34%	0.007%
395	16.580	16.571	16.599	VV	4086	61669	0.22%	0.005%
396	16.608	16.599	16.614	VV	3281	28005	0.10%	0.002%
397	16.622	16.614	16.641	VV	3602	50143	0.18%	0.004%
398	16.660	16.641	16.693	VV	4351	116155	0.42%	0.009%
399	16.707	16.693	16.731	VV	3771	70666	0.26%	0.006%
400	16.746	16.731	16.751	VV	2787	30610	0.11%	0.002%
401	16.756	16.751	16.767	VV	2575	23465	0.09%	0.002%
402	16.774	16.767	16.781	VV	2228	17215	0.06%	0.001%
403	16.815	16.781	16.824	VV	3332	73392	0.27%	0.006%
404	16.837	16.824	16.861	VV	3551	63250	0.23%	0.005%

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405	16.863	16.861	16.889	VV	2185	23010	0.08%	0.002%
406	16.894	16.889	16.901	VV	867	5339	0.02%	0.000%
407	16.939	16.901	16.968	VV	1849	41706	0.15%	0.003%
408	16.978	16.968	16.987	VV	902	7798	0.03%	0.001%
409	17.061	16.987	17.107	VV	4936	208353	0.75%	0.017%
410	17.141	17.107	17.159	VV	4133	111678	0.40%	0.009%
411	17.174	17.159	17.207	VV	3650	90049	0.33%	0.007%
412	17.213	17.207	17.216	VV	2529	13157	0.05%	0.001%
413	17.232	17.216	17.289	VV	3013	68690	0.25%	0.005%
414	17.296	17.289	17.301	VV	434	2746	0.01%	0.000%
415	17.309	17.301	17.318	VV	783	4493	0.02%	0.000%
416	17.339	17.318	17.347	PV	923	8866	0.03%	0.001%
417	17.379	17.347	17.410	VV	2071	41308	0.15%	0.003%
418	17.428	17.410	17.449	VV	734	9819	0.04%	0.001%
419	17.482	17.449	17.487	PV	1344	17532	0.06%	0.001%
420	17.501	17.487	17.511	VV	1762	21609	0.08%	0.002%
421	17.530	17.511	17.544	VV	2711	42789	0.16%	0.003%
422	17.549	17.544	17.557	VV	2433	17743	0.06%	0.001%
423	17.564	17.557	17.584	VV	2688	35478	0.13%	0.003%
424	17.594	17.584	17.601	VV	2275	19328	0.07%	0.002%
425	17.628	17.601	17.646	VV	2405	54225	0.20%	0.004%
426	17.651	17.646	17.662	VV	1564	14328	0.05%	0.001%
427	17.703	17.662	17.734	VV	2548	60651	0.22%	0.005%
428	17.753	17.734	17.763	PV	1236	14727	0.05%	0.001%
429	17.774	17.763	17.779	VV	522	4897	0.02%	0.000%
430	17.828	17.779	17.833	VV	1508	28492	0.10%	0.002%
431	17.853	17.833	17.864	VV	3330	44451	0.16%	0.004%
432	17.887	17.864	17.909	VV	2664	59037	0.21%	0.005%
433	17.937	17.909	17.947	VV	2549	48399	0.18%	0.004%
434	17.956	17.947	17.965	VV	2513	24286	0.09%	0.002%
435	18.028	17.965	18.040	VV	5587	176067	0.64%	0.014%
436	18.054	18.040	18.068	VV	5107	82525	0.30%	0.007%
437	18.076	18.068	18.106	VV	4841	92087	0.33%	0.007%
438	18.113	18.106	18.119	VV	3360	24136	0.09%	0.002%
439	18.132	18.119	18.144	VV	3098	40006	0.14%	0.003%
440	18.151	18.144	18.157	VV	2270	16597	0.06%	0.001%
441	18.186	18.157	18.194	VV	3375	64655	0.23%	0.005%
442	18.218	18.194	18.232	VV	5909	110460	0.40%	0.009%
443	18.255	18.232	18.262	VV	6142	91321	0.33%	0.007%
444	18.273	18.262	18.282	VV	6763	75619	0.27%	0.006%
445	18.332	18.282	18.344	VV	9434	279363	1.01%	0.022%
446	18.350	18.344	18.364	VV	8688	96677	0.35%	0.008%
447	18.368	18.364	18.372	VV	8062	36177	0.13%	0.003%
448	18.384	18.372	18.395	VV	8208	107914	0.39%	0.009%
