

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091225AL\
 Data File : FE055813.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 20:55
 Operator : YP\AJ
 Sample : Q3082-07MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2025
 Supervised By :mohammad ahmed 09/16/2025

Integration File: autoint1.e
 Quant Time: Sep 13 04:46:48 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)	12.070	4884322	29.731 ug/mlm
Spiked Amount 50.000		Recovery =	59.46%
12) S 1-chlorooctadecane (S...	13.507	3844204	30.743 ug/ml
Spiked Amount 50.000		Recovery =	61.49%
Target Compounds			
1) T n-Nonane (C9)	3.411	3690842	29.084 ug/ml
2) T n-Decane (C10)	4.670	4139476	32.315 ug/ml
3) T A~Naphthalene (C11.7)	6.387	5189925	35.722 ug/ml
4) T n-Dodecane (C12)	6.844	4761602	36.568 ug/ml
5) T A~2-methylnaphthalene...	7.488	5274998	37.504 ug/ml
6) T n-Tetradecane (C14)	8.682	5593512	42.474 ug/ml
7) T n-Hexadecane (C16)	10.297	6316245	45.606 ug/ml
8) T n-Octadecane (C18)	11.746	6413474	43.970 ug/mlm
10) T n-Eicosane (C20)	13.061	6562032	45.587 ug/ml
11) T n-Heneicosane (C21)	13.674	6099418	42.700 ug/mlm
13) T n-Docosane (C22)	14.263	5955168	41.603 ug/ml
14) T n-Tetracosane (C24)	15.370	11639893	80.443 ug/ml
15) T n-Hexacosane (C26)	16.395	5351400	37.458 ug/ml
16) T n-Octacosane (C28)	17.345	5240483	36.843 ug/ml
17) T n-Tricontane (C30)	18.235	5506659	37.253 ug/ml
18) T n-Dotriacontane (C32)	19.069	5601211	38.162 ug/ml
19) T n-Tetratriacontane (C34)	19.855	5753314	40.721 ug/ml
20) T n-Hexatriacontane (C36)	20.596	5789039	43.871 ug/ml
21) T n-Octatriacontane (C38)	21.371	5850666	44.922 ug/ml
22) T n-Tetracontane (C40)	22.357	5778327	45.058 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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