

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040523AL\
 Data File : FE041171.D
 Signal(s) : FID1B.ch
 Acq On : 05 Apr 2023 08:57
 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: Apr 05 10:48:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.848	3512854	18.691 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.287	2711343	18.845 ug/ml
Spiked Amount 50.000		Recovery =	37.69%
Target Compounds			
1) T n-Nonane (C9)	3.246	3185357	18.358 ug/ml
2) T n-Decane (C10)	4.493	3197893	18.787 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3487724	19.068 ug/ml
4) T n-Dodecane (C12)	6.658	3261549	18.803 ug/ml
5) T A~2-methylnaphthalene...	7.290	3279479	19.802 ug/ml
6) T n-Tetradecane (C14)	8.484	3286757	18.850 ug/ml
7) T n-Hexadecane (C16)	10.091	3359803	18.891 ug/ml
8) T n-Octadecane (C18)	11.534	3366404	18.854 ug/ml
10) T n-Eicosane (C20)	12.844	3230541	18.939 ug/ml
11) T n-Heneicosane (C21)	13.455	3190585	18.859 ug/ml
13) T n-Docosane (C22)	14.042	3161915	19.107 ug/ml
14) T n-Tetracosane (C24)	15.145	3133420	19.368 ug/ml
15) T n-Hexacosane (C26)	16.168	3083078	19.889 ug/ml
16) T n-Octacosane (C28)	17.119	3136147	20.473 ug/ml
17) T n-Tricontane (C30)	18.009	3259836	21.326 ug/ml
18) T n-Dotriacontane (C32)	18.843	3328512	21.319 ug/ml
19) T n-Tetratriacontane (C34)	19.626	3265148	21.070 ug/mlm
20) T n-Hexatriacontane (C36)	20.369	3141714	20.683 ug/ml
21) T n-Octatriacontane (C38)	21.095	3181029	20.363 ug/mlm
22) T n-Tetracontane (C40)	21.976	3233877	20.262 ug/mlm

(f)=RT Delta > 1/2 Window

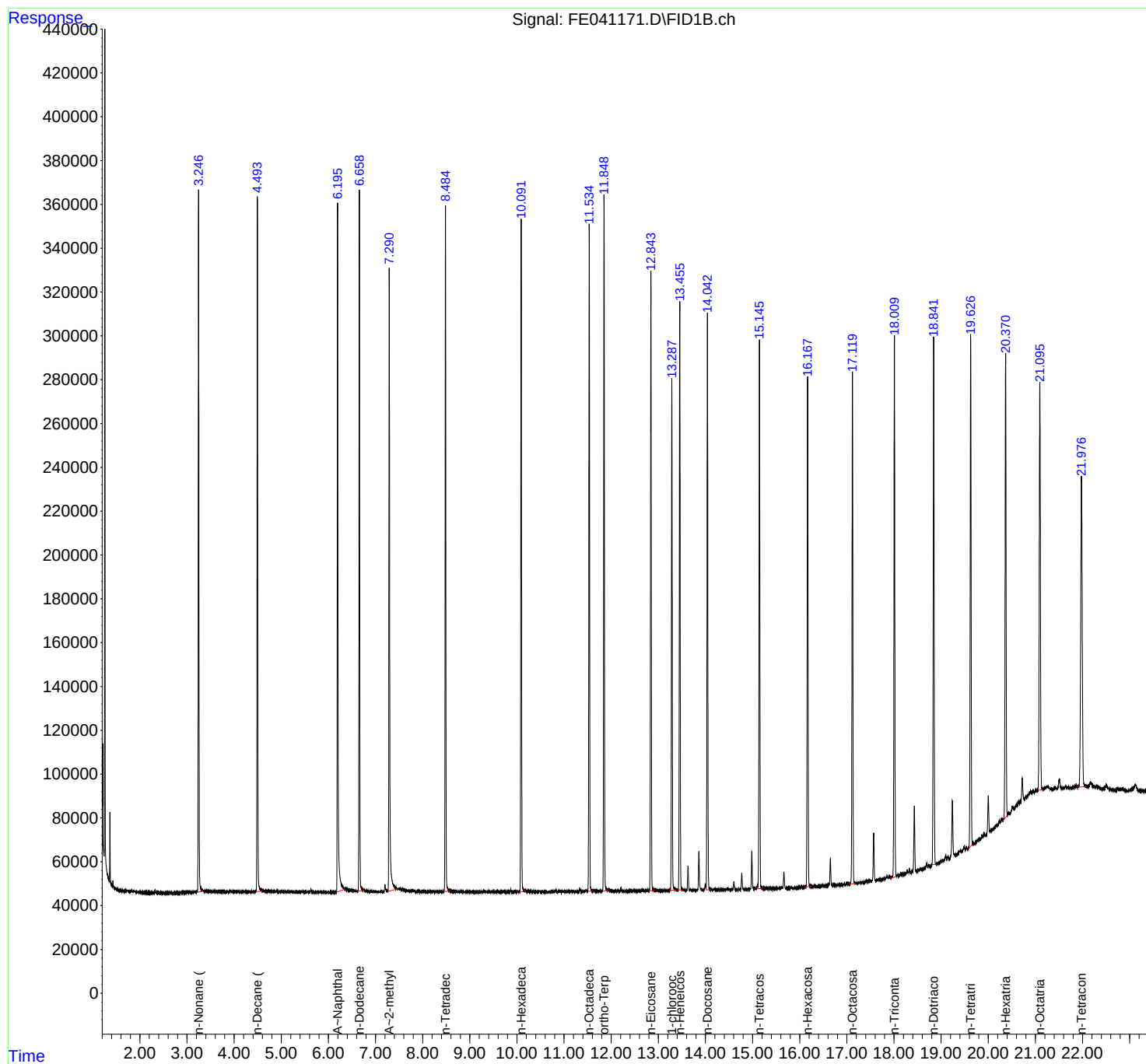
(m)=manual int.

