

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100421AL\
 Data File : FD039003.D
 Signal(s) : FID2B.CH
 Acq On : 05 Oct 2021 6:44
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

mohammad
 10/5/2021 12:18:50 PM

Integration File: autoint1.e
 Quant Time: Oct 05 07:51:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.681	2597068	18.298 ug/ml
Spiked Amount 50.000		Recovery =	36.60%
12) S 1-chlorooctadecane (S...	13.107	2023142	17.992 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
Target Compounds			
1) T n-Nonane (C9)	3.440	2431079	19.273 ug/ml
2) T n-Decane (C10)	4.510	2467844	19.336 ug/ml
3) T A~Naphthalene (C11.7)	6.103	2741680	19.253 ug/ml
4) T n-Dodecane (C12)	6.527	2465904	19.255 ug/ml
5) T A~2-methylnaphthalene...	7.159	2749807	19.208 ug/ml
6) T n-Tetradecane (C14)	8.320	2474128	19.067 ug/ml
7) T n-Hexadecane (C16)	9.917	2457117	18.840 ug/ml
8) T n-Octadecane (C18)	11.356	2473238	18.492 ug/ml
10) T n-Eicosane (C20)	12.662	2409615	18.169 ug/ml
11) T n-Heneicosane (C21)	13.271	2414709	18.033 ug/ml
13) T n-Docosane (C22)	13.857	2354775	17.752 ug/ml
14) T n-Tetracosane (C24)	14.956	2310461	17.437 ug/ml
15) T n-Hexacosane (C26)	15.973	2210542	17.174 ug/ml
16) T n-Octacosane (C28)	16.919	2140012	16.972 ug/ml
17) T n-Tricontane (C30)	17.803	2079342	17.048 ug/ml
18) T n-Dotriacontane (C32)	18.632	2004734	17.292 ug/ml
19) T n-Tetratriacontane (C34)	19.412	1945156	18.020 ug/ml
20) T n-Hexatriacontane (C36)	20.148	1812345	18.521 ug/ml
21) T n-Octatriacontane (C38)	20.890	1816218	20.231 ug/mlm
22) T n-Tetracontane (C40)	21.819	2080102	23.613 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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