

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110923AL\
 Data File : FE045248.D
 Signal(s) : FID1B.ch
 Acq On : 09 Nov 2023 13:18
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 09 22:33:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.885	4078173	21.360 ug/ml
Spiked Amount 50.000		Recovery =	42.72%
12) S 1-chlorooctadecane (S...	13.330	2858168	20.751 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
Target Compounds			
1) T n-Nonane (C9)	3.264	3544103	21.454 ug/ml
2) T n-Decane (C10)	4.515	3614816	21.558 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3838963	21.507 ug/ml
4) T n-Dodecane (C12)	6.683	3626395	21.473 ug/ml
5) T A~2-methylnaphthalene...	7.313	3663173	21.332 ug/ml
6) T n-Tetradecane (C14)	8.511	3541679	21.250 ug/ml
7) T n-Hexadecane (C16)	10.125	3549310	21.101 ug/ml
8) T n-Octadecane (C18)	11.571	3546444	21.189 ug/ml
10) T n-Eicosane (C20)	12.885	3368593	21.265 ug/ml
11) T n-Heneicosane (C21)	13.497	3268660	21.259 ug/ml
13) T n-Docosane (C22)	14.085	3217268	21.234 ug/ml
14) T n-Tetracosane (C24)	15.191	3218532	21.731 ug/ml
15) T n-Hexacosane (C26)	16.215	3140056	21.543 ug/ml
16) T n-Octacosane (C28)	17.166	3162391	21.641 ug/ml
17) T n-Tricontane (C30)	18.056	3269468	21.524 ug/ml
18) T n-Dotriacontane (C32)	18.889	3375447	21.607 ug/ml
19) T n-Tetratriacontane (C34)	19.676	3358646	21.511 ug/ml
20) T n-Hexatriacontane (C36)	20.418	3533435	21.769 ug/ml
21) T n-Octatriacontane (C38)	21.157	3405851	20.500 ug/ml
22) T n-Tetracontane (C40)	22.074	3386724	19.828 ug/ml

