

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092520\
 Data File : FE032817.D
 Signal(s) : FID1B.CH
 Acq On : 25 Sep 2020 14:37
 Sample : L4148-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\FE091420.M
 Title :

Signal : FID1B.CH

peak #	R.T. min	Start min	End min	PK TY	peak height	peak area	peak % max.	% of total
1	2.361	2.322	2.498	BH	515416	5221399	22.35%	0.378%
2	2.504	2.498	2.520	PH	-3727	-53095	-0.23%	-0.004%
3	2.546	2.520	2.582	PH	-1868	-125253	-0.54%	-0.009%
4	2.596	2.582	2.614	PH	-2531	-60869	-0.26%	-0.004%
5	2.627	2.614	2.644	PH	-1907	-61928	-0.27%	-0.004%
6	2.649	2.644	2.672	PH	-4502	-86629	-0.37%	-0.006%
7	2.681	2.672	2.689	PH	-5880	-59988	-0.26%	-0.004%
8	2.701	2.689	2.710	PH	-5393	-73109	-0.31%	-0.005%
9	2.727	2.710	2.771	PH	-3768	-198214	-0.85%	-0.014%
10	2.779	2.771	2.790	PH	-6645	-75807	-0.32%	-0.005%
11	2.819	2.790	2.839	PH	-855	-116990	-0.50%	-0.008%
12	2.843	2.839	2.888	PH	-3059	-160665	-0.69%	-0.012%
13	2.909	2.888	2.951	PH	-1959	-169680	-0.73%	-0.012%
14	2.970	2.951	2.980	PH	-4903	-91974	-0.39%	-0.007%
15	2.990	2.980	3.035	PH	-4838	-196554	-0.84%	-0.014%
16	3.083	3.035	3.224	PH	151242	2924273	12.52%	0.212%
17	3.231	3.224	3.240	PH	-4286	-43256	-0.19%	-0.003%
18	3.260	3.240	3.288	PH	-1546	-87498	-0.37%	-0.006%
19	3.291	3.288	3.299	PH	-4209	-27322	-0.12%	-0.002%
20	3.311	3.299	3.336	PH	2612	-22931	-0.10%	-0.002%
21	3.357	3.336	3.401	PH	-844	-167491	-0.72%	-0.012%
22	3.415	3.401	3.447	PH	-7185	-212997	-0.91%	-0.015%
23	3.466	3.447	3.479	PH	-8140	-161432	-0.69%	-0.012%
24	3.486	3.479	3.499	PH	-8431	-103644	-0.44%	-0.008%
25	3.504	3.499	3.539	PH	-8599	-212111	-0.91%	-0.015%
26	3.580	3.539	3.610	PH	-7703	-364629	-1.56%	-0.026%
27	3.628	3.610	3.635	PH	-8266	-126891	-0.54%	-0.009%
28	3.649	3.635	3.658	PH	-7712	-109733	-0.47%	-0.008%
29	3.690	3.658	3.718	PH	-4763	-217772	-0.93%	-0.016%
30	3.752	3.718	3.823	PH	-3188	-366377	-1.57%	-0.027%
31	3.835	3.823	3.842	PH	-7903	-90639	-0.39%	-0.007%
32	3.858	3.842	3.868	PH	-4906	-93095	-0.40%	-0.007%
33	3.875	3.868	3.915	PH	-5199	-192214	-0.82%	-0.014%
34	3.939	3.915	3.992	PH	-7690	-410139	-1.76%	-0.030%
35	4.042	3.992	4.088	PH	26070	125476	0.54%	0.009%
36	4.125	4.088	4.151	PH	12529	72237	0.31%	0.005%

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37	4.178	4.151	4.200	PH	233105	2989322	12.79%	0.217%
38	4.209	4.200	4.256	HH	78475	1161375	4.97%	0.084%
39	4.261	4.256	4.340	HH	2047	-152395	-0.65%	-0.011%
40	4.353	4.340	4.361	PH	-5463	-72107	-0.31%	-0.005%
41	4.380	4.361	4.392	PH	-5119	-100139	-0.43%	-0.007%
42	4.420	4.392	4.481	PH	600618	6035465	25.83%	0.437%
43	4.497	4.481	4.515	PH	1566	-30063	-0.13%	-0.002%
44	4.527	4.515	4.535	PH	-2287	-35559	-0.15%	-0.003%
45	4.555	4.535	4.562	PH	5420	24932	0.11%	0.002%
46	4.571	4.562	4.611	HH	6451	41368	0.18%	0.003%
47	4.639	4.611	4.732	PH	150346	1699418	7.27%	0.123%
48	4.761	4.732	4.821	PH	21600	126689	0.54%	0.009%
49	4.829	4.821	4.856	PH	-5398	-122979	-0.53%	-0.009%
50	4.878	4.856	4.919	PH	-1020	-153132	-0.66%	-0.011%
51	4.937	4.919	4.977	PH	-1608	-157395	-0.67%	-0.011%
52	5.016	4.977	5.039	PH	22178	76658	0.33%	0.006%
53	5.058	5.039	5.062	PH	-4170	-62798	-0.27%	-0.005%
54	5.093	5.062	5.130	PH	7574	-1140	-0.00%	-0.000%
55	5.164	5.130	5.184	PH	15988	101356	0.43%	0.007%
56	5.189	5.184	5.209	HH	2318	-427	-0.00%	-0.000%
