

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092823AL\
 Data File : FE044504.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2023 22:08
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 29 01:22:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.920	3640785	19.393 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
12) S 1-chlorooctadecane (S...	13.359	2665777	19.595 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.310	3122728	19.234 ug/ml
2) T n-Decane (C10)	4.561	3186981	19.246 ug/ml
3) T A~Naphthalene (C11.7)	6.261	3465395	19.383 ug/ml
4) T n-Dodecane (C12)	6.724	3205656	19.273 ug/ml
5) T A~2-methylnaphthalene...	7.356	3327186	19.447 ug/ml
6) T n-Tetradecane (C14)	8.551	3172222	19.323 ug/ml
7) T n-Hexadecane (C16)	10.160	3279609	19.359 ug/ml
8) T n-Octadecane (C18)	11.603	3291540	19.386 ug/ml
10) T n-Eicosane (C20)	12.914	3120644	19.396 ug/ml
11) T n-Heneicosane (C21)	13.527	3034961	19.382 ug/ml
13) T n-Docosane (C22)	14.112	3006867	19.496 ug/ml
14) T n-Tetracosane (C24)	15.217	2933515	19.406 ug/ml
15) T n-Hexacosane (C26)	16.239	2854551	19.406 ug/ml
16) T n-Octacosane (C28)	17.190	2846853	19.849 ug/ml
17) T n-Tricontane (C30)	18.079	3069180	20.705 ug/ml
18) T n-Dotriacontane (C32)	18.912	3153725	21.304 ug/ml
19) T n-Tetratriacontane (C34)	19.697	3095517	21.181 ug/ml
20) T n-Hexatriacontane (C36)	20.438	2924376	20.161 ug/ml
21) T n-Octatriacontane (C38)	21.179	3010100	20.096 ug/ml
22) T n-Tetracontane (C40)	22.099	3463508	21.947 ug/ml

