

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041124AL\
 Data File : FE047563.D
 Signal(s) : FID1B.ch
 Acq On : 11 Apr 2024 08:54
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 12 01:19:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 02 05:28:28 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)	11.994	3728469	21.496 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
12) S 1-chlorooctadecane (S...	13.428	2894241	21.519 ug/ml
Spiked Amount 50.000		Recovery =	43.04%
Target Compounds			
1) T n-Nonane (C9)	3.367	3400769	21.737 ug/ml
2) T n-Decane (C10)	4.620	3482234	21.667 ug/ml
3) T A~Naphthalene (C11.7)	6.331	3684540	21.731 ug/ml
4) T n-Dodecane (C12)	6.787	3496263	21.541 ug/ml
5) T A~2-methylnaphthalene...	7.428	3564435	21.705 ug/ml
6) T n-Tetradecane (C14)	8.617	3456390	21.485 ug/ml
7) T n-Hexadecane (C16)	10.226	3566991	21.478 ug/ml
8) T n-Octadecane (C18)	11.670	3599075	21.462 ug/ml
10) T n-Eicosane (C20)	12.981	3464621	21.386 ug/ml
11) T n-Heneicosane (C21)	13.593	3405257	21.461 ug/ml
13) T n-Docosane (C22)	14.180	3407078	21.230 ug/ml
14) T n-Tetracosane (C24)	15.282	3436219	20.817 ug/ml
15) T n-Hexacosane (C26)	16.304	3408079	20.618 ug/ml
16) T n-Octacosane (C28)	17.254	3399778	20.516 ug/mlm
17) T n-Tricontane (C30)	18.140	3500425	20.618 ug/mlm
18) T n-Dotriacontane (C32)	18.973	3520462	21.112 ug/ml
19) T n-Tetratriacontane (C34)	19.757	3568531	22.250 ug/ml
20) T n-Hexatriacontane (C36)	20.497	3736303	23.425 ug/ml
21) T n-Octatriacontane (C38)	21.245	3968079	24.415 ug/mlm
22) T n-Tetracontane (C40)	22.182	3431234	20.957 ug/mlm

