

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071621AL\
 Data File : FD038263.D
 Signal(s) : FID2B.CH
 Acq On : 17 Jul 2021 6:31
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 17 07:01:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 2021
 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)	11.418	2756421	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
12) S 1-chlorooctadecane (S...	12.853	2116433	18.564 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T n-Nonane (C9)	3.230	2621643	21.575 ug/ml
2) T n-Decane (C10)	4.286	2662543	21.768 ug/ml
3) T A~Naphthalene (C11.7)	5.858	2939434	21.503 ug/ml
4) T n-Dodecane (C12)	6.293	2699189	21.671 ug/ml
5) T A~2-methylnaphthalene...	6.909	2934093	21.302 ug/ml
6) T n-Tetradecane (C14)	8.079	2739095	21.311 ug/ml
7) T n-Hexadecane (C16)	9.673	2718177	20.976 ug/ml
8) T n-Octadecane (C18)	11.108	2710502	20.126 ug/ml
10) T n-Eicosane (C20)	12.411	2598209	19.344 ug/ml
11) T n-Heneicosane (C21)	13.021	2567428	18.897 ug/ml
13) T n-Docosane (C22)	13.603	2526696	18.779 ug/ml
14) T n-Tetracosane (C24)	14.700	2518829	18.654 ug/ml
15) T n-Hexacosane (C26)	15.717	2386735	18.115 ug/ml
16) T n-Octacosane (C28)	16.662	2366820	18.152 ug/ml
17) T n-Tricontane (C30)	17.545	2361469	18.479 ug/ml
18) T n-Dotriacontane (C32)	18.374	2404275	19.540 ug/ml
19) T n-Tetratriacontane (C34)	19.154	2232809	19.067 ug/ml
20) T n-Hexatriacontane (C36)	19.890	2264856	20.739 ug/ml
21) T n-Octatriacontane (C38)	20.597	2216890	22.011 ug/ml
22) T n-Tetracontane (C40)	21.428	2137783	21.858 ug/ml

