

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021624AL\
 Data File : FE046827.D
 Signal(s) : FID1B.ch
 Acq On : 16 Feb 2024 12:58
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 17 00:32:01 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

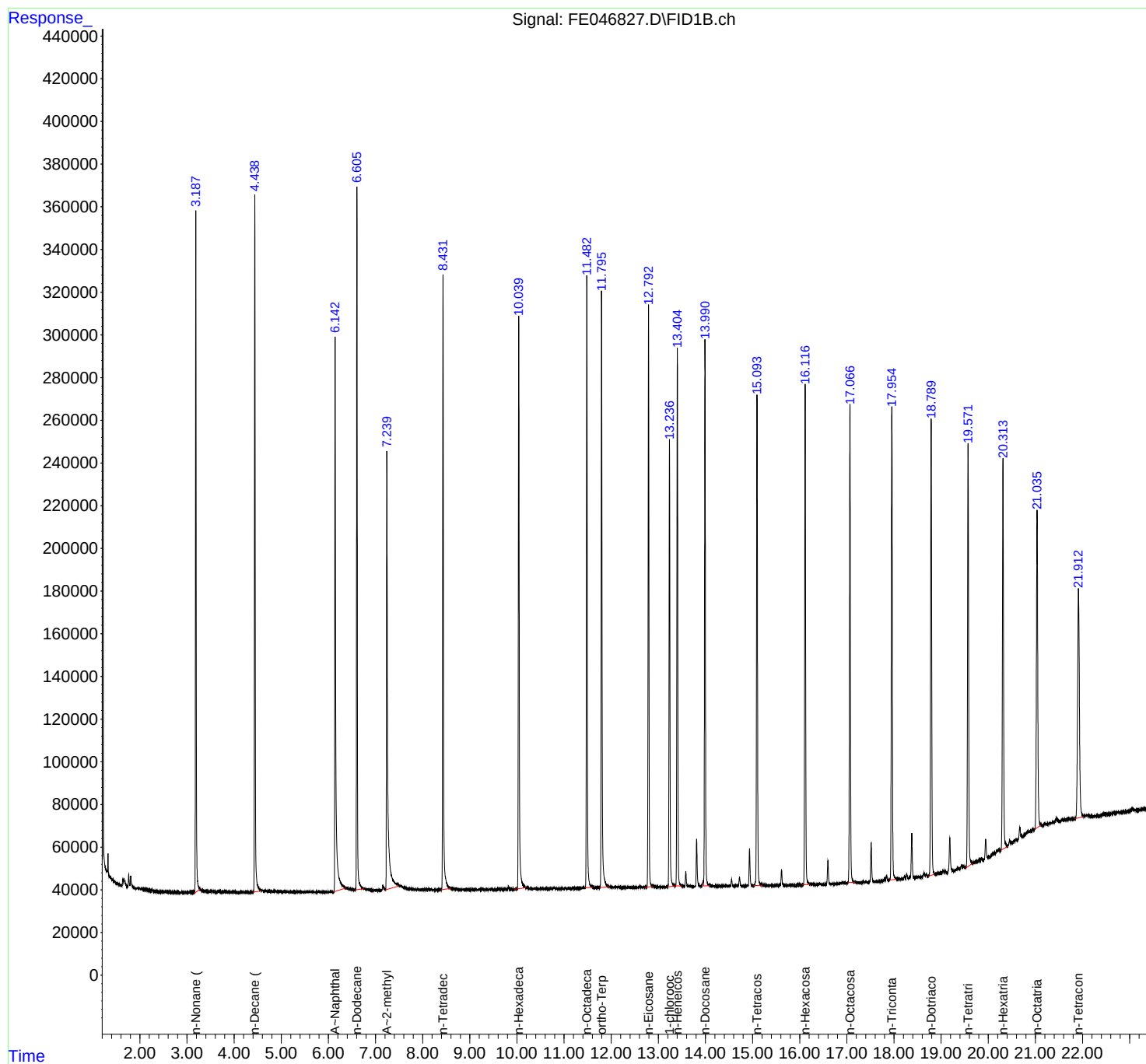
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.795	3668008	19.837 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
12) S 1-chlorooctadecane (S...	13.237	2787727	19.594 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
Target Compounds			
1) T n-Nonane (C9)	3.187	3386391	20.965 ug/mlm
2) T n-Decane (C10)	4.438	3586946	21.887 ug/ml
3) T A~Naphthalene (C11.7)	6.143	3616507	21.149 ug/ml
4) T n-Dodecane (C12)	6.605	3603454	21.785 ug/ml
5) T A~2-methylnaphthalene...	7.239	3407442	21.364 ug/ml
6) T n-Tetradecane (C14)	8.431	3531685	21.548 ug/ml
7) T n-Hexadecane (C16)	10.039	3582650	20.966 ug/ml
8) T n-Octadecane (C18)	11.483	3594598	20.619 ug/ml
10) T n-Eicosane (C20)	12.793	3408000	20.072 ug/ml
11) T n-Heneicosane (C21)	13.404	3313577	19.867 ug/ml
13) T n-Docosane (C22)	13.990	3306374	19.958 ug/ml
14) T n-Tetracosane (C24)	15.093	3330402	20.184 ug/ml
15) T n-Hexacosane (C26)	16.116	3285438	20.356 ug/ml
16) T n-Octacosane (C28)	17.066	3291654	20.969 ug/ml
17) T n-Tricontane (C30)	17.954	3428875	21.891 ug/ml
18) T n-Dotriacontane (C32)	18.789	3368869	22.287 ug/mlm
19) T n-Tetratriacontane (C34)	19.571	3200166	22.563 ug/mlm
20) T n-Hexatriacontane (C36)	20.313	2994502	21.724 ug/mlm
21) T n-Octatriacontane (C38)	21.035	2888764	22.534 ug/mlm
22) T n-Tetracontane (C40)	21.912	2852102	22.810 ug/mlm

