

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030722AL\  
 Data File : FC058607.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Mar 2022 5:06  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/08/2022  
 Supervised By :Ankita Jodhani 03/08/2022

Integration File: autoint1.e  
 Quant Time: Mar 08 05:38:58 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 23 17:15:11 2022  
 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)    | 11.401 | 2683967    | 18.427 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.85%        |
| 12) S 1-chlorooctadecane (S... | 12.834 | 2048858    | 18.075 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.15%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.252  | 2441330    | 20.302 ug/ml  |
| 2) T n-Decane (C10)            | 4.302  | 2431757    | 20.435 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.864  | 2621065    | 20.196 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.298  | 2515163    | 20.446 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.910  | 2637406    | 20.230 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.076  | 2512354    | 20.050 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.664  | 2514778    | 19.528 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.094 | 2482949    | 18.868 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.395 | 2423819    | 18.432 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.003 | 2400875    | 18.167 ug/ml  |
| 13) T n-Docosane (C22)         | 13.585 | 2367649    | 18.161 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.681 | 2297003    | 17.788 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.697 | 2213458    | 17.894 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.641 | 2177500    | 18.293 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.524 | 2141164    | 19.022 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.353 | 2050624    | 19.070 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.134 | 1966548    | 20.297 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.870 | 1860841    | 20.626 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.575 | 1866700    | 21.451 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.405 | 1886249    | 22.477 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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