

Data Path : P:\HPCHEM1\FID_D\Data\FD042418AL\
 Data File : FD023261.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2018 17:14
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 25 05:07:21 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)	11.148	2316811	17.850 ug/ml
Spiked Amount 50.000		Recovery =	35.70%
12) S 1-chlorooctadecane (S...	12.585	1905208	17.840 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
Target Compounds			
1) T n-Nonane (C9)	3.017	2358854	19.165 ug/ml
2) T n-Decane (C10)	4.062	2403303	19.211 ug/ml
3) T A~Naphthalene (C11.7)	5.619	2548725	20.180 ug/ml
4) T n-Dodecane (C12)	6.056	2445248	19.000 ug/ml
5) T A~2-methylnaphthalene...	6.666	2426264	19.189 ug/mlm
6) T n-Tetradecane (C14)	7.835	2404246	18.433 ug/ml
7) T n-Hexadecane (C16)	9.420	2320622	17.980 ug/ml
8) T n-Octadecane (C18)	10.849	2209982	17.670 ug/ml
10) T n-Eicosane (C20)	12.147	2199373	17.693 ug/ml
11) T n-Heneicosane (C21)	12.754	2173164	17.765 ug/ml
13) T n-Docosane (C22)	13.335	2187102	18.030 ug/ml
14) T n-Tetracosane (C24)	14.431	2197923	18.550 ug/ml
15) T n-Hexacosane (C26)	15.443	2188716	18.796 ug/mlm
16) T n-Octacosane (C28)	16.385	2238228	19.003 ug/mlm
17) T n-Tricontane (C30)	17.267	2224348	19.055 ug/ml
18) T n-Dotriacontane (C32)	18.093	2245015	18.555 ug/ml
19) T n-Tetratriacontane (C34)	18.870	2291576	18.880 ug/mlm
20) T n-Hexatriacontane (C36)	19.605	2283142	18.876 ug/mlm
21) T n-Octatriacontane (C38)	20.302	2301630	18.865 ug/mlm
22) T n-Tetracontane (C40)	21.046	2226008	17.652 ug/mlm

