

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101624AL\
 Data File : FE050694.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2024 14:16
 Operator : YP\AJ
 Sample : PB164175BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB164175BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/17/2024

Supervised By :Ankita Jodhani 10/17/2024

Integration File: autoint1.e

Quant Time: Oct 17 02:57:09 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.860	6643147	42.137 ug/ml
Spiked Amount 50.000		Recovery =	84.27%
12) S 1-chlorooctadecane (S...	13.293	5540962	46.841 ug/ml
Spiked Amount 50.000		Recovery =	93.68%
Target Compounds			
1) T n-Nonane (C9)	3.258	5730861	40.561 ug/ml
2) T n-Decane (C10)	4.504	6075927	42.348 ug/ml
3) T A~Naphthalene (C11.7)	6.209	6747179	47.186 ug/ml
4) T n-Dodecane (C12)	6.667	6430088	44.674 ug/ml
5) T A~2-methylnaphthalene...	7.305	6388410	48.222 ug/ml
6) T n-Tetradecane (C14)	8.494	6711023	46.908 ug/ml
7) T n-Hexadecane (C16)	10.099	6710524	45.597 ug/ml
8) T n-Octadecane (C18)	11.540	6767641	45.308 ug/ml
10) T n-Eicosane (C20)	12.848	6739736	46.999 ug/ml
11) T n-Heneicosane (C21)	13.458	6521590	46.439 ug/ml
13) T n-Docosane (C22)	14.043	6413265	45.713 ug/ml
14) T n-Tetracosane (C24)	15.144	12508099	88.536 ug/mlm
15) T n-Hexacosane (C26)	16.165	6281220	44.637 ug/ml
16) T n-Octacosane (C28)	17.113	7418921	50.700 ug/ml
17) T n-Tricontane (C30)	18.000	6514282	40.970 ug/ml
18) T n-Dotriacontane (C32)	18.832	6484548	40.000 ug/ml
19) T n-Tetratriacontane (C34)	19.615	6609092	44.993 ug/ml
20) T n-Hexatriacontane (C36)	20.354	6196652	48.864 ug/ml
21) T n-Octatriacontane (C38)	21.078	5917843	47.861 ug/ml
22) T n-Tetracontane (C40)	21.961	5509015	49.475 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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