

Data Path : P:\HPCHEM1\FID\_D\Data\FD042018AL\  
 Data File : FD023177.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Apr 2018 1:25  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 21 06:00:58 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 041718.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 18 01:21:26 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)    | 11.165 | 2443912    | 18.829 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.66%       |
| 12) S 1-chlorooctadecane (S... | 12.605 | 2029976    | 19.008 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.02%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.018  | 2247949    | 18.264 ug/ml |
| 2) T n-Decane (C10)            | 4.066  | 2311145    | 18.474 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.630  | 2336647    | 18.500 ug/ml |
| 4) T n-Dodecane (C12)          | 6.065  | 2393699    | 18.599 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.680  | 2394224    | 18.936 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.845  | 2436886    | 18.683 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.433  | 2424820    | 18.788 ug/ml |
| 8) T n-Octadecane (C18)        | 10.864 | 2369600    | 18.946 ug/ml |
| 10) T n-Eicosane (C20)         | 12.164 | 2368452    | 19.054 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.773 | 2329885    | 19.046 ug/ml |
| 13) T n-Docosane (C22)         | 13.355 | 2382897    | 19.644 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.450 | 2389590    | 20.168 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.464 | 2388343    | 20.510 ug/ml |
| 16) T n-Octacosane (C28)       | 16.408 | 2470080    | 20.972 ug/ml |
| 17) T n-Tricontane (C30)       | 17.291 | 2489781    | 21.329 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.118 | 2571475    | 21.254 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.897 | 2422447    | 19.958 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.632 | 2343006    | 19.371 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.329 | 2335691    | 19.144 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.082 | 2273954    | 18.032 ug/ml |
| -----                          |        |            |              |

