

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040924AL\
 Data File : FE047543.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2024 20:27
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 10 01:19:02 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)	11.986	3385739	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
12) S 1-chlorooctadecane (S...	13.419	2625326	19.520 ug/ml
Spiked Amount 50.000		Recovery =	39.04%
Target Compounds			
1) T n-Nonane (C9)	3.364	3130219	20.008 ug/ml
2) T n-Decane (C10)	4.617	3191781	19.859 ug/ml
3) T A~Naphthalene (C11.7)	6.325	3354955	19.787 ug/ml
4) T n-Dodecane (C12)	6.783	3196860	19.696 ug/ml
5) T A~2-methylnaphthalene...	7.421	3232513	19.684 ug/ml
6) T n-Tetradecane (C14)	8.612	3157185	19.625 ug/ml
7) T n-Hexadecane (C16)	10.220	3251309	19.577 ug/ml
8) T n-Octadecane (C18)	11.664	3272189	19.512 ug/ml
10) T n-Eicosane (C20)	12.974	3145612	19.417 ug/ml
11) T n-Heneicosane (C21)	13.586	3093127	19.494 ug/ml
13) T n-Docosane (C22)	14.172	3074313	19.157 ug/ml
14) T n-Tetracosane (C24)	15.274	3071153	18.606 ug/ml
15) T n-Hexacosane (C26)	16.294	3034286	18.357 ug/ml
16) T n-Octacosane (C28)	17.243	3012642	18.179 ug/ml
17) T n-Tricontane (C30)	18.131	3155331	18.585 ug/ml
18) T n-Dotriacontane (C32)	18.963	3071875	18.422 ug/ml
19) T n-Tetratriacontane (C34)	19.747	3241656	20.212 ug/ml
20) T n-Hexatriacontane (C36)	20.485	3147764	19.735 ug/ml
21) T n-Octatriacontane (C38)	21.230	3112803	19.153 ug/ml
22) T n-Tetracontane (C40)	22.161	2957871	18.066 ug/ml

