

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040622AL\  
 Data File : FC059104.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Apr 2022 6:01  
 Operator : UA/NP  
 Sample : N2272-03MSD  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

## Instrument :

FID\_C

ClientSampleId :

TP-1MSD

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/07/2022

Supervised By :mohammad ahmed 04/07/2022

Integration File: sample.E

Quant Time: Apr 07 06:57:36 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.M

Quant Title : GC Extractables

QLast Update : Fri Mar 25 23:18:46 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)    | 11.104 | 4628450    | 32.124 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 64.25%        |
| 12) S 1-chlorooctadecane (S... | 12.551 | 3743357    | 33.395 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 66.79%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 2.966  | 4184298    | 34.145 ug/ml  |
| 2) T n-Decane (C10)            | 4.007  | 4609160    | 37.612 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 5.552  | 5511407    | 43.897 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.004  | 5345701    | 41.852 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 6.601  | 5596977    | 43.659 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.788  | 5793463    | 44.558 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.379  | 6316795    | 47.569 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.814 | 6724808    | 50.579 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.118 | 6917295    | 52.794 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.724 | 6450071    | 49.434 ug/ml  |
| 13) T n-Docosane (C22)         | 13.308 | 6359528    | 49.091 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.405 | 6799821    | 53.828 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.425 | 6002904    | 49.696 ug/mlm |
| 16) T n-Octacosane (C28)       | 16.368 | 6038463    | 50.995 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.254 | 5714283    | 50.092 ug/mlm |
| 18) T n-Dotriacontane (C32)    | 18.082 | 5722542    | 53.417 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.862 | 5614124    | 55.565 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.601 | 5599685    | 58.606 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.297 | 5541683    | 60.223 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.042 | 5572793    | 59.962 ug/ml  |
| -----                          |        |            |               |

(f)=RT Delta &gt; 1/2 Window

(m)=manual int.

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