

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011923AL\  
 Data File : FE039905.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Jan 2023 15:13  
 Sample : 01217-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 011023.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         | 3.316       | 3.254        | 3.345      | BV       | 111            | 2280         | 0.04%          | 0.007%        |
| 2         | 3.361       | 3.345        | 3.394      | PV       | 93             | 2217         | 0.04%          | 0.007%        |
| 3         | 3.424       | 3.394        | 3.571      | VV       | 181            | 11151        | 0.21%          | 0.034%        |
| 4         | 3.580       | 3.571        | 3.734      | VV       | 103            | 5128         | 0.10%          | 0.016%        |
| 5         | 3.761       | 3.734        | 3.767      | PV       | 157            | 2089         | 0.04%          | 0.006%        |
| 6         | 3.781       | 3.767        | 3.853      | VV       | 432            | 7213         | 0.14%          | 0.022%        |
| 7         | 3.898       | 3.853        | 3.923      | VV       | 314            | 5248         | 0.10%          | 0.016%        |
| 8         | 3.937       | 3.923        | 3.970      | VV       | 128            | 2366         | 0.04%          | 0.007%        |
| 9         | 3.986       | 3.970        | 4.071      | VV       | 233            | 4734         | 0.09%          | 0.015%        |
| 10        | 4.122       | 4.071        | 4.161      | PV       | 172            | 6025         | 0.11%          | 0.018%        |
| 11        | 4.174       | 4.161        | 4.254      | VV       | 201            | 6628         | 0.12%          | 0.020%        |
| 12        | 4.262       | 4.254        | 4.308      | VV       | 132            | 3894         | 0.07%          | 0.012%        |
| 13        | 4.317       | 4.308        | 4.334      | VV       | 240            | 2545         | 0.05%          | 0.008%        |
| 14        | 4.339       | 4.334        | 4.381      | VV       | 189            | 3615         | 0.07%          | 0.011%        |
| 15        | 4.415       | 4.381        | 4.441      | VV       | 590            | 8522         | 0.16%          | 0.026%        |
| 16        | 4.452       | 4.441        | 4.484      | VV       | 129            | 2301         | 0.04%          | 0.007%        |
| 17        | 4.554       | 4.484        | 4.608      | VV       | 137            | 5499         | 0.10%          | 0.017%        |
| 18        | 4.627       | 4.608        | 4.660      | PV       | 227            | 3007         | 0.06%          | 0.009%        |
| 19        | 4.677       | 4.660        | 4.708      | VV       | 208            | 3036         | 0.06%          | 0.009%        |