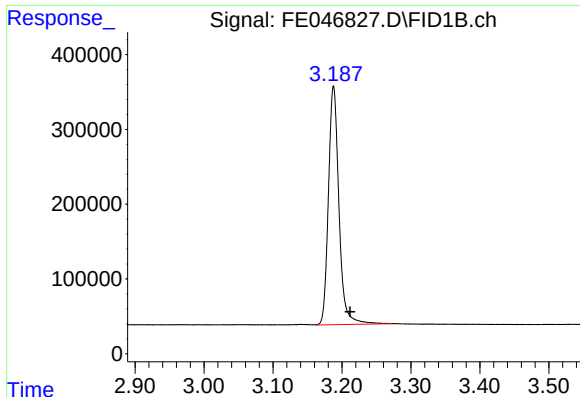
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e
Quant Time: Feb 17 00:32:01 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

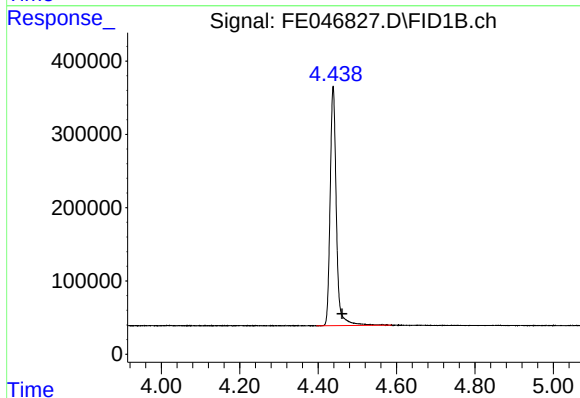
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





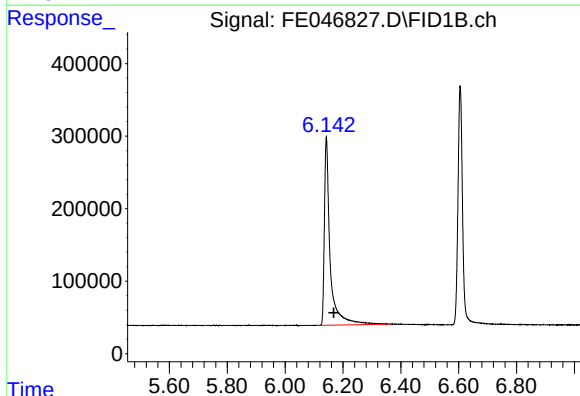
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: -0.025 min
Response: 3386391
Conc: 20.96 ug/ml m



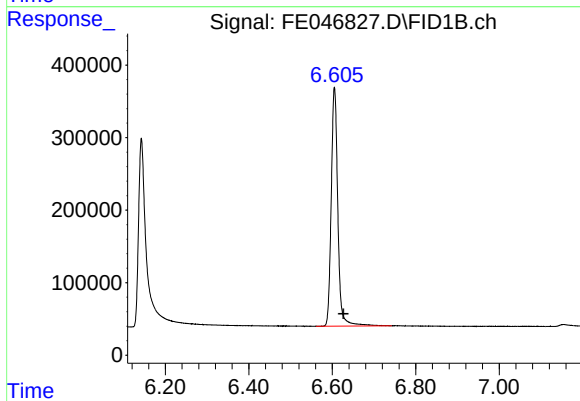
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.023 min
Response: 3586946
Conc: 21.89 ug/ml



