

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD102022AL\  
 Data File : FD044180.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 Oct 2022 09:22  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

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

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022  
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: sample.E  
 Quant Time: Oct 20 14:37:39 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 100522.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 06 01:41:44 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)    | 11.299 | 3387190    | 21.519 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 43.04%        |
| 12) S 1-chlorooctadecane (S... | 12.716 | 2659173    | 21.144 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 42.29%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.134  | 2908545    | 21.541 ug/ml  |
| 2) T n-Decane (C10)            | 4.183  | 2949348    | 21.952 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.755  | 3006995    | 22.505 ug/mlm |
| 4) T n-Dodecane (C12)          | 6.180  | 3031885    | 21.819 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.801  | 3005109    | 23.111 ug/mlm |
| 6) T n-Tetradecane (C14)       | 7.960  | 3072978    | 22.073 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.547  | 3132115    | 22.205 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.977 | 3187292    | 21.920 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.275 | 3188103    | 21.500 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.882 | 3189128    | 21.257 ug/ml  |
| 13) T n-Docosane (C22)         | 13.463 | 3204509    | 21.314 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.555 | 3137408    | 20.787 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.566 | 3026759    | 19.990 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.505 | 2872452    | 19.066 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.383 | 2766403    | 18.049 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.207 | 2665216    | 17.379 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.981 | 2516701    | 17.095 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.712 | 2523871    | 17.214 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.403 | 2496072    | 17.892 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.164 | 2423011    | 18.630 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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