

rteres

Instrument :

FID\_E

ClientSampleId :

PSE-02MSD

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE03302

Data File : FE035580.D

Signal(s) : FID1B.CH

Acq On : 30 Mar 2022 19:52

Sample : N2171-02MSD

Misc :

ALS Vial : 10 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/31/2022

Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 032922.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         | 3.153       | 3.102        | 3.261      | BV       | 318802         | 2818120      | 48.90%         | 1.543%        |
| 2         | 3.267       | 3.261        | 3.321      | VV       | 892            | 22842        | 0.40%          | 0.013%        |
| 3         | 4.204       | 4.178        | 4.225      | VV       | 349541         | 3156055      | 54.76%         | 1.728%        |
| 4         | 4.241       | 4.225        | 4.299      | VV       | 388792         | 3617767      | 62.77%         | 1.980%        |
| 5         | 4.307       | 4.299        | 4.427      | VV       | 3764           | 144221       | 2.50%          | 0.079%        |
| 6         | 4.439       | 4.427        | 4.466      | VV       | 1248           | 24971        | 0.43%          | 0.014%        |
| 7         | 4.486       | 4.466        | 4.521      | VV       | 1519           | 32000        | 0.56%          | 0.018%        |
| 8         | 4.548       | 4.534        | 4.564      | VV       | 720            | 11446        | 0.20%          | 0.006%        |
| 9         | 4.580       | 4.564        | 4.616      | VV       | 1189           | 19988        | 0.35%          | 0.011%        |
| 10        | 4.662       | 4.646        | 4.707      | VV       | 451            | 11158        | 0.19%          | 0.006%        |
| 11        | 4.777       | 4.759        | 4.825      | VV       | 947            | 14850        | 0.26%          | 0.008%        |
| 12        | 5.236       | 5.203        | 5.279      | VV       | 766            | 14290        | 0.25%          | 0.008%        |
| 13        | 5.771       | 5.749        | 5.920      | VV       | 341991         | 3883150      | 67.38%         | 2.126%        |
| 14        | 5.932       | 5.920        | 6.176      | VV       | 3040           | 197606       | 3.43%          | 0.108%        |
| 15        | 6.207       | 6.176        | 6.346      | VV       | 370793         | 3768067      | 65.38%         | 2.063%        |
| 16        | 6.355       | 6.346        | 6.473      | VV       | 1044           | 46771        | 0.81%          | 0.026%        |
| 17        | 6.754       | 6.731        | 6.796      | VV       | 689            | 15282        | 0.27%          | 0.008%        |
| 18        | 6.821       | 6.796        | 7.094      | VV       | 334280         | 4099709      | 71.14%         | 2.244%        |
| 19        | 7.129       | 7.110        | 7.226      | VV       | 1659           | 60162        | 1.04%          | 0.033%        |
| 20        | 7.233       | 7.226        | 7.284      | VV       | 566            | 13693        | 0.24%          | 0.007%        |
| 21        | 7.435       | 7.408        | 7.671      | VV       | 343782         | 4019415      | 69.74%         | 2.200%        |
| 22        | 7.689       | 7.671        | 7.733      | VV       | 1380           | 38424        | 0.67%          | 0.021%        |
| 23        | 7.747       | 7.733        | 7.769      | VV       | 1033           | 16685        | 0.29%          | 0.009%        |
| 24        | 7.812       | 7.791        | 7.837      | VV       | 826            | 16977        | 0.29%          | 0.009%        |
| 25        | 7.876       | 7.837        | 7.899      | VV       | 568            | 16849        | 0.29%          | 0.009%        |
| 26        | 7.906       | 7.899        | 7.962      | VV       | 357            | 11895        | 0.21%          | 0.007%        |
| 27        | 7.994       | 7.962        | 8.065      | VV       | 391735         | 4042175      | 70.14%         | 2.213%        |
| 28        | 8.092       | 8.065        | 8.274      | VV       | 378153         | 4209220      | 73.04%         | 2.304%        |
| 29        | 8.293       | 8.274        | 8.362      | VV       | 207960         | 2529327      | 43.89%         | 1.384%        |
| 30        | 8.386       | 8.362        | 8.716      | VV       | 427872         | 4790011      | 83.11%         | 2.622%        |
| 31        | 8.725       | 8.716        | 8.789      | VV       | 717            | 23685        | 0.41%          | 0.013%        |
| 32        | 8.815       | 8.789        | 8.917      | VV       | 986            | 35306        | 0.61%          | 0.019%        |
| 33        | 9.168       | 9.144        | 9.347      | VV       | 386459         | 4519539      | 78.42%         | 2.474%        |
| 34        | 9.364       | 9.347        | 9.393      | VV       | 1810           | 40855        | 0.71%          | 0.022%        |
| 35        | 9.414       | 9.393        | 9.507      | VV       | 1471           | 66485        | 1.15%          | 0.036%        |
| 36        | 9.515       | 9.507        | 9.552      | VV       | 698            | 15508        | 0.27%          | 0.008%        |

