

Data Path : P:\HPCHEM1\FID C\Data\FC020418AL\  
 Data File : FC032264.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Feb 2018 10:03  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Feb 04 13:53:51 2018  
 Quant Method : P:\HPCHEM1\FID\_C\Method\Aliphatic EPH 011618.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 16 13:50:30 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)    | 11.161 | 2372533    | 18.469 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.94%        |
| 12) S 1-chlorooctadecane (S... | 12.611 | 1791565    | 19.180 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 38.36%        |
|                                |        |            |               |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.012  | 2186126    | 17.737 ug/ml  |
| 2) T n-Decane (C10)            | 4.060  | 2278835    | 18.744 ug/ml  |
| 3) T A-Naphthalene (C11.7)     | 5.613  | 2363578    | 18.330 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.061  | 2288377    | 18.829 ug/ml  |
| 5) T A-2-methylnaphthalene...  | 6.662  | 2362418    | 18.813 ug/ml  |
| 6) T n-Tetradecane (C14)       | 7.845  | 2269774    | 18.710 ug/ml  |
| 7) T n-Hexadecane (C16)        | 9.436  | 2265392    | 18.847 ug/ml  |
| 8) T n-Octadecane (C18)        | 10.870 | 2199367    | 18.693 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.173 | 2216914    | 18.781 ug/ml  |
| 11) T n-Heneicosane (C21)      | 12.783 | 2189388    | 18.716 ug/ml  |
| 13) T n-Docosane (C22)         | 13.367 | 2211184    | 18.933 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.465 | 2188262    | 19.098 ug/mlm |
| 15) T n-Hexacosane (C26)       | 15.484 | 2248503    | 19.736 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.430 | 2308169    | 20.058 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.316 | 2315629    | 20.749 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.147 | 2252957    | 20.559 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 18.929 | 2053157    | 19.856 ug/mlm |
| 20) T n-Hexatriacontane (C36)  | 19.668 | 1864525    | 19.335 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 20.367 | 1631771    | 17.726 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.130 | 1398145    | 15.775 ug/mlm |
| -----                          |        |            |               |

