

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090722AL\  
Data File : FE037451.D  
Signal(s) : FID1B.ch  
Acq On : 07 Sep 2022 22:19  
Sample : N4518-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
Title : GC Extractables

Signal : FID1B.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         | 3.042       | 3.004        | 3.115      | BV       | 362            | 7984         | 0.09%          | 0.004%        |
| 2         | 3.176       | 3.115        | 3.193      | PV       | 189            | 3842         | 0.04%          | 0.002%        |
| 3         | 3.207       | 3.193        | 3.224      | VV       | 198            | 2179         | 0.03%          | 0.001%        |
| 4         | 3.242       | 3.224        | 3.267      | VV       | 146            | 2951         | 0.03%          | 0.001%        |
| 5         | 3.277       | 3.267        | 3.294      | VV       | 183            | 2001         | 0.02%          | 0.001%        |
| 6         | 3.309       | 3.294        | 3.328      | VV       | 159            | 2053         | 0.02%          | 0.001%        |
| 7         | 3.348       | 3.328        | 3.411      | VV       | 377            | 8671         | 0.10%          | 0.004%        |
| 8         | 3.425       | 3.411        | 3.461      | VV       | 237            | 4524         | 0.05%          | 0.002%        |
| 9         | 3.484       | 3.461        | 3.523      | VV       | 479            | 8729         | 0.10%          | 0.004%        |
| 10        | 3.564       | 3.523        | 3.605      | VV       | 413            | 9897         | 0.12%          | 0.005%        |
| 11        | 3.620       | 3.605        | 3.640      | VV       | 233            | 2966         | 0.03%          | 0.001%        |
| 12        | 3.665       | 3.640        | 3.704      | VV       | 499            | 7397         | 0.09%          | 0.003%        |
| 13        | 3.735       | 3.704        | 3.782      | PV       | 456            | 12365        | 0.14%          | 0.006%        |
| 14        | 3.832       | 3.782        | 3.879      | VV       | 368            | 16532        | 0.19%          | 0.008%        |
| 15        | 3.907       | 3.879        | 3.918      | VV       | 318            | 6199         | 0.07%          | 0.003%        |
| 16        | 3.939       | 3.918        | 3.994      | VV       | 304            | 8786         | 0.10%          | 0.004%        |
| 17        | 4.032       | 3.994        | 4.044      | VV       | 606            | 9501         | 0.11%          | 0.004%        |
| 18        | 4.060       | 4.044        | 4.083      | VV       | 592            | 10986        | 0.13%          | 0.005%        |
| 19        | 4.099       | 4.083        | 4.147      | VV       | 432            | 10965        | 0.13%          | 0.005%        |
| 20        | 4.181       | 4.147        | 4.211      | VV       | 473            | 11414        | 0.13%          | 0.005%        |
| 21        | 4.228       | 4.211        | 4.257      | VV       | 399            | 7878         | 0.09%          | 0.004%        |
| 22        | 4.297       | 4.257        | 4.334      | VV       | 1141           | 20566        | 0.24%          | 0.009%        |
| 23        | 4.350       | 4.334        | 4.404      | VV       | 420            | 10163        | 0.12%          | 0.005%        |
| 24        | 4.428       | 4.404        | 4.444      | VV       | 251            | 4076         | 0.05%          | 0.002%        |
| 25        | 4.464       | 4.444        | 4.482      | VV       | 410            | 7112         | 0.08%          | 0.003%        |
