

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022824AL\
 Data File : FE046984.D
 Signal(s) : FID1B.ch
 Acq On : 28 Feb 2024 22:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 29 00:28:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:04:00 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	3363070	20.469 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	13.236	2546824	20.689 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
Target Compounds			
1) T n-Nonane (C9)	3.184	3225083	21.149 ug/ml
2) T n-Decane (C10)	4.435	3305177	21.340 ug/ml
3) T A~Naphthalene (C11.7)	6.141	3314994	21.047 ug/ml
4) T n-Dodecane (C12)	6.603	3322622	21.370 ug/ml
5) T A~2-methylnaphthalene...	7.238	3085075	21.514 ug/ml
6) T n-Tetradecane (C14)	8.430	3273088	21.226 ug/ml
7) T n-Hexadecane (C16)	10.038	3334563	21.016 ug/ml
8) T n-Octadecane (C18)	11.481	3312031	20.776 ug/ml
10) T n-Eicosane (C20)	12.791	3114544	20.576 ug/ml
11) T n-Heneicosane (C21)	13.403	3027552	20.445 ug/ml
13) T n-Docosane (C22)	13.990	3001182	20.628 ug/ml
14) T n-Tetracosane (C24)	15.093	2950065	20.656 ug/ml
15) T n-Hexacosane (C26)	16.115	2899920	20.752 ug/ml
16) T n-Octacosane (C28)	17.066	2874870	21.102 ug/ml
17) T n-Tricontane (C30)	17.955	3063119	21.955 ug/ml
18) T n-Dotriacontane (C32)	18.789	3026675	21.996 ug/ml
19) T n-Tetratriacontane (C34)	19.572	2956403	22.008 ug/mlm
20) T n-Hexatriacontane (C36)	20.312	3229118	24.250 ug/ml
21) T n-Octatriacontane (C38)	21.037	3089980	22.426 ug/ml
22) T n-Tetracontane (C40)	21.914	3244792	22.998 ug/mlm

