

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081921AL\
 Data File : FD038663.D
 Signal(s) : FID2B.CH
 Acq On : 19 Aug 2021 12:42
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 20 01:52:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.360	2838436	20.794 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
12) S 1-chlorooctadecane (S...	12.797	2211508	20.566 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
Target Compounds			
1) T n-Nonane (C9)	3.188	2595943	22.112 ug/ml
2) T n-Decane (C10)	4.240	2638811	22.381 ug/ml
3) T A~Naphthalene (C11.7)	5.804	2926967	22.423 ug/ml
4) T n-Dodecane (C12)	6.242	2692298	22.674 ug/ml
5) T A~2-methylnaphthalene...	6.855	2954986	22.582 ug/ml
6) T n-Tetradecane (C14)	8.027	2742016	22.561 ug/ml
7) T n-Hexadecane (C16)	9.619	2746310	22.471 ug/ml
8) T n-Octadecane (C18)	11.054	2775504	22.045 ug/ml
10) T n-Eicosane (C20)	12.357	2692046	21.356 ug/ml
11) T n-Heneicosane (C21)	12.966	2660836	20.844 ug/ml
13) T n-Docosane (C22)	13.549	2635559	20.703 ug/ml
14) T n-Tetracosane (C24)	14.647	2601982	20.228 ug/ml
15) T n-Hexacosane (C26)	15.663	2485573	19.518 ug/ml
16) T n-Octacosane (C28)	16.608	2424279	19.001 ug/ml
17) T n-Tricontane (C30)	17.490	2380327	18.788 ug/ml
18) T n-Dotriacontane (C32)	18.319	2281565	18.568 ug/ml
19) T n-Tetratriacontane (C34)	19.098	2196025	18.400 ug/ml
20) T n-Hexatriacontane (C36)	19.834	2126525	19.080 ug/ml
21) T n-Octatriacontane (C38)	20.535	2064937	19.974 ug/ml
22) T n-Tetracontane (C40)	21.343	2113926	21.062 ug/ml

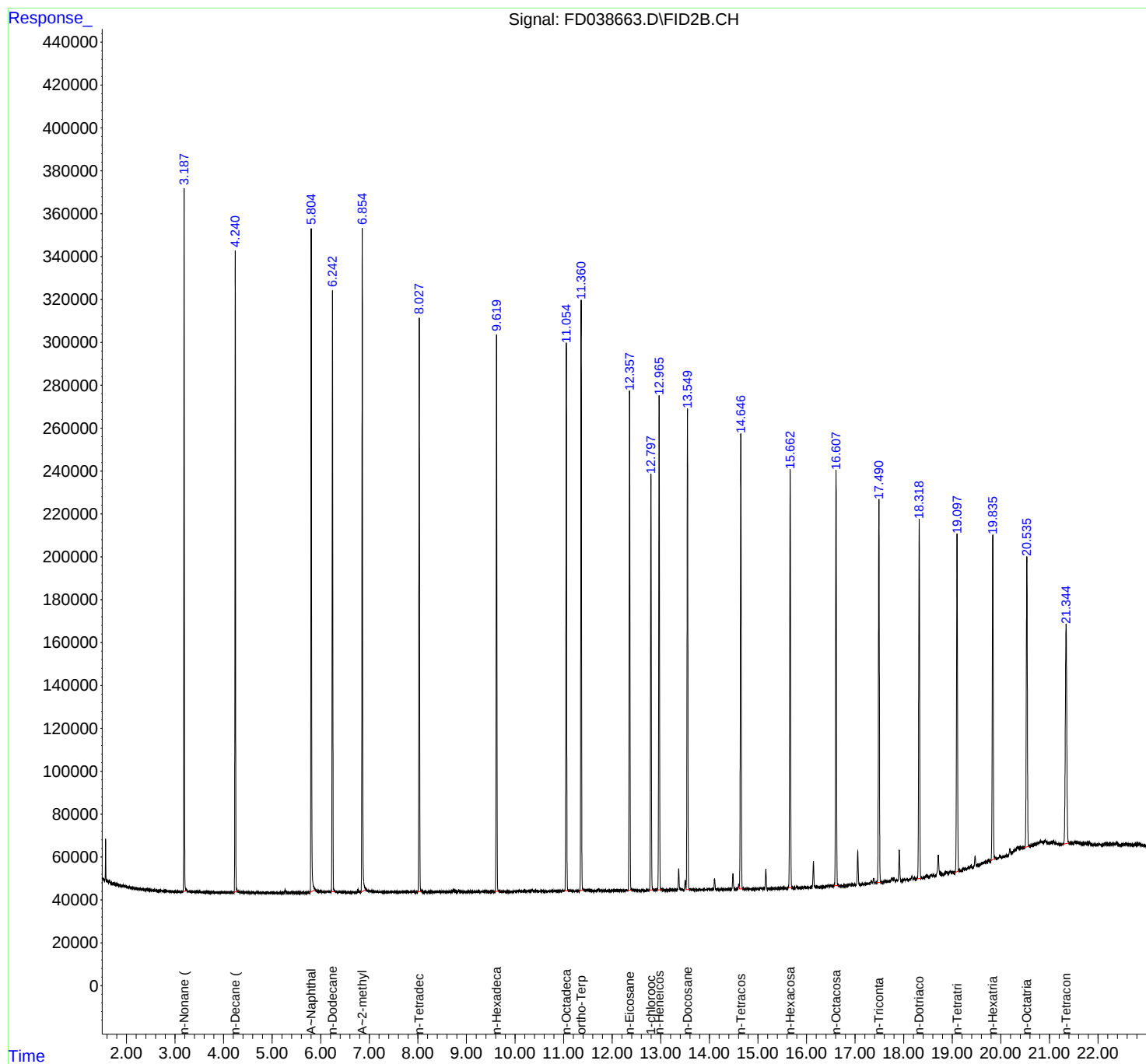
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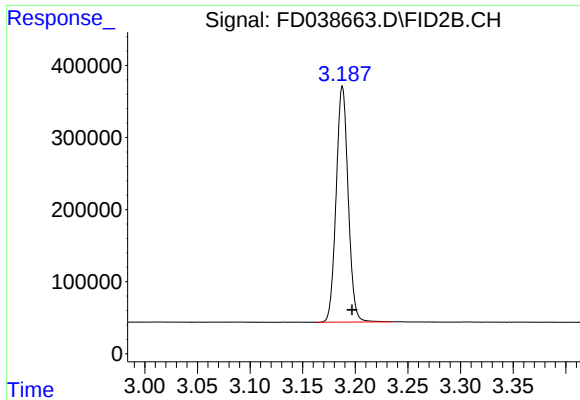
(m)=manual int.

