

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081822AL\  
 Data File : FE037156.D  
 Signal(s) : FID1B.ch  
 Acq On : 18 Aug 2022 11:47  
 Sample : N4228-02DL2 25X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081222.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         | 7.888       | 7.845        | 7.981      | VV       | 23698          | 314232       | 10.81%         | 0.595%        |
| 2         | 8.006       | 7.981        | 8.092      | VV       | 1566           | 39626        | 1.36%          | 0.075%        |
| 3         | 8.162       | 8.124        | 8.198      | VV       | 1532           | 31221        | 1.07%          | 0.059%        |
| 4         | 8.377       | 8.341        | 8.393      | VV       | 5602           | 69504        | 2.39%          | 0.132%        |
| 5         | 8.405       | 8.393        | 8.431      | VV       | 3395           | 45688        | 1.57%          | 0.087%        |
| 6         | 8.456       | 8.431        | 8.506      | VV       | 1497           | 34392        | 1.18%          | 0.065%        |
| 7         | 8.548       | 8.506        | 8.631      | VV       | 2070           | 72952        | 2.51%          | 0.138%        |
| 8         | 8.653       | 8.631        | 8.685      | VV       | 1164           | 17377        | 0.60%          | 0.033%        |
| 9         | 8.765       | 8.728        | 8.831      | VV       | 12276          | 196260       | 6.75%          | 0.372%        |
| 10        | 8.857       | 8.831        | 8.893      | VV       | 28911          | 331865       | 11.42%         | 0.629%        |
| 11        | 8.909       | 8.893        | 8.961      | VV       | 1955           | 43187        | 1.49%          | 0.082%        |
| 12        | 9.101       | 9.068        | 9.116      | VV       | 2822           | 35620        | 1.23%          | 0.067%        |
| 13        | 9.137       | 9.116        | 9.218      | VV       | 11621          | 203180       | 6.99%          | 0.385%        |
| 14        | 9.566       | 9.531        | 9.591      | VV       | 1847           | 29761        | 1.02%          | 0.056%        |
| 15        | 9.648       | 9.621        | 9.706      | VV       | 32117          | 430412       | 14.81%         | 0.816%        |
| 16        | 9.800       | 9.780        | 9.840      | VV       | 5694           | 99109        | 3.41%          | 0.188%        |
| 17        | 9.860       | 9.840        | 9.901      | VV       | 3124           | 54690        | 1.88%          | 0.104%        |
| 18        | 9.916       | 9.901        | 9.945      | VV       | 534            | 10890        | 0.37%          | 0.021%        |
| 19        | 9.973       | 9.945        | 10.009     | VV       | 5751           | 82561        | 2.84%          | 0.156%        |
| 20        | 10.074      | 10.040       | 10.117     | VV       | 6999           | 129689       | 4.46%          | 0.246%        |
| 21        | 10.133      | 10.117       | 10.152     | VV       | 1563           | 24005        | 0.83%          | 0.045%        |
| 22        | 10.534      | 10.479       | 10.557     | VV       | 5349           | 91605        | 3.15%          | 0.174%        |
