

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056289.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2025 00:26
 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: Oct 10 01:55:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.060	3636599	19.379 ug/ml
Spiked Amount 50.000		Recovery =	38.76%
12) S 1-chlorooctadecane (S...	13.497	2718141	19.476 ug/ml
Spiked Amount 50.000		Recovery =	38.95%
Target Compounds			
1) T n-Nonane (C9)	3.405	2099019	15.322 ug/ml
2) T n-Decane (C10)	4.663	2254993	16.157 ug/ml
3) T A~Naphthalene (C11.7)	6.381	2825047	17.694 ug/ml
4) T n-Dodecane (C12)	6.837	2472656	17.228 ug/ml
5) T A~2-methylnaphthalene...	7.481	2827458	18.181 ug/ml
6) T n-Tetradecane (C14)	8.672	2700686	18.267 ug/ml
7) T n-Hexadecane (C16)	10.286	3046185	19.169 ug/ml
8) T n-Octadecane (C18)	11.734	3299065	19.477 ug/ml
10) T n-Eicosane (C20)	13.048	3224070	19.450 ug/ml
11) T n-Heneicosane (C21)	13.662	3137073	19.306 ug/ml
13) T n-Docosane (C22)	14.250	3088583	19.329 ug/ml
14) T n-Tetracosane (C24)	15.356	2982801	19.575 ug/ml
15) T n-Hexacosane (C26)	16.380	2751245	19.289 ug/ml
16) T n-Octacosane (C28)	17.332	2737280	19.649 ug/ml
17) T n-Tricontane (C30)	18.220	2921392	19.715 ug/ml
18) T n-Dotriacontane (C32)	19.054	3073752	20.602 ug/ml
19) T n-Tetratriacontane (C34)	19.839	2940003	20.785 ug/ml
20) T n-Hexatriacontane (C36)	20.580	2589285	20.170 ug/ml
21) T n-Octatriacontane (C38)	21.351	2389067	18.190 ug/ml
22) T n-Tetracontane (C40)	22.328	2178794	18.314 ug/ml

(f)=RT Delta > 1/2 Window

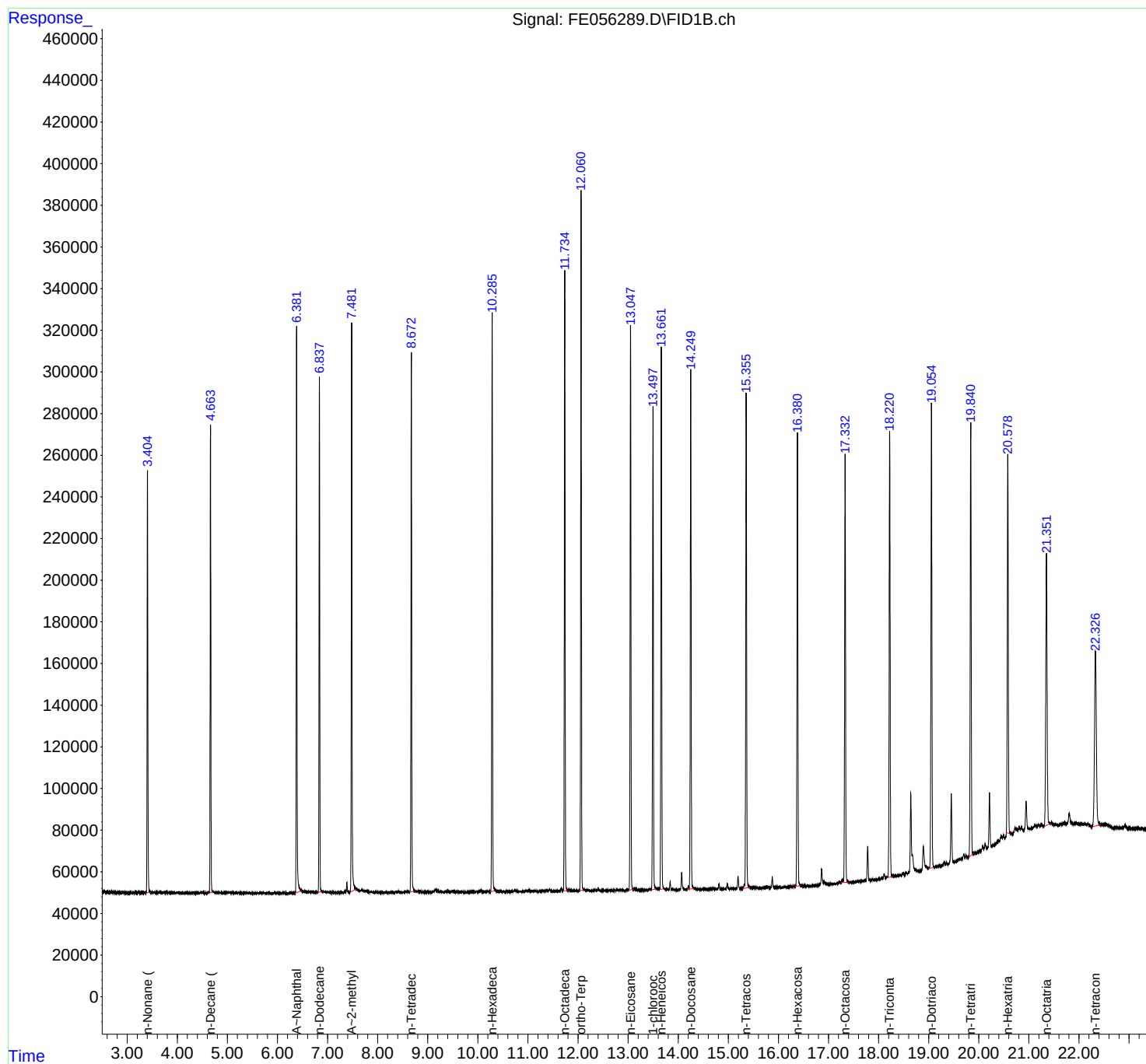
(m)=manual int.

