

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101623AL\
 Data File : FE044881.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 00:43
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 02:38:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.907	3687394	18.394 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
12) S 1-chlorooctadecane (S...	13.349	2693241	18.199 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
Target Compounds			
1) T n-Nonane (C9)	3.289	3106732	18.520 ug/ml
2) T n-Decane (C10)	4.541	3169533	18.606 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3435961	18.561 ug/ml
4) T n-Dodecane (C12)	6.708	3204914	18.566 ug/ml
5) T A~2-methylnaphthalene...	7.339	3330145	18.461 ug/ml
6) T n-Tetradecane (C14)	8.535	3171503	18.495 ug/ml
7) T n-Hexadecane (C16)	10.145	3228101	18.460 ug/ml
8) T n-Octadecane (C18)	11.591	3208493	18.396 ug/ml
10) T n-Eicosane (C20)	12.903	3074624	18.408 ug/ml
11) T n-Heneicosane (C21)	13.517	2978922	18.274 ug/ml
13) T n-Docosane (C22)	14.105	2978866	18.623 ug/ml
14) T n-Tetracosane (C24)	15.210	2979407	19.198 ug/ml
15) T n-Hexacosane (C26)	16.234	2964535	19.746 ug/ml
16) T n-Octacosane (C28)	17.185	2996634	20.407 ug/ml
17) T n-Tricontane (C30)	18.074	3071884	20.654 ug/ml
18) T n-Dotriacontane (C32)	18.909	3209909	21.386 ug/ml
19) T n-Tetratriacontane (C34)	19.693	3079938	20.690 ug/ml
20) T n-Hexatriacontane (C36)	20.436	3067067	19.950 ug/ml
21) T n-Octatriacontane (C38)	21.176	3209179	20.544 ug/mlm
22) T n-Tetracontane (C40)	22.097	3373865	20.188 ug/mlm

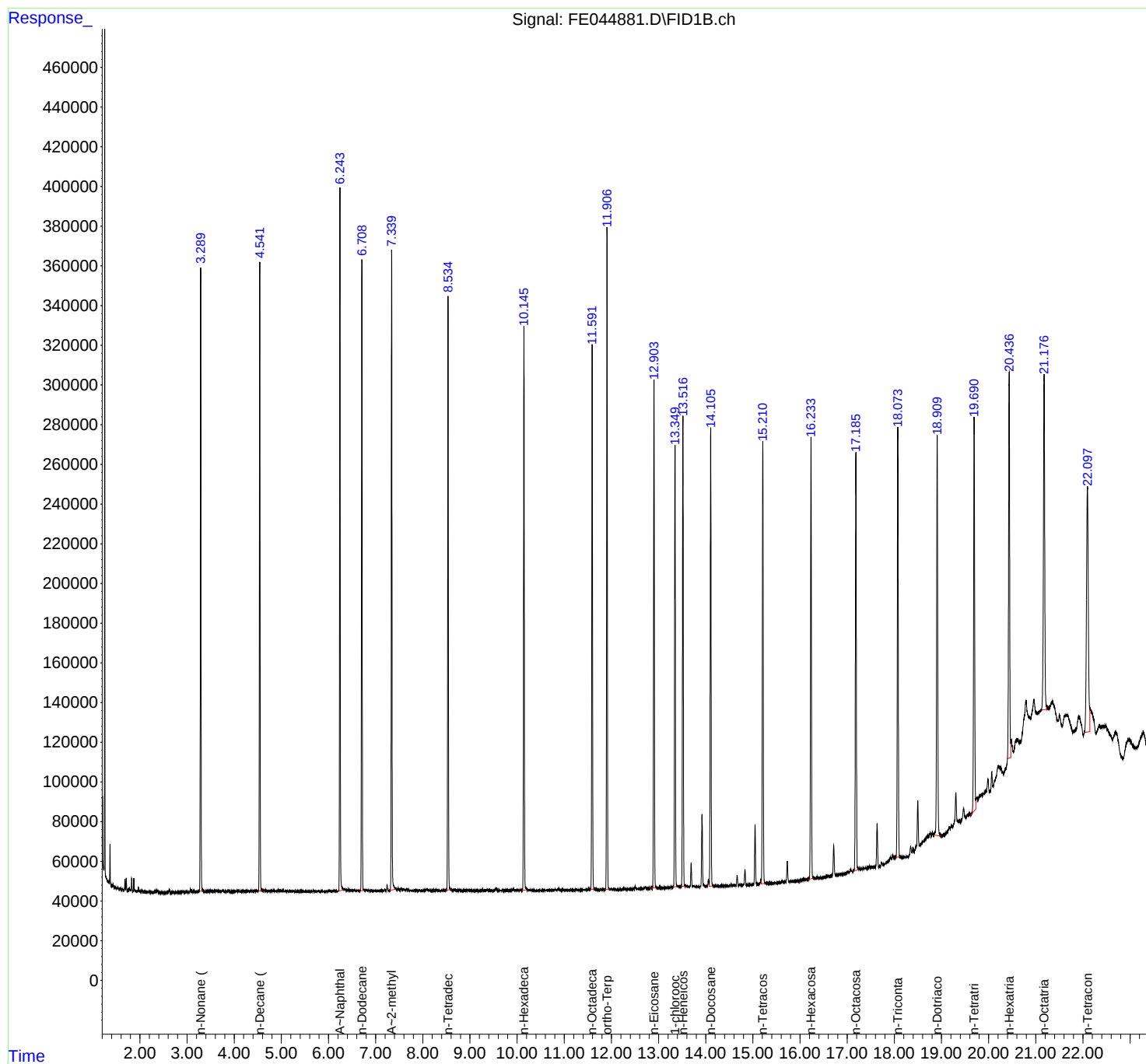
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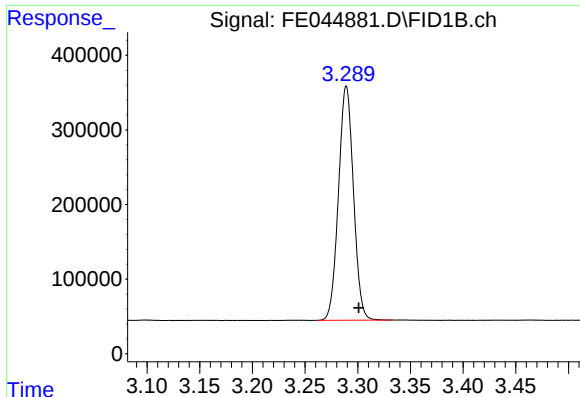
(m)=manual int.

