

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021924AL\
 Data File : FE046846.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2024 08:36
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 00:18:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.798	3489974	18.874 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.239	2634025	18.514 ug/ml
Spiked Amount 50.000		Recovery =	37.03%
Target Compounds			
1) T n-Nonane (C9)	3.185	3048883	18.875 ug/ml
2) T n-Decane (C10)	4.436	3292184	20.088 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3339882	19.532 ug/ml
4) T n-Dodecane (C12)	6.605	3313929	20.034 ug/ml
5) T A~2-methylnaphthalene...	7.239	3107652	19.485 ug/ml
6) T n-Tetradecane (C14)	8.431	3308066	20.184 ug/ml
7) T n-Hexadecane (C16)	10.041	3399927	19.897 ug/ml
8) T n-Octadecane (C18)	11.485	3429557	19.672 ug/ml
10) T n-Eicosane (C20)	12.794	3263777	19.223 ug/ml
11) T n-Heneicosane (C21)	13.406	3156939	18.928 ug/ml
13) T n-Docosane (C22)	13.992	3204878	19.345 ug/ml
14) T n-Tetracosane (C24)	15.095	3321649	20.131 ug/ml
15) T n-Hexacosane (C26)	16.117	3307787	20.494 ug/ml
16) T n-Octacosane (C28)	17.068	3358735	21.396 ug/ml
17) T n-Tricontane (C30)	17.957	3532175	22.551 ug/ml
18) T n-Dotriacontane (C32)	18.791	3219436	21.298 ug/ml
19) T n-Tetratriacontane (C34)	19.575	3105090	21.892 ug/ml
20) T n-Hexatriacontane (C36)	20.371	52151	0.378 ug/ml
21) T n-Octatriacontane (C38)	21.041	2683452	20.933 ug/ml
22) T n-Tetracontane (C40)	21.915	2558625	20.463 ug/ml

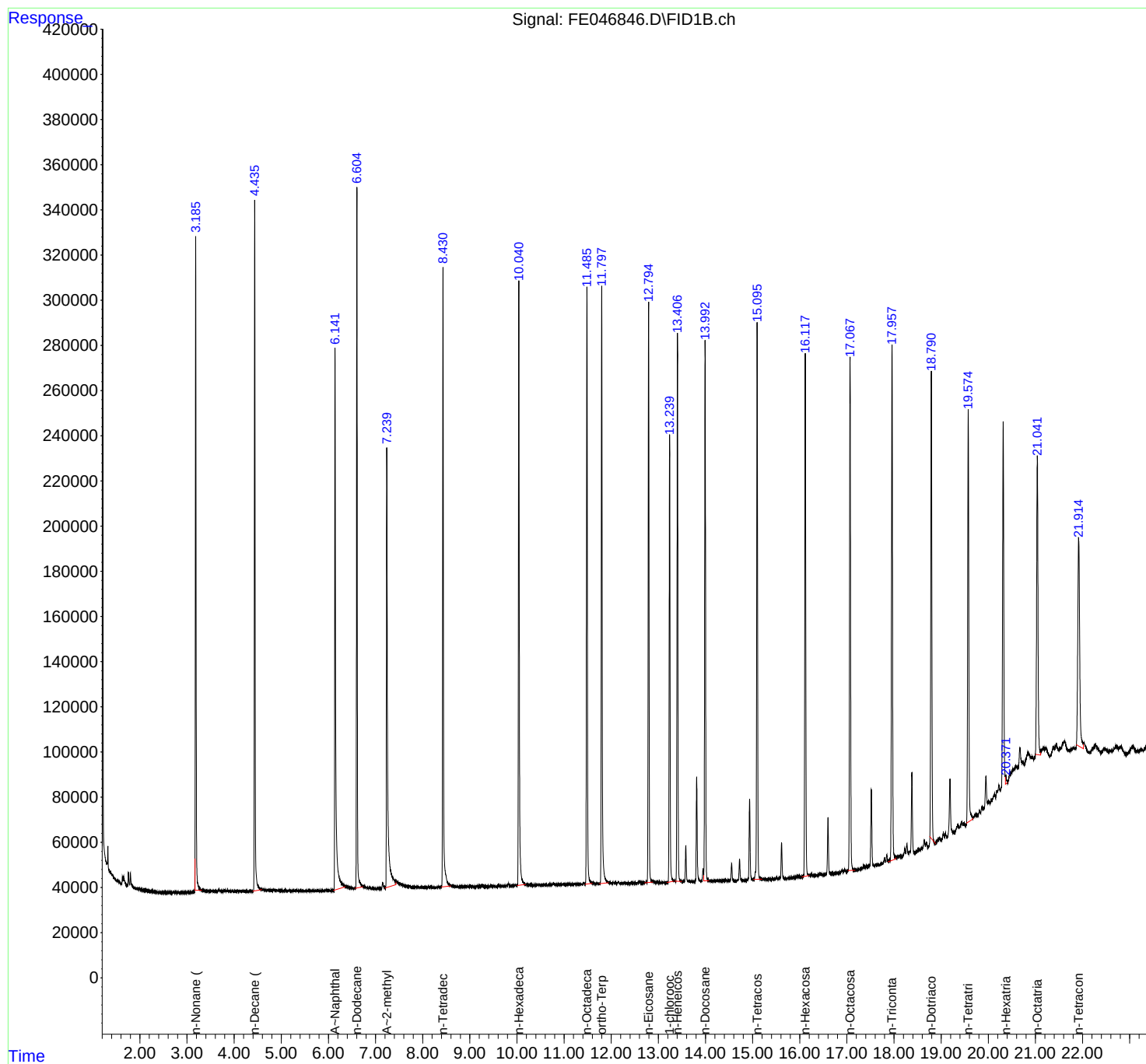
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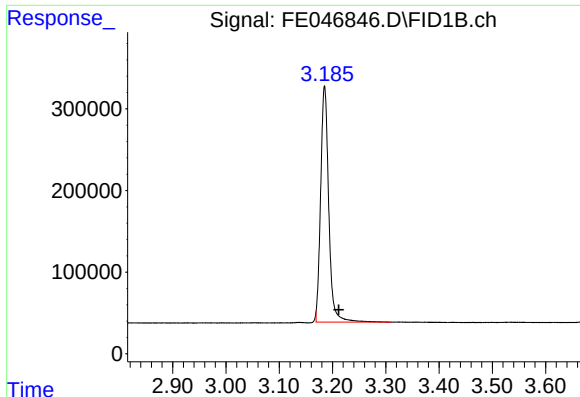
(m)=manual int.

