

rteres

Area Percent

## Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE112724AL\  
 Data File : FE051489.D  
 Signal(s) : FID1B.ch  
 Acq On : 27 Nov 2024 17:24  
 Sample : P5019-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH  
 110724.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         | 3.358       | 3.281        | 3.393      | BV       | 149            | 1833         | 0.03%          | 0.001%        |
| 2         | 3.418       | 3.393        | 3.496      | VV       | 9928           | 109992       | 1.75%          | 0.081%        |
| 3         | 3.507       | 3.496        | 3.521      | VV       | 144            | 2190         | 0.03%          | 0.002%        |
| 4         | 3.529       | 3.521        | 3.588      | VV       | 277            | 5607         | 0.09%          | 0.004%        |
| 5         | 3.612       | 3.588        | 3.620      | PV       | 198            | 2507         | 0.04%          | 0.002%        |
| 6         | 3.633       | 3.620        | 3.651      | VV       | 332            | 3810         | 0.06%          | 0.003%        |
| 7         | 3.674       | 3.651        | 3.698      | VV       | 455            | 8460         | 0.13%          | 0.006%        |
| 8         | 3.715       | 3.698        | 3.798      | VV       | 4666           | 76867        | 1.22%          | 0.056%        |
| 9         | 3.838       | 3.798        | 3.882      | VV       | 2542           | 50221        | 0.80%          | 0.037%        |
| 10        | 3.907       | 3.882        | 3.995      | VV       | 21893          | 261537       | 4.17%          | 0.192%        |
| 11        | 4.014       | 3.995        | 4.068      | VV       | 522            | 15839        | 0.25%          | 0.012%        |
| 12        | 4.084       | 4.068        | 4.098      | VV       | 271            | 3992         | 0.06%          | 0.003%        |
| 13        | 4.112       | 4.098        | 4.139      | VV       | 257            | 3740         | 0.06%          | 0.003%        |
| 14        | 4.224       | 4.139        | 4.249      | VV       | 1068           | 29114        | 0.46%          | 0.021%        |
| 15        | 4.264       | 4.249        | 4.324      | VV       | 780            | 20798        | 0.33%          | 0.015%        |
| 16        | 4.357       | 4.324        | 4.391      | VV       | 552            | 11435        | 0.18%          | 0.008%        |
| 17        | 4.411       | 4.391        | 4.450      | VV       | 567            | 12530        | 0.20%          | 0.009%        |
| 18        | 4.472       | 4.450        | 4.502      | VV       | 1028           | 15409        | 0.25%          | 0.011%        |
| 19        | 4.518       | 4.502        | 4.575      | VV       | 418            | 10783        | 0.17%          | 0.008%        |
| 20        | 4.594       | 4.575        | 4.615      | PV       | 269            | 2200         | 0.04%          | 0.002%        |
| 21        | 4.650       | 4.615        | 4.663      | PV       | 369            | 6017         | 0.10%          | 0.004%        |
| 22        | 4.675       | 4.663        | 4.709      | VV       | 385            | 7750         | 0.12%          | 0.006%        |
| 23        | 4.721       | 4.709        | 4.734      | VV       | 276            | 3500         | 0.06%          | 0.003%        |
| 24        | 4.752       | 4.734        | 4.766      | VV       | 678            | 8630         | 0.14%          | 0.006%        |
| 25        | 4.775       | 4.766        | 4.789      | VV       | 488            | 5439         | 0.09%          | 0.004%        |

|    |       |       |       | rteres |      |       |       |        |
|----|-------|-------|-------|--------|------|-------|-------|--------|
| 26 | 4.806 | 4.789 | 4.821 | VV     | 539  | 7871  | 0.13% | 0.006% |
| 27 | 4.828 | 4.821 | 4.853 | VV     | 471  | 5071  | 0.08% | 0.004% |
| 28 | 4.874 | 4.853 | 4.884 | PV     | 368  | 4143  | 0.07% | 0.003% |
| 29 | 4.905 | 4.884 | 4.925 | VV     | 607  | 9715  | 0.15% | 0.007% |