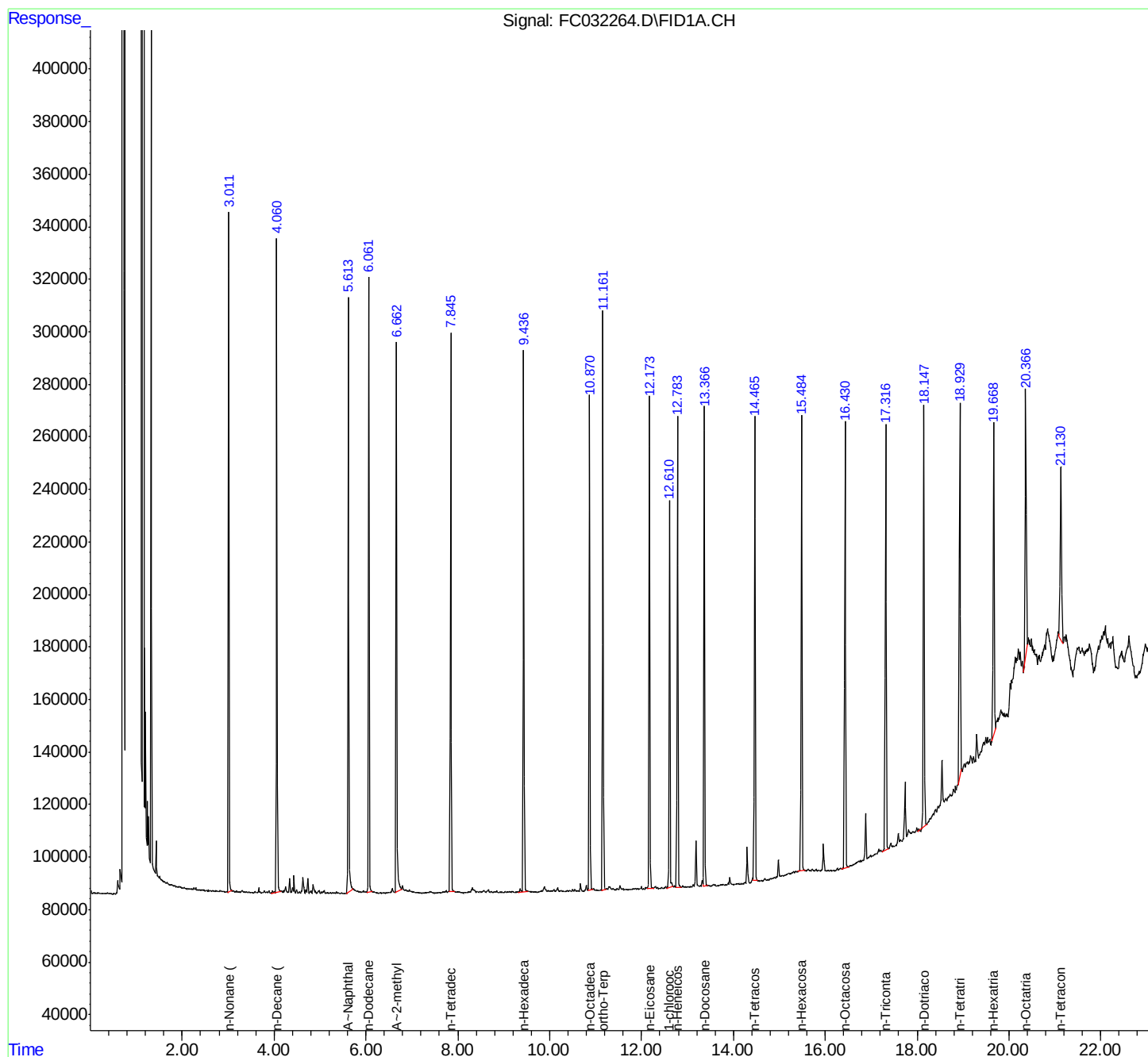
(f)=RT Delta > 1/2 Window

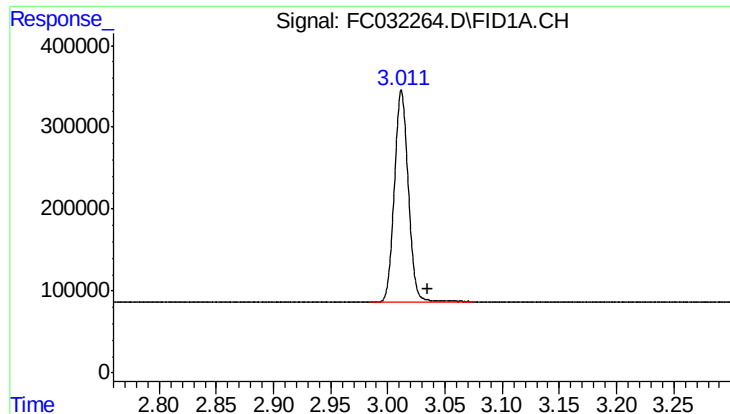
(m)=manual int.

