

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120523AL\
 Data File : FE045667.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2023 21:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 05 23:27:50 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)	11.861	4055273	19.392 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	13.304	2994801	19.033 ug/ml
Spiked Amount 50.000		Recovery =	38.07%
Target Compounds			
1) T n-Nonane (C9)	3.248	3317515	20.921 ug/ml
2) T n-Decane (C10)	4.498	3390672	21.174 ug/ml
3) T A~Naphthalene (C11.7)	6.199	3689569	21.181 ug/ml
4) T n-Dodecane (C12)	6.665	3429577	21.232 ug/ml
5) T A~2-methylnaphthalene...	7.295	3589428	21.137 ug/ml
6) T n-Tetradecane (C14)	8.493	3392922	21.150 ug/ml
7) T n-Hexadecane (C16)	10.103	3444169	20.799 ug/ml
8) T n-Octadecane (C18)	11.548	3449506	20.120 ug/ml
10) T n-Eicosane (C20)	12.860	3331410	19.254 ug/ml
11) T n-Heneicosane (C21)	13.472	3260704	18.954 ug/ml
13) T n-Docosane (C22)	14.060	3210584	18.620 ug/ml
14) T n-Tetracosane (C24)	15.165	3114988	17.843 ug/ml
15) T n-Hexacosane (C26)	16.188	3015647	17.316 ug/ml
16) T n-Octacosane (C28)	17.141	2933474	16.973 ug/ml
17) T n-Tricontane (C30)	18.031	2970495	16.979 ug/ml
18) T n-Dotriacontane (C32)	18.863	2987421	16.375 ug/mlm
19) T n-Tetratriacontane (C34)	19.651	2913521	17.559 ug/ml
20) T n-Hexatriacontane (C36)	20.393	3019650	19.023 ug/ml
21) T n-Octatriacontane (C38)	21.129	2948872	18.804 ug/mlm
22) T n-Tetracontane (C40)	22.035	3031087	21.328 ug/mlm

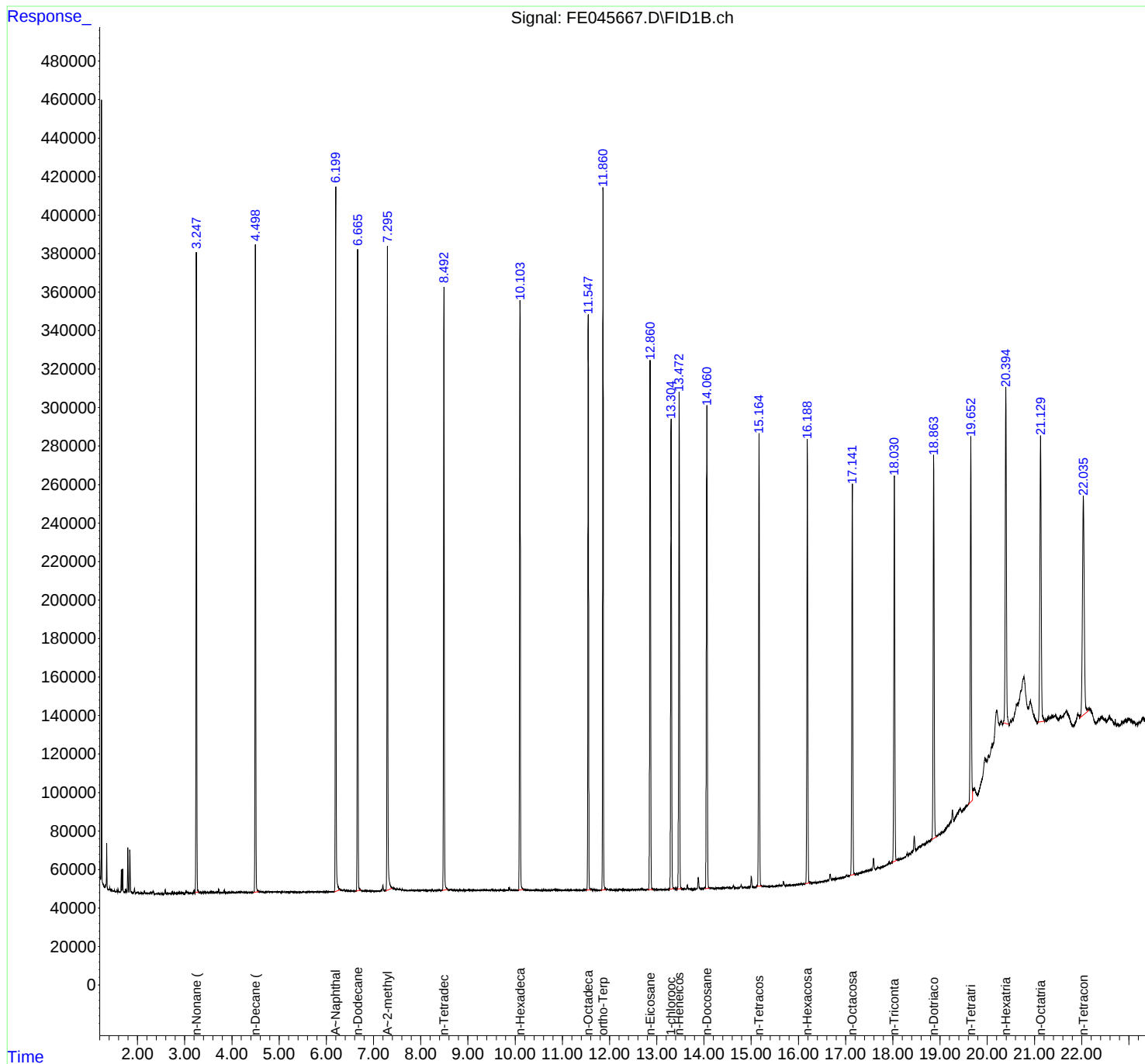
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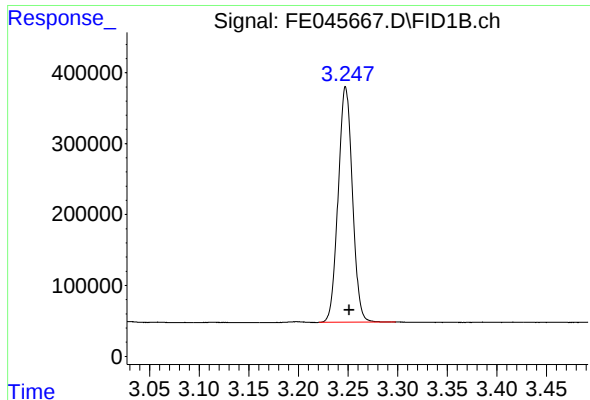
(m)=manual int.