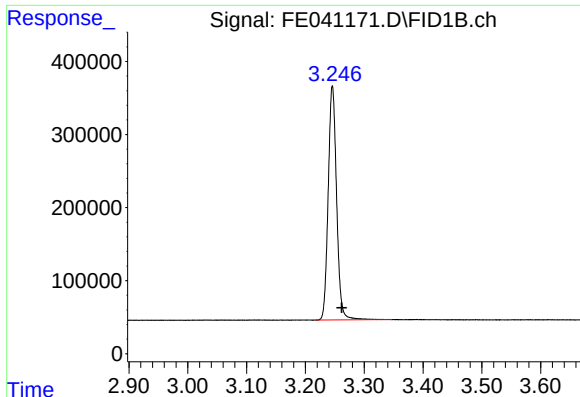
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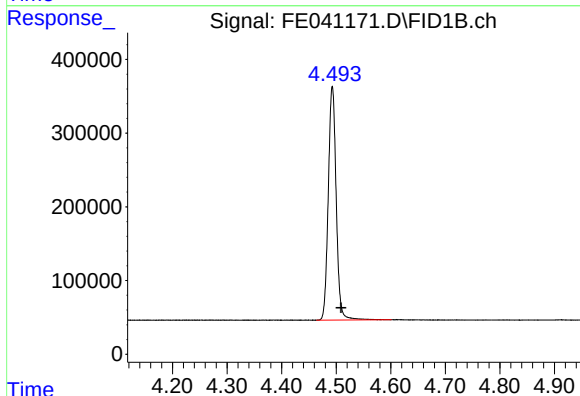




#1 n-Nonane (C9)

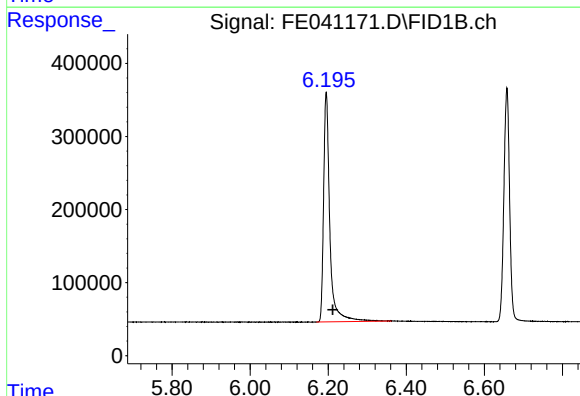
R.T.: 3.246 min
Delta R.T.: -0.016 min
Response: 3185357
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



