

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090325AL\
 Data File : FE055653.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2025 23:02
 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 04 05:16:23 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	3346737	20.372 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
12) S 1-chlorooctadecane (S...	13.510	2541684	20.326 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
Target Compounds			
1) T n-Nonane (C9)	3.412	2516474	19.830 ug/ml
2) T n-Decane (C10)	4.670	2600973	20.305 ug/ml
3) T A~Naphthalene (C11.7)	6.389	2964248	20.403 ug/ml
4) T n-Dodecane (C12)	6.846	2667332	20.485 ug/ml
5) T A~2-methylnaphthalene...	7.490	2870008	20.405 ug/ml
6) T n-Tetradecane (C14)	8.683	2701101	20.511 ug/ml
7) T n-Hexadecane (C16)	10.298	2842664	20.525 ug/ml
8) T n-Octadecane (C18)	11.747	2994866	20.532 ug/ml
10) T n-Eicosane (C20)	13.062	2943317	20.447 ug/ml
11) T n-Heneicosane (C21)	13.676	2912868	20.392 ug/ml
13) T n-Docosane (C22)	14.265	2939396	20.534 ug/ml
14) T n-Tetracosane (C24)	15.372	2983043	20.616 ug/ml
15) T n-Hexacosane (C26)	16.396	2909532	20.366 ug/ml
16) T n-Octacosane (C28)	17.348	2924920	20.564 ug/ml
17) T n-Tricontane (C30)	18.239	3096437	20.947 ug/ml
18) T n-Dotriacontane (C32)	19.073	3157764	21.514 ug/ml
19) T n-Tetratriacontane (C34)	19.858	3023223	21.398 ug/ml
20) T n-Hexatriacontane (C36)	20.600	2793388	21.169 ug/ml
21) T n-Octatriacontane (C38)	21.377	2699602	20.728 ug/ml
22) T n-Tetracontane (C40)	22.364	2627273	20.487 ug/ml

