

Data Path : P:\HPCHEM1\FID_D\Data\FD040718AL\
 Data File : FD022875.D
 Signal(s) : FID2B.CH
 Acq On : 07 Apr 2018 16:43
 Operator : UA/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 07 17:51:29 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)	11.189	2166729	21.106 ug/ml
Spiked Amount 50.000		Recovery =	42.21%
12) S 1-chlorooctadecane (S...	12.631	1754859	22.201 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
Target Compounds			
1) T n-Nonane (C9)	3.031	1770659	20.133 ug/ml
2) T n-Decane (C10)	4.083	1790452	20.184 ug/ml
3) T A~Naphthalene (C11.7)	5.646	1973910	20.887 ug/ml
4) T n-Dodecane (C12)	6.085	1852236	20.130 ug/ml
5) T A~2-methylnaphthalene...	6.695	2005239	20.750 ug/ml
6) T n-Tetradecane (C14)	7.867	1893523	20.015 ug/ml
7) T n-Hexadecane (C16)	9.456	1917051	20.104 ug/ml
8) T n-Octadecane (C18)	10.889	1922773	20.402 ug/ml
10) T n-Eicosane (C20)	12.192	1995797	20.747 ug/ml
11) T n-Heneicosane (C21)	12.800	1993642	20.697 ug/ml
13) T n-Docosane (C22)	13.383	2054438	21.179 ug/ml
14) T n-Tetracosane (C24)	14.481	2148397	22.075 ug/ml
15) T n-Hexacosane (C26)	15.496	2198405	22.449 ug/ml
16) T n-Octacosane (C28)	16.441	2280987	22.928 ug/ml
17) T n-Tricontane (C30)	17.324	2241565	23.194 ug/ml
18) T n-Dotriacontane (C32)	18.151	2224711	23.693 ug/ml
19) T n-Tetratriacontane (C34)	18.930	2085425	23.179 ug/mlm
20) T n-Hexatriacontane (C36)	19.668	1986686	23.266 ug/mlm
21) T n-Octatriacontane (C38)	20.365	1907948	23.029 ug/mlm
22) T n-Tetracontane (C40)	21.130	1538589	19.755 ug/mlm