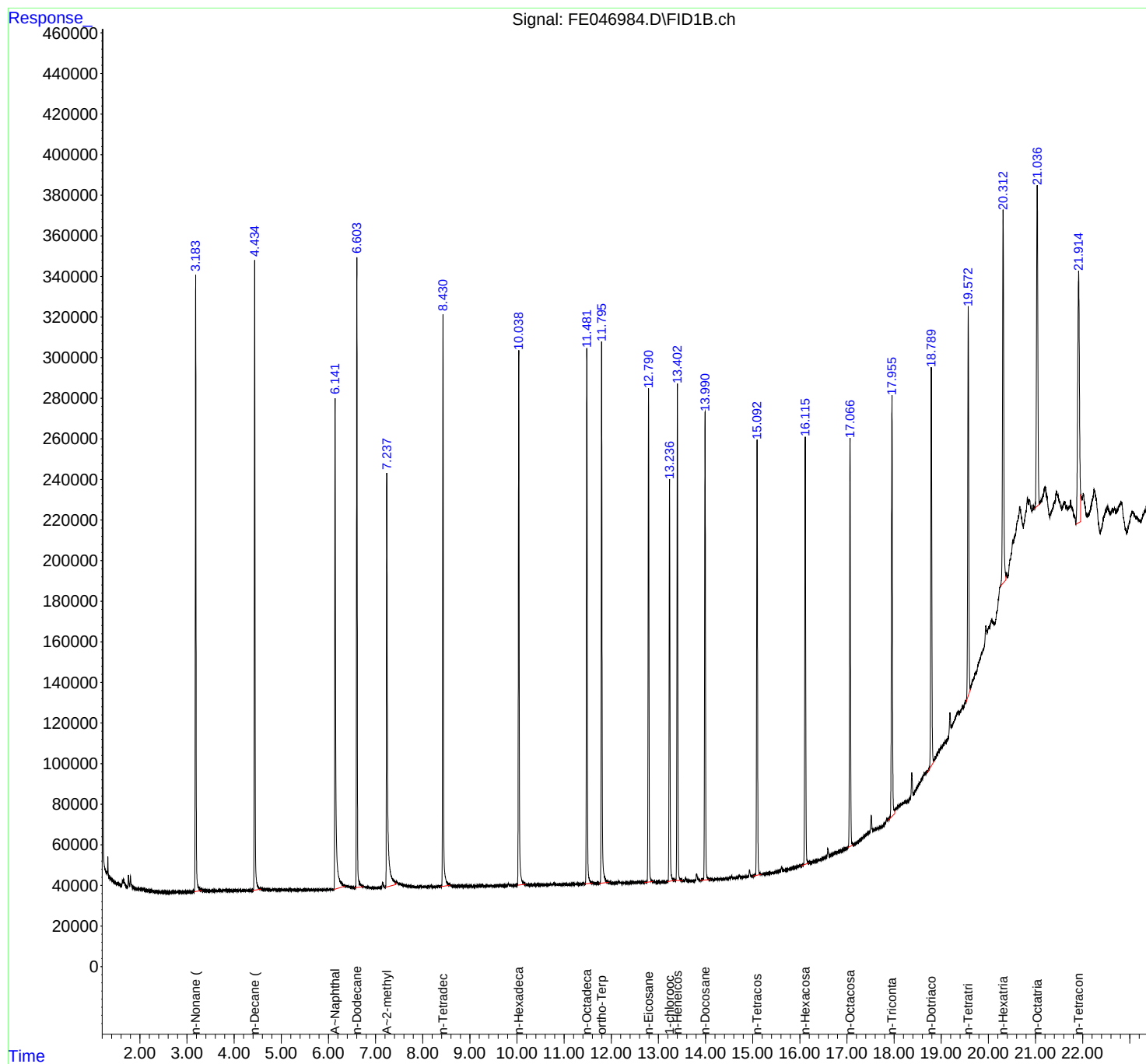
(f)=RT Delta > 1/2 Window

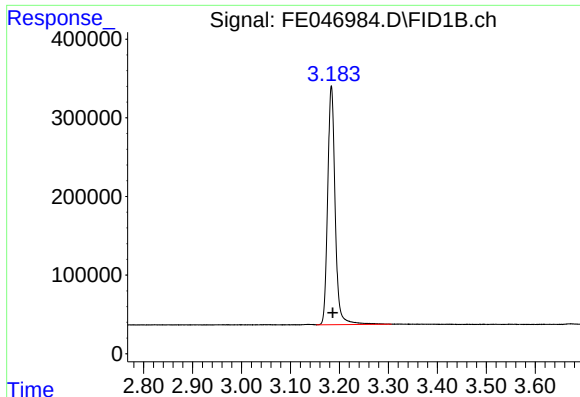
(m)=manual int.

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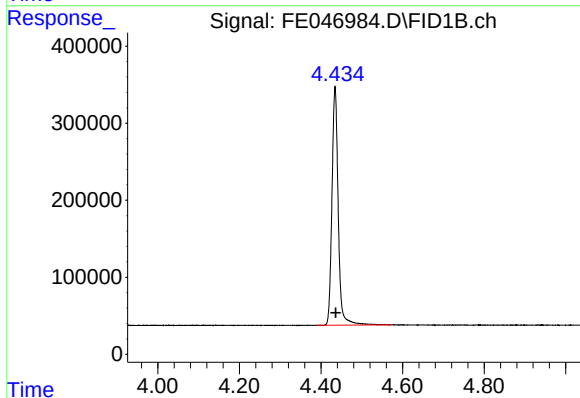
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Signal Info : 20M x 0.18mm x 0.18um





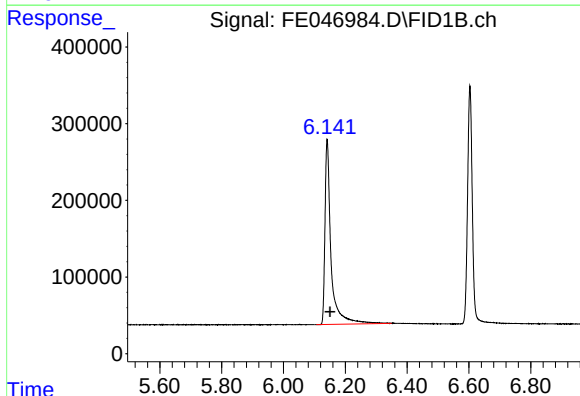
#1 n-Nonane (C9)

