

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042722AL\  
 Data File : FD042165.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Apr 2022 9:34  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 28 10:02:43 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 22 01:55:29 2022  
 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)    | 11.205 | 3580648    | 21.350 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.70%       |
| 12) S 1-chlorooctadecane (S... | 12.643 | 2789397    | 21.138 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.28%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.076  | 3057839    | 22.434 ug/ml |
| 2) T n-Decane (C10)            | 4.120  | 3077504    | 22.964 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.670  | 3274026    | 22.587 ug/ml |
| 4) T n-Dodecane (C12)          | 6.115  | 3210527    | 22.551 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.715  | 3255006    | 23.358 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.891  | 3211687    | 22.547 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.477  | 3234925    | 22.261 ug/ml |
| 8) T n-Octadecane (C18)        | 10.907 | 3268730    | 21.810 ug/ml |
| 10) T n-Eicosane (C20)         | 12.206 | 3269496    | 21.360 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.814 | 3244892    | 21.048 ug/ml |
| 13) T n-Docosane (C22)         | 13.396 | 3357288    | 21.780 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.491 | 3479299    | 22.497 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.505 | 3500125    | 22.755 ug/ml |
| 16) T n-Octacosane (C28)       | 16.449 | 3558692    | 23.276 ug/ml |
| 17) T n-Tricontane (C30)       | 17.331 | 3453573    | 23.024 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.159 | 3185565    | 22.529 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.937 | 2795817    | 21.725 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.672 | 2426500    | 21.443 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.368 | 2228705    | 22.337 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.139 | 2187525    | 24.252 ug/ml |
| -----                          |        |            |              |