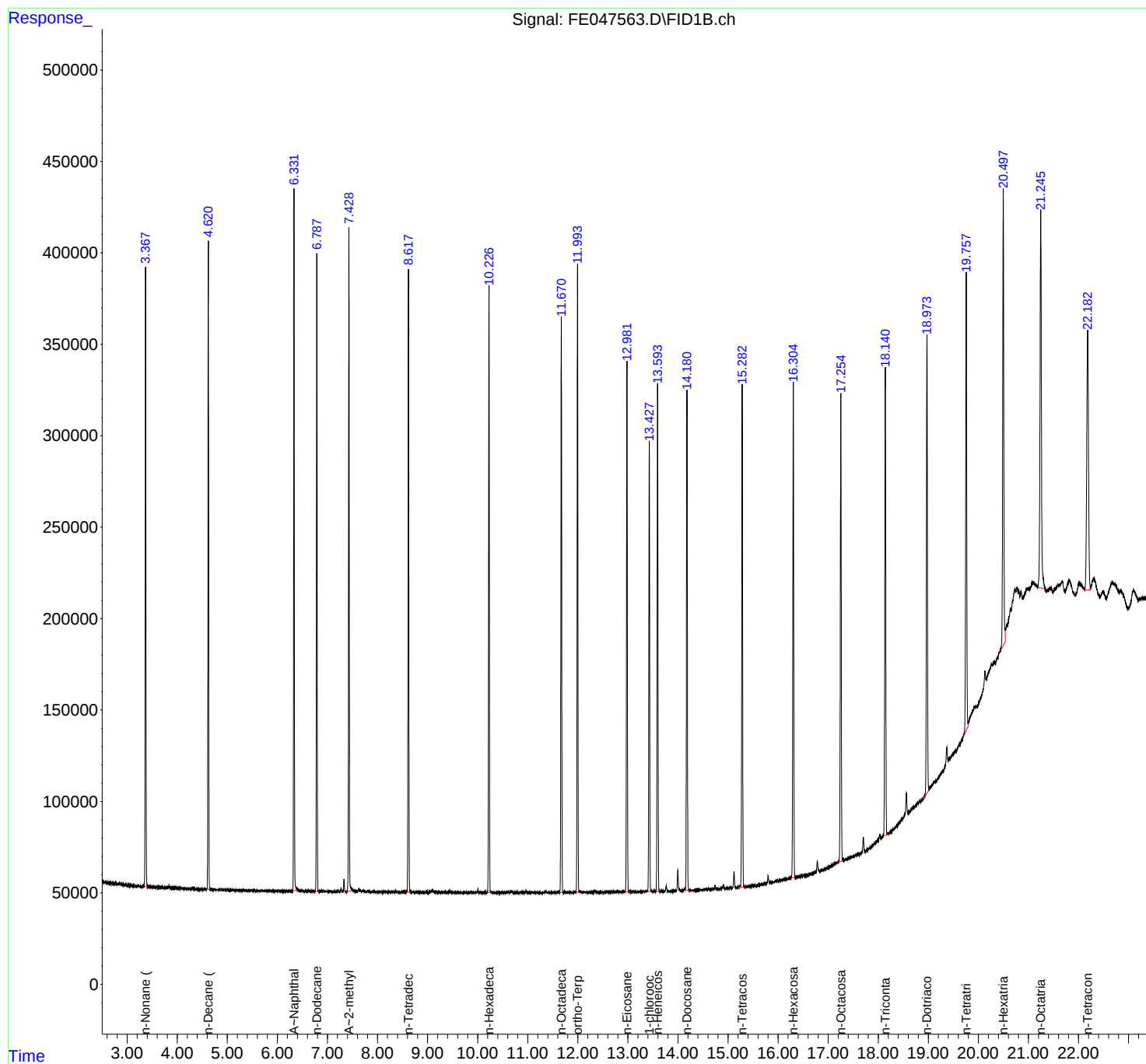
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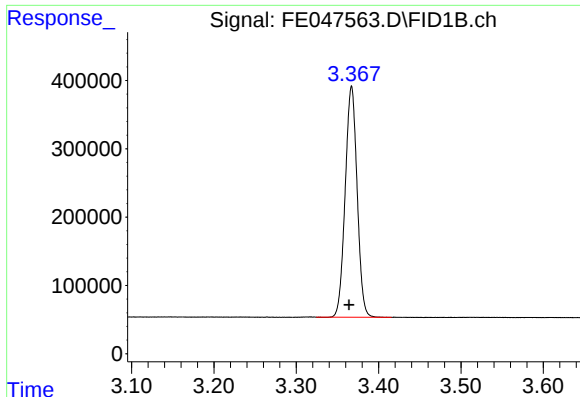
(m)=manual int.

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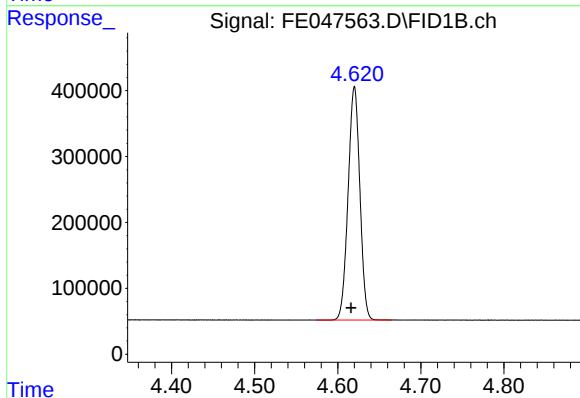
Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





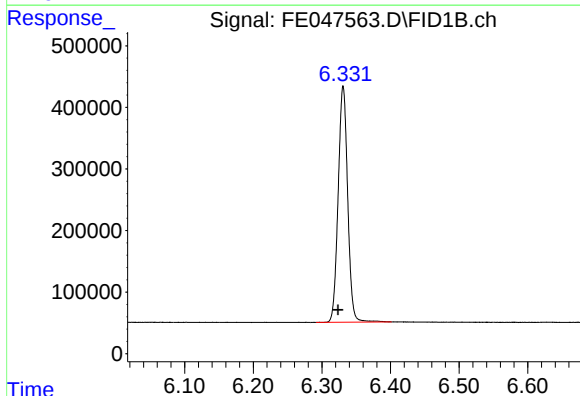
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: 0.003 min
Response: 3400769
Conc: 21.74 ug/ml



