

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031819AL\  
 Data File : FE029716.D  
 Signal(s) : FID1B.CH  
 Acq On : 18 Mar 2019 13:44  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Mar 19 02:07:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Alaphatic EPH 031419.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 15 08:27:09 2019  
 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)    | 11.596 | 5364296    | 20.840 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.68%       |
| 12) S 1-chlorooctadecane (S... | 13.029 | 4104830    | 20.356 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.71%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.364  | 2643135    | 16.689 ug/ml |
| 2) T n-Decane (C10)            | 4.418  | 2817263    | 17.251 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.007  | 3074050    | 16.894 ug/ml |
| 4) T n-Dodecane (C12)          | 6.430  | 3069377    | 18.074 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.065  | 3278188    | 17.294 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.226  | 3517326    | 19.088 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.828  | 4056331    | 20.369 ug/ml |
| 8) T n-Octadecane (C18)        | 11.272 | 4483450    | 20.928 ug/ml |
| 10) T n-Eicosane (C20)         | 12.582 | 4632746    | 21.948 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.194 | 4537757    | 21.974 ug/ml |
| 13) T n-Docosane (C22)         | 13.781 | 4433169    | 22.131 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.886 | 4091282    | 21.527 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.907 | 3786387    | 20.573 ug/ml |
| 16) T n-Octacosane (C28)       | 16.858 | 3833647    | 20.847 ug/ml |
| 17) T n-Tricontane (C30)       | 17.747 | 3985259    | 22.178 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.580 | 4042535    | 22.217 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.365 | 3451131    | 22.021 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.104 | 2982777    | 21.236 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.840 | 2697431    | 20.322 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.740 | 2461989    | 18.352 ug/ml |
| -----                          |        |            |              |

