

Data Path : P:\HPCHEM1\FID\_C\Data\FC042418AL\  
 Data File : FC033571.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Apr 2018 15:50  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 27 13:49:03 2018  
 Quant Method : P:\HPCHEM1\FID\_C\Method\Alaphatic EPH 042418.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 24 20:41:39 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.438 | 3012305    | 19.397 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.79%       |
| 12) S 1-chlorooctadecane (S... | 12.872 | 2323116    | 19.781 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.56%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.252  | 2645499    | 19.379 ug/ml |
| 2) T n-Decane (C10)            | 4.317  | 2695826    | 19.401 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.886  | 3019000    | 19.458 ug/ml |
| 4) T n-Dodecane (C12)          | 6.325  | 2788843    | 19.413 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.934  | 3052101    | 19.470 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.108  | 2900347    | 19.396 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.698  | 2927563    | 19.425 ug/ml |
| 8) T n-Octadecane (C18)        | 11.131 | 2869351    | 19.416 ug/ml |
| 10) T n-Eicosane (C20)         | 12.433 | 2863370    | 19.490 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.041 | 2815252    | 19.526 ug/ml |
| 13) T n-Docosane (C22)         | 13.624 | 2785584    | 19.544 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.719 | 2695761    | 19.645 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.734 | 2589059    | 19.795 ug/ml |
| 16) T n-Octacosane (C28)       | 16.679 | 2542243    | 19.914 ug/ml |
| 17) T n-Tricontane (C30)       | 17.562 | 2422931    | 20.110 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.389 | 2356305    | 20.243 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.169 | 2213067    | 20.477 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.904 | 2072622    | 20.704 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.616 | 2037377    | 21.284 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.464 | 1989291    | 22.165 ug/ml |
| -----                          |        |            |              |

