

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120723AL\
 Data File : FE045700.D
 Signal(s) : FID1B.ch
 Acq On : 07 Dec 2023 05:50
 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: Dec 07 10:13:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.858	4164977	19.917 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	13.301	3065798	19.484 ug/ml
Spiked Amount 50.000		Recovery =	38.97%
Target Compounds			
1) T n-Nonane (C9)	3.244	3391915	21.390 ug/ml
2) T n-Decane (C10)	4.495	3489907	21.794 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3802285	21.828 ug/ml
4) T n-Dodecane (C12)	6.662	3530675	21.858 ug/ml
5) T A~2-methylnaphthalene...	7.291	3709232	21.842 ug/ml
6) T n-Tetradecane (C14)	8.489	3495480	21.789 ug/ml
7) T n-Hexadecane (C16)	10.099	3556809	21.479 ug/ml
8) T n-Octadecane (C18)	11.544	3555140	20.736 ug/ml
10) T n-Eicosane (C20)	12.856	3422180	19.779 ug/ml
11) T n-Heneicosane (C21)	13.470	3340743	19.419 ug/ml
13) T n-Docosane (C22)	14.056	3286571	19.061 ug/ml
14) T n-Tetracosane (C24)	15.162	3197985	18.318 ug/ml
15) T n-Hexacosane (C26)	16.184	3084054	17.709 ug/ml
16) T n-Octacosane (C28)	17.137	3019130	17.468 ug/ml
17) T n-Tricontane (C30)	18.027	3074592	17.574 ug/ml
18) T n-Dotriacontane (C32)	18.861	3262477	17.883 ug/ml
19) T n-Tetratriacontane (C34)	19.646	2982514	17.974 ug/ml
20) T n-Hexatriacontane (C36)	20.390	2942793	18.539 ug/ml
21) T n-Octatriacontane (C38)	21.125	3011416	19.203 ug/ml
22) T n-Tetracontane (C40)	22.031	3441281	24.215 ug/mlm

(f)=RT Delta > 1/2 Window

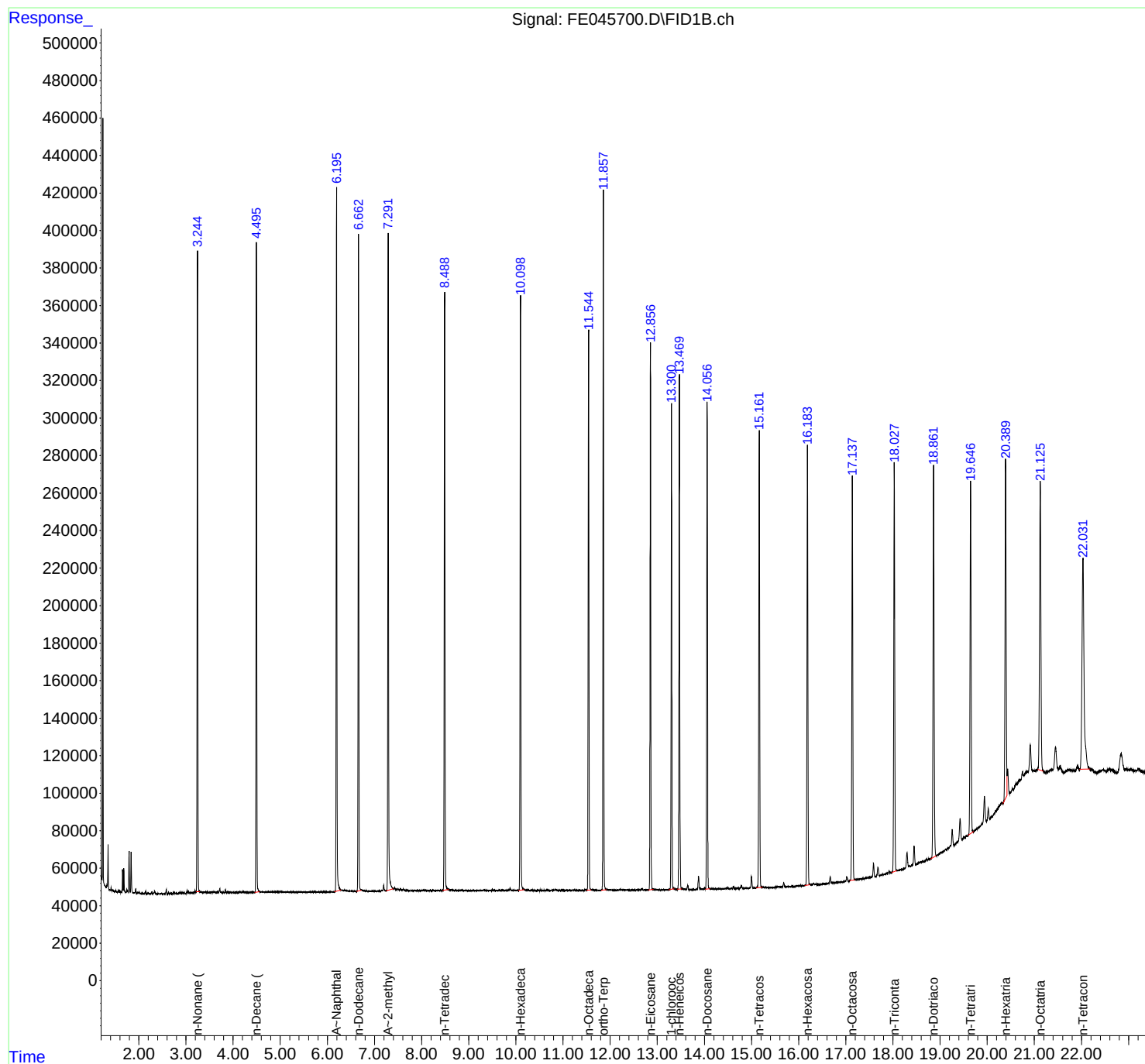
(m)=manual int.