(f)=RT Delta > 1/2 Window

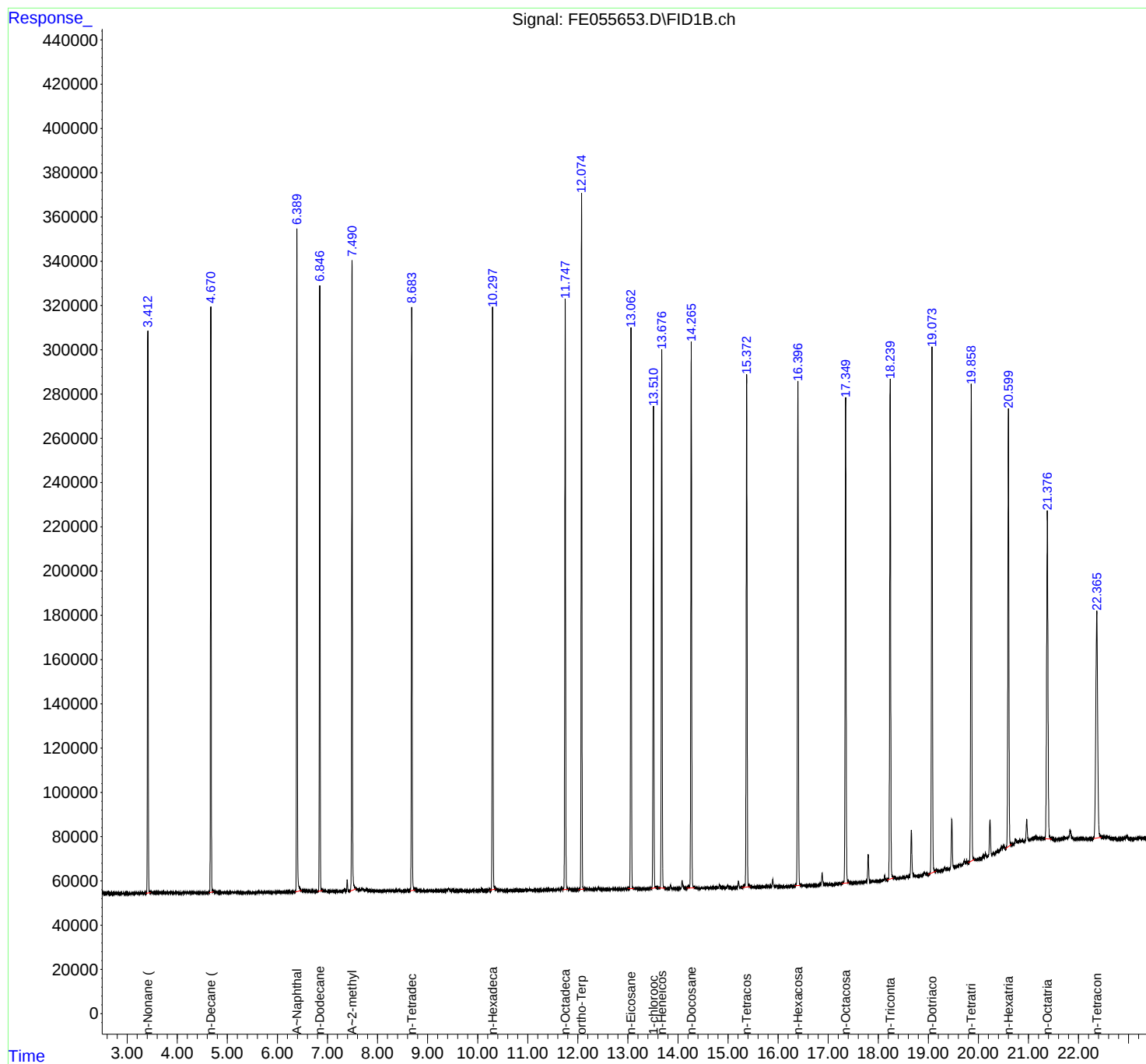
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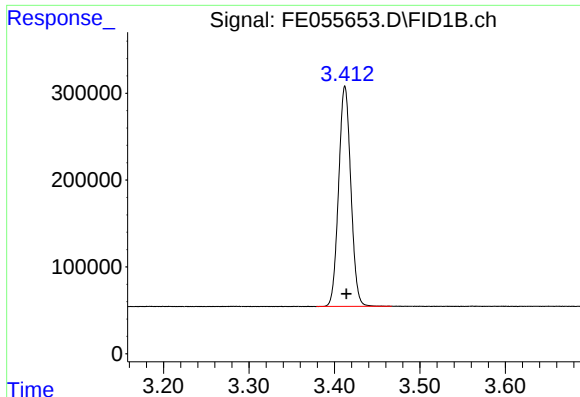
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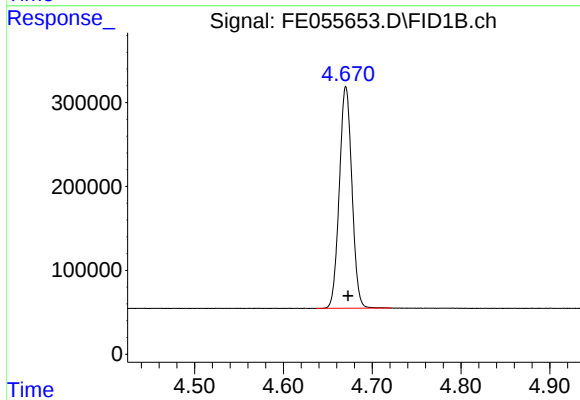




#1 n-Nonane (C9)

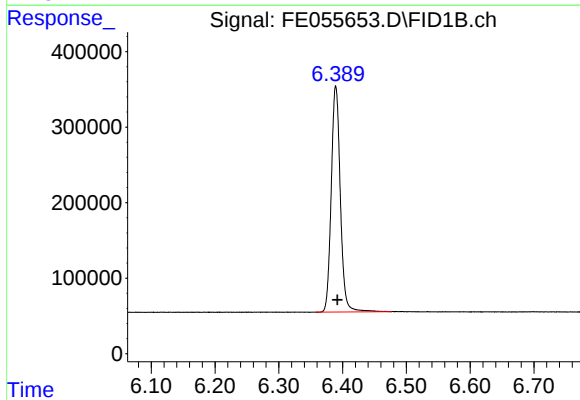
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 2516474
Conc: 19.83 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



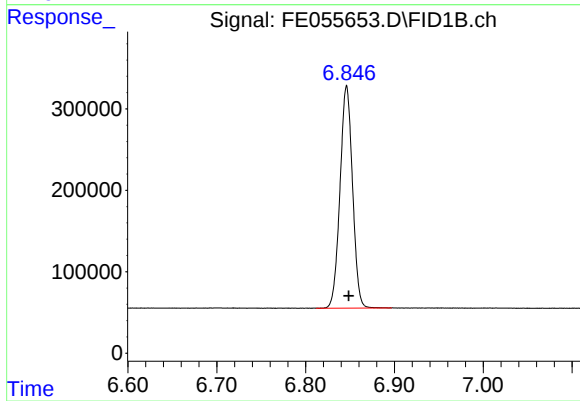
#2 n-Decane (C10)

