

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090425AL\
 Data File : FE055666.D
 Signal(s) : FID1B.ch
 Acq On : 04 Sep 2025 16:31
 Operator : YP\AJ
 Sample : Q3011-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/05/2025
 Supervised By :mohammad ahmed 09/08/2025

Integration File: autoint1.e
 Quant Time: Sep 05 01:26:55 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	5372251	32.701 ug/ml
Spiked Amount 50.000		Recovery =	65.40%
12) S 1-chlorooctadecane (S...	13.511	4201650	33.601 ug/ml
Spiked Amount 50.000		Recovery =	67.20%
Target Compounds			
1) T n-Nonane (C9)	3.426	5434629	42.826 ug/ml
2) T n-Decane (C10)	4.678	5728439	44.719 ug/ml
3) T A~Naphthalene (C11.7)	6.392	6798353	46.792 ug/ml
4) T n-Dodecane (C12)	6.848	6065942	46.585 ug/ml
5) T A~2-methylnaphthalene...	7.492	6338076	45.063 ug/ml
6) T n-Tetradecane (C14)	8.685	6368028	48.355 ug/ml
7) T n-Hexadecane (C16)	10.299	6711475	48.459 ug/ml
8) T n-Octadecane (C18)	11.749	6759005	46.339 ug/ml
10) T n-Eicosane (C20)	13.064	6852538	47.605 ug/ml
11) T n-Heneicosane (C21)	13.678	6426370	44.989 ug/ml
13) T n-Docosane (C22)	14.266	6281024	43.879 ug/ml
14) T n-Tetracosane (C24)	15.373	12412798	85.784 ug/ml
15) T n-Hexacosane (C26)	16.398	5853455	40.973 ug/ml
16) T n-Octacosane (C28)	17.349	5914666	41.583 ug/mlm
17) T n-Tricontane (C30)	18.239	5997606	40.574 ug/ml
18) T n-Dotriacontane (C32)	19.073	5985983	40.783 ug/ml
19) T n-Tetratriacontane (C34)	19.858	6135297	43.425 ug/ml
20) T n-Hexatriacontane (C36)	20.600	6316481	47.868 ug/ml
21) T n-Octatriacontane (C38)	21.379	6535594	50.181 ug/ml
22) T n-Tetracontane (C40)	22.364	6249873	48.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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