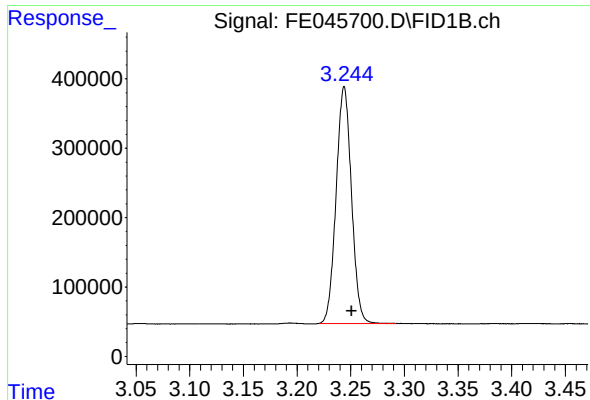
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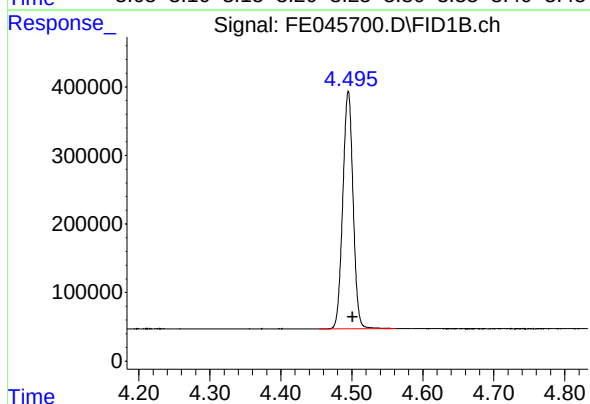




#1 n-Nonane (C9)

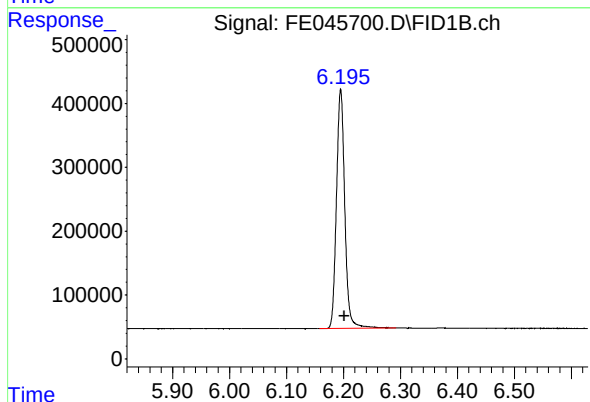
R.T.: 3.244 min
Delta R.T.: -0.007 min
Response: 3391915
Conc: 21.39 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



