

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101323AL\
 Data File : FE044838.D
 Signal(s) : FID1B.ch
 Acq On : 13 Oct 2023 12:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 13:36:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101123.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.907	3737729	18.645 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
12) S 1-chlorooctadecane (S...	13.349	2752445	18.599 ug/ml
Spiked Amount 50.000		Recovery =	37.20%
Target Compounds			
1) T n-Nonane (C9)	3.291	3022907	18.020 ug/ml
2) T n-Decane (C10)	4.542	3151677	18.501 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3441911	18.593 ug/ml
4) T n-Dodecane (C12)	6.708	3190928	18.485 ug/ml
5) T A~2-methylnaphthalene...	7.339	3356777	18.608 ug/ml
6) T n-Tetradecane (C14)	8.535	3164835	18.456 ug/ml
7) T n-Hexadecane (C16)	10.146	3230439	18.473 ug/ml
8) T n-Octadecane (C18)	11.592	3237971	18.565 ug/ml
10) T n-Eicosane (C20)	12.904	3114339	18.645 ug/ml
11) T n-Heneicosane (C21)	13.517	3036728	18.629 ug/ml
13) T n-Docosane (C22)	14.103	3004415	18.783 ug/ml
14) T n-Tetracosane (C24)	15.208	2960212	19.074 ug/ml
15) T n-Hexacosane (C26)	16.231	2884105	19.210 ug/ml
16) T n-Octacosane (C28)	17.182	2905357	19.785 ug/ml
17) T n-Tricontane (C30)	18.072	3068661	20.633 ug/ml
18) T n-Dotriacontane (C32)	18.906	3189774	21.252 ug/ml
19) T n-Tetratriacontane (C34)	19.690	3066853	20.602 ug/ml
20) T n-Hexatriacontane (C36)	20.433	3049342	19.834 ug/mlm
21) T n-Octatriacontane (C38)	21.173	3043604	19.484 ug/mlm
22) T n-Tetracontane (C40)	22.091	3115725	18.643 ug/ml