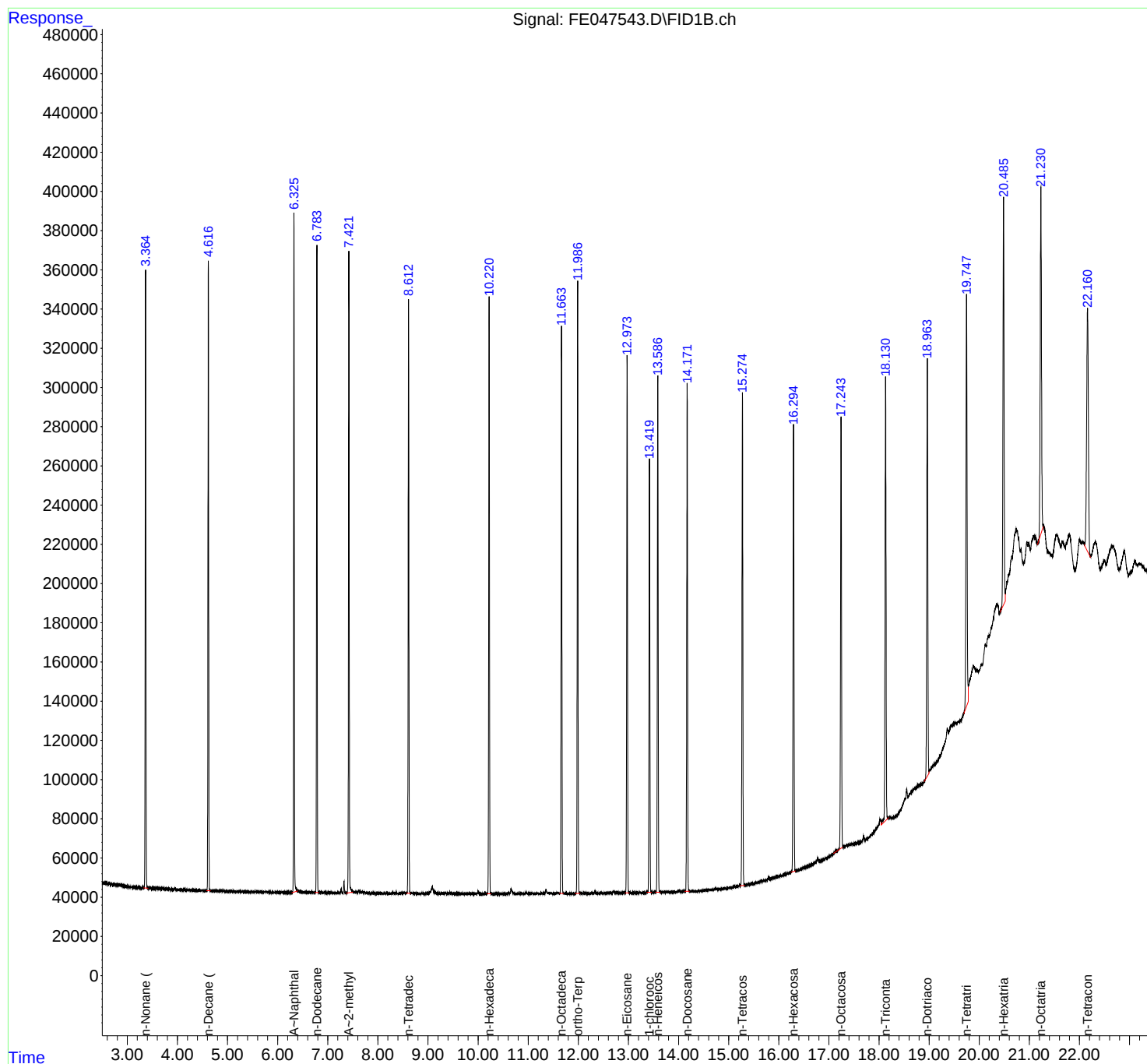
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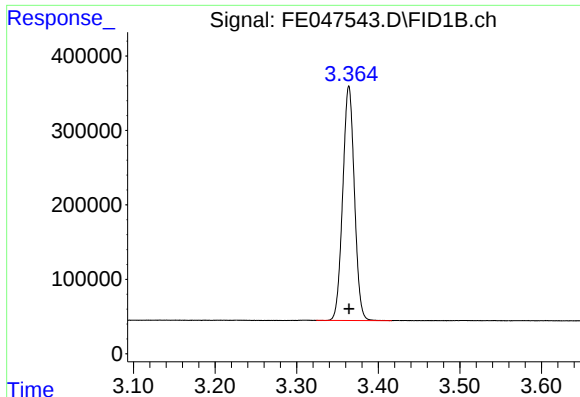
(m)=manual int.

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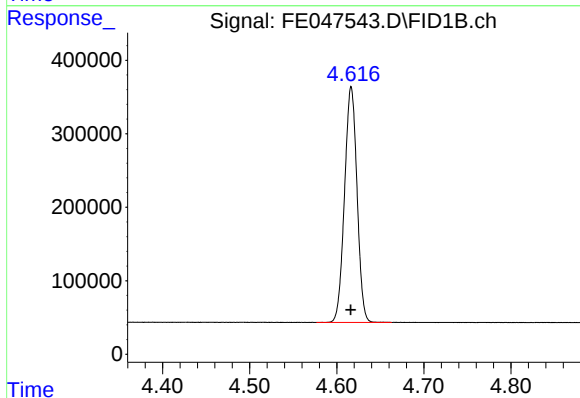
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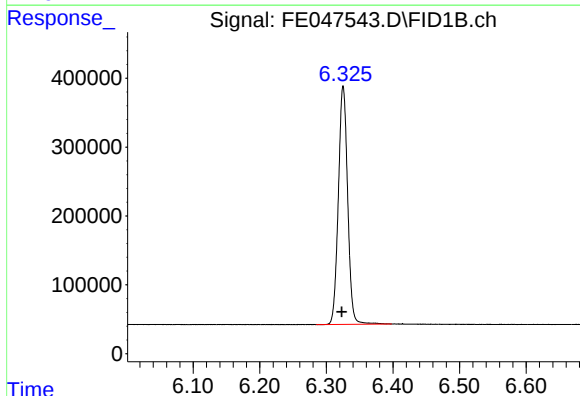
#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 3130219
Conc: 20.01 ug/ml



