

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101323AL\
 Data File : FE044852.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2023 20:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 14 00:29:19 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)	11.906	3551851	17.718 ug/ml
Spiked Amount 50.000		Recovery =	35.44%
12) S 1-chlorooctadecane (S...	13.348	2604622	17.600 ug/ml
Spiked Amount 50.000		Recovery =	35.20%
Target Compounds			
1) T n-Nonane (C9)	3.289	2982037	17.776 ug/ml
2) T n-Decane (C10)	4.541	3030246	17.788 ug/ml
3) T A~Naphthalene (C11.7)	6.242	3308265	17.871 ug/ml
4) T n-Dodecane (C12)	6.707	3062997	17.744 ug/ml
5) T A~2-methylnaphthalene...	7.338	3211125	17.801 ug/ml
6) T n-Tetradecane (C14)	8.534	3041623	17.738 ug/ml
7) T n-Hexadecane (C16)	10.144	3081633	17.623 ug/ml
8) T n-Octadecane (C18)	11.591	3069993	17.602 ug/ml
10) T n-Eicosane (C20)	12.903	2941529	17.611 ug/ml
11) T n-Heneicosane (C21)	13.516	2864260	17.571 ug/ml
13) T n-Docosane (C22)	14.103	2833424	17.714 ug/ml
14) T n-Tetracosane (C24)	15.207	2795815	18.015 ug/ml
15) T n-Hexacosane (C26)	16.229	2715615	18.088 ug/ml
16) T n-Octacosane (C28)	17.181	2694250	18.348 ug/ml
17) T n-Tricontane (C30)	18.070	2761535	18.568 ug/ml
18) T n-Dotriacontane (C32)	18.904	2894580	19.285 ug/ml
19) T n-Tetratriacontane (C34)	19.689	2778106	18.662 ug/ml
20) T n-Hexatriacontane (C36)	20.430	2726220	17.733 ug/ml
21) T n-Octatriacontane (C38)	21.171	3037143	19.443 ug/ml
22) T n-Tetracontane (C40)	22.088	3257898	19.494 ug/ml