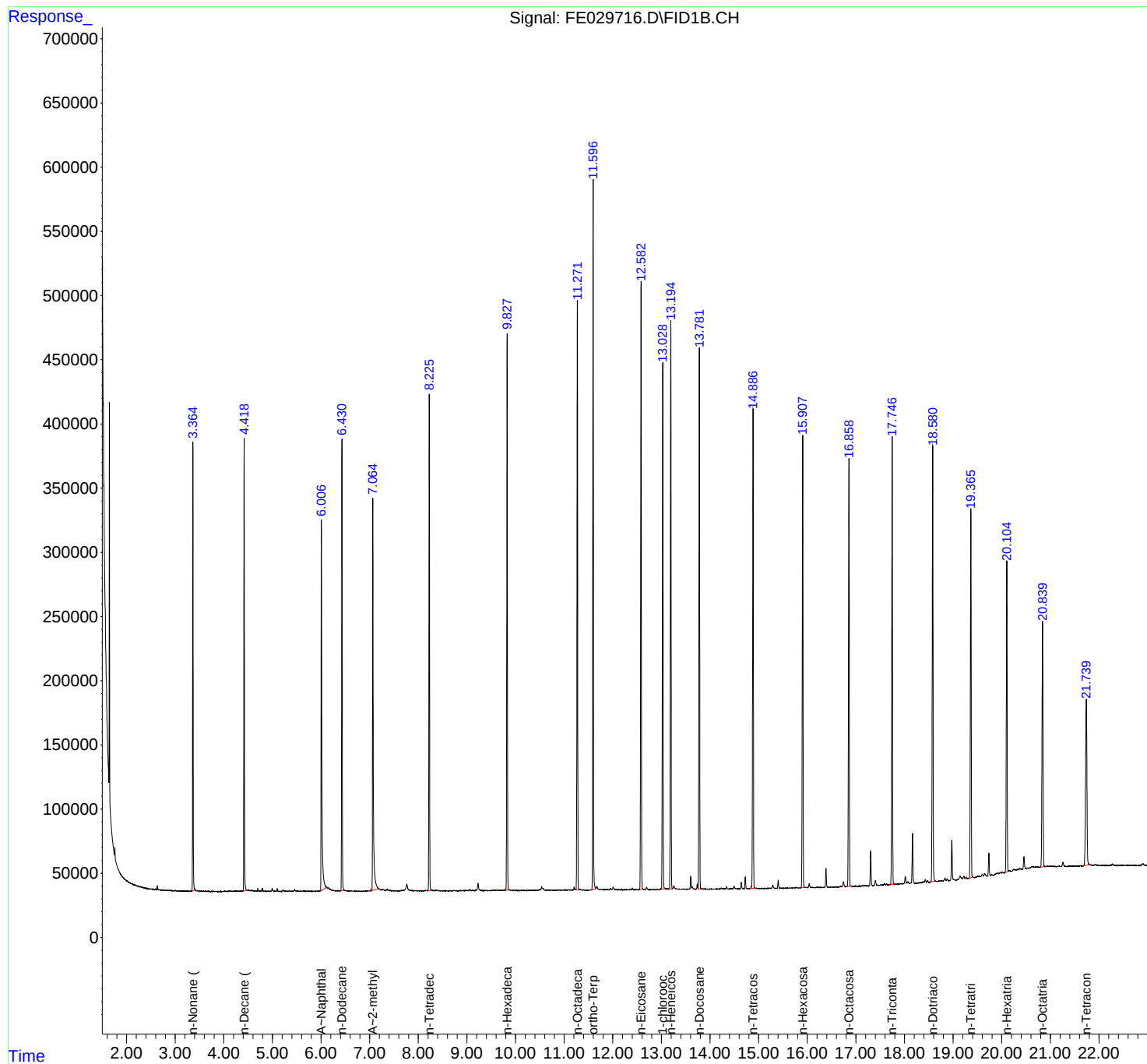
(f)=RT Delta > 1/2 Window

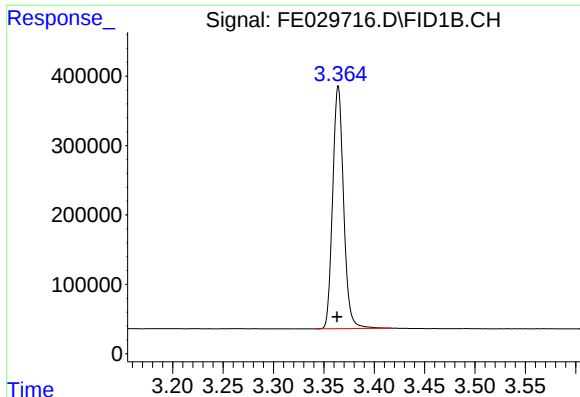
(m)=manual int.

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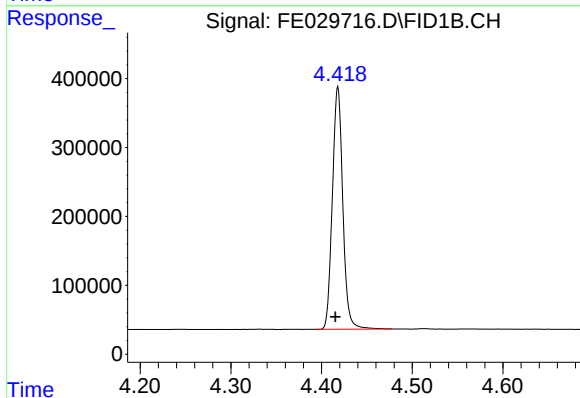
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





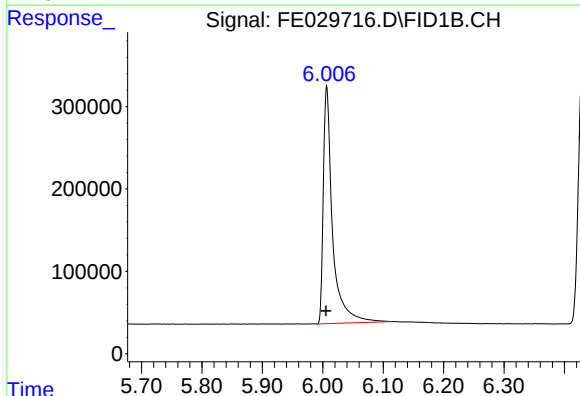
#1 n-Nonane (C9)

R.T.: 3.364 min  
Delta R.T.: 0.001 min  
Response: 2643135  
Conc: 16.69 ug/ml



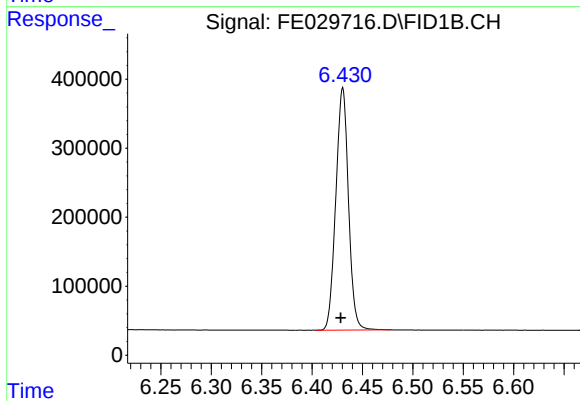
#2 n-Decane (C10)

