

Data Path : P:\HPCHEM1\FID D\Data\FD041118AL\  
 Data File : FD022938.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Apr 2018 6:46  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 11 07:36:40 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 031618.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 19 11:51:27 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)    | 11.185 | 2369228    | 23.078 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 46.16%       |
| 12) S 1-chlorooctadecane (S... | 12.626 | 1945836    | 24.617 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 49.23%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.028  | 1909667    | 21.714 ug/ml |
| 2) T n-Decane (C10)            | 4.079  | 1950334    | 21.986 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.643  | 2152804    | 22.780 ug/ml |
| 4) T n-Dodecane (C12)          | 6.081  | 2031402    | 22.077 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.692  | 2210717    | 22.876 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.863  | 2077646    | 21.962 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.452  | 2101400    | 22.037 ug/ml |
| 8) T n-Octadecane (C18)        | 10.885 | 2104915    | 22.335 ug/ml |
| 10) T n-Eicosane (C20)         | 12.187 | 2180490    | 22.667 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.795 | 2185753    | 22.691 ug/ml |
| 13) T n-Docosane (C22)         | 13.378 | 2215990    | 22.844 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.475 | 2228924    | 22.903 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.490 | 2255891    | 23.036 ug/ml |
| 16) T n-Octacosane (C28)       | 16.434 | 2299592    | 23.115 ug/ml |
| 17) T n-Tricontane (C30)       | 17.317 | 2262923    | 23.415 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.145 | 2226889    | 23.716 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.925 | 2188965    | 24.330 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.661 | 2613915    | 30.611 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.356 | 5001381    | 60.367 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.121 | 1884990    | 24.203 ug/ml |
| -----                          |        |            |              |

