

rteres  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062818AL\  
Data File : FC035059.D  
Signal(s) : FID1A.CH  
Acq On : 29 Jun 2018 00:35  
Sample : J3242-05  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.M  
Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.241       | 3.202        | 3.327      | BV       | 501            | 13940        | 0.02%          | 0.002%        |
| 2         | 3.341       | 3.327        | 3.356      | PV       | 255            | 2262         | 0.00%          | 0.000%        |
| 3         | 3.430       | 3.356        | 3.472      | PV       | 284            | 14091        | 0.02%          | 0.002%        |
| 4         | 3.480       | 3.472        | 3.494      | VV       | 250            | 1883         | 0.00%          | 0.000%        |
| 5         | 3.515       | 3.494        | 3.528      | VV       | 563            | 6255         | 0.01%          | 0.001%        |
| 6         | 3.540       | 3.528        | 3.556      | VV       | 388            | 5325         | 0.01%          | 0.001%        |
| 7         | 3.574       | 3.556        | 3.602      | VV       | 938            | 17642        | 0.02%          | 0.002%        |
| 8         | 3.617       | 3.602        | 3.664      | VV       | 894            | 21179        | 0.03%          | 0.003%        |
| 9         | 3.688       | 3.664        | 3.719      | VV       | 1163           | 15272        | 0.02%          | 0.002%        |
| 10        | 3.737       | 3.719        | 3.764      | VV       | 1142           | 16298        | 0.02%          | 0.002%        |
| 11        | 3.782       | 3.764        | 3.802      | VV       | 2912           | 27298        | 0.03%          | 0.003%        |
| 12        | 3.827       | 3.802        | 3.841      | PV       | 763            | 11197        | 0.01%          | 0.001%        |
| 13        | 3.849       | 3.841        | 3.881      | VV       | 694            | 8762         | 0.01%          | 0.001%        |
| 14        | 3.907       | 3.881        | 3.926      | PV       | 3898           | 51496        | 0.07%          | 0.006%        |
| 15        | 3.938       | 3.926        | 3.962      | VV       | 2026           | 28036        | 0.04%          | 0.004%        |
| 16        | 4.004       | 3.962        | 4.032      | VV       | 1631           | 33921        | 0.04%          | 0.004%        |
| 17        | 4.054       | 4.032        | 4.066      | VV       | 4594           | 57273        | 0.07%          | 0.007%        |
| 18        | 4.083       | 4.066        | 4.139      | VV       | 9335           | 155901       | 0.20%          | 0.020%        |
| 19        | 4.154       | 4.139        | 4.197      | VV       | 2258           | 31396        | 0.04%          | 0.004%        |
| 20        | 4.223       | 4.197        | 4.241      | PV       | 1222           | 16241        | 0.02%          | 0.002%        |
| 21        | 4.280       | 4.241        | 4.291      | VV       | 1463           | 25311        | 0.03%          | 0.003%        |
| 22        | 4.311       | 4.291        | 4.334      | VV       | 1353           | 27795        | 0.04%          | 0.003%        |
| 23        | 4.350       | 4.334        | 4.363      | VV       | 1506           | 14429        | 0.02%          | 0.002%        |
| 24        | 4.380       | 4.363        | 4.415      | VV       | 2745           | 35922        | 0.05%          | 0.005%        |
| 25        | 4.460       | 4.415        | 4.488      | VV       | 2953           | 60806        | 0.08%          | 0.008%        |
| 26        | 4.524       | 4.488        | 4.552      | VV       | 6496           | 154107       | 0.20%          | 0.019%        |
| 27        | 4.567       | 4.552        | 4.602      | VV       | 7257           | 98069        | 0.13%          | 0.012%        |