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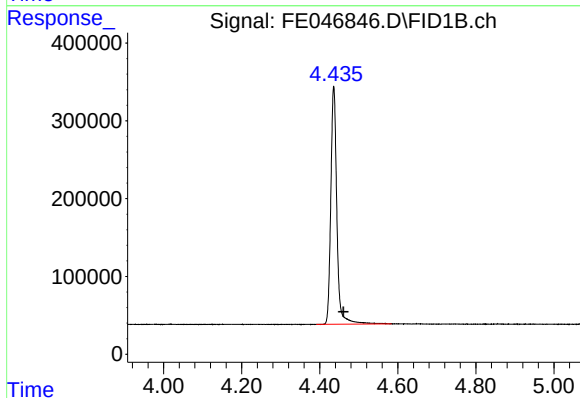
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





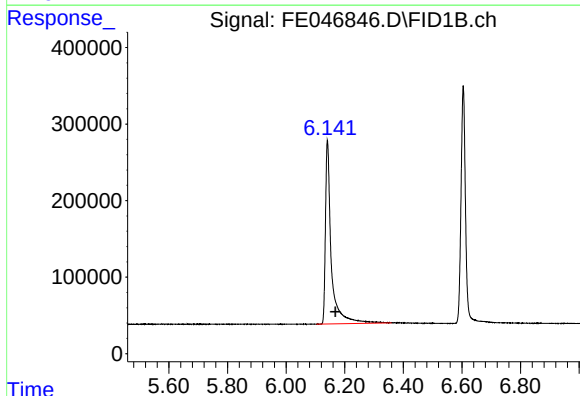
#1 n-Nonane (C9)

R.T.: 3.185 min
Delta R.T.: -0.027 min
Response: 3048883
Conc: 18.88 ug/ml



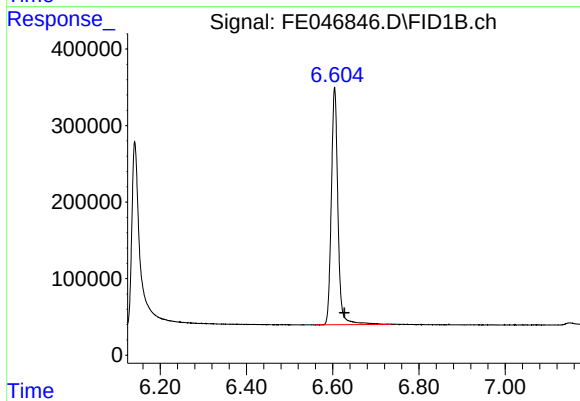
#2 n-Decane (C10)

