

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021624AL\
 Data File : FE046843.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2024 22:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:36:33 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)	11.796	3707578	20.051 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
12) S 1-chlorooctadecane (S...	13.237	2827134	19.871 ug/ml
Spiked Amount 50.000		Recovery =	39.74%
Target Compounds			
1) T n-Nonane (C9)	3.187	3471019	21.489 ug/mlm
2) T n-Decane (C10)	4.438	3610132	22.028 ug/ml
3) T A~Naphthalene (C11.7)	6.142	3676579	21.501 ug/ml
4) T n-Dodecane (C12)	6.606	3633785	21.968 ug/ml
5) T A~2-methylnaphthalene...	7.239	3331322	20.887 ug/ml
6) T n-Tetradecane (C14)	8.432	3573007	21.800 ug/ml
7) T n-Hexadecane (C16)	10.040	3641865	21.312 ug/ml
8) T n-Octadecane (C18)	11.482	3639510	20.876 ug/ml
10) T n-Eicosane (C20)	12.792	3446571	20.299 ug/ml
11) T n-Heneicosane (C21)	13.404	3347732	20.072 ug/ml
13) T n-Docosane (C22)	13.989	3341684	20.171 ug/ml
14) T n-Tetracosane (C24)	15.094	3371051	20.430 ug/ml
15) T n-Hexacosane (C26)	16.115	3340283	20.695 ug/ml
16) T n-Octacosane (C28)	17.066	3338782	21.269 ug/ml
17) T n-Tricontane (C30)	17.954	3518350	22.462 ug/ml
18) T n-Dotriacontane (C32)	18.788	3487503	23.072 ug/mlm
19) T n-Tetratriacontane (C34)	19.573	3279039	23.119 ug/mlm
20) T n-Hexatriacontane (C36)	20.313	3116679	22.611 ug/mlm
21) T n-Octatriacontane (C38)	21.035	3054544	23.827 ug/mlm
22) T n-Tetracontane (C40)	21.911	2966441	23.725 ug/mlm

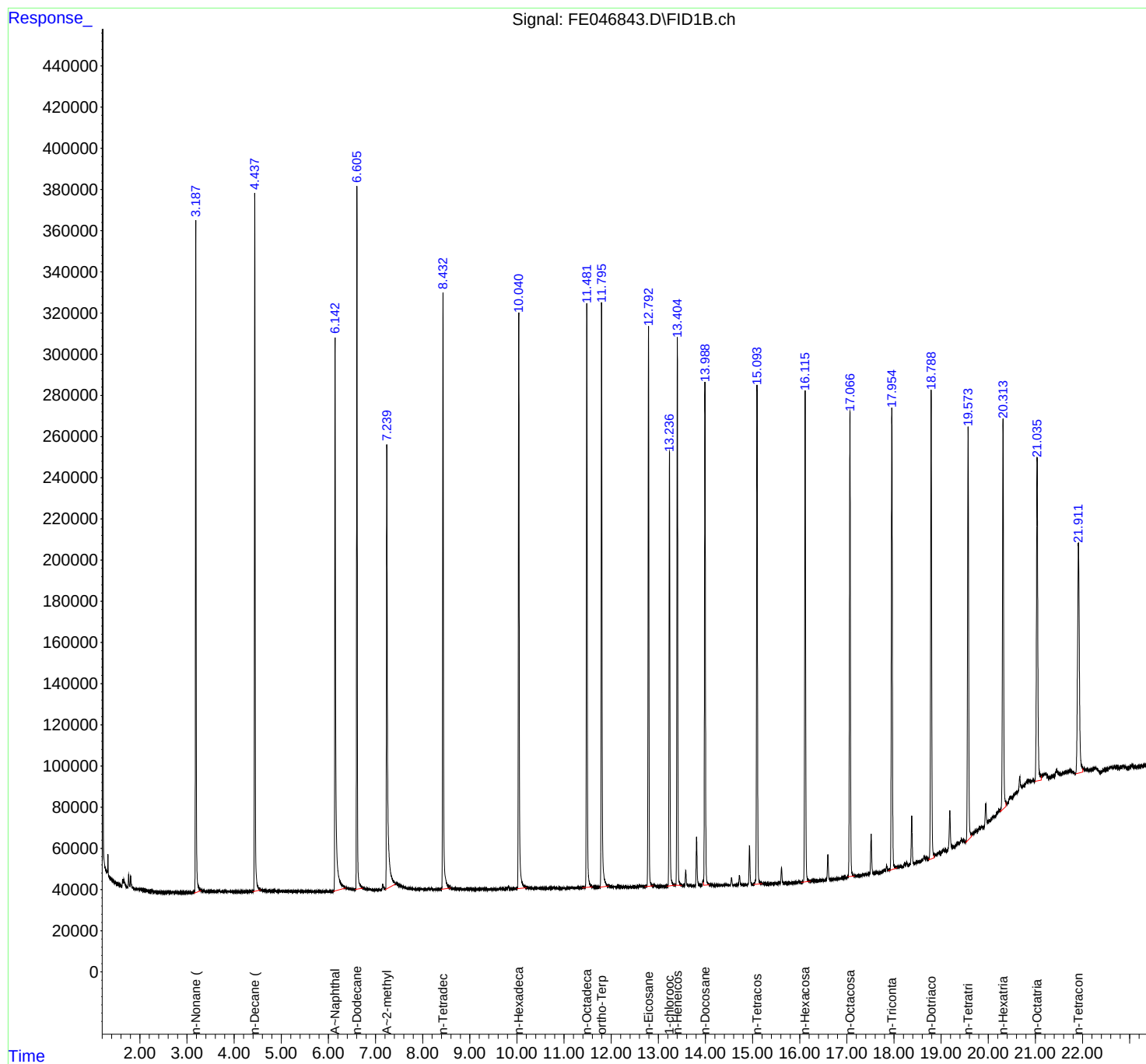
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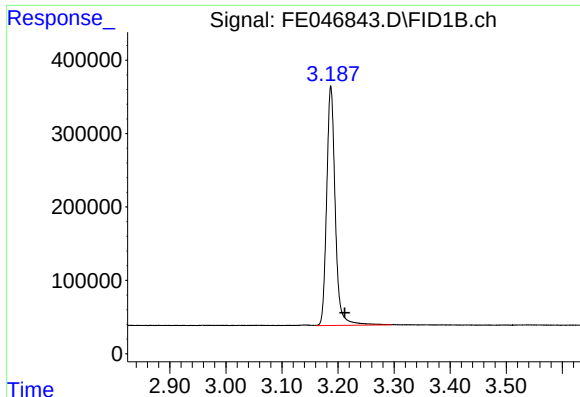
(m)=manual int.