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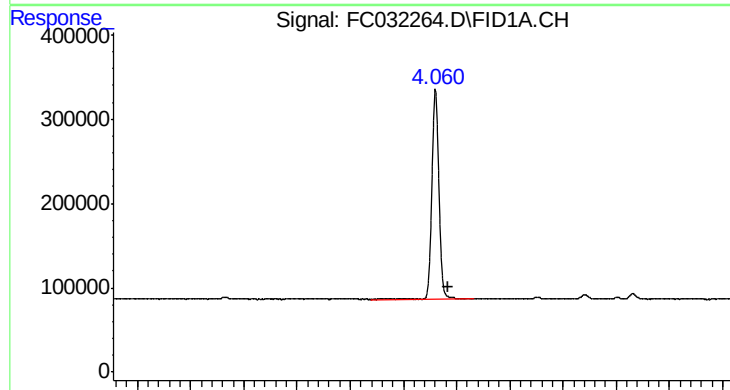
Volume Inj. : 1 ul  
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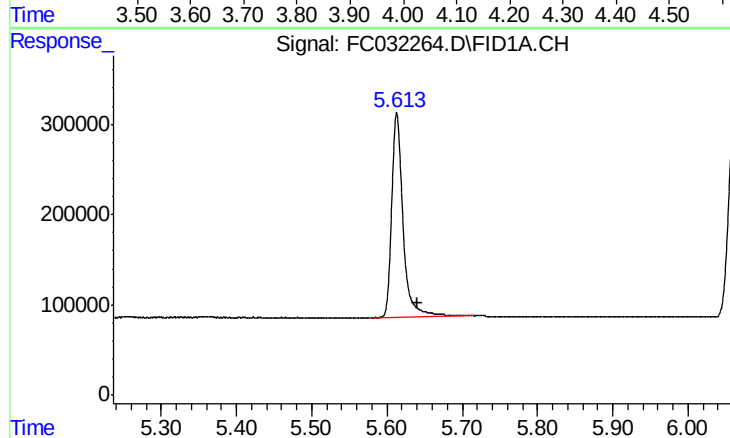
#1 n-Nonane (C9)

R.T.: 3.012 min  
Delta R.T.: -0.023 min  
Response: 2186126  
Conc: 17.74 ug/ml



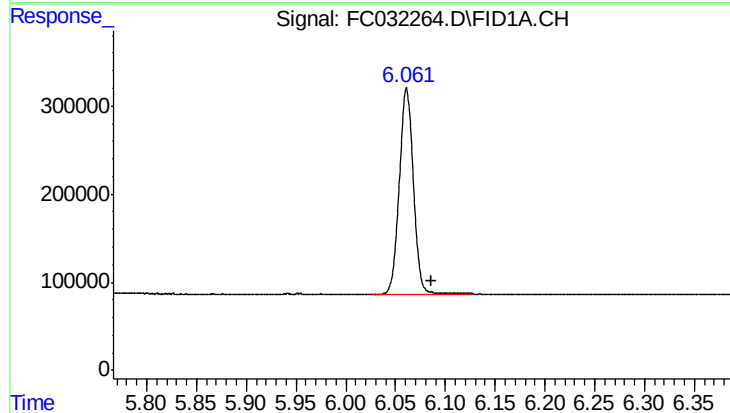
#2 n-Decane (C10)

R.T.: 4.060 min  
Delta R.T.: -0.024 min  
Response: 2278835  
Conc: 18.74 ug/ml



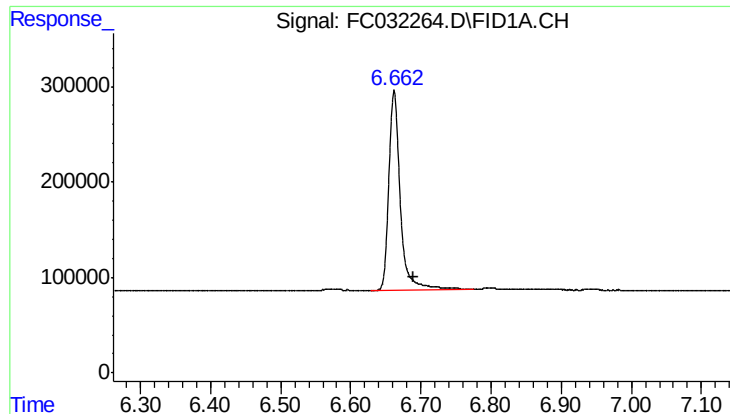
#3 A-Naphthalene (C11.7)

