

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013125AL\
 Data File : FD049023.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 12:15
 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

Integration File: autoint1.e
 Quant Time: Feb 01 03:45:31 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)	11.240	4227334	21.893 ug/ml
Spiked Amount 50.000		Recovery =	43.79%
12) S 1-chlorooctadecane (S...	12.682	3222309	21.953 ug/ml
Spiked Amount 50.000		Recovery =	43.91%
Target Compounds			
1) T n-Nonane (C9)	3.107	3450706	21.577 ug/ml
2) T n-Decane (C10)	4.151	3538306	21.700 ug/ml
3) T A~Naphthalene (C11.7)	5.697	3741823	21.896 ug/ml
4) T n-Dodecane (C12)	6.142	3625543	21.891 ug/ml
5) T A~2-methylnaphthalene...	6.744	3641753	22.592 ug/ml
6) T n-Tetradecane (C14)	7.923	3619134	21.892 ug/ml
7) T n-Hexadecane (C16)	9.512	3790383	21.983 ug/ml
8) T n-Octadecane (C18)	10.944	3874354	21.973 ug/ml
10) T n-Eicosane (C20)	12.244	3764172	21.871 ug/ml
11) T n-Heneicosane (C21)	12.852	3714502	21.814 ug/ml
13) T n-Docosane (C22)	13.436	3706827	21.799 ug/ml
14) T n-Tetracosane (C24)	14.533	3679356	21.597 ug/ml
15) T n-Hexacosane (C26)	15.548	3603812	21.516 ug/ml
16) T n-Octacosane (C28)	16.493	3503389	21.060 ug/ml
17) T n-Tricontane (C30)	17.374	3529342	20.561 ug/ml
18) T n-Dotriacontane (C32)	18.203	3342428	20.445 ug/ml
19) T n-Tetratriacontane (C34)	18.981	2866609	20.576 ug/ml
20) T n-Hexatriacontane (C36)	19.718	2411424	20.971 ug/ml
21) T n-Octatriacontane (C38)	20.415	2204676	21.277 ug/ml
22) T n-Tetracontane (C40)	21.191	1967348	20.528 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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