

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092723AL\
 Data File : FE044468.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2023 06:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 27 12:58:40 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	3861054	20.566 ug/ml
Spiked Amount 50.000		Recovery =	41.13%
12) S 1-chlorooctadecane (S...	13.358	2815816	20.698 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
Target Compounds			
1) T n-Nonane (C9)	3.311	3383714	20.842 ug/ml
2) T n-Decane (C10)	4.562	3451396	20.843 ug/ml
3) T A~Naphthalene (C11.7)	6.262	3711389	20.759 ug/ml
4) T n-Dodecane (C12)	6.725	3462539	20.817 ug/ml
5) T A~2-methylnaphthalene...	7.357	3549601	20.747 ug/ml
6) T n-Tetradecane (C14)	8.550	3407992	20.759 ug/ml
7) T n-Hexadecane (C16)	10.160	3506234	20.697 ug/ml
8) T n-Octadecane (C18)	11.604	3507884	20.660 ug/ml
10) T n-Eicosane (C20)	12.914	3315568	20.608 ug/ml
11) T n-Heneicosane (C21)	13.526	3219715	20.562 ug/ml
13) T n-Docosane (C22)	14.112	3167282	20.536 ug/ml
14) T n-Tetracosane (C24)	15.216	3096442	20.484 ug/ml
15) T n-Hexacosane (C26)	16.238	3022308	20.547 ug/ml
16) T n-Octacosane (C28)	17.187	2976355	20.752 ug/ml
17) T n-Tricontane (C30)	18.078	3133053	21.136 ug/ml
18) T n-Dotriacontane (C32)	18.911	3170103	21.414 ug/ml
19) T n-Tetratriacontane (C34)	19.697	3108435	21.270 ug/ml
20) T n-Hexatriacontane (C36)	20.438	3055891	21.067 ug/ml
21) T n-Octatriacontane (C38)	21.179	3137669	20.947 ug/ml
22) T n-Tetracontane (C40)	22.098	3245353	20.565 ug/ml

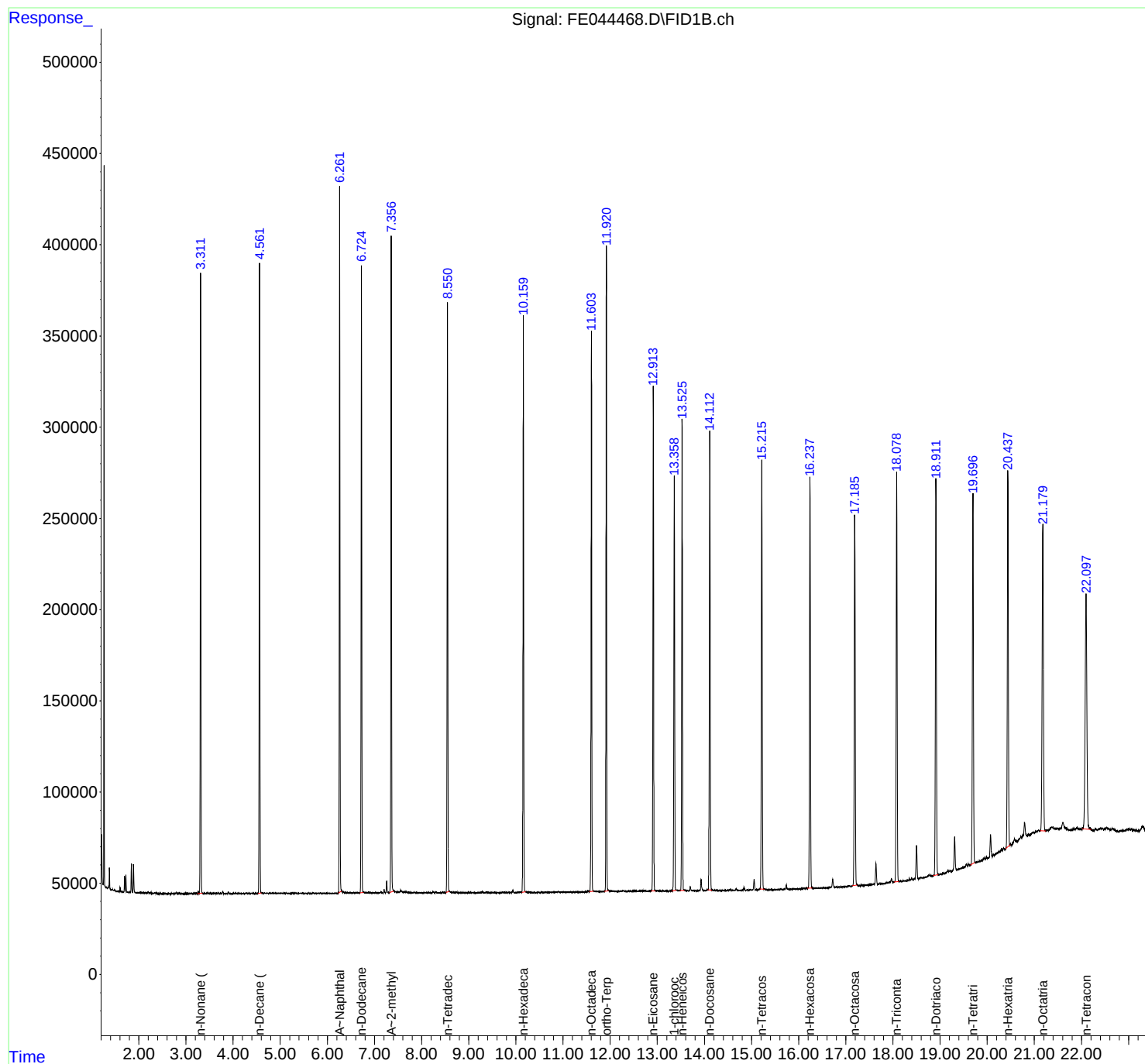
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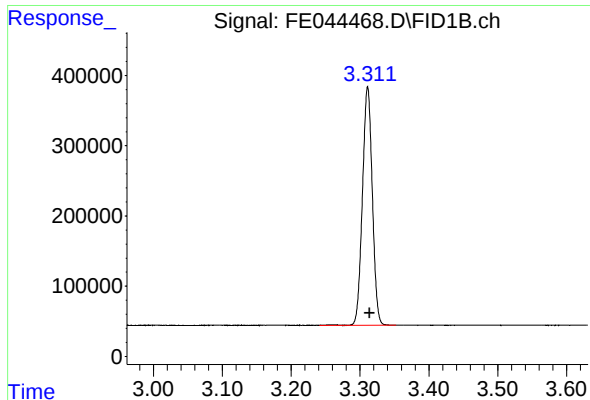
(m)=manual int.