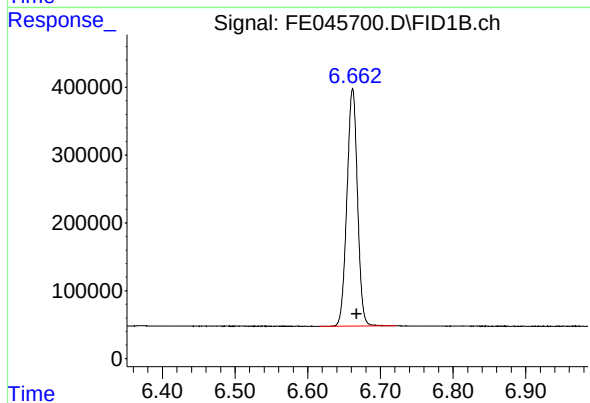
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.006 min
Response: 3489907
Conc: 21.79 ug/ml



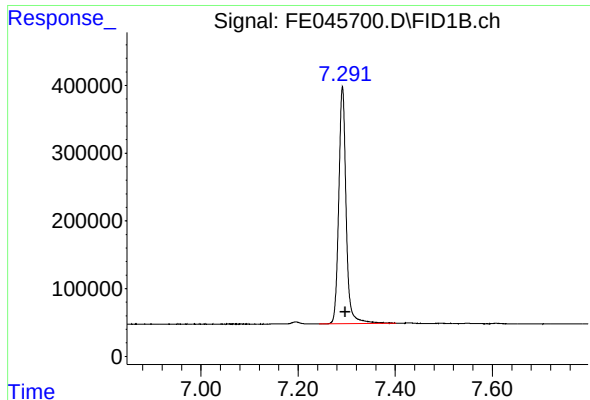
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.006 min
Response: 3802285
Conc: 21.83 ug/ml



#4 n-Dodecane (C12)

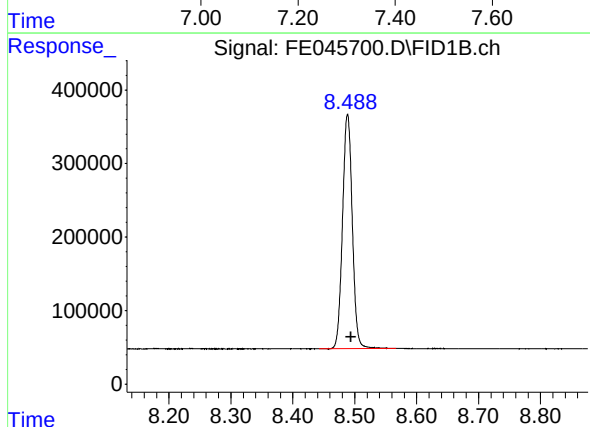
R.T.: 6.662 min
Delta R.T.: -0.005 min
Response: 3530675
Conc: 21.86 ug/ml



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

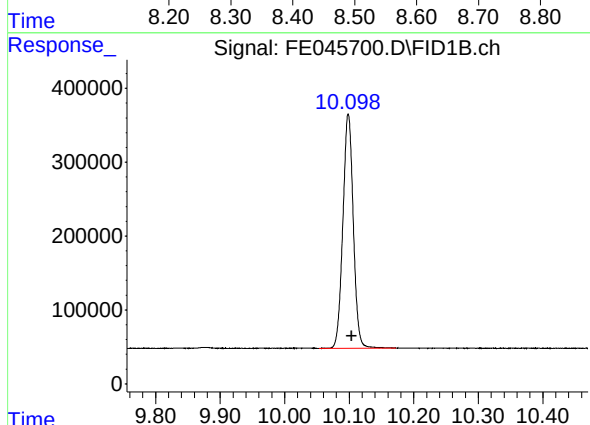
R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 3709232
Conc: 21.84 ug/ml

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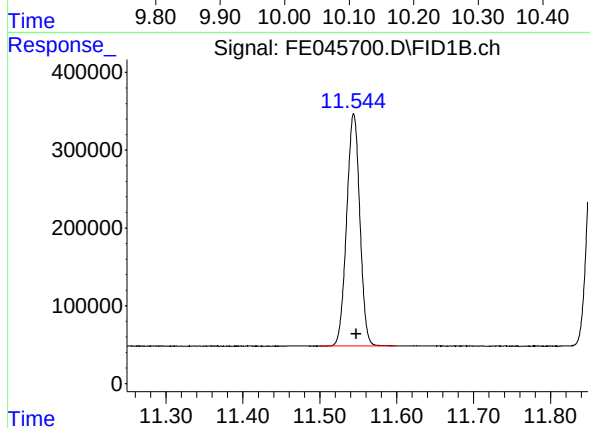
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.006 min
Response: 3495480
Conc: 21.79 ug/ml