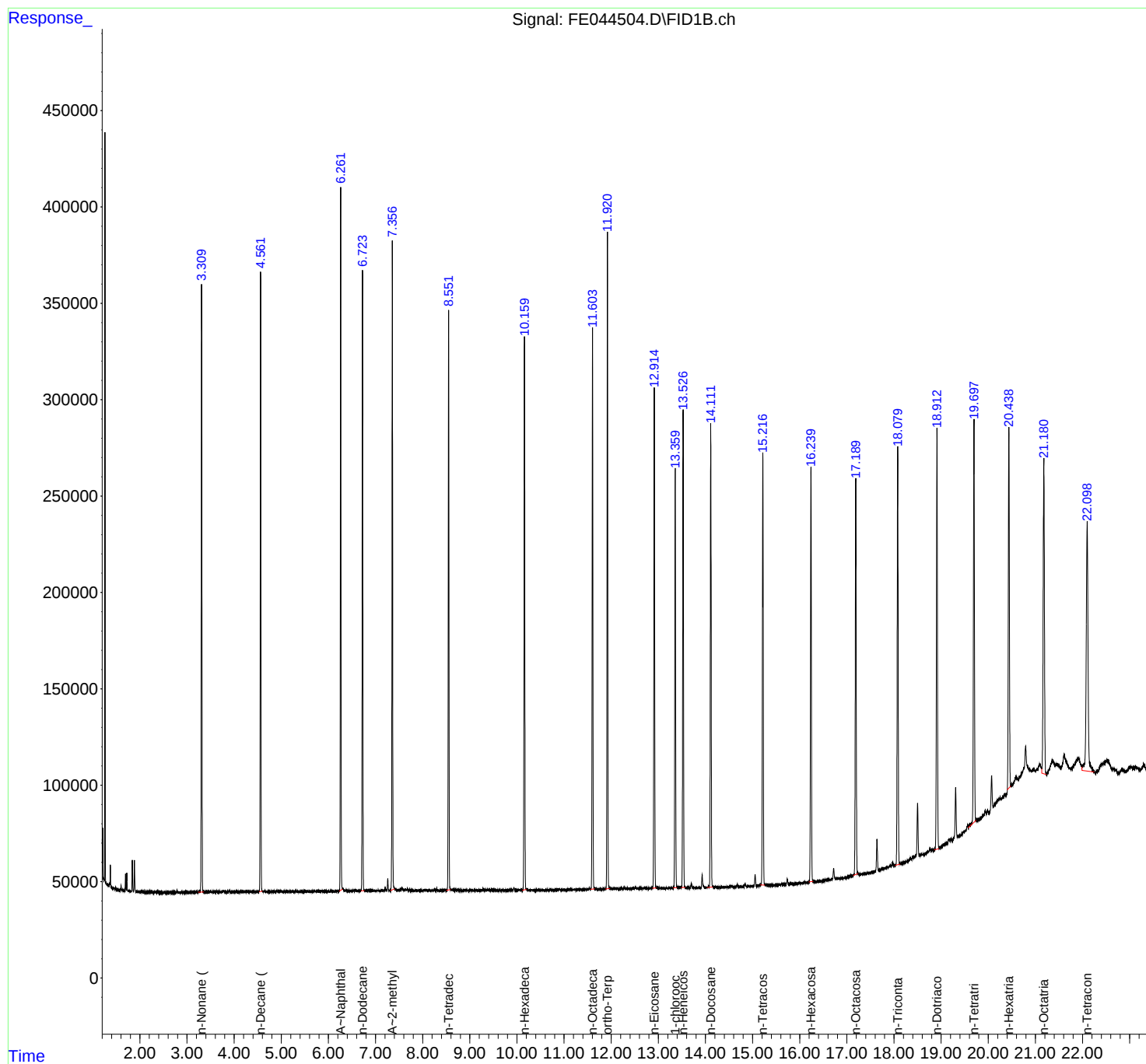
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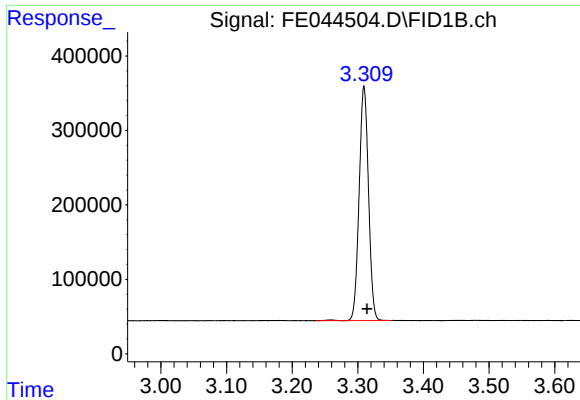
(m)=manual int.

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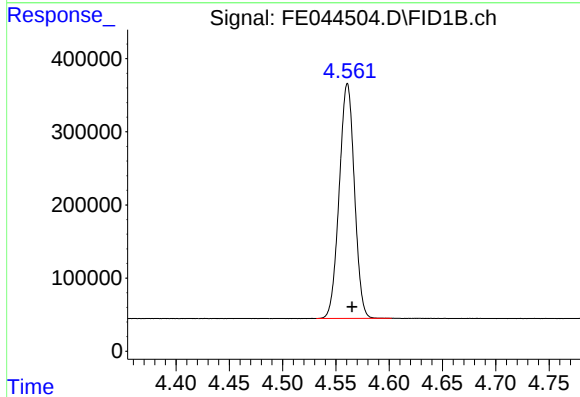
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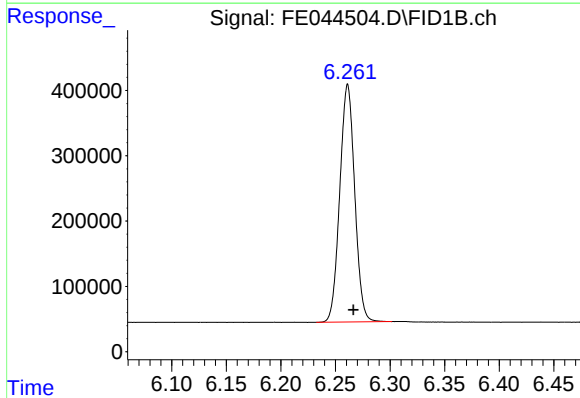
#1 n-Nonane (C9)

