

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091125AL\
 Data File : FE055765.D
 Signal(s) : FID1B.ch
 Acq On : 11 Sep 2025 08:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 12 01:18:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 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)	12.074	2935677	17.870 ug/ml
Spiked Amount 50.000		Recovery =	35.74%
12) S 1-chlorooctadecane (S...	13.510	2202186	17.611 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
Target Compounds			
1) T n-Nonane (C9)	3.413	2215790	17.461 ug/ml
2) T n-Decane (C10)	4.670	2341238	18.277 ug/ml
3) T A~Naphthalene (C11.7)	6.390	2618446	18.022 ug/ml
4) T n-Dodecane (C12)	6.846	2419890	18.584 ug/ml
5) T A~2-methylnaphthalene...	7.491	2537912	18.044 ug/ml
6) T n-Tetradecane (C14)	8.683	2456823	18.656 ug/ml
7) T n-Hexadecane (C16)	10.298	2588329	18.689 ug/ml
8) T n-Octadecane (C18)	11.748	2691874	18.455 ug/ml
10) T n-Eicosane (C20)	13.062	2594932	18.027 ug/ml
11) T n-Heneicosane (C21)	13.676	2538132	17.768 ug/ml
13) T n-Docosane (C22)	14.265	2525511	17.643 ug/ml
14) T n-Tetracosane (C24)	15.372	2539905	17.553 ug/ml
15) T n-Hexacosane (C26)	16.395	2481908	17.373 ug/ml
16) T n-Octacosane (C28)	17.348	2536878	17.836 ug/ml
17) T n-Tricontane (C30)	18.237	2804989	18.976 ug/ml
18) T n-Dotriacontane (C32)	19.072	2999496	20.436 ug/ml
19) T n-Tetratriacontane (C34)	19.857	2833672	20.056 ug/ml
20) T n-Hexatriacontane (C36)	20.598	2566584	19.450 ug/ml
21) T n-Octatriacontane (C38)	21.374	2451841	18.826 ug/ml
22) T n-Tetracontane (C40)	22.359	2273469	17.728 ug/ml

