

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112122AL\
 Data File : FE038884.D
 Signal(s) : FID1B.ch
 Acq On : 22 Nov 2022 01:41
 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: sample.E
 Quant Time: Nov 22 05:15:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 2022
 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)	11.951	2746275	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
12) S 1-chlorooctadecane (S...	13.386	2088888	17.301 ug/ml
Spiked Amount 50.000		Recovery =	34.60%
Target Compounds			
1) T n-Nonane (C9)	3.348	2441805	17.226 ug/ml
2) T n-Decane (C10)	4.598	2399961	17.219 ug/ml
3) T A~Naphthalene (C11.7)	6.300	2773312	17.436 ug/ml
4) T n-Dodecane (C12)	6.760	2427902	17.224 ug/ml
5) T A~2-methylnaphthalene...	7.393	2601916	17.385 ug/ml
6) T n-Tetradecane (C14)	8.585	2459768	17.223 ug/ml
7) T n-Hexadecane (C16)	10.192	2534022	17.331 ug/ml
8) T n-Octadecane (C18)	11.633	2565351	17.434 ug/ml
10) T n-Eicosane (C20)	12.941	2480500	17.473 ug/ml
11) T n-Heneicosane (C21)	13.553	2482737	17.472 ug/ml
13) T n-Docosane (C22)	14.138	2442604	17.474 ug/ml
14) T n-Tetracosane (C24)	15.241	2414690	17.485 ug/ml
15) T n-Hexacosane (C26)	16.262	2360476	17.574 ug/ml
16) T n-Octacosane (C28)	17.210	2328103	17.531 ug/ml
17) T n-Tricontane (C30)	18.098	2322154	17.584 ug/ml
18) T n-Dotriacontane (C32)	18.930	2351423	17.631 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2343766	17.712 ug/ml
20) T n-Hexatriacontane (C36)	20.454	2301245	17.913 ug/ml
21) T n-Octatriacontane (C38)	21.193	2397435	18.296 ug/ml
22) T n-Tetracontane (C40)	22.113	2376458	17.452 ug/ml

(f)=RT Delta > 1/2 Window

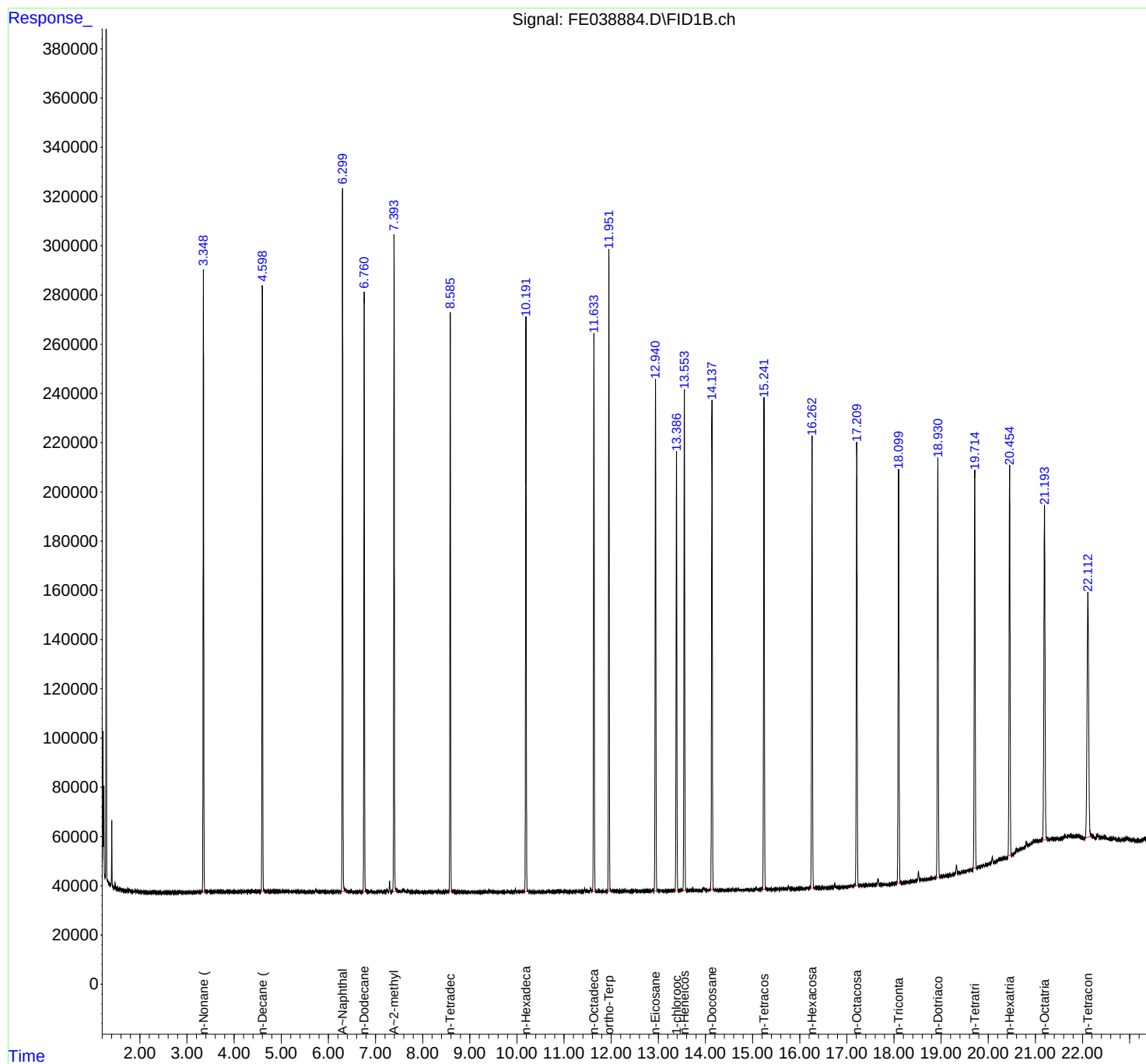
(m)=manual int.