| 26        | 4.498       | 4.482        | 4.534      | VV       | 511            | 10816        | 0.13%          | 0.005%        |
| 27        | 4.577       | 4.534        | 4.590      | VV       | 1184           | 25353        | 0.30%          | 0.012%        |
| 28        | 4.610       | 4.590        | 4.631      | VV       | 1189           | 24160        | 0.28%          | 0.011%        |
| 29        | 4.648       | 4.631        | 4.667      | VV       | 735            | 13288        | 0.16%          | 0.006%        |
| 30        | 4.684       | 4.667        | 4.693      | VV       | 757            | 9982         | 0.12%          | 0.005%        |
| 31        | 4.712       | 4.693        | 4.744      | VV       | 2520           | 37373        | 0.44%          | 0.017%        |
| 32        | 4.772       | 4.744        | 4.784      | VV       | 650            | 13190        | 0.15%          | 0.006%        |
| 33        | 4.799       | 4.784        | 4.841      | VV       | 1011           | 19126        | 0.22%          | 0.009%        |
| 34        | 4.849       | 4.841        | 4.859      | VV       | 334            | 3262         | 0.04%          | 0.001%        |
| 35        | 4.875       | 4.859        | 4.894      | VV       | 402            | 6359         | 0.07%          | 0.003%        |
| 36        | 4.932       | 4.894        | 4.982      | VV       | 4046           | 70679        | 0.83%          | 0.032%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.998 | 4.982 | 5.016 | VV | 861    | 13308  | 0.16% | 0.006% |
| 38 | 5.052 | 5.016 | 5.081 | VV | 5338   | 73005  | 0.85% | 0.033% |
| 39 | 5.120 | 5.081 | 5.146 | VV | 888    | 22346  | 0.26% | 0.010% |
| 40 | 5.179 | 5.146 | 5.216 | VV | 4020   | 75343  | 0.88% | 0.034% |
| 41 | 5.231 | 5.216 | 5.259 | VV | 1280   | 24882  | 0.29% | 0.011% |
| 42 | 5.268 | 5.259 | 5.276 | VV | 658    | 6081   | 0.07% | 0.003% |
| 43 | 5.318 | 5.276 | 5.349 | VV | 2050   | 54028  | 0.63% | 0.025% |
| 44 | 5.369 | 5.349 | 5.387 | VV | 1193   | 15581  | 0.18% | 0.007% |
| 45 | 5.435 | 5.387 | 5.458 | VV | 3587   | 61719  | 0.72% | 0.028% |
| 46 | 5.472 | 5.458 | 5.493 | VV | 1136   | 16347  | 0.19% | 0.007% |
| 47 | 5.510 | 5.493 | 5.534 | VV | 817    | 13426  | 0.16% | 0.006% |
| 48 | 5.549 | 5.534 | 5.566 | VV | 825    | 12372  | 0.14% | 0.006% |
| 49 | 5.580 | 5.566 | 5.591 | VV | 763    | 8866   | 0.10% | 0.004% |
| 50 | 5.608 | 5.591 | 5.633 | VV | 1150   | 18892  | 0.22% | 0.009% |
| 51 | 5.656 | 5.633 | 5.670 | VV | 855    | 13763  | 0.16% | 0.006% |
| 52 | 5.682 | 5.670 | 5.706 | VV | 815    | 13394  | 0.16% | 0.006% |
| 53 | 5.730 | 5.706 | 5.750 | VV | 3027   | 46192  | 0.54% | 0.021% |
| 54 | 5.764 | 5.750 | 5.777 | VV | 1846   | 26876  | 0.31% | 0.012% |
| 55 | 5.790 | 5.777 | 5.838 | VV | 1908   | 42104  | 0.49% | 0.019% |
| 56 | 5.861 | 5.838 | 5.891 | VV | 869    | 16923  | 0.20% | 0.008% |
| 57 | 5.915 | 5.891 | 5.941 | VV | 649    | 11414  | 0.13% | 0.005% |
| 58 | 5.965 | 5.941 | 5.997 | VV | 668    | 14241  | 0.17% | 0.006% |
| 59 | 6.026 | 5.997 | 6.132 | VV | 8094   | 219198 | 2.57% | 0.100% |
| 60 | 6.163 | 6.132 | 6.184 | VV | 3771   | 63322  | 0.74% | 0.029% |
| 61 | 6.198 | 6.184 | 6.225 | VV | 2031   | 29365  | 0.34% | 0.013% |
| 62 | 6.262 | 6.225 | 6.271 | VV | 673    | 16236  | 0.19% | 0.007% |
| 63 | 6.285 | 6.271 | 6.321 | VV | 847    | 16850  | 0.20% | 0.008% |
| 64 | 6.336 | 6.321 | 6.355 | VV | 417    | 7504   | 0.09% | 0.003% |
| 65 | 6.391 | 6.355 | 6.451 | VV | 648    | 23344  | 0.27% | 0.011% |
