

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052623AL\  
 Data File : FE042263.D  
 Signal(s) : FID1B.ch  
 Acq On : 26 May 2023 21:06  
 Sample : 02923-01  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.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         | 3.354       | 3.304        | 3.422      | BV       | 394            | 9804         | 0.06%          | 0.003%        |
| 2         | 3.468       | 3.422        | 3.501      | VV       | 178            | 5234         | 0.03%          | 0.002%        |
| 3         | 3.528       | 3.501        | 3.543      | VV       | 162            | 2719         | 0.02%          | 0.001%        |
| 4         | 3.560       | 3.543        | 3.571      | VV       | 206            | 2604         | 0.02%          | 0.001%        |
| 5         | 3.586       | 3.571        | 3.644      | VV       | 195            | 4602         | 0.03%          | 0.002%        |
| 6         | 3.655       | 3.644        | 3.674      | PV       | 225            | 2500         | 0.02%          | 0.001%        |
| 7         | 3.698       | 3.674        | 3.758      | VV       | 191            | 6210         | 0.04%          | 0.002%        |
| 8         | 3.782       | 3.758        | 3.801      | VV       | 300            | 5107         | 0.03%          | 0.002%        |
| 9         | 3.814       | 3.801        | 3.860      | VV       | 237            | 6182         | 0.04%          | 0.002%        |
| 10        | 3.897       | 3.860        | 3.917      | VV       | 195            | 4356         | 0.03%          | 0.001%        |
| 11        | 3.930       | 3.917        | 4.011      | VV       | 292            | 8379         | 0.06%          | 0.003%        |
| 12        | 4.052       | 4.011        | 4.101      | VV       | 287            | 8905         | 0.06%          | 0.003%        |
| 13        | 4.137       | 4.101        | 4.174      | VV       | 316            | 8665         | 0.06%          | 0.003%        |
| 14        | 4.197       | 4.174        | 4.244      | VV       | 535            | 11853        | 0.08%          | 0.004%        |
| 15        | 4.252       | 4.244        | 4.270      | VV       | 253            | 3115         | 0.02%          | 0.001%        |
| 16        | 4.296       | 4.270        | 4.304      | VV       | 595            | 7600         | 0.05%          | 0.003%        |
| 17        | 4.314       | 4.304        | 4.351      | VV       | 548            | 11774        | 0.08%          | 0.004%        |
| 18        | 4.356       | 4.351        | 4.395      | VV       | 454            | 8012         | 0.05%          | 0.003%        |
| 19        | 4.401       | 4.395        | 4.451      | VV       | 253            | 6707         | 0.04%          | 0.002%        |
| 20        | 4.460       | 4.451        | 4.484      | VV       | 234            | 3959         | 0.03%          | 0.001%        |
| 21        | 4.492       | 4.484        | 4.510      | VV       | 318            | 3917         | 0.03%          | 0.001%        |
| 22        | 4.526       | 4.510        | 4.554      | VV       | 322            | 7224         | 0.05%          | 0.002%        |
| 23        | 4.565       | 4.554        | 4.578      | VV       | 243            | 2959         | 0.02%          | 0.001%        |
| 24        | 4.596       | 4.578        | 4.623      | VV       | 563            | 8807         | 0.06%          | 0.003%        |
| 25        | 4.634       | 4.623        | 4.650      | VV       | 363            | 4352         | 0.03%          | 0.001%        |
