

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032822AL\
 Data File : FD041764.D
 Signal(s) : FID2B.CH
 Acq On : 28 Mar 2022 13:22
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 29 03:09:51 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)	11.225	3419359	19.282 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	12.664	2634333	19.024 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.090	2886175	19.620 ug/ml
2) T n-Decane (C10)	4.137	2877328	19.705 ug/ml
3) T A~Naphthalene (C11.7)	5.688	3073450	19.676 ug/ml
4) T n-Dodecane (C12)	6.133	2980843	19.789 ug/ml
5) T A~2-methylnaphthalene...	6.734	3040428	19.546 ug/ml
6) T n-Tetradecane (C14)	7.910	3011207	19.769 ug/ml
7) T n-Hexadecane (C16)	9.496	3062779	19.864 ug/ml
8) T n-Octadecane (C18)	10.927	3109892	19.739 ug/ml
10) T n-Eicosane (C20)	12.228	3101059	19.603 ug/ml
11) T n-Heneicosane (C21)	12.836	3095683	19.332 ug/ml
13) T n-Docosane (C22)	13.418	3127113	19.470 ug/ml
14) T n-Tetracosane (C24)	14.515	3162445	19.564 ug/ml
15) T n-Hexacosane (C26)	15.531	3107080	19.237 ug/ml
16) T n-Octacosane (C28)	16.475	3071492	19.081 ug/ml
17) T n-Tricontane (C30)	17.357	2956362	18.760 ug/ml
18) T n-Dotriacontane (C32)	18.184	2743244	18.486 ug/ml
19) T n-Tetratriacontane (C34)	18.964	2501504	18.670 ug/ml
20) T n-Hexatriacontane (C36)	19.700	2293834	19.156 ug/ml
21) T n-Octatriacontane (C38)	20.396	2182215	19.717 ug/ml
22) T n-Tetracontane (C40)	21.177	2180246	20.251 ug/ml

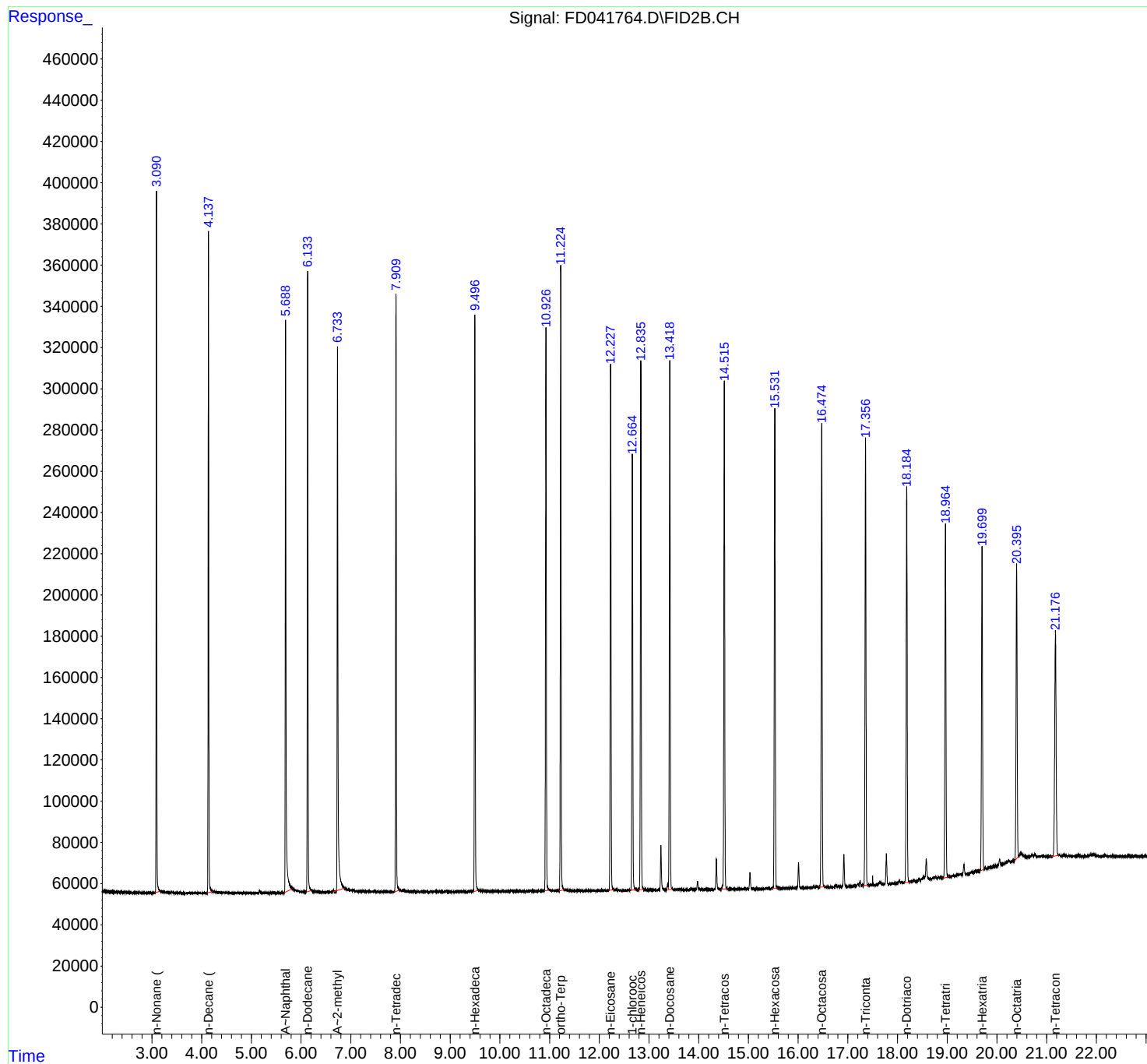
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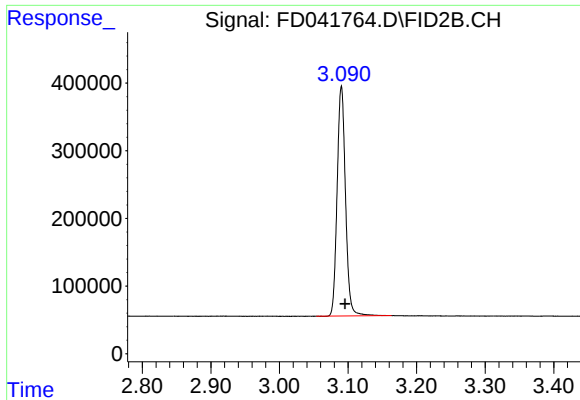
(m)=manual int.