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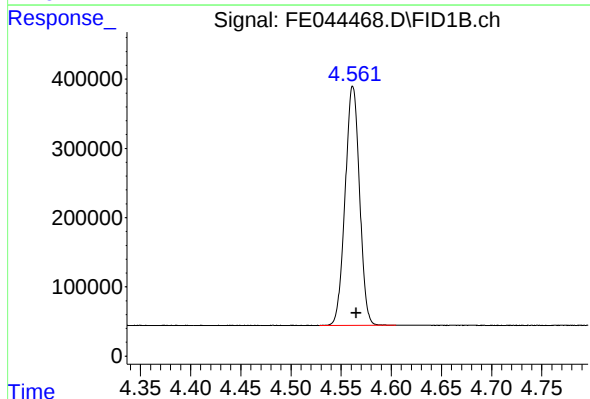
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Signal Info : 20M x 0.18mm x 0.18um





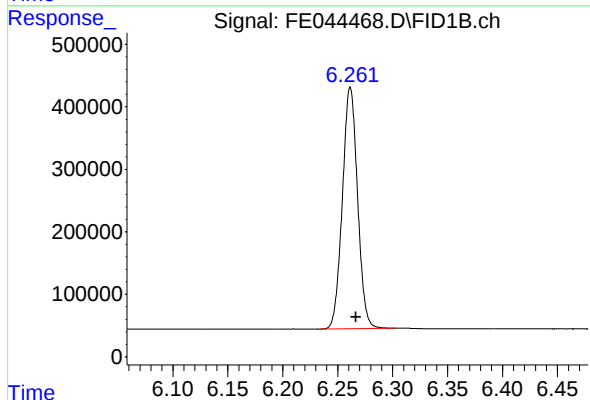
#1 n-Nonane (C9)