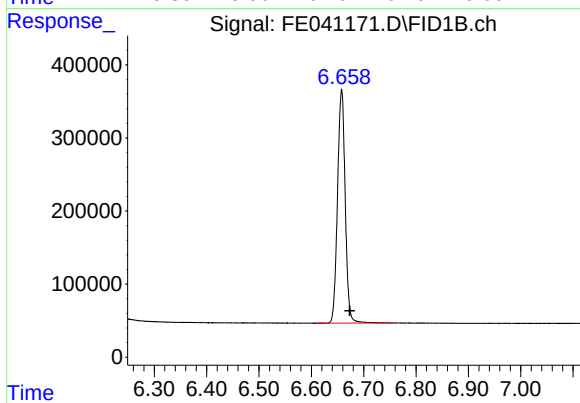
#2 n-Decane (C10)

R.T.: 4.493 min
Delta R.T.: -0.016 min
Response: 3197893
Conc: 18.79 ug/ml



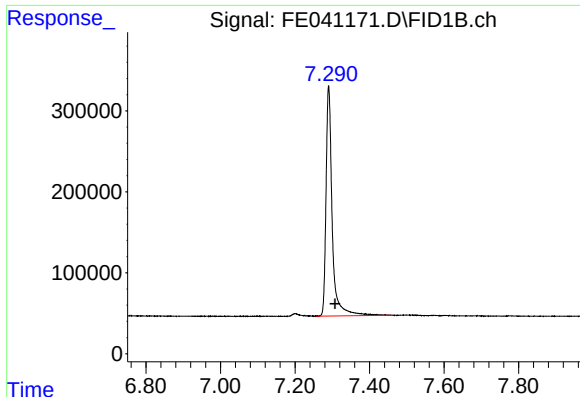
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.017 min
Response: 3487724
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

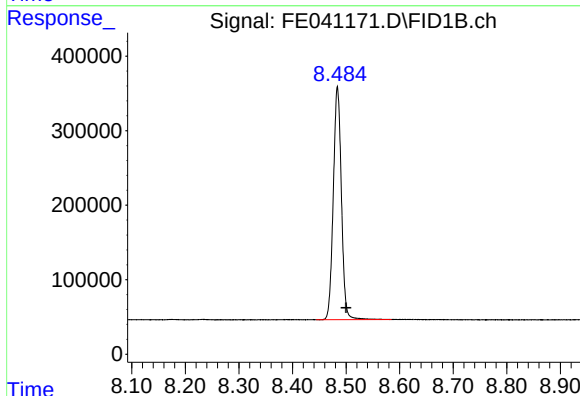
R.T.: 6.658 min
Delta R.T.: -0.016 min
Response: 3261549
Conc: 18.80 ug/ml



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

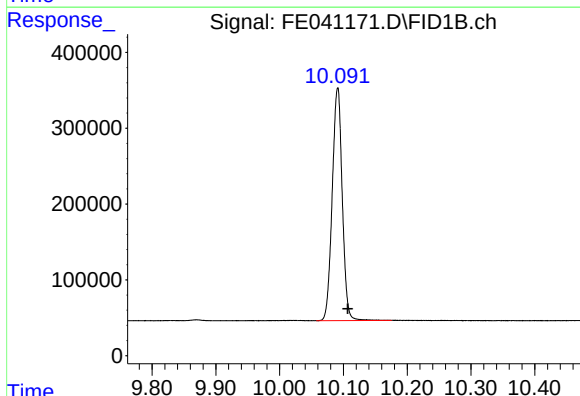
R.T.: 7.290 min
Delta R.T.: -0.017 min
Response: 3279479
Conc: 19.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



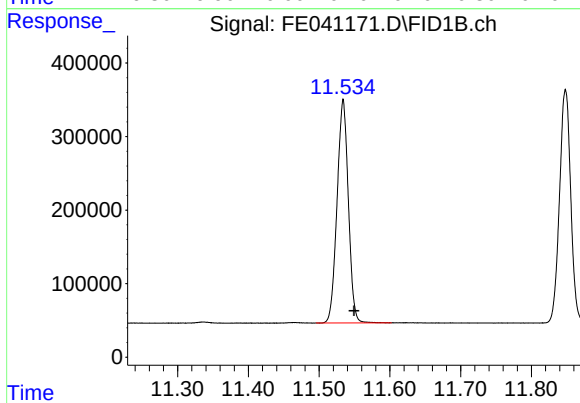
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: -0.016 min
Response: 3286757
Conc: 18.85 ug/ml