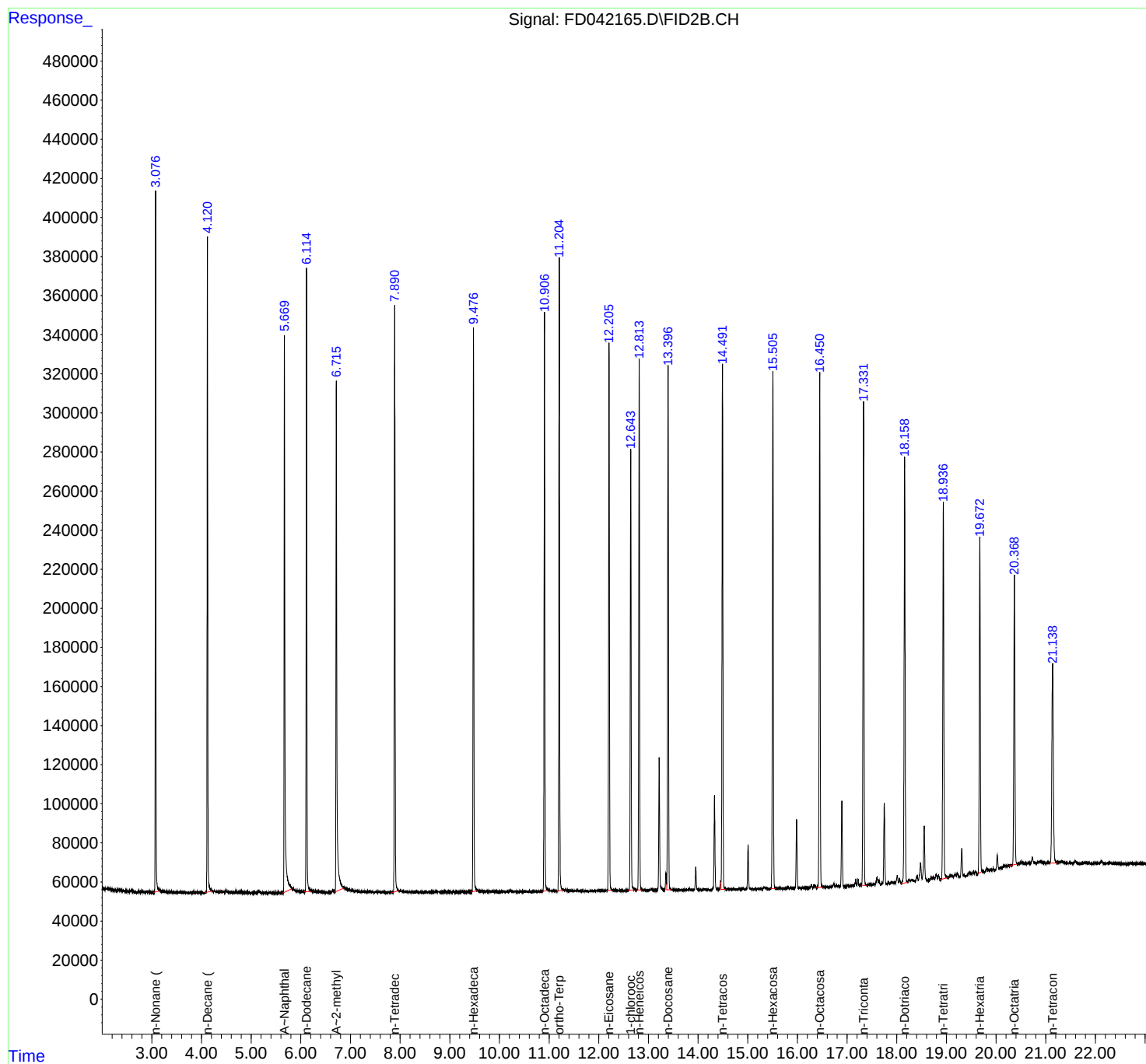
(f)=RT Delta > 1/2 Window

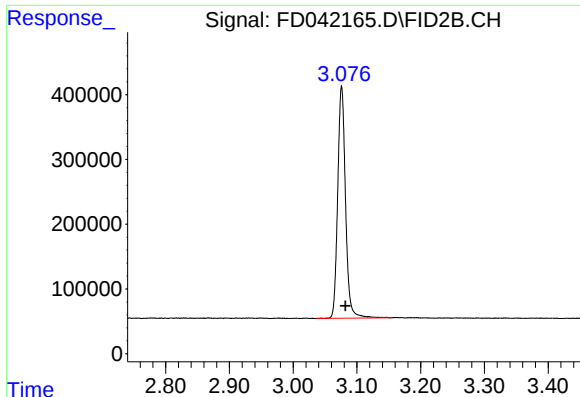
(m)=manual int.

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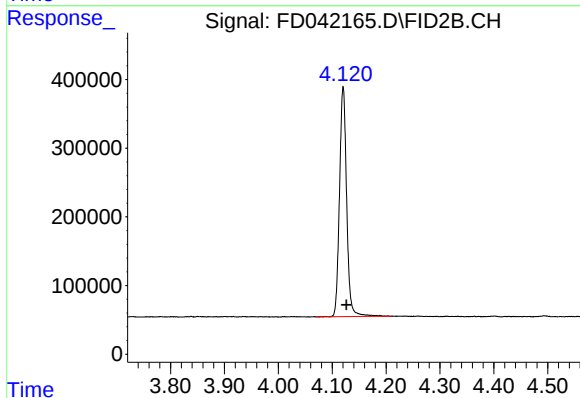
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





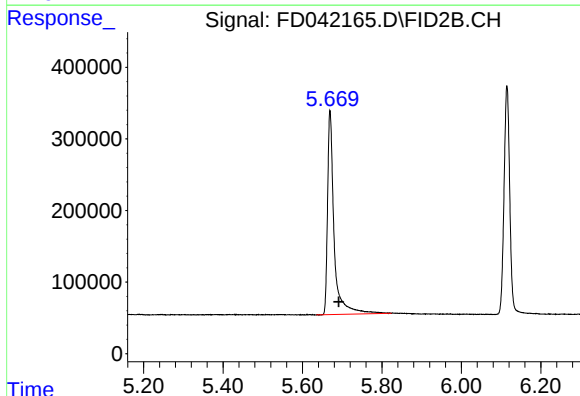
#1 n-Nonane (C9)

R.T.: 3.076 min  
Delta R.T.: -0.006 min  
Response: 3057839  
Conc: 22.43 ug/ml



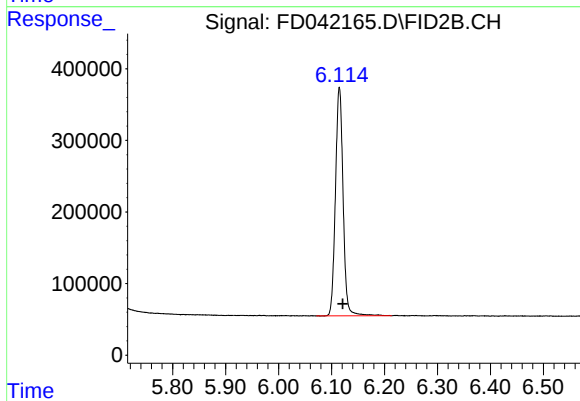
#2 n-Decane (C10)