| 30 | 4.976 | 4.925 | 5.018 | VV     | 2057 | 35968 | 0.57% | 0.026% |
|    |       |       |       |        |      |       |       |        |
| 31 | 5.055 | 5.018 | 5.075 | VV     | 328  | 8224  | 0.13% | 0.006% |
| 32 | 5.081 | 5.075 | 5.105 | VV     | 313  | 3108  | 0.05% | 0.002% |
| 33 | 5.145 | 5.105 | 5.162 | VV     | 663  | 10098 | 0.16% | 0.007% |
| 34 | 5.179 | 5.162 | 5.198 | VV     | 819  | 10721 | 0.17% | 0.008% |
| 35 | 5.223 | 5.198 | 5.257 | VV     | 1000 | 23511 | 0.37% | 0.017% |
|    |       |       |       |        |      |       |       |        |
| 36 | 5.268 | 5.257 | 5.276 | VV     | 823  | 7812  | 0.12% | 0.006% |
| 37 | 5.287 | 5.276 | 5.325 | VV     | 969  | 13817 | 0.22% | 0.010% |
| 38 | 5.384 | 5.325 | 5.399 | VV     | 766  | 13073 | 0.21% | 0.010% |
| 39 | 5.409 | 5.399 | 5.427 | VV     | 686  | 8849  | 0.14% | 0.006% |
| 40 | 5.447 | 5.427 | 5.461 | VV     | 1180 | 16387 | 0.26% | 0.012% |
|    |       |       |       |        |      |       |       |        |
| 41 | 5.484 | 5.461 | 5.518 | VV     | 1296 | 31874 | 0.51% | 0.023% |
| 42 | 5.543 | 5.518 | 5.560 | VV     | 820  | 15364 | 0.24% | 0.011% |
| 43 | 5.571 | 5.560 | 5.587 | VV     | 576  | 5712  | 0.09% | 0.004% |
| 44 | 5.613 | 5.587 | 5.635 | PV     | 6975 | 88241 | 1.41% | 0.065% |
| 45 | 5.645 | 5.635 | 5.704 | VV     | 1458 | 25780 | 0.41% | 0.019% |
|    |       |       |       |        |      |       |       |        |
| 46 | 5.731 | 5.704 | 5.763 | VV     | 602  | 15451 | 0.25% | 0.011% |
| 47 | 5.783 | 5.763 | 5.802 | VV     | 3290 | 38436 | 0.61% | 0.028% |
| 48 | 5.812 | 5.802 | 5.829 | VV     | 1063 | 12512 | 0.20% | 0.009% |
| 49 | 5.841 | 5.829 | 5.852 | VV     | 624  | 6676  | 0.11% | 0.005% |
| 50 | 5.868 | 5.852 | 5.885 | VV     | 1494 | 16100 | 0.26% | 0.012% |
|    |       |       |       |        |      |       |       |        |
| 51 | 5.908 | 5.885 | 5.949 | VV     | 3130 | 64865 | 1.03% | 0.048% |
| 52 | 5.967 | 5.949 | 5.985 | VV     | 1389 | 19606 | 0.31% | 0.014% |
| 53 | 6.005 | 5.985 | 6.048 | VV     | 2147 | 46168 | 0.74% | 0.034% |
| 54 | 6.060 | 6.048 | 6.070 | VV     | 844  | 7504  | 0.12% | 0.005% |
| 55 | 6.087 | 6.070 | 6.120 | VV     | 1635 | 29656 | 0.47% | 0.022% |
|    |       |       |       |        |      |       |       |        |
| 56 | 6.136 | 6.120 | 6.155 | VV     | 1460 | 22857 | 0.36% | 0.017% |
| 57 | 6.164 | 6.155 | 6.177 | VV     | 922  | 10807 | 0.17% | 0.008% |
| 58 | 6.227 | 6.177 | 6.255 | VV     | 2695 | 69277 | 1.10% | 0.051% |
| 59 | 6.282 | 6.255 | 6.303 | VV     | 1693 | 25086 | 0.40% | 0.018% |
| 60 | 6.345 | 6.303 | 6.391 | VV     | 3216 | 99545 | 1.59% | 0.073% |
|    |       |       |       |        |      |       |       |        |
| 61 | 6.412 | 6.391 | 6.441 | VV     | 2215 | 42046 | 0.67% | 0.031% |
| 62 | 6.456 | 6.441 | 6.488 | VV     | 2496 | 40240 | 0.64% | 0.029% |
| 63 | 6.523 | 6.488 | 6.533 | VV     | 1243 | 24969 | 0.40% | 0.018% |
| 64 | 6.571 | 6.533 | 6.617 | VV     | 2376 | 78035 | 1.24% | 0.057% |
| 65 | 6.639 | 6.617 | 6.700 | VV     | 6400 | 99873 | 1.59% | 0.073% |
|    |       |       |       |        |      |       |       |        |
| 66 | 6.728 | 6.700 | 6.743 | PV     | 1206 | 16789 | 0.27% | 0.012% |
| 67 | 6.761 | 6.743 | 6.772 | VV     | 2004 | 21541 | 0.34% | 0.016% |
| 68 | 6.791 | 6.772 | 6.816 | VV     | 4564 | 66093 | 1.05% | 0.048% |
| 69 | 6.842 | 6.816 | 6.871 | VV     | 1421 | 31979 | 0.51% | 0.023% |

|     |       |       |       |        |       |        |       |        |
|-----|-------|-------|-------|--------|-------|--------|-------|--------|
|     |       |       |       | rteres |       |        |       |        |
| 70  | 6.894 | 6.871 | 6.911 | VV     | 2172  | 32724  | 0.52% | 0.024% |
| 71  | 6.927 | 6.911 | 6.947 | VV     | 2567  | 31890  | 0.51% | 0.023% |
| 72  | 6.964 | 6.947 | 6.988 | VV     | 1820  | 28319  | 0.45% | 0.021% |
| 73  | 7.000 | 6.988 | 7.013 | VV     | 1076  | 10253  | 0.16% | 0.008% |
| 74  | 7.049 | 7.013 | 7.076 | PV     | 4737  | 80879  | 1.29% | 0.059% |
