

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE013024AL\
 Data File : FE046459.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jan 2024 10:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 31 01:56:48 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)	11.820	3643948	19.707 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
12) S 1-chlorooctadecane (S...	13.261	2750523	19.332 ug/ml
Spiked Amount 50.000		Recovery =	38.66%
Target Compounds			
1) T n-Nonane (C9)	3.209	3317393	20.538 ug/ml
2) T n-Decane (C10)	4.459	3402647	20.762 ug/ml
3) T A~Naphthalene (C11.7)	6.163	3557546	20.805 ug/ml
4) T n-Dodecane (C12)	6.626	3445263	20.828 ug/ml
5) T A~2-methylnaphthalene...	7.259	3348855	20.997 ug/ml
6) T n-Tetradecane (C14)	8.452	3370948	20.568 ug/ml
7) T n-Hexadecane (C16)	10.061	3451464	20.198 ug/ml
8) T n-Octadecane (C18)	11.506	3464302	19.871 ug/ml
10) T n-Eicosane (C20)	12.816	3317208	19.538 ug/ml
11) T n-Heneicosane (C21)	13.428	3248899	19.479 ug/ml
13) T n-Docosane (C22)	14.016	3219474	19.433 ug/ml
14) T n-Tetracosane (C24)	15.121	3180920	19.278 ug/ml
15) T n-Hexacosane (C26)	16.143	3106388	19.246 ug/ml
16) T n-Octacosane (C28)	17.094	3030314	19.304 ug/ml
17) T n-Tricontane (C30)	17.983	3047449	19.456 ug/ml
18) T n-Dotriacontane (C32)	18.819	2952428	19.532 ug/ml
19) T n-Tetratriacontane (C34)	19.603	2782256	19.616 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2573056	18.667 ug/ml
21) T n-Octatriacontane (C38)	21.073	2511890	19.594 ug/ml
22) T n-Tetracontane (C40)	21.963	2389304	19.109 ug/ml