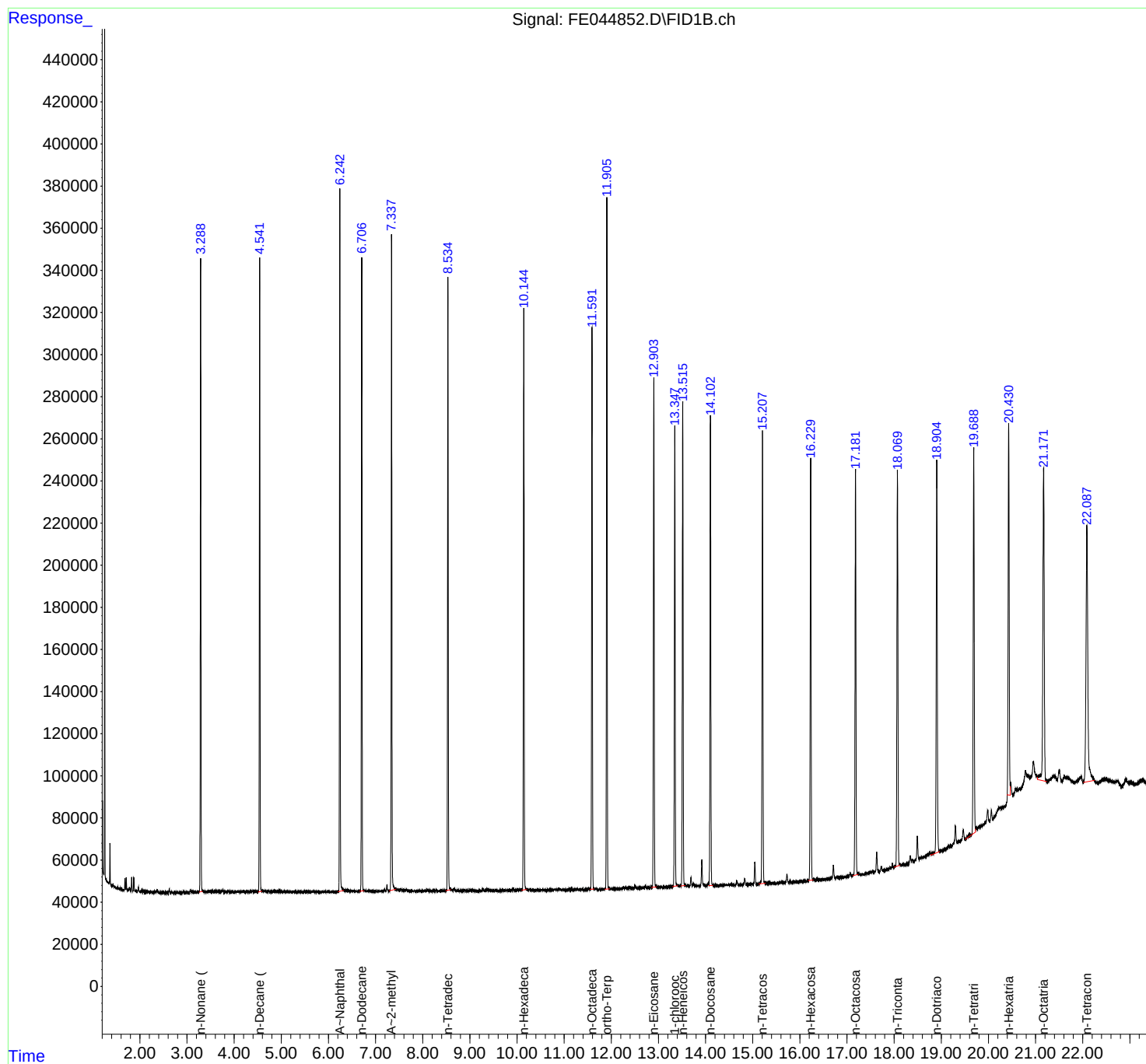
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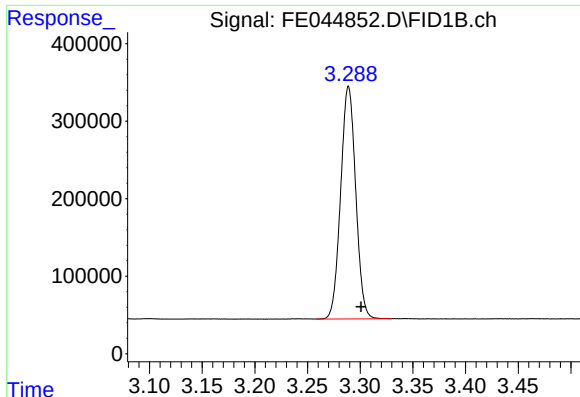
(m)=manual int.

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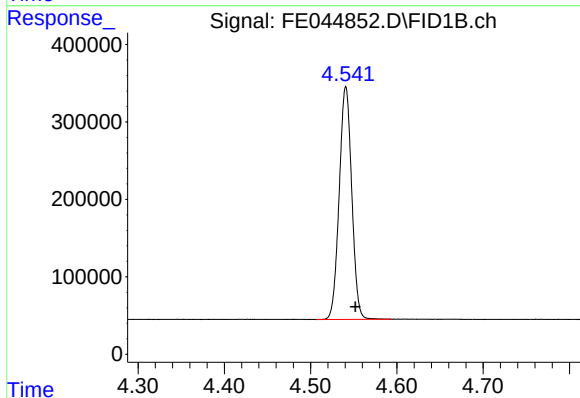
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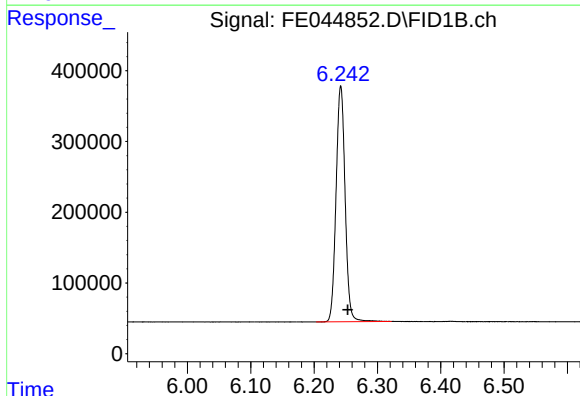
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: -0.012 min
Response: 2982037
Conc: 17.78 ug/ml