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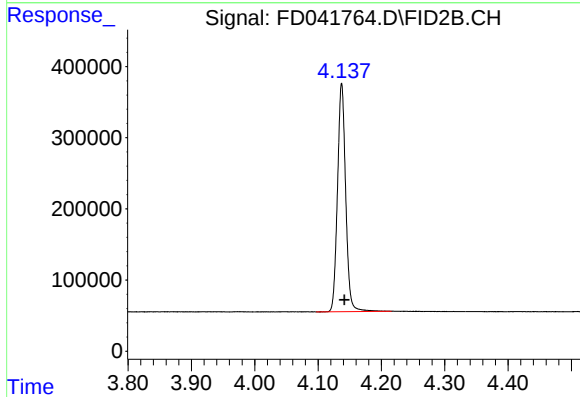
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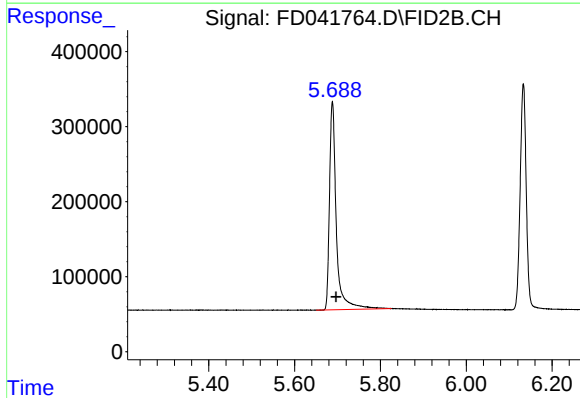
#1 n-Nonane (C9)

R.T.: 3.090 min
Delta R.T.: -0.006 min
Response: 2886175
Conc: 19.62 ug/ml



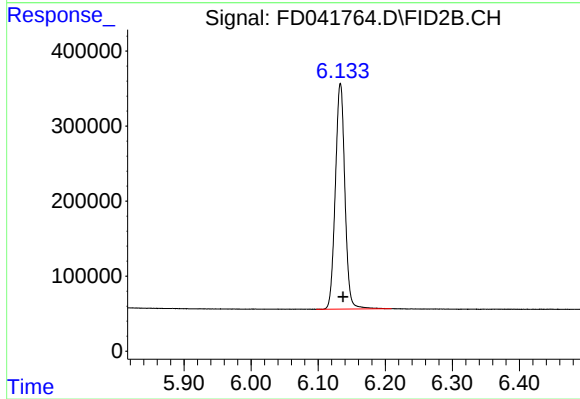
#2 n-Decane (C10)