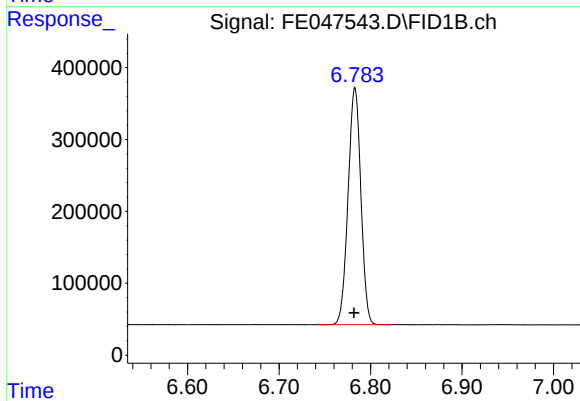
#2 n-Decane (C10)

R.T.: 4.617 min
Delta R.T.: 0.000 min
Response: 3191781
Conc: 19.86 ug/ml



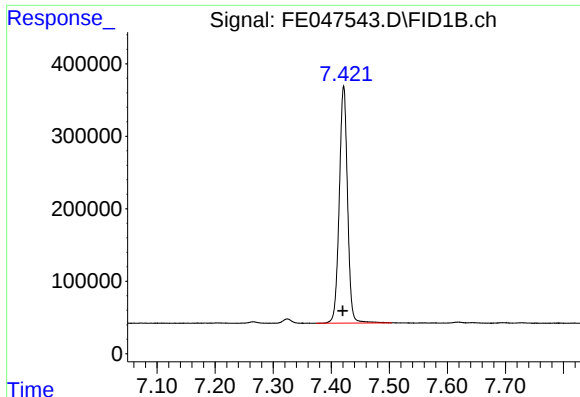
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.002 min
Response: 3354955
Conc: 19.79 ug/ml



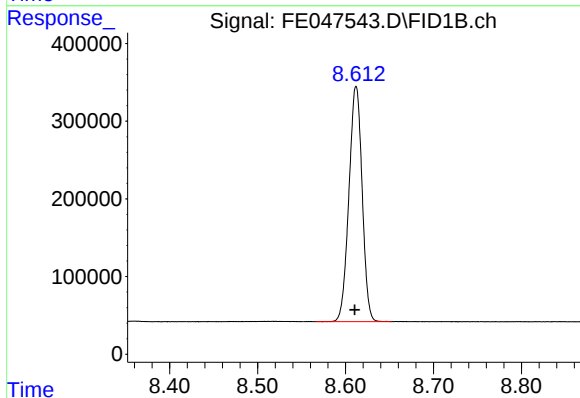
#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 3196860
Conc: 19.70 ug/ml



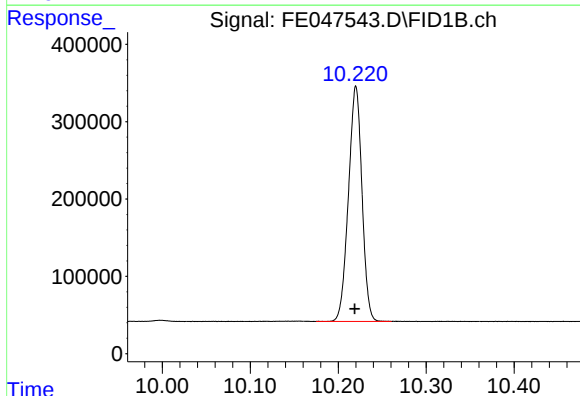
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.421 min
Delta R.T.: 0.002 min
Response: 3232513
Conc: 19.68 ug/ml



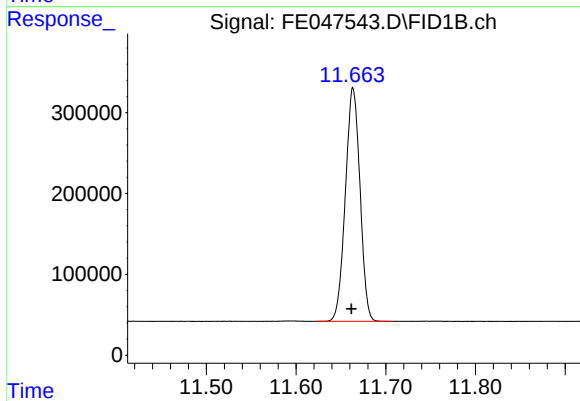
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.002 min
Response: 3157185
Conc: 19.63 ug/ml



