

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
 Data File : FE054987.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jul 2025 14:22
 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: Jul 24 04:32:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.085	3249155	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
12) S 1-chlorooctadecane (S...	13.520	2461722	19.492 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T n-Nonane (C9)	3.423	2584045	19.211 ug/ml
2) T n-Decane (C10)	4.682	2695632	19.756 ug/ml
3) T A~Naphthalene (C11.7)	6.400	3097035	20.454 ug/ml
4) T n-Dodecane (C12)	6.857	2770119	20.189 ug/ml
5) T A~2-methylnaphthalene...	7.501	3017778	20.529 ug/ml
6) T n-Tetradecane (C14)	8.694	2826518	20.389 ug/ml
7) T n-Hexadecane (C16)	10.309	2937660	20.614 ug/ml
8) T n-Octadecane (C18)	11.758	2983630	20.358 ug/ml
10) T n-Eicosane (C20)	13.072	2850288	19.822 ug/ml
11) T n-Heneicosane (C21)	13.686	2795320	19.571 ug/ml
13) T n-Docosane (C22)	14.274	2771636	19.411 ug/ml
14) T n-Tetracosane (C24)	15.381	2758025	18.973 ug/ml
15) T n-Hexacosane (C26)	16.404	2716195	18.769 ug/ml
16) T n-Octacosane (C28)	17.355	2718066	18.650 ug/ml
17) T n-Tricontane (C30)	18.245	2881542	18.286 ug/ml
18) T n-Dotriacontane (C32)	19.080	2918178	18.037 ug/ml
19) T n-Tetratriacontane (C34)	19.863	2771396	18.186 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2519616	18.739 ug/ml
21) T n-Octatriacontane (C38)	21.384	2475808	21.110 ug/ml
22) T n-Tetracontane (C40)	22.373	2362487	21.797 ug/ml

(f)=RT Delta > 1/2 Window

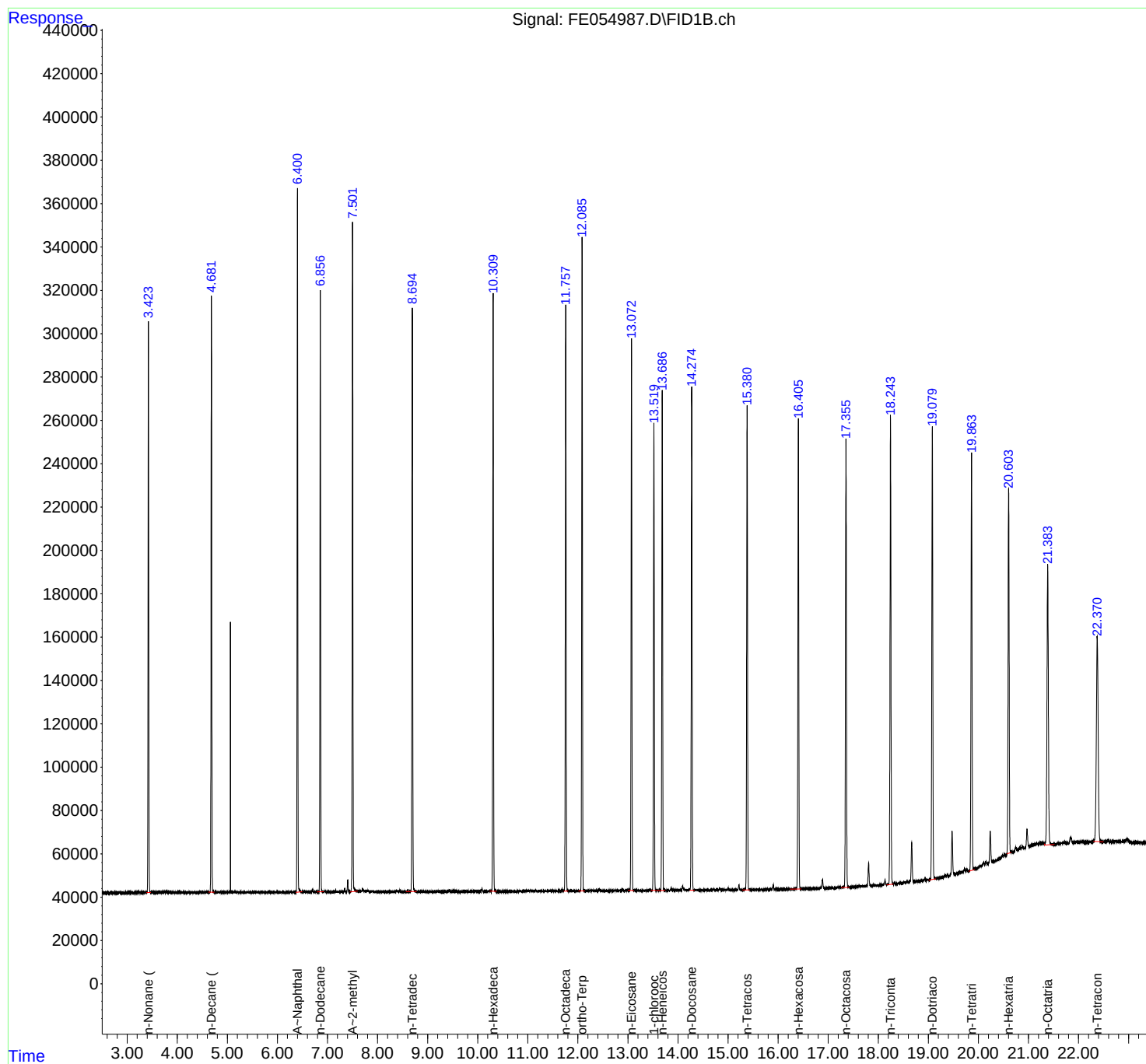
(m)=manual int.