|    |        |        |        |    | rters  |         |         |        |  |
|----|--------|--------|--------|----|--------|---------|---------|--------|--|
| 37 | 9.585  | 9.552  | 9.791  | VV | 393174 | 4374677 | 75.91%  | 2.395% |  |
| 38 | 9.837  | 9.821  | 9.881  | VV | 512    | 12445   |         |        |  |
| 39 | 9.948  | 9.944  | 10.044 | VV | 310    | 11905   |         |        |  |
| 40 | 10.192 | 10.164 | 10.231 | VV | 877    | 16411   |         |        |  |
| 41 | 10.323 | 10.289 | 10.357 | VV | 380    | 11299   |         |        |  |
| 42 | 10.380 | 10.357 | 10.427 | VV | 3118   | 81576   |         |        |  |
| 43 | 10.439 | 10.427 | 10.527 | VV | 1730   | 46463   | 0.81%   | 0.025% |  |
| 44 | 10.562 | 10.527 | 10.617 | VV | 412201 | 4718937 | 81.88%  | 2.583% |  |
| 45 | 10.637 | 10.617 | 10.866 | VV | 379585 | 4878611 | 84.65%  | 2.670% |  |
| 46 | 10.873 | 10.866 | 10.937 | VV | 1669   | 53909   | 0.94%   | 0.030% |  |
| 47 | 10.962 | 10.937 | 10.986 | VV | 1150   | 30911   | 0.54%   | 0.017% |  |
| 48 | 11.019 | 10.986 | 11.176 | VV | 410314 | 4715137 | 81.82%  | 2.581% |  |
| 49 | 11.195 | 11.176 | 11.230 | VV | 769    | 19698   | 0.34%   | 0.011% |  |
| 50 | 11.249 | 11.230 | 11.294 | VV | 616    | 15001   | 0.26%   | 0.008% |  |
| 51 | 11.327 | 11.294 | 11.466 | VV | 362956 | 4078779 | 70.77%  | 2.233% |  |
| 52 | 11.481 | 11.466 | 11.555 | VV | 812    | 32668   | 0.57%   | 0.018% |  |
| 53 | 11.688 | 11.667 | 11.773 | VV | 503    | 15534   | 0.27%   | 0.009% |  |
| 54 | 11.869 | 11.843 | 11.922 | VV | 620    | 11238   | 0.20%   | 0.006% |  |
| 55 | 11.948 | 11.922 | 12.074 | VV | 4186   | 129896  | 2.25%   | 0.071% |  |
| 56 | 12.098 | 12.074 | 12.118 | VV | 832    | 15660   | 0.27%   | 0.009% |  |
| 57 | 12.140 | 12.118 | 12.164 | VV | 686    | 13125   | 0.23%   | 0.007% |  |
| 58 | 12.186 | 12.164 | 12.283 | VV | 1030   | 37944   | 0.66%   | 0.021% |  |
| 59 | 12.322 | 12.283 | 12.349 | VV | 390464 | 4560104 | 79.13%  | 2.496% |  |
| 60 | 12.370 | 12.349 | 12.561 | VV | 391154 | 5031538 | 87.31%  | 2.754% |  |
| 61 | 12.581 | 12.561 | 12.624 | VV | 2390   | 59754   | 1.04%   | 0.033% |  |
| 62 | 12.665 | 12.624 | 12.732 | VV | 406981 | 4841895 | 84.01%  | 2.650% |  |
