

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053492.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 07:42
 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 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File: autoint1.e
 Quant Time: Apr 24 01:23:50 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	3239112	17.959 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
12) S 1-chlorooctadecane (S...	13.316	2389561	17.677 ug/ml
Spiked Amount 50.000		Recovery =	35.35%
Target Compounds			
1) T n-Nonane (C9)	3.220	2624748	19.144 ug/ml
2) T n-Decane (C10)	4.481	2681630	19.385 ug/ml
3) T A~Naphthalene (C11.7)	6.193	2930548	19.415 ug/ml
4) T n-Dodecane (C12)	6.660	2717123	19.374 ug/ml
5) T A~2-methylnaphthalene...	7.294	2897750	19.408 ug/ml
6) T n-Tetradecane (C14)	8.496	2685607	19.143 ug/ml
7) T n-Hexadecane (C16)	10.109	2684639	18.731 ug/ml
8) T n-Octadecane (C18)	11.557	2633393	18.070 ug/ml
10) T n-Eicosane (C20)	12.870	2606921	17.915 ug/ml
11) T n-Heneicosane (C21)	13.485	2571542	17.754 ug/ml
13) T n-Docosane (C22)	14.072	2544915	17.636 ug/ml
14) T n-Tetracosane (C24)	15.178	2515535	17.513 ug/ml
15) T n-Hexacosane (C26)	16.200	2470429	17.443 ug/ml
16) T n-Octacosane (C28)	17.152	2467442	17.735 ug/ml
17) T n-Tricontane (C30)	18.041	2543706	18.274 ug/ml
18) T n-Dotriacontane (C32)	18.875	2574736	18.752 ug/ml
19) T n-Tetratriacontane (C34)	19.660	2466998	18.934 ug/ml
20) T n-Hexatriacontane (C36)	20.401	2445840	19.374 ug/ml
21) T n-Octatriacontane (C38)	21.136	2410811	19.788 ug/ml
22) T n-Tetracontane (C40)	22.038	2377550	19.909 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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