| 26        | 4.664       | 4.650        | 4.690      | VV       | 259            | 4570         | 0.03%          | 0.002%        |
| 27        | 4.711       | 4.690        | 4.738      | VV       | 223            | 3873         | 0.03%          | 0.001%        |
| 28        | 4.756       | 4.738        | 4.788      | VV       | 334            | 4766         | 0.03%          | 0.002%        |
| 29        | 4.825       | 4.788        | 4.871      | VV       | 1185           | 20713        | 0.14%          | 0.007%        |
| 30        | 4.878       | 4.871        | 4.891      | VV       | 246            | 2674         | 0.02%          | 0.001%        |
| 31        | 4.906       | 4.891        | 4.924      | VV       | 294            | 4289         | 0.03%          | 0.001%        |
| 32        | 4.957       | 4.924        | 4.968      | VV       | 259            | 5245         | 0.03%          | 0.002%        |
| 33        | 4.975       | 4.968        | 4.982      | VV       | 195            | 1606         | 0.01%          | 0.001%        |
| 34        | 4.988       | 4.982        | 5.004      | VV       | 225            | 2524         | 0.02%          | 0.001%        |
| 35        | 5.012       | 5.004        | 5.027      | VV       | 257            | 2483         | 0.02%          | 0.001%        |
| 36        | 5.066       | 5.027        | 5.164      | VV       | 330            | 14476        | 0.10%          | 0.005%        |

|    |       |       |       |    | rt   | er    |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 5.172 | 5.164 | 5.186 | VV | 152  | 1061  | 0.01% | 0.000% |
| 38 | 5.226 | 5.186 | 5.244 | VV | 156  | 3765  | 0.02% | 0.001% |
| 39 | 5.247 | 5.244 | 5.294 | VV | 213  | 3363  | 0.02% | 0.001% |
| 40 | 5.307 | 5.294 | 5.333 | VV | 180  | 3728  | 0.02% | 0.001% |
| 41 | 5.350 | 5.333 | 5.368 | VV | 170  | 2767  | 0.02% | 0.001% |
| 42 | 5.380 | 5.368 | 5.398 | VV | 275  | 2177  | 0.01% | 0.001% |
| 43 | 5.406 | 5.398 | 5.448 | VV | 218  | 4109  | 0.03% | 0.001% |
| 44 | 5.487 | 5.448 | 5.517 | VV | 403  | 6209  | 0.04% | 0.002% |
| 45 | 5.537 | 5.517 | 5.566 | VV | 585  | 8369  | 0.06% | 0.003% |
| 46 | 5.606 | 5.566 | 5.648 | VV | 266  | 7274  | 0.05% | 0.002% |
| 47 | 5.733 | 5.648 | 5.772 | VV | 513  | 12814 | 0.08% | 0.004% |
| 48 | 5.783 | 5.772 | 5.817 | VV | 350  | 5679  | 0.04% | 0.002% |
| 49 | 5.840 | 5.817 | 5.895 | VV | 372  | 8213  | 0.05% | 0.003% |
| 50 | 5.924 | 5.895 | 5.958 | PV | 467  | 7742  | 0.05% | 0.003% |
| 51 | 6.004 | 5.958 | 6.021 | VV | 600  | 11415 | 0.08% | 0.004% |
| 52 | 6.046 | 6.021 | 6.129 | VV | 758  | 24524 | 0.16% | 0.008% |
| 53 | 6.165 | 6.129 | 6.187 | VV | 259  | 6348  | 0.04% | 0.002% |
| 54 | 6.210 | 6.187 | 6.233 | VV | 264  | 4708  | 0.03% | 0.002% |
| 55 | 6.265 | 6.233 | 6.280 | VV | 323  | 6371  | 0.04% | 0.002% |
| 56 | 6.306 | 6.280 | 6.341 | VV | 5754 | 69522 | 0.46% | 0.023% |
| 57 | 6.355 | 6.341 | 6.398 | VV | 453  | 9596  | 0.06% | 0.003% |
| 58 | 6.406 | 6.398 | 6.434 | VV | 324  | 4757  | 0.03% | 0.002% |
| 59 | 6.473 | 6.434 | 6.521 | VV | 406  | 12097 | 0.08% | 0.004% |
| 60 | 6.551 | 6.521 | 6.584 | VV | 250  | 5539  | 0.04% | 0.002% |
| 61 | 6.603 | 6.584 | 6.634 | VV | 537  | 7483  | 0.05% | 0.002% |
| 62 | 6.653 | 6.634 | 6.661 | VV | 255  | 3304  | 0.02% | 0.001% |
| 63 | 6.681 | 6.661 | 6.742 | VV | 301  | 10494 | 0.07% | 0.003% |
| 64 | 6.762 | 6.742 | 6.789 | VV | 729  | 8035  | 0.05% | 0.003% |
| 65 | 6.819 | 6.789 | 6.834 | VV | 200  | 3020  | 0.02% | 0.001% |
| 66 | 6.843 | 6.834 | 6.868 | VV | 235  | 3069  | 0.02% | 0.001% |
| 67 | 6.891 | 6.868 | 6.900 | VV | 181  | 2710  | 0.02% | 0.001% |
