

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040030.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 8:55
 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 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 19 23:53:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.753	3314144	21.111 ug/ml
Spiked Amount 50.000		Recovery =	42.22%
12) S 1-chlorooctadecane (S...	12.188	2605032	21.095 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	2.658	3052235	21.690 ug/ml
2) T n-Decane (C10)	3.657	3093233	21.687 ug/ml
3) T A~Naphthalene (C11.7)	5.204	3480419	21.681 ug/ml
4) T n-Dodecane (C12)	5.637	3113654	21.807 ug/ml
5) T A~2-methylnaphthalene...	6.248	3519342	21.808 ug/ml
6) T n-Tetradecane (C14)	7.419	3154601	21.887 ug/ml
7) T n-Hexadecane (C16)	9.010	3164154	21.750 ug/ml
8) T n-Octadecane (C18)	10.444	3213900	21.598 ug/ml
10) T n-Eicosane (C20)	11.748	3142371	21.486 ug/ml
11) T n-Heneicosane (C21)	12.357	3118156	21.224 ug/ml
13) T n-Docosane (C22)	12.941	3095622	21.199 ug/mlm
14) T n-Tetracosane (C24)	14.040	3123025	21.443 ug/mlm
15) T n-Hexacosane (C26)	15.056	3052511	21.764 ug/ml
16) T n-Octacosane (C28)	16.003	3002912	22.141 ug/ml
17) T n-Tricontane (C30)	16.886	2923058	22.369 ug/mlm
18) T n-Dotriacontane (C32)	17.717	2867132	23.037 ug/mlm
19) T n-Tetratriacontane (C34)	18.499	2797285	23.160 ug/mlm
20) T n-Hexatriacontane (C36)	19.236	2603409	22.638 ug/mlm
21) T n-Octatriacontane (C38)	19.949	2489626	22.304 ug/mlm
22) T n-Tetracontane (C40)	20.797	2413317	21.180 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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