57	5.228	5.209	5.235	PH	13829	100362	0.43%	0.007%
58	5.241	5.235	5.262	HH	13668	104703	0.45%	0.008%
59	5.280	5.262	5.301	PH	25533	224505	0.96%	0.016%
60	5.308	5.301	5.323	PH	140	-16211	-0.07%	-0.001%
61	5.334	5.323	5.364	PH	-1655	-111954	-0.48%	-0.008%
62	5.405	5.364	5.439	PH	335296	3515184	15.04%	0.255%
63	5.450	5.439	5.486	HH	6999	74033	0.32%	0.005%
64	5.510	5.486	5.529	PH	20123	179070	0.77%	0.013%
65	5.534	5.529	5.552	HH	2624	1851	0.01%	0.000%
66	5.565	5.552	5.603	PH	-1163	-117460	-0.50%	-0.009%
67	5.617	5.603	5.628	PH	-5393	-87551	-0.37%	-0.006%
68	5.656	5.628	5.660	PH	-5411	-109839	-0.47%	-0.008%
69	5.686	5.660	5.698	PH	341	-55075	-0.24%	-0.004%
70	5.720	5.698	5.742	PH	25440	272773	1.17%	0.020%
71	5.760	5.742	5.766	PH	17986	148386	0.64%	0.011%
72	5.779	5.766	5.816	HH	35650	381289	1.63%	0.028%
73	5.836	5.816	5.861	PH	1397	4306	0.02%	0.000%
74	5.865	5.861	5.882	PH	-325	-24273	-0.10%	-0.002%
75	5.906	5.882	5.926	PH	362	-43826	-0.19%	-0.003%
76	5.946	5.926	5.953	PH	1764	-5931	-0.03%	-0.000%
77	5.968	5.953	5.987	HH	6535	62004	0.27%	0.004%
78	6.007	5.987	6.058	PH	29207	413269	1.77%	0.030%
79	6.066	6.058	6.086	HH	4175	33335	0.14%	0.002%
80	6.093	6.086	6.123	PH	-771	-70601	-0.30%	-0.005%
81	6.143	6.123	6.173	PH	-1279	-117406	-0.50%	-0.009%
82	6.187	6.173	6.206	PH	-4516	-107762	-0.46%	-0.008%
83	6.223	6.206	6.247	PH	-4445	-125145	-0.54%	-0.009%
84	6.279	6.247	6.289	PH	369	-45385	-0.19%	-0.003%
85	6.296	6.289	6.317	PH	-219	-32115	-0.14%	-0.002%
86	6.328	6.317	6.343	PH	-4140	-71278	-0.31%	-0.005%
87	6.367	6.343	6.375	PH	64677	544051	2.33%	0.039%
88	6.390	6.375	6.409	HH	149548	1682114	7.20%	0.122%
89	6.433	6.409	6.459	HH	680650	7331110	31.38%	0.531%

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90	6.472	6.459	6.494	HH	58649	611885	2.62%	0.044%
91	6.501	6.494	6.525	HH	4091	33043	0.14%	0.002%
92	6.534	6.525	6.555	PH	-765	-32630	-0.14%	-0.002%
93	6.577	6.555	6.601	PH	-1404	-81628	-0.35%	-0.006%
94	6.631	6.601	6.653	PH	-3644	-135046	-0.58%	-0.010%
95	6.683	6.653	6.725	PH	-1311	-151748	-0.65%	-0.011%
96	6.770	6.725	6.810	PH	3638	-63745	-0.27%	-0.005%
97	6.837	6.810	6.877	PH	1471	-82626	-0.35%	-0.006%
98	6.891	6.877	6.902	PH	-2294	-43641	-0.19%	-0.003%
99	6.927	6.902	6.939	PH	8173	54191	0.23%	0.004%
100	6.954	6.939	6.960	HH	7555	75219	0.32%	0.005%
101	6.966	6.960	6.973	HH	7527	58720	0.25%	0.004%
102	6.993	6.973	7.027	HH	67501	748226	3.20%	0.054%
103	7.041	7.027	7.045	HH	3590	29757	0.13%	0.002%
104	7.062	7.045	7.100	HH	14415	276968	1.19%	0.020%
105	7.111	7.100	7.125	HH	1004	8553	0.04%	0.001%
106	7.131	7.125	7.151	PH	100	-8303	-0.04%	-0.001%
107	7.169	7.151	7.181	PH	3848	21005	0.09%	0.002%
108	7.196	7.181	7.242	HH	7363	94184	0.40%	0.007%
109	7.252	7.242	7.264	PH	-1392	-22307	-0.10%	-0.002%
110	7.283	7.264	7.302	PH	16724	138326	0.59%	0.010%
111	7.313	7.302	7.330	PH	1381	-361	-0.00%	-0.000%
112	7.359	7.330	7.400	PH	27740	433604	1.86%	0.031%
113	7.420	7.400	7.455	HH	13459	98463	0.42%	0.007%
114	7.484	7.455	7.513	PH	6019	33075	0.14%	0.002%
115	7.547	7.513	7.556	PH	16900	179319	0.77%	0.013%
116	7.568	7.556	7.588	HH	23538	264968	1.13%	0.019%
117	7.600	7.588	7.614	HH	4369	52574	0.23%	0.004%
118	7.637	7.614	7.659	HH	4108	56390	0.24%	0.004%
119	7.667	7.659	7.672	PH	-1200	-10014	-0.04%	-0.001%