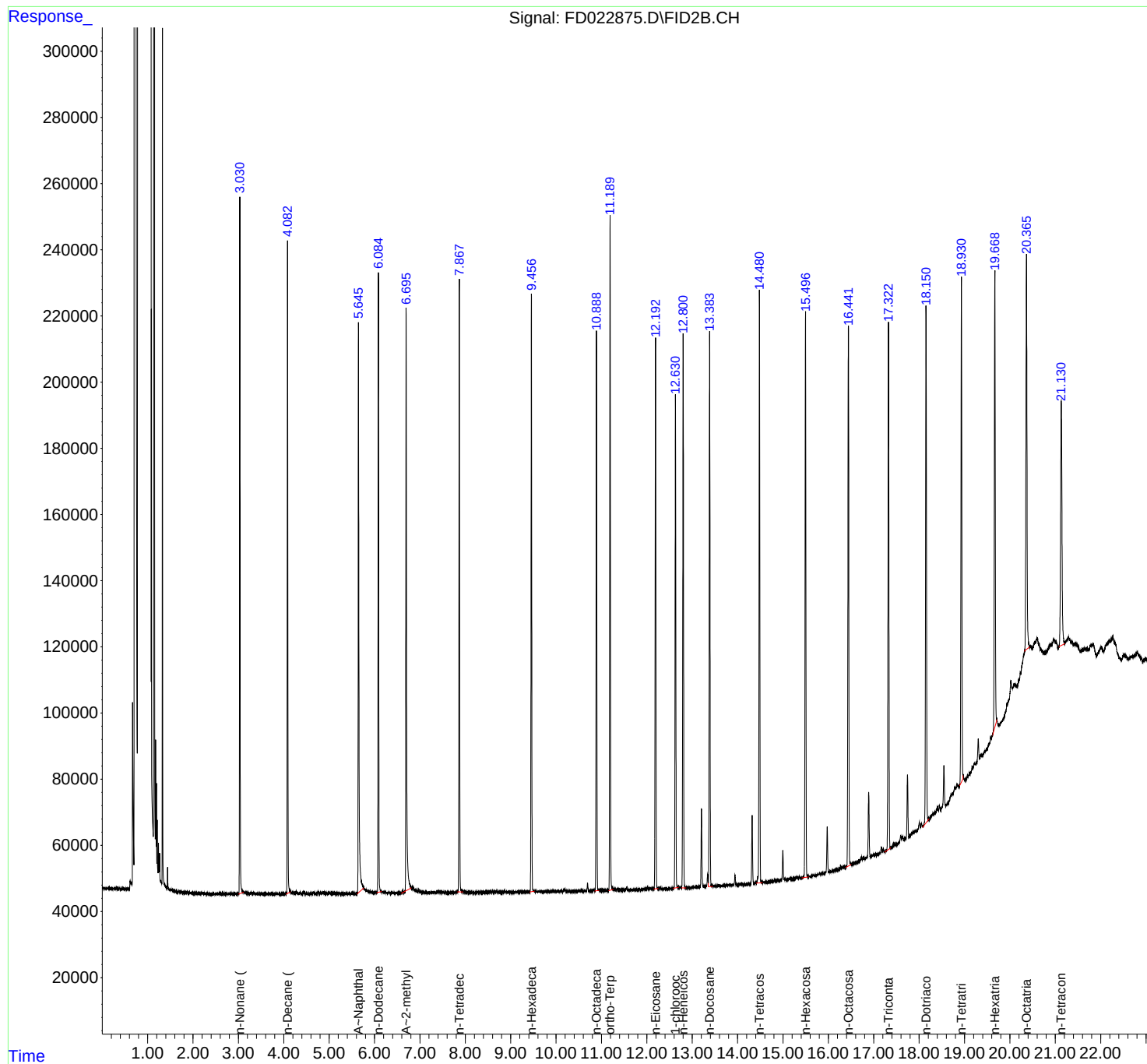
(f)=RT Delta > 1/2 Window

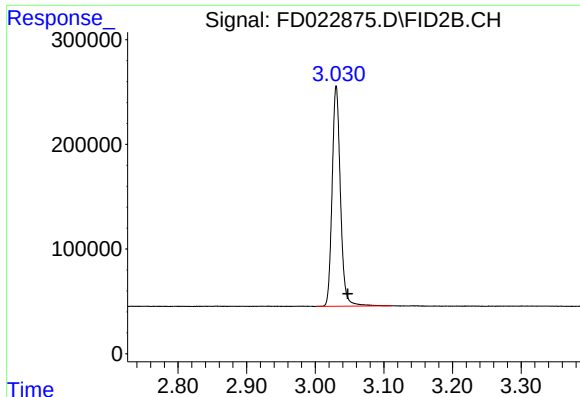
(m)=manual int.

