

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012025AL\
 Data File : FE051970.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jan 2025 16:49
 Operator : YP\AJ
 Sample : Q1132-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-1-011725MSD

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 01:04:55 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)	12.215	3848436	26.926 ug/ml
Spiked Amount 50.000		Recovery =	53.85%
12) S 1-chlorooctadecane (S...	13.578	4393006	38.295 ug/ml
Spiked Amount 50.000		Recovery =	76.59%
Target Compounds			
1) T n-Nonane (C9)	3.665f	2654978	24.903 ug/ml
2) T n-Decane (C10)	4.897	3087974	28.206 ug/ml
3) T A~Naphthalene (C11.7)	6.599	3965130	32.630 ug/ml
4) T n-Dodecane (C12)	7.035	3633161	32.190 ug/ml
5) T A~2-methylnaphthalene...	7.683	3954724	33.126 ug/ml
6) T n-Tetradecane (C14)	8.850	4181967	35.956 ug/ml
7) T n-Hexadecane (C16)	10.447	4357003	34.546 ug/ml
8) T n-Octadecane (C18)	11.884	4445050	33.597 ug/ml
10) T n-Eicosane (C20)	13.189	4603981	35.120 ug/ml
11) T n-Heneicosane (C21)	13.798	4354608	33.455 ug/ml
13) T n-Docosane (C22)	14.381	4366076	33.269 ug/ml
14) T n-Tetracosane (C24)	15.484	8326735	62.687 ug/mlm
15) T n-Hexacosane (C26)	16.497	4104798	31.053 ug/mlm
16) T n-Octacosane (C28)	17.445	4075518	30.879 ug/ml
17) T n-Tricontane (C30)	18.331	4287782	31.449 ug/mlm
18) T n-Dotriacontane (C32)	19.160	4090482	31.212 ug/mlm
19) T n-Tetratriacontane (C34)	19.941	3855054	34.242 ug/ml
20) T n-Hexatriacontane (C36)	20.677	3506695	36.920 ug/mlm
21) T n-Octatriacontane (C38)	21.477	3746698	43.373 ug/mlm
22) T n-Tetracontane (C40)	22.498	3450631	41.871 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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