| 23        | 10.574      | 10.557       | 10.612     | VV       | 2835           | 42727        | 1.47%          | 0.081%        |
| 24        | 10.649      | 10.612       | 10.691     | VV       | 3724           | 68588        | 2.36%          | 0.130%        |
| 25        | 10.714      | 10.691       | 10.765     | VV       | 2580           | 55543        | 1.91%          | 0.105%        |
| 26        | 10.856      | 10.831       | 10.898     | VV       | 8318           | 152713       | 5.25%          | 0.289%        |
| 27        | 11.051      | 11.002       | 11.101     | VV       | 219777         | 2568801      | 88.37%         | 4.867%        |
| 28        | 11.127      | 11.101       | 11.288     | VV       | 59080          | 883557       | 30.39%         | 1.674%        |
| 29        | 11.316      | 11.288       | 11.335     | VV       | 858            | 16588        | 0.57%          | 0.031%        |
| 30        | 11.356      | 11.335       | 11.389     | VV       | 4481           | 72835        | 2.51%          | 0.138%        |
| 31        | 11.397      | 11.389       | 11.432     | VV       | 882            | 19717        | 0.68%          | 0.037%        |
| 32        | 11.454      | 11.432       | 11.471     | VV       | 1270           | 20322        | 0.70%          | 0.039%        |
| 33        | 11.501      | 11.471       | 11.521     | VV       | 1313           | 25781        | 0.89%          | 0.049%        |
| 34        | 11.586      | 11.521       | 11.619     | VV       | 4583           | 94571        | 3.25%          | 0.179%        |
| 35        | 11.651      | 11.619       | 11.678     | VV       | 2097           | 32738        | 1.13%          | 0.062%        |
| 36        | 11.706      | 11.678       | 11.730     | VV       | 1728           | 27596        | 0.95%          | 0.052%        |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 37     | 11.750 | 11.730 | 11.770 | VV | 697    | 10250   | 0.35%   | 0.019% |
| 38     | 11.815 | 11.770 | 11.835 | VV | 19536  | 224955  | 7.74%   | 0.426% |
| 39     | 11.855 | 11.835 | 11.870 | VV | 17433  | 204017  | 7.02%   | 0.387% |
| 40     | 11.886 | 11.870 | 11.927 | VV | 22313  | 284566  | 9.79%   | 0.539% |
| 41     | 11.967 | 11.927 | 11.989 | VV | 32968  | 481220  | 16.55%  | 0.912% |
| 42     | 12.003 | 11.989 | 12.016 | VV | 9488   | 112304  | 3.86%   | 0.213% |
| 43     | 12.033 | 12.016 | 12.077 | VV | 14021  | 198686  | 6.83%   | 0.376% |
| 44     | 12.231 | 12.205 | 12.300 | PV | 3528   | 77082   | 2.65%   | 0.146% |
| 45     | 12.326 | 12.300 | 12.375 | VV | 10554  | 154721  | 5.32%   | 0.293% |
| 46     | 12.386 | 12.375 | 12.435 | VV | 1039   | 19782   | 0.68%   | 0.037% |
| 47     | 12.472 | 12.435 | 12.498 | VV | 1391   | 18214   | 0.63%   | 0.035% |
| 48     | 12.577 | 12.544 | 12.587 | VV | 1741   | 24555   | 0.84%   | 0.047% |
| 49     | 12.598 | 12.587 | 12.623 | VV | 1870   | 23242   | 0.80%   | 0.044% |
| 50     | 12.645 | 12.623 | 12.688 | VV | 3679   | 61834   | 2.13%   | 0.117% |
| 51     | 12.717 | 12.688 | 12.734 | VV | 3845   | 55889   | 1.92%   | 0.106% |