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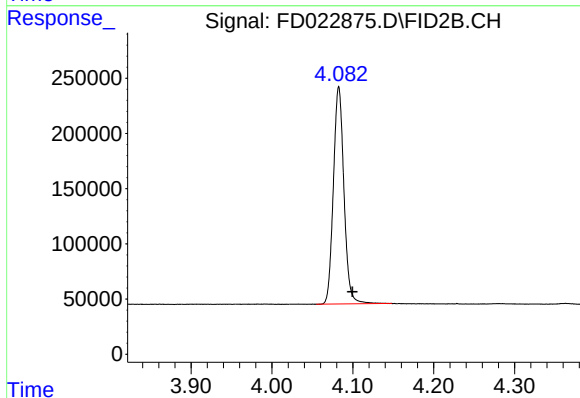
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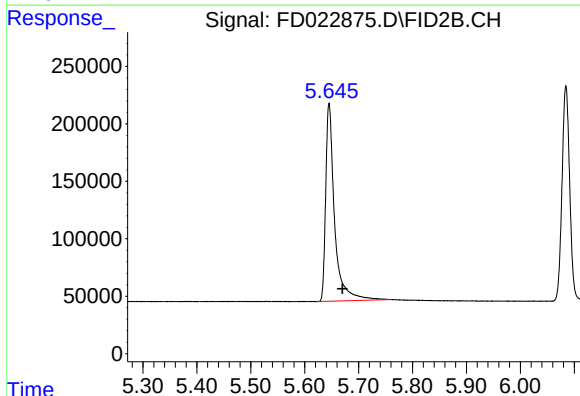
#1 n-Nonane (C9)

R.T.: 3.031 min
Delta R.T.: -0.017 min
Response: 1770659
Conc: 20.13 ug/ml



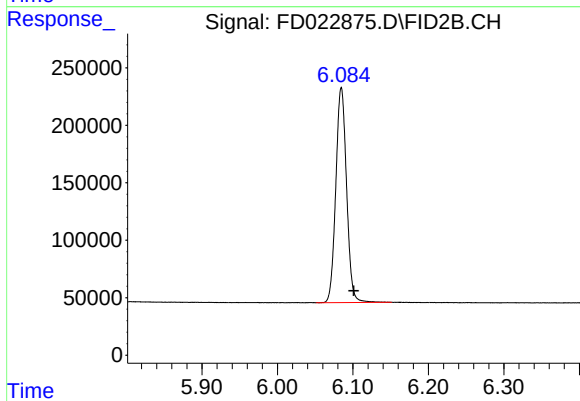
#2 n-Decane (C10)

R.T.: 4.083 min
Delta R.T.: -0.017 min
Response: 1790452
Conc: 20.18 ug/ml



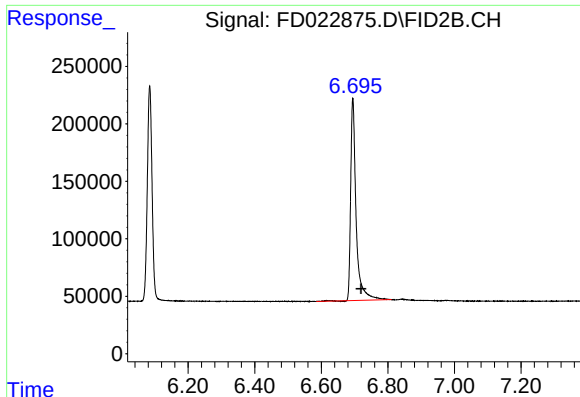
#3 A~Naphthalene (C11.7)

R.T.: 5.646 min
Delta R.T.: -0.024 min
Response: 1973910
Conc: 20.89 ug/ml



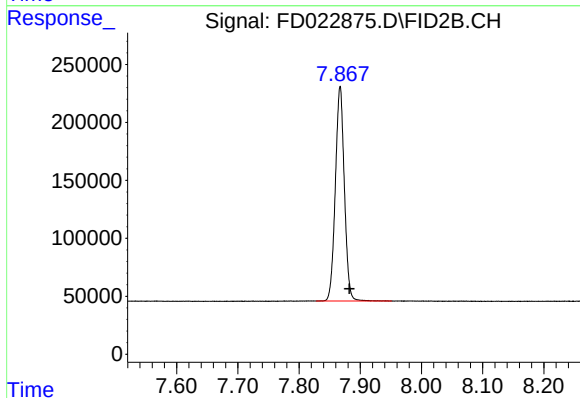
#4 n-Dodecane (C12)