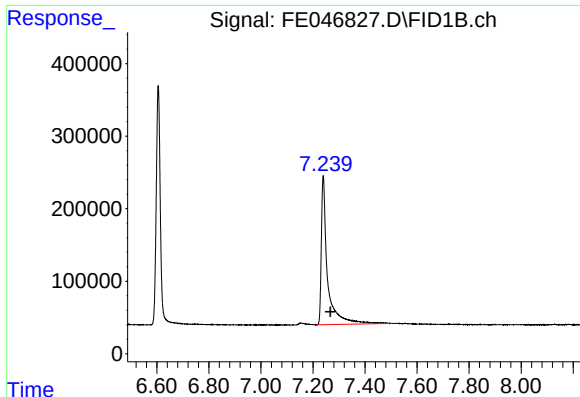
#3 A~Naphthalene (C11.7)

R.T.: 6.143 min
Delta R.T.: -0.026 min
Response: 3616507
Conc: 21.15 ug/ml



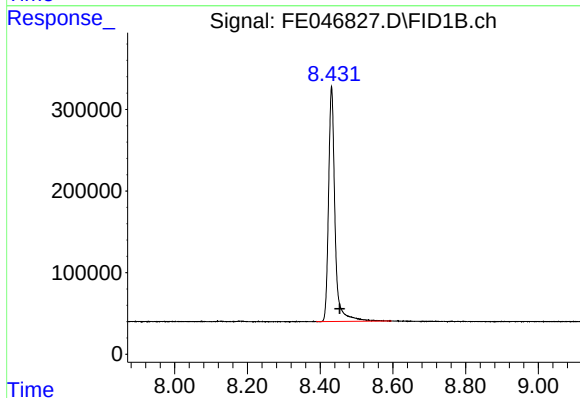
#4 n-Dodecane (C12)

R.T.: 6.605 min
Delta R.T.: -0.021 min
Response: 3603454
Conc: 21.78 ug/ml



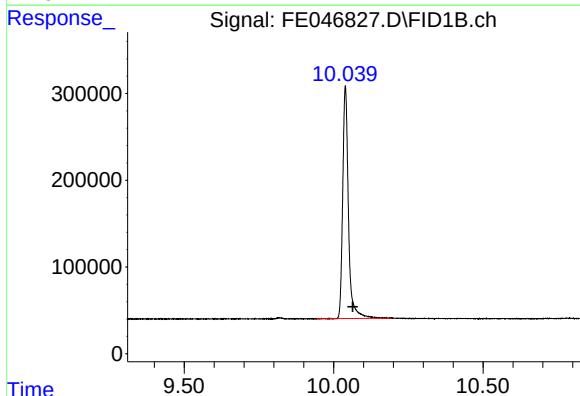
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.239 min
Delta R.T.: -0.028 min
Response: 3407442
Conc: 21.36 ug/ml



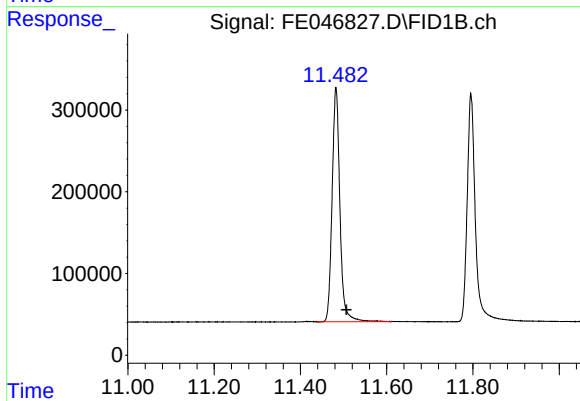
#6 n-Tetradecane (C14)

