

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060625AL\
 Data File : FE054215.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jun 2025 11:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/09/2025
 Supervised By :mohammad ahmed 06/10/2025

Integration File: autoint1.e
 Quant Time: Jun 07 00:53:05 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)	11.833	2892319	17.798 ug/ml
Spiked Amount 50.000		Recovery =	35.60%
12) S 1-chlorooctadecane (S...	13.279	2167615	18.284 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T n-Nonane (C9)	3.180	2198035	16.263 ug/mlm
2) T n-Decane (C10)	4.443	2196072	16.251 ug/mlm
3) T A~Naphthalene (C11.7)	6.158	2444714	17.011 ug/mlm
4) T n-Dodecane (C12)	6.625	2182077	15.997 ug/ml
5) T A~2-methylnaphthalene...	7.261	2263318	16.317 ug/ml
6) T n-Tetradecane (C14)	8.460	2273552	16.848 ug/ml
7) T n-Hexadecane (C16)	10.072	2303594	17.072 ug/ml
8) T n-Octadecane (C18)	11.519	2353292	17.476 ug/ml
10) T n-Eicosane (C20)	12.833	2344918	17.842 ug/ml
11) T n-Heneicosane (C21)	13.447	2340404	18.053 ug/ml
13) T n-Docosane (C22)	14.034	2316329	18.156 ug/ml
14) T n-Tetracosane (C24)	15.140	2291775	18.317 ug/ml
15) T n-Hexacosane (C26)	16.162	2239931	18.292 ug/ml
16) T n-Octacosane (C28)	17.114	2209891	18.179 ug/ml
17) T n-Tricontane (C30)	18.003	2261954	18.159 ug/ml
18) T n-Dotriacontane (C32)	18.838	2294923	18.351 ug/ml
19) T n-Tetratriacontane (C34)	19.620	2242954	18.829 ug/mlm
20) T n-Hexatriacontane (C36)	20.364	2320362	20.040 ug/ml
21) T n-Octatriacontane (C38)	21.091	2291123	21.053 ug/ml
22) T n-Tetracontane (C40)	21.984	2296747	23.145 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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