

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053596.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 19:43
 Operator : YP\AJ
 Sample : Q1912-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-FMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/01/2025

Supervised By :mohammad ahmed 05/02/2025

Integration File: autoint1.e

Quant Time: May 01 01:50:02 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M

Quant Title : GC Extractables

QLast Update : Tue Apr 29 06:49:03 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)	11.870	5410264	29.997 ug/ml
Spiked Amount 50.000		Recovery =	59.99%
12) S 1-chlorooctadecane (S...	13.313	4753254	35.164 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
Target Compounds			
1) T n-Nonane (C9)	3.217	3393460	24.751 ug/ml
2) T n-Decane (C10)	4.477	3801282	27.479 ug/mlm
3) T A~Naphthalene (C11.7)	6.188	4774297	31.629 ug/ml
4) T n-Dodecane (C12)	6.656	4182364	29.821 ug/ml
5) T A~2-methylnaphthalene...	7.290	5033539	33.713 ug/ml
6) T n-Tetradecane (C14)	8.494	4879361	34.781 ug/ml
7) T n-Hexadecane (C16)	10.106	5569580	38.860 ug/ml
8) T n-Octadecane (C18)	11.555	5071486	34.800 ug/ml
10) T n-Eicosane (C20)	12.869	6556847	45.060 ug/ml
11) T n-Heneicosane (C21)	13.482	5632706	38.888 ug/ml
13) T n-Docosane (C22)	14.069	5376328	37.257 ug/mlm
14) T n-Tetracosane (C24)	15.165	11857889	82.553 ug/ml
15) T n-Hexacosane (C26)	16.200	5226074	36.900 ug/ml
16) T n-Octacosane (C28)	17.151	5386133	38.714 ug/ml
17) T n-Tricontane (C30)	18.041	4732378	33.998 ug/ml
18) T n-Dotriacontane (C32)	18.874	4573613	33.309 ug/ml
19) T n-Tetratriacontane (C34)	19.658	4770857	36.616 ug/ml
20) T n-Hexatriacontane (C36)	20.400	4454304	35.283 ug/ml
21) T n-Octatriacontane (C38)	21.134	4428091	36.346 ug/ml
22) T n-Tetracontane (C40)	22.038	4667449	39.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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