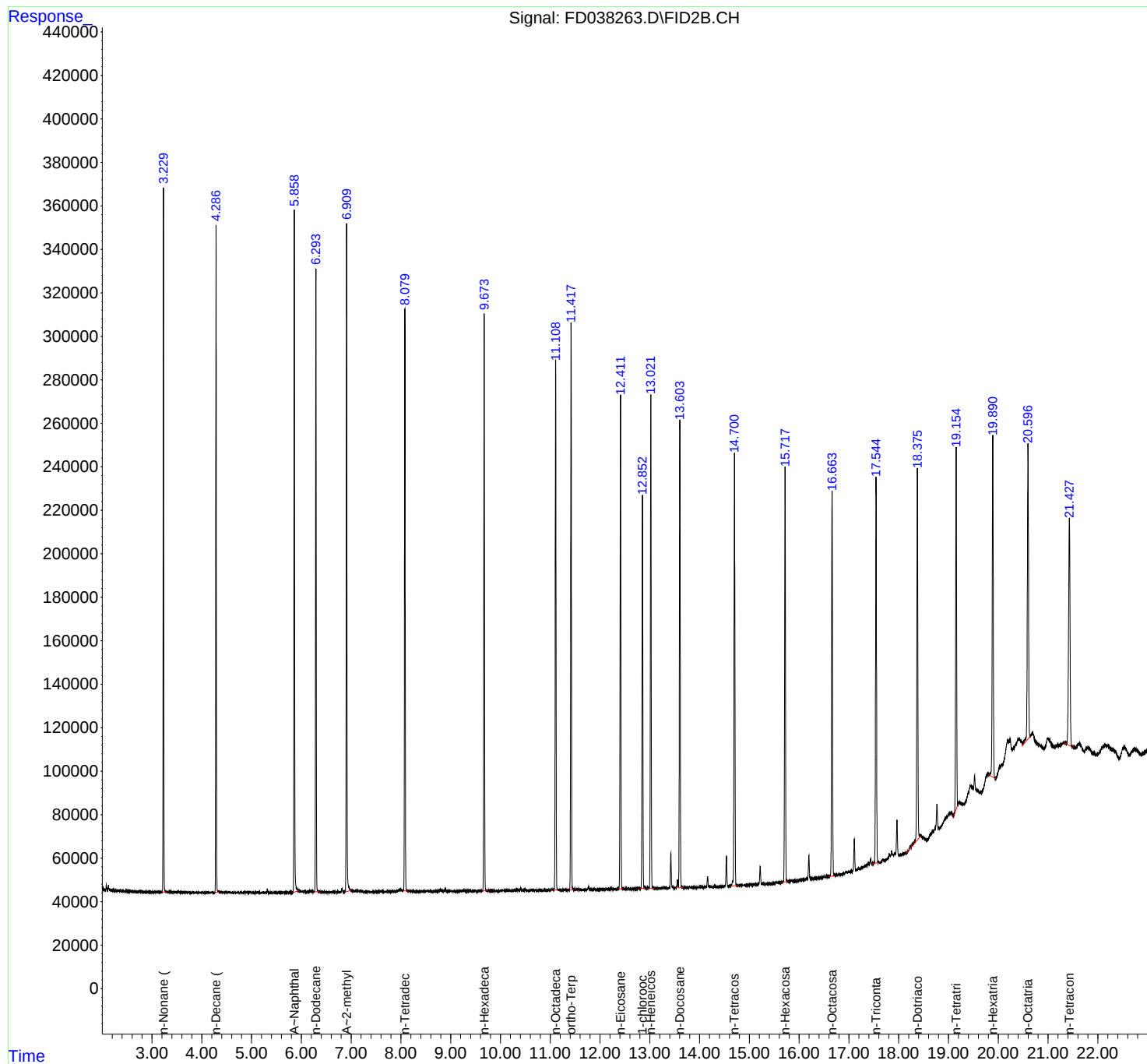
(f)=RT Delta > 1/2 Window

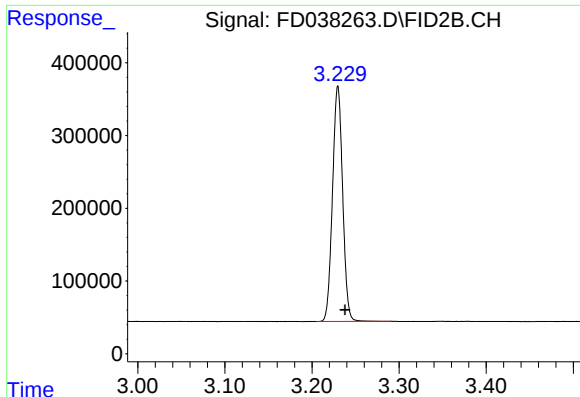
(m)=manual int.

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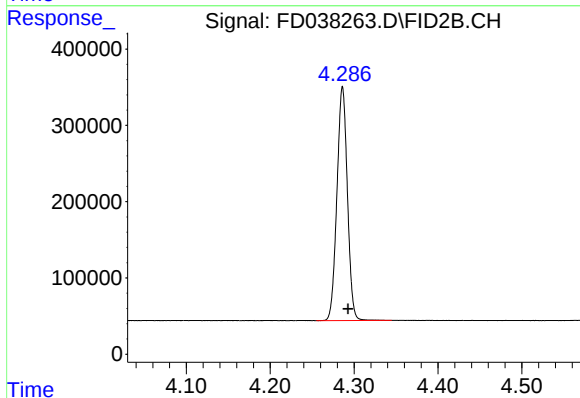
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Signal Info : 20M x 0.18mm x 0.18um





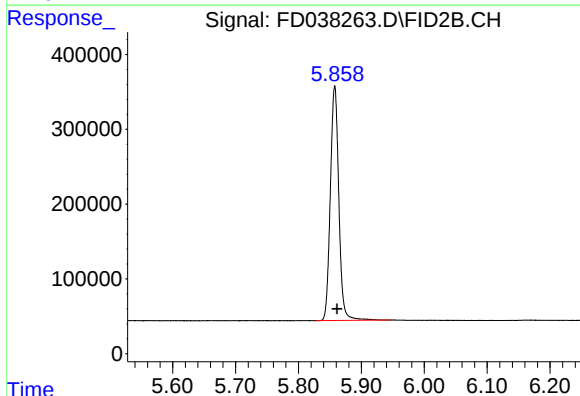
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.008 min
Response: 2621643
Conc: 21.57 ug/ml