120	7.692	7.672	7.723	PH	3399	7072	0.03%	0.001%
121	7.748	7.723	7.772	PH	79400	961736	4.12%	0.070%
122	7.784	7.772	7.792	HH	18139	198679	0.85%	0.014%
123	7.801	7.792	7.821	HH	17872	233666	1.00%	0.017%
124	7.830	7.821	7.861	HH	7672	110870	0.47%	0.008%
125	7.870	7.861	7.878	HH	2000	17753	0.08%	0.001%
126	7.900	7.878	7.905	HH	2524	35587	0.15%	0.003%
127	7.923	7.905	7.934	HH	5449	69743	0.30%	0.005%
128	7.949	7.934	7.968	HH	6872	97449	0.42%	0.007%
129	7.983	7.968	7.998	HH	4499	50748	0.22%	0.004%
130	8.004	7.998	8.016	HH	1152	9367	0.04%	0.001%
131	8.036	8.016	8.071	HH	8945	165615	0.71%	0.012%
132	8.098	8.071	8.118	HH	10571	218923	0.94%	0.016%
133	8.123	8.118	8.139	HH	4510	42698	0.18%	0.003%
134	8.157	8.139	8.166	HH	10073	106270	0.45%	0.008%
135	8.196	8.166	8.202	HH	46952	680447	2.91%	0.049%
136	8.227	8.202	8.263	HH	603577	6939299	29.70%	0.503%
137	8.294	8.263	8.322	HH	281779	3143411	13.45%	0.228%
138	8.341	8.322	8.395	HH	45581	824181	3.53%	0.060%
139	8.411	8.395	8.422	HH	8410	117999	0.51%	0.009%
140	8.428	8.422	8.460	HH	7936	130992	0.56%	0.009%
141	8.477	8.460	8.507	HH	5760	100807	0.43%	0.007%

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142	8.510	8.507	8.527	HH	1386	12787	0.05%	0.001%
143	8.570	8.527	8.590	HH	20440	295177	1.26%	0.021%
144	8.608	8.590	8.621	HH	15461	214312	0.92%	0.016%
145	8.636	8.621	8.657	HH	19339	274010	1.17%	0.020%
146	8.679	8.657	8.725	HH	19858	483840	2.07%	0.035%
147	8.731	8.725	8.735	HH	6436	38530	0.16%	0.003%
148	8.754	8.735	8.794	HH	9747	229250	0.98%	0.017%
149	8.806	8.794	8.816	HH	4211	50698	0.22%	0.004%
150	8.833	8.816	8.839	HH	5771	70009	0.30%	0.005%
151	8.847	8.839	8.858	HH	5829	64052	0.27%	0.005%
152	8.877	8.858	8.892	HH	8800	143560	0.61%	0.010%
153	8.911	8.892	8.936	HH	13816	241159	1.03%	0.017%
154	8.963	8.936	9.017	HH	11429	389819	1.67%	0.028%
155	9.043	9.017	9.067	HH	20907	322460	1.38%	0.023%
156	9.085	9.067	9.101	HH	8883	144214	0.62%	0.010%
157	9.115	9.101	9.156	HH	7457	207625	0.89%	0.015%
158	9.172	9.156	9.184	HH	6164	90244	0.39%	0.007%
159	9.199	9.184	9.213	HH	8157	116042	0.50%	0.008%
160	9.233	9.213	9.267	HH	15265	350807	1.50%	0.025%
161	9.286	9.267	9.303	HH	13292	234652	1.00%	0.017%
162	9.333	9.303	9.361	HH	11460	332155	1.42%	0.024%
163	9.388	9.361	9.404	HH	23558	370037	1.58%	0.027%
164	9.420	9.404	9.476	HH	21085	546064	2.34%	0.040%
165	9.496	9.476	9.526	HH	13085	311749	1.33%	0.023%
166	9.566	9.526	9.581	HH	13944	358992	1.54%	0.026%
167	9.596	9.581	9.617	HH	15575	265447	1.14%	0.019%
168	9.656	9.617	9.671	HH	13257	362166	1.55%	0.026%
169	9.682	9.671	9.689	HH	10756	108984	0.47%	0.008%
170	9.697	9.689	9.718	HH	10584	162446	0.70%	0.012%
171	9.741	9.718	9.787	HH	14000	464028	1.99%	0.034%
172	9.826	9.787	9.859	HH	590578	7046232	30.16%	0.510%
173	9.872	9.859	9.890	HH	15075	253871	1.09%	0.018%
174	9.902	9.890	9.921	HH	13812	237505	1.02%	0.017%
175	9.931	9.921	9.949	HH	12360	191119	0.82%	0.014%
176	9.976	9.949	10.017	HH	15662	481148	2.06%	0.035%
177	10.034	10.017	10.061	HH	10885	254169	1.09%	0.018%
178	10.082	10.061	10.113	HH	12502	344196	1.47%	0.025%
179	10.134	10.113	10.149	HH	16667	284260	1.22%	0.021%
180	10.161	10.149	10.189	HH	14553	310635	1.33%	0.023%
181	10.211	10.189	10.235	HH	17690	391964	1.68%	0.028%
182	10.268	10.235	10.286	HH	18882	460023	1.97%	0.033%