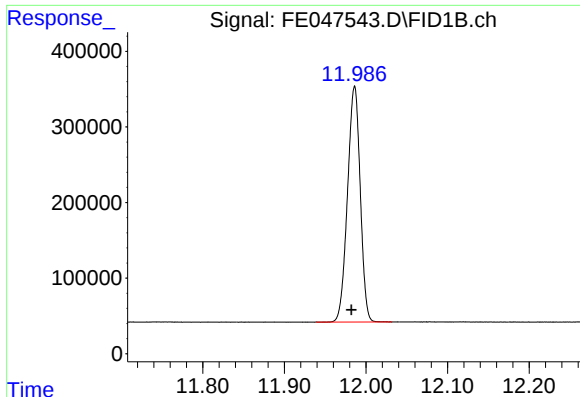
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.002 min
Response: 3251309
Conc: 19.58 ug/ml



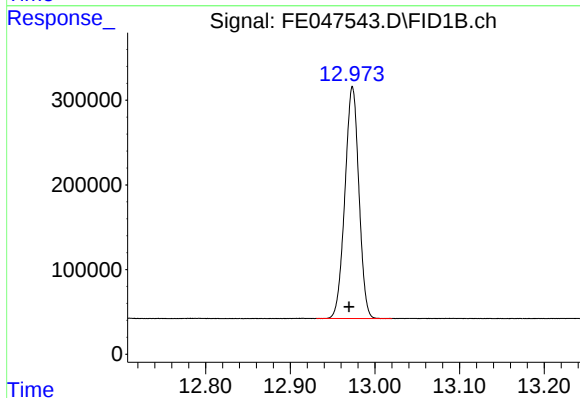
#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.002 min
Response: 3272189
Conc: 19.51 ug/ml



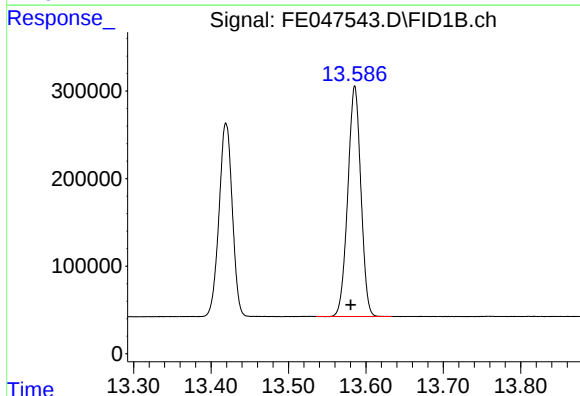
#9 ortho-Terphenyl (SURR)

R.T.: 11.986 min
Delta R.T.: 0.004 min
Response: 3385739
Conc: 19.52 ug/ml



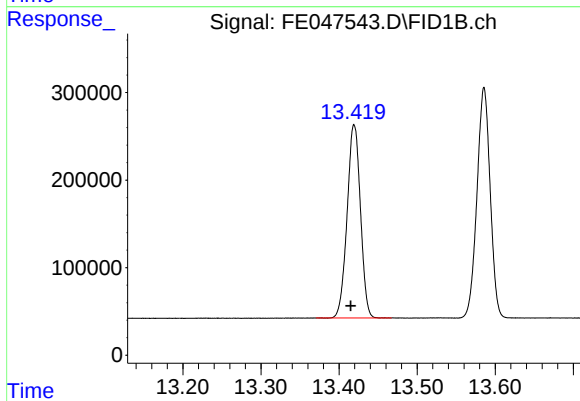
#10 n-Eicosane (C20)

R.T.: 12.974 min
Delta R.T.: 0.004 min
Response: 3145612
Conc: 19.42 ug/ml



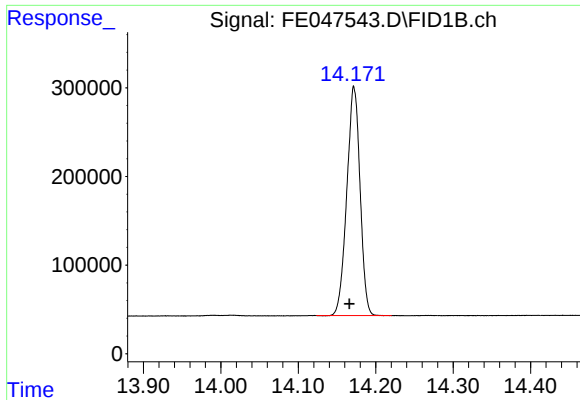
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.005 min
Response: 3093127
Conc: 19.49 ug/ml



