

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE110823AL\  
 Data File : FE045230.D  
 Signal(s) : FID1B.ch  
 Acq On : 08 Nov 2023 15:51  
 Operator : YP\AJ  
 Sample : PB156993BSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

**Instrument :**

FID\_E

**ClientSampleId :**

PB156993BSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/09/2023

Supervised By :Ankita Jodhani 11/09/2023

Integration File: autoint1.e

Quant Time: Nov 08 23:10:00 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 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)    | 11.887 | 5992283    | 31.385 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 62.77%        |
| 12) S 1-chlorooctadecane (S... | 13.329 | 4529326    | 32.883 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 65.77%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.281  | 5855923    | 35.448 ug/ml  |
| 2) T n-Decane (C10)            | 4.528  | 6426121    | 38.324 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.224  | 6978694    | 39.096 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.690  | 6789991    | 40.205 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.319  | 6770162    | 39.426 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.517  | 6769040    | 40.614 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.127 | 6703368    | 39.853 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.573 | 6653124    | 39.751 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.885 | 6552598    | 41.365 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.498 | 6226335    | 40.495 ug/ml  |
| 13) T n-Docosane (C22)         | 14.086 | 6162906    | 40.675 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.172 | 12508368   | 84.453 ug/mlm |
| 15) T n-Hexacosane (C26)       | 16.216 | 6011831    | 41.246 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.166 | 6258100    | 42.826 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.057 | 6243975    | 41.106 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.892 | 6396228    | 40.943 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.677 | 6399423    | 40.986 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.419 | 6312403    | 38.889 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.155 | 6373072    | 38.359 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.071 | 6305698    | 36.917 ug/ml  |
| -----                          |        |            |               |

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

(m)=manual int.

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