R.T.: 3.184 min
Delta R.T.: -0.002 min
Response: 3225083
Conc: 21.15 ug/ml



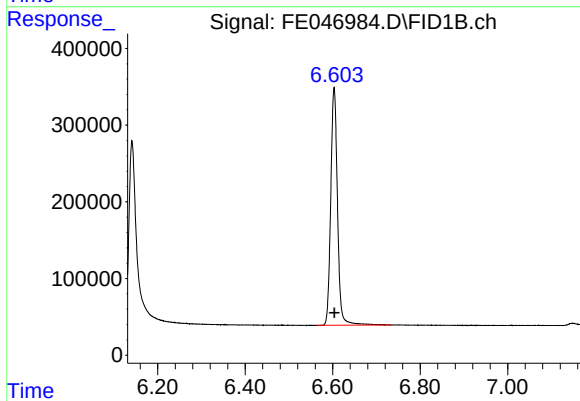
#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 3305177
Conc: 21.34 ug/ml



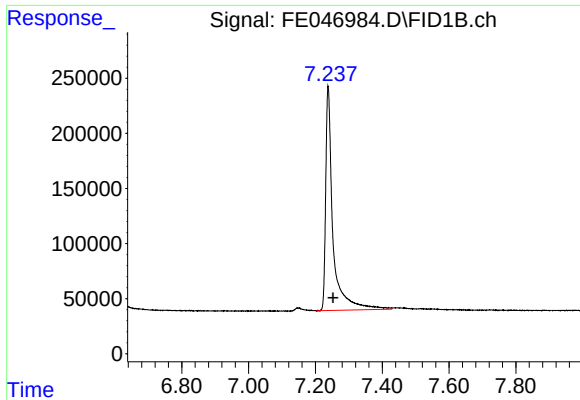
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: -0.010 min
Response: 3314994
Conc: 21.05 ug/ml



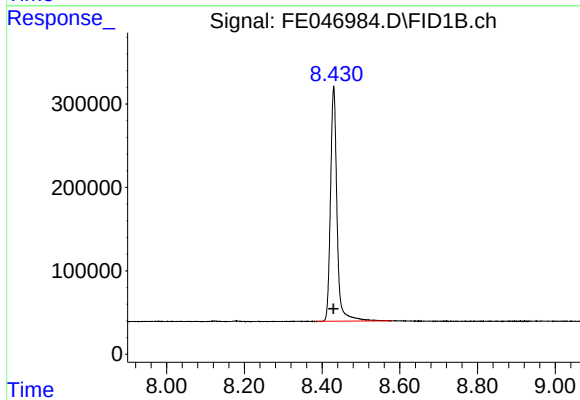
#4 n-Dodecane (C12)

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 3322622
Conc: 21.37 ug/ml



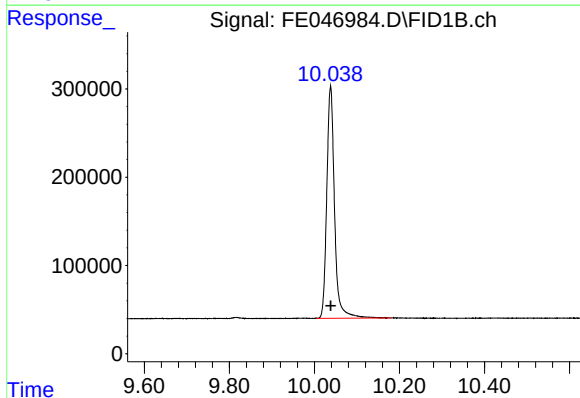
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.238 min
Delta R.T.: -0.014 min
Response: 3085075
Conc: 21.51 ug/ml



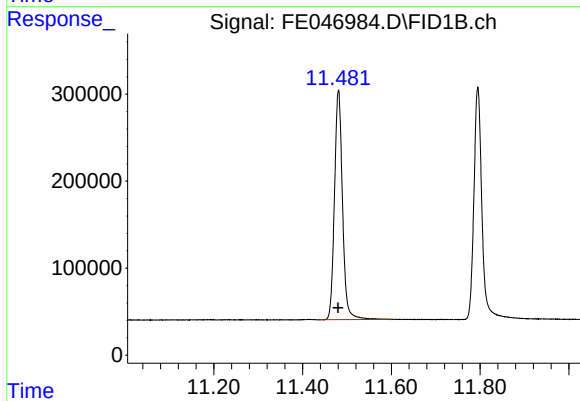
#6 n-Tetradecane (C14)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 3273088
Conc: 21.23 ug/ml