| 20        | 4.727       | 4.708        | 4.760      | VV       | 314            | 3819         | 0.07%          | 0.012%        |
| 21        | 4.771       | 4.760        | 4.784      | VV       | 139            | 1450         | 0.03%          | 0.004%        |
| 22        | 4.804       | 4.784        | 4.819      | VV       | 128            | 2167         | 0.04%          | 0.007%        |
| 23        | 4.838       | 4.819        | 4.846      | VV       | 187            | 2214         | 0.04%          | 0.007%        |
| 24        | 4.858       | 4.846        | 4.868      | VV       | 169            | 1848         | 0.03%          | 0.006%        |
| 25        | 4.895       | 4.868        | 4.924      | VV       | 224            | 5948         | 0.11%          | 0.018%        |
| 26        | 5.114       | 4.924        | 5.204      | VV       | 1297           | 79787        | 1.50%          | 0.245%        |
| 27        | 5.214       | 5.204        | 5.231      | VV       | 202            | 2117         | 0.04%          | 0.006%        |
| 28        | 5.251       | 5.231        | 5.267      | VV       | 179            | 2955         | 0.06%          | 0.009%        |
| 29        | 5.281       | 5.267        | 5.304      | VV       | 209            | 3107         | 0.06%          | 0.010%        |
| 30        | 5.329       | 5.304        | 5.382      | VV       | 294            | 6840         | 0.13%          | 0.021%        |
| 31        | 5.457       | 5.382        | 5.488      | VV       | 676            | 15847        | 0.30%          | 0.049%        |
| 32        | 5.500       | 5.488        | 5.530      | VV       | 243            | 4680         | 0.09%          | 0.014%        |
| 33        | 5.541       | 5.530        | 5.621      | VV       | 232            | 8047         | 0.15%          | 0.025%        |
| 34        | 5.632       | 5.621        | 5.658      | VV       | 167            | 2248         | 0.04%          | 0.007%        |
| 35        | 5.668       | 5.658        | 5.681      | PV       | 93             | 1156         | 0.02%          | 0.004%        |
| 36        | 5.689       | 5.681        | 5.737      | VV       | 207            | 4266         | 0.08%          | 0.013%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.760 | 5.737 | 5.785 | VV | 222    | 4002  | 0.08% | 0.012% |
| 38 | 5.824 | 5.785 | 5.861 | VV | 830    | 15321 | 0.29% | 0.047% |
| 39 | 5.876 | 5.861 | 5.888 | VV | 198    | 2939  | 0.06% | 0.009% |
| 40 | 5.897 | 5.888 | 5.924 | VV | 182    | 2770  | 0.05% | 0.009% |
| 41 | 5.935 | 5.924 | 5.951 | VV | 184    | 2406  | 0.05% | 0.007% |
| 42 | 5.958 | 5.951 | 5.980 | VV | 165    | 2086  | 0.04% | 0.006% |
| 43 | 5.988 | 5.980 | 5.995 | VV | 124    | 878   | 0.02% | 0.003% |
