

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055662.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 14:28
 Operator : YP\AJ
 Sample : PB169545BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB169545BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/05/2025

Supervised By :mohammad ahmed 09/08/2025

Integration File: autoint1.e

Quant Time: Sep 05 01:25:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M

Quant Title : GC Extractables

QLast Update : Fri Aug 29 08:12:09 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)	12.075	5474709	33.325 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
12) S 1-chlorooctadecane (S...	13.512	4252157	34.005 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
Target Compounds			
1) T n-Nonane (C9)	3.420	4142183	32.641 ug/ml
2) T n-Decane (C10)	4.674	4350958	33.966 ug/ml
3) T A~Naphthalene (C11.7)	6.391	4950925	34.077 ug/ml
4) T n-Dodecane (C12)	6.847	4525783	34.757 ug/ml
5) T A~2-methylnaphthalene...	7.490	4548953	32.342 ug/ml
6) T n-Tetradecane (C14)	8.684	4683916	35.567 ug/ml
7) T n-Hexadecane (C16)	10.299	4912369	35.469 ug/ml
8) T n-Octadecane (C18)	11.748	4947215	33.917 ug/ml
10) T n-Eicosane (C20)	13.064	5060863	35.158 ug/ml
11) T n-Heneicosane (C21)	13.678	4814389	33.704 ug/ml
13) T n-Docosane (C22)	14.266	4740089	33.114 ug/ml
14) T n-Tetracosane (C24)	15.371	9790734	67.663 ug/ml
15) T n-Hexacosane (C26)	16.398	4613862	32.296 ug/ml
16) T n-Octacosane (C28)	17.349	4713216	33.136 ug/mlm
17) T n-Tricontane (C30)	18.240	4796794	32.450 ug/ml
18) T n-Dotriacontane (C32)	19.073	4851905	33.057 ug/ml
19) T n-Tetratriacontane (C34)	19.857	5022942	35.552 ug/mlm
20) T n-Hexatriacontane (C36)	20.600	5009614	37.964 ug/ml
21) T n-Octatriacontane (C38)	21.378	5126672	39.363 ug/ml
22) T n-Tetracontane (C40)	22.363	4843426	37.768 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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