| 66 | 6.469 | 6.451 | 6.517 | VV | 1055   | 20134  | 0.24% | 0.009% |
| 67 | 6.553 | 6.517 | 6.573 | VV | 429    | 9125   | 0.11% | 0.004% |
| 68 | 6.589 | 6.573 | 6.599 | VV | 400    | 3886   | 0.05% | 0.002% |
| 69 | 6.619 | 6.599 | 6.638 | VV | 850    | 12010  | 0.14% | 0.005% |
| 70 | 6.644 | 6.638 | 6.683 | VV | 479    | 7227   | 0.08% | 0.003% |
| 71 | 6.717 | 6.683 | 6.736 | VV | 321    | 5571   | 0.07% | 0.003% |
| 72 | 6.755 | 6.736 | 6.778 | PV | 489    | 6702   | 0.08% | 0.003% |
| 73 | 6.823 | 6.778 | 6.842 | VV | 653    | 19378  | 0.23% | 0.009% |
| 74 | 6.879 | 6.842 | 6.903 | VV | 1533   | 30683  | 0.36% | 0.014% |
| 75 | 6.919 | 6.903 | 6.937 | VV | 690    | 10381  | 0.12% | 0.005% |
| 76 | 6.954 | 6.937 | 6.970 | VV | 675    | 8426   | 0.10% | 0.004% |
| 77 | 6.992 | 6.970 | 7.011 | VV | 562    | 10807  | 0.13% | 0.005% |
| 78 | 7.035 | 7.011 | 7.070 | VV | 1055   | 27012  | 0.32% | 0.012% |
| 79 | 7.117 | 7.070 | 7.168 | VV | 9996   | 201591 | 2.36% | 0.092% |
| 80 | 7.183 | 7.168 | 7.202 | VV | 2281   | 39308  | 0.46% | 0.018% |
| 81 | 7.210 | 7.202 | 7.224 | VV | 1446   | 17122  | 0.20% | 0.008% |
| 82 | 7.245 | 7.224 | 7.332 | VV | 21913  | 341407 | 4.00% | 0.156% |
| 83 | 7.348 | 7.332 | 7.374 | VV | 893    | 17811  | 0.21% | 0.008% |
| 84 | 7.410 | 7.374 | 7.434 | VV | 1844   | 35329  | 0.41% | 0.016% |
| 85 | 7.465 | 7.434 | 7.477 | VV | 730    | 13532  | 0.16% | 0.006% |
| 86 | 7.488 | 7.477 | 7.523 | VV | 564    | 10788  | 0.13% | 0.005% |
| 87 | 7.537 | 7.523 | 7.561 | VV | 247    | 4068   | 0.05% | 0.002% |
| 88 | 7.585 | 7.561 | 7.614 | VV | 934    | 12556  | 0.15% | 0.006% |
| 89 | 7.640 | 7.614 | 7.661 | VV | 542    | 7452   | 0.09% | 0.003% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.684  | 7.661  | 7.702  | PV | 801    | 8317    | 0.10%  | 0.004% |
| 91  | 7.732  | 7.702  | 7.840  | VV | 587267 | 6293415 | 73.69% | 2.870% |
| 92  | 7.861  | 7.840  | 7.912  | VV | 4280   | 124223  | 1.45%  | 0.057% |
| 93  | 7.923  | 7.912  | 7.941  | VV | 1398   | 22291   | 0.26%  | 0.010% |
| 94  | 7.960  | 7.941  | 7.985  | VV | 1546   | 36581   | 0.43%  | 0.017% |
| 95  | 8.010  | 7.985  | 8.058  | VV | 6314   | 141457  | 1.66%  | 0.065% |
| 96  | 8.075  | 8.058  | 8.083  | VV | 2844   | 36387   | 0.43%  | 0.017% |
| 97  | 8.108  | 8.083  | 8.184  | VV | 11550  | 328713  | 3.85%  | 0.150% |
| 98  | 8.216  | 8.184  | 8.233  | VV | 36790  | 441943  | 5.17%  | 0.202% |
| 99  | 8.245  | 8.233  | 8.277  | VV | 20643  | 304111  | 3.56%  | 0.139% |
| 100 | 8.291  | 8.277  | 8.344  | VV | 5436   | 125450  | 1.47%  | 0.057% |
| 101 | 8.404  | 8.344  | 8.474  | VV | 24390  | 712459  | 8.34%  | 0.325% |
| 102 | 8.493  | 8.474  | 8.522  | VV | 11337  | 150547  | 1.76%  | 0.069% |
| 103 | 8.534  | 8.522  | 8.573  | VV | 2070   | 31362   | 0.37%  | 0.014% |
| 104 | 8.600  | 8.573  | 8.674  | VV | 339929 | 4051467 | 47.44% | 1.848% |
| 105 | 8.696  | 8.674  | 8.742  | VV | 45941  | 651576  | 7.63%  | 0.297% |
| 106 | 8.759  | 8.742  | 8.785  | VV | 6274   | 118795  | 1.39%  | 0.054% |
| 107 | 8.794  | 8.785  | 8.810  | VV | 3615   | 48787   | 0.57%  | 0.022% |
| 108 | 8.826  | 8.810  | 8.850  | VV | 4268   | 79607   | 0.93%  | 0.036% |
| 109 | 8.862  | 8.850  | 8.874  | VV | 2746   | 35037   | 0.41%  | 0.016% |
| 110 | 8.889  | 8.874  | 8.910  | VV | 3338   | 51021   | 0.60%  | 0.023% |
| 111 | 8.938  | 8.910  | 8.959  | VV | 13221  | 189258  | 2.22%  | 0.086% |
| 112 | 8.982  | 8.959  | 9.028  | VV | 21291  | 442747  | 5.18%  | 0.202% |