R.T.: 8.431 min
Delta R.T.: -0.023 min
Response: 3531685
Conc: 21.55 ug/ml



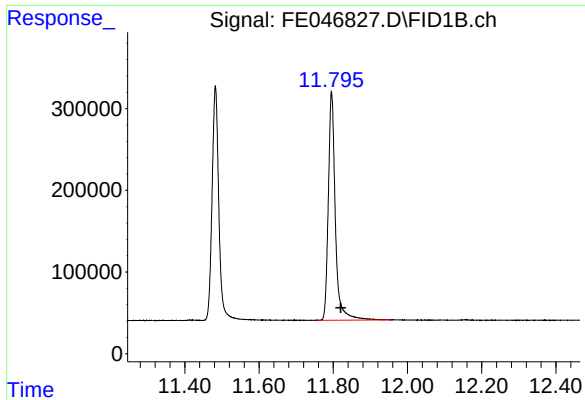
#7 n-Hexadecane (C16)

R.T.: 10.039 min
Delta R.T.: -0.025 min
Response: 3582650
Conc: 20.97 ug/ml



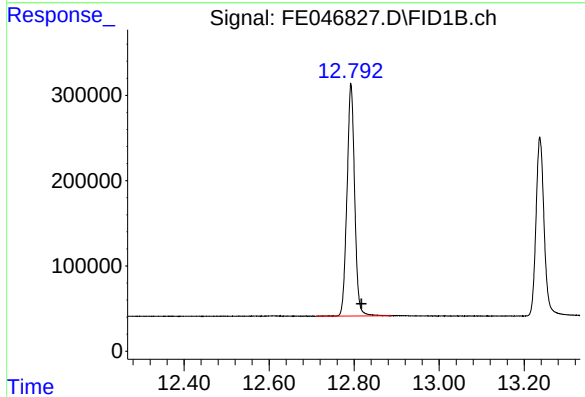
#8 n-Octadecane (C18)

R.T.: 11.483 min
Delta R.T.: -0.024 min
Response: 3594598
Conc: 20.62 ug/ml



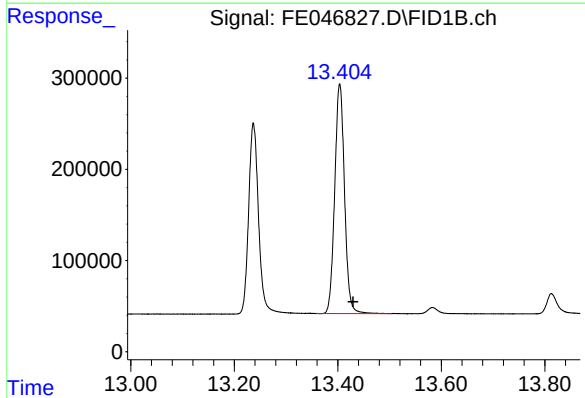
#9 ortho-Terphenyl (SURR)

R.T.: 11.795 min
Delta R.T.: -0.025 min
Response: 3668008
Conc: 19.84 ug/ml



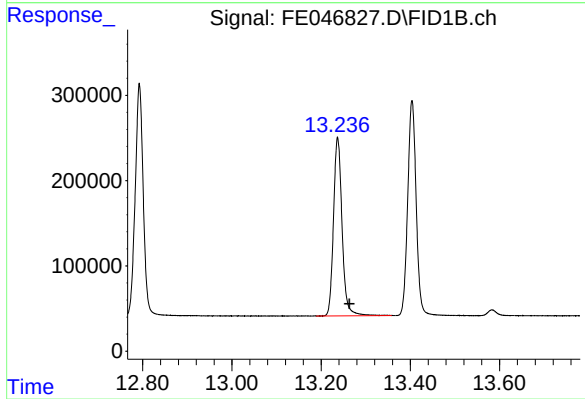
#10 n-Eicosane (C20)

R.T.: 12.793 min
Delta R.T.: -0.024 min
Response: 3408000
Conc: 20.07 ug/ml



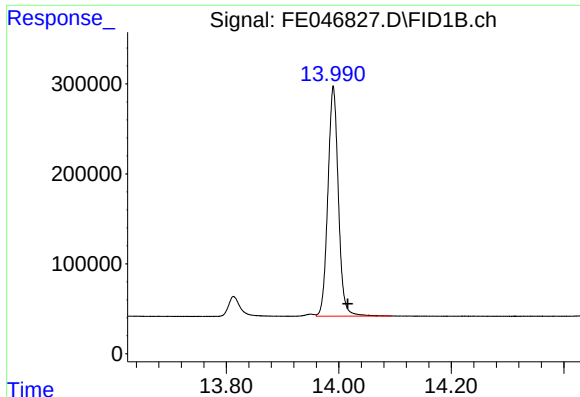
#11 n-Heneicosane (C21)

