

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE050324AL\  
 Data File : FE047973.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 May 2024 18:20  
 Sample : P2357-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 042724.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         | 3.125       | 3.104        | 3.170      | BV       | 128            | 2928         | 0.02%          | 0.001%        |
| 2         | 3.199       | 3.170        | 3.248      | VV       | 425            | 7658         | 0.04%          | 0.003%        |
| 3         | 3.253       | 3.248        | 3.283      | PV       | 79             | 574          | 0.00%          | 0.000%        |
| 4         | 3.299       | 3.283        | 3.328      | PV       | 179            | 1970         | 0.01%          | 0.001%        |
| 5         | 3.349       | 3.328        | 3.390      | VV       | 300            | 5482         | 0.03%          | 0.002%        |
| 6         | 3.406       | 3.390        | 3.451      | VV       | 126            | 2850         | 0.02%          | 0.001%        |
| 7         | 3.486       | 3.451        | 3.561      | PV       | 208            | 6243         | 0.04%          | 0.003%        |
| 8         | 3.568       | 3.561        | 3.618      | VV       | 126            | 2208         | 0.01%          | 0.001%        |
| 9         | 3.635       | 3.618        | 3.648      | VV       | 135            | 1338         | 0.01%          | 0.001%        |
| 10        | 3.666       | 3.648        | 3.692      | PV       | 294            | 4249         | 0.02%          | 0.002%        |
| 11        | 3.711       | 3.692        | 3.762      | VV       | 185            | 3952         | 0.02%          | 0.002%        |
| 12        | 3.797       | 3.762        | 3.807      | VV       | 379            | 5457         | 0.03%          | 0.002%        |
| 13        | 3.822       | 3.807        | 3.870      | VV       | 703            | 10963        | 0.06%          | 0.005%        |
| 14        | 3.883       | 3.870        | 3.917      | VV       | 325            | 4058         | 0.02%          | 0.002%        |
| 15        | 3.936       | 3.917        | 3.976      | PV       | 1228           | 17355        | 0.10%          | 0.008%        |
| 16        | 3.990       | 3.976        | 4.009      | VV       | 208            | 2100         | 0.01%          | 0.001%        |
| 17        | 4.036       | 4.009        | 4.053      | PV       | 679            | 9650         | 0.05%          | 0.004%        |
| 18        | 4.067       | 4.053        | 4.111      | VV       | 411            | 8314         | 0.05%          | 0.004%        |
| 19        | 4.142       | 4.111        | 4.162      | VV       | 1168           | 14000        | 0.08%          | 0.006%        |
| 20        | 4.195       | 4.162        | 4.219      | VV       | 626            | 13409        | 0.08%          | 0.006%        |
| 21        | 4.229       | 4.219        | 4.244      | VV       | 326            | 4633         | 0.03%          | 0.002%        |
| 22        | 4.254       | 4.244        | 4.291      | VV       | 502            | 4893         | 0.03%          | 0.002%        |
| 23        | 4.328       | 4.291        | 4.358      | VV       | 2030           | 29660        | 0.17%          | 0.013%        |
| 24        | 4.374       | 4.358        | 4.405      | VV       | 664            | 11961        | 0.07%          | 0.005%        |
| 25        | 4.414       | 4.405        | 4.470      | VV       | 299            | 5692         | 0.03%          | 0.002%        |
| 26        | 4.500       | 4.470        | 4.520      | PV       | 312            | 4782         | 0.03%          | 0.002%        |
