

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120825AL\
 Data File : FE057212.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2025 09:34
 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 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: autoint1.e
 Quant Time: Dec 09 00:32:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.936	4375107	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.375	3261651	19.598 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.293	3892833	19.901 ug/ml
2) T n-Decane (C10)	4.546	4034634	19.948 ug/ml
3) T A~Naphthalene (C11.7)	6.264	4056621	20.149 ug/ml
4) T n-Dodecane (C12)	6.719	4105801	20.117 ug/ml
5) T A~2-methylnaphthalene...	7.364	3828352	19.924 ug/ml
6) T n-Tetradecane (C14)	8.553	4043273	20.088 ug/ml
7) T n-Hexadecane (C16)	10.165	4110866	20.046 ug/ml
8) T n-Octadecane (C18)	11.613	4099500	19.890 ug/ml
10) T n-Eicosane (C20)	12.927	3880984	19.729 ug/ml
11) T n-Heneicosane (C21)	13.540	3796721	19.762 ug/ml
13) T n-Docosane (C22)	14.127	3738894	19.368 ug/ml
14) T n-Tetracosane (C24)	15.234	3675767	18.559 ug/ml
15) T n-Hexacosane (C26)	16.257	3610139	18.197 ug/ml
16) T n-Octacosane (C28)	17.210	3579998	17.421 ug/ml
17) T n-Tricontane (C30)	18.099	3700423	16.488 ug/ml
18) T n-Dotriacontane (C32)	18.934	3633224	15.564 ug/ml
19) T n-Tetratriacontane (C34)	19.720	3386916	15.857 ug/ml
20) T n-Hexatriacontane (C36)	20.462	3205601	17.222 ug/ml
21) T n-Octatriacontane (C38)	21.209	3117143	17.986 ug/mlm
22) T n-Tetracontane (C40)	22.140	3139329	18.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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