| 28        | 4.617       | 4.602        | 4.628      | VV       | 2619           | 32974        | 0.04%          | 0.004%        |
| 29        | 4.643       | 4.628        | 4.664      | VV       | 3970           | 59762        | 0.08%          | 0.007%        |
| 30        | 4.683       | 4.664        | 4.698      | VV       | 3443           | 49154        | 0.06%          | 0.006%        |
| 31        | 4.716       | 4.698        | 4.757      | VV       | 8516           | 146750       | 0.19%          | 0.018%        |
| 32        | 4.780       | 4.757        | 4.807      | VV       | 6238           | 103044       | 0.13%          | 0.013%        |
| 33        | 4.833       | 4.807        | 4.844      | VV       | 2810           | 44151        | 0.06%          | 0.006%        |
| 34        | 4.867       | 4.844        | 4.887      | VV       | 2763           | 48988        | 0.06%          | 0.006%        |
| 35        | 4.934       | 4.887        | 4.976      | PV       | 6529           | 194926       | 0.25%          | 0.024%        |
| 36        | 4.999       | 4.976        | 5.011      | VV       | 5106           | 68234        | 0.09%          | 0.009%        |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 37     | 5.027 | 5.011 | 5.038 | VV | 10192  | 107237  | 0.14% | 0.013% |
| 38     | 5.052 | 5.038 | 5.069 | VV | 10328  | 148776  | 0.19% | 0.019% |
| 39     | 5.078 | 5.069 | 5.096 | VV | 6301   | 71475   | 0.09% | 0.009% |
| 40     | 5.118 | 5.096 | 5.131 | VV | 5073   | 74792   | 0.10% | 0.009% |
| 41     | 5.169 | 5.131 | 5.191 | VV | 6180   | 173302  | 0.22% | 0.022% |
| 42     | 5.206 | 5.191 | 5.220 | VV | 6522   | 87876   | 0.11% | 0.011% |
| 43     | 5.237 | 5.220 | 5.253 | VV | 10662  | 132814  | 0.17% | 0.017% |
| 44     | 5.263 | 5.253 | 5.275 | VV | 5715   | 62579   | 0.08% | 0.008% |
| 45     | 5.292 | 5.275 | 5.316 | VV | 5767   | 105154  | 0.13% | 0.013% |
| 46     | 5.368 | 5.316 | 5.391 | VV | 27946  | 492978  | 0.63% | 0.062% |
| 47     | 5.418 | 5.391 | 5.455 | VV | 9313   | 237920  | 0.30% | 0.030% |
| 48     | 5.471 | 5.455 | 5.483 | VV | 6963   | 88404   | 0.11% | 0.011% |
| 49     | 5.494 | 5.483 | 5.505 | VV | 6405   | 74073   | 0.09% | 0.009% |
| 50     | 5.527 | 5.505 | 5.554 | VV | 39446  | 518871  | 0.66% | 0.065% |
| 51     | 5.580 | 5.554 | 5.588 | VV | 10373  | 161603  | 0.21% | 0.020% |
| 52     | 5.603 | 5.588 | 5.617 | VV | 12082  | 174821  | 0.22% | 0.022% |
| 53     | 5.633 | 5.617 | 5.674 | VV | 16788  | 382094  | 0.49% | 0.048% |
| 54     | 5.694 | 5.674 | 5.706 | VV | 11520  | 180351  | 0.23% | 0.023% |
| 55     | 5.716 | 5.706 | 5.727 | VV | 10306  | 115558  | 0.15% | 0.014% |
| 56     | 5.756 | 5.727 | 5.777 | VV | 13456  | 302026  | 0.39% | 0.038% |
| 57     | 5.803 | 5.777 | 5.819 | VV | 13043  | 215181  | 0.28% | 0.027% |
| 58     | 5.854 | 5.819 | 5.872 | VV | 19460  | 437149  | 0.56% | 0.055% |
| 59     | 5.895 | 5.872 | 5.920 | VV | 21107  | 438203  | 0.56% | 0.055% |
| 60     | 5.942 | 5.920 | 5.962 | VV | 24499  | 426726  | 0.55% | 0.053% |
| 61     | 5.991 | 5.962 | 6.011 | VV | 21821  | 429758  | 0.55% | 0.054% |
| 62     | 6.030 | 6.011 | 6.042 | VV | 19775  | 302348  | 0.39% | 0.038% |
| 63     | 6.073 | 6.042 | 6.099 | VV | 27637  | 745187  | 0.95% | 0.093% |
| 64     | 6.132 | 6.099 | 6.148 | VV | 21295  | 532678  | 0.68% | 0.067% |
| 65     | 6.164 | 6.148 | 6.187 | VV | 20233  | 400067  | 0.51% | 0.050% |
| 66     | 6.209 | 6.187 | 6.224 | VV | 31625  | 500189  | 0.64% | 0.063% |
| 67     | 6.254 | 6.224 | 6.271 | VV | 31964  | 712930  | 0.91% | 0.089% |
| 68     | 6.283 | 6.271 | 6.312 | VV | 25108  | 579009  | 0.74% | 0.073% |
| 69     | 6.328 | 6.312 | 6.347 | VV | 36958  | 581895  | 0.74% | 0.073% |
| 70     | 6.362 | 6.347 | 6.380 | VV | 24402  | 421467  | 0.54% | 0.053% |