| 27        | 4.546       | 4.520        | 4.568      | VV       | 588            | 6839         | 0.04%          | 0.003%        |
| 28        | 4.604       | 4.568        | 4.625      | VV       | 1726           | 21932        | 0.12%          | 0.010%        |
| 29        | 4.644       | 4.625        | 4.664      | VV       | 1328           | 14108        | 0.08%          | 0.006%        |
| 30        | 4.681       | 4.664        | 4.700      | VV       | 603            | 6288         | 0.04%          | 0.003%        |
| 31        | 4.718       | 4.700        | 4.748      | VV       | 200            | 2924         | 0.02%          | 0.001%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 32 | 4.762 | 4.748 | 4.804 | PV | 612    | 10767  | 0.06% | 0.005% |
| 33 | 4.822 | 4.804 | 4.870 | VV | 410    | 9974   | 0.06% | 0.004% |
| 34 | 4.888 | 4.870 | 4.901 | VV | 994    | 9446   | 0.05% | 0.004% |
| 35 | 4.913 | 4.901 | 4.928 | VV | 779    | 7611   | 0.04% | 0.003% |
| 36 | 4.948 | 4.928 | 4.957 | VV | 695    | 8206   | 0.05% | 0.004% |
| 37 | 4.969 | 4.957 | 4.982 | VV | 865    | 9612   | 0.05% | 0.004% |
| 38 | 4.993 | 4.982 | 5.002 | VV | 577    | 5688   | 0.03% | 0.002% |
| 39 | 5.021 | 5.002 | 5.038 | VV | 2034   | 22585  | 0.13% | 0.010% |
| 40 | 5.065 | 5.038 | 5.087 | VV | 1436   | 24160  | 0.14% | 0.011% |
| 41 | 5.112 | 5.087 | 5.160 | VV | 2299   | 41638  | 0.23% | 0.018% |
| 42 | 5.184 | 5.160 | 5.203 | VV | 1408   | 15439  | 0.09% | 0.007% |
| 43 | 5.220 | 5.203 | 5.244 | VV | 394    | 4594   | 0.03% | 0.002% |
| 44 | 5.279 | 5.244 | 5.291 | VV | 688    | 8869   | 0.05% | 0.004% |
| 45 | 5.310 | 5.291 | 5.340 | VV | 2585   | 41048  | 0.23% | 0.018% |
| 46 | 5.360 | 5.340 | 5.378 | VV | 1900   | 23567  | 0.13% | 0.010% |
| 47 | 5.391 | 5.378 | 5.407 | VV | 2515   | 26427  | 0.15% | 0.012% |
| 48 | 5.422 | 5.407 | 5.462 | VV | 1357   | 20517  | 0.12% | 0.009% |
| 49 | 5.477 | 5.462 | 5.501 | VV | 217    | 3352   | 0.02% | 0.001% |
| 50 | 5.523 | 5.501 | 5.533 | PV | 1104   | 12746  | 0.07% | 0.006% |
| 51 | 5.546 | 5.533 | 5.568 | VV | 1355   | 19040  | 0.11% | 0.008% |
| 52 | 5.592 | 5.568 | 5.607 | VV | 2037   | 32015  | 0.18% | 0.014% |
| 53 | 5.620 | 5.607 | 5.637 | VV | 2152   | 24097  | 0.14% | 0.011% |
| 54 | 5.649 | 5.637 | 5.657 | VV | 660    | 6692   | 0.04% | 0.003% |
| 55 | 5.683 | 5.657 | 5.701 | VV | 1339   | 19763  | 0.11% | 0.009% |
| 56 | 5.741 | 5.701 | 5.752 | VV | 6814   | 77354  | 0.44% | 0.034% |
| 57 | 5.759 | 5.752 | 5.791 | VV | 4750   | 72969  | 0.41% | 0.032% |
| 58 | 5.809 | 5.791 | 5.851 | VV | 3237   | 38305  | 0.22% | 0.017% |
| 59 | 5.870 | 5.851 | 5.884 | VV | 557    | 7757   | 0.04% | 0.003% |
| 60 | 5.895 | 5.884 | 5.904 | VV | 366    | 3313   | 0.02% | 0.001% |
| 61 | 5.931 | 5.904 | 5.958 | VV | 5008   | 71449  | 0.40% | 0.031% |
| 62 | 5.965 | 5.958 | 5.985 | VV | 1404   | 13760  | 0.08% | 0.006% |
| 63 | 6.035 | 5.985 | 6.078 | VV | 6792   | 138420 | 0.78% | 0.061% |
| 64 | 6.092 | 6.078 | 6.113 | VV | 2097   | 28578  | 0.16% | 0.013% |
| 65 | 6.131 | 6.113 | 6.160 | VV | 7565   | 89140  | 0.50% | 0.039% |
| 66 | 6.174 | 6.160 | 6.195 | VV | 2110   | 29920  | 0.17% | 0.013% |
| 67 | 6.220 | 6.195 | 6.241 | VV | 2984   | 39474  | 0.22% | 0.017% |
| 68 | 6.272 | 6.241 | 6.295 | PV | 3377   | 57078  | 0.32% | 0.025% |
| 69 | 6.317 | 6.295 | 6.337 | VV | 2975   | 45031  | 0.25% | 0.020% |
| 70 | 6.380 | 6.337 | 6.397 | VV | 3905   | 84910  | 0.48% | 0.037% |
| 71 | 6.413 | 6.397 | 6.435 | VV | 2843   | 36921  | 0.21% | 0.016% |
| 72 | 6.457 | 6.435 | 6.488 | VV | 4503   | 89901  | 0.51% | 0.039% |
| 73 | 6.501 | 6.488 | 6.528 | VV | 3096   | 50950  | 0.29% | 0.022% |
| 74 | 6.544 | 6.528 | 6.574 | VV | 3825   | 57240  | 0.32% | 0.025% |
| 75 | 6.598 | 6.574 | 6.628 | VV | 3942   | 69751  | 0.39% | 0.031% |
