

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031122AL\
 Data File : FD041527.D
 Signal(s) : FID2B.CH
 Acq On : 12 Mar 2022 1:26
 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 12 01:47:07 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)	11.243	3481991	20.074 ug/ml
Spiked Amount 50.000		Recovery =	40.15%
12) S 1-chlorooctadecane (S...	12.683	2696986	19.921 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.104	3119225	21.421 ug/ml
2) T n-Decane (C10)	4.150	3106034	21.511 ug/ml
3) T A~Naphthalene (C11.7)	5.702	3409100	21.341 ug/ml
4) T n-Dodecane (C12)	6.148	3203879	21.633 ug/ml
5) T A~2-methylnaphthalene...	6.749	3445429	21.530 ug/ml
6) T n-Tetradecane (C14)	7.925	3242604	21.660 ug/ml
7) T n-Hexadecane (C16)	9.513	3260393	21.417 ug/ml
8) T n-Octadecane (C18)	10.945	3260727	20.979 ug/ml
10) T n-Eicosane (C20)	12.245	3171627	20.430 ug/ml
11) T n-Heneicosane (C21)	12.854	3144797	20.084 ug/ml
13) T n-Docosane (C22)	13.436	3117354	19.905 ug/ml
14) T n-Tetracosane (C24)	14.533	3061324	19.517 ug/ml
15) T n-Hexacosane (C26)	15.549	2948360	19.190 ug/ml
16) T n-Octacosane (C28)	16.492	2891095	19.426 ug/ml
17) T n-Tricontane (C30)	17.376	2853140	20.278 ug/ml
18) T n-Dotriacontane (C32)	18.204	2697369	21.201 ug/ml
19) T n-Tetratriacontane (C34)	18.984	2521410	22.138 ug/ml
20) T n-Hexatriacontane (C36)	19.722	2364933	23.074 ug/ml
21) T n-Octatriacontane (C38)	20.419	2249403	23.692 ug/mlm
22) T n-Tetracontane (C40)	21.208	2209591	23.315 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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