

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AL\
 Data File : FD048996.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 14:13
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 05:01:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 05:57:24 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)	11.241	4045829	20.953 ug/ml
Spiked Amount 50.000		Recovery =	41.91%
12) S 1-chlorooctadecane (S...	12.684	3089186	21.046 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
Target Compounds			
1) T n-Nonane (C9)	3.106	3373104	21.092 ug/ml
2) T n-Decane (C10)	4.151	3441318	21.105 ug/ml
3) T A~Naphthalene (C11.7)	5.698	3658453	21.408 ug/ml
4) T n-Dodecane (C12)	6.144	3513420	21.214 ug/ml
5) T A~2-methylnaphthalene...	6.745	3499308	21.708 ug/ml
6) T n-Tetradecane (C14)	7.924	3487123	21.093 ug/ml
7) T n-Hexadecane (C16)	9.513	3629327	21.049 ug/ml
8) T n-Octadecane (C18)	10.946	3695706	20.960 ug/ml
10) T n-Eicosane (C20)	12.247	3591867	20.870 ug/ml
11) T n-Heneicosane (C21)	12.856	3552103	20.860 ug/ml
13) T n-Docosane (C22)	13.438	3534919	20.788 ug/ml
14) T n-Tetracosane (C24)	14.536	3524730	20.689 ug/ml
15) T n-Hexacosane (C26)	15.552	3450045	20.598 ug/ml
16) T n-Octacosane (C28)	16.498	3379515	20.315 ug/ml
17) T n-Tricontane (C30)	17.380	3389459	19.746 ug/ml
18) T n-Dotriacontane (C32)	18.208	3206313	19.613 ug/ml
19) T n-Tetratriacontane (C34)	18.987	2776051	19.926 ug/ml
20) T n-Hexatriacontane (C36)	19.723	2358752	20.513 ug/ml
21) T n-Octatriacontane (C38)	20.419	2176778	21.007 ug/ml
22) T n-Tetracontane (C40)	21.197	1992663	20.792 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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