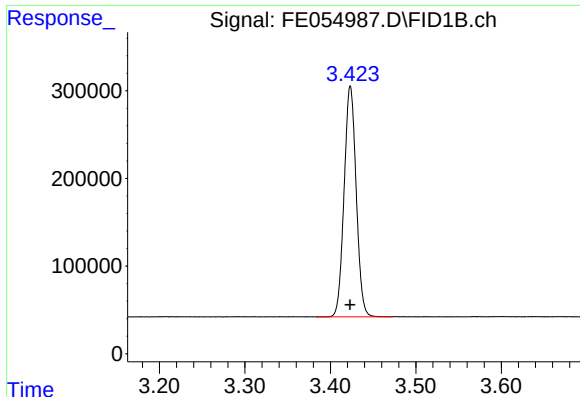
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072325AL\
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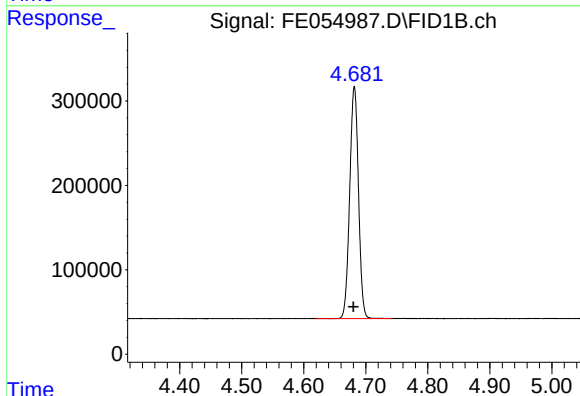




#1 n-Nonane (C9)

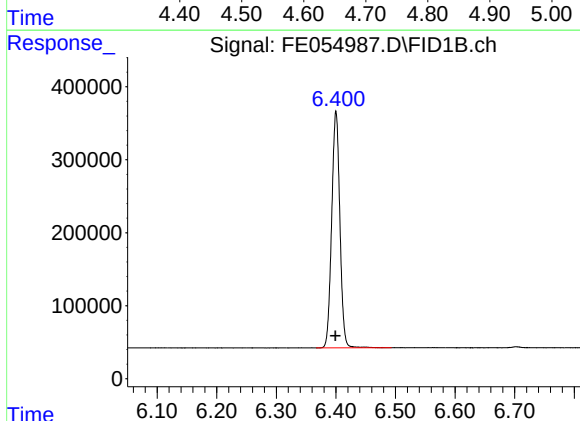
R.T.: 3.423 min
Delta R.T.: 0.000 min
Response: 2584045
Conc: 19.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



