

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054388.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 18:22
 Operator : YP\AJ
 Sample : PB168463BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168463BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e

Quant Time: Jun 14 00:03:07 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	6887545	41.683 ug/ml
Spiked Amount 50.000		Recovery =	83.37%
12) S 1-chlorooctadecane (S...	13.268	5586591	45.811 ug/mlm
Spiked Amount 50.000		Recovery =	91.62%
Target Compounds			
1) T n-Nonane (C9)	3.178	4181707	33.675 ug/ml
2) T n-Decane (C10)	4.439	4376735	35.224 ug/ml
3) T A~Naphthalene (C11.7)	6.151	5853131	43.311 ug/ml
4) T n-Dodecane (C12)	6.619	4897871	38.465 ug/ml
5) T A~2-methylnaphthalene...	7.253	5499942	41.524 ug/ml
6) T n-Tetradecane (C14)	8.453	5177394	39.991 ug/ml
7) T n-Hexadecane (C16)	10.064	5330452	40.127 ug/ml
8) T n-Octadecane (C18)	11.511	5453595	40.387 ug/ml
10) T n-Eicosane (C20)	12.823	5678558	42.448 ug/ml
11) T n-Heneicosane (C21)	13.436	5452472	41.006 ug/ml
13) T n-Docosane (C22)	14.024	5426633	41.386 ug/ml
14) T n-Tetracosane (C24)	15.123	11858835	91.933 ug/ml
15) T n-Hexacosane (C26)	16.152	5298820	42.212 ug/ml
16) T n-Octacosane (C28)	17.102	5591417	45.595 ug/mlm
17) T n-Tricontane (C30)	17.993	5145957	41.519 ug/ml
18) T n-Dotriacontane (C32)	18.825	5143534	40.937 ug/mlm
19) T n-Tetratriacontane (C34)	19.609	4384018	35.239 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	3356959	26.077 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2433491	18.430 ug/mlm
22) T n-Tetracontane (C40)	21.960	1808424	13.425 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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