

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042225AL\
 Data File : FE053479.D
 Signal(s) : FID1B.ch
 Acq On : 22 Apr 2025 21:47
 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 04/23/2025
 Supervised By :mohammad ahmed 04/24/2025

Integration File: autoint1.e
 Quant Time: Apr 23 02:55:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.873	3194859	17.714 ug/ml
Spiked Amount 50.000		Recovery =	35.43%
12) S 1-chlorooctadecane (S...	13.317	2359330	17.454 ug/ml
Spiked Amount 50.000		Recovery =	34.91%
Target Compounds			
1) T n-Nonane (C9)	3.221	2597762	18.948 ug/ml
2) T n-Decane (C10)	4.482	2657309	19.209 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2906529	19.256 ug/ml
4) T n-Dodecane (C12)	6.661	2686407	19.155 ug/ml
5) T A~2-methylnaphthalene...	7.295	2874193	19.251 ug/ml
6) T n-Tetradecane (C14)	8.497	2666550	19.007 ug/ml
7) T n-Hexadecane (C16)	10.111	2657277	18.541 ug/ml
8) T n-Octadecane (C18)	11.558	2617141	17.958 ug/ml
10) T n-Eicosane (C20)	12.872	2571636	17.673 ug/ml
11) T n-Heneicosane (C21)	13.486	2537176	17.517 ug/ml
13) T n-Docosane (C22)	14.073	2515797	17.434 ug/ml
14) T n-Tetracosane (C24)	15.179	2475374	17.233 ug/ml
15) T n-Hexacosane (C26)	16.203	2423694	17.113 ug/ml
16) T n-Octacosane (C28)	17.154	2421508	17.405 ug/ml
17) T n-Tricontane (C30)	18.044	2492405	17.906 ug/ml
18) T n-Dotriacontane (C32)	18.877	2519016	18.346 ug/mlm
19) T n-Tetratriacontane (C34)	19.663	2376562	18.240 ug/ml
20) T n-Hexatriacontane (C36)	20.405	2394904	18.970 ug/mlm
21) T n-Octatriacontane (C38)	21.137	2373370	19.481 ug/mlm
22) T n-Tetracontane (C40)	22.045	2308847	19.334 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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