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 2877328
Conc: 19.70 ug/ml



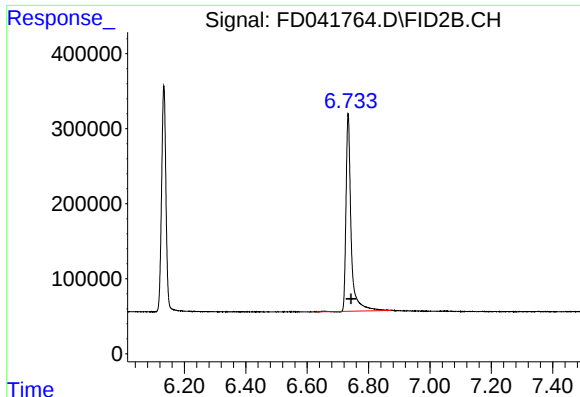
#3 A~Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.008 min
Response: 3073450
Conc: 19.68 ug/ml



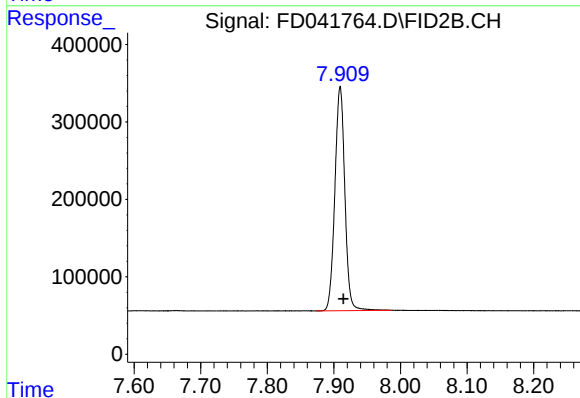
#4 n-Dodecane (C12)

R.T.: 6.133 min
Delta R.T.: -0.004 min
Response: 2980843
Conc: 19.79 ug/ml



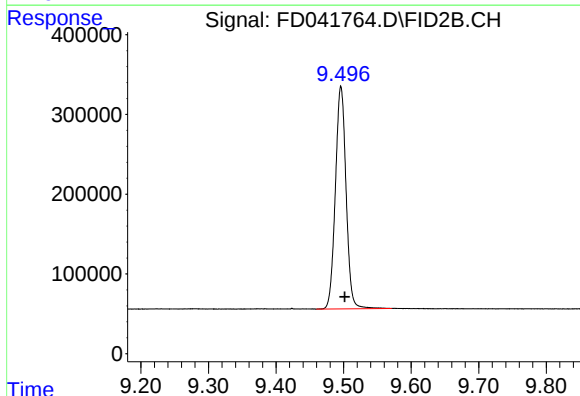
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.010 min
Response: 3040428
Conc: 19.55 ug/ml



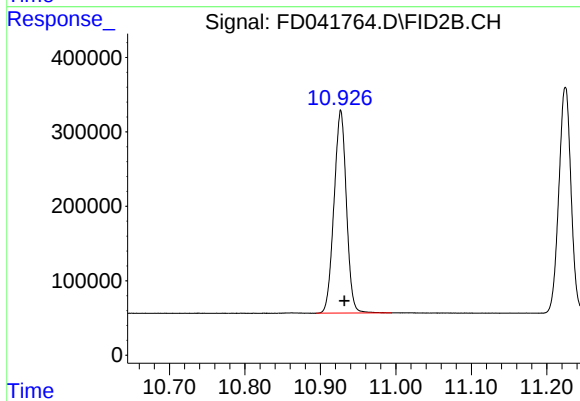
#6 n-Tetradecane (C14)

