

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050223AL\
 Data File : FE041673.D
 Signal(s) : FID1B.ch
 Acq On : 02 May 2023 15:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2023
 Supervised By :Ankita Jodhani 05/03/2023

Integration File: autoint1.e
 Quant Time: May 03 02:50:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.984	3691171	19.675 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
12) S 1-chlorooctadecane (S...	13.420	2725295	19.291 ug/ml
Spiked Amount 50.000		Recovery =	38.58%
Target Compounds			
1) T n-Nonane (C9)	3.355	2975390	20.241 ug/ml
2) T n-Decane (C10)	4.610	3083468	20.559 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3395849	20.520 ug/ml
4) T n-Dodecane (C12)	6.779	3125412	20.556 ug/ml
5) T A~2-methylnaphthalene...	7.415	3311457	20.537 ug/ml
6) T n-Tetradecane (C14)	8.609	3129608	20.603 ug/ml
7) T n-Hexadecane (C16)	10.219	3254242	20.392 ug/ml
8) T n-Octadecane (C18)	11.663	3291454	20.081 ug/ml
10) T n-Eicosane (C20)	12.974	3159358	19.642 ug/ml
11) T n-Heneicosane (C21)	13.586	3093848	19.413 ug/ml
13) T n-Docosane (C22)	14.173	3067982	19.256 ug/ml
14) T n-Tetracosane (C24)	15.278	3037064	18.838 ug/ml
15) T n-Hexacosane (C26)	16.300	2924859	18.500 ug/ml
16) T n-Octacosane (C28)	17.251	2853221	18.543 ug/ml
17) T n-Tricontane (C30)	18.140	2911721	19.118 ug/ml
18) T n-Dotriacontane (C32)	18.973	2871444	19.274 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2763395	19.616 ug/ml
20) T n-Hexatriacontane (C36)	20.498	2683201	20.064 ug/mlm
21) T n-Octatriacontane (C38)	21.255	2705292	20.474 ug/mlm
22) T n-Tetracontane (C40)	22.201	2795379	22.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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