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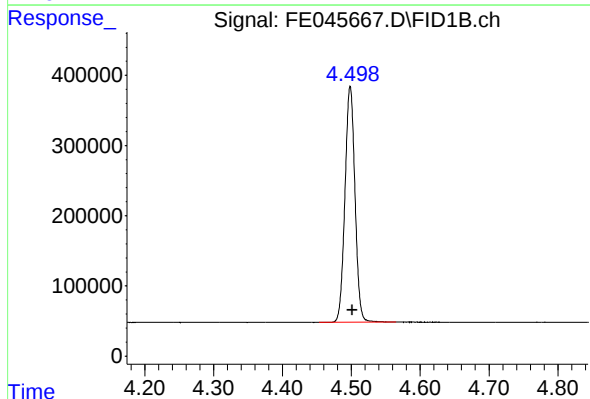
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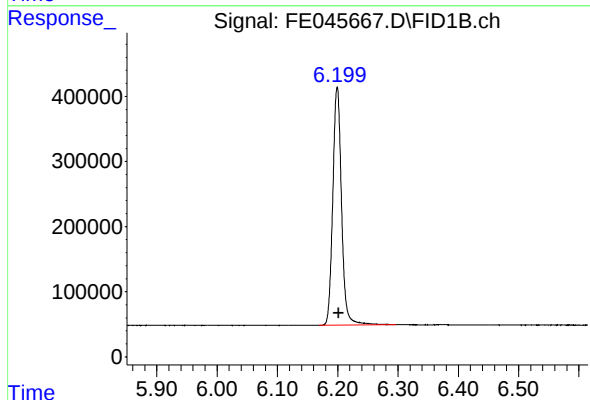
#1 n-Nonane (C9)

