

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054646.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 08:09
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2025
 Supervised By :mohammad ahmed 07/02/2025

Integration File: autoint1.e
 Quant Time: Jul 02 02:19:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 Qlast Update : Fri Jun 27 15:19:13 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)	12.074	3351601	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
12) S 1-chlorooctadecane (S...	13.511	2562102	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.419	2837194	21.093 ug/ml
2) T n-Decane (C10)	4.675	2930909	21.480 ug/ml
3) T A~Naphthalene (C11.7)	6.390	3255524	21.501 ug/ml
4) T n-Dodecane (C12)	6.850	2987212	21.772 ug/ml
5) T A~2-methylnaphthalene...	7.490	3170445	21.567 ug/ml
6) T n-Tetradecane (C14)	8.686	3000673	21.646 ug/ml
7) T n-Hexadecane (C16)	10.301	3076883	21.591 ug/ml
8) T n-Octadecane (C18)	11.750	3108838	21.213 ug/ml
10) T n-Eicosane (C20)	13.063	3007442	20.915 ug/ml
11) T n-Heneicosane (C21)	13.677	2909663	20.371 ug/ml
13) T n-Docosane (C22)	14.266	3004511	21.042 ug/ml
14) T n-Tetracosane (C24)	15.371	3133216	21.554 ug/ml
15) T n-Hexacosane (C26)	16.394	3196111	22.085 ug/ml
16) T n-Octacosane (C28)	17.346	3234231	22.192 ug/ml
17) T n-Tricontane (C30)	18.235	3286510	20.856 ug/ml
18) T n-Dotriacontane (C32)	19.068	3123951	19.309 ug/ml
19) T n-Tetratriacontane (C34)	19.853	2747963	18.032 ug/ml
20) T n-Hexatriacontane (C36)	20.592	2472417	18.388 ug/ml
21) T n-Octatriacontane (C38)	21.370	2264809	19.311 ug/ml
22) T n-Tetracontane (C40)	22.359	2197311	20.273 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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