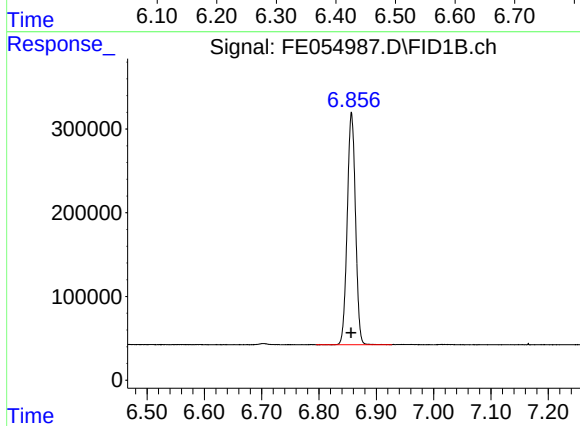
#2 n-Decane (C10)

R.T.: 4.682 min
Delta R.T.: 0.002 min
Response: 2695632
Conc: 19.76 ug/ml



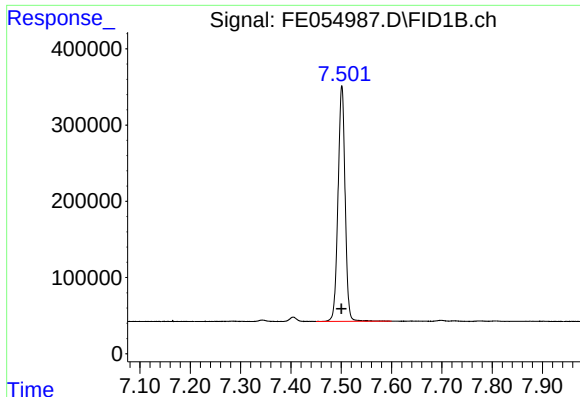
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min
Delta R.T.: 0.001 min
Response: 3097035
Conc: 20.45 ug/ml



#4 n-Dodecane (C12)

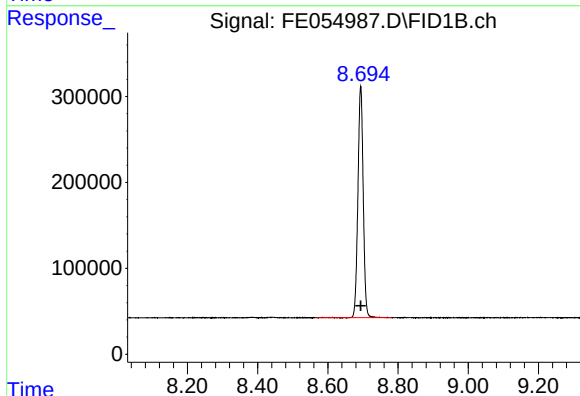
R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 2770119
Conc: 20.19 ug/ml



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

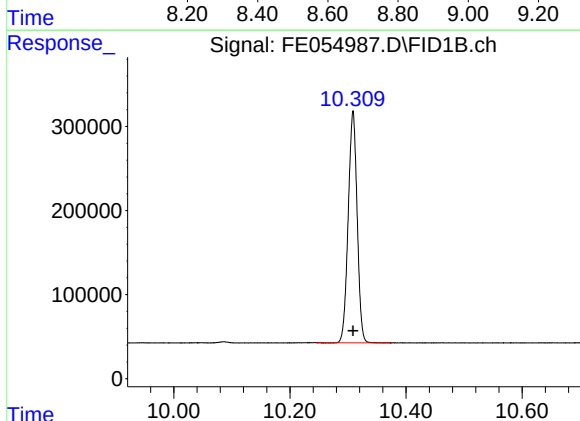
R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 3017778
Conc: 20.53 ug/ml

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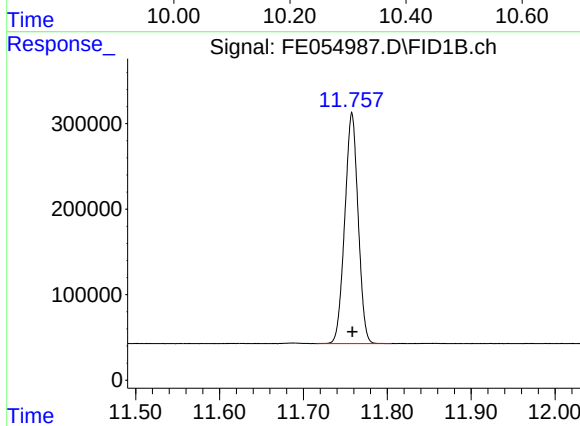
#6 n-Tetradecane (C14)