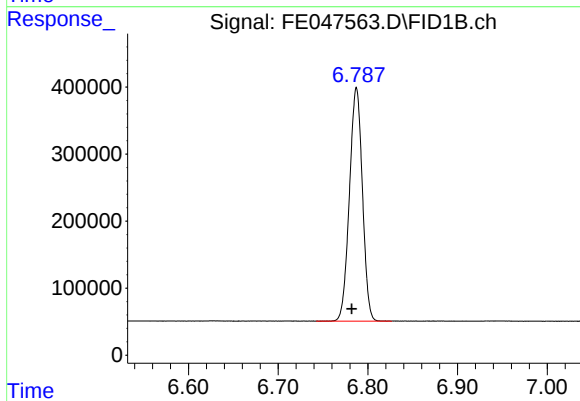
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: 0.004 min
Response: 3482234
Conc: 21.67 ug/ml



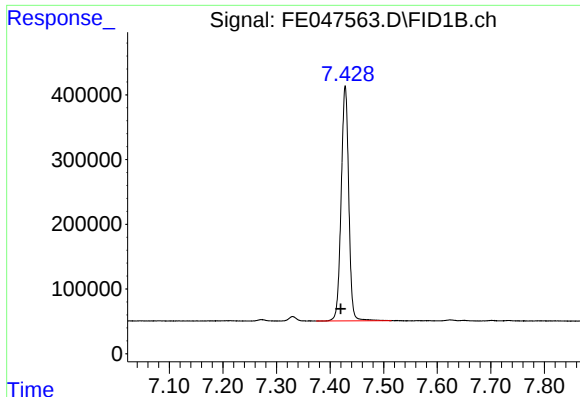
#3 A~Naphthalene (C11.7)

R.T.: 6.331 min
Delta R.T.: 0.008 min
Response: 3684540
Conc: 21.73 ug/ml



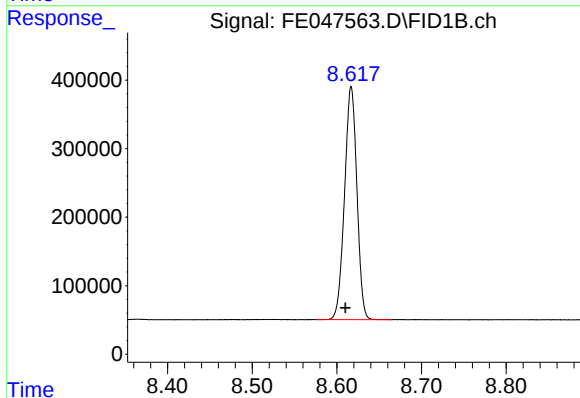
#4 n-Dodecane (C12)

R.T.: 6.787 min
Delta R.T.: 0.005 min
Response: 3496263
Conc: 21.54 ug/ml



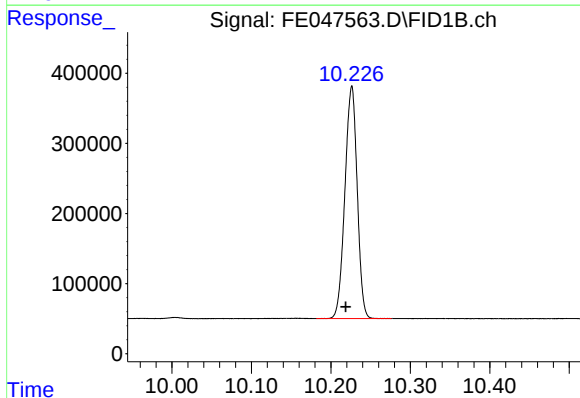
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.428 min
Delta R.T.: 0.009 min
Response: 3564435
Conc: 21.70 ug/ml



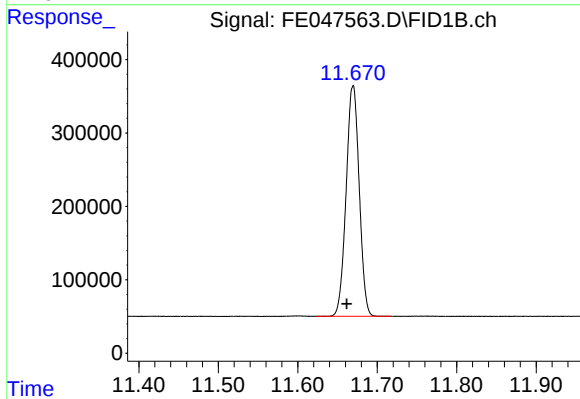
#6 n-Tetradecane (C14)