R.T.: 3.248 min
Delta R.T.: -0.003 min
Response: 3317515
Conc: 20.92 ug/ml



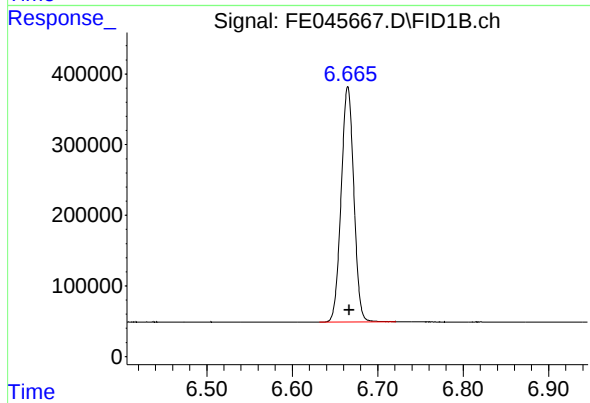
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.003 min
Response: 3390672
Conc: 21.17 ug/ml



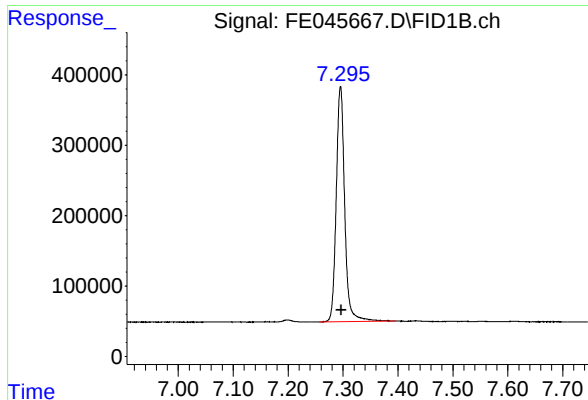
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: -0.002 min
Response: 3689569
Conc: 21.18 ug/ml



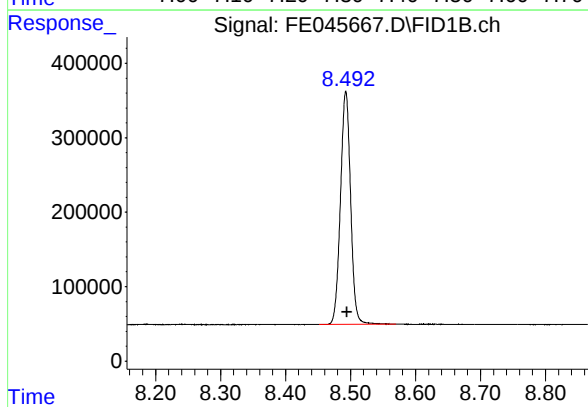
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 3429577
Conc: 21.23 ug/ml



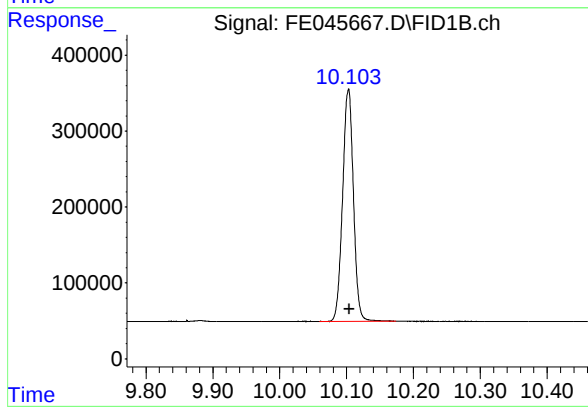
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 3589428
Conc: 21.14 ug/ml



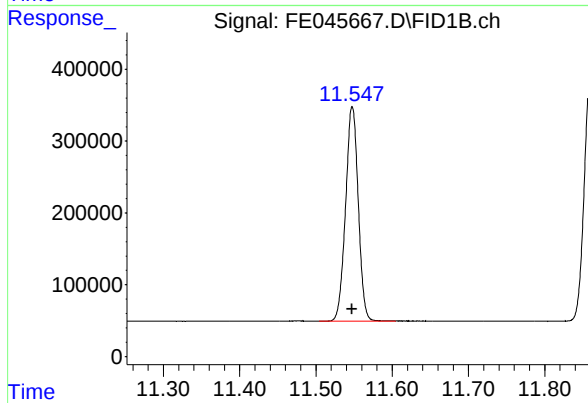
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 3392922
Conc: 21.15 ug/ml



