

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053049.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 17:38
 Operator : YP\AJ
 Sample : Q1657-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11998MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/31/2025

Supervised By :mohammad ahmed 04/01/2025

Integration File: autoint1.e

Quant Time: Mar 28 22:56:01 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)	11.900	4915862	29.159 ug/ml
Spiked Amount 50.000		Recovery =	58.32%
12) S 1-chlorooctadecane (S...	13.344	4880218	40.191 ug/ml
Spiked Amount 50.000		Recovery =	80.38%
Target Compounds			
1) T n-Nonane (C9)	3.236	3706343	23.904 ug/ml
2) T n-Decane (C10)	4.502	4134954	26.321 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5113530	30.152 ug/ml
4) T n-Dodecane (C12)	6.684	4765554	30.607 ug/ml
5) T A~2-methylnaphthalene...	7.318	4935650	30.456 ug/ml
6) T n-Tetradecane (C14)	8.522	5347179	35.339 ug/ml
7) T n-Hexadecane (C16)	10.136	7382948	48.290 ug/ml
8) T n-Octadecane (C18)	11.583	5511929	36.229 ug/ml
10) T n-Eicosane (C20)	12.898	5799055	39.945 ug/ml
11) T n-Heneicosane (C21)	13.512	5454613	38.324 ug/ml
13) T n-Docosane (C22)	14.099	5646746	39.679 ug/ml
14) T n-Tetracosane (C24)	15.194	11448572	79.999 ug/ml
15) T n-Hexacosane (C26)	16.230	4910220	34.532 ug/ml
16) T n-Octacosane (C28)	17.182	4896736	34.437 ug/ml
17) T n-Tricontane (C30)	18.072	4987155	33.765 ug/ml
18) T n-Dotriacontane (C32)	18.904	4927455	33.940 ug/ml
19) T n-Tetratriacontane (C34)	19.690	5092334	37.783 ug/ml
20) T n-Hexatriacontane (C36)	20.431	5073082	42.694 ug/mlm
21) T n-Octatriacontane (C38)	21.173	5244248	47.273 ug/mlm
22) T n-Tetracontane (C40)	22.088	5030746	46.531 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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