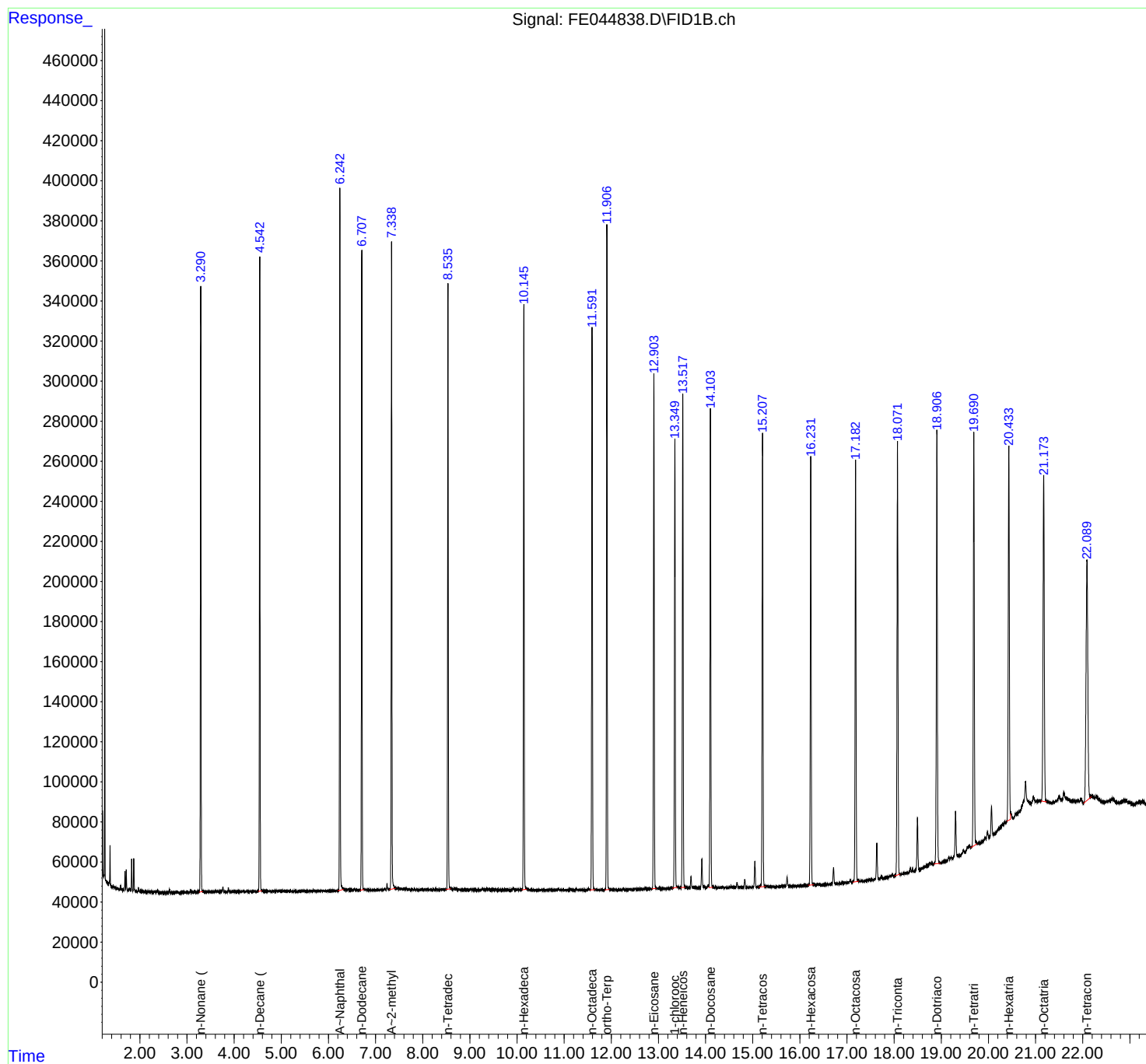
(f)=RT Delta > 1/2 Window

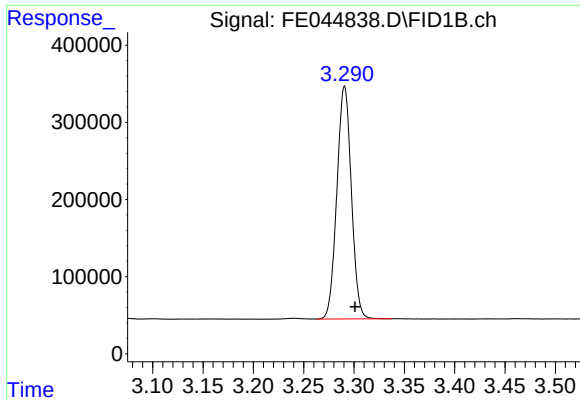
(m)=manual int.

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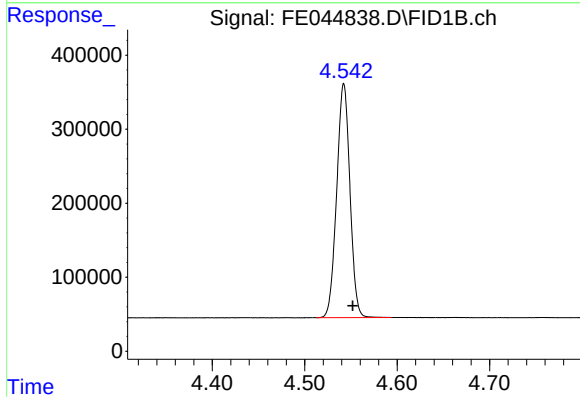
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





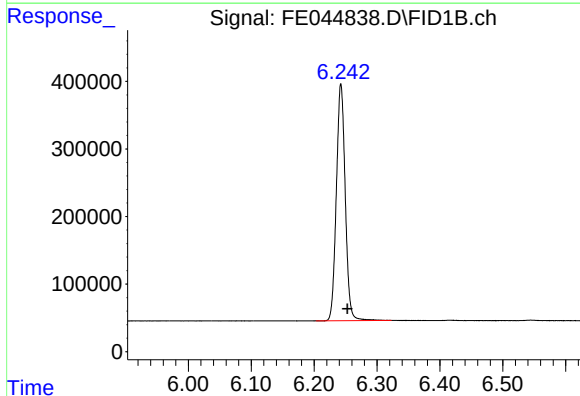
#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.010 min
Response: 3022907
Conc: 18.02 ug/ml



