

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\F121024AL\  
 Data File : FC067978.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Dec 2024 17:14  
 Operator : YP/AJ  
 Sample : P5216-09MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

**Instrument :**

FID\_C

**ClientSampleId :**

MH-744MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 12/11/2024

Supervised By :Ankita Jodhani 12/11/2024

Integration File: autoint1.e

Quant Time: Dec 11 00:22:37 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 07:59:10 2024

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)    | 11.471 | 4847639    | 28.035 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 56.07%         |
| 12) S 1-chlorooctadecane (S... | 12.910 | 3802135    | 29.799 ug/mlm  |
| Spiked Amount 50.000           |        | Recovery = | 59.60%         |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.256  | 5013516    | 32.269 ug/ml   |
| 2) T n-Decane (C10)            | 4.317  | 5766731    | 36.377 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 5.890  | 6857305    | 39.279 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.330  | 6486271    | 40.284 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 6.946  | 6689292    | 39.924 ug/mlm  |
| 6) T n-Tetradecane (C14)       | 8.125  | 7270375    | 45.726 ug/ml   |
| 7) T n-Hexadecane (C16)        | 9.723  | 7748644    | 47.963 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.163 | 7881194    | 49.091 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.471 | 7869622    | 52.315 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.082 | 7465327    | 51.092 ug/ml   |
| 13) T n-Docosane (C22)         | 13.666 | 7327022    | 51.186 ug/ml   |
| 14) T n-Tetracosane (C24)      | 14.738 | 14369366   | 103.415 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.789 | 6839273    | 51.142 ug/ml   |
| 16) T n-Octacosane (C28)       | 16.736 | 6604425    | 50.916 ug/mlm  |
| 17) T n-Tricontane (C30)       | 17.625 | 6528833    | 50.399 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.453 | 6454549    | 52.101 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.235 | 6414593    | 58.770 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 19.973 | 6243906    | 65.997 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 20.694 | 6260547    | 69.206 ug/ml   |
| 22) T n-Tetracontane (C40)     | 21.574 | 6276383    | 71.210 ug/ml   |
| -----                          |        |            |                |

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

(m)=manual int.

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