

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030824AL\
 Data File : FE047157.D
 Signal(s) : FID1B.ch
 Acq On : 08 Mar 2024 23:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 08 23:49:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.777	3106434	18.907 ug/ml
Spiked Amount 50.000		Recovery =	37.81%
12) S 1-chlorooctadecane (S...	13.216	2373764	19.283 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.170	2700815	17.711 ug/ml
2) T n-Decane (C10)	4.421	2856160	18.441 ug/ml
3) T A~Naphthalene (C11.7)	6.129	2793785	17.738 ug/ml
4) T n-Dodecane (C12)	6.589	2918884	18.773 ug/ml
5) T A~2-methylnaphthalene...	7.227	2522238	17.589 ug/ml
6) T n-Tetradecane (C14)	8.414	2905603	18.843 ug/ml
7) T n-Hexadecane (C16)	10.021	3011051	18.977 ug/ml
8) T n-Octadecane (C18)	11.463	3071938	19.270 ug/ml
10) T n-Eicosane (C20)	12.772	2912045	19.238 ug/ml
11) T n-Heneicosane (C21)	13.383	2840208	19.180 ug/ml
13) T n-Docosane (C22)	13.969	2838119	19.507 ug/ml
14) T n-Tetracosane (C24)	15.072	2852779	19.975 ug/ml
15) T n-Hexacosane (C26)	16.093	2823222	20.203 ug/ml
16) T n-Octacosane (C28)	17.042	2906392	21.333 ug/mlm
17) T n-Tricontane (C30)	17.931	3138425	22.495 ug/ml
18) T n-Dotriacontane (C32)	18.764	3162108	22.980 ug/ml
19) T n-Tetratriacontane (C34)	19.547	2967090	22.087 ug/ml
20) T n-Hexatriacontane (C36)	20.287	2854105	21.433 ug/mlm
21) T n-Octatriacontane (C38)	21.006	2810964	20.401 ug/mlm
22) T n-Tetracontane (C40)	21.874	2836241	20.102 ug/ml

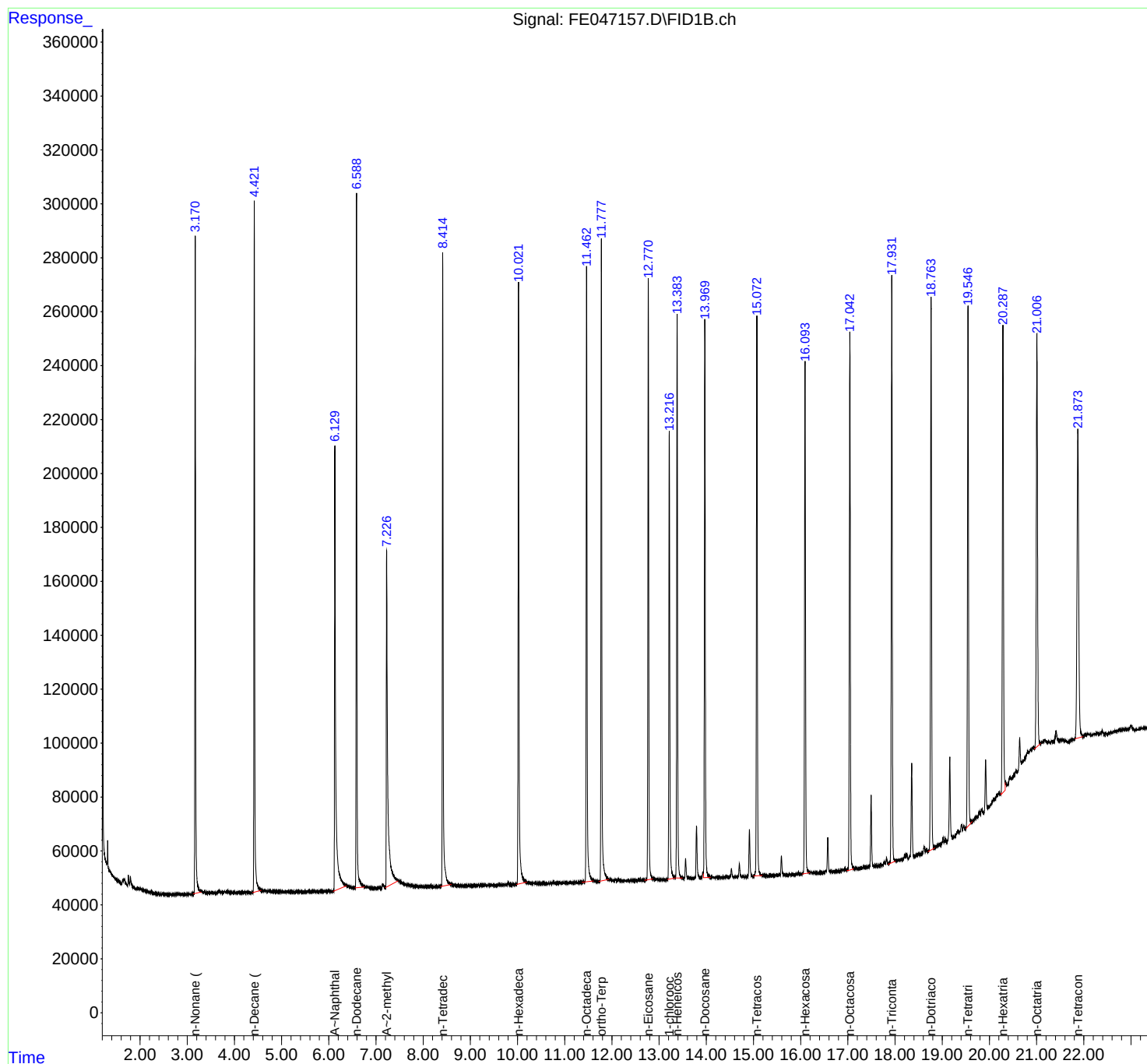
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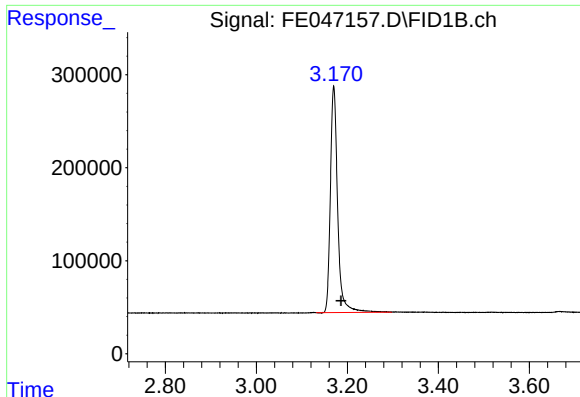
(m)=manual int.