| 52     | 12.754 | 12.734 | 12.773 | VV | 8475   | 108547  | 3.73%   | 0.206% |
| 53     | 12.789 | 12.773 | 12.800 | VV | 3665   | 48551   | 1.67%   | 0.092% |
| 54     | 12.815 | 12.800 | 12.838 | VV | 4558   | 71604   | 2.46%   | 0.136% |
| 55     | 12.870 | 12.838 | 12.923 | VV | 243644 | 2907001 | 100.00% | 5.508% |
| 56     | 12.938 | 12.923 | 12.986 | VV | 2153   | 45345   | 1.56%   | 0.086% |
| 57     | 13.055 | 12.986 | 13.074 | VV | 6666   | 145140  | 4.99%   | 0.275% |
| 58     | 13.090 | 13.074 | 13.136 | VV | 3234   | 75505   | 2.60%   | 0.143% |
| 59     | 13.167 | 13.136 | 13.201 | VV | 188491 | 2148726 | 73.92%  | 4.071% |
| 60     | 13.223 | 13.201 | 13.238 | VV | 21731  | 259931  | 8.94%   | 0.492% |
| 61     | 13.256 | 13.238 | 13.319 | VV | 35728  | 515500  | 17.73%  | 0.977% |
| 62     | 13.343 | 13.319 | 13.360 | VV | 6232   | 82363   | 2.83%   | 0.156% |
| 63     | 13.373 | 13.360 | 13.401 | VV | 3420   | 48303   | 1.66%   | 0.092% |
| 64     | 13.439 | 13.401 | 13.481 | VV | 8956   | 151646  | 5.22%   | 0.287% |
| 65     | 13.517 | 13.481 | 13.543 | VV | 2230   | 53070   | 1.83%   | 0.101% |
| 66     | 13.567 | 13.543 | 13.605 | VV | 5107   | 85549   | 2.94%   | 0.162% |
| 67     | 13.629 | 13.605 | 13.692 | VV | 10314  | 170319  | 5.86%   | 0.323% |
| 68     | 13.758 | 13.692 | 13.805 | PV | 31927  | 507069  | 17.44%  | 0.961% |
| 69     | 13.824 | 13.805 | 13.841 | VV | 2719   | 37322   | 1.28%   | 0.071% |
| 70     | 13.865 | 13.841 | 13.888 | VV | 25049  | 338006  | 11.63%  | 0.640% |
| 71     | 13.905 | 13.888 | 13.931 | VV | 11502  | 169945  | 5.85%   | 0.322% |
| 72     | 13.940 | 13.931 | 13.968 | VV | 3008   | 46727   | 1.61%   | 0.089% |
| 73     | 14.032 | 13.968 | 14.056 | VV | 9868   | 270663  | 9.31%   | 0.513% |
| 74     | 14.075 | 14.056 | 14.120 | VV | 7587   | 130470  | 4.49%   | 0.247% |
| 75     | 14.158 | 14.120 | 14.175 | VV | 2244   | 49558   | 1.70%   | 0.094% |
| 76     | 14.196 | 14.175 | 14.217 | VV | 1686   | 33452   | 1.15%   | 0.063% |
| 77     | 14.235 | 14.217 | 14.251 | VV | 1398   | 22813   | 0.78%   | 0.043% |
| 78     | 14.265 | 14.251 | 14.306 | VV | 1175   | 26881   | 0.92%   | 0.051% |
| 79     | 14.346 | 14.306 | 14.378 | VV | 939    | 19367   | 0.67%   | 0.037% |
| 80     | 14.463 | 14.378 | 14.483 | VV | 4510   | 104656  | 3.60%   | 0.198% |
| 81     | 14.502 | 14.483 | 14.529 | VV | 4420   | 75752   | 2.61%   | 0.144% |
| 82     | 14.569 | 14.529 | 14.585 | VV | 4422   | 88466   | 3.04%   | 0.168% |
| 83     | 14.595 | 14.585 | 14.645 | VV | 3466   | 65543   | 2.25%   | 0.124% |
| 84     | 14.673 | 14.645 | 14.705 | VV | 9810   | 165525  | 5.69%   | 0.314% |
| 85     | 14.733 | 14.705 | 14.761 | VV | 21112  | 329227  | 11.33%  | 0.624% |
| 86     | 14.782 | 14.761 | 14.795 | VV | 6849   | 106435  | 3.66%   | 0.202% |
| 87     | 14.805 | 14.795 | 14.838 | VV | 5748   | 95415   | 3.28%   | 0.181% |
| 88     | 14.858 | 14.838 | 14.874 | VV | 2168   | 36898   | 1.27%   | 0.070% |
| 89     | 14.922 | 14.874 | 14.978 | VV | 4313   | 136582  | 4.70%   | 0.259% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 15.004 | 14.978 | 15.016 | VV | 3605   | 49368   | 1.70%  | 0.094% |