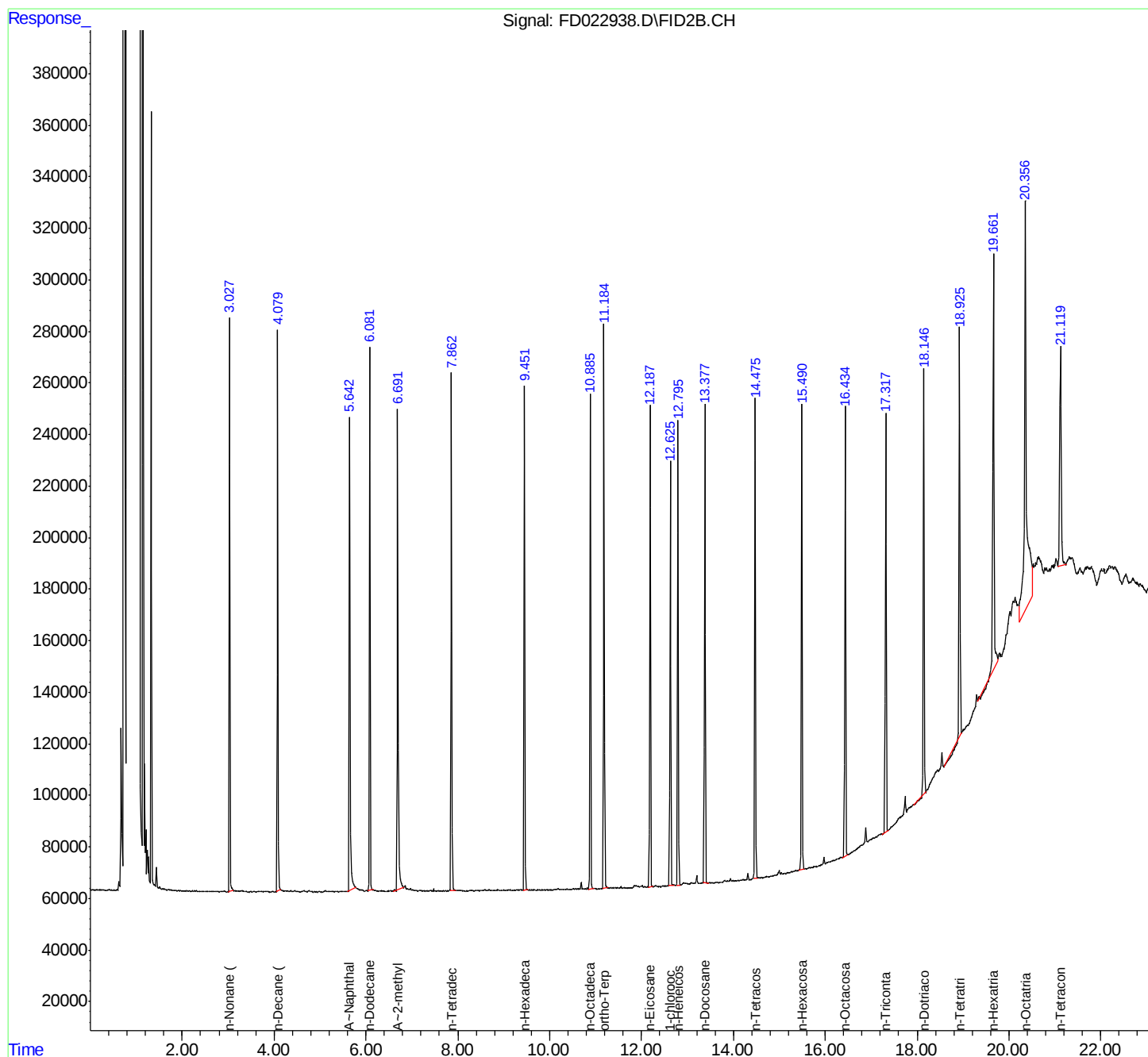
(f)=RT Delta > 1/2 Window

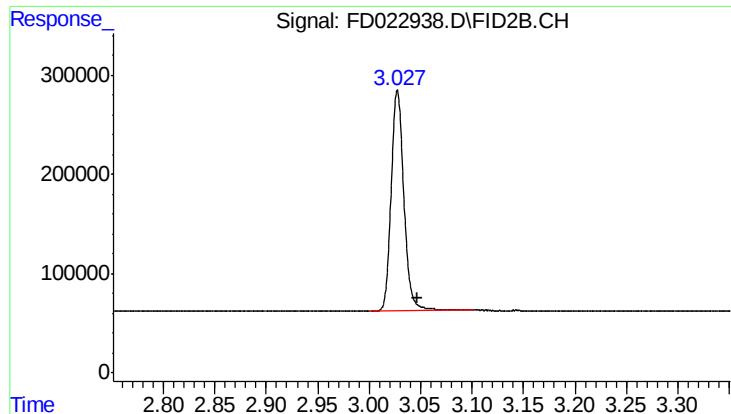
(m)=manual int.

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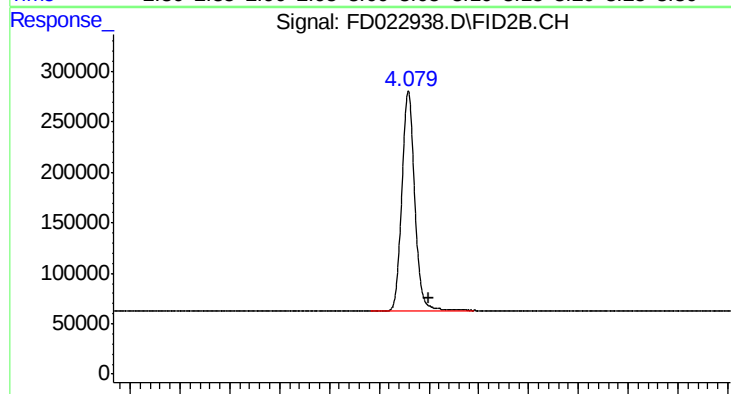
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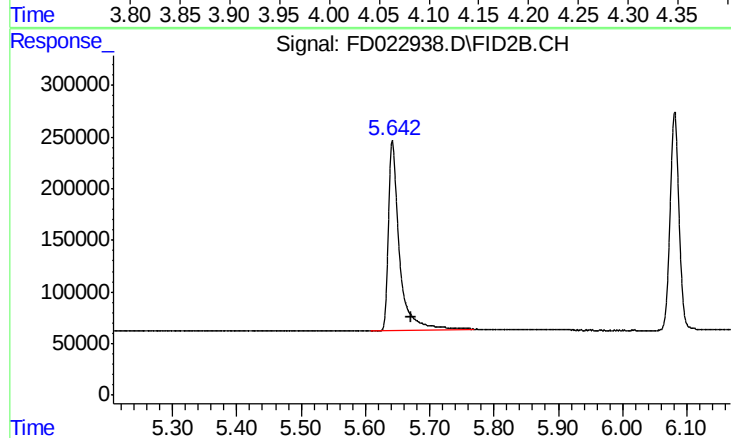
#1 n-Nonane (C9)