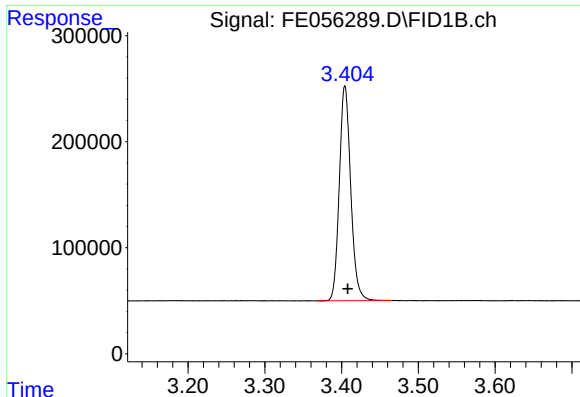
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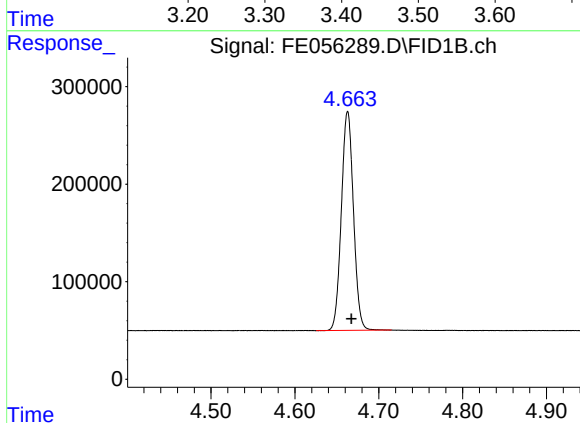




#1 n-Nonane (C9)

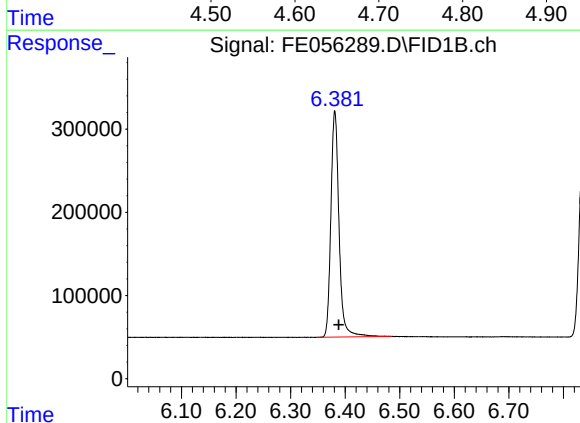
R.T.: 3.405 min
Delta R.T.: -0.003 min
Response: 2099019
Conc: 15.32 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