| 68 | 6.916 | 6.900 | 6.934 | VV | 509  | 5507  | 0.04% | 0.002% |
| 69 | 6.956 | 6.934 | 6.980 | VV | 379  | 6034  | 0.04% | 0.002% |
| 70 | 6.991 | 6.980 | 7.001 | VV | 212  | 982   | 0.01% | 0.000% |
| 71 | 7.033 | 7.001 | 7.061 | PV | 234  | 4451  | 0.03% | 0.001% |
| 72 | 7.092 | 7.061 | 7.118 | VV | 451  | 8890  | 0.06% | 0.003% |
| 73 | 7.171 | 7.118 | 7.192 | VV | 420  | 11809 | 0.08% | 0.004% |
| 74 | 7.219 | 7.192 | 7.241 | VV | 335  | 8411  | 0.06% | 0.003% |
| 75 | 7.259 | 7.241 | 7.287 | VV | 714  | 13961 | 0.09% | 0.005% |
| 76 | 7.304 | 7.287 | 7.322 | VV | 625  | 11238 | 0.07% | 0.004% |
| 77 | 7.336 | 7.322 | 7.371 | VV | 562  | 12827 | 0.08% | 0.004% |
| 78 | 7.401 | 7.371 | 7.467 | VV | 4845 | 74496 | 0.49% | 0.025% |
| 79 | 7.488 | 7.467 | 7.517 | VV | 856  | 15587 | 0.10% | 0.005% |
| 80 | 7.539 | 7.517 | 7.568 | VV | 4888 | 53211 | 0.35% | 0.018% |
| 81 | 7.581 | 7.568 | 7.628 | VV | 506  | 10120 | 0.07% | 0.003% |
| 82 | 7.630 | 7.628 | 7.644 | VV | 233  | 1293  | 0.01% | 0.000% |
| 83 | 7.712 | 7.644 | 7.738 | VV | 1167 | 20995 | 0.14% | 0.007% |
| 84 | 7.774 | 7.738 | 7.818 | VV | 266  | 7961  | 0.05% | 0.003% |
| 85 | 7.840 | 7.818 | 7.864 | VV | 284  | 4833  | 0.03% | 0.002% |
| 86 | 7.891 | 7.864 | 7.917 | VV | 481  | 7074  | 0.05% | 0.002% |
| 87 | 7.937 | 7.917 | 7.954 | VV | 181  | 2280  | 0.02% | 0.001% |
| 88 | 7.969 | 7.954 | 7.982 | VV | 97   | 1159  | 0.01% | 0.000% |
| 89 | 8.141 | 8.113 | 8.217 | VV | 2221 | 64186 | 0.42% | 0.021% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.242  | 8.217  | 8.264  | VV | 671    | 11581  | 0.08% | 0.004% |
| 91  | 8.300  | 8.264  | 8.357  | VV | 1080   | 38227  | 0.25% | 0.013% |
| 92  | 8.371  | 8.357  | 8.380  | VV | 594    | 7078   | 0.05% | 0.002% |
| 93  | 8.413  | 8.380  | 8.453  | VV | 2456   | 54987  | 0.36% | 0.018% |
| 94  | 8.472  | 8.453  | 8.493  | VV | 655    | 13291  | 0.09% | 0.004% |
| 95  | 8.518  | 8.493  | 8.534  | VV | 4939   | 57098  | 0.38% | 0.019% |
| 96  | 8.546  | 8.534  | 8.562  | VV | 2797   | 31195  | 0.21% | 0.010% |
| 97  | 8.590  | 8.562  | 8.621  | VV | 2426   | 49324  | 0.32% | 0.016% |
| 98  | 8.635  | 8.621  | 8.651  | VV | 463    | 6501   | 0.04% | 0.002% |
| 99  | 8.704  | 8.651  | 8.741  | VV | 8264   | 138802 | 0.91% | 0.046% |
| 100 | 8.754  | 8.741  | 8.775  | VV | 1012   | 14813  | 0.10% | 0.005% |
| 101 | 8.795  | 8.775  | 8.829  | VV | 1341   | 19268  | 0.13% | 0.006% |
| 102 | 8.842  | 8.829  | 8.861  | VV | 309    | 3707   | 0.02% | 0.001% |
| 103 | 9.002  | 8.979  | 9.031  | VV | 8404   | 114840 | 0.76% | 0.038% |
| 104 | 9.050  | 9.031  | 9.102  | VV | 2190   | 50944  | 0.34% | 0.017% |
| 105 | 9.127  | 9.102  | 9.155  | VV | 1634   | 35213  | 0.23% | 0.012% |
| 106 | 9.163  | 9.155  | 9.178  | VV | 600    | 8113   | 0.05% | 0.003% |
| 107 | 9.244  | 9.178  | 9.260  | VV | 2121   | 49325  | 0.32% | 0.016% |
| 108 | 9.278  | 9.260  | 9.303  | VV | 4647   | 57840  | 0.38% | 0.019% |
| 109 | 9.346  | 9.303  | 9.384  | VV | 1179   | 46401  | 0.31% | 0.015% |
| 110 | 9.416  | 9.384  | 9.437  | VV | 3398   | 48278  | 0.32% | 0.016% |
| 111 | 9.456  | 9.437  | 9.495  | VV | 2710   | 42190  | 0.28% | 0.014% |
| 112 | 9.512  | 9.495  | 9.541  | VV | 692    | 11440  | 0.08% | 0.004% |
| 113 | 9.571  | 9.541  | 9.589  | VV | 2700   | 33996  | 0.22% | 0.011% |
| 114 | 9.604  | 9.589  | 9.641  | VV | 1808   | 24806  | 0.16% | 0.008% |
| 115 | 9.656  | 9.641  | 9.676  | VV | 1565   | 18950  | 0.12% | 0.006% |
| 116 | 9.708  | 9.676  | 9.729  | VV | 2069   | 33344  | 0.22% | 0.011% |
| 117 | 9.750  | 9.729  | 9.767  | VV | 1962   | 24749  | 0.16% | 0.008% |
