

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AL\
 Data File : FD040186.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2021 18:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 01:13:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.724	3241441	21.508 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
12) S 1-chlorooctadecane (S...	12.159	2554234	21.633 ug/ml
Spiked Amount 50.000		Recovery =	43.27%
Target Compounds			
1) T n-Nonane (C9)	2.642	2732775	20.803 ug/ml
2) T n-Decane (C10)	3.637	2794920	21.118 ug/ml
3) T A~Naphthalene (C11.7)	5.180	3174514	21.340 ug/ml
4) T n-Dodecane (C12)	5.614	2796178	21.267 ug/ml
5) T A~2-methylnaphthalene...	6.223	3210191	21.549 ug/ml
6) T n-Tetradecane (C14)	7.393	2835929	21.526 ug/ml
7) T n-Hexadecane (C16)	8.984	2892515	21.710 ug/ml
8) T n-Octadecane (C18)	10.417	3011424	21.634 ug/ml
10) T n-Eicosane (C20)	11.720	3015200	21.521 ug/ml
11) T n-Heneicosane (C21)	12.329	3041307	21.406 ug/ml
13) T n-Docosane (C22)	12.912	3022195	21.337 ug/ml
14) T n-Tetracosane (C24)	14.009	3035347	21.285 ug/ml
15) T n-Hexacosane (C26)	15.025	2904075	21.381 ug/ml
16) T n-Octacosane (C28)	15.970	2799193	21.803 ug/ml
17) T n-Tricontane (C30)	16.853	2647013	22.041 ug/ml
18) T n-Dotriacontane (C32)	17.683	2497966	22.166 ug/ml
19) T n-Tetratriacontane (C34)	18.463	2408587	22.035 ug/ml
20) T n-Hexatriacontane (C36)	19.201	2290185	22.354 ug/ml
21) T n-Octatriacontane (C38)	19.909	2232654	23.283 ug/ml
22) T n-Tetracontane (C40)	20.745	2324383	29.898 ug/ml