R.T.: 5.613 min  
Delta R.T.: -0.028 min  
Response: 2363578  
Conc: 18.33 ug/ml



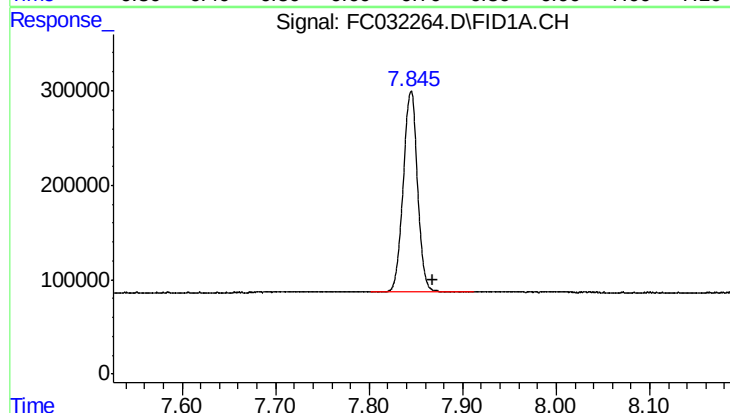
#4 n-Dodecane (C12)

R.T.: 6.061 min  
Delta R.T.: -0.024 min  
Response: 2288377  
Conc: 18.83 ug/ml



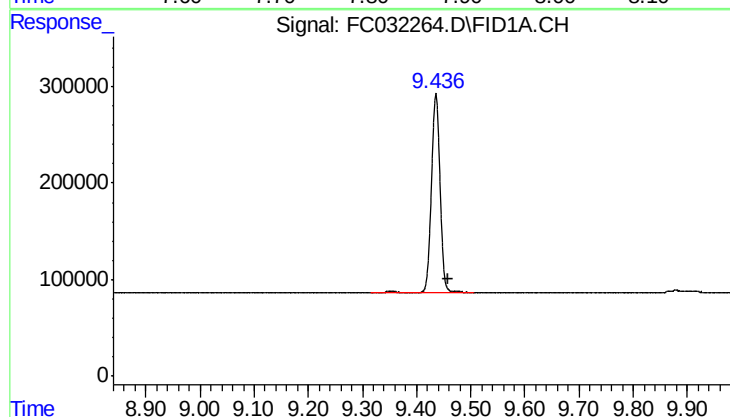
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.662 min  
Delta R.T.: -0.027 min  
Response: 2362418  
Conc: 18.81 ug/ml



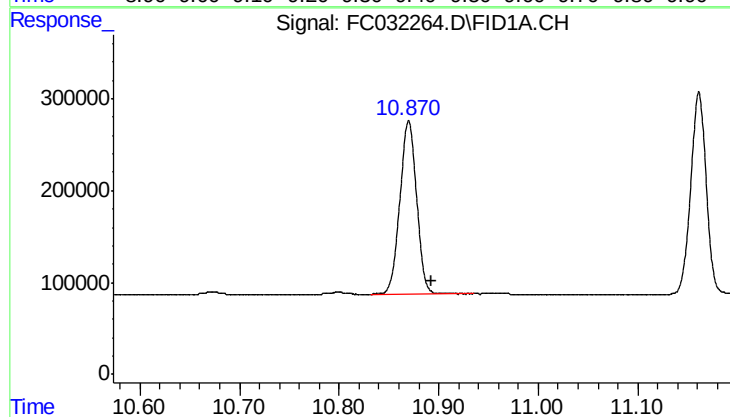
#6 n-Tetradecane (C14)

R.T.: 7.845 min  
Delta R.T.: -0.024 min  
Response: 2269774  
Conc: 18.71 ug/ml



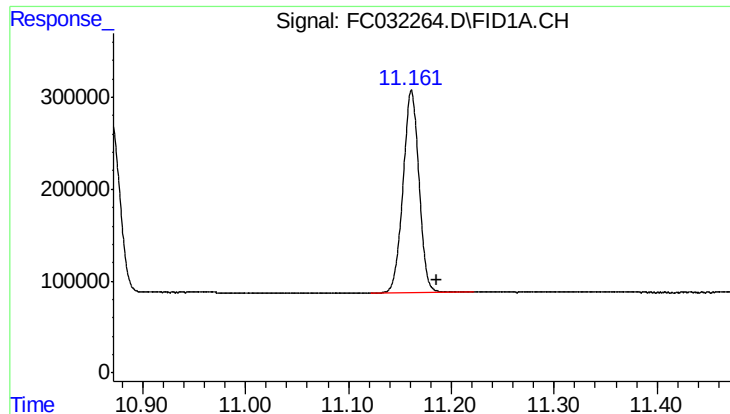
#7 n-Hexadecane (C16)

