

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC100725AL\  
 Data File : FC069937.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Oct 2025 16:17  
 Operator : YP/AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e  
 Quant Time: Oct 07 09:27:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 07 09:26:41 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)    | 11.657 | 17428523   | 107.789 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 215.58%       |
| 12) S 1-chlorooctadecane (S... | 13.088 | 13491128   | 107.925 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 215.85%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.388  | 13511792   | 104.492 ug/ml |
| 2) T n-Decane (C10)            | 4.461  | 14269174   | 105.512 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.056  | 16109041   | 106.057 ug/ml |
| 4) T n-Dodecane (C12)          | 6.485  | 15390045   | 107.242 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.116  | 16083838   | 107.576 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.283  | 16089121   | 108.439 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.887  | 16927423   | 108.003 ug/ml |
| 8) T n-Octadecane (C18)        | 11.334 | 16924222   | 107.107 ug/ml |
| 10) T n-Eicosane (C20)         | 12.643 | 15851454   | 107.240 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.256 | 15332641   | 107.336 ug/ml |
| 13) T n-Docosane (C22)         | 13.843 | 14972967   | 107.364 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.946 | 14292557   | 107.227 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.967 | 13453877   | 107.130 ug/ml |
| 16) T n-Octacosane (C28)       | 16.919 | 12644771   | 107.096 ug/ml |
| 17) T n-Tricontane (C30)       | 17.806 | 12335576   | 107.079 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.639 | 11541380   | 106.981 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.422 | 10438103   | 106.669 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.162 | 9085745    | 105.941 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.920 | 8347689    | 106.483 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.873 | 8014744    | 106.647 ug/ml |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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