R.T.: 3.028 min  
Delta R.T.: -0.020 min  
Response: 1909667  
Conc: 21.71 ug/ml



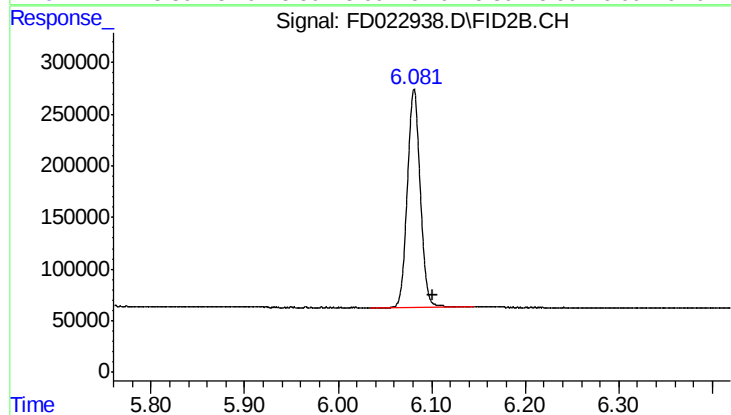
#2 n-Decane (C10)

R.T.: 4.079 min  
Delta R.T.: -0.020 min  
Response: 1950334  
Conc: 21.99 ug/ml



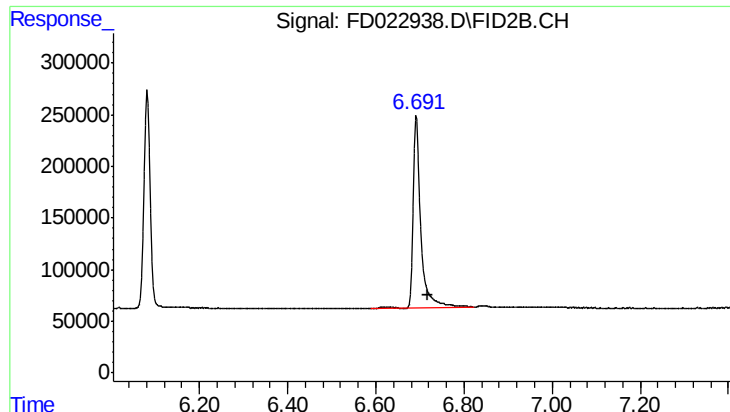
#3 A-Naphthalene (C11.7)

R.T.: 5.643 min  
Delta R.T.: -0.027 min  
Response: 2152804  
Conc: 22.78 ug/ml



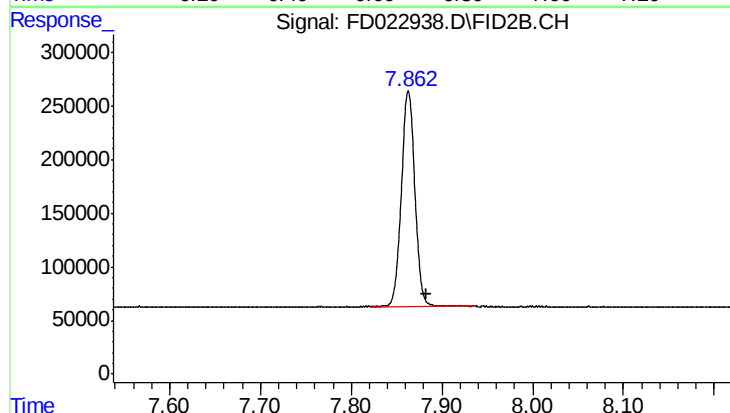
#4 n-Dodecane (C12)