R.T.: 4.120 min  
Delta R.T.: -0.006 min  
Response: 3077504  
Conc: 22.96 ug/ml



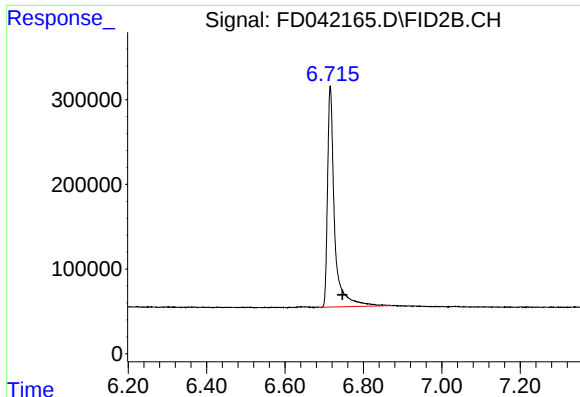
#3 A~Naphthalene (C11.7)

R.T.: 5.670 min  
Delta R.T.: -0.022 min  
Response: 3274026  
Conc: 22.59 ug/ml



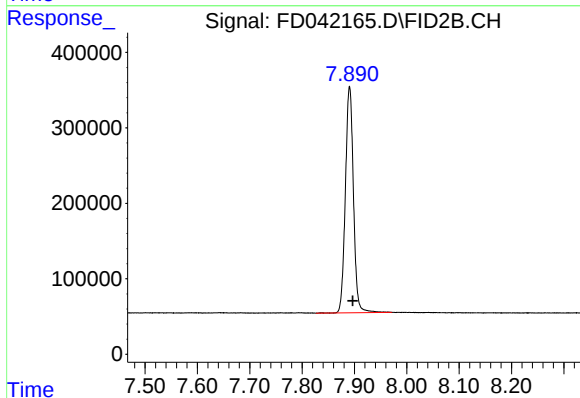
#4 n-Dodecane (C12)

R.T.: 6.115 min  
Delta R.T.: -0.006 min  
Response: 3210527  
Conc: 22.55 ug/ml



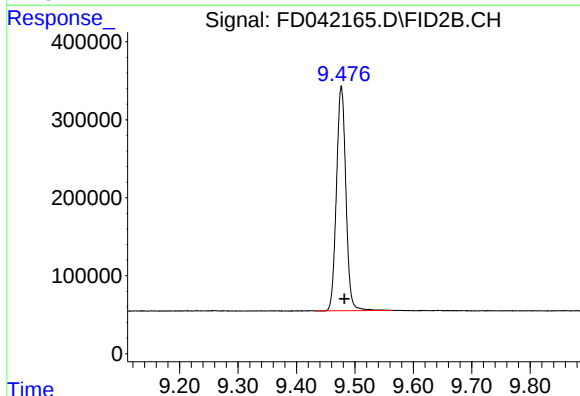
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.715 min  
Delta R.T.: -0.031 min  
Response: 3255006  
Conc: 23.36 ug/ml



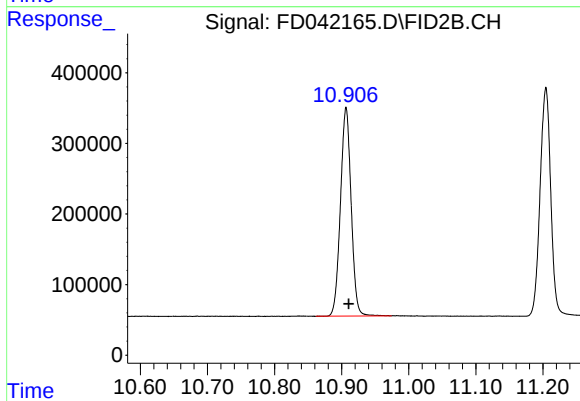
#6 n-Tetradecane (C14)

R.T.: 7.891 min  
Delta R.T.: -0.006 min  
Response: 3211687  
Conc: 22.55 ug/ml



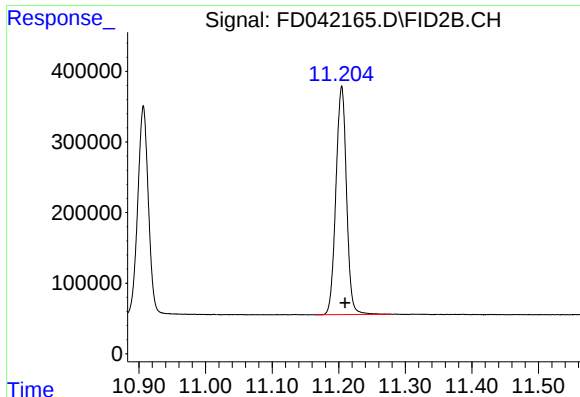
#7 n-Hexadecane (C16)