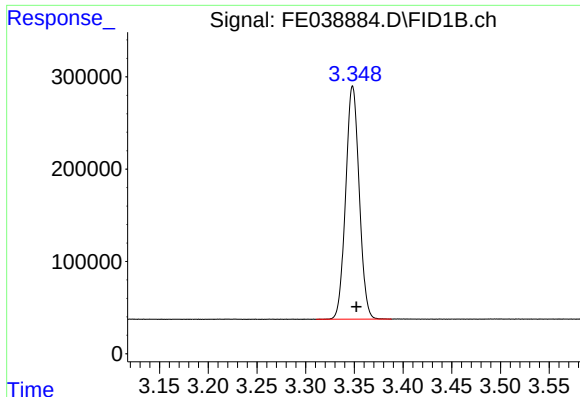
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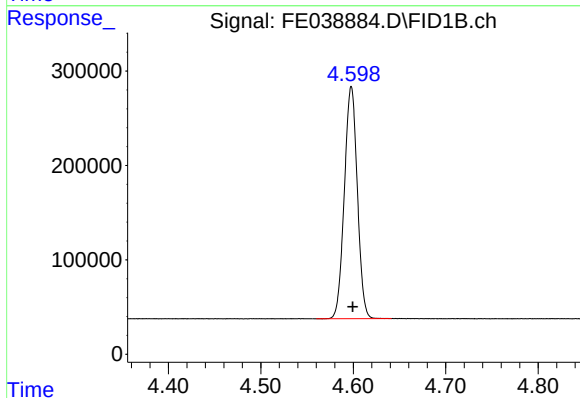




#1 n-Nonane (C9)

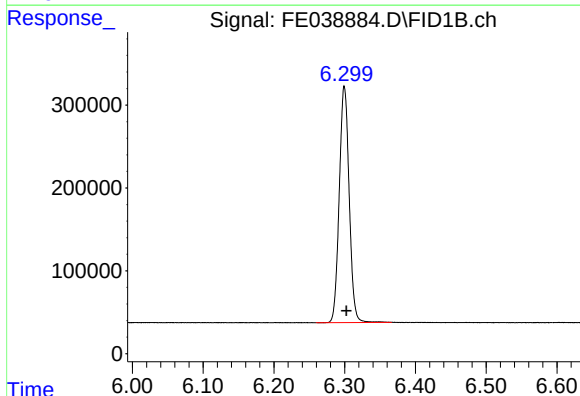
R.T.: 3.348 min
Delta R.T.: -0.004 min
Response: 2441805
Conc: 17.23 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