R.T.: 6.081 min  
Delta R.T.: -0.020 min  
Response: 2031402  
Conc: 22.08 ug/ml



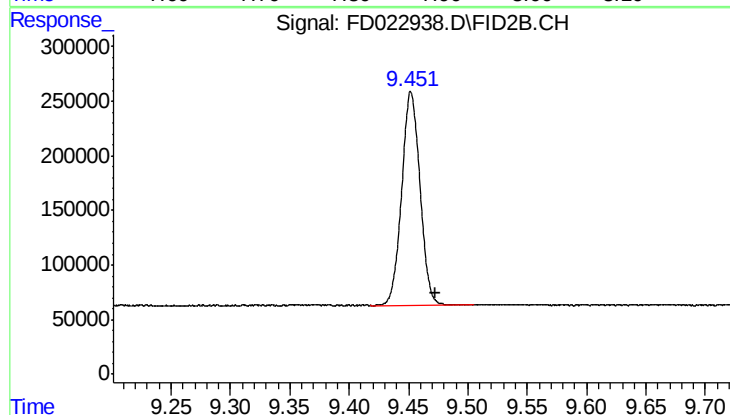
#5 A-2-methylnaphthalene (C12.89)

R.T.: 6.692 min  
Delta R.T.: -0.027 min  
Response: 2210717  
Conc: 22.88 ug/ml



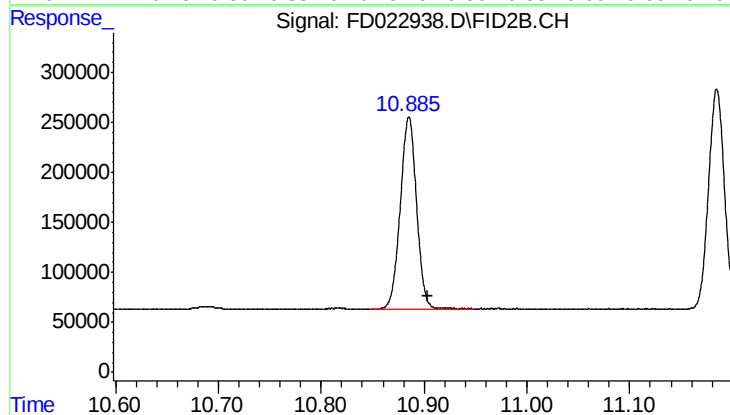
#6 n-Tetradecane (C14)

R.T.: 7.863 min  
Delta R.T.: -0.019 min  
Response: 2077646  
Conc: 21.96 ug/ml



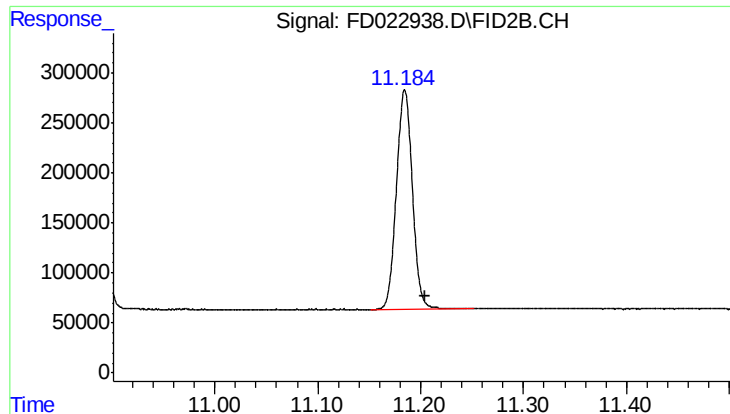
#7 n-Hexadecane (C16)

