

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033122AL\
 Data File : FD041840.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2022 21:50
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 31 22:37:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 2022
 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)	11.227	3735005	21.062 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
12) S 1-chlorooctadecane (S...	12.667	2904181	20.973 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
Target Compounds			
1) T n-Nonane (C9)	3.093	3251741	22.105 ug/ml
2) T n-Decane (C10)	4.138	3243510	22.212 ug/ml
3) T A~Naphthalene (C11.7)	5.689	3486883	22.323 ug/ml
4) T n-Dodecane (C12)	6.133	3364218	22.334 ug/ml
5) T A~2-methylnaphthalene...	6.734	3485829	22.409 ug/ml
6) T n-Tetradecane (C14)	7.911	3401386	22.330 ug/ml
7) T n-Hexadecane (C16)	9.499	3450963	22.381 ug/ml
8) T n-Octadecane (C18)	10.929	3477977	22.075 ug/ml
10) T n-Eicosane (C20)	12.230	3434842	21.713 ug/ml
11) T n-Heneicosane (C21)	12.839	3393451	21.191 ug/ml
13) T n-Docosane (C22)	13.421	3441491	21.428 ug/ml
14) T n-Tetracosane (C24)	14.518	3477713	21.514 ug/ml
15) T n-Hexacosane (C26)	15.532	3354829	20.771 ug/ml
16) T n-Octacosane (C28)	16.476	3330658	20.691 ug/ml
17) T n-Tricontane (C30)	17.360	3262987	20.705 ug/ml
18) T n-Dotriacontane (C32)	18.187	3060250	20.623 ug/ml
19) T n-Tetratriacontane (C34)	18.967	2764664	20.634 ug/ml
20) T n-Hexatriacontane (C36)	19.703	2512036	20.979 ug/ml
21) T n-Octatriacontane (C38)	20.400	2389153	21.586 ug/ml
22) T n-Tetracontane (C40)	21.181	2374569	22.055 ug/ml

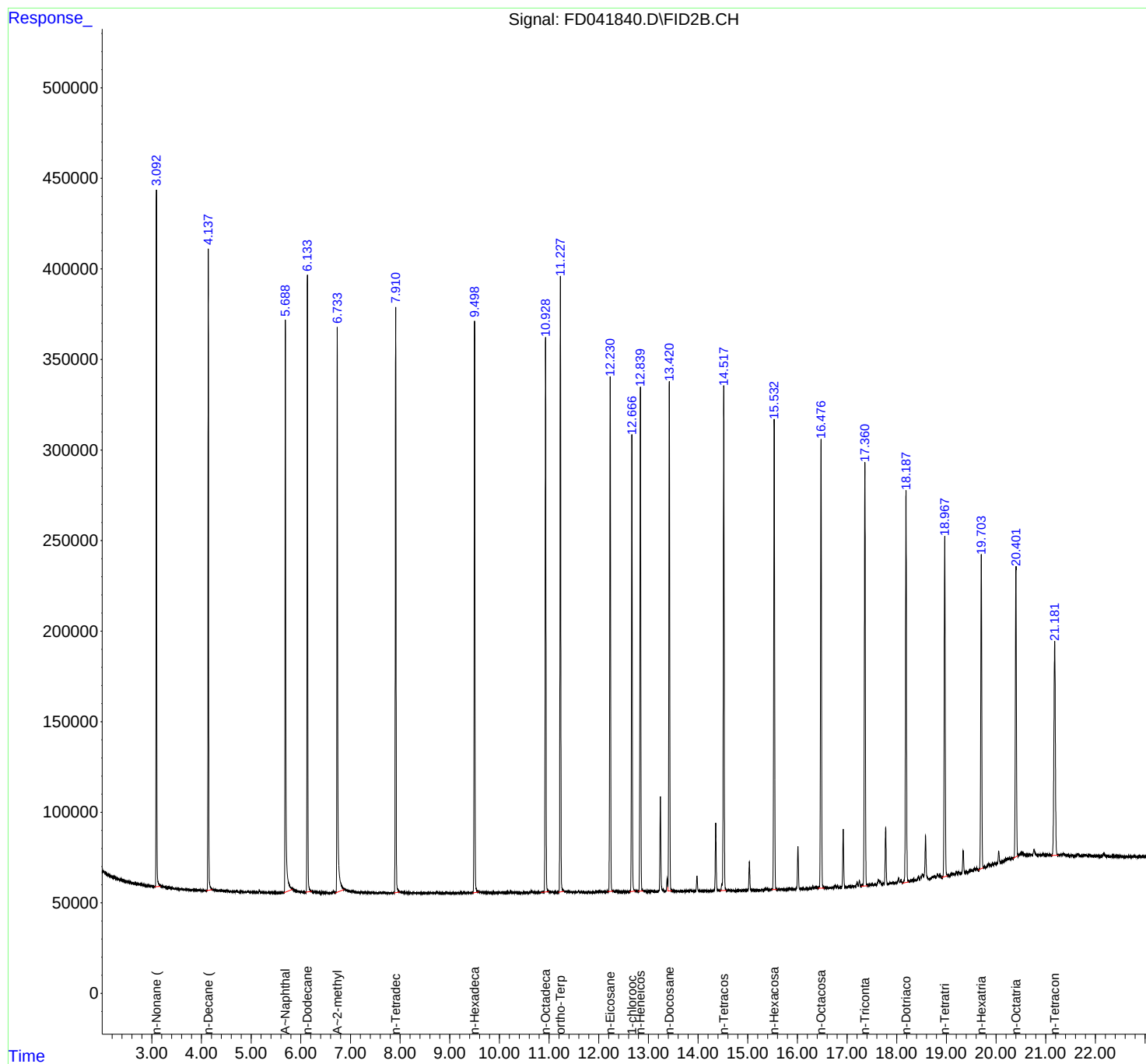
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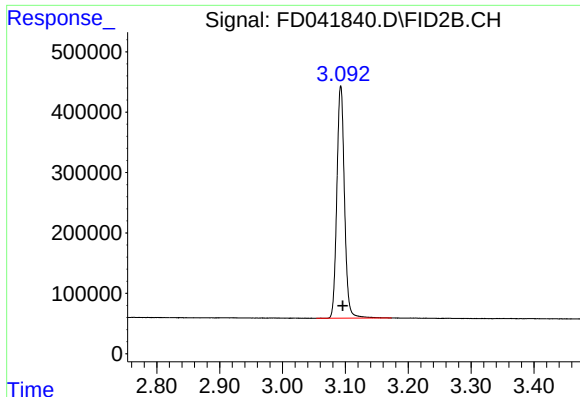
(m)=manual int.