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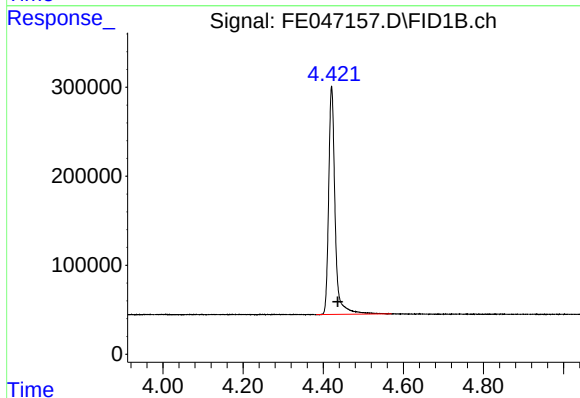
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Signal Info : 20M x 0.18mm x 0.18um





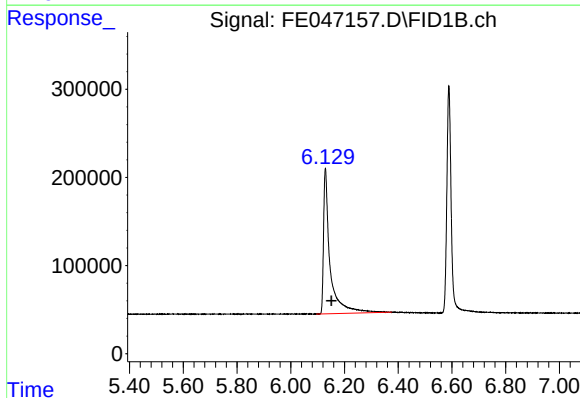
#1 n-Nonane (C9)

R.T.: 3.170 min
Delta R.T.: -0.016 min
Response: 2700815
Conc: 17.71 ug/ml



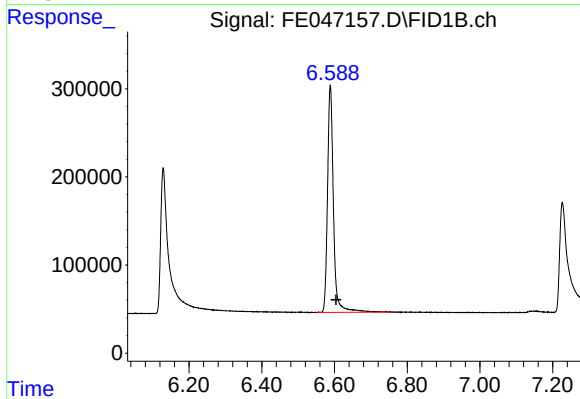
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.015 min
Response: 2856160
Conc: 18.44 ug/ml



