

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072925AL\
 Data File : FE055072.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jul 2025 17:27
 Operator : YP\AJ
 Sample : Q2709-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 7211935-295MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2025
 Supervised By :mohammad ahmed 07/31/2025

Integration File: sample.E
 Quant Time: Jul 30 00:25:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 072625.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 26 03:55:28 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)	12.092	5733564	38.735 ug/mlm
Spiked Amount 50.000		Recovery =	77.47%
12) S 1-chlorooctadecane (S...	13.527	4617008	41.229 ug/ml
Spiked Amount 50.000		Recovery =	82.46%
Target Compounds			
1) T n-Nonane (C9)	3.425	3561253	29.333 ug/ml
2) T n-Decane (C10)	4.684	4083718	32.994 ug/ml
3) T A~Naphthalene (C11.7)	6.403	5326562	37.424 ug/ml
4) T n-Dodecane (C12)	6.860	4809094	37.943 ug/ml
5) T A~2-methylnaphthalene...	7.505	5398837	39.071 ug/ml
6) T n-Tetradecane (C14)	8.699	5633903	42.906 ug/ml
7) T n-Hexadecane (C16)	10.314	6301063	46.840 ug/ml
8) T n-Octadecane (C18)	11.765	6318906	46.427 ug/mlm
10) T n-Eicosane (C20)	13.081	6755423	51.911 ug/ml
11) T n-Heneicosane (C21)	13.694	6278314	49.371 ug/mlm
13) T n-Docosane (C22)	14.282	6362172	50.418 ug/ml
14) T n-Tetracosane (C24)	15.390	12896915	102.908 ug/ml
15) T n-Hexacosane (C26)	16.413	6087027	49.270 ug/ml
16) T n-Octacosane (C28)	17.363	6037117	48.700 ug/ml
17) T n-Tricontane (C30)	18.255	6191272	47.245 ug/ml
18) T n-Dotriacontane (C32)	19.087	6182310	47.417 ug/ml
19) T n-Tetratriacontane (C34)	19.873	6421589	51.798 ug/ml
20) T n-Hexatriacontane (C36)	20.613	6269500	54.576 ug/ml
21) T n-Octatriacontane (C38)	21.396	6493816	57.779 ug/ml
22) T n-Tetracontane (C40)	22.389	6390553	57.956 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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