

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101222AL\
 Data File : FE038086.D
 Signal(s) : FID1B.ch
 Acq On : 12 Oct 2022 11:39
 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: sample.E
 Quant Time: Oct 13 04:59:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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)	11.598	3340617	19.314 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
12) S 1-chlorooctadecane (S...	13.019	2618839	19.375 ug/ml
Spiked Amount 50.000		Recovery =	38.75%
Target Compounds			
1) T n-Nonane (C9)	2.996	2971963	20.179 ug/ml
2) T n-Decane (C10)	4.253	3088283	20.888 ug/ml
3) T A~Naphthalene (C11.7)	5.973	2884977	21.067 ug/ml
4) T n-Dodecane (C12)	6.424	3197046	20.981 ug/ml
5) T A~2-methylnaphthalene...	7.067	2717171	20.444 ug/ml
6) T n-Tetradecane (C14)	8.244	3209798	20.972 ug/ml
7) T n-Hexadecane (C16)	9.842	3237036	20.724 ug/ml
8) T n-Octadecane (C18)	11.276	3247029	20.243 ug/ml
10) T n-Eicosane (C20)	12.577	3217859	19.733 ug/ml
11) T n-Heneicosane (C21)	13.184	3172262	19.253 ug/ml
13) T n-Docosane (C22)	13.767	3211346	19.508 ug/ml
14) T n-Tetracosane (C24)	14.864	3122018	19.036 ug/ml
15) T n-Hexacosane (C26)	15.878	3025063	18.552 ug/ml
16) T n-Octacosane (C28)	16.822	2995842	18.701 ug/ml
17) T n-Tricontane (C30)	17.704	3074292	19.211 ug/ml
18) T n-Dotriacontane (C32)	18.533	3044669	19.335 ug/ml
19) T n-Tetratriacontane (C34)	19.313	2865966	19.344 ug/ml
20) T n-Hexatriacontane (C36)	20.047	2781923	19.297 ug/ml
21) T n-Octatriacontane (C38)	20.746	2604395	19.192 ug/ml
22) T n-Tetracontane (C40)	21.510	2769692	21.758 ug/ml