| 76 | 6.645 | 6.628 | 6.659 | VV | 1685   | 20875  | 0.12% | 0.009% |
| 77 | 6.700 | 6.659 | 6.731 | VV | 6664   | 113302 | 0.64% | 0.050% |
| 78 | 6.771 | 6.731 | 6.821 | VV | 10346  | 168360 | 0.95% | 0.074% |
| 79 | 6.860 | 6.821 | 6.872 | VV | 1822   | 30674  | 0.17% | 0.013% |

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|-----|-------|-------|-------|----|-------|--------|-------|--------|
| 80  | 6.894 | 6.872 | 6.909 | VV | 4760  | 66674  | 0.38% | 0.029% |
| 81  | 6.924 | 6.909 | 6.954 | VV | 6112  | 85805  | 0.48% | 0.038% |
| 82  | 6.973 | 6.954 | 6.989 | VV | 3877  | 49744  | 0.28% | 0.022% |
| 83  | 6.999 | 6.989 | 7.011 | VV | 1664  | 15423  | 0.09% | 0.007% |
| 84  | 7.057 | 7.011 | 7.078 | VV | 7941  | 114293 | 0.64% | 0.050% |
| 85  | 7.118 | 7.078 | 7.149 | VV | 4123  | 88816  | 0.50% | 0.039% |
| 86  | 7.181 | 7.149 | 7.208 | VV | 17791 | 213687 | 1.21% | 0.094% |
| 87  | 7.221 | 7.208 | 7.233 | VV | 1552  | 18050  | 0.10% | 0.008% |
| 88  | 7.255 | 7.233 | 7.271 | VV | 3982  | 53593  | 0.30% | 0.023% |
| 89  | 7.303 | 7.271 | 7.324 | VV | 5566  | 102281 | 0.58% | 0.045% |
| 90  | 7.346 | 7.324 | 7.373 | VV | 8512  | 110199 | 0.62% | 0.048% |
| 91  | 7.415 | 7.373 | 7.438 | VV | 10776 | 194946 | 1.10% | 0.085% |
| 92  | 7.451 | 7.438 | 7.472 | VV | 3628  | 51493  | 0.29% | 0.023% |
| 93  | 7.492 | 7.472 | 7.531 | VV | 8953  | 142129 | 0.80% | 0.062% |
| 94  | 7.551 | 7.531 | 7.576 | VV | 5200  | 85348  | 0.48% | 0.037% |
| 95  | 7.593 | 7.576 | 7.611 | VV | 3671  | 47682  | 0.27% | 0.021% |
| 96  | 7.625 | 7.611 | 7.641 | VV | 2010  | 29277  | 0.17% | 0.013% |
| 97  | 7.718 | 7.641 | 7.744 | VV | 22224 | 460944 | 2.60% | 0.202% |
| 98  | 7.760 | 7.744 | 7.781 | VV | 4922  | 82132  | 0.46% | 0.036% |
| 99  | 7.791 | 7.781 | 7.831 | VV | 3939  | 84395  | 0.48% | 0.037% |
| 100 | 7.842 | 7.831 | 7.861 | VV | 1608  | 22640  | 0.13% | 0.010% |
| 101 | 7.895 | 7.861 | 7.933 | VV | 10720 | 201175 | 1.13% | 0.088% |
| 102 | 7.950 | 7.933 | 7.969 | VV | 4663  | 58132  | 0.33% | 0.025% |
| 103 | 7.992 | 7.969 | 8.004 | VV | 2252  | 30334  | 0.17% | 0.013% |
| 104 | 8.087 | 8.077 | 8.124 | VV | 5544  | 124155 | 0.70% | 0.054% |
| 105 | 8.154 | 8.124 | 8.171 | VV | 6373  | 127083 | 0.72% | 0.056% |
| 106 | 8.182 | 8.171 | 8.191 | VV | 4788  | 57028  | 0.32% | 0.025% |
| 107 | 8.200 | 8.191 | 8.218 | VV | 5355  | 67409  | 0.38% | 0.030% |
| 108 | 8.244 | 8.218 | 8.265 | VV | 7226  | 112365 | 0.63% | 0.049% |
| 109 | 8.293 | 8.265 | 8.313 | VV | 7410  | 122599 | 0.69% | 0.054% |
| 110 | 8.332 | 8.313 | 8.343 | VV | 10145 | 124155 | 0.70% | 0.054% |
| 111 | 8.353 | 8.343 | 8.378 | VV | 9431  | 120128 | 0.68% | 0.053% |
| 112 | 8.419 | 8.378 | 8.460 | VV | 12583 | 255137 | 1.44% | 0.112% |
| 113 | 8.470 | 8.460 | 8.491 | VV | 2961  | 49677  | 0.28% | 0.022% |
| 114 | 8.527 | 8.491 | 8.541 | VV | 7807  | 170855 | 0.96% | 0.075% |
| 115 | 8.565 | 8.541 | 8.581 | VV | 19676 | 313671 | 1.77% | 0.137% |
| 116 | 8.599 | 8.581 | 8.629 | VV | 30235 | 435014 | 2.45% | 0.191% |
| 117 | 8.642 | 8.629 | 8.662 | VV | 6867  | 97636  | 0.55% | 0.043% |
| 118 | 8.707 | 8.662 | 8.732 | VV | 6431  | 190369 | 1.07% | 0.083% |
| 119 | 8.766 | 8.732 | 8.779 | VV | 6303  | 118571 | 0.67% | 0.052% |
| 120 | 8.792 | 8.779 | 8.806 | VV | 6036  | 73439  | 0.41% | 0.032% |
| 121 | 8.825 | 8.806 | 8.863 | VV | 8644  | 166346 | 0.94% | 0.073% |
| 122 | 8.960 | 8.949 | 8.989 | VV | 8096  | 176592 | 1.00% | 0.077% |
| 123 | 9.021 | 8.989 | 9.034 | VV | 6876  | 169777 | 0.96% | 0.074% |
| 124 | 9.052 | 9.034 | 9.077 | VV | 7951  | 171867 | 0.97% | 0.075% |
| 125 | 9.092 | 9.077 | 9.112 | VV | 6624  | 122124 | 0.69% | 0.054% |
