

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091825AL\
 Data File : FE055893.D
 Signal(s) : FID1B.ch
 Acq On : 18 Sep 2025 11:56
 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: autoint1.e
 Quant Time: Sep 18 13:33:54 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)	12.075	3222911	19.618 ug/ml
Spiked Amount 50.000		Recovery =	39.24%
12) S 1-chlorooctadecane (S...	13.513	2461252	19.683 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.411	2083950	16.422 ug/ml
2) T n-Decane (C10)	4.670	2243663	17.515 ug/ml
3) T A~Naphthalene (C11.7)	6.391	2644488	18.202 ug/ml
4) T n-Dodecane (C12)	6.846	2335408	17.935 ug/ml
5) T A~2-methylnaphthalene...	7.492	2611657	18.568 ug/ml
6) T n-Tetradecane (C14)	8.683	2445305	18.568 ug/ml
7) T n-Hexadecane (C16)	10.299	2688227	19.410 ug/ml
8) T n-Octadecane (C18)	11.749	2921120	20.027 ug/ml
10) T n-Eicosane (C20)	13.064	2915024	20.251 ug/ml
11) T n-Heneicosane (C21)	13.679	2854020	19.980 ug/ml
13) T n-Docosane (C22)	14.267	2852363	19.926 ug/ml
14) T n-Tetracosane (C24)	15.374	2845870	19.668 ug/ml
15) T n-Hexacosane (C26)	16.399	2647074	18.529 ug/ml
16) T n-Octacosane (C28)	17.351	2616066	18.392 ug/ml
17) T n-Tricontane (C30)	18.241	2850477	19.284 ug/ml
18) T n-Dotriacontane (C32)	19.075	2950561	20.102 ug/ml
19) T n-Tetratriacontane (C34)	19.860	2729738	19.321 ug/ml
20) T n-Hexatriacontane (C36)	20.602	2432108	18.431 ug/ml
21) T n-Octatriacontane (C38)	21.379	2346394	18.016 ug/ml
22) T n-Tetracontane (C40)	22.367	2343051	18.271 ug/ml

(f)=RT Delta > 1/2 Window

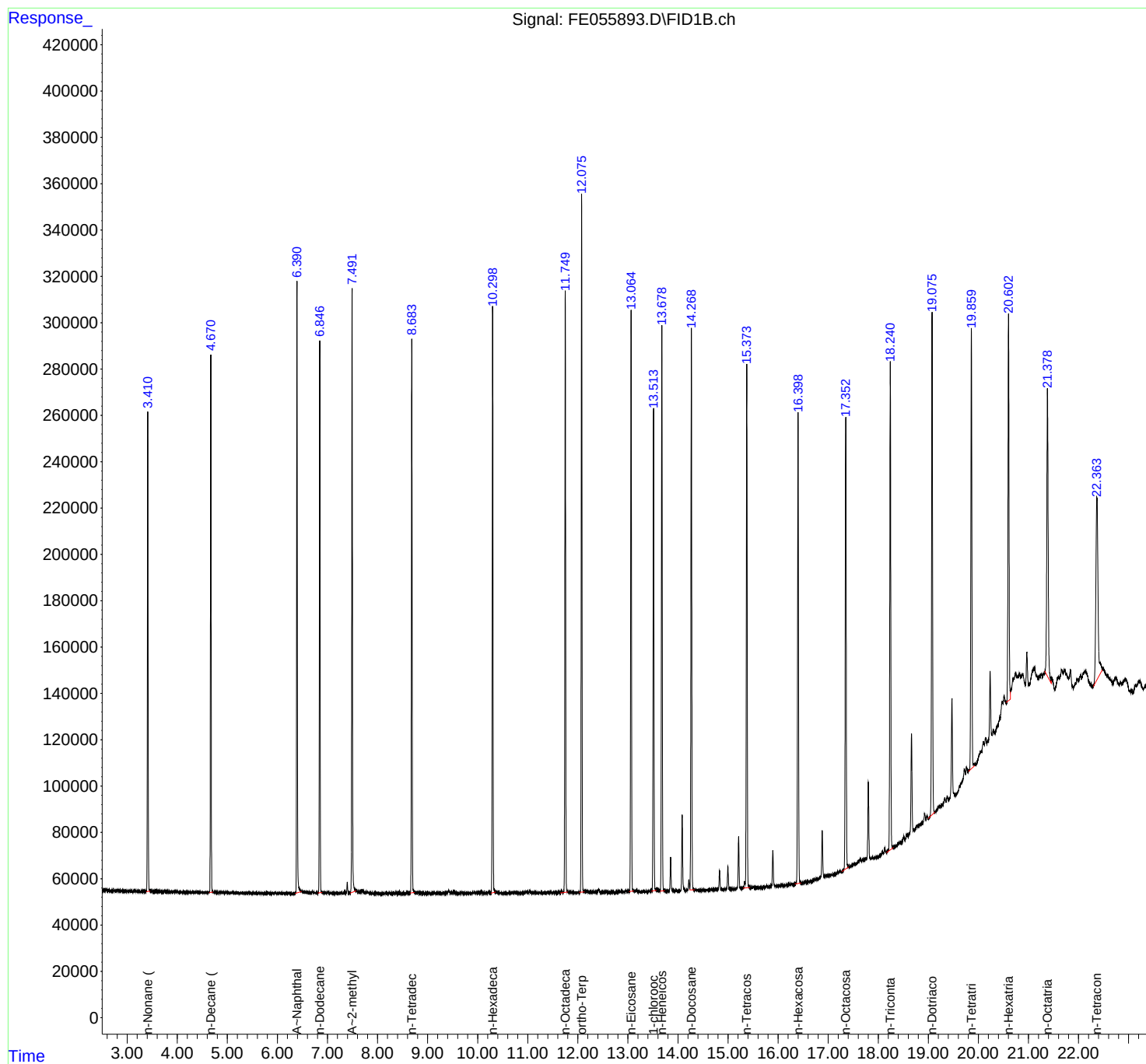
(m)=manual int.