| 71     | 6.417 | 6.380 | 6.428 | VV | 27629  | 606174  | 0.78% | 0.076% |
| 72     | 6.477 | 6.428 | 6.499 | VV | 91165  | 1809340 | 2.32% | 0.227% |
| 73     | 6.515 | 6.499 | 6.537 | VV | 56306  | 923331  | 1.18% | 0.116% |
| 74     | 6.548 | 6.537 | 6.561 | VV | 29988  | 373146  | 0.48% | 0.047% |
| 75     | 6.593 | 6.561 | 6.620 | VV | 35803  | 1086372 | 1.39% | 0.136% |
| 76     | 6.655 | 6.620 | 6.675 | VV | 40850  | 1077442 | 1.38% | 0.135% |
| 77     | 6.684 | 6.675 | 6.695 | VV | 30179  | 335505  | 0.43% | 0.042% |
| 78     | 6.721 | 6.695 | 6.744 | VV | 48217  | 1038105 | 1.33% | 0.130% |
| 79     | 6.784 | 6.744 | 6.804 | VV | 44729  | 1198659 | 1.53% | 0.150% |
| 80     | 6.824 | 6.804 | 6.832 | VV | 57440  | 805056  | 1.03% | 0.101% |
| 81     | 6.845 | 6.832 | 6.864 | VV | 63271  | 991813  | 1.27% | 0.124% |
| 82     | 6.885 | 6.864 | 6.911 | VV | 63502  | 1280733 | 1.64% | 0.161% |
| 83     | 6.936 | 6.911 | 6.959 | VV | 55085  | 1320841 | 1.69% | 0.166% |
| 84     | 6.985 | 6.959 | 7.005 | VV | 46750  | 1133180 | 1.45% | 0.142% |
| 85     | 7.030 | 7.005 | 7.065 | VV | 180017 | 3025902 | 3.87% | 0.379% |
| 86     | 7.083 | 7.065 | 7.104 | VV | 56525  | 1092232 | 1.40% | 0.137% |
| 87     | 7.128 | 7.104 | 7.186 | VV | 75765  | 2509718 | 3.21% | 0.315% |
| 88     | 7.223 | 7.186 | 7.235 | VV | 69955  | 1717228 | 2.20% | 0.215% |
| 89     | 7.251 | 7.235 | 7.273 | VV | 98002  | 1612789 | 2.06% | 0.202% |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 90     | 7.298 | 7.273 | 7.324 | VV | 63446  | 1662485 | 2.13%  | 0.208% |
| 91     | 7.339 | 7.324 | 7.350 | VV | 64484  | 929668  | 1.19%  | 0.117% |
| 92     | 7.382 | 7.350 | 7.399 | VV | 71032  | 1897258 | 2.43%  | 0.238% |
| 93     | 7.423 | 7.399 | 7.452 | VV | 126491 | 2722005 | 3.48%  | 0.341% |
| 94     | 7.468 | 7.452 | 7.490 | VV | 68394  | 1307517 | 1.67%  | 0.164% |
| 95     | 7.556 | 7.490 | 7.599 | VV | 624116 | 9858743 | 12.62% | 1.236% |
| 96     | 7.616 | 7.599 | 7.652 | VV | 77874  | 2141289 | 2.74%  | 0.268% |
| 97     | 7.676 | 7.652 | 7.693 | VV | 106265 | 2008312 | 2.57%  | 0.252% |
| 98     | 7.707 | 7.693 | 7.721 | VV | 85734  | 1366055 | 1.75%  | 0.171% |
| 99     | 7.726 | 7.721 | 7.743 | VV | 88373  | 1038090 | 1.33%  | 0.130% |
| 100    | 7.768 | 7.743 | 7.787 | VV | 89777  | 2147014 | 2.75%  | 0.269% |
| 101    | 7.816 | 7.787 | 7.833 | VV | 104786 | 2368939 | 3.03%  | 0.297% |
| 102    | 7.855 | 7.833 | 7.897 | VV | 207940 | 4710631 | 6.03%  | 0.590% |
| 103    | 7.942 | 7.897 | 7.969 | VV | 303520 | 5890537 | 7.54%  | 0.738% |
| 104    | 7.993 | 7.969 | 8.013 | VV | 124999 | 2660910 | 3.41%  | 0.334% |
| 105    | 8.029 | 8.013 | 8.037 | VV | 106999 | 1401380 | 1.79%  | 0.176% |
| 106    | 8.050 | 8.037 | 8.072 | VV | 114187 | 2314771 | 2.96%  | 0.290% |
| 107    | 8.083 | 8.072 | 8.104 | VV | 111204 | 2126376 | 2.72%  | 0.267% |
| 108    | 8.120 | 8.104 | 8.139 | VV | 162741 | 2784556 | 3.56%  | 0.349% |
| 109    | 8.169 | 8.139 | 8.198 | VV | 147690 | 4282604 | 5.48%  | 0.537% |
| 110    | 8.215 | 8.198 | 8.249 | VV | 125329 | 3289546 | 4.21%  | 0.412% |
| 111    | 8.274 | 8.249 | 8.316 | VV | 253090 | 6065924 | 7.76%  | 0.760% |
| 112    | 8.334 | 8.316 | 8.349 | VV | 133298 | 2327880 | 2.98%  | 0.292% |
| 113    | 8.364 | 8.349 | 8.381 | VV | 126405 | 2211915 | 2.83%  | 0.277% |
| 114    | 8.419 | 8.381 | 8.457 | VV | 446438 | 8579215 | 10.98% | 1.075% |
| 115    | 8.505 | 8.457 | 8.522 | VV | 158072 | 5338249 | 6.83%  | 0.669% |
| 116    | 8.540 | 8.522 | 8.550 | VV | 143763 | 2245673 | 2.87%  | 0.281% |
| 117    | 8.570 | 8.550 | 8.592 | VV | 250522 | 4400455 | 5.63%  | 0.552% |
| 118    | 8.610 | 8.592 | 8.619 | VV | 151272 | 2256838 | 2.89%  | 0.283% |
| 119    | 8.657 | 8.619 | 8.682 | VV | 429020 | 9239109 | 11.82% | 1.158% |
| 120    | 8.702 | 8.682 | 8.716 | VV | 132005 | 2490042 | 3.19%  | 0.312% |
