

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011425AL\
 Data File : FE051919.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jan 2025 16:42
 Operator : YP\AJ
 Sample : Q1076-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0006MSD

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 01:28:25 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	5086929	35.094 ug/mlm
Spiked Amount 50.000		Recovery =	70.19%
12) S 1-chlorooctadecane (S...	13.585	4343770	37.802 ug/mlm
Spiked Amount 50.000		Recovery =	75.60%
Target Compounds			
1) T n-Nonane (C9)	3.571	2824817	25.575 ug/ml
2) T n-Decane (C10)	4.812	3400096	29.880 ug/ml
3) T A~Naphthalene (C11.7)	6.516	4406669	34.552 ug/ml
4) T n-Dodecane (C12)	6.961	4068373	34.644 ug/ml
5) T A~2-methylnaphthalene...	7.606	4398867	35.147 ug/ml
6) T n-Tetradecane (C14)	8.784	4825611	40.248 ug/ml
7) T n-Hexadecane (C16)	10.389	5064206	39.573 ug/mlm
8) T n-Octadecane (C18)	11.832	5390195	40.508 ug/mlm
10) T n-Eicosane (C20)	13.141	5540127	42.105 ug/mlm
11) T n-Heneicosane (C21)	13.751	5980188	45.503 ug/mlm
13) T n-Docosane (C22)	14.335	4961644	37.821 ug/mlm
14) T n-Tetracosane (C24)	15.438	9765862	73.728 ug/ml
15) T n-Hexacosane (C26)	16.455	4804065	36.613 ug/ml
16) T n-Octacosane (C28)	17.401	4750583	36.793 ug/ml
17) T n-Tricontane (C30)	18.289	4565280	34.727 ug/ml
18) T n-Dotriacontane (C32)	19.118	4397785	34.654 ug/mlm
19) T n-Tetratriacontane (C34)	19.900	4045692	36.412 ug/ml
20) T n-Hexatriacontane (C36)	20.638	3578190	36.269 ug/ml
21) T n-Octatriacontane (C38)	21.425	3579673	37.808 ug/ml
22) T n-Tetracontane (C40)	22.431	3379040	36.708 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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