

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052523AL\  
Data File : FE042223.D  
Signal(s) : FID1B.ch  
Acq On : 25 May 2023 20:57  
Sample : 02935-02  
Misc :  
ALS Vial : 21 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         | 3.339       | 3.304        | 3.421      | BV       | 219            | 4981         | 0.07%          | 0.004%        |
| 2         | 3.458       | 3.421        | 3.472      | VV       | 170            | 2398         | 0.03%          | 0.002%        |
| 3         | 3.489       | 3.472        | 3.504      | VV       | 121            | 1623         | 0.02%          | 0.001%        |
| 4         | 3.516       | 3.504        | 3.538      | VV       | 213            | 2442         | 0.03%          | 0.002%        |
| 5         | 3.560       | 3.538        | 3.575      | PV       | 221            | 3074         | 0.04%          | 0.002%        |
| 6         | 3.586       | 3.575        | 3.615      | VV       | 154            | 3187         | 0.05%          | 0.002%        |
| 7         | 3.657       | 3.615        | 3.704      | VV       | 310            | 8698         | 0.12%          | 0.007%        |
| 8         | 3.724       | 3.704        | 3.748      | VV       | 137            | 3039         | 0.04%          | 0.002%        |
| 9         | 3.755       | 3.748        | 3.768      | VV       | 155            | 1674         | 0.02%          | 0.001%        |
| 10        | 3.789       | 3.768        | 3.802      | VV       | 316            | 4158         | 0.06%          | 0.003%        |
| 11        | 3.821       | 3.802        | 3.853      | VV       | 338            | 6718         | 0.10%          | 0.005%        |
| 12        | 3.874       | 3.853        | 3.905      | VV       | 358            | 5391         | 0.08%          | 0.004%        |
| 13        | 3.927       | 3.905        | 3.956      | VV       | 429            | 6094         | 0.09%          | 0.005%        |
| 14        | 3.970       | 3.956        | 3.998      | VV       | 185            | 3317         | 0.05%          | 0.003%        |
| 15        | 4.025       | 3.998        | 4.101      | VV       | 301            | 10470        | 0.15%          | 0.008%        |
| 16        | 4.132       | 4.101        | 4.161      | VV       | 419            | 8953         | 0.13%          | 0.007%        |
| 17        | 4.185       | 4.161        | 4.230      | VV       | 422            | 11354        | 0.16%          | 0.009%        |
| 18        | 4.241       | 4.230        | 4.268      | VV       | 232            | 4939         | 0.07%          | 0.004%        |
| 19        | 4.279       | 4.268        | 4.288      | VV       | 285            | 2875         | 0.04%          | 0.002%        |
| 20        | 4.318       | 4.288        | 4.350      | VV       | 715            | 13938        | 0.20%          | 0.011%        |
| 21        | 4.363       | 4.350        | 4.391      | VV       | 314            | 6059         | 0.09%          | 0.005%        |
| 22        | 4.401       | 4.391        | 4.484      | VV       | 329            | 9739         | 0.14%          | 0.008%        |
| 23        | 4.505       | 4.484        | 4.517      | VV       | 234            | 3776         | 0.05%          | 0.003%        |
| 24        | 4.537       | 4.517        | 4.567      | VV       | 311            | 6443         | 0.09%          | 0.005%        |
| 25        | 4.593       | 4.567        | 4.613      | VV       | 562            | 9014         | 0.13%          | 0.007%        |
| 26        | 4.631       | 4.613        | 4.654      | VV       | 426            | 6135         | 0.09%          | 0.005%        |