| 126 | 9.138 | 9.112 | 9.165 | VV | 17138 | 284786 | 1.61% | 0.125% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 127 | 9.191  | 9.165  | 9.233  | VV | 6169   | 170689 | 0.96% | 0.075% |
| 128 | 9.252  | 9.233  | 9.273  | VV | 6923   | 117751 | 0.66% | 0.052% |
| 129 | 9.288  | 9.273  | 9.311  | VV | 5662   | 98707  | 0.56% | 0.043% |
| 130 | 9.323  | 9.311  | 9.334  | VV | 3328   | 44516  | 0.25% | 0.020% |
| 131 | 9.365  | 9.334  | 9.390  | VV | 5992   | 154502 | 0.87% | 0.068% |
| 132 | 9.426  | 9.390  | 9.450  | VV | 43384  | 564568 | 3.18% | 0.247% |
| 133 | 9.463  | 9.450  | 9.496  | VV | 7315   | 154086 | 0.87% | 0.068% |
| 134 | 9.512  | 9.496  | 9.542  | VV | 5226   | 105761 | 0.60% | 0.046% |
| 135 | 9.580  | 9.542  | 9.598  | VV | 4995   | 114157 | 0.64% | 0.050% |
| 136 | 9.631  | 9.598  | 9.645  | VV | 3823   | 83068  | 0.47% | 0.036% |
| 137 | 9.662  | 9.645  | 9.678  | VV | 5130   | 73790  | 0.42% | 0.032% |
| 138 | 9.716  | 9.678  | 9.736  | VV | 6072   | 135900 | 0.77% | 0.060% |
| 139 | 9.759  | 9.736  | 9.778  | VV | 4167   | 88558  | 0.50% | 0.039% |
| 140 | 9.803  | 9.778  | 9.835  | VV | 11092  | 228078 | 1.29% | 0.100% |
| 141 | 9.845  | 9.835  | 9.857  | VV | 4928   | 59534  | 0.34% | 0.026% |
| 142 | 9.885  | 9.857  | 9.912  | VV | 9447   | 200189 | 1.13% | 0.088% |
| 143 | 9.932  | 9.912  | 9.952  | VV | 7576   | 126502 | 0.71% | 0.055% |
| 144 | 9.963  | 9.952  | 9.968  | VV | 4719   | 42440  | 0.24% | 0.019% |
| 145 | 9.985  | 9.968  | 10.017 | VV | 7698   | 142397 | 0.80% | 0.062% |
| 146 | 10.040 | 10.017 | 10.070 | VV | 3468   | 81507  | 0.46% | 0.036% |
| 147 | 10.086 | 10.070 | 10.102 | VV | 2323   | 39606  | 0.22% | 0.017% |
| 148 | 10.164 | 10.102 | 10.183 | VV | 7064   | 219954 | 1.24% | 0.096% |
| 149 | 10.207 | 10.183 | 10.261 | VV | 47637  | 633246 | 3.57% | 0.277% |
| 150 | 10.288 | 10.261 | 10.299 | VV | 3296   | 68196  | 0.38% | 0.030% |
| 151 | 10.312 | 10.299 | 10.361 | VV | 3586   | 76213  | 0.43% | 0.033% |
| 152 | 10.384 | 10.361 | 10.445 | VV | 3634   | 96872  | 0.55% | 0.042% |
| 153 | 10.482 | 10.445 | 10.503 | VV | 2802   | 64017  | 0.36% | 0.028% |
| 154 | 10.552 | 10.503 | 10.569 | VV | 5924   | 125379 | 0.71% | 0.055% |
| 155 | 10.597 | 10.569 | 10.626 | VV | 18603  | 314630 | 1.77% | 0.138% |
| 156 | 10.648 | 10.626 | 10.666 | VV | 6399   | 107462 | 0.61% | 0.047% |
| 157 | 10.684 | 10.666 | 10.710 | VV | 8117   | 126014 | 0.71% | 0.055% |
| 158 | 10.739 | 10.710 | 10.771 | VV | 7622   | 141762 | 0.80% | 0.062% |
| 159 | 10.796 | 10.771 | 10.809 | VV | 2352   | 37092  | 0.21% | 0.016% |
| 160 | 10.821 | 10.809 | 10.838 | VV | 2248   | 34470  | 0.19% | 0.015% |
| 161 | 10.863 | 10.838 | 10.911 | VV | 3959   | 128110 | 0.72% | 0.056% |
| 162 | 10.947 | 10.911 | 10.988 | VV | 48831  | 644290 | 3.63% | 0.282% |
| 163 | 11.018 | 10.988 | 11.052 | VV | 19011  | 349070 | 1.97% | 0.153% |
| 164 | 11.068 | 11.052 | 11.104 | VV | 3318   | 70517  | 0.40% | 0.031% |
| 165 | 11.167 | 11.104 | 11.183 | VV | 2522   | 71826  | 0.41% | 0.031% |
| 166 | 11.207 | 11.183 | 11.247 | VV | 12061  | 195401 | 1.10% | 0.086% |
| 167 | 11.283 | 11.247 | 11.307 | VV | 7441   | 166679 | 0.94% | 0.073% |
| 168 | 11.340 | 11.307 | 11.381 | VV | 6906   | 176045 | 0.99% | 0.077% |
| 169 | 11.402 | 11.381 | 11.437 | VV | 5366   | 90387  | 0.51% | 0.040% |
| 170 | 11.455 | 11.437 | 11.479 | VV | 4425   | 58628  | 0.33% | 0.026% |
| 171 | 11.514 | 11.479 | 11.537 | VV | 2251   | 49739  | 0.28% | 0.022% |
| 172 | 11.573 | 11.537 | 11.585 | VV | 2221   | 46069  | 0.26% | 0.020% |
| 173 | 11.600 | 11.585 | 11.620 | VV | 2492   | 44286  | 0.25% | 0.019% |
| 174 | 11.651 | 11.620 | 11.674 | VV | 43319  | 530503 | 2.99% | 0.232% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