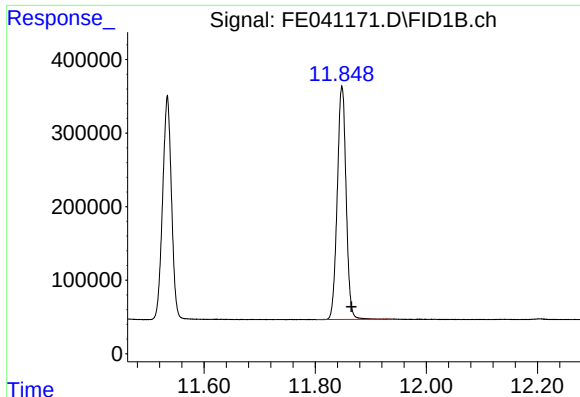
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: -0.016 min
Response: 3359803
Conc: 18.89 ug/ml



#8 n-Octadecane (C18)

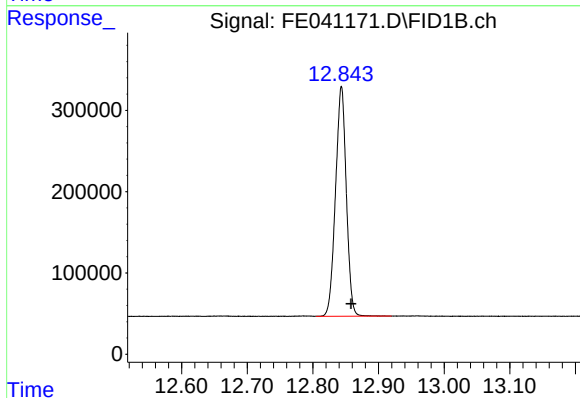
R.T.: 11.534 min
Delta R.T.: -0.015 min
Response: 3366404
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

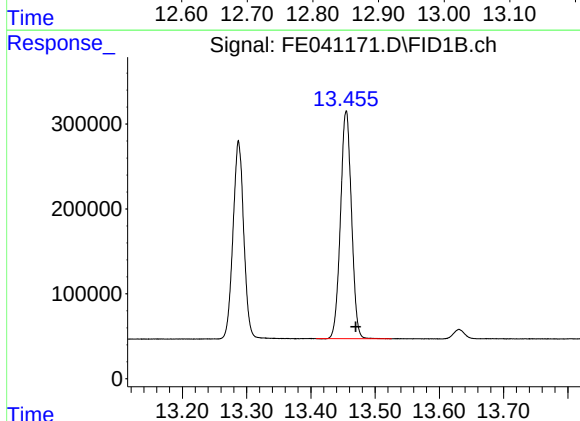
R.T.: 11.848 min
Delta R.T.: -0.017 min
Response: 3512854
Conc: 18.69 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



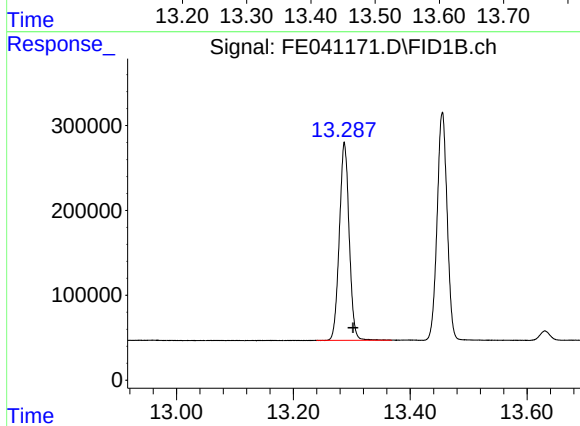
#10 n-Eicosane (C20)

R.T.: 12.844 min
Delta R.T.: -0.015 min
Response: 3230541
Conc: 18.94 ug/ml



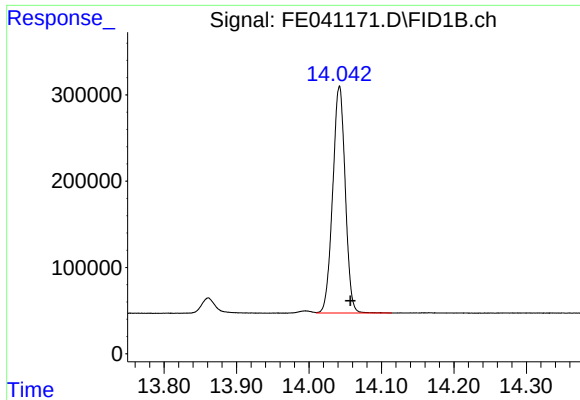
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.015 min
Response: 3190585
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

