

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011425AL\
 Data File : FE051918.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jan 2025 16:12
 Operator : YP\AJ
 Sample : Q1076-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0006MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/15/2025
 Supervised By :Ankita Jodhani 01/15/2025

Integration File: autoint1.e
 Quant Time: Jan 15 01:27:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 13:43:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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)	12.160	5038363	34.759 ug/mlm
Spiked Amount 50.000		Recovery =	69.52%
12) S 1-chlorooctadecane (S...	13.586	4204962	36.594 ug/mlm
Spiked Amount 50.000		Recovery =	73.19%
Target Compounds			
1) T n-Nonane (C9)	3.571	2859224	25.886 ug/ml
2) T n-Decane (C10)	4.812	3435119	30.187 ug/ml
3) T A~Naphthalene (C11.7)	6.516	4440510	34.818 ug/ml
4) T n-Dodecane (C12)	6.961	4105964	34.964 ug/ml
5) T A~2-methylnaphthalene...	7.606	4428758	35.386 ug/ml
6) T n-Tetradecane (C14)	8.784	4794101	39.985 ug/mlm
7) T n-Hexadecane (C16)	10.388	5020112	39.228 ug/mlm
8) T n-Octadecane (C18)	11.834	5290293	39.757 ug/mlm
10) T n-Eicosane (C20)	13.140	5562822	42.278 ug/mlm
11) T n-Heneicosane (C21)	13.749	5968484	45.414 ug/mlm
13) T n-Docosane (C22)	14.335	4938366	37.643 ug/mlm
14) T n-Tetracosane (C24)	15.437	9853323	74.389 ug/mlm
15) T n-Hexacosane (C26)	16.456	4833915	36.841 ug/ml
16) T n-Octacosane (C28)	17.402	4709623	36.476 ug/ml
17) T n-Tricontane (C30)	18.290	4663325	35.473 ug/ml
18) T n-Dotriacontane (C32)	19.119	4475326	35.265 ug/mlm
19) T n-Tetratriacontane (C34)	19.901	4118268	37.065 ug/ml
20) T n-Hexatriacontane (C36)	20.636	3660980	37.108 ug/mlm
21) T n-Octatriacontane (C38)	21.425	3629215	38.331 ug/mlm
22) T n-Tetracontane (C40)	22.435	3454094	37.523 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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