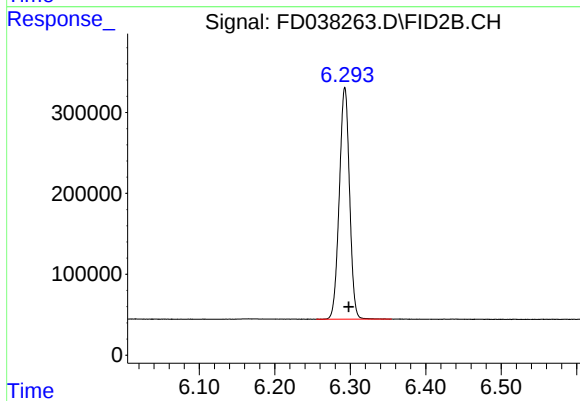
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.007 min
Response: 2662543
Conc: 21.77 ug/ml



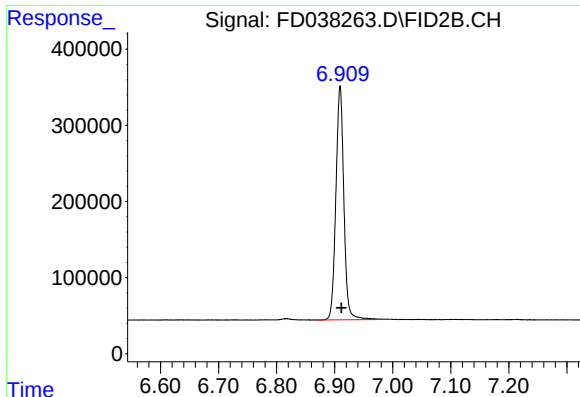
#3 A~Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.003 min
Response: 2939434
Conc: 21.50 ug/ml



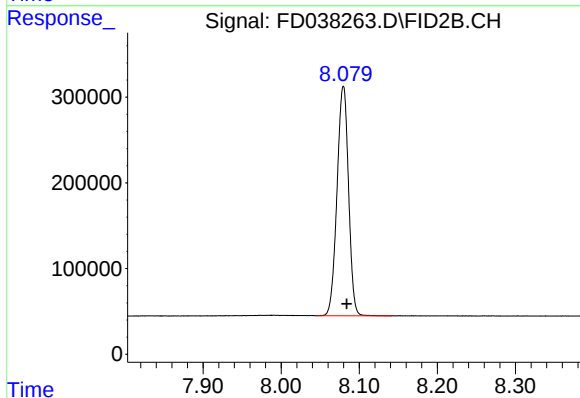
#4 n-Dodecane (C12)

R.T.: 6.293 min
Delta R.T.: -0.005 min
Response: 2699189
Conc: 21.67 ug/ml



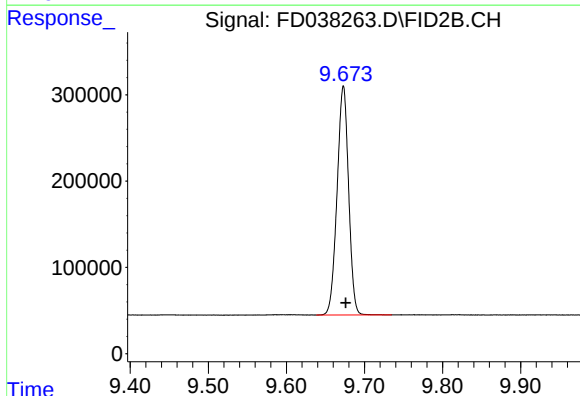
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: -0.003 min
Response: 2934093
Conc: 21.30 ug/ml



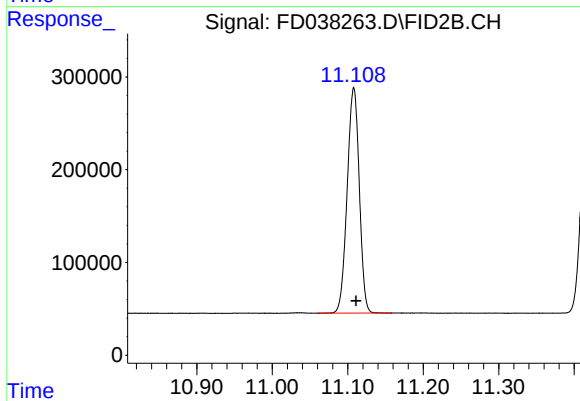
#6 n-Tetradecane (C14)