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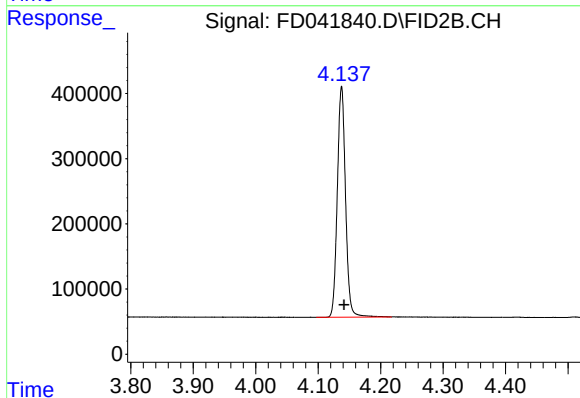
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Signal Info : 20M x 0.18mm x 0.18um





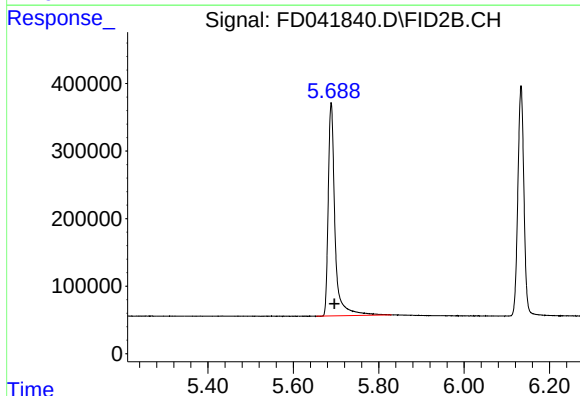
#1 n-Nonane (C9)