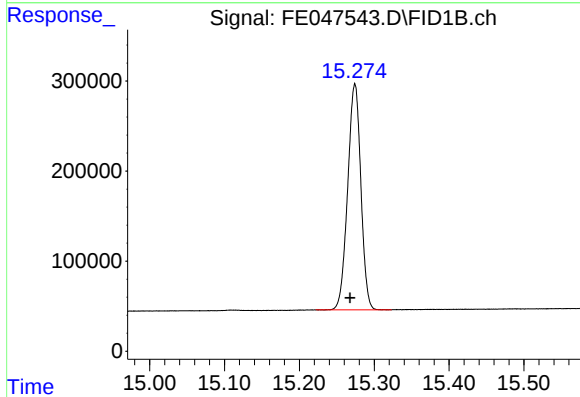
#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: 0.004 min
Response: 2625326
Conc: 19.52 ug/ml



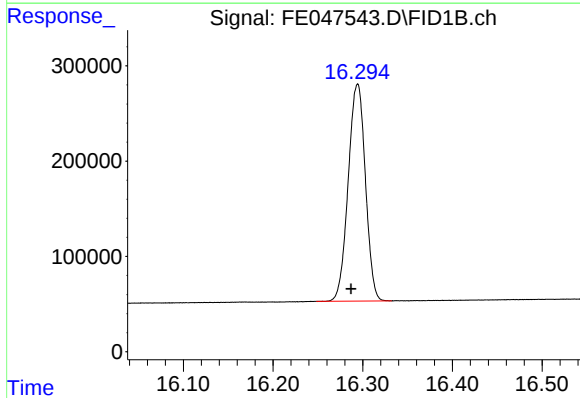
#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.006 min
Response: 3074313
Conc: 19.16 ug/ml



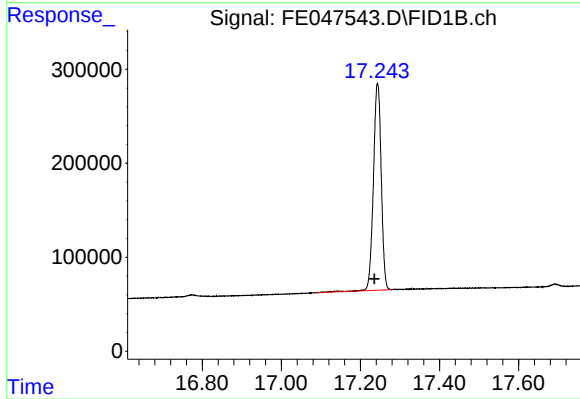
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.007 min
Response: 3071153
Conc: 18.61 ug/ml



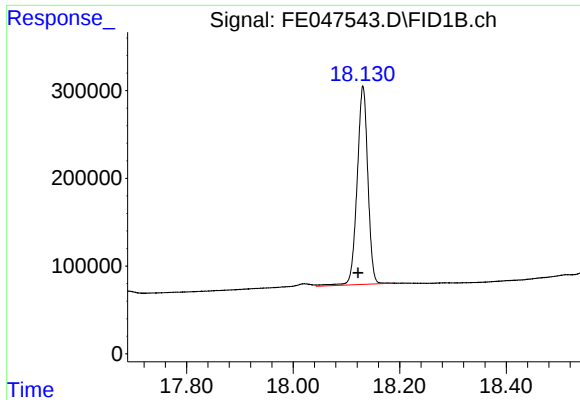
#15 n-Hexacosane (C26)

R.T.: 16.294 min
Delta R.T.: 0.007 min
Response: 3034286
Conc: 18.36 ug/ml



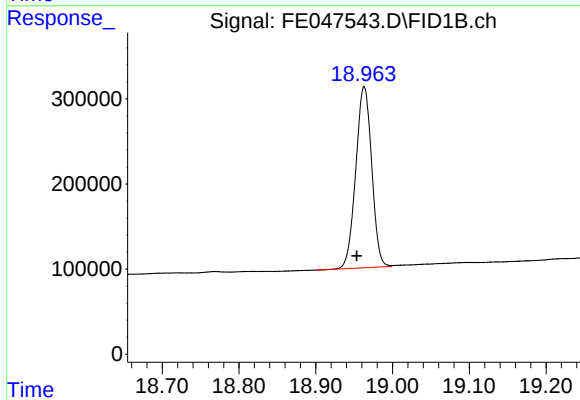
#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: 0.008 min
Response: 3012642
Conc: 18.18 ug/ml