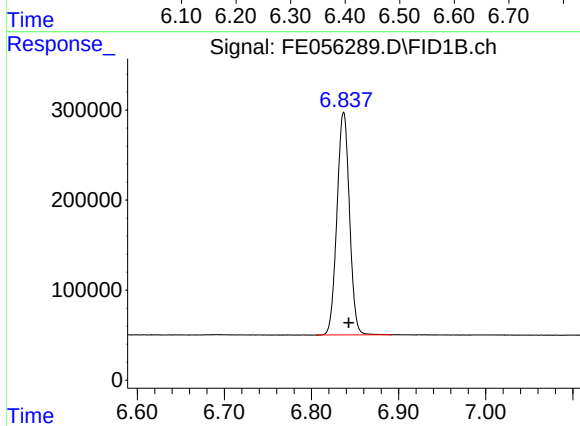
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2254993
Conc: 16.16 ug/ml



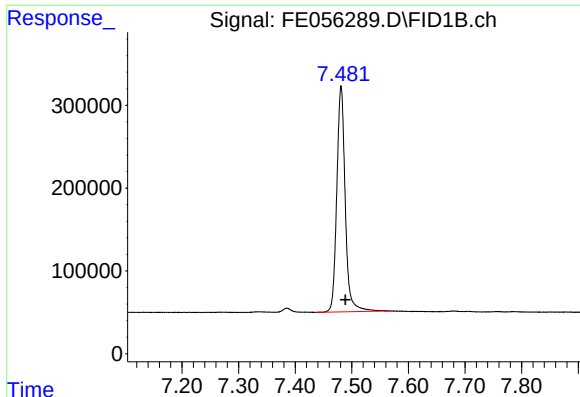
#3 A~Naphthalene (C11.7)

R.T.: 6.381 min
Delta R.T.: -0.007 min
Response: 2825047
Conc: 17.69 ug/ml



#4 n-Dodecane (C12)

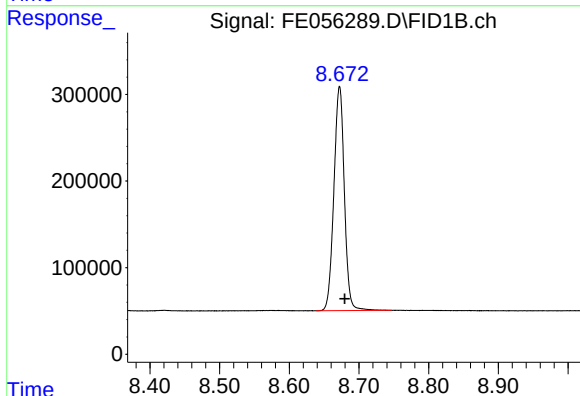
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 2472656
Conc: 17.23 ug/ml



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

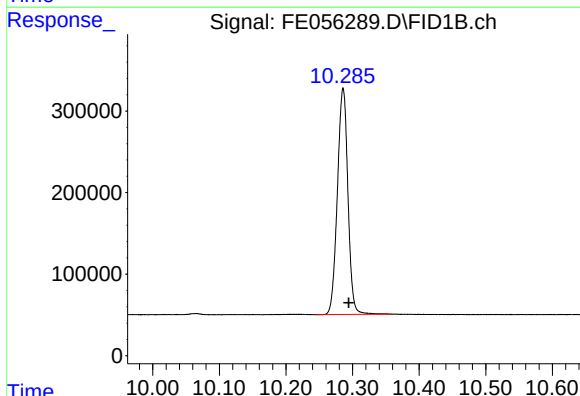
R.T.: 7.481 min
Delta R.T.: -0.008 min
Response: 2827458
Conc: 18.18 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



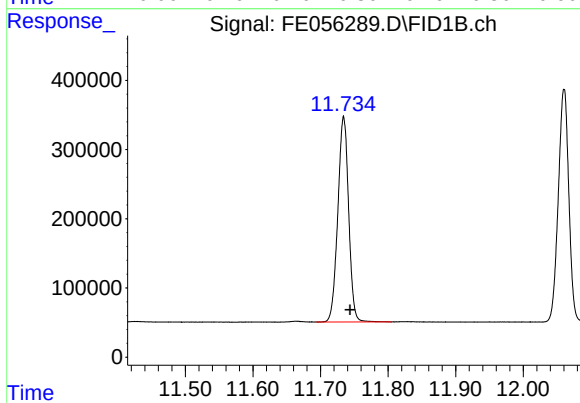
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.007 min
Response: 2700686
Conc: 18.27 ug/ml



