

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021822AL\
 Data File : FD041191.D
 Signal(s) : FID2B.CH
 Acq On : 18 Feb 2022 14:05
 Operator : YP\AJ
 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 02/21/2022
 Supervised By :Ankita Jodhani 02/21/2022

Integration File: autoint1.e
 Quant Time: Feb 18 22:03:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 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)	11.232	542857	19.423 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
12) S 1-chlorooctadecane (S...	12.674	408663	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.082	448293	19.904 ug/ml
2) T n-Decane (C10)	4.139	457599	20.332 ug/ml
3) T A~Naphthalene (C11.7)	5.695	444574	20.007 ug/ml
4) T n-Dodecane (C12)	6.140	457235	19.914 ug/ml
5) T A~2-methylnaphthalene...	6.741	443453	20.644 ug/ml
6) T n-Tetradecane (C14)	7.918	467951	19.871 ug/ml
7) T n-Hexadecane (C16)	9.505	471223	19.600 ug/ml
8) T n-Octadecane (C18)	10.935	490335	19.539 ug/ml
10) T n-Eicosane (C20)	12.235	484423	19.342 ug/ml
11) T n-Heneicosane (C21)	12.843	488008	19.216 ug/ml
13) T n-Docosane (C22)	13.426	491525	19.637 ug/ml
14) T n-Tetracosane (C24)	14.522	519845	20.931 ug/ml
15) T n-Hexacosane (C26)	15.538	520014	21.450 ug/ml
16) T n-Octacosane (C28)	16.482	547498	22.737 ug/ml
17) T n-Tricontane (C30)	17.366	587115	24.640 ug/ml
18) T n-Dotriacontane (C32)	18.193	569367	25.386 ug/ml
19) T n-Tetratriacontane (C34)	18.973	517382	24.009 ug/ml
20) T n-Hexatriacontane (C36)	19.709	428628	21.557 ug/ml
21) T n-Octatriacontane (C38)	20.407	396814	20.945 ug/mlm
22) T n-Tetracontane (C40)	21.191	370561	19.144 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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