449	18.400	18.395	18.412	VV	7660	75969	0.28%	0.006%
450	18.427	18.412	18.436	VV	8097	103900	0.38%	0.008%
451	18.446	18.436	18.456	VV	8124	92329	0.33%	0.007%
452	18.462	18.456	18.471	VV	8226	70572	0.26%	0.006%
453	18.477	18.471	18.487	VV	7657	71571	0.26%	0.006%
454	18.537	18.487	18.581	VV	12463	528787	1.92%	0.042%
455	18.588	18.581	18.602	VV	7611	92249	0.33%	0.007%
456	18.607	18.602	18.627	VV	6904	98645	0.36%	0.008%

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457	18.644	18.627	18.669	VV	6746	139476	0.51%	0.011%
458	18.695	18.669	18.717	VV	5734	138349	0.50%	0.011%
459	18.725	18.717	18.748	VV	4786	80129	0.29%	0.006%
460	18.766	18.748	18.783	VV	4543	84868	0.31%	0.007%
461	18.801	18.783	18.811	VV	4927	68343	0.25%	0.005%
462	18.820	18.811	18.833	VV	4770	58654	0.21%	0.005%
463	18.847	18.833	18.854	VV	5590	62606	0.23%	0.005%
464	18.890	18.854	18.898	VV	8232	173290	0.63%	0.014%
465	18.944	18.898	18.957	VV	10086	311184	1.13%	0.025%
466	18.963	18.957	18.965	VV	9556	49700	0.18%	0.004%
467	19.001	18.965	19.005	VV	11209	248182	0.90%	0.020%
468	19.027	19.005	19.035	VV	12523	213939	0.78%	0.017%
469	19.040	19.035	19.066	VV	12320	204560	0.74%	0.016%
470	19.075	19.066	19.079	VV	9659	76505	0.28%	0.006%
471	19.084	19.079	19.096	VV	9472	88233	0.32%	0.007%
472	19.100	19.096	19.107	VV	8259	53784	0.19%	0.004%
473	19.122	19.107	19.140	VV	8482	157727	0.57%	0.012%
474	19.149	19.140	19.160	VV	8184	86441	0.31%	0.007%
475	19.172	19.160	19.179	VV	7002	77011	0.28%	0.006%
476	19.200	19.179	19.210	VV	7879	133532	0.48%	0.011%
477	19.265	19.210	19.271	VV	11925	372357	1.35%	0.030%
478	19.285	19.271	19.296	VV	12755	184369	0.67%	0.015%
479	19.307	19.296	19.314	VV	13479	137708	0.50%	0.011%
480	19.320	19.314	19.341	VV	13580	212263	0.77%	0.017%
481	19.354	19.341	19.365	VV	13509	176593	0.64%	0.014%
482	19.374	19.365	19.390	VV	13278	199931	0.72%	0.016%
483	19.397	19.390	19.428	VV	13594	290199	1.05%	0.023%
484	19.457	19.428	19.461	VV	12718	237419	0.86%	0.019%
485	19.540	19.461	19.587	VV	19338	1265251	4.58%	0.100%
486	19.596	19.587	19.610	VV	16170	215389	0.78%	0.017%
487	19.617	19.610	19.623	VV	16077	116829	0.42%	0.009%
488	19.627	19.623	19.633	VV	15860	95704	0.35%	0.008%
489	19.670	19.633	19.678	VV	18660	456671	1.65%	0.036%
490	19.687	19.678	19.695	VV	20311	189160	0.69%	0.015%
491	19.708	19.695	19.713	VV	21645	217289	0.79%	0.017%
492	19.724	19.713	19.729	VV	22007	207542	0.75%	0.016%
493	19.741	19.729	19.751	VV	23005	302286	1.10%	0.024%
494	19.821	19.751	19.857	VV	36036	1882004	6.82%	0.149%
495	19.862	19.857	19.871	VV	22650	185814	0.67%	0.015%
496	19.875	19.871	19.892	VV	21825	259738	0.94%	0.021%
497	19.925	19.892	19.929	VV	23517	470322	1.70%	0.037%
498	19.934	19.929	19.939	VV	23335	144214	0.52%	0.011%
499	19.944	19.939	19.959	VV	23357	265613	0.96%	0.021%
500	19.968	19.959	19.979	VV	21957	257483	0.93%	0.020%
501	19.988	19.979	19.999	VV	20818	244826	0.89%	0.019%