(f)=RT Delta > 1/2 Window

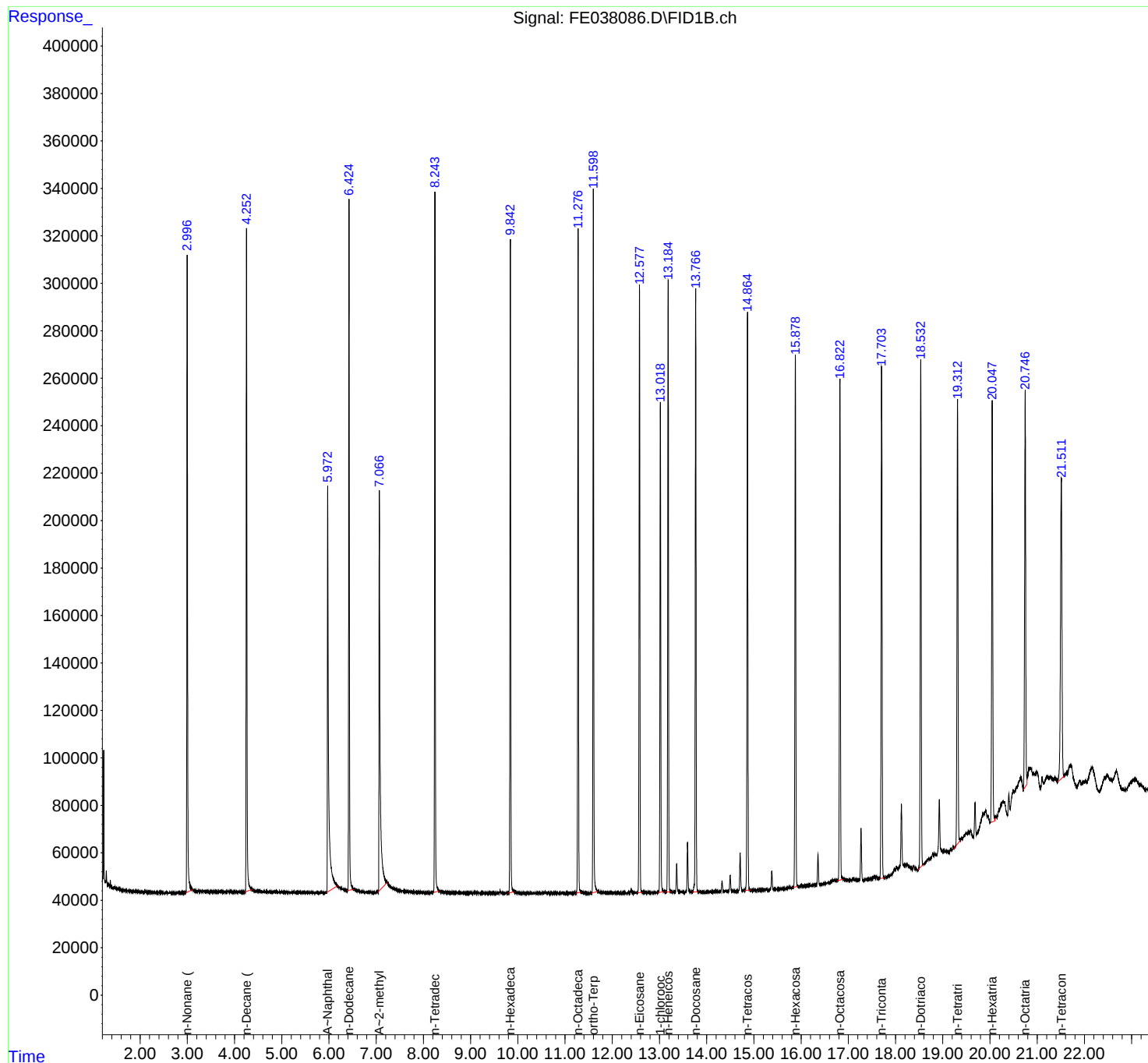
(m)=manual int.

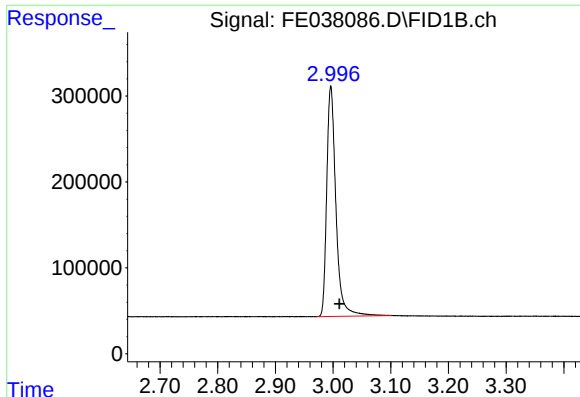
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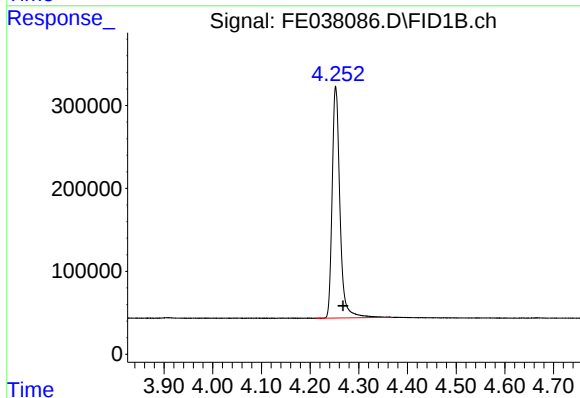




#1 n-Nonane (C9)