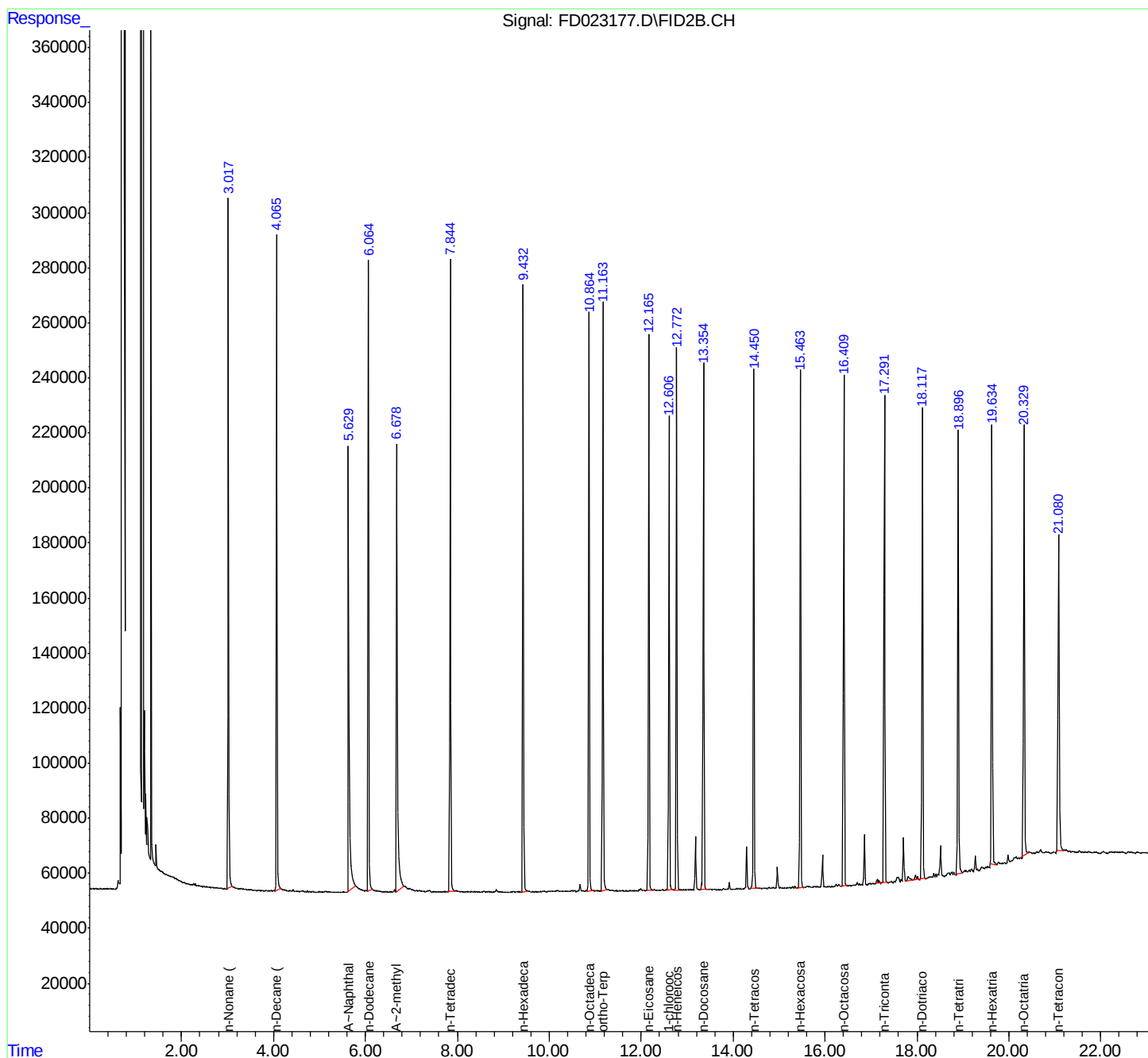
(f)=RT Delta > 1/2 Window

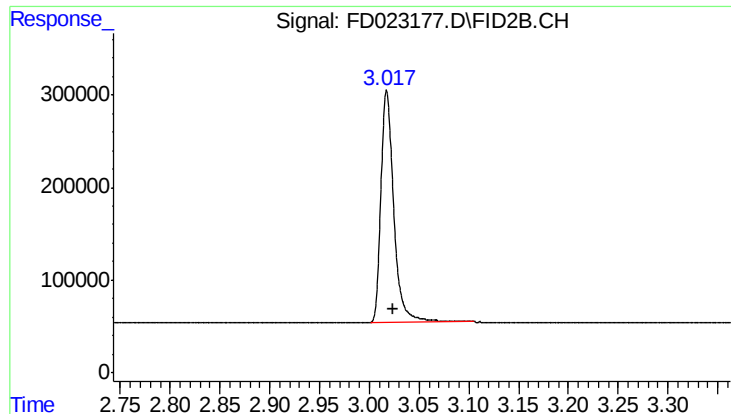
(m)=manual int.

Data Path : P:\HPCHEM1\FID\_D\Data\FD042018AL\  
Data File : FD023177.D  
Signal(s) : FID2B.CH  
Acq On : 21 Apr 2018 1:25  
Operator : UA/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
Quant Time: Apr 21 06:00:58 2018  
Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 041718.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 18 01:21:26 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

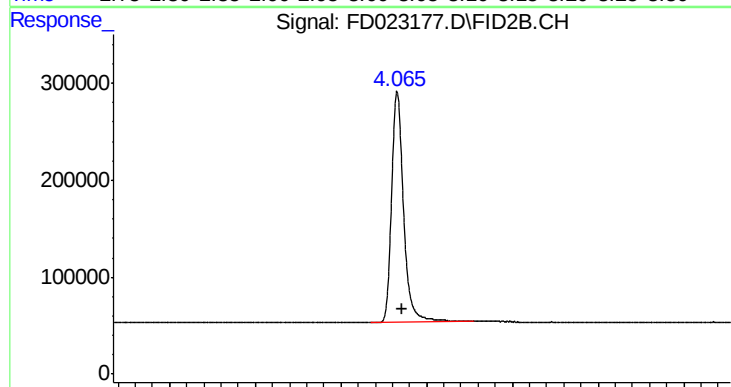
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