| 175 | 11.684 | 11.674 | 11.711 | VV | 3207    | 63629    | 0.36%   | 0.028% |
| 176 | 11.741 | 11.711 | 11.786 | VV | 16280   | 276394   | 1.56%   | 0.121% |
| 177 | 11.807 | 11.786 | 11.828 | VV | 2049    | 29130    | 0.16%   | 0.013% |
| 178 | 11.859 | 11.828 | 11.878 | PV | 3041    | 52151    | 0.29%   | 0.023% |
| 179 | 11.906 | 11.878 | 11.921 | VV | 2063    | 42066    | 0.24%   | 0.018% |
| 180 | 11.974 | 11.921 | 12.025 | VV | 307401  | 3465059  | 19.55%  | 1.518% |
| 181 | 12.045 | 12.025 | 12.069 | VV | 8410    | 124990   | 0.71%   | 0.055% |
| 182 | 12.085 | 12.069 | 12.112 | VV | 3841    | 65189    | 0.37%   | 0.029% |
| 183 | 12.132 | 12.112 | 12.148 | VV | 5070    | 73345    | 0.41%   | 0.032% |
| 184 | 12.161 | 12.148 | 12.177 | VV | 4427    | 50492    | 0.28%   | 0.022% |
| 185 | 12.201 | 12.177 | 12.238 | VV | 4081    | 87606    | 0.49%   | 0.038% |
| 186 | 12.261 | 12.238 | 12.277 | VV | 1567    | 23084    | 0.13%   | 0.010% |
| 187 | 12.320 | 12.277 | 12.344 | VV | 39167   | 535815   | 3.02%   | 0.235% |
| 188 | 12.373 | 12.344 | 12.401 | VV | 208748  | 2335716  | 13.18%  | 1.023% |
| 189 | 12.414 | 12.401 | 12.441 | VV | 4240    | 65146    | 0.37%   | 0.029% |
| 190 | 12.451 | 12.441 | 12.464 | VV | 1356    | 14992    | 0.08%   | 0.007% |
| 191 | 12.478 | 12.464 | 12.494 | VV | 1023    | 12703    | 0.07%   | 0.006% |
| 192 | 12.514 | 12.494 | 12.527 | PV | 2202    | 27171    | 0.15%   | 0.012% |
| 193 | 12.567 | 12.527 | 12.612 | VV | 31783   | 447615   | 2.53%   | 0.196% |
| 194 | 12.624 | 12.612 | 12.640 | VV | 3025    | 38208    | 0.22%   | 0.017% |
| 195 | 12.658 | 12.640 | 12.675 | VV | 5585    | 70730    | 0.40%   | 0.031% |
| 196 | 12.694 | 12.675 | 12.718 | VV | 5652    | 103493   | 0.58%   | 0.045% |
| 197 | 12.733 | 12.718 | 12.754 | VV | 5131    | 71557    | 0.40%   | 0.031% |
| 198 | 12.806 | 12.754 | 12.854 | VV | 6797    | 177290   | 1.00%   | 0.078% |
| 199 | 12.912 | 12.854 | 12.932 | VV | 7615    | 141624   | 0.80%   | 0.062% |
| 200 | 12.960 | 12.932 | 13.000 | VV | 38845   | 556953   | 3.14%   | 0.244% |
| 201 | 13.028 | 13.000 | 13.090 | VV | 19708   | 309694   | 1.75%   | 0.136% |
| 202 | 13.157 | 13.090 | 13.176 | VV | 2767    | 73395    | 0.41%   | 0.032% |
| 203 | 13.185 | 13.176 | 13.193 | VV | 643     | 6345     | 0.04%   | 0.003% |
| 204 | 13.218 | 13.193 | 13.244 | VV | 4836    | 84464    | 0.48%   | 0.037% |
| 205 | 13.281 | 13.244 | 13.302 | VV | 4222    | 90781    | 0.51%   | 0.040% |
| 206 | 13.327 | 13.302 | 13.360 | PV | 18315   | 270991   | 1.53%   | 0.119% |
| 207 | 13.402 | 13.360 | 13.433 | VV | 1081440 | 17727018 | 100.00% | 7.767% |
| 208 | 13.454 | 13.433 | 13.476 | VV | 555352  | 6733521  | 37.98%  | 2.950% |
| 209 | 13.483 | 13.476 | 13.529 | VV | 40714   | 491923   | 2.77%   | 0.216% |
| 210 | 13.539 | 13.529 | 13.550 | VV | 3915    | 39533    | 0.22%   | 0.017% |
| 211 | 13.575 | 13.550 | 13.604 | VV | 35546   | 681081   | 3.84%   | 0.298% |
| 212 | 13.628 | 13.604 | 13.708 | VV | 98323   | 1480760  | 8.35%   | 0.649% |
| 213 | 13.725 | 13.708 | 13.734 | VV | 2545    | 28686    | 0.16%   | 0.013% |
| 214 | 13.751 | 13.734 | 13.771 | VV | 3178    | 51082    | 0.29%   | 0.022% |
| 215 | 13.802 | 13.771 | 13.827 | VV | 11686   | 185204   | 1.04%   | 0.081% |
| 216 | 13.850 | 13.827 | 13.864 | VV | 3752    | 69470    | 0.39%   | 0.030% |
| 217 | 13.878 | 13.864 | 13.897 | VV | 2984    | 45227    | 0.26%   | 0.020% |
| 218 | 13.921 | 13.897 | 13.942 | VV | 8793    | 123522   | 0.70%   | 0.054% |
| 219 | 13.964 | 13.942 | 13.981 | VV | 4903    | 77344    | 0.44%   | 0.034% |
| 220 | 13.996 | 13.981 | 14.018 | VV | 4389    | 63233    | 0.36%   | 0.028% |
| 221 | 14.040 | 14.018 | 14.058 | VV | 3559    | 73488    | 0.41%   | 0.032% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 222 | 14.071 | 14.058 | 14.088 | VV | 3757   | 61315  | 0.35% | 0.027% |