| 44 | 6.005 | 5.995 | 6.035 | VV | 140    | 2101  | 0.04% | 0.006% |
| 45 | 6.057 | 6.035 | 6.098 | VV | 130    | 3139  | 0.06% | 0.010% |
| 46 | 6.163 | 6.098 | 6.191 | VV | 105    | 3928  | 0.07% | 0.012% |
| 47 | 6.226 | 6.191 | 6.237 | VV | 125    | 2208  | 0.04% | 0.007% |
| 48 | 6.268 | 6.237 | 6.347 | VV | 605    | 17133 | 0.32% | 0.053% |
| 49 | 6.362 | 6.347 | 6.388 | VV | 210    | 3506  | 0.07% | 0.011% |
| 50 | 6.432 | 6.388 | 6.471 | VV | 567    | 10571 | 0.20% | 0.032% |
| 51 | 6.484 | 6.471 | 6.498 | VV | 94     | 1093  | 0.02% | 0.003% |
| 52 | 6.510 | 6.498 | 6.534 | VV | 140    | 1862  | 0.03% | 0.006% |
| 53 | 6.607 | 6.534 | 6.703 | VV | 975    | 20756 | 0.39% | 0.064% |
| 54 | 6.720 | 6.703 | 6.784 | VV | 322    | 6080  | 0.11% | 0.019% |
| 55 | 6.804 | 6.784 | 6.821 | VV | 157    | 2251  | 0.04% | 0.007% |
| 56 | 6.837 | 6.821 | 6.853 | VV | 196    | 2452  | 0.05% | 0.008% |
| 57 | 6.872 | 6.853 | 6.892 | VV | 292    | 3757  | 0.07% | 0.012% |
| 58 | 6.909 | 6.892 | 6.930 | VV | 139    | 1995  | 0.04% | 0.006% |
| 59 | 6.953 | 6.930 | 6.986 | VV | 189    | 2730  | 0.05% | 0.008% |
| 60 | 7.006 | 6.986 | 7.042 | VV | 135    | 3019  | 0.06% | 0.009% |
| 61 | 7.053 | 7.042 | 7.069 | VV | 110    | 1258  | 0.02% | 0.004% |
| 62 | 7.099 | 7.069 | 7.106 | PV | 113    | 1590  | 0.03% | 0.005% |
| 63 | 7.123 | 7.106 | 7.160 | VV | 171    | 3438  | 0.06% | 0.011% |
| 64 | 7.180 | 7.160 | 7.193 | VV | 157    | 2061  | 0.04% | 0.006% |
| 65 | 7.221 | 7.193 | 7.274 | VV | 308    | 9469  | 0.18% | 0.029% |
| 66 | 7.292 | 7.274 | 7.318 | VV | 210    | 3660  | 0.07% | 0.011% |
| 67 | 7.335 | 7.318 | 7.354 | VV | 253    | 3814  | 0.07% | 0.012% |
| 68 | 7.364 | 7.354 | 7.378 | VV | 279    | 3068  | 0.06% | 0.009% |
| 69 | 7.394 | 7.378 | 7.418 | VV | 485    | 7192  | 0.13% | 0.022% |
| 70 | 7.439 | 7.418 | 7.480 | VV | 622    | 11554 | 0.22% | 0.035% |
| 71 | 7.498 | 7.480 | 7.518 | VV | 231    | 4052  | 0.08% | 0.012% |
| 72 | 7.539 | 7.518 | 7.564 | VV | 294    | 4723  | 0.09% | 0.014% |
| 73 | 7.665 | 7.564 | 7.755 | VV | 1074   | 29852 | 0.56% | 0.092% |
| 74 | 7.765 | 7.755 | 7.778 | VV | 165    | 1458  | 0.03% | 0.004% |
| 75 | 7.791 | 7.778 | 7.814 | VV | 162    | 2545  | 0.05% | 0.008% |
| 76 | 7.840 | 7.814 | 7.871 | VV | 227    | 4027  | 0.08% | 0.012% |
| 77 | 8.189 | 8.175 | 8.218 | VV | 1082   | 24642 | 0.46% | 0.076% |
| 78 | 8.237 | 8.218 | 8.269 | VV | 1016   | 24383 | 0.46% | 0.075% |
| 79 | 8.293 | 8.269 | 8.335 | VV | 798    | 24648 | 0.46% | 0.076% |
| 80 | 8.364 | 8.335 | 8.394 | VV | 1161   | 24564 | 0.46% | 0.075% |
| 81 | 8.451 | 8.394 | 8.491 | VV | 1201   | 39723 | 0.75% | 0.122% |
| 82 | 8.506 | 8.491 | 8.513 | VV | 604    | 7557  | 0.14% | 0.023% |