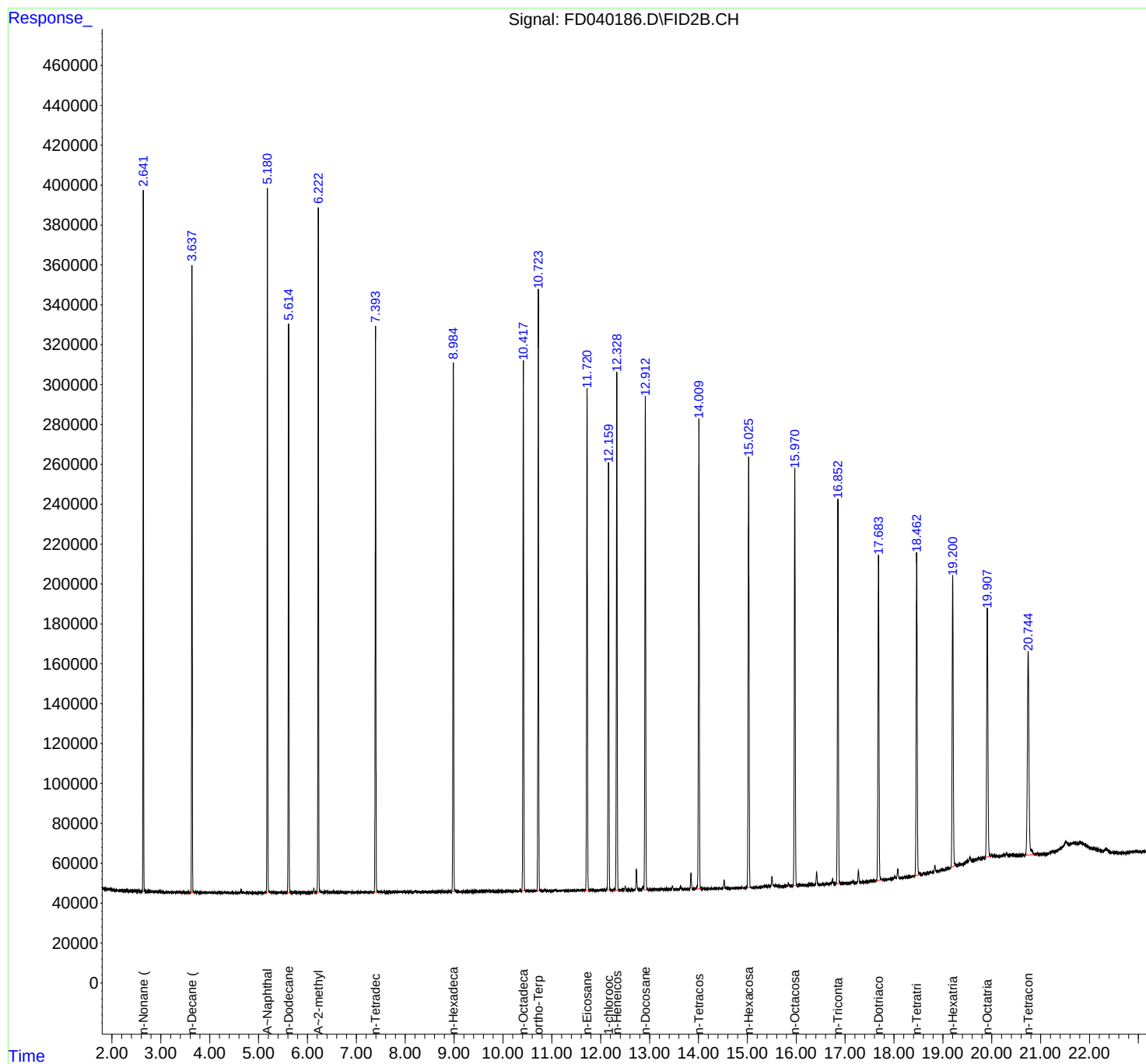
(f)=RT Delta > 1/2 Window

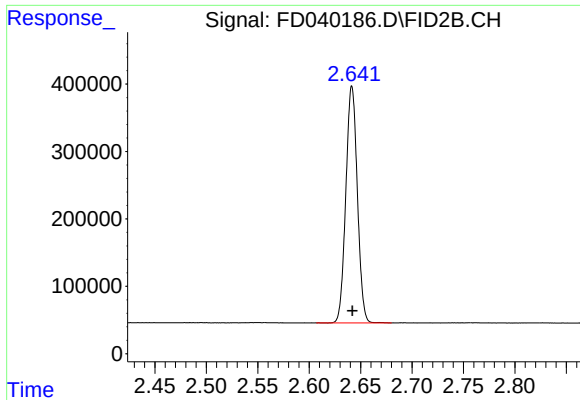
(m)=manual int.

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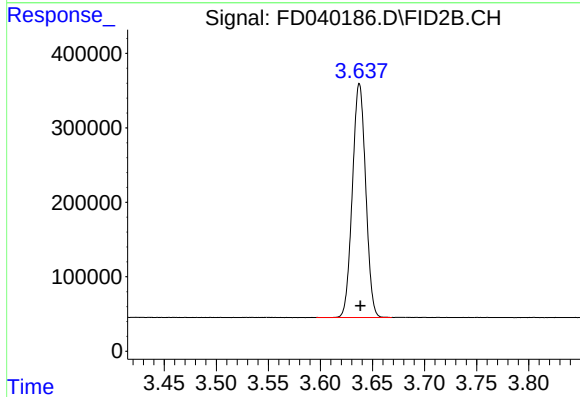
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Signal Info : 20M x 0.18mm x 0.18um





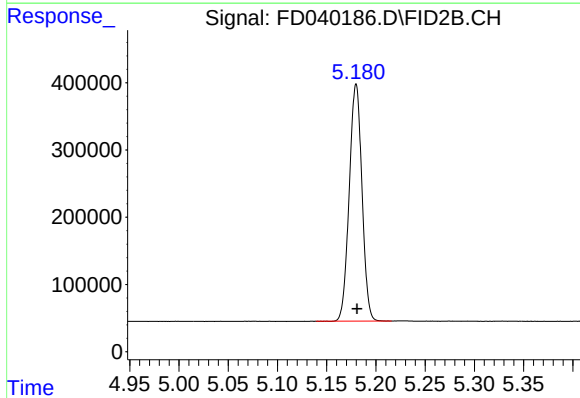
#1 n-Nonane (C9)