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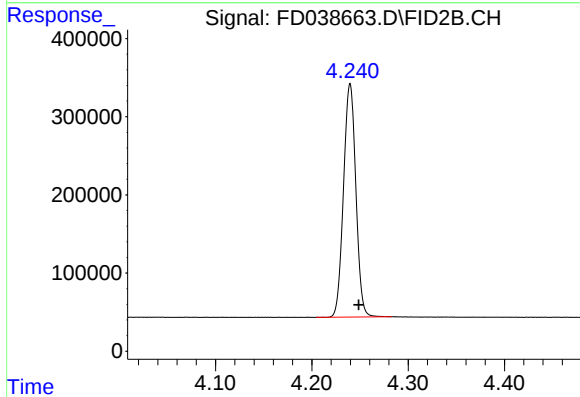
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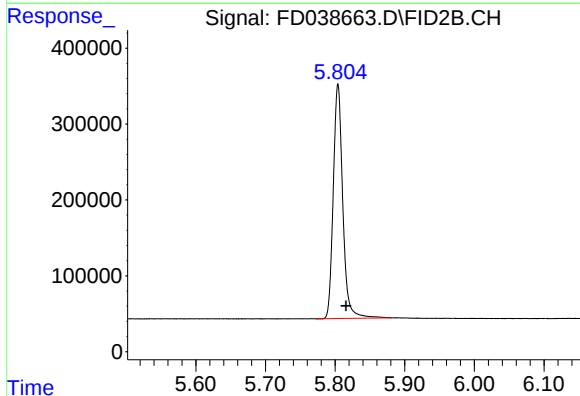
#1 n-Nonane (C9)