R.T.: 3.310 min
Delta R.T.: -0.004 min
Response: 3122728
Conc: 19.23 ug/ml



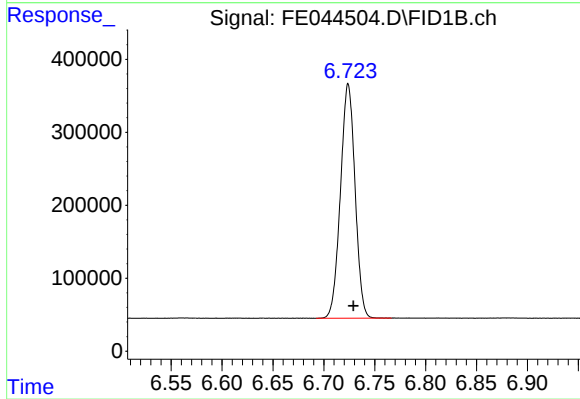
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.004 min
Response: 3186981
Conc: 19.25 ug/ml



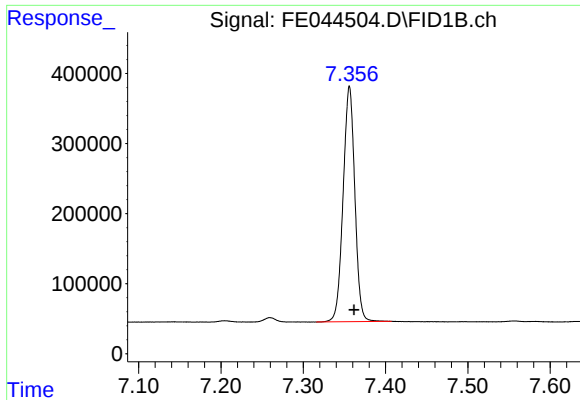
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.005 min
Response: 3465395
Conc: 19.38 ug/ml



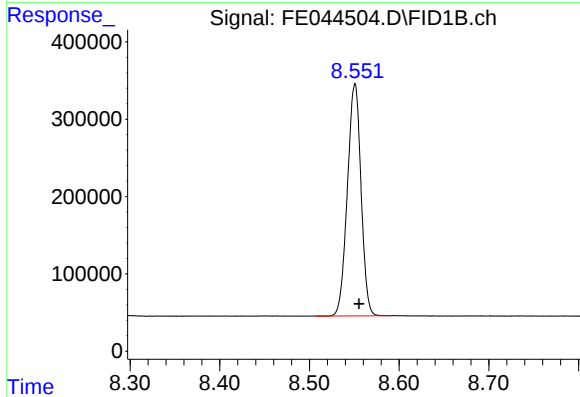
#4 n-Dodecane (C12)

R.T.: 6.724 min
Delta R.T.: -0.005 min
Response: 3205656
Conc: 19.27 ug/ml



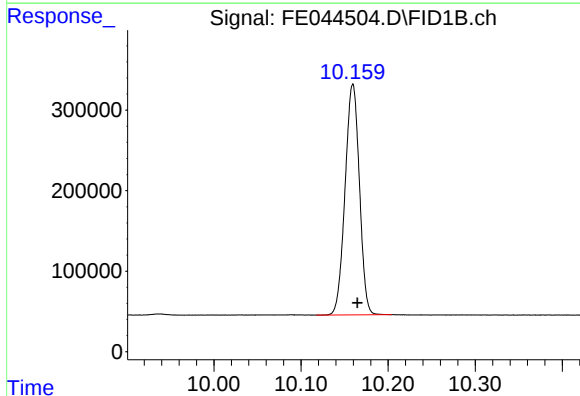
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.356 min
Delta R.T.: -0.006 min
Response: 3327186
Conc: 19.45 ug/ml



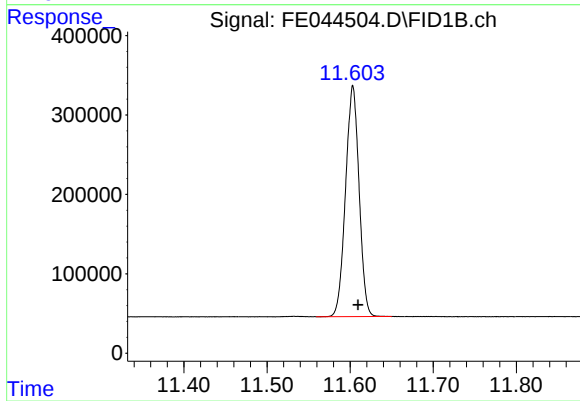
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.004 min
Response: 3172222
Conc: 19.32 ug/ml