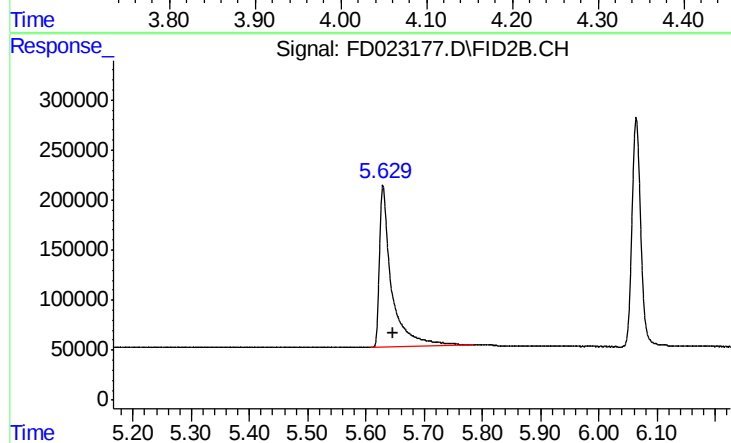
#1 n-Nonane (C9)

R.T.: 3.018 min  
Delta R.T.: -0.007 min  
Response: 2247949  
Conc: 18.26 ug/ml



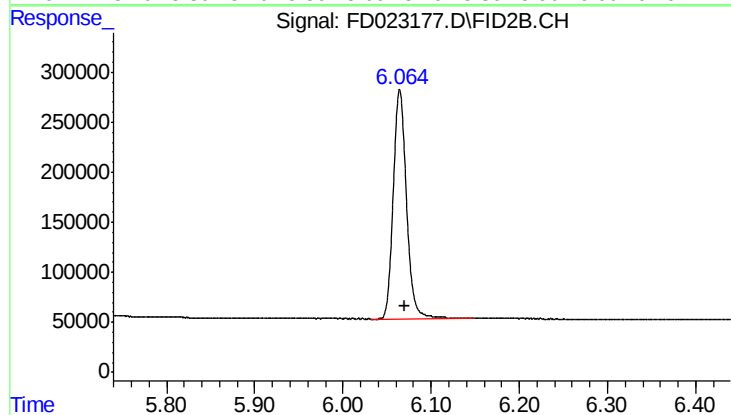
#2 n-Decane (C10)

R.T.: 4.066 min  
Delta R.T.: -0.006 min  
Response: 2311145  
Conc: 18.47 ug/ml



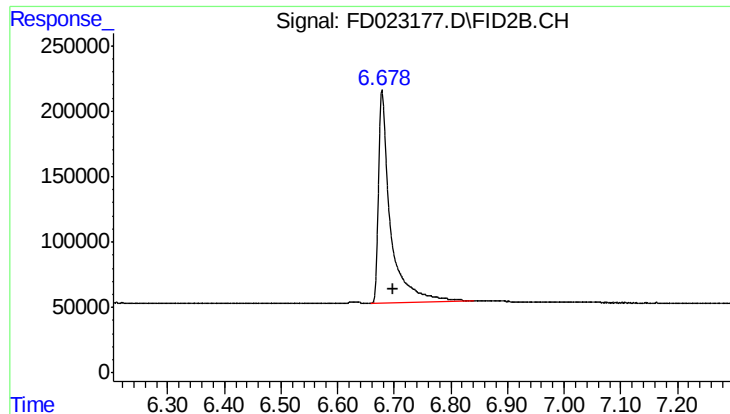
#3 A-Naphthalene (C11.7)

R.T.: 5.630 min  
Delta R.T.: -0.017 min  
Response: 2336647  
Conc: 18.50 ug/ml



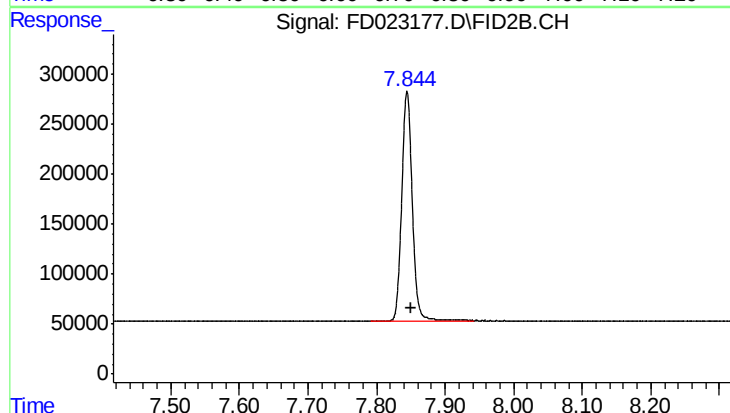
#4 n-Dodecane (C12)