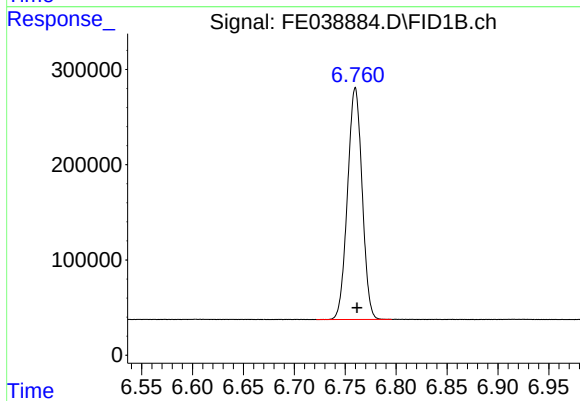
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.001 min
Response: 2399961
Conc: 17.22 ug/ml



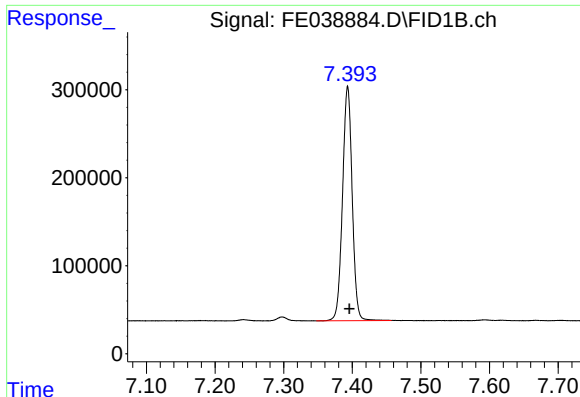
#3 A~Naphthalene (C11.7)

R.T.: 6.300 min
Delta R.T.: -0.003 min
Response: 2773312
Conc: 17.44 ug/ml



#4 n-Dodecane (C12)

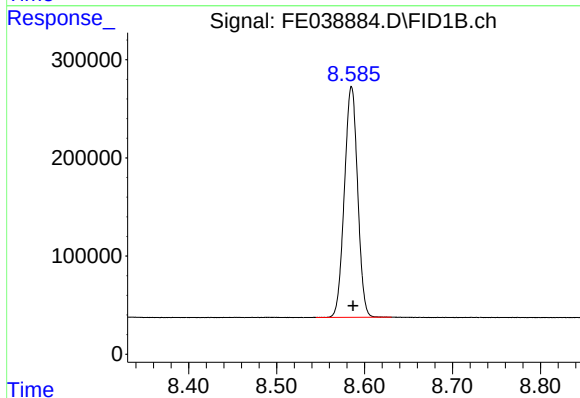
R.T.: 6.760 min
Delta R.T.: -0.002 min
Response: 2427902
Conc: 17.22 ug/ml



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

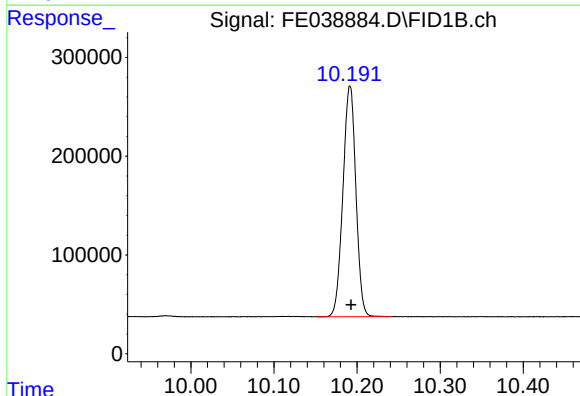
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 2601916
Conc: 17.38 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



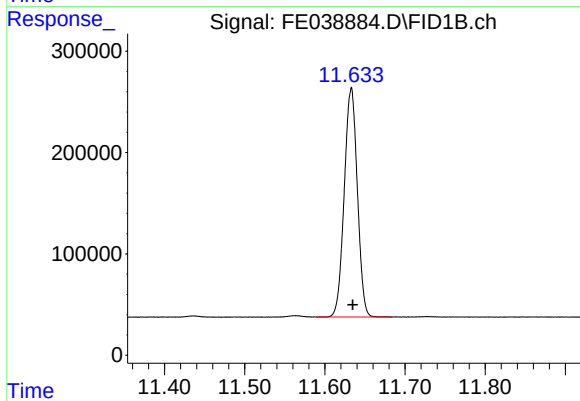
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.002 min
Response: 2459768
Conc: 17.22 ug/ml