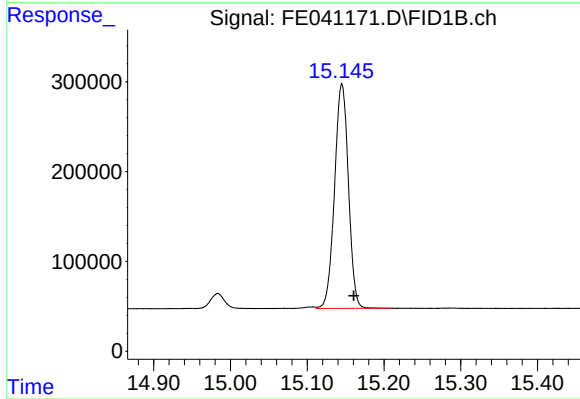
R.T.: 13.287 min
Delta R.T.: -0.015 min
Response: 2711343
Conc: 18.84 ug/ml



#13 n-Docosane (C22)

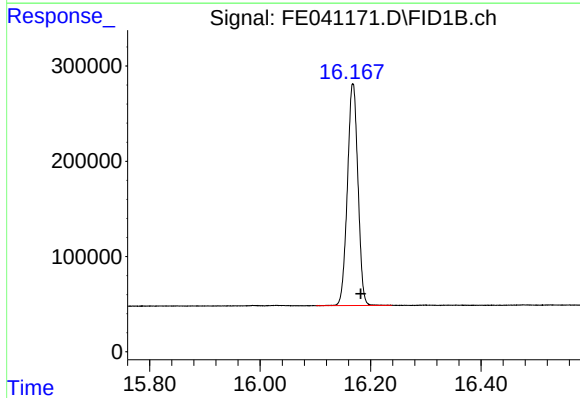
R.T.: 14.042 min
Delta R.T.: -0.015 min
Response: 3161915
Conc: 19.11 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



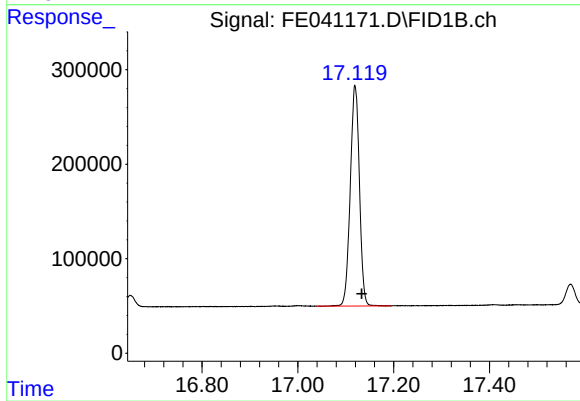
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: -0.016 min
Response: 3133420
Conc: 19.37 ug/ml



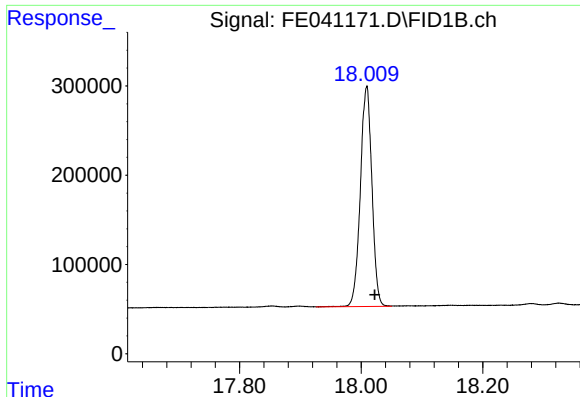
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.014 min
Response: 3083078
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

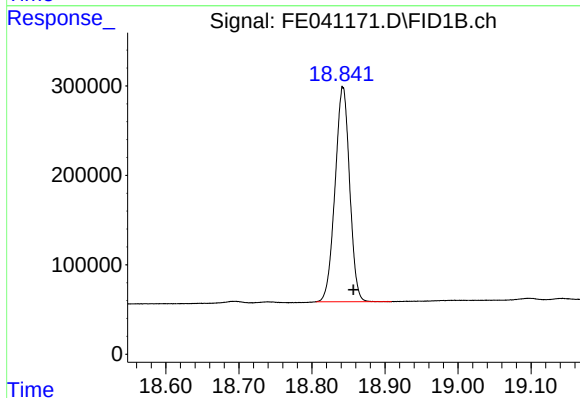
R.T.: 17.119 min
Delta R.T.: -0.014 min
Response: 3136147
Conc: 20.47 ug/ml



