

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120125AL\
 Data File : FE057115.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2025 00:40
 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 :Rahul Chavli 12/02/2025
 Supervised By :mohammad ahmed 12/03/2025

Integration File: autoint1.e
 Quant Time: Dec 02 01:31:18 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)	11.941	4888720	22.278 ug/ml
Spiked Amount 50.000		Recovery =	44.56%
12) S 1-chlorooctadecane (S...	13.379	3704442	22.259 ug/ml
Spiked Amount 50.000		Recovery =	44.52%
Target Compounds			
1) T n-Nonane (C9)	3.298	4449291	22.746 ug/ml
2) T n-Decane (C10)	4.552	4549551	22.494 ug/ml
3) T A~Naphthalene (C11.7)	6.269	4617994	22.937 ug/ml
4) T n-Dodecane (C12)	6.724	4600872	22.543 ug/ml
5) T A~2-methylnaphthalene...	7.368	4350901	22.643 ug/ml
6) T n-Tetradecane (C14)	8.558	4508317	22.398 ug/ml
7) T n-Hexadecane (C16)	10.170	4573819	22.303 ug/ml
8) T n-Octadecane (C18)	11.618	4570103	22.173 ug/ml
10) T n-Eicosane (C20)	12.931	4334004	22.032 ug/ml
11) T n-Heneicosane (C21)	13.545	4239435	22.066 ug/ml
13) T n-Docosane (C22)	14.132	4194550	21.729 ug/ml
14) T n-Tetracosane (C24)	15.238	4145683	20.932 ug/ml
15) T n-Hexacosane (C26)	16.263	4088362	20.608 ug/ml
16) T n-Octacosane (C28)	17.215	4123685	20.067 ug/ml
17) T n-Tricontane (C30)	18.104	4508448	20.089 ug/ml
18) T n-Dotriacontane (C32)	18.940	4862362	20.830 ug/ml
19) T n-Tetratriacontane (C34)	19.725	4917453	23.023 ug/ml
20) T n-Hexatriacontane (C36)	20.468	4652282	24.995 ug/ml
21) T n-Octatriacontane (C38)	21.216	4262872	24.597 ug/ml
22) T n-Tetracontane (C40)	22.146	3806618	22.589 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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