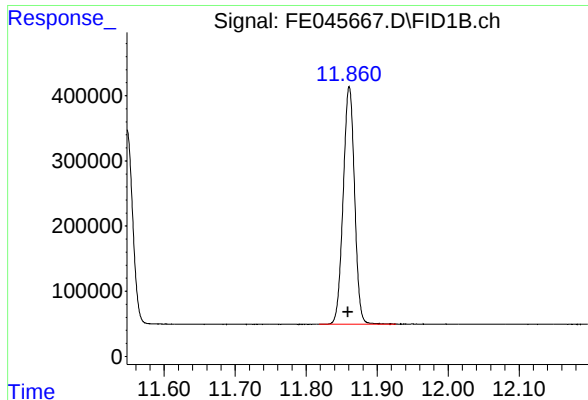
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.001 min
Response: 3444169
Conc: 20.80 ug/ml



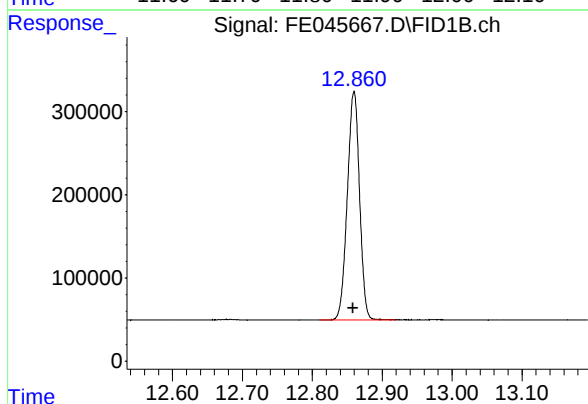
#8 n-Octadecane (C18)

R.T.: 11.548 min
Delta R.T.: 0.000 min
Response: 3449506
Conc: 20.12 ug/ml



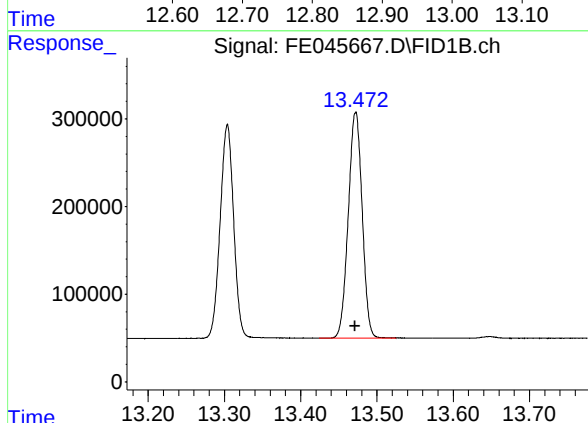
#9 ortho-Terphenyl (SURR)

R.T.: 11.861 min
Delta R.T.: 0.002 min
Response: 4055273
Conc: 19.39 ug/ml



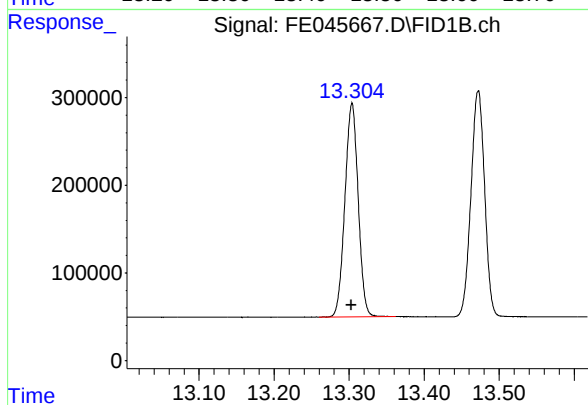
#10 n-Eicosane (C20)

R.T.: 12.860 min
Delta R.T.: 0.001 min
Response: 3331410
Conc: 19.25 ug/ml



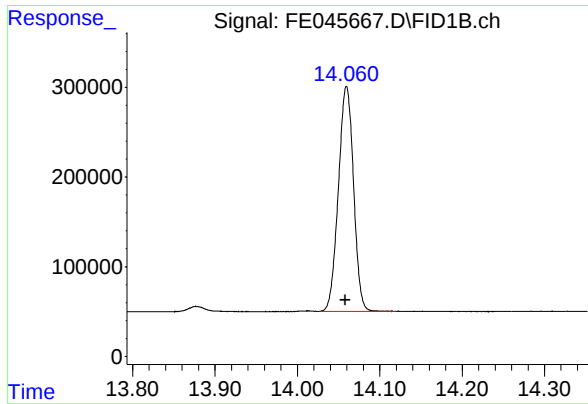
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: 0.000 min
Response: 3260704
Conc: 18.95 ug/ml