R.T.: 9.436 min  
Delta R.T.: -0.024 min  
Response: 2265392  
Conc: 18.85 ug/ml



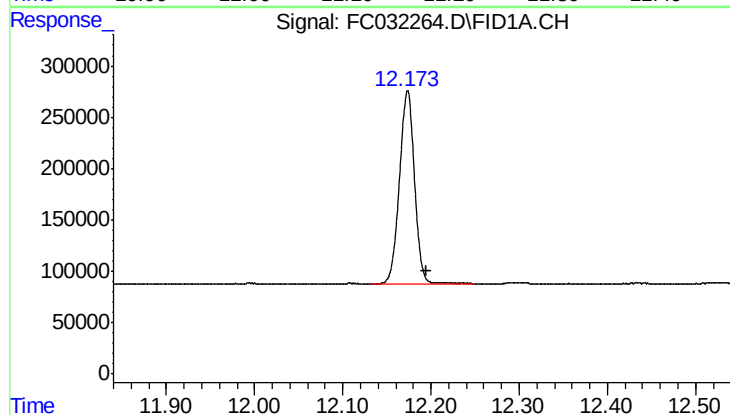
#8 n-Octadecane (C18)

R.T.: 10.870 min  
Delta R.T.: -0.023 min  
Response: 2199367  
Conc: 18.69 ug/ml



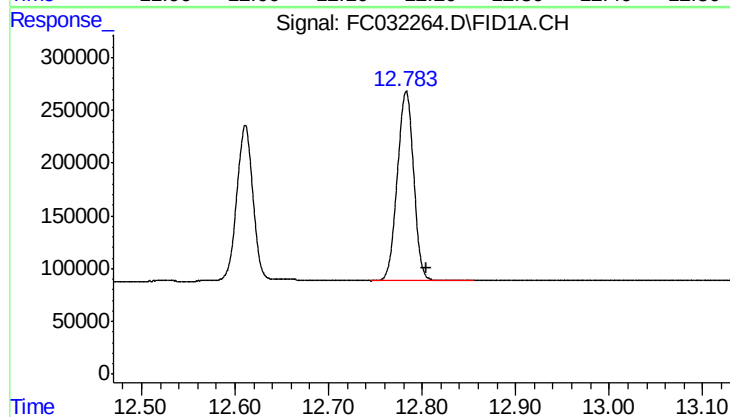
#9 ortho-Terphenyl (SURR)

R.T.: 11.161 min  
Delta R.T.: -0.024 min  
Response: 2372533  
Conc: 18.47 ug/ml



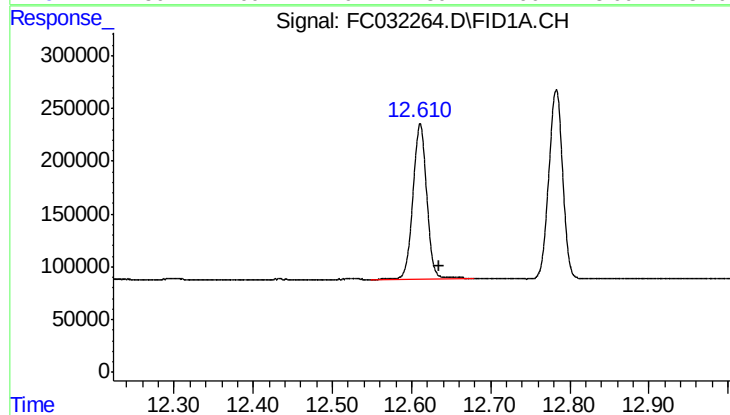
#10 n-Eicosane (C20)

R.T.: 12.173 min  
Delta R.T.: -0.022 min  
Response: 2216914  
Conc: 18.78 ug/ml