| 75  | 7.088 | 7.076 | 7.115 | VV     | 1709  | 27161  | 0.43% | 0.020% |
| 76  | 7.134 | 7.115 | 7.143 | VV     | 1814  | 22540  | 0.36% | 0.017% |
| 77  | 7.168 | 7.143 | 7.190 | VV     | 3631  | 62983  | 1.00% | 0.046% |
| 78  | 7.212 | 7.190 | 7.239 | VV     | 3927  | 62439  | 0.99% | 0.046% |
| 79  | 7.261 | 7.239 | 7.270 | VV     | 2692  | 36966  | 0.59% | 0.027% |
| 80  | 7.285 | 7.270 | 7.334 | VV     | 3643  | 95930  | 1.53% | 0.070% |
| 81  | 7.358 | 7.334 | 7.407 | VV     | 6090  | 111340 | 1.77% | 0.082% |
| 82  | 7.427 | 7.407 | 7.444 | VV     | 4261  | 56723  | 0.90% | 0.042% |
| 83  | 7.454 | 7.444 | 7.472 | VV     | 2304  | 27843  | 0.44% | 0.020% |
| 84  | 7.485 | 7.472 | 7.506 | VV     | 1332  | 18337  | 0.29% | 0.013% |
| 85  | 7.525 | 7.506 | 7.548 | VV     | 1302  | 24427  | 0.39% | 0.018% |
| 86  | 7.585 | 7.548 | 7.610 | VV     | 13604 | 240152 | 3.82% | 0.176% |
| 87  | 7.626 | 7.610 | 7.654 | VV     | 2892  | 55268  | 0.88% | 0.040% |
| 88  | 7.670 | 7.654 | 7.699 | VV     | 2250  | 39080  | 0.62% | 0.029% |
| 89  | 7.710 | 7.699 | 7.725 | VV     | 657   | 7113   | 0.11% | 0.005% |
| 90  | 7.761 | 7.725 | 7.801 | VV     | 5888  | 117227 | 1.87% | 0.086% |
| 91  | 7.817 | 7.801 | 7.837 | VV     | 1884  | 24931  | 0.40% | 0.018% |
| 92  | 7.863 | 7.837 | 7.880 | VV     | 1461  | 21520  | 0.34% | 0.016% |
| 93  | 8.012 | 7.996 | 8.031 | VV     | 6924  | 129159 | 2.06% | 0.095% |
| 94  | 8.047 | 8.031 | 8.083 | VV     | 5681  | 155156 | 2.47% | 0.114% |
| 95  | 8.109 | 8.083 | 8.132 | VV     | 4626  | 103920 | 1.66% | 0.076% |
| 96  | 8.157 | 8.132 | 8.175 | VV     | 5204  | 86059  | 1.37% | 0.063% |
| 97  | 8.197 | 8.175 | 8.209 | VV     | 7156  | 96885  | 1.54% | 0.071% |
| 98  | 8.219 | 8.209 | 8.241 | VV     | 6683  | 89997  | 1.43% | 0.066% |
| 99  | 8.251 | 8.241 | 8.263 | VV     | 2375  | 27506  | 0.44% | 0.020% |
| 100 | 8.284 | 8.263 | 8.354 | VV     | 7372  | 183886 | 2.93% | 0.135% |
| 101 | 8.374 | 8.354 | 8.387 | VV     | 4312  | 56631  | 0.90% | 0.041% |
| 102 | 8.403 | 8.387 | 8.418 | VV     | 6297  | 87117  | 1.39% | 0.064% |
| 103 | 8.435 | 8.418 | 8.443 | VV     | 6384  | 85003  | 1.35% | 0.062% |
| 104 | 8.464 | 8.443 | 8.495 | VV     | 17019 | 269918 | 4.30% | 0.198% |
| 105 | 8.508 | 8.495 | 8.529 | VV     | 4467  | 72185  | 1.15% | 0.053% |
| 106 | 8.575 | 8.529 | 8.585 | VV     | 5667  | 134600 | 2.14% | 0.099% |
| 107 | 8.610 | 8.585 | 8.642 | VV     | 5610  | 168349 | 2.68% | 0.123% |
| 108 | 8.654 | 8.642 | 8.667 | VV     | 4709  | 57325  | 0.91% | 0.042% |
| 109 | 8.688 | 8.667 | 8.728 | VV     | 7260  | 141828 | 2.26% | 0.104% |
| 110 | 8.883 | 8.873 | 8.899 | VV     | 11340 | 168678 | 2.69% | 0.124% |
| 111 | 8.911 | 8.899 | 8.934 | VV     | 10415 | 179911 | 2.87% | 0.132% |
| 112 | 8.952 | 8.934 | 8.969 | VV     | 8556  | 151062 | 2.41% | 0.111% |

|     |        |        |        |        |       |        |       |        |
|-----|--------|--------|--------|--------|-------|--------|-------|--------|
|     |        |        |        | rteres |       |        |       |        |
| 113 | 9.002  | 8.969  | 9.035  | VV     | 13306 | 293379 | 4.67% | 0.215% |
| 114 | 9.054  | 9.035  | 9.068  | VV     | 5650  | 94285  | 1.50% | 0.069% |
| 115 | 9.078  | 9.068  | 9.098  | VV     | 4445  | 65065  | 1.04% | 0.048% |
| 116 | 9.126  | 9.098  | 9.174  | VV     | 5264  | 183645 | 2.92% | 0.135% |
| 117 | 9.224  | 9.174  | 9.250  | VV     | 4932  | 168257 | 2.68% | 0.123% |
| 118 | 9.262  | 9.250  | 9.267  | VV     | 3396  | 32665  | 0.52% | 0.024% |
| 119 | 9.290  | 9.267  | 9.324  | VV     | 22463 | 324838 | 5.17% | 0.238% |
| 120 | 9.339  | 9.324  | 9.358  | VV     | 5237  | 83420  | 1.33% | 0.061% |
| 121 | 9.374  | 9.358  | 9.402  | VV     | 4300  | 82990  | 1.32% | 0.061% |
| 122 | 9.425  | 9.402  | 9.435  | VV     | 3190  | 54102  | 0.86% | 0.040% |
| 123 | 9.448  | 9.435  | 9.471  | VV     | 3655  | 57005  | 0.91% | 0.042% |
| 124 | 9.492  | 9.471  | 9.506  | VV     | 4438  | 63324  | 1.01% | 0.046% |