| 121    | 8.732 | 8.716 | 8.749 | VV | 165532 | 2777761 | 3.55%  | 0.348% |
| 122    | 8.769 | 8.749 | 8.786 | VV | 144281 | 2978445 | 3.81%  | 0.373% |
| 123    | 8.800 | 8.786 | 8.817 | VV | 166536 | 2753034 | 3.52%  | 0.345% |
| 124    | 8.831 | 8.817 | 8.842 | VV | 134703 | 1924020 | 2.46%  | 0.241% |
| 125    | 8.874 | 8.842 | 8.912 | VV | 160452 | 6162363 | 7.89%  | 0.772% |
| 126    | 8.940 | 8.912 | 9.002 | VV | 203290 | 8162160 | 10.45% | 1.023% |
| 127    | 9.024 | 9.002 | 9.049 | VV | 181511 | 4069316 | 5.21%  | 0.510% |
| 128    | 9.067 | 9.049 | 9.119 | VV | 146214 | 5341608 | 6.84%  | 0.670% |
| 129    | 9.139 | 9.119 | 9.152 | VV | 149230 | 2692792 | 3.45%  | 0.338% |
| 130    | 9.165 | 9.152 | 9.199 | VV | 148973 | 3870847 | 4.95%  | 0.485% |
| 131    | 9.219 | 9.199 | 9.230 | VV | 162268 | 2769501 | 3.54%  | 0.347% |
| 132    | 9.238 | 9.230 | 9.256 | VV | 156694 | 2198678 | 2.81%  | 0.276% |
| 133    | 9.268 | 9.256 | 9.277 | VV | 138695 | 1620211 | 2.07%  | 0.203% |
| 134    | 9.316 | 9.277 | 9.359 | VV | 219330 | 8155074 | 10.44% | 1.022% |
| 135    | 9.389 | 9.359 | 9.422 | VV | 224545 | 6702437 | 8.58%  | 0.840% |
| 136    | 9.445 | 9.422 | 9.458 | VV | 151339 | 3099159 | 3.97%  | 0.388% |
| 137    | 9.475 | 9.458 | 9.518 | VV | 187892 | 5499123 | 7.04%  | 0.689% |
| 138    | 9.559 | 9.518 | 9.583 | VV | 138757 | 5152027 | 6.59%  | 0.646% |
| 139    | 9.595 | 9.583 | 9.604 | VV | 134639 | 1652922 | 2.12%  | 0.207% |
| 140    | 9.624 | 9.604 | 9.644 | VV | 161913 | 3585119 | 4.59%  | 0.449% |
| 141    | 9.671 | 9.644 | 9.697 | VV | 200990 | 5502743 | 7.04%  | 0.690% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 9.716  | 9.697  | 9.757  | VV | 271027  | 6403660  | 8.20%  | 0.803% |
| 143    | 9.793  | 9.757  | 9.811  | VV | 164280  | 4924152  | 6.30%  | 0.617% |
| 144    | 9.821  | 9.811  | 9.862  | VV | 159756  | 4402632  | 5.63%  | 0.552% |
| 145    | 9.885  | 9.862  | 9.912  | VV | 153480  | 4199578  | 5.37%  | 0.526% |
| 146    | 9.945  | 9.912  | 9.969  | VV | 150619  | 4705439  | 6.02%  | 0.590% |
| 147    | 9.982  | 9.969  | 10.014 | VV | 144385  | 3750267  | 4.80%  | 0.470% |
| 148    | 10.037 | 10.014 | 10.049 | VV | 144523  | 2923565  | 3.74%  | 0.366% |
| 149    | 10.062 | 10.049 | 10.072 | VV | 153887  | 2036352  | 2.61%  | 0.255% |
| 150    | 10.105 | 10.072 | 10.131 | VV | 499273  | 10019293 | 12.82% | 1.256% |
| 151    | 10.147 | 10.131 | 10.198 | VV | 179227  | 6794694  | 8.70%  | 0.852% |
| 152    | 10.214 | 10.198 | 10.229 | VV | 185860  | 3124178  | 4.00%  | 0.392% |
| 153    | 10.247 | 10.229 | 10.271 | VV | 206438  | 4212981  | 5.39%  | 0.528% |
| 154    | 10.293 | 10.271 | 10.326 | VV | 152333  | 4652864  | 5.95%  | 0.583% |
| 155    | 10.352 | 10.326 | 10.371 | VV | 198262  | 4487764  | 5.74%  | 0.563% |
| 156    | 10.386 | 10.371 | 10.405 | VV | 184757  | 3479244  | 4.45%  | 0.436% |
| 157    | 10.453 | 10.405 | 10.484 | VV | 267650  | 8896100  | 11.39% | 1.115% |
| 158    | 10.529 | 10.484 | 10.616 | VV | 846826  | 22172952 | 28.38% | 2.779% |
| 159    | 10.651 | 10.616 | 10.670 | VV | 170924  | 4995618  | 6.39%  | 0.626% |
| 160    | 10.691 | 10.670 | 10.746 | VV | 184866  | 7167261  | 9.17%  | 0.898% |
| 161    | 10.778 | 10.746 | 10.812 | VV | 186410  | 6513658  | 8.34%  | 0.816% |
| 162    | 10.844 | 10.812 | 10.889 | VV | 220240  | 7704918  | 9.86%  | 0.966% |
| 163    | 10.931 | 10.889 | 10.942 | VV | 159074  | 4855685  | 6.21%  | 0.609% |
| 164    | 10.950 | 10.942 | 10.984 | VV | 160826  | 3832008  | 4.90%  | 0.480% |
| 165    | 11.003 | 10.984 | 11.027 | VV | 171560  | 3946871  | 5.05%  | 0.495% |
| 166    | 11.069 | 11.027 | 11.083 | VV | 154254  | 4839505  | 6.19%  | 0.607% |
| 167    | 11.106 | 11.083 | 11.132 | VV | 166599  | 4693325  | 6.01%  | 0.588% |
| 168    | 11.154 | 11.132 | 11.200 | VV | 244435  | 7596421  | 9.72%  | 0.952% |