R.T.: 3.093 min
Delta R.T.: -0.003 min
Response: 3251741
Conc: 22.11 ug/ml



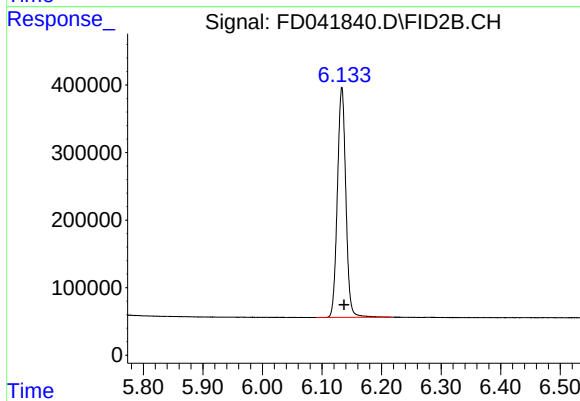
#2 n-Decane (C10)

R.T.: 4.138 min
Delta R.T.: -0.004 min
Response: 3243510
Conc: 22.21 ug/ml



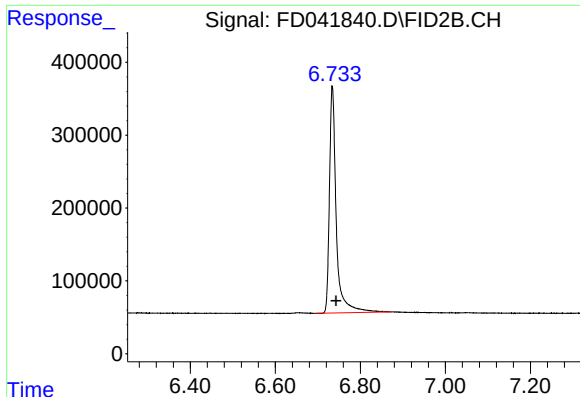
#3 A~Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.008 min
Response: 3486883
Conc: 22.32 ug/ml



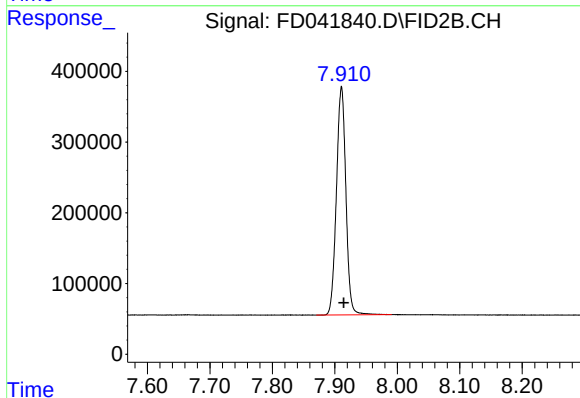
#4 n-Dodecane (C12)

R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 3364218
Conc: 22.33 ug/ml



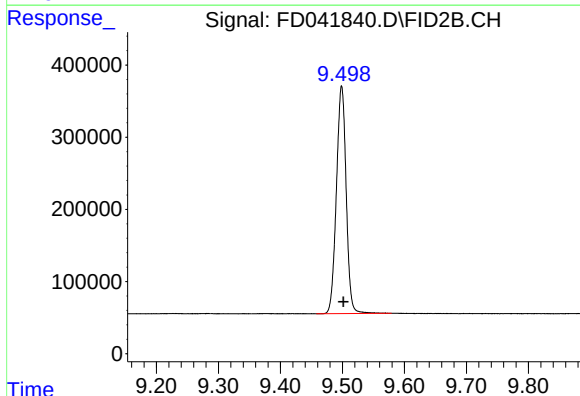
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.009 min
Response: 3485829
Conc: 22.41 ug/ml



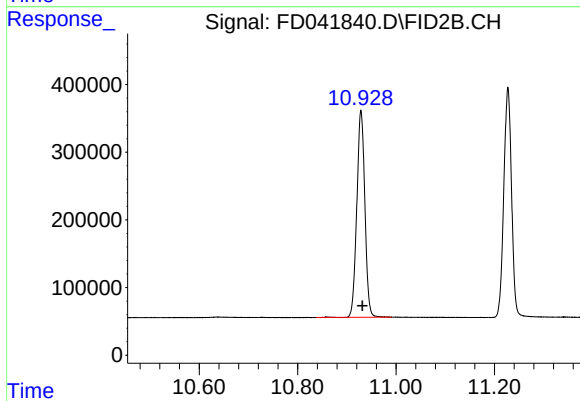
#6 n-Tetradecane (C14)