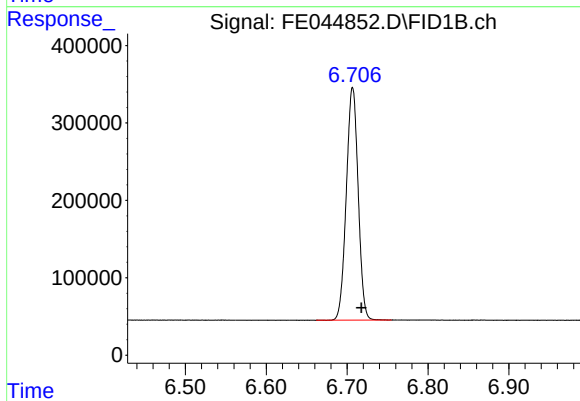
#2 n-Decane (C10)

R.T.: 4.541 min
Delta R.T.: -0.011 min
Response: 3030246
Conc: 17.79 ug/ml



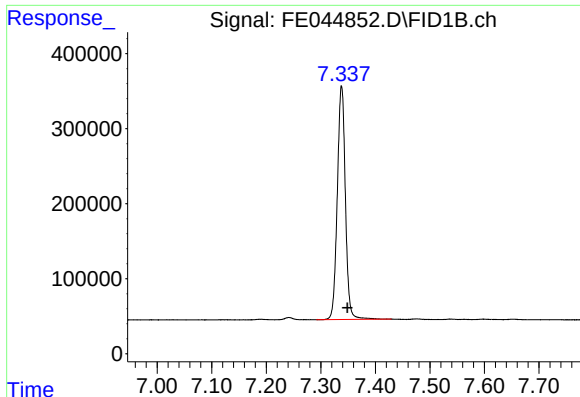
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.011 min
Response: 3308265
Conc: 17.87 ug/ml



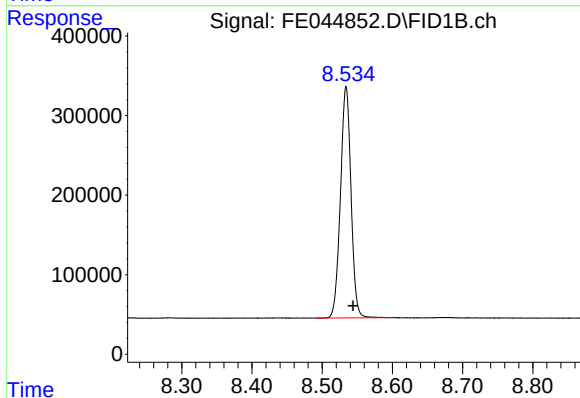
#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.011 min
Response: 3062997
Conc: 17.74 ug/ml



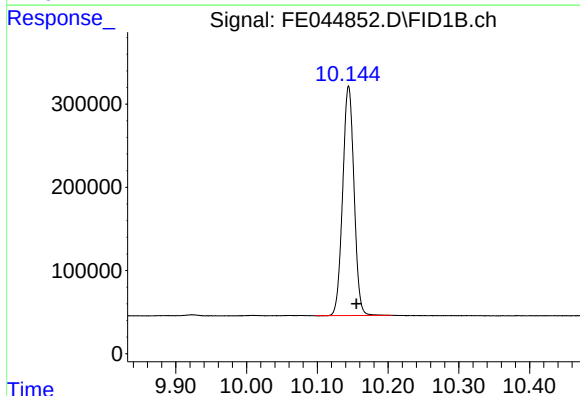
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.338 min
Delta R.T.: -0.011 min
Response: 3211125
Conc: 17.80 ug/ml



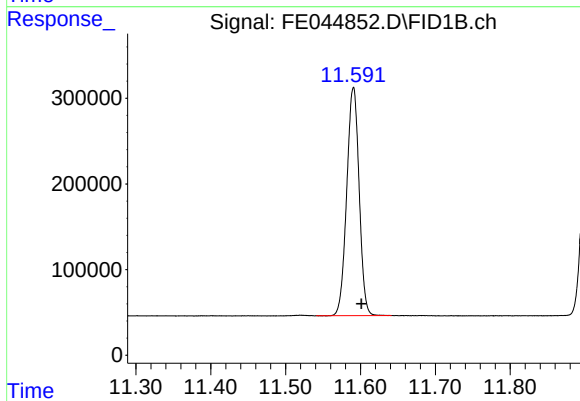
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.010 min
Response: 3041623
Conc: 17.74 ug/ml