| 83 | 8.545 | 8.513 | 8.579 | VV | 2698   | 45131 | 0.85% | 0.138% |
| 84 | 8.591 | 8.579 | 8.623 | VV | 501    | 10352 | 0.19% | 0.032% |
| 85 | 8.659 | 8.623 | 8.683 | VV | 541    | 14378 | 0.27% | 0.044% |
| 86 | 8.701 | 8.683 | 8.734 | VV | 491    | 10722 | 0.20% | 0.033% |
| 87 | 8.741 | 8.734 | 8.756 | VV | 298    | 3260  | 0.06% | 0.010% |
| 88 | 8.772 | 8.756 | 8.788 | VV | 304    | 5020  | 0.09% | 0.015% |
| 89 | 8.797 | 8.788 | 8.817 | VV | 343    | 4555  | 0.09% | 0.014% |

|     |        |        |        |    |        |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
|     |        |        |        |    | rteres |         |         |         |
| 90  | 9.084  | 9.059  | 9.126  | VV | 2189   | 56183   | 1.05%   | 0.172%  |
| 91  | 9.138  | 9.126  | 9.148  | VV | 971    | 11887   | 0.22%   | 0.036%  |
| 92  | 9.160  | 9.148  | 9.189  | VV | 956    | 20415   | 0.38%   | 0.063%  |
| 93  | 9.201  | 9.189  | 9.215  | VV | 696    | 10652   | 0.20%   | 0.033%  |
| 94  | 9.231  | 9.215  | 9.252  | VV | 731    | 14241   | 0.27%   | 0.044%  |
| 95  | 9.275  | 9.252  | 9.331  | VV | 1388   | 38265   | 0.72%   | 0.117%  |
| 96  | 9.372  | 9.331  | 9.484  | VV | 2142   | 64334   | 1.21%   | 0.197%  |
| 97  | 9.492  | 9.484  | 9.499  | VV | 284    | 2397    | 0.04%   | 0.007%  |
| 98  | 9.526  | 9.499  | 9.594  | VV | 348    | 15645   | 0.29%   | 0.048%  |
| 99  | 9.600  | 9.594  | 9.624  | VV | 267    | 3895    | 0.07%   | 0.012%  |
| 100 | 9.632  | 9.624  | 9.637  | VV | 202    | 1663    | 0.03%   | 0.005%  |
| 101 | 9.672  | 9.637  | 9.683  | VV | 336    | 6912    | 0.13%   | 0.021%  |
| 102 | 9.705  | 9.683  | 9.729  | VV | 853    | 16052   | 0.30%   | 0.049%  |
| 103 | 9.753  | 9.729  | 9.784  | VV | 795    | 19557   | 0.37%   | 0.060%  |
| 104 | 9.790  | 9.784  | 9.801  | VV | 406    | 3730    | 0.07%   | 0.011%  |
| 105 | 9.830  | 9.801  | 9.854  | VV | 487    | 12184   | 0.23%   | 0.037%  |
| 106 | 9.874  | 9.854  | 9.905  | VV | 400    | 8354    | 0.16%   | 0.026%  |
| 107 | 9.928  | 9.905  | 9.971  | VV | 316    | 8103    | 0.15%   | 0.025%  |
| 108 | 9.981  | 9.971  | 10.001 | VV | 201    | 2660    | 0.05%   | 0.008%  |
| 109 | 10.029 | 10.001 | 10.057 | VV | 3957   | 64974   | 1.22%   | 0.199%  |
| 110 | 10.069 | 10.057 | 10.125 | VV | 1578   | 38306   | 0.72%   | 0.118%  |
| 111 | 10.151 | 10.125 | 10.217 | VV | 1796   | 35008   | 0.66%   | 0.107%  |
| 112 | 10.253 | 10.217 | 10.314 | VV | 289    | 10617   | 0.20%   | 0.033%  |
| 113 | 10.321 | 10.314 | 10.351 | VV | 183    | 2659    | 0.05%   | 0.008%  |
| 114 | 10.359 | 10.351 | 10.397 | VV | 92     | 2085    | 0.04%   | 0.006%  |
| 115 | 10.489 | 10.397 | 10.513 | PV | 325    | 8750    | 0.16%   | 0.027%  |
| 116 | 10.540 | 10.513 | 10.562 | VV | 675    | 11291   | 0.21%   | 0.035%  |
