

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062025AL\
 Data File : FE054518.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jun 2025 14:20
 Operator : YP\AJ
 Sample : PB168561BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168561BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/23/2025

Supervised By :mohammad ahmed 06/24/2025

Integration File: autoint1.e

Quant Time: Jun 20 23:23:45 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 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)	11.825	6160790	37.285 ug/ml
Spiked Amount 50.000		Recovery =	74.57%
12) S 1-chlorooctadecane (S...	13.269	4826748	39.580 ug/mlm
Spiked Amount 50.000		Recovery =	79.16%
Target Compounds			
1) T n-Nonane (C9)	3.179	4744704	38.208 ug/ml
2) T n-Decane (C10)	4.438	4806146	38.680 ug/ml
3) T A~Naphthalene (C11.7)	6.149	5984241	44.281 ug/ml
4) T n-Dodecane (C12)	6.617	5047154	39.638 ug/ml
5) T A~2-methylnaphthalene...	7.251	5415613	40.887 ug/ml
6) T n-Tetradecane (C14)	8.452	5091902	39.330 ug/ml
7) T n-Hexadecane (C16)	10.064	5138195	38.680 ug/ml
8) T n-Octadecane (C18)	11.511	5142629	38.084 ug/ml
10) T n-Eicosane (C20)	12.824	5287168	39.522 ug/ml
11) T n-Heneicosane (C21)	13.437	5054357	38.012 ug/ml
13) T n-Docosane (C22)	14.025	5019021	38.278 ug/ml
14) T n-Tetracosane (C24)	15.126	11007869	85.336 ug/ml
15) T n-Hexacosane (C26)	16.154	4860476	38.720 ug/ml
16) T n-Octacosane (C28)	17.103	5035007	41.058 ug/mlm
17) T n-Tricontane (C30)	17.994	4785580	38.611 ug/ml
18) T n-Dotriacontane (C32)	18.826	4954523	39.433 ug/mlm
19) T n-Tetratriacontane (C34)	19.612	4853408	39.012 ug/ml
20) T n-Hexatriacontane (C36)	20.354	4833484	37.547 ug/ml
21) T n-Octatriacontane (C38)	21.079	4868785	36.873 ug/ml
22) T n-Tetracontane (C40)	21.967	4434462	32.920 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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