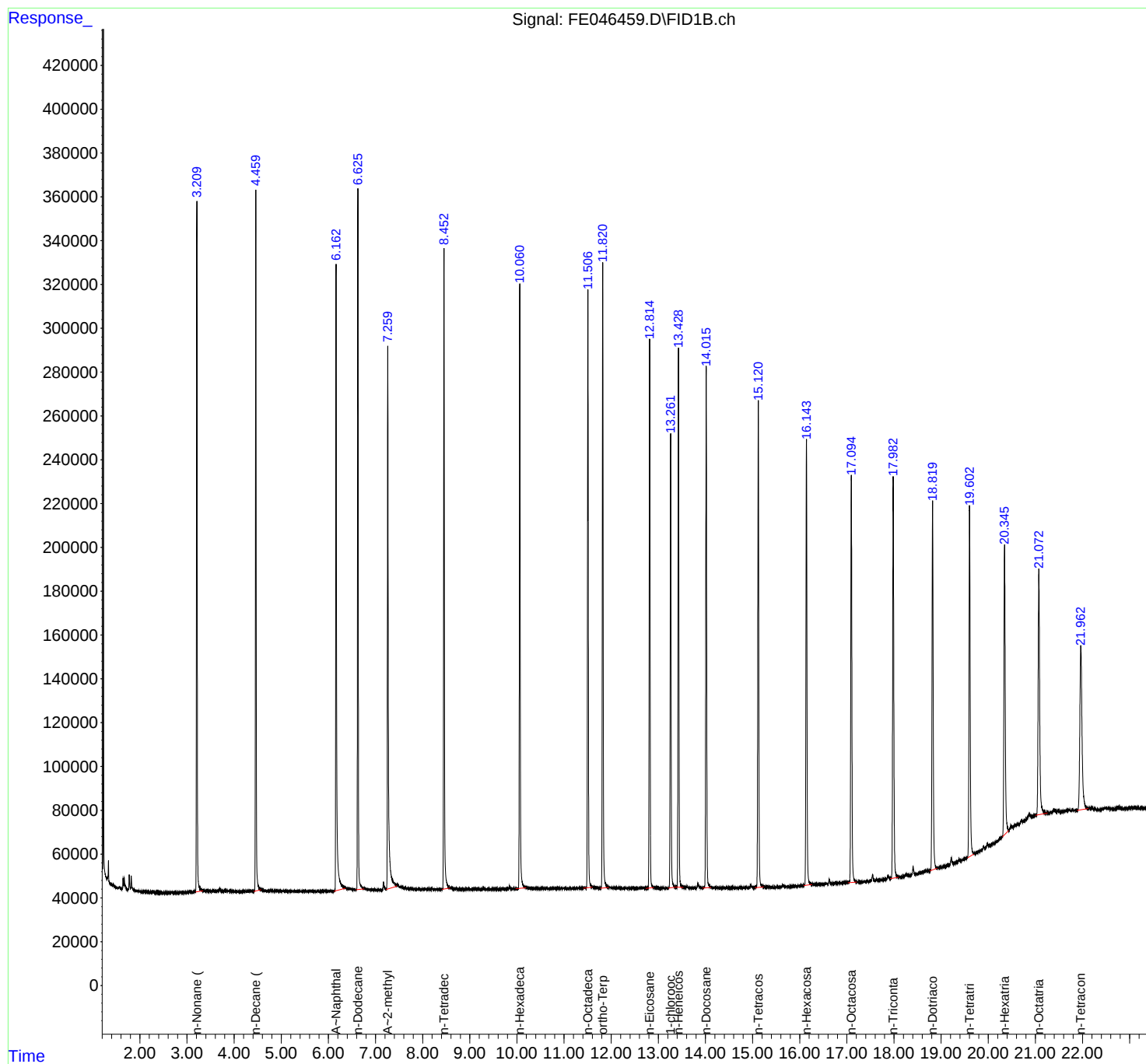
(f)=RT Delta > 1/2 Window

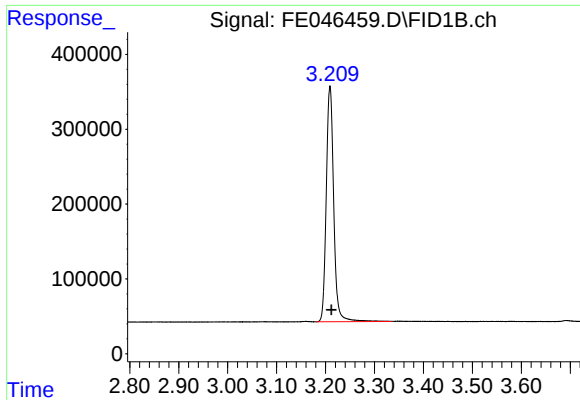
(m)=manual int.

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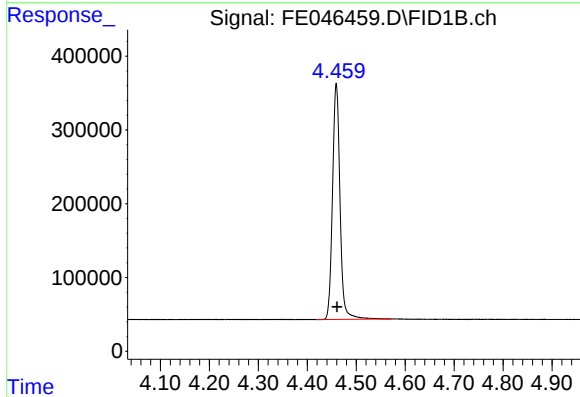
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





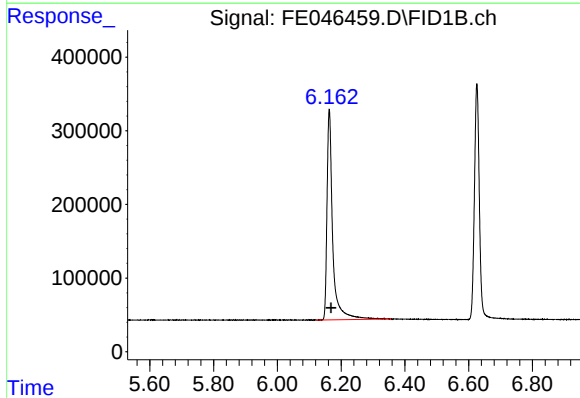
#1 n-Nonane (C9)

