

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011022AL\
 Data File : FD040522.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 3:01
 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 01/11/2022
 Supervised By :mohammad ahmed 01/12/2022

Integration File: autoint1.e
 Quant Time: Jan 11 03:17:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.622	3189986	20.689 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
12) S 1-chlorooctadecane (S...	12.059	2434734	20.685 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	2.572	2619779	20.406 ug/ml
2) T n-Decane (C10)	3.558	2664629	20.694 ug/ml
3) T A~Naphthalene (C11.7)	5.088	2951233	20.773 ug/ml
4) T n-Dodecane (C12)	5.527	2700080	21.125 ug/ml
5) T A~2-methylnaphthalene...	6.128	2983895	21.151 ug/ml
6) T n-Tetradecane (C14)	7.303	2768188	21.369 ug/ml
7) T n-Hexadecane (C16)	8.890	2792782	21.436 ug/ml
8) T n-Octadecane (C18)	10.322	2878454	21.243 ug/ml
10) T n-Eicosane (C20)	11.622	2866013	21.071 ug/ml
11) T n-Heneicosane (C21)	12.229	2860279	20.655 ug/ml
13) T n-Docosane (C22)	12.813	2943928	21.350 ug/ml
14) T n-Tetracosane (C24)	13.909	3105253	22.208 ug/ml
15) T n-Hexacosane (C26)	14.924	3091822	22.430 ug/ml
16) T n-Octacosane (C28)	15.867	3082201	22.716 ug/ml
17) T n-Tricontane (C30)	16.750	2995706	22.984 ug/ml
18) T n-Dotriacontane (C32)	17.579	2682219	22.437 ug/ml
19) T n-Tetratriacontane (C34)	18.358	2359263	22.407 ug/ml
20) T n-Hexatriacontane (C36)	19.095	2073693	20.465 ug/ml
21) T n-Octatriacontane (C38)	19.792	1949217	21.817 ug/mlm
22) T n-Tetracontane (C40)	20.591	1944827	22.751 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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