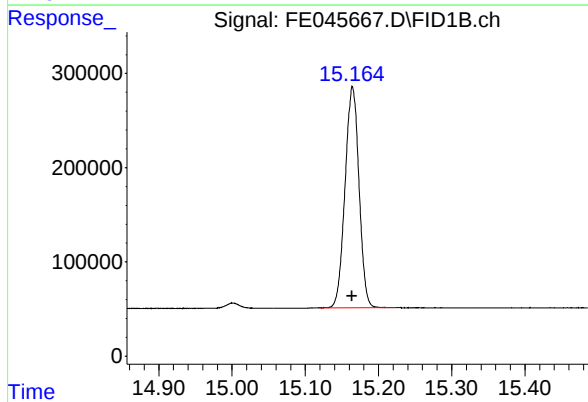
#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: 0.001 min
Response: 2994801
Conc: 19.03 ug/ml



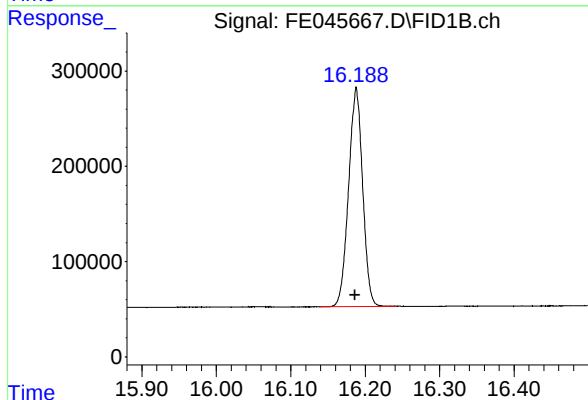
#13 n-Docosane (C22)

R.T.: 14.060 min
Delta R.T.: 0.002 min
Response: 3210584
Conc: 18.62 ug/ml



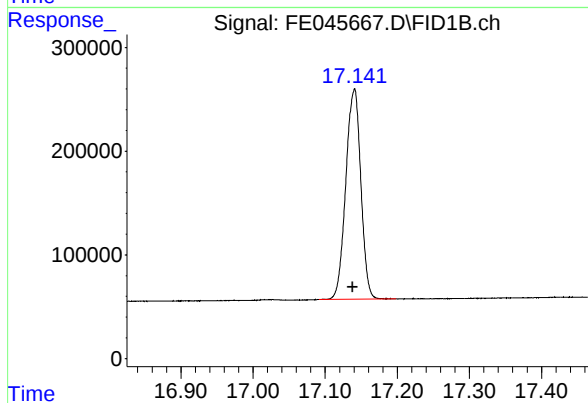
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: 0.000 min
Response: 3114988
Conc: 17.84 ug/ml



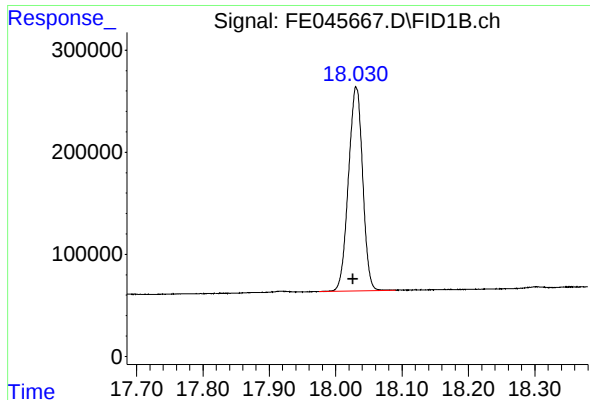
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.002 min
Response: 3015647
Conc: 17.32 ug/ml



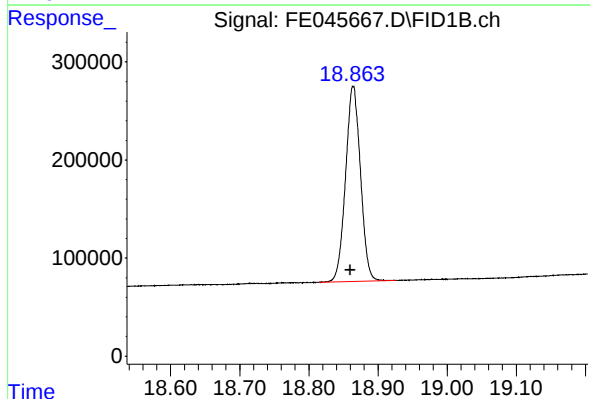
#16 n-Octacosane (C28)