| 117 | 10.595 | 10.562 | 10.608 | VV | 316    | 6685    | 0.13%   | 0.021%  |
| 118 | 10.624 | 10.608 | 10.661 | VV | 280    | 6668    | 0.13%   | 0.020%  |
| 119 | 10.685 | 10.661 | 10.716 | VV | 304    | 5424    | 0.10%   | 0.017%  |
| 120 | 10.739 | 10.716 | 10.764 | VV | 176    | 2813    | 0.05%   | 0.009%  |
| 121 | 10.815 | 10.764 | 10.836 | VV | 682    | 13133   | 0.25%   | 0.040%  |
| 122 | 10.852 | 10.836 | 10.866 | VV | 378    | 5560    | 0.10%   | 0.017%  |
| 123 | 10.891 | 10.866 | 10.934 | VV | 1473   | 23168   | 0.43%   | 0.071%  |
| 124 | 10.963 | 10.934 | 11.068 | VV | 746    | 18553   | 0.35%   | 0.057%  |
| 125 | 11.111 | 11.068 | 11.136 | VV | 302    | 6833    | 0.13%   | 0.021%  |
| 126 | 11.170 | 11.136 | 11.218 | VV | 1029   | 30962   | 0.58%   | 0.095%  |
| 127 | 11.225 | 11.218 | 11.251 | VV | 566    | 8189    | 0.15%   | 0.025%  |
| 128 | 11.271 | 11.251 | 11.320 | VV | 368    | 10995   | 0.21%   | 0.034%  |
| 129 | 11.339 | 11.320 | 11.384 | VV | 283    | 6188    | 0.12%   | 0.019%  |
| 130 | 11.397 | 11.384 | 11.412 | VV | 281    | 2450    | 0.05%   | 0.008%  |
| 131 | 11.438 | 11.412 | 11.474 | VV | 556    | 10364   | 0.19%   | 0.032%  |
| 132 | 11.482 | 11.474 | 11.504 | VV | 186    | 2716    | 0.05%   | 0.008%  |
| 133 | 11.525 | 11.504 | 11.552 | VV | 1268   | 17728   | 0.33%   | 0.054%  |
| 134 | 11.596 | 11.552 | 11.645 | VV | 1925   | 41864   | 0.79%   | 0.128%  |
| 135 | 11.685 | 11.645 | 11.738 | VV | 979    | 25415   | 0.48%   | 0.078%  |
| 136 | 11.751 | 11.738 | 11.769 | VV | 402    | 4284    | 0.08%   | 0.013%  |
| 137 | 11.815 | 11.769 | 11.839 | PV | 1964   | 42506   | 0.80%   | 0.130%  |
| 138 | 11.856 | 11.839 | 11.878 | VV | 787    | 13097   | 0.25%   | 0.040%  |
| 139 | 11.913 | 11.878 | 11.978 | VV | 486128 | 5330519 | 100.00% | 16.358% |
| 140 | 12.010 | 11.978 | 12.038 | VV | 1156   | 30373   | 0.57%   | 0.093%  |
| 141 | 12.078 | 12.038 | 12.161 | VV | 1302   | 40470   | 0.76%   | 0.124%  |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 12.200 | 12.161 | 12.224 | VV | 458    | 11000   | 0.21%  | 0.034%  |
| 143 | 12.269 | 12.224 | 12.301 | VV | 5793   | 79365   | 1.49%  | 0.244%  |
| 144 | 12.326 | 12.301 | 12.344 | VV | 2528   | 32536   | 0.61%  | 0.100%  |
| 145 | 12.366 | 12.344 | 12.454 | VV | 2098   | 47611   | 0.89%  | 0.146%  |
|     |        |        |        |    |        |         |        |         |
| 146 | 12.510 | 12.454 | 12.621 | VV | 45404  | 586238  | 11.00% | 1.799%  |
| 147 | 12.661 | 12.621 | 12.694 | VV | 3259   | 53346   | 1.00%  | 0.164%  |
| 148 | 12.744 | 12.694 | 12.788 | VV | 815    | 22321   | 0.42%  | 0.068%  |
| 149 | 12.845 | 12.788 | 12.876 | VV | 679    | 19088   | 0.36%  | 0.059%  |