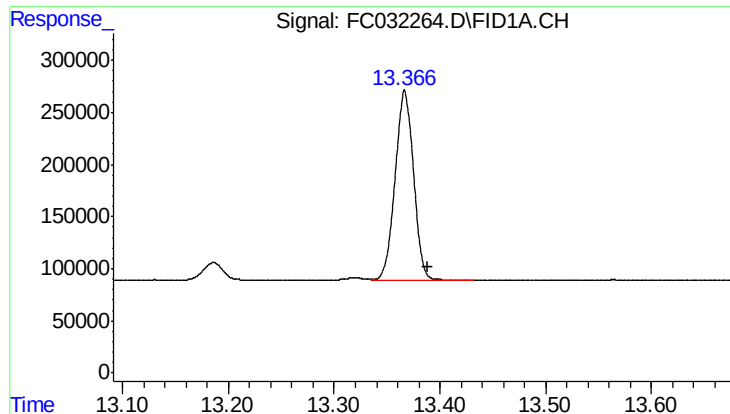
#11 n-Heneicosane (C21)

R.T.: 12.783 min  
Delta R.T.: -0.021 min  
Response: 2189388  
Conc: 18.72 ug/ml



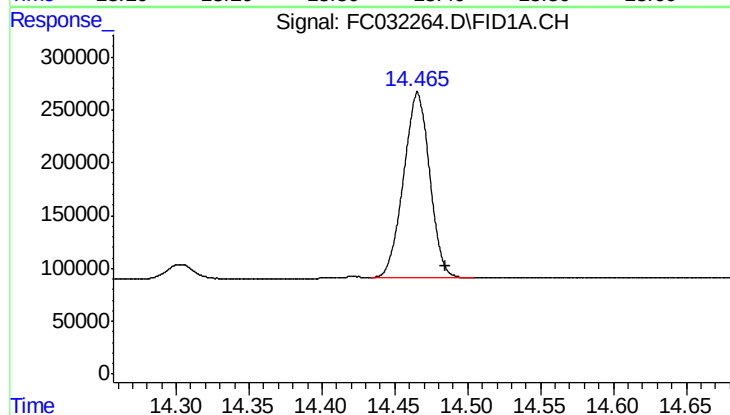
#12 1-chlorooctadecane (SURR)

R.T.: 12.611 min  
Delta R.T.: -0.023 min  
Response: 1791565  
Conc: 19.18 ug/ml



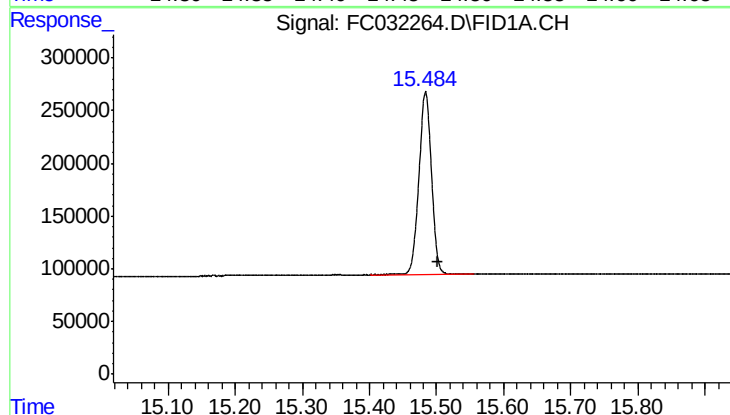
#13 n-Docosane (C22)

R.T.: 13.367 min  
Delta R.T.: -0.021 min  
Response: 2211184  
Conc: 18.93 ug/ml



