

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031122AL\
 Data File : FD041504.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2022 10:15
 Operator : UA/NP
 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

Reviewed By :Yogesh Patel 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: sample.E
 Quant Time: Mar 11 22:02:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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)	11.244	3369754	19.427 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	12.684	2607719	19.261 ug/ml
Spiked Amount 50.000		Recovery =	38.52%
Target Compounds			
1) T n-Nonane (C9)	3.104	3042715	20.895 ug/ml
2) T n-Decane (C10)	4.151	3030045	20.985 ug/ml
3) T A~Naphthalene (C11.7)	5.703	3333299	20.866 ug/ml
4) T n-Dodecane (C12)	6.149	3120806	21.072 ug/ml
5) T A~2-methylnaphthalene...	6.749	3354440	20.961 ug/ml
6) T n-Tetradecane (C14)	7.926	3149117	21.035 ug/ml
7) T n-Hexadecane (C16)	9.514	3159219	20.752 ug/ml
8) T n-Octadecane (C18)	10.946	3154293	20.294 ug/ml
10) T n-Eicosane (C20)	12.246	3068843	19.768 ug/ml
11) T n-Heneicosane (C21)	12.854	3039725	19.413 ug/ml
13) T n-Docosane (C22)	13.437	3009292	19.215 ug/ml
14) T n-Tetracosane (C24)	14.533	2944707	18.774 ug/ml
15) T n-Hexacosane (C26)	15.549	2826478	18.396 ug/ml
16) T n-Octacosane (C28)	16.493	2766810	18.591 ug/ml
17) T n-Tricontane (C30)	17.376	2707021	19.239 ug/ml
18) T n-Dotriacontane (C32)	18.205	2576441	20.251 ug/ml
19) T n-Tetratriacontane (C34)	18.984	2390960	20.992 ug/mlm
20) T n-Hexatriacontane (C36)	19.719	2234314	21.800 ug/mlm
21) T n-Octatriacontane (C38)	20.418	2165520	22.808 ug/mlm
22) T n-Tetracontane (C40)	21.205	2158661	22.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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