R.T.: 4.418 min  
Delta R.T.: 0.003 min  
Response: 2817263  
Conc: 17.25 ug/ml



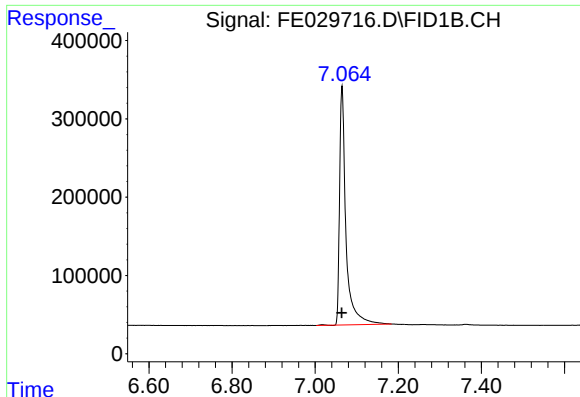
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min  
Delta R.T.: 0.001 min  
Response: 3074050  
Conc: 16.89 ug/ml



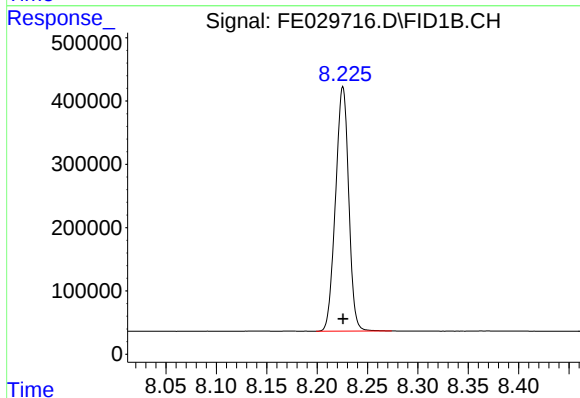
#4 n-Dodecane (C12)

R.T.: 6.430 min  
Delta R.T.: 0.002 min  
Response: 3069377  
Conc: 18.07 ug/ml



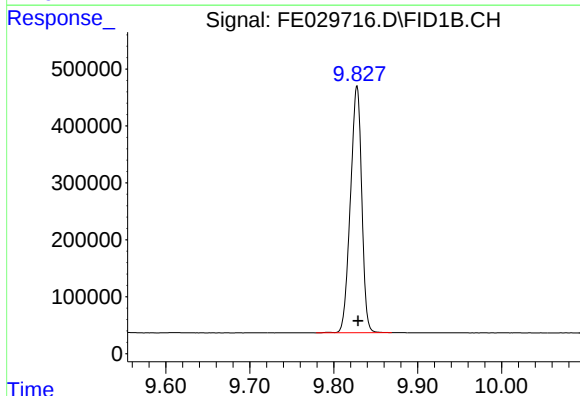
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 3278188  
Conc: 17.29 ug/ml



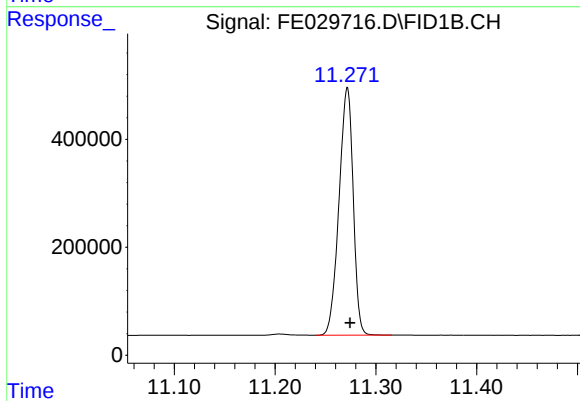
#6 n-Tetradecane (C14)

R.T.: 8.226 min  
Delta R.T.: 0.000 min  
Response: 3517326  
Conc: 19.09 ug/ml



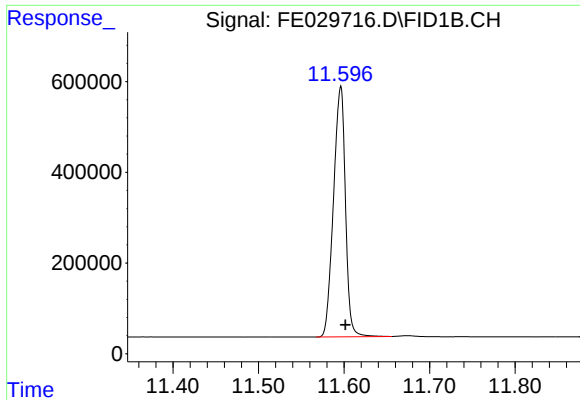
#7 n-Hexadecane (C16)