R.T.: 4.670 min
Delta R.T.: -0.002 min
Response: 2600973
Conc: 20.30 ug/ml



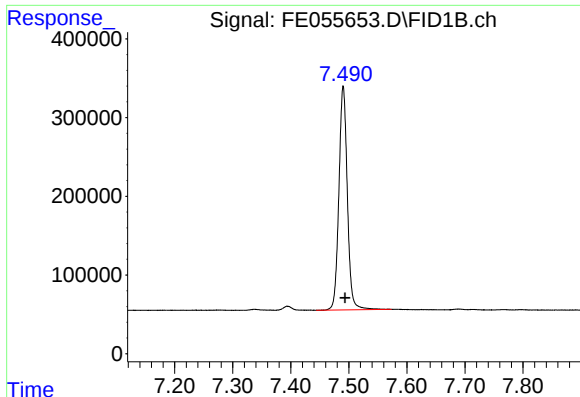
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 2964248
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

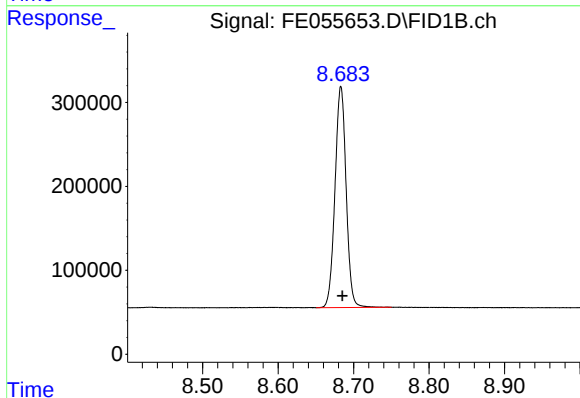
R.T.: 6.846 min
Delta R.T.: -0.002 min
Response: 2667332
Conc: 20.48 ug/ml



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

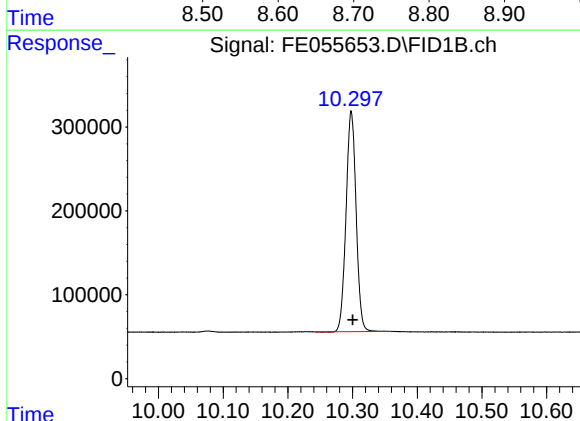
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 2870008
Conc: 20.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



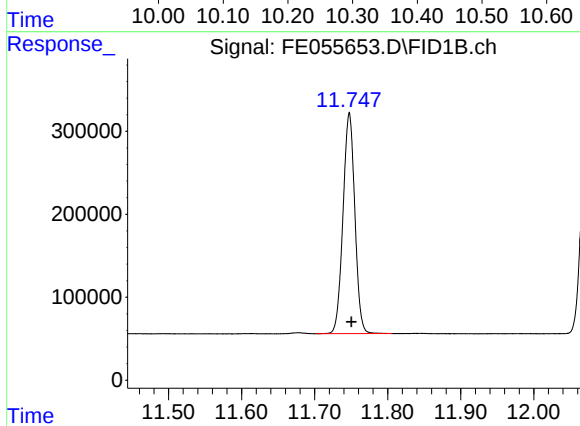
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 2701101
Conc: 20.51 ug/ml