| 169    | 11.246 | 11.200 | 11.274 | VV | 478437  | 11306164 | 14.47% | 1.417% |
| 170    | 11.287 | 11.274 | 11.332 | VV | 151876  | 4853164  | 6.21%  | 0.608% |
| 171    | 11.348 | 11.332 | 11.370 | VV | 145378  | 3114968  | 3.99%  | 0.390% |
| 172    | 11.398 | 11.370 | 11.408 | VV | 143751  | 3114490  | 3.99%  | 0.390% |
| 173    | 11.462 | 11.408 | 11.499 | VV | 446179  | 11384789 | 14.57% | 1.427% |
| 174    | 11.527 | 11.499 | 11.537 | VV | 147160  | 3196654  | 4.09%  | 0.401% |
| 175    | 11.550 | 11.537 | 11.569 | VV | 158001  | 2702782  | 3.46%  | 0.339% |
| 176    | 11.593 | 11.569 | 11.623 | VV | 145211  | 4388186  | 5.62%  | 0.550% |
| 177    | 11.641 | 11.623 | 11.659 | VV | 150827  | 3108697  | 3.98%  | 0.390% |
| 178    | 11.707 | 11.659 | 11.742 | VV | 151088  | 6827710  | 8.74%  | 0.856% |
| 179    | 11.759 | 11.742 | 11.772 | VV | 134450  | 2356302  | 3.02%  | 0.295% |
| 180    | 11.800 | 11.772 | 11.847 | VV | 221468  | 7965714  | 10.19% | 0.998% |
| 181    | 11.880 | 11.847 | 11.921 | VV | 1405454 | 20380358 | 26.08% | 2.555% |
| 182    | 11.939 | 11.921 | 12.001 | VV | 131399  | 5721764  | 7.32%  | 0.717% |
| 183    | 12.021 | 12.001 | 12.074 | VV | 128082  | 4959611  | 6.35%  | 0.622% |
| 184    | 12.094 | 12.074 | 12.104 | VV | 119480  | 2040800  | 2.61%  | 0.256% |
| 185    | 12.115 | 12.104 | 12.147 | VV | 118514  | 2888824  | 3.70%  | 0.362% |
| 186    | 12.168 | 12.147 | 12.209 | VV | 120323  | 4136055  | 5.29%  | 0.518% |
| 187    | 12.231 | 12.209 | 12.267 | VV | 119981  | 3675554  | 4.70%  | 0.461% |
| 188    | 12.303 | 12.267 | 12.322 | VV | 117391  | 3562272  | 4.56%  | 0.447% |
| 189    | 12.333 | 12.322 | 12.356 | VV | 117535  | 2228343  | 2.85%  | 0.279% |
| 190    | 12.380 | 12.356 | 12.422 | VV | 127686  | 4439682  | 5.68%  | 0.557% |
| 191    | 12.459 | 12.422 | 12.484 | VV | 169357  | 4666885  | 5.97%  | 0.585% |
| 192    | 12.507 | 12.484 | 12.589 | VV | 161245  | 6808928  | 8.71%  | 0.853% |
| 193    | 12.601 | 12.589 | 12.660 | VV | 94363   | 3650924  | 4.67%  | 0.458% |
| 194    | 12.675 | 12.660 | 12.691 | VV | 78856   | 1410750  | 1.81%  | 0.177% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 195 | 12.712 | 12.691 | 12.727 | VV | 93019   | 1874516  | 2.40%   | 0.235% |
| 196 | 12.758 | 12.727 | 12.779 | VV | 93789   | 2678646  | 3.43%   | 0.336% |
| 197 | 12.802 | 12.779 | 12.849 | VV | 130147  | 3866095  | 4.95%   | 0.485% |
| 198 | 12.919 | 12.849 | 12.943 | VV | 3629453 | 78138077 | 100.00% | 9.794% |
| 199 | 12.972 | 12.943 | 13.029 | VV | 2908874 | 46106735 | 59.01%  | 5.779% |
| 200 | 13.043 | 13.029 | 13.056 | VV | 75499   | 1151413  | 1.47%   | 0.144% |
| 201 | 13.074 | 13.056 | 13.095 | VV | 114845  | 2228092  | 2.85%   | 0.279% |
| 202 | 13.129 | 13.095 | 13.201 | VV | 684949  | 12364388 | 15.82%  | 1.550% |
| 203 | 13.215 | 13.201 | 13.262 | VV | 77527   | 2517929  | 3.22%   | 0.316% |
| 204 | 13.293 | 13.262 | 13.322 | VV | 85118   | 2550472  | 3.26%   | 0.320% |
| 205 | 13.346 | 13.322 | 13.381 | VV | 69150   | 2266275  | 2.90%   | 0.284% |
| 206 | 13.415 | 13.381 | 13.466 | VV | 160723  | 4305602  | 5.51%   | 0.540% |
| 207 | 13.521 | 13.466 | 13.536 | VV | 71712   | 2639235  | 3.38%   | 0.331% |
| 208 | 13.551 | 13.536 | 13.577 | VV | 66551   | 1471160  | 1.88%   | 0.184% |
| 209 | 13.589 | 13.577 | 13.614 | VV | 56290   | 1104560  | 1.41%   | 0.138% |
| 210 | 13.655 | 13.614 | 13.683 | VV | 86630   | 2614566  | 3.35%   | 0.328% |
| 211 | 13.705 | 13.683 | 13.730 | VV | 72717   | 1828477  | 2.34%   | 0.229% |
| 212 | 13.764 | 13.730 | 13.795 | VV | 74269   | 2261316  | 2.89%   | 0.283% |
| 213 | 13.807 | 13.795 | 13.829 | VV | 38954   | 740975   | 0.95%   | 0.093% |
| 214 | 13.911 | 13.829 | 13.936 | VV | 140508  | 4305531  | 5.51%   | 0.540% |