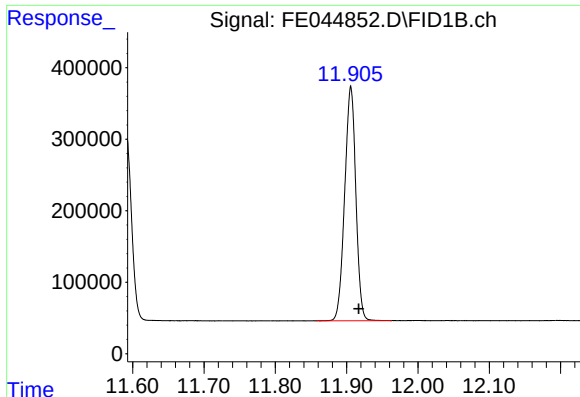
#7 n-Hexadecane (C16)

R.T.: 10.144 min
Delta R.T.: -0.011 min
Response: 3081633
Conc: 17.62 ug/ml



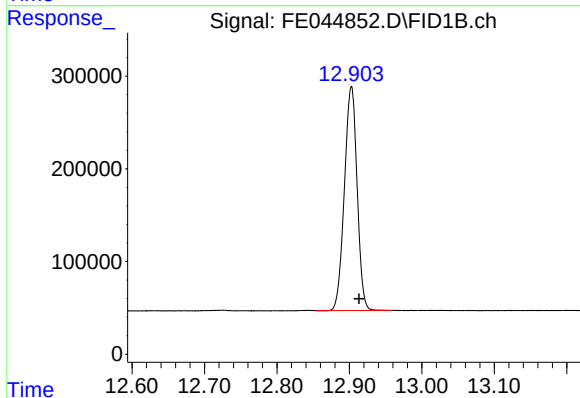
#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.011 min
Response: 3069993
Conc: 17.60 ug/ml



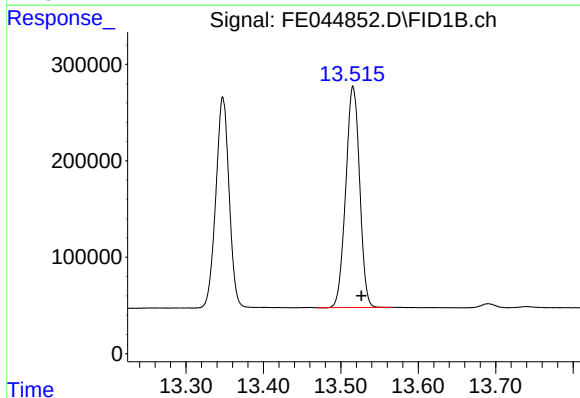
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.011 min
Response: 3551851
Conc: 17.72 ug/ml



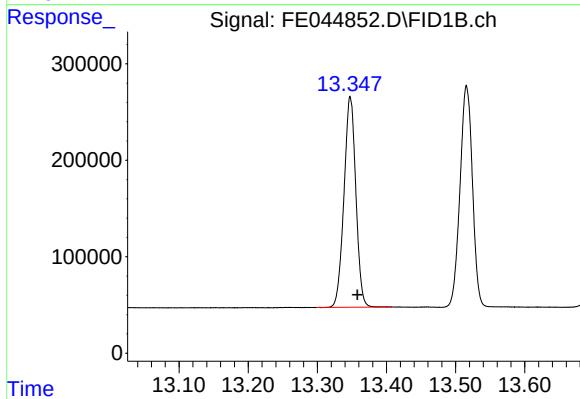
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.011 min
Response: 2941529
Conc: 17.61 ug/ml



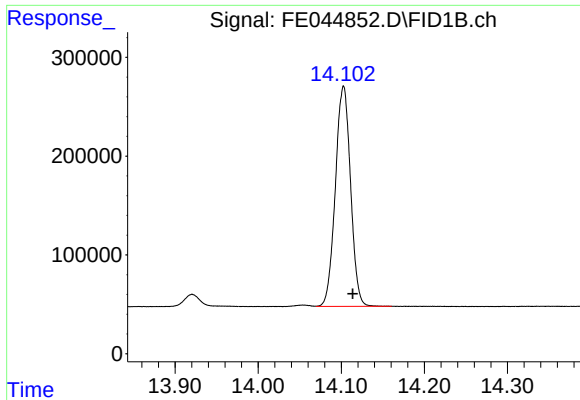
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.011 min
Response: 2864260
Conc: 17.57 ug/ml



