

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016869.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 20:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 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 04:38:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 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)	11.942	2934686	19.811 ug/ml
Spiked Amount 50.000		Recovery =	39.62%
12) S 1-chlorooctadecane (S...	13.383	2220651	19.345 ug/mlm
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.301	2370687	19.761 ug/ml
2) T n-Decane (C10)	4.560	2512113	20.549 ug/ml
3) T A~Naphthalene (C11.7)	6.271	2623988	20.369 ug/ml
4) T n-Dodecane (C12)	6.738	2549454	20.699 ug/ml
5) T A~2-methylnaphthalene...	7.370	2527578	20.765 ug/ml
6) T n-Tetradecane (C14)	8.571	2532886	20.869 ug/ml
7) T n-Hexadecane (C16)	10.180	2605576	20.497 ug/mlm
8) T n-Octadecane (C18)	11.626	2640858	19.987 ug/ml
10) T n-Eicosane (C20)	12.939	2615847	19.868 ug/ml
11) T n-Heneicosane (C21)	13.552	2573277	19.709 ug/ml
13) T n-Docosane (C22)	14.140	2584062	19.433 ug/ml
14) T n-Tetracosane (C24)	15.247	2626579	18.882 ug/ml
15) T n-Hexacosane (C26)	16.271	2567418	18.532 ug/ml
16) T n-Octacosane (C28)	17.225	2577677	18.651 ug/ml
17) T n-Tricontane (C30)	18.115	2751476	19.565 ug/ml
18) T n-Dotriacontane (C32)	18.951	2781956	20.522 ug/mlm
19) T n-Tetratriacontane (C34)	19.738	2529468	21.382 ug/ml
20) T n-Hexatriacontane (C36)	20.481	2144216	21.855 ug/ml
21) T n-Octatriacontane (C38)	21.233	1906471	21.660 ug/mlm
22) T n-Tetracontane (C40)	22.172	1782349	21.017 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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