183	10.300	10.286	10.324	HH	18927	358843	1.54%	0.026%
184	10.348	10.324	10.385	HH	18247	520203	2.23%	0.038%
185	10.414	10.385	10.440	HH	20183	554927	2.38%	0.040%
186	10.443	10.440	10.455	HH	15436	136937	0.59%	0.010%
187	10.480	10.455	10.506	HH	31058	691285	2.96%	0.050%
188	10.532	10.506	10.542	HH	21729	422308	1.81%	0.031%
189	10.559	10.542	10.577	HH	31550	512886	2.20%	0.037%
190	10.587	10.577	10.600	HH	19605	261051	1.12%	0.019%
191	10.630	10.600	10.674	HH	37632	1085706	4.65%	0.079%
192	10.688	10.674	10.705	HH	18431	331024	1.42%	0.024%
193	10.722	10.705	10.745	HH	19444	421248	1.80%	0.031%
194	10.754	10.745	10.767	HH	16881	219441	0.94%	0.016%

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195	10.787	10.767	10.799	HH	19421	346674	1.48%	0.025%
196	10.824	10.799	10.844	HH	216646	2776903	11.89%	0.201%
197	10.849	10.844	10.876	HH	52510	717068	3.07%	0.052%
198	10.899	10.876	10.931	HH	97507	1599282	6.84%	0.116%
199	10.950	10.931	10.981	HH	24794	691897	2.96%	0.050%
200	10.988	10.981	10.998	HH	21415	212200	0.91%	0.015%
201	11.010	10.998	11.028	HH	22153	378771	1.62%	0.027%
202	11.041	11.028	11.054	HH	19060	288642	1.24%	0.021%
203	11.074	11.054	11.101	HH	23039	606885	2.60%	0.044%
204	11.125	11.101	11.154	HH	41808	948605	4.06%	0.069%
205	11.162	11.154	11.167	HH	22511	177148	0.76%	0.013%
206	11.186	11.167	11.200	HH	24390	459960	1.97%	0.033%
207	11.221	11.200	11.227	HH	29127	422218	1.81%	0.031%
208	11.267	11.227	11.325	HH	612025	8263854	35.37%	0.599%
209	11.350	11.325	11.382	HH	49772	1194056	5.11%	0.087%
210	11.386	11.382	11.390	HH	24951	121110	0.52%	0.009%
211	11.420	11.390	11.442	HH	36048	924886	3.96%	0.067%
212	11.477	11.442	11.509	HH	42963	1335220	5.71%	0.097%
213	11.536	11.509	11.564	HH	55741	1298535	5.56%	0.094%
214	11.578	11.564	11.589	HH	32936	459579	1.97%	0.033%
215	11.626	11.589	11.642	HH	67031	1417551	6.07%	0.103%
216	11.658	11.642	11.697	HH	76193	1638853	7.01%	0.119%
217	11.740	11.697	11.759	HH	68076	1857798	7.95%	0.135%
218	11.775	11.759	11.790	HH	57458	901753	3.86%	0.065%
219	11.808	11.790	11.840	HH	70462	1504887	6.44%	0.109%
220	11.846	11.840	11.850	HH	34028	186104	0.80%	0.013%
221	11.880	11.850	11.892	HH	37861	917437	3.93%	0.066%
222	11.932	11.892	11.949	HH	50283	1449824	6.21%	0.105%
223	11.967	11.949	11.983	HH	47716	909566	3.89%	0.066%
224	12.002	11.983	12.011	HH	58362	835155	3.57%	0.061%
225	12.029	12.011	12.077	HH	84528	2296441	9.83%	0.166%
226	12.099	12.077	12.140	HH	66330	1874199	8.02%	0.136%
227	12.229	12.140	12.265	HH	446514	11034271	47.23%	0.799%
228	12.297	12.265	12.316	HH	51972	1511488	6.47%	0.109%
229	12.347	12.316	12.362	HH	54699	1450400	6.21%	0.105%
230	12.373	12.362	12.389	HH	51608	807996	3.46%	0.059%
231	12.419	12.389	12.430	HH	60225	1346740	5.76%	0.098%
232	12.438	12.430	12.462	HH	59036	1018680	4.36%	0.074%
233	12.491	12.462	12.510	HH	78163	1872985	8.02%	0.136%
234	12.528	12.510	12.545	HH	84721	1520279	6.51%	0.110%
235	12.578	12.545	12.619	HH	620127	9537838	40.82%	0.691%
236	12.653	12.619	12.703	HH	538891	8832672	37.80%	0.640%
237	12.729	12.703	12.762	HH	64188	2195162	9.40%	0.159%
238	12.788	12.762	12.807	HH	73138	1796603	7.69%	0.130%
239	12.832	12.807	12.855	HH	92075	2317853	9.92%	0.168%
240	12.868	12.855	12.891	HH	72896	1547025	6.62%	0.112%
241	12.895	12.891	12.919	HH	69028	1088098	4.66%	0.079%