R.T.: 7.911 min
Delta R.T.: -0.004 min
Response: 3401386
Conc: 22.33 ug/ml



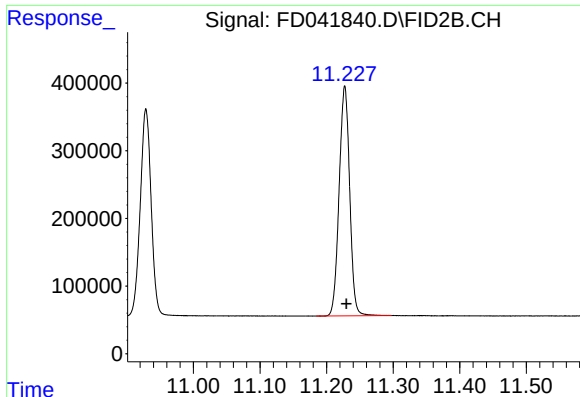
#7 n-Hexadecane (C16)

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 3450963
Conc: 22.38 ug/ml



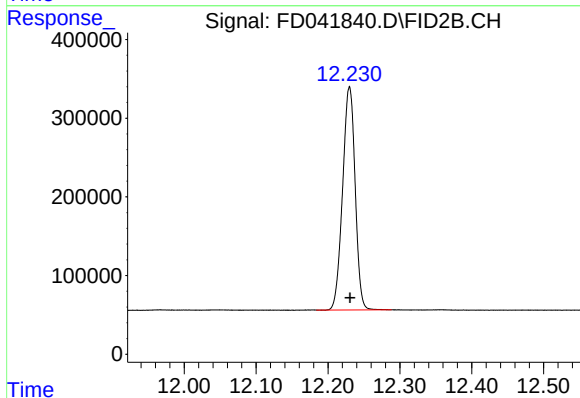
#8 n-Octadecane (C18)

R.T.: 10.929 min
Delta R.T.: -0.003 min
Response: 3477977
Conc: 22.08 ug/ml



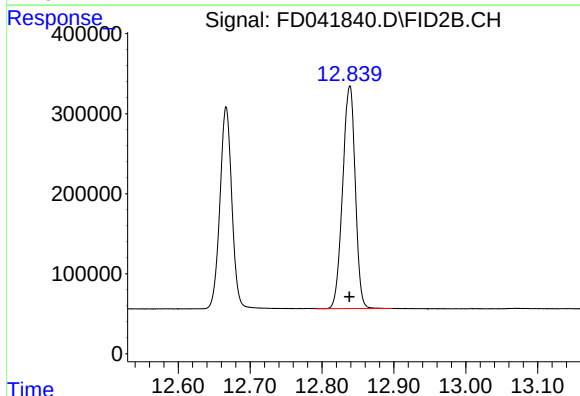
#9 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 3735005
Conc: 21.06 ug/ml



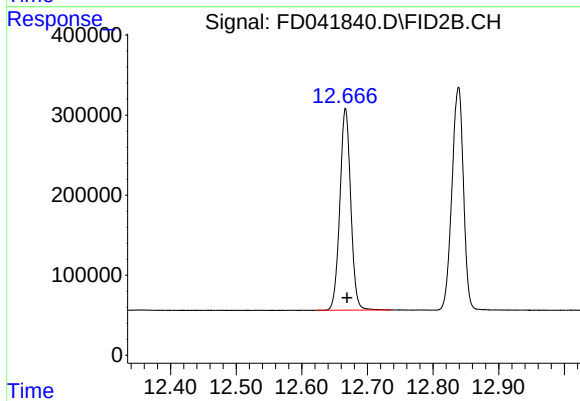
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: 0.000 min
Response: 3434842
Conc: 21.71 ug/ml



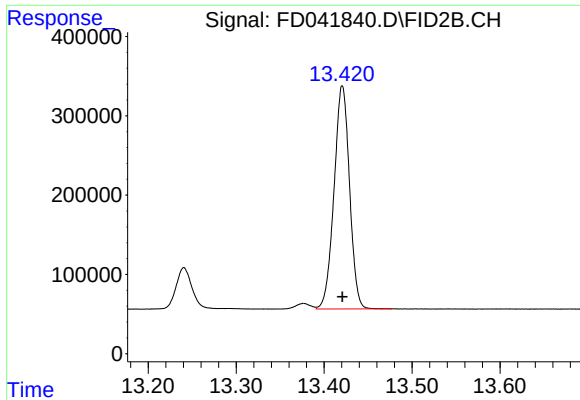
#11 n-Heneicosane (C21)