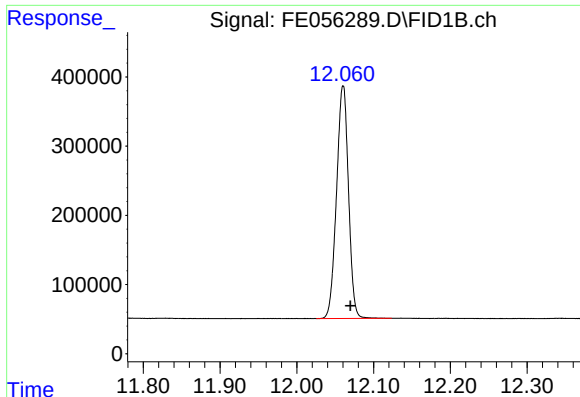
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.009 min
Response: 3046185
Conc: 19.17 ug/ml



#8 n-Octadecane (C18)

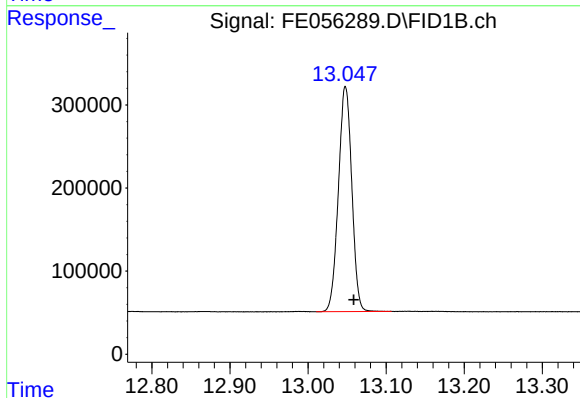
R.T.: 11.734 min
Delta R.T.: -0.010 min
Response: 3299065
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

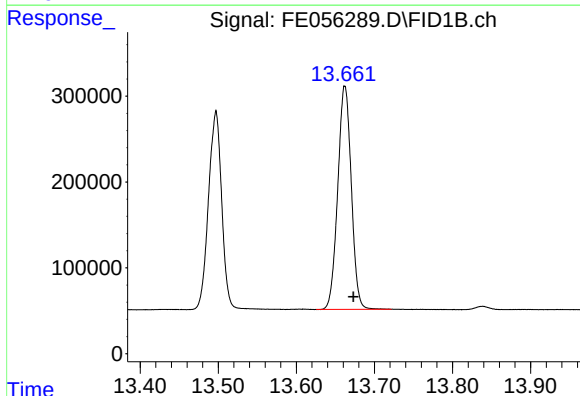
R.T.: 12.060 min
Delta R.T.: -0.010 min
Response: 3636599
Conc: 19.38 ug/ml

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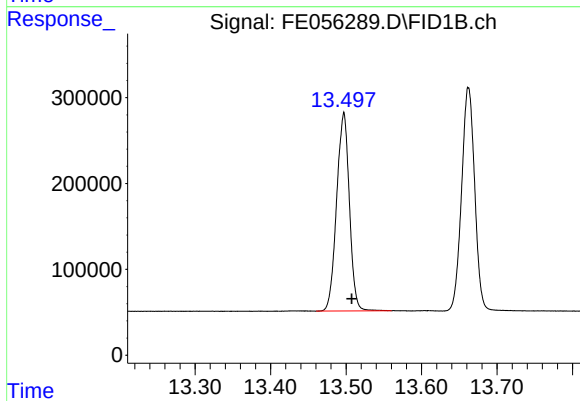
#10 n-Eicosane (C20)

R.T.: 13.048 min
Delta R.T.: -0.011 min
Response: 3224070
Conc: 19.45 ug/ml



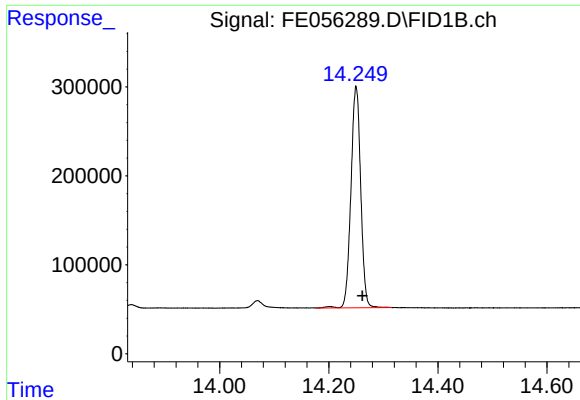
#11 n-Heneicosane (C21)

R.T.: 13.662 min
Delta R.T.: -0.011 min
Response: 3137073
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