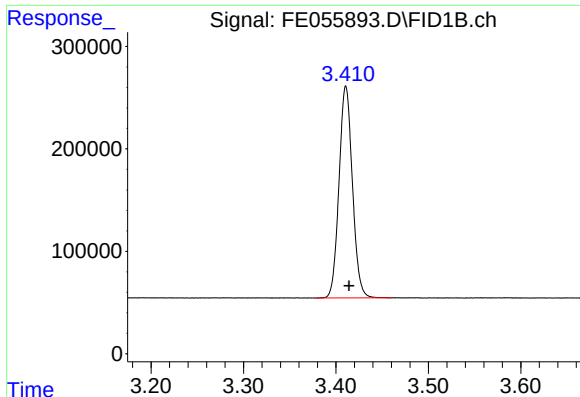
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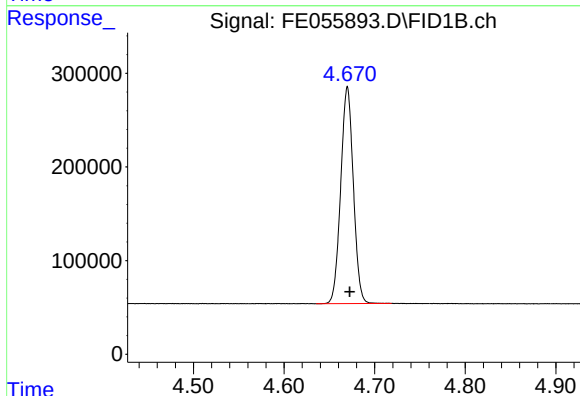




#1 n-Nonane (C9)

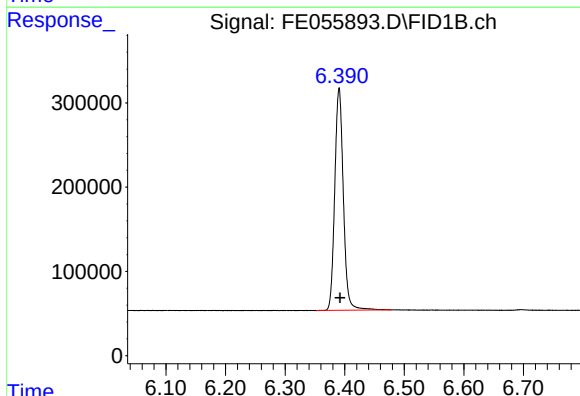
R.T.: 3.411 min
Delta R.T.: -0.003 min
Response: 2083950
Conc: 16.42 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