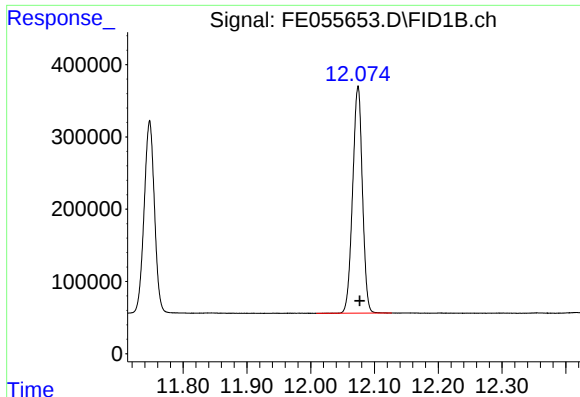
#7 n-Hexadecane (C16)

R.T.: 10.298 min
Delta R.T.: -0.002 min
Response: 2842664
Conc: 20.53 ug/ml



#8 n-Octadecane (C18)

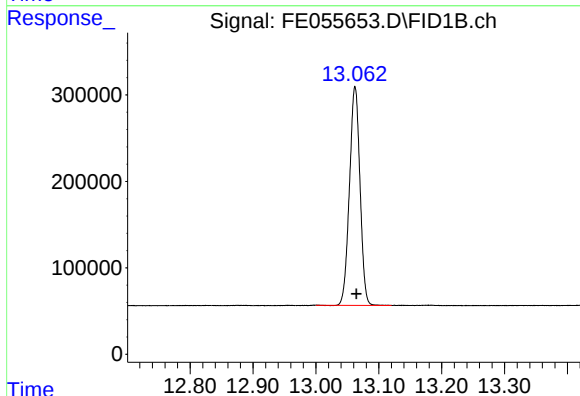
R.T.: 11.747 min
Delta R.T.: -0.003 min
Response: 2994866
Conc: 20.53 ug/ml



#9 ortho-Terphenyl (SURR)

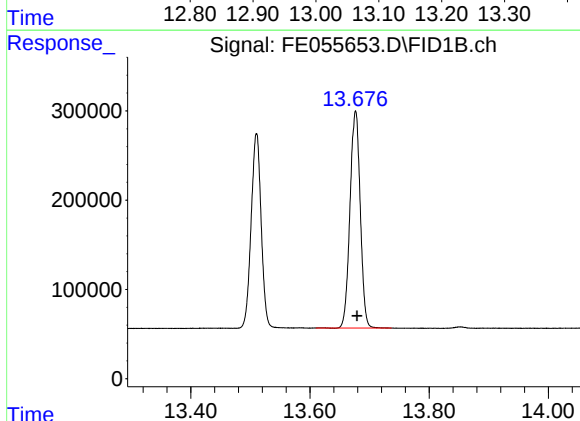
R.T.: 12.074 min
Delta R.T.: -0.003 min
Response: 3346737
Conc: 20.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



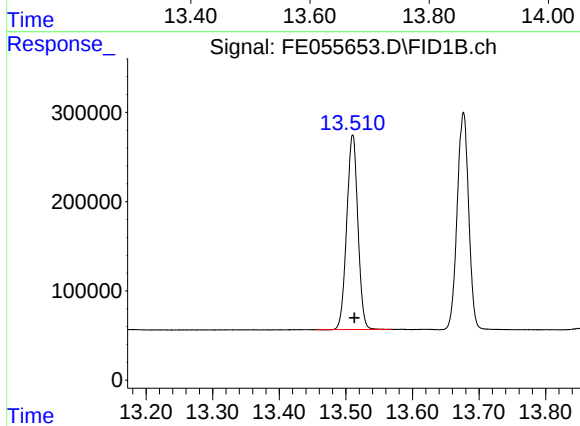
#10 n-Eicosane (C20)

R.T.: 13.062 min
Delta R.T.: -0.002 min
Response: 2943317
Conc: 20.45 ug/ml



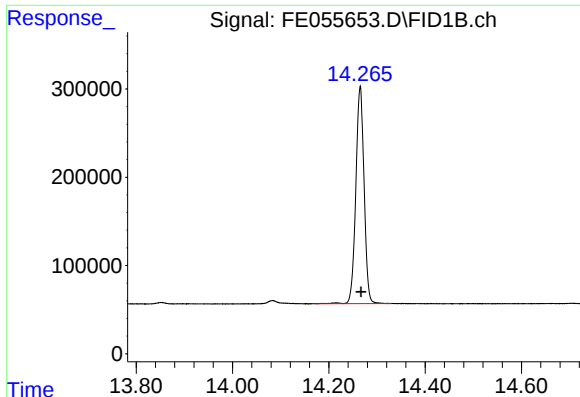
#11 n-Heneicosane (C21)