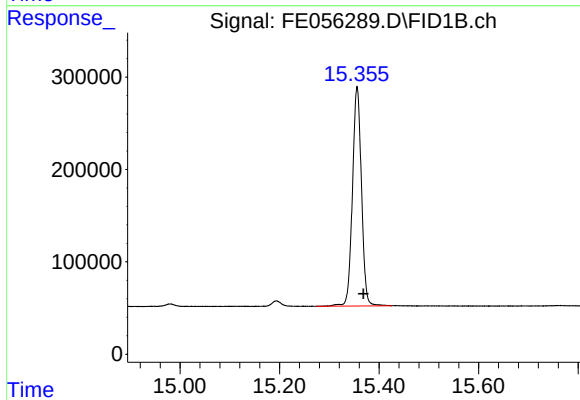
R.T.: 13.497 min
Delta R.T.: -0.011 min
Response: 2718141
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

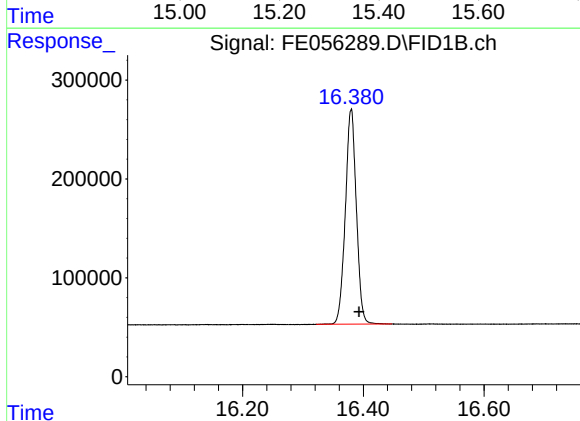
R.T.: 14.250 min
Delta R.T.: -0.011 min
Response: 3088583
Conc: 19.33 ug/ml

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20 PPM ALIPHATIC HC STD



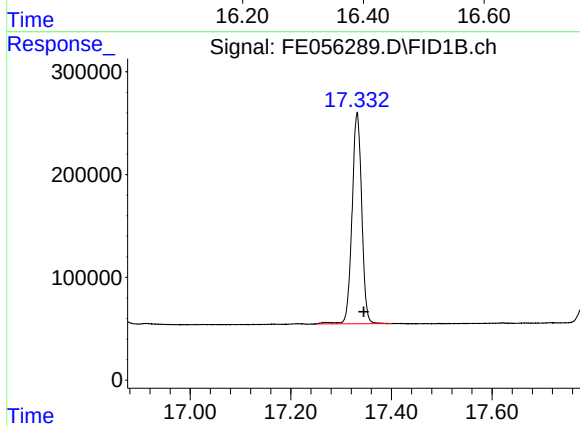
#14 n-Tetracosane (C24)

R.T.: 15.356 min
Delta R.T.: -0.013 min
Response: 2982801
Conc: 19.57 ug/ml



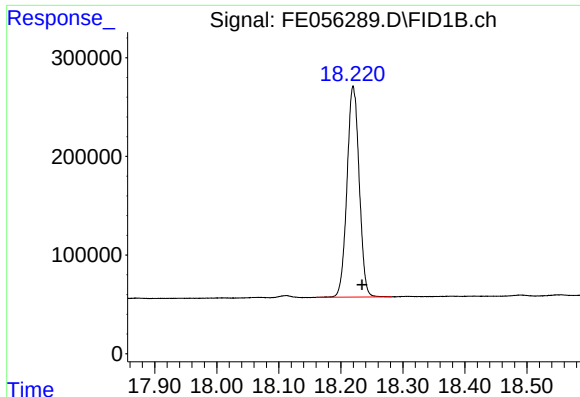
#15 n-Hexacosane (C26)

R.T.: 16.380 min
Delta R.T.: -0.013 min
Response: 2751245
Conc: 19.29 ug/ml



#16 n-Octacosane (C28)

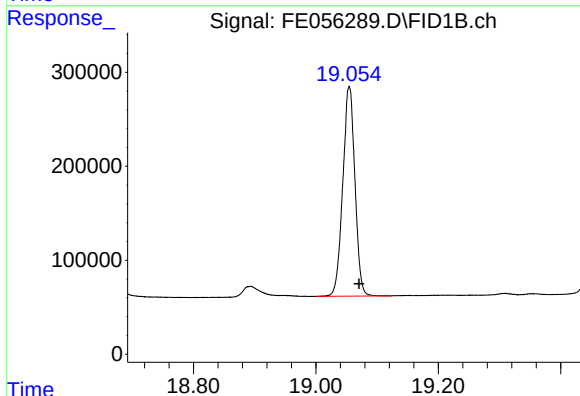
R.T.: 17.332 min
Delta R.T.: -0.013 min
Response: 2737280
Conc: 19.65 ug/ml



