

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC073124AL\  
 Data File : FC066877.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Aug 2024 02:21  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 01 04:25:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 13:58:41 2024  
 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)    | 11.517 | 2890486    | 18.775 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.55%       |
| 12) S 1-chlorooctadecane (S... | 12.957 | 2139857    | 19.137 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.27%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.283  | 2755217    | 19.417 ug/ml |
| 2) T n-Decane (C10)            | 4.349  | 2827606    | 19.128 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.931  | 3014141    | 18.874 ug/ml |
| 4) T n-Dodecane (C12)          | 6.368  | 2814276    | 18.772 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.988  | 2873272    | 18.743 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.163  | 2723765    | 18.616 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.764  | 2763662    | 18.465 ug/ml |
| 8) T n-Octadecane (C18)        | 11.205 | 2744949    | 18.497 ug/ml |
| 10) T n-Eicosane (C20)         | 12.513 | 2593866    | 18.609 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.125 | 2529072    | 18.568 ug/ml |
| 13) T n-Docosane (C22)         | 13.711 | 2514856    | 18.723 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.813 | 2484235    | 18.677 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.834 | 2425247    | 18.639 ug/ml |
| 16) T n-Octacosane (C28)       | 16.783 | 2391168    | 18.954 ug/ml |
| 17) T n-Tricontane (C30)       | 17.670 | 2444548    | 19.010 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.503 | 2405752    | 19.109 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.286 | 2308876    | 18.663 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.025 | 2165751    | 18.618 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.755 | 2117191    | 19.055 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.650 | 2054876    | 18.902 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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