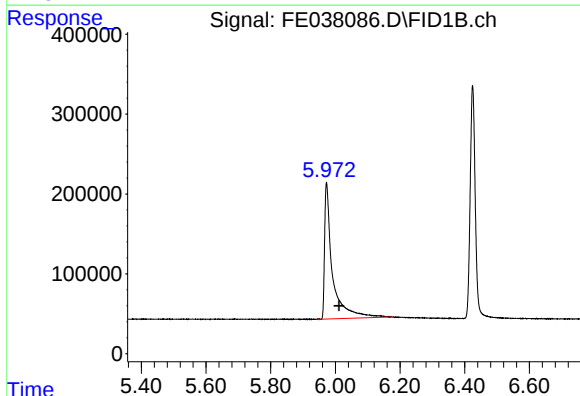
R.T.: 2.996 min
Delta R.T.: -0.015 min
Response: 2971963
Conc: 20.18 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



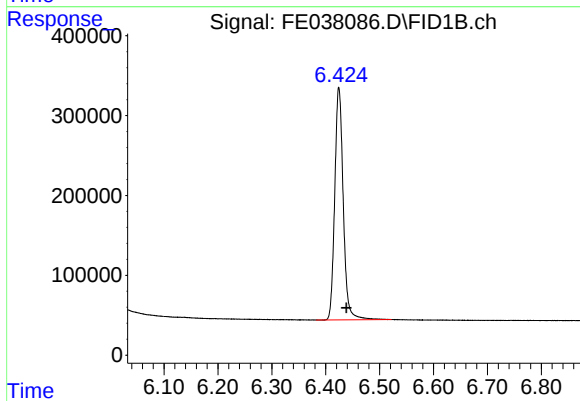
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: -0.015 min
Response: 3088283
Conc: 20.89 ug/ml



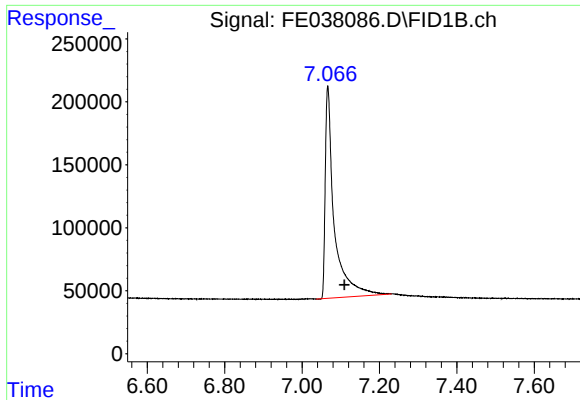
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.038 min
Response: 2884977
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

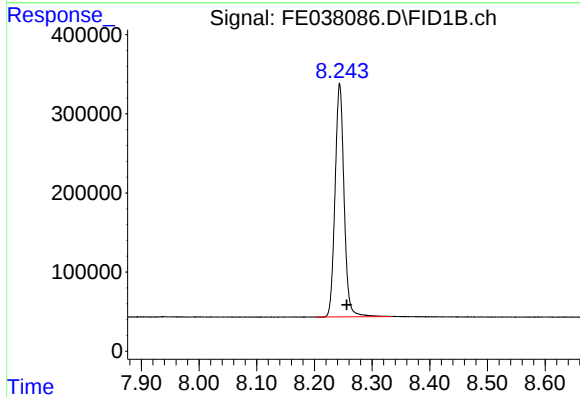
R.T.: 6.424 min
Delta R.T.: -0.014 min
Response: 3197046
Conc: 20.98 ug/ml



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

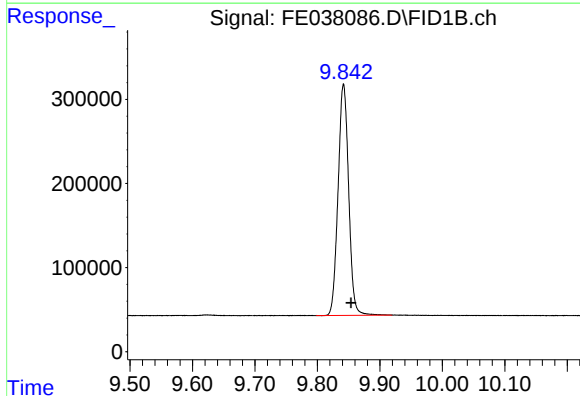
R.T.: 7.067 min
Delta R.T.: -0.043 min
Response: 2717171
Conc: 20.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



