

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100725AL\
 Data File : FF016537.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2025 12:48
 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 :Yogesh Patel 10/08/2025
 Supervised By :mohammad ahmed 10/09/2025

Integration File: autoint1.e
 Quant Time: Oct 08 02:40:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 05:49:41 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)	11.963	2658487	18.381 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
12) S 1-chlorooctadecane (S...	13.405	2050325	18.381 ug/ml
Spiked Amount 50.000		Recovery =	36.76%
Target Compounds			
1) T n-Nonane (C9)	3.310	2137101	18.279 ug/ml
2) T n-Decane (C10)	4.572	2202183	18.592 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2382346	18.241 ug/ml
4) T n-Dodecane (C12)	6.753	2230885	18.586 ug/ml
5) T A~2-methylnaphthalene...	7.386	2308570	18.132 ug/ml
6) T n-Tetradecane (C14)	8.588	2231193	18.516 ug/ml
7) T n-Hexadecane (C16)	10.199	2351923	18.832 ug/ml
8) T n-Octadecane (C18)	11.646	2423479	18.709 ug/ml
10) T n-Eicosane (C20)	12.959	2383023	18.636 ug/ml
11) T n-Heneicosane (C21)	13.573	2348644	18.498 ug/ml
13) T n-Docosane (C22)	14.161	2370417	18.670 ug/ml
14) T n-Tetracosane (C24)	15.269	2442204	19.092 ug/ml
15) T n-Hexacosane (C26)	16.293	2398148	19.184 ug/ml
16) T n-Octacosane (C28)	17.247	2395886	19.554 ug/ml
17) T n-Tricontane (C30)	18.138	2555546	20.520 ug/ml
18) T n-Dotriacontane (C32)	18.975	2666756	22.126 ug/ml
19) T n-Tetratriacontane (C34)	19.762	2302743	21.117 ug/ml
20) T n-Hexatriacontane (C36)	20.505	1914392	20.512 ug/ml
21) T n-Octatriacontane (C38)	21.264	1641315	19.516 ug/mlm
22) T n-Tetracontane (C40)	22.212	1355340	17.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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