| 113 | 9.041  | 9.028  | 9.054  | VV | 6497   | 95902   | 1.12%  | 0.044% |
| 114 | 9.061  | 9.054  | 9.089  | VV | 6280   | 104165  | 1.22%  | 0.048% |
| 115 | 9.109  | 9.089  | 9.131  | VV | 14346  | 192613  | 2.26%  | 0.088% |
| 116 | 9.151  | 9.131  | 9.210  | VV | 16805  | 281690  | 3.30%  | 0.128% |
| 117 | 9.264  | 9.210  | 9.284  | VV | 18729  | 265732  | 3.11%  | 0.121% |
| 118 | 9.300  | 9.284  | 9.331  | VV | 9871   | 137928  | 1.62%  | 0.063% |
| 119 | 9.400  | 9.331  | 9.427  | VV | 15181  | 352909  | 4.13%  | 0.161% |
| 120 | 9.447  | 9.427  | 9.462  | VV | 4605   | 67202   | 0.79%  | 0.031% |
| 121 | 9.485  | 9.462  | 9.539  | VV | 82613  | 1163936 | 13.63% | 0.531% |
| 122 | 9.561  | 9.539  | 9.582  | VV | 17366  | 241612  | 2.83%  | 0.110% |
| 123 | 9.605  | 9.582  | 9.616  | VV | 8686   | 135524  | 1.59%  | 0.062% |
| 124 | 9.633  | 9.616  | 9.655  | VV | 17597  | 266977  | 3.13%  | 0.122% |
| 125 | 9.665  | 9.655  | 9.674  | VV | 7654   | 83798   | 0.98%  | 0.038% |
| 126 | 9.691  | 9.674  | 9.737  | VV | 12278  | 246521  | 2.89%  | 0.112% |
| 127 | 9.756  | 9.737  | 9.791  | VV | 4541   | 100961  | 1.18%  | 0.046% |
| 128 | 9.813  | 9.791  | 9.848  | VV | 14674  | 255946  | 3.00%  | 0.117% |
| 129 | 9.857  | 9.848  | 9.870  | VV | 4535   | 54345   | 0.64%  | 0.025% |
| 130 | 9.888  | 9.870  | 9.900  | VV | 7784   | 109181  | 1.28%  | 0.050% |
| 131 | 9.918  | 9.900  | 9.961  | VV | 12985  | 262402  | 3.07%  | 0.120% |
| 132 | 9.995  | 9.961  | 10.036 | VV | 4868   | 150846  | 1.77%  | 0.069% |
| 133 | 10.065 | 10.036 | 10.138 | VV | 5131   | 118700  | 1.39%  | 0.054% |
| 134 | 10.159 | 10.138 | 10.167 | PV | 1202   | 12986   | 0.15%  | 0.006% |
| 135 | 10.185 | 10.167 | 10.200 | VV | 1578   | 25427   | 0.30%  | 0.012% |
| 136 | 10.226 | 10.200 | 10.253 | VV | 5761   | 91962   | 1.08%  | 0.042% |
| 137 | 10.271 | 10.253 | 10.307 | VV | 2862   | 67936   | 0.80%  | 0.031% |
| 138 | 10.331 | 10.307 | 10.341 | VV | 9047   | 113898  | 1.33%  | 0.052% |
| 139 | 10.366 | 10.341 | 10.389 | VV | 28405  | 464762  | 5.44%  | 0.212% |
| 140 | 10.408 | 10.389 | 10.444 | VV | 19892  | 316006  | 3.70%  | 0.144% |
| 141 | 10.481 | 10.444 | 10.523 | VV | 23026  | 437693  | 5.13%  | 0.200% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.542 | 10.523 | 10.589 | VV | 7008   | 195453  | 2.29%  | 0.089% |
| 143 | 10.618 | 10.589 | 10.631 | VV | 7249   | 128394  | 1.50%  | 0.059% |
| 144 | 10.651 | 10.631 | 10.669 | VV | 13876  | 203335  | 2.38%  | 0.093% |
| 145 | 10.693 | 10.669 | 10.728 | VV | 28275  | 494203  | 5.79%  | 0.225% |
| 146 | 10.738 | 10.728 | 10.745 | VV | 4312   | 41145   | 0.48%  | 0.019% |
| 147 | 10.756 | 10.745 | 10.774 | VV | 4589   | 68087   | 0.80%  | 0.031% |
| 148 | 10.789 | 10.774 | 10.806 | VV | 5777   | 75233   | 0.88%  | 0.034% |
| 149 | 10.817 | 10.806 | 10.835 | VV | 2943   | 41981   | 0.49%  | 0.019% |
| 150 | 10.886 | 10.835 | 10.940 | VV | 389432 | 4551748 | 53.30% | 2.076% |
| 151 | 10.963 | 10.940 | 11.041 | VV | 94568  | 1351982 | 15.83% | 0.617% |
| 152 | 11.066 | 11.041 | 11.088 | VV | 3578   | 77951   | 0.91%  | 0.036% |
| 153 | 11.096 | 11.088 | 11.116 | VV | 2557   | 27861   | 0.33%  | 0.013% |
| 154 | 11.129 | 11.116 | 11.137 | VV | 830    | 8027    | 0.09%  | 0.004% |
| 155 | 11.150 | 11.137 | 11.166 | VV | 828    | 10085   | 0.12%  | 0.005% |
| 156 | 11.194 | 11.166 | 11.215 | PV | 9050   | 134998  | 1.58%  | 0.062% |
| 157 | 11.249 | 11.215 | 11.263 | VV | 9602   | 187173  | 2.19%  | 0.085% |
| 158 | 11.279 | 11.263 | 11.300 | VV | 10812  | 167768  | 1.96%  | 0.077% |
