

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042425AL\
 Data File : FE053516.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2025 07:38
 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 04/25/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File: autoint1.e
 Quant Time: Apr 25 01:24:40 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)	11.870	3279704	18.184 ug/ml
Spiked Amount 50.000		Recovery =	36.37%
12) S 1-chlorooctadecane (S...	13.314	2407463	17.810 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
Target Compounds			
1) T n-Nonane (C9)	3.219	2657170	19.381 ug/ml
2) T n-Decane (C10)	4.480	2722676	19.682 ug/ml
3) T A~Naphthalene (C11.7)	6.191	2971387	19.685 ug/ml
4) T n-Dodecane (C12)	6.659	2751144	19.616 ug/ml
5) T A~2-methylnaphthalene...	7.293	2925746	19.596 ug/ml
6) T n-Tetradecane (C14)	8.495	2731589	19.471 ug/ml
7) T n-Hexadecane (C16)	10.108	2721809	18.991 ug/ml
8) T n-Octadecane (C18)	11.556	2706941	18.575 ug/mlm
10) T n-Eicosane (C20)	12.869	2637623	18.126 ug/ml
11) T n-Heneicosane (C21)	13.482	2602545	17.968 ug/ml
13) T n-Docosane (C22)	14.070	2581026	17.886 ug/ml
14) T n-Tetracosane (C24)	15.175	2538982	17.676 ug/ml
15) T n-Hexacosane (C26)	16.199	2491947	17.595 ug/ml
16) T n-Octacosane (C28)	17.150	2496970	17.948 ug/ml
17) T n-Tricontane (C30)	18.038	2599469	18.675 ug/ml
18) T n-Dotriacontane (C32)	18.872	2635764	19.196 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2512265	19.282 ug/ml
20) T n-Hexatriacontane (C36)	20.400	2493127	19.748 ug/ml
21) T n-Octatriacontane (C38)	21.134	2409533	19.778 ug/ml
22) T n-Tetracontane (C40)	22.038	2369507	19.842 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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