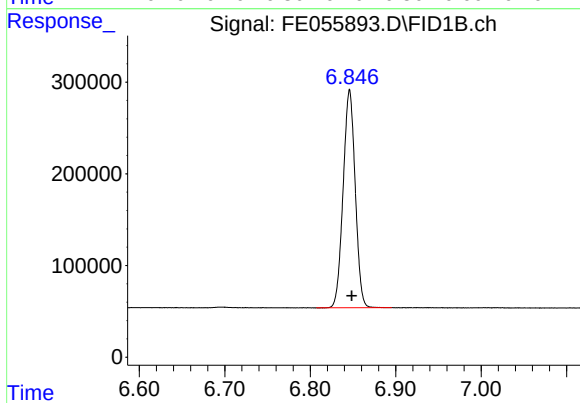
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 2243663
Conc: 17.52 ug/ml



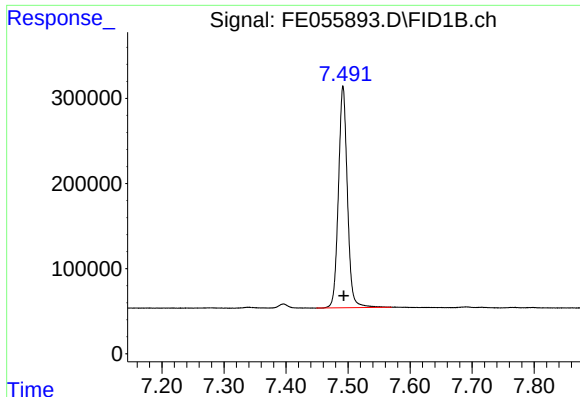
#3 A~Naphthalene (C11.7)

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 2644488
Conc: 18.20 ug/ml



#4 n-Dodecane (C12)

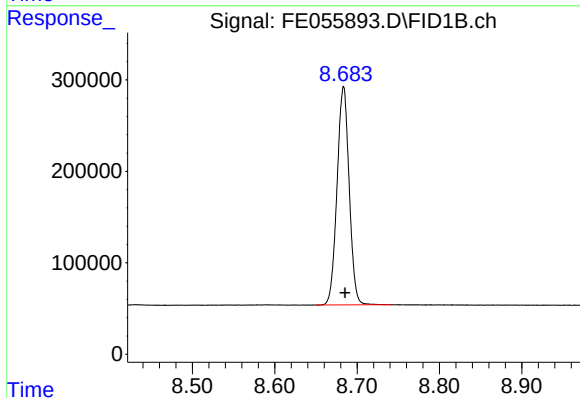
R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 2335408
Conc: 17.94 ug/ml



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

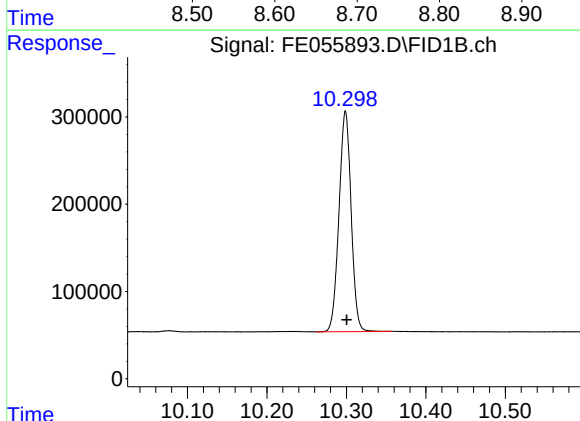
R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 2611657
Conc: 18.57 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



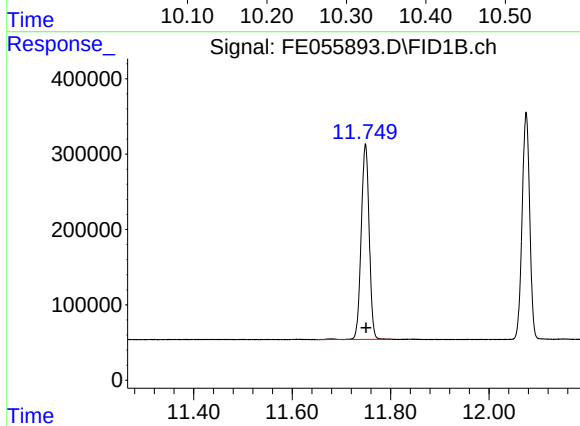
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 2445305
Conc: 18.57 ug/ml