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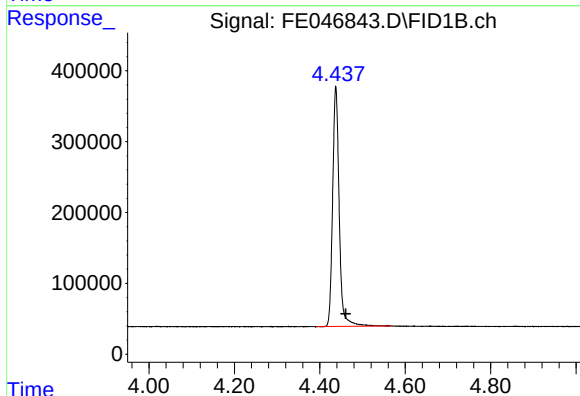
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Signal Info : 20M x 0.18mm x 0.18um





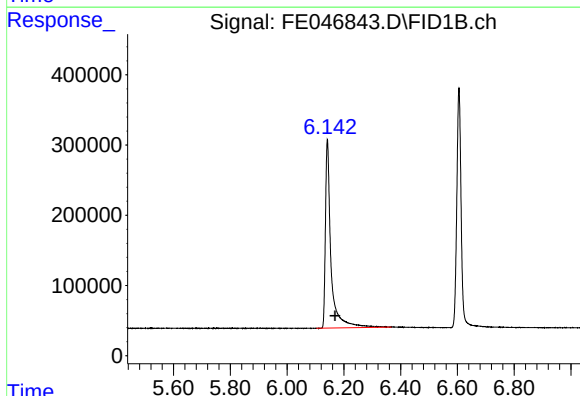
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: -0.025 min
Response: 3471019
Conc: 21.49 ug/ml m