R.T.: 9.452 min  
Delta R.T.: -0.020 min  
Response: 2101400  
Conc: 22.04 ug/ml



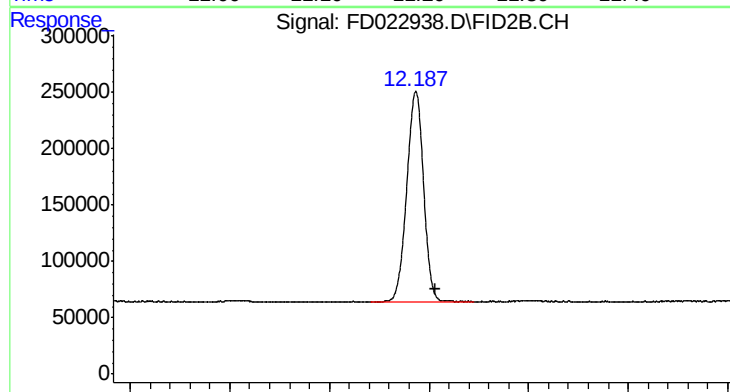
#8 n-Octadecane (C18)

R.T.: 10.885 min  
Delta R.T.: -0.018 min  
Response: 2104915  
Conc: 22.34 ug/ml



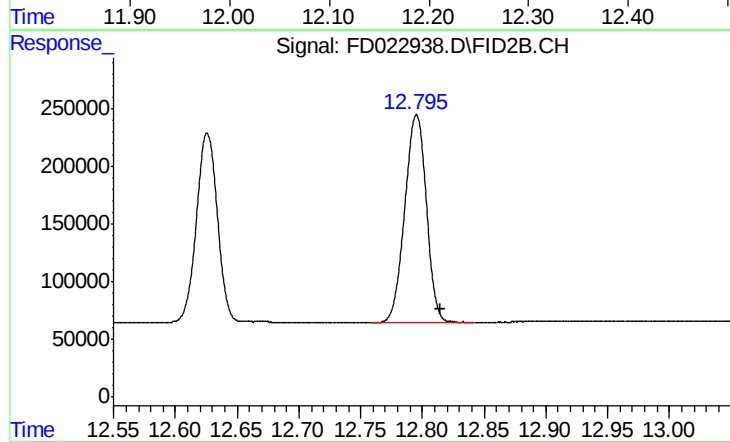
#9 ortho-Terphenyl (SURR)

R.T.: 11.185 min  
Delta R.T.: -0.020 min  
Response: 2369228  
Conc: 23.08 ug/ml



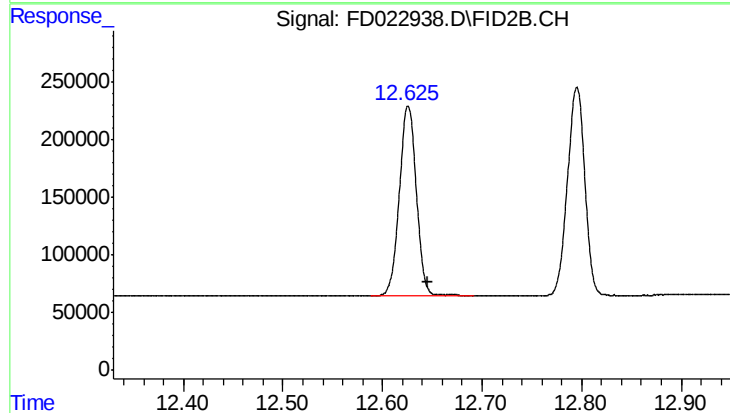
#10 n-Eicosane (C20)

R.T.: 12.187 min  
Delta R.T.: -0.019 min  
Response: 2180490  
Conc: 22.67 ug/ml



