

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054300.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2025 21:50
 Operator : YP\AJ
 Sample : Q2274-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-13-MHP-WCMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/11/2025

Supervised By :mohammad ahmed 06/12/2025

Integration File: autoint1.e

Quant Time: Jun 11 02:41:11 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)	11.831	5250778	31.778 ug/ml
Spiked Amount 50.000		Recovery =	63.56%
12) S 1-chlorooctadecane (S...	13.275	4434964	36.367 ug/mlm
Spiked Amount 50.000		Recovery =	72.73%
Target Compounds			
1) T n-Nonane (C9)	3.179	4566731	36.775 ug/ml
2) T n-Decane (C10)	4.442	5018016	40.385 ug/ml
3) T A~Naphthalene (C11.7)	6.156	4342549	32.133 ug/ml
4) T n-Dodecane (C12)	6.624	5539619	43.505 ug/ml
5) T A~2-methylnaphthalene...	7.258	4164748	31.443 ug/ml
6) T n-Tetradecane (C14)	8.460	5946500	45.931 ug/ml
7) T n-Hexadecane (C16)	10.071	6491778	48.870 ug/ml
8) T n-Octadecane (C18)	11.519	6921481	51.258 ug/ml
10) T n-Eicosane (C20)	12.832	7347438	54.923 ug/ml
11) T n-Heneicosane (C21)	13.445	7027216	52.849 ug/ml
13) T n-Docosane (C22)	14.033	6996843	53.362 ug/ml
14) T n-Tetracosane (C24)	15.134	11892234	92.192 ug/ml
15) T n-Hexacosane (C26)	16.163	6794946	54.131 ug/ml
16) T n-Octacosane (C28)	17.112	6866831	55.996 ug/mlm
17) T n-Tricontane (C30)	18.003	6685331	53.939 ug/ml
18) T n-Dotriacontane (C32)	18.836	6383274	50.804 ug/ml
19) T n-Tetratriacontane (C34)	19.620	5404045	43.439 ug/ml
20) T n-Hexatriacontane (C36)	20.360	4058391	31.526 ug/ml
21) T n-Octatriacontane (C38)	21.086	3212197	24.327 ug/ml
22) T n-Tetracontane (C40)	21.978	2591192	19.236 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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