R.T.: 8.079 min
Delta R.T.: -0.004 min
Response: 2739095
Conc: 21.31 ug/ml



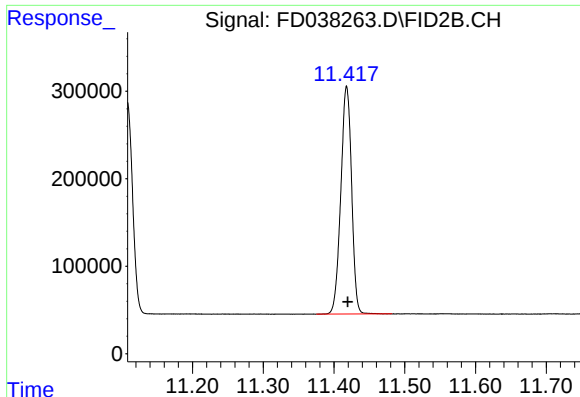
#7 n-Hexadecane (C16)

R.T.: 9.673 min
Delta R.T.: -0.003 min
Response: 2718177
Conc: 20.98 ug/ml



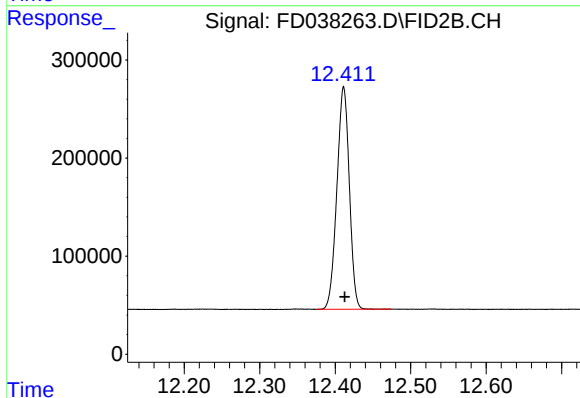
#8 n-Octadecane (C18)

R.T.: 11.108 min
Delta R.T.: -0.003 min
Response: 2710502
Conc: 20.13 ug/ml



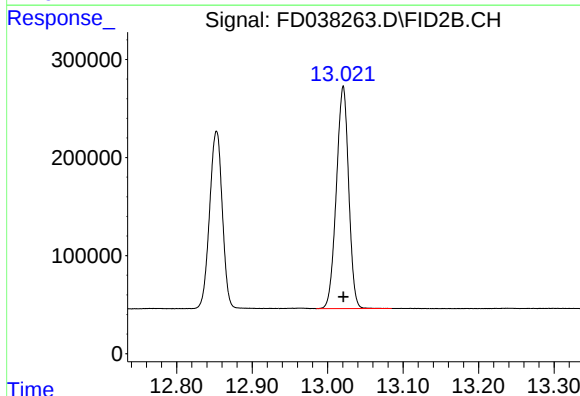
#9 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.002 min
Response: 2756421
Conc: 19.07 ug/ml



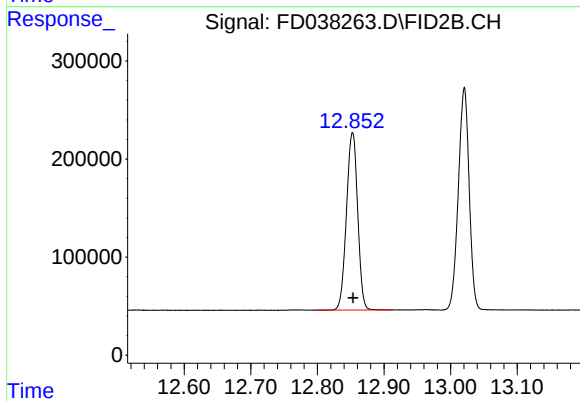
#10 n-Eicosane (C20)

R.T.: 12.411 min
Delta R.T.: -0.001 min
Response: 2598209
Conc: 19.34 ug/ml



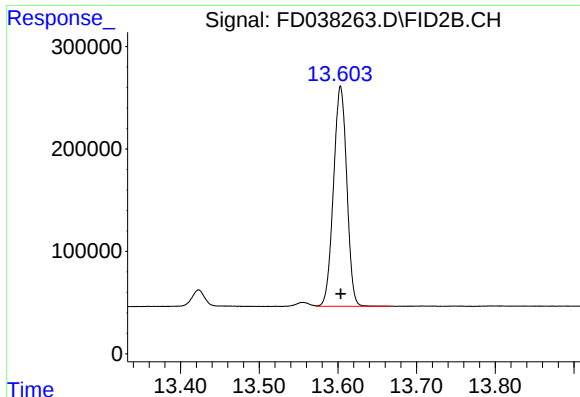
#11 n-Heneicosane (C21)