| 223 | 14.112 | 14.088 | 14.132 | VV | 4314   | 85006  | 0.48% | 0.037% |
| 224 | 14.159 | 14.132 | 14.184 | VV | 34306  | 480196 | 2.71% | 0.210% |
| 225 | 14.194 | 14.184 | 14.227 | VV | 7526   | 139827 | 0.79% | 0.061% |
| 226 | 14.238 | 14.227 | 14.252 | VV | 3584   | 46267  | 0.26% | 0.020% |
| 227 | 14.278 | 14.252 | 14.291 | VV | 4482   | 79394  | 0.45% | 0.035% |
| 228 | 14.301 | 14.291 | 14.336 | VV | 3616   | 53252  | 0.30% | 0.023% |
| 229 | 14.379 | 14.336 | 14.416 | PV | 6162   | 169296 | 0.96% | 0.074% |
| 230 | 14.459 | 14.416 | 14.489 | VV | 5850   | 169137 | 0.95% | 0.074% |
| 231 | 14.527 | 14.489 | 14.544 | VV | 3988   | 86045  | 0.49% | 0.038% |
| 232 | 14.574 | 14.544 | 14.598 | VV | 6353   | 136311 | 0.77% | 0.060% |
| 233 | 14.616 | 14.598 | 14.629 | VV | 7090   | 99284  | 0.56% | 0.044% |
| 234 | 14.649 | 14.629 | 14.695 | VV | 5995   | 155068 | 0.87% | 0.068% |
| 235 | 14.722 | 14.695 | 14.751 | VV | 33305  | 429901 | 2.43% | 0.188% |
| 236 | 14.780 | 14.751 | 14.812 | VV | 14231  | 262538 | 1.48% | 0.115% |
| 237 | 14.837 | 14.812 | 14.878 | VV | 6918   | 144359 | 0.81% | 0.063% |
| 238 | 14.894 | 14.878 | 14.912 | VV | 3626   | 41203  | 0.23% | 0.018% |
| 239 | 14.932 | 14.912 | 14.968 | PV | 2240   | 33012  | 0.19% | 0.014% |
| 240 | 15.017 | 14.991 | 15.058 | BV | 1944   | 33486  | 0.19% | 0.015% |
| 241 | 15.074 | 15.058 | 15.098 | VV | 2124   | 16089  | 0.09% | 0.007% |
| 242 | 15.119 | 15.098 | 15.133 | PV | 2724   | 28920  | 0.16% | 0.013% |
| 243 | 15.153 | 15.133 | 15.171 | VV | 2952   | 43212  | 0.24% | 0.019% |
| 244 | 15.204 | 15.171 | 15.228 | VV | 7599   | 132075 | 0.75% | 0.058% |
| 245 | 15.261 | 15.228 | 15.287 | VV | 33840  | 481952 | 2.72% | 0.211% |
| 246 | 15.349 | 15.287 | 15.388 | VV | 4097   | 141756 | 0.80% | 0.062% |
| 247 | 15.411 | 15.388 | 15.431 | VV | 3713   | 61467  | 0.35% | 0.027% |
| 248 | 15.455 | 15.431 | 15.483 | VV | 2879   | 52690  | 0.30% | 0.023% |
| 249 | 15.515 | 15.483 | 15.548 | PV | 3357   | 76513  | 0.43% | 0.034% |
| 250 | 15.595 | 15.548 | 15.610 | VV | 3196   | 56444  | 0.32% | 0.025% |
| 251 | 15.648 | 15.610 | 15.680 | PV | 12483  | 225877 | 1.27% | 0.099% |
| 252 | 15.693 | 15.680 | 15.712 | VV | 4098   | 56374  | 0.32% | 0.025% |
| 253 | 15.722 | 15.712 | 15.741 | VV | 2429   | 23830  | 0.13% | 0.010% |
| 254 | 15.782 | 15.741 | 15.814 | VV | 30235  | 458886 | 2.59% | 0.201% |
| 255 | 15.841 | 15.814 | 15.863 | VV | 10326  | 181799 | 1.03% | 0.080% |
| 256 | 15.884 | 15.863 | 15.901 | VV | 6716   | 127777 | 0.72% | 0.056% |
| 257 | 15.922 | 15.901 | 15.943 | VV | 6423   | 116632 | 0.66% | 0.051% |
| 258 | 15.965 | 15.943 | 15.985 | VV | 4919   | 83254  | 0.47% | 0.036% |
| 259 | 16.045 | 15.985 | 16.065 | VV | 6564   | 200481 | 1.13% | 0.088% |
| 260 | 16.107 | 16.065 | 16.141 | VV | 5134   | 183080 | 1.03% | 0.080% |
| 261 | 16.175 | 16.141 | 16.192 | VV | 5468   | 127710 | 0.72% | 0.056% |
| 262 | 16.215 | 16.192 | 16.229 | VV | 4939   | 80715  | 0.46% | 0.035% |
| 263 | 16.283 | 16.229 | 16.308 | VV | 33053  | 540455 | 3.05% | 0.237% |
| 264 | 16.318 | 16.308 | 16.382 | VV | 6972   | 179211 | 1.01% | 0.079% |
| 265 | 16.411 | 16.382 | 16.424 | VV | 2173   | 29590  | 0.17% | 0.013% |
| 266 | 16.474 | 16.424 | 16.521 | PV | 6365   | 183784 | 1.04% | 0.081% |
| 267 | 16.592 | 16.521 | 16.613 | VV | 7111   | 181643 | 1.02% | 0.080% |
| 268 | 16.684 | 16.613 | 16.705 | VV | 6560   | 235065 | 1.33% | 0.103% |
| 269 | 16.767 | 16.705 | 16.811 | PV | 42167  | 745682 | 4.21% | 0.327% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 270 | 16.898 | 16.811 | 16.911 | VV | rteres<br>7613 | 323438  | 1.82%  | 0.142% |