(f)=RT Delta > 1/2 Window

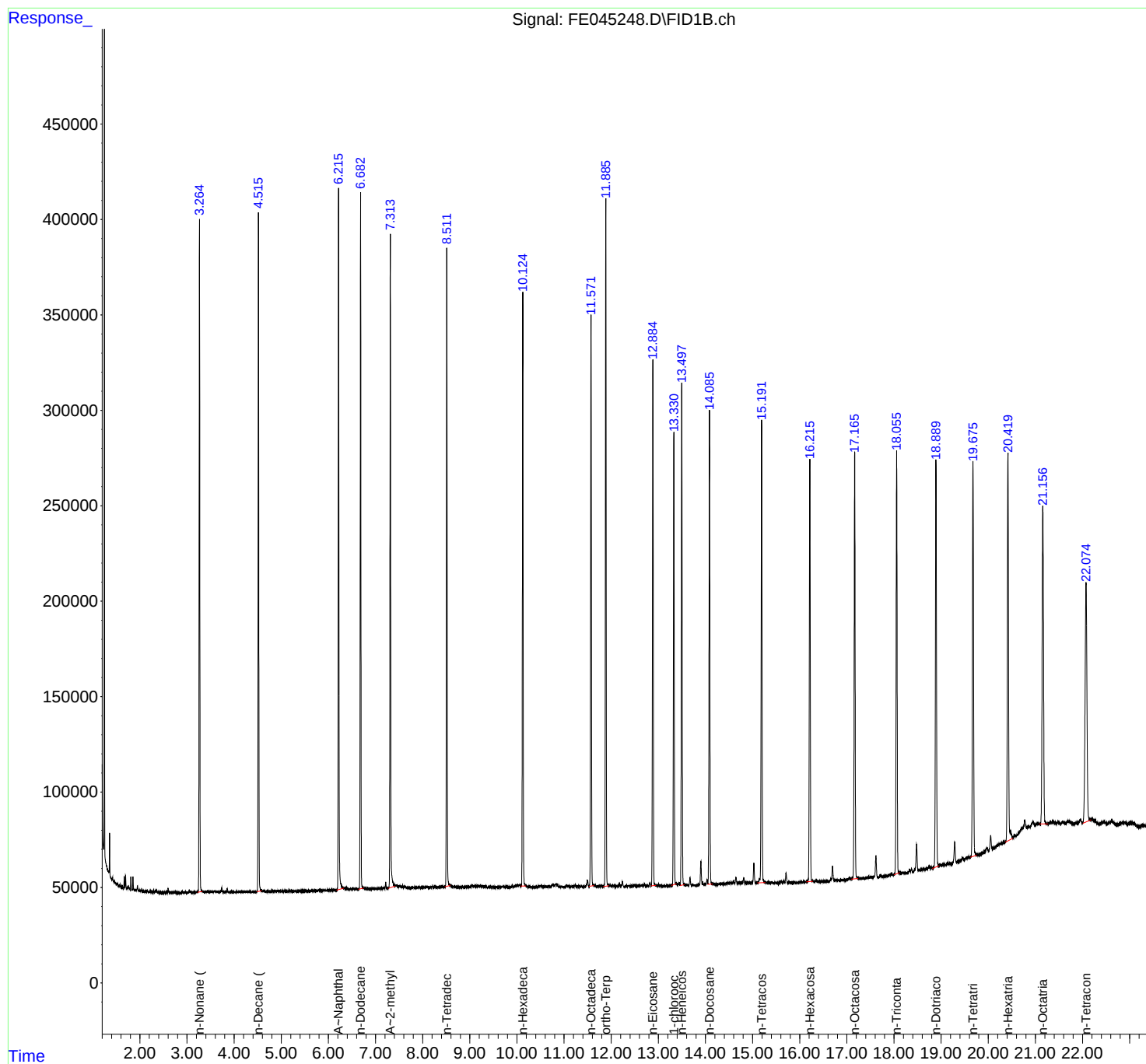
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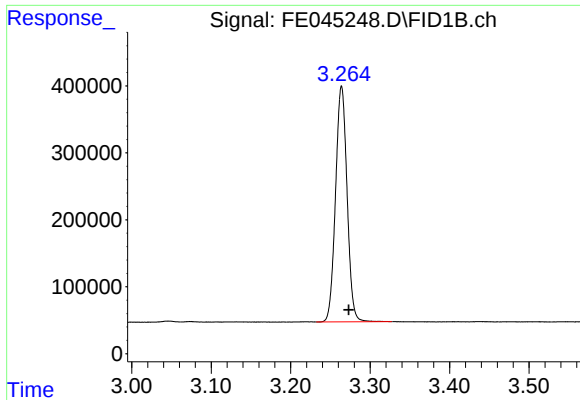
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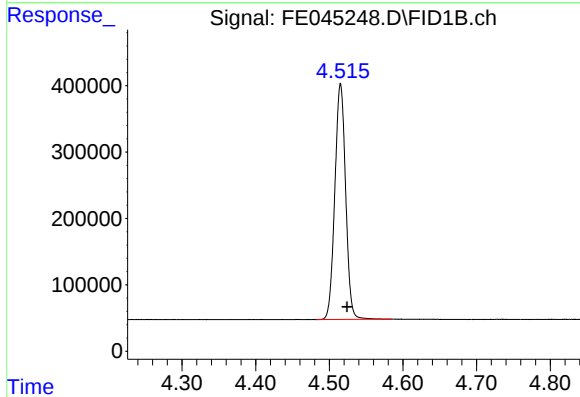




#1 n-Nonane (C9)

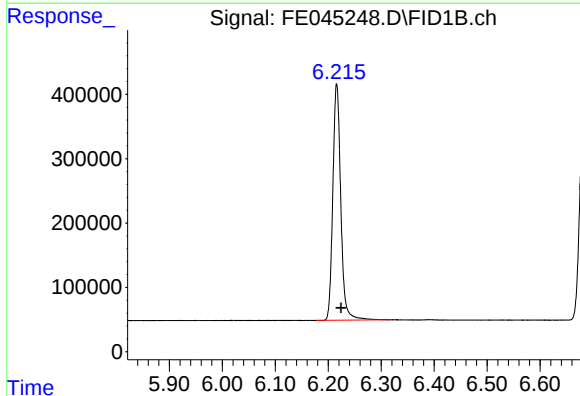
R.T.: 3.264 min
Delta R.T.: -0.009 min
Response: 3544103
Conc: 21.45 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