R.T.: 17.141 min
Delta R.T.: 0.002 min
Response: 2933474
Conc: 16.97 ug/ml



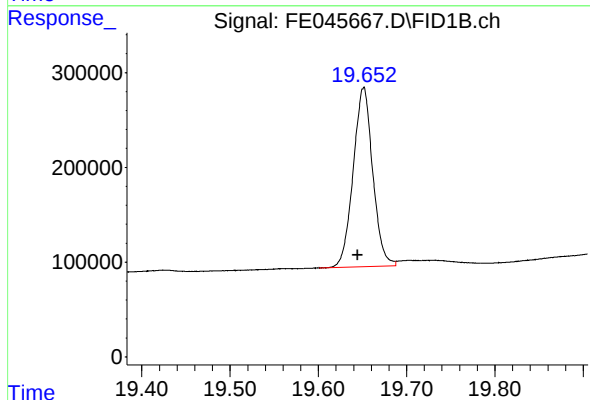
#17 n-Tricontane (C30)

R.T.: 18.031 min
Delta R.T.: 0.005 min
Response: 2970495
Conc: 16.98 ug/ml



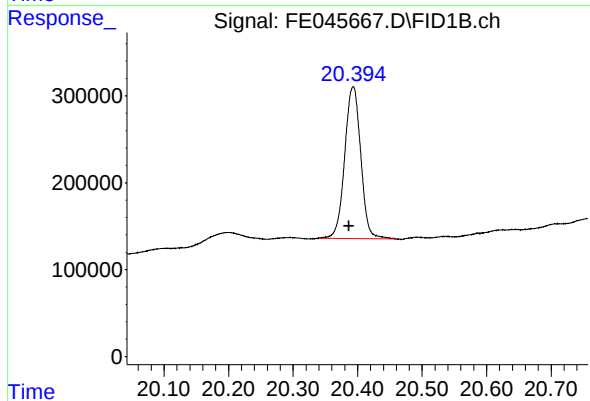
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.003 min
Response: 2987421
Conc: 16.38 ug/ml m



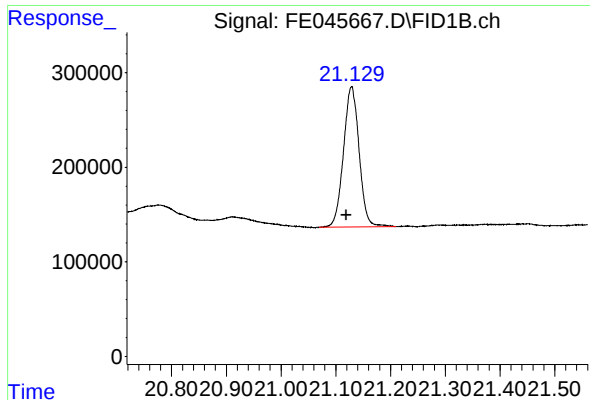
#19 n-Tetratriacontane (C34)

R.T.: 19.651 min
Delta R.T.: 0.007 min
Response: 2913521
Conc: 17.56 ug/ml



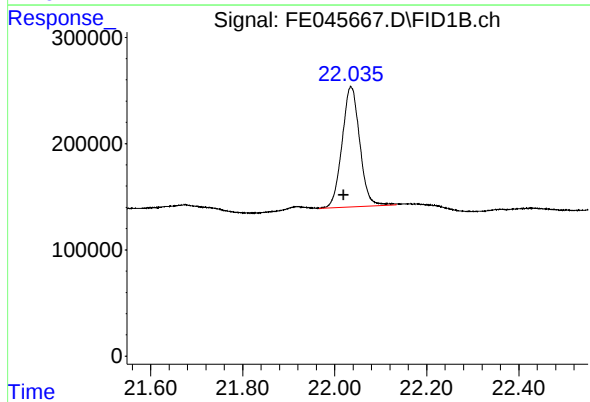
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: 0.007 min
Response: 3019650
Conc: 19.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.129 min
Delta R.T.: 0.010 min
Response: 2948872
Conc: 18.80 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.035 min
Delta R.T.: 0.015 min
Response: 3031087
Conc: 21.33 ug/ml m