R.T.: 4.436 min
Delta R.T.: -0.025 min
Response: 3292184
Conc: 20.09 ug/ml



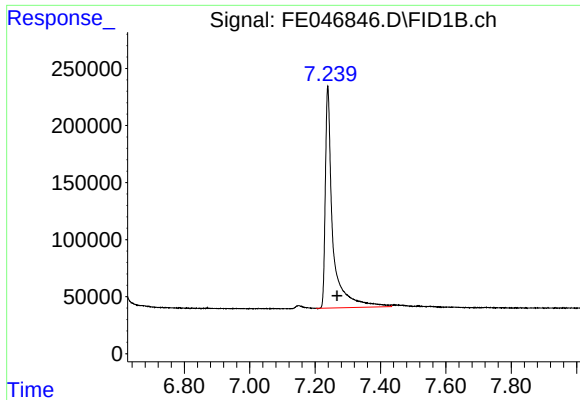
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.028 min
Response: 3339882
Conc: 19.53 ug/ml



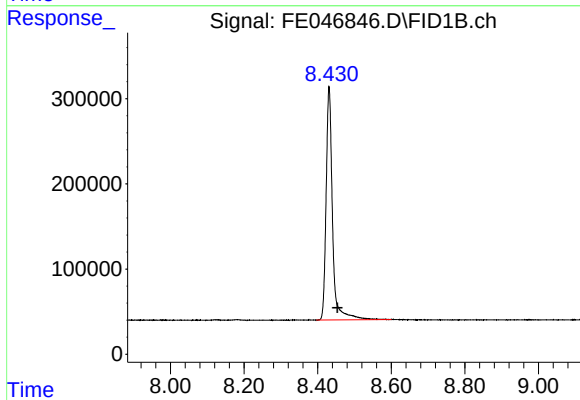
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.022 min
Response: 3313929
Conc: 20.03 ug/ml



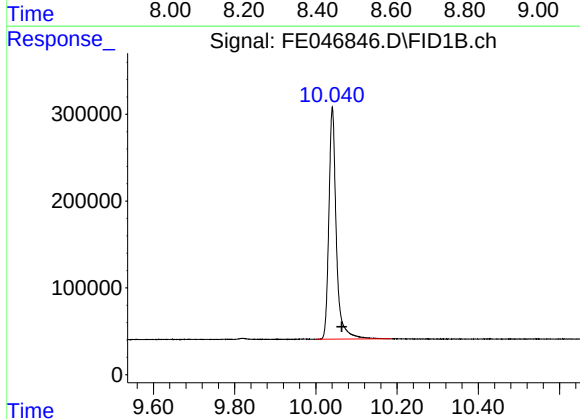
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.028 min
Response: 3107652
Conc: 19.48 ug/ml



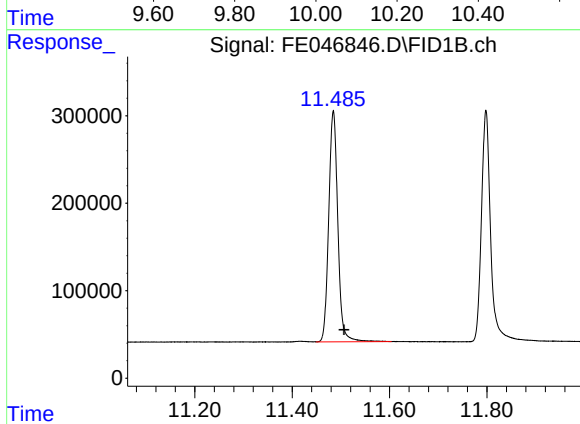
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: -0.023 min
Response: 3308066
Conc: 20.18 ug/ml