R.T.: 7.910 min
Delta R.T.: -0.005 min
Response: 3011207
Conc: 19.77 ug/ml



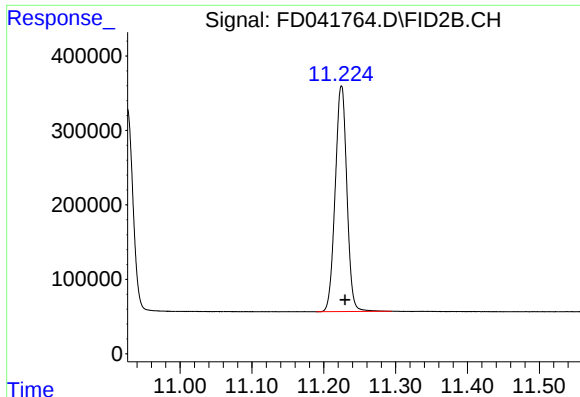
#7 n-Hexadecane (C16)

R.T.: 9.496 min
Delta R.T.: -0.005 min
Response: 3062779
Conc: 19.86 ug/ml



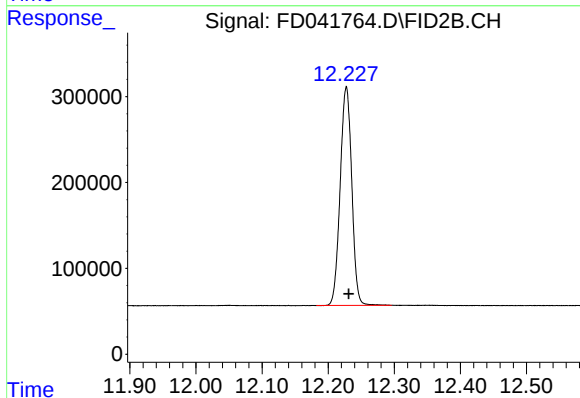
#8 n-Octadecane (C18)

R.T.: 10.927 min
Delta R.T.: -0.005 min
Response: 3109892
Conc: 19.74 ug/ml



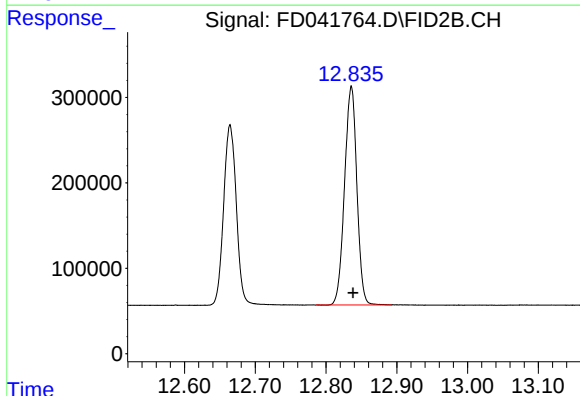
#9 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.005 min
Response: 3419359
Conc: 19.28 ug/ml



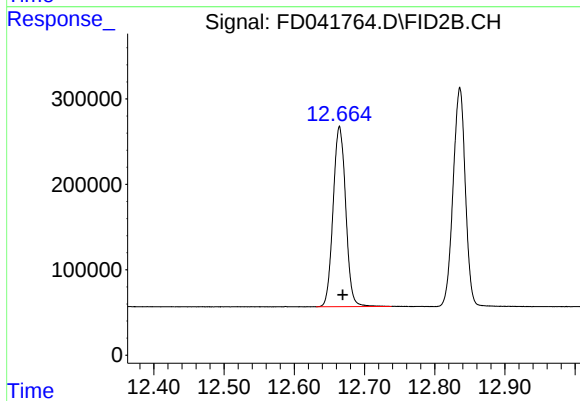
#10 n-Eicosane (C20)

R.T.: 12.228 min
Delta R.T.: -0.003 min
Response: 3101059
Conc: 19.60 ug/ml



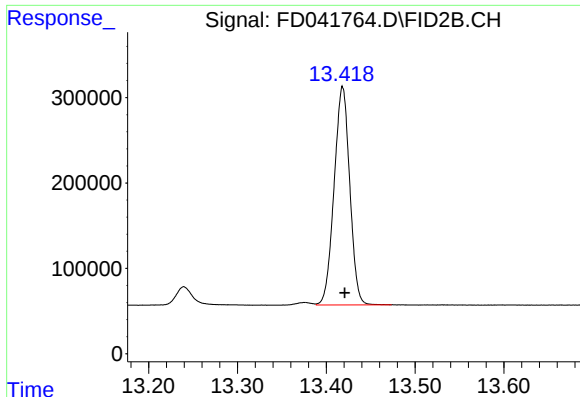
#11 n-Heneicosane (C21)