| 125 | 9.522  | 9.506  | 9.557  | VV     | 4214  | 91606  | 1.46% | 0.067% |
| 126 | 9.583  | 9.557  | 9.612  | VV     | 4656  | 113815 | 1.81% | 0.083% |
| 127 | 9.626  | 9.612  | 9.640  | VV     | 3221  | 44916  | 0.72% | 0.033% |
| 128 | 9.665  | 9.640  | 9.722  | VV     | 7402  | 237516 | 3.78% | 0.174% |
| 129 | 9.749  | 9.722  | 9.772  | VV     | 7277  | 142211 | 2.27% | 0.104% |
| 130 | 9.795  | 9.772  | 9.813  | VV     | 5427  | 96127  | 1.53% | 0.070% |
| 131 | 9.826  | 9.813  | 9.835  | VV     | 4418  | 51804  | 0.83% | 0.038% |
| 132 | 9.850  | 9.835  | 9.869  | VV     | 5324  | 77175  | 1.23% | 0.057% |
| 133 | 9.904  | 9.869  | 9.936  | VV     | 2808  | 91952  | 1.46% | 0.067% |
| 134 | 9.966  | 9.936  | 10.004 | VV     | 17788 | 362231 | 5.77% | 0.265% |
| 135 | 10.021 | 10.004 | 10.048 | VV     | 8768  | 183115 | 2.92% | 0.134% |
| 136 | 10.069 | 10.048 | 10.126 | VV     | 29373 | 430316 | 6.85% | 0.315% |
| 137 | 10.145 | 10.126 | 10.220 | VV     | 3350  | 117065 | 1.86% | 0.086% |
| 138 | 10.248 | 10.220 | 10.290 | VV     | 2525  | 63804  | 1.02% | 0.047% |
| 139 | 10.304 | 10.290 | 10.325 | VV     | 1405  | 21458  | 0.34% | 0.016% |
| 140 | 10.344 | 10.325 | 10.361 | VV     | 1691  | 22834  | 0.36% | 0.017% |
| 141 | 10.419 | 10.361 | 10.431 | VV     | 5686  | 103550 | 1.65% | 0.076% |
| 142 | 10.456 | 10.431 | 10.485 | VV     | 15755 | 263981 | 4.20% | 0.193% |
| 143 | 10.509 | 10.485 | 10.527 | VV     | 3711  | 78121  | 1.24% | 0.057% |
| 144 | 10.547 | 10.527 | 10.577 | VV     | 6152  | 124917 | 1.99% | 0.092% |
| 145 | 10.601 | 10.577 | 10.634 | VV     | 8029  | 137088 | 2.18% | 0.100% |
| 146 | 10.645 | 10.634 | 10.652 | VV     | 1225  | 12484  | 0.20% | 0.009% |
| 147 | 10.676 | 10.652 | 10.689 | VV     | 3050  | 48049  | 0.77% | 0.035% |
| 148 | 10.708 | 10.689 | 10.717 | VV     | 2780  | 41007  | 0.65% | 0.030% |
| 149 | 10.733 | 10.717 | 10.759 | VV     | 3385  | 64035  | 1.02% | 0.047% |
| 150 | 10.808 | 10.759 | 10.848 | VV     | 31857 | 466058 | 7.42% | 0.341% |
| 151 | 10.879 | 10.848 | 10.978 | VV     | 18769 | 421993 | 6.72% | 0.309% |
| 152 | 11.028 | 10.978 | 11.045 | VV     | 1887  | 56629  | 0.90% | 0.041% |
| 153 | 11.053 | 11.045 | 11.068 | VV     | 1750  | 21627  | 0.34% | 0.016% |
| 154 | 11.089 | 11.068 | 11.163 | VV     | 18420 | 454517 | 7.24% | 0.333% |
| 155 | 11.196 | 11.163 | 11.242 | VV     | 7594  | 220257 | 3.51% | 0.161% |

|     |        |        |        | rteres |        |         |        |        |
|-----|--------|--------|--------|--------|--------|---------|--------|--------|
| 156 | 11.262 | 11.242 | 11.296 | VV     | 3909   | 67798   | 1.08%  | 0.050% |
| 157 | 11.314 | 11.296 | 11.348 | VV     | 2918   | 42667   | 0.68%  | 0.031% |
| 158 | 11.393 | 11.348 | 11.410 | VV     | 1595   | 29130   | 0.46%  | 0.021% |
| 159 | 11.446 | 11.410 | 11.459 | VV     | 2366   | 46713   | 0.74%  | 0.034% |
| 160 | 11.475 | 11.459 | 11.484 | VV     | 2676   | 35377   | 0.56%  | 0.026% |
|     |        |        |        |        |        |         |        |        |
| 161 | 11.510 | 11.484 | 11.535 | VV     | 30937  | 375143  | 5.98%  | 0.275% |
| 162 | 11.563 | 11.535 | 11.574 | VV     | 2701   | 51022   | 0.81%  | 0.037% |
| 163 | 11.601 | 11.574 | 11.648 | VV     | 15132  | 265262  | 4.22%  | 0.194% |
| 164 | 11.677 | 11.648 | 11.692 | VV     | 1829   | 28681   | 0.46%  | 0.021% |
| 165 | 11.711 | 11.692 | 11.731 | VV     | 1353   | 20953   | 0.33%  | 0.015% |
|     |        |        |        |        |        |         |        |        |
| 166 | 11.754 | 11.731 | 11.778 | VV     | 2387   | 49431   | 0.79%  | 0.036% |
| 167 | 11.834 | 11.778 | 11.869 | VV     | 437851 | 4825170 | 76.85% | 3.535% |
| 168 | 11.890 | 11.869 | 11.908 | VV     | 12500  | 208023  | 3.31%  | 0.152% |
| 169 | 11.922 | 11.908 | 11.971 | VV     | 11504  | 247824  | 3.95%  | 0.182% |
| 170 | 12.000 | 11.971 | 12.020 | VV     | 11501  | 182826  | 2.91%  | 0.134% |
|     |        |        |        |        |        |         |        |        |