(f)=RT Delta > 1/2 Window

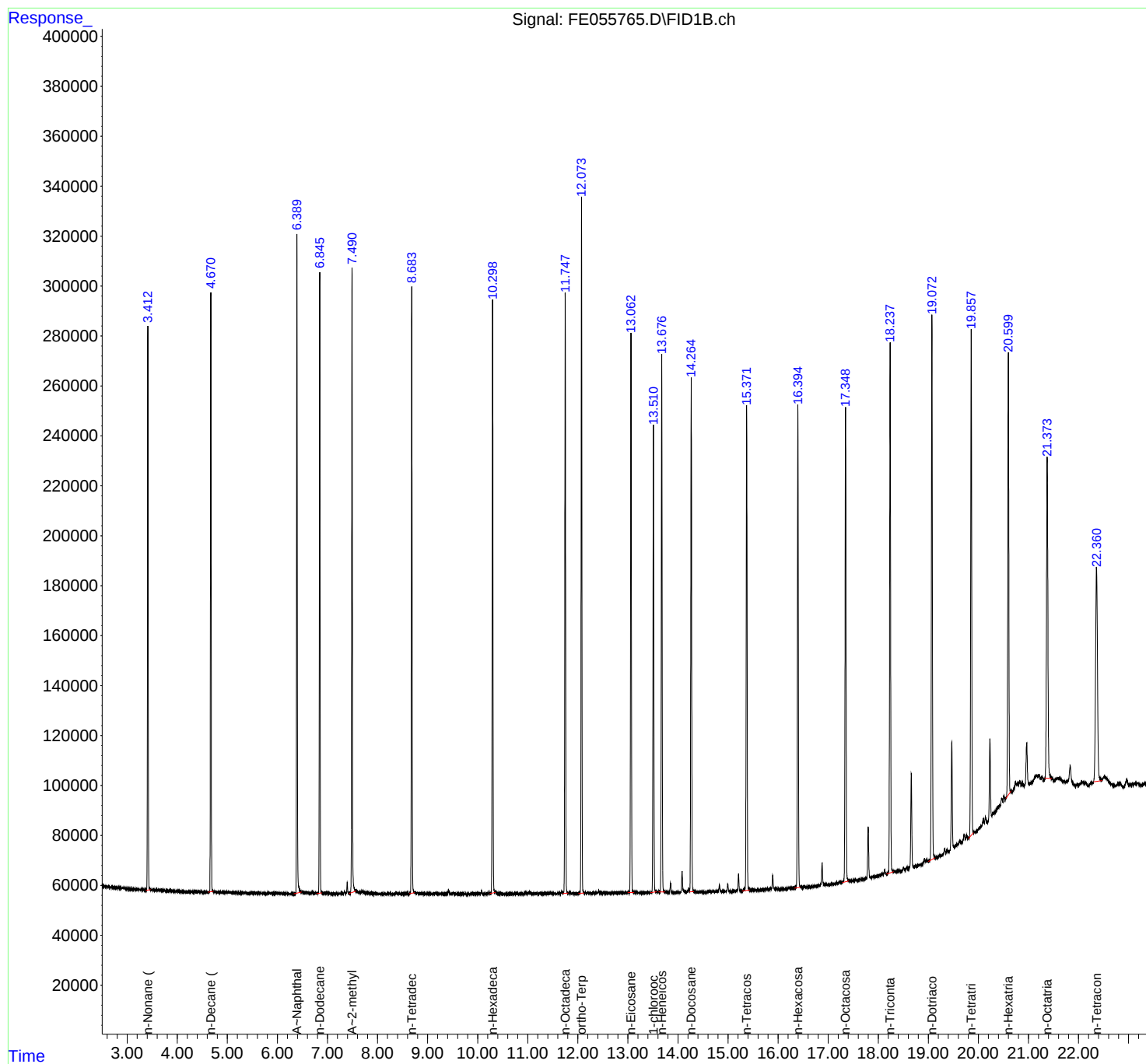
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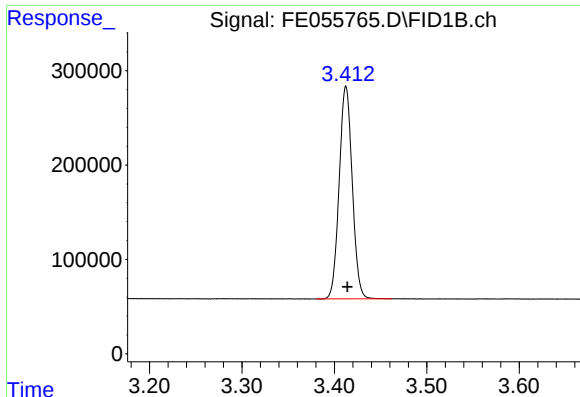
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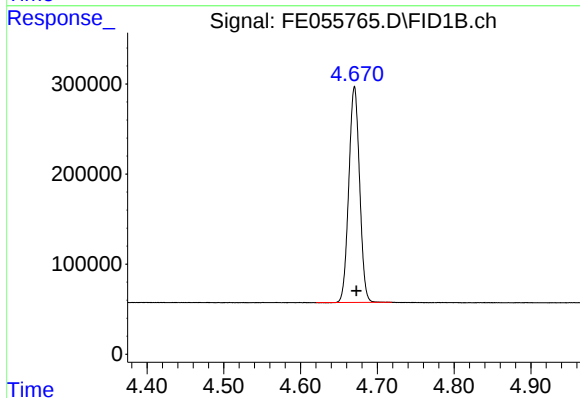




#1 n-Nonane (C9)

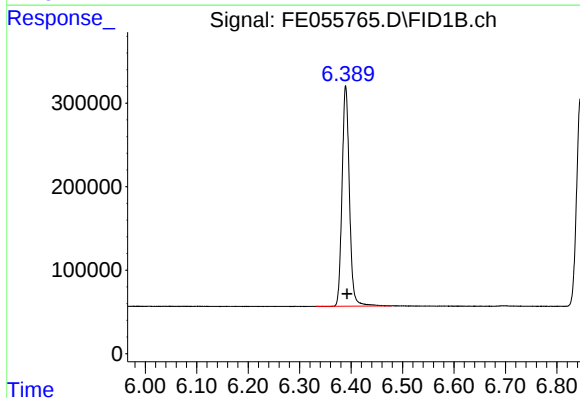
R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 2215790
Conc: 17.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