| 118 | 9.791  | 9.767  | 9.845  | VV | 12146  | 175967 | 1.16% | 0.058% |
| 119 | 9.870  | 9.845  | 9.900  | VV | 2900   | 48385  | 0.32% | 0.016% |
| 120 | 9.939  | 9.900  | 9.959  | VV | 3008   | 57454  | 0.38% | 0.019% |
| 121 | 9.972  | 9.959  | 9.986  | VV | 1625   | 20899  | 0.14% | 0.007% |
| 122 | 10.001 | 9.986  | 10.024 | VV | 1882   | 26030  | 0.17% | 0.009% |
| 123 | 10.069 | 10.024 | 10.097 | VV | 34313  | 409986 | 2.70% | 0.135% |
| 124 | 10.113 | 10.097 | 10.154 | VV | 3588   | 69711  | 0.46% | 0.023% |
| 125 | 10.160 | 10.154 | 10.180 | VV | 1103   | 13529  | 0.09% | 0.004% |
| 126 | 10.210 | 10.180 | 10.260 | VV | 3077   | 86777  | 0.57% | 0.029% |
| 127 | 10.277 | 10.260 | 10.292 | VV | 762    | 11301  | 0.07% | 0.004% |
| 128 | 10.308 | 10.292 | 10.345 | VV | 839    | 13797  | 0.09% | 0.005% |
| 129 | 10.373 | 10.345 | 10.441 | VV | 899    | 18334  | 0.12% | 0.006% |
| 130 | 10.478 | 10.441 | 10.518 | PV | 414    | 8504   | 0.06% | 0.003% |
| 131 | 10.541 | 10.518 | 10.567 | VV | 2680   | 35102  | 0.23% | 0.012% |
| 132 | 10.588 | 10.567 | 10.614 | VV | 1679   | 23937  | 0.16% | 0.008% |
| 133 | 10.646 | 10.614 | 10.655 | VV | 2164   | 30087  | 0.20% | 0.010% |
| 134 | 10.675 | 10.655 | 10.698 | VV | 5384   | 76309  | 0.50% | 0.025% |
| 135 | 10.716 | 10.698 | 10.758 | VV | 3788   | 55274  | 0.36% | 0.018% |
| 136 | 10.793 | 10.758 | 10.826 | VV | 4026   | 67760  | 0.45% | 0.022% |
| 137 | 10.850 | 10.826 | 10.903 | VV | 3583   | 78088  | 0.51% | 0.026% |
| 138 | 10.937 | 10.903 | 10.949 | VV | 2323   | 40492  | 0.27% | 0.013% |
| 139 | 10.962 | 10.949 | 10.976 | VV | 2874   | 34926  | 0.23% | 0.012% |
| 140 | 11.002 | 10.976 | 11.041 | VV | 7423   | 129217 | 0.85% | 0.043% |
| 141 | 11.069 | 11.041 | 11.078 | VV | 1039   | 18098  | 0.12% | 0.006% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.094 | 11.078 | 11.111 | VV | 1536   | 19081   | 0.13%  | 0.006% |
| 143 | 11.125 | 11.111 | 11.144 | VV | 721    | 10734   | 0.07%  | 0.004% |
| 144 | 11.197 | 11.144 | 11.244 | VV | 86004  | 1011754 | 6.66%  | 0.334% |
| 145 | 11.272 | 11.244 | 11.318 | VV | 23994  | 309732  | 2.04%  | 0.102% |
| 146 | 11.327 | 11.318 | 11.344 | VV | 1160   | 14828   | 0.10%  | 0.005% |
| 147 | 11.354 | 11.344 | 11.392 | VV | 728    | 16437   | 0.11%  | 0.005% |
| 148 | 11.408 | 11.392 | 11.427 | VV | 715    | 8743    | 0.06%  | 0.003% |
| 149 | 11.447 | 11.427 | 11.466 | PV | 826    | 10713   | 0.07%  | 0.004% |
| 150 | 11.491 | 11.466 | 11.529 | VV | 5796   | 90002   | 0.59%  | 0.030% |
| 151 | 11.561 | 11.529 | 11.575 | VV | 1570   | 31261   | 0.21%  | 0.010% |
| 152 | 11.592 | 11.575 | 11.610 | VV | 1850   | 30815   | 0.20%  | 0.010% |
| 153 | 11.642 | 11.610 | 11.660 | VV | 1992   | 41790   | 0.28%  | 0.014% |
| 154 | 11.688 | 11.660 | 11.698 | VV | 1739   | 28809   | 0.19%  | 0.010% |
| 155 | 11.725 | 11.698 | 11.762 | VV | 7979   | 135374  | 0.89%  | 0.045% |
| 156 | 11.796 | 11.762 | 11.820 | VV | 2373   | 37700   | 0.25%  | 0.012% |
| 157 | 11.851 | 11.820 | 11.873 | VV | 5164   | 68439   | 0.45%  | 0.023% |
| 158 | 11.891 | 11.873 | 11.914 | VV | 1840   | 25705   | 0.17%  | 0.008% |
| 159 | 11.965 | 11.914 | 11.989 | VV | 616733 | 6826904 | 44.97% | 2.253% |
| 160 | 12.001 | 11.989 | 12.017 | VV | 18602  | 210017  | 1.38%  | 0.069% |
| 161 | 12.033 | 12.017 | 12.071 | VV | 21064  | 255531  | 1.68%  | 0.084% |
| 162 | 12.116 | 12.071 | 12.134 | VV | 17192  | 281844  | 1.86%  | 0.093% |
| 163 | 12.150 | 12.134 | 12.165 | VV | 14645  | 168303  | 1.11%  | 0.056% |
| 164 | 12.181 | 12.165 | 12.227 | VV | 16949  | 208287  | 1.37%  | 0.069% |