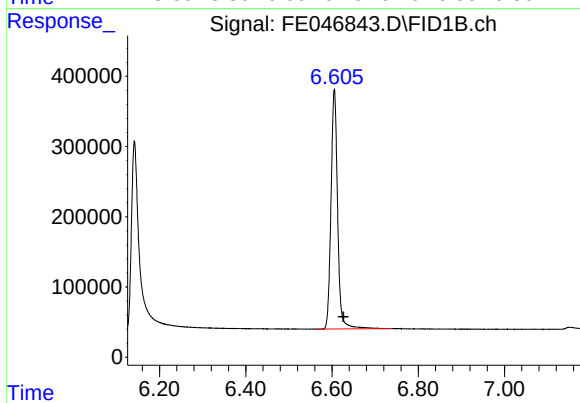
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.023 min
Response: 3610132
Conc: 22.03 ug/ml



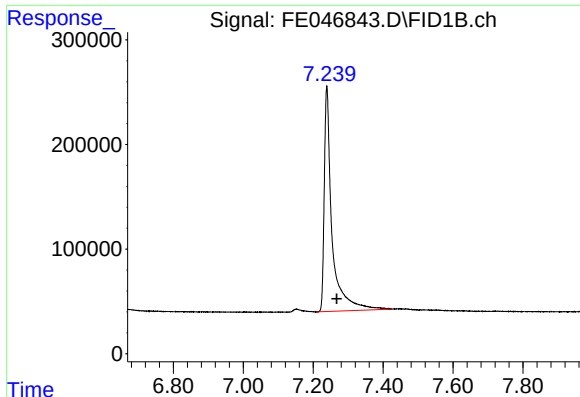
#3 A~Naphthalene (C11.7)

R.T.: 6.142 min
Delta R.T.: -0.027 min
Response: 3676579
Conc: 21.50 ug/ml



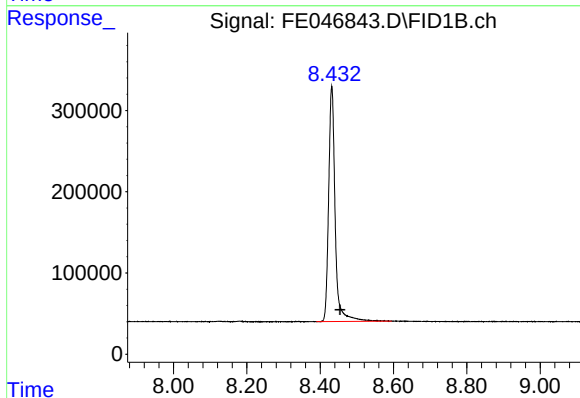
#4 n-Dodecane (C12)

R.T.: 6.606 min
Delta R.T.: -0.021 min
Response: 3633785
Conc: 21.97 ug/ml



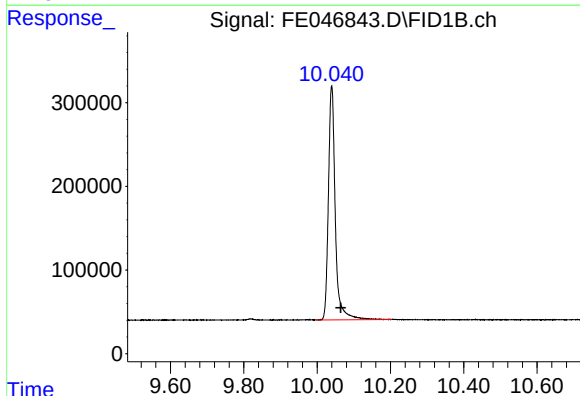
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.028 min
Response: 3331322
Conc: 20.89 ug/ml



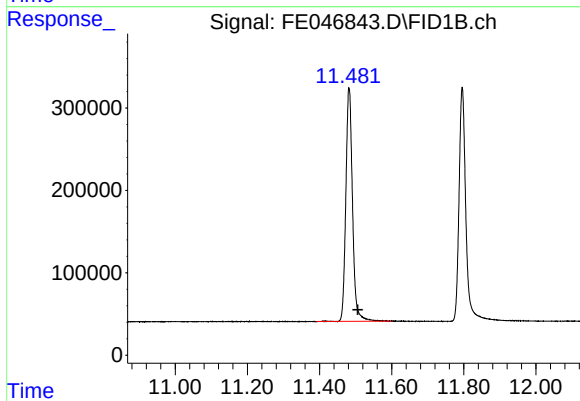
#6 n-Tetradecane (C14)

