

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055413.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 16:05
 Operator : YP\AJ
 Sample : Q2868-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2025
 Supervised By :mohammad ahmed 08/22/2025

Integration File: autoint1.e
 Quant Time: Aug 21 01:20:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.096	6823448	47.782 ug/ml
Spiked Amount 50.000		Recovery =	95.56%
12) S 1-chlorooctadecane (S...	13.531	6224183	57.886 ug/mlm
Spiked Amount 50.000		Recovery =	115.77%
Target Compounds			
1) T n-Nonane (C9)	3.431	4830716	42.090 ug/ml
2) T n-Decane (C10)	4.684	5070375	43.524 ug/ml
3) T A~Naphthalene (C11.7)	6.402	6933152	51.651 ug/ml
4) T n-Dodecane (C12)	6.856	5476211	45.987 ug/ml
5) T A~2-methylnaphthalene...	7.502	6021953	46.187 ug/mlm
6) T n-Tetradecane (C14)	8.694	5995310	48.897 ug/ml
7) T n-Hexadecane (C16)	10.310	6336268	49.562 ug/ml
8) T n-Octadecane (C18)	11.764	6492574	49.761 ug/ml
10) T n-Eicosane (C20)	13.092	8991368	71.660 ug/mlm
11) T n-Heneicosane (C21)	13.694	9130716	74.072 ug/ml
13) T n-Docosane (C22)	14.281	8493559	69.551 ug/mlm
14) T n-Tetracosane (C24)	15.388	49180219	404.331 ug/ml
15) T n-Hexacosane (C26)	16.415	8457123	70.685 ug/mlm
16) T n-Octacosane (C28)	17.366	42684992	359.835 ug/mlm
17) T n-Tricontane (C30)	18.260	7612988	61.870 ug/ml
18) T n-Dotriacontane (C32)	19.094	10076520	82.587 ug/mlm
19) T n-Tetratriacontane (C34)	19.879	6364308	54.433 ug/mlm
20) T n-Hexatriacontane (C36)	20.618	7703645	70.482 ug/mlm
21) T n-Octatriacontane (C38)	21.402	6772105	62.664 ug/mlm
22) T n-Tetracontane (C40)	22.399	9974418	95.381 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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