R.T.: 12.836 min
Delta R.T.: -0.002 min
Response: 3095683
Conc: 19.33 ug/ml



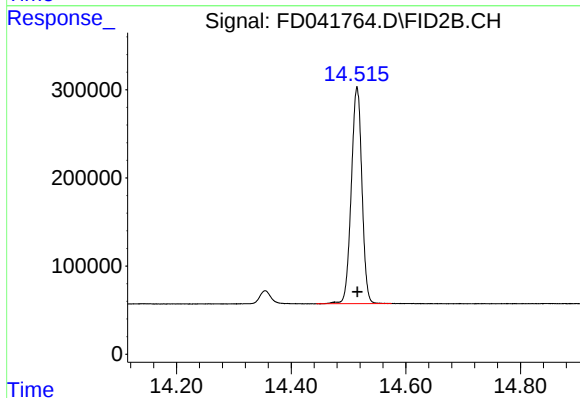
#12 1-chlorooctadecane (SURR)

R.T.: 12.664 min
Delta R.T.: -0.005 min
Response: 2634333
Conc: 19.02 ug/ml



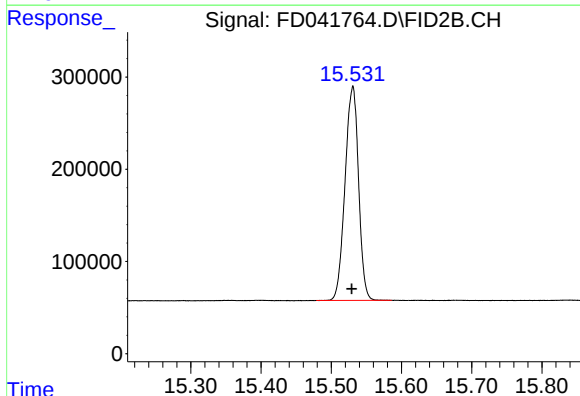
#13 n-Docosane (C22)

R.T.: 13.418 min
Delta R.T.: -0.002 min
Response: 3127113
Conc: 19.47 ug/ml



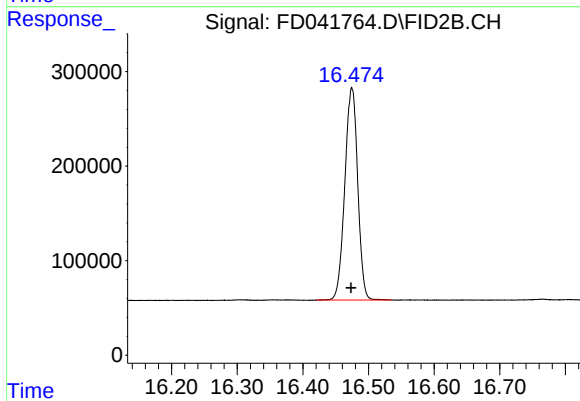
#14 n-Tetracosane (C24)

R.T.: 14.515 min
Delta R.T.: 0.000 min
Response: 3162445
Conc: 19.56 ug/ml



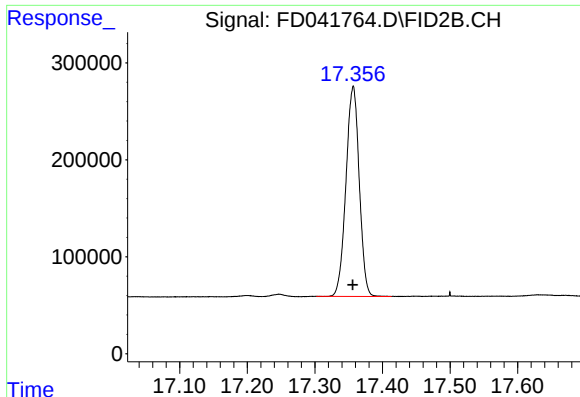
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: 0.001 min
Response: 3107080
Conc: 19.24 ug/ml



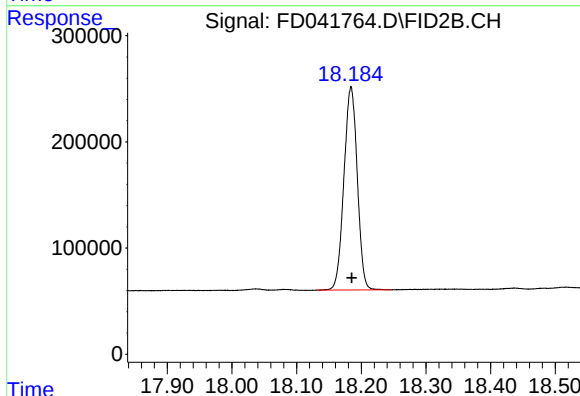
#16 n-Octacosane (C28)