| 215 | 13.951 | 13.936 | 13.986 | VV | 97317   | 2144548  | 2.74%   | 0.269% |
| 216 | 14.001 | 13.986 | 14.022 | VV | 53585   | 1020895  | 1.31%   | 0.128% |
| 217 | 14.058 | 14.022 | 14.086 | VV | 71657   | 2104939  | 2.69%   | 0.264% |
| 218 | 14.104 | 14.086 | 14.187 | VV | 91761   | 3293366  | 4.21%   | 0.413% |
| 219 | 14.213 | 14.187 | 14.237 | VV | 65352   | 1441907  | 1.85%   | 0.181% |
| 220 | 14.270 | 14.237 | 14.304 | VV | 130772  | 2740641  | 3.51%   | 0.344% |
| 221 | 14.327 | 14.304 | 14.350 | VV | 59478   | 1279769  | 1.64%   | 0.160% |
| 222 | 14.376 | 14.350 | 14.400 | VV | 50814   | 1156368  | 1.48%   | 0.145% |
| 223 | 14.416 | 14.400 | 14.449 | VV | 26843   | 676950   | 0.87%   | 0.085% |
| 224 | 14.486 | 14.449 | 14.597 | VV | 26455   | 1645001  | 2.11%   | 0.206% |
| 225 | 14.673 | 14.597 | 14.693 | VV | 47893   | 1299101  | 1.66%   | 0.163% |
| 226 | 14.739 | 14.693 | 14.780 | VV | 61769   | 2052906  | 2.63%   | 0.257% |
| 227 | 14.807 | 14.780 | 14.819 | VV | 16897   | 330284   | 0.42%   | 0.041% |
| 228 | 14.831 | 14.819 | 14.852 | VV | 18772   | 314906   | 0.40%   | 0.039% |
| 229 | 14.883 | 14.852 | 14.937 | VV | 13890   | 507005   | 0.65%   | 0.064% |
| 230 | 14.988 | 14.937 | 15.046 | VV | 9652    | 484242   | 0.62%   | 0.061% |
| 231 | 15.065 | 15.046 | 15.087 | VV | 6279    | 139361   | 0.18%   | 0.017% |
| 232 | 15.110 | 15.087 | 15.124 | VV | 8889    | 155992   | 0.20%   | 0.020% |
| 233 | 15.138 | 15.124 | 15.151 | VV | 8658    | 116386   | 0.15%   | 0.015% |
| 234 | 15.173 | 15.151 | 15.208 | VV | 8169    | 233979   | 0.30%   | 0.029% |
| 235 | 15.269 | 15.208 | 15.294 | VV | 18846   | 507505   | 0.65%   | 0.064% |
| 236 | 15.329 | 15.294 | 15.367 | VV | 61677   | 1060897  | 1.36%   | 0.133% |
| 237 | 15.381 | 15.367 | 15.439 | VV | 7633    | 163787   | 0.21%   | 0.021% |
| 238 | 15.507 | 15.439 | 15.556 | VV | 9334    | 297702   | 0.38%   | 0.037% |
| 239 | 15.587 | 15.556 | 15.607 | PV | 5254    | 90334    | 0.12%   | 0.011% |
| 240 | 15.621 | 15.607 | 15.636 | VV | 3494    | 37082    | 0.05%   | 0.005% |
| 241 | 15.666 | 15.636 | 15.691 | VV | 4735    | 97407    | 0.12%   | 0.012% |
| 242 | 15.698 | 15.691 | 15.714 | VV | 3277    | 31925    | 0.04%   | 0.004% |
| 243 | 15.769 | 15.714 | 15.806 | VV | 18469   | 375078   | 0.48%   | 0.047% |
| 244 | 15.828 | 15.806 | 15.854 | VV | 7837    | 137119   | 0.18%   | 0.017% |
| 245 | 15.866 | 15.854 | 15.894 | VV | 2651    | 30422    | 0.04%   | 0.004% |
| 246 | 15.903 | 15.894 | 15.911 | VV | 1172    | 4735     | 0.01%   | 0.001% |

| rteres |        |        |        |    |       |         |       |        |
|--------|--------|--------|--------|----|-------|---------|-------|--------|
| 247    | 16.056 | 15.911 | 16.080 | PV | 12592 | 840564  | 1.08% | 0.105% |
| 248    | 16.090 | 16.080 | 16.115 | VV | 9237  | 170614  | 0.22% | 0.021% |
| 249    | 16.140 | 16.115 | 16.177 | VV | 10127 | 250544  | 0.32% | 0.031% |
| 250    | 16.225 | 16.177 | 16.243 | PV | 43684 | 711593  | 0.91% | 0.089% |
|        |        |        |        |    |       |         |       |        |
| 251    | 16.253 | 16.243 | 16.291 | VV | 30708 | 414389  | 0.53% | 0.052% |
| 252    | 16.314 | 16.291 | 16.341 | VV | 21060 | 347889  | 0.45% | 0.044% |
| 253    | 16.354 | 16.341 | 16.393 | VV | 13979 | 275255  | 0.35% | 0.035% |
| 254    | 16.411 | 16.393 | 16.429 | VV | 8801  | 135585  | 0.17% | 0.017% |
| 255    | 16.454 | 16.429 | 16.487 | VV | 7333  | 184124  | 0.24% | 0.023% |
|        |        |        |        |    |       |         |       |        |
| 256    | 16.556 | 16.487 | 16.577 | VV | 38308 | 893133  | 1.14% | 0.112% |
| 257    | 16.600 | 16.577 | 16.659 | VV | 87230 | 1355047 | 1.73% | 0.170% |
| 258    | 16.719 | 16.659 | 16.739 | VV | 18647 | 505615  | 0.65% | 0.063% |
| 259    | 16.747 | 16.739 | 16.758 | VV | 13961 | 151199  | 0.19% | 0.019% |