| 150 | 12.904 | 12.876 | 12.943 | VV | 1760   | 28684   | 0.54%  | 0.088%  |
|     |        |        |        |    |        |         |        |         |
| 151 | 12.974 | 12.943 | 13.001 | VV | 3603   | 58573   | 1.10%  | 0.180%  |
| 152 | 13.019 | 13.001 | 13.039 | VV | 4534   | 55540   | 1.04%  | 0.170%  |
| 153 | 13.063 | 13.039 | 13.111 | VV | 5197   | 85553   | 1.60%  | 0.263%  |
| 154 | 13.143 | 13.111 | 13.218 | VV | 999    | 18513   | 0.35%  | 0.057%  |
| 155 | 13.244 | 13.218 | 13.288 | PV | 2431   | 54029   | 1.01%  | 0.166%  |
|     |        |        |        |    |        |         |        |         |
| 156 | 13.349 | 13.288 | 13.424 | VV | 365930 | 4354149 | 81.68% | 13.362% |
| 157 | 13.443 | 13.424 | 13.487 | VV | 2192   | 36154   | 0.68%  | 0.111%  |
| 158 | 13.527 | 13.487 | 13.561 | VV | 2680   | 60229   | 1.13%  | 0.185%  |
| 159 | 13.581 | 13.561 | 13.647 | VV | 4912   | 126619  | 2.38%  | 0.389%  |
| 160 | 13.670 | 13.647 | 13.698 | VV | 2534   | 39227   | 0.74%  | 0.120%  |
|     |        |        |        |    |        |         |        |         |
| 161 | 13.742 | 13.698 | 13.769 | VV | 9553   | 148874  | 2.79%  | 0.457%  |
| 162 | 13.790 | 13.769 | 13.843 | VV | 5219   | 78158   | 1.47%  | 0.240%  |
| 163 | 13.863 | 13.843 | 13.884 | VV | 469    | 8756    | 0.16%  | 0.027%  |
| 164 | 13.899 | 13.884 | 13.931 | VV | 823    | 10288   | 0.19%  | 0.032%  |
| 165 | 13.980 | 13.931 | 14.001 | VV | 588    | 10748   | 0.20%  | 0.033%  |
|     |        |        |        |    |        |         |        |         |
| 166 | 14.053 | 14.001 | 14.077 | VV | 1795   | 35357   | 0.66%  | 0.109%  |
| 167 | 14.115 | 14.077 | 14.196 | VV | 3599   | 95654   | 1.79%  | 0.294%  |
| 168 | 14.257 | 14.196 | 14.288 | PV | 419    | 7912    | 0.15%  | 0.024%  |
| 169 | 14.350 | 14.288 | 14.371 | VV | 426    | 9003    | 0.17%  | 0.028%  |
| 170 | 14.395 | 14.371 | 14.505 | VV | 2565   | 58865   | 1.10%  | 0.181%  |
|     |        |        |        |    |        |         |        |         |
| 171 | 14.568 | 14.505 | 14.604 | PV | 1021   | 40042   | 0.75%  | 0.123%  |
| 172 | 14.614 | 14.604 | 14.641 | VV | 778    | 12775   | 0.24%  | 0.039%  |
| 173 | 14.664 | 14.641 | 14.687 | VV | 2662   | 41031   | 0.77%  | 0.126%  |
| 174 | 14.711 | 14.687 | 14.775 | VV | 3127   | 67130   | 1.26%  | 0.206%  |
| 175 | 14.805 | 14.775 | 14.848 | VV | 802    | 16873   | 0.32%  | 0.052%  |
|     |        |        |        |    |        |         |        |         |
| 176 | 14.887 | 14.848 | 14.934 | VV | 494    | 14185   | 0.27%  | 0.044%  |
| 177 | 14.952 | 14.934 | 14.966 | VV | 289    | 4125    | 0.08%  | 0.013%  |
| 178 | 14.988 | 14.966 | 15.031 | VV | 607    | 10200   | 0.19%  | 0.031%  |
| 179 | 15.054 | 15.031 | 15.078 | VV | 186    | 4168    | 0.08%  | 0.013%  |