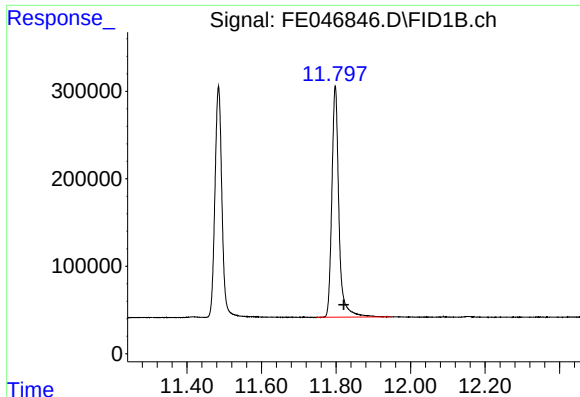
#7 n-Hexadecane (C16)

R.T.: 10.041 min
Delta R.T.: -0.023 min
Response: 3399927
Conc: 19.90 ug/ml



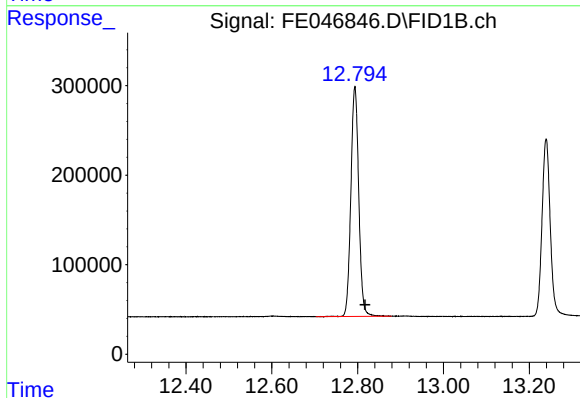
#8 n-Octadecane (C18)

R.T.: 11.485 min
Delta R.T.: -0.022 min
Response: 3429557
Conc: 19.67 ug/ml



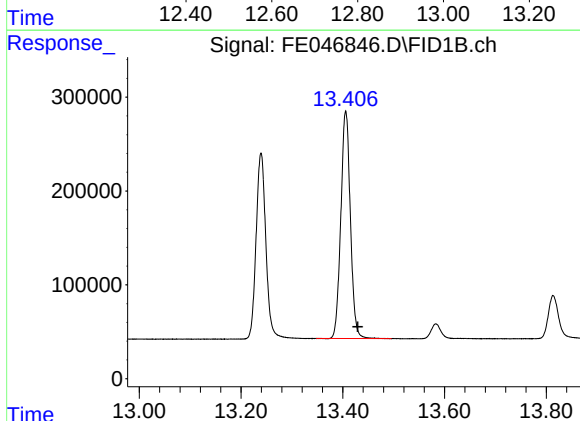
#9 ortho-Terphenyl (SURR)

R.T.: 11.798 min
Delta R.T.: -0.022 min
Response: 3489974
Conc: 18.87 ug/ml



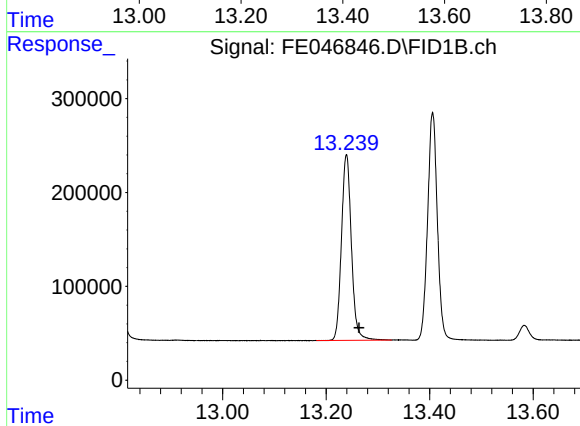
#10 n-Eicosane (C20)

R.T.: 12.794 min
Delta R.T.: -0.023 min
Response: 3263777
Conc: 19.22 ug/ml



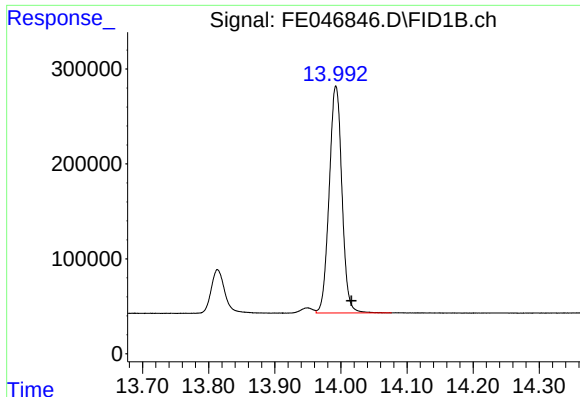
#11 n-Heneicosane (C21)