R.T.: 3.311 min
Delta R.T.: -0.003 min
Response: 3383714
Conc: 20.84 ug/ml



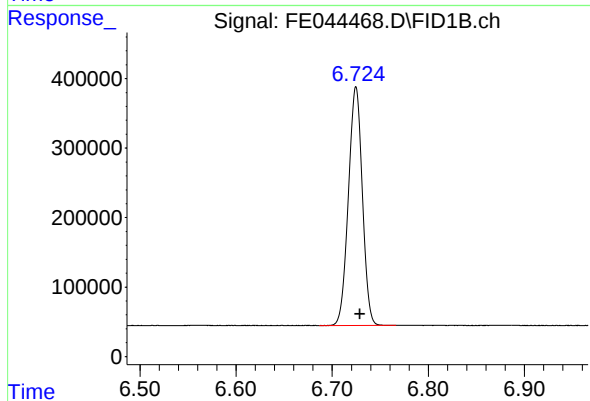
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.003 min
Response: 3451396
Conc: 20.84 ug/ml



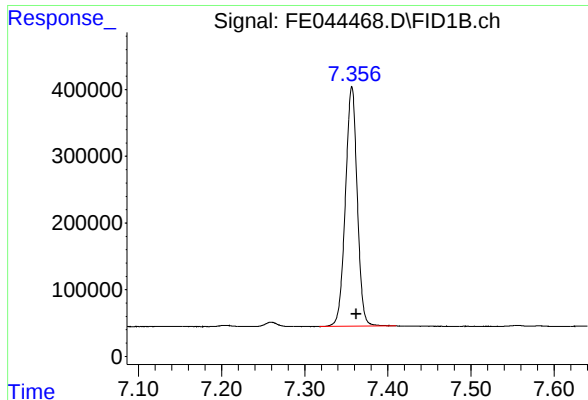
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.005 min
Response: 3711389
Conc: 20.76 ug/ml



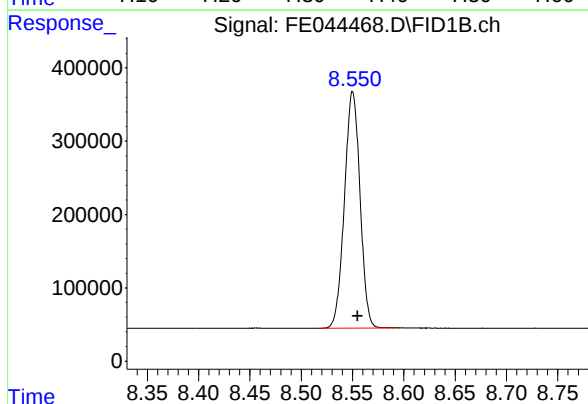
#4 n-Dodecane (C12)

R.T.: 6.725 min
Delta R.T.: -0.004 min
Response: 3462539
Conc: 20.82 ug/ml



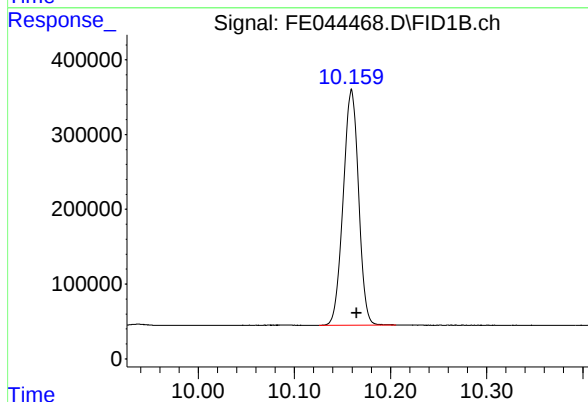
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.357 min
Delta R.T.: -0.005 min
Response: 3549601
Conc: 20.75 ug/ml



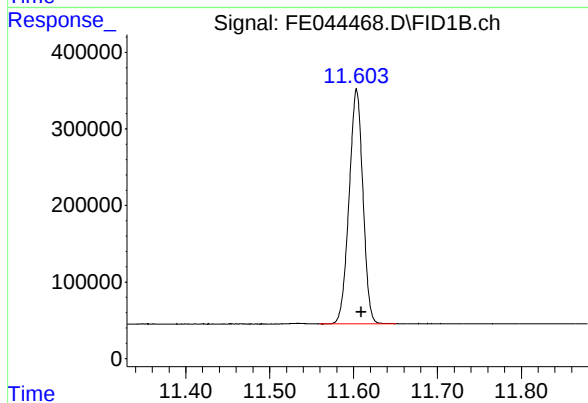
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.005 min
Response: 3407992
Conc: 20.76 ug/ml