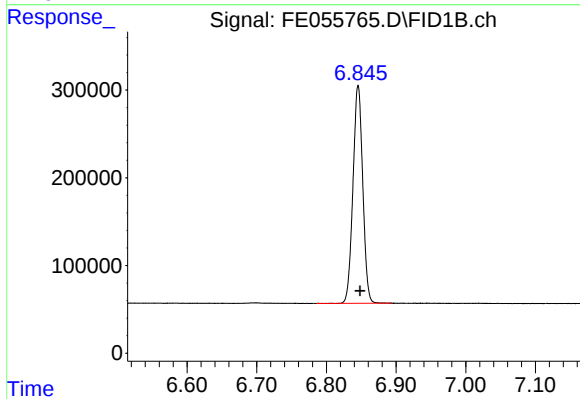
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 2341238
Conc: 18.28 ug/ml



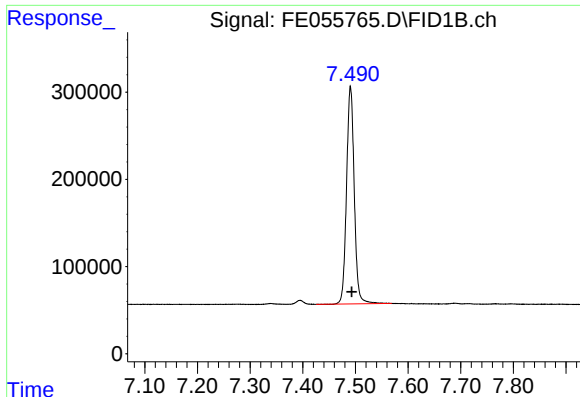
#3 A~Naphthalene (C11.7)

R.T.: 6.390 min
Delta R.T.: -0.002 min
Response: 2618446
Conc: 18.02 ug/ml



#4 n-Dodecane (C12)

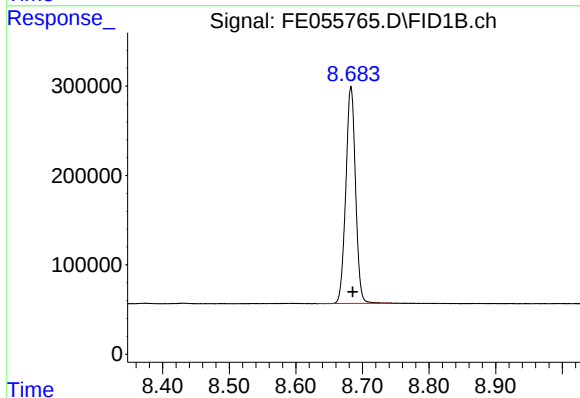
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 2419890
Conc: 18.58 ug/ml



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

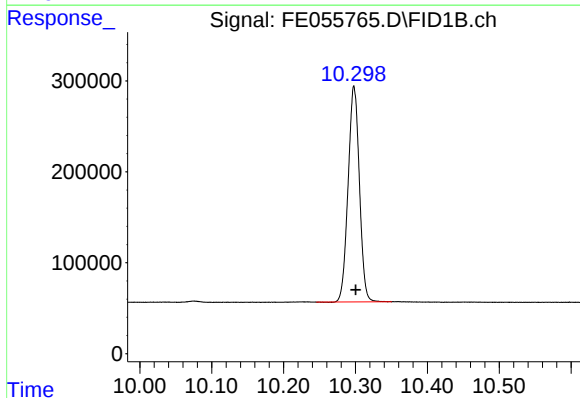
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 2537912
Conc: 18.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



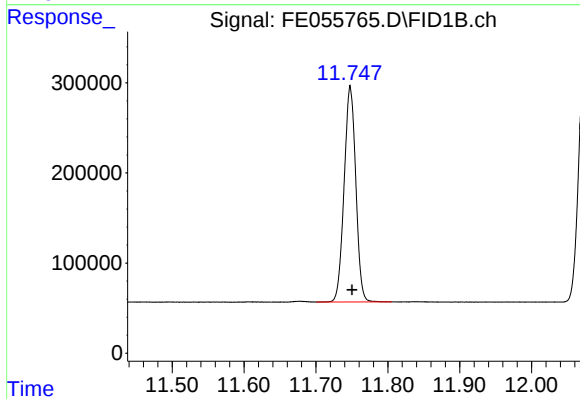
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 2456823
Conc: 18.66 ug/ml