502	20.016	19.999	20.027	VV	23025	363972	1.32%	0.029%
503	20.065	20.027	20.069	VV	25981	591970	2.14%	0.047%
504	20.080	20.069	20.087	VV	26721	279803	1.01%	0.022%
505	20.137	20.087	20.141	VV	34480	1024568	3.71%	0.081%
506	20.144	20.141	20.205	VV	34167	1103069	4.00%	0.087%
507	20.226	20.205	20.237	VV	26383	498147	1.81%	0.039%
508	20.244	20.237	20.256	VV	26829	307703	1.11%	0.024%
509	20.264	20.256	20.285	VV	27027	460758	1.67%	0.037%

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510	20.292	20.285	20.301	VV	26849	242901	0.88%	0.019%
511	20.358	20.301	20.364	VV	33009	1117380	4.05%	0.089%
512	20.372	20.364	20.381	VV	33277	334709	1.21%	0.027%
513	20.401	20.381	20.409	VV	34831	577704	2.09%	0.046%
514	20.418	20.409	20.429	VV	34050	403185	1.46%	0.032%
515	20.434	20.429	20.452	VV	31431	408691	1.48%	0.032%
516	20.457	20.452	20.486	VV	29369	570124	2.07%	0.045%
517	20.510	20.486	20.516	VV	28410	492495	1.78%	0.039%
518	20.519	20.516	20.527	VV	28162	181349	0.66%	0.014%
519	20.540	20.527	20.545	VV	27736	300765	1.09%	0.024%
520	20.561	20.545	20.574	VV	29356	497098	1.80%	0.039%
521	20.600	20.574	20.609	VV	28775	591447	2.14%	0.047%
522	20.614	20.609	20.621	VV	27518	195079	0.71%	0.015%
523	20.626	20.621	20.629	VV	27104	123096	0.45%	0.010%
524	20.634	20.629	20.651	VV	27448	350388	1.27%	0.028%
525	20.658	20.651	20.666	VV	27247	240453	0.87%	0.019%
526	20.670	20.666	20.684	VV	27092	291419	1.06%	0.023%
527	20.700	20.684	20.724	VV	27405	648597	2.35%	0.051%
528	20.729	20.724	20.811	VV	25446	1153303	4.18%	0.091%
529	20.818	20.811	20.823	VV	18975	130902	0.47%	0.010%
530	20.884	20.823	20.913	VV	25380	1222845	4.43%	0.097%
531	20.917	20.913	20.927	VV	23458	200378	0.73%	0.016%
532	20.932	20.927	20.946	VV	22690	242140	0.88%	0.019%
533	20.956	20.946	20.960	VV	22340	192406	0.70%	0.015%
534	20.966	20.960	20.973	VV	22481	168248	0.61%	0.013%
535	20.977	20.973	21.000	VV	21453	327189	1.19%	0.026%
536	21.008	21.000	21.012	VV	19732	130050	0.47%	0.010%
537	21.026	21.012	21.034	VV	20454	267295	0.97%	0.021%
538	21.037	21.034	21.043	VV	19909	110431	0.40%	0.009%
539	21.050	21.043	21.054	VV	19780	125734	0.46%	0.010%
540	21.081	21.054	21.089	VV	22822	461510	1.67%	0.037%
541	21.095	21.089	21.109	VV	22854	257493	0.93%	0.020%
542	21.123	21.109	21.129	VV	23358	275894	1.00%	0.022%
543	21.147	21.129	21.181	VV	24147	685081	2.48%	0.054%
544	21.245	21.181	21.376	VV	29919	2253686	8.17%	0.179%
545	21.411	21.376	21.422	VV	14087	324616	1.18%	0.026%
546	21.457	21.422	21.497	VV	17142	617202	2.24%	0.049%
547	21.538	21.497	21.582	VV	23569	764835	2.77%	0.061%
548	21.618	21.582	21.646	VV	24225	625140	2.27%	0.050%
549	21.666	21.646	21.694	VV	14995	379214	1.37%	0.030%
550	21.717	21.694	21.744	VV	15908	393790	1.43%	0.031%
551	21.755	21.744	21.801	VBA	10580	253753	0.92%	0.020%
					Sum of corrected areas:	1262112804		

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