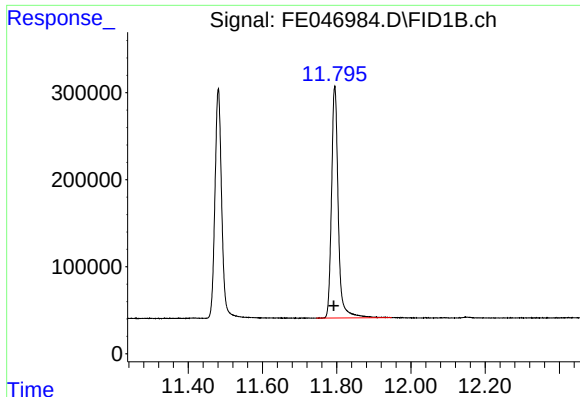
#7 n-Hexadecane (C16)

R.T.: 10.038 min
Delta R.T.: 0.000 min
Response: 3334563
Conc: 21.02 ug/ml



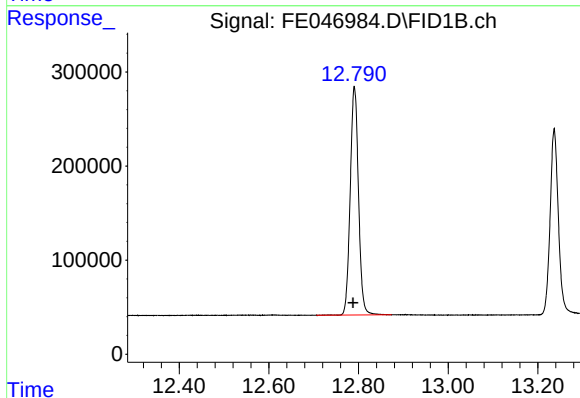
#8 n-Octadecane (C18)

R.T.: 11.481 min
Delta R.T.: 0.000 min
Response: 3312031
Conc: 20.78 ug/ml



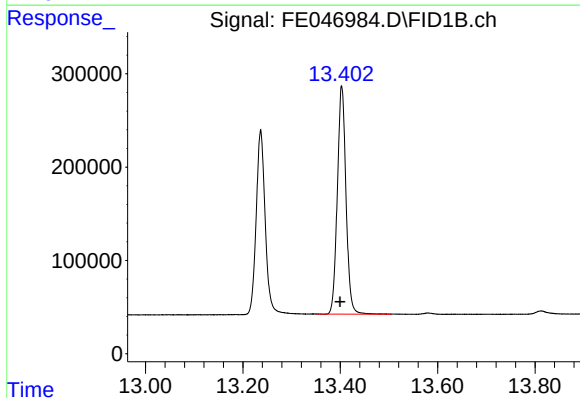
#9 ortho-Terphenyl (SURR)

R.T.: 11.795 min
Delta R.T.: 0.003 min
Response: 3363070
Conc: 20.47 ug/ml



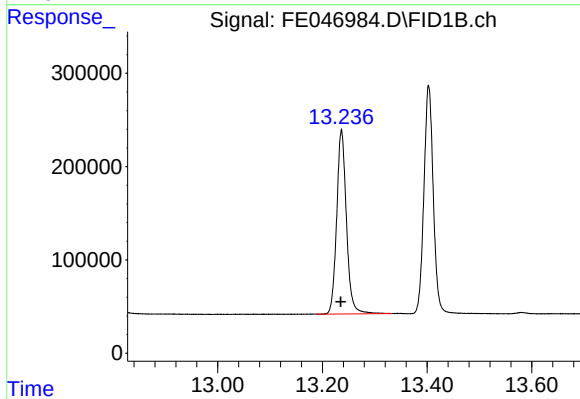
#10 n-Eicosane (C20)

R.T.: 12.791 min
Delta R.T.: 0.003 min
Response: 3114544
Conc: 20.58 ug/ml



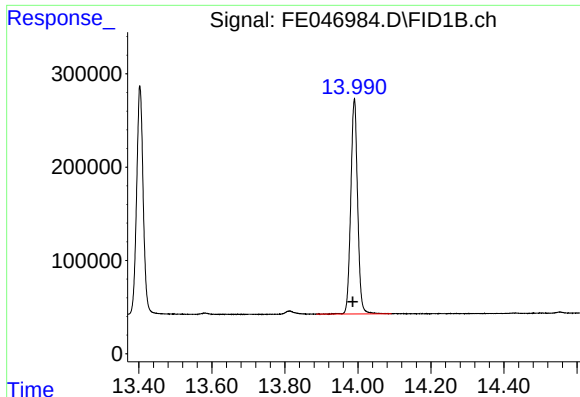
#11 n-Heneicosane (C21)