R.T.: 9.828 min  
Delta R.T.: -0.001 min  
Response: 4056331  
Conc: 20.37 ug/ml



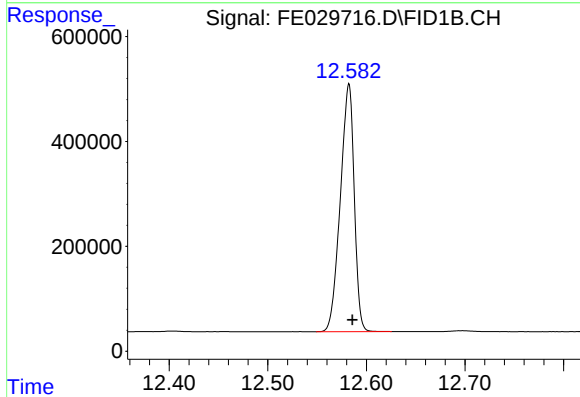
#8 n-Octadecane (C18)

R.T.: 11.272 min  
Delta R.T.: -0.003 min  
Response: 4483450  
Conc: 20.93 ug/ml



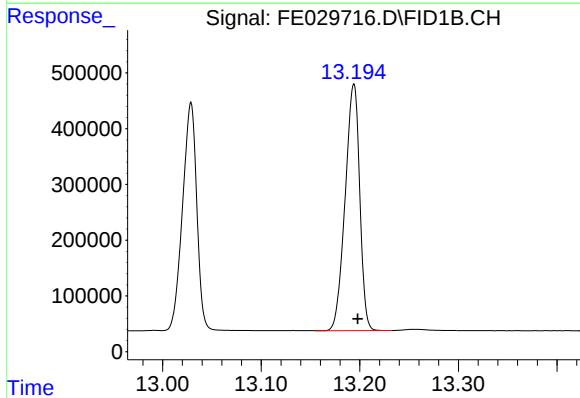
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min  
Delta R.T.: -0.006 min  
Response: 5364296  
Conc: 20.84 ug/ml



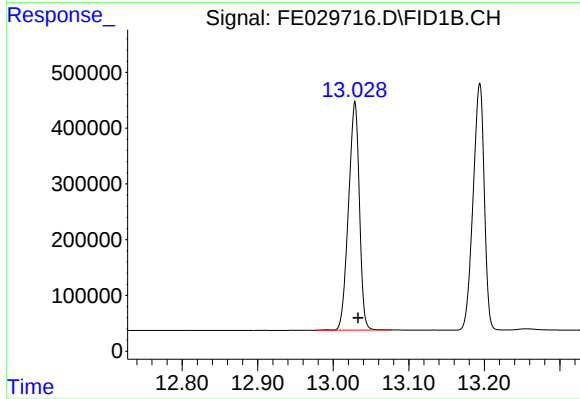
#10 n-Eicosane (C20)

R.T.: 12.582 min  
Delta R.T.: -0.004 min  
Response: 4632746  
Conc: 21.95 ug/ml



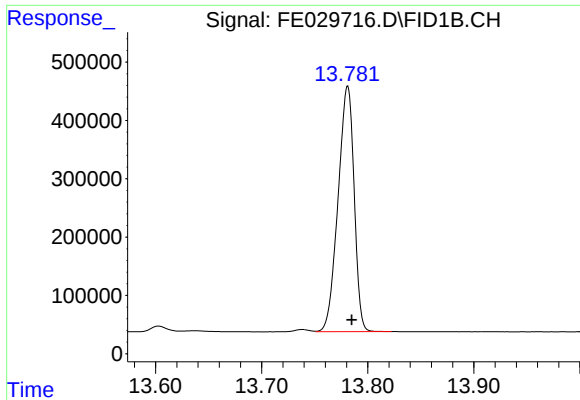
#11 n-Heneicosane (C21)

R.T.: 13.194 min  
Delta R.T.: -0.004 min  
Response: 4537757  
Conc: 21.97 ug/ml



