

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062725AL\
 Data File : FE054609.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2025 13:23
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: autoint1.e
 Quant Time: Jun 27 14:26:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 Qlast Update : Fri Jun 27 14:26:43 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)	12.065	7472405	48.742 ug/ml
Spiked Amount 50.000		Recovery =	97.48%
12) S 1-chlorooctadecane (S...	13.499	5810376	48.698 ug/ml
Spiked Amount 50.000		Recovery =	97.40%
Target Compounds			
1) T n-Nonane (C9)	3.418	6226788	49.017 ug/ml
2) T n-Decane (C10)	4.673	6290394	48.900 ug/ml
3) T A~Naphthalene (C11.7)	6.384	6971284	48.835 ug/ml
4) T n-Dodecane (C12)	6.845	6324077	48.874 ug/ml
5) T A~2-methylnaphthalene...	7.484	6781515	48.874 ug/ml
6) T n-Tetradecane (C14)	8.679	6340887	48.831 ug/ml
7) T n-Hexadecane (C16)	10.292	6564847	48.783 ug/ml
8) T n-Octadecane (C18)	11.741	6726768	48.766 ug/ml
10) T n-Eicosane (C20)	13.053	6597648	48.742 ug/ml
11) T n-Heneicosane (C21)	13.666	6559873	48.739 ug/ml
13) T n-Docosane (C22)	14.254	6582801	48.749 ug/ml
14) T n-Tetracosane (C24)	15.358	6691637	48.779 ug/ml
15) T n-Hexacosane (C26)	16.381	6698709	48.895 ug/ml
16) T n-Octacosane (C28)	17.331	6687667	48.933 ug/ml
17) T n-Tricontane (C30)	18.220	7024431	49.250 ug/ml
18) T n-Dotriacontane (C32)	19.053	7061554	50.024 ug/ml
19) T n-Tetratriacontane (C34)	19.836	6627704	50.139 ug/ml
20) T n-Hexatriacontane (C36)	20.576	5878224	50.095 ug/ml
21) T n-Octatriacontane (C38)	21.348	5181070	49.853 ug/ml
22) T n-Tetracontane (C40)	22.327	4833466	49.907 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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