R.T.: 8.432 min
Delta R.T.: -0.022 min
Response: 3573007
Conc: 21.80 ug/ml



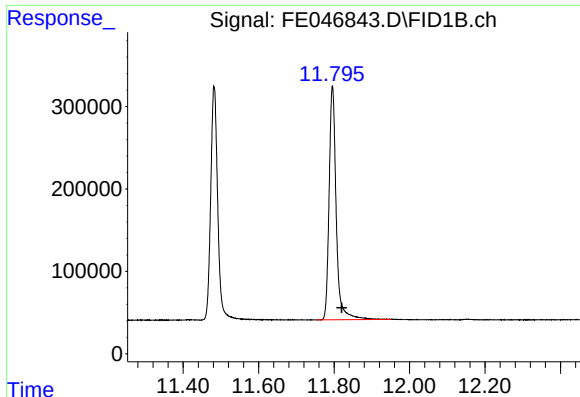
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: -0.024 min
Response: 3641865
Conc: 21.31 ug/ml



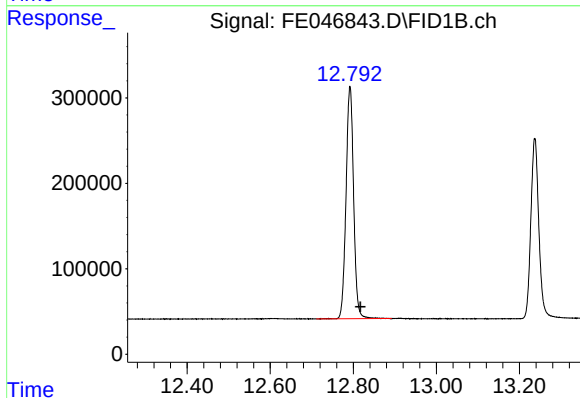
#8 n-Octadecane (C18)

R.T.: 11.482 min
Delta R.T.: -0.024 min
Response: 3639510
Conc: 20.88 ug/ml



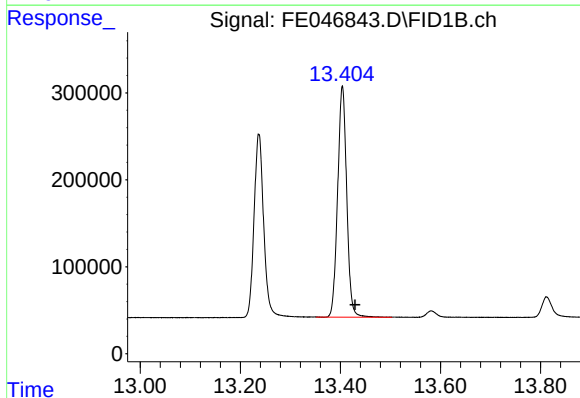
#9 ortho-Terphenyl (SURR)

R.T.: 11.796 min
Delta R.T.: -0.025 min
Response: 3707578
Conc: 20.05 ug/ml



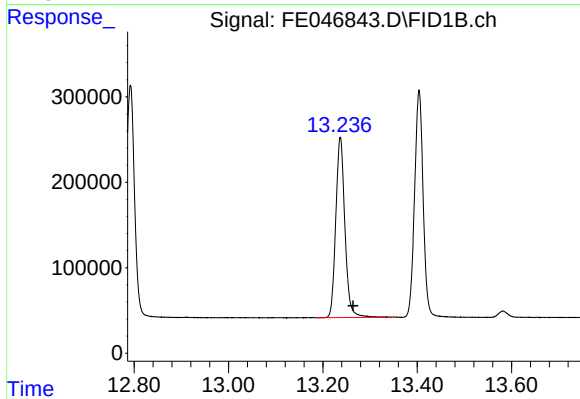
#10 n-Eicosane (C20)

R.T.: 12.792 min
Delta R.T.: -0.025 min
Response: 3446571
Conc: 20.30 ug/ml



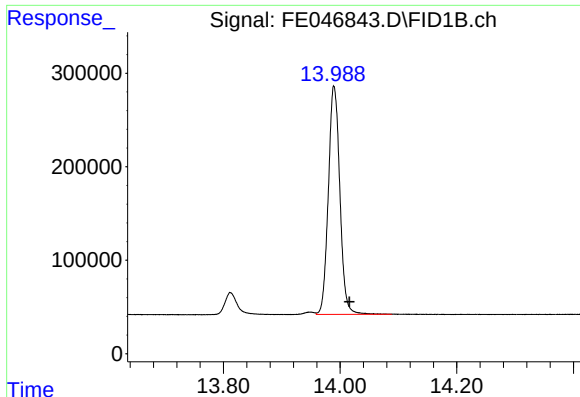
#11 n-Heneicosane (C21)

