

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080524AL\
 Data File : FD048157.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 14:26
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 06 04:29:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 2024
 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)	11.289	3414928	16.991 ug/ml
Spiked Amount 50.000		Recovery =	33.98%
12) S 1-chlorooctadecane (S...	12.731	2592106	16.977 ug/ml
Spiked Amount 50.000		Recovery =	33.95%
Target Compounds			
1) T n-Nonane (C9)	3.145	3097156	17.190 ug/ml
2) T n-Decane (C10)	4.191	3195128	17.243 ug/ml
3) T A~Naphthalene (C11.7)	5.741	3425272	17.116 ug/ml
4) T n-Dodecane (C12)	6.186	3249539	17.335 ug/ml
5) T A~2-methylnaphthalene...	6.787	3262435	17.081 ug/ml
6) T n-Tetradecane (C14)	7.968	3202764	17.193 ug/ml
7) T n-Hexadecane (C16)	9.558	3271398	17.226 ug/ml
8) T n-Octadecane (C18)	10.992	3300982	17.201 ug/ml
10) T n-Eicosane (C20)	12.293	3207797	17.452 ug/ml
11) T n-Heneicosane (C21)	12.902	3091100	17.113 ug/ml
13) T n-Docosane (C22)	13.485	3246233	18.181 ug/ml
14) T n-Tetracosane (C24)	14.582	3511110	19.893 ug/ml
15) T n-Hexacosane (C26)	15.597	3659577	21.447 ug/ml
16) T n-Octacosane (C28)	16.542	3775338	22.901 ug/ml
17) T n-Tricontane (C30)	17.424	3951319	23.920 ug/ml
18) T n-Dotriacontane (C32)	18.251	3718716	23.456 ug/ml
19) T n-Tetratriacontane (C34)	19.030	3195060	21.202 ug/ml
20) T n-Hexatriacontane (C36)	19.766	2741139	19.302 ug/ml
21) T n-Octatriacontane (C38)	20.464	2521094	18.219 ug/ml
22) T n-Tetracontane (C40)	21.252	2356757	17.779 ug/ml

(f)=RT Delta > 1/2 Window

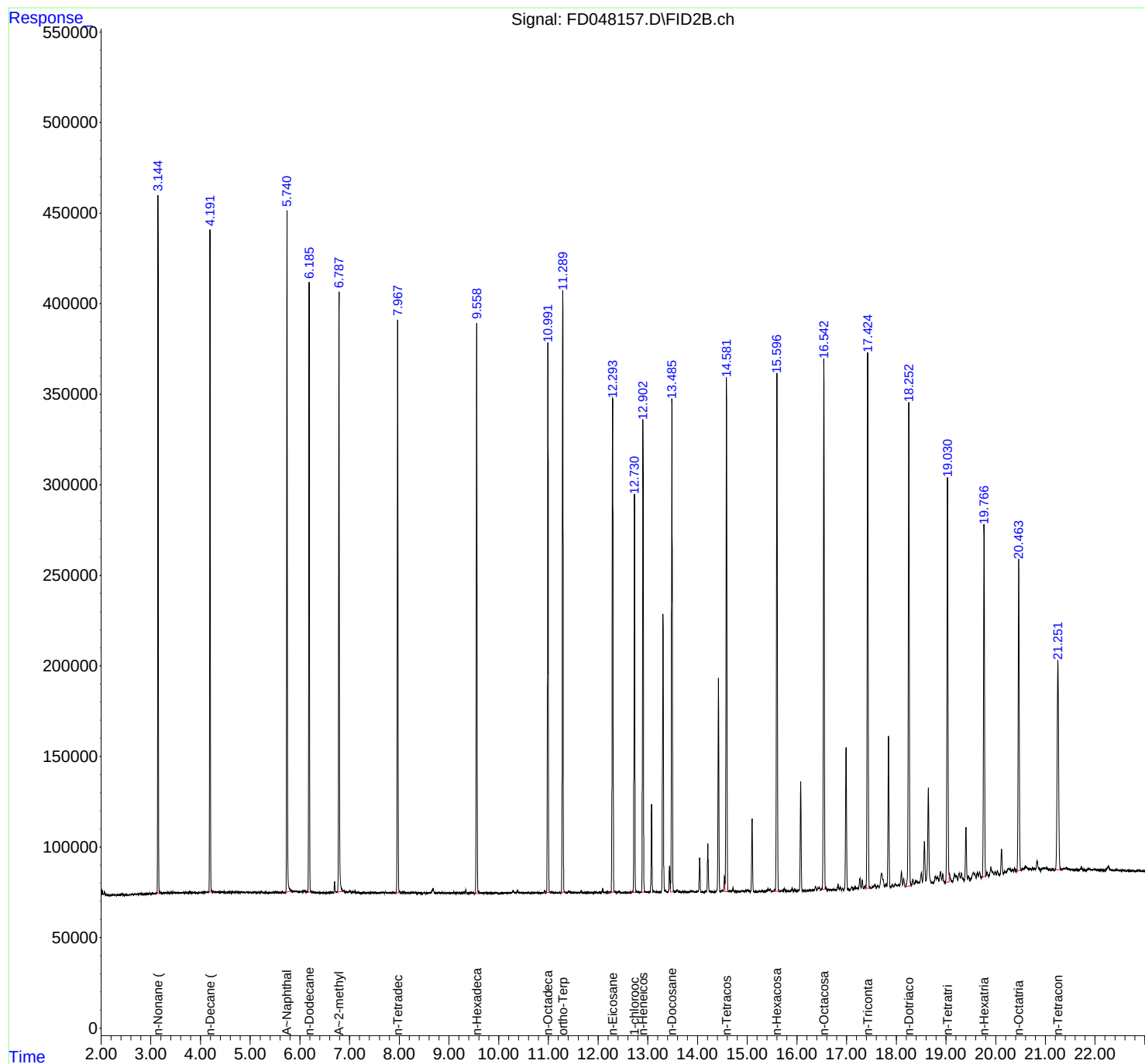
(m)=manual int.