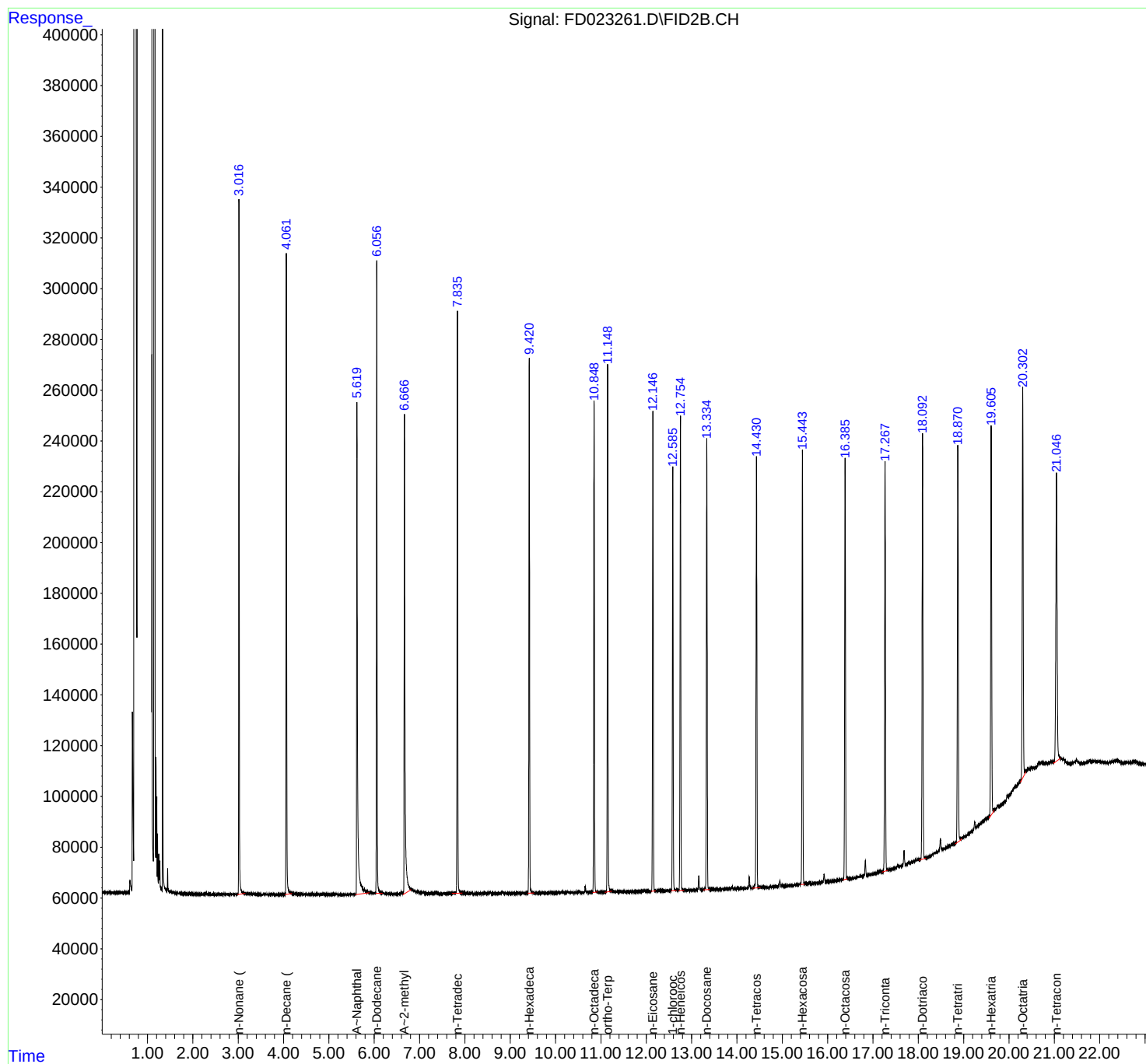
(f)=RT Delta > 1/2 Window

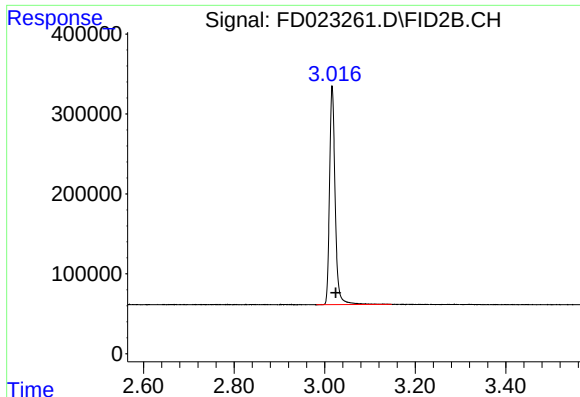
(m)=manual int.

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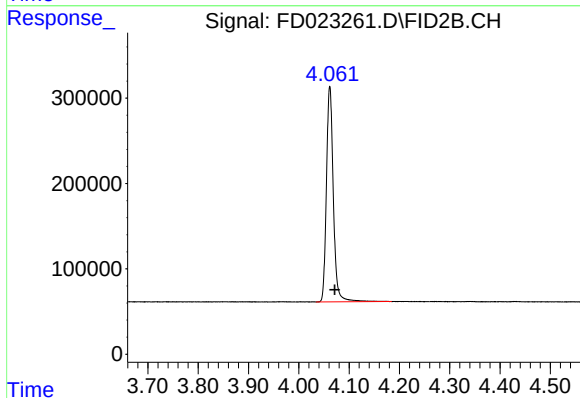
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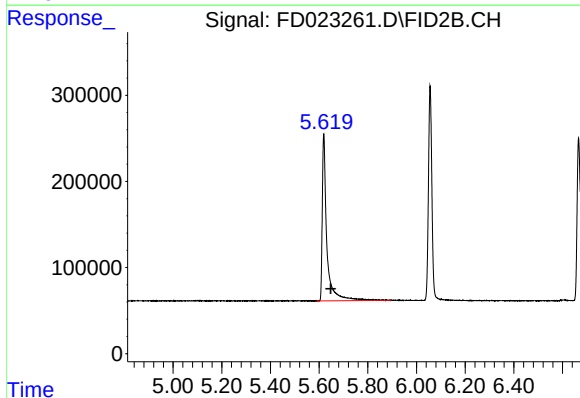
#1 n-Nonane (C9)