R.T.: 13.676 min
Delta R.T.: -0.002 min
Response: 2912868
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

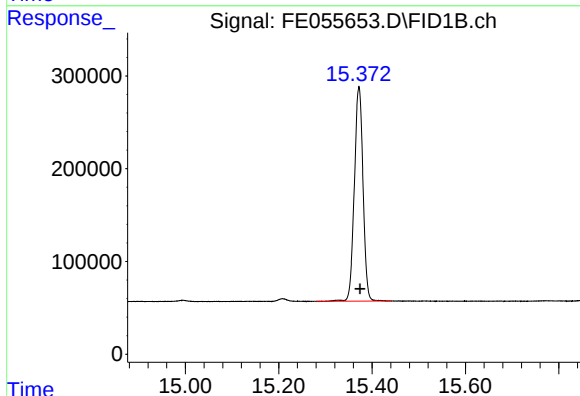
R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 2541684
Conc: 20.33 ug/ml



#13 n-Docosane (C22)

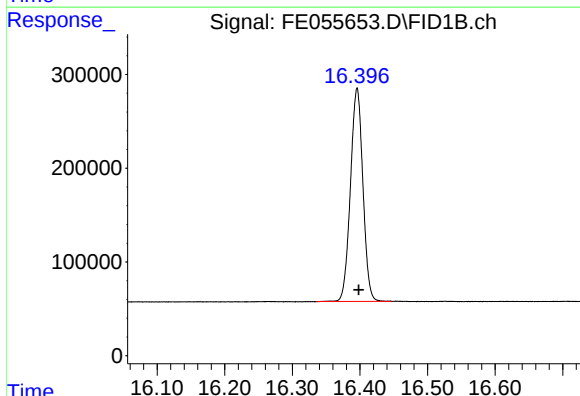
R.T.: 14.265 min
Delta R.T.: -0.002 min
Response: 2939396
Conc: 20.53 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



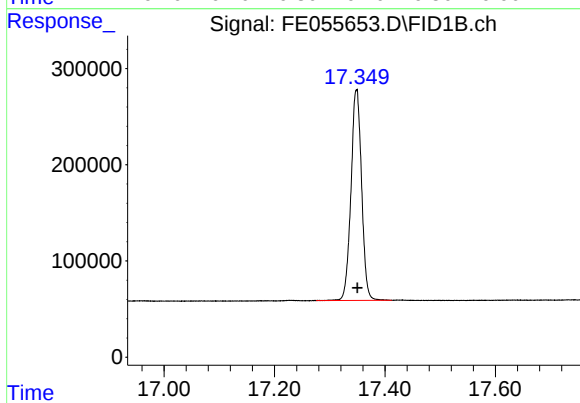
#14 n-Tetracosane (C24)

R.T.: 15.372 min
Delta R.T.: -0.003 min
Response: 2983043
Conc: 20.62 ug/ml



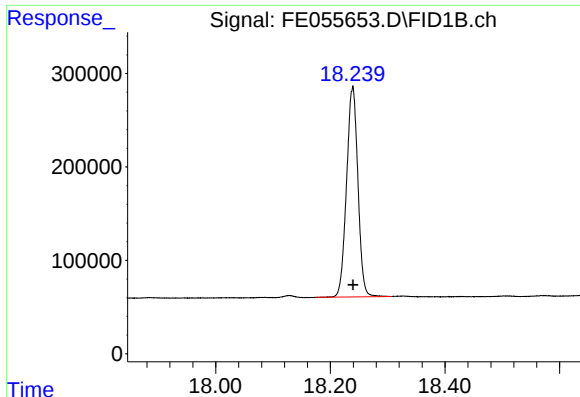
#15 n-Hexacosane (C26)

R.T.: 16.396 min
Delta R.T.: -0.003 min
Response: 2909532
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

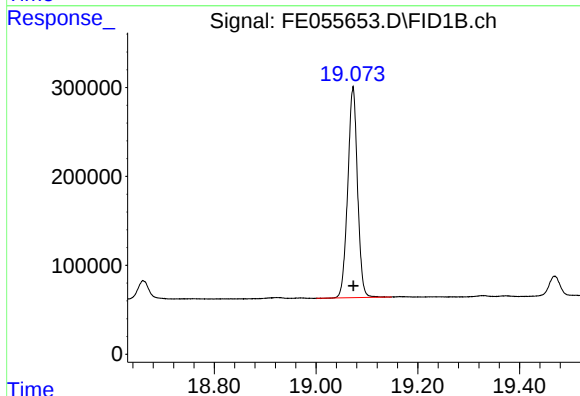
R.T.: 17.348 min
Delta R.T.: -0.002 min
Response: 2924920
Conc: 20.56 ug/ml