R.T.: 2.642 min
Delta R.T.: 0.000 min
Response: 2732775
Conc: 20.80 ug/ml



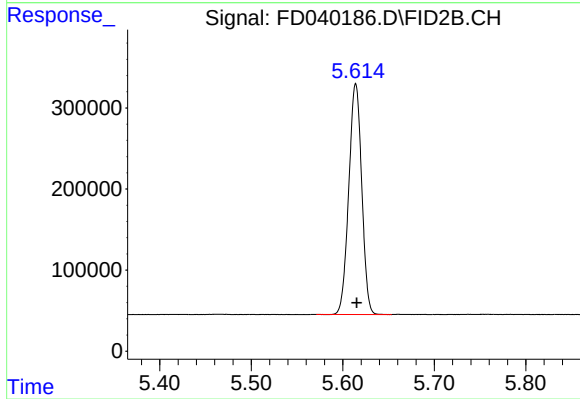
#2 n-Decane (C10)

R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 2794920
Conc: 21.12 ug/ml



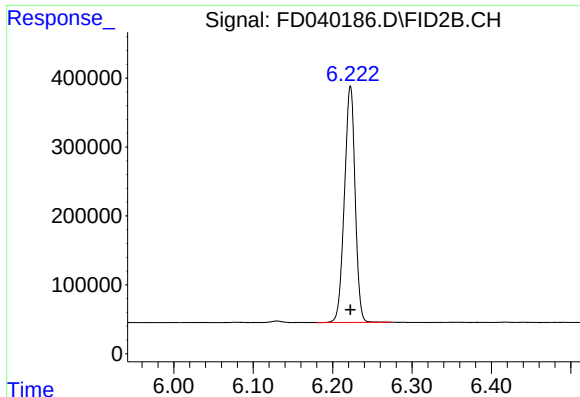
#3 A~Naphthalene (C11.7)

R.T.: 5.180 min
Delta R.T.: -0.001 min
Response: 3174514
Conc: 21.34 ug/ml



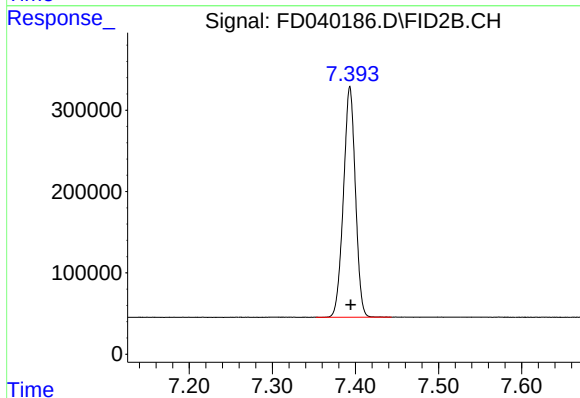
#4 n-Dodecane (C12)

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 2796178
Conc: 21.27 ug/ml



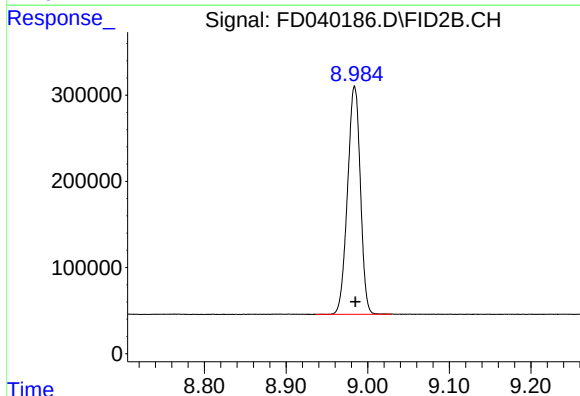
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 3210191
Conc: 21.55 ug/ml



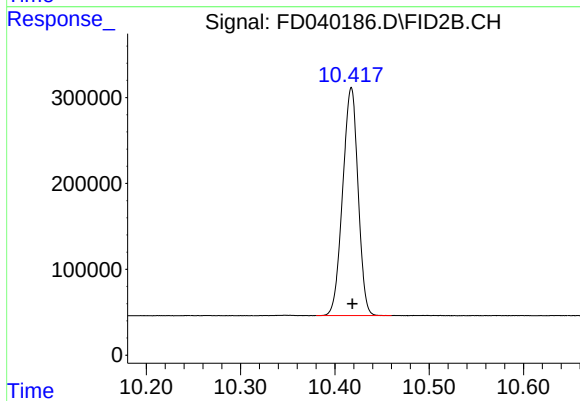
#6 n-Tetradecane (C14)