R.T.: 3.017 min
Delta R.T.: -0.008 min
Response: 2358854
Conc: 19.17 ug/ml



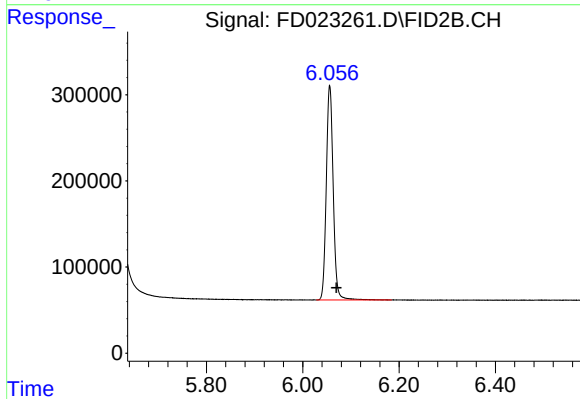
#2 n-Decane (C10)

R.T.: 4.062 min
Delta R.T.: -0.010 min
Response: 2403303
Conc: 19.21 ug/ml



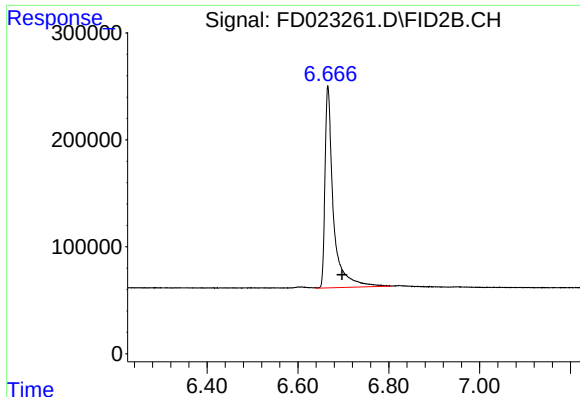
#3 A~Naphthalene (C11.7)

R.T.: 5.619 min
Delta R.T.: -0.028 min
Response: 2548725
Conc: 20.18 ug/ml



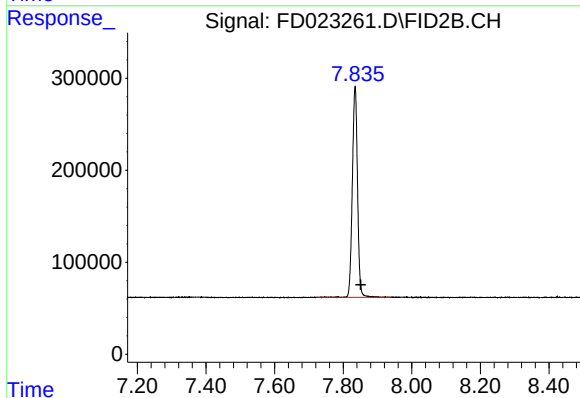
#4 n-Dodecane (C12)