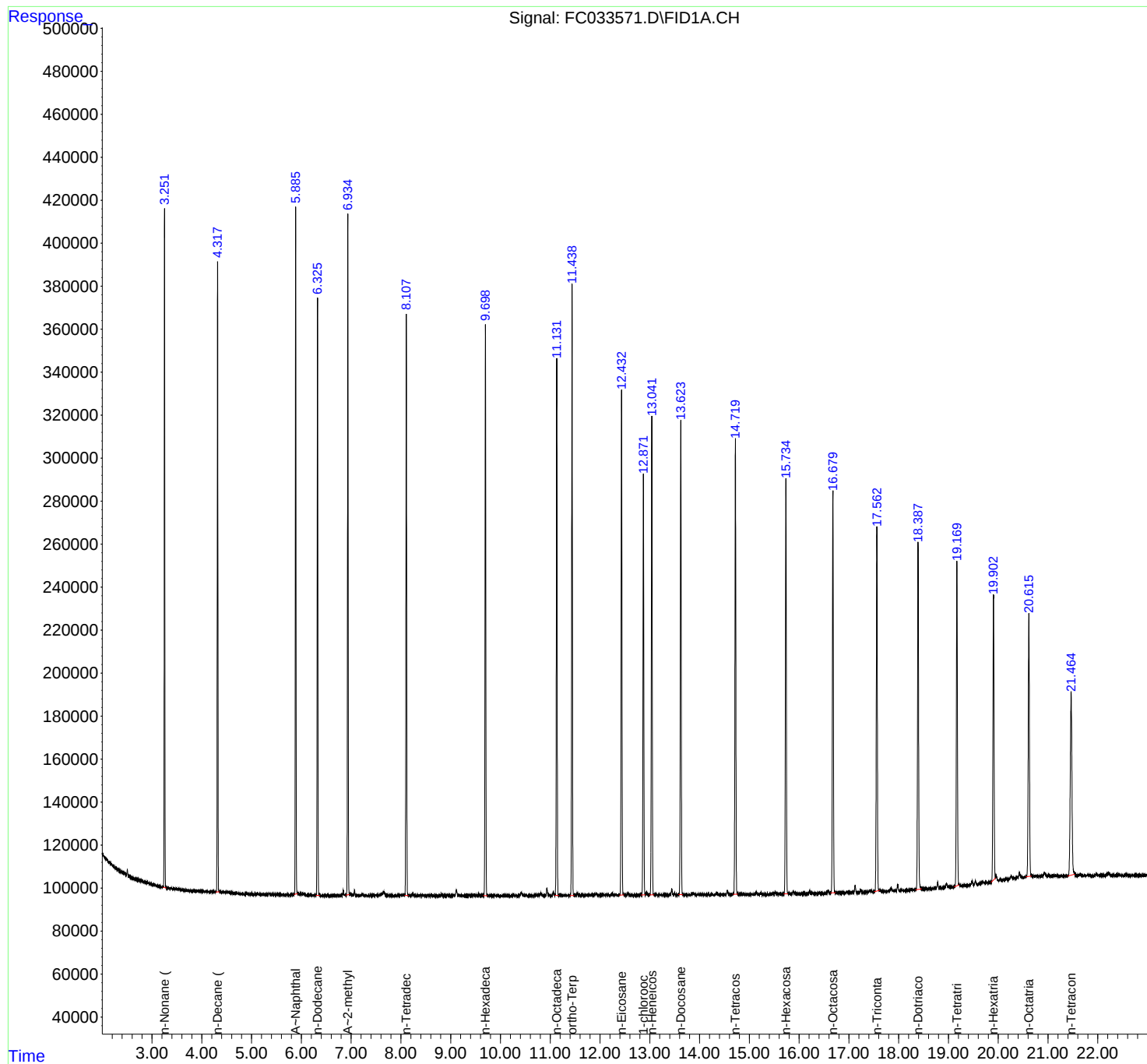
(f)=RT Delta > 1/2 Window

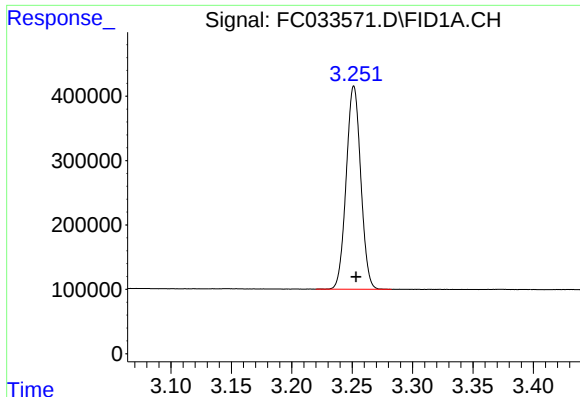
(m)=manual int.

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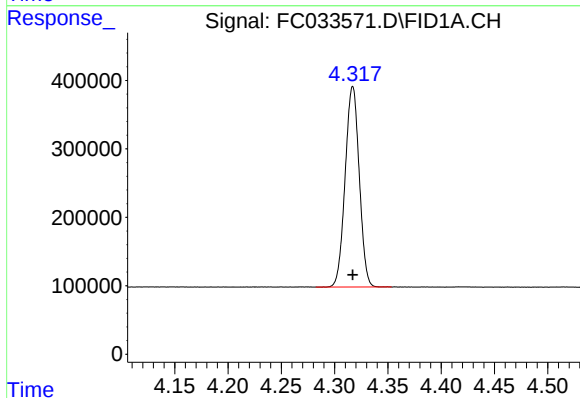
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





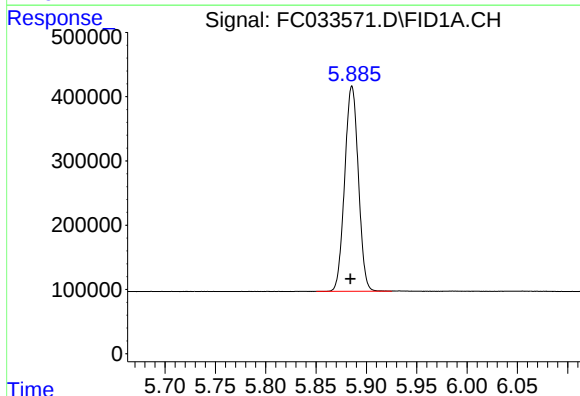
#1 n-Nonane (C9)

R.T.: 3.252 min  
Delta R.T.: -0.002 min  
Response: 2645499  
Conc: 19.38 ug/ml



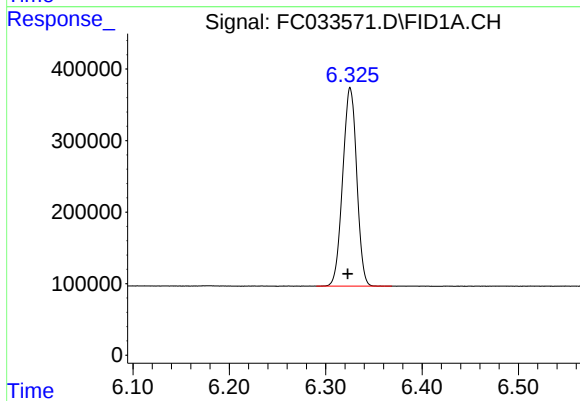
#2 n-Decane (C10)