R.T.: 12.839 min
Delta R.T.: 0.000 min
Response: 3393451
Conc: 21.19 ug/ml



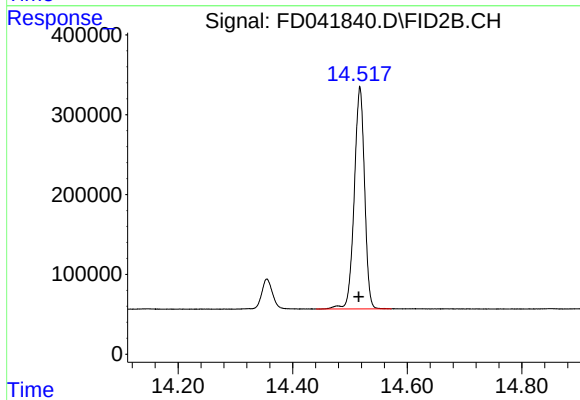
#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2904181
Conc: 20.97 ug/ml



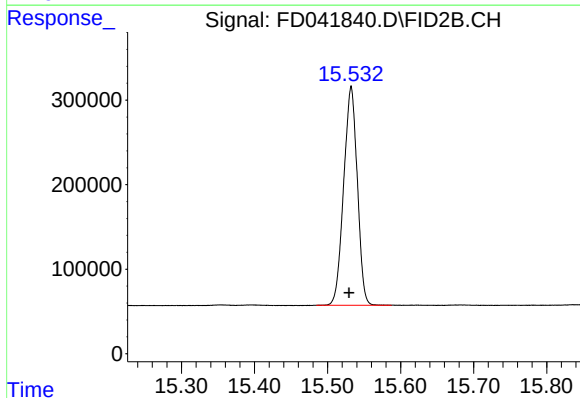
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: 0.000 min
Response: 3441491
Conc: 21.43 ug/ml



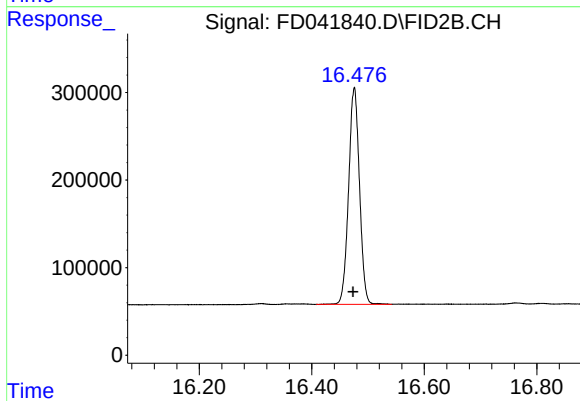
#14 n-Tetracosane (C24)

R.T.: 14.518 min
Delta R.T.: 0.002 min
Response: 3477713
Conc: 21.51 ug/ml



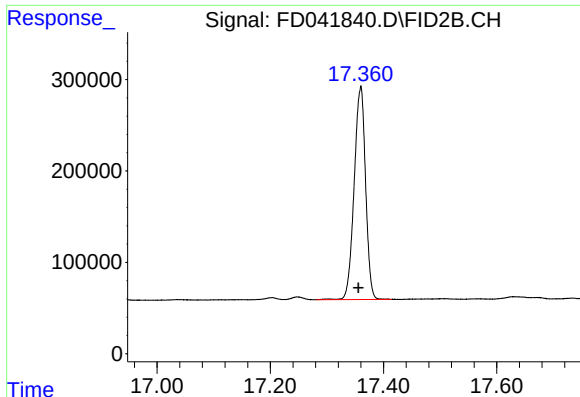
#15 n-Hexacosane (C26)

R.T.: 15.532 min
Delta R.T.: 0.003 min
Response: 3354829
Conc: 20.77 ug/ml



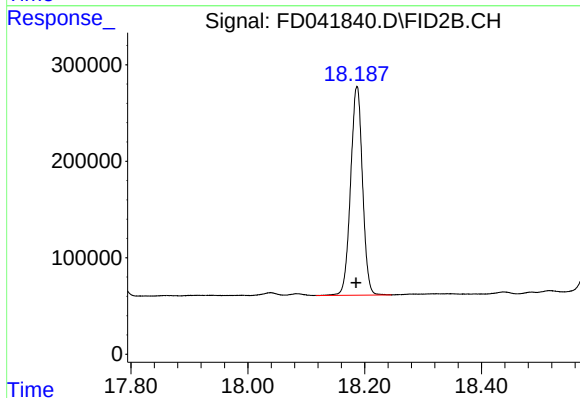
#16 n-Octacosane (C28)