| 165 | 12.257 | 12.227 | 12.275 | PV | 942    | 14405   | 0.09%  | 0.005% |
| 166 | 12.311 | 12.275 | 12.343 | PV | 1811   | 49829   | 0.33%  | 0.016% |
| 167 | 12.364 | 12.343 | 12.383 | VV | 4330   | 64637   | 0.43%  | 0.021% |
| 168 | 12.403 | 12.383 | 12.428 | VV | 3866   | 59082   | 0.39%  | 0.020% |
| 169 | 12.435 | 12.428 | 12.446 | VV | 618    | 5455    | 0.04%  | 0.002% |
| 170 | 12.472 | 12.446 | 12.491 | VV | 8404   | 99604   | 0.66%  | 0.033% |
| 171 | 12.504 | 12.491 | 12.516 | VV | 2800   | 32407   | 0.21%  | 0.011% |
| 172 | 12.536 | 12.516 | 12.593 | VV | 4370   | 84211   | 0.55%  | 0.028% |
| 173 | 12.617 | 12.593 | 12.632 | VV | 1732   | 24811   | 0.16%  | 0.008% |
| 174 | 12.650 | 12.632 | 12.664 | VV | 2613   | 32940   | 0.22%  | 0.011% |
| 175 | 12.680 | 12.664 | 12.714 | VV | 3277   | 65189   | 0.43%  | 0.022% |
| 176 | 12.749 | 12.714 | 12.773 | VV | 3340   | 84054   | 0.55%  | 0.028% |
| 177 | 12.792 | 12.773 | 12.831 | VV | 6329   | 119861  | 0.79%  | 0.040% |
| 178 | 12.855 | 12.831 | 12.879 | PV | 5640   | 89518   | 0.59%  | 0.030% |
| 179 | 12.902 | 12.879 | 12.922 | VV | 19023  | 245682  | 1.62%  | 0.081% |
| 180 | 12.938 | 12.922 | 12.991 | VV | 8200   | 232388  | 1.53%  | 0.077% |
| 181 | 13.018 | 12.991 | 13.065 | VV | 115111 | 1336234 | 8.80%  | 0.441% |
| 182 | 13.076 | 13.065 | 13.096 | VV | 1059   | 13861   | 0.09%  | 0.005% |
| 183 | 13.118 | 13.096 | 13.131 | VV | 1730   | 20491   | 0.13%  | 0.007% |
| 184 | 13.154 | 13.131 | 13.166 | VV | 4541   | 63723   | 0.42%  | 0.021% |
| 185 | 13.173 | 13.166 | 13.188 | VV | 3657   | 41796   | 0.28%  | 0.014% |
| 186 | 13.206 | 13.188 | 13.248 | VV | 6990   | 139360  | 0.92%  | 0.046% |
| 187 | 13.258 | 13.248 | 13.288 | VV | 2873   | 50282   | 0.33%  | 0.017% |
| 188 | 13.317 | 13.288 | 13.355 | VV | 99796  | 1188535 | 7.83%  | 0.392% |
| 189 | 13.400 | 13.355 | 13.438 | VV | 432401 | 5431920 | 35.78% | 1.793% |
| 190 | 13.447 | 13.438 | 13.471 | VV | 2290   | 36829   | 0.24%  | 0.012% |
| 191 | 13.492 | 13.471 | 13.514 | VV | 4270   | 77923   | 0.51%  | 0.026% |
| 192 | 13.520 | 13.514 | 13.544 | VV | 3079   | 29662   | 0.20%  | 0.010% |
| 193 | 13.586 | 13.544 | 13.631 | PV | 5931   | 153526  | 1.01%  | 0.051% |
| 194 | 13.650 | 13.631 | 13.691 | VV | 5315   | 89156   | 0.59%  | 0.029% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.714 | 13.691 | 13.727 | VV | 4337   | 55768  | 0.37% | 0.018% |
| 196 | 13.740 | 13.727 | 13.753 | VV | 3318   | 41907  | 0.28% | 0.014% |
| 197 | 13.777 | 13.753 | 13.801 | VV | 8805   | 147993 | 0.97% | 0.049% |
| 198 | 13.810 | 13.801 | 13.850 | VV | 1994   | 33924  | 0.22% | 0.011% |
| 199 | 13.906 | 13.850 | 13.939 | PV | 20896  | 355002 | 2.34% | 0.117% |
| 200 | 13.972 | 13.939 | 13.989 | VV | 2185   | 44039  | 0.29% | 0.015% |
| 201 | 14.014 | 13.989 | 14.034 | PV | 12435  | 159986 | 1.05% | 0.053% |
| 202 | 14.054 | 14.034 | 14.078 | VV | 12891  | 171008 | 1.13% | 0.056% |
| 203 | 14.098 | 14.078 | 14.120 | VV | 3436   | 65758  | 0.43% | 0.022% |
| 204 | 14.183 | 14.120 | 14.205 | VV | 13898  | 295400 | 1.95% | 0.098% |
| 205 | 14.224 | 14.205 | 14.254 | VV | 11148  | 142488 | 0.94% | 0.047% |
| 206 | 14.297 | 14.254 | 14.324 | VV | 1858   | 42433  | 0.28% | 0.014% |
| 207 | 14.373 | 14.324 | 14.404 | PV | 1534   | 38677  | 0.25% | 0.013% |
| 208 | 14.435 | 14.404 | 14.444 | VV | 654    | 10246  | 0.07% | 0.003% |
| 209 | 14.492 | 14.444 | 14.501 | VV | 930    | 18038  | 0.12% | 0.006% |
| 210 | 14.543 | 14.501 | 14.561 | VV | 2196   | 48533  | 0.32% | 0.016% |
| 211 | 14.610 | 14.561 | 14.624 | VV | 5172   | 129384 | 0.85% | 0.043% |
