

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010722AL\  
 Data File : FC057784.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Jan 2022 00:25  
 Operator : AJ\MA  
 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 01/10/2022  
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e  
 Quant Time: Jan 08 00:43:17 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 010522.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 12:13:43 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)    | 10.705 | 3703767    | 19.154 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.31%        |
| 12) S 1-chlorooctadecane (S... | 12.142 | 2806724    | 19.043 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.09%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.634  | 3143217    | 19.656 ug/ml  |
| 2) T n-Decane (C10)            | 3.624  | 3195372    | 19.880 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.161  | 3609366    | 19.877 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.596  | 3221347    | 19.974 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.201  | 3650886    | 19.965 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.377  | 3324718    | 20.138 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.968  | 3337290    | 19.979 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.402 | 3395483    | 19.731 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.704 | 3284031    | 19.183 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.313 | 3274161    | 18.934 ug/ml  |
| 13) T n-Docosane (C22)         | 12.896 | 3201181    | 18.503 ug/ml  |
| 14) T n-Tetracosane (C24)      | 13.994 | 3130896    | 18.086 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.011 | 2966586    | 17.628 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.957 | 2913348    | 17.803 ug/ml  |
| 17) T n-Tricontane (C30)       | 16.841 | 2932368    | 18.782 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.671 | 2811707    | 20.166 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.451 | 2592275    | 20.857 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.190 | 2355358    | 21.185 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.896 | 2332975    | 22.365 ug/mlm |
| 22) T n-Tetracontane (C40)     | 20.719 | 2329855    | 24.332 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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