| 159 | 11.318 | 11.300 | 11.338 | VV | 6914   | 113925  | 1.33%  | 0.052% |
| 160 | 11.366 | 11.338 | 11.385 | VV | 6233   | 127177  | 1.49%  | 0.058% |
| 161 | 11.413 | 11.385 | 11.455 | VV | 25578  | 404138  | 4.73%  | 0.184% |
| 162 | 11.481 | 11.455 | 11.504 | VV | 10729  | 153487  | 1.80%  | 0.070% |
| 163 | 11.540 | 11.504 | 11.600 | VV | 15671  | 318164  | 3.73%  | 0.145% |
| 164 | 11.648 | 11.600 | 11.671 | VV | 372214 | 4295493 | 50.30% | 1.959% |
| 165 | 11.687 | 11.671 | 11.703 | VV | 62712  | 767470  | 8.99%  | 0.350% |
| 166 | 11.719 | 11.703 | 11.763 | VV | 73672  | 902921  | 10.57% | 0.412% |
| 167 | 11.798 | 11.763 | 11.819 | VV | 95662  | 1311662 | 15.36% | 0.598% |
| 168 | 11.834 | 11.819 | 11.849 | VV | 49385  | 579557  | 6.79%  | 0.264% |
| 169 | 11.865 | 11.849 | 11.911 | VV | 59070  | 866673  | 10.15% | 0.395% |
| 170 | 11.927 | 11.911 | 11.947 | VV | 1311   | 17484   | 0.20%  | 0.008% |
| 171 | 11.986 | 11.947 | 12.008 | PV | 6941   | 122772  | 1.44%  | 0.056% |
| 172 | 12.051 | 12.008 | 12.072 | VV | 21734  | 317976  | 3.72%  | 0.145% |
| 173 | 12.089 | 12.072 | 12.134 | VV | 10501  | 201713  | 2.36%  | 0.092% |
| 174 | 12.159 | 12.134 | 12.200 | VV | 26004  | 457908  | 5.36%  | 0.209% |
| 175 | 12.219 | 12.200 | 12.270 | VV | 11537  | 229053  | 2.68%  | 0.104% |
| 176 | 12.298 | 12.270 | 12.318 | VV | 6645   | 113828  | 1.33%  | 0.052% |
| 177 | 12.361 | 12.318 | 12.393 | VV | 7878   | 237282  | 2.78%  | 0.108% |
| 178 | 12.407 | 12.393 | 12.417 | VV | 6203   | 81142   | 0.95%  | 0.037% |
| 179 | 12.433 | 12.417 | 12.458 | VV | 8387   | 155238  | 1.82%  | 0.071% |
| 180 | 12.476 | 12.458 | 12.525 | VV | 17990  | 342760  | 4.01%  | 0.156% |
| 181 | 12.582 | 12.525 | 12.603 | VV | 65323  | 1019260 | 11.93% | 0.465% |
| 182 | 12.621 | 12.603 | 12.637 | VV | 27556  | 443721  | 5.20%  | 0.202% |
| 183 | 12.648 | 12.637 | 12.678 | VV | 22414  | 392417  | 4.59%  | 0.179% |
| 184 | 12.703 | 12.678 | 12.768 | VV | 406380 | 4870548 | 57.03% | 2.221% |
| 185 | 12.800 | 12.768 | 12.815 | PV | 7321   | 90924   | 1.06%  | 0.041% |
| 186 | 12.855 | 12.815 | 12.872 | VV | 17770  | 336313  | 3.94%  | 0.153% |
| 187 | 12.889 | 12.872 | 12.906 | VV | 23319  | 300914  | 3.52%  | 0.137% |
| 188 | 12.917 | 12.906 | 12.934 | VV | 11878  | 166101  | 1.94%  | 0.076% |
| 189 | 12.951 | 12.934 | 12.971 | VV | 10071  | 169024  | 1.98%  | 0.077% |
| 190 | 12.999 | 12.971 | 13.035 | VV | 381109 | 4539187 | 53.15% | 2.070% |
| 191 | 13.071 | 13.035 | 13.101 | VV | 328153 | 5093640 | 59.64% | 2.323% |
| 192 | 13.118 | 13.101 | 13.144 | VV | 73686  | 1023586 | 11.99% | 0.467% |
| 193 | 13.154 | 13.144 | 13.164 | VV | 8481   | 94309   | 1.10%  | 0.043% |
| 194 | 13.181 | 13.164 | 13.221 | VV | 11317  | 223172  | 2.61%  | 0.102% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.239 | 13.221 | 13.250 | PV | 4560   | 48097   | 0.56%  | 0.022% |
| 196 | 13.293 | 13.250 | 13.313 | VV | 24535  | 564887  | 6.61%  | 0.258% |
| 197 | 13.329 | 13.313 | 13.367 | VV | 15515  | 238195  | 2.79%  | 0.109% |
| 198 | 13.412 | 13.367 | 13.436 | PV | 14184  | 348057  | 4.08%  | 0.159% |
| 199 | 13.460 | 13.436 | 13.527 | VV | 32767  | 654780  | 7.67%  | 0.299% |
| 200 | 13.590 | 13.527 | 13.634 | VV | 83698  | 1548962 | 18.14% | 0.706% |
| 201 | 13.650 | 13.634 | 13.669 | VV | 9756   | 134282  | 1.57%  | 0.061% |
| 202 | 13.696 | 13.669 | 13.718 | VV | 56151  | 768010  | 8.99%  | 0.350% |
| 203 | 13.738 | 13.718 | 13.794 | VV | 41326  | 808304  | 9.46%  | 0.369% |
| 204 | 13.863 | 13.794 | 13.886 | VV | 44494  | 1023231 | 11.98% | 0.467% |
