

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056101.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 21:49
 Operator : YP\AJ
 Sample : Q3249-20MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-20(0-0.5)RMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/01/2025
 Supervised By :mohammad ahmed 10/03/2025

Integration File: autoint1.e
 Quant Time: Oct 01 04:06:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.075	4566241	24.334 ug/ml
Spiked Amount 50.000		Recovery =	48.67%
12) S 1-chlorooctadecane (S...	13.511	4050203	29.020 ug/ml
Spiked Amount 50.000		Recovery =	58.04%
Target Compounds			
1) T n-Nonane (C9)	3.413	2275036	16.607 ug/ml
2) T n-Decane (C10)	4.673	2696350	19.320 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3732858	23.379 ug/ml
4) T n-Dodecane (C12)	6.848	3365730	23.450 ug/ml
5) T A~2-methylnaphthalene...	7.493	4065652	26.143 ug/ml
6) T n-Tetradecane (C14)	8.685	4155162	28.105 ug/ml
7) T n-Hexadecane (C16)	10.299	4773827	30.041 ug/ml
8) T n-Octadecane (C18)	11.748	5182676	30.597 ug/ml
10) T n-Eicosane (C20)	13.064	5496421	33.158 ug/ml
11) T n-Heneicosane (C21)	13.678	5417827	33.342 ug/ml
13) T n-Docosane (C22)	14.266	5512950	34.501 ug/ml
14) T n-Tetracosane (C24)	15.373	9124738	59.881 ug/ml
15) T n-Hexacosane (C26)	16.397	4463001	31.291 ug/ml
16) T n-Octacosane (C28)	17.349	4418761	31.720 ug/ml
17) T n-Tricontane (C30)	18.238	4360515	29.427 ug/mlm
18) T n-Dotriacontane (C32)	19.073	4569705	30.628 ug/ml
19) T n-Tetratriacontane (C34)	19.860	4603431	32.544 ug/ml
20) T n-Hexatriacontane (C36)	20.601	4623965	36.020 ug/ml
21) T n-Octatriacontane (C38)	21.379	4924671	37.495 ug/ml
22) T n-Tetracontane (C40)	22.369	4865408	40.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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