

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101625AL\
 Data File : FE056343.D
 Signal(s) : FID1B.ch
 Acq On : 16 Oct 2025 08:52
 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 10/16/2025
 Supervised By :Sohil Jodhani 10/17/2025

Integration File: autoint1.e
 Quant Time: Oct 16 11:58:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.060	4159406	22.165 ug/ml
Spiked Amount 50.000		Recovery =	44.33%
12) S 1-chlorooctadecane (S...	13.497	2830926	20.284 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.400	2401296	17.529 ug/ml
2) T n-Decane (C10)	4.660	2567257	18.395 ug/ml
3) T A~Naphthalene (C11.7)	6.380	3285288	20.576 ug/ml
4) T n-Dodecane (C12)	6.835	2854192	19.886 ug/ml
5) T A~2-methylnaphthalene...	7.479	3268573	21.017 ug/ml
6) T n-Tetradecane (C14)	8.671	3126422	21.147 ug/ml
7) T n-Hexadecane (C16)	10.285	3532765	22.232 ug/ml
8) T n-Octadecane (C18)	11.734	3808690	22.486 ug/ml
10) T n-Eicosane (C20)	13.048	3681677	22.210 ug/ml
11) T n-Heneicosane (C21)	13.662	3577891	22.019 ug/ml
13) T n-Docosane (C22)	14.251	3483644	21.801 ug/ml
14) T n-Tetracosane (C24)	15.357	3329598	21.851 ug/ml
15) T n-Hexacosane (C26)	16.380	3122823	21.894 ug/ml
16) T n-Octacosane (C28)	17.333	3059119	21.960 ug/ml
17) T n-Tricontane (C30)	18.223	3192351	21.544 ug/ml
18) T n-Dotriacontane (C32)	19.056	3215166	21.550 ug/ml
19) T n-Tetratriacontane (C34)	19.842	2983983	21.096 ug/ml
20) T n-Hexatriacontane (C36)	20.582	2506417	19.525 ug/ml
21) T n-Octatriacontane (C38)	21.354	2112253	16.082 ug/ml
22) T n-Tetracontane (C40)	22.334	1798196	15.115 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