R.T.: 9.477 min  
Delta R.T.: -0.005 min  
Response: 3234925  
Conc: 22.26 ug/ml



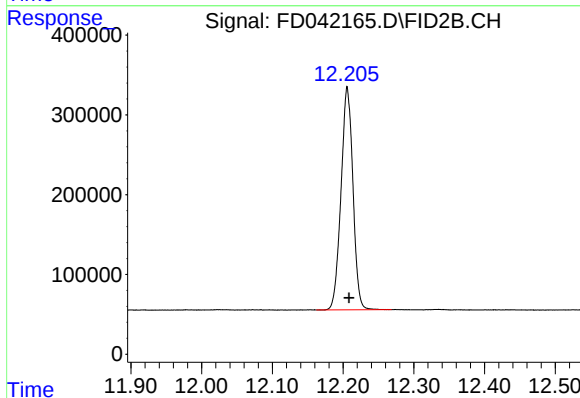
#8 n-Octadecane (C18)

R.T.: 10.907 min  
Delta R.T.: -0.004 min  
Response: 3268730  
Conc: 21.81 ug/ml



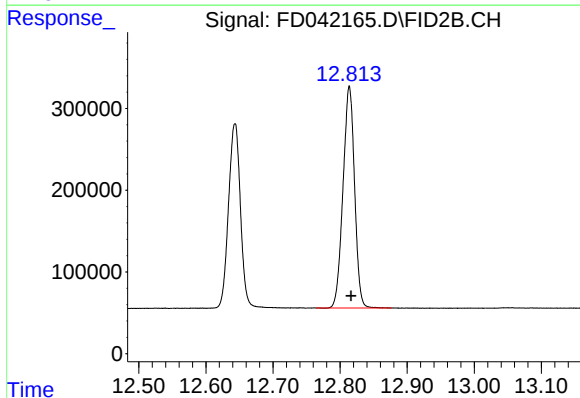
#9 ortho-Terphenyl (SURR)

R.T.: 11.205 min  
Delta R.T.: -0.005 min  
Response: 3580648  
Conc: 21.35 ug/ml



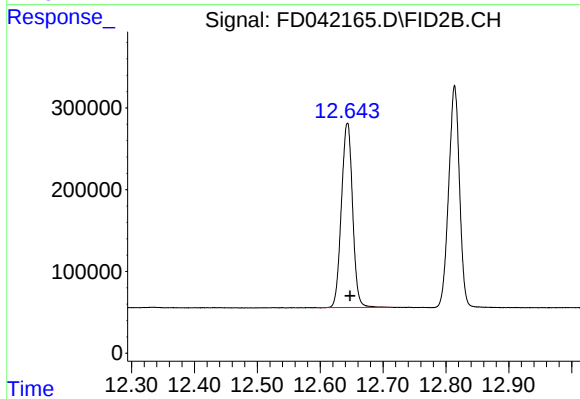
#10 n-Eicosane (C20)

R.T.: 12.206 min  
Delta R.T.: -0.003 min  
Response: 3269496  
Conc: 21.36 ug/ml



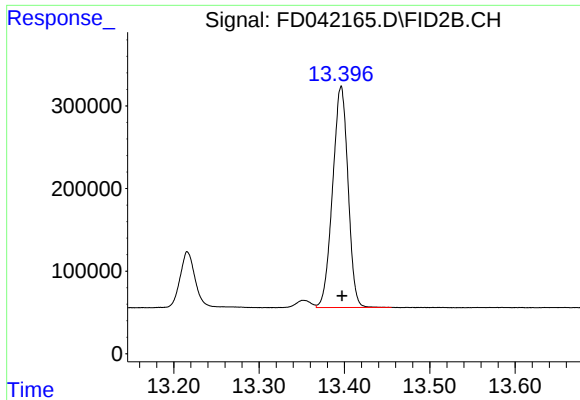
#11 n-Heneicosane (C21)

R.T.: 12.814 min  
Delta R.T.: -0.002 min  
Response: 3244892  
Conc: 21.05 ug/ml