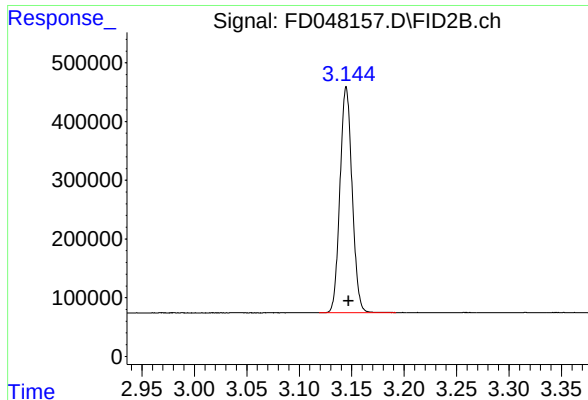
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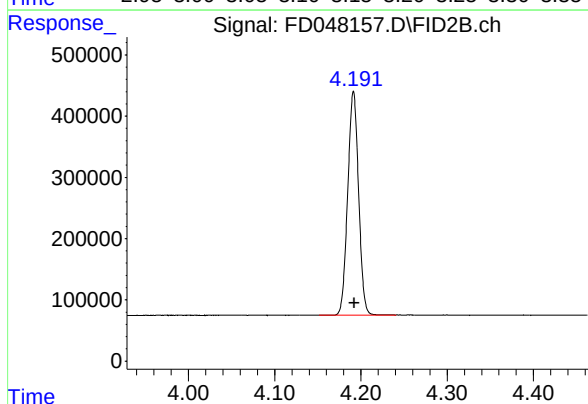




#1 n-Nonane (C9)

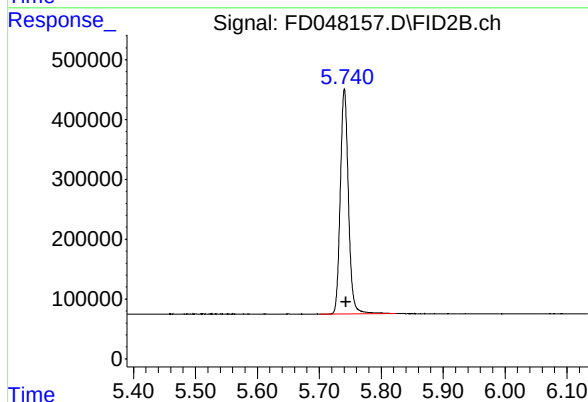
R.T.: 3.145 min
Delta R.T.: -0.002 min
Response: 3097156
Conc: 17.19 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