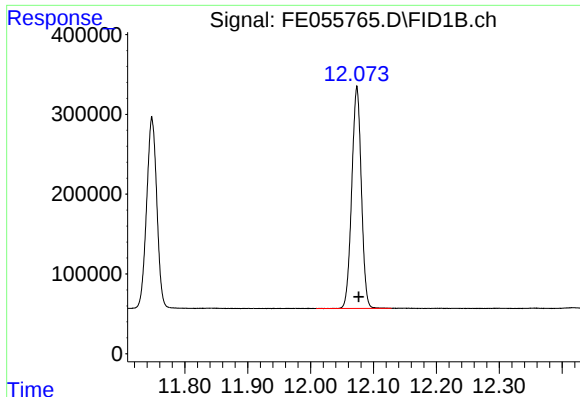
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 2588329
Conc: 18.69 ug/ml



#8 n-Octadecane (C18)

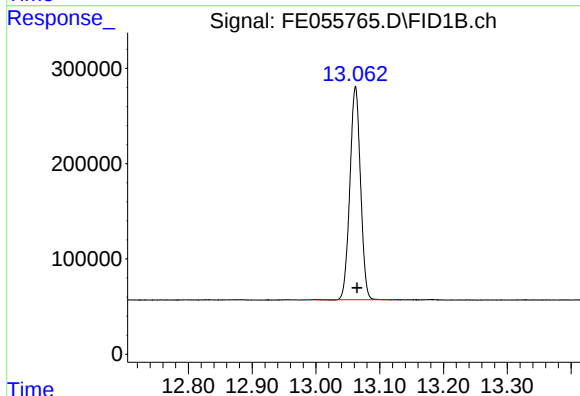
R.T.: 11.748 min
Delta R.T.: -0.003 min
Response: 2691874
Conc: 18.46 ug/ml



#9 ortho-Terphenyl (SURR)

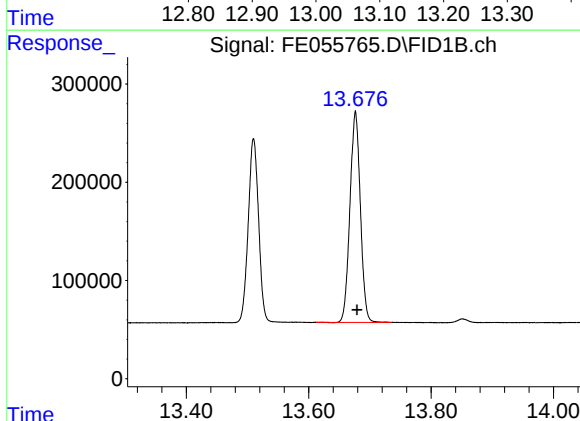
R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 2935677
Conc: 17.87 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



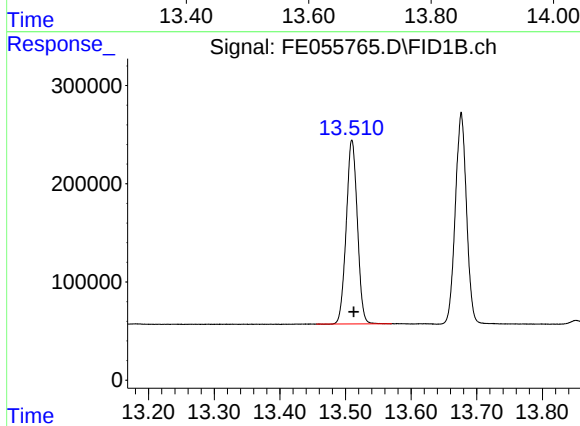
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.002 min
Response: 2594932
Conc: 18.03 ug/ml



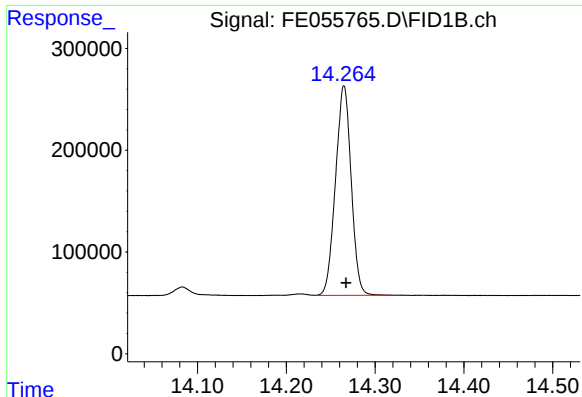
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.002 min
Response: 2538132
Conc: 17.77 ug/ml