#17 n-Tricontane (C30)

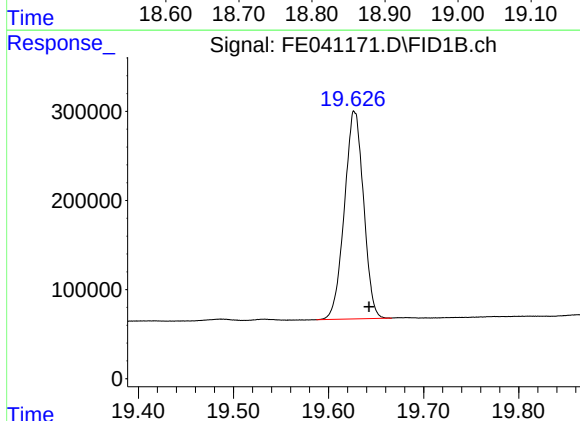
R.T.: 18.009 min
Delta R.T.: -0.013 min
Response: 3259836
Conc: 21.33 ug/ml

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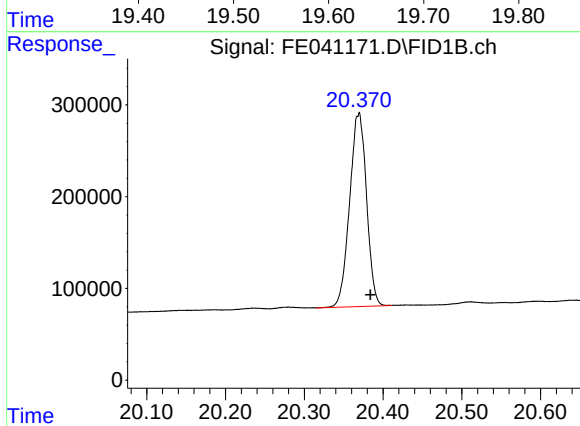
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.014 min
Response: 3328512
Conc: 21.32 ug/ml



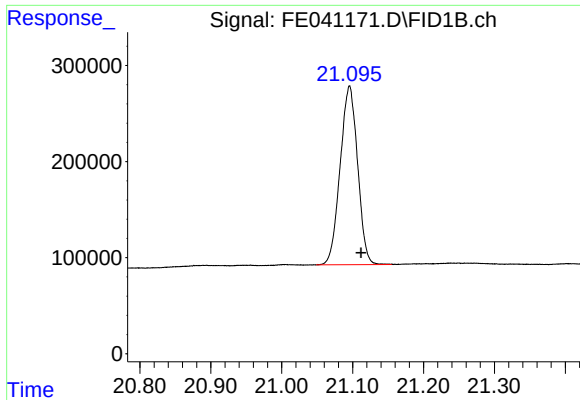
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 3265148
Conc: 21.07 ug/ml m



#20 n-Hexatriacontane (C36)

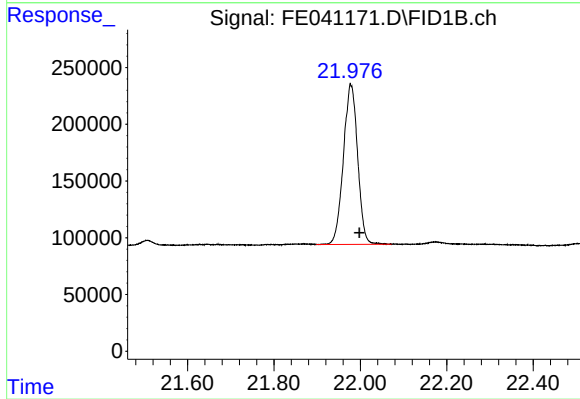
R.T.: 20.369 min
Delta R.T.: -0.015 min
Response: 3141714
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.095 min
Delta R.T.: -0.017 min
Response: 3181029
Conc: 20.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: -0.022 min
Response: 3233877
Conc: 20.26 ug/ml m