| 212 | 14.642 | 14.624 | 14.687 | VV | 9129   | 172202 | 1.13% | 0.057% |
| 213 | 14.715 | 14.687 | 14.730 | VV | 6050   | 88468  | 0.58% | 0.029% |
| 214 | 14.744 | 14.730 | 14.764 | VV | 5426   | 81165  | 0.53% | 0.027% |
| 215 | 14.778 | 14.764 | 14.794 | VV | 3343   | 51010  | 0.34% | 0.017% |
| 216 | 14.821 | 14.794 | 14.861 | VV | 10207  | 210234 | 1.38% | 0.069% |
| 217 | 14.884 | 14.861 | 14.906 | VV | 15248  | 201249 | 1.33% | 0.066% |
| 218 | 14.947 | 14.906 | 14.983 | VV | 7440   | 154331 | 1.02% | 0.051% |
| 219 | 15.006 | 14.983 | 15.026 | VV | 3034   | 44216  | 0.29% | 0.015% |
| 220 | 15.067 | 15.026 | 15.123 | VV | 3794   | 101511 | 0.67% | 0.034% |
| 221 | 15.149 | 15.123 | 15.163 | PV | 2669   | 35789  | 0.24% | 0.012% |
| 222 | 15.196 | 15.163 | 15.216 | VV | 41432  | 575329 | 3.79% | 0.190% |
| 223 | 15.237 | 15.216 | 15.270 | VV | 45069  | 612165 | 4.03% | 0.202% |
| 224 | 15.290 | 15.270 | 15.313 | VV | 2843   | 57802  | 0.38% | 0.019% |
| 225 | 15.356 | 15.313 | 15.381 | VV | 10400  | 205806 | 1.36% | 0.068% |
| 226 | 15.398 | 15.381 | 15.420 | VV | 4636   | 92811  | 0.61% | 0.031% |
| 227 | 15.440 | 15.420 | 15.468 | VV | 3324   | 67372  | 0.44% | 0.022% |
| 228 | 15.504 | 15.468 | 15.530 | VV | 6216   | 135209 | 0.89% | 0.045% |
| 229 | 15.555 | 15.530 | 15.586 | VV | 4896   | 130998 | 0.86% | 0.043% |
| 230 | 15.639 | 15.586 | 15.721 | VV | 24733  | 659843 | 4.35% | 0.218% |
| 231 | 15.776 | 15.721 | 15.808 | VV | 7321   | 229327 | 1.51% | 0.076% |
| 232 | 15.868 | 15.808 | 15.890 | VV | 18099  | 411223 | 2.71% | 0.136% |
| 233 | 15.908 | 15.890 | 15.940 | VV | 10549  | 197489 | 1.30% | 0.065% |
| 234 | 15.955 | 15.940 | 15.968 | VV | 4961   | 73297  | 0.48% | 0.024% |
| 235 | 16.032 | 15.968 | 16.078 | VV | 11629  | 455165 | 3.00% | 0.150% |
| 236 | 16.105 | 16.078 | 16.125 | VV | 5898   | 133875 | 0.88% | 0.044% |
| 237 | 16.156 | 16.125 | 16.174 | VV | 5684   | 134469 | 0.89% | 0.044% |
| 238 | 16.193 | 16.174 | 16.215 | VV | 6042   | 129871 | 0.86% | 0.043% |
| 239 | 16.237 | 16.215 | 16.253 | VV | 6117   | 122059 | 0.80% | 0.040% |
| 240 | 16.278 | 16.253 | 16.326 | VV | 8243   | 302596 | 1.99% | 0.100% |
| 241 | 16.338 | 16.326 | 16.354 | VV | 5986   | 93327  | 0.61% | 0.031% |
| 242 | 16.376 | 16.354 | 16.388 | VV | 5862   | 108508 | 0.71% | 0.036% |
| 243 | 16.403 | 16.388 | 16.425 | VV | 6019   | 118733 | 0.78% | 0.039% |
| 244 | 16.478 | 16.425 | 16.528 | VV | 10140  | 475388 | 3.13% | 0.157% |
| 245 | 16.573 | 16.528 | 16.598 | VV | 14618  | 448468 | 2.95% | 0.148% |
| 246 | 16.657 | 16.598 | 16.706 | VV | 18623  | 830278 | 5.47% | 0.274% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.757 | 16.706 | 16.811 | VV | 52328 | 1411786 | 9.30%  | 0.466% |
| 248    | 16.887 | 16.811 | 16.909 | VV | 21054 | 859958  | 5.66%  | 0.284% |
| 249    | 16.924 | 16.909 | 16.953 | VV | 15755 | 391095  | 2.58%  | 0.129% |
| 250    | 16.974 | 16.953 | 17.001 | VV | 15850 | 429857  | 2.83%  | 0.142% |
| 251    | 17.077 | 17.001 | 17.103 | VV | 38546 | 1359163 | 8.95%  | 0.449% |
| 252    | 17.135 | 17.103 | 17.171 | VV | 45657 | 1047878 | 6.90%  | 0.346% |
| 253    | 17.237 | 17.171 | 17.269 | VV | 32308 | 1316720 | 8.67%  | 0.435% |
| 254    | 17.289 | 17.269 | 17.318 | VV | 23001 | 636692  | 4.19%  | 0.210% |
| 255    | 17.343 | 17.318 | 17.353 | VV | 21086 | 415900  | 2.74%  | 0.137% |
| 256    | 17.395 | 17.353 | 17.418 | VV | 23414 | 860931  | 5.67%  | 0.284% |
| 257    | 17.445 | 17.418 | 17.455 | VV | 24152 | 511899  | 3.37%  | 0.169% |
| 258    | 17.501 | 17.455 | 17.520 | VV | 28375 | 1030143 | 6.79%  | 0.340% |