| 171 | 12.035 | 12.020 | 12.051 | VV     | 9599   | 123321  | 1.96%  | 0.090% |
| 172 | 12.070 | 12.051 | 12.103 | VV     | 12119  | 207312  | 3.30%  | 0.152% |
| 173 | 12.113 | 12.103 | 12.132 | VV     | 1995   | 23704   | 0.38%  | 0.017% |
| 174 | 12.179 | 12.132 | 12.206 | VV     | 27703  | 390009  | 6.21%  | 0.286% |
| 175 | 12.237 | 12.206 | 12.271 | VV     | 38664  | 481165  | 7.66%  | 0.353% |
|     |        |        |        |        |        |         |        |        |
| 176 | 12.300 | 12.271 | 12.349 | VV     | 4438   | 117803  | 1.88%  | 0.086% |
| 177 | 12.380 | 12.349 | 12.411 | PV     | 3649   | 81448   | 1.30%  | 0.060% |
| 178 | 12.448 | 12.411 | 12.528 | VV     | 136975 | 1867353 | 29.74% | 1.368% |
| 179 | 12.559 | 12.528 | 12.575 | VV     | 4533   | 94752   | 1.51%  | 0.069% |
| 180 | 12.588 | 12.575 | 12.612 | VV     | 4269   | 64828   | 1.03%  | 0.047% |
|     |        |        |        |        |        |         |        |        |
| 181 | 12.641 | 12.612 | 12.658 | VV     | 3432   | 65748   | 1.05%  | 0.048% |
| 182 | 12.678 | 12.658 | 12.722 | VV     | 5132   | 104051  | 1.66%  | 0.076% |
| 183 | 12.745 | 12.722 | 12.757 | VV     | 2084   | 31051   | 0.49%  | 0.023% |
| 184 | 12.783 | 12.757 | 12.798 | VV     | 16092  | 224617  | 3.58%  | 0.165% |
| 185 | 12.818 | 12.798 | 12.881 | VV     | 30378  | 537060  | 8.55%  | 0.393% |
|     |        |        |        |        |        |         |        |        |
| 186 | 12.905 | 12.881 | 12.985 | VV     | 45722  | 731048  | 11.64% | 0.536% |
| 187 | 13.003 | 12.985 | 13.038 | PV     | 1481   | 27665   | 0.44%  | 0.020% |
| 188 | 13.064 | 13.038 | 13.081 | PV     | 4798   | 82593   | 1.32%  | 0.061% |
| 189 | 13.094 | 13.081 | 13.126 | VV     | 5099   | 104966  | 1.67%  | 0.077% |
| 190 | 13.135 | 13.126 | 13.164 | VV     | 2343   | 39932   | 0.64%  | 0.029% |
|     |        |        |        |        |        |         |        |        |
| 191 | 13.201 | 13.164 | 13.229 | VV     | 49753  | 687735  | 10.95% | 0.504% |
| 192 | 13.266 | 13.229 | 13.290 | VV     | 383550 | 5491929 | 87.47% | 4.024% |
| 193 | 13.310 | 13.290 | 13.335 | VV     | 120733 | 1472933 | 23.46% | 1.079% |
| 194 | 13.344 | 13.335 | 13.408 | VV     | 10949  | 210756  | 3.36%  | 0.154% |
| 195 | 13.429 | 13.408 | 13.441 | VV     | 18944  | 210913  | 3.36%  | 0.155% |
|     |        |        |        |        |        |         |        |        |
| 196 | 13.466 | 13.441 | 13.497 | VV     | 118205 | 2056305 | 32.75% | 1.507% |
| 197 | 13.522 | 13.497 | 13.635 | VV     | 239999 | 3994853 | 63.63% | 2.927% |
| 198 | 13.676 | 13.635 | 13.744 | VV     | 56843  | 1012224 | 16.12% | 0.742% |
| 199 | 13.802 | 13.744 | 13.839 | VV     | 12475  | 429349  | 6.84%  | 0.315% |

|     |        |        |        |        |       |        |        |        |
|-----|--------|--------|--------|--------|-------|--------|--------|--------|
|     |        |        |        | rteres |       |        |        |        |
| 200 | 13.855 | 13.839 | 13.877 | VV     | 4175  | 69056  | 1.10%  | 0.051% |
| 201 | 13.912 | 13.877 | 13.928 | VV     | 7073  | 128449 | 2.05%  | 0.094% |
| 202 | 13.947 | 13.928 | 13.992 | VV     | 10651 | 285455 | 4.55%  | 0.209% |
| 203 | 14.013 | 13.992 | 14.047 | VV     | 16659 | 265362 | 4.23%  | 0.194% |
| 204 | 14.071 | 14.047 | 14.096 | VV     | 11927 | 203824 | 3.25%  | 0.149% |
| 205 | 14.116 | 14.096 | 14.197 | VV     | 8163  | 208778 | 3.33%  | 0.153% |
| 206 | 14.238 | 14.197 | 14.265 | PV     | 3849  | 86261  | 1.37%  | 0.063% |
| 207 | 14.277 | 14.265 | 14.294 | VV     | 2381  | 32649  | 0.52%  | 0.024% |
| 208 | 14.312 | 14.294 | 14.321 | VV     | 2494  | 31659  | 0.50%  | 0.023% |
| 209 | 14.331 | 14.321 | 14.355 | VV     | 2247  | 27682  | 0.44%  | 0.020% |
| 210 | 14.399 | 14.355 | 14.411 | PV     | 3945  | 78617  | 1.25%  | 0.058% |
| 211 | 14.426 | 14.411 | 14.444 | VV     | 4600  | 65105  | 1.04%  | 0.048% |
| 212 | 14.459 | 14.444 | 14.473 | VV     | 3088  | 48140  | 0.77%  | 0.035% |