242	12.953	12.919	12.988	HH	500749	8223593	35.20%	0.596%
243	13.004	12.988	13.018	HH	95653	1563264	6.69%	0.113%
244	13.035	13.018	13.064	HH	112464	2474885	10.59%	0.179%
245	13.073	13.064	13.086	HH	73858	976093	4.18%	0.071%
246	13.121	13.086	13.139	HH	88267	2460512	10.53%	0.178%

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247	13.184	13.139	13.198	HH	95555	2889649	12.37%	0.209%
248	13.216	13.198	13.247	HH	125528	3067016	13.13%	0.222%
249	13.270	13.247	13.287	HH	129138	2521484	10.79%	0.183%
250	13.300	13.287	13.326	HH	106814	2276512	9.74%	0.165%
251	13.344	13.326	13.382	HH	100801	3128183	13.39%	0.227%
252	13.446	13.382	13.487	HH	362953	10088333	43.18%	0.731%
253	13.537	13.487	13.566	HH	170979	5652013	24.19%	0.409%
254	13.572	13.566	13.585	HH	99248	1081344	4.63%	0.078%
255	13.601	13.585	13.620	HH	103551	2075793	8.88%	0.150%
256	13.644	13.620	13.666	HH	152769	3342327	14.30%	0.242%
257	13.686	13.666	13.707	HH	135840	2869698	12.28%	0.208%
258	13.724	13.707	13.742	HH	120080	2336213	10.00%	0.169%
259	13.778	13.742	13.801	HH	669054	10487766	44.89%	0.760%
260	13.817	13.801	13.838	HH	138192	2756090	11.80%	0.200%
261	13.856	13.838	13.895	HH	129967	3827337	16.38%	0.277%
262	13.930	13.895	13.964	HH	109128	4434327	18.98%	0.321%
263	13.986	13.964	13.994	HH	117918	2042964	8.74%	0.148%
264	14.010	13.994	14.030	HH	118482	2426760	10.39%	0.176%
265	14.034	14.030	14.044	HH	108960	945938	4.05%	0.069%
266	14.050	14.044	14.055	HH	107500	685451	2.93%	0.050%
267	14.068	14.055	14.084	HH	111153	1860907	7.96%	0.135%
268	14.101	14.084	14.108	HH	112074	1581024	6.77%	0.115%
269	14.128	14.108	14.139	HH	117341	2092988	8.96%	0.152%
270	14.165	14.139	14.197	HH	130354	4229026	18.10%	0.306%
271	14.247	14.197	14.261	HH	134741	4706707	20.14%	0.341%
272	14.286	14.261	14.312	HH	161213	4174613	17.87%	0.302%
273	14.341	14.312	14.366	HH	155207	4522378	19.36%	0.328%
274	14.380	14.366	14.397	HH	134069	2397048	10.26%	0.174%
275	14.412	14.397	14.429	HH	132257	2474330	10.59%	0.179%
276	14.454	14.429	14.492	HH	181237	5572739	23.85%	0.404%
277	14.517	14.492	14.548	HH	189349	5239332	22.42%	0.380%
278	14.590	14.548	14.613	HH	176485	6072334	25.99%	0.440%
279	14.617	14.613	14.630	HH	135576	1386957	5.94%	0.100%
280	14.678	14.630	14.756	HH	535609	16006495	68.51%	1.160%
281	14.765	14.756	14.772	HH	130071	1281091	5.48%	0.093%
282	14.835	14.772	14.854	HH	424492	11321156	48.45%	0.820%
283	14.881	14.854	14.912	HH	964009	15755276	67.43%	1.141%
284	14.924	14.912	14.945	HH	147358	2800825	11.99%	0.203%
285	14.952	14.945	14.961	HH	143691	1353905	5.79%	0.098%
286	14.996	14.961	15.051	HH	179426	8642900	36.99%	0.626%
287	15.058	15.051	15.063	HH	146147	1036724	4.44%	0.075%
288	15.087	15.063	15.124	HH	160791	5433287	23.25%	0.394%
289	15.148	15.124	15.165	HH	169205	3921510	16.78%	0.284%
290	15.180	15.165	15.234	HH	169955	6520998	27.91%	0.472%
291	15.261	15.234	15.312	HH	381673	10464783	44.79%	0.758%
292	15.318	15.312	15.362	HH	160717	4640493	19.86%	0.336%
293	15.422	15.362	15.453	HH	326321	11175901	47.83%	0.810%
294	15.470	15.453	15.484	HH	177262	3134985	13.42%	0.227%
295	15.509	15.484	15.530	HH	232381	5395464	23.09%	0.391%
296	15.546	15.530	15.578	HH	189708	4980442	21.32%	0.361%
297	15.597	15.578	15.606	HH	171259	2814292	12.05%	0.204%
298	15.625	15.606	15.636	HH	176688	3091984	13.23%	0.224%
