

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC061322AL\  
 Data File : FC060223.D  
 Signal(s) : FID1A.CH  
 Acq On : 13 Jun 2022 18:02  
 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 06/14/2022  
 Supervised By :Ankita Jodhani 06/14/2022

Integration File: autoint1.e  
 Quant Time: Jun 14 01:50:44 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 052722.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 28 08:22:04 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)    | 10.647 | 2533838    | 16.282 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.56%        |
| 12) S 1-chlorooctadecane (S... | 12.016 | 2035211    | 16.414 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 32.83%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.626  | 2021112    | 15.792 ug/ml  |
| 2) T n-Decane (C10)            | 3.624  | 2115812    | 16.539 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.163  | 2377326    | 16.448 ug/ml  |
| 4) T n-Dodecane (C12)          | 5.577  | 2226640    | 16.703 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.188  | 2430506    | 16.560 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.328  | 2305380    | 16.887 ug/ml  |
| 7) T n-Hexadecane (C16)        | 8.892  | 2376308    | 16.936 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.301 | 2413970    | 16.868 ug/ml  |
| 10) T n-Eicosane (C20)         | 11.580 | 2388471    | 16.741 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.179 | 2371448    | 16.544 ug/ml  |
| 13) T n-Docosane (C22)         | 12.750 | 2426520    | 17.028 ug/mlm |
| 14) T n-Tetracosane (C24)      | 13.829 | 2406535    | 17.149 ug/ml  |
| 15) T n-Hexacosane (C26)       | 14.827 | 2326444    | 17.180 ug/ml  |
| 16) T n-Octacosane (C28)       | 15.755 | 2347279    | 18.023 ug/mlm |
| 17) T n-Tricontane (C30)       | 16.623 | 2421509    | 19.779 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 17.436 | 2309328    | 20.712 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.201 | 2036641    | 19.968 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 18.923 | 1817116    | 19.188 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 19.607 | 1700929    | 18.436 ug/ml  |
| 22) T n-Tetracontane (C40)     | 20.254 | 1699608    | 18.064 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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