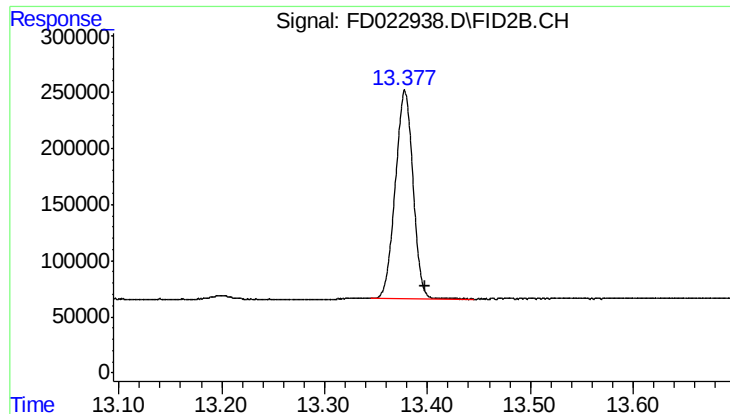
#11 n-Heneicosane (C21)

R.T.: 12.795 min  
Delta R.T.: -0.019 min  
Response: 2185753  
Conc: 22.69 ug/ml



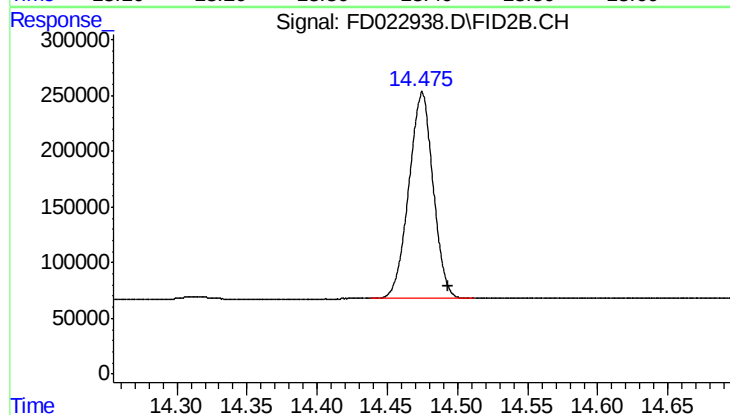
#12 1-chlorooctadecane (SURR)

R.T.: 12.626 min  
Delta R.T.: -0.019 min  
Response: 1945836  
Conc: 24.62 ug/ml



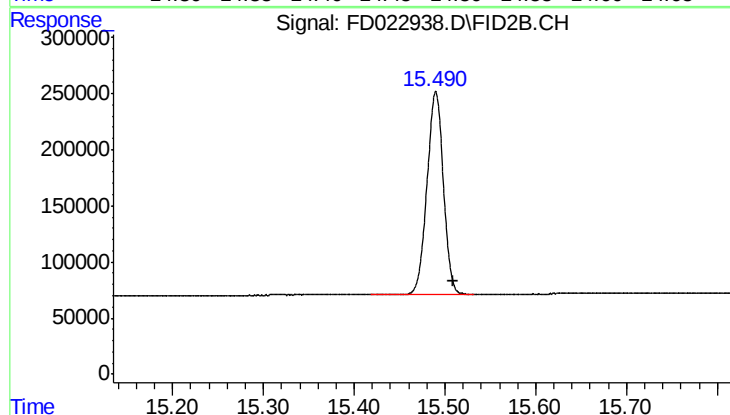
#13 n-Docosane (C22)

R.T.: 13.378 min  
Delta R.T.: -0.019 min  
Response: 2215990  
Conc: 22.84 ug/ml



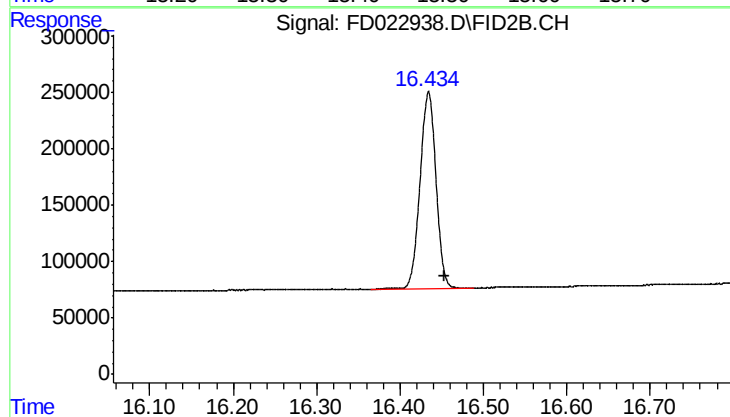
#14 n-Tetracosane (C24)