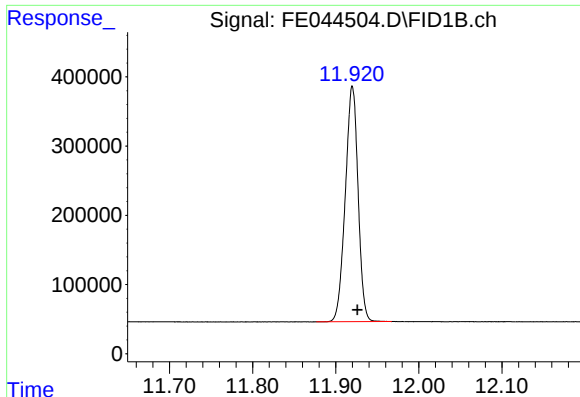
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.005 min
Response: 3279609
Conc: 19.36 ug/ml



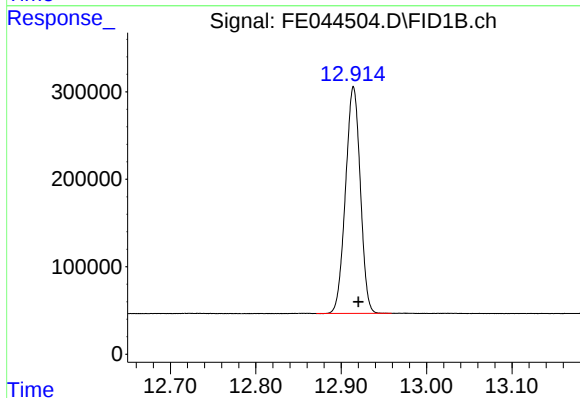
#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.006 min
Response: 3291540
Conc: 19.39 ug/ml



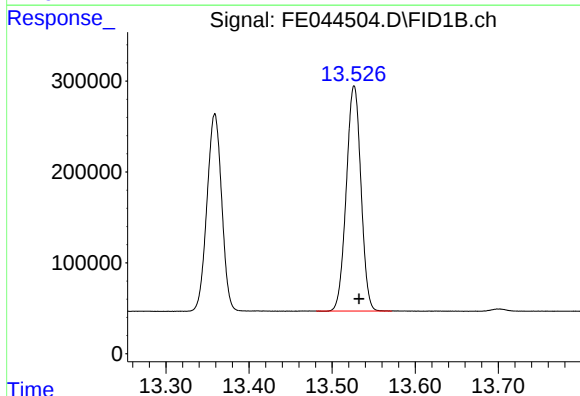
#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: -0.006 min
Response: 3640785
Conc: 19.39 ug/ml



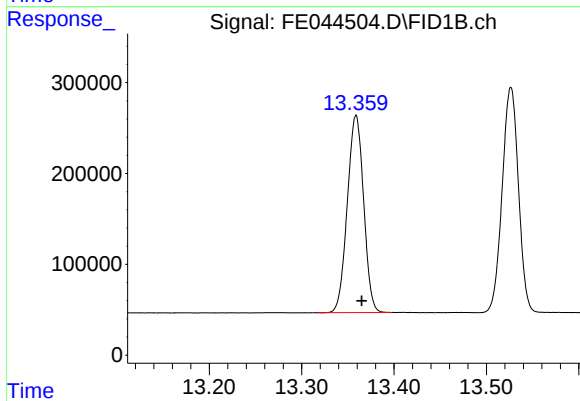
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.006 min
Response: 3120644
Conc: 19.40 ug/ml



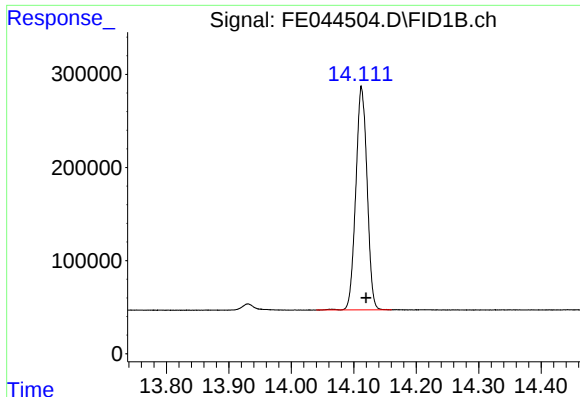
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.006 min
Response: 3034961
Conc: 19.38 ug/ml