R.T.: 13.021 min
Delta R.T.: 0.000 min
Response: 2567428
Conc: 18.90 ug/ml



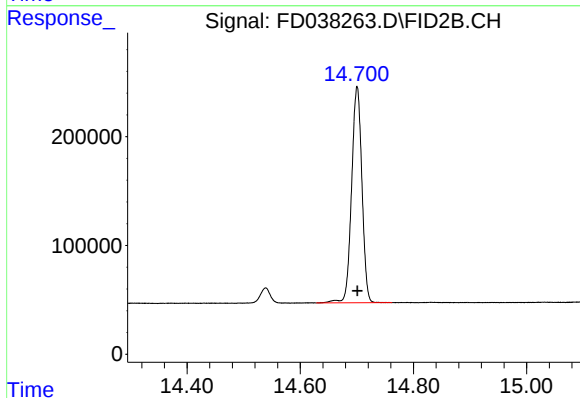
#12 1-chlorooctadecane (SURR)

R.T.: 12.853 min
Delta R.T.: 0.000 min
Response: 2116433
Conc: 18.56 ug/ml



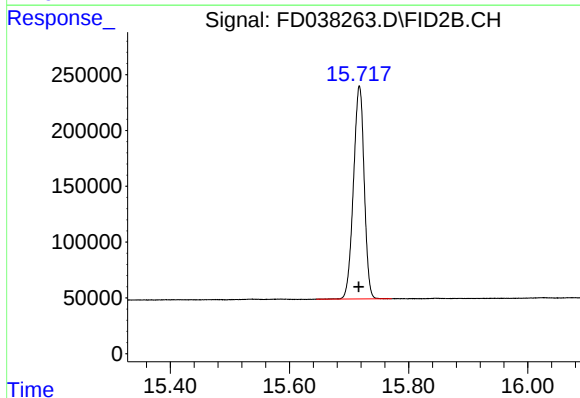
#13 n-Docosane (C22)

R.T.: 13.603 min
Delta R.T.: 0.000 min
Response: 2526696
Conc: 18.78 ug/ml



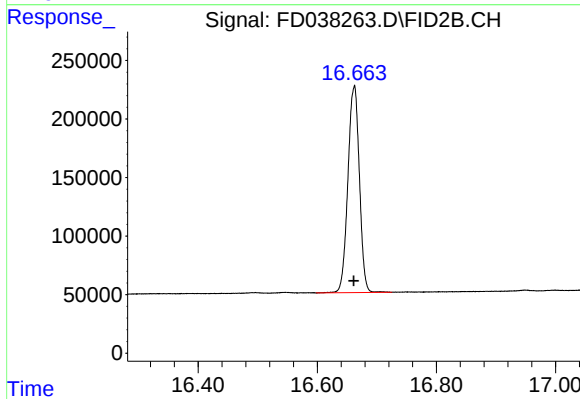
#14 n-Tetracosane (C24)

R.T.: 14.700 min
Delta R.T.: 0.000 min
Response: 2518829
Conc: 18.65 ug/ml



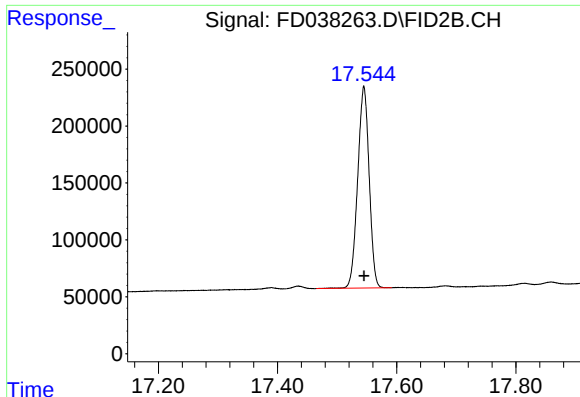
#15 n-Hexacosane (C26)

R.T.: 15.717 min
Delta R.T.: 0.001 min
Response: 2386735
Conc: 18.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2366820
Conc: 18.15 ug/ml