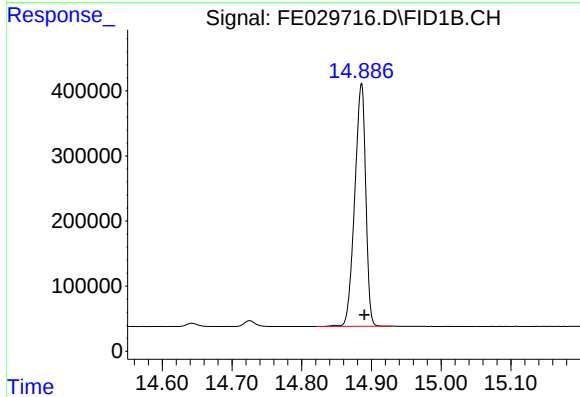
#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min  
Delta R.T.: -0.004 min  
Response: 4104830  
Conc: 20.36 ug/ml



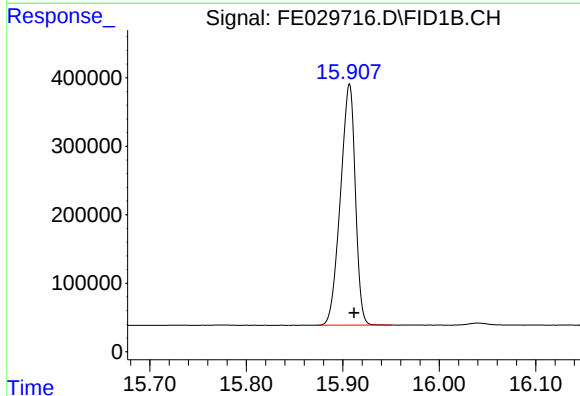
#13 n-Docosane (C22)

R.T.: 13.781 min  
Delta R.T.: -0.004 min  
Response: 4433169  
Conc: 22.13 ug/ml



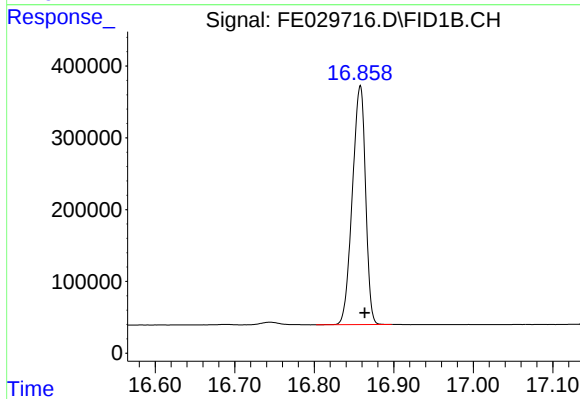
#14 n-Tetracosane (C24)

R.T.: 14.886 min  
Delta R.T.: -0.004 min  
Response: 4091282  
Conc: 21.53 ug/ml



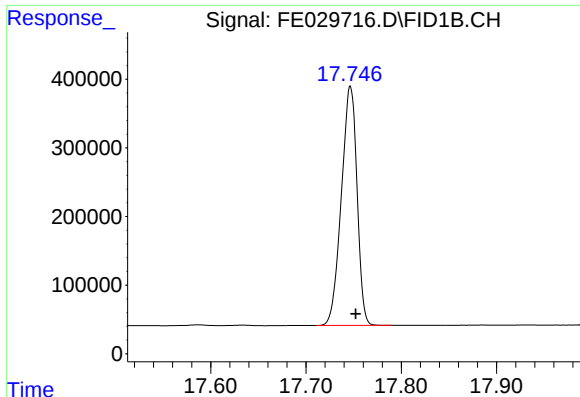
#15 n-Hexacosane (C26)

R.T.: 15.907 min  
Delta R.T.: -0.005 min  
Response: 3786387  
Conc: 20.57 ug/ml



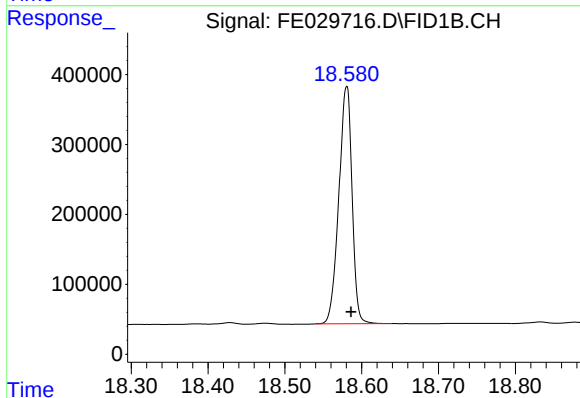
#16 n-Octacosane (C28)