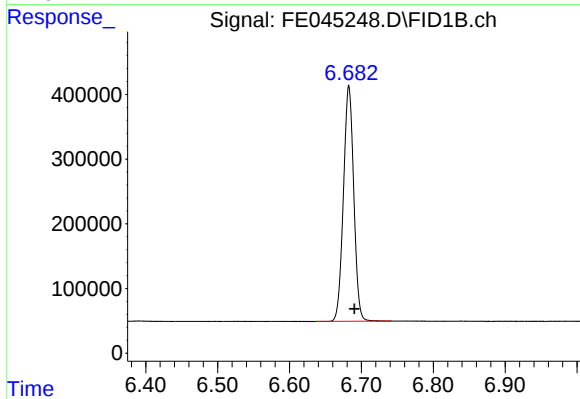
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.009 min
Response: 3614816
Conc: 21.56 ug/ml



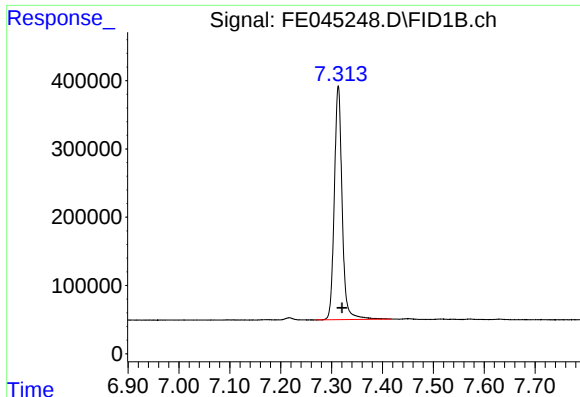
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 3838963
Conc: 21.51 ug/ml



#4 n-Dodecane (C12)

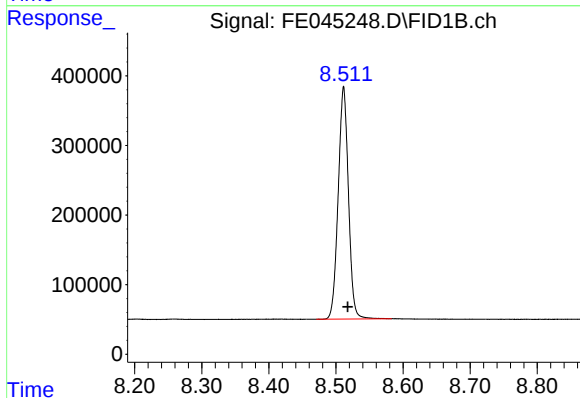
R.T.: 6.683 min
Delta R.T.: -0.008 min
Response: 3626395
Conc: 21.47 ug/ml



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

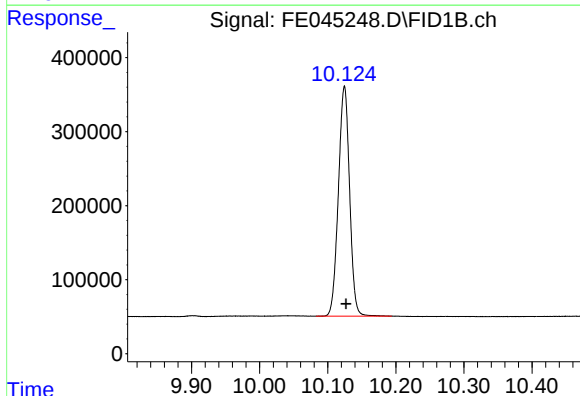
R.T.: 7.313 min
Delta R.T.: -0.007 min
Response: 3663173
Conc: 21.33 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



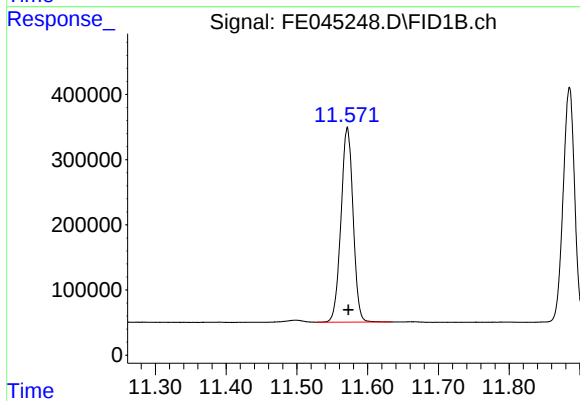
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: -0.006 min
Response: 3541679
Conc: 21.25 ug/ml