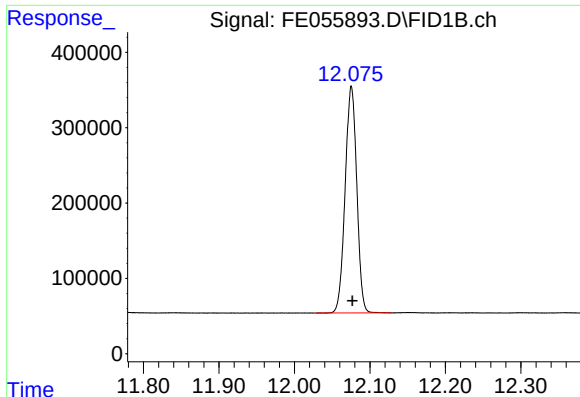
#7 n-Hexadecane (C16)

R.T.: 10.299 min
Delta R.T.: -0.001 min
Response: 2688227
Conc: 19.41 ug/ml



#8 n-Octadecane (C18)

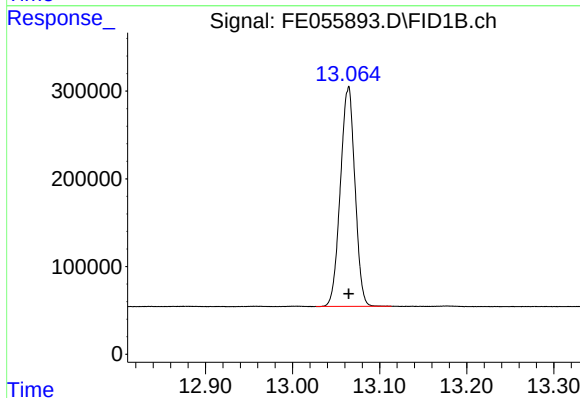
R.T.: 11.749 min
Delta R.T.: -0.001 min
Response: 2921120
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

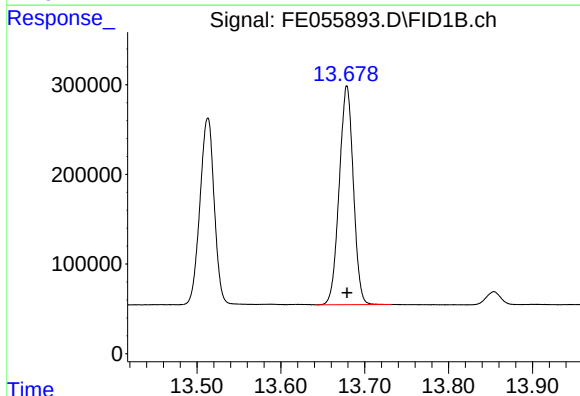
R.T.: 12.075 min
Delta R.T.: -0.001 min
Response: 3222911
Conc: 19.62 ug/ml

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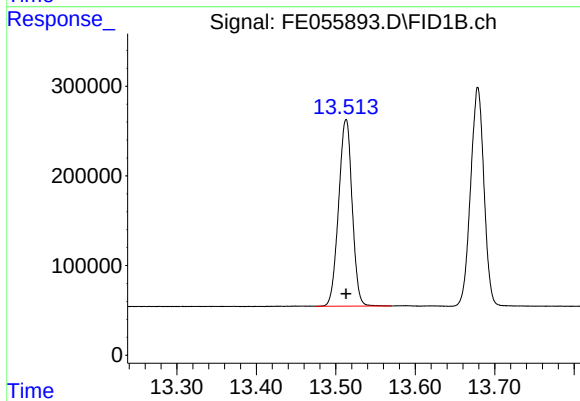
#10 n-Eicosane (C20)

R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2915024
Conc: 20.25 ug/ml



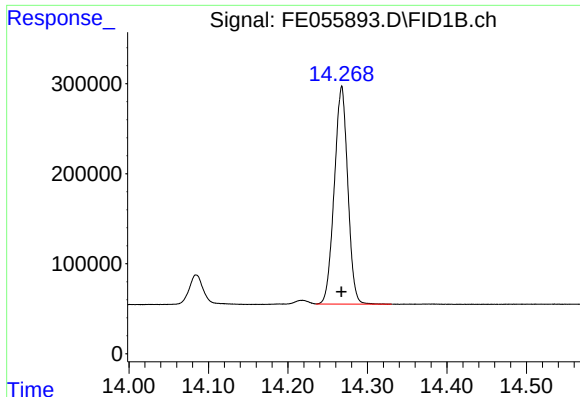
#11 n-Heneicosane (C21)