R.T.: 6.065 min  
Delta R.T.: -0.005 min  
Response: 2393699  
Conc: 18.60 ug/ml



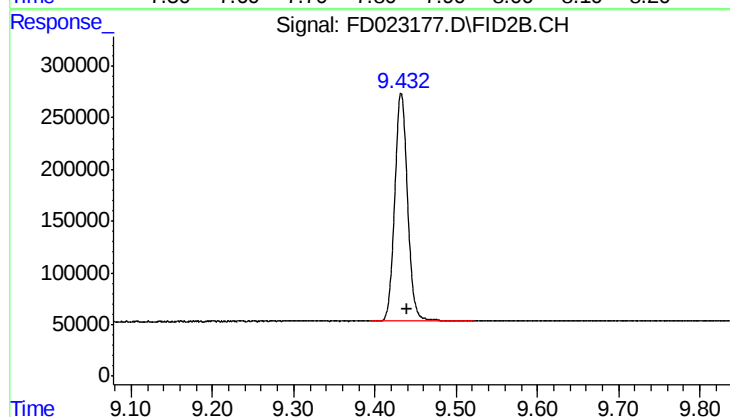
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.680 min  
Delta R.T.: -0.017 min  
Response: 2394224  
Conc: 18.94 ug/ml



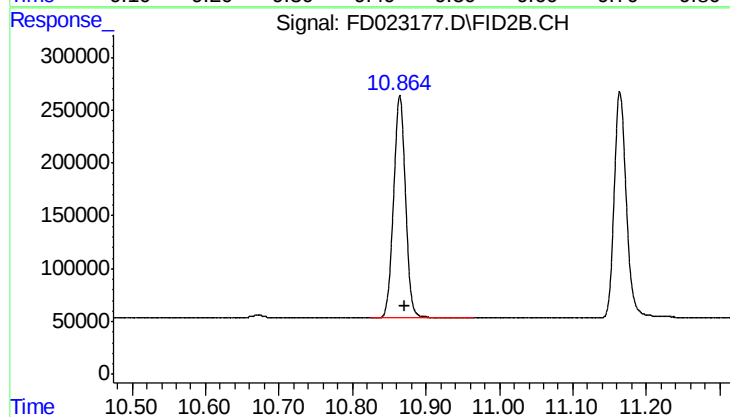
#6 n-Tetradecane (C14)

R.T.: 7.845 min  
Delta R.T.: -0.006 min  
Response: 2436886  
Conc: 18.68 ug/ml



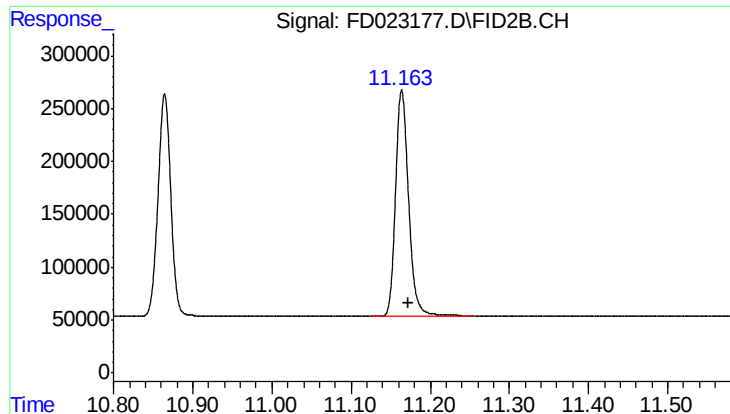
#7 n-Hexadecane (C16)

