

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE063025AL\
 Data File : FE054643.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 00:03
 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 07/01/2025
 Supervised By :mohammad ahmed 07/01/2025

Integration File: autoint1.e
 Quant Time: Jul 01 06:11:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.074	3020806	18.602 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
12) S 1-chlorooctadecane (S...	13.509	2304703	18.249 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T n-Nonane (C9)	3.420	2295869	17.069 ug/ml
2) T n-Decane (C10)	4.675	2429605	17.806 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2700571	17.836 ug/ml
4) T n-Dodecane (C12)	6.849	2490219	18.149 ug/ml
5) T A~2-methylnaphthalene...	7.490	2708035	18.421 ug/ml
6) T n-Tetradecane (C14)	8.685	2507603	18.089 ug/ml
7) T n-Hexadecane (C16)	10.300	2511893	17.626 ug/ml
8) T n-Octadecane (C18)	11.748	2525697	17.234 ug/ml
10) T n-Eicosane (C20)	13.061	2508987	17.449 ug/ml
11) T n-Heneicosane (C21)	13.675	2441747	17.095 ug/ml
13) T n-Docosane (C22)	14.264	2518539	17.638 ug/ml
14) T n-Tetracosane (C24)	15.370	2635399	18.130 ug/ml
15) T n-Hexacosane (C26)	16.393	2709429	18.722 ug/ml
16) T n-Octacosane (C28)	17.344	2827663	19.402 ug/ml
17) T n-Tricontane (C30)	18.234	3070297	19.484 ug/ml
18) T n-Dotriacontane (C32)	19.068	3090583	19.103 ug/ml
19) T n-Tetratriacontane (C34)	19.852	2827461	18.554 ug/ml
20) T n-Hexatriacontane (C36)	20.593	2652483	19.728 ug/mlm
21) T n-Octatriacontane (C38)	21.369	2712059	23.124 ug/ml
22) T n-Tetracontane (C40)	22.355	2433263	22.450 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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