299	15.664	15.636	15.696	HH	200834	6834641	29.25%	0.495%

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300	15.700	15.696	15.715	HH	173245	1914133	8.19%	0.139%
301	15.738	15.715	15.756	HH	180816	4231112	18.11%	0.307%
302	15.770	15.756	15.787	HH	177803	3320885	14.21%	0.241%
303	15.793	15.787	15.817	HH	172910	3000598	12.84%	0.217%
304	15.828	15.817	15.847	HH	175084	3068646	13.13%	0.222%
305	15.860	15.847	15.867	HH	169728	2038869	8.73%	0.148%
306	15.904	15.867	15.934	HH	659745	13589423	58.16%	0.984%
307	15.938	15.934	15.980	HH	179243	4806243	20.57%	0.348%
308	15.992	15.980	16.003	HH	170988	2320596	9.93%	0.168%
309	16.018	16.003	16.025	HH	170470	2237320	9.58%	0.162%
310	16.044	16.025	16.054	HH	178033	3003438	12.85%	0.218%
311	16.059	16.054	16.067	HH	173813	1367978	5.85%	0.099%
312	16.104	16.067	16.130	HH	195689	6978665	29.87%	0.506%
313	16.154	16.130	16.173	HH	189927	4698088	20.11%	0.340%
314	16.195	16.173	16.228	HH	208609	6488200	27.77%	0.470%
315	16.273	16.228	16.298	HH	228351	8557221	36.62%	0.620%
316	16.320	16.298	16.342	HH	208402	5402819	23.12%	0.391%
317	16.360	16.342	16.366	HH	209942	2897377	12.40%	0.210%
318	16.411	16.366	16.428	HH	516629	12843199	54.97%	0.930%
319	16.436	16.428	16.455	HH	355722	4844847	20.74%	0.351%
320	16.470	16.455	16.499	HH	257955	6111942	26.16%	0.443%
321	16.536	16.499	16.574	HH	266353	10168635	43.52%	0.737%
322	16.594	16.574	16.619	HH	248386	6193702	26.51%	0.449%
323	16.650	16.619	16.655	HH	225399	4541090	19.44%	0.329%
324	16.657	16.655	16.666	HH	224665	1499110	6.42%	0.109%
325	16.685	16.666	16.700	HH	250603	4957977	21.22%	0.359%
326	16.732	16.700	16.762	HH	412899	11021114	47.17%	0.798%
327	16.794	16.762	16.822	HH	443970	11292337	48.33%	0.818%
328	16.856	16.822	16.880	HH	675977	14452368	61.86%	1.047%
329	16.889	16.880	16.922	HH	297388	6572256	28.13%	0.476%
330	16.936	16.922	16.963	HH	238707	5731735	24.53%	0.415%
331	16.973	16.963	16.981	HH	232732	2437997	10.43%	0.177%
332	16.987	16.981	17.004	HH	233015	3198283	13.69%	0.232%
333	17.031	17.004	17.064	HH	258256	8761781	37.50%	0.635%
334	17.100	17.064	17.120	HH	261683	8433648	36.10%	0.611%
335	17.165	17.120	17.186	HH	270293	10207265	43.69%	0.739%
336	17.192	17.186	17.209	HH	261603	3570744	15.28%	0.259%
337	17.224	17.209	17.238	HH	253204	4334085	18.55%	0.314%
338	17.243	17.238	17.249	HH	249170	1696672	7.26%	0.123%
339	17.253	17.249	17.257	HH	249428	1096016	4.69%	0.079%
340	17.302	17.257	17.340	HH	289578	13254200	56.73%	0.960%
341	17.346	17.340	17.353	HH	244613	1916429	8.20%	0.139%
342	17.379	17.353	17.394	HH	252868	6190833	26.50%	0.448%
343	17.417	17.394	17.437	HH	263000	6556946	28.06%	0.475%
344	17.456	17.437	17.470	HH	262225	5023571	21.50%	0.364%
345	17.484	17.470	17.504	HH	255376	5156958	22.07%	0.374%
346	17.517	17.504	17.535	HH	249542	4474477	19.15%	0.324%
347	17.546	17.535	17.551	HH	245341	2333267	9.99%	0.169%
348	17.554	17.551	17.562	HH	243540	1608761	6.89%	0.117%
349	17.578	17.562	17.589	HH	254636	3992227	17.09%	0.289%
350	17.597	17.589	17.615	HH	255095	3886640	16.63%	0.282%
351	17.639	17.615	17.668	HH	263607	7969515	34.11%	0.577%

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352	17.675	17.668	17.682	HH	249620	2158209	9.24%	0.156%
353	17.744	17.682	17.774	HH	689751	20340144	87.05%	1.473%