| 213 | 14.520 | 14.473 | 14.551 | VV     | 10096 | 263321 | 4.19%  | 0.193% |
| 214 | 14.577 | 14.551 | 14.606 | VV     | 12600 | 220061 | 3.51%  | 0.161% |
| 215 | 14.635 | 14.606 | 14.688 | VV     | 8316  | 251951 | 4.01%  | 0.185% |
| 216 | 14.731 | 14.688 | 14.750 | VV     | 5273  | 131396 | 2.09%  | 0.096% |
| 217 | 14.773 | 14.750 | 14.797 | VV     | 8183  | 162197 | 2.58%  | 0.119% |
| 218 | 14.816 | 14.797 | 14.873 | VV     | 5313  | 136607 | 2.18%  | 0.100% |
| 219 | 14.893 | 14.873 | 14.912 | VV     | 2538  | 40213  | 0.64%  | 0.029% |
| 220 | 14.933 | 14.912 | 14.958 | VV     | 2921  | 48310  | 0.77%  | 0.035% |
| 221 | 14.975 | 14.958 | 15.010 | VV     | 2395  | 41707  | 0.66%  | 0.031% |
| 222 | 15.022 | 15.010 | 15.036 | PV     | 791   | 8725   | 0.14%  | 0.006% |
| 223 | 15.095 | 15.036 | 15.110 | VV     | 16524 | 279628 | 4.45%  | 0.205% |
| 224 | 15.133 | 15.110 | 15.198 | VV     | 19584 | 476209 | 7.58%  | 0.349% |
| 225 | 15.247 | 15.198 | 15.276 | VV     | 3656  | 120300 | 1.92%  | 0.088% |
| 226 | 15.312 | 15.276 | 15.350 | VV     | 2817  | 74930  | 1.19%  | 0.055% |
| 227 | 15.360 | 15.350 | 15.374 | VV     | 989   | 8784   | 0.14%  | 0.006% |
| 228 | 15.446 | 15.374 | 15.477 | PV     | 2353  | 74000  | 1.18%  | 0.054% |
| 229 | 15.530 | 15.477 | 15.611 | VV     | 16338 | 367383 | 5.85%  | 0.269% |
| 230 | 15.661 | 15.611 | 15.692 | PV     | 53703 | 745129 | 11.87% | 0.546% |
| 231 | 15.702 | 15.692 | 15.741 | VV     | 2419  | 43825  | 0.70%  | 0.032% |
| 232 | 15.767 | 15.741 | 15.792 | PV     | 11094 | 155418 | 2.48%  | 0.114% |
| 233 | 15.811 | 15.792 | 15.839 | VV     | 4190  | 76264  | 1.21%  | 0.056% |
| 234 | 15.865 | 15.839 | 15.882 | VV     | 4451  | 75198  | 1.20%  | 0.055% |
| 235 | 15.907 | 15.882 | 15.927 | VV     | 4455  | 95525  | 1.52%  | 0.070% |
| 236 | 15.947 | 15.927 | 15.996 | VV     | 4552  | 114838 | 1.83%  | 0.084% |
| 237 | 16.012 | 15.996 | 16.027 | VV     | 1672  | 14842  | 0.24%  | 0.011% |
| 238 | 16.047 | 16.027 | 16.071 | PV     | 2200  | 31314  | 0.50%  | 0.023% |
| 239 | 16.103 | 16.071 | 16.118 | VV     | 2397  | 36975  | 0.59%  | 0.027% |
| 240 | 16.137 | 16.118 | 16.159 | VV     | 6349  | 89165  | 1.42%  | 0.065% |
| 241 | 16.207 | 16.159 | 16.241 | VV     | 1979  | 65305  | 1.04%  | 0.048% |
| 242 | 16.251 | 16.241 | 16.267 | PV     | 1084  | 8295   | 0.13%  | 0.006% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 243 | 16.367 | 16.267 | 16.390 | PV | 3063   | 115968  | 1.85%  | 0.085% |
| 244 | 16.460 | 16.390 | 16.486 | VV | 3243   | 105210  | 1.68%  | 0.077% |
| 245 | 16.499 | 16.486 | 16.504 | VV | 532    | 4887    | 0.08%  | 0.004% |
| 246 | 16.547 | 16.504 | 16.593 | VV | 5978   | 140156  | 2.23%  | 0.103% |
| 247 | 16.619 | 16.593 | 16.637 | PV | 6709   | 93022   | 1.48%  | 0.068% |
| 248 | 16.661 | 16.637 | 16.680 | VV | 19041  | 291256  | 4.64%  | 0.213% |
| 249 | 16.693 | 16.680 | 16.725 | VV | 11177  | 209341  | 3.33%  | 0.153% |
| 250 | 16.773 | 16.725 | 16.785 | VV | 4299   | 130511  | 2.08%  | 0.096% |
| 251 | 16.796 | 16.785 | 16.808 | VV | 5036   | 65149   | 1.04%  | 0.048% |
| 252 | 16.825 | 16.808 | 16.841 | VV | 4930   | 83970   | 1.34%  | 0.062% |
| 253 | 16.850 | 16.841 | 16.863 | VV | 3231   | 34966   | 0.56%  | 0.026% |
| 254 | 16.877 | 16.863 | 16.898 | VV | 2460   | 37520   | 0.60%  | 0.027% |
| 255 | 16.919 | 16.898 | 16.946 | VV | 5336   | 99639   | 1.59%  | 0.073% |
| 256 | 16.984 | 16.946 | 17.025 | VV | 13677  | 263812  | 4.20%  | 0.193% |
| 257 | 17.054 | 17.025 | 17.069 | VV | 13121  | 217087  | 3.46%  | 0.159% |
| 258 | 17.092 | 17.069 | 17.120 | VV | 12056  | 302637  | 4.82%  | 0.222% |
| 259 | 17.137 | 17.120 | 17.155 | VV | 9114   | 135431  | 2.16%  | 0.099% |
| 260 | 17.168 | 17.155 | 17.226 | VV | 5475   | 114151  | 1.82%  | 0.084% |
| 261 | 17.273 | 17.226 | 17.290 | PV | 5246   | 134122  | 2.14%  | 0.098% |
| 262 | 17.315 | 17.290 | 17.352 | VV | 7632   | 179312  | 2.86%  | 0.131% |
| 263 | 17.398 | 17.352 | 17.423 | VV | 8029   | 219531  | 3.50%  | 0.161% |