#17 n-Tricontane (C30)

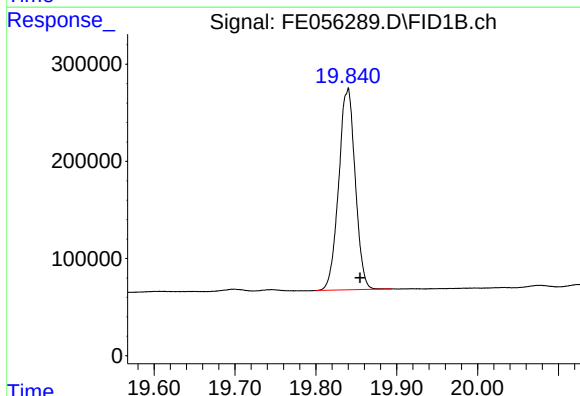
R.T.: 18.220 min
Delta R.T.: -0.015 min
Response: 2921392
Conc: 19.72 ug/ml

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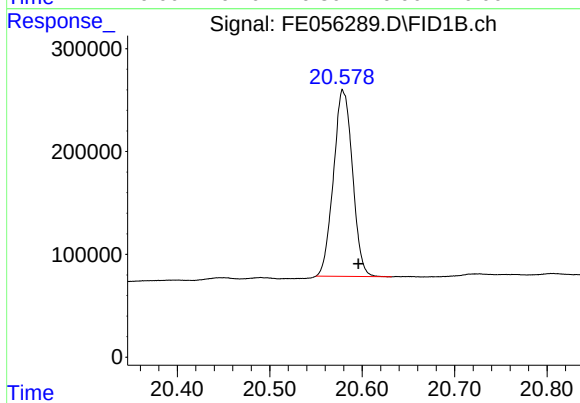
#18 n-Dotriacontane (C32)

R.T.: 19.054 min
Delta R.T.: -0.016 min
Response: 3073752
Conc: 20.60 ug/ml



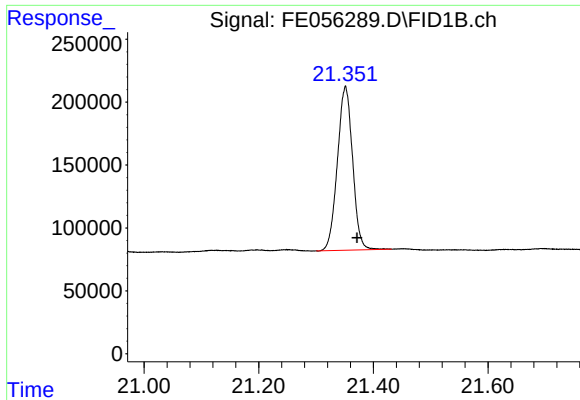
#19 n-Tetratriacontane (C34)

R.T.: 19.839 min
Delta R.T.: -0.016 min
Response: 2940003
Conc: 20.78 ug/ml



#20 n-Hexatriacontane (C36)

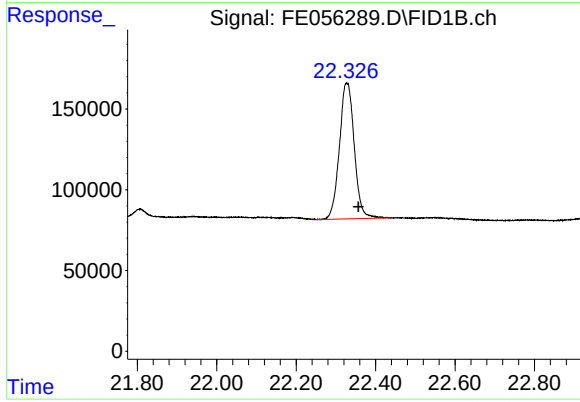
R.T.: 20.580 min
Delta R.T.: -0.017 min
Response: 2589285
Conc: 20.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.351 min
Delta R.T.: -0.020 min
Response: 2389067
Conc: 18.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.328 min
Delta R.T.: -0.029 min
Response: 2178794
Conc: 18.31 ug/ml