| 27        | 4.668       | 4.654        | 4.696      | VV       | 242            | 4586         | 0.07%          | 0.004%        |
| 28        | 4.710       | 4.696        | 4.733      | VV       | 172            | 3128         | 0.04%          | 0.002%        |
| 29        | 4.756       | 4.733        | 4.797      | VV       | 631            | 10677        | 0.15%          | 0.008%        |
| 30        | 4.810       | 4.797        | 4.838      | VV       | 285            | 5138         | 0.07%          | 0.004%        |
| 31        | 4.847       | 4.838        | 4.864      | VV       | 192            | 2266         | 0.03%          | 0.002%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 4.877 | 4.864 | 4.943 | VV | 382    | 10043 | 0.14% | 0.008% |
| 33 | 4.956 | 4.943 | 4.994 | VV | 262    | 6401  | 0.09% | 0.005% |
| 34 | 5.010 | 4.994 | 5.041 | VV | 337    | 6119  | 0.09% | 0.005% |
| 35 | 5.055 | 5.041 | 5.075 | VV | 311    | 4421  | 0.06% | 0.003% |
| 36 | 5.103 | 5.075 | 5.146 | VV | 285    | 7745  | 0.11% | 0.006% |
| 37 | 5.172 | 5.146 | 5.198 | VV | 173    | 4186  | 0.06% | 0.003% |
| 38 | 5.274 | 5.198 | 5.284 | VV | 181    | 6003  | 0.09% | 0.005% |
| 39 | 5.303 | 5.284 | 5.327 | VV | 261    | 4354  | 0.06% | 0.003% |
| 40 | 5.345 | 5.327 | 5.394 | VV | 243    | 6903  | 0.10% | 0.005% |
| 41 | 5.411 | 5.394 | 5.448 | VV | 233    | 5065  | 0.07% | 0.004% |
| 42 | 5.469 | 5.448 | 5.494 | VV | 161    | 2258  | 0.03% | 0.002% |
| 43 | 5.533 | 5.494 | 5.571 | VV | 418    | 8478  | 0.12% | 0.007% |
| 44 | 5.581 | 5.571 | 5.600 | VV | 258    | 3520  | 0.05% | 0.003% |
| 45 | 5.614 | 5.600 | 5.659 | VV | 260    | 4213  | 0.06% | 0.003% |
| 46 | 5.667 | 5.659 | 5.691 | VV | 164    | 1814  | 0.03% | 0.001% |
| 47 | 5.730 | 5.691 | 5.784 | VV | 631    | 12664 | 0.18% | 0.010% |
| 48 | 5.801 | 5.784 | 5.824 | VV | 264    | 4321  | 0.06% | 0.003% |
| 49 | 5.840 | 5.824 | 5.871 | VV | 279    | 5515  | 0.08% | 0.004% |
| 50 | 5.875 | 5.871 | 5.897 | VV | 198    | 2114  | 0.03% | 0.002% |
| 51 | 5.919 | 5.897 | 5.963 | VV | 339    | 7831  | 0.11% | 0.006% |
| 52 | 5.987 | 5.963 | 6.010 | VV | 280    | 5858  | 0.08% | 0.005% |
| 53 | 6.040 | 6.010 | 6.064 | VV | 312    | 6523  | 0.09% | 0.005% |
| 54 | 6.094 | 6.064 | 6.111 | VV | 234    | 4496  | 0.06% | 0.003% |
| 55 | 6.123 | 6.111 | 6.201 | VV | 226    | 7662  | 0.11% | 0.006% |
| 56 | 6.208 | 6.201 | 6.244 | VV | 161    | 2967  | 0.04% | 0.002% |
| 57 | 6.264 | 6.244 | 6.284 | VV | 311    | 4870  | 0.07% | 0.004% |
| 58 | 6.303 | 6.284 | 6.391 | VV | 2529   | 39068 | 0.56% | 0.030% |
| 59 | 6.408 | 6.391 | 6.442 | VV | 324    | 5678  | 0.08% | 0.004% |
| 60 | 6.472 | 6.442 | 6.533 | VV | 536    | 11498 | 0.16% | 0.009% |
| 61 | 6.543 | 6.533 | 6.570 | VV | 194    | 3508  | 0.05% | 0.003% |
| 62 | 6.597 | 6.570 | 6.650 | VV | 264    | 8685  | 0.12% | 0.007% |
| 63 | 6.670 | 6.650 | 6.696 | VV | 204    | 4235  | 0.06% | 0.003% |
| 64 | 6.708 | 6.696 | 6.735 | VV | 210    | 3315  | 0.05% | 0.003% |
| 65 | 6.760 | 6.735 | 6.805 | VV | 624    | 9980  | 0.14% | 0.008% |
| 66 | 6.881 | 6.805 | 6.896 | VV | 220    | 6496  | 0.09% | 0.005% |
| 67 | 6.914 | 6.896 | 6.974 | VV | 434    | 8790  | 0.13% | 0.007% |
| 68 | 6.989 | 6.974 | 7.008 | VV | 215    | 2835  | 0.04% | 0.002% |
| 69 | 7.021 | 7.008 | 7.034 | VV | 125    | 1550  | 0.02% | 0.001% |
| 70 | 7.046 | 7.034 | 7.071 | VV | 93     | 2044  | 0.03% | 0.002% |
| 71 | 7.088 | 7.071 | 7.115 | VV | 245    | 4076  | 0.06% | 0.003% |
| 72 | 7.153 | 7.115 | 7.188 | VV | 211    | 4754  | 0.07% | 0.004% |