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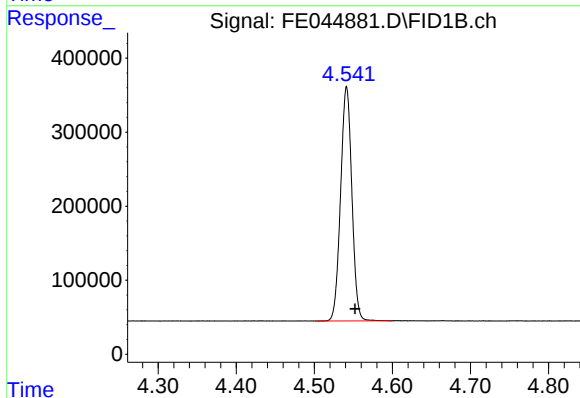
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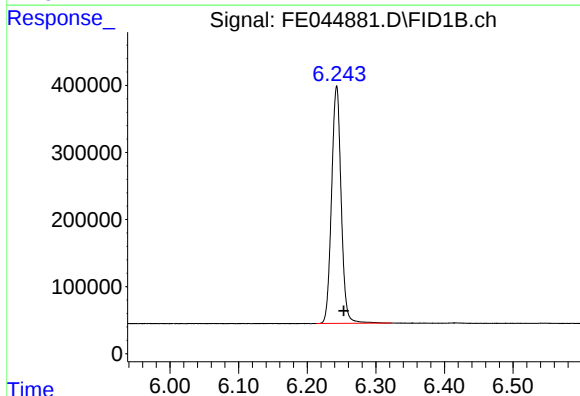
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.012 min
Response: 3106732
Conc: 18.52 ug/ml