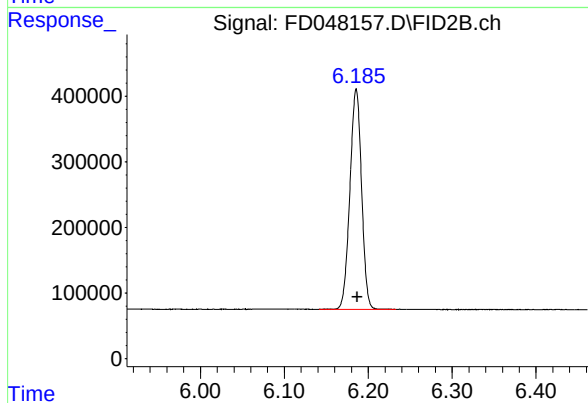
#2 n-Decane (C10)

R.T.: 4.191 min
Delta R.T.: 0.000 min
Response: 3195128
Conc: 17.24 ug/ml



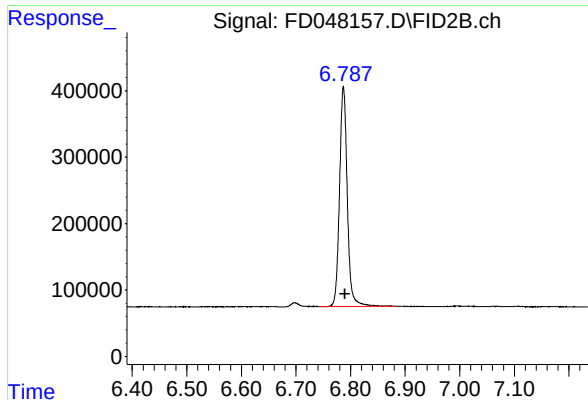
#3 A~Naphthalene (C11.7)

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 3425272
Conc: 17.12 ug/ml



#4 n-Dodecane (C12)

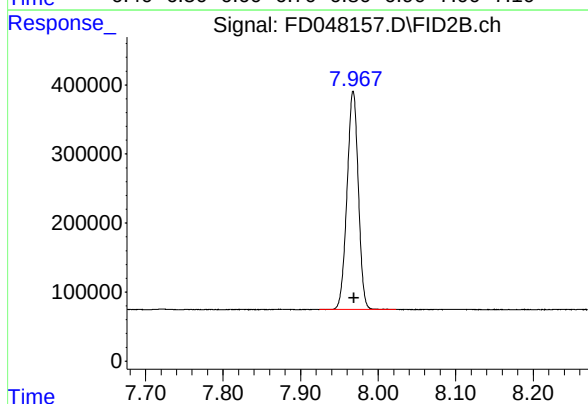
R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 3249539
Conc: 17.34 ug/ml



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

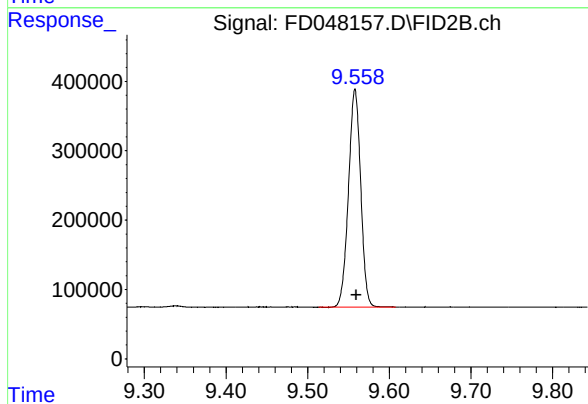
R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 3262435
Conc: 17.08 ug/ml

Instrument :
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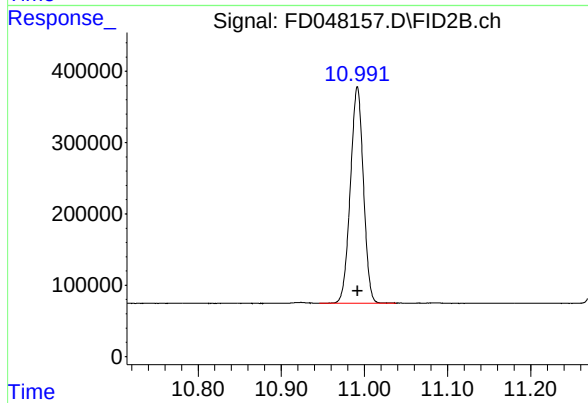
#6 n-Tetradecane (C14)