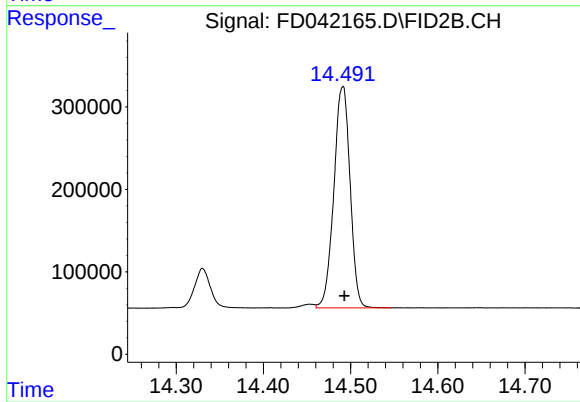
#12 1-chlorooctadecane (SURR)

R.T.: 12.643 min  
Delta R.T.: -0.004 min  
Response: 2789397  
Conc: 21.14 ug/ml



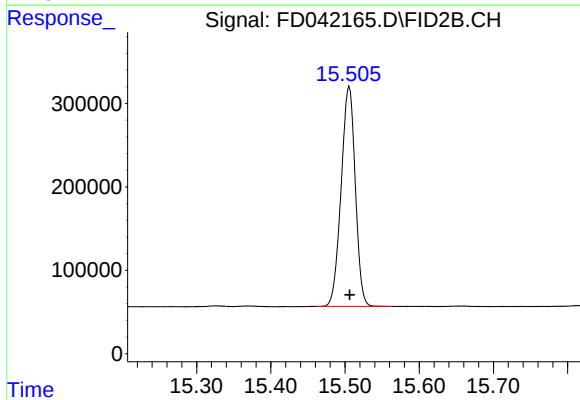
#13 n-Docosane (C22)

R.T.: 13.396 min  
Delta R.T.: -0.001 min  
Response: 3357288  
Conc: 21.78 ug/ml



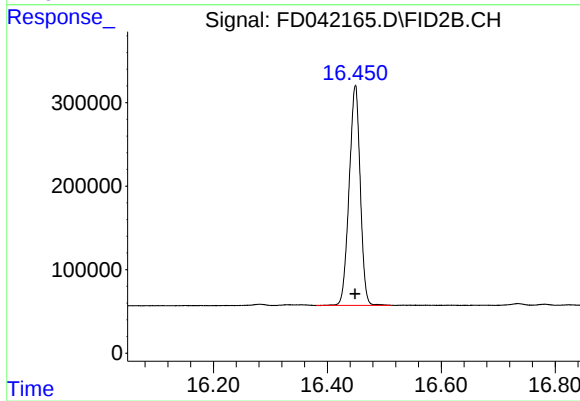
#14 n-Tetracosane (C24)

R.T.: 14.491 min  
Delta R.T.: -0.002 min  
Response: 3479299  
Conc: 22.50 ug/ml



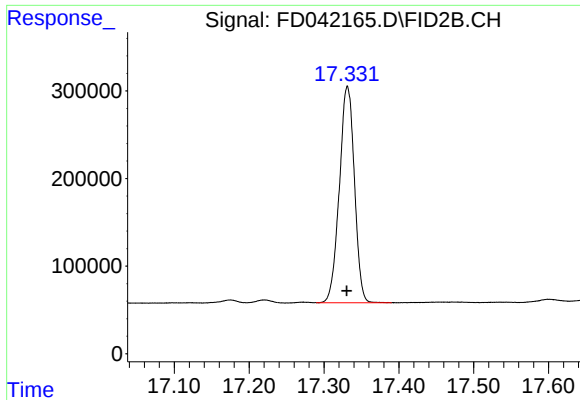
#15 n-Hexacosane (C26)

R.T.: 15.505 min  
Delta R.T.: 0.000 min  
Response: 3500125  
Conc: 22.76 ug/ml



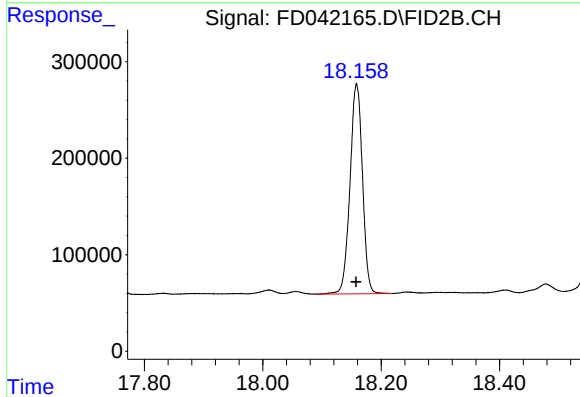
#16 n-Octacosane (C28)