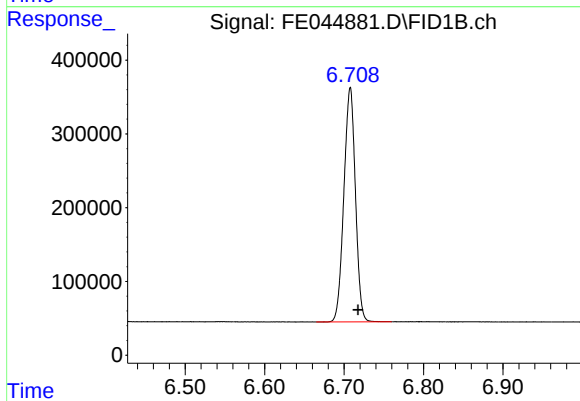
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 3169533
Conc: 18.61 ug/ml



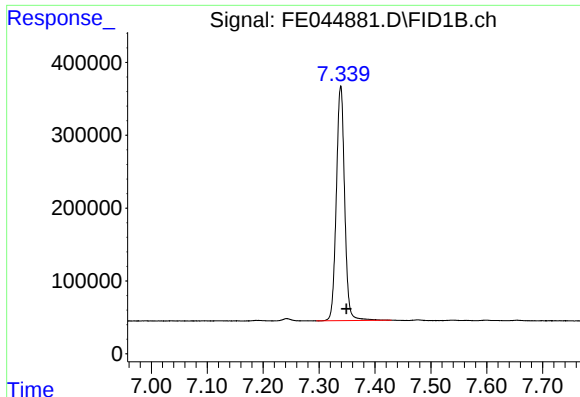
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 3435961
Conc: 18.56 ug/ml



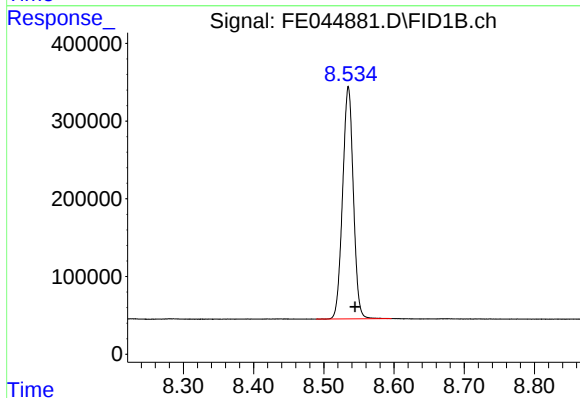
#4 n-Dodecane (C12)

R.T.: 6.708 min
Delta R.T.: -0.010 min
Response: 3204914
Conc: 18.57 ug/ml



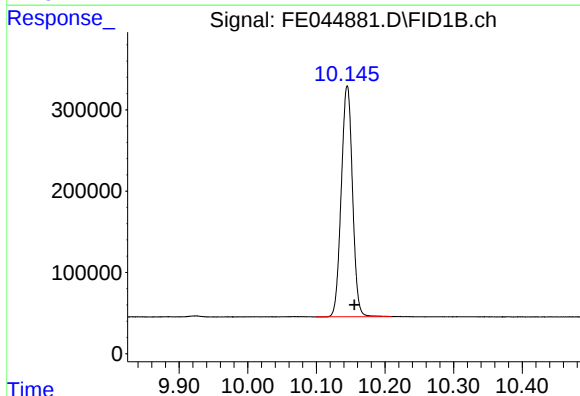
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 3330145
Conc: 18.46 ug/ml



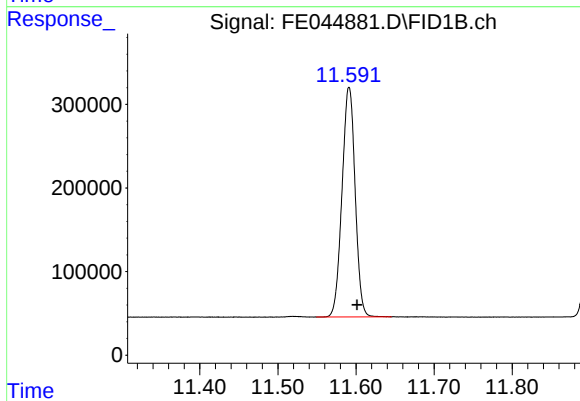
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.009 min
Response: 3171503
Conc: 18.50 ug/ml