R.T.: 3.209 min
Delta R.T.: -0.003 min
Response: 3317393
Conc: 20.54 ug/ml



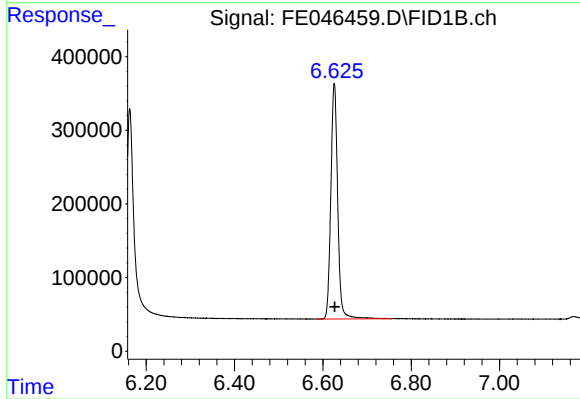
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.001 min
Response: 3402647
Conc: 20.76 ug/ml



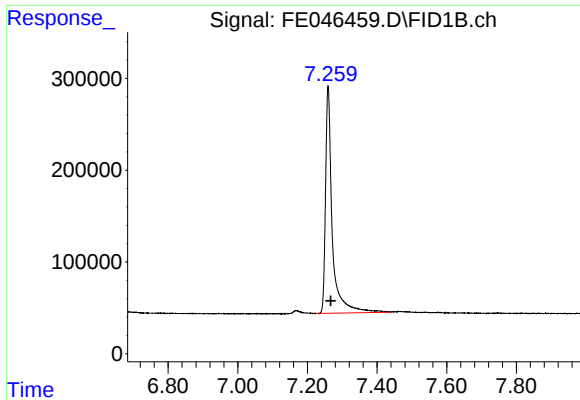
#3 A~Naphthalene (C11.7)

R.T.: 6.163 min
Delta R.T.: -0.006 min
Response: 3557546
Conc: 20.80 ug/ml



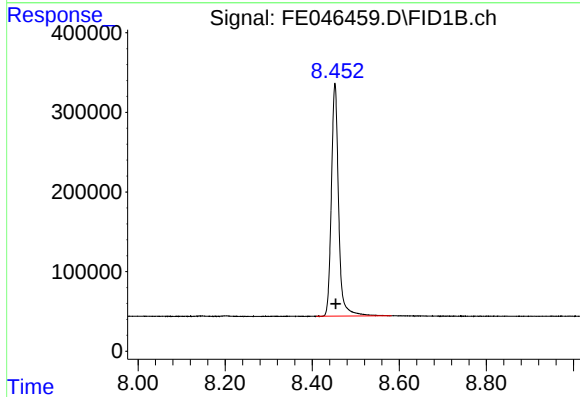
#4 n-Dodecane (C12)

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 3445263
Conc: 20.83 ug/ml



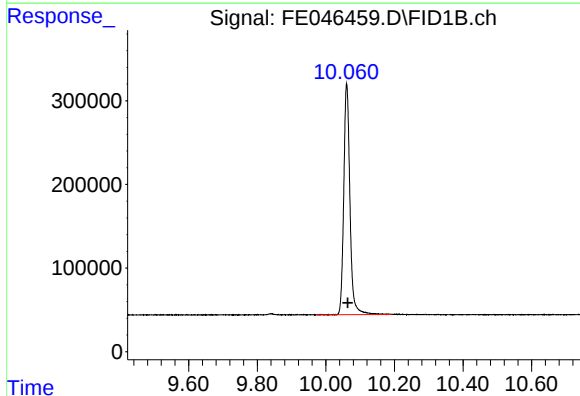
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.008 min
Response: 3348855
Conc: 21.00 ug/ml



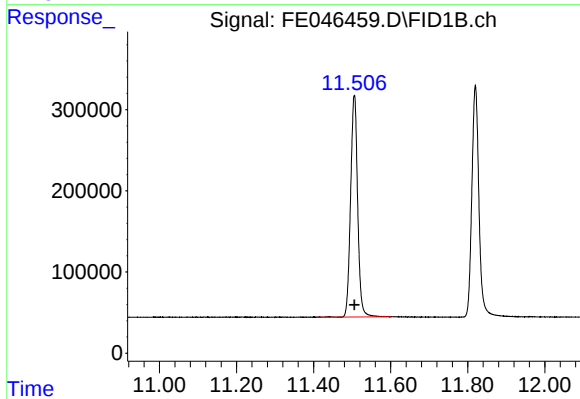
#6 n-Tetradecane (C14)