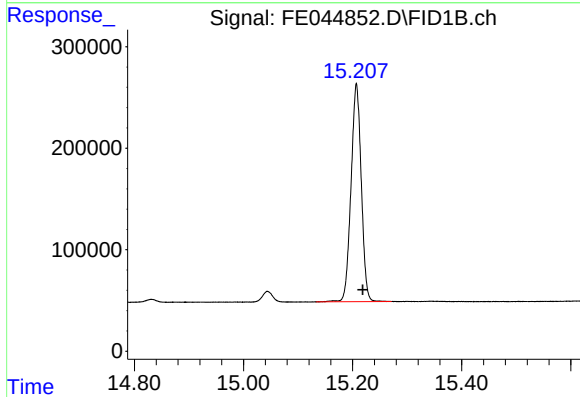
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: -0.011 min
Response: 2604622
Conc: 17.60 ug/ml



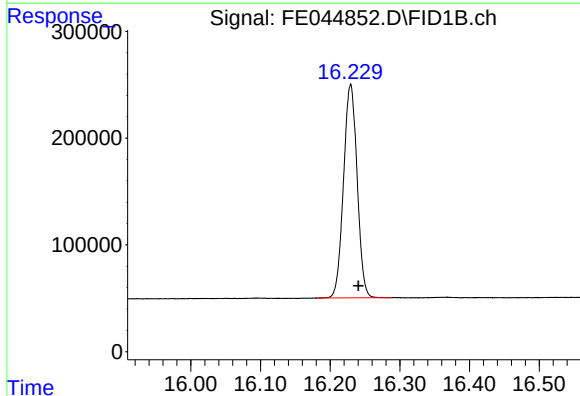
#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 2833424
Conc: 17.71 ug/ml



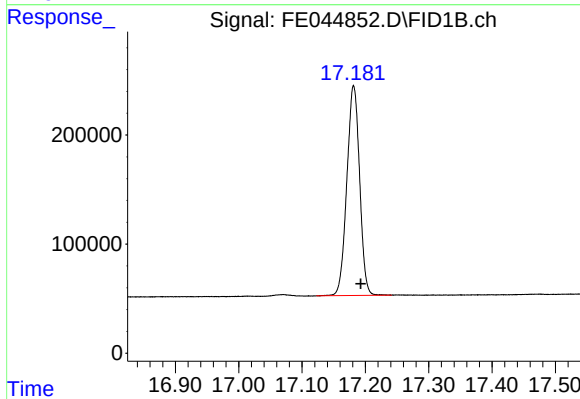
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.012 min
Response: 2795815
Conc: 18.01 ug/ml



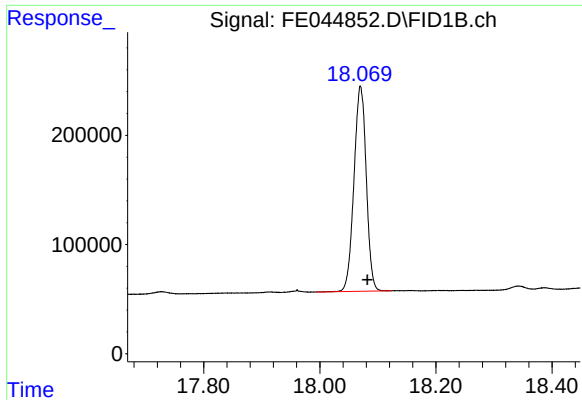
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.011 min
Response: 2715615
Conc: 18.09 ug/ml



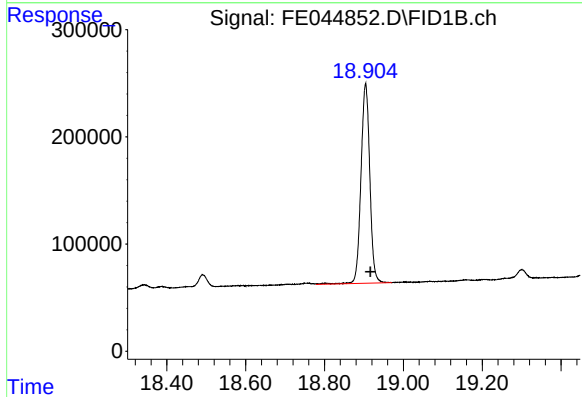
#16 n-Octacosane (C28)