R.T.: 7.968 min
Delta R.T.: -0.001 min
Response: 3202764
Conc: 17.19 ug/ml



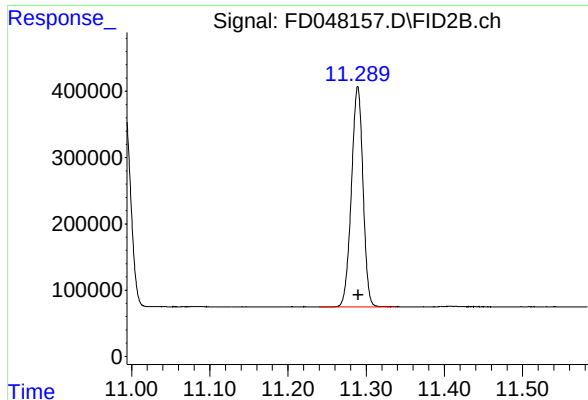
#7 n-Hexadecane (C16)

R.T.: 9.558 min
Delta R.T.: -0.002 min
Response: 3271398
Conc: 17.23 ug/ml



#8 n-Octadecane (C18)

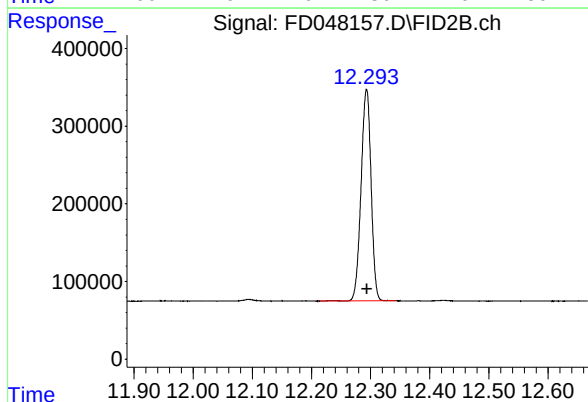
R.T.: 10.992 min
Delta R.T.: 0.000 min
Response: 3300982
Conc: 17.20 ug/ml



#9 ortho-Terphenyl (SURR)

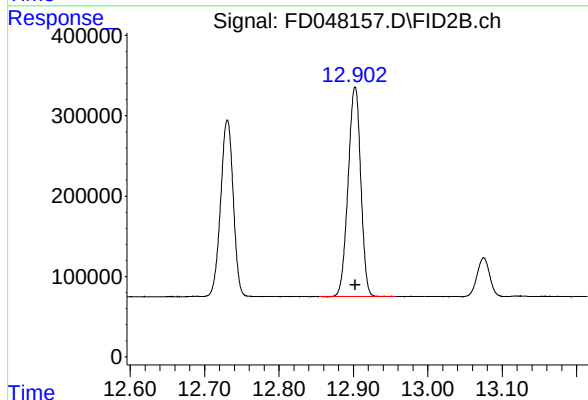
R.T.: 11.289 min
Delta R.T.: 0.000 min
Response: 3414928
Conc: 16.99 ug/ml

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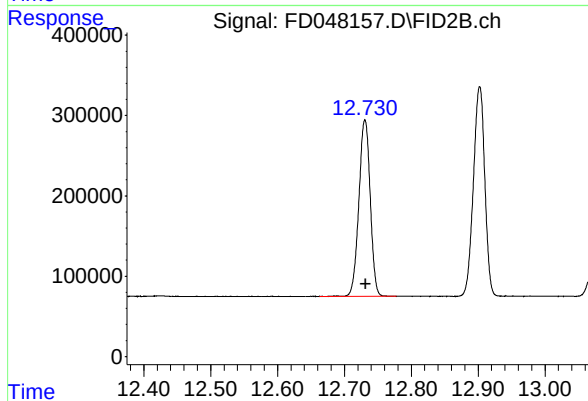
#10 n-Eicosane (C20)

R.T.: 12.293 min
Delta R.T.: 0.000 min
Response: 3207797
Conc: 17.45 ug/ml



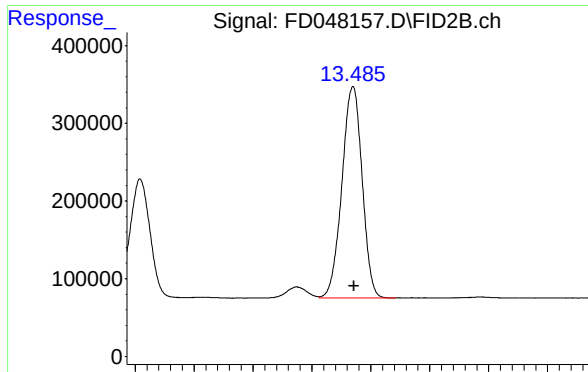
#11 n-Heneicosane (C21)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 3091100
Conc: 17.11 ug/ml