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 2826518
Conc: 20.39 ug/ml



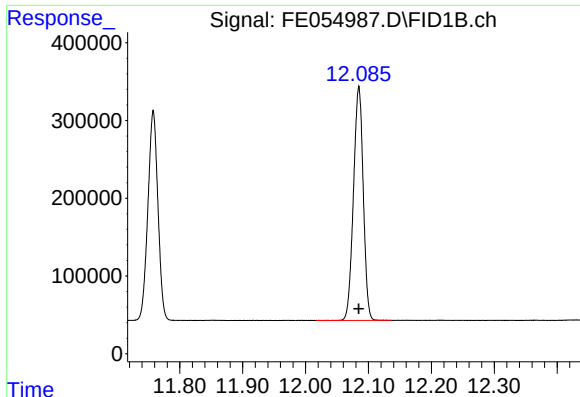
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 2937660
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

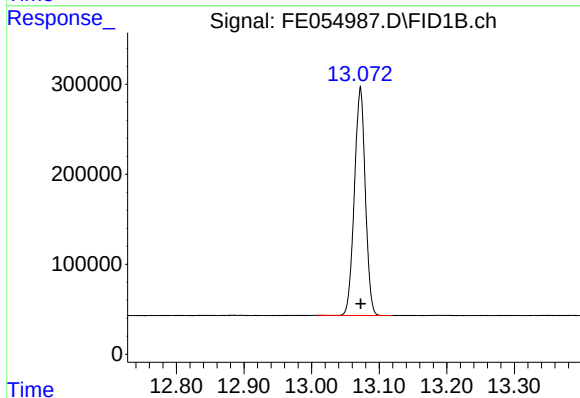
R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 2983630
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

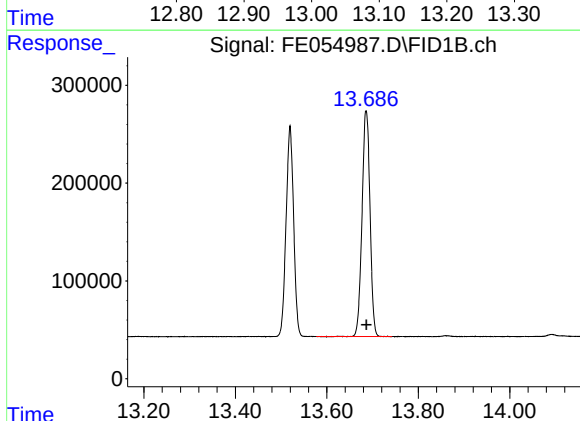
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3249155
Conc: 20.01 ug/ml

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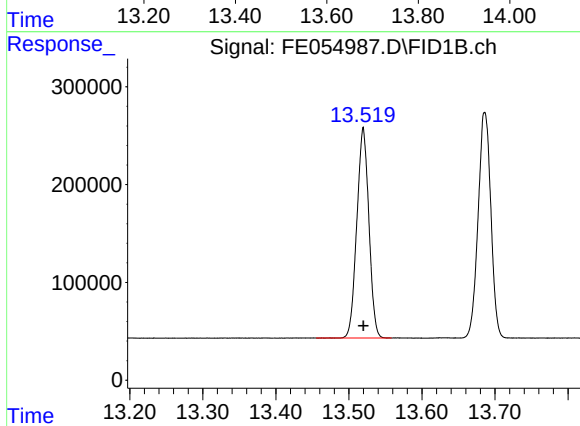
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 2850288
Conc: 19.82 ug/ml



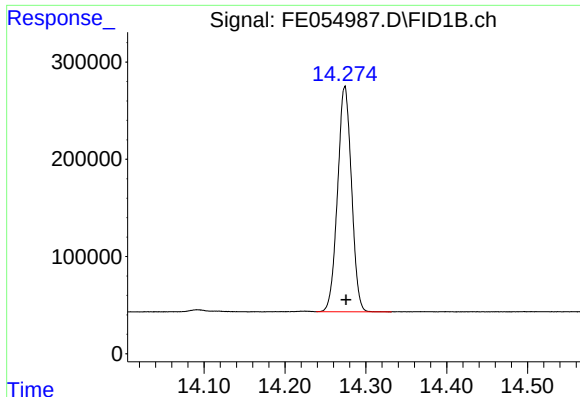
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 2795320
Conc: 19.57 ug/ml