R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 2695826  
Conc: 19.40 ug/ml



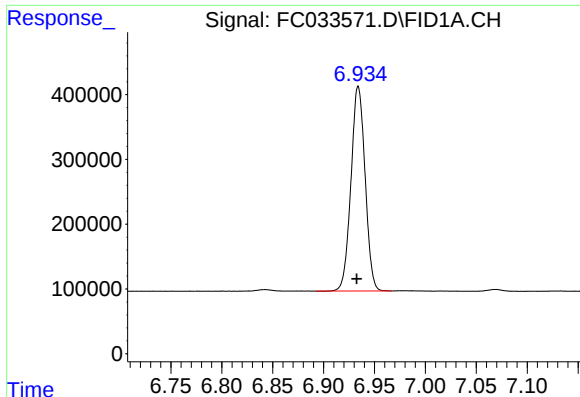
#3 A~Naphthalene (C11.7)

R.T.: 5.886 min  
Delta R.T.: 0.002 min  
Response: 3019000  
Conc: 19.46 ug/ml



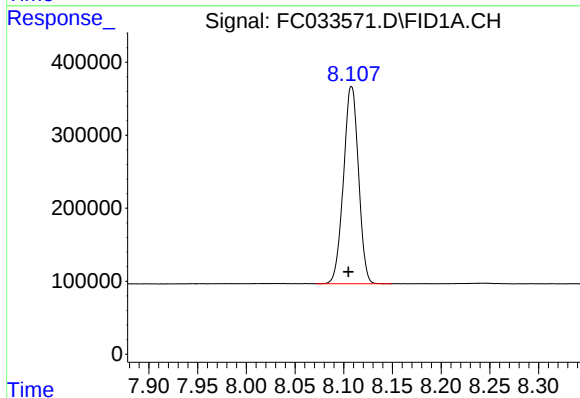
#4 n-Dodecane (C12)

R.T.: 6.325 min  
Delta R.T.: 0.003 min  
Response: 2788843  
Conc: 19.41 ug/ml



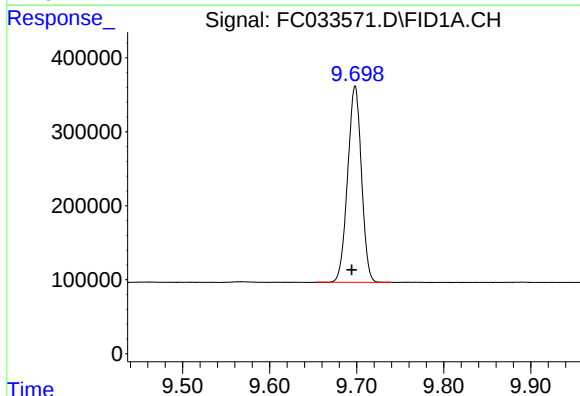
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.934 min  
Delta R.T.: 0.002 min  
Response: 3052101  
Conc: 19.47 ug/ml



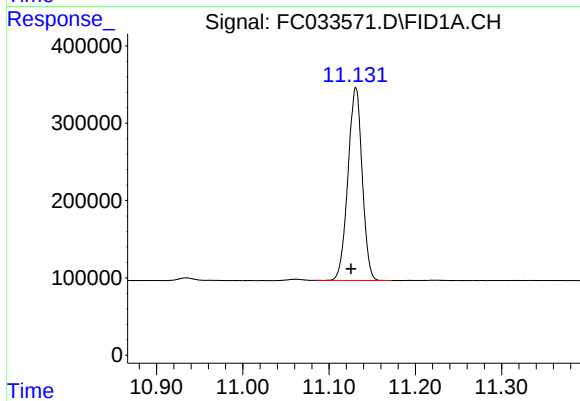
#6 n-Tetradecane (C14)

R.T.: 8.108 min  
Delta R.T.: 0.003 min  
Response: 2900347  
Conc: 19.40 ug/ml



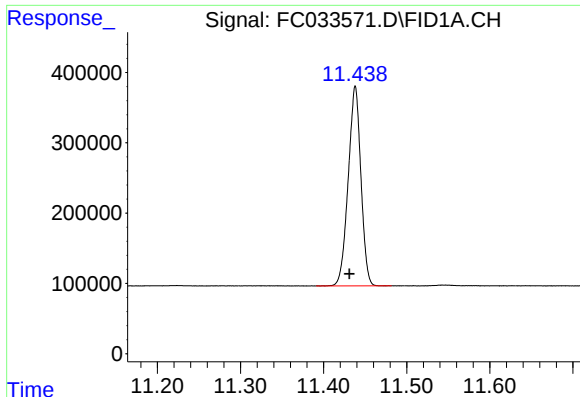
#7 n-Hexadecane (C16)