| 73 | 7.211 | 7.188 | 7.231 | VV | 328    | 5495  | 0.08% | 0.004% |
| 74 | 7.247 | 7.231 | 7.316 | VV | 414    | 14067 | 0.20% | 0.011% |
| 75 | 7.335 | 7.316 | 7.358 | VV | 283    | 4955  | 0.07% | 0.004% |
| 76 | 7.398 | 7.358 | 7.459 | VV | 1897   | 34223 | 0.49% | 0.026% |
| 77 | 7.482 | 7.459 | 7.510 | VV | 759    | 11207 | 0.16% | 0.009% |
| 78 | 7.535 | 7.510 | 7.615 | VV | 2032   | 29895 | 0.43% | 0.023% |
| 79 | 7.621 | 7.615 | 7.631 | VV | 210    | 1442  | 0.02% | 0.001% |

|     |        |        |        |    |               |        |       |        |
|-----|--------|--------|--------|----|---------------|--------|-------|--------|
| 80  | 7.653  | 7.631  | 7.671  | VV | rteres<br>168 | 3646   | 0.05% | 0.003% |
| 81  | 7.708  | 7.671  | 7.739  | VV | 1249          | 18094  | 0.26% | 0.014% |
| 82  | 7.749  | 7.739  | 7.813  | VV | 199           | 6096   | 0.09% | 0.005% |
| 83  | 7.828  | 7.813  | 7.861  | PV | 267           | 4255   | 0.06% | 0.003% |
| 84  | 7.884  | 7.861  | 7.918  | VV | 252           | 5674   | 0.08% | 0.004% |
| 85  | 7.952  | 7.918  | 7.959  | VV | 166           | 2920   | 0.04% | 0.002% |
| 86  | 7.967  | 7.959  | 7.977  | VV | 145           | 1331   | 0.02% | 0.001% |
| 87  | 8.135  | 8.107  | 8.182  | VV | 1459          | 45573  | 0.65% | 0.035% |
| 88  | 8.192  | 8.182  | 8.221  | VV | 593           | 11289  | 0.16% | 0.009% |
| 89  | 8.237  | 8.221  | 8.261  | VV | 406           | 8276   | 0.12% | 0.006% |
| 90  | 8.293  | 8.261  | 8.324  | VV | 692           | 20203  | 0.29% | 0.016% |
| 91  | 8.339  | 8.324  | 8.358  | VV | 448           | 6560   | 0.09% | 0.005% |
| 92  | 8.408  | 8.358  | 8.454  | VV | 1306          | 28964  | 0.41% | 0.022% |
| 93  | 8.514  | 8.454  | 8.529  | VV | 2245          | 32966  | 0.47% | 0.025% |
| 94  | 8.541  | 8.529  | 8.561  | VV | 1452          | 17652  | 0.25% | 0.014% |
| 95  | 8.588  | 8.561  | 8.620  | VV | 1657          | 25415  | 0.36% | 0.020% |
| 96  | 8.635  | 8.620  | 8.644  | VV | 318           | 3507   | 0.05% | 0.003% |
| 97  | 8.700  | 8.644  | 8.738  | VV | 2068          | 50239  | 0.72% | 0.039% |
| 98  | 8.749  | 8.738  | 8.767  | VV | 362           | 4984   | 0.07% | 0.004% |
| 99  | 8.789  | 8.767  | 8.828  | VV | 741           | 10935  | 0.16% | 0.008% |
| 100 | 8.840  | 8.828  | 8.861  | VV | 286           | 2722   | 0.04% | 0.002% |
| 101 | 8.997  | 8.973  | 9.031  | VV | 14471         | 177947 | 2.55% | 0.138% |
| 102 | 9.045  | 9.031  | 9.098  | VV | 1535          | 39343  | 0.56% | 0.030% |
| 103 | 9.127  | 9.098  | 9.175  | VV | 1042          | 31739  | 0.45% | 0.025% |
| 104 | 9.196  | 9.175  | 9.220  | VV | 738           | 15491  | 0.22% | 0.012% |
| 105 | 9.239  | 9.220  | 9.251  | VV | 1251          | 17187  | 0.25% | 0.013% |
| 106 | 9.273  | 9.251  | 9.304  | VV | 11755         | 142358 | 2.04% | 0.110% |
| 107 | 9.313  | 9.304  | 9.349  | VV | 945           | 18957  | 0.27% | 0.015% |
| 108 | 9.363  | 9.349  | 9.391  | VV | 679           | 11649  | 0.17% | 0.009% |
| 109 | 9.412  | 9.391  | 9.433  | VV | 2071          | 29337  | 0.42% | 0.023% |
| 110 | 9.450  | 9.433  | 9.520  | VV | 1758          | 28290  | 0.40% | 0.022% |
| 111 | 9.567  | 9.520  | 9.583  | VV | 1510          | 19766  | 0.28% | 0.015% |
| 112 | 9.599  | 9.583  | 9.634  | VV | 1288          | 16892  | 0.24% | 0.013% |
| 113 | 9.651  | 9.634  | 9.664  | VV | 372           | 4501   | 0.06% | 0.003% |
| 114 | 9.703  | 9.664  | 9.725  | VV | 1565          | 25471  | 0.36% | 0.020% |
| 115 | 9.743  | 9.725  | 9.760  | VV | 1063          | 13160  | 0.19% | 0.010% |