| 260    | 16.765 | 16.758 | 16.797 | VV | 13246 | 205878  | 0.26% | 0.026% |
|        |        |        |        |    |       |         |       |        |
| 261    | 16.807 | 16.797 | 16.829 | VV | 6688  | 90574   | 0.12% | 0.011% |
| 262    | 16.841 | 16.829 | 16.855 | VV | 6236  | 63225   | 0.08% | 0.008% |
| 263    | 16.875 | 16.855 | 16.887 | VV | 8181  | 98086   | 0.13% | 0.012% |
| 264    | 16.949 | 16.887 | 16.999 | VV | 10528 | 522910  | 0.67% | 0.066% |
| 265    | 17.022 | 16.999 | 17.051 | VV | 11502 | 253911  | 0.32% | 0.032% |
|        |        |        |        |    |       |         |       |        |
| 266    | 17.100 | 17.051 | 17.109 | VV | 12574 | 253588  | 0.32% | 0.032% |
| 267    | 17.124 | 17.109 | 17.144 | VV | 14174 | 213367  | 0.27% | 0.027% |
| 268    | 17.174 | 17.144 | 17.204 | VV | 17648 | 360470  | 0.46% | 0.045% |
| 269    | 17.226 | 17.204 | 17.241 | VV | 11335 | 177881  | 0.23% | 0.022% |
| 270    | 17.263 | 17.241 | 17.303 | VV | 17727 | 373906  | 0.48% | 0.047% |
|        |        |        |        |    |       |         |       |        |
| 271    | 17.332 | 17.303 | 17.359 | VV | 11929 | 277795  | 0.36% | 0.035% |
| 272    | 17.381 | 17.359 | 17.404 | VV | 9244  | 165239  | 0.21% | 0.021% |
| 273    | 17.446 | 17.404 | 17.461 | VV | 7542  | 205186  | 0.26% | 0.026% |
| 274    | 17.520 | 17.461 | 17.531 | VV | 11545 | 339480  | 0.43% | 0.043% |
| 275    | 17.543 | 17.531 | 17.552 | VV | 11278 | 131600  | 0.17% | 0.016% |
|        |        |        |        |    |       |         |       |        |
| 276    | 17.604 | 17.552 | 17.647 | VV | 25752 | 813100  | 1.04% | 0.102% |
| 277    | 17.653 | 17.647 | 17.668 | VV | 10262 | 105324  | 0.13% | 0.013% |
| 278    | 17.695 | 17.668 | 17.714 | VV | 13889 | 296867  | 0.38% | 0.037% |
| 279    | 17.739 | 17.714 | 17.827 | VV | 46187 | 1389610 | 1.78% | 0.174% |
| 280    | 17.839 | 17.827 | 17.853 | VV | 9733  | 130782  | 0.17% | 0.016% |
|        |        |        |        |    |       |         |       |        |
| 281    | 17.884 | 17.853 | 17.900 | VV | 17827 | 336390  | 0.43% | 0.042% |
| 282    | 17.919 | 17.900 | 17.934 | VV | 16308 | 287115  | 0.37% | 0.036% |
| 283    | 17.973 | 17.934 | 18.002 | VV | 34023 | 807199  | 1.03% | 0.101% |
| 284    | 18.028 | 18.002 | 18.053 | VV | 27399 | 588540  | 0.75% | 0.074% |
| 285    | 18.062 | 18.053 | 18.069 | VV | 17307 | 149315  | 0.19% | 0.019% |
|        |        |        |        |    |       |         |       |        |
| 286    | 18.106 | 18.069 | 18.132 | VV | 45600 | 1078975 | 1.38% | 0.135% |
| 287    | 18.141 | 18.132 | 18.180 | VV | 25563 | 582884  | 0.75% | 0.073% |
| 288    | 18.193 | 18.180 | 18.201 | VV | 15654 | 177808  | 0.23% | 0.022% |
| 289    | 18.227 | 18.201 | 18.247 | VV | 37556 | 655820  | 0.84% | 0.082% |
| 290    | 18.258 | 18.247 | 18.276 | VV | 18436 | 278663  | 0.36% | 0.035% |
|        |        |        |        |    |       |         |       |        |
| 291    | 18.313 | 18.276 | 18.350 | VV | 19162 | 735009  | 0.94% | 0.092% |
| 292    | 18.367 | 18.350 | 18.394 | VV | 18163 | 401834  | 0.51% | 0.050% |
| 293    | 18.439 | 18.394 | 18.474 | VV | 33632 | 952348  | 1.22% | 0.119% |
| 294    | 18.483 | 18.474 | 18.499 | VV | 14935 | 203713  | 0.26% | 0.026% |
| 295    | 18.531 | 18.499 | 18.552 | VV | 40012 | 846298  | 1.08% | 0.106% |
|        |        |        |        |    |       |         |       |        |
| 296    | 18.577 | 18.552 | 18.612 | VV | 36729 | 975170  | 1.25% | 0.122% |
| 297    | 18.624 | 18.612 | 18.642 | VV | 21844 | 331487  | 0.42% | 0.042% |
| 298    | 18.661 | 18.642 | 18.681 | VV | 22095 | 458997  | 0.59% | 0.058% |
| 299    | 18.703 | 18.681 | 18.726 | VV | 26613 | 580519  | 0.74% | 0.073% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 18.742 | 18.726 | 18.764 | VV | 31082  | 566612  | 0.73% | 0.071% |