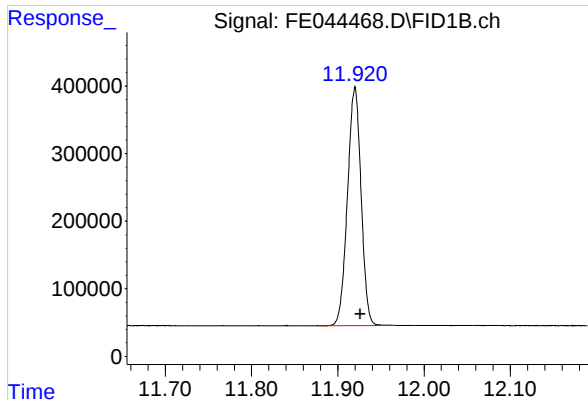
#7 n-Hexadecane (C16)

R.T.: 10.160 min
Delta R.T.: -0.005 min
Response: 3506234
Conc: 20.70 ug/ml



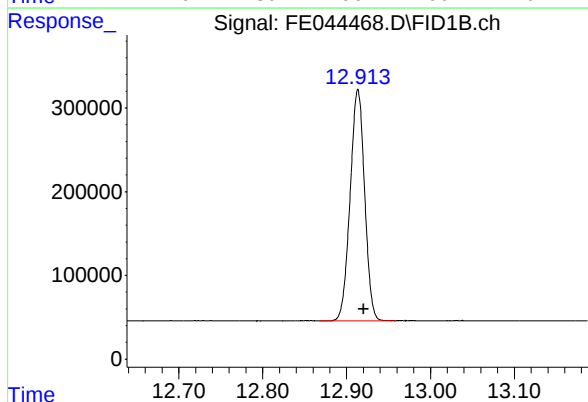
#8 n-Octadecane (C18)

R.T.: 11.604 min
Delta R.T.: -0.006 min
Response: 3507884
Conc: 20.66 ug/ml



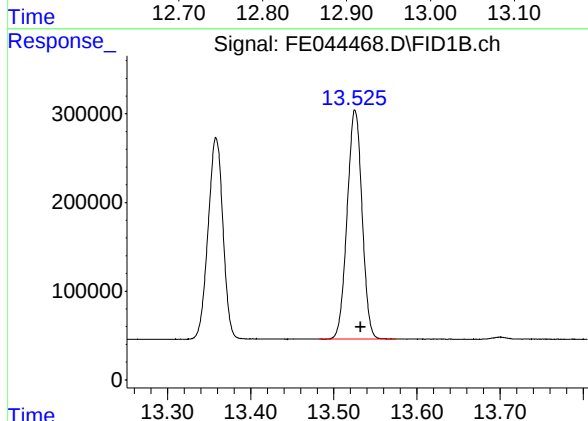
#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: -0.006 min
Response: 3861054
Conc: 20.57 ug/ml



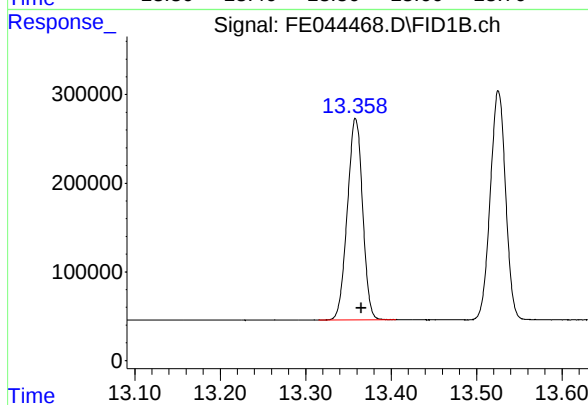
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: -0.007 min
Response: 3315568
Conc: 20.61 ug/ml



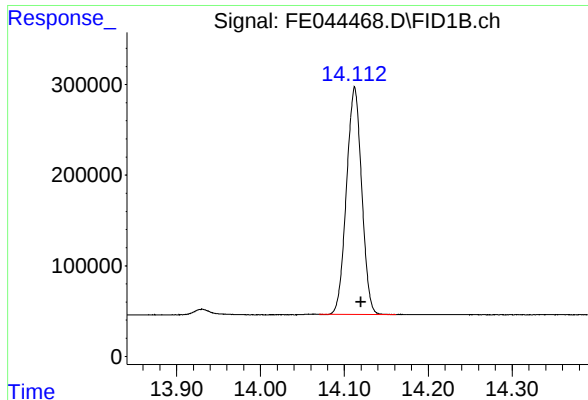
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.007 min
Response: 3219715
Conc: 20.56 ug/ml