#12 1-chlorooctadecane (SURR)

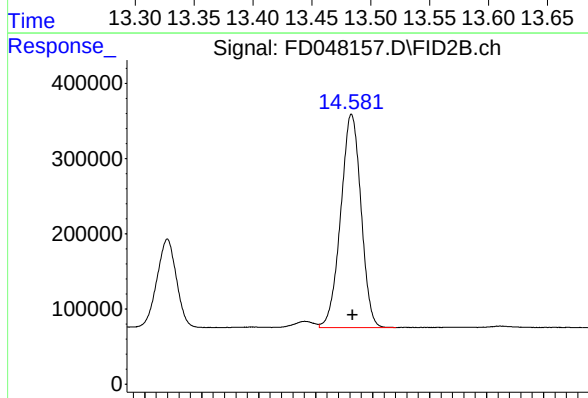
R.T.: 12.731 min
Delta R.T.: -0.001 min
Response: 2592106
Conc: 16.98 ug/ml



#13 n-Docosane (C22)

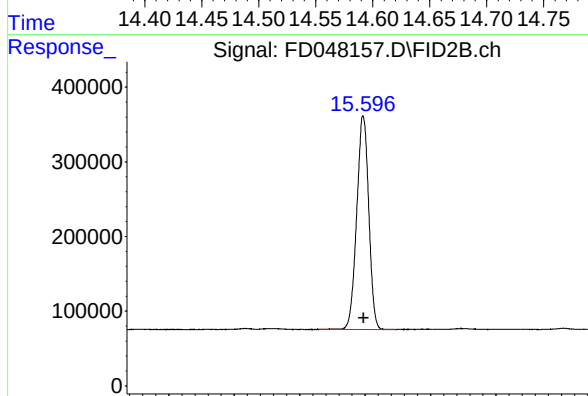
R.T.: 13.485 min
Delta R.T.: 0.000 min
Response: 3246233
Conc: 18.18 ug/ml

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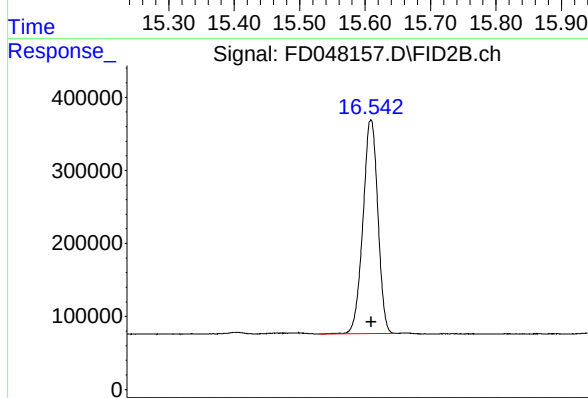
#14 n-Tetracosane (C24)

R.T.: 14.582 min
Delta R.T.: 0.000 min
Response: 3511110
Conc: 19.89 ug/ml



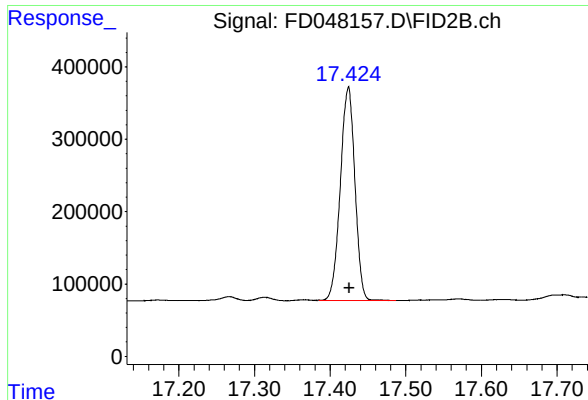
#15 n-Hexacosane (C26)

R.T.: 15.597 min
Delta R.T.: 0.000 min
Response: 3659577
Conc: 21.45 ug/ml



#16 n-Octacosane (C28)

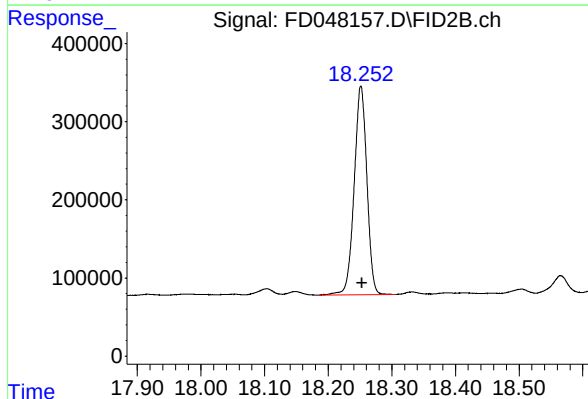
R.T.: 16.542 min
Delta R.T.: 0.000 min
Response: 3775338
Conc: 22.90 ug/ml