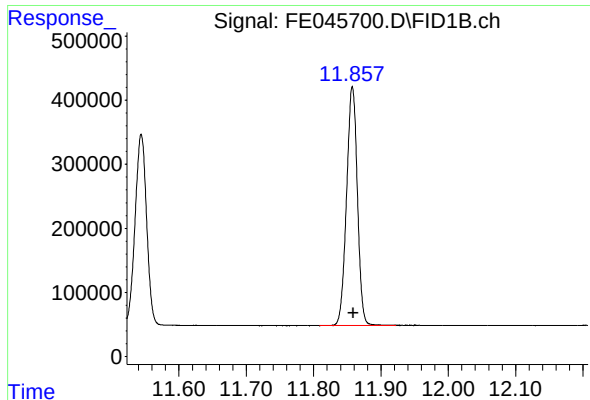
#7 n-Hexadecane (C16)

R.T.: 10.099 min
Delta R.T.: -0.005 min
Response: 3556809
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

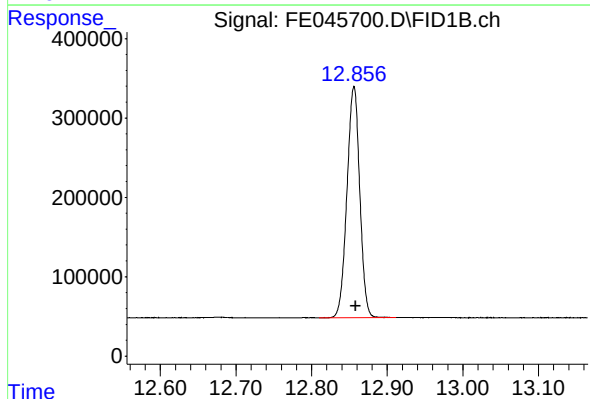
R.T.: 11.544 min
Delta R.T.: -0.003 min
Response: 3555140
Conc: 20.74 ug/ml



#9 ortho-Terphenyl (SURR)

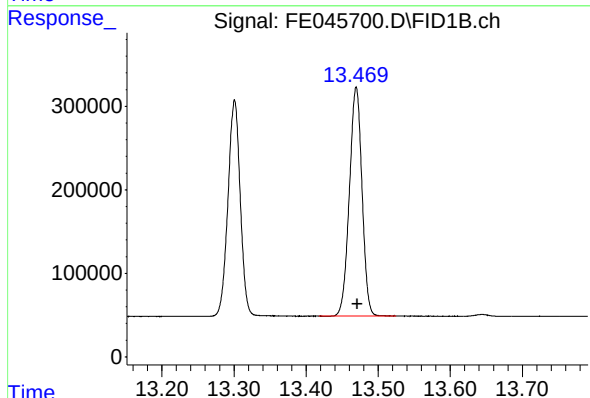
R.T.: 11.858 min
Delta R.T.: -0.001 min
Response: 4164977
Conc: 19.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



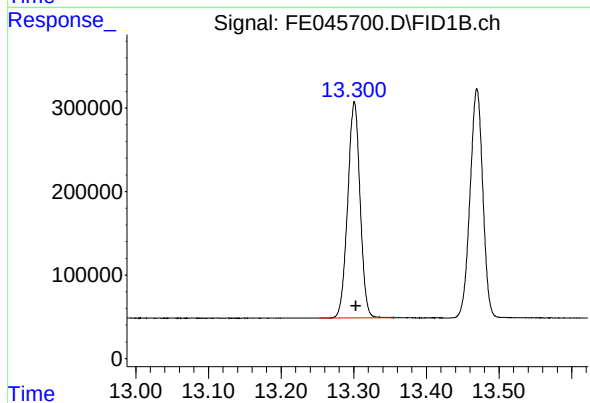
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.002 min
Response: 3422180
Conc: 19.78 ug/ml



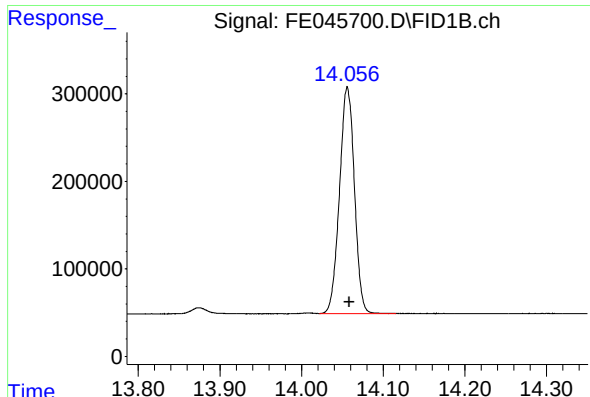
#11 n-Heneicosane (C21)