R.T.: 14.475 min  
Delta R.T.: -0.019 min  
Response: 2228924  
Conc: 22.90 ug/ml



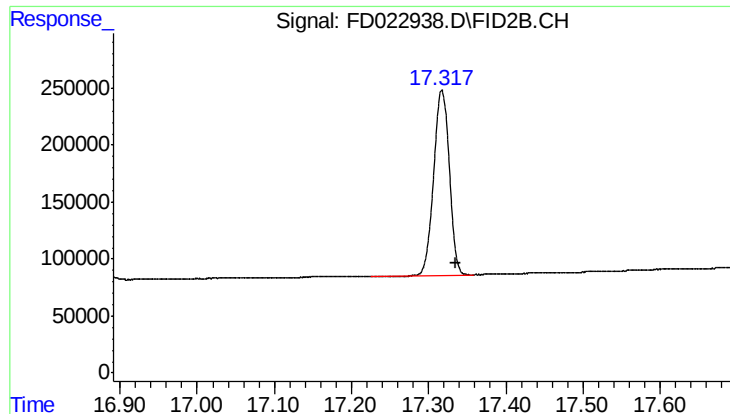
#15 n-Hexacosane (C26)

R.T.: 15.490 min  
Delta R.T.: -0.019 min  
Response: 2255891  
Conc: 23.04 ug/ml



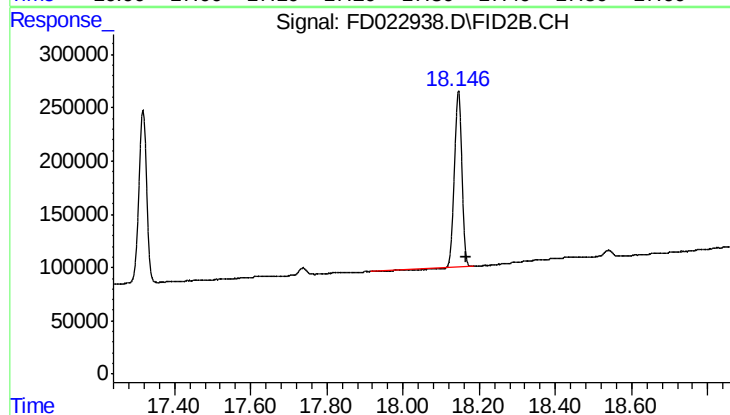
#16 n-Octacosane (C28)

R.T.: 16.434 min  
Delta R.T.: -0.020 min  
Response: 2299592  
Conc: 23.12 ug/ml



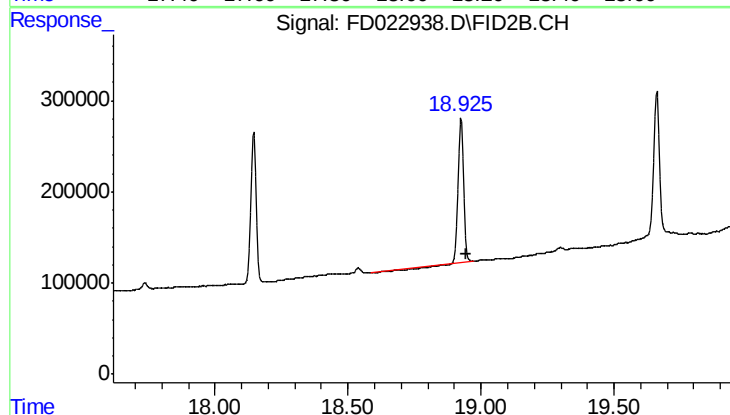
#17 n-Tricontane (C30)