#12 1-chlorooctadecane (SURR)

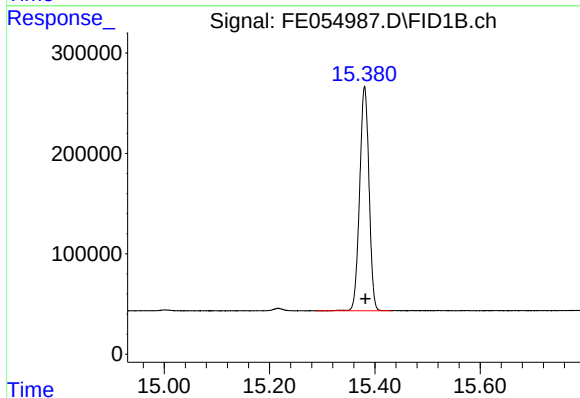
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 2461722
Conc: 19.49 ug/ml



#13 n-Docosane (C22)

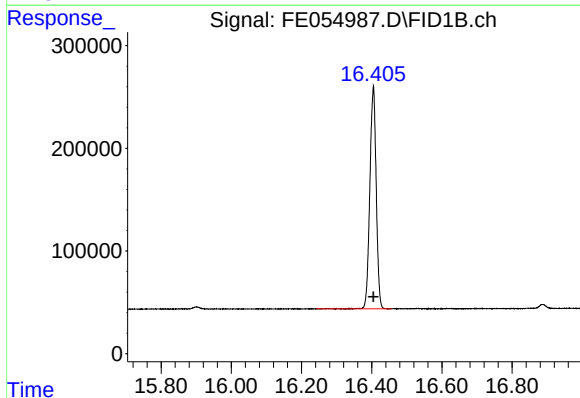
R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 2771636
Conc: 19.41 ug/ml

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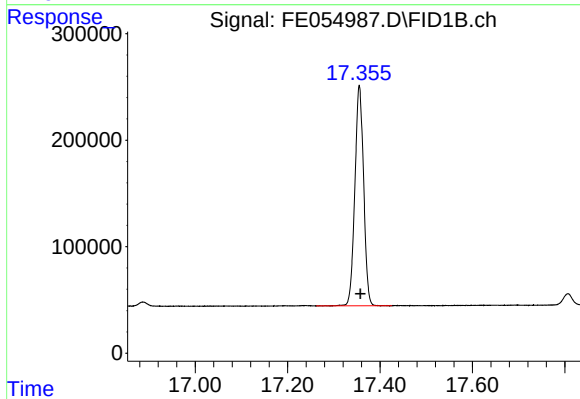
#14 n-Tetracosane (C24)

R.T.: 15.381 min
Delta R.T.: -0.002 min
Response: 2758025
Conc: 18.97 ug/ml



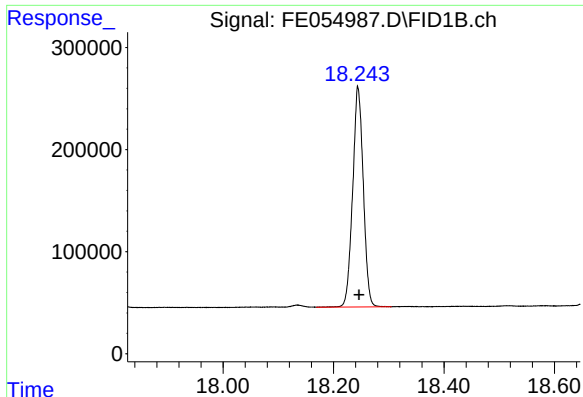
#15 n-Hexacosane (C26)

R.T.: 16.404 min
Delta R.T.: 0.000 min
Response: 2716195
Conc: 18.77 ug/ml



#16 n-Octacosane (C28)