R.T.: 6.056 min
Delta R.T.: -0.014 min
Response: 2445248
Conc: 19.00 ug/ml



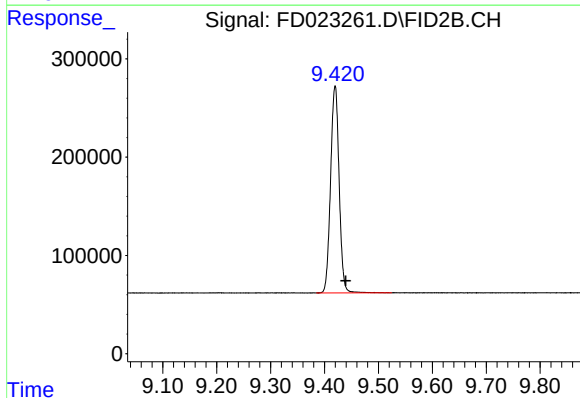
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.666 min
Delta R.T.: -0.031 min
Response: 2426264
Conc: 19.19 ug/ml m



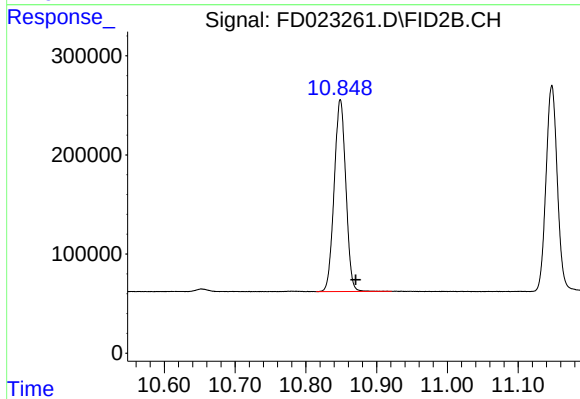
#6 n-Tetradecane (C14)

R.T.: 7.835 min
Delta R.T.: -0.016 min
Response: 2404246
Conc: 18.43 ug/ml



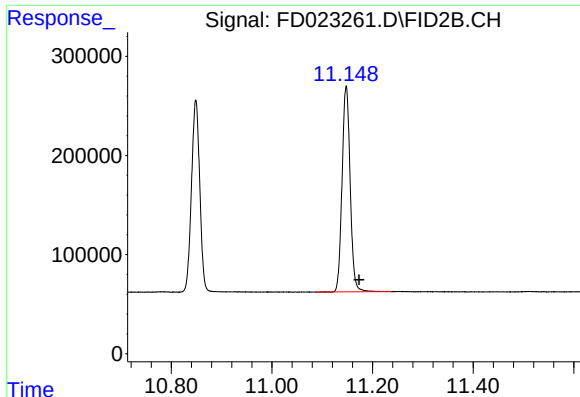
#7 n-Hexadecane (C16)

R.T.: 9.420 min
Delta R.T.: -0.020 min
Response: 2320622
Conc: 17.98 ug/ml



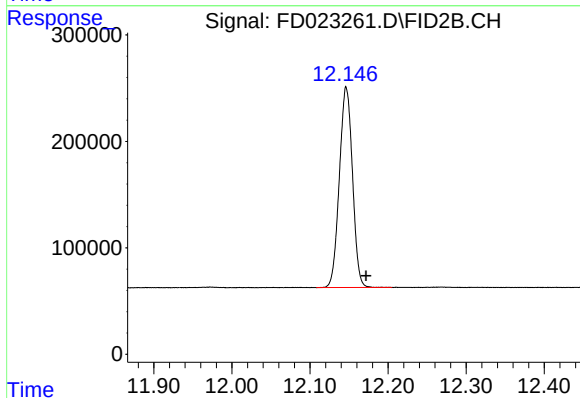
#8 n-Octadecane (C18)