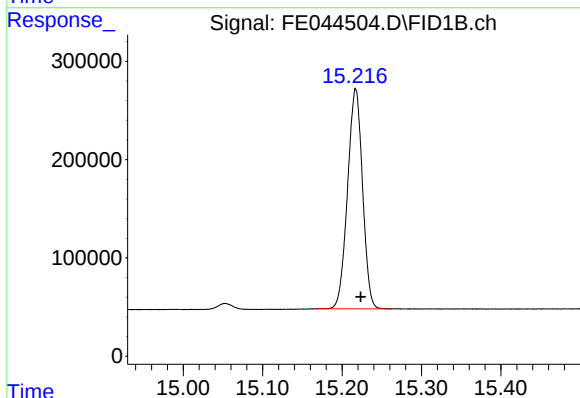
#12 1-chlorooctadecane (SURR)

R.T.: 13.359 min
Delta R.T.: -0.006 min
Response: 2665777
Conc: 19.60 ug/ml



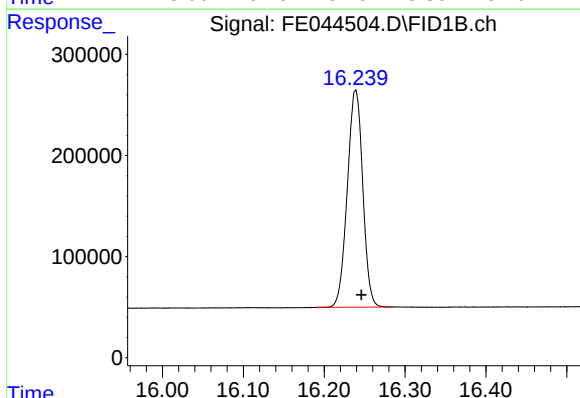
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.007 min
Response: 3006867
Conc: 19.50 ug/ml



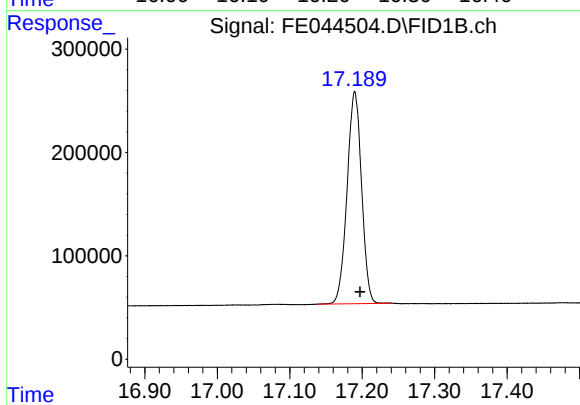
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.006 min
Response: 2933515
Conc: 19.41 ug/ml



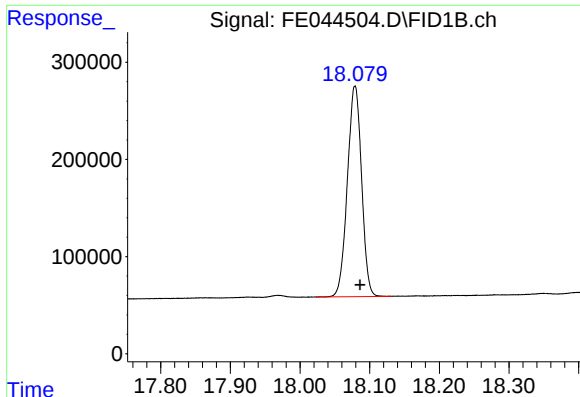
#15 n-Hexacosane (C26)