#17 n-Tricontane (C30)

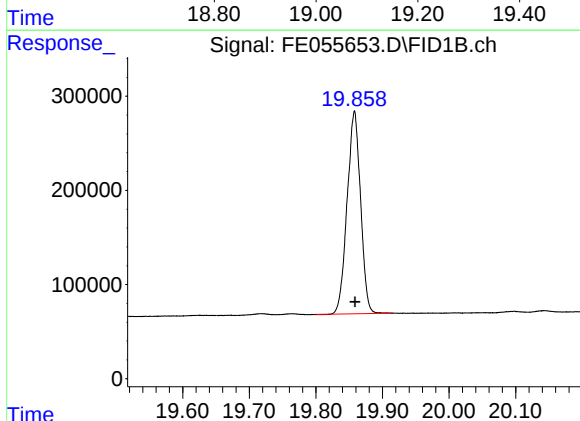
R.T.: 18.239 min
Delta R.T.: 0.000 min
Response: 3096437
Conc: 20.95 ug/ml

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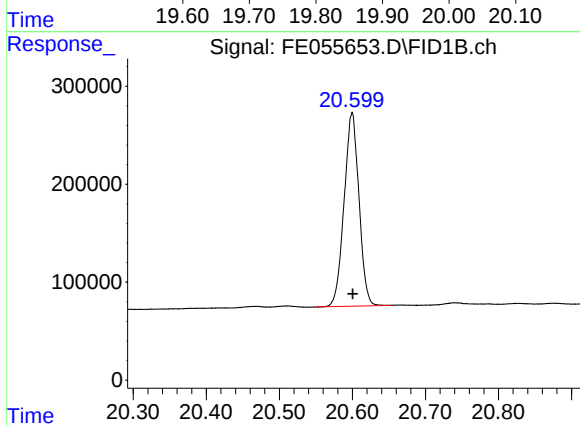
#18 n-Dotriacontane (C32)

R.T.: 19.073 min
Delta R.T.: -0.001 min
Response: 3157764
Conc: 21.51 ug/ml



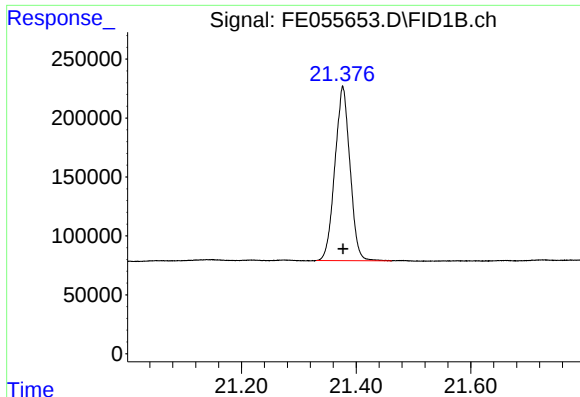
#19 n-Tetratriacontane (C34)

R.T.: 19.858 min
Delta R.T.: -0.001 min
Response: 3023223
Conc: 21.40 ug/ml



#20 n-Hexatriacontane (C36)

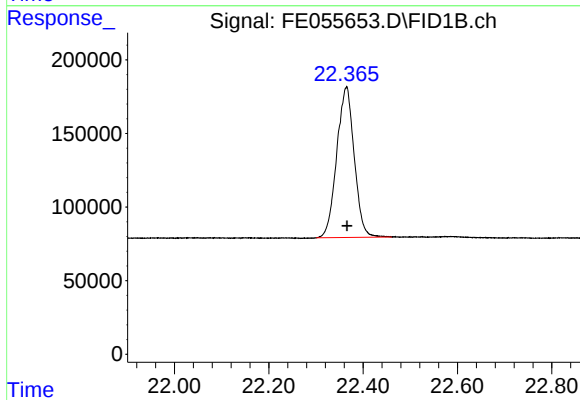
R.T.: 20.600 min
Delta R.T.: -0.001 min
Response: 2793388
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: 0.000 min
Response: 2699602
Conc: 20.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.364 min
Delta R.T.: -0.001 min
Response: 2627273
Conc: 20.49 ug/ml