| 63 | 12.760 | 12.732 | 12.893 | VV | 262278 | 3381777 | 58.68%  | 1.851% |  |
| 64 | 12.930 | 12.893 | 13.151 | VV | 377464 | 4667231 | 80.98%  | 2.555% |  |
| 65 | 13.188 | 13.151 | 13.269 | VV | 907    | 45280   | 0.79%   | 0.025% |  |
| 66 | 13.276 | 13.269 | 13.329 | VV | 533    | 14166   | 0.25%   | 0.008% |  |
| 67 | 13.354 | 13.329 | 13.428 | VV | 1353   | 30206   | 0.52%   | 0.017% |  |
| 68 | 13.513 | 13.428 | 13.659 | VV | 367327 | 4607910 | 79.95%  | 2.522% |  |
| 69 | 13.866 | 13.840 | 13.889 | VV | 656    | 10746   | 0.19%   | 0.006% |  |
| 70 | 13.970 | 13.889 | 14.049 | VV | 3996   | 139344  | 2.42%   | 0.076% |  |
| 71 | 14.071 | 14.049 | 14.158 | VV | 1862   | 49120   | 0.85%   | 0.027% |  |
| 72 | 14.282 | 14.260 | 14.331 | VV | 368    | 13141   | 0.23%   | 0.007% |  |
| 73 | 14.357 | 14.331 | 14.401 | VV | 1128   | 19158   | 0.33%   | 0.010% |  |
| 74 | 14.542 | 14.512 | 14.563 | VV | 359381 | 4261985 | 73.95%  | 2.333% |  |
| 75 | 14.584 | 14.563 | 14.595 | VV | 339596 | 3934630 | 68.27%  | 2.154% |  |
| 76 | 14.609 | 14.595 | 14.920 | VV | 392270 | 5763137 | 100.00% | 3.155% |  |
| 77 | 14.938 | 14.920 | 14.953 | VV | 820    | 15106   | 0.26%   | 0.008% |  |
| 78 | 14.986 | 14.953 | 15.099 | VV | 15268  | 314260  | 5.45%   | 0.172% |  |
| 79 | 15.126 | 15.099 | 15.162 | VV | 4169   | 73937   | 1.28%   | 0.040% |  |
| 80 | 15.180 | 15.162 | 15.236 | VV | 1117   | 25782   | 0.45%   | 0.014% |  |
| 81 | 15.500 | 15.466 | 15.577 | VV | 743    | 24100   | 0.42%   | 0.013% |  |
| 82 | 15.627 | 15.577 | 15.792 | VV | 351399 | 4488510 | 77.88%  | 2.457% |  |
| 83 | 15.815 | 15.792 | 15.847 | VV | 527    | 10206   | 0.18%   | 0.006% |  |
| 84 | 16.001 | 15.962 | 16.047 | VV | 951    | 23178   | 0.40%   | 0.013% |  |
| 85 | 16.093 | 16.047 | 16.109 | VV | 308624 | 3983087 | 69.11%  | 2.180% |  |
| 86 | 16.125 | 16.109 | 16.368 | VV | 320681 | 5263265 | 91.33%  | 2.881% |  |
| 87 | 16.377 | 16.368 | 16.430 | VV | 1395   | 45131   | 0.78%   | 0.025% |  |
| 88 | 16.471 | 16.430 | 16.537 | VV | 241209 | 3722175 | 64.59%  | 2.037% |  |
| 89 | 16.569 | 16.537 | 16.602 | VV | 321482 | 4498476 | 78.06%  | 2.462% |  |