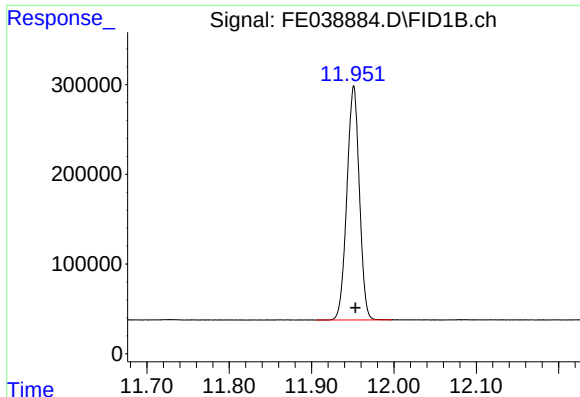
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.001 min
Response: 2534022
Conc: 17.33 ug/ml



#8 n-Octadecane (C18)

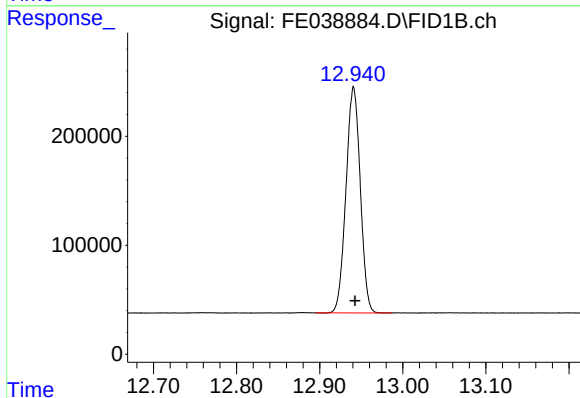
R.T.: 11.633 min
Delta R.T.: -0.002 min
Response: 2565351
Conc: 17.43 ug/ml



#9 ortho-Terphenyl (SURR)

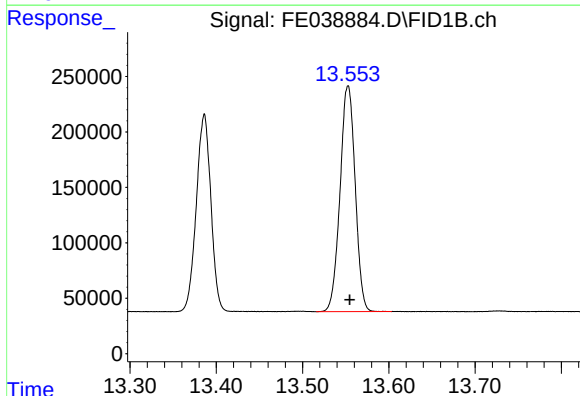
R.T.: 11.951 min
Delta R.T.: -0.002 min
Response: 2746275
Conc: 17.55 ug/ml

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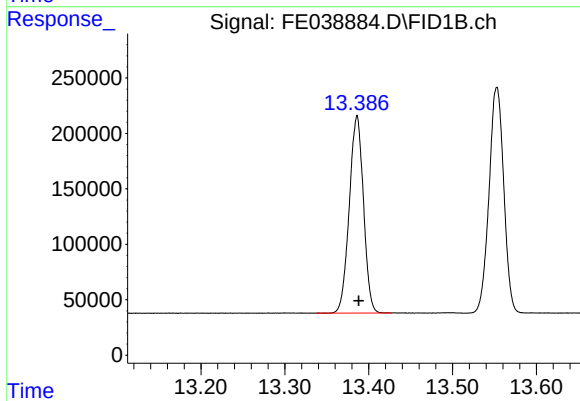
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.002 min
Response: 2480500
Conc: 17.47 ug/ml



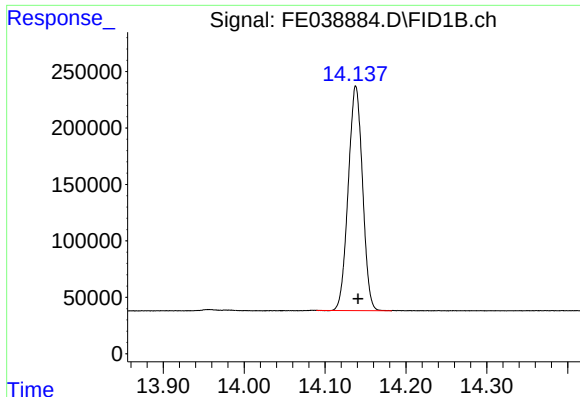
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: -0.002 min
Response: 2482737
Conc: 17.47 ug/ml