R.T.: 16.475 min
Delta R.T.: 0.001 min
Response: 3071492
Conc: 19.08 ug/ml



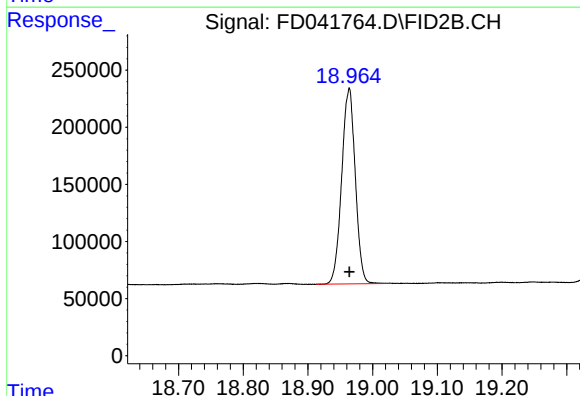
#17 n-Tricontane (C30)

R.T.: 17.357 min
Delta R.T.: 0.001 min
Response: 2956362
Conc: 18.76 ug/ml



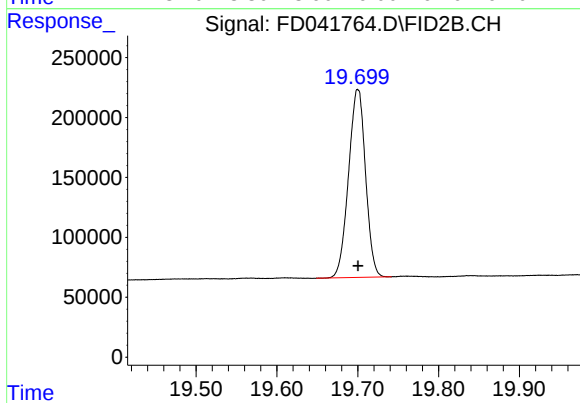
#18 n-Dotriacontane (C32)

R.T.: 18.184 min
Delta R.T.: -0.001 min
Response: 2743244
Conc: 18.49 ug/ml



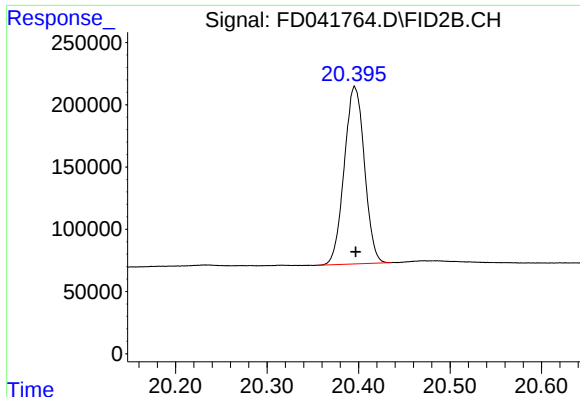
#19 n-Tetratriacontane (C34)

R.T.: 18.964 min
Delta R.T.: 0.000 min
Response: 2501504
Conc: 18.67 ug/ml



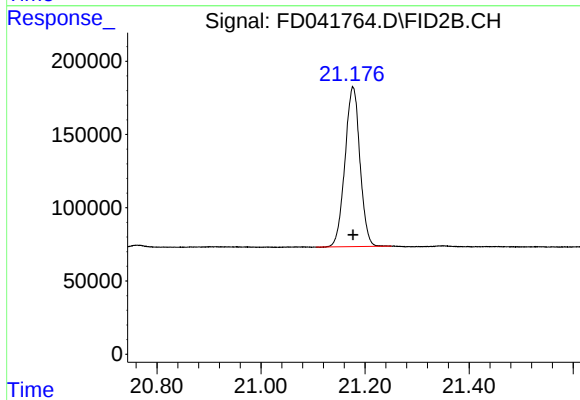
#20 n-Hexatriacontane (C36)

R.T.: 19.700 min
Delta R.T.: 0.000 min
Response: 2293834
Conc: 19.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.396 min
Delta R.T.: -0.001 min
Response: 2182215
Conc: 19.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.177 min
Delta R.T.: 0.000 min
Response: 2180246
Conc: 20.25 ug/ml