R.T.: 3.188 min
Delta R.T.: -0.009 min
Response: 2595943
Conc: 22.11 ug/ml



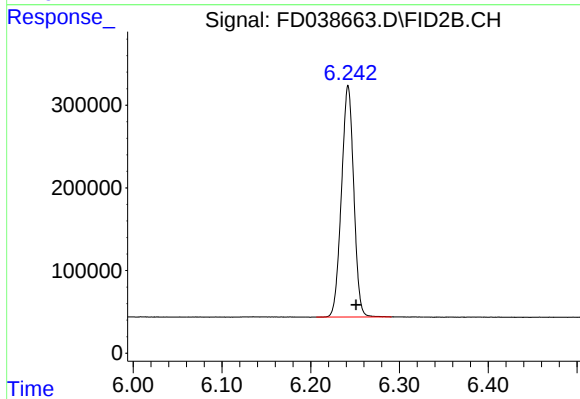
#2 n-Decane (C10)

R.T.: 4.240 min
Delta R.T.: -0.009 min
Response: 2638811
Conc: 22.38 ug/ml



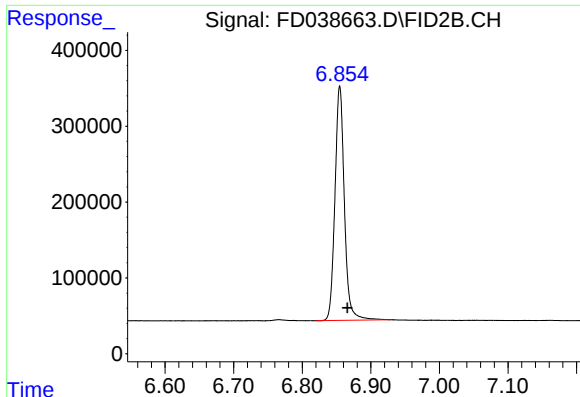
#3 A~Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.012 min
Response: 2926967
Conc: 22.42 ug/ml



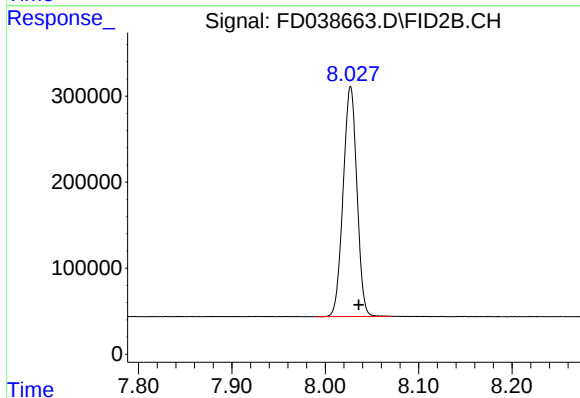
#4 n-Dodecane (C12)

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 2692298
Conc: 22.67 ug/ml



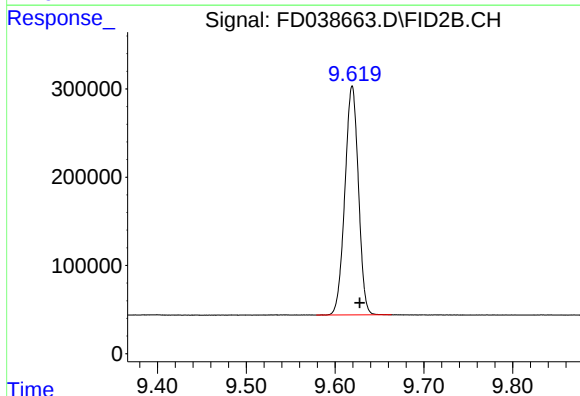
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.011 min
Response: 2954986
Conc: 22.58 ug/ml



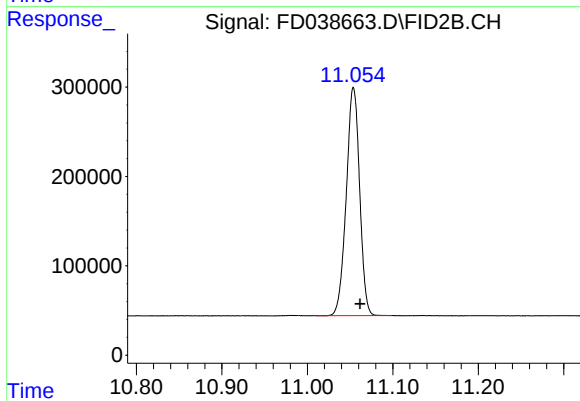
#6 n-Tetradecane (C14)