R.T.: 9.433 min  
Delta R.T.: -0.007 min  
Response: 2424820  
Conc: 18.79 ug/ml



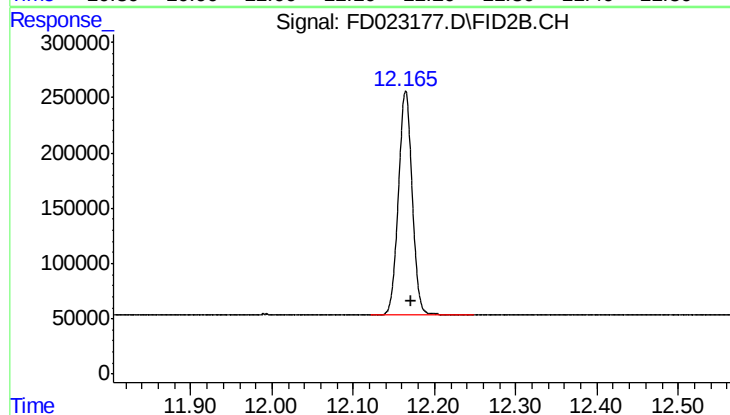
#8 n-Octadecane (C18)

R.T.: 10.864 min  
Delta R.T.: -0.006 min  
Response: 2369600  
Conc: 18.95 ug/ml



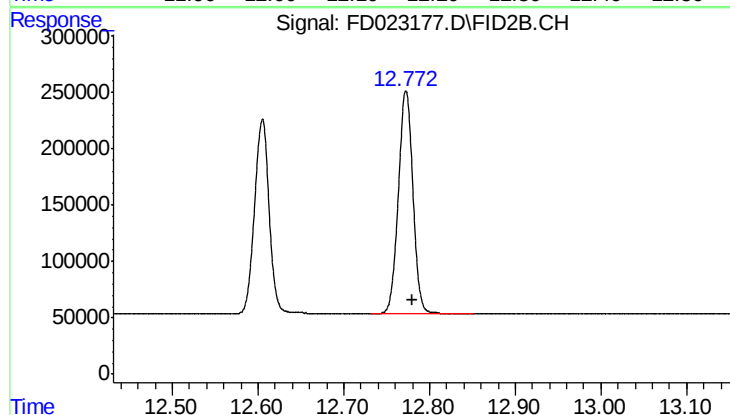
#9 ortho-Terphenyl (SURR)

R.T.: 11.165 min  
Delta R.T.: -0.008 min  
Response: 2443912  
Conc: 18.83 ug/ml



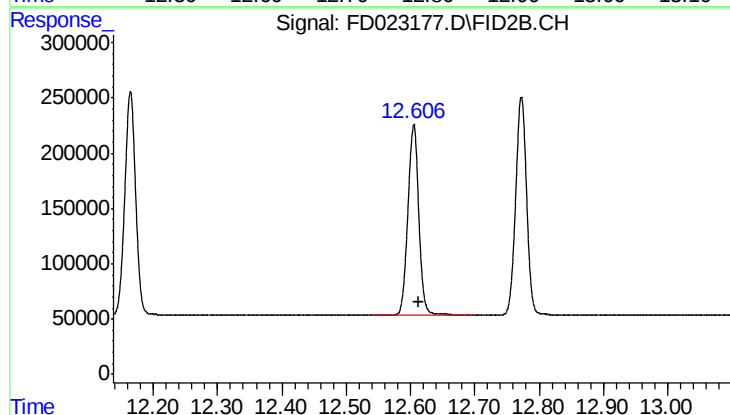
#10 n-Eicosane (C20)

R.T.: 12.164 min  
Delta R.T.: -0.007 min  
Response: 2368452  
Conc: 19.05 ug/ml



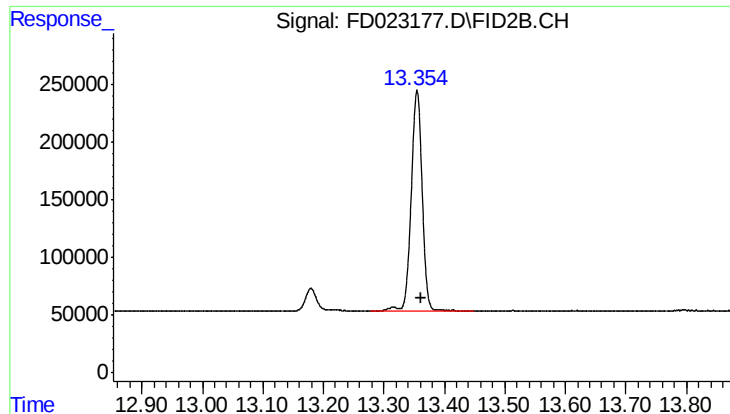
#11 n-Heneicosane (C21)