R.T.: 8.617 min
Delta R.T.: 0.007 min
Response: 3456390
Conc: 21.49 ug/ml



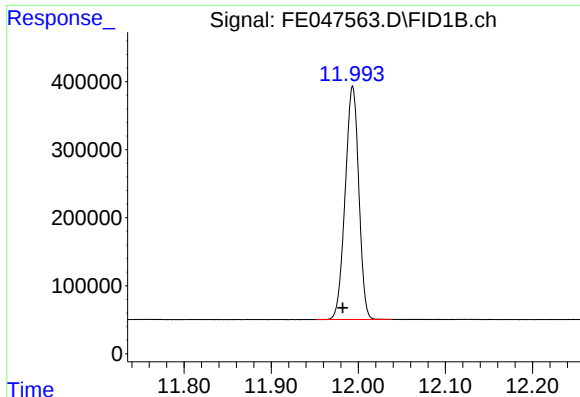
#7 n-Hexadecane (C16)

R.T.: 10.226 min
Delta R.T.: 0.008 min
Response: 3566991
Conc: 21.48 ug/ml



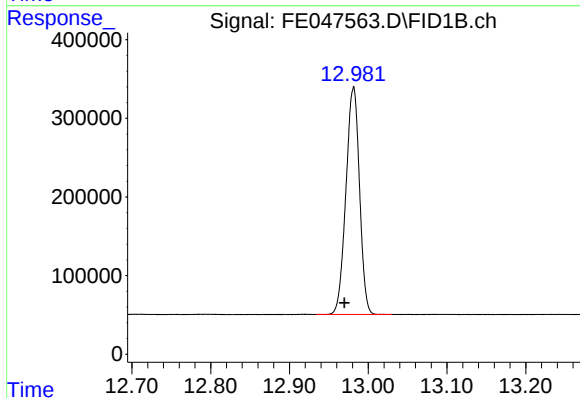
#8 n-Octadecane (C18)

R.T.: 11.670 min
Delta R.T.: 0.008 min
Response: 3599075
Conc: 21.46 ug/ml



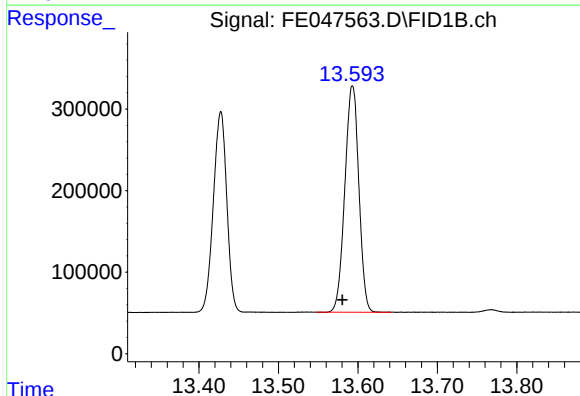
#9 ortho-Terphenyl (SURR)

R.T.: 11.994 min
Delta R.T.: 0.012 min
Response: 3728469
Conc: 21.50 ug/ml



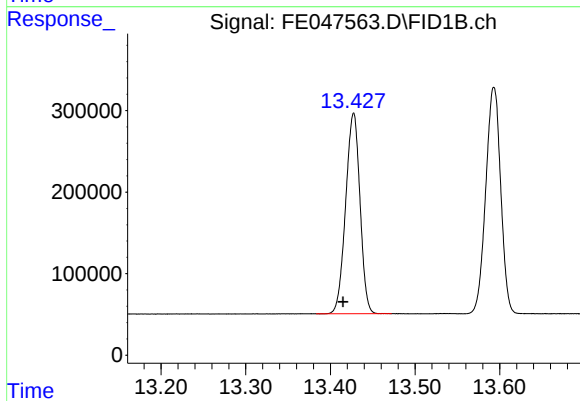
#10 n-Eicosane (C20)

R.T.: 12.981 min
Delta R.T.: 0.012 min
Response: 3464621
Conc: 21.39 ug/ml



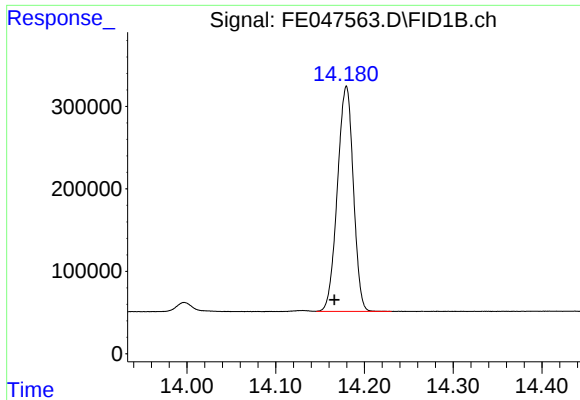
#11 n-Heneicosane (C21)