| 116 | 9.787  | 9.760  | 9.841  | VV | 7772          | 106137 | 1.52% | 0.082% |
| 117 | 9.865  | 9.841  | 9.895  | VV | 2828          | 47804  | 0.68% | 0.037% |
| 118 | 9.907  | 9.895  | 9.919  | VV | 1621          | 18444  | 0.26% | 0.014% |
| 119 | 9.939  | 9.919  | 9.979  | VV | 4751          | 74453  | 1.07% | 0.058% |
| 120 | 10.000 | 9.979  | 10.035 | VV | 3272          | 49322  | 0.71% | 0.038% |
| 121 | 10.065 | 10.035 | 10.092 | VV | 58121         | 635597 | 9.10% | 0.491% |
| 122 | 10.109 | 10.092 | 10.145 | VV | 9731          | 130823 | 1.87% | 0.101% |
| 123 | 10.157 | 10.145 | 10.176 | VV | 1116          | 16286  | 0.23% | 0.013% |
| 124 | 10.210 | 10.176 | 10.251 | VV | 10991         | 165427 | 2.37% | 0.128% |
| 125 | 10.272 | 10.251 | 10.298 | VV | 2127          | 31155  | 0.45% | 0.024% |
| 126 | 10.305 | 10.298 | 10.328 | VV | 612           | 8115   | 0.12% | 0.006% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 127 | 10.373 | 10.328 | 10.406 | VV | 606    | 16816   | 0.24%   | 0.013% |
| 128 | 10.414 | 10.406 | 10.450 | VV | 206    | 2873    | 0.04%   | 0.002% |
| 129 | 10.480 | 10.450 | 10.494 | PV | 206    | 2742    | 0.04%   | 0.002% |
| 130 | 10.538 | 10.494 | 10.568 | VV | 4589   | 57063   | 0.82%   | 0.044% |
| 131 | 10.586 | 10.568 | 10.621 | VV | 969    | 17265   | 0.25%   | 0.013% |
| 132 | 10.644 | 10.621 | 10.658 | VV | 1886   | 25875   | 0.37%   | 0.020% |
| 133 | 10.672 | 10.658 | 10.693 | VV | 1586   | 22206   | 0.32%   | 0.017% |
| 134 | 10.713 | 10.693 | 10.754 | VV | 1647   | 26360   | 0.38%   | 0.020% |
| 135 | 10.789 | 10.754 | 10.814 | VV | 2635   | 41437   | 0.59%   | 0.032% |
| 136 | 10.841 | 10.814 | 10.903 | VV | 44457  | 533342  | 7.63%   | 0.412% |
| 137 | 10.958 | 10.903 | 10.969 | VV | 4868   | 81801   | 1.17%   | 0.063% |
| 138 | 10.994 | 10.969 | 11.072 | VV | 20596  | 340866  | 4.88%   | 0.263% |
| 139 | 11.091 | 11.072 | 11.110 | VV | 3745   | 43915   | 0.63%   | 0.034% |
| 140 | 11.123 | 11.110 | 11.140 | VV | 1080   | 13986   | 0.20%   | 0.011% |
| 141 | 11.194 | 11.140 | 11.240 | VV | 459939 | 5045971 | 72.21%  | 3.899% |
| 142 | 11.267 | 11.240 | 11.332 | VV | 82939  | 983923  | 14.08%  | 0.760% |
| 143 | 11.346 | 11.332 | 11.418 | VV | 1668   | 37523   | 0.54%   | 0.029% |
| 144 | 11.439 | 11.418 | 11.458 | VV | 2930   | 36165   | 0.52%   | 0.028% |
| 145 | 11.482 | 11.458 | 11.543 | VV | 22047  | 270777  | 3.87%   | 0.209% |
| 146 | 11.597 | 11.543 | 11.613 | VV | 1293   | 29837   | 0.43%   | 0.023% |
| 147 | 11.636 | 11.613 | 11.667 | VV | 1792   | 29580   | 0.42%   | 0.023% |
| 148 | 11.727 | 11.667 | 11.758 | VV | 8522   | 216379  | 3.10%   | 0.167% |
| 149 | 11.796 | 11.758 | 11.818 | PV | 3588   | 48909   | 0.70%   | 0.038% |
| 150 | 11.845 | 11.818 | 11.864 | VV | 3373   | 45935   | 0.66%   | 0.035% |
| 151 | 11.885 | 11.864 | 11.909 | VV | 3738   | 45750   | 0.65%   | 0.035% |
| 152 | 11.918 | 11.909 | 11.925 | VV | 318    | 2497    | 0.04%   | 0.002% |
| 153 | 11.962 | 11.925 | 11.984 | VV | 638462 | 6988072 | 100.00% | 5.400% |
| 154 | 11.996 | 11.984 | 12.011 | VV | 29516  | 314314  | 4.50%   | 0.243% |
| 155 | 12.027 | 12.011 | 12.068 | VV | 36624  | 455912  | 6.52%   | 0.352% |
| 156 | 12.110 | 12.068 | 12.127 | VV | 12995  | 244544  | 3.50%   | 0.189% |
| 157 | 12.144 | 12.127 | 12.158 | VV | 14820  | 167957  | 2.40%   | 0.130% |
| 158 | 12.175 | 12.158 | 12.206 | VV | 20853  | 260816  | 3.73%   | 0.202% |
| 159 | 12.223 | 12.206 | 12.237 | VV | 1175   | 15071   | 0.22%   | 0.012% |
| 160 | 12.257 | 12.237 | 12.278 | VV | 2372   | 30552   | 0.44%   | 0.024% |
| 161 | 12.313 | 12.278 | 12.328 | VV | 2112   | 37532   | 0.54%   | 0.029% |