| 205 | 13.905 | 13.886 | 13.954 | VV | 34947  | 566425  | 6.63%  | 0.258% |
| 206 | 13.966 | 13.954 | 14.002 | VV | 5355   | 92212   | 1.08%  | 0.042% |
| 207 | 14.031 | 14.002 | 14.048 | PV | 6080   | 102278  | 1.20%  | 0.047% |
| 208 | 14.056 | 14.048 | 14.074 | VV | 4159   | 50486   | 0.59%  | 0.023% |
| 209 | 14.092 | 14.074 | 14.111 | VV | 3191   | 52819   | 0.62%  | 0.024% |
| 210 | 14.121 | 14.111 | 14.141 | VV | 2599   | 29466   | 0.35%  | 0.013% |
| 211 | 14.176 | 14.141 | 14.198 | PV | 5220   | 88158   | 1.03%  | 0.040% |
| 212 | 14.224 | 14.198 | 14.240 | VV | 3094   | 64985   | 0.76%  | 0.030% |
| 213 | 14.293 | 14.240 | 14.307 | VV | 20445  | 455113  | 5.33%  | 0.208% |
| 214 | 14.316 | 14.307 | 14.343 | VV | 19041  | 285657  | 3.34%  | 0.130% |
| 215 | 14.387 | 14.343 | 14.407 | VV | 16238  | 408316  | 4.78%  | 0.186% |
| 216 | 14.427 | 14.407 | 14.477 | VV | 21546  | 494012  | 5.78%  | 0.225% |
| 217 | 14.505 | 14.477 | 14.537 | VV | 27928  | 549658  | 6.44%  | 0.251% |
| 218 | 14.564 | 14.537 | 14.604 | VV | 44059  | 879818  | 10.30% | 0.401% |
| 219 | 14.624 | 14.604 | 14.653 | VV | 15607  | 277258  | 3.25%  | 0.126% |
| 220 | 14.681 | 14.653 | 14.705 | VV | 11004  | 218168  | 2.55%  | 0.100% |
| 221 | 14.728 | 14.705 | 14.741 | VV | 9624   | 150043  | 1.76%  | 0.068% |
| 222 | 14.759 | 14.741 | 14.791 | VV | 12020  | 204256  | 2.39%  | 0.093% |
| 223 | 14.807 | 14.791 | 14.824 | VV | 1150   | 13952   | 0.16%  | 0.006% |
| 224 | 14.878 | 14.824 | 14.899 | PV | 158693 | 2136037 | 25.01% | 0.974% |
| 225 | 14.919 | 14.899 | 14.982 | VV | 146118 | 2173799 | 25.45% | 0.991% |
| 226 | 15.037 | 14.982 | 15.059 | VV | 32241  | 560293  | 6.56%  | 0.256% |
| 227 | 15.079 | 15.059 | 15.139 | VV | 17189  | 409070  | 4.79%  | 0.187% |
| 228 | 15.185 | 15.139 | 15.208 | VV | 11013  | 195325  | 2.29%  | 0.089% |
| 229 | 15.229 | 15.208 | 15.290 | VV | 15033  | 354463  | 4.15%  | 0.162% |
| 230 | 15.334 | 15.290 | 15.364 | VV | 9752   | 243107  | 2.85%  | 0.111% |
| 231 | 15.388 | 15.364 | 15.399 | VV | 4739   | 78948   | 0.92%  | 0.036% |
| 232 | 15.434 | 15.399 | 15.454 | VV | 12352  | 225581  | 2.64%  | 0.103% |
| 233 | 15.465 | 15.454 | 15.484 | VV | 6198   | 69464   | 0.81%  | 0.032% |
| 234 | 15.507 | 15.484 | 15.526 | VV | 9070   | 112392  | 1.32%  | 0.051% |
| 235 | 15.552 | 15.526 | 15.575 | PV | 55305  | 746082  | 8.74%  | 0.340% |
| 236 | 15.590 | 15.575 | 15.621 | VV | 22728  | 353696  | 4.14%  | 0.161% |
| 237 | 15.641 | 15.621 | 15.671 | VV | 13505  | 281711  | 3.30%  | 0.128% |
| 238 | 15.714 | 15.671 | 15.760 | VV | 28938  | 905404  | 10.60% | 0.413% |
| 239 | 15.782 | 15.760 | 15.808 | VV | 11247  | 162424  | 1.90%  | 0.074% |
| 240 | 15.838 | 15.808 | 15.855 | VV | 4701   | 82259   | 0.96%  | 0.038% |
| 241 | 15.875 | 15.855 | 15.913 | VV | 8168   | 152691  | 1.79%  | 0.070% |
| 242 | 15.940 | 15.913 | 15.957 | VV | 10180  | 149536  | 1.75%  | 0.068% |
| 243 | 15.979 | 15.957 | 16.031 | VV | 8828   | 240729  | 2.82%  | 0.110% |
| 244 | 16.053 | 16.031 | 16.071 | VV | 4303   | 64486   | 0.76%  | 0.029% |
| 245 | 16.078 | 16.071 | 16.091 | VV | 2308   | 20094   | 0.24%  | 0.009% |
| 246 | 16.152 | 16.091 | 16.171 | VV | 8124   | 234755  | 2.75%  | 0.107% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.192 | 16.171 | 16.204 | PV | 6800   | 90403   | 1.06%  | 0.041% |
| 248    | 16.246 | 16.204 | 16.276 | VV | 15546  | 386041  | 4.52%  | 0.176% |
| 249    | 16.356 | 16.276 | 16.387 | VV | 11852  | 421451  | 4.93%  | 0.192% |