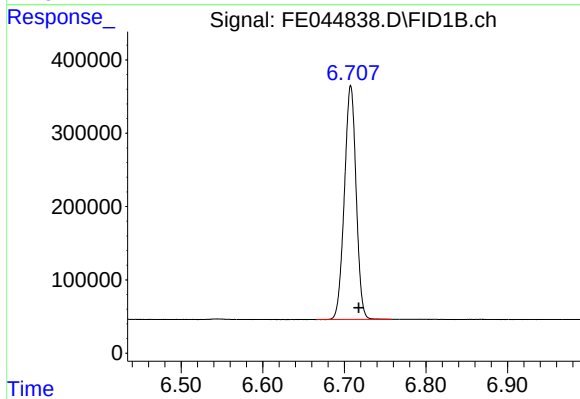
#2 n-Decane (C10)

R.T.: 4.542 min
Delta R.T.: -0.010 min
Response: 3151677
Conc: 18.50 ug/ml



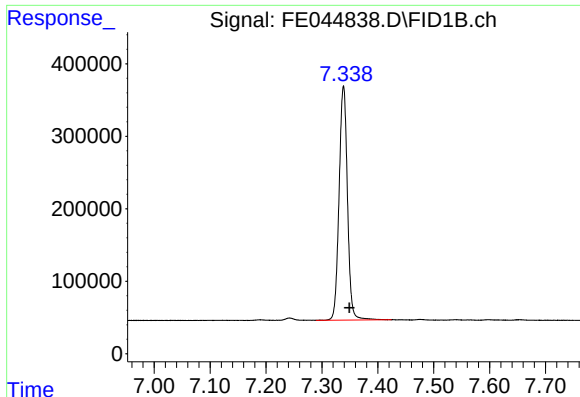
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.010 min
Response: 3441911
Conc: 18.59 ug/ml



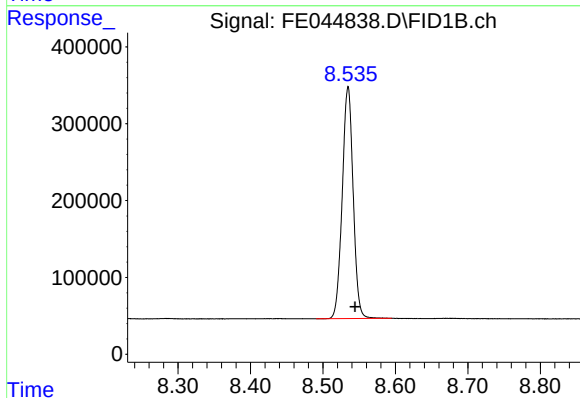
#4 n-Dodecane (C12)

R.T.: 6.708 min
Delta R.T.: -0.010 min
Response: 3190928
Conc: 18.49 ug/ml



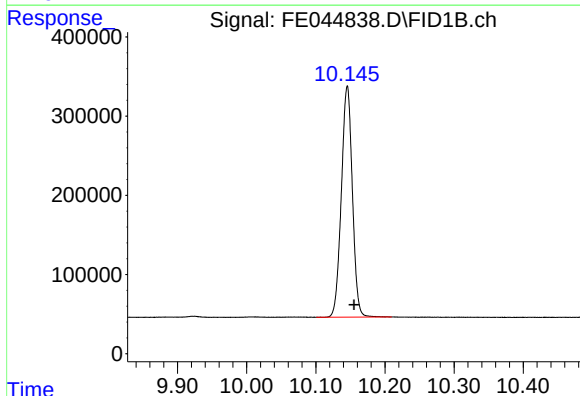
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.339 min
Delta R.T.: -0.010 min
Response: 3356777
Conc: 18.61 ug/ml



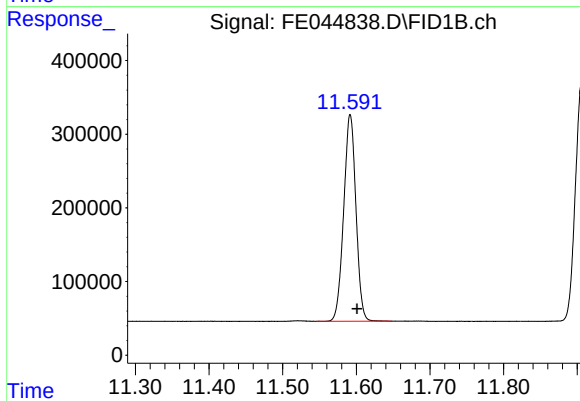
#6 n-Tetradecane (C14)