R.T.: 16.239 min
Delta R.T.: -0.007 min
Response: 2854551
Conc: 19.41 ug/ml



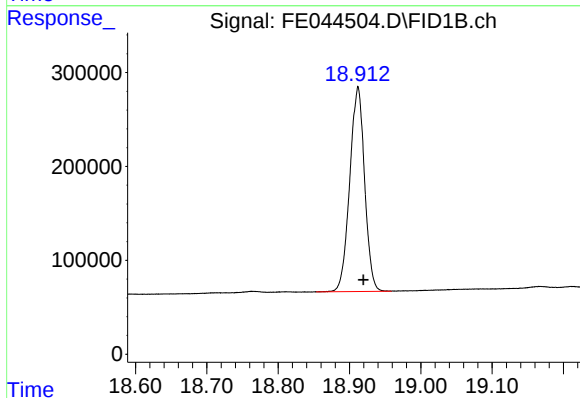
#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 2846853
Conc: 19.85 ug/ml



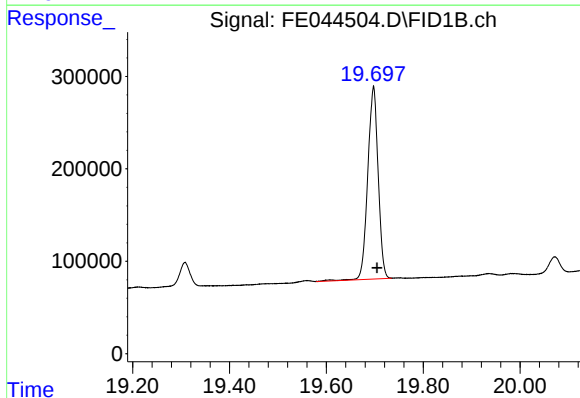
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.007 min
Response: 3069180
Conc: 20.71 ug/ml



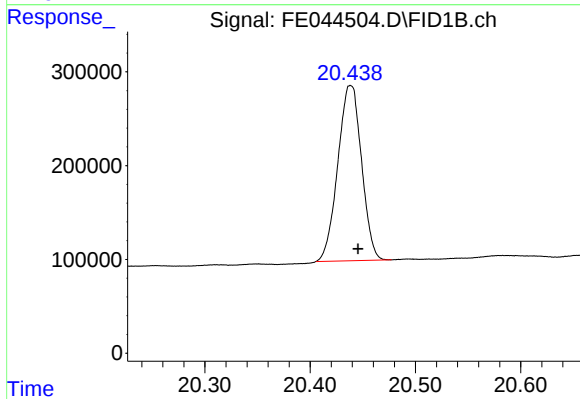
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: -0.008 min
Response: 3153725
Conc: 21.30 ug/ml



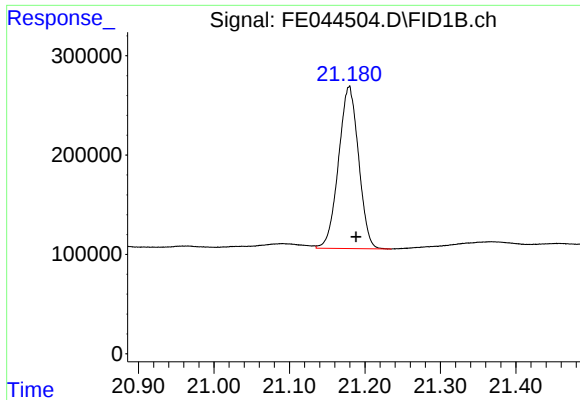
#19 n-Tetratriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.007 min
Response: 3095517
Conc: 21.18 ug/ml



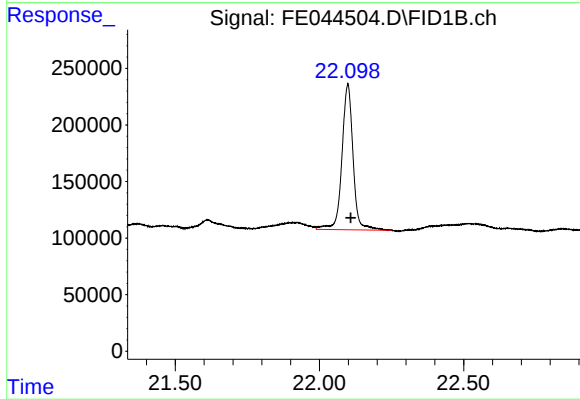
#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.007 min
Response: 2924376
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 3010100
Conc: 20.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.010 min
Response: 3463508
Conc: 21.95 ug/ml