

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010322AL\
 Data File : FD040365.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jan 2022 22:00
 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

Reviewed By :Yogesh Patel 01/04/2022
 Supervised By :Ankita Jodhani 01/04/2022

Integration File: autoint1.e
 Quant Time: Jan 04 09:17:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 29 02:26:30 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)	10.674	3561330	22.860 ug/ml
Spiked Amount 50.000		Recovery =	45.72%
12) S 1-chlorooctadecane (S...	12.108	2610552	21.647 ug/ml
Spiked Amount 50.000		Recovery =	43.29%
Target Compounds			
1) T n-Nonane (C9)	2.617	3259443	24.838 ug/ml
2) T n-Decane (C10)	3.606	3308113	24.992 ug/mlm
3) T A~Naphthalene (C11.7)	5.142	3582851	24.282 ug/ml
4) T n-Dodecane (C12)	5.577	3321169	25.007 ug/mlm
5) T A~2-methylnaphthalene...	6.182	3539718	23.854 ug/ml
6) T n-Tetradecane (C14)	7.353	3373153	24.399 ug/ml
7) T n-Hexadecane (C16)	8.939	3319771	24.211 ug/ml
8) T n-Octadecane (C18)	10.370	3329035	23.574 ug/ml
10) T n-Eicosane (C20)	11.670	3197206	22.869 ug/ml
11) T n-Heneicosane (C21)	12.278	3176256	22.449 ug/ml
13) T n-Docosane (C22)	12.861	3096161	22.062 ug/ml
14) T n-Tetracosane (C24)	13.956	3002022	21.381 ug/ml
15) T n-Hexacosane (C26)	14.971	2858395	20.787 ug/ml
16) T n-Octacosane (C28)	15.915	2794976	20.546 ug/ml
17) T n-Tricontane (C30)	16.797	2732482	20.418 ug/ml
18) T n-Dotriacontane (C32)	17.626	2555091	19.739 ug/ml
19) T n-Tetratriacontane (C34)	18.404	2366248	19.516 ug/ml
20) T n-Hexatriacontane (C36)	19.141	2101636	19.721 ug/ml
21) T n-Octatriacontane (C38)	19.842	1886157	20.425 ug/mlm
22) T n-Tetracontane (C40)	20.655	1619140	20.794 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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