Instrument :

FID\_E

ClientSampleId :

PSE-02MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/31/2022

Supervised By :mohammad ahmed 04/01/2022

|     |        |        |        |     |        |         | Instrument :<br>FID_E                                                            |        |
|-----|--------|--------|--------|-----|--------|---------|----------------------------------------------------------------------------------|--------|
|     |        |        |        |     |        |         | ClientSampleId :<br>PSE-02MSD                                                    |        |
|     |        |        |        |     |        |         | Manual IntegrationsAPPROVED                                                      |        |
|     |        |        |        |     |        |         | Reviewed By :Yogesh Patel 03/31/2022<br>Supervised By :mohammad ahmed 04/01/2022 |        |
|     |        |        |        | rt  | Area   | Area%   | Area%                                                                            |        |
| 90  | 16.611 | 16.602 | 16.866 | VV  | 10933  | 446705  | 7.75%                                                                            | 0.245% |
| 91  | 16.892 | 16.866 | 16.919 | VV  | 911    | 25129   |                                                                                  |        |
| 92  | 16.938 | 16.919 | 16.982 | VV  | 744    | 22856   |                                                                                  |        |
| 93  | 17.017 | 16.982 | 17.086 | VV  | 3619   | 68958   |                                                                                  |        |
| 94  | 17.114 | 17.086 | 17.184 | VV  | 733    | 20443   |                                                                                  |        |
| 95  | 17.207 | 17.184 | 17.259 | VV  | 828    | 15140   |                                                                                  |        |
| 96  | 17.379 | 17.362 | 17.404 | VV  | 545    | 10125   | 0.18%                                                                            | 0.006% |
| 97  | 17.453 | 17.404 | 17.594 | VV  | 293104 | 4180814 | 72.54%                                                                           | 2.288% |
| 98  | 17.620 | 17.594 | 17.643 | VV  | 1167   | 23303   | 0.40%                                                                            | 0.013% |
| 99  | 17.663 | 17.643 | 17.694 | VV  | 708    | 15425   | 0.27%                                                                            | 0.008% |
| 100 | 17.728 | 17.694 | 17.767 | VV  | 880    | 24395   | 0.42%                                                                            | 0.013% |
| 101 | 17.805 | 17.767 | 17.816 | VV  | 5674   | 86501   | 1.50%                                                                            | 0.047% |
| 102 | 17.841 | 17.816 | 17.858 | VV  | 249642 | 3267490 | 56.70%                                                                           | 1.789% |
| 103 | 17.877 | 17.858 | 18.064 | VV  | 251886 | 5141524 | 89.21%                                                                           | 2.814% |
| 104 | 18.094 | 18.064 | 18.239 | VV  | 258396 | 4507470 | 78.21%                                                                           | 2.467% |
| 105 | 18.278 | 18.239 | 18.500 | VV  | 280049 | 4505996 | 78.19%                                                                           | 2.466% |
| 106 | 18.509 | 18.500 | 18.571 | VV  | 1777   | 67560   | 1.17%                                                                            | 0.037% |
| 107 | 18.627 | 18.571 | 18.650 | VV  | 5105   | 145442  | 2.52%                                                                            | 0.080% |
| 108 | 18.668 | 18.650 | 18.746 | VV  | 4384   | 163701  | 2.84%                                                                            | 0.090% |
| 109 | 18.782 | 18.746 | 18.819 | VV  | 3627   | 132308  | 2.30%                                                                            | 0.072% |
| 110 | 18.856 | 18.819 | 18.944 | VV  | 3899   | 204857  | 3.55%                                                                            | 0.112% |