| 162 | 12.353 | 12.328 | 12.386 | VV | 44269  | 510669  | 7.31%   | 0.395% |
| 163 | 12.402 | 12.386 | 12.440 | VV | 4357   | 71582   | 1.02%   | 0.055% |
| 164 | 12.465 | 12.440 | 12.508 | VV | 25545  | 316403  | 4.53%   | 0.245% |
| 165 | 12.522 | 12.508 | 12.584 | VV | 1993   | 39495   | 0.57%   | 0.031% |
| 166 | 12.614 | 12.584 | 12.682 | VV | 3526   | 70978   | 1.02%   | 0.055% |
| 167 | 12.716 | 12.682 | 12.768 | VV | 4404   | 93017   | 1.33%   | 0.072% |
| 168 | 12.787 | 12.768 | 12.820 | VV | 5229   | 91207   | 1.31%   | 0.070% |
| 169 | 12.846 | 12.820 | 12.876 | VV | 47982  | 555157  | 7.94%   | 0.429% |
| 170 | 12.897 | 12.876 | 12.915 | VV | 8523   | 111083  | 1.59%   | 0.086% |
| 171 | 12.932 | 12.915 | 12.945 | VV | 4473   | 64042   | 0.92%   | 0.049% |
| 172 | 12.957 | 12.945 | 12.980 | VV | 4453   | 64134   | 0.92%   | 0.050% |
| 173 | 13.017 | 12.980 | 13.056 | VV | 560003 | 6409961 | 91.73%  | 4.954% |
| 174 | 13.074 | 13.056 | 13.097 | VV | 5213   | 69506   | 0.99%   | 0.054% |

|     |        |        |        |    |               |         |        |        |
|-----|--------|--------|--------|----|---------------|---------|--------|--------|
| 175 | 13.108 | 13.097 | 13.118 | VV | rteres<br>759 | 8069    | 0.12%  | 0.006% |
| 176 | 13.198 | 13.118 | 13.212 | VV | 14537         | 313065  | 4.48%  | 0.242% |
| 177 | 13.220 | 13.212 | 13.279 | VV | 9886          | 162039  | 2.32%  | 0.125% |
| 178 | 13.313 | 13.279 | 13.344 | VV | 408944        | 4756784 | 68.07% | 3.676% |
| 179 | 13.396 | 13.344 | 13.435 | VV | 490448        | 6261694 | 89.61% | 4.839% |
| 180 | 13.451 | 13.435 | 13.464 | VV | 2205          | 33087   | 0.47%  | 0.026% |
| 181 | 13.484 | 13.464 | 13.495 | VV | 11512         | 134484  | 1.92%  | 0.104% |
| 182 | 13.507 | 13.495 | 13.536 | VV | 12070         | 158973  | 2.27%  | 0.123% |
| 183 | 13.577 | 13.536 | 13.602 | VV | 18539         | 254432  | 3.64%  | 0.197% |
| 184 | 13.613 | 13.602 | 13.630 | VV | 2612          | 32902   | 0.47%  | 0.025% |
| 185 | 13.654 | 13.630 | 13.675 | VV | 6413          | 87236   | 1.25%  | 0.067% |
| 186 | 13.708 | 13.675 | 13.741 | VV | 9774          | 151640  | 2.17%  | 0.117% |
| 187 | 13.771 | 13.741 | 13.850 | VV | 16576         | 271439  | 3.88%  | 0.210% |
| 188 | 13.897 | 13.850 | 13.934 | VV | 11220         | 295424  | 4.23%  | 0.228% |
| 189 | 13.966 | 13.934 | 13.987 | VV | 4073          | 60017   | 0.86%  | 0.046% |
| 190 | 14.012 | 13.987 | 14.024 | VV | 2687          | 36401   | 0.52%  | 0.028% |
| 191 | 14.046 | 14.024 | 14.070 | VV | 18237         | 225947  | 3.23%  | 0.175% |
| 192 | 14.088 | 14.070 | 14.110 | VV | 5413          | 81396   | 1.16%  | 0.063% |
| 193 | 14.143 | 14.110 | 14.156 | VV | 7463          | 139019  | 1.99%  | 0.107% |
| 194 | 14.176 | 14.156 | 14.196 | VV | 14535         | 211455  | 3.03%  | 0.163% |
| 195 | 14.216 | 14.196 | 14.257 | VV | 14020         | 213183  | 3.05%  | 0.165% |
| 196 | 14.293 | 14.257 | 14.311 | VV | 2887          | 59828   | 0.86%  | 0.046% |
| 197 | 14.335 | 14.311 | 14.357 | VV | 3235          | 62697   | 0.90%  | 0.048% |
| 198 | 14.381 | 14.357 | 14.414 | VV | 3266          | 74971   | 1.07%  | 0.058% |
| 199 | 14.428 | 14.414 | 14.442 | VV | 2289          | 31463   | 0.45%  | 0.024% |
| 200 | 14.454 | 14.442 | 14.472 | VV | 2048          | 25967   | 0.37%  | 0.020% |
| 201 | 14.483 | 14.472 | 14.504 | VV | 1020          | 10736   | 0.15%  | 0.008% |
| 202 | 14.586 | 14.504 | 14.607 | PV | 4039          | 96453   | 1.38%  | 0.075% |
| 203 | 14.634 | 14.607 | 14.670 | VV | 47552         | 607432  | 8.69%  | 0.469% |