| 250    | 16.442 | 16.387 | 16.462 | PV | 153566 | 2482236 | 29.07% | 1.132% |
| 251    | 16.469 | 16.462 | 16.510 | VV | 59749  | 808286  | 9.46%  | 0.369% |
| 252    | 16.523 | 16.510 | 16.540 | VV | 5754   | 78278   | 0.92%  | 0.036% |
| 253    | 16.575 | 16.540 | 16.598 | VV | 32490  | 514701  | 6.03%  | 0.235% |
| 254    | 16.610 | 16.598 | 16.665 | VV | 10878  | 205983  | 2.41%  | 0.094% |
| 255    | 16.716 | 16.665 | 16.741 | PV | 35646  | 600147  | 7.03%  | 0.274% |
| 256    | 16.764 | 16.741 | 16.796 | VV | 88035  | 1191363 | 13.95% | 0.543% |
| 257    | 16.824 | 16.796 | 16.867 | VV | 123773 | 1831235 | 21.44% | 0.835% |
| 258    | 16.888 | 16.867 | 16.909 | VV | 18628  | 353822  | 4.14%  | 0.161% |
| 259    | 17.931 | 17.909 | 17.955 | VV | 38915  | 601146  | 7.04%  | 0.274% |
| 260    | 16.966 | 16.955 | 16.989 | VV | 11213  | 156253  | 1.83%  | 0.071% |
| 261    | 17.006 | 16.989 | 17.018 | VV | 5351   | 70864   | 0.83%  | 0.032% |
| 262    | 17.066 | 17.018 | 17.143 | VV | 20001  | 905757  | 10.61% | 0.413% |
| 263    | 17.189 | 17.143 | 17.250 | VV | 31968  | 1173809 | 13.74% | 0.535% |
| 264    | 17.285 | 17.250 | 17.305 | VV | 18170  | 430423  | 5.04%  | 0.196% |
| 265    | 17.331 | 17.305 | 17.343 | VV | 26810  | 440399  | 5.16%  | 0.201% |
| 266    | 17.355 | 17.343 | 17.384 | VV | 23544  | 431399  | 5.05%  | 0.197% |
| 267    | 17.425 | 17.384 | 17.461 | VV | 22828  | 688437  | 8.06%  | 0.314% |
| 268    | 17.488 | 17.461 | 17.571 | VV | 25141  | 756377  | 8.86%  | 0.345% |
| 269    | 17.605 | 17.571 | 17.638 | VV | 8566   | 186797  | 2.19%  | 0.085% |
| 270    | 17.659 | 17.638 | 17.676 | VV | 6309   | 99150   | 1.16%  | 0.045% |
| 271    | 17.696 | 17.676 | 17.714 | VV | 5509   | 83097   | 0.97%  | 0.038% |
| 272    | 17.731 | 17.714 | 17.742 | VV | 8815   | 95244   | 1.12%  | 0.043% |
| 273    | 17.765 | 17.742 | 17.780 | VV | 15783  | 267293  | 3.13%  | 0.122% |
| 274    | 17.790 | 17.780 | 17.836 | VV | 12359  | 207259  | 2.43%  | 0.095% |
| 275    | 17.897 | 17.836 | 17.956 | PV | 40482  | 1173563 | 13.74% | 0.535% |
| 276    | 17.968 | 17.956 | 17.981 | VV | 11590  | 146371  | 1.71%  | 0.067% |
| 277    | 18.002 | 17.981 | 18.021 | VV | 11768  | 237019  | 2.78%  | 0.108% |
| 278    | 18.051 | 18.021 | 18.070 | VV | 14900  | 361941  | 4.24%  | 0.165% |
| 279    | 18.112 | 18.070 | 18.165 | VV | 38628  | 1125563 | 13.18% | 0.513% |
| 280    | 18.210 | 18.165 | 18.239 | VV | 80002  | 1692952 | 19.82% | 0.772% |
| 281    | 18.262 | 18.239 | 18.318 | VV | 50223  | 1194551 | 13.99% | 0.545% |
| 282    | 18.341 | 18.318 | 18.357 | VV | 19051  | 280169  | 3.28%  | 0.128% |
| 283    | 18.373 | 18.357 | 18.398 | VV | 17394  | 254840  | 2.98%  | 0.116% |
| 284    | 18.418 | 18.398 | 18.434 | VV | 6563   | 90859   | 1.06%  | 0.041% |
| 285    | 18.464 | 18.434 | 18.514 | VV | 67198  | 1005161 | 11.77% | 0.458% |
| 286    | 18.603 | 18.514 | 18.635 | VV | 38913  | 1215226 | 14.23% | 0.554% |
| 287    | 18.645 | 18.635 | 18.664 | VV | 15158  | 248961  | 2.92%  | 0.114% |
| 288    | 18.688 | 18.664 | 18.712 | VV | 37101  | 760733  | 8.91%  | 0.347% |
| 289    | 18.732 | 18.712 | 18.763 | VV | 33343  | 719731  | 8.43%  | 0.328% |
| 290    | 18.786 | 18.763 | 18.807 | VV | 19695  | 461567  | 5.40%  | 0.211% |
| 291    | 18.903 | 18.807 | 18.922 | VV | 35159  | 1293264 | 15.14% | 0.590% |
| 292    | 18.950 | 18.922 | 18.971 | VV | 22504  | 574657  | 6.73%  | 0.262% |
| 293    | 19.015 | 18.971 | 19.038 | VV | 31722  | 994769  | 11.65% | 0.454% |
| 294    | 19.045 | 19.038 | 19.052 | VV | 20813  | 174105  | 2.04%  | 0.079% |