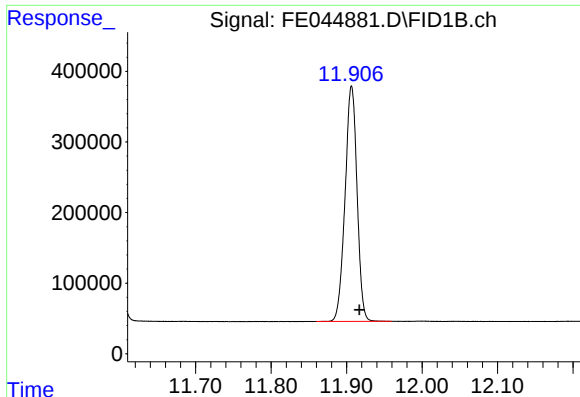
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.010 min
Response: 3228101
Conc: 18.46 ug/ml



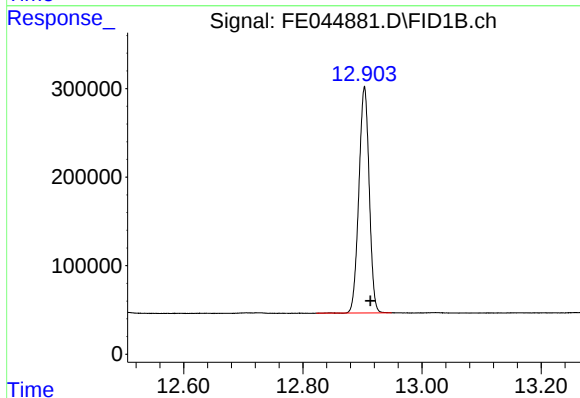
#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.010 min
Response: 3208493
Conc: 18.40 ug/ml



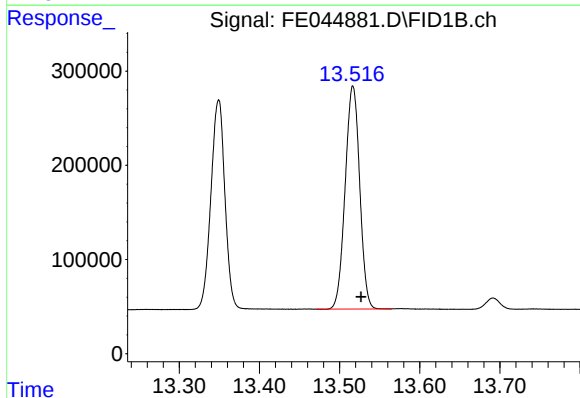
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.010 min
Response: 3687394
Conc: 18.39 ug/ml



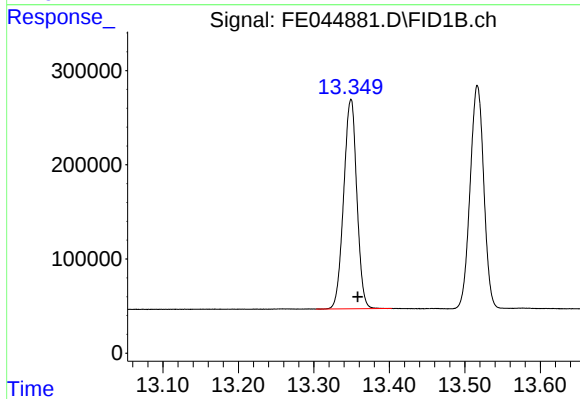
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.010 min
Response: 3074624
Conc: 18.41 ug/ml



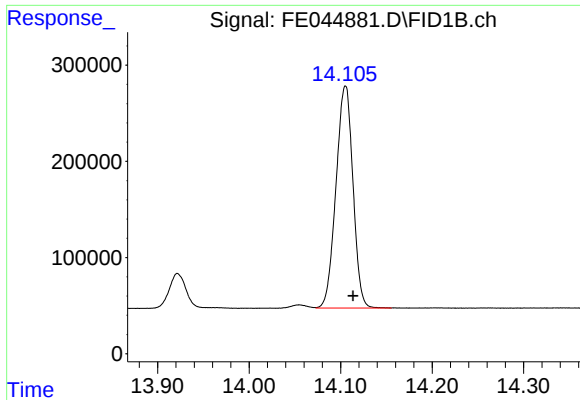
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.010 min
Response: 2978922
Conc: 18.27 ug/ml