R.T.: 6.085 min
Delta R.T.: -0.016 min
Response: 1852236
Conc: 20.13 ug/ml



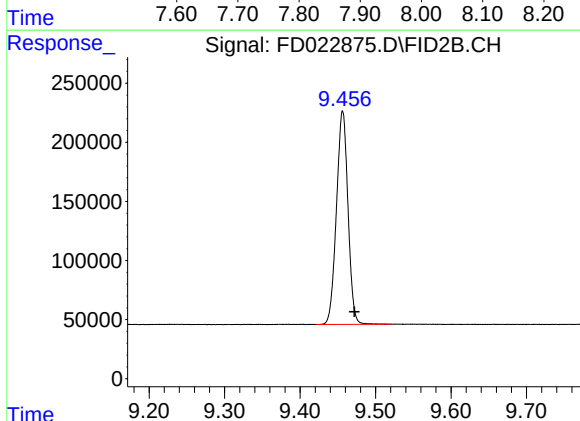
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.695 min
Delta R.T.: -0.024 min
Response: 2005239
Conc: 20.75 ug/ml



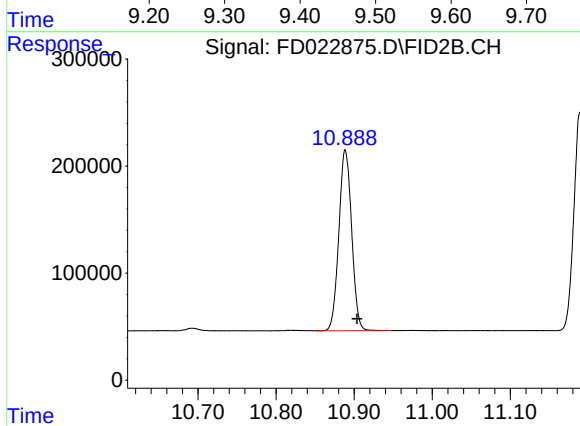
#6 n-Tetradecane (C14)

R.T.: 7.867 min
Delta R.T.: -0.015 min
Response: 1893523
Conc: 20.02 ug/ml



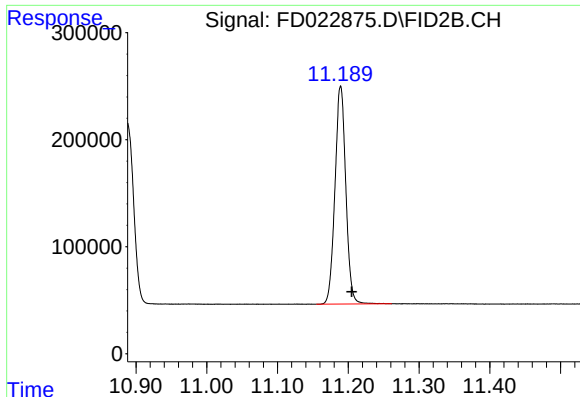
#7 n-Hexadecane (C16)

R.T.: 9.456 min
Delta R.T.: -0.016 min
Response: 1917051
Conc: 20.10 ug/ml



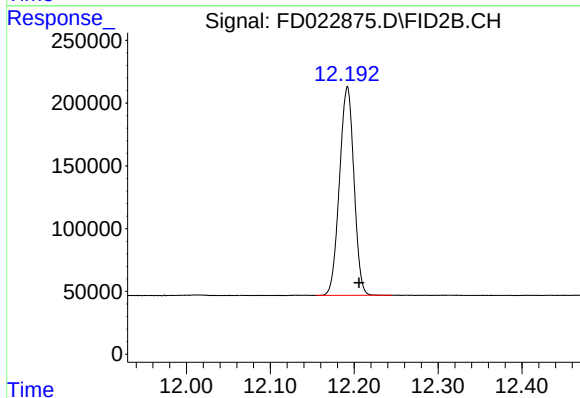
#8 n-Octadecane (C18)