| 295    | 19.082 | 19.052 | 19.110 | VV | 33297  | 846993  | 9.92%  | 0.386% |
| 296    | 19.160 | 19.110 | 19.218 | VV | 28637  | 1490598 | 17.45% | 0.680% |
| 297    | 19.266 | 19.218 | 19.273 | VV | 19007  | 597999  | 7.00%  | 0.273% |
| 298    | 19.390 | 19.273 | 19.431 | VV | 48323  | 2805368 | 32.85% | 1.280% |
| 299    | 19.485 | 19.431 | 19.524 | VV | 51257  | 2322658 | 27.20% | 1.059% |

|     |        |        |        |    |        |                         |           |        |
|-----|--------|--------|--------|----|--------|-------------------------|-----------|--------|
|     |        |        |        |    |        | rters                   |           |        |
| 300 | 19.548 | 19.524 | 19.574 | VV | 42571  | 1178236                 | 13.80%    | 0.537% |
| 301 | 19.632 | 19.574 | 19.661 | VV | 58485  | 2293305                 | 26.85%    | 1.046% |
| 302 | 19.714 | 19.661 | 19.731 | VV | 62730  | 2119195                 | 24.81%    | 0.967% |
| 303 | 19.758 | 19.731 | 19.773 | VV | 69882  | 1586092                 | 18.57%    | 0.723% |
| 304 | 19.795 | 19.773 | 19.834 | VV | 76569  | 2631283                 | 30.81%    | 1.200% |
| 305 | 19.842 | 19.834 | 19.884 | VV | 71038  | 1991314                 | 23.32%    | 0.908% |
| 306 | 19.905 | 19.884 | 19.923 | VV | 70618  | 1552216                 | 18.18%    | 0.708% |
| 307 | 19.933 | 19.923 | 19.986 | VV | 65214  | 2134857                 | 25.00%    | 0.974% |
| 308 | 20.019 | 19.986 | 20.057 | VV | 82377  | 2538791                 | 29.73%    | 1.158% |
| 309 | 20.175 | 20.057 | 20.188 | VV | 87967  | 5282517                 | 61.86%    | 2.409% |
| 310 | 20.259 | 20.188 | 20.353 | VV | 98835  | 8499449                 | 99.52%    | 3.877% |
| 311 | 20.363 | 20.353 | 20.374 | VV | 63661  | 800441                  | 9.37%     | 0.365% |
| 312 | 20.388 | 20.374 | 20.401 | VV | 68497  | 1060793                 | 12.42%    | 0.484% |
| 313 | 20.472 | 20.401 | 20.493 | VV | 109784 | 5114147                 | 59.88%    | 2.333% |
| 314 | 20.509 | 20.493 | 20.561 | VV | 112107 | 4280669                 | 50.12%    | 1.952% |
| 315 | 20.649 | 20.561 | 20.666 | VV | 113608 | 6865990                 | 80.40%    | 3.132% |
| 316 | 20.732 | 20.666 | 20.744 | VV | 131716 | 5637956                 | 66.02%    | 2.571% |
| 317 | 20.770 | 20.744 | 20.869 | VV | 130367 | 8540112                 | 100.00%   | 3.895% |
| 318 | 20.932 | 20.869 | 20.967 | VV | 100941 | 5613020                 | 65.73%    | 2.560% |
| 319 | 20.977 | 20.967 | 20.987 | VV | 95629  | 1122355                 | 13.14%    | 0.512% |
| 320 | 21.022 | 20.987 | 21.056 | VV | 98794  | 3964137                 | 46.42%    | 1.808% |
| 321 | 21.088 | 21.056 | 21.177 | VV | 105530 | 6210028                 | 72.72%    | 2.832% |
| 322 | 21.187 | 21.177 | 21.211 | VV | 56957  | 1084381                 | 12.70%    | 0.495% |
| 323 | 21.297 | 21.211 | 21.385 | VV | 70995  | 6444737                 | 75.46%    | 2.939% |
| 324 | 21.436 | 21.385 | 21.524 | VV | 73172  | 4882944                 | 57.18%    | 2.227% |
| 325 | 21.549 | 21.524 | 21.563 | VV | 44942  | 982890                  | 11.51%    | 0.448% |
| 326 | 21.611 | 21.563 | 21.627 | VV | 53159  | 1848431                 | 21.64%    | 0.843% |
| 327 | 21.644 | 21.627 | 21.786 | VV | 50065  | 2720184                 | 31.85%    | 1.241% |
|     |        |        |        |    |        | Sum of corrected areas: | 219254000 |        |

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