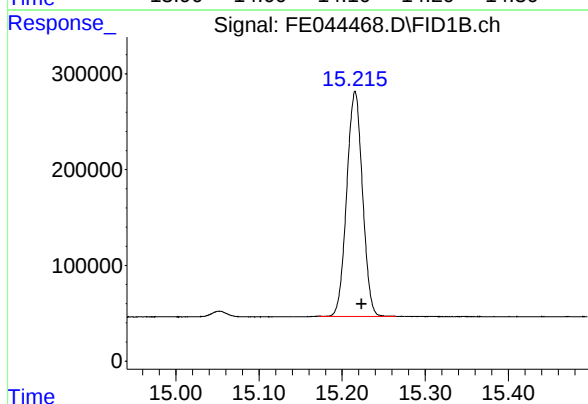
#12 1-chlorooctadecane (SURR)

R.T.: 13.358 min
Delta R.T.: -0.007 min
Response: 2815816
Conc: 20.70 ug/ml



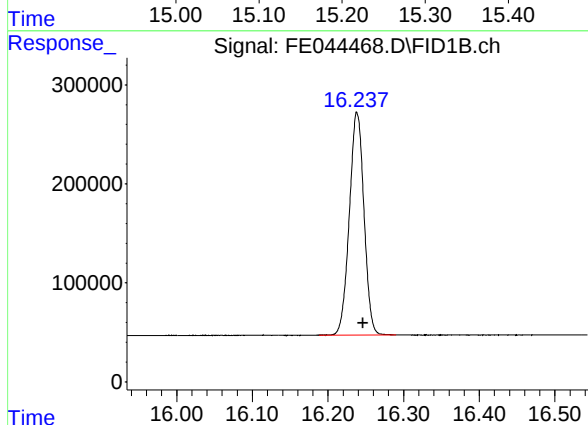
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.007 min
Response: 3167282
Conc: 20.54 ug/ml



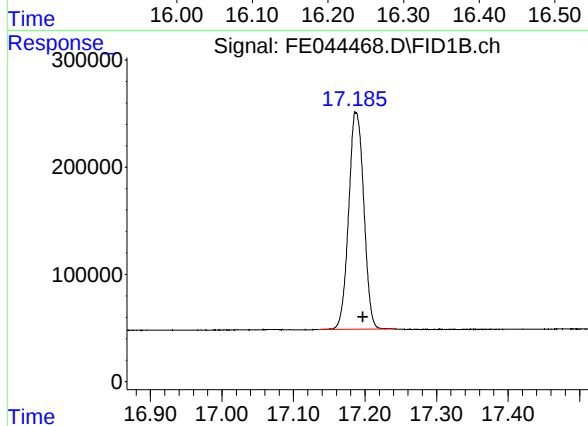
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.008 min
Response: 3096442
Conc: 20.48 ug/ml



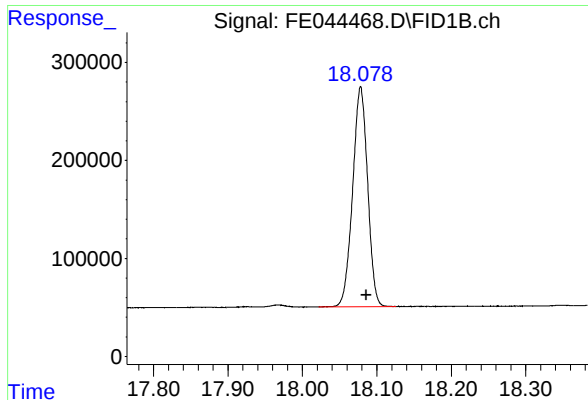
#15 n-Hexacosane (C26)

R.T.: 16.238 min
Delta R.T.: -0.008 min
Response: 3022308
Conc: 20.55 ug/ml



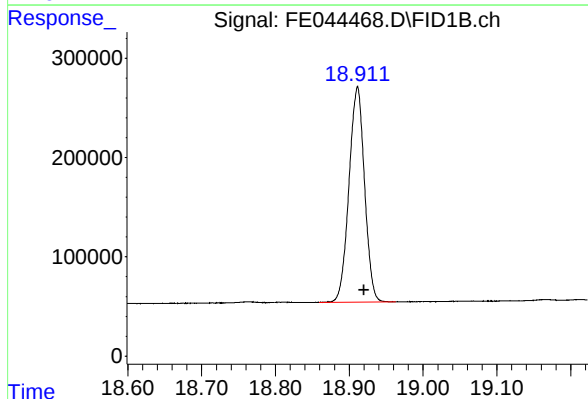
#16 n-Octacosane (C28)