R.T.: 8.027 min
Delta R.T.: -0.009 min
Response: 2742016
Conc: 22.56 ug/ml



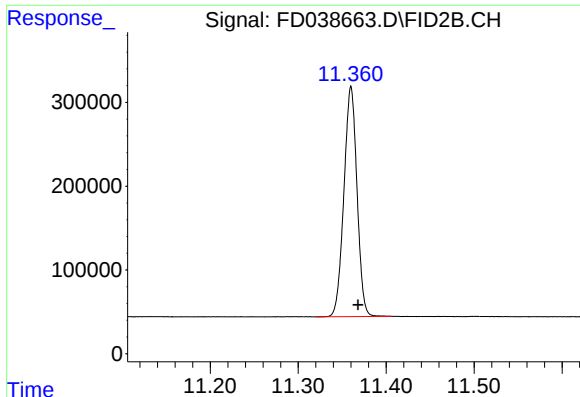
#7 n-Hexadecane (C16)

R.T.: 9.619 min
Delta R.T.: -0.008 min
Response: 2746310
Conc: 22.47 ug/ml



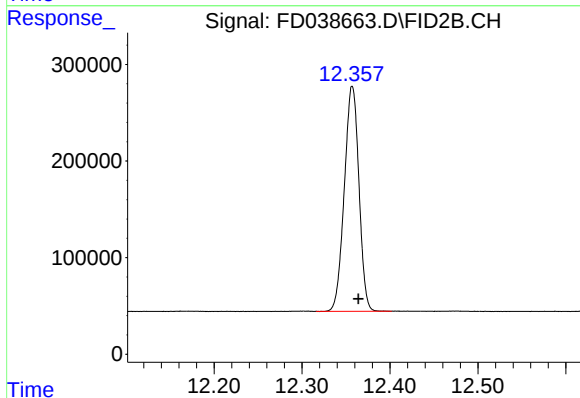
#8 n-Octadecane (C18)

R.T.: 11.054 min
Delta R.T.: -0.008 min
Response: 2775504
Conc: 22.04 ug/ml



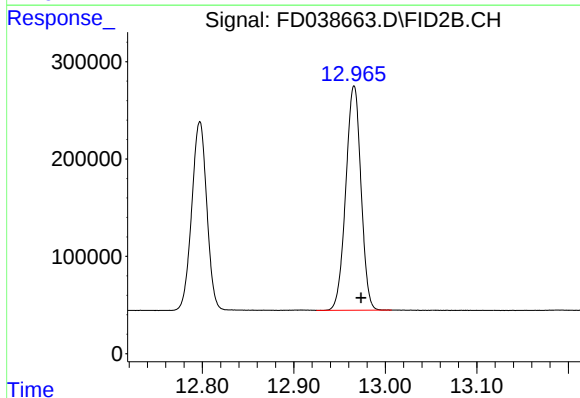
#9 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: -0.008 min
Response: 2838436
Conc: 20.79 ug/ml



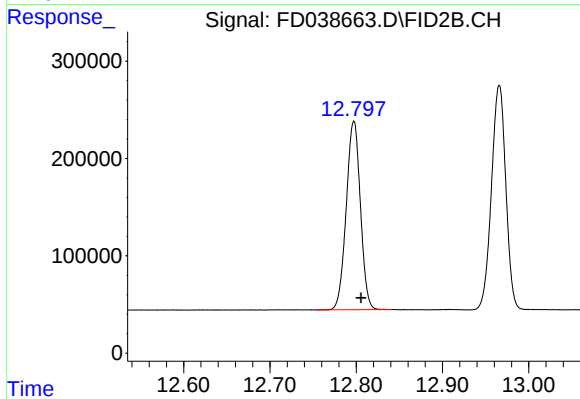
#10 n-Eicosane (C20)

R.T.: 12.357 min
Delta R.T.: -0.007 min
Response: 2692046
Conc: 21.36 ug/ml



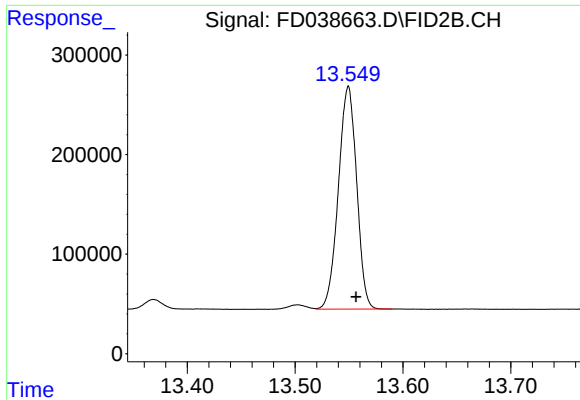
#11 n-Heneicosane (C21)