R.T.: 10.889 min
Delta R.T.: -0.015 min
Response: 1922773
Conc: 20.40 ug/ml



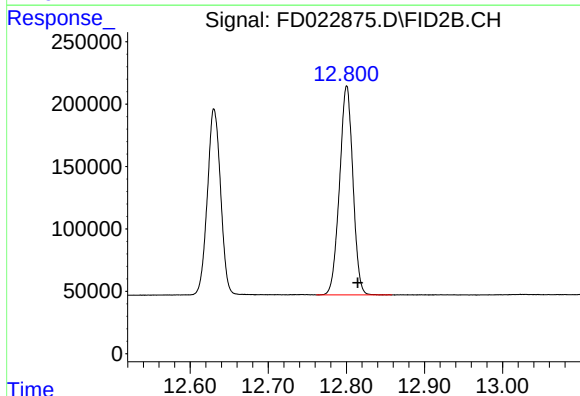
#9 ortho-Terphenyl (SURR)

R.T.: 11.189 min
Delta R.T.: -0.015 min
Response: 2166729
Conc: 21.11 ug/ml



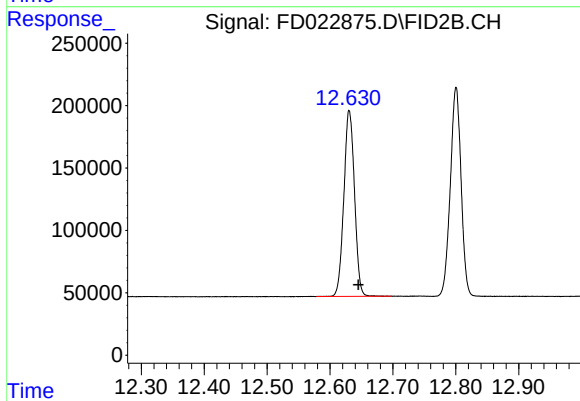
#10 n-Eicosane (C20)

R.T.: 12.192 min
Delta R.T.: -0.014 min
Response: 1995797
Conc: 20.75 ug/ml



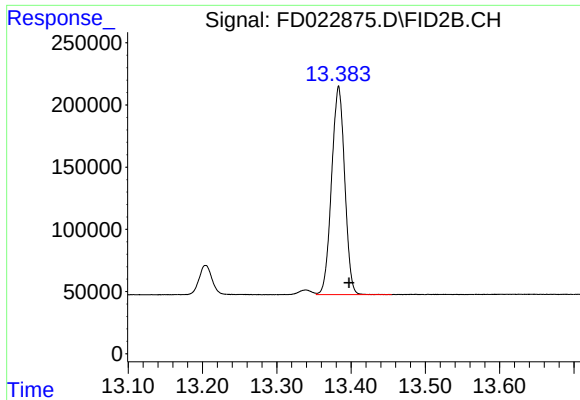
#11 n-Heneicosane (C21)

R.T.: 12.800 min
Delta R.T.: -0.014 min
Response: 1993642
Conc: 20.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.631 min
Delta R.T.: -0.014 min
Response: 1754859
Conc: 22.20 ug/ml



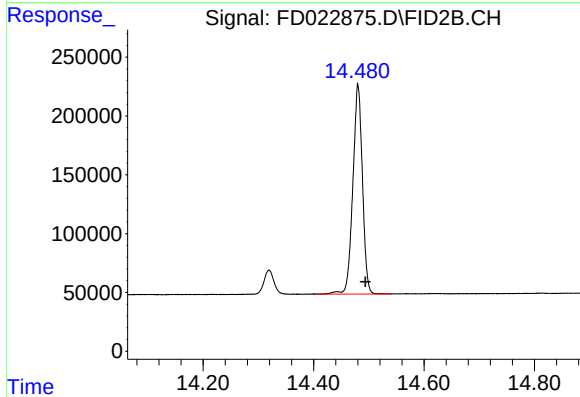
#13 n-Docosane (C22)