R.T.: 13.404 min
Delta R.T.: -0.025 min
Response: 3347732
Conc: 20.07 ug/ml



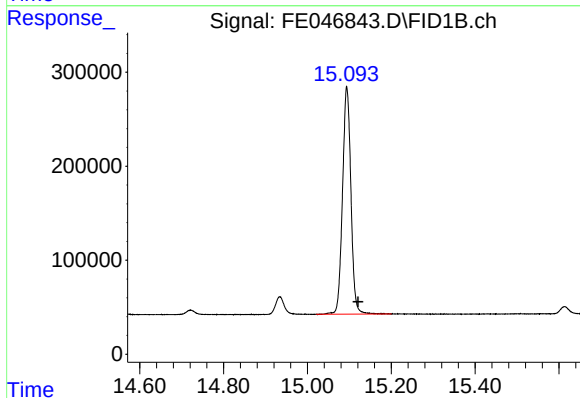
#12 1-chlorooctadecane (SURR)

R.T.: 13.237 min
Delta R.T.: -0.027 min
Response: 2827134
Conc: 19.87 ug/ml



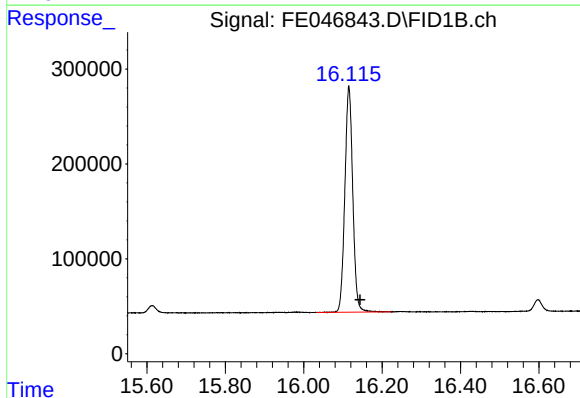
#13 n-Docosane (C22)

R.T.: 13.989 min
Delta R.T.: -0.027 min
Response: 3341684
Conc: 20.17 ug/ml



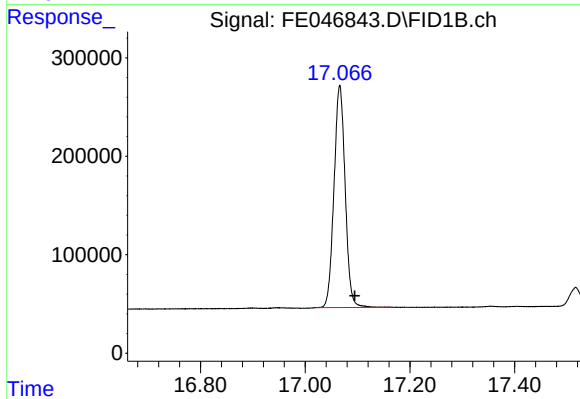
#14 n-Tetracosane (C24)

R.T.: 15.094 min
Delta R.T.: -0.027 min
Response: 3371051
Conc: 20.43 ug/ml



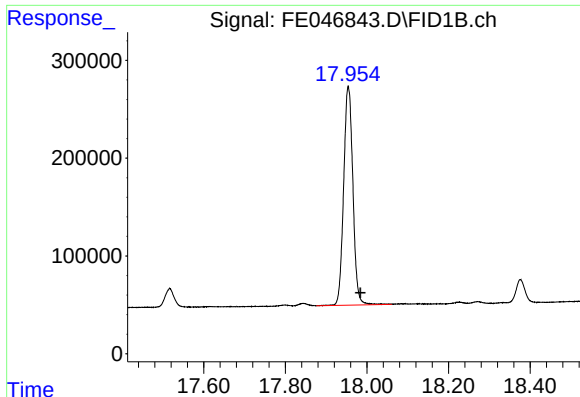
#15 n-Hexacosane (C26)

R.T.: 16.115 min
Delta R.T.: -0.029 min
Response: 3340283
Conc: 20.70 ug/ml



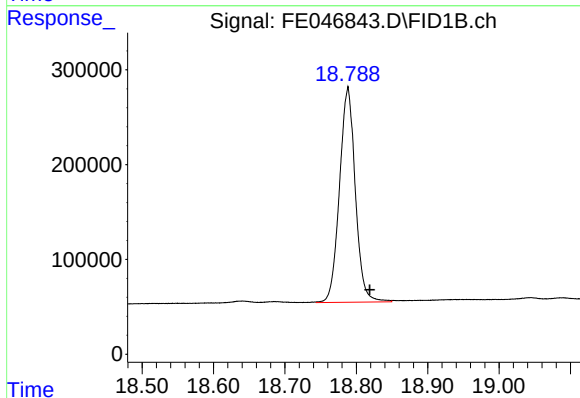
#16 n-Octacosane (C28)

