

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120423AL\
 Data File : FE045632.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2023 12:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 22:56:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.860	4024633	19.246 ug/ml
Spiked Amount 50.000		Recovery =	38.49%
12) S 1-chlorooctadecane (S...	13.304	2987437	18.986 ug/ml
Spiked Amount 50.000		Recovery =	37.97%
Target Compounds			
1) T n-Nonane (C9)	3.248	3050271	19.235 ug/ml
2) T n-Decane (C10)	4.499	3179843	19.857 ug/ml
3) T A~Naphthalene (C11.7)	6.199	3463129	19.881 ug/ml
4) T n-Dodecane (C12)	6.666	3234078	20.022 ug/ml
5) T A~2-methylnaphthalene...	7.294	3393665	19.984 ug/ml
6) T n-Tetradecane (C14)	8.493	3232748	20.151 ug/ml
7) T n-Hexadecane (C16)	10.102	3336954	20.151 ug/ml
8) T n-Octadecane (C18)	11.547	3394475	19.799 ug/ml
10) T n-Eicosane (C20)	12.858	3323755	19.210 ug/ml
11) T n-Heneicosane (C21)	13.472	3261246	18.957 ug/ml
13) T n-Docosane (C22)	14.059	3262448	18.921 ug/ml
14) T n-Tetracosane (C24)	15.164	3276277	18.767 ug/ml
15) T n-Hexacosane (C26)	16.186	3212076	18.444 ug/ml
16) T n-Octacosane (C28)	17.137	3164942	18.312 ug/ml
17) T n-Tricontane (C30)	18.028	3357013	19.189 ug/ml
18) T n-Dotriacontane (C32)	18.863	3462105	18.977 ug/ml
19) T n-Tetratriacontane (C34)	19.646	3087536	18.607 ug/ml
20) T n-Hexatriacontane (C36)	20.389	2883316	18.164 ug/ml
21) T n-Octatriacontane (C38)	21.123	2797948	17.842 ug/ml
22) T n-Tetracontane (C40)	22.027	2872920	20.215 ug/ml

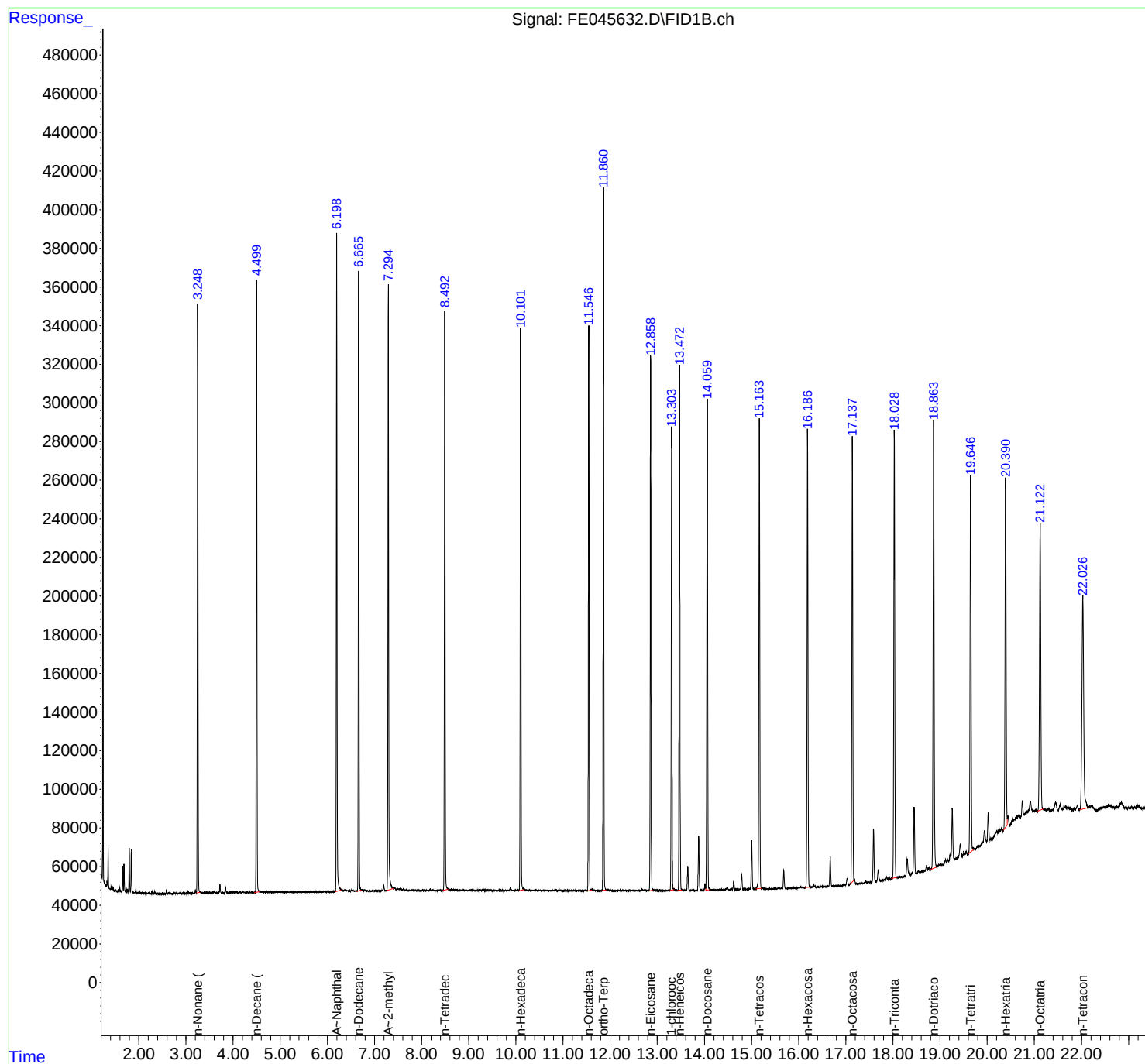
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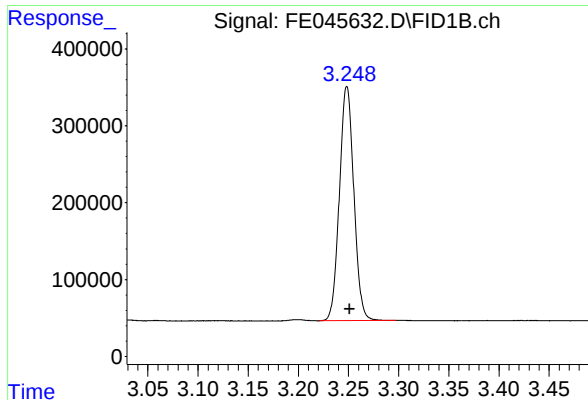
(m)=manual int.

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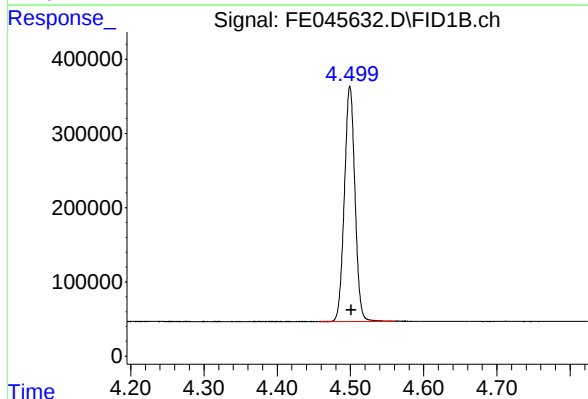
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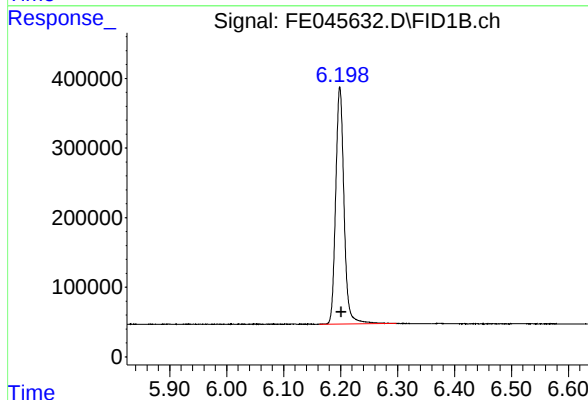
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 3050271
Conc: 19.24 ug/ml



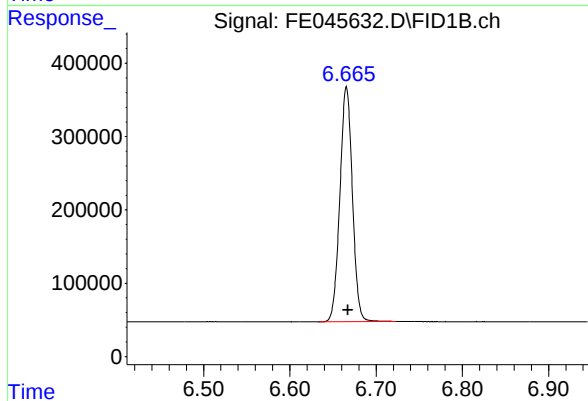
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.002 min
Response: 3179843
Conc: 19.86 ug/ml



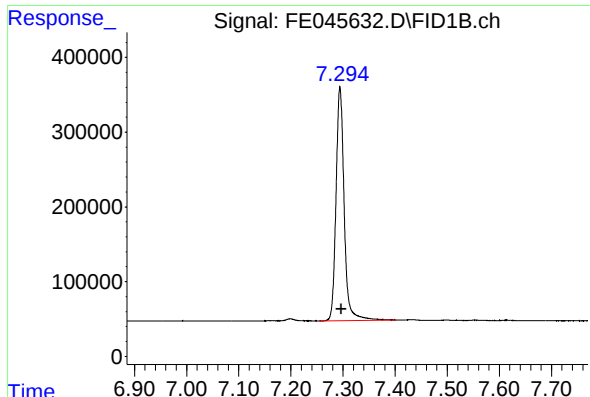
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 3463129
Conc: 19.88 ug/ml



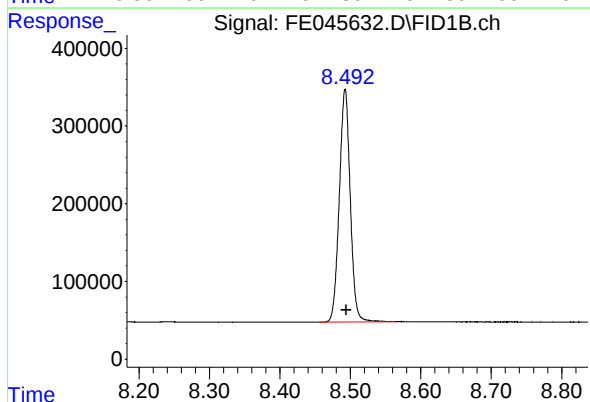
#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 3234078
Conc: 20.02 ug/ml



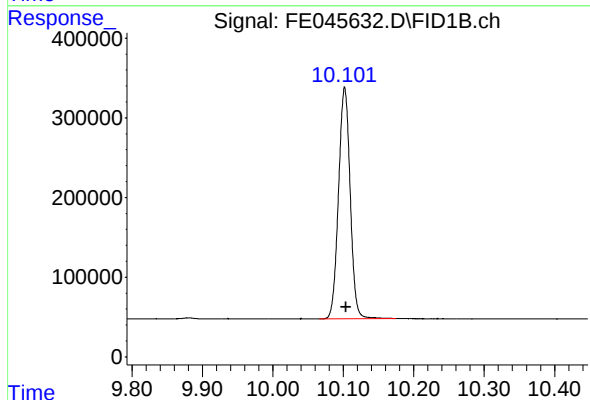
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: -0.003 min
Response: 3393665
Conc: 19.98 ug/ml



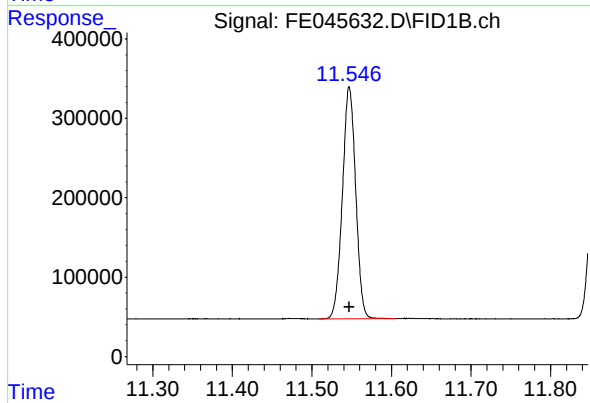
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.002 min
Response: 3232748
Conc: 20.15 ug/ml



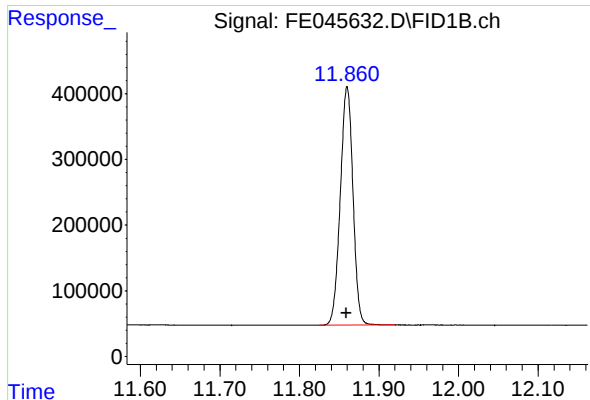
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: -0.002 min
Response: 3336954
Conc: 20.15 ug/ml



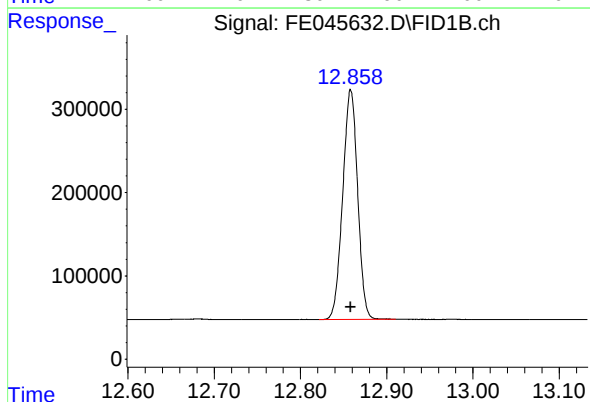
#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 3394475
Conc: 19.80 ug/ml



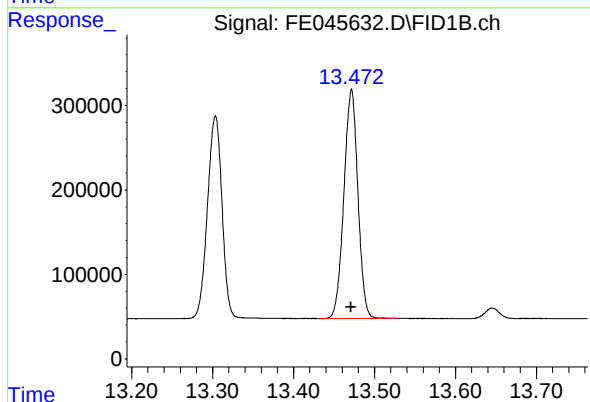
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: 0.000 min
Response: 4024633
Conc: 19.25 ug/ml



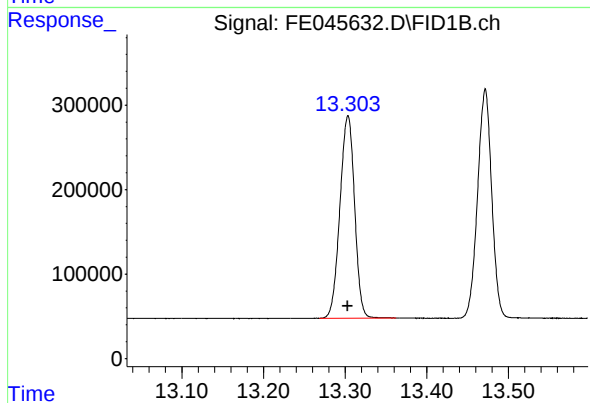
#10 n-Eicosane (C20)

R.T.: 12.858 min
Delta R.T.: 0.000 min
Response: 3323755
Conc: 19.21 ug/ml



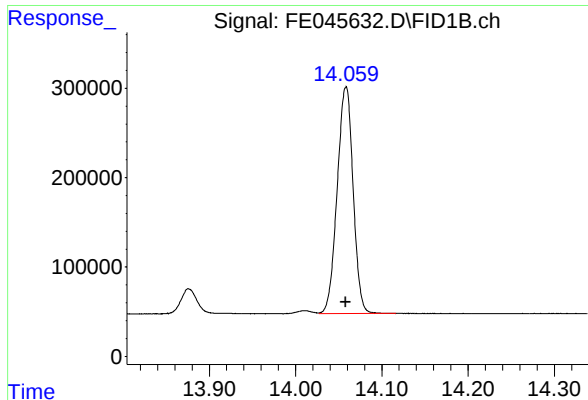
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 3261246
Conc: 18.96 ug/ml



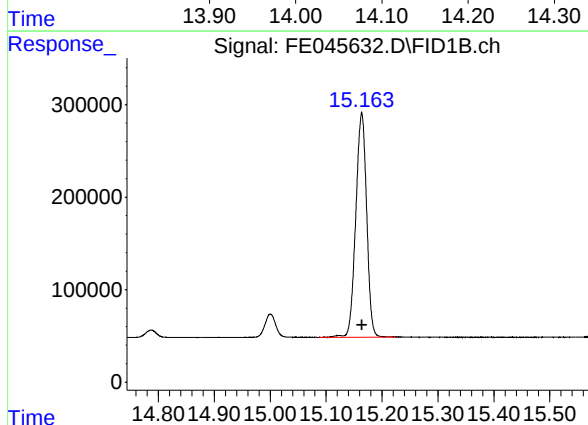
#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: 0.000 min
Response: 2987437
Conc: 18.99 ug/ml



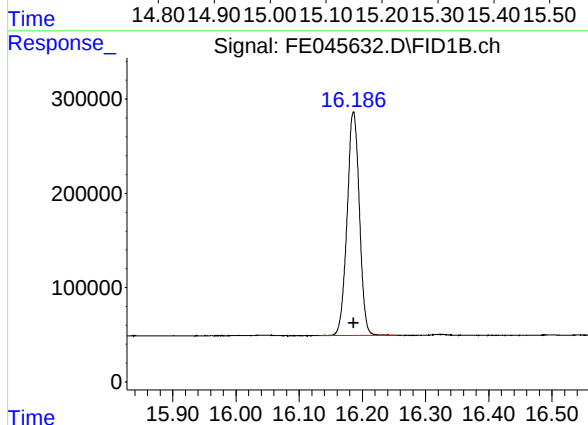
#13 n-Docosane (C22)

R.T.: 14.059 min
Delta R.T.: 0.000 min
Response: 3262448
Conc: 18.92 ug/ml



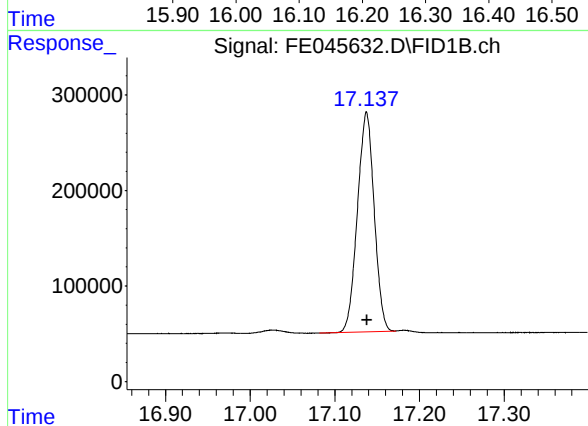
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: 0.000 min
Response: 3276277
Conc: 18.77 ug/ml



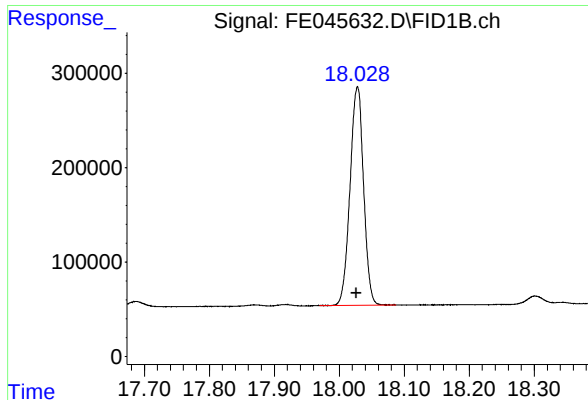
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 3212076
Conc: 18.44 ug/ml



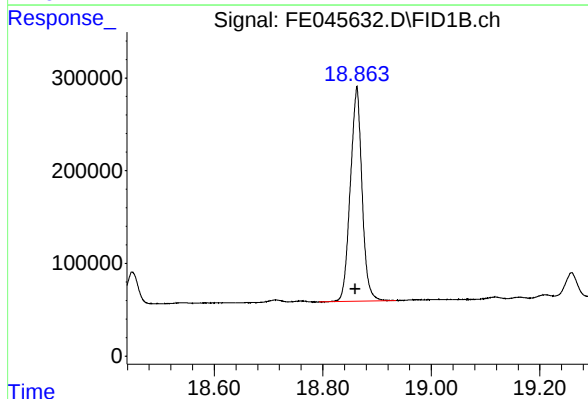
#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: 0.000 min
Response: 3164942
Conc: 18.31 ug/ml



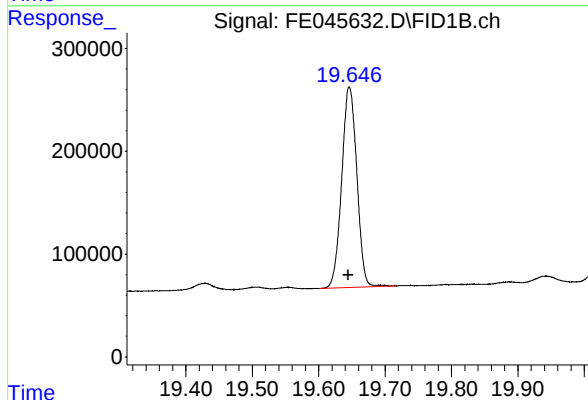
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.002 min
Response: 3357013
Conc: 19.19 ug/ml



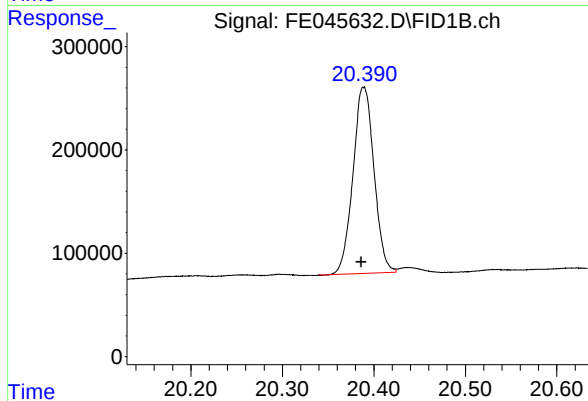
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 3462105
Conc: 18.98 ug/ml



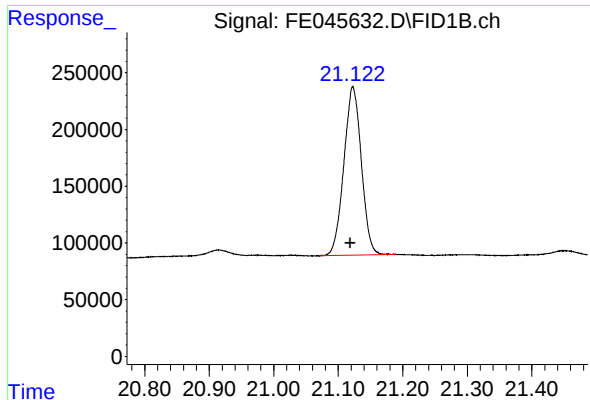
#19 n-Tetatriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.001 min
Response: 3087536
Conc: 18.61 ug/ml



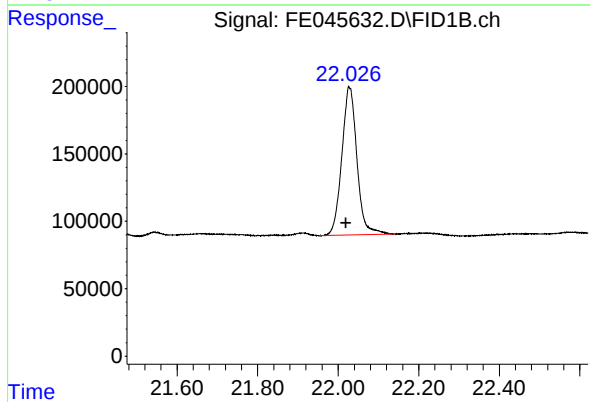
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.003 min
Response: 2883316
Conc: 18.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.004 min
Response: 2797948
Conc: 17.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.008 min
Response: 2872920
Conc: 20.22 ug/ml