| 91  | 15.046 | 15.016 | 15.067 | VV | 81363  | 1094358 | 37.65% | 2.074% |
| 92  | 15.087 | 15.067 | 15.161 | VV | 67838  | 1077112 | 37.05% | 2.041% |
| 93  | 15.208 | 15.161 | 15.264 | VV | 24017  | 467313  | 16.08% | 0.885% |
| 94  | 15.301 | 15.264 | 15.330 | VV | 4542   | 124915  | 4.30%  | 0.237% |
| 95  | 15.358 | 15.330 | 15.375 | VV | 6332   | 110477  | 3.80%  | 0.209% |
| 96  | 15.391 | 15.375 | 15.465 | VV | 6376   | 188626  | 6.49%  | 0.357% |
| 97  | 15.495 | 15.465 | 15.522 | VV | 3222   | 90529   | 3.11%  | 0.172% |
| 98  | 15.533 | 15.522 | 15.571 | VV | 2600   | 53908   | 1.85%  | 0.102% |
| 99  | 15.631 | 15.571 | 15.649 | VV | 3056   | 87354   | 3.00%  | 0.166% |
| 100 | 15.676 | 15.649 | 15.694 | VV | 3481   | 62651   | 2.16%  | 0.119% |
| 101 | 15.720 | 15.694 | 15.741 | VV | 14019  | 191472  | 6.59%  | 0.363% |
| 102 | 15.759 | 15.741 | 15.785 | VV | 6399   | 105162  | 3.62%  | 0.199% |
| 103 | 15.805 | 15.785 | 15.835 | VV | 5889   | 100517  | 3.46%  | 0.190% |
| 104 | 15.880 | 15.835 | 15.928 | VV | 10845  | 286839  | 9.87%  | 0.543% |
| 105 | 15.954 | 15.928 | 15.985 | VV | 5116   | 88476   | 3.04%  | 0.168% |
| 106 | 15.997 | 15.985 | 16.021 | VV | 1014   | 14944   | 0.51%  | 0.028% |
| 107 | 16.045 | 16.021 | 16.082 | VV | 2764   | 38080   | 1.31%  | 0.072% |
| 108 | 16.131 | 16.082 | 16.198 | PV | 3342   | 111815  | 3.85%  | 0.212% |
| 109 | 16.222 | 16.198 | 16.239 | VV | 1303   | 22041   | 0.76%  | 0.042% |
| 110 | 16.259 | 16.239 | 16.267 | VV | 1133   | 13949   | 0.48%  | 0.026% |
| 111 | 16.317 | 16.267 | 16.340 | VV | 2630   | 72895   | 2.51%  | 0.138% |
| 112 | 16.358 | 16.340 | 16.374 | VV | 2612   | 38644   | 1.33%  | 0.073% |
| 113 | 16.399 | 16.374 | 16.447 | VV | 4012   | 122179  | 4.20%  | 0.231% |
| 114 | 16.485 | 16.447 | 16.496 | VV | 2684   | 69485   | 2.39%  | 0.132% |
| 115 | 16.519 | 16.496 | 16.545 | VV | 5330   | 103525  | 3.56%  | 0.196% |
| 116 | 16.607 | 16.545 | 16.626 | VV | 73581  | 1145350 | 39.40% | 2.170% |
| 117 | 16.633 | 16.626 | 16.675 | VV | 34340  | 457509  | 15.74% | 0.867% |
| 118 | 16.684 | 16.675 | 16.707 | VV | 3487   | 61119   | 2.10%  | 0.116% |
| 119 | 16.737 | 16.707 | 16.761 | VV | 16548  | 273706  | 9.42%  | 0.519% |
| 120 | 16.771 | 16.761 | 16.811 | VV | 5056   | 104873  | 3.61%  | 0.199% |
| 121 | 16.859 | 16.811 | 16.871 | VV | 4309   | 111047  | 3.82%  | 0.210% |
| 122 | 16.928 | 16.871 | 16.958 | VV | 41858  | 796401  | 27.40% | 1.509% |
| 123 | 16.987 | 16.958 | 17.039 | VV | 58826  | 966709  | 33.25% | 1.832% |
| 124 | 17.047 | 17.039 | 17.057 | VV | 5415   | 56710   | 1.95%  | 0.107% |
| 125 | 17.088 | 17.057 | 17.121 | VV | 21796  | 409871  | 14.10% | 0.777% |
| 126 | 17.140 | 17.121 | 17.168 | VV | 6744   | 163418  | 5.62%  | 0.310% |
| 127 | 17.236 | 17.168 | 17.278 | VV | 7840   | 402802  | 13.86% | 0.763% |
| 128 | 17.289 | 17.278 | 17.310 | VV | 5598   | 97281   | 3.35%  | 0.184% |
| 129 | 17.351 | 17.310 | 17.428 | VV | 11774  | 564462  | 19.42% | 1.070% |
| 130 | 17.489 | 17.428 | 17.501 | VV | 8916   | 301282  | 10.36% | 0.571% |