| 271 | 16.935 | 16.911 | 16.958 | VV | 8300           | 184360  | 1.04%  | 0.081% |
| 272 | 16.991 | 16.958 | 17.018 | VV | 7918           | 202747  | 1.14%  | 0.089% |
| 273 | 17.096 | 17.018 | 17.107 | VV | 9154           | 331905  | 1.87%  | 0.145% |
| 274 | 17.118 | 17.107 | 17.131 | VV | 7449           | 94682   | 0.53%  | 0.041% |
| 275 | 17.146 | 17.131 | 17.172 | VV | 8194           | 132264  | 0.75%  | 0.058% |
| 276 | 17.233 | 17.172 | 17.254 | PV | 33874          | 589257  | 3.32%  | 0.258% |
| 277 | 17.263 | 17.254 | 17.316 | VV | 11902          | 273699  | 1.54%  | 0.120% |
| 278 | 17.326 | 17.316 | 17.330 | VV | 4205           | 36650   | 0.21%  | 0.016% |
| 279 | 17.342 | 17.330 | 17.360 | VV | 4575           | 68279   | 0.39%  | 0.030% |
| 280 | 17.482 | 17.360 | 17.517 | VV | 7899           | 508658  | 2.87%  | 0.223% |
| 281 | 17.561 | 17.517 | 17.590 | VV | 9101           | 228974  | 1.29%  | 0.100% |
| 282 | 17.614 | 17.590 | 17.624 | VV | 4849           | 79208   | 0.45%  | 0.035% |
| 283 | 17.683 | 17.624 | 17.708 | VV | 31274          | 566772  | 3.20%  | 0.248% |
| 284 | 17.767 | 17.708 | 17.788 | VV | 4167           | 115653  | 0.65%  | 0.051% |
| 285 | 17.807 | 17.788 | 17.834 | VV | 9965           | 175318  | 0.99%  | 0.077% |
| 286 | 17.863 | 17.834 | 17.911 | VV | 6344           | 185133  | 1.04%  | 0.081% |
| 287 | 17.963 | 17.911 | 17.993 | VV | 7119           | 233048  | 1.31%  | 0.102% |
| 288 | 18.041 | 17.993 | 18.059 | VV | 12987          | 336052  | 1.90%  | 0.147% |
| 289 | 18.122 | 18.059 | 18.158 | VV | 44700          | 1047228 | 5.91%  | 0.459% |
| 290 | 18.276 | 18.158 | 18.354 | VV | 40134          | 1632244 | 9.21%  | 0.715% |
| 291 | 18.509 | 18.354 | 18.520 | VV | 22297          | 1141929 | 6.44%  | 0.500% |
| 292 | 18.545 | 18.520 | 18.574 | VV | 46605          | 904078  | 5.10%  | 0.396% |
| 293 | 18.646 | 18.574 | 18.667 | VV | 41955          | 1295858 | 7.31%  | 0.568% |
| 294 | 18.678 | 18.667 | 18.709 | VV | 28861          | 662272  | 3.74%  | 0.290% |
| 295 | 18.765 | 18.709 | 18.831 | VV | 29992          | 1754314 | 9.90%  | 0.769% |
| 296 | 18.859 | 18.831 | 18.873 | VV | 19983          | 483267  | 2.73%  | 0.212% |
| 297 | 18.886 | 18.873 | 18.897 | VV | 19345          | 246253  | 1.39%  | 0.108% |
| 298 | 18.954 | 18.897 | 18.998 | VV | 52821          | 1702713 | 9.61%  | 0.746% |
| 299 | 19.068 | 18.998 | 19.093 | VV | 44201          | 1673682 | 9.44%  | 0.733% |
| 300 | 19.118 | 19.093 | 19.164 | VV | 43975          | 1534211 | 8.65%  | 0.672% |
| 301 | 19.215 | 19.164 | 19.237 | VV | 39185          | 1514277 | 8.54%  | 0.664% |
| 302 | 19.251 | 19.237 | 19.286 | VV | 40189          | 1085239 | 6.12%  | 0.476% |
| 303 | 19.352 | 19.286 | 19.378 | VV | 69969          | 2700186 | 15.23% | 1.183% |
| 304 | 19.397 | 19.378 | 19.436 | VV | 56974          | 1642395 | 9.26%  | 0.720% |
| 305 | 19.468 | 19.436 | 19.520 | VV | 57033          | 2459108 | 13.87% | 1.078% |
| 306 | 19.536 | 19.520 | 19.570 | VV | 50775          | 1449880 | 8.18%  | 0.635% |
| 307 | 19.584 | 19.570 | 19.603 | VV | 50347          | 934697  | 5.27%  | 0.410% |
| 308 | 19.625 | 19.603 | 19.658 | VV | 51950          | 1616243 | 9.12%  | 0.708% |
| 309 | 19.741 | 19.658 | 19.762 | VV | 80468          | 3538052 | 19.96% | 1.550% |
| 310 | 19.785 | 19.762 | 19.815 | VV | 71170          | 2093953 | 11.81% | 0.918% |
| 311 | 19.874 | 19.815 | 19.902 | VV | 81338          | 3858609 | 21.77% | 1.691% |
| 312 | 19.922 | 19.902 | 19.959 | VV | 77350          | 2570577 | 14.50% | 1.126% |
| 313 | 20.019 | 19.959 | 20.069 | VV | 81499          | 5031527 | 28.38% | 2.205% |
| 314 | 20.116 | 20.069 | 20.144 | VV | 115838         | 4434237 | 25.01% | 1.943% |