R.T.: 12.773 min  
Delta R.T.: -0.008 min  
Response: 2329885  
Conc: 19.05 ug/ml



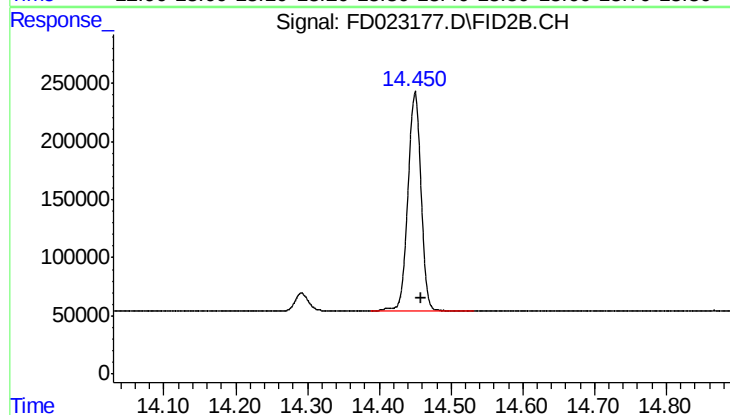
#12 1-chlorooctadecane (SURR)

R.T.: 12.605 min  
Delta R.T.: -0.007 min  
Response: 2029976  
Conc: 19.01 ug/ml



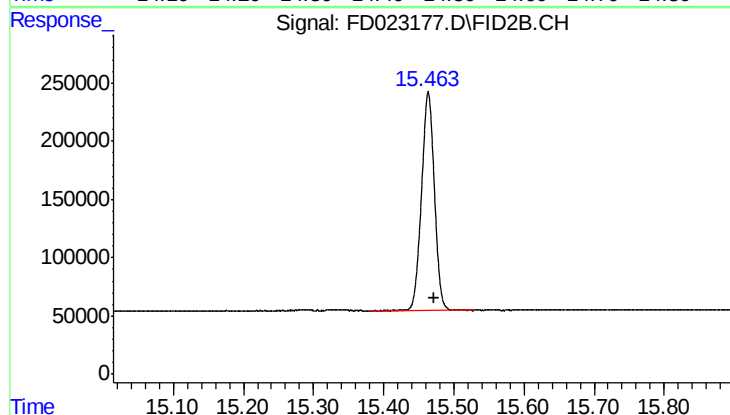
#13 n-Docosane (C22)

R.T.: 13.355 min  
Delta R.T.: -0.008 min  
Response: 2382897  
Conc: 19.64 ug/ml



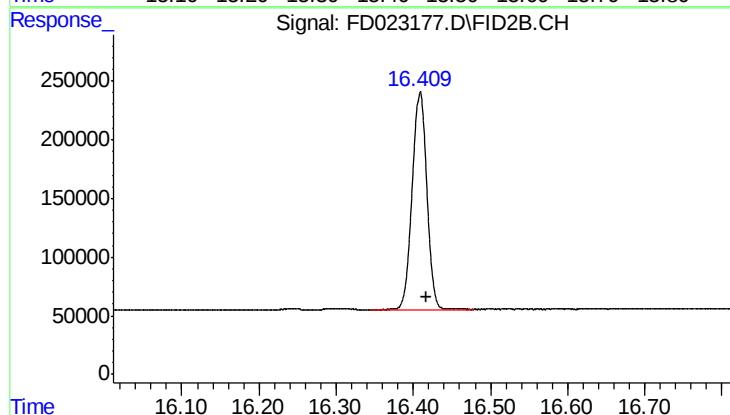
#14 n-Tetracosane (C24)

R.T.: 14.450 min  
Delta R.T.: -0.009 min  
Response: 2389590  
Conc: 20.17 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.464 min  
Delta R.T.: -0.009 min  
Response: 2388343  
Conc: 20.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.408 min  
Delta R.T.: -0.009 min  
Response: 2470080  
Conc: 20.97 ug/ml