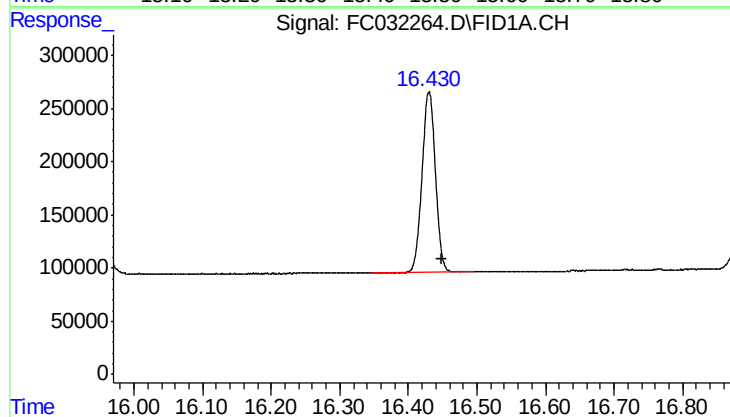
#14 n-Tetracosane (C24)

R.T.: 14.465 min  
Delta R.T.: -0.020 min  
Response: 2188262  
Conc: 19.10 ug/ml m



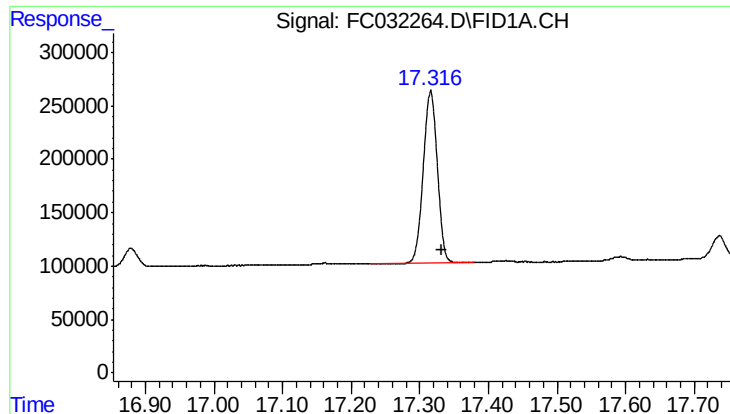
#15 n-Hexacosane (C26)

R.T.: 15.484 min  
Delta R.T.: -0.019 min  
Response: 2248503  
Conc: 19.74 ug/ml



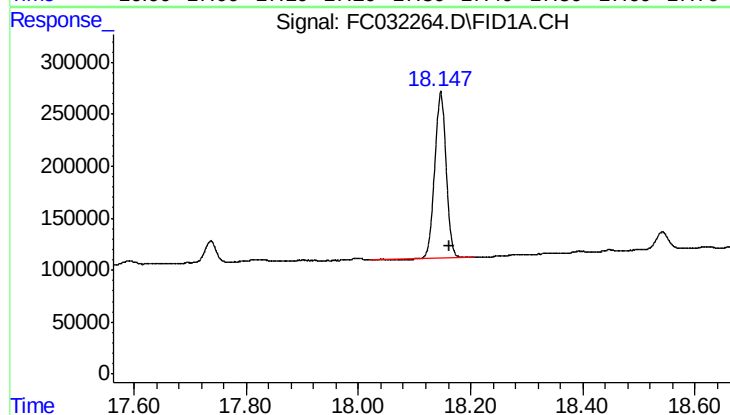
#16 n-Octacosane (C28)

R.T.: 16.430 min  
Delta R.T.: -0.018 min  
Response: 2308169  
Conc: 20.06 ug/ml



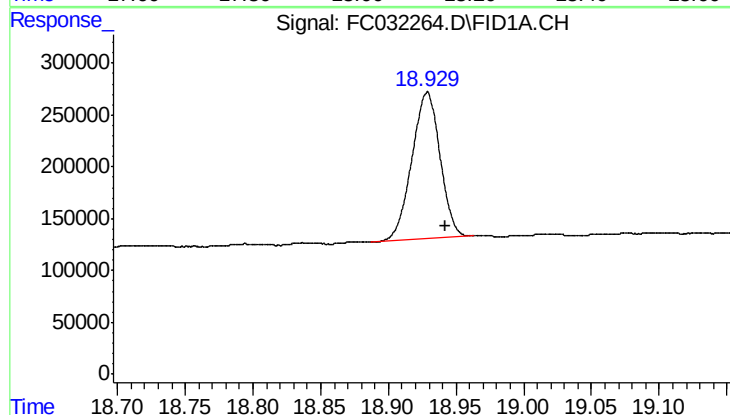
#17 n-Tricontane (C30)