R.T.: 13.383 min

Delta R.T.: -0.014 min

Response: 2054438

Conc: 21.18 ug/ml



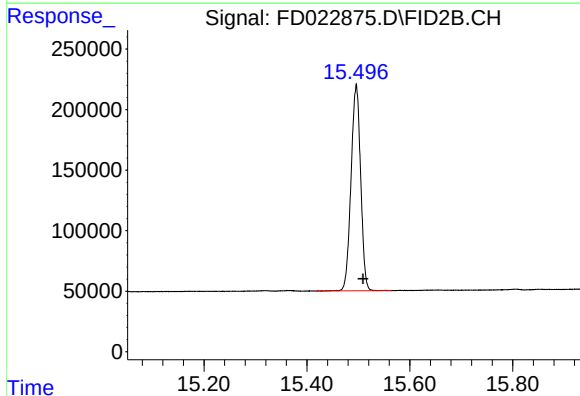
#14 n-Tetracosane (C24)

R.T.: 14.481 min

Delta R.T.: -0.013 min

Response: 2148397

Conc: 22.08 ug/ml



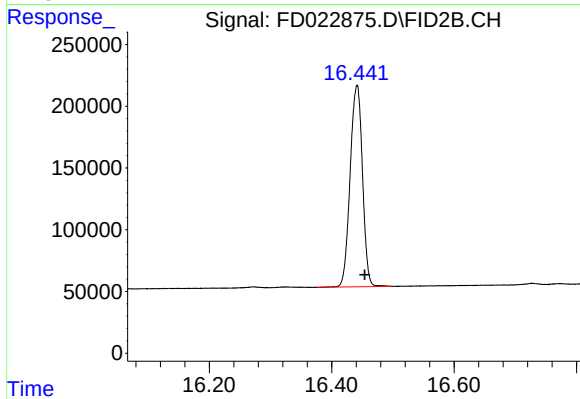
#15 n-Hexacosane (C26)

R.T.: 15.496 min

Delta R.T.: -0.013 min

Response: 2198405

Conc: 22.45 ug/ml



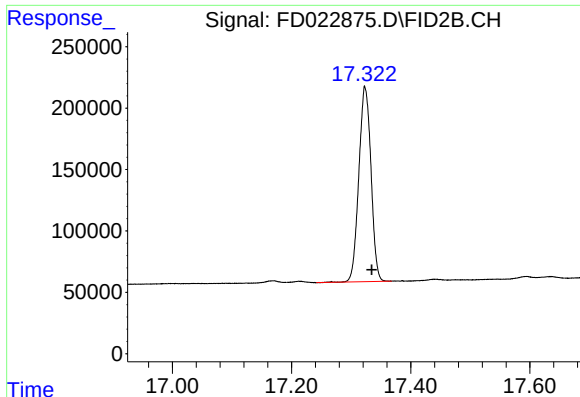
#16 n-Octacosane (C28)