R.T.: 13.403 min
Delta R.T.: 0.003 min
Response: 3027552
Conc: 20.45 ug/ml



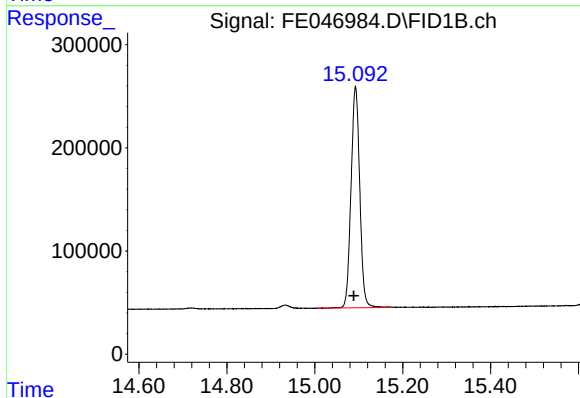
#12 1-chlorooctadecane (SURR)

R.T.: 13.236 min
Delta R.T.: 0.002 min
Response: 2546824
Conc: 20.69 ug/ml



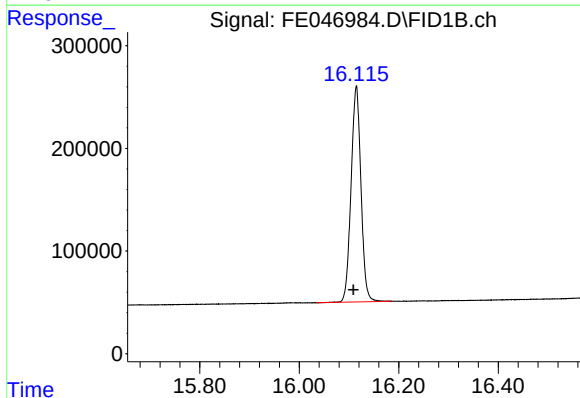
#13 n-Docosane (C22)

R.T.: 13.990 min
Delta R.T.: 0.004 min
Response: 3001182
Conc: 20.63 ug/ml



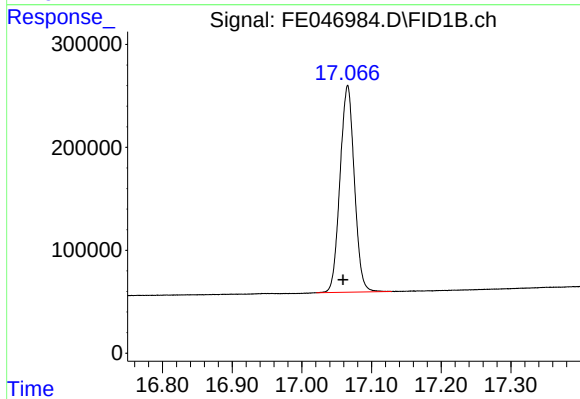
#14 n-Tetracosane (C24)

R.T.: 15.093 min
Delta R.T.: 0.004 min
Response: 2950065
Conc: 20.66 ug/ml



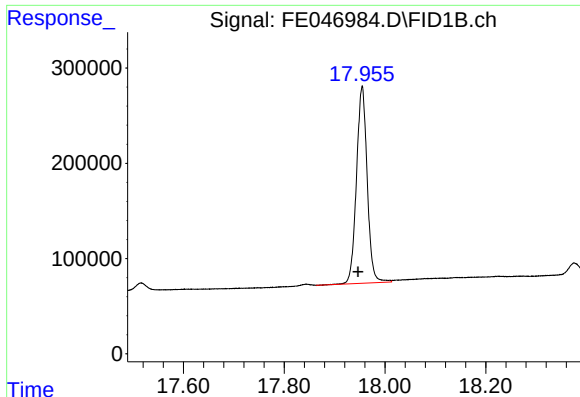
#15 n-Hexacosane (C26)

R.T.: 16.115 min
Delta R.T.: 0.006 min
Response: 2899920
Conc: 20.75 ug/ml



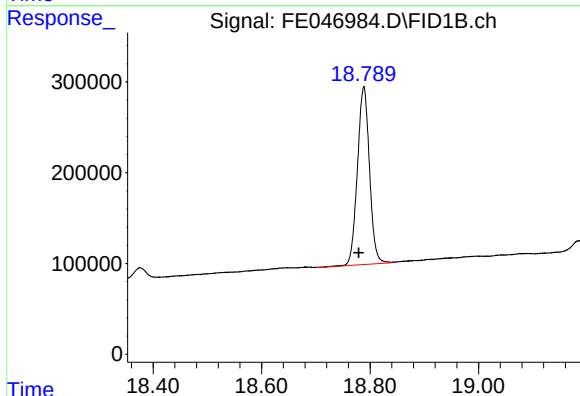
#16 n-Octacosane (C28)