R.T.: 17.316 min  
Delta R.T.: -0.017 min  
Response: 2315629  
Conc: 20.75 ug/ml



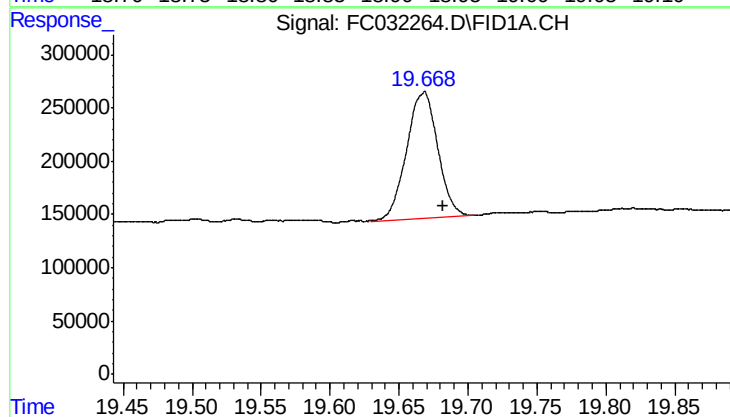
#18 n-Dotriacontane (C32)

R.T.: 18.147 min  
Delta R.T.: -0.015 min  
Response: 2252957  
Conc: 20.56 ug/ml



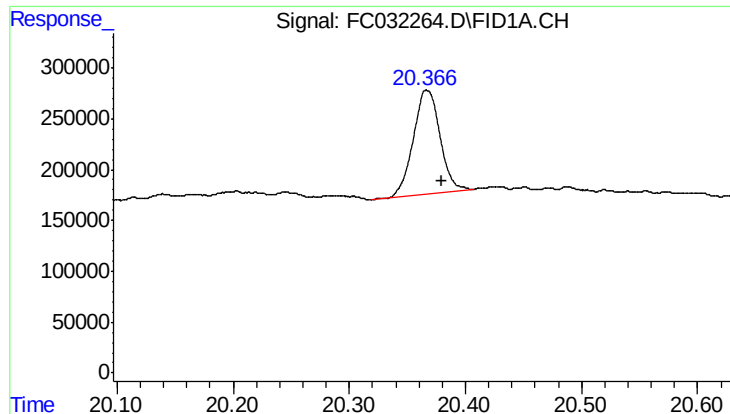
#19 n-Tetratriacontane (C34)

R.T.: 18.929 min  
Delta R.T.: -0.014 min  
Response: 2053157  
Conc: 19.86 ug/ml m



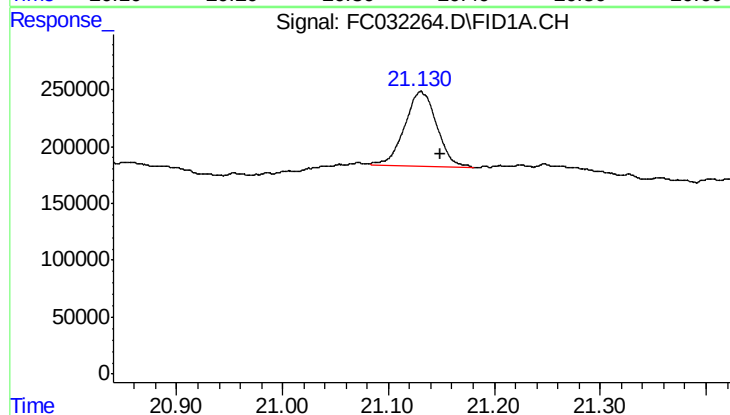
#20 n-Hexatriacontane (C36)

R.T.: 19.668 min  
Delta R.T.: -0.013 min  
Response: 1864525  
Conc: 19.34 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.367 min  
Delta R.T.: -0.013 min  
Response: 1631771  
Conc: 17.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.130 min  
Delta R.T.: -0.019 min  
Response: 1398145  
Conc: 15.78 ug/ml m