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 2835929
Conc: 21.53 ug/ml



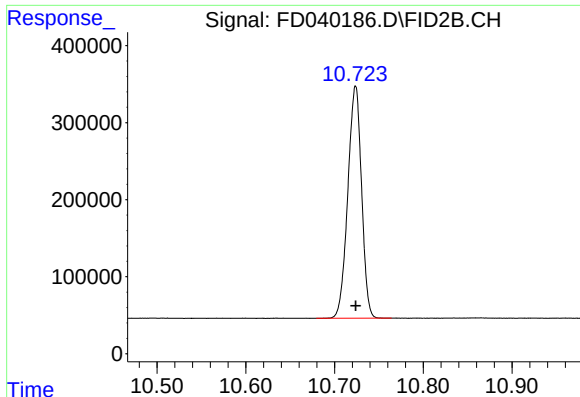
#7 n-Hexadecane (C16)

R.T.: 8.984 min
Delta R.T.: -0.001 min
Response: 2892515
Conc: 21.71 ug/ml



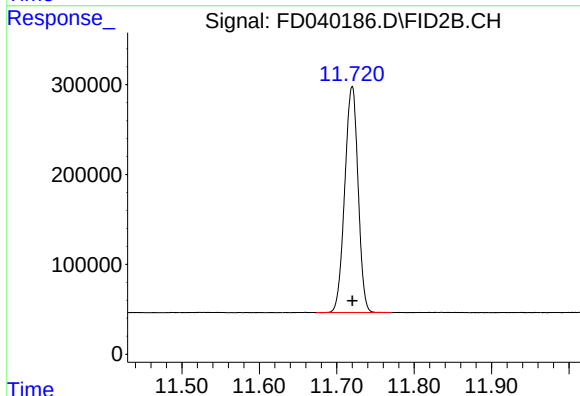
#8 n-Octadecane (C18)

R.T.: 10.417 min
Delta R.T.: -0.001 min
Response: 3011424
Conc: 21.63 ug/ml



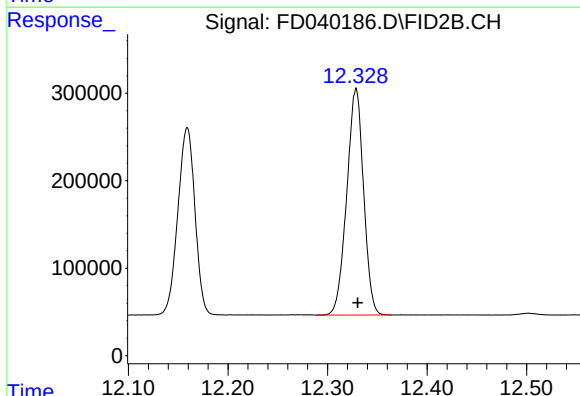
#9 ortho-Terphenyl (SURR)

R.T.: 10.724 min
Delta R.T.: 0.000 min
Response: 3241441
Conc: 21.51 ug/ml



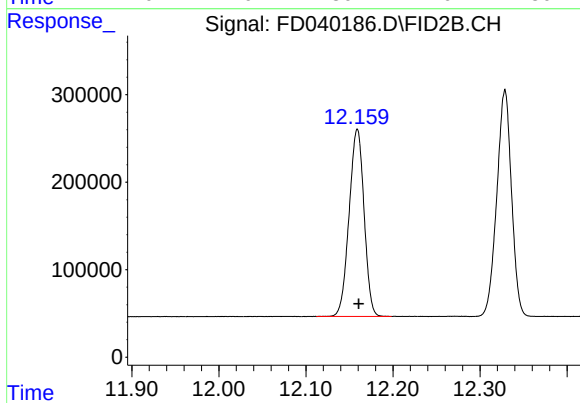
#10 n-Eicosane (C20)

R.T.: 11.720 min
Delta R.T.: 0.000 min
Response: 3015200
Conc: 21.52 ug/ml



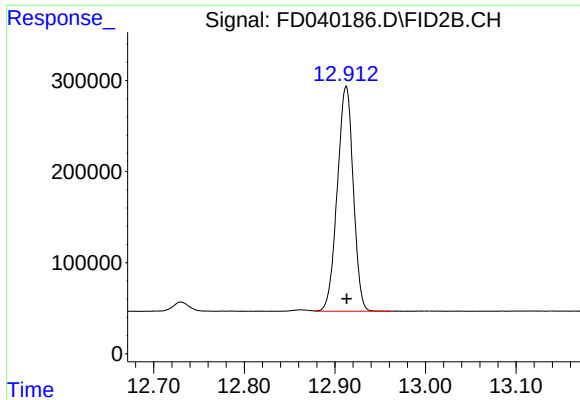
#11 n-Heneicosane (C21)

