

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012224AL\  
 Data File : FE046336.D  
 Signal(s) : FID1B.ch  
 Acq On : 22 Jan 2024 14:01  
 Operator : YP\AJ  
 Sample : PB158547BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

## Instrument :

FID\_E

ClientSampleId :

PB158547BS

## Manual Integrations

APPROVED

Reviewed By :Ankita Jodhani 01/23/2024

Supervised By :Sohil Jodhani 01/23/2024

Integration File: autoint1.e

Quant Time: Jan 23 00:33:15 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 122923.M

Quant Title : GC Extractables

QLast Update : Fri Dec 29 03:49:54 2023

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)    | 11.830 | 7943810    | 43.713 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 87.43%        |
| 12) S 1-chlorooctadecane (S... | 13.271 | 6424362    | 48.083 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 96.17%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.230  | 6711173    | 43.851 ug/ml  |
| 2) T n-Decane (C10)            | 4.473  | 7082053    | 45.633 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.170  | 8323634    | 50.050 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.634  | 7559471    | 48.416 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.265  | 8084761    | 50.780 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.460  | 7687526    | 49.351 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.068 | 7751868    | 48.952 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.514 | 7874698    | 50.032 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.826 | 7866748    | 52.002 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.438 | 7528732    | 51.198 ug/ml  |
| 13) T n-Docosane (C22)         | 14.026 | 7419918    | 50.762 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.129 | 16770083   | 115.629 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.154 | 6941484    | 48.417 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.107 | 9260796    | 64.572 ug/mlm |
| 17) T n-Tricontane (C30)       | 17.998 | 6731834    | 45.290 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.833 | 7620070    | 50.949 ug/mlm |
| 19) T n-Tetratriacontane (C34) | 19.619 | 6676742    | 46.607 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.360 | 6486934    | 44.492 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.093 | 6682700    | 45.319 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.986 | 6931655    | 44.284 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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