| 315 | 20.169 | 20.144 | 20.196 | VV | 104597         | 3087684 | 17.42% | 1.353% |
| 316 | 20.232 | 20.196 | 20.243 | VV | 108883         | 2826587 | 15.95% | 1.239% |

|                         |        |        |        |    | rteres |           |        |        |
|-------------------------|--------|--------|--------|----|--------|-----------|--------|--------|
| 317                     | 20.290 | 20.243 | 20.310 | VV | 117078 | 4481946   | 25.28% | 1.964% |
| 318                     | 20.322 | 20.310 | 20.381 | VV | 114420 | 4660416   | 26.29% | 2.042% |
| 319                     | 20.397 | 20.381 | 20.439 | VV | 122908 | 3849610   | 21.72% | 1.687% |
| 320                     | 20.484 | 20.439 | 20.501 | VV | 133847 | 4367491   | 24.64% | 1.914% |
|                         |        |        |        |    |        |           |        |        |
| 321                     | 20.563 | 20.501 | 20.581 | VV | 141703 | 6273793   | 35.39% | 2.749% |
| 322                     | 20.589 | 20.581 | 20.606 | VV | 136361 | 2005946   | 11.32% | 0.879% |
| 323                     | 20.639 | 20.606 | 20.661 | VV | 143316 | 4598112   | 25.94% | 2.015% |
| 324                     | 20.699 | 20.661 | 20.722 | VV | 152243 | 5310036   | 29.95% | 2.327% |
| 325                     | 20.737 | 20.722 | 20.752 | VV | 147597 | 2636563   | 14.87% | 1.155% |
|                         |        |        |        |    |        |           |        |        |
| 326                     | 20.773 | 20.752 | 20.781 | VV | 143495 | 2474002   | 13.96% | 1.084% |
| 327                     | 20.840 | 20.781 | 20.888 | VV | 160568 | 9216058   | 51.99% | 4.038% |
| 328                     | 20.901 | 20.888 | 20.934 | VV | 127091 | 3409480   | 19.23% | 1.494% |
| 329                     | 20.971 | 20.934 | 21.004 | VV | 125109 | 5008235   | 28.25% | 2.194% |
| 330                     | 21.073 | 21.004 | 21.094 | VV | 131929 | 6824226   | 38.50% | 2.990% |
|                         |        |        |        |    |        |           |        |        |
| 331                     | 21.117 | 21.094 | 21.200 | VV | 125053 | 7366239   | 41.55% | 3.228% |
| 332                     | 21.224 | 21.200 | 21.281 | VV | 113655 | 4935331   | 27.84% | 2.163% |
| 333                     | 21.348 | 21.281 | 21.478 | VV | 101593 | 10492569  | 59.19% | 4.598% |
| 334                     | 21.495 | 21.478 | 21.508 | VV | 73835  | 1293614   | 7.30%  | 0.567% |
| 335                     | 21.541 | 21.508 | 21.584 | VV | 72807  | 3144910   | 17.74% | 1.378% |
|                         |        |        |        |    |        |           |        |        |
| 336                     | 21.605 | 21.584 | 21.623 | VV | 65787  | 1458431   | 8.23%  | 0.639% |
| 337                     | 21.662 | 21.623 | 21.709 | VV | 81029  | 3549159   | 20.02% | 1.555% |
| 338                     | 21.741 | 21.709 | 21.750 | VV | 58288  | 1387920   | 7.83%  | 0.608% |
| 339                     | 21.793 | 21.750 | 21.904 | VV | 61185  | 4260883   | 24.04% | 1.867% |
| 340                     | 21.935 | 21.904 | 21.946 | VV | 28976  | 644014    | 3.63%  | 0.282% |
|                         |        |        |        |    |        |           |        |        |
| 341                     | 22.021 | 21.946 | 22.044 | VV | 34002  | 1800779   | 10.16% | 0.789% |
| 342                     | 22.050 | 22.044 | 22.127 | VV | 30236  | 1241804   | 7.01%  | 0.544% |
| 343                     | 22.155 | 22.127 | 22.211 | VV | 28097  | 859146    | 4.85%  | 0.376% |
| 344                     | 22.217 | 22.211 | 22.241 | VV | 4183   | 32979     | 0.19%  | 0.014% |
| Sum of corrected areas: |        |        |        |    |        | 228222748 |        |        |

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