| 131 | 17.518 | 17.501 | 17.549 | VV | 9145   | 232973  | 8.01%  | 0.441% |
| 132 | 17.576 | 17.549 | 17.594 | VV | 8419   | 201179  | 6.92%  | 0.381% |
| 133 | 17.605 | 17.594 | 17.619 | VV | 8275   | 122069  | 4.20%  | 0.231% |
| 134 | 17.646 | 17.619 | 17.675 | VV | 12102  | 310517  | 10.68% | 0.588% |
| 135 | 17.687 | 17.675 | 17.718 | VV | 8450   | 205398  | 7.07%  | 0.389% |
| 136 | 17.770 | 17.718 | 17.844 | VV | 9420   | 613927  | 21.12% | 1.163% |
| 137 | 17.866 | 17.844 | 17.885 | VV | 8300   | 194319  | 6.68%  | 0.368% |
| 138 | 17.966 | 17.885 | 18.012 | VV | 11156  | 713097  | 24.53% | 1.351% |
| 139 | 18.107 | 18.012 | 18.118 | VV | 12748  | 674273  | 23.19% | 1.278% |
| 140 | 18.135 | 18.118 | 18.148 | VV | 13392  | 236492  | 8.14%  | 0.448% |
| 141 | 18.162 | 18.148 | 18.178 | VV | 12900  | 230344  | 7.92%  | 0.436% |

| rteres                  |        |        |        |    |       |          |        |        |
|-------------------------|--------|--------|--------|----|-------|----------|--------|--------|
| 142                     | 18.272 | 18.178 | 18.326 | VV | 22262 | 1324147  | 45.55% | 2.509% |
| 143                     | 18.364 | 18.326 | 18.428 | VV | 44167 | 1526860  | 52.52% | 2.893% |
| 144                     | 18.447 | 18.428 | 18.465 | VV | 19783 | 417249   | 14.35% | 0.791% |
| 145                     | 18.496 | 18.465 | 18.514 | VV | 23962 | 615164   | 21.16% | 1.166% |
| 146                     | 18.526 | 18.514 | 18.583 | VV | 21278 | 815591   | 28.06% | 1.545% |
| 147                     | 18.615 | 18.583 | 18.651 | VV | 43814 | 1103478  | 37.96% | 2.091% |
| 148                     | 18.662 | 18.651 | 18.673 | VV | 19344 | 255224   | 8.78%  | 0.484% |
| 149                     | 18.698 | 18.673 | 18.719 | VV | 21848 | 566667   | 19.49% | 1.074% |
| 150                     | 18.752 | 18.719 | 18.780 | VV | 29638 | 891816   | 30.68% | 1.690% |
| 151                     | 18.799 | 18.780 | 18.826 | VV | 22697 | 589540   | 20.28% | 1.117% |
| 152                     | 19.060 | 18.965 | 19.080 | VV | 27762 | 1770449  | 60.90% | 3.355% |
| 153                     | 19.132 | 19.080 | 19.163 | VV | 29373 | 1359066  | 46.75% | 2.575% |
| 154                     | 19.199 | 19.163 | 19.250 | VV | 31911 | 1567602  | 53.93% | 2.970% |
| 155                     | 19.311 | 19.250 | 19.335 | VV | 32194 | 1548628  | 53.27% | 2.934% |
| 156                     | 19.385 | 19.335 | 19.395 | VV | 31857 | 1116637  | 38.41% | 2.116% |
| 157                     | 19.417 | 19.395 | 19.428 | VV | 32050 | 615224   | 21.16% | 1.166% |
| 158                     | 19.461 | 19.428 | 19.471 | VV | 35059 | 869602   | 29.91% | 1.648% |
| 159                     | 19.502 | 19.471 | 19.525 | VV | 36336 | 1129297  | 38.85% | 2.140% |
| 160                     | 19.551 | 19.525 | 19.560 | VV | 36747 | 747947   | 25.73% | 1.417% |
| 161                     | 19.606 | 19.560 | 19.619 | VV | 38518 | 1318947  | 45.37% | 2.499% |
| Sum of corrected areas: |        |        |        |    |       | 52777987 |        |        |

Aliphatic EPH 081222.M Fri Aug 19 11:44:43 2022