R.T.: 12.329 min
Delta R.T.: -0.002 min
Response: 3041307
Conc: 21.41 ug/ml



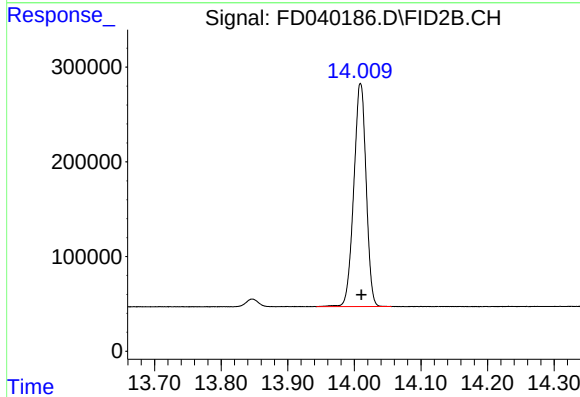
#12 1-chlorooctadecane (SURR)

R.T.: 12.159 min
Delta R.T.: -0.002 min
Response: 2554234
Conc: 21.63 ug/ml



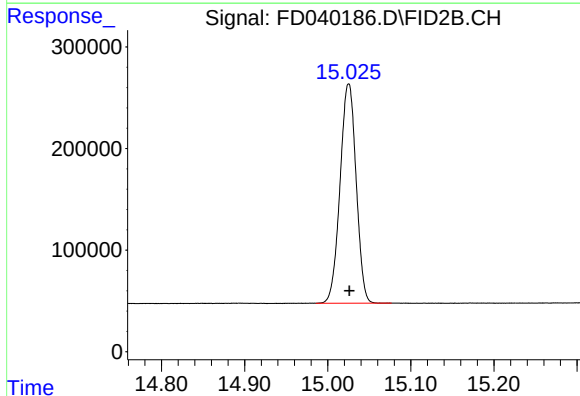
#13 n-Docosane (C22)

R.T.: 12.912 min
Delta R.T.: 0.000 min
Response: 3022195
Conc: 21.34 ug/ml



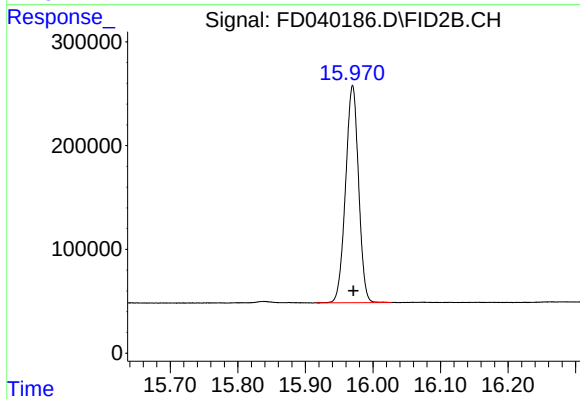
#14 n-Tetracosane (C24)

R.T.: 14.009 min
Delta R.T.: -0.001 min
Response: 3035347
Conc: 21.29 ug/ml



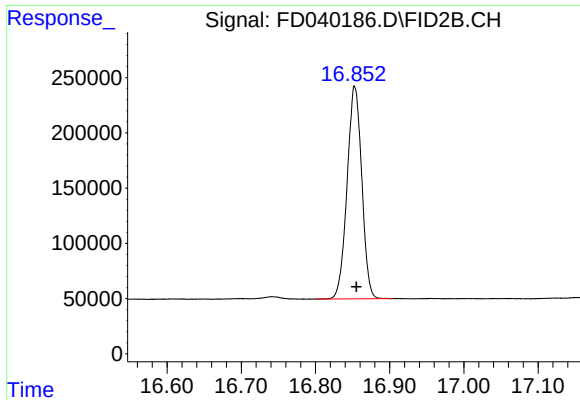
#15 n-Hexacosane (C26)

R.T.: 15.025 min
Delta R.T.: 0.000 min
Response: 2904075
Conc: 21.38 ug/ml



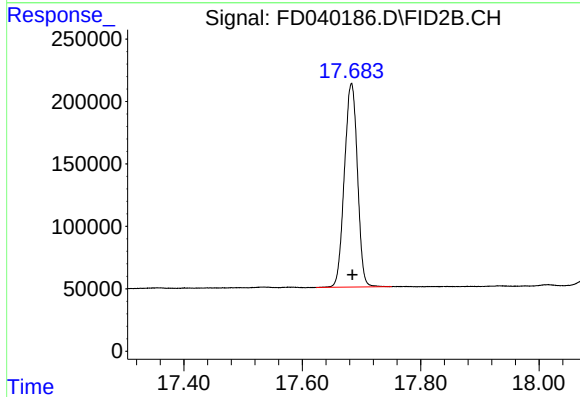
#16 n-Octacosane (C28)

