

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110625AL\
 Data File : FE056705.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2025 22:10
 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 :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e
 Quant Time: Nov 07 02:45:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.962	4327311	20.713 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
12) S 1-chlorooctadecane (S...	13.401	3271733	20.307 ug/ml
Spiked Amount 50.000		Recovery =	40.61%
Target Compounds			
1) T n-Nonane (C9)	3.319	3508847	20.891 ug/ml
2) T n-Decane (C10)	4.572	3814136	22.228 ug/ml
3) T A~Naphthalene (C11.7)	6.286	3969388	21.504 ug/ml
4) T n-Dodecane (C12)	6.744	3955294	22.741 ug/ml
5) T A~2-methylnaphthalene...	7.386	3814084	21.521 ug/ml
6) T n-Tetradecane (C14)	8.579	3902268	22.356 ug/ml
7) T n-Hexadecane (C16)	10.192	4002354	21.876 ug/ml
8) T n-Octadecane (C18)	11.640	4037005	21.329 ug/ml
10) T n-Eicosane (C20)	12.953	3837925	20.594 ug/ml
11) T n-Heneicosane (C21)	13.567	3736014	20.317 ug/ml
13) T n-Docosane (C22)	14.155	3708165	19.808 ug/ml
14) T n-Tetracosane (C24)	15.261	3623694	18.501 ug/ml
15) T n-Hexacosane (C26)	16.285	3540928	18.220 ug/ml
16) T n-Octacosane (C28)	17.238	3534886	18.253 ug/ml
17) T n-Tricontane (C30)	18.128	3842407	19.164 ug/ml
18) T n-Dotriacontane (C32)	18.963	4147475	21.091 ug/ml
19) T n-Tetratriacontane (C34)	19.746	4040294	23.407 ug/mlm
20) T n-Hexatriacontane (C36)	20.490	3524715	24.366 ug/ml
21) T n-Octatriacontane (C38)	21.239	3081448	24.483 ug/mlm
22) T n-Tetracontane (C40)	22.181	2976646	25.746 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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