354	17.793	17.774	17.819	HH	268552	6955207	29.77%	0.504%
355	17.824	17.819	17.828	HH	250671	1417290	6.07%	0.103%
356	17.843	17.828	17.848	HH	252847	2984568	12.77%	0.216%
357	17.891	17.848	17.912	HH	321988	11059278	47.33%	0.801%
358	17.919	17.912	17.957	HH	292099	7727886	33.07%	0.560%
359	17.974	17.957	18.031	HH	281406	11950258	51.15%	0.866%
360	18.075	18.031	18.082	HH	335518	8844438	37.85%	0.641%
361	18.099	18.082	18.138	HH	382195	10817349	46.30%	0.784%
362	18.173	18.138	18.203	HH	405602	13140838	56.24%	0.952%
363	18.211	18.203	18.235	HH	310841	5720897	24.49%	0.414%
364	18.255	18.235	18.279	HH	342006	8077677	34.57%	0.585%
365	18.296	18.279	18.321	HH	302800	7604041	32.54%	0.551%
366	18.329	18.321	18.349	HH	303005	4872526	20.85%	0.353%
367	18.355	18.349	18.357	HH	282967	1330346	5.69%	0.096%
368	18.361	18.357	18.388	HH	283639	5136561	21.98%	0.372%
369	18.432	18.388	18.481	HH	402399	17147899	73.39%	1.242%
370	18.489	18.481	18.495	HH	270020	2323998	9.95%	0.168%
371	18.512	18.495	18.519	HH	276103	3880614	16.61%	0.281%
372	18.577	18.519	18.619	HH	722556	23364761	100.00%	1.693%
373	18.625	18.619	18.628	HH	267014	1373167	5.88%	0.099%
374	18.631	18.628	18.636	HH	267140	1221056	5.23%	0.088%
375	18.677	18.636	18.707	HH	303977	12172205	52.10%	0.882%
376	18.733	18.707	18.756	HH	310931	8558017	36.63%	0.620%
377	18.765	18.756	18.787	HH	279390	5121807	21.92%	0.371%
378	18.793	18.787	18.799	HH	276275	1960195	8.39%	0.142%
379	18.804	18.799	18.816	HH	276034	2793669	11.96%	0.202%
380	18.830	18.816	18.839	HH	276026	3752662	16.06%	0.272%
381	18.856	18.839	18.883	HH	290900	7480866	32.02%	0.542%
382	18.984	18.961	18.989	HH	307092	5087185	21.77%	0.369%
383	19.068	19.037	19.084	HH	293572	8062171	34.51%	0.584%
384	19.126	19.084	19.141	HH	299890	10001212	42.80%	0.725%
385	19.146	19.141	19.150	HH	284080	1482401	6.34%	0.107%
386	19.160	19.150	19.169	HH	289775	3279847	14.04%	0.238%
387	19.181	19.169	19.196	HH	293396	4623101	19.79%	0.335%
388	19.212	19.196	19.231	HH	296894	6133740	26.25%	0.444%
389	19.236	19.231	19.244	HH	283537	2214112	9.48%	0.160%
390	19.249	19.244	19.252	HH	283369	1398709	5.99%	0.101%
391	19.273	19.252	19.292	HH	297381	6928454	29.65%	0.502%
392	19.303	19.292	19.323	HH	283827	5201699	22.26%	0.377%
393	19.361	19.323	19.407	HH	708523	20549356	87.95%	1.489%
394	19.424	19.407	19.431	HH	298217	4136172	17.70%	0.300%
395	19.434	19.431	19.449	HH	299392	3241960	13.88%	0.235%
396	19.456	19.449	19.465	HH	292637	2743045	11.74%	0.199%
397	19.485	19.465	19.503	HH	298776	6792690	29.07%	0.492%
398	19.515	19.503	19.522	HH	290477	3215102	13.76%	0.233%
399	19.542	19.522	19.554	HH	301427	5606865	24.00%	0.406%
400	19.612	19.608	19.636	HH	317466	5170988	22.13%	0.375%
401	19.664	19.636	19.690	HH	336666	10550487	45.16%	0.764%
402	19.713	19.690	19.751	HH	345999	12006234	51.39%	0.870%
403	19.820	19.814	19.828	HH	303677	2454076	10.50%	0.178%
404	19.832	19.828	19.842	HH	305258	2548416	10.91%	0.185%

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405	19.890	19.855	19.911	HH	318319	10366663	44.37%	0.751%
406	19.917	19.911	19.924	HH	306442	2312541	9.90%	0.168%
407	19.930	19.924	19.935	HH	308101	2036944	8.72%	0.148%
408	19.985	19.935	20.032	HH	353504	19059902	81.58%	1.381%
409	20.046	20.032	20.063	HH	325729	5905376	25.27%	0.428%