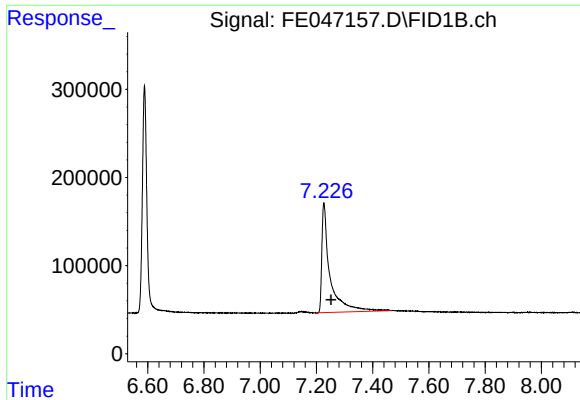
#3 A~Naphthalene (C11.7)

R.T.: 6.129 min
Delta R.T.: -0.022 min
Response: 2793785
Conc: 17.74 ug/ml



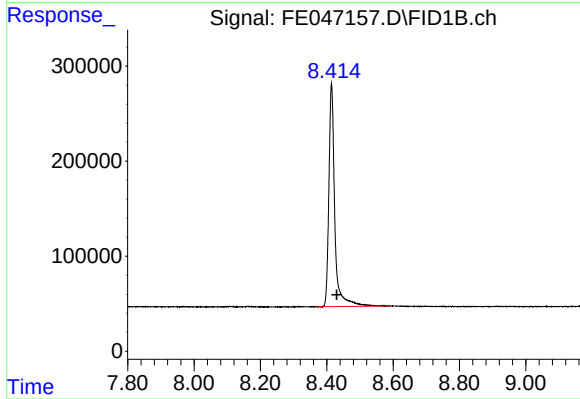
#4 n-Dodecane (C12)

R.T.: 6.589 min
Delta R.T.: -0.015 min
Response: 2918884
Conc: 18.77 ug/ml



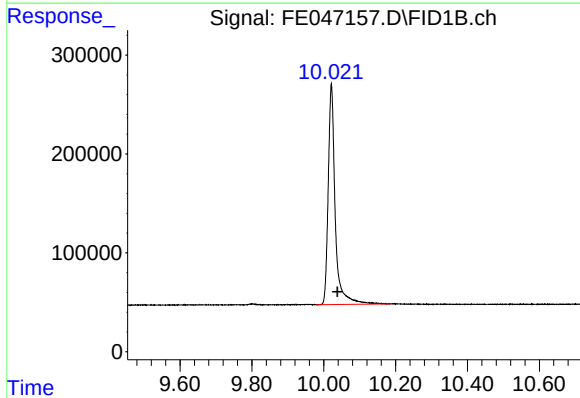
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.227 min
Delta R.T.: -0.026 min
Response: 2522238
Conc: 17.59 ug/ml



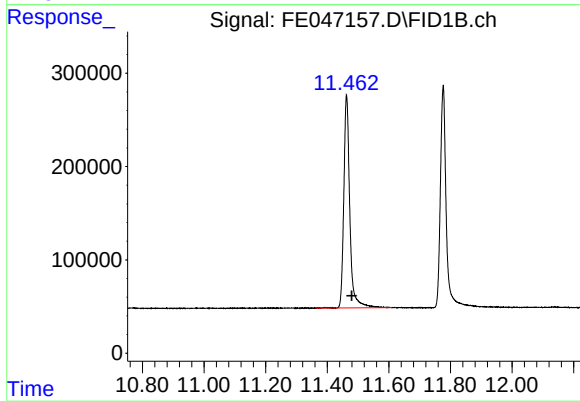
#6 n-Tetradecane (C14)