| 204 | 14.680 | 14.670 | 14.691 | VV | 2063          | 22817   | 0.33%  | 0.018% |
| 205 | 14.710 | 14.691 | 14.770 | VV | 3483          | 89443   | 1.28%  | 0.069% |
| 206 | 14.811 | 14.770 | 14.848 | VV | 28763         | 529423  | 7.58%  | 0.409% |
| 207 | 14.876 | 14.848 | 14.899 | VV | 43575         | 590578  | 8.45%  | 0.456% |
| 208 | 14.937 | 14.899 | 14.981 | VV | 45188         | 756792  | 10.83% | 0.585% |
| 209 | 15.059 | 14.981 | 15.116 | VV | 10423         | 254188  | 3.64%  | 0.196% |
| 210 | 15.139 | 15.116 | 15.158 | VV | 9209          | 117544  | 1.68%  | 0.091% |
| 211 | 15.188 | 15.158 | 15.209 | VV | 181983        | 2277356 | 32.59% | 1.760% |
| 212 | 15.230 | 15.209 | 15.264 | VV | 165800        | 2124495 | 30.40% | 1.642% |
| 213 | 15.278 | 15.264 | 15.306 | VV | 6122          | 103314  | 1.48%  | 0.080% |
| 214 | 15.346 | 15.306 | 15.371 | VV | 16810         | 280800  | 4.02%  | 0.217% |
| 215 | 15.380 | 15.371 | 15.400 | VV | 4768          | 64902   | 0.93%  | 0.050% |
| 216 | 15.427 | 15.400 | 15.463 | VV | 6821          | 135551  | 1.94%  | 0.105% |
| 217 | 15.490 | 15.463 | 15.510 | PV | 13115         | 197716  | 2.83%  | 0.153% |
| 218 | 15.530 | 15.510 | 15.588 | VV | 12263         | 277417  | 3.97%  | 0.214% |
| 219 | 15.635 | 15.588 | 15.740 | VV | 21074         | 626874  | 8.97%  | 0.484% |
| 220 | 15.768 | 15.740 | 15.793 | VV | 6003          | 113417  | 1.62%  | 0.088% |
| 221 | 15.860 | 15.793 | 15.882 | VV | 20534         | 458543  | 6.56%  | 0.354% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 15.897 | 15.882 | 15.946 | VV | 8865   | 144147  | 2.06%  | 0.111% |
| 223 | 16.022 | 15.946 | 16.078 | VV | 6884   | 233202  | 3.34%  | 0.180% |
| 224 | 16.100 | 16.078 | 16.128 | VV | 5198   | 77948   | 1.12%  | 0.060% |
| 225 | 16.183 | 16.128 | 16.201 | VV | 5754   | 94914   | 1.36%  | 0.073% |
| 226 | 16.219 | 16.201 | 16.241 | VV | 4909   | 71862   | 1.03%  | 0.056% |
| 227 | 16.269 | 16.241 | 16.302 | VV | 5475   | 121283  | 1.74%  | 0.094% |
| 228 | 16.318 | 16.302 | 16.378 | VV | 3330   | 74386   | 1.06%  | 0.057% |
| 229 | 16.412 | 16.378 | 16.433 | VV | 2066   | 36595   | 0.52%  | 0.028% |
| 230 | 16.475 | 16.433 | 16.511 | VV | 9388   | 189269  | 2.71%  | 0.146% |
| 231 | 16.531 | 16.511 | 16.552 | VV | 8305   | 113914  | 1.63%  | 0.088% |
| 232 | 16.584 | 16.552 | 16.622 | VV | 8870   | 200914  | 2.88%  | 0.155% |
| 233 | 16.676 | 16.622 | 16.705 | VV | 18145  | 426474  | 6.10%  | 0.330% |
| 234 | 16.748 | 16.705 | 16.766 | VV | 167287 | 2442018 | 34.95% | 1.887% |
| 235 | 16.774 | 16.766 | 16.811 | VV | 76393  | 911685  | 13.05% | 0.705% |
| 236 | 16.832 | 16.811 | 16.853 | VV | 10126  | 191741  | 2.74%  | 0.148% |
| 237 | 16.876 | 16.853 | 16.897 | VV | 18436  | 290917  | 4.16%  | 0.225% |
| 238 | 16.913 | 16.897 | 16.951 | VV | 9778   | 227346  | 3.25%  | 0.176% |
| 239 | 16.964 | 16.951 | 16.977 | VV | 5526   | 81245   | 1.16%  | 0.063% |
| 240 | 16.997 | 16.977 | 17.013 | VV | 8109   | 145159  | 2.08%  | 0.112% |
| 241 | 17.067 | 17.013 | 17.095 | VV | 96312  | 1589605 | 22.75% | 1.228% |
| 242 | 17.124 | 17.095 | 17.172 | VV | 103278 | 1590458 | 22.76% | 1.229% |
| 243 | 17.192 | 17.172 | 17.200 | VV | 6820   | 101367  | 1.45%  | 0.078% |
| 244 | 17.225 | 17.200 | 17.252 | VV | 37032  | 547239  | 7.83%  | 0.423% |
| 245 | 17.271 | 17.252 | 17.309 | VV | 8718   | 206952  | 2.96%  | 0.160% |
| 246 | 17.365 | 17.309 | 17.412 | VV | 7727   | 323104  | 4.62%  | 0.250% |
| 247 | 17.427 | 17.412 | 17.449 | VV | 3970   | 72177   | 1.03%  | 0.056% |
| 248 | 17.490 | 17.449 | 17.568 | VV | 6949   | 280645  | 4.02%  | 0.217% |
