

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC090722AL\  
 Data File : FC061456.D  
 Signal(s) : FID1A.ch  
 Acq On : 08 Sep 2022 02:44  
 Operator : YP/AJ  
 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 09/08/2022  
 Supervised By :Ankita Jodhani 09/08/2022

Integration File: autoint1.e  
 Quant Time: Sep 08 04:50:00 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 082222.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 31 11:58:37 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.578 | 2980064    | 16.834 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.67%        |
| 12) S 1-chlorooctadecane (S... | 13.015 | 2351429    | 16.790 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 33.58%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.337  | 2692077    | 17.806 ug/ml  |
| 2) T n-Decane (C10)            | 4.404  | 2788626    | 18.378 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.988  | 3140639    | 18.143 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.421  | 2813748    | 18.168 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.044  | 3166523    | 17.983 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.218  | 2808555    | 17.956 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.819  | 2787291    | 17.795 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.262 | 2774731    | 17.588 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.571 | 2676071    | 17.214 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.183 | 2635969    | 16.852 ug/ml  |
| 13) T n-Docosane (C22)         | 13.769 | 2615093    | 16.852 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.871 | 2605330    | 16.841 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.891 | 2524829    | 16.776 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.840 | 2549793    | 17.263 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.727 | 2622824    | 18.990 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.559 | 2292057    | 20.882 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.343 | 1714635    | 22.214 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.082 | 1320364    | 23.387 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.816 | 1076426    | 23.203 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.728 | 964398     | 22.993 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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