R.T.: 9.698 min  
Delta R.T.: 0.004 min  
Response: 2927563  
Conc: 19.43 ug/ml



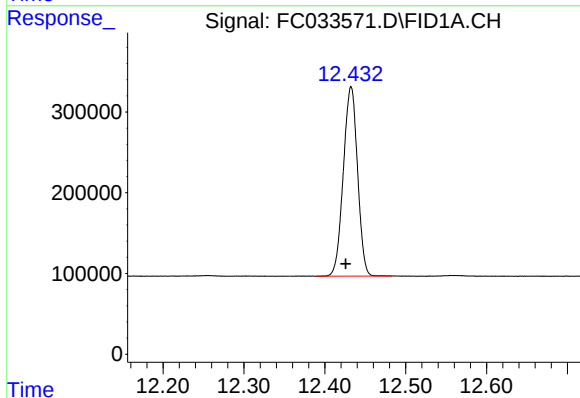
#8 n-Octadecane (C18)

R.T.: 11.131 min  
Delta R.T.: 0.006 min  
Response: 2869351  
Conc: 19.42 ug/ml



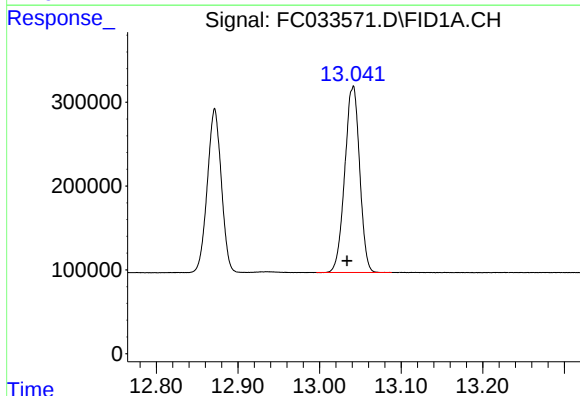
#9 ortho-Terphenyl (SURR)

R.T.: 11.438 min  
Delta R.T.: 0.007 min  
Response: 3012305  
Conc: 19.40 ug/ml



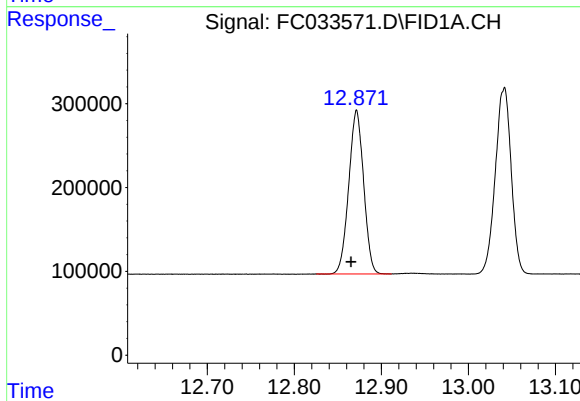
#10 n-Eicosane (C20)

R.T.: 12.433 min  
Delta R.T.: 0.007 min  
Response: 2863370  
Conc: 19.49 ug/ml



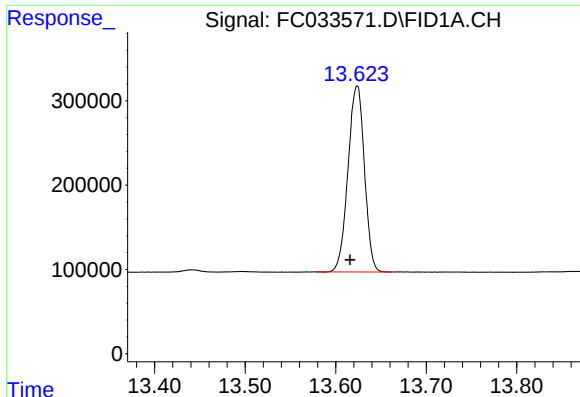
#11 n-Heneicosane (C21)