#17 n-Tricontane (C30)

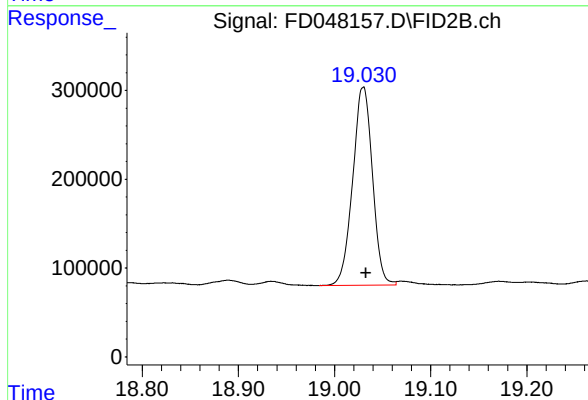
R.T.: 17.424 min
Delta R.T.: -0.001 min
Response: 3951319
Conc: 23.92 ug/ml

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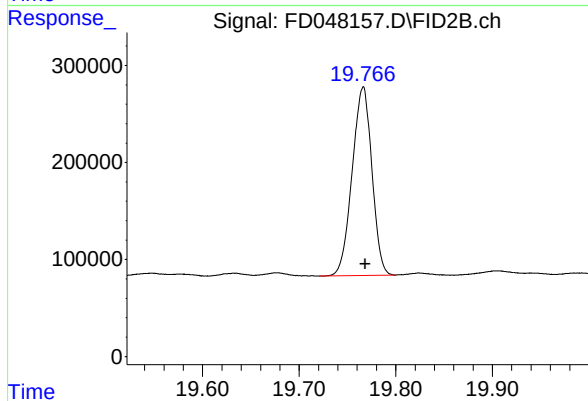
#18 n-Dotriacontane (C32)

R.T.: 18.251 min
Delta R.T.: -0.002 min
Response: 3718716
Conc: 23.46 ug/ml



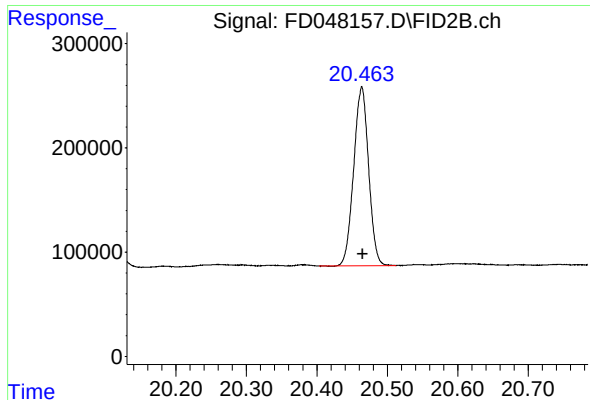
#19 n-Tetatriacontane (C34)

R.T.: 19.030 min
Delta R.T.: -0.003 min
Response: 3195060
Conc: 21.20 ug/ml



#20 n-Hexatriacontane (C36)

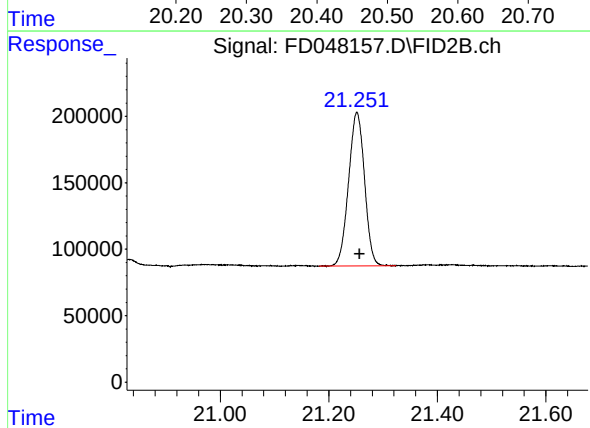
R.T.: 19.766 min
Delta R.T.: -0.002 min
Response: 2741139
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: -0.001 min
Response: 2521094
Conc: 18.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: -0.005 min
Response: 2356757
Conc: 17.78 ug/ml