| 180 | 15.202 | 15.078 | 15.231 | PV | 3861   | 91989   | 1.73%  | 0.282%  |
|     |        |        |        |    |        |         |        |         |
| 181 | 15.249 | 15.231 | 15.281 | VV | 977    | 16763   | 0.31%  | 0.051%  |
| 182 | 15.303 | 15.281 | 15.328 | VV | 658    | 11126   | 0.21%  | 0.034%  |
| 183 | 15.350 | 15.328 | 15.374 | VV | 307    | 5042    | 0.09%  | 0.015%  |
| 184 | 15.406 | 15.374 | 15.427 | VV | 181    | 3852    | 0.07%  | 0.012%  |
| 185 | 15.453 | 15.427 | 15.480 | PV | 252    | 4517    | 0.08%  | 0.014%  |
|     |        |        |        |    |        |         |        |         |
| 186 | 15.534 | 15.480 | 15.581 | PV | 726    | 13377   | 0.25%  | 0.041%  |
| 187 | 15.654 | 15.581 | 15.706 | VV | 8171   | 336700  | 6.32%  | 1.033%  |
| 188 | 15.729 | 15.706 | 15.767 | VV | 5686   | 137911  | 2.59%  | 0.423%  |
| 189 | 15.796 | 15.767 | 15.881 | VV | 5398   | 96449   | 1.81%  | 0.296%  |
| 190 | 15.985 | 15.881 | 16.014 | PV | 396    | 15387   | 0.29%  | 0.047%  |
|     |        |        |        |    |        |         |        |         |
| 191 | 16.047 | 16.014 | 16.064 | VV | 500    | 9043    | 0.17%  | 0.028%  |
| 192 | 16.226 | 16.064 | 16.260 | VV | 4193   | 100354  | 1.88%  | 0.308%  |
| 193 | 16.286 | 16.260 | 16.312 | VV | 755    | 17902   | 0.34%  | 0.055%  |
| 194 | 16.426 | 16.312 | 16.453 | VV | 516    | 33279   | 0.62%  | 0.102%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 16.526 | 16.453 | 16.558 | VV | 1497   | 36498   | 0.68%  | 0.112% |
| 196 | 16.579 | 16.558 | 16.634 | VV | 599    | 12986   | 0.24%  | 0.040% |
| 197 | 16.711 | 16.634 | 16.764 | PV | 5335   | 119957  | 2.25%  | 0.368% |
| 198 | 16.790 | 16.764 | 16.818 | VV | 2488   | 35485   | 0.67%  | 0.109% |
| 199 | 16.847 | 16.818 | 16.864 | PV | 585    | 8781    | 0.16%  | 0.027% |
| 200 | 17.039 | 16.864 | 17.068 | VV | 1516   | 62076   | 1.16%  | 0.190% |
| 201 | 17.177 | 17.068 | 17.201 | VV | 5402   | 169033  | 3.17%  | 0.519% |
| 202 | 17.224 | 17.201 | 17.284 | VV | 4694   | 135163  | 2.54%  | 0.415% |
| 203 | 17.415 | 17.284 | 17.451 | VV | 2241   | 196796  | 3.69%  | 0.604% |
| 204 | 17.509 | 17.451 | 17.538 | VV | 1889   | 91445   | 1.72%  | 0.281% |
| 205 | 17.627 | 17.538 | 17.685 | VV | 5198   | 176790  | 3.32%  | 0.543% |
| 206 | 17.703 | 17.685 | 17.723 | VV | 1019   | 21642   | 0.41%  | 0.066% |
| 207 | 17.744 | 17.723 | 17.784 | VV | 1100   | 24037   | 0.45%  | 0.074% |
| 208 | 17.918 | 17.784 | 17.938 | VV | 383    | 13668   | 0.26%  | 0.042% |
| 209 | 18.065 | 17.938 | 18.091 | PV | 4269   | 92361   | 1.73%  | 0.283% |
| 210 | 18.153 | 18.091 | 18.174 | VV | 1194   | 25654   | 0.48%  | 0.079% |
| 211 | 18.214 | 18.174 | 18.254 | PV | 978    | 23849   | 0.45%  | 0.073% |
