

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091725AL\
 Data File : FE055879.D
 Signal(s) : FID1B.ch
 Acq On : 17 Sep 2025 17:39
 Operator : YP\AJ
 Sample : Q3115-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-05-09162025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/18/2025
 Supervised By :mohammad ahmed 09/19/2025

Integration File: autoint1.e
 Quant Time: Sep 18 01:30:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.074	6532606	39.764 ug/ml
Spiked Amount 50.000		Recovery =	79.53%
12) S 1-chlorooctadecane (S...	13.510	5027109	40.202 ug/ml
Spiked Amount 50.000		Recovery =	80.40%
Target Compounds			
1) T n-Nonane (C9)	3.410	4259985	33.569 ug/ml
2) T n-Decane (C10)	4.669	4861345	37.950 ug/ml
3) T A~Naphthalene (C11.7)	6.388	6348677	43.697 ug/ml
4) T n-Dodecane (C12)	6.845	5836758	44.825 ug/ml
5) T A~2-methylnaphthalene...	7.490	6689769	47.563 ug/ml
6) T n-Tetradecane (C14)	8.684	7220752	54.830 ug/ml
7) T n-Hexadecane (C16)	10.298	8260903	59.647 ug/ml
8) T n-Octadecane (C18)	11.748	8754926	60.023 ug/ml
10) T n-Eicosane (C20)	13.064	8812962	61.224 ug/ml
11) T n-Heneicosane (C21)	13.678	8167400	57.177 ug/ml
13) T n-Docosane (C22)	14.266	7780906	54.357 ug/ml
14) T n-Tetracosane (C24)	15.373	13616060	94.100 ug/ml
15) T n-Hexacosane (C26)	16.398	6526706	45.685 ug/ml
16) T n-Octacosane (C28)	17.350	6319180	44.427 ug/ml
17) T n-Tricontane (C30)	18.240	6465107	43.737 ug/mlm
18) T n-Dotriacontane (C32)	19.075	6684644	45.543 ug/ml
19) T n-Tetratriacontane (C34)	19.861	7035641	49.797 ug/ml
20) T n-Hexatriacontane (C36)	20.603	7012587	53.143 ug/ml
21) T n-Octatriacontane (C38)	21.379	7340430	56.361 ug/mlm
22) T n-Tetracontane (C40)	22.367	6918331	53.948 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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