R.T.: 13.041 min  
Delta R.T.: 0.007 min  
Response: 2815252  
Conc: 19.53 ug/ml



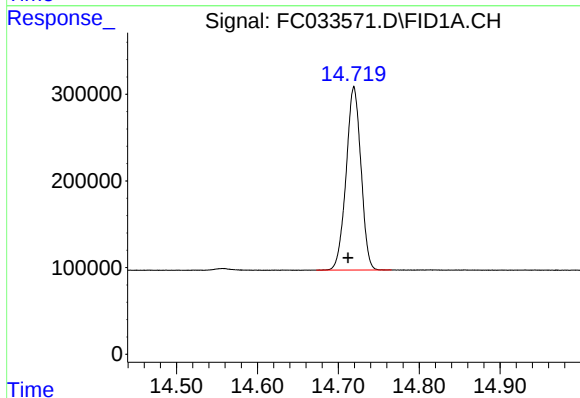
#12 1-chlorooctadecane (SURR)

R.T.: 12.872 min  
Delta R.T.: 0.006 min  
Response: 2323116  
Conc: 19.78 ug/ml



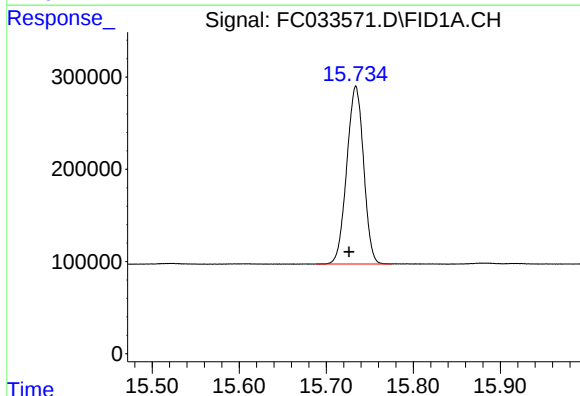
#13 n-Docosane (C22)

R.T.: 13.624 min  
Delta R.T.: 0.008 min  
Response: 2785584  
Conc: 19.54 ug/ml



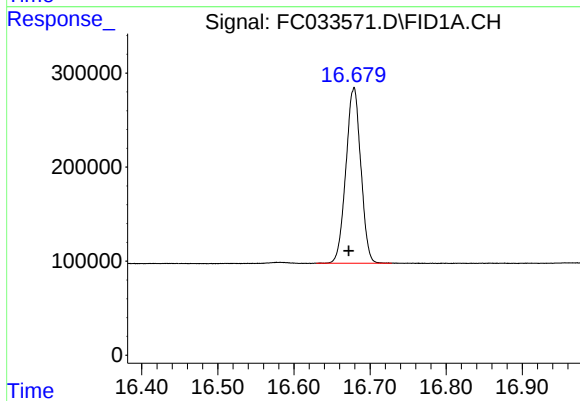
#14 n-Tetracosane (C24)

R.T.: 14.719 min  
Delta R.T.: 0.007 min  
Response: 2695761  
Conc: 19.64 ug/ml



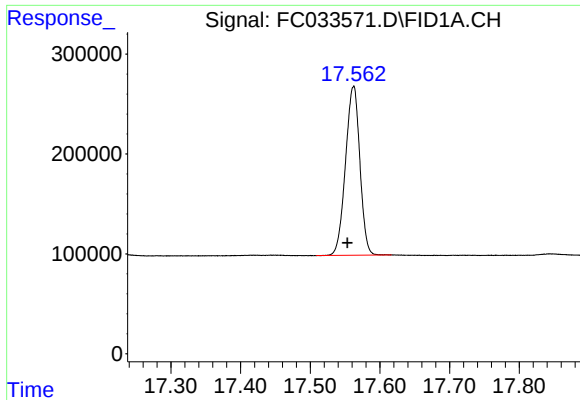
#15 n-Hexacosane (C26)

R.T.: 15.734 min  
Delta R.T.: 0.008 min  
Response: 2589059  
Conc: 19.80 ug/ml



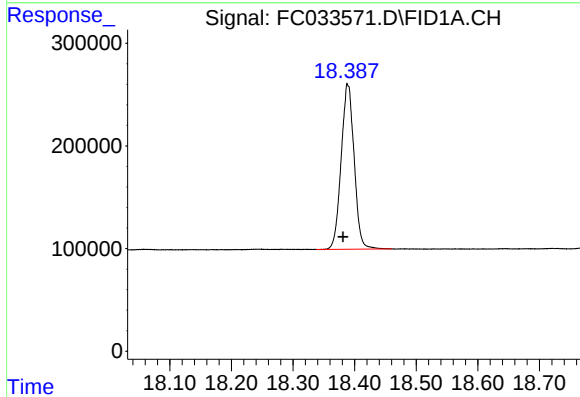
#16 n-Octacosane (C28)