R.T.: 13.470 min
Delta R.T.: -0.002 min
Response: 3340743
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

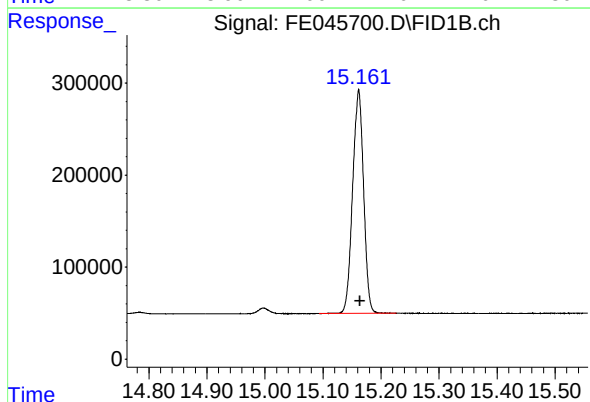
R.T.: 13.301 min
Delta R.T.: -0.002 min
Response: 3065798
Conc: 19.48 ug/ml



#13 n-Docosane (C22)

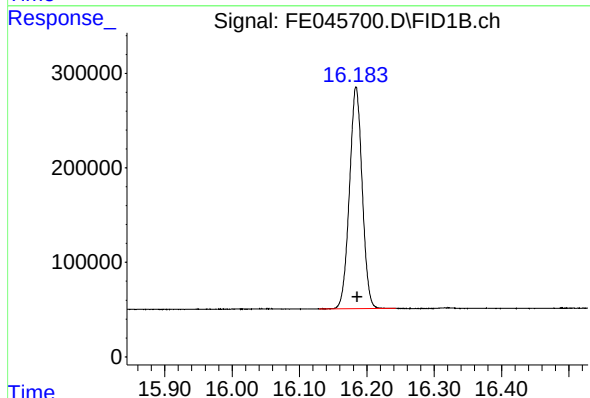
R.T.: 14.056 min
Delta R.T.: -0.002 min
Response: 3286571
Conc: 19.06 ug/ml

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20 PPM ALIPHATIC HC STD



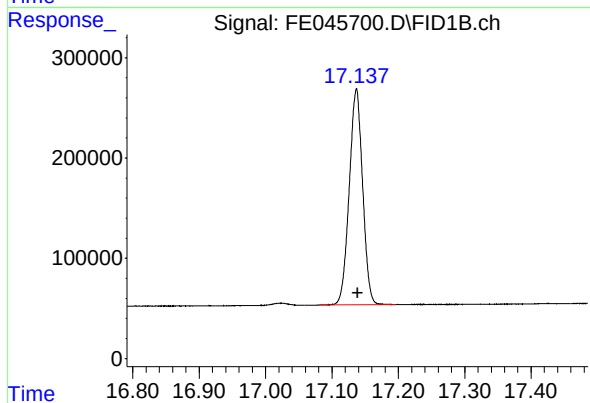
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.002 min
Response: 3197985
Conc: 18.32 ug/ml



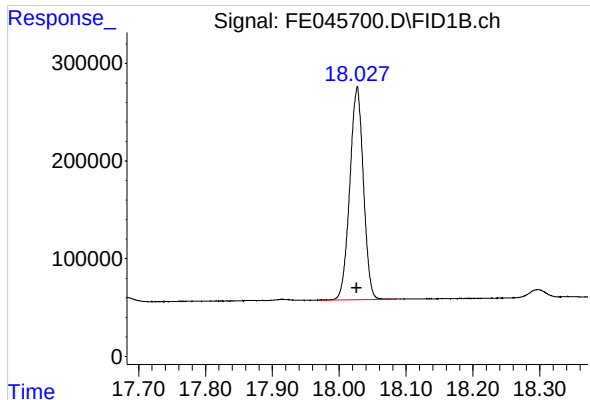
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: -0.002 min
Response: 3084054
Conc: 17.71 ug/ml



#16 n-Octacosane (C28)