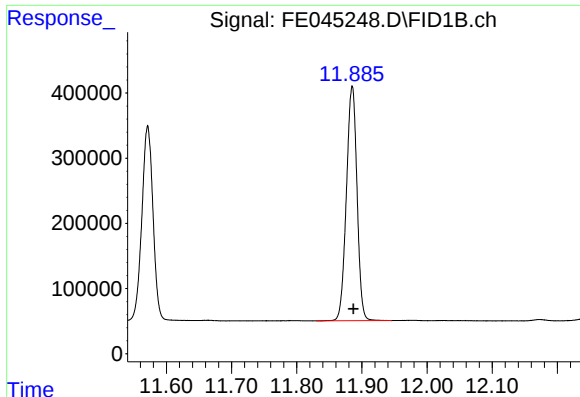
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.002 min
Response: 3549310
Conc: 21.10 ug/ml



#8 n-Octadecane (C18)

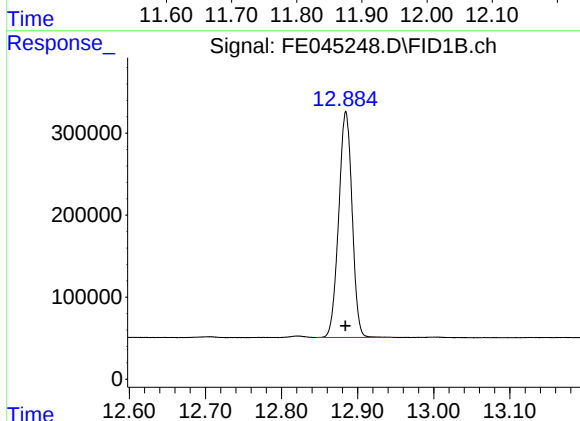
R.T.: 11.571 min
Delta R.T.: -0.002 min
Response: 3546444
Conc: 21.19 ug/ml



#9 ortho-Terphenyl (SURR)

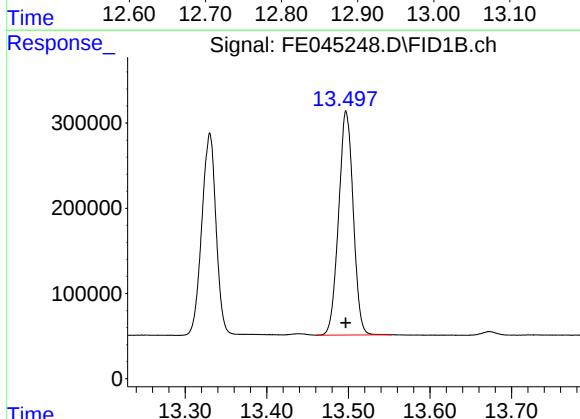
R.T.: 11.885 min
Delta R.T.: -0.001 min
Response: 4078173
Conc: 21.36 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



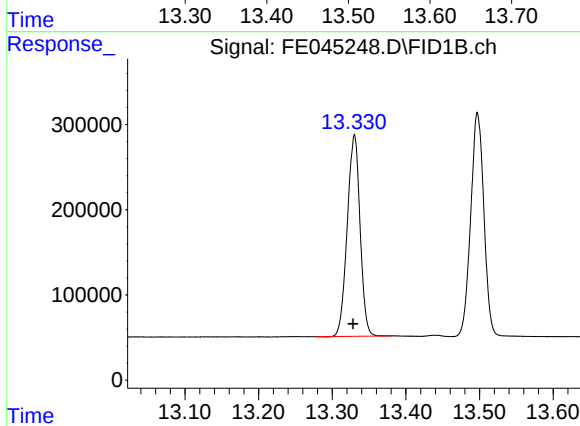
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 3368593
Conc: 21.27 ug/ml



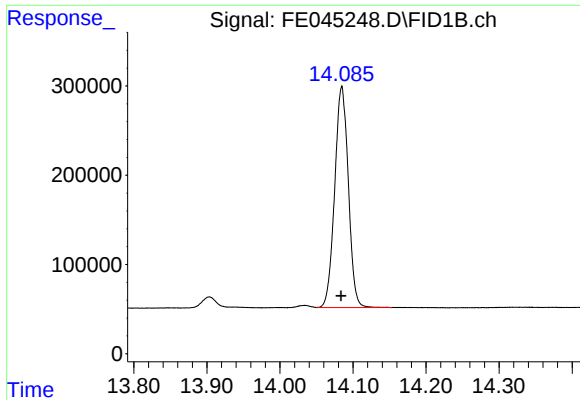
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 3268660
Conc: 21.26 ug/ml



