

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051969.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 16:18
 Operator : YP\AJ
 Sample : Q1132-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-1-011725MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/21/2025

Supervised By :Ankita Jodhani 01/21/2025

Integration File: sample.E

Quant Time: Jan 21 01:04:26 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M

Quant Title : GC Extractables

QLast Update : Thu Jan 16 16:05:07 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)	12.211	3814667	26.690 ug/ml
Spiked Amount 50.000		Recovery =	53.38%
12) S 1-chlorooctadecane (S...	13.631	3241846	28.260 ug/ml
Spiked Amount 50.000		Recovery =	56.52%
Target Compounds			
1) T n-Nonane (C9)	3.661	2610920	24.490 ug/ml
2) T n-Decane (C10)	4.894	3043910	27.804 ug/ml
3) T A~Naphthalene (C11.7)	6.594	3908326	32.163 ug/ml
4) T n-Dodecane (C12)	7.031	3592931	31.834 ug/ml
5) T A~2-methylnaphthalene...	7.679	3909843	32.750 ug/ml
6) T n-Tetradecane (C14)	8.846	4122262	35.442 ug/mlm
7) T n-Hexadecane (C16)	10.443	4322686	34.274 ug/ml
8) T n-Octadecane (C18)	11.880	4400584	33.260 ug/ml
10) T n-Eicosane (C20)	13.185	4548700	34.698 ug/ml
11) T n-Heneicosane (C21)	13.794	4339218	33.337 ug/mlm
13) T n-Docosane (C22)	14.379	4325756	32.962 ug/ml
14) T n-Tetracosane (C24)	15.481	8216503	61.857 ug/mlm
15) T n-Hexacosane (C26)	16.497	4058195	30.701 ug/mlm
16) T n-Octacosane (C28)	17.441	4019320	30.453 ug/ml
17) T n-Tricontane (C30)	18.327	4404319	32.304 ug/ml
18) T n-Dotriacontane (C32)	19.157	4011680	30.611 ug/mlm
19) T n-Tetratriacontane (C34)	19.939	3756974	33.371 ug/mlm
20) T n-Hexatriacontane (C36)	20.675	3461545	36.444 ug/mlm
21) T n-Octatriacontane (C38)	21.476	3439576	39.818 ug/mlm
22) T n-Tetracontane (C40)	22.500	3280836	39.811 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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