| 249 | 17.624 | 17.568 | 17.640 | VV | 9208   | 240700  | 3.44%  | 0.186% |
| 250 | 17.661 | 17.640 | 17.691 | VV | 8977   | 220816  | 3.16%  | 0.171% |
| 251 | 17.710 | 17.691 | 17.727 | VV | 5978   | 106959  | 1.53%  | 0.083% |
| 252 | 17.740 | 17.727 | 17.761 | VV | 4938   | 93660   | 1.34%  | 0.072% |
| 253 | 17.792 | 17.761 | 17.804 | VV | 4855   | 119582  | 1.71%  | 0.092% |
| 254 | 17.822 | 17.804 | 17.863 | VV | 5694   | 161554  | 2.31%  | 0.125% |
| 255 | 17.879 | 17.863 | 17.888 | VV | 4205   | 59369   | 0.85%  | 0.046% |
| 256 | 17.925 | 17.888 | 17.954 | VV | 6028   | 188396  | 2.70%  | 0.146% |
| 257 | 17.966 | 17.954 | 17.981 | VV | 4004   | 62557   | 0.90%  | 0.048% |
| 258 | 17.991 | 17.981 | 18.010 | VV | 3925   | 64298   | 0.92%  | 0.050% |
| 259 | 18.104 | 18.010 | 18.132 | VV | 13266  | 527421  | 7.55%  | 0.408% |
| 260 | 18.144 | 18.132 | 18.162 | VV | 8119   | 137166  | 1.96%  | 0.106% |
| 261 | 18.184 | 18.162 | 18.201 | VV | 10153  | 207372  | 2.97%  | 0.160% |
| 262 | 18.222 | 18.201 | 18.240 | VV | 13487  | 257560  | 3.69%  | 0.199% |
| 263 | 18.262 | 18.240 | 18.320 | VV | 16222  | 582515  | 8.34%  | 0.450% |
| 264 | 18.343 | 18.320 | 18.372 | VV | 15860  | 352515  | 5.04%  | 0.272% |
| 265 | 18.403 | 18.372 | 18.451 | VV | 29957  | 771232  | 11.04% | 0.596% |
| 266 | 18.494 | 18.451 | 18.518 | VV | 91965  | 1587465 | 22.72% | 1.227% |
| 267 | 18.533 | 18.518 | 18.562 | VV | 29727  | 609674  | 8.72%  | 0.471% |
| 268 | 18.576 | 18.562 | 18.600 | VV | 16612  | 318261  | 4.55%  | 0.246% |
| 269 | 18.627 | 18.600 | 18.642 | VV | 28172  | 493269  | 7.06%  | 0.381% |

|     |        |        |        |    |                 |         |        |        |
|-----|--------|--------|--------|----|-----------------|---------|--------|--------|
| 270 | 18.658 | 18.642 | 18.685 | VV | rteres<br>26354 | 516687  | 7.39%  | 0.399% |
| 271 | 18.696 | 18.685 | 18.718 | VV | 14921           | 251907  | 3.60%  | 0.195% |
| 272 | 18.748 | 18.718 | 18.797 | VV | 84930           | 1457200 | 20.85% | 1.126% |
| 273 | 18.832 | 18.797 | 18.858 | VV | 14658           | 469365  | 6.72%  | 0.363% |
| 274 | 18.878 | 18.858 | 18.901 | VV | 15325           | 344065  | 4.92%  | 0.266% |
| 275 | 18.931 | 18.901 | 18.957 | VV | 14638           | 428828  | 6.14%  | 0.331% |
| 276 | 18.975 | 18.957 | 18.997 | VV | 13909           | 301890  | 4.32%  | 0.233% |
| 277 | 19.055 | 18.997 | 19.107 | VV | 14547           | 832565  | 11.91% | 0.643% |
| 278 | 19.118 | 19.107 | 19.128 | VV | 12293           | 152850  | 2.19%  | 0.118% |
| 279 | 19.149 | 19.128 | 19.161 | VV | 13204           | 254869  | 3.65%  | 0.197% |
| 280 | 19.179 | 19.161 | 19.201 | VV | 14448           | 323698  | 4.63%  | 0.250% |
| 281 | 19.217 | 19.201 | 19.233 | VV | 13405           | 247015  | 3.53%  | 0.191% |
| 282 | 19.262 | 19.233 | 19.274 | VV | 15796           | 355135  | 5.08%  | 0.274% |
| 283 | 19.306 | 19.274 | 19.376 | VV | 21657           | 1137719 | 16.28% | 0.879% |
| 284 | 19.424 | 19.376 | 19.447 | VV | 20069           | 732043  | 10.48% | 0.566% |
| 285 | 19.460 | 19.447 | 19.484 | VV | 17999           | 376444  | 5.39%  | 0.291% |
| 286 | 19.538 | 19.484 | 19.558 | VV | 17014           | 691328  | 9.89%  | 0.534% |
| 287 | 19.603 | 19.558 | 19.614 | VV | 18438           | 592346  | 8.48%  | 0.458% |
| 288 | 19.636 | 19.614 | 19.654 | VV | 19361           | 437305  | 6.26%  | 0.338% |
| 289 | 19.691 | 19.654 | 19.703 | VV | 19512           | 564179  | 8.07%  | 0.436% |
| 290 | 19.724 | 19.703 | 19.742 | VV | 19757           | 451590  | 6.46%  | 0.349% |