#12 1-chlorooctadecane (SURR)

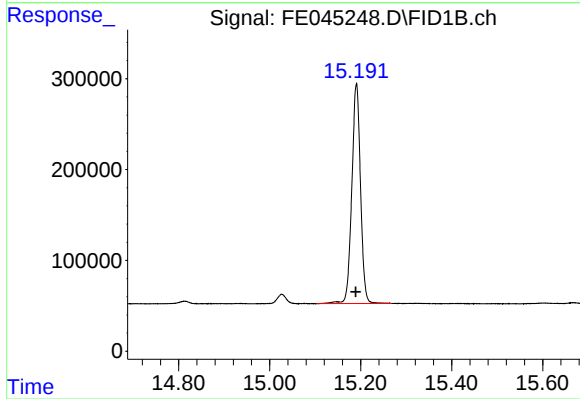
R.T.: 13.330 min
Delta R.T.: 0.002 min
Response: 2858168
Conc: 20.75 ug/ml



#13 n-Docosane (C22)

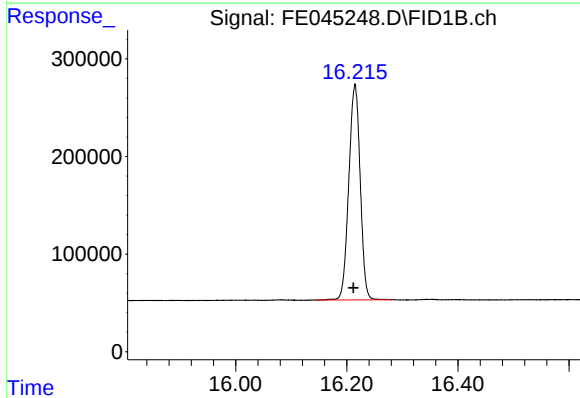
R.T.: 14.085 min
Delta R.T.: 0.000 min
Response: 3217268
Conc: 21.23 ug/ml

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20 PPM ALIPHATIC HC STD



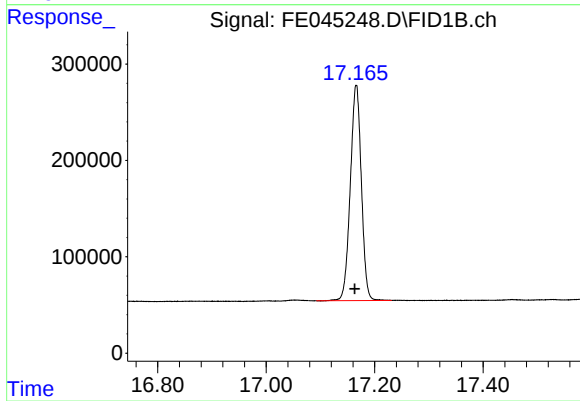
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: 0.002 min
Response: 3218532
Conc: 21.73 ug/ml



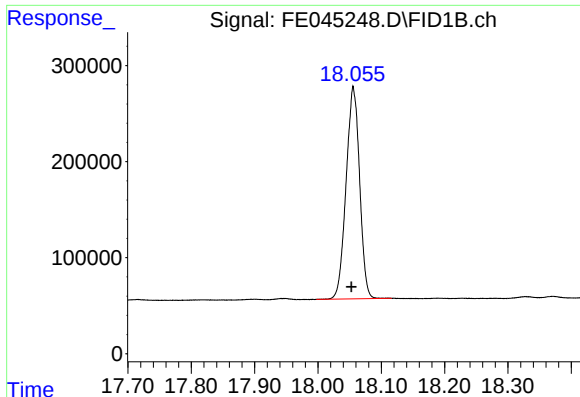
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: 0.003 min
Response: 3140056
Conc: 21.54 ug/ml



#16 n-Octacosane (C28)