R.T.: 13.593 min
Delta R.T.: 0.013 min
Response: 3405257
Conc: 21.46 ug/ml



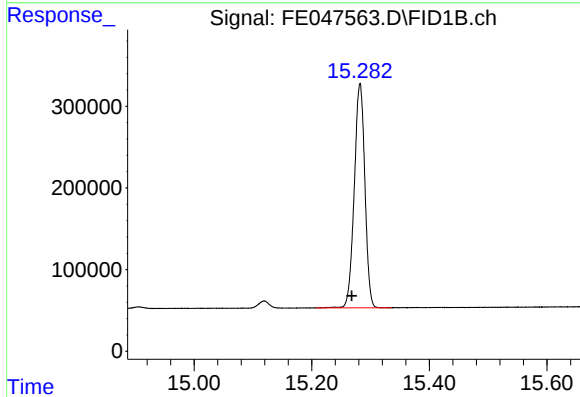
#12 1-chlorooctadecane (SURR)

R.T.: 13.428 min
Delta R.T.: 0.012 min
Response: 2894241
Conc: 21.52 ug/ml



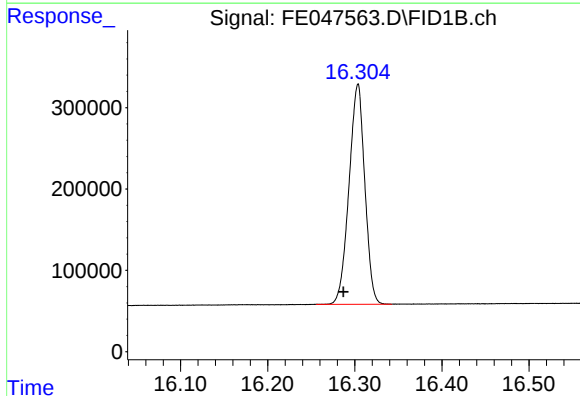
#13 n-Docosane (C22)

R.T.: 14.180 min
Delta R.T.: 0.014 min
Response: 3407078
Conc: 21.23 ug/ml



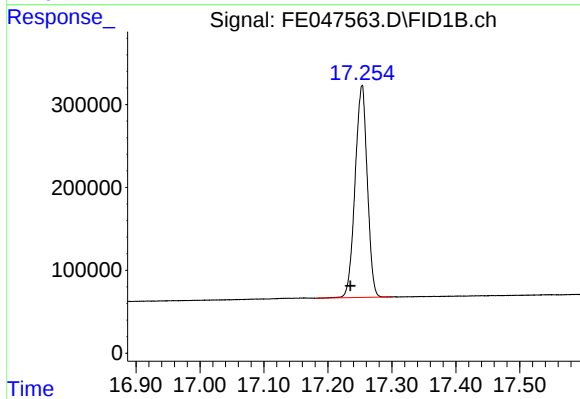
#14 n-Tetracosane (C24)

R.T.: 15.282 min
Delta R.T.: 0.014 min
Response: 3436219
Conc: 20.82 ug/ml



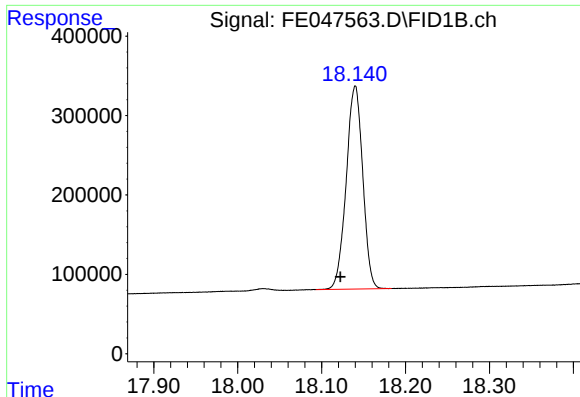
#15 n-Hexacosane (C26)

R.T.: 16.304 min
Delta R.T.: 0.017 min
Response: 3408079
Conc: 20.62 ug/ml



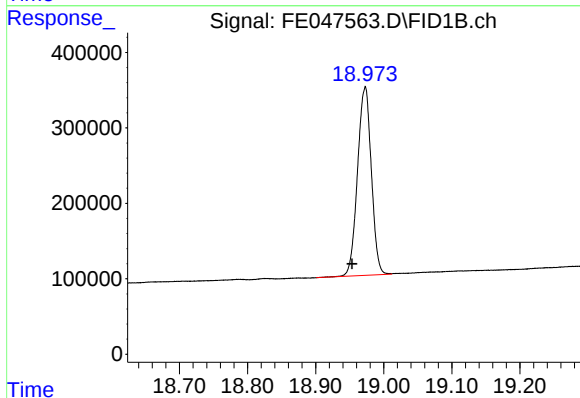
#16 n-Octacosane (C28)