R.T.: 10.849 min
Delta R.T.: -0.022 min
Response: 2209982
Conc: 17.67 ug/ml



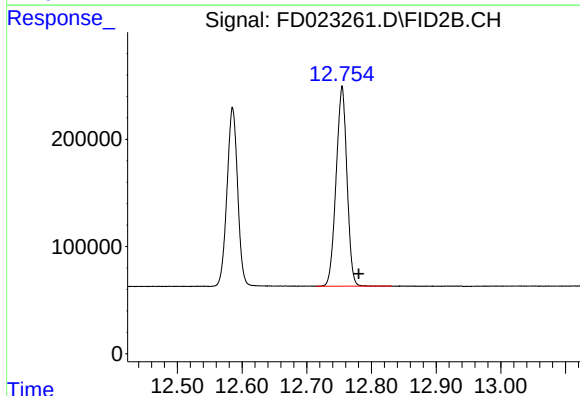
#9 ortho-Terphenyl (SURR)

R.T.: 11.148 min
Delta R.T.: -0.025 min
Response: 2316811
Conc: 17.85 ug/ml



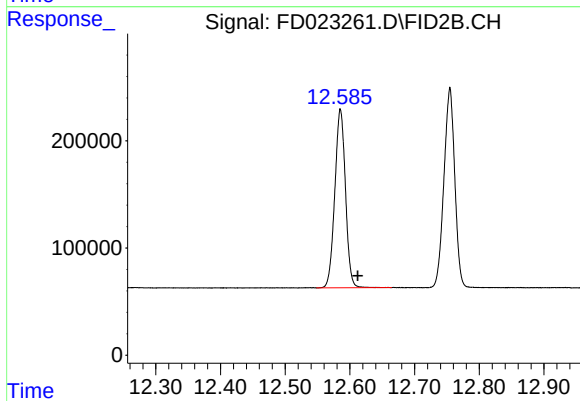
#10 n-Eicosane (C20)

R.T.: 12.147 min
Delta R.T.: -0.025 min
Response: 2199373
Conc: 17.69 ug/ml



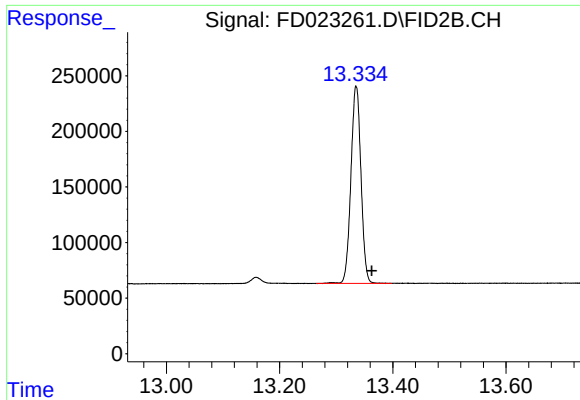
#11 n-Heneicosane (C21)

R.T.: 12.754 min
Delta R.T.: -0.026 min
Response: 2173164
Conc: 17.77 ug/ml



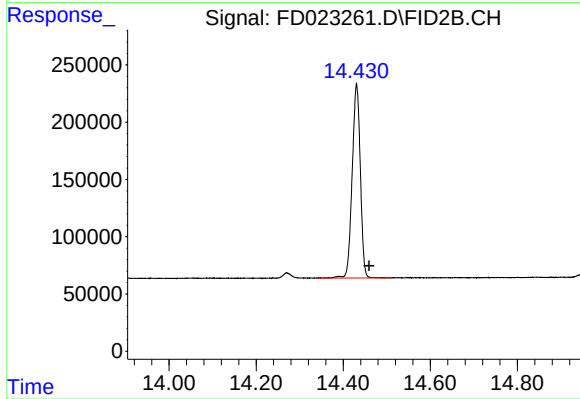
#12 1-chlorooctadecane (SURR)