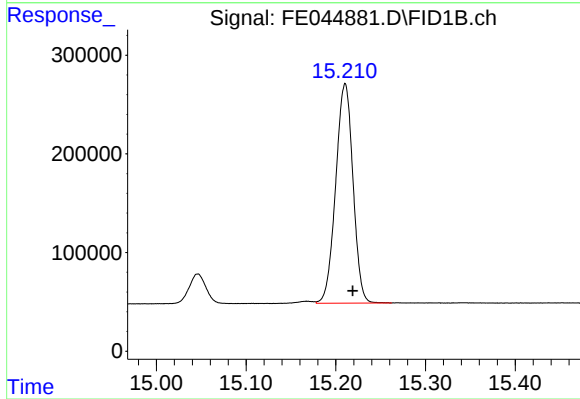
#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: -0.009 min
Response: 2693241
Conc: 18.20 ug/ml



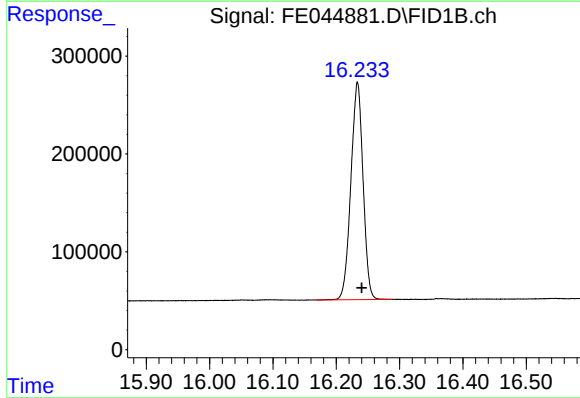
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: -0.008 min
Response: 2978866
Conc: 18.62 ug/ml



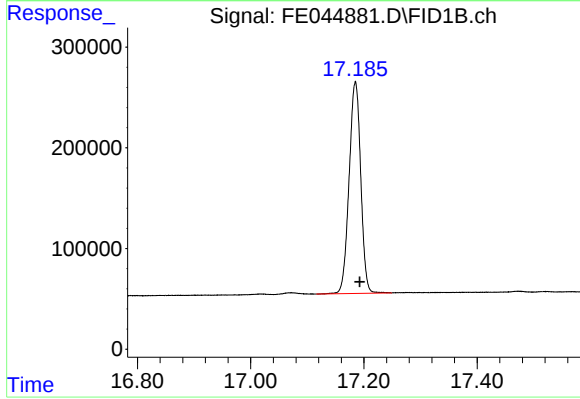
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: -0.008 min
Response: 2979407
Conc: 19.20 ug/ml



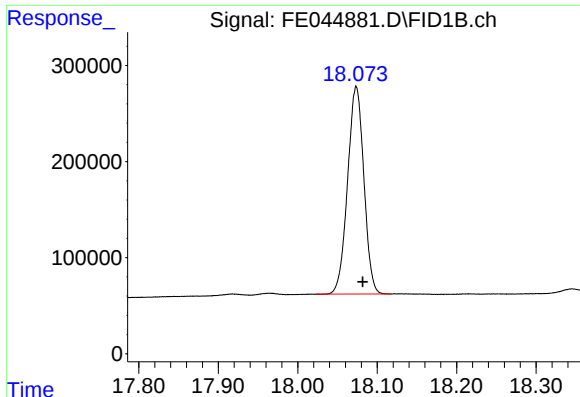
#15 n-Hexacosane (C26)

R.T.: 16.234 min
Delta R.T.: -0.007 min
Response: 2964535
Conc: 19.75 ug/ml



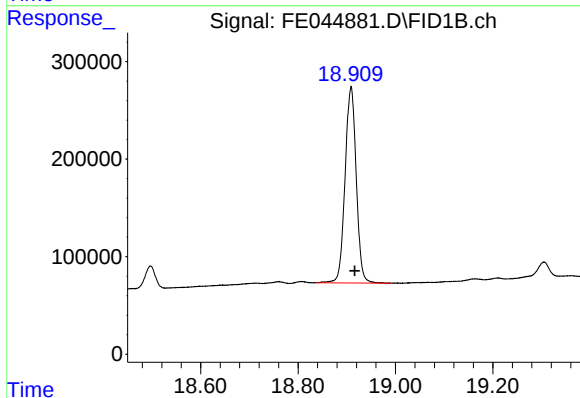
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: -0.007 min
Response: 2996634
Conc: 20.41 ug/ml