R.T.: 17.066 min
Delta R.T.: -0.029 min
Response: 3338782
Conc: 21.27 ug/ml



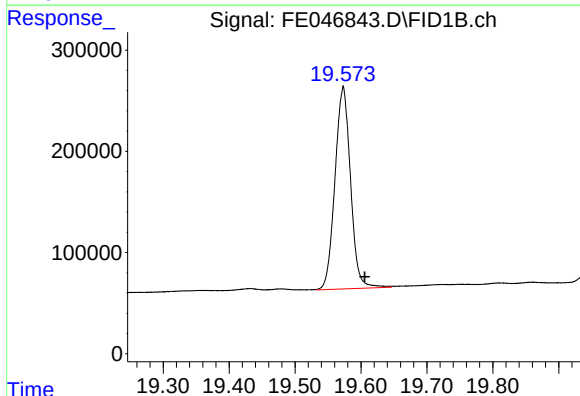
#17 n-Tricontane (C30)

R.T.: 17.954 min
Delta R.T.: -0.029 min
Response: 3518350
Conc: 22.46 ug/ml



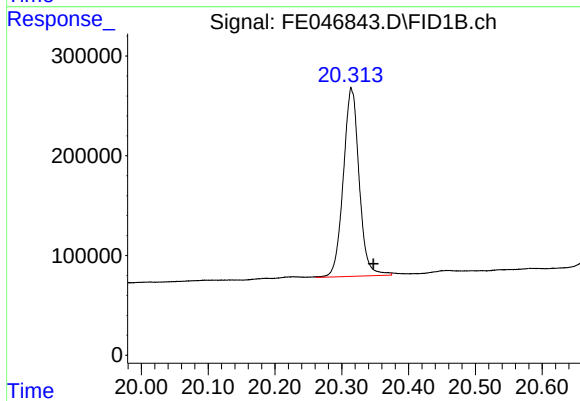
#18 n-Dotriacontane (C32)

R.T.: 18.788 min
Delta R.T.: -0.031 min
Response: 3487503
Conc: 23.07 ug/ml m



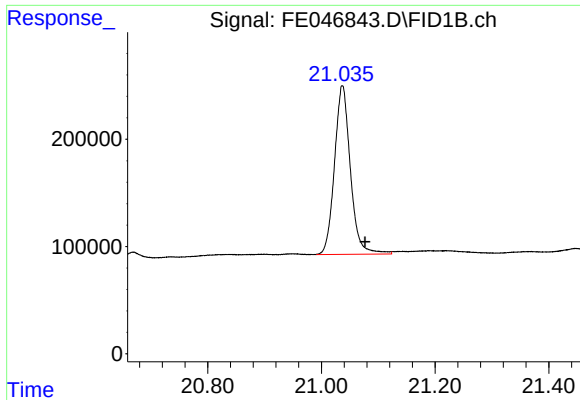
#19 n-Tetratriacontane (C34)

R.T.: 19.573 min
Delta R.T.: -0.033 min
Response: 3279039
Conc: 23.12 ug/ml m



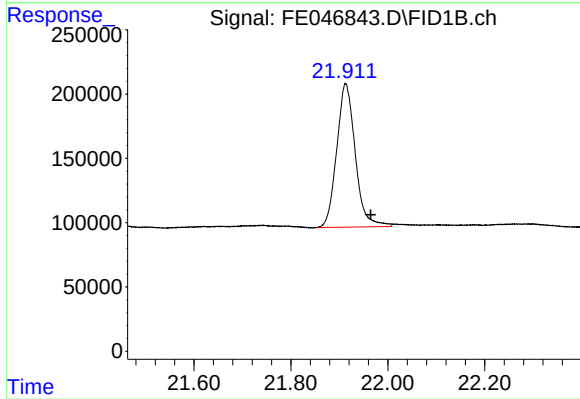
#20 n-Hexatriacontane (C36)

R.T.: 20.313 min
Delta R.T.: -0.034 min
Response: 3116679
Conc: 22.61 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.035 min
Delta R.T.: -0.041 min
Response: 3054544
Conc: 23.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.911 min
Delta R.T.: -0.053 min
Response: 2966441
Conc: 23.72 ug/ml m