R.T.: 16.476 min
Delta R.T.: 0.002 min
Response: 3330658
Conc: 20.69 ug/ml



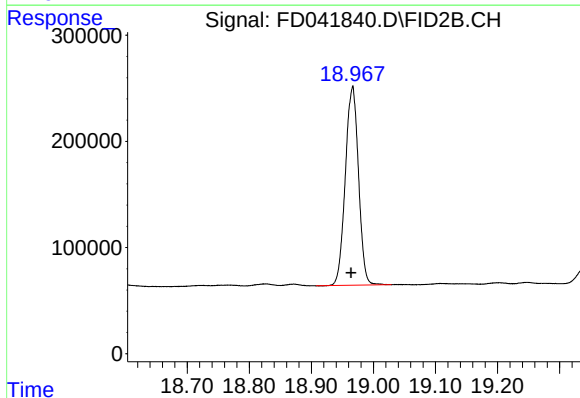
#17 n-Tricontane (C30)

R.T.: 17.360 min
Delta R.T.: 0.004 min
Response: 3262987
Conc: 20.71 ug/ml



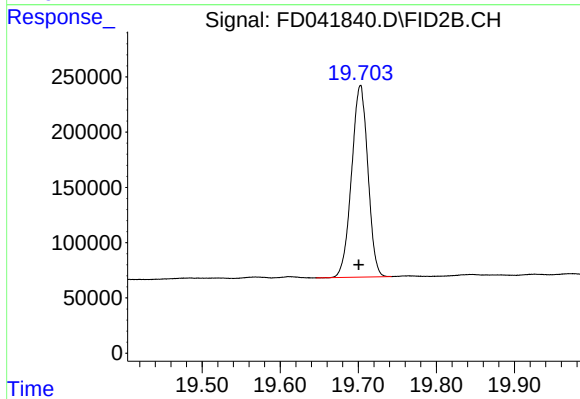
#18 n-Dotriacontane (C32)

R.T.: 18.187 min
Delta R.T.: 0.001 min
Response: 3060250
Conc: 20.62 ug/ml



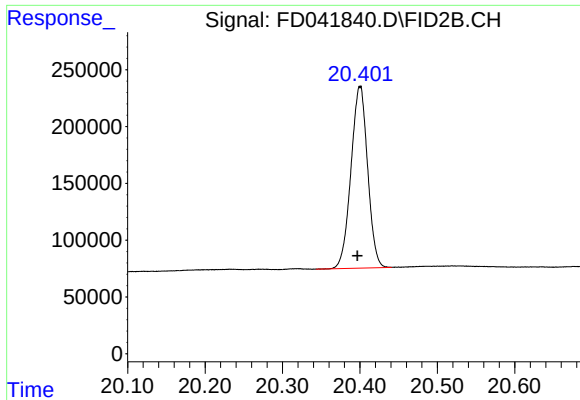
#19 n-Tetratriacontane (C34)

R.T.: 18.967 min
Delta R.T.: 0.002 min
Response: 2764664
Conc: 20.63 ug/ml



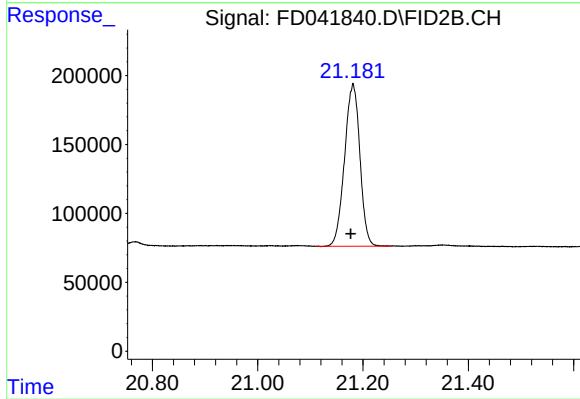
#20 n-Hexatriacontane (C36)

R.T.: 19.703 min
Delta R.T.: 0.002 min
Response: 2512036
Conc: 20.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: 0.003 min
Response: 2389153
Conc: 21.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.181 min
Delta R.T.: 0.004 min
Response: 2374569
Conc: 22.06 ug/ml