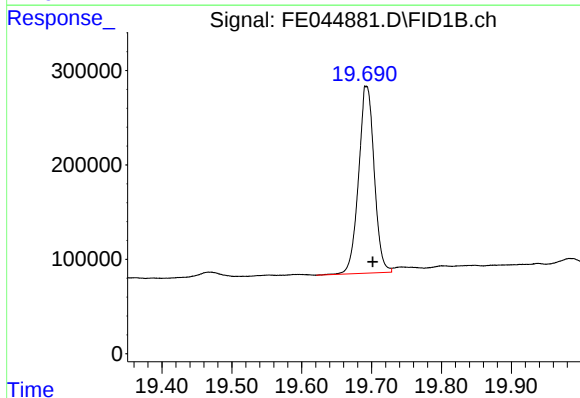
#17 n-Tricontane (C30)

R.T.: 18.074 min
Delta R.T.: -0.008 min
Response: 3071884
Conc: 20.65 ug/ml



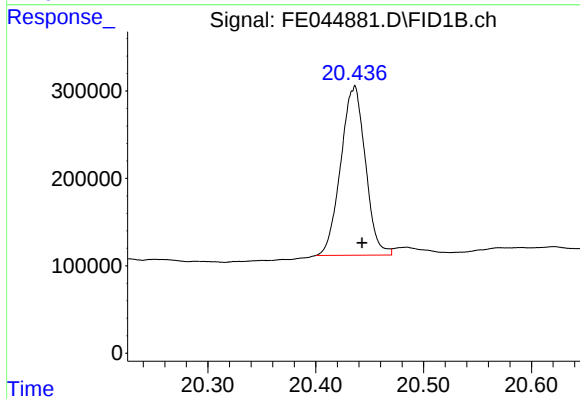
#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.007 min
Response: 3209909
Conc: 21.39 ug/ml



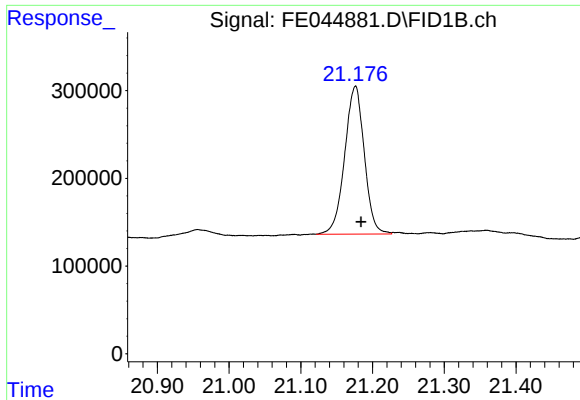
#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: -0.009 min
Response: 3079938
Conc: 20.69 ug/ml



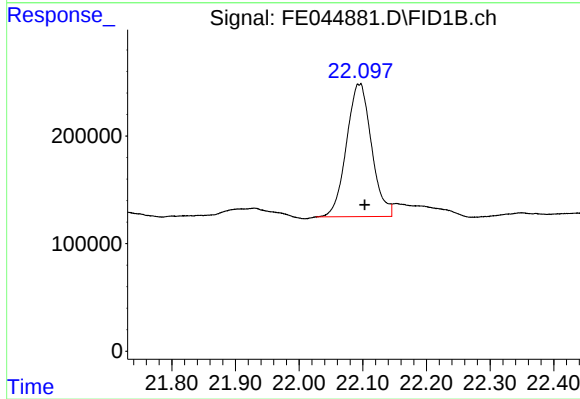
#20 n-Hexatriacontane (C36)

R.T.: 20.436 min
Delta R.T.: -0.007 min
Response: 3067067
Conc: 19.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.176 min
Delta R.T.: -0.008 min
Response: 3209179
Conc: 20.54 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.097 min
Delta R.T.: -0.006 min
Response: 3373865
Conc: 20.19 ug/ml m