410	20.101	20.063	20.147	HH	767139	22622777	96.82%	1.639%
411	20.169	20.147	20.201	HH	326203	10351420	44.30%	0.750%
412	20.215	20.201	20.226	HH	317917	4644727	19.88%	0.336%
413	20.229	20.226	20.235	HH	318060	1821888	7.80%	0.132%
414	20.293	20.287	20.301	HH	322354	2709924	11.60%	0.196%
415	20.306	20.301	20.310	HH	319146	1636825	7.01%	0.119%
416	20.358	20.334	20.378	HH	325688	8391001	35.91%	0.608%
417	20.388	20.378	20.397	HH	322619	3659810	15.66%	0.265%
418	20.403	20.397	20.412	HH	321191	2891637	12.38%	0.209%
419	20.421	20.412	20.432	HH	323028	3861065	16.53%	0.280%
420	20.453	20.432	20.474	HH	332420	8174945	34.99%	0.592%
421	20.477	20.474	20.509	HH	327760	6636798	28.41%	0.481%
422	20.517	20.509	20.523	HH	312830	2677489	11.46%	0.194%
423	20.525	20.523	20.539	HH	309568	3003322	12.85%	0.218%
424	20.569	20.539	20.586	HH	310609	8477906	36.29%	0.614%
425	20.600	20.586	20.620	HH	308079	6225566	26.65%	0.451%
426	20.660	20.649	20.667	HH	301800	3232810	13.84%	0.234%
427	20.676	20.667	20.696	HH	301016	5205634	22.28%	0.377%
428	20.708	20.696	20.724	HH	298239	5046929	21.60%	0.366%
429	20.733	20.724	20.756	HH	299080	5601737	23.98%	0.406%
430	20.758	20.756	20.766	HH	292041	1816816	7.78%	0.132%
431	20.771	20.766	20.775	HH	288916	1595311	6.83%	0.116%
432	20.781	20.775	20.793	HH	290024	3122100	13.36%	0.226%
433	20.845	20.793	20.881	HH	662539	21718689	92.95%	1.573%
434	20.894	20.881	20.910	HH	282282	4842362	20.73%	0.351%
435	20.914	20.910	20.918	HH	277739	1428532	6.11%	0.103%
436	20.935	20.918	20.953	HH	281077	5825242	24.93%	0.422%
437	20.958	20.953	20.967	HH	277836	2290979	9.81%	0.166%
438	20.976	20.967	20.983	HH	277548	2716092	11.62%	0.197%
439	20.994	20.983	21.015	HH	282042	5284775	22.62%	0.383%
440	21.034	21.015	21.054	HH	276955	6382359	27.32%	0.462%
441	21.057	21.054	21.061	HH	272590	1220553	5.22%	0.088%
442	21.078	21.061	21.095	HH	275818	5439830	23.28%	0.394%
443	21.100	21.095	21.108	HH	272802	2155454	9.23%	0.156%
444	21.118	21.108	21.139	HH	272769	5047629	21.60%	0.366%
445	21.147	21.139	21.155	HH	269406	2639238	11.30%	0.191%
446	21.161	21.155	21.179	HH	268943	3751874	16.06%	0.272%
447	21.213	21.196	21.219	HH	265311	3787556	16.21%	0.274%
448	21.224	21.219	21.238	HH	265007	2964203	12.69%	0.215%
449	21.267	21.238	21.284	HH	277490	7391137	31.63%	0.535%
450	21.321	21.314	21.345	HH	263559	4933823	21.12%	0.357%
451	21.361	21.345	21.385	HH	261579	6138452	26.27%	0.445%
452	21.397	21.385	21.412	HH	257552	4145955	17.74%	0.300%
453	21.417	21.412	21.429	HH	253290	2537950	10.86%	0.184%
454	21.462	21.450	21.474	HH	249637	3633660	15.55%	0.263%
455	21.481	21.474	21.489	HH	249353	2237018	9.57%	0.162%
456	21.506	21.489	21.521	HH	252301	4786858	20.49%	0.347%

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457	21.528	21.521	21.539	HH	248684	2706975	11.59%	0.196%	
458	21.549	21.539	21.558	HH	250453	2782554	11.91%	0.202%	
459	21.568	21.558	21.581	HH	252301	3445642	14.75%	0.250%	
460	21.586	21.581	21.598	HH	249860	2566912	10.99%	0.186%	
461	21.604	21.598	21.609	HH	245071	1630018	6.98%	0.118%	
462	21.619	21.609	21.624	HH	247145	2157175	9.23%	0.156%	
463	21.656	21.636	21.711	HH	253904	11097328	47.50%	0.804%	
464	21.775	21.711	21.821	HHA	522305	23190389	99.25%	1.680%	
					Sum of corrected areas:				1380405458

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