R.T.: 17.181 min
Delta R.T.: -0.011 min
Response: 2694250
Conc: 18.35 ug/ml



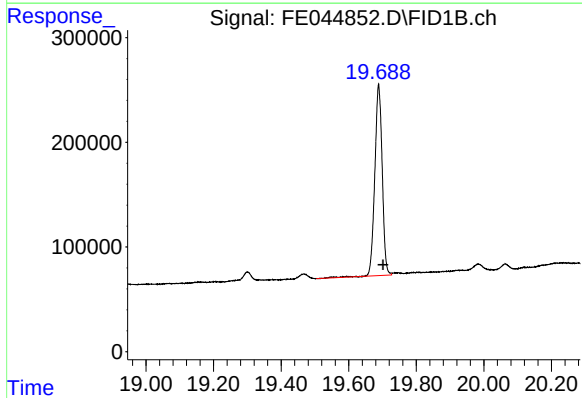
#17 n-Tricontane (C30)

R.T.: 18.070 min
Delta R.T.: -0.012 min
Response: 2761535
Conc: 18.57 ug/ml



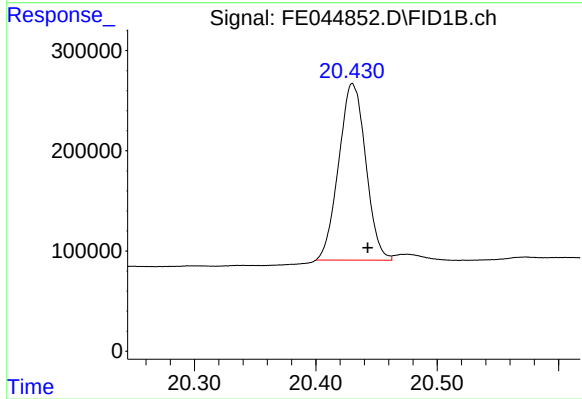
#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.012 min
Response: 2894580
Conc: 19.28 ug/ml



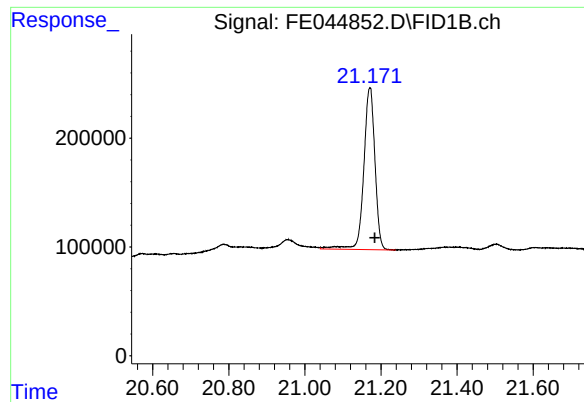
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: -0.013 min
Response: 2778106
Conc: 18.66 ug/ml



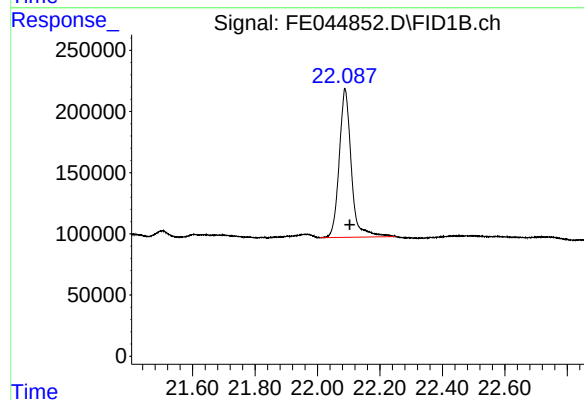
#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.013 min
Response: 2726220
Conc: 17.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.171 min
Delta R.T.: -0.013 min
Response: 3037143
Conc: 19.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.088 min
Delta R.T.: -0.015 min
Response: 3257898
Conc: 19.49 ug/ml