

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053048.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 17:08
 Operator : YP\AJ
 Sample : Q1657-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

72-11998MS

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 22:55:35 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	4978031	29.528 ug/ml
Spiked Amount 50.000		Recovery =	59.06%
12) S 1-chlorooctadecane (S...	13.344	4888797	40.261 ug/ml
Spiked Amount 50.000		Recovery =	80.52%
Target Compounds			
1) T n-Nonane (C9)	3.237	3661637	23.616 ug/ml
2) T n-Decane (C10)	4.502	4094378	26.063 ug/ml
3) T A~Naphthalene (C11.7)	6.215	5046423	29.756 ug/ml
4) T n-Dodecane (C12)	6.684	4717900	30.301 ug/ml
5) T A~2-methylnaphthalene...	7.318	4866618	30.030 ug/ml
6) T n-Tetradecane (C14)	8.522	5291320	34.970 ug/ml
7) T n-Hexadecane (C16)	10.136	7277587	47.601 ug/ml
8) T n-Octadecane (C18)	11.584	5718163	37.585 ug/ml
10) T n-Eicosane (C20)	12.899	5823270	40.112 ug/ml
11) T n-Heneicosane (C21)	13.512	5399770	37.939 ug/ml
13) T n-Docosane (C22)	14.099	5570920	39.147 ug/ml
14) T n-Tetracosane (C24)	15.195	11275450	78.789 ug/ml
15) T n-Hexacosane (C26)	16.231	4815507	33.866 ug/ml
16) T n-Octacosane (C28)	17.182	4813019	33.848 ug/ml
17) T n-Tricontane (C30)	18.072	4908072	33.230 ug/ml
18) T n-Dotriacontane (C32)	18.905	4850284	33.409 ug/ml
19) T n-Tetratriacontane (C34)	19.691	4999414	37.093 ug/ml
20) T n-Hexatriacontane (C36)	20.431	4993091	42.021 ug/mlm
21) T n-Octatriacontane (C38)	21.170	5149441	46.418 ug/mlm
22) T n-Tetracontane (C40)	22.088	4913260	45.444 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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