R.T.: 16.679 min  
Delta R.T.: 0.007 min  
Response: 2542243  
Conc: 19.91 ug/ml



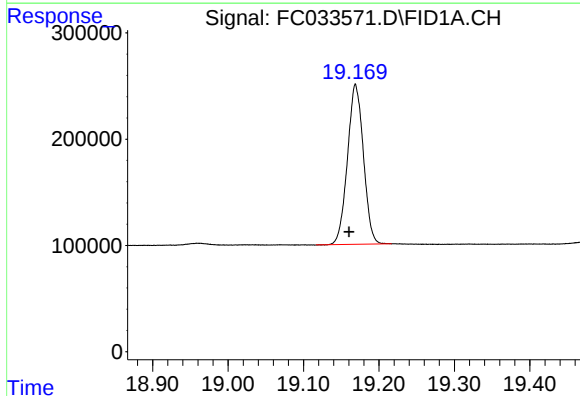
#17 n-Tricontane (C30)

R.T.: 17.562 min  
Delta R.T.: 0.009 min  
Response: 2422931  
Conc: 20.11 ug/ml



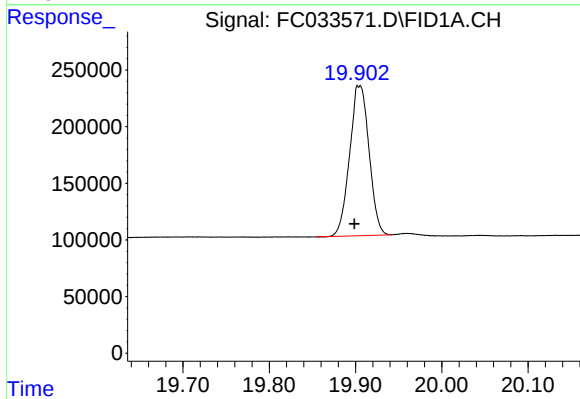
#18 n-Dotriacontane (C32)

R.T.: 18.389 min  
Delta R.T.: 0.008 min  
Response: 2356305  
Conc: 20.24 ug/ml



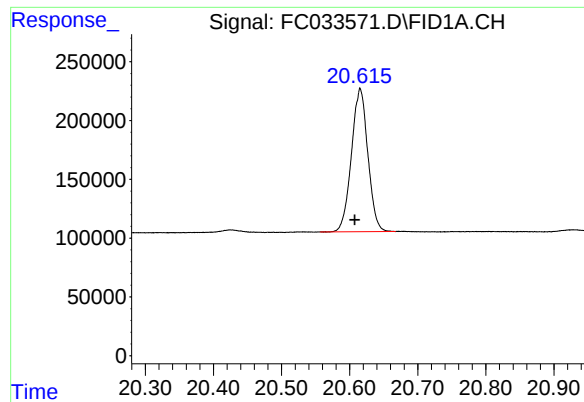
#19 n-Tetratriacontane (C34)

R.T.: 19.169 min  
Delta R.T.: 0.008 min  
Response: 2213067  
Conc: 20.48 ug/ml



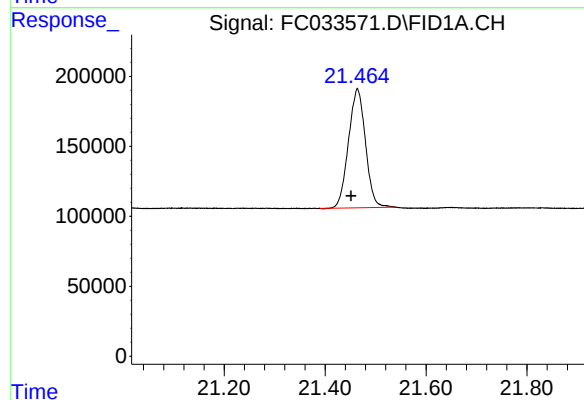
#20 n-Hexatriacontane (C36)

R.T.: 19.904 min  
Delta R.T.: 0.006 min  
Response: 2072622  
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.616 min  
Delta R.T.: 0.008 min  
Response: 2037377  
Conc: 21.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.464 min  
Delta R.T.: 0.013 min  
Response: 1989291  
Conc: 22.17 ug/ml