

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111924AL\  
 Data File : FG014874.D  
 Signal(s) : FID1A.ch  
 Acq On : 19 Nov 2024 16:09  
 Operator : YP\AJ  
 Sample : PB165088BSD  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

**Instrument :**

FID\_G

**ClientSampleId :**

PB165088BSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/20/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File: autoint1.e

Quant Time: Nov 20 00:37:08 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 16:33:02 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)    | 11.948 | 6535084    | 44.288 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 88.58%         |
| 12) S 1-chlorooctadecane (S... | 13.387 | 5017608    | 45.151 ug/ml   |
| Spiked Amount 50.000           |        | Recovery = | 90.30%         |
| Target Compounds               |        |            |                |
| 1) T n-Nonane (C9)             | 3.334  | 6599464    | 48.607 ug/ml   |
| 2) T n-Decane (C10)            | 4.578  | 7007422    | 50.532 ug/ml   |
| 3) T A~Naphthalene (C11.7)     | 6.276  | 7818417    | 52.699 ug/ml   |
| 4) T n-Dodecane (C12)          | 6.741  | 7492924    | 53.460 ug/ml   |
| 5) T A~2-methylnaphthalene...  | 7.373  | 7406758    | 51.888 ug/ml   |
| 6) T n-Tetradecane (C14)       | 8.575  | 7949297    | 57.338 ug/ml   |
| 7) T n-Hexadecane (C16)        | 10.184 | 8207515    | 57.925 ug/ml   |
| 8) T n-Octadecane (C18)        | 11.632 | 8338668    | 59.243 ug/ml   |
| 10) T n-Eicosane (C20)         | 12.944 | 8396839    | 63.285 ug/ml   |
| 11) T n-Heneicosane (C21)      | 13.557 | 8050753    | 62.015 ug/ml   |
| 13) T n-Docosane (C22)         | 14.143 | 7942898    | 62.296 ug/ml   |
| 14) T n-Tetracosane (C24)      | 15.229 | 14880517   | 119.070 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.272 | 7387793    | 60.722 ug/ml   |
| 16) T n-Octacosane (C28)       | 17.221 | 7216014    | 60.146 ug/ml   |
| 17) T n-Tricontane (C30)       | 18.111 | 6997480    | 55.804 ug/ml   |
| 18) T n-Dotriacontane (C32)    | 18.942 | 6813356    | 54.703 ug/ml   |
| 19) T n-Tetratriacontane (C34) | 19.726 | 6888364    | 63.769 ug/ml   |
| 20) T n-Hexatriacontane (C36)  | 20.467 | 6809261    | 73.553 ug/ml   |
| 21) T n-Octatriacontane (C38)  | 21.215 | 7121259    | 81.284 ug/ml   |
| 22) T n-Tetracontane (C40)     | 22.151 | 7422549    | 88.371 ug/ml   |
| -----                          |        |            |                |

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

(m)=manual int.

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