#12 1-chlorooctadecane (SURR)

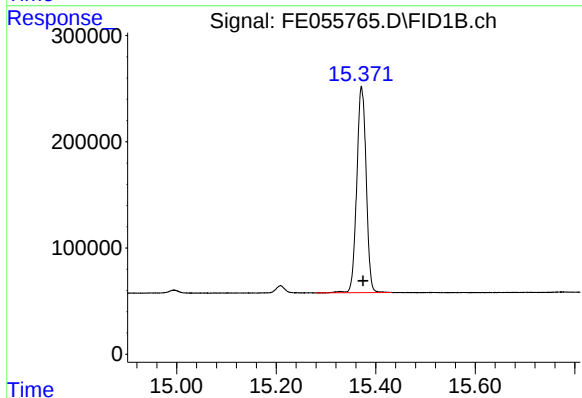
R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2202186
Conc: 17.61 ug/ml



#13 n-Docosane (C22)

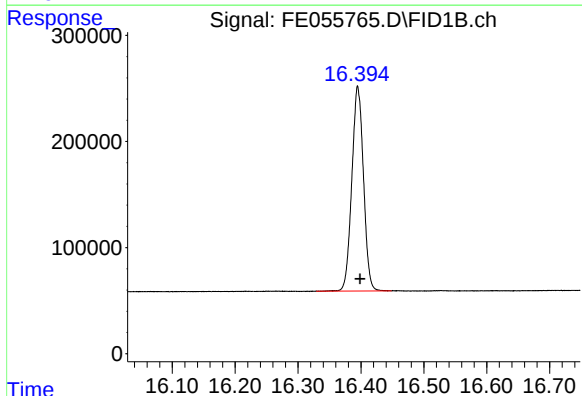
R.T.: 14.265 min
Delta R.T.: -0.002 min
Response: 2525511
Conc: 17.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



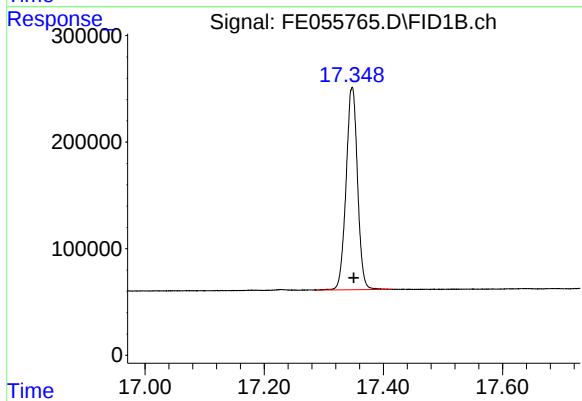
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.003 min
Response: 2539905
Conc: 17.55 ug/ml



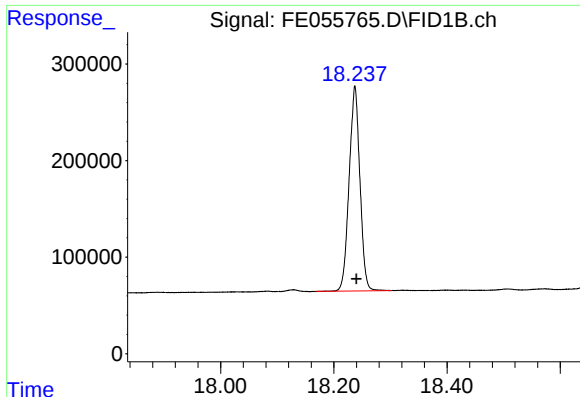
#15 n-Hexacosane (C26)

R.T.: 16.395 min
Delta R.T.: -0.003 min
Response: 2481908
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

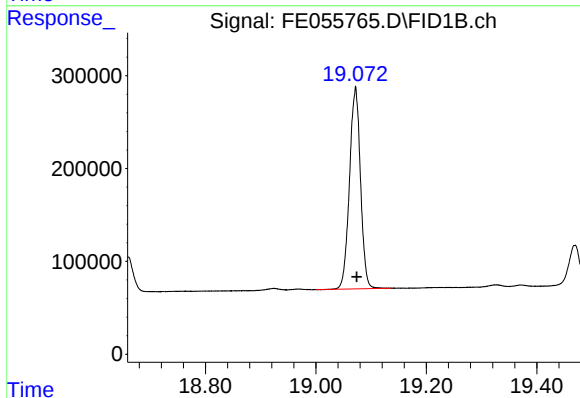
R.T.: 17.348 min
Delta R.T.: -0.003 min
Response: 2536878
Conc: 17.84 ug/ml