| 259    | 17.542 | 17.520 | 17.574 | VV | 27766 | 855649  | 5.64%  | 0.282% |
| 260    | 17.604 | 17.574 | 17.614 | VV | 30445 | 665386  | 4.38%  | 0.220% |
| 261    | 17.667 | 17.614 | 17.696 | VV | 34134 | 1555298 | 10.24% | 0.513% |
| 262    | 17.719 | 17.696 | 17.734 | VV | 32026 | 686425  | 4.52%  | 0.227% |
| 263    | 17.750 | 17.734 | 17.768 | VV | 32553 | 616582  | 4.06%  | 0.204% |
| 264    | 17.795 | 17.768 | 17.821 | VV | 37540 | 1061326 | 6.99%  | 0.350% |
| 265    | 17.854 | 17.821 | 17.871 | VV | 34190 | 961831  | 6.34%  | 0.317% |
| 266    | 17.890 | 17.871 | 17.901 | VV | 32534 | 561524  | 3.70%  | 0.185% |
| 267    | 17.918 | 17.901 | 17.933 | VV | 32702 | 597669  | 3.94%  | 0.197% |
| 268    | 17.949 | 17.933 | 17.971 | VV | 33472 | 738221  | 4.86%  | 0.244% |
| 269    | 18.116 | 17.971 | 18.147 | VV | 44810 | 3952558 | 26.04% | 1.305% |
| 270    | 18.169 | 18.147 | 18.178 | VV | 38157 | 684103  | 4.51%  | 0.226% |
| 271    | 18.201 | 18.178 | 18.214 | VV | 40339 | 841627  | 5.54%  | 0.278% |
| 272    | 18.268 | 18.214 | 18.284 | VV | 54593 | 1928589 | 12.70% | 0.637% |
| 273    | 18.295 | 18.284 | 18.326 | VV | 48333 | 1159433 | 7.64%  | 0.383% |
| 274    | 18.335 | 18.326 | 18.342 | VV | 44191 | 429234  | 2.83%  | 0.142% |
| 275    | 18.367 | 18.342 | 18.386 | VV | 46361 | 1174836 | 7.74%  | 0.388% |
| 276    | 18.414 | 18.386 | 18.428 | VV | 50710 | 1219158 | 8.03%  | 0.402% |
| 277    | 18.441 | 18.428 | 18.454 | VV | 50084 | 774194  | 5.10%  | 0.256% |
| 278    | 18.505 | 18.454 | 18.527 | VV | 68467 | 2569642 | 16.93% | 0.848% |
| 279    | 18.538 | 18.527 | 18.570 | VV | 56928 | 1387182 | 9.14%  | 0.458% |
| 280    | 18.635 | 18.570 | 18.655 | VV | 69577 | 2884129 | 19.00% | 0.952% |
| 281    | 18.669 | 18.655 | 18.731 | VV | 59717 | 2512135 | 16.55% | 0.829% |
| 282    | 18.761 | 18.731 | 18.823 | VV | 75086 | 3396471 | 22.37% | 1.121% |
| 283    | 18.855 | 18.823 | 18.868 | VV | 62059 | 1638381 | 10.79% | 0.541% |
| 284    | 18.896 | 18.868 | 18.921 | VV | 68205 | 2051893 | 13.52% | 0.677% |
| 285    | 18.942 | 18.921 | 18.978 | VV | 73670 | 2292640 | 15.10% | 0.757% |
| 286    | 19.003 | 18.978 | 19.013 | VV | 66045 | 1349339 | 8.89%  | 0.445% |
| 287    | 19.053 | 19.013 | 19.082 | VV | 77338 | 2925262 | 19.27% | 0.966% |
| 288    | 19.105 | 19.082 | 19.147 | VV | 76985 | 2787312 | 18.36% | 0.920% |
| 289    | 19.196 | 19.147 | 19.210 | VV | 71525 | 2591041 | 17.07% | 0.855% |
| 290    | 19.229 | 19.210 | 19.251 | VV | 74859 | 1794635 | 11.82% | 0.592% |
| 291    | 19.275 | 19.251 | 19.287 | VV | 82079 | 1656992 | 10.91% | 0.547% |
| 292    | 19.308 | 19.287 | 19.330 | VV | 85238 | 2128874 | 14.02% | 0.703% |
| 293    | 19.349 | 19.330 | 19.372 | VV | 85931 | 2158784 | 14.22% | 0.713% |
| 294    | 19.381 | 19.372 | 19.424 | VV | 83738 | 2492192 | 16.42% | 0.823% |
| 295    | 19.454 | 19.424 | 19.499 | VV | 87637 | 3665327 | 24.14% | 1.210% |
| 296    | 19.512 | 19.499 | 19.521 | VV | 79204 | 1017402 | 6.70%  | 0.336% |
| 297    | 19.619 | 19.521 | 19.632 | VV | 92530 | 5682572 | 37.43% | 1.876% |
| 298    | 19.655 | 19.632 | 19.669 | VV | 94430 | 2057839 | 13.55% | 0.679% |
| 299    | 19.727 | 19.669 | 19.744 | VV | 99686 | 4278465 | 28.18% | 1.412% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     |                         | rters     |         |        |
| 300 | 19.767 | 19.744 | 19.791 | VV  | 103595                  | 2799722   | 18.44%  | 0.924% |
| 301 | 19.803 | 19.791 | 19.816 | VV  | 98738                   | 1442869   | 9.50%   | 0.476% |
| 302 | 19.861 | 19.816 | 19.877 | VV  | 102798                  | 3642929   | 24.00%  | 1.202% |