| 111 | 18.953 | 18.944 | 18.979 | VV  | 1746   | 35017   | 0.61%                                                                            | 0.019% |
| 112 | 19.058 | 18.979 | 19.293 | VV  | 268972 | 4524636 | 78.51%                                                                           | 2.477% |
| 113 | 19.359 | 19.293 | 19.389 | VV  | 4075   | 191396  | 3.32%                                                                            | 0.105% |
| 114 | 19.427 | 19.389 | 19.482 | VV  | 4442   | 201221  | 3.49%                                                                            | 0.110% |
| 115 | 19.536 | 19.482 | 19.559 | VV  | 3601   | 155651  | 2.70%                                                                            | 0.085% |
| 116 | 19.566 | 19.559 | 19.574 | VV  | 3539   | 31601   | 0.55%                                                                            | 0.017% |
| 117 | 19.616 | 19.574 | 19.629 | VV  | 3987   | 121342  | 2.11%                                                                            | 0.066% |
| 118 | 19.665 | 19.629 | 19.696 | VV  | 4644   | 170952  | 2.97%                                                                            | 0.094% |
| 119 | 19.705 | 19.696 | 19.743 | VV  | 4400   | 119729  | 2.08%                                                                            | 0.066% |
| 120 | 19.794 | 19.743 | 19.907 | VV  | 251718 | 4495950 | 78.01%                                                                           | 2.461% |
| 121 | 19.940 | 19.907 | 19.983 | VV  | 9818   | 342838  | 5.95%                                                                            | 0.188% |
| 122 | 19.996 | 19.983 | 20.031 | VV  | 6443   | 179433  | 3.11%                                                                            | 0.098% |
| 123 | 20.089 | 20.031 | 20.112 | VV  | 6993   | 318647  | 5.53%                                                                            | 0.174% |
| 124 | 20.145 | 20.112 | 20.170 | VV  | 7705   | 252867  | 4.39%                                                                            | 0.138% |
| 125 | 20.192 | 20.170 | 20.209 | VV  | 7276   | 167929  | 2.91%                                                                            | 0.092% |
| 126 | 20.246 | 20.209 | 20.254 | VV  | 7467   | 197312  | 3.42%                                                                            | 0.108% |
| 127 | 20.313 | 20.254 | 20.362 | VV  | 9462   | 541702  | 9.40%                                                                            | 0.297% |
| 128 | 20.384 | 20.362 | 20.396 | VV  | 8045   | 159250  | 2.76%                                                                            | 0.087% |
| 129 | 20.495 | 20.396 | 20.711 | VV  | 236730 | 5592461 | 97.04%                                                                           | 3.061% |
| 130 | 20.723 | 20.711 | 20.747 | VV  | 9788   | 210807  | 3.66%                                                                            | 0.115% |
| 131 | 20.789 | 20.747 | 20.834 | VV  | 11089  | 533410  | 9.26%                                                                            | 0.292% |
| 132 | 20.863 | 20.834 | 20.971 | VV  | 10143  | 766783  | 13.30%                                                                           | 0.420% |
| 133 | 20.977 | 20.971 | 21.061 | VV  | 8781   | 467029  | 8.10%                                                                            | 0.256% |
| 134 | 21.066 | 21.061 | 21.098 | VV  | 8607   | 192386  | 3.34%                                                                            | 0.105% |
| 135 | 21.117 | 21.098 | 21.150 | VV  | 8556   | 262689  | 4.56%                                                                            | 0.144% |
| 136 | 21.176 | 21.150 | 21.201 | VV  | 8459   | 253700  | 4.40%                                                                            | 0.139% |
| 137 | 21.292 | 21.201 | 21.427 | VV  | 175864 | 5055885 | 87.73%                                                                           | 2.767% |
| 138 | 21.464 | 21.427 | 21.501 | VBA | 11386  | 467914  | 8.12%                                                                            | 0.256% |

Sum of corrected areas: 182691343