R.T.: 12.966 min
Delta R.T.: -0.008 min
Response: 2660836
Conc: 20.84 ug/ml



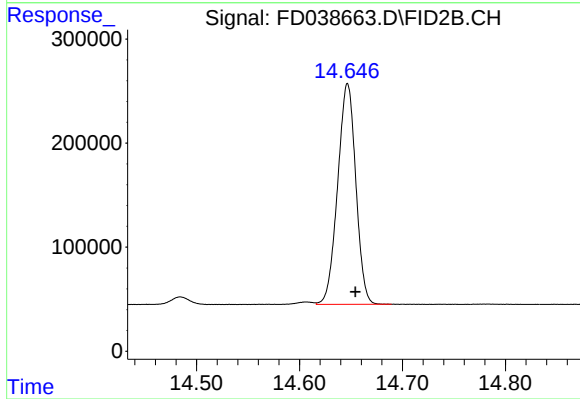
#12 1-chlorooctadecane (SURR)

R.T.: 12.797 min
Delta R.T.: -0.008 min
Response: 2211508
Conc: 20.57 ug/ml



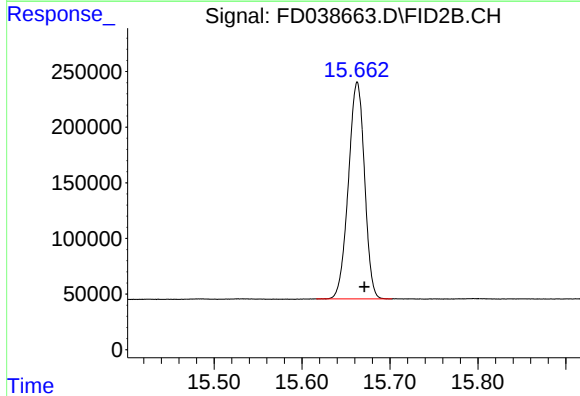
#13 n-Docosane (C22)

R.T.: 13.549 min
Delta R.T.: -0.007 min
Response: 2635559
Conc: 20.70 ug/ml



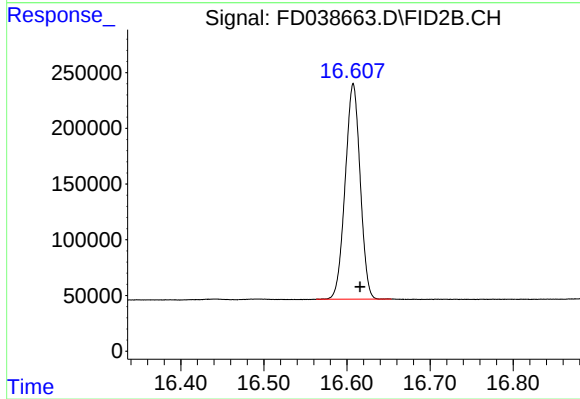
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: -0.008 min
Response: 2601982
Conc: 20.23 ug/ml



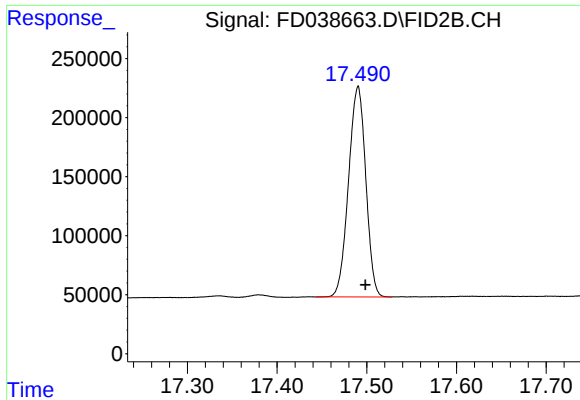
#15 n-Hexacosane (C26)

R.T.: 15.663 min
Delta R.T.: -0.008 min
Response: 2485573
Conc: 19.52 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.608 min
Delta R.T.: -0.008 min
Response: 2424279
Conc: 19.00 ug/ml