R.T.: 8.535 min
Delta R.T.: -0.010 min
Response: 3164835
Conc: 18.46 ug/ml



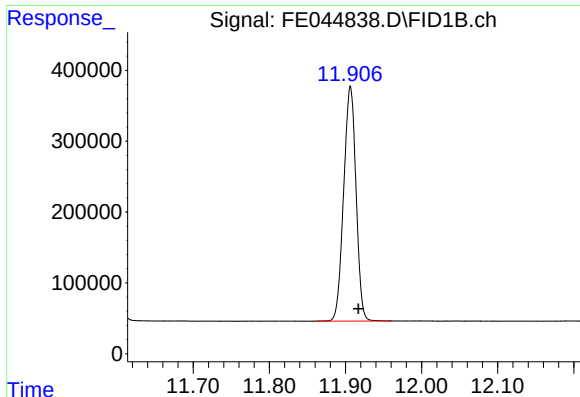
#7 n-Hexadecane (C16)

R.T.: 10.146 min
Delta R.T.: -0.010 min
Response: 3230439
Conc: 18.47 ug/ml



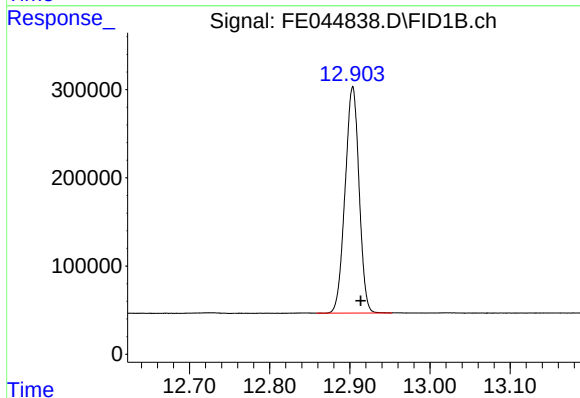
#8 n-Octadecane (C18)

R.T.: 11.592 min
Delta R.T.: -0.009 min
Response: 3237971
Conc: 18.56 ug/ml



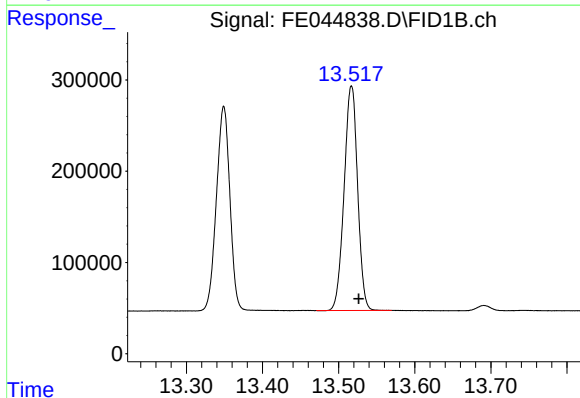
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.010 min
Response: 3737729
Conc: 18.65 ug/ml



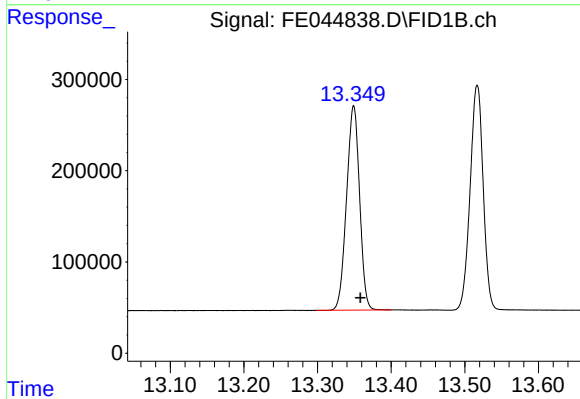
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.010 min
Response: 3114339
Conc: 18.65 ug/ml



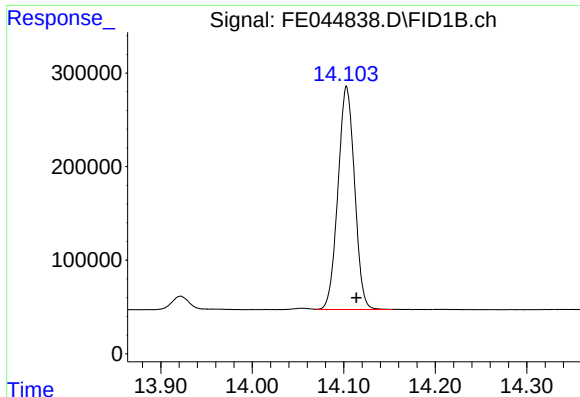
#11 n-Heneicosane (C21)