R.T.: 13.406 min
Delta R.T.: -0.024 min
Response: 3156939
Conc: 18.93 ug/ml



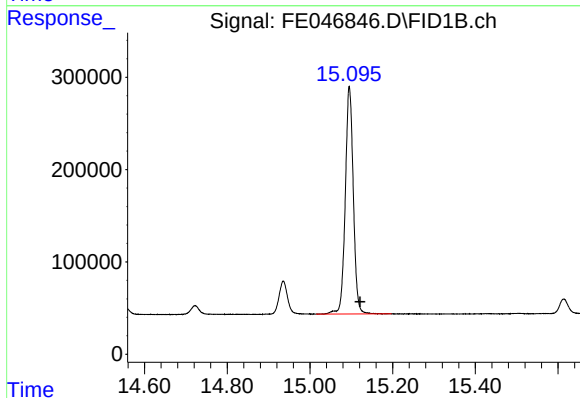
#12 1-chlorooctadecane (SURR)

R.T.: 13.239 min
Delta R.T.: -0.024 min
Response: 2634025
Conc: 18.51 ug/ml



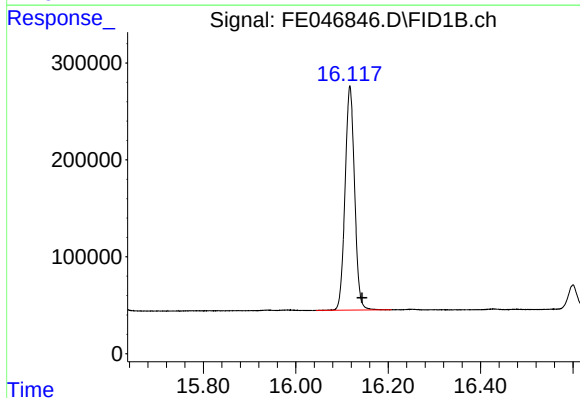
#13 n-Docosane (C22)

R.T.: 13.992 min
Delta R.T.: -0.024 min
Response: 3204878
Conc: 19.35 ug/ml



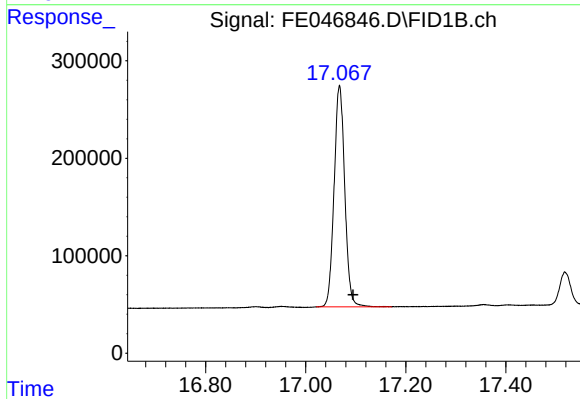
#14 n-Tetracosane (C24)

R.T.: 15.095 min
Delta R.T.: -0.026 min
Response: 3321649
Conc: 20.13 ug/ml



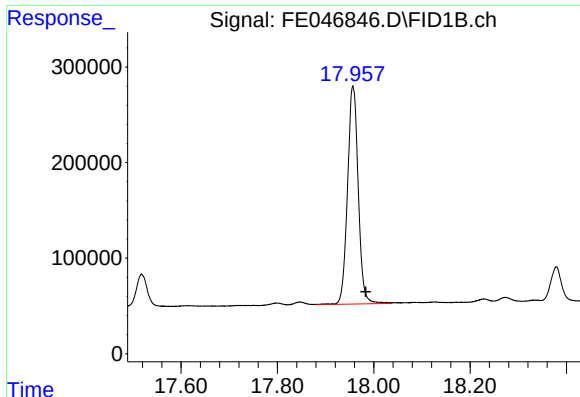
#15 n-Hexacosane (C26)

R.T.: 16.117 min
Delta R.T.: -0.027 min
Response: 3307787
Conc: 20.49 ug/ml



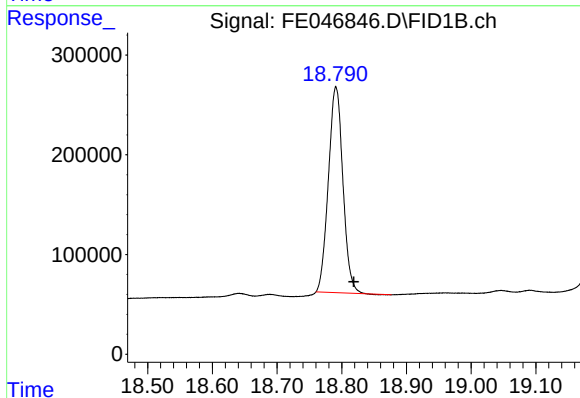
#16 n-Octacosane (C28)