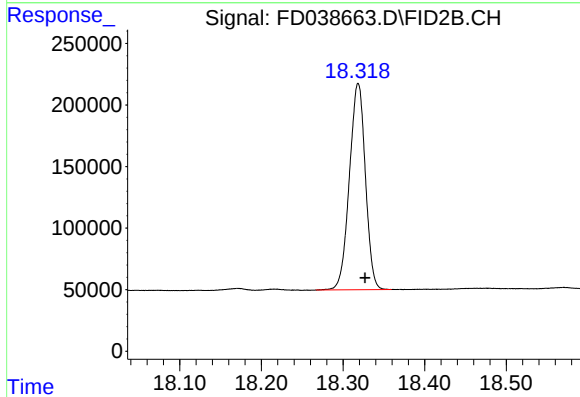
#17 n-Tricontane (C30)

R.T.: 17.490 min

Delta R.T.: -0.008 min

Response: 2380327

Conc: 18.79 ug/ml



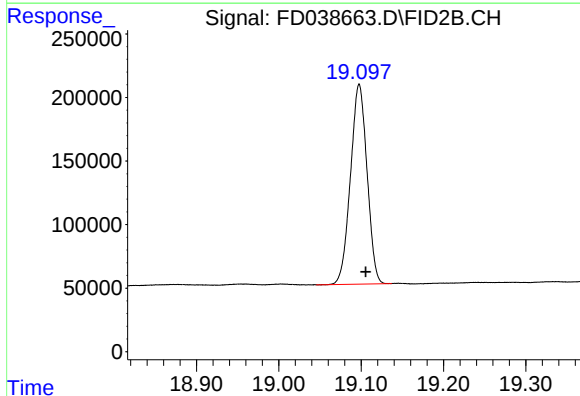
#18 n-Dotriacontane (C32)

R.T.: 18.319 min

Delta R.T.: -0.008 min

Response: 2281565

Conc: 18.57 ug/ml



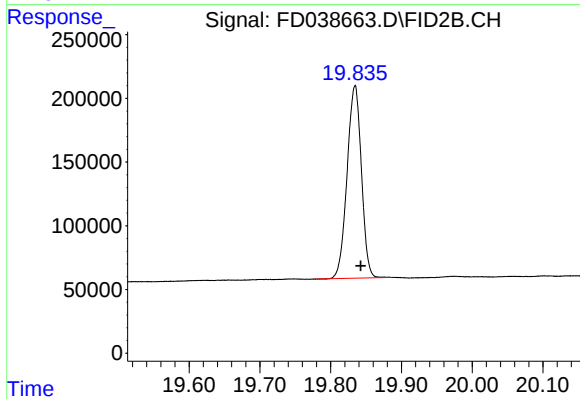
#19 n-Tetratriacontane (C34)

R.T.: 19.098 min

Delta R.T.: -0.008 min

Response: 2196025

Conc: 18.40 ug/ml



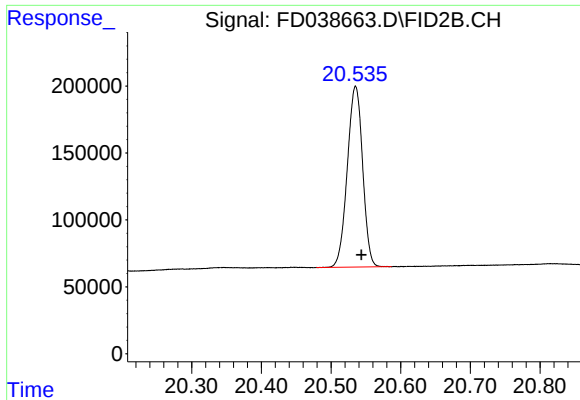
#20 n-Hexatriacontane (C36)

R.T.: 19.834 min

Delta R.T.: -0.008 min

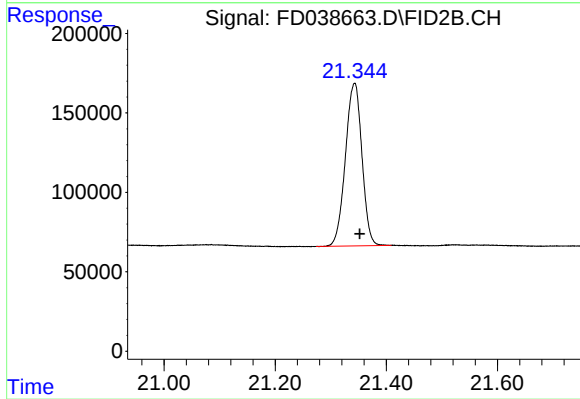
Response: 2126525

Conc: 19.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: -0.008 min
Response: 2064937
Conc: 19.97 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.009 min
Response: 2113926
Conc: 21.06 ug/ml