R.T.: 17.254 min
Delta R.T.: 0.019 min
Response: 3399778
Conc: 20.52 ug/ml m



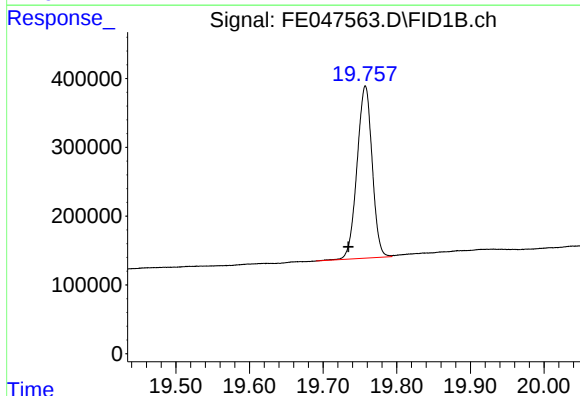
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.017 min
Response: 3500425
Conc: 20.62 ug/ml m



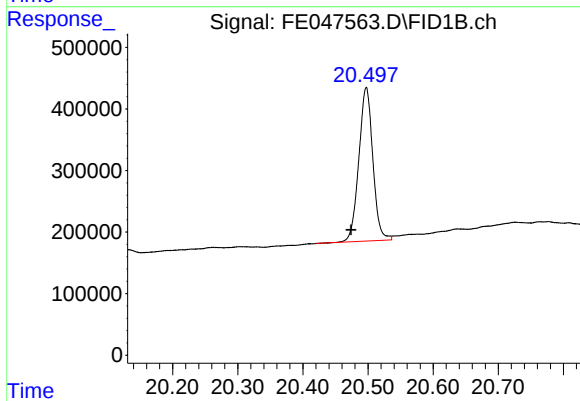
#18 n-Dotriacontane (C32)

R.T.: 18.973 min
Delta R.T.: 0.019 min
Response: 3520462
Conc: 21.11 ug/ml



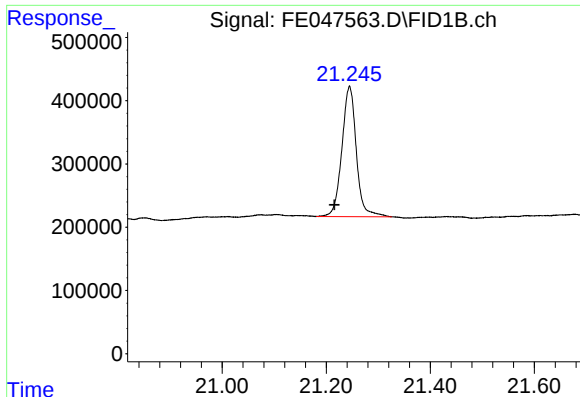
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: 0.023 min
Response: 3568531
Conc: 22.25 ug/ml



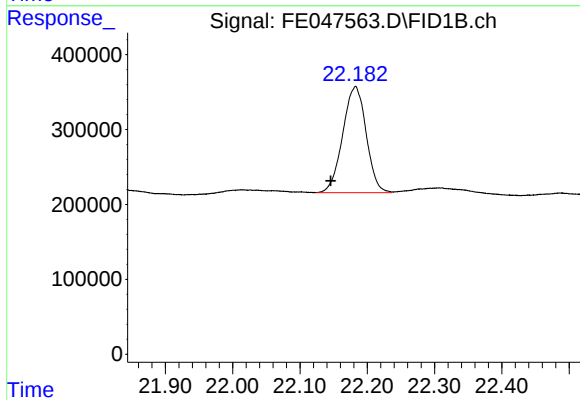
#20 n-Hexatriacontane (C36)

R.T.: 20.497 min
Delta R.T.: 0.023 min
Response: 3736303
Conc: 23.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.245 min
Delta R.T.: 0.029 min
Response: 3968079
Conc: 24.42 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.182 min
Delta R.T.: 0.036 min
Response: 3431234
Conc: 20.96 ug/ml m