R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 3370948
Conc: 20.57 ug/ml



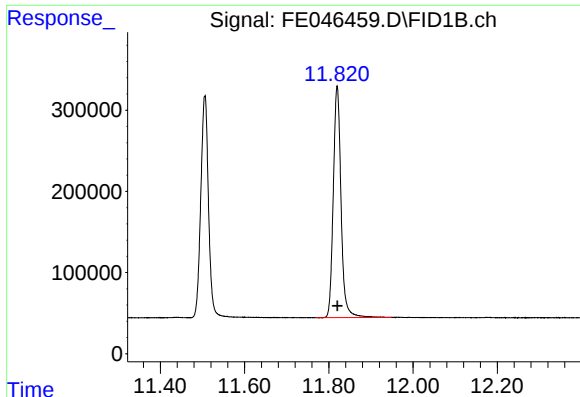
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.003 min
Response: 3451464
Conc: 20.20 ug/ml



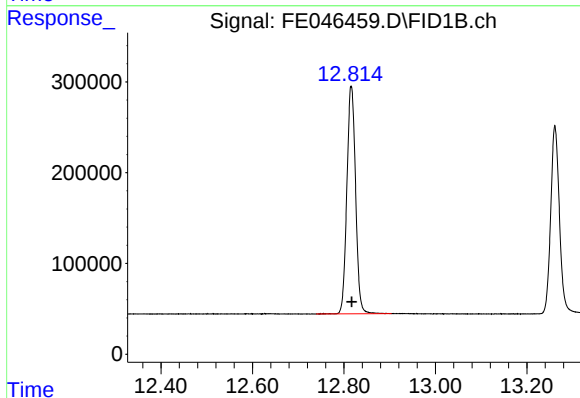
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: 0.000 min
Response: 3464302
Conc: 19.87 ug/ml



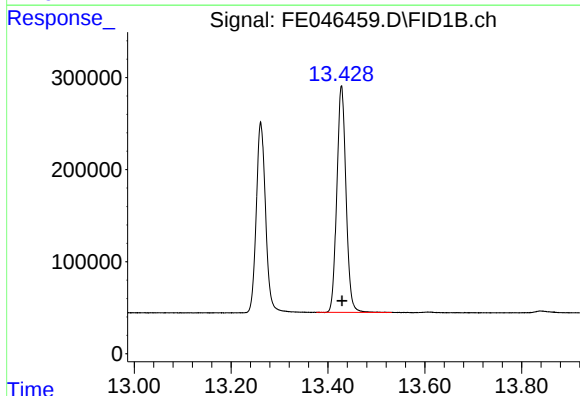
#9 ortho-Terphenyl (SURR)

R.T.: 11.820 min
Delta R.T.: 0.000 min
Response: 3643948
Conc: 19.71 ug/ml



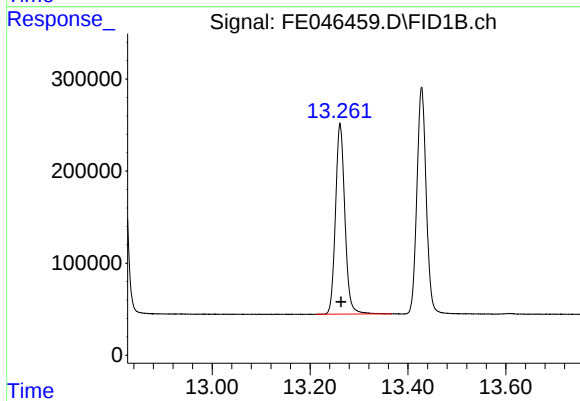
#10 n-Eicosane (C20)

R.T.: 12.816 min
Delta R.T.: -0.001 min
Response: 3317208
Conc: 19.54 ug/ml



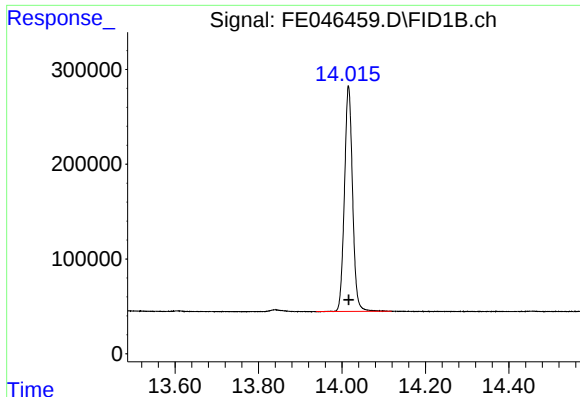
#11 n-Heneicosane (C21)