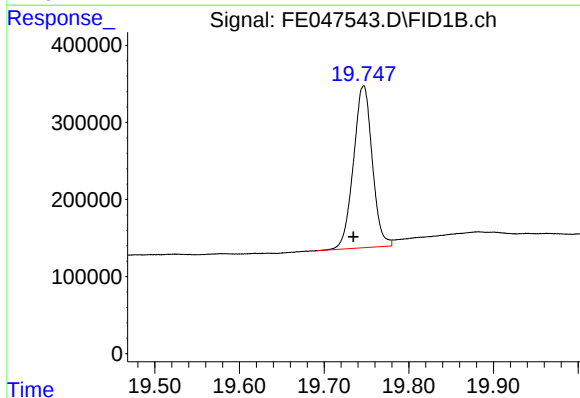
#17 n-Tricontane (C30)

R.T.: 18.131 min
Delta R.T.: 0.009 min
Response: 3155331
Conc: 18.59 ug/ml



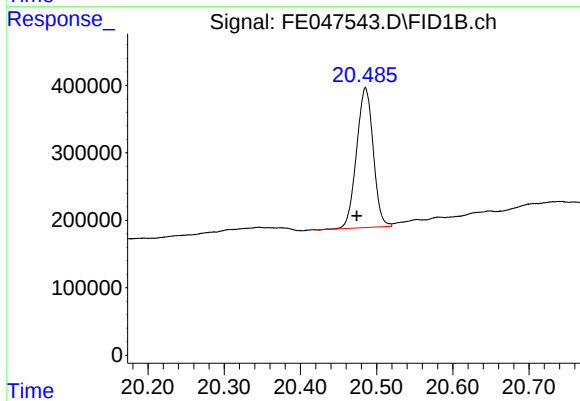
#18 n-Dotriacontane (C32)

R.T.: 18.963 min
Delta R.T.: 0.010 min
Response: 3071875
Conc: 18.42 ug/ml



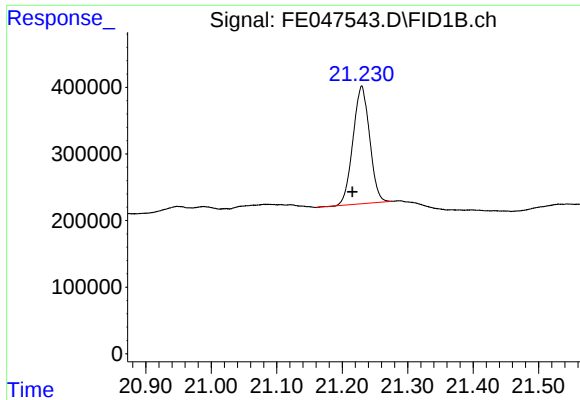
#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.012 min
Response: 3241656
Conc: 20.21 ug/ml



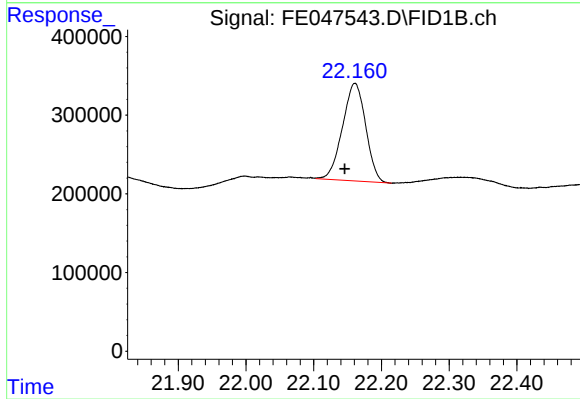
#20 n-Hexatriacontane (C36)

R.T.: 20.485 min
Delta R.T.: 0.011 min
Response: 3147764
Conc: 19.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.230 min
Delta R.T.: 0.014 min
Response: 3112803
Conc: 19.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.161 min
Delta R.T.: 0.015 min
Response: 2957871
Conc: 18.07 ug/ml