R.T.: 13.517 min
Delta R.T.: -0.010 min
Response: 3036728
Conc: 18.63 ug/ml



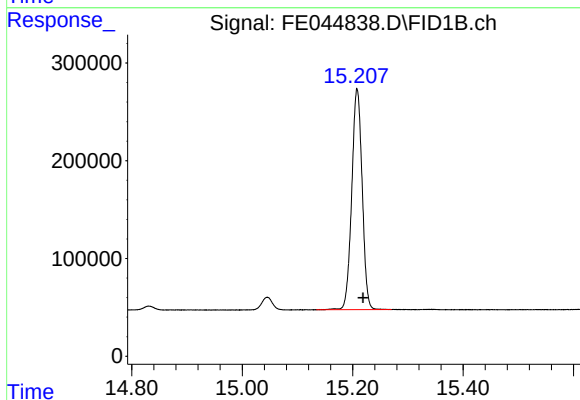
#12 1-chlorooctadecane (SURR)

R.T.: 13.349 min
Delta R.T.: -0.009 min
Response: 2752445
Conc: 18.60 ug/ml



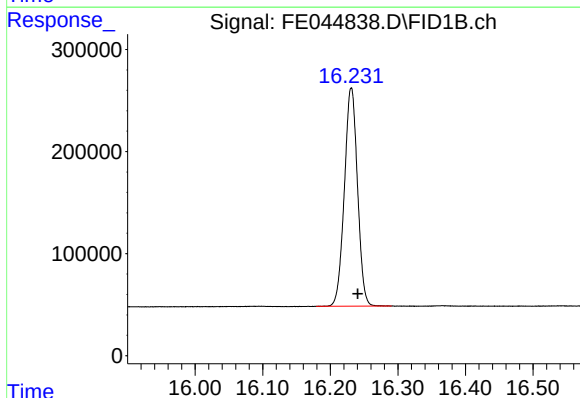
#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 3004415
Conc: 18.78 ug/ml



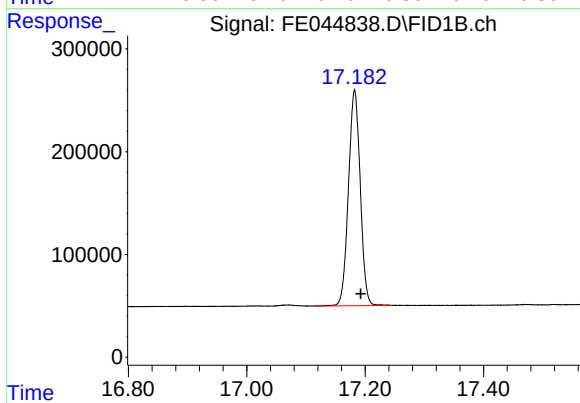
#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.011 min
Response: 2960212
Conc: 19.07 ug/ml



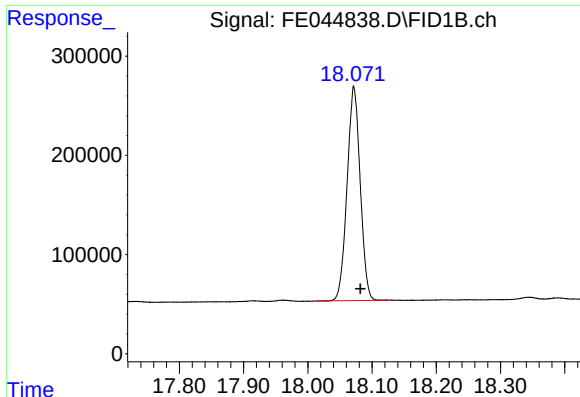
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: -0.009 min
Response: 2884105
Conc: 19.21 ug/ml



