

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071125AL\  
 Data File : FC069426.D  
 Signal(s) : FID1A.ch  
 Acq On : 11 Jul 2025 18:54  
 Operator : YP/AJ  
 Sample : Q2571-05MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 TP-17MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/14/2025  
 Supervised By :mohammad ahmed 07/15/2025

Integration File: autoint1.e  
 Quant Time: Jul 11 23:04:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 14:24:27 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)    | 11.672 | 4532846    | 26.238 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 52.48%       |
| 12) S 1-chlorooctadecane (S... | 13.108 | 3684810    | 28.205 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 56.41%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.402  | 3688830    | 25.938 ug/ml |
| 2) T n-Decane (C10)            | 4.477  | 4201415    | 28.699 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.071  | 5433078    | 33.768 ug/ml |
| 4) T n-Dodecane (C12)          | 6.502  | 4750116    | 31.369 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.131  | 5446002    | 34.414 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.303  | 5337713    | 34.436 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.906  | 5780941    | 35.376 ug/ml |
| 8) T n-Octadecane (C18)        | 11.351 | 5780045    | 35.402 ug/ml |
| 10) T n-Eicosane (C20)         | 12.663 | 5977028    | 39.158 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.276 | 5563960    | 37.749 ug/ml |
| 13) T n-Docosane (C22)         | 13.863 | 5659225    | 39.332 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.962 | 11304871   | 81.960 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.991 | 4967707    | 38.002 ug/ml |
| 16) T n-Octacosane (C28)       | 16.941 | 4890459    | 39.654 ug/ml |
| 17) T n-Tricontane (C30)       | 17.830 | 4608823    | 38.768 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.663 | 4509773    | 41.246 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.447 | 4653382    | 48.188 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.189 | 4433681    | 53.799 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.954 | 4500749    | 60.226 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.922 | 4475100    | 63.193 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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