

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040821AL\  
 Data File : FC053015.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Apr 2021 19:43  
 Operator : DD\AJ  
 Sample : 10 PPM ALIPHATIC HC STD4  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 10 PPM ALIPHATIC HC STD4

Manual Integrations  
 APPROVED

Ankita  
 4/9/2021 2:38:56 PM

Integration File: autoint1.e  
 Quant Time: Apr 09 01:35:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 040821.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 09 01:34:15 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.552 | 1445032    | 10.039 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.08%       |
| 12) S 1-chlorooctadecane (S... | 12.991 | 1155139    | 10.010 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 20.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.312  | 1253157    | 10.008 ug/ml |
| 2) T n-Decane (C10)            | 4.378  | 1258469    | 10.005 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.962  | 1387546    | 9.951 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.396  | 1275614    | 9.972 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.019  | 1400655    | 9.882 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.193  | 1285960    | 10.015 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.794  | 1272218    | 9.978 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.236 | 1351987    | 10.029 ug/ml |
| 10) T n-Eicosane (C20)         | 12.546 | 1375667    | 10.041 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.158 | 1377414    | 10.037 ug/ml |
| 13) T n-Docosane (C22)         | 13.744 | 1380568    | 10.026 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.847 | 1389602    | 10.071 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.868 | 1369647    | 10.076 ug/ml |
| 16) T n-Octacosane (C28)       | 16.817 | 1337077    | 9.988 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.704 | 1289971    | 10.020 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.535 | 1197403    | 9.981 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.318 | 1102057    | 9.891 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.057 | 996165     | 9.686 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.787 | 873932     | 9.716 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.683 | 770056     | 9.701 ug/mlm |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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