

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053671.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 16:32
 Operator : YP\AJ
 Sample : Q1951-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-KKMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/07/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File: sample.E

Quant Time: May 07 03:27:53 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)	11.864	4776388	26.482 ug/ml
Spiked Amount 50.000		Recovery =	52.96%
12) S 1-chlorooctadecane (S...	13.308	3786130	28.009 ug/ml
Spiked Amount 50.000		Recovery =	56.02%
Target Compounds			
1) T n-Nonane (C9)	3.212	4538524	33.103 ug/ml
2) T n-Decane (C10)	4.474	5086650	36.770 ug/mlm
3) T A~Naphthalene (C11.7)	6.184	6144983	40.710 ug/ml
4) T n-Dodecane (C12)	6.653	5508243	39.275 ug/ml
5) T A~2-methylnaphthalene...	7.286	5831010	39.055 ug/ml
6) T n-Tetradecane (C14)	8.490	6005883	42.811 ug/ml
7) T n-Hexadecane (C16)	10.102	6507167	45.402 ug/ml
8) T n-Octadecane (C18)	11.550	6743607	46.273 ug/ml
10) T n-Eicosane (C20)	12.865	6965358	47.868 ug/ml
11) T n-Heneicosane (C21)	13.478	6651882	45.924 ug/ml
13) T n-Docosane (C22)	14.066	6614237	45.836 ug/ml
14) T n-Tetracosane (C24)	15.161	13208902	91.958 ug/ml
15) T n-Hexacosane (C26)	16.196	6338559	44.755 ug/ml
16) T n-Octacosane (C28)	17.146	6529910	46.935 ug/ml
17) T n-Tricontane (C30)	18.038	6086635	43.727 ug/ml
18) T n-Dotriacontane (C32)	18.870	6003468	43.723 ug/ml
19) T n-Tetratriacontane (C34)	19.656	5879553	45.125 ug/ml
20) T n-Hexatriacontane (C36)	20.397	5736372	45.438 ug/ml
21) T n-Octatriacontane (C38)	21.130	5523419	45.337 ug/ml
22) T n-Tetracontane (C40)	22.035	5583422	46.754 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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