R.T.: 13.428 min
Delta R.T.: -0.001 min
Response: 3248899
Conc: 19.48 ug/ml



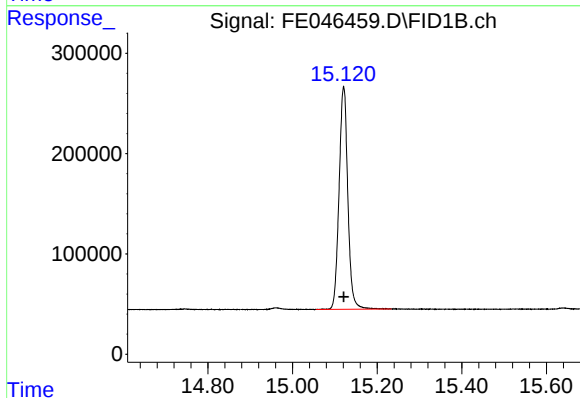
#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.002 min
Response: 2750523
Conc: 19.33 ug/ml



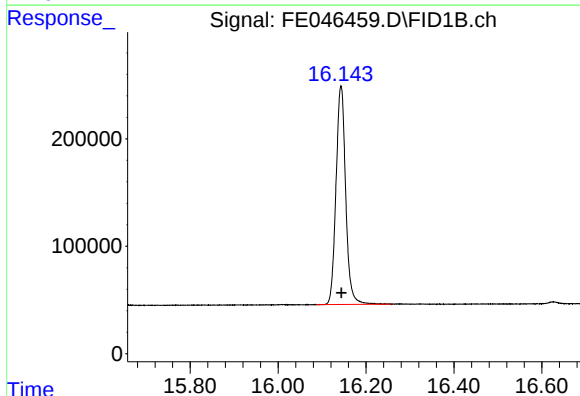
#13 n-Docosane (C22)

R.T.: 14.016 min
Delta R.T.: 0.000 min
Response: 3219474
Conc: 19.43 ug/ml



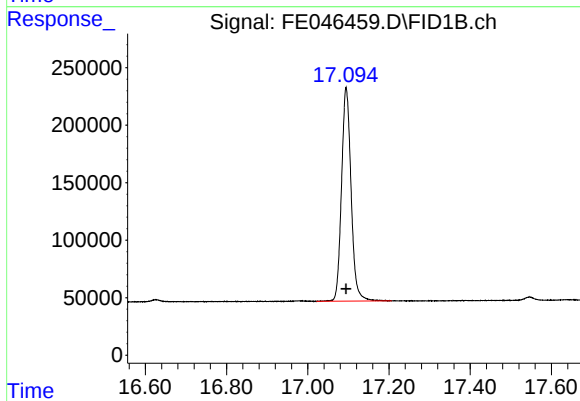
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 3180920
Conc: 19.28 ug/ml



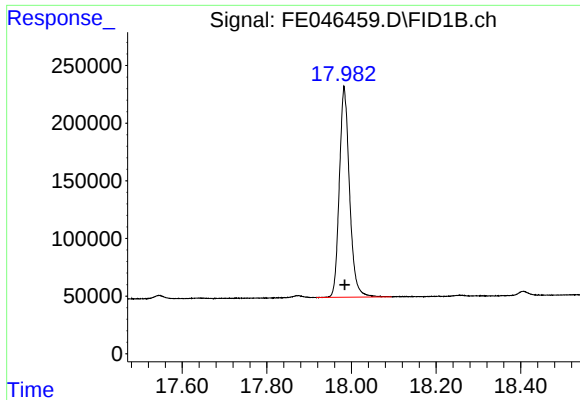
#15 n-Hexacosane (C26)

R.T.: 16.143 min
Delta R.T.: 0.000 min
Response: 3106388
Conc: 19.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.094 min
Delta R.T.: 0.000 min
Response: 3030314
Conc: 19.30 ug/ml