R.T.: 16.441 min

Delta R.T.: -0.013 min

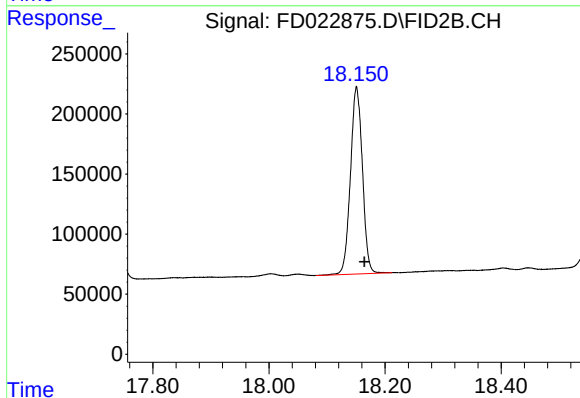
Response: 2280987

Conc: 22.93 ug/ml



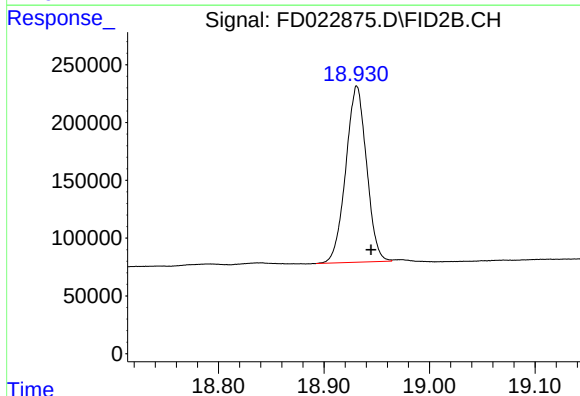
#17 n-Tricontane (C30)

R.T.: 17.324 min
Delta R.T.: -0.011 min
Response: 2241565
Conc: 23.19 ug/ml



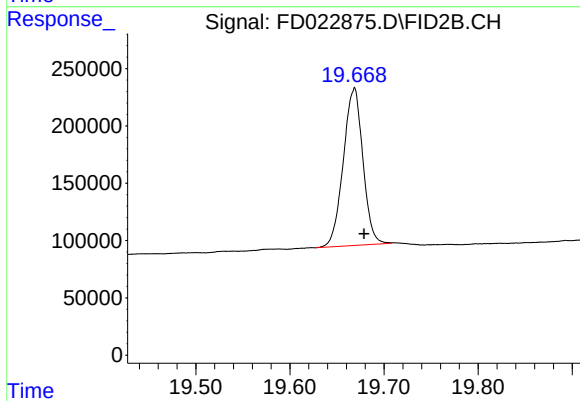
#18 n-Dotriacontane (C32)

R.T.: 18.151 min
Delta R.T.: -0.013 min
Response: 2224711
Conc: 23.69 ug/ml



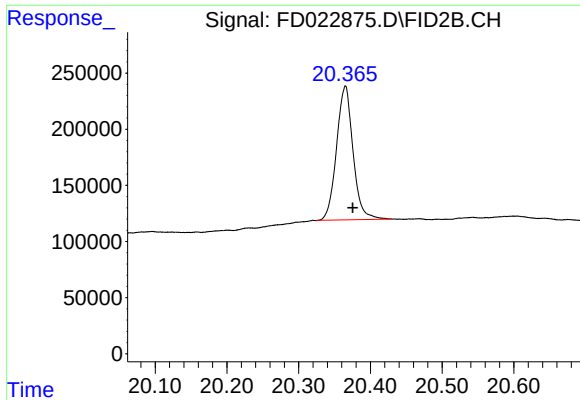
#19 n-Tetratriacontane (C34)

R.T.: 18.930 min
Delta R.T.: -0.014 min
Response: 2085425
Conc: 23.18 ug/ml m



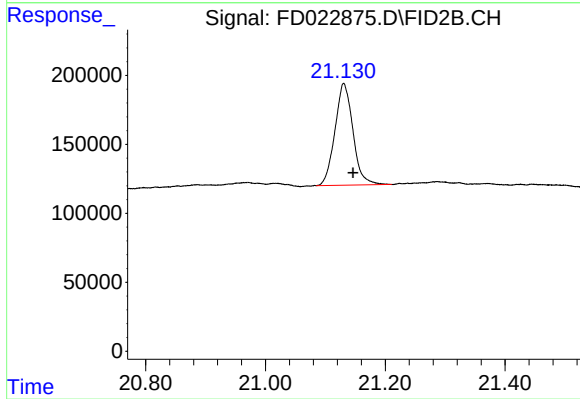
#20 n-Hexatriacontane (C36)

R.T.: 19.668 min
Delta R.T.: -0.010 min
Response: 1986686
Conc: 23.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.365 min
Delta R.T.: -0.010 min
Response: 1907948
Conc: 23.03 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.130 min
Delta R.T.: -0.016 min
Response: 1538589
Conc: 19.76 ug/ml m