R.T.: 13.404 min
Delta R.T.: -0.026 min
Response: 3313577
Conc: 19.87 ug/ml



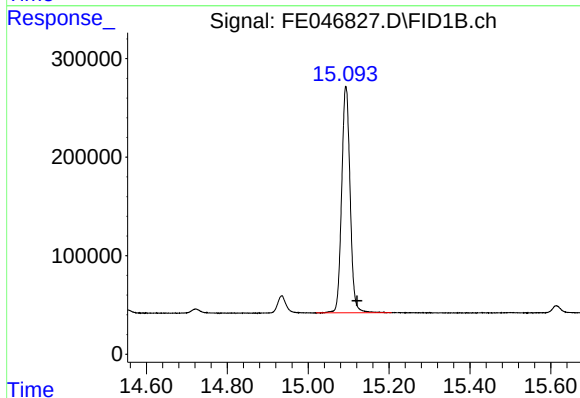
#12 1-chlorooctadecane (SURR)

R.T.: 13.237 min
Delta R.T.: -0.027 min
Response: 2787727
Conc: 19.59 ug/ml



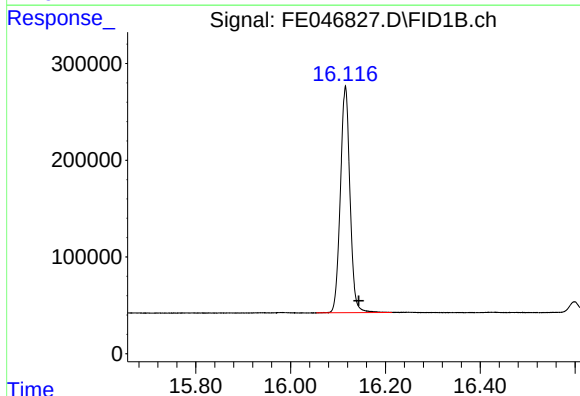
#13 n-Docosane (C22)

R.T.: 13.990 min
Delta R.T.: -0.026 min
Response: 3306374
Conc: 19.96 ug/ml



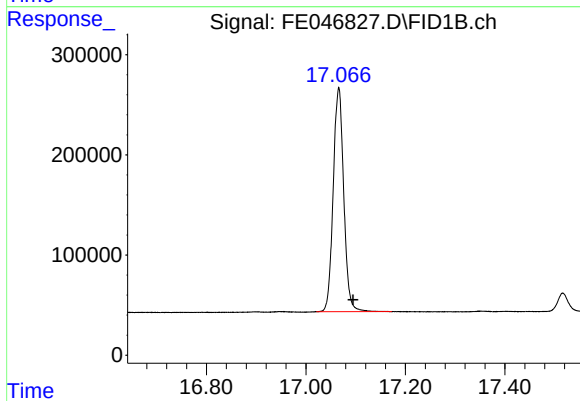
#14 n-Tetracosane (C24)

R.T.: 15.093 min
Delta R.T.: -0.028 min
Response: 3330402
Conc: 20.18 ug/ml



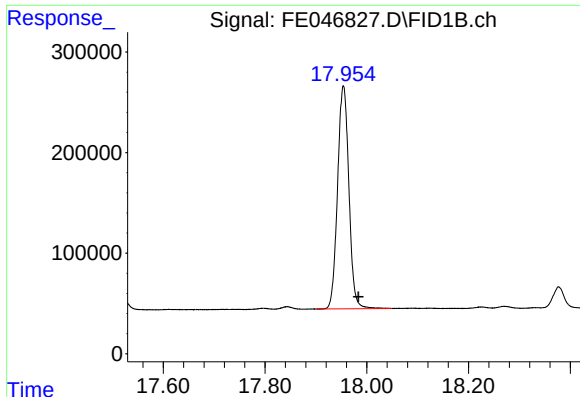
#15 n-Hexacosane (C26)

R.T.: 16.116 min
Delta R.T.: -0.028 min
Response: 3285438
Conc: 20.36 ug/ml



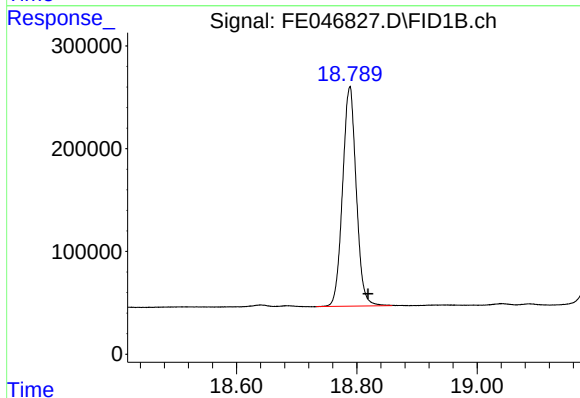
#16 n-Octacosane (C28)

