

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041025AL\
 Data File : FE053312.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2025 19:33
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2025
 Supervised By :mohammad ahmed 04/14/2025

Integration File: autoint1.e
 Quant Time: Apr 11 02:10:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.888	2817576	17.298 ug/ml
Spiked Amount 50.000		Recovery =	34.60%
12) S 1-chlorooctadecane (S...	13.333	2223489	18.522 ug/ml
Spiked Amount 50.000		Recovery =	37.04%
Target Compounds			
1) T n-Nonane (C9)	3.235	2645128	17.083 ug/ml
2) T n-Decane (C10)	4.496	2805071	17.883 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2950466	17.563 ug/ml
4) T n-Dodecane (C12)	6.675	2829919	18.094 ug/ml
5) T A~2-methylnaphthalene...	7.310	2822015	17.686 ug/ml
6) T n-Tetradecane (C14)	8.511	2785423	18.192 ug/ml
7) T n-Hexadecane (C16)	10.125	2815765	18.267 ug/ml
8) T n-Octadecane (C18)	11.573	2755684	18.169 ug/ml
10) T n-Eicosane (C20)	12.887	2588950	18.158 ug/ml
11) T n-Heneicosane (C21)	13.501	2483756	17.898 ug/ml
13) T n-Docosane (C22)	14.089	2517711	18.383 ug/ml
14) T n-Tetracosane (C24)	15.194	2613434	19.350 ug/mlm
15) T n-Hexacosane (C26)	16.218	2706115	20.285 ug/ml
16) T n-Octacosane (C28)	17.170	2814972	21.331 ug/mlm
17) T n-Tricontane (C30)	18.059	2977319	21.966 ug/ml
18) T n-Dotriacontane (C32)	18.893	2944592	21.883 ug/ml
19) T n-Tetratriacontane (C34)	19.679	2598101	20.079 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2302444	19.382 ug/ml
21) T n-Octatriacontane (C38)	21.157	2167045	18.854 ug/ml
22) T n-Tetracontane (C40)	22.070	1832643	16.317 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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