R.T.: 16.858 min  
Delta R.T.: -0.005 min  
Response: 3833647  
Conc: 20.85 ug/ml



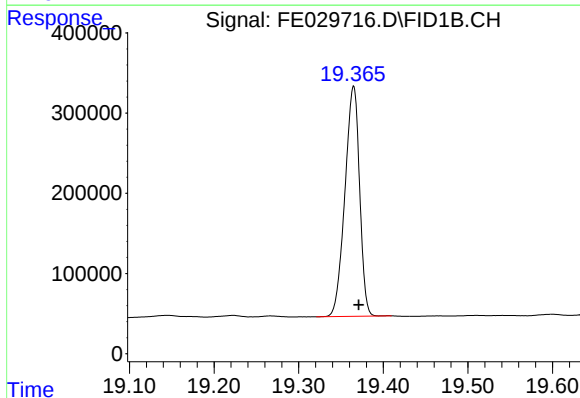
#17 n-Tricontane (C30)

R.T.: 17.747 min  
Delta R.T.: -0.006 min  
Response: 3985259  
Conc: 22.18 ug/ml



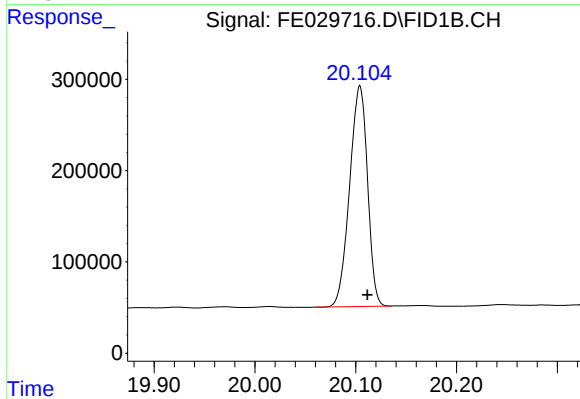
#18 n-Dotriacontane (C32)

R.T.: 18.580 min  
Delta R.T.: -0.006 min  
Response: 4042535  
Conc: 22.22 ug/ml



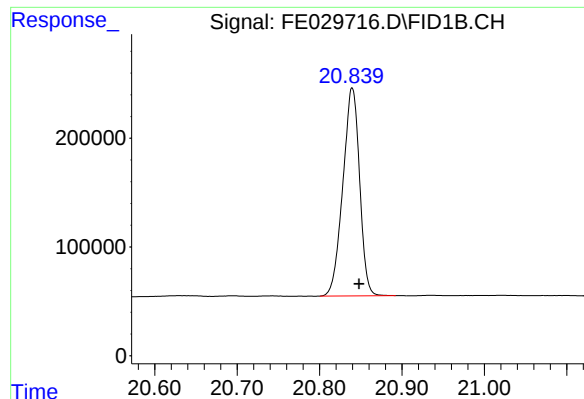
#19 n-Tetratriacontane (C34)

R.T.: 19.365 min  
Delta R.T.: -0.006 min  
Response: 3451131  
Conc: 22.02 ug/ml



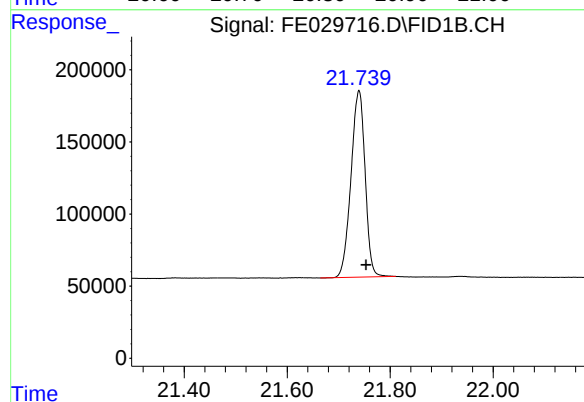
#20 n-Hexatriacontane (C36)

R.T.: 20.104 min  
Delta R.T.: -0.007 min  
Response: 2982777  
Conc: 21.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.840 min  
Delta R.T.: -0.008 min  
Response: 2697431  
Conc: 20.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.740 min  
Delta R.T.: -0.014 min  
Response: 2461989  
Conc: 18.35 ug/ml