R.T.: 17.187 min
Delta R.T.: -0.010 min
Response: 2976355
Conc: 20.75 ug/ml



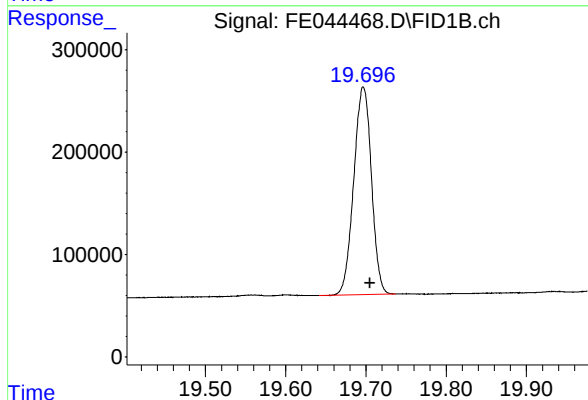
#17 n-Tricontane (C30)

R.T.: 18.078 min
Delta R.T.: -0.008 min
Response: 3133053
Conc: 21.14 ug/ml



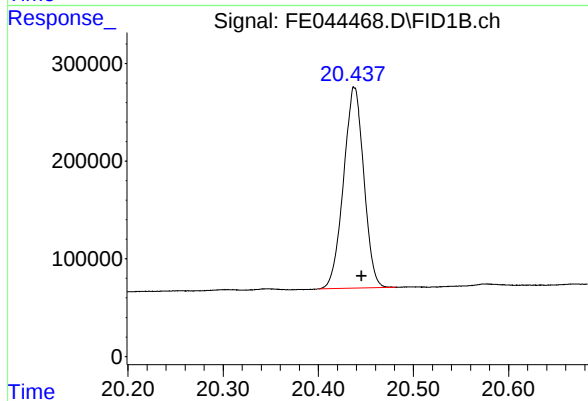
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.008 min
Response: 3170103
Conc: 21.41 ug/ml



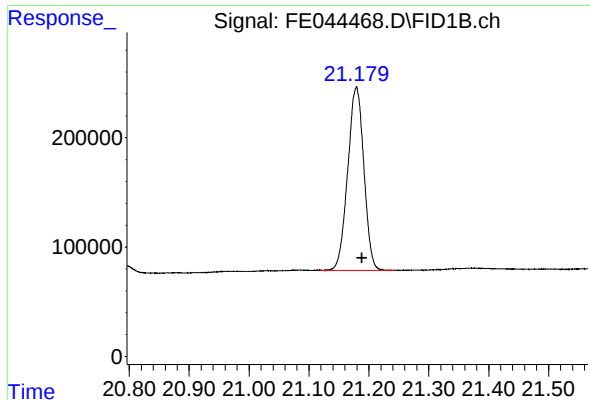
#19 n-Tetatriacontane (C34)

R.T.: 19.697 min
Delta R.T.: -0.008 min
Response: 3108435
Conc: 21.27 ug/ml



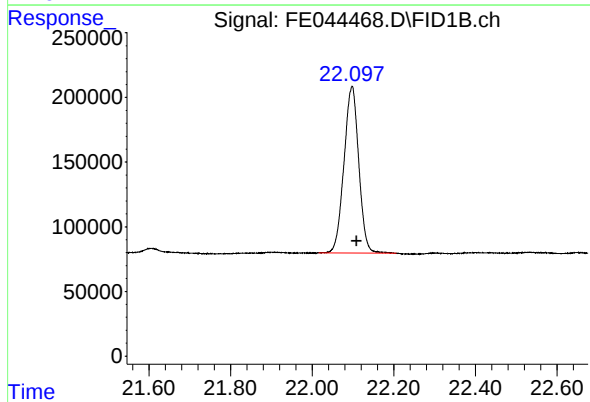
#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.008 min
Response: 3055891
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.179 min
Delta R.T.: -0.009 min
Response: 3137669
Conc: 20.95 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.011 min
Response: 3245353
Conc: 20.56 ug/ml