

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052025AL\
 Data File : FE053930.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2025 18:49
 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 05/21/2025
 Supervised By :mohammad ahmed 05/22/2025

Integration File: autoint1.e
 Quant Time: May 21 00:41:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.844	3211515	19.762 ug/ml
Spiked Amount 50.000		Recovery =	39.52%
12) S 1-chlorooctadecane (S...	13.289	2372827	20.016 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.194	2562408	18.959 ug/ml
2) T n-Decane (C10)	4.456	2584782	19.128 ug/ml
3) T A~Naphthalene (C11.7)	6.169	2782247	19.360 ug/ml
4) T n-Dodecane (C12)	6.636	2620213	19.209 ug/ml
5) T A~2-methylnaphthalene...	7.270	2774944	20.006 ug/mlm
6) T n-Tetradecane (C14)	8.471	2617984	19.400 ug/ml
7) T n-Hexadecane (C16)	10.083	2645704	19.607 ug/ml
8) T n-Octadecane (C18)	11.530	2647938	19.664 ug/ml
10) T n-Eicosane (C20)	12.844	2606316	19.831 ug/ml
11) T n-Heneicosane (C21)	13.457	2579909	19.900 ug/ml
13) T n-Docosane (C22)	14.045	2543447	19.937 ug/ml
14) T n-Tetracosane (C24)	15.150	2510636	20.066 ug/ml
15) T n-Hexacosane (C26)	16.172	2458626	20.078 ug/ml
16) T n-Octacosane (C28)	17.124	2441935	20.088 ug/ml
17) T n-Tricontane (C30)	18.013	2522379	20.250 ug/ml
18) T n-Dotriacontane (C32)	18.847	2546376	20.362 ug/ml
19) T n-Tetratriacontane (C34)	19.632	2418837	20.306 ug/ml
20) T n-Hexatriacontane (C36)	20.374	2360259	20.384 ug/ml
21) T n-Octatriacontane (C38)	21.104	2265540	20.818 ug/ml
22) T n-Tetracontane (C40)	21.997	2179027	21.959 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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