R.T.: 17.066 min
Delta R.T.: -0.028 min
Response: 3291654
Conc: 20.97 ug/ml



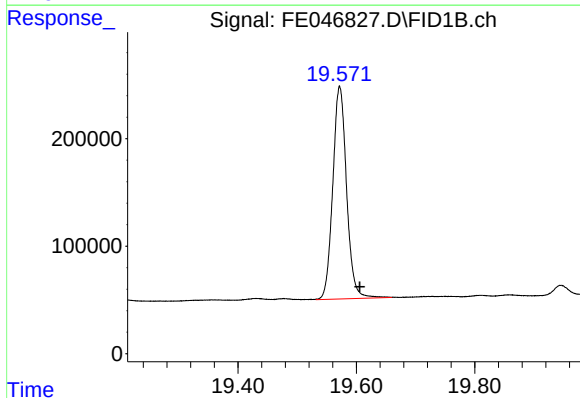
#17 n-Tricontane (C30)

R.T.: 17.954 min
Delta R.T.: -0.030 min
Response: 3428875
Conc: 21.89 ug/ml



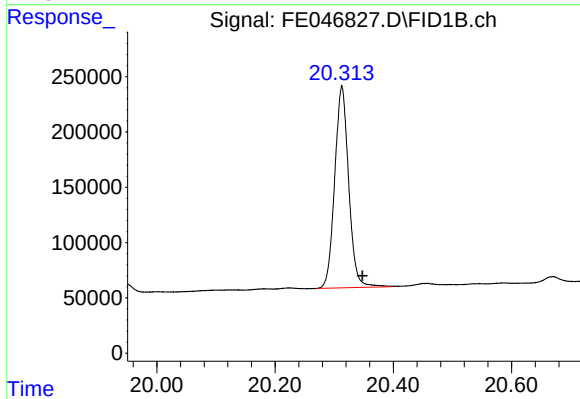
#18 n-Dotriacontane (C32)

R.T.: 18.789 min
Delta R.T.: -0.030 min
Response: 3368869
Conc: 22.29 ug/ml m



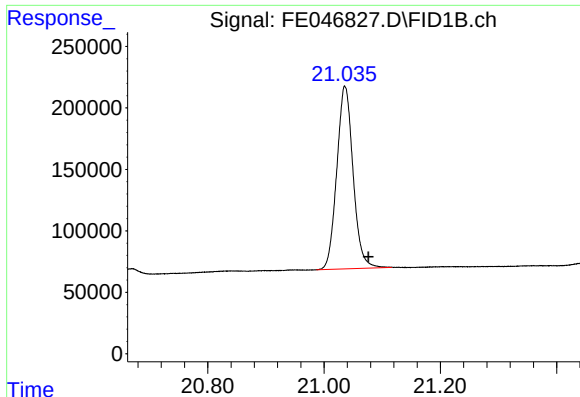
#19 n-Tetratriacontane (C34)

R.T.: 19.571 min
Delta R.T.: -0.035 min
Response: 3200166
Conc: 22.56 ug/ml m



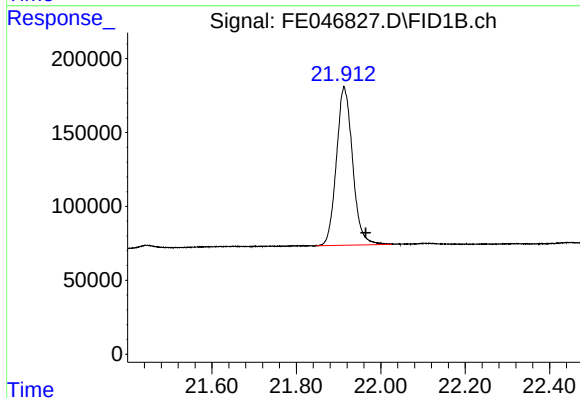
#20 n-Hexatriacontane (C36)

R.T.: 20.313 min
Delta R.T.: -0.035 min
Response: 2994502
Conc: 21.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.035 min
Delta R.T.: -0.041 min
Response: 2888764
Conc: 22.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: -0.053 min
Response: 2852102
Conc: 22.81 ug/ml m