

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE080322AL\  
 Data File : FE036851.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Aug 2022 20:29  
 Operator : YP\AJ  
 Sample : N4016-07MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

MH-EDMS

## Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2022

Supervised By :Ankita Jodhani 08/04/2022

Integration File: autoint1.e

Quant Time: Aug 03 21:19:18 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071722.M

Quant Title : GC Extractables

QLast Update : Mon Jul 18 02:35:21 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)    | 11.836 | 5378887    | 28.880 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 57.76%         |
| 12) S 1-chlorooctadecane (S... | 13.275 | 4220899    | 27.743 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 55.49%         |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.229  | 4174444    | 27.079 ug/ml   |
| 2) T n-Decane (C10)            | 4.483  | 4785374    | 31.044 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 6.182  | 5768962    | 33.759 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.649  | 5367796    | 34.177 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.278  | 5858799    | 34.089 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.477  | 5850659    | 35.837 ug/ml   |
| 7) T n-Hexadecane (C16)        | 10.082 | 6270530    | 38.043 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.524 | 6553468    | 38.561 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.833 | 6348100    | 37.319 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.444 | 6256756    | 36.557 ug/ml   |
| 13) T n-Docosane (C22)         | 14.031 | 6164384    | 36.105 ug/ml   |
| 14) T n-Tetracosane (C24)      | 15.133 | 5547567    | 32.544 ug/ml   |
| 15) T n-Hexacosane (C26)       | 16.155 | 5826666    | 34.851 ug/ml   |
| 16) T n-Octacosane (C28)       | 17.105 | 5711816    | 34.972 ug/ml   |
| 17) T n-Tricontane (C30)       | 17.996 | 5509696    | 36.258 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.827 | 5390895    | 44.823 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.609 | 5330338    | 64.008 ug/mlm  |
| 20) T n-Hexatriacontane (C36)  | 20.350 | 5179348    | 88.209 ug/mlm  |
| 21) T n-Octatriacontane (C38)  | 21.074 | 5176261    | 103.241 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.959 | 5364281    | 103.874 ug/mlm |
| -----                          |        |            |                |

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

(m)=manual int.

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