R.T.: 12.585 min
Delta R.T.: -0.027 min
Response: 1905208
Conc: 17.84 ug/ml



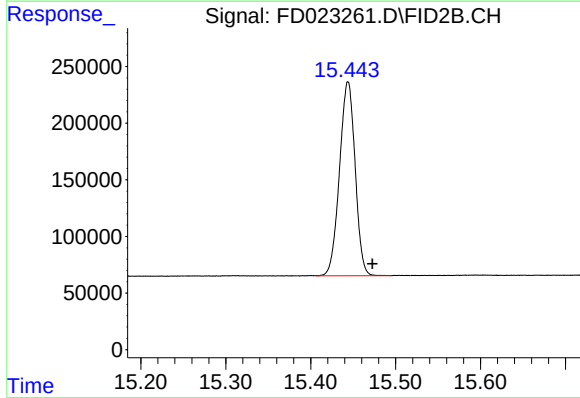
#13 n-Docosane (C22)

R.T.: 13.335 min
Delta R.T.: -0.027 min
Response: 2187102
Conc: 18.03 ug/ml



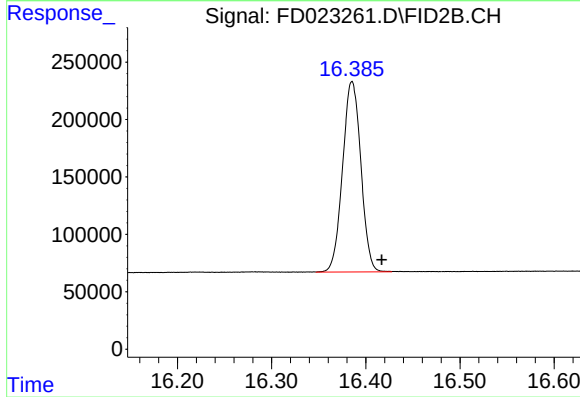
#14 n-Tetracosane (C24)

R.T.: 14.431 min
Delta R.T.: -0.028 min
Response: 2197923
Conc: 18.55 ug/ml



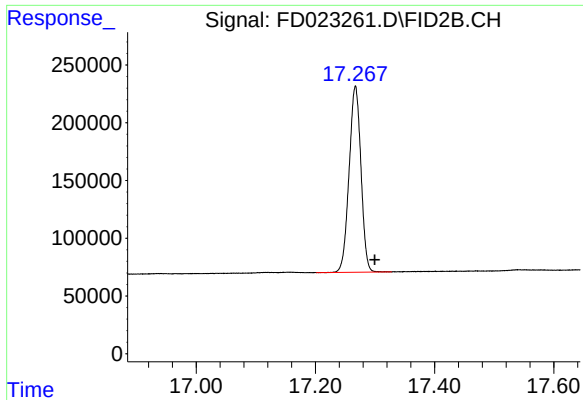
#15 n-Hexacosane (C26)

R.T.: 15.443 min
Delta R.T.: -0.030 min
Response: 2188716
Conc: 18.80 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.385 min
Delta R.T.: -0.032 min
Response: 2238228
Conc: 19.00 ug/ml m



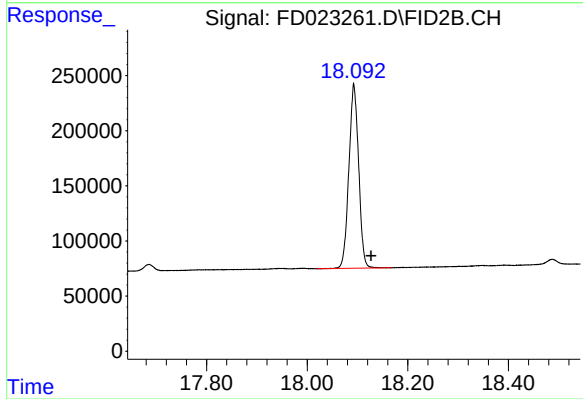
#17 n-Tricontane (C30)

