

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056255.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 18:45
 Operator : YP\AJ
 Sample : Q3303-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HL-WESTMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E

Quant Time: Oct 09 01:22:18 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)	12.066	6568109	35.001 ug/ml
Spiked Amount 50.000		Recovery =	70.00%
12) S 1-chlorooctadecane (S...	13.502	5459858	39.120 ug/ml
Spiked Amount 50.000		Recovery =	78.24%
Target Compounds			
1) T n-Nonane (C9)	3.402	2962908	21.628 ug/ml
2) T n-Decane (C10)	4.665	3470301	24.865 ug/ml
3) T A~Naphthalene (C11.7)	6.386	12535970	78.515 ug/ml
4) T n-Dodecane (C12)	6.840	4259577	29.678 ug/ml
5) T A~2-methylnaphthalene...	7.488	14083277	90.557 ug/ml
6) T n-Tetradecane (C14)	8.678	5152265	34.849 ug/ml
7) T n-Hexadecane (C16)	10.290	5892801	37.083 ug/ml
8) T n-Octadecane (C18)	11.740	6438774	38.013 ug/ml
10) T n-Eicosane (C20)	13.056	6708200	40.468 ug/ml
11) T n-Heneicosane (C21)	13.668	6648526	40.916 ug/ml
13) T n-Docosane (C22)	14.256	6560061	41.054 ug/ml
14) T n-Tetracosane (C24)	15.374	21079188	138.332 ug/ml
15) T n-Hexacosane (C26)	16.389	5742157	40.259 ug/ml
16) T n-Octacosane (C28)	17.337	5884210	42.240 ug/mlm
17) T n-Tricontane (C30)	18.230	5315367	35.871 ug/ml
18) T n-Dotriacontane (C32)	19.061	5254590	35.219 ug/ml
19) T n-Tetratriacontane (C34)	19.846	5545052	39.201 ug/ml
20) T n-Hexatriacontane (C36)	20.587	5759371	44.865 ug/ml
21) T n-Octatriacontane (C38)	21.360	5918537	45.062 ug/ml
22) T n-Tetracontane (C40)	22.340	5938150	49.914 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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