| 291 | 19.764 | 19.742 | 19.804 | VV | 20525           | 730592  | 10.45% | 0.565% |
| 292 | 19.841 | 19.804 | 19.869 | VV | 26281           | 889463  | 12.73% | 0.687% |
| 293 | 19.905 | 19.869 | 19.932 | VV | 51211           | 1282701 | 18.36% | 0.991% |
| 294 | 19.970 | 19.932 | 20.001 | VV | 49140           | 1477967 | 21.15% | 1.142% |
| 295 | 20.018 | 20.001 | 20.041 | VV | 31746           | 708755  | 10.14% | 0.548% |
| 296 | 20.060 | 20.041 | 20.078 | VV | 30190           | 652876  | 9.34%  | 0.505% |
| 297 | 20.095 | 20.078 | 20.136 | VV | 29712           | 944852  | 13.52% | 0.730% |
| 298 | 20.185 | 20.136 | 20.221 | VV | 30480           | 1336241 | 19.12% | 1.033% |
| 299 | 20.281 | 20.221 | 20.325 | VV | 56797           | 2273272 | 32.53% | 1.757% |
| 300 | 20.351 | 20.325 | 20.397 | VV | 37825           | 1443414 | 20.66% | 1.115% |
| 301 | 20.421 | 20.397 | 20.444 | VV | 33343           | 884118  | 12.65% | 0.683% |
| 302 | 20.459 | 20.444 | 20.517 | VV | 31416           | 1322958 | 18.93% | 1.022% |
| 303 | 20.556 | 20.517 | 20.578 | VV | 30944           | 1094510 | 15.66% | 0.846% |
| 304 | 20.626 | 20.578 | 20.651 | VV | 37359           | 1470376 | 21.04% | 1.136% |
| 305 | 20.705 | 20.651 | 20.750 | VV | 36186           | 2085456 | 29.84% | 1.612% |
| 306 | 20.768 | 20.750 | 20.790 | VV | 34902           | 824445  | 11.80% | 0.637% |
| 307 | 20.827 | 20.790 | 20.842 | VV | 37218           | 1124058 | 16.09% | 0.869% |
| 308 | 20.936 | 20.842 | 20.974 | VV | 42293           | 3121798 | 44.67% | 2.412% |
| 309 | 20.985 | 20.974 | 21.098 | VV | 40996           | 2704418 | 38.70% | 2.090% |
| 310 | 21.134 | 21.098 | 21.143 | VV | 33747           | 913043  | 13.07% | 0.706% |
| 311 | 21.177 | 21.143 | 21.190 | VV | 34612           | 961110  | 13.75% | 0.743% |
| 312 | 21.210 | 21.190 | 21.262 | VV | 35628           | 1463893 | 20.95% | 1.131% |
| 313 | 21.305 | 21.262 | 21.370 | VV | 35877           | 2204968 | 31.55% | 1.704% |
| 314 | 21.403 | 21.370 | 21.441 | VV | 33218           | 1358542 | 19.44% | 1.050% |
| 315 | 21.519 | 21.441 | 21.541 | VV | 36016           | 1969870 | 28.19% | 1.522% |
| 316 | 21.557 | 21.541 | 21.571 | VV | 34619           | 616927  | 8.83%  | 0.477% |

|     |        |        |        |     |                         |           |        |        |  |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|--|
|     |        |        |        |     | rteres                  |           |        |        |  |
| 317 | 21.591 | 21.571 | 21.631 | VV  | 35066                   | 1217081   | 17.42% | 0.941% |  |
| 318 | 21.687 | 21.631 | 21.744 | VV  | 40666                   | 2448256   | 35.03% | 1.892% |  |
| 319 | 21.754 | 21.744 | 21.830 | VV  | 32799                   | 1582524   | 22.65% | 1.223% |  |
| 320 | 21.856 | 21.830 | 21.868 | VV  | 30573                   | 687082    | 9.83%  | 0.531% |  |
| 321 | 21.903 | 21.868 | 21.955 | VV  | 32710                   | 1611057   | 23.05% | 1.245% |  |
| 322 | 21.995 | 21.955 | 22.040 | VV  | 36432                   | 1647304   | 23.57% | 1.273% |  |
| 323 | 22.077 | 22.040 | 22.113 | VV  | 35779                   | 1424656   | 20.39% | 1.101% |  |
| 324 | 22.127 | 22.113 | 22.155 | VV  | 29948                   | 737392    | 10.55% | 0.570% |  |
| 325 | 22.181 | 22.155 | 22.211 | VV  | 29750                   | 974915    | 13.95% | 0.753% |  |
| 326 | 22.221 | 22.211 | 22.251 | VBA | 29087                   | 735119    | 10.52% | 0.568% |  |
|     |        |        |        |     | Sum of corrected areas: | 129402520 |        |        |  |

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