#12 1-chlorooctadecane (SURR)

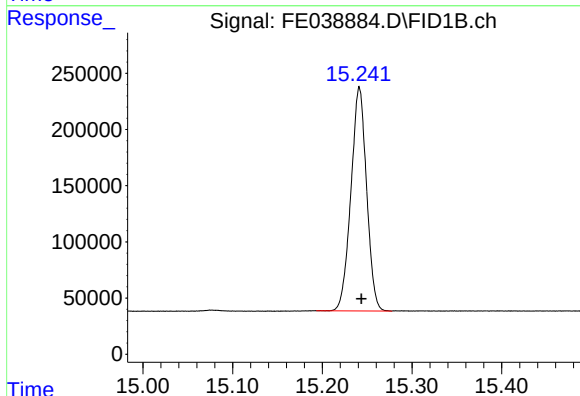
R.T.: 13.386 min
Delta R.T.: -0.002 min
Response: 2088888
Conc: 17.30 ug/ml



#13 n-Docosane (C22)

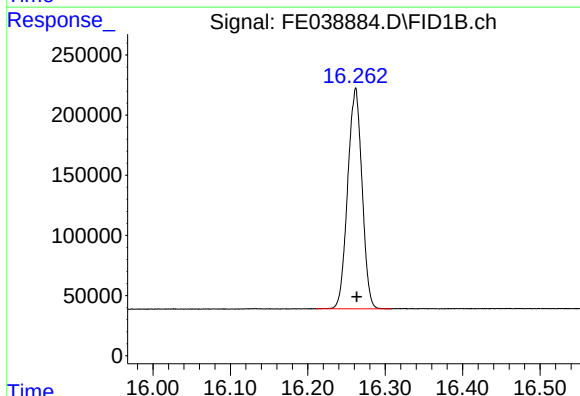
R.T.: 14.138 min
Delta R.T.: -0.003 min
Response: 2442604
Conc: 17.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



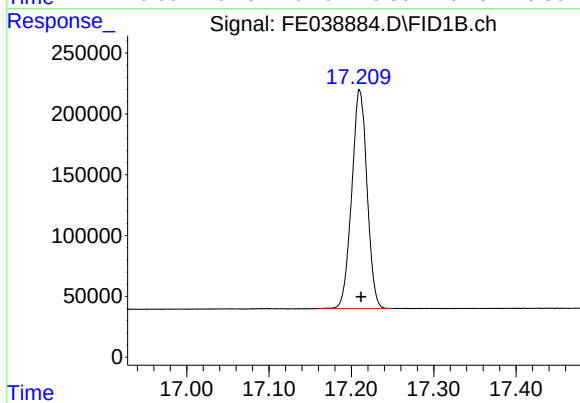
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.002 min
Response: 2414690
Conc: 17.48 ug/ml



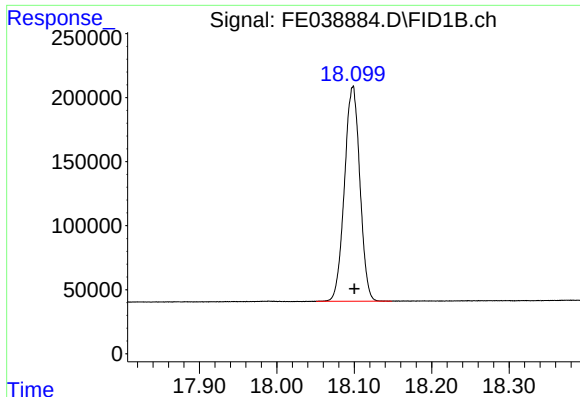
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: -0.001 min
Response: 2360476
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