| 212 | 18.298 | 18.254 | 18.324 | VV | 514    | 12157   | 0.23%  | 0.037% |
| 213 | 18.387 | 18.324 | 18.420 | PV | 2174   | 49387   | 0.93%  | 0.152% |
| 214 | 18.491 | 18.420 | 18.564 | VV | 7578   | 294875  | 5.53%  | 0.905% |
| 215 | 18.582 | 18.564 | 18.674 | VV | 2540   | 79169   | 1.49%  | 0.243% |
| 216 | 18.726 | 18.674 | 18.747 | PV | 742    | 15153   | 0.28%  | 0.047% |
| 217 | 18.896 | 18.747 | 18.924 | PV | 5372   | 143781  | 2.70%  | 0.441% |
| 218 | 18.999 | 18.924 | 19.021 | VV | 4611   | 181659  | 3.41%  | 0.557% |
| 219 | 19.051 | 19.021 | 19.081 | VV | 4057   | 125641  | 2.36%  | 0.386% |
| 220 | 19.104 | 19.081 | 19.138 | VV | 2795   | 88311   | 1.66%  | 0.271% |
| 221 | 19.178 | 19.138 | 19.214 | VV | 2390   | 94590   | 1.77%  | 0.290% |
| 222 | 19.245 | 19.214 | 19.264 | VV | 1833   | 47226   | 0.89%  | 0.145% |
| 223 | 19.323 | 19.264 | 19.342 | VV | 5166   | 191201  | 3.59%  | 0.587% |
| 224 | 19.355 | 19.342 | 19.388 | VV | 4537   | 111594  | 2.09%  | 0.342% |
| 225 | 19.433 | 19.388 | 19.464 | VV | 4152   | 170066  | 3.19%  | 0.522% |
| 226 | 19.497 | 19.464 | 19.519 | VV | 5553   | 147822  | 2.77%  | 0.454% |
| 227 | 19.586 | 19.519 | 19.618 | VV | 5799   | 291981  | 5.48%  | 0.896% |
| 228 | 19.681 | 19.618 | 19.711 | VV | 6167   | 264313  | 4.96%  | 0.811% |
| 229 | 19.741 | 19.711 | 19.762 | VV | 5328   | 140528  | 2.64%  | 0.431% |
| 230 | 19.797 | 19.762 | 19.828 | VV | 5466   | 187323  | 3.51%  | 0.575% |
| 231 | 20.059 | 19.828 | 20.076 | VV | 10418  | 996545  | 18.70% | 3.058% |
| 232 | 20.097 | 20.076 | 20.131 | VV | 9524   | 280572  | 5.26%  | 0.861% |
| 233 | 20.149 | 20.131 | 20.184 | VV | 7261   | 217112  | 4.07%  | 0.666% |
| 234 | 20.298 | 20.184 | 20.340 | VV | 13676  | 961092  | 18.03% | 2.949% |
| 235 | 20.495 | 20.340 | 20.552 | VV | 15770  | 1820887 | 34.16% | 5.588% |
| 236 | 20.582 | 20.552 | 20.614 | VV | 17122  | 551453  | 10.35% | 1.692% |
| 237 | 20.838 | 20.614 | 20.871 | VV | 18479  | 2547363 | 47.79% | 7.817% |
| 238 | 20.893 | 20.871 | 20.937 | VV | 17652  | 677882  | 12.72% | 2.080% |
| 239 | 21.014 | 20.937 | 21.034 | VV | 17850  | 984316  | 18.47% | 3.021% |
| 240 | 21.062 | 21.034 | 21.108 | VV | 16595  | 704097  | 13.21% | 2.161% |
| 241 | 21.123 | 21.108 | 21.168 | VV | 15544  | 510998  | 9.59%  | 1.568% |
| 242 | 21.251 | 21.168 | 21.374 | VV | 17649  | 1794573 | 33.67% | 5.507% |
| 243 | 21.388 | 21.374 | 21.401 | VV | 10781  | 169425  | 3.18%  | 0.520% |
| 244 | 21.510 | 21.401 | 21.604 | VV | 12506  | 1278608 | 23.99% | 3.924% |
| 245 | 21.659 | 21.604 | 21.701 | VV | 7727   | 423029  | 7.94%  | 1.298% |
| 246 | 21.753 | 21.701 | 21.880 | VV | 8592   | 563751  | 10.58% | 1.730% |

rters  
Sum of corrected areas: 32586753

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