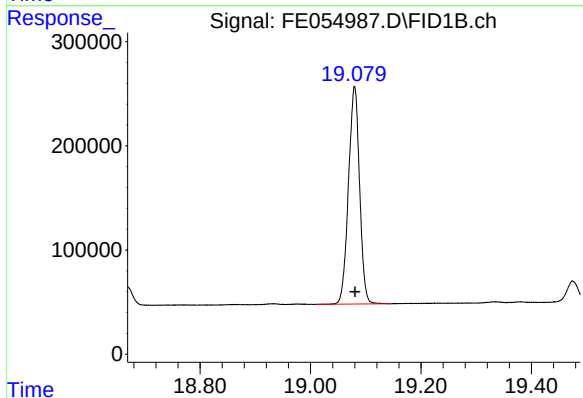
R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 2718066
Conc: 18.65 ug/ml



#17 n-Tricontane (C30)

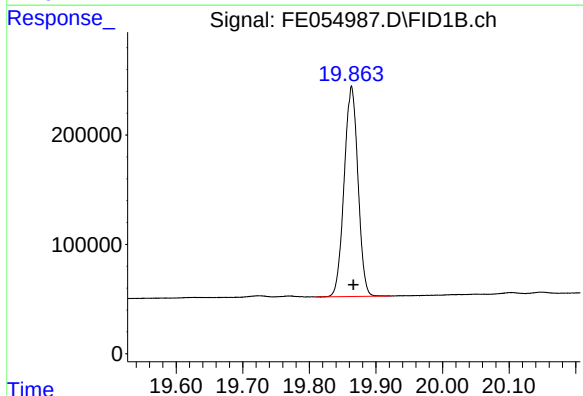
R.T.: 18.245 min
Delta R.T.: -0.002 min
Response: 2881542
Conc: 18.29 ug/ml

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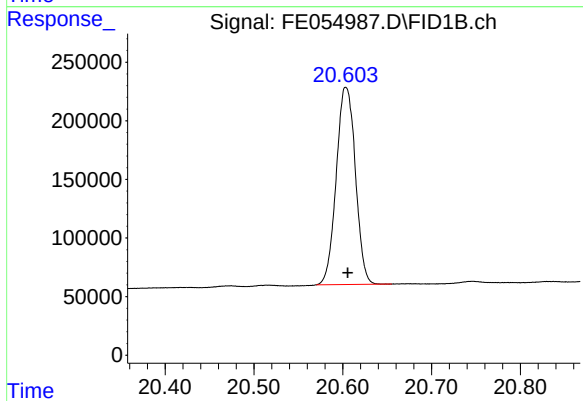
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: -0.001 min
Response: 2918178
Conc: 18.04 ug/ml



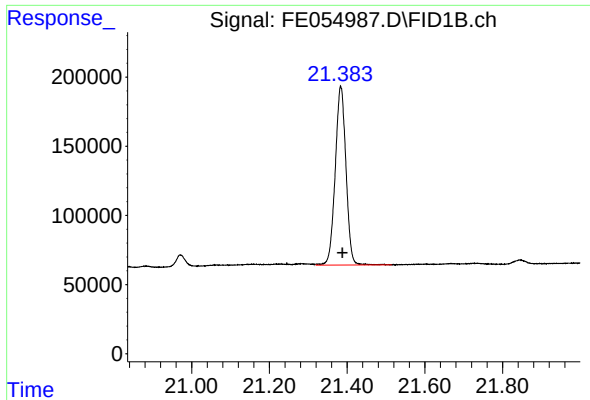
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 2771396
Conc: 18.19 ug/ml



#20 n-Hexatriacontane (C36)

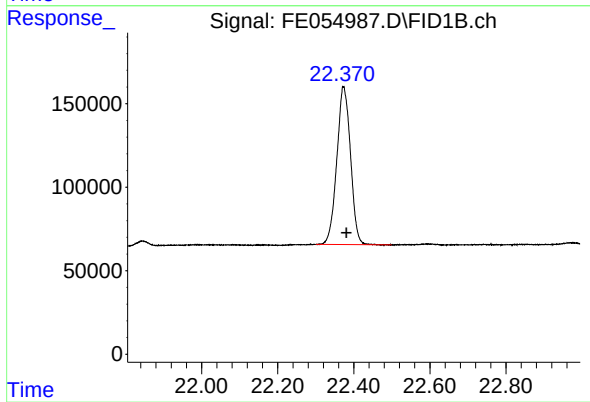
R.T.: 20.604 min
Delta R.T.: -0.002 min
Response: 2519616
Conc: 18.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.004 min
Response: 2475808
Conc: 21.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.373 min
Delta R.T.: -0.008 min
Response: 2362487
Conc: 21.80 ug/ml