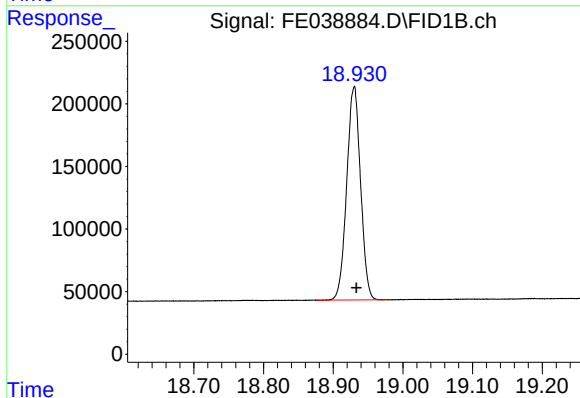
R.T.: 17.210 min
Delta R.T.: -0.002 min
Response: 2328103
Conc: 17.53 ug/ml



#17 n-Tricontane (C30)

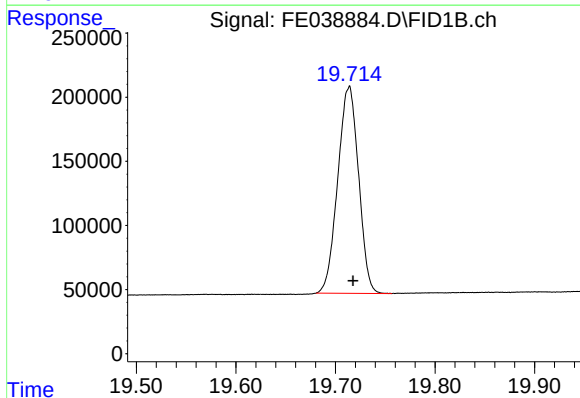
R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 2322154
Conc: 17.58 ug/ml

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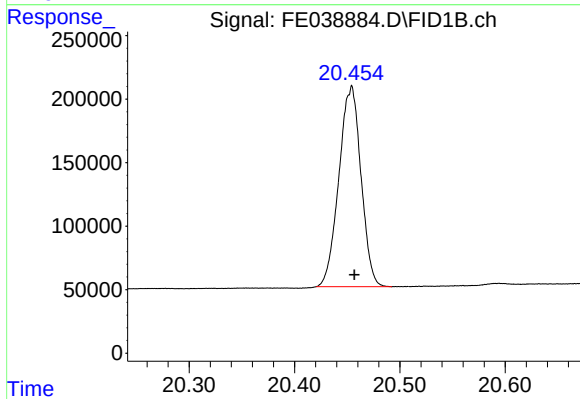
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.003 min
Response: 2351423
Conc: 17.63 ug/ml



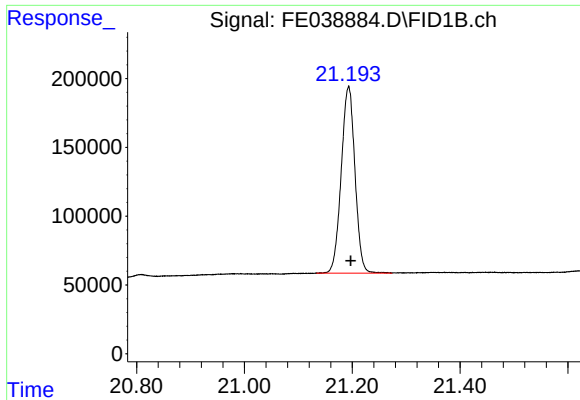
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.004 min
Response: 2343766
Conc: 17.71 ug/ml



#20 n-Hexatriacontane (C36)

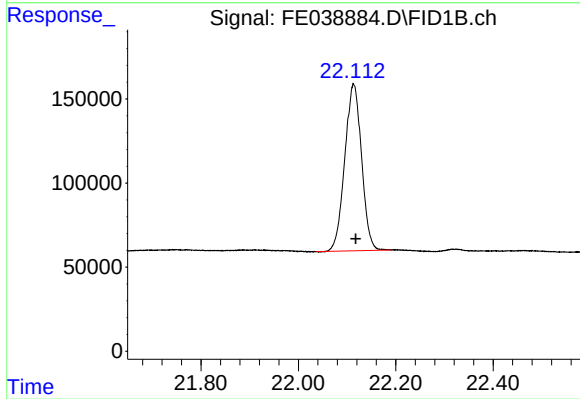
R.T.: 20.454 min
Delta R.T.: -0.003 min
Response: 2301245
Conc: 17.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min
Delta R.T.: -0.004 min
Response: 2397435
Conc: 18.30 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: -0.004 min
Response: 2376458
Conc: 17.45 ug/ml