R.T.: 16.449 min  
Delta R.T.: 0.000 min  
Response: 3558692  
Conc: 23.28 ug/ml



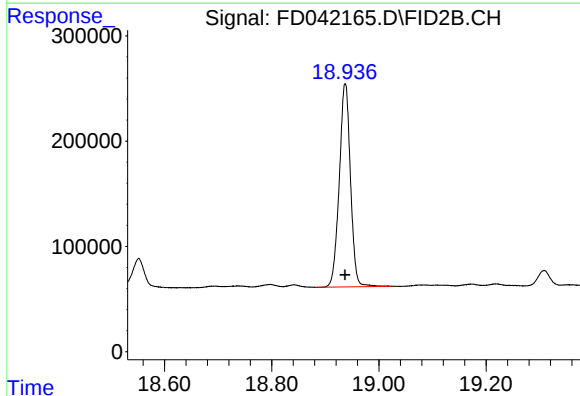
#17 n-Tricontane (C30)

R.T.: 17.331 min  
Delta R.T.: 0.000 min  
Response: 3453573  
Conc: 23.02 ug/ml



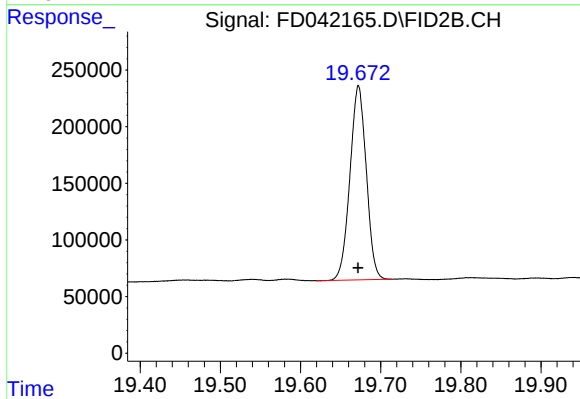
#18 n-Dotriacontane (C32)

R.T.: 18.159 min  
Delta R.T.: 0.001 min  
Response: 3185565  
Conc: 22.53 ug/ml



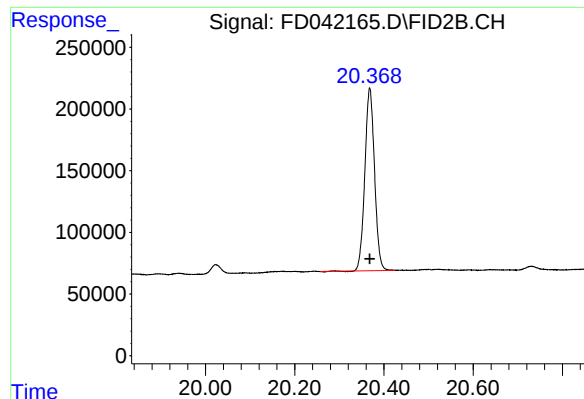
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min  
Delta R.T.: 0.000 min  
Response: 2795817  
Conc: 21.73 ug/ml



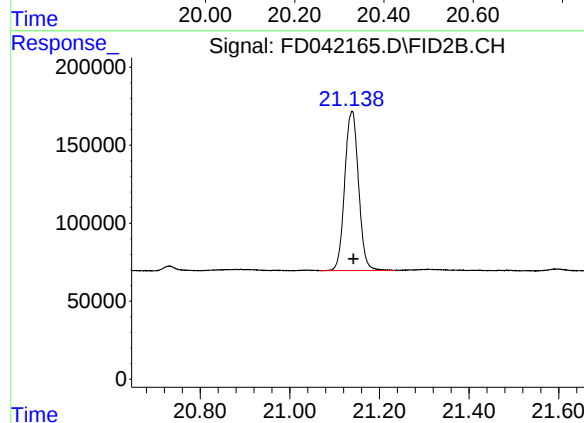
#20 n-Hexatriacontane (C36)

R.T.: 19.672 min  
Delta R.T.: 0.000 min  
Response: 2426500  
Conc: 21.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.368 min  
Delta R.T.: 0.000 min  
Response: 2228705  
Conc: 22.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.139 min  
Delta R.T.: -0.003 min  
Response: 2187525  
Conc: 24.25 ug/ml