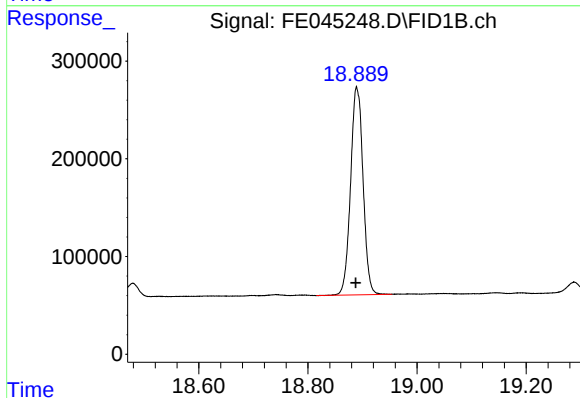
R.T.: 17.166 min
Delta R.T.: 0.003 min
Response: 3162391
Conc: 21.64 ug/ml



#17 n-Tricontane (C30)

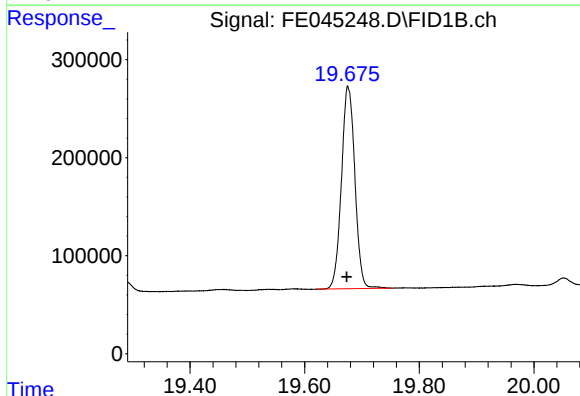
R.T.: 18.056 min
Delta R.T.: 0.003 min
Response: 3269468
Conc: 21.52 ug/ml

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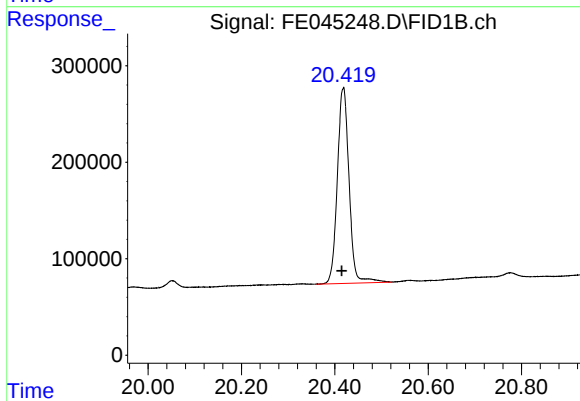
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.002 min
Response: 3375447
Conc: 21.61 ug/ml



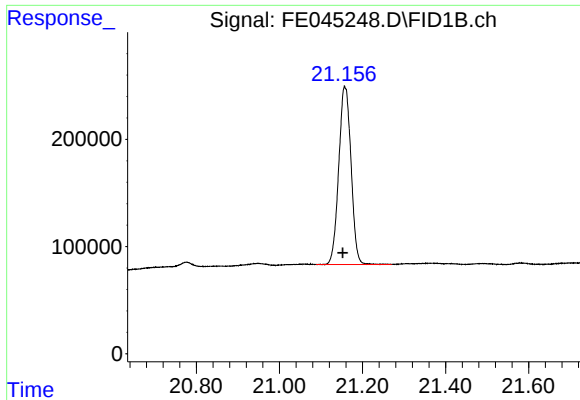
#19 n-Tetratriacontane (C34)

R.T.: 19.676 min
Delta R.T.: 0.002 min
Response: 3358646
Conc: 21.51 ug/ml



#20 n-Hexatriacontane (C36)

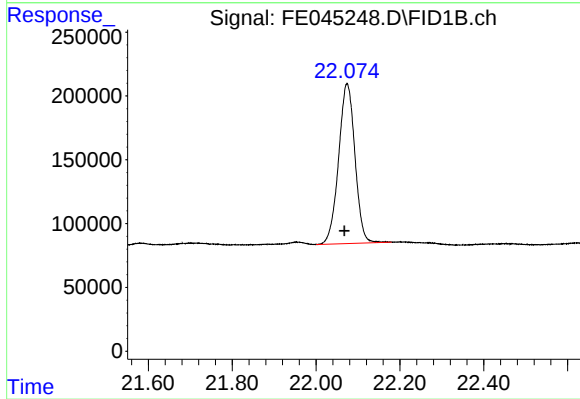
R.T.: 20.418 min
Delta R.T.: 0.003 min
Response: 3533435
Conc: 21.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.157 min
Delta R.T.: 0.005 min
Response: 3405851
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: 0.006 min
Response: 3386724
Conc: 19.83 ug/ml