R.T.: 17.066 min
Delta R.T.: 0.007 min
Response: 2874870
Conc: 21.10 ug/ml



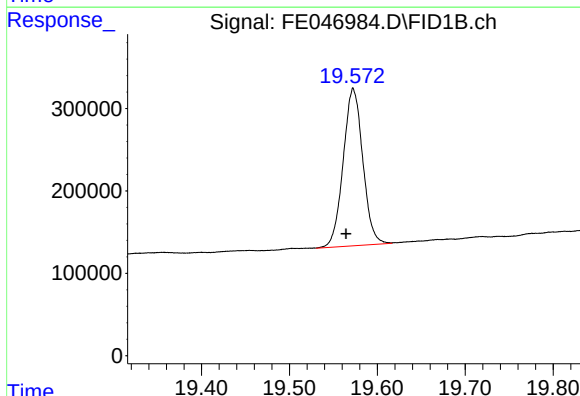
#17 n-Tricontane (C30)

R.T.: 17.955 min
Delta R.T.: 0.008 min
Response: 3063119
Conc: 21.96 ug/ml



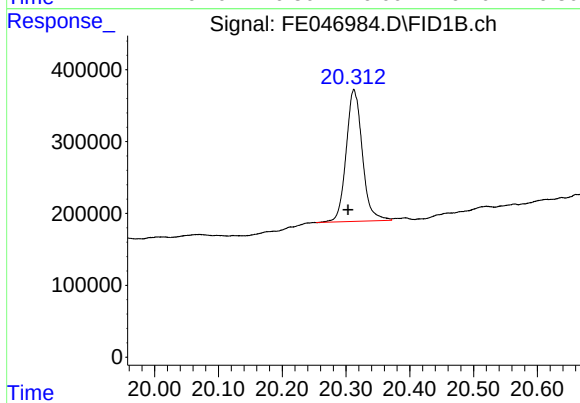
#18 n-Dotriacontane (C32)

R.T.: 18.789 min
Delta R.T.: 0.009 min
Response: 3026675
Conc: 22.00 ug/ml



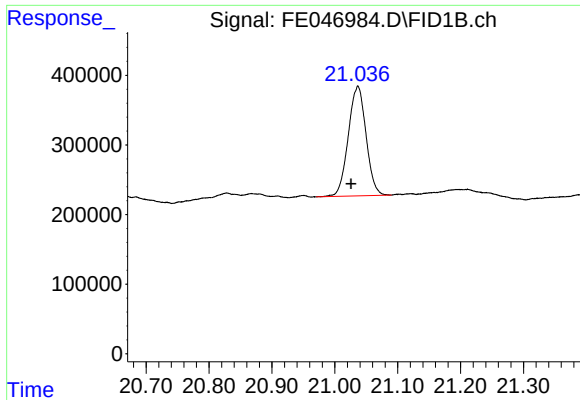
#19 n-Tetratriacontane (C34)

R.T.: 19.572 min
Delta R.T.: 0.007 min
Response: 2956403
Conc: 22.01 ug/ml m



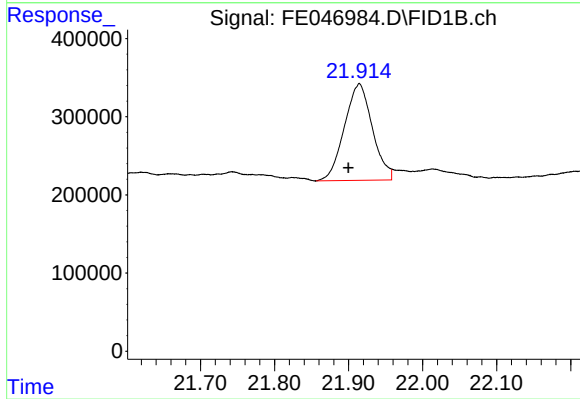
#20 n-Hexatriacontane (C36)

R.T.: 20.312 min
Delta R.T.: 0.009 min
Response: 3229118
Conc: 24.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.037 min
Delta R.T.: 0.011 min
Response: 3089980
Conc: 22.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.914 min
Delta R.T.: 0.014 min
Response: 3244792
Conc: 23.00 ug/ml m