| 264 | 17.440 | 17.423 | 17.452 | VV | 6519   | 101457  | 1.62%  | 0.074% |
| 265 | 17.489 | 17.452 | 17.515 | VV | 12874  | 332438  | 5.29%  | 0.244% |
| 266 | 17.537 | 17.515 | 17.557 | VV | 16632  | 292111  | 4.65%  | 0.214% |
| 267 | 17.570 | 17.557 | 17.585 | VV | 9877   | 134908  | 2.15%  | 0.099% |
| 268 | 17.595 | 17.585 | 17.611 | VV | 7723   | 96861   | 1.54%  | 0.071% |
| 269 | 17.642 | 17.611 | 17.672 | VV | 11166  | 253689  | 4.04%  | 0.186% |
| 270 | 17.709 | 17.672 | 17.757 | VV | 10896  | 319969  | 5.10%  | 0.234% |
| 271 | 17.768 | 17.757 | 17.779 | VV | 4072   | 46795   | 0.75%  | 0.034% |
| 272 | 17.821 | 17.779 | 17.831 | VV | 5549   | 140626  | 2.24%  | 0.103% |
| 273 | 17.883 | 17.831 | 17.891 | VV | 8878   | 269616  | 4.29%  | 0.198% |
| 274 | 17.943 | 17.891 | 17.955 | VV | 14436  | 432244  | 6.88%  | 0.317% |
| 275 | 17.970 | 17.955 | 17.995 | VV | 20480  | 352813  | 5.62%  | 0.258% |
| 276 | 18.012 | 17.995 | 18.029 | VV | 10107  | 175816  | 2.80%  | 0.129% |
| 277 | 18.109 | 18.029 | 18.181 | VV | 27513  | 1197775 | 19.08% | 0.878% |
| 278 | 18.207 | 18.181 | 18.225 | VV | 10866  | 237924  | 3.79%  | 0.174% |
| 279 | 18.260 | 18.225 | 18.270 | VV | 13507  | 304268  | 4.85%  | 0.223% |
| 280 | 18.308 | 18.270 | 18.335 | VV | 16711  | 555190  | 8.84%  | 0.407% |
| 281 | 18.367 | 18.335 | 18.377 | VV | 22462  | 484723  | 7.72%  | 0.355% |
| 282 | 18.395 | 18.377 | 18.417 | VV | 25923  | 483802  | 7.71%  | 0.354% |
| 283 | 18.439 | 18.417 | 18.454 | VV | 22132  | 423346  | 6.74%  | 0.310% |
| 284 | 18.476 | 18.454 | 18.535 | VV | 32688  | 944798  | 15.05% | 0.692% |
| 285 | 18.555 | 18.535 | 18.568 | VV | 12605  | 229943  | 3.66%  | 0.168% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 286 | 18.611 | 18.568 | 18.630 | VV | 14760  | 465236  | 7.41%   | 0.341% |
| 287 | 18.691 | 18.630 | 18.737 | VV | 24487  | 1039088 | 16.55%  | 0.761% |
| 288 | 18.748 | 18.737 | 18.760 | VV | 15727  | 201942  | 3.22%   | 0.148% |
| 289 | 18.802 | 18.760 | 18.851 | VV | 25383  | 983432  | 15.66%  | 0.721% |
| 290 | 18.869 | 18.851 | 18.881 | VV | 15730  | 261228  | 4.16%   | 0.191% |
| 291 | 18.900 | 18.881 | 18.927 | VV | 29625  | 619841  | 9.87%   | 0.454% |
| 292 | 18.951 | 18.927 | 18.980 | VV | 27760  | 724115  | 11.53%  | 0.531% |
| 293 | 18.992 | 18.980 | 19.013 | VV | 20621  | 381410  | 6.07%   | 0.279% |
| 294 | 19.030 | 19.013 | 19.047 | VV | 20773  | 384785  | 6.13%   | 0.282% |
| 295 | 19.078 | 19.047 | 19.112 | VV | 25731  | 874318  | 13.93%  | 0.641% |
| 296 | 19.126 | 19.112 | 19.138 | VV | 22951  | 333185  | 5.31%   | 0.244% |
| 297 | 19.193 | 19.138 | 19.221 | VV | 37527  | 1468982 | 23.40%  | 1.076% |
| 298 | 19.228 | 19.221 | 19.255 | VV | 34273  | 584444  | 9.31%   | 0.428% |
| 299 | 19.296 | 19.255 | 19.325 | VV | 34799  | 1147667 | 18.28%  | 0.841% |
| 300 | 19.347 | 19.325 | 19.357 | VV | 27264  | 499479  | 7.96%   | 0.366% |
| 301 | 19.372 | 19.357 | 19.428 | VV | 29089  | 1115705 | 17.77%  | 0.817% |
| 302 | 19.436 | 19.428 | 19.446 | VV | 26850  | 276103  | 4.40%   | 0.202% |
| 303 | 19.478 | 19.446 | 19.491 | VV | 29222  | 752666  | 11.99%  | 0.551% |
| 304 | 19.511 | 19.491 | 19.520 | VV | 28173  | 477212  | 7.60%   | 0.350% |
| 305 | 19.529 | 19.520 | 19.541 | VV | 28373  | 344069  | 5.48%   | 0.252% |
| 306 | 19.604 | 19.541 | 19.647 | VV | 44321  | 2228651 | 35.50%  | 1.633% |
| 307 | 19.655 | 19.647 | 19.670 | VV | 33133  | 446839  | 7.12%   | 0.327% |
| 308 | 19.705 | 19.670 | 19.726 | VV | 39577  | 1129060 | 17.98%  | 0.827% |
| 309 | 19.740 | 19.726 | 19.752 | VV | 30473  | 456687  | 7.27%   | 0.335% |
| 310 | 19.815 | 19.752 | 19.825 | VV | 38096  | 1439206 | 22.92%  | 1.054% |
| 311 | 19.835 | 19.825 | 19.845 | VV | 37367  | 439833  | 7.01%   | 0.322% |
| 312 | 19.865 | 19.845 | 19.874 | VV | 43105  | 713396  | 11.36%  | 0.523% |
| 313 | 19.882 | 19.874 | 19.899 | VV | 43820  | 616851  | 9.82%   | 0.452% |
| 314 | 19.936 | 19.899 | 19.954 | VV | 50262  | 1546520 | 24.63%  | 1.133% |
| 315 | 19.963 | 19.954 | 19.971 | VV | 48306  | 476043  | 7.58%   | 0.349% |