R.T.: 17.267 min

Delta R.T.: -0.032 min

Response: 2224348

Conc: 19.05 ug/ml



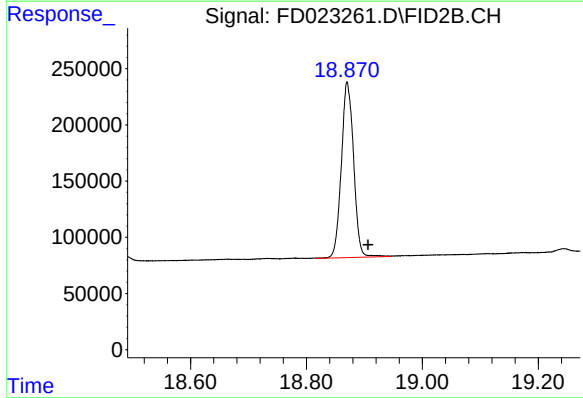
#18 n-Dotriacontane (C32)

R.T.: 18.093 min

Delta R.T.: -0.034 min

Response: 2245015

Conc: 18.56 ug/ml



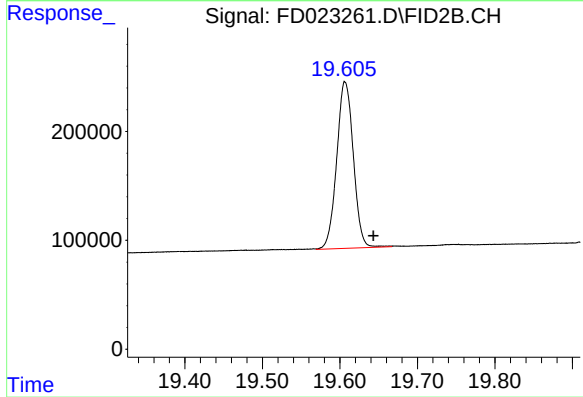
#19 n-Tetratriacontane (C34)

R.T.: 18.870 min

Delta R.T.: -0.036 min

Response: 2291576

Conc: 18.88 ug/ml m



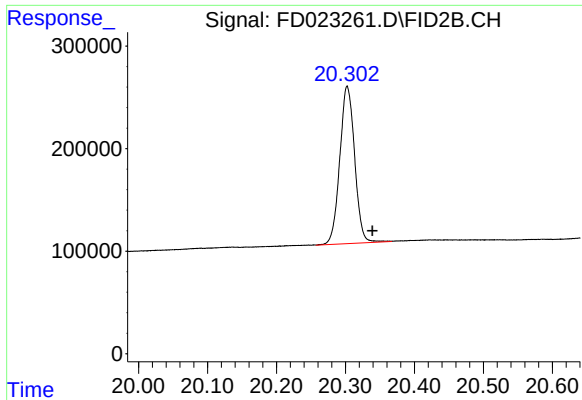
#20 n-Hexatriacontane (C36)

R.T.: 19.605 min

Delta R.T.: -0.038 min

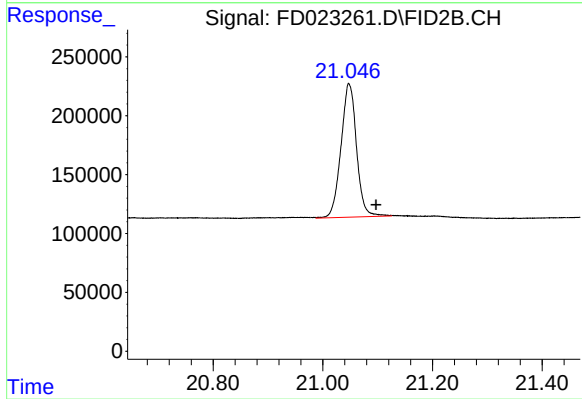
Response: 2283142

Conc: 18.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.302 min
Delta R.T.: -0.037 min
Response: 2301630
Conc: 18.86 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.046 min
Delta R.T.: -0.051 min
Response: 2226008
Conc: 17.65 ug/ml m