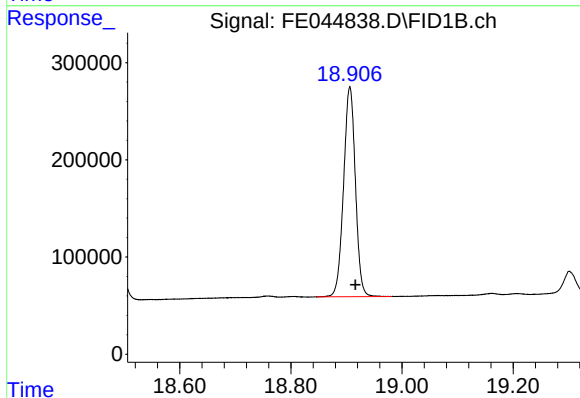
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 2905357
Conc: 19.79 ug/ml



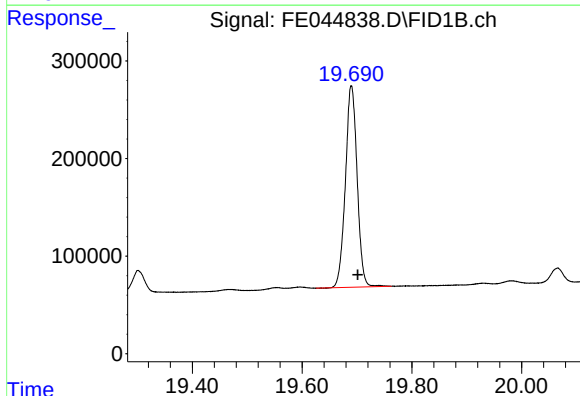
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.010 min
Response: 3068661
Conc: 20.63 ug/ml



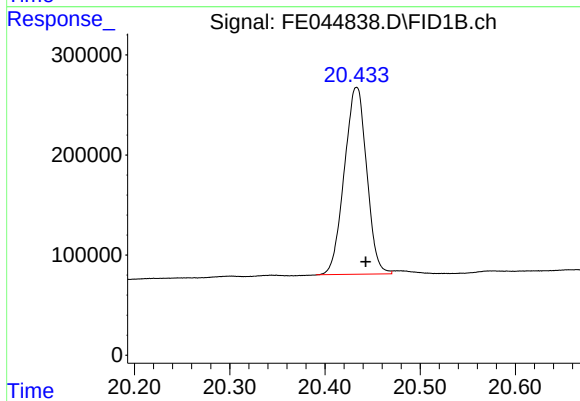
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.010 min
Response: 3189774
Conc: 21.25 ug/ml



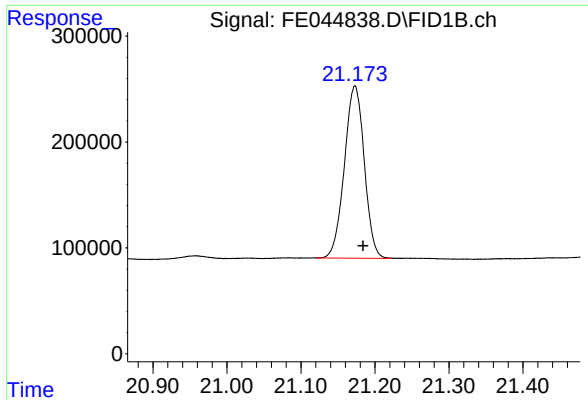
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.012 min
Response: 3066853
Conc: 20.60 ug/ml



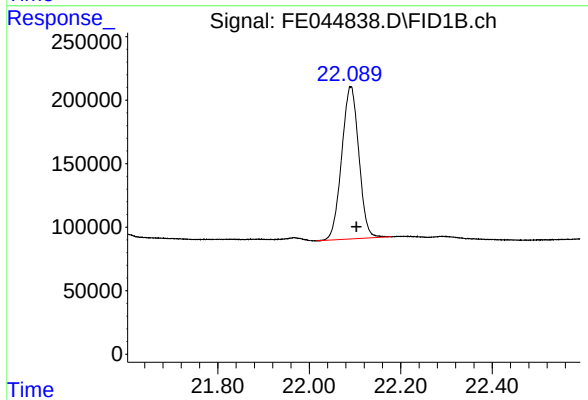
#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: -0.009 min
Response: 3049342
Conc: 19.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.173 min
Delta R.T.: -0.011 min
Response: 3043604
Conc: 19.48 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.091 min
Delta R.T.: -0.013 min
Response: 3115725
Conc: 18.64 ug/ml