

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054888.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 22:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: autoint1.e
 Quant Time: Jul 17 05:32:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.087	3025758	18.632 ug/ml
Spiked Amount	50.000	Recovery =	37.26%
12) S 1-chlorooctadecane (S...	13.523	2298943	18.203 ug/mlm
Spiked Amount	50.000	Recovery =	36.41%
Target Compounds			
1) T n-Nonane (C9)	3.427	2489004	18.504 ug/ml
2) T n-Decane (C10)	4.684	2663785	19.522 ug/ml
3) T A~Naphthalene (C11.7)	6.403	2987775	19.733 ug/ml
4) T n-Dodecane (C12)	6.859	2751608	20.054 ug/ml
5) T A~2-methylnaphthalene...	7.504	2923695	19.889 ug/ml
6) T n-Tetradecane (C14)	8.696	2786097	20.098 ug/ml
7) T n-Hexadecane (C16)	10.311	2825293	19.825 ug/ml
8) T n-Octadecane (C18)	11.760	2810576	19.178 ug/ml
10) T n-Eicosane (C20)	13.075	2662171	18.514 ug/ml
11) T n-Heneicosane (C21)	13.688	2600101	18.204 ug/ml
13) T n-Docosane (C22)	14.277	2588957	18.131 ug/ml
14) T n-Tetracosane (C24)	15.384	2604634	17.918 ug/ml
15) T n-Hexacosane (C26)	16.408	2594014	17.925 ug/mlm
16) T n-Octacosane (C28)	17.360	2622232	17.993 ug/ml
17) T n-Tricontane (C30)	18.249	2892603	18.356 ug/ml
18) T n-Dotriacontane (C32)	19.083	2903445	17.946 ug/ml
19) T n-Tetratriacontane (C34)	19.868	2715574	17.820 ug/mlm
20) T n-Hexatriacontane (C36)	20.609	2569162	19.108 ug/ml
21) T n-Octatriacontane (C38)	21.389	2440770	20.811 ug/mlm
22) T n-Tetracontane (C40)	22.383	2262134	20.871 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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