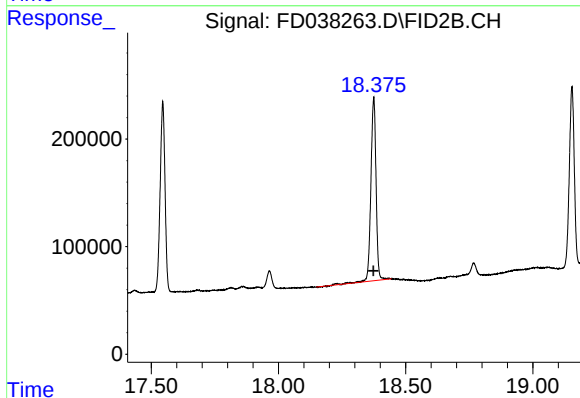
#17 n-Tricontane (C30)

R.T.: 17.545 min

Delta R.T.: 0.000 min

Response: 2361469

Conc: 18.48 ug/ml



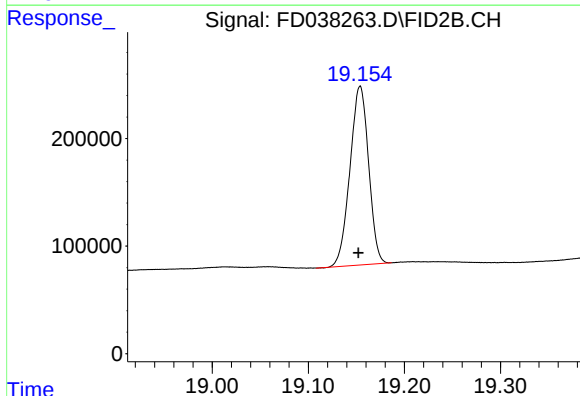
#18 n-Dotriacontane (C32)

R.T.: 18.374 min

Delta R.T.: 0.000 min

Response: 2404275

Conc: 19.54 ug/ml



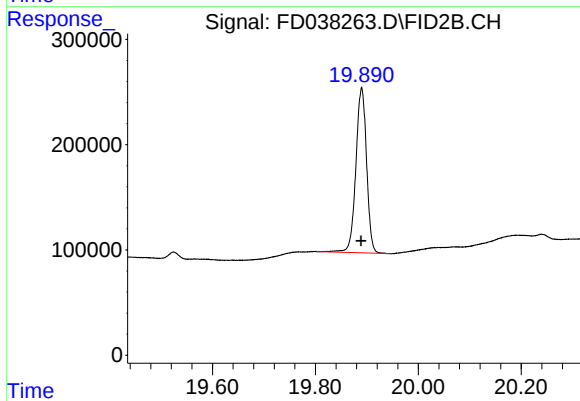
#19 n-Tetratriacontane (C34)

R.T.: 19.154 min

Delta R.T.: 0.002 min

Response: 2232809

Conc: 19.07 ug/ml



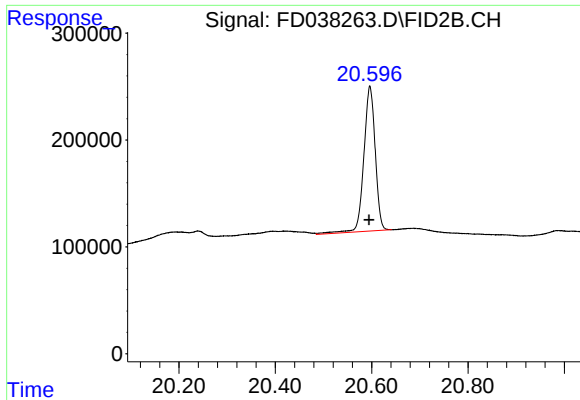
#20 n-Hexatriacontane (C36)

R.T.: 19.890 min

Delta R.T.: 0.001 min

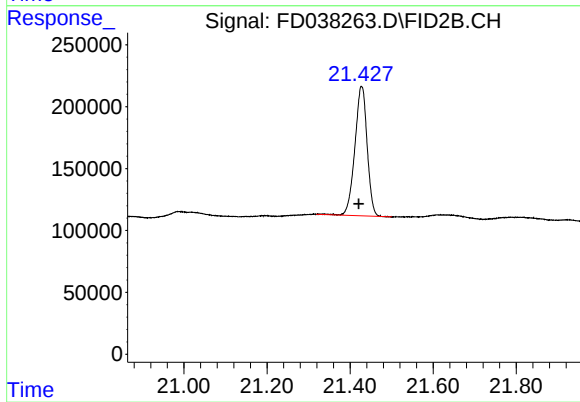
Response: 2264856

Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: 0.002 min
Response: 2216890
Conc: 22.01 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.428 min
Delta R.T.: 0.007 min
Response: 2137783
Conc: 21.86 ug/ml