R.T.: 8.414 min
Delta R.T.: -0.015 min
Response: 2905603
Conc: 18.84 ug/ml



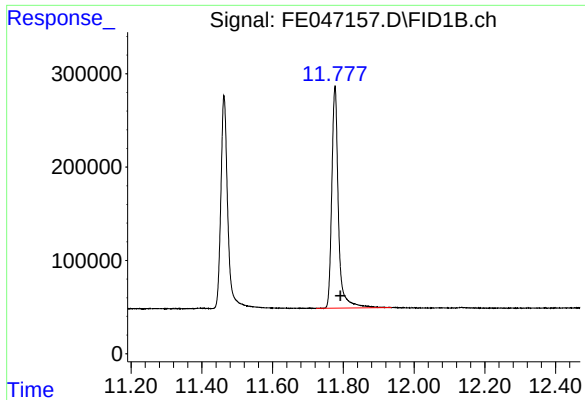
#7 n-Hexadecane (C16)

R.T.: 10.021 min
Delta R.T.: -0.017 min
Response: 3011051
Conc: 18.98 ug/ml



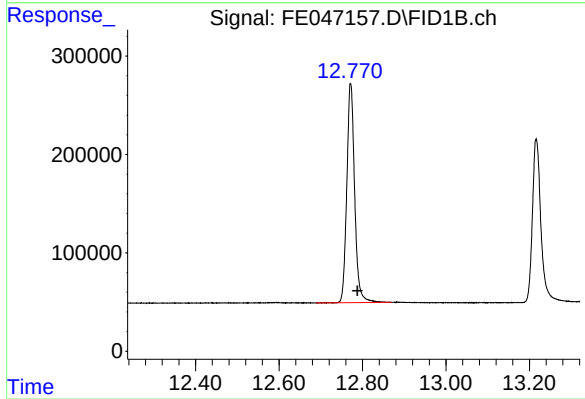
#8 n-Octadecane (C18)

R.T.: 11.463 min
Delta R.T.: -0.017 min
Response: 3071938
Conc: 19.27 ug/ml



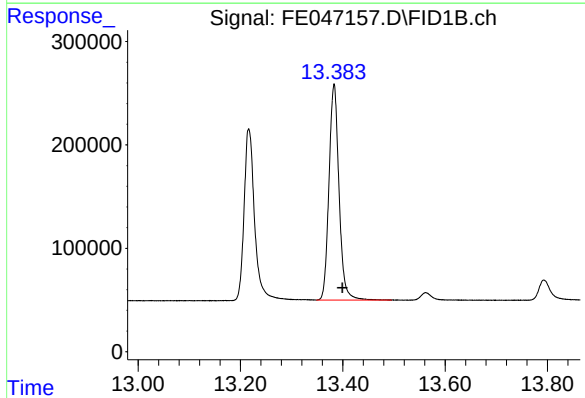
#9 ortho-Terphenyl (SURR)

R.T.: 11.777 min
Delta R.T.: -0.015 min
Response: 3106434
Conc: 18.91 ug/ml



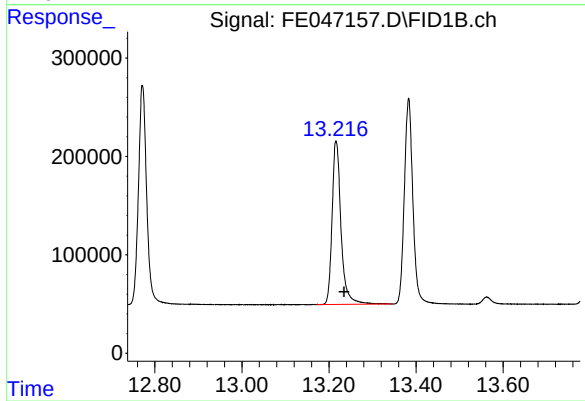
#10 n-Eicosane (C20)

R.T.: 12.772 min
Delta R.T.: -0.016 min
Response: 2912045
Conc: 19.24 ug/ml



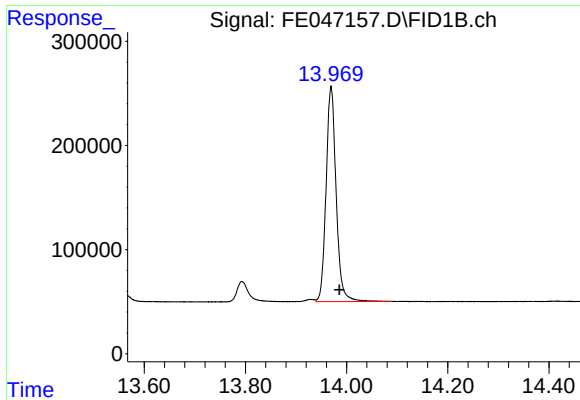
#11 n-Heneicosane (C21)

