

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF082123AL\  
 Data File : FF013252.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Aug 2023 21:39  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 08/22/2023  
 Supervised By :Ankita Jodhani 08/22/2023

Integration File: autoint1.e  
 Quant Time: Aug 22 01:35:32 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 081023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 10 16:05:52 2023  
 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)    | 11.892 | 2544914    | 18.523 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.05%        |
| 12) S 1-chlorooctadecane (S... | 13.330 | 1944874    | 18.559 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 37.12%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.284  | 1980619    | 18.536 ug/ml  |
| 2) T n-Decane (C10)            | 4.538  | 1991683    | 18.585 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.237  | 2210242    | 18.669 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.702  | 2020336    | 18.671 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.331  | 2214763    | 18.685 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.527  | 2016096    | 18.677 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.134 | 2029248    | 18.720 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.577 | 2044040    | 18.667 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.886 | 2038718    | 18.579 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.498 | 2031004    | 18.486 ug/ml  |
| 13) T n-Docosane (C22)         | 14.083 | 2027789    | 18.470 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.185 | 2018490    | 18.372 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.206 | 1972882    | 18.052 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.155 | 1929568    | 17.871 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.042 | 1918298    | 17.541 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.873 | 1902862    | 16.846 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.656 | 1794944    | 16.898 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 20.395 | 1815516    | 17.225 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.123 | 1776630    | 17.590 ug/mlm |
| 22) T n-Tetracontane (C40)     | 22.021 | 1899461    | 19.111 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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