

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040014.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 00:03
 Operator : AJ\MA
 Sample : M5116-03MS
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 18 00:24:43 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)	10.760	5811702	37.020 ug/ml
Spiked Amount 50.000		Recovery =	74.04%
12) S 1-chlorooctadecane (S...	12.195	4245013	34.374 ug/ml
Spiked Amount 50.000		Recovery =	68.75%
Target Compounds			
1) T n-Nonane (C9)	2.684	7087614	50.365 ug/ml
2) T n-Decane (C10)	3.674	7507196	52.634 ug/ml
3) T A~Naphthalene (C11.7)	5.214	8661197	53.955 ug/ml
4) T n-Dodecane (C12)	5.645	7635834	53.479 ug/ml
5) T A~2-methylnaphthalene...	6.257	8301789	51.443 ug/ml
6) T n-Tetradecane (C14)	7.427	7655260	53.114 ug/ml
7) T n-Hexadecane (C16)	9.017	7630403	52.451 ug/ml
8) T n-Octadecane (C18)	10.453	7519427	50.533 ug/ml
10) T n-Eicosane (C20)	11.756	7179556	49.091 ug/ml
11) T n-Heneicosane (C21)	12.365	6992622	47.595 ug/ml
13) T n-Docosane (C22)	12.949	6894566	47.214 ug/ml
14) T n-Tetracosane (C24)	14.047	6557648	45.025 ug/ml
15) T n-Hexacosane (C26)	15.064	6184111	44.091 ug/mlm
16) T n-Octacosane (C28)	16.010	6139231	45.266 ug/mlm
17) T n-Tricontane (C30)	16.898	5995854	45.884 ug/mlm
18) T n-Dotriacontane (C32)	17.725	6041790	48.546 ug/mlm
19) T n-Tetratriacontane (C34)	18.509	5526281	45.754 ug/mlm
20) T n-Hexatriacontane (C36)	19.246	4833367	42.028 ug/mlm
21) T n-Octatriacontane (C38)	19.960	4545665	40.724 ug/mlm
22) T n-Tetracontane (C40)	20.812	4579349	40.189 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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