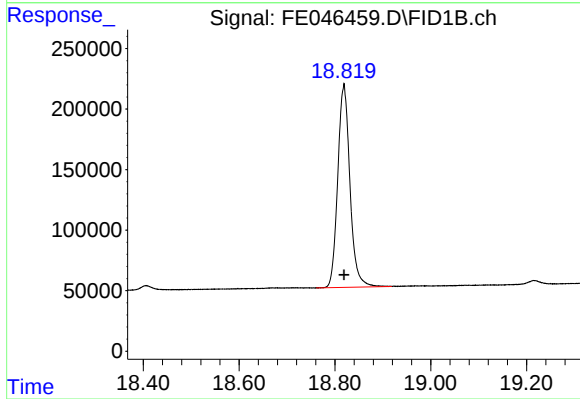
#17 n-Tricontane (C30)

R.T.: 17.983 min

Delta R.T.: -0.001 min

Response: 3047449

Conc: 19.46 ug/ml



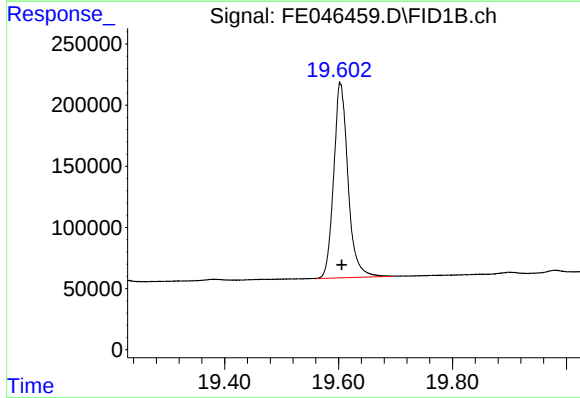
#18 n-Dotriacontane (C32)

R.T.: 18.819 min

Delta R.T.: 0.000 min

Response: 2952428

Conc: 19.53 ug/ml



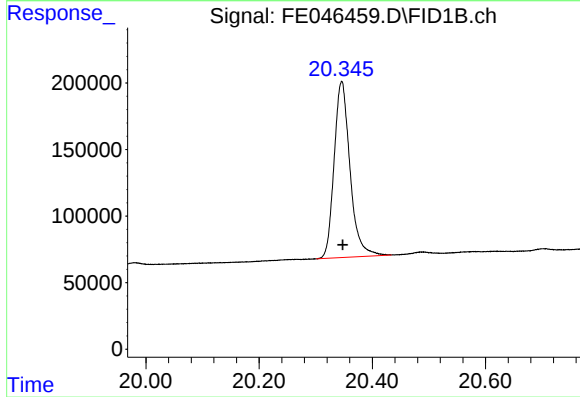
#19 n-Tetratriacontane (C34)

R.T.: 19.603 min

Delta R.T.: -0.003 min

Response: 2782256

Conc: 19.62 ug/ml



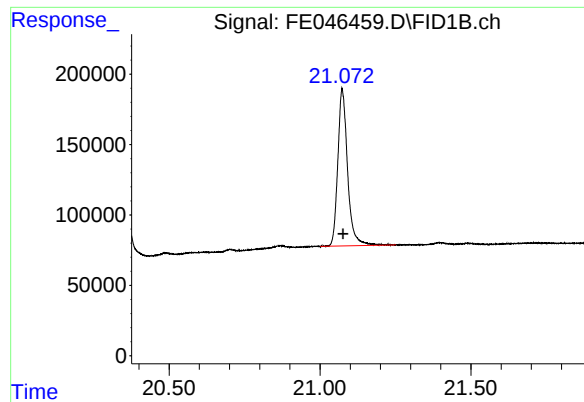
#20 n-Hexatriacontane (C36)

R.T.: 20.346 min

Delta R.T.: -0.002 min

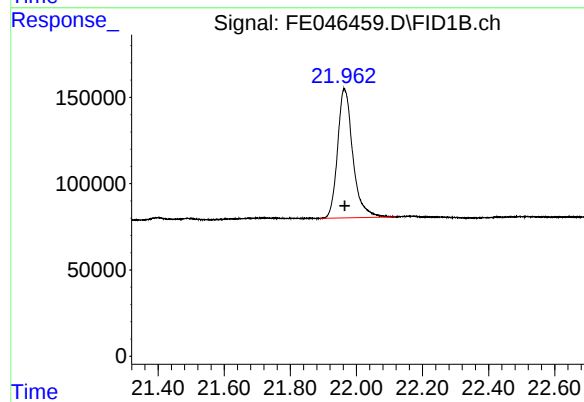
Response: 2573056

Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.003 min
Response: 2511890
Conc: 19.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.002 min
Response: 2389304
Conc: 19.11 ug/ml