

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051225AL\
 Data File : FE053781.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2025 22:37
 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 05/13/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File: sample.E
 Quant Time: May 13 01:56:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.853	3404823	18.878 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
12) S 1-chlorooctadecane (S...	13.297	2486422	18.394 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
Target Compounds			
1) T n-Nonane (C9)	3.203	2804823	20.458 ug/ml
2) T n-Decane (C10)	4.464	2851088	20.610 ug/ml
3) T A~Naphthalene (C11.7)	6.176	3083154	20.426 ug/ml
4) T n-Dodecane (C12)	6.645	2882129	20.550 ug/ml
5) T A~2-methylnaphthalene...	7.278	2993978	20.053 ug/ml
6) T n-Tetradecane (C14)	8.480	2851997	20.329 ug/ml
7) T n-Hexadecane (C16)	10.092	2848383	19.874 ug/ml
8) T n-Octadecane (C18)	11.539	2828554	19.409 ug/ml
10) T n-Eicosane (C20)	12.852	2756448	18.943 ug/ml
11) T n-Heneicosane (C21)	13.466	2717307	18.760 ug/ml
13) T n-Docosane (C22)	14.053	2689992	18.641 ug/ml
14) T n-Tetracosane (C24)	15.158	2643421	18.403 ug/ml
15) T n-Hexacosane (C26)	16.181	2596865	18.336 ug/ml
16) T n-Octacosane (C28)	17.132	2603891	18.716 ug/ml
17) T n-Tricontane (C30)	18.020	2716244	19.514 ug/mlm
18) T n-Dotriacontane (C32)	18.856	2744886	19.991 ug/ml
19) T n-Tetratriacontane (C34)	19.641	2595789	19.923 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2448948	19.398 ug/mlm
21) T n-Octatriacontane (C38)	21.113	2280153	18.716 ug/mlm
22) T n-Tetracontane (C40)	22.012	2172702	18.194 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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