R.T.: 13.679 min
Delta R.T.: 0.000 min
Response: 2854020
Conc: 19.98 ug/ml



#12 1-chlorooctadecane (SURR)

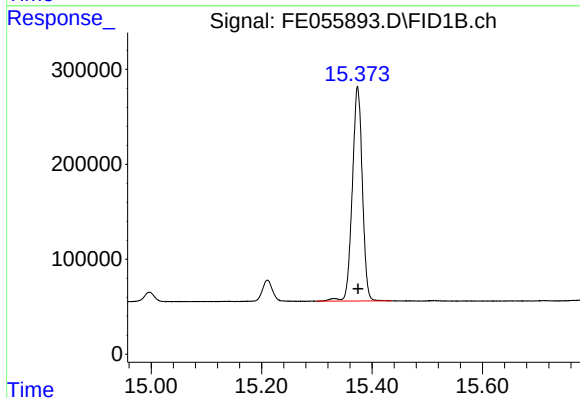
R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 2461252
Conc: 19.68 ug/ml



#13 n-Docosane (C22)

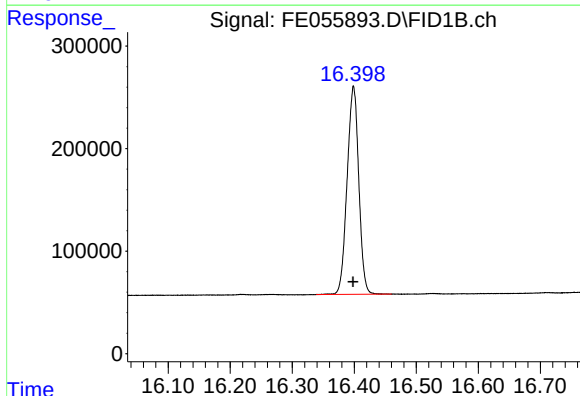
R.T.: 14.267 min
Delta R.T.: 0.000 min
Response: 2852363
Conc: 19.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



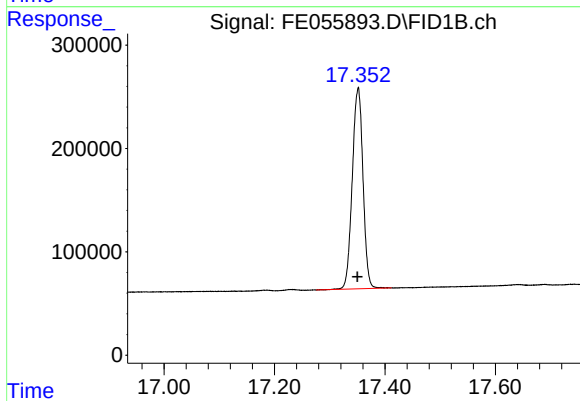
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.000 min
Response: 2845870
Conc: 19.67 ug/ml



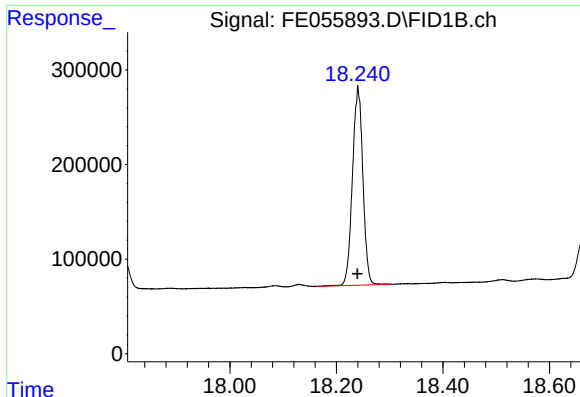
#15 n-Hexacosane (C26)

R.T.: 16.399 min
Delta R.T.: 0.000 min
Response: 2647074
Conc: 18.53 ug/ml



#16 n-Octacosane (C28)

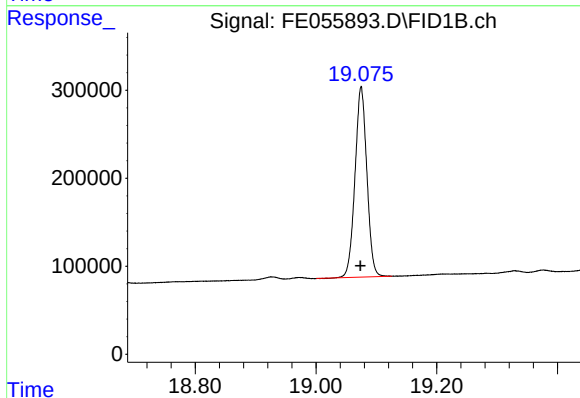
R.T.: 17.351 min
Delta R.T.: 0.001 min
Response: 2616066
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