R.T.: 15.970 min
Delta R.T.: -0.001 min
Response: 2799193
Conc: 21.80 ug/ml



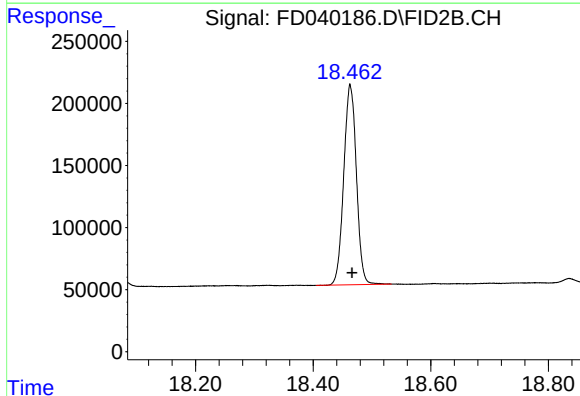
#17 n-Tricontane (C30)

R.T.: 16.853 min
Delta R.T.: -0.002 min
Response: 2647013
Conc: 22.04 ug/ml



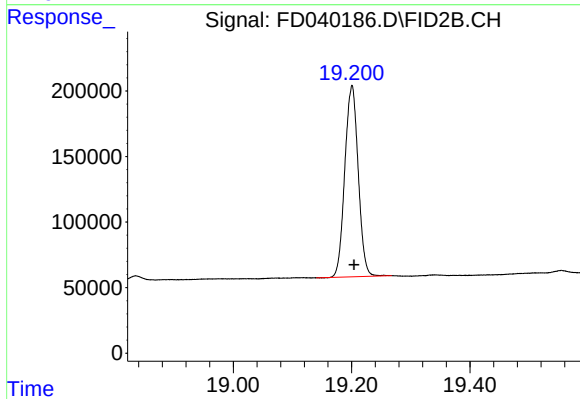
#18 n-Dotriacontane (C32)

R.T.: 17.683 min
Delta R.T.: -0.001 min
Response: 2497966
Conc: 22.17 ug/ml



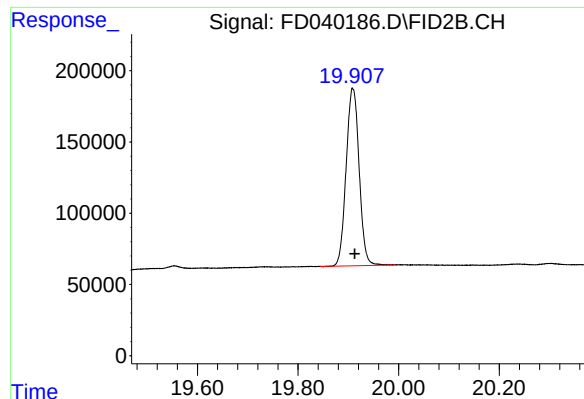
#19 n-Tetratriacontane (C34)

R.T.: 18.463 min
Delta R.T.: -0.003 min
Response: 2408587
Conc: 22.03 ug/ml



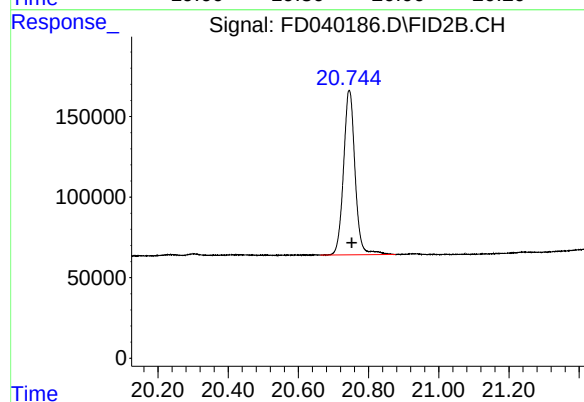
#20 n-Hexatriacontane (C36)

R.T.: 19.201 min
Delta R.T.: -0.003 min
Response: 2290185
Conc: 22.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: -0.004 min
Response: 2232654
Conc: 23.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.745 min
Delta R.T.: -0.007 min
Response: 2324383
Conc: 29.90 ug/ml