

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042525AL\
 Data File : FE053538.D
 Signal(s) : FID1B.ch
 Acq On : 25 Apr 2025 22:02
 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 04/28/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e
 Quant Time: Apr 25 23:13:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.871	3444533	19.098 ug/ml
Spiked Amount 50.000		Recovery =	38.20%
12) S 1-chlorooctadecane (S...	13.316	2556602	18.913 ug/ml
Spiked Amount 50.000		Recovery =	37.83%
Target Compounds			
1) T n-Nonane (C9)	3.218	2715840	19.809 ug/ml
2) T n-Decane (C10)	4.479	2775151	20.061 ug/ml
3) T A~Naphthalene (C11.7)	6.191	3037703	20.125 ug/ml
4) T n-Dodecane (C12)	6.660	2815406	20.074 ug/ml
5) T A~2-methylnaphthalene...	7.294	3006423	20.136 ug/ml
6) T n-Tetradecane (C14)	8.495	2800321	19.961 ug/ml
7) T n-Hexadecane (C16)	10.109	2821874	19.689 ug/ml
8) T n-Octadecane (C18)	11.556	2814915	19.315 ug/mlm
10) T n-Eicosane (C20)	12.870	2772526	19.054 ug/ml
11) T n-Heneicosane (C21)	13.484	2743534	18.941 ug/ml
13) T n-Docosane (C22)	14.072	2722089	18.864 ug/ml
14) T n-Tetracosane (C24)	15.177	2700907	18.803 ug/ml
15) T n-Hexacosane (C26)	16.201	2661088	18.789 ug/ml
16) T n-Octacosane (C28)	17.152	2677232	19.243 ug/ml
17) T n-Tricontane (C30)	18.043	2802547	20.134 ug/ml
18) T n-Dotriacontane (C32)	18.875	2834610	20.644 ug/ml
19) T n-Tetratriacontane (C34)	19.660	2680781	20.575 ug/ml
20) T n-Hexatriacontane (C36)	20.402	2600295	20.597 ug/ml
21) T n-Octatriacontane (C38)	21.136	2749882	22.571 ug/ml
22) T n-Tetracontane (C40)	22.041	2406832	20.154 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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