

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040012.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 22:56
 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 17 23:47:07 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)	10.758	3213524	20.470 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	12.194	2520935	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	2.659	2962690	21.053 ug/ml
2) T n-Decane (C10)	3.660	3007557	21.086 ug/ml
3) T A~Naphthalene (C11.7)	5.208	3370951	21.000 ug/ml
4) T n-Dodecane (C12)	5.641	3022401	21.168 ug/ml
5) T A~2-methylnaphthalene...	6.252	3405513	21.103 ug/ml
6) T n-Tetradecane (C14)	7.422	3056085	21.204 ug/ml
7) T n-Hexadecane (C16)	9.014	3056839	21.012 ug/ml
8) T n-Octadecane (C18)	10.450	3099706	20.831 ug/ml
10) T n-Eicosane (C20)	11.753	3038701	20.777 ug/ml
11) T n-Heneicosane (C21)	12.362	3015087	20.522 ug/ml
13) T n-Docosane (C22)	12.946	2994128	20.504 ug/ml
14) T n-Tetracosane (C24)	14.045	3043038	20.894 ug/ml
15) T n-Hexacosane (C26)	15.062	2911109	20.755 ug/ml
16) T n-Octacosane (C28)	16.008	2810959	20.726 ug/mlm
17) T n-Tricontane (C30)	16.894	2799502	21.424 ug/mlm
18) T n-Dotriacontane (C32)	17.724	2694319	21.649 ug/mlm
19) T n-Tetratriacontane (C34)	18.505	2649460	21.936 ug/mlm
20) T n-Hexatriacontane (C36)	19.244	2547788	22.154 ug/mlm
21) T n-Octatriacontane (C38)	19.958	2381405	21.335 ug/mlm
22) T n-Tetracontane (C40)	20.808	2401701	21.078 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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