R.T.: 13.383 min
Delta R.T.: -0.016 min
Response: 2840208
Conc: 19.18 ug/ml



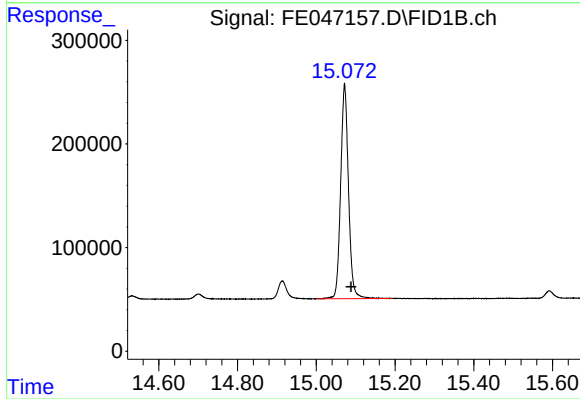
#12 1-chlorooctadecane (SURR)

R.T.: 13.216 min
Delta R.T.: -0.019 min
Response: 2373764
Conc: 19.28 ug/ml



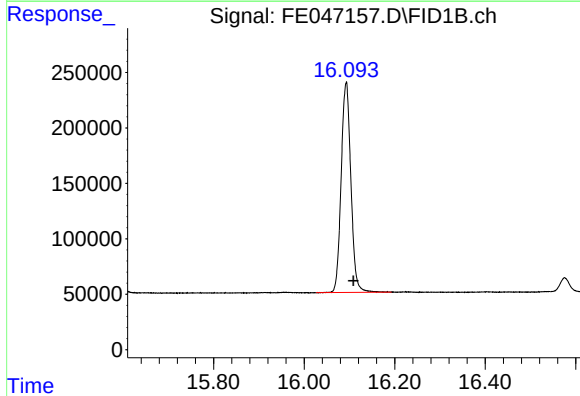
#13 n-Docosane (C22)

R.T.: 13.969 min
Delta R.T.: -0.017 min
Response: 2838119
Conc: 19.51 ug/ml



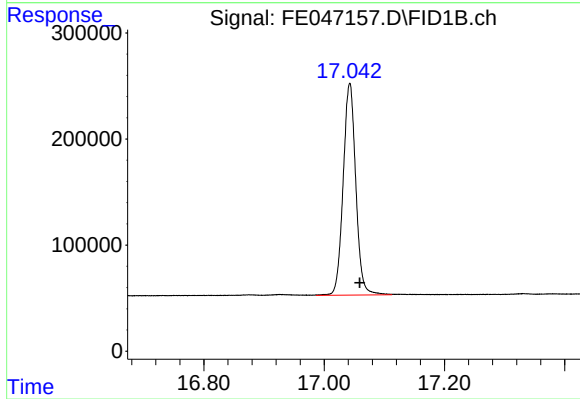
#14 n-Tetracosane (C24)

R.T.: 15.072 min
Delta R.T.: -0.017 min
Response: 2852779
Conc: 19.98 ug/ml



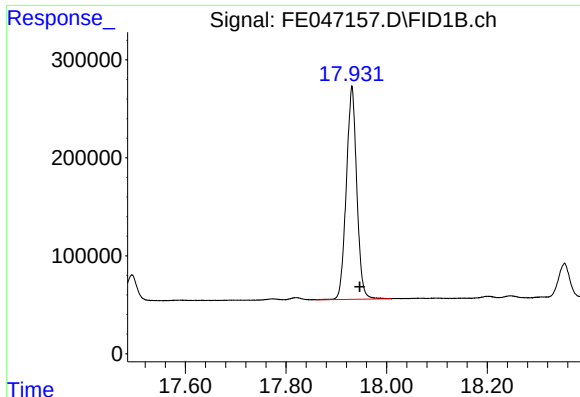
#15 n-Hexacosane (C26)

R.T.: 16.093 min
Delta R.T.: -0.016 min
Response: 2823222
Conc: 20.20 ug/ml



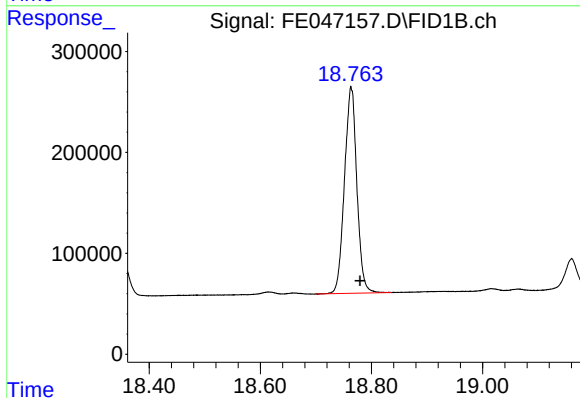
#16 n-Octacosane (C28)