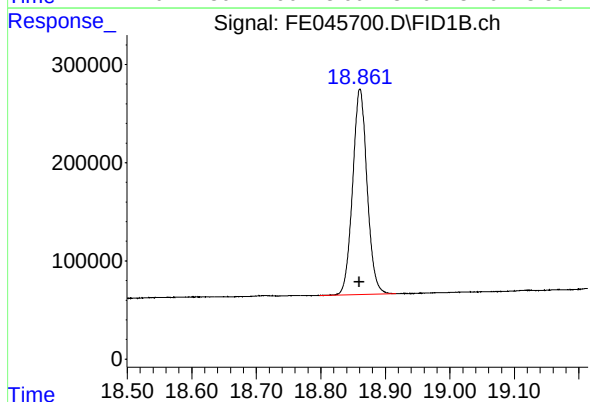
R.T.: 17.137 min
Delta R.T.: -0.001 min
Response: 3019130
Conc: 17.47 ug/ml



#17 n-Tricontane (C30)

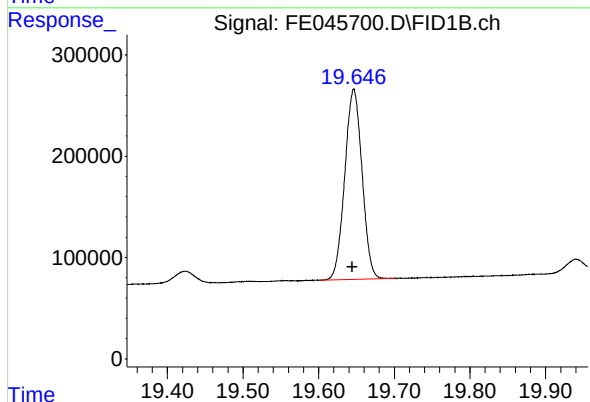
R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 3074592
Conc: 17.57 ug/ml

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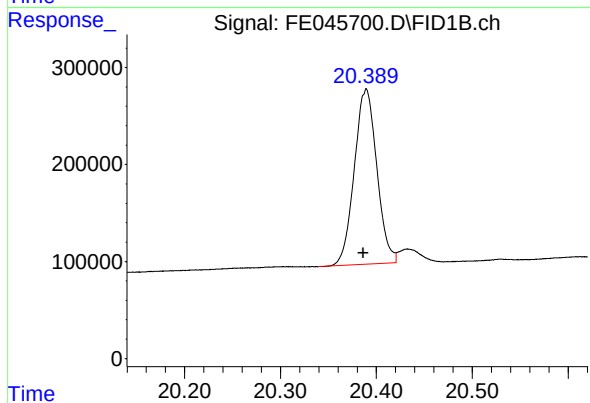
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 3262477
Conc: 17.88 ug/ml



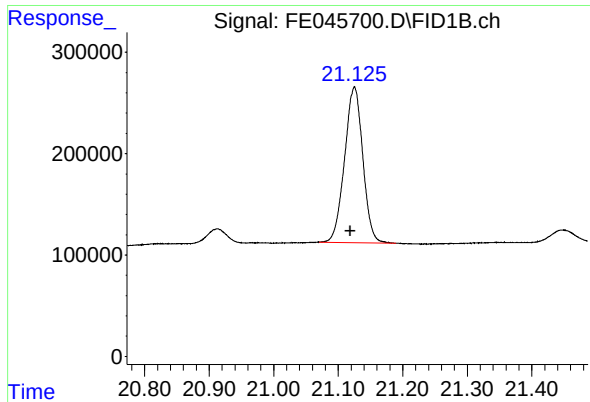
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.002 min
Response: 2982514
Conc: 17.97 ug/ml



#20 n-Hexatriacontane (C36)

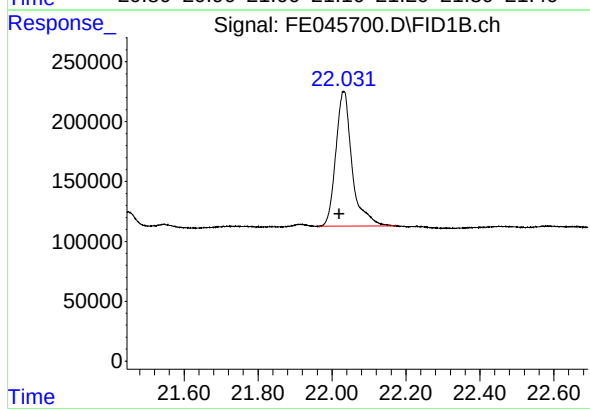
R.T.: 20.390 min
Delta R.T.: 0.003 min
Response: 2942793
Conc: 18.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.006 min
Response: 3011416
Conc: 19.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.031 min
Delta R.T.: 0.012 min
Response: 3441281
Conc: 24.21 ug/ml m