

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020325AL\
 Data File : FD049038.D
 Signal(s) : FID2B.ch
 Acq On : 03 Feb 2025 10:44
 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 04 01:13:46 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)	11.237	3903487	20.215 ug/ml
Spiked Amount 50.000		Recovery =	40.43%
12) S 1-chlorooctadecane (S...	12.680	2961952	20.179 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.104	3163059	19.779 ug/ml
2) T n-Decane (C10)	4.148	3280502	20.119 ug/ml
3) T A~Naphthalene (C11.7)	5.695	3516556	20.578 ug/ml
4) T n-Dodecane (C12)	6.141	3354874	20.256 ug/ml
5) T A~2-methylnaphthalene...	6.741	3373501	20.928 ug/ml
6) T n-Tetradecane (C14)	7.921	3352995	20.282 ug/ml
7) T n-Hexadecane (C16)	9.510	3514757	20.384 ug/ml
8) T n-Octadecane (C18)	10.942	3576551	20.284 ug/ml
10) T n-Eicosane (C20)	12.243	3470330	20.164 ug/ml
11) T n-Heneicosane (C21)	12.851	3424196	20.109 ug/ml
13) T n-Docosane (C22)	13.433	3418814	20.105 ug/ml
14) T n-Tetracosane (C24)	14.529	3389605	19.896 ug/ml
15) T n-Hexacosane (C26)	15.545	3337022	19.923 ug/ml
16) T n-Octacosane (C28)	16.489	3292248	19.791 ug/ml
17) T n-Tricontane (C30)	17.372	3363448	19.594 ug/ml
18) T n-Dotriacontane (C32)	18.199	3194446	19.540 ug/ml
19) T n-Tetratriacontane (C34)	18.979	2744586	19.700 ug/ml
20) T n-Hexatriacontane (C36)	19.714	2297588	19.981 ug/ml
21) T n-Octatriacontane (C38)	20.411	2096165	20.229 ug/ml
22) T n-Tetracontane (C40)	21.185	1958046	20.431 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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