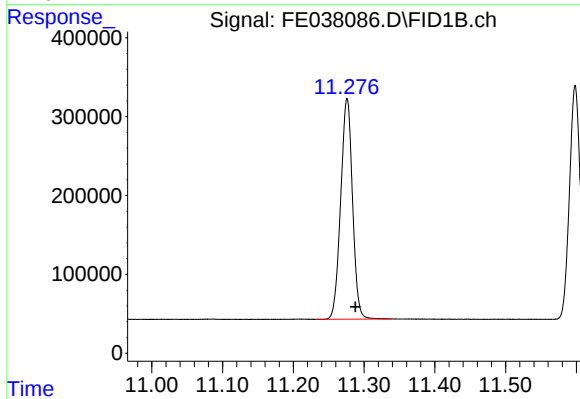
#6 n-Tetradecane (C14)

R.T.: 8.244 min
Delta R.T.: -0.012 min
Response: 3209798
Conc: 20.97 ug/ml



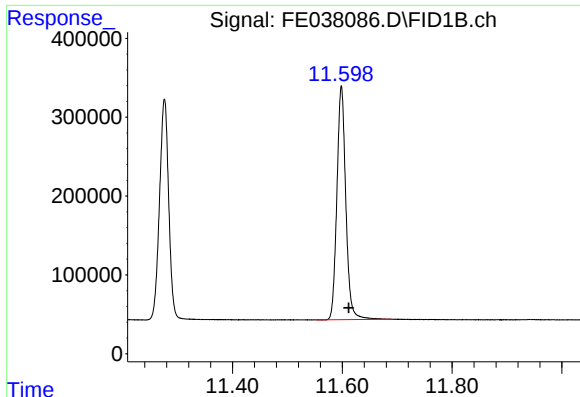
#7 n-Hexadecane (C16)

R.T.: 9.842 min
Delta R.T.: -0.012 min
Response: 3237036
Conc: 20.72 ug/ml



#8 n-Octadecane (C18)

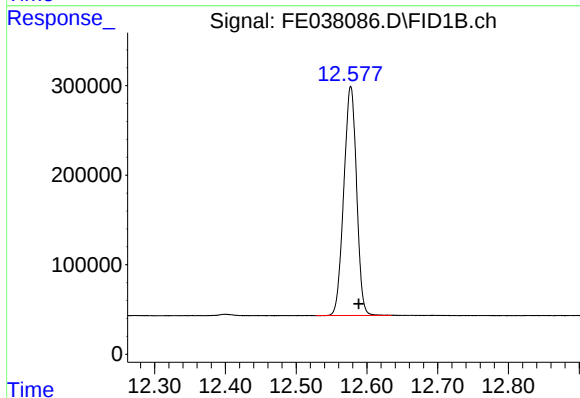
R.T.: 11.276 min
Delta R.T.: -0.012 min
Response: 3247029
Conc: 20.24 ug/ml



#9 ortho-Terphenyl (SURR)

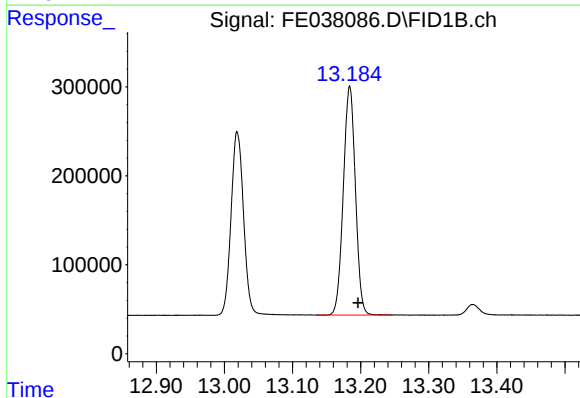
R.T.: 11.598 min
Delta R.T.: -0.013 min
Response: 3340617
Conc: 19.31 ug/ml

Instrument :
FID_