

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054781.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 15:51
 Operator : YP\AJ
 Sample : PB168786BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168786BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/14/2025

Integration File: sample.E

Quant Time: Jul 11 05:15:24 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M

Quant Title : GC Extractables

QLast Update : Tue Jul 08 07:45:12 2025

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)	12.080	4773301	29.393 ug/ml
Spiked Amount 50.000		Recovery =	58.79%
12) S 1-chlorooctadecane (S...	13.515	3784010	29.962 ug/ml
Spiked Amount 50.000		Recovery =	59.92%
Target Compounds			
1) T n-Nonane (C9)	3.426	2990063	22.229 ug/ml
2) T n-Decane (C10)	4.680	3309331	24.253 ug/ml
3) T A~Naphthalene (C11.7)	6.395	4552588	30.067 ug/ml
4) T n-Dodecane (C12)	6.853	3908315	28.485 ug/ml
5) T A~2-methylnaphthalene...	7.496	4775028	32.482 ug/ml
6) T n-Tetradecane (C14)	8.691	4868025	35.116 ug/ml
7) T n-Hexadecane (C16)	10.305	5258299	36.898 ug/ml
8) T n-Octadecane (C18)	11.754	5218990	35.611 ug/ml
10) T n-Eicosane (C20)	13.069	5270148	36.651 ug/ml
11) T n-Heneicosane (C21)	13.682	5022962	35.167 ug/ml
13) T n-Docosane (C22)	14.270	4946850	34.645 ug/ml
14) T n-Tetracosane (C24)	15.374	10413306	71.636 ug/ml
15) T n-Hexacosane (C26)	16.401	4779086	33.024 ug/ml
16) T n-Octacosane (C28)	17.352	4724097	32.415 ug/ml
17) T n-Tricontane (C30)	18.242	4846486	30.755 ug/ml
18) T n-Dotriacontane (C32)	19.075	4917394	30.394 ug/ml
19) T n-Tetratriacontane (C34)	19.861	5317786	34.896 ug/ml
20) T n-Hexatriacontane (C36)	20.602	5325146	39.605 ug/mlm
21) T n-Octatriacontane (C38)	21.381	5713657	48.717 ug/ml
22) T n-Tetracontane (C40)	22.372	5827322	53.765 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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