| 316 | 19.998 | 19.971 | 20.038 | VV | 48417  | 1790974 | 28.53%  | 1.312% |
| 317 | 20.048 | 20.038 | 20.057 | VV | 41512  | 456199  | 7.27%   | 0.334% |
| 318 | 20.120 | 20.057 | 20.131 | VV | 54336  | 2107008 | 33.56%  | 1.544% |
| 319 | 20.156 | 20.131 | 20.176 | VV | 56944  | 1481898 | 23.60%  | 1.086% |
| 320 | 20.220 | 20.176 | 20.243 | VV | 57208  | 2184485 | 34.79%  | 1.600% |
| 321 | 20.255 | 20.243 | 20.274 | VV | 50205  | 900022  | 14.34%  | 0.659% |
| 322 | 20.294 | 20.274 | 20.304 | VV | 55244  | 940237  | 14.98%  | 0.689% |
| 323 | 20.355 | 20.304 | 20.368 | VV | 63535  | 2298243 | 36.61%  | 1.684% |
| 324 | 20.389 | 20.368 | 20.445 | VV | 69678  | 3049310 | 48.57%  | 2.234% |
| 325 | 20.456 | 20.445 | 20.465 | VV | 63727  | 709852  | 11.31%  | 0.520% |
| 326 | 20.615 | 20.465 | 20.625 | VV | 73950  | 6278487 | 100.00% | 4.600% |
| 327 | 20.645 | 20.625 | 20.659 | VV | 76780  | 1544297 | 24.60%  | 1.131% |
| 328 | 20.684 | 20.659 | 20.711 | VV | 79197  | 2338050 | 37.24%  | 1.713% |
| 329 | 20.722 | 20.711 | 20.757 | VV | 71248  | 1794154 | 28.58%  | 1.314% |



|                         |        |        |        |        |       |           |        |        |
|-------------------------|--------|--------|--------|--------|-------|-----------|--------|--------|
|                         |        |        |        | rteres |       |           |        |        |
| 330                     | 20.805 | 20.757 | 20.818 | VV     | 69631 | 2456987   | 39.13% | 1.800% |
| 331                     | 20.856 | 20.818 | 20.866 | VV     | 77893 | 2095300   | 33.37% | 1.535% |
| 332                     | 20.899 | 20.866 | 21.017 | VV     | 77434 | 5781273   | 92.08% | 4.236% |
| 333                     | 21.062 | 21.017 | 21.074 | VV     | 57975 | 1833960   | 29.21% | 1.344% |
| 334                     | 21.089 | 21.074 | 21.097 | VV     | 58194 | 811810    | 12.93% | 0.595% |
| 335                     | 21.129 | 21.097 | 21.151 | VV     | 63679 | 1945259   | 30.98% | 1.425% |
| 336                     | 21.160 | 21.151 | 21.183 | VV     | 55777 | 1051211   | 16.74% | 0.770% |
| 337                     | 21.196 | 21.183 | 21.224 | VV     | 55873 | 1264747   | 20.14% | 0.927% |
| 338                     | 21.239 | 21.224 | 21.339 | VV     | 51391 | 2913117   | 46.40% | 2.134% |
| 339                     | 21.409 | 21.339 | 21.421 | VV     | 46466 | 1912116   | 30.46% | 1.401% |
| 340                     | 21.451 | 21.421 | 21.542 | VV     | 48330 | 2760162   | 43.96% | 2.022% |
| 341                     | 21.566 | 21.542 | 21.594 | VV     | 30110 | 878014    | 13.98% | 0.643% |
| 342                     | 21.605 | 21.594 | 21.628 | VV     | 27207 | 519799    | 8.28%  | 0.381% |
| 343                     | 21.669 | 21.628 | 21.677 | VV     | 25754 | 698142    | 11.12% | 0.511% |
| 344                     | 21.708 | 21.677 | 21.741 | VV     | 28680 | 1031361   | 16.43% | 0.756% |
| 345                     | 21.751 | 21.741 | 21.768 | VV     | 28231 | 420121    | 6.69%  | 0.308% |
| 346                     | 21.779 | 21.768 | 21.795 | VV     | 28351 | 418626    | 6.67%  | 0.307% |
| 347                     | 21.811 | 21.795 | 21.909 | VV     | 26077 | 1045110   | 16.65% | 0.766% |
| 348                     | 21.927 | 21.909 | 21.945 | VV     | 6569  | 104138    | 1.66%  | 0.076% |
| 349                     | 21.954 | 21.945 | 21.968 | VV     | 4352  | 33806     | 0.54%  | 0.025% |
| 350                     | 21.985 | 21.968 | 22.021 | VV     | 4435  | 50166     | 0.80%  | 0.037% |
| 351                     | 22.059 | 22.021 | 22.100 | PV     | 7688  | 240084    | 3.82%  | 0.176% |
| 352                     | 22.131 | 22.100 | 22.151 | VV     | 4071  | 92722     | 1.48%  | 0.068% |
| 353                     | 22.162 | 22.151 | 22.182 | PV     | 2861  | 34109     | 0.54%  | 0.025% |
| Sum of corrected areas: |        |        |        |        |       | 136492538 |        |        |

Aliphatic EPH 110724.M Thu Nov 28 06:26:00 2024