

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032525AL\
 Data File : FE052960.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2025 16:55
 Operator : YP\AJ
 Sample : Q1634-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HR-01-032425MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/26/2025

Supervised By :mohammad ahmed 03/27/2025

Integration File: autoint1.e

Quant Time: Mar 26 03:25:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M

Quant Title : GC Extractables

QLast Update : Mon Mar 03 13:39:39 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)	11.908	4925864	29.219 ug/mlm
Spiked Amount 50.000		Recovery =	58.44%
12) S 1-chlorooctadecane (S...	13.352	3568209	29.386 ug/ml
Spiked Amount 50.000		Recovery =	58.77%
Target Compounds			
1) T n-Nonane (C9)	3.248	3706881	23.908 ug/ml
2) T n-Decane (C10)	4.510	4680283	29.793 ug/ml
3) T A~Naphthalene (C11.7)	6.224	5793709	34.163 ug/ml
4) T n-Dodecane (C12)	6.692	7959609	51.122 ug/ml
5) T A~2-methylnaphthalene...	7.327	6914348	42.666 ug/ml
6) T n-Tetradecane (C14)	8.532	9378363	61.981 ug/mlm
7) T n-Hexadecane (C16)	10.146	10074434	65.894 ug/mlm
8) T n-Octadecane (C18)	11.595	9097963	59.799 ug/mlm
10) T n-Eicosane (C20)	12.909	8203270	56.506 ug/ml
11) T n-Heneicosane (C21)	13.522	6927813	48.675 ug/ml
13) T n-Docosane (C22)	14.110	5914466	41.561 ug/ml
14) T n-Tetracosane (C24)	15.206	9330271	65.197 ug/ml
15) T n-Hexacosane (C26)	16.241	4825678	33.937 ug/ml
16) T n-Octacosane (C28)	17.195	4775268	33.582 ug/ml
17) T n-Tricontane (C30)	18.086	5053922	34.217 ug/ml
18) T n-Dotriacontane (C32)	18.922	4809033	33.125 ug/ml
19) T n-Tetratriacontane (C34)	19.709	5136615	38.111 ug/ml
20) T n-Hexatriacontane (C36)	20.452	4748886	39.966 ug/ml
21) T n-Octatriacontane (C38)	21.198	4752004	42.835 ug/ml
22) T n-Tetracontane (C40)	22.123	5058768	46.790 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