R.T.: 17.317 min  
Delta R.T.: -0.017 min  
Response: 2262923  
Conc: 23.41 ug/ml



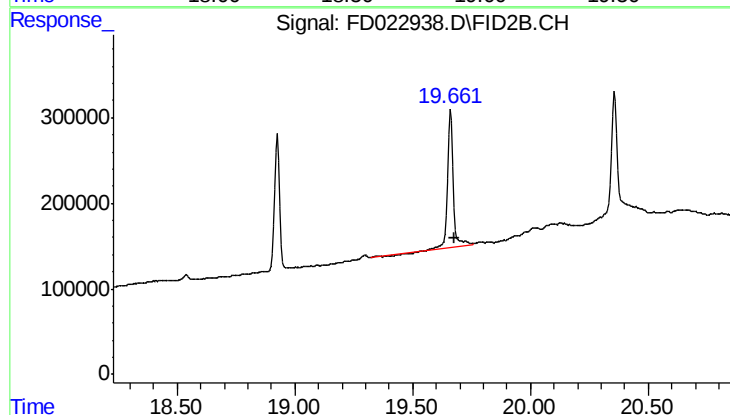
#18 n-Dotriacontane (C32)

R.T.: 18.145 min  
Delta R.T.: -0.019 min  
Response: 2226889  
Conc: 23.72 ug/ml



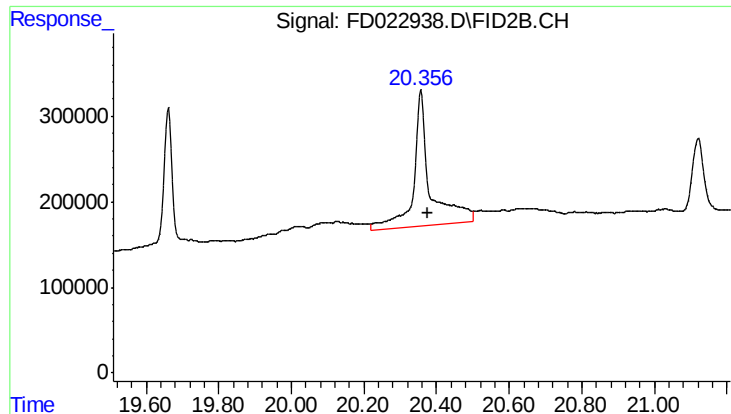
#19 n-Tetratriacontane (C34)

R.T.: 18.925 min  
Delta R.T.: -0.019 min  
Response: 2188965  
Conc: 24.33 ug/ml



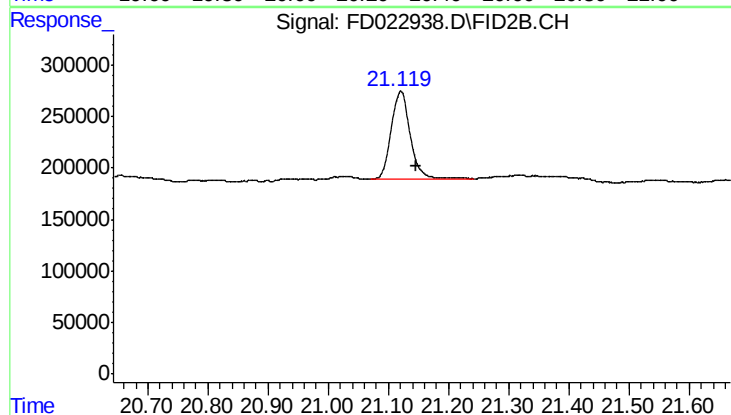
#20 n-Hexatriacontane (C36)

R.T.: 19.661 min  
Delta R.T.: -0.018 min  
Response: 2613915  
Conc: 30.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.356 min  
Delta R.T.: -0.019 min  
Response: 5001381  
Conc: 60.37 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.121 min  
Delta R.T.: -0.025 min  
Response: 1884990  
Conc: 24.20 ug/ml