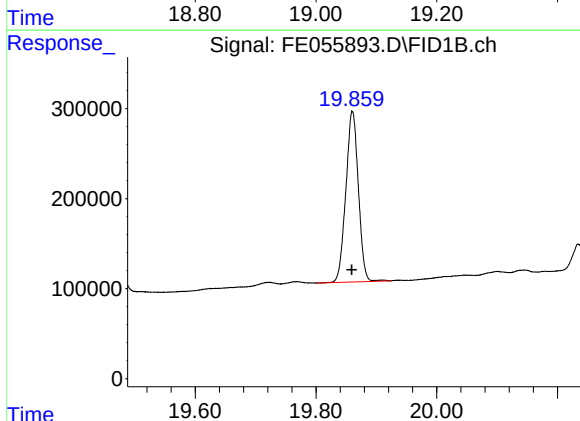
R.T.: 18.241 min
Delta R.T.: 0.000 min
Response: 2850477
Conc: 19.28 ug/ml

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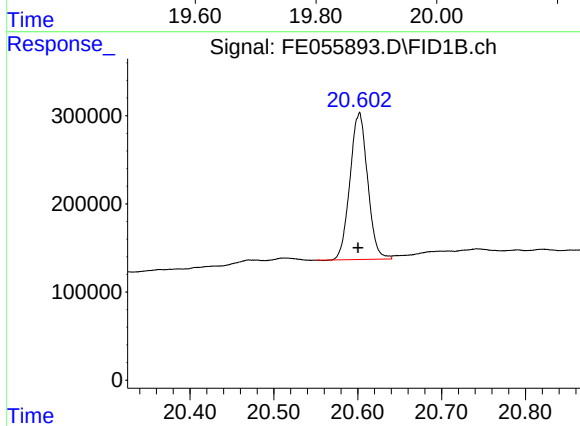
#18 n-Dotriacontane (C32)

R.T.: 19.075 min
Delta R.T.: 0.001 min
Response: 2950561
Conc: 20.10 ug/ml



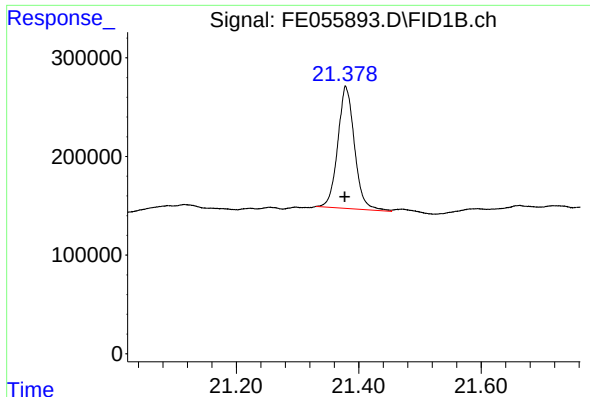
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.001 min
Response: 2729738
Conc: 19.32 ug/ml



#20 n-Hexatriacontane (C36)

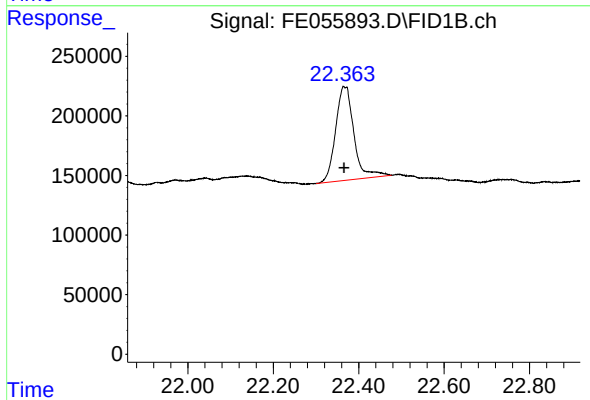
R.T.: 20.602 min
Delta R.T.: 0.001 min
Response: 2432108
Conc: 18.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.379 min
Delta R.T.: 0.002 min
Response: 2346394
Conc: 18.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.367 min
Delta R.T.: 0.000 min
Response: 2343051
Conc: 18.27 ug/ml