#17 n-Tricontane (C30)

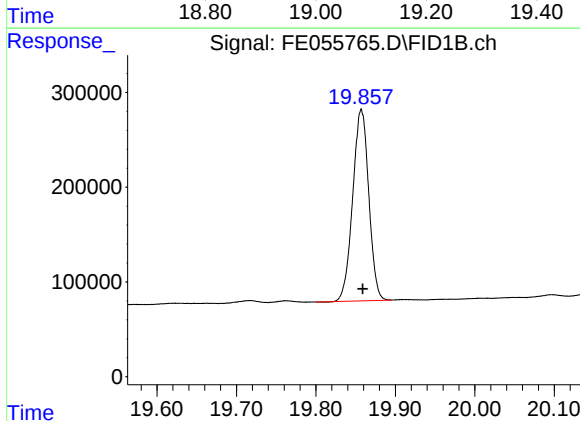
R.T.: 18.237 min
Delta R.T.: -0.002 min
Response: 2804989
Conc: 18.98 ug/ml

Instrument :
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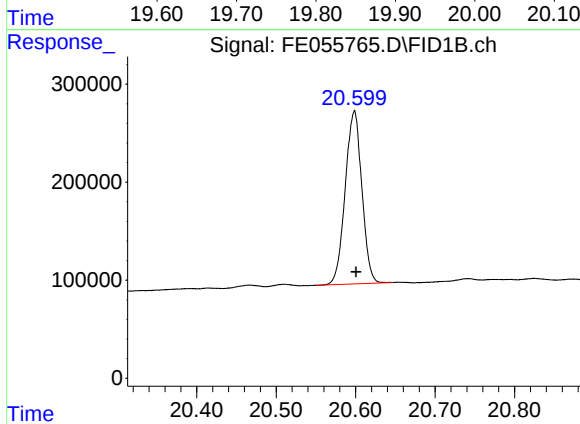
#18 n-Dotriacontane (C32)

R.T.: 19.072 min
Delta R.T.: -0.002 min
Response: 2999496
Conc: 20.44 ug/ml



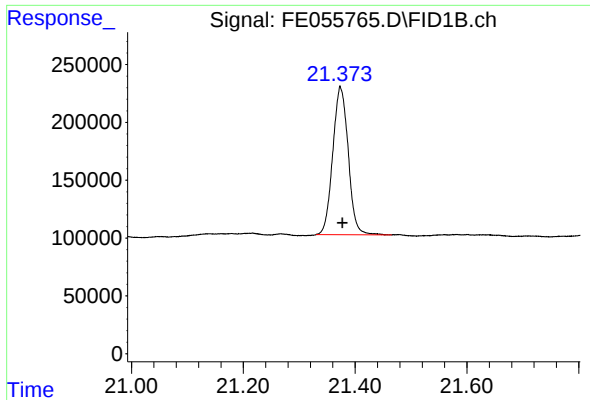
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.002 min
Response: 2833672
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

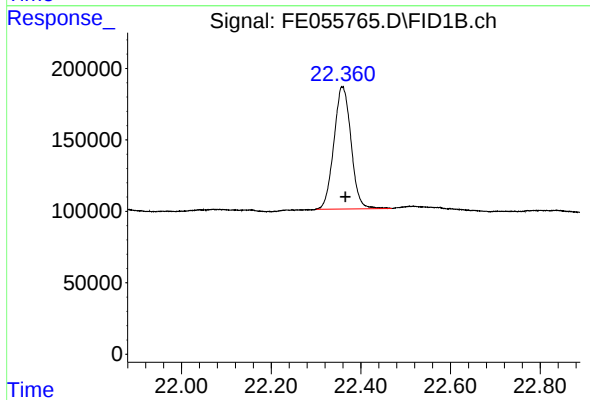
R.T.: 20.598 min
Delta R.T.: -0.002 min
Response: 2566584
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.374 min
Delta R.T.: -0.003 min
Response: 2451841
Conc: 18.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.359 min
Delta R.T.: -0.007 min
Response: 2273469
Conc: 17.73 ug/ml