| 301 | 18.844 | 18.764 | 18.889 | VV | 37531  | 2032412 | 2.60% | 0.255% |
| 302 | 18.925 | 18.889 | 18.987 | VV | 34807  | 1557456 | 1.99% | 0.195% |
| 303 | 19.031 | 18.987 | 19.063 | VV | 30010  | 1097980 | 1.41% | 0.138% |
| 304 | 19.079 | 19.063 | 19.092 | VV | 26993  | 423105  | 0.54% | 0.053% |
| 305 | 19.140 | 19.092 | 19.162 | VV | 28585  | 998200  | 1.28% | 0.125% |
| 306 | 19.179 | 19.162 | 19.187 | VV | 25038  | 351889  | 0.45% | 0.044% |
| 307 | 19.229 | 19.187 | 19.257 | VV | 44349  | 1432409 | 1.83% | 0.180% |
| 308 | 19.265 | 19.257 | 19.286 | VV | 37786  | 522126  | 0.67% | 0.065% |
| 309 | 19.299 | 19.286 | 19.309 | VV | 27898  | 386842  | 0.50% | 0.048% |
| 310 | 19.334 | 19.309 | 19.357 | VV | 40036  | 954476  | 1.22% | 0.120% |
| 311 | 19.382 | 19.357 | 19.403 | VV | 34834  | 851775  | 1.09% | 0.107% |
| 312 | 19.414 | 19.403 | 19.439 | VV | 34836  | 711859  | 0.91% | 0.089% |
| 313 | 19.459 | 19.439 | 19.497 | VV | 40142  | 1247843 | 1.60% | 0.156% |
| 314 | 19.523 | 19.497 | 19.534 | VV | 35333  | 734349  | 0.94% | 0.092% |
| 315 | 19.559 | 19.534 | 19.577 | VV | 44355  | 996832  | 1.28% | 0.125% |
| 316 | 19.600 | 19.577 | 19.664 | VV | 58348  | 2325746 | 2.98% | 0.292% |
| 317 | 19.697 | 19.664 | 19.714 | VV | 42779  | 1126607 | 1.44% | 0.141% |
| 318 | 19.733 | 19.714 | 19.741 | VV | 45535  | 665787  | 0.85% | 0.083% |
| 319 | 19.765 | 19.741 | 19.774 | VV | 47235  | 889952  | 1.14% | 0.112% |
| 320 | 19.782 | 19.774 | 19.809 | VV | 45711  | 841854  | 1.08% | 0.106% |
| 321 | 19.856 | 19.809 | 19.911 | VV | 56502  | 2817053 | 3.61% | 0.353% |
| 322 | 19.929 | 19.911 | 19.941 | VV | 45981  | 793028  | 1.01% | 0.099% |
| 323 | 19.962 | 19.941 | 19.999 | VV | 57799  | 1715564 | 2.20% | 0.215% |
| 324 | 20.022 | 19.999 | 20.034 | VV | 56563  | 1048829 | 1.34% | 0.131% |
| 325 | 20.043 | 20.034 | 20.061 | VV | 52315  | 764547  | 0.98% | 0.096% |
| 326 | 20.077 | 20.061 | 20.106 | VV | 56150  | 1380971 | 1.77% | 0.173% |
| 327 | 20.116 | 20.106 | 20.143 | VV | 56066  | 1104914 | 1.41% | 0.138% |
| 328 | 20.161 | 20.143 | 20.172 | VV | 56981  | 931464  | 1.19% | 0.117% |
| 329 | 20.186 | 20.172 | 20.212 | VV | 54156  | 1193366 | 1.53% | 0.150% |
| 330 | 20.231 | 20.212 | 20.257 | VV | 54802  | 1361646 | 1.74% | 0.171% |
| 331 | 20.266 | 20.257 | 20.282 | VV | 53045  | 742810  | 0.95% | 0.093% |
| 332 | 20.323 | 20.282 | 20.377 | VV | 80783  | 3638883 | 4.66% | 0.456% |
| 333 | 20.415 | 20.377 | 20.434 | VV | 59222  | 1812904 | 2.32% | 0.227% |
| 334 | 20.441 | 20.434 | 20.452 | VV | 52362  | 564137  | 0.72% | 0.071% |
| 335 | 20.463 | 20.452 | 20.498 | VV | 53588  | 1307371 | 1.67% | 0.164% |
| 336 | 20.539 | 20.498 | 20.561 | VV | 49688  | 1678146 | 2.15% | 0.210% |
| 337 | 20.569 | 20.561 | 20.587 | VV | 45141  | 663768  | 0.85% | 0.083% |
| 338 | 20.605 | 20.587 | 20.629 | VV | 42569  | 963898  | 1.23% | 0.121% |
| 339 | 20.680 | 20.629 | 20.719 | VV | 46236  | 2132576 | 2.73% | 0.267% |
| 340 | 20.740 | 20.719 | 20.763 | VV | 38534  | 850273  | 1.09% | 0.107% |
| 341 | 20.788 | 20.763 | 20.820 | VV | 33110  | 980674  | 1.26% | 0.123% |
| 342 | 20.844 | 20.820 | 20.900 | VV | 32648  | 1227168 | 1.57% | 0.154% |
| 343 | 20.914 | 20.900 | 20.936 | VV | 21975  | 419276  | 0.54% | 0.053% |
| 344 | 20.943 | 20.936 | 20.984 | VV | 21154  | 506021  | 0.65% | 0.063% |
| 345 | 20.991 | 20.984 | 21.015 | VV | 15153  | 250642  | 0.32% | 0.031% |
| 346 | 21.027 | 21.015 | 21.051 | VV | 19078  | 273500  | 0.35% | 0.034% |
| 347 | 21.088 | 21.051 | 21.119 | VV | 21009  | 588296  | 0.75% | 0.074% |
| 348 | 21.124 | 21.119 | 21.149 | VV | 11454  | 151538  | 0.19% | 0.019% |
| 349 | 21.160 | 21.149 | 21.177 | VV | 6523   | 72423   | 0.09% | 0.009% |

Sum of corrected areas: 797778638

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