R.T.: 17.042 min
Delta R.T.: -0.017 min
Response: 2906392
Conc: 21.33 ug/ml m



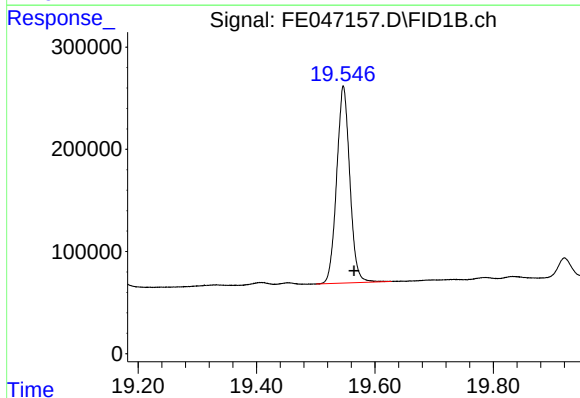
#17 n-Tricontane (C30)

R.T.: 17.931 min
Delta R.T.: -0.016 min
Response: 3138425
Conc: 22.49 ug/ml



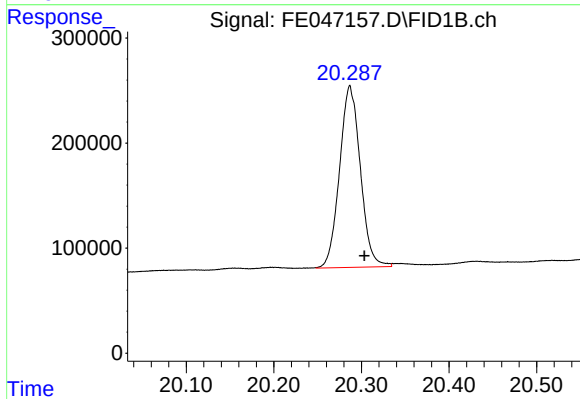
#18 n-Dotriacontane (C32)

R.T.: 18.764 min
Delta R.T.: -0.016 min
Response: 3162108
Conc: 22.98 ug/ml



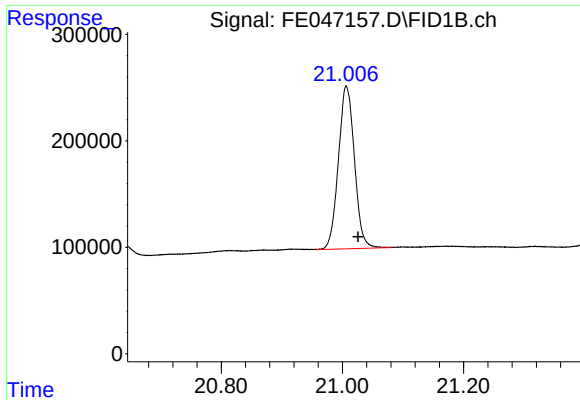
#19 n-Tetratriacontane (C34)

R.T.: 19.547 min
Delta R.T.: -0.018 min
Response: 2967090
Conc: 22.09 ug/ml



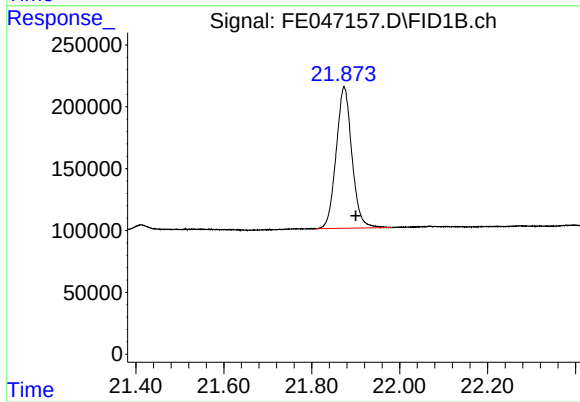
#20 n-Hexatriacontane (C36)

R.T.: 20.287 min
Delta R.T.: -0.017 min
Response: 2854105
Conc: 21.43 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.006 min
Delta R.T.: -0.020 min
Response: 2810964
Conc: 20.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: -0.026 min
Response: 2836241
Conc: 20.10 ug/ml