

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100625AL\
 Data File : FE056211.D
 Signal(s) : FID1B.ch
 Acq On : 06 Oct 2025 21:36
 Operator : YP\AJ
 Sample : Q3289-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-240MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/07/2025

Supervised By :mohammad ahmed 10/08/2025

Integration File: autoint1.e

Quant Time: Oct 07 01:33:02 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M

Quant Title : GC Extractables

QLast Update : Wed Sep 24 12:55:37 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)	12.070	6513172	34.709 ug/ml
Spiked Amount 50.000		Recovery =	69.42%
12) S 1-chlorooctadecane (S...	13.505	5260233	37.690 ug/ml
Spiked Amount 50.000		Recovery =	75.38%
Target Compounds			
1) T n-Nonane (C9)	3.408	4271372	31.180 ug/ml
2) T n-Decane (C10)	4.669	5228223	37.461 ug/ml
3) T A~Naphthalene (C11.7)	6.389	7668668	48.030 ug/ml
4) T n-Dodecane (C12)	6.845	6797948	47.363 ug/ml
5) T A~2-methylnaphthalene...	7.490	8413715	54.101 ug/ml
6) T n-Tetradecane (C14)	8.683	8560887	57.904 ug/ml
7) T n-Hexadecane (C16)	10.296	9957094	62.660 ug/ml
8) T n-Octadecane (C18)	11.746	10695847	63.146 ug/ml
10) T n-Eicosane (C20)	13.061	11068311	66.771 ug/ml
11) T n-Heneicosane (C21)	13.675	10760426	66.222 ug/ml
13) T n-Docosane (C22)	14.262	10528716	65.891 ug/ml
14) T n-Tetracosane (C24)	15.371	18832301	123.587 ug/ml
15) T n-Hexacosane (C26)	16.394	9038971	63.373 ug/ml
16) T n-Octacosane (C28)	17.344	8941524	64.186 ug/mlm
17) T n-Tricontane (C30)	18.236	8671163	58.517 ug/ml
18) T n-Dotriacontane (C32)	19.068	8714705	58.410 ug/ml
19) T n-Tetratriacontane (C34)	19.853	8820101	62.355 ug/ml
20) T n-Hexatriacontane (C36)	20.593	8579521	66.834 ug/ml
21) T n-Octatriacontane (C38)	21.367	8583782	65.354 ug/ml
22) T n-Tetracontane (C40)	22.350	8294358	69.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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