| 303 | 19.921 | 19.877 | 19.954 | VV  | 112397                  | 4919372   | 32.40%  | 1.624% |
| 304 | 19.982 | 19.954 | 19.992 | VV  | 112588                  | 2491024   | 16.41%  | 0.822% |
| 305 | 20.005 | 19.992 | 20.050 | VV  | 112860                  | 3845687   | 25.33%  | 1.269% |
| 306 | 20.085 | 20.050 | 20.124 | VV  | 120918                  | 5112032   | 33.67%  | 1.687% |
| 307 | 20.152 | 20.124 | 20.180 | VV  | 120227                  | 3988228   | 26.27%  | 1.316% |
| 308 | 20.191 | 20.180 | 20.224 | VV  | 115476                  | 2980004   | 19.63%  | 0.984% |
| 309 | 20.290 | 20.224 | 20.328 | VV  | 129099                  | 7502170   | 49.42%  | 2.476% |
| 310 | 20.385 | 20.328 | 20.398 | VV  | 135938                  | 5500504   | 36.23%  | 1.816% |
| 311 | 20.401 | 20.398 | 20.408 | VV  | 134478                  | 834916    | 5.50%   | 0.276% |
| 312 | 20.424 | 20.408 | 20.440 | VV  | 135258                  | 2536384   | 16.71%  | 0.837% |
| 313 | 20.458 | 20.440 | 20.494 | VV  | 135652                  | 4292069   | 28.27%  | 1.417% |
| 314 | 20.508 | 20.494 | 20.537 | VV  | 134236                  | 3461354   | 22.80%  | 1.143% |
| 315 | 20.549 | 20.537 | 20.564 | VV  | 133756                  | 2181993   | 14.37%  | 0.720% |
| 316 | 20.663 | 20.564 | 20.672 | VV  | 159215                  | 9352289   | 61.60%  | 3.087% |
| 317 | 20.687 | 20.672 | 20.708 | VV  | 162011                  | 3395306   | 22.36%  | 1.121% |
| 318 | 20.717 | 20.708 | 20.799 | VV  | 157299                  | 7916462   | 52.15%  | 2.613% |
| 319 | 20.847 | 20.799 | 20.864 | VV  | 151464                  | 5798129   | 38.19%  | 1.914% |
| 320 | 20.878 | 20.864 | 20.897 | VV  | 153089                  | 2997011   | 19.74%  | 0.989% |
| 321 | 20.909 | 20.897 | 20.938 | VV  | 152716                  | 3654718   | 24.07%  | 1.206% |
| 322 | 20.966 | 20.938 | 21.114 | VV  | 156110                  | 15029126  | 99.00%  | 4.961% |
| 323 | 21.225 | 21.114 | 21.303 | VV  | 142038                  | 15181569  | 100.00% | 5.011% |
| 324 | 21.322 | 21.303 | 21.333 | VV  | 130041                  | 2369668   | 15.61%  | 0.782% |
| 325 | 21.343 | 21.333 | 21.367 | VV  | 129099                  | 2552834   | 16.82%  | 0.843% |
| 326 | 21.388 | 21.367 | 21.422 | VV  | 128557                  | 4104106   | 27.03%  | 1.355% |
| 327 | 21.529 | 21.422 | 21.538 | VV  | 133384                  | 8647732   | 56.96%  | 2.854% |
| 328 | 21.545 | 21.538 | 21.559 | VV  | 133761                  | 1681165   | 11.07%  | 0.555% |
| 329 | 21.567 | 21.559 | 21.718 | VV  | 132492                  | 11493303  | 75.71%  | 3.794% |
| 330 | 21.761 | 21.718 | 21.778 | VV  | 113911                  | 4048306   | 26.67%  | 1.336% |
| 331 | 21.790 | 21.778 | 21.840 | VV  | 114236                  | 4186365   | 27.58%  | 1.382% |
| 332 | 21.892 | 21.840 | 21.946 | VV  | 116930                  | 7286108   | 47.99%  | 2.405% |
| 333 | 21.958 | 21.946 | 21.973 | VV  | 113544                  | 1808867   | 11.91%  | 0.597% |
| 334 | 22.015 | 21.973 | 22.054 | VV  | 115304                  | 5455172   | 35.93%  | 1.801% |
| 335 | 22.068 | 22.054 | 22.091 | VV  | 110038                  | 2353005   | 15.50%  | 0.777% |
| 336 | 22.116 | 22.091 | 22.147 | VV  | 105613                  | 3483566   | 22.95%  | 1.150% |
| 337 | 22.163 | 22.147 | 22.201 | VBA | 105987                  | 3576945   | 23.56%  | 1.181% |
|     |        |        |        |     | Sum of corrected areas: | 302956121 |         |        |

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