R.T.: 17.068 min
Delta R.T.: -0.027 min
Response: 3358735
Conc: 21.40 ug/ml



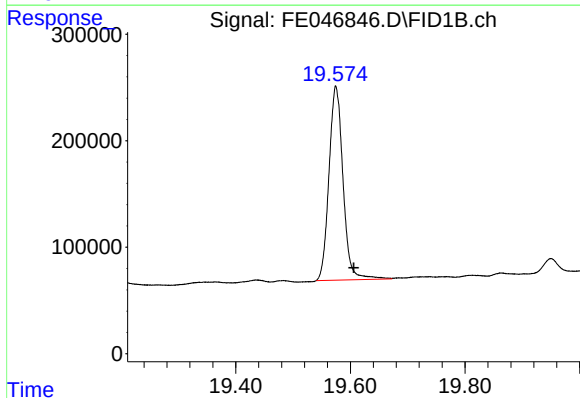
#17 n-Tricontane (C30)

R.T.: 17.957 min
Delta R.T.: -0.027 min
Response: 3532175
Conc: 22.55 ug/ml



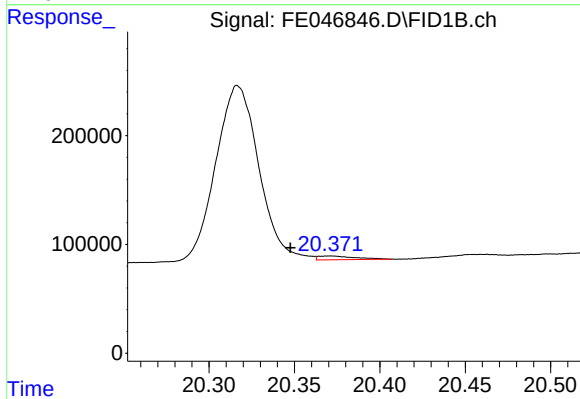
#18 n-Dotriacontane (C32)

R.T.: 18.791 min
Delta R.T.: -0.028 min
Response: 3219436
Conc: 21.30 ug/ml



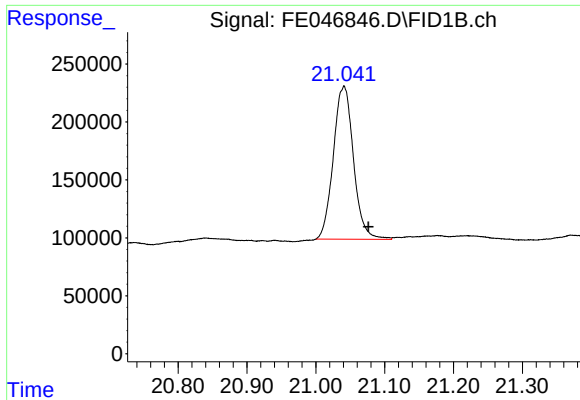
#19 n-Tetratriacontane (C34)

R.T.: 19.575 min
Delta R.T.: -0.031 min
Response: 3105090
Conc: 21.89 ug/ml



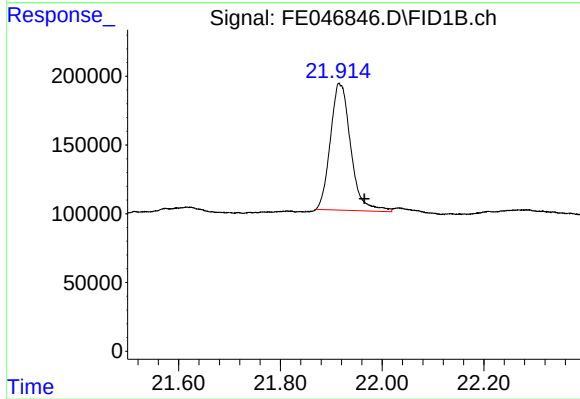
#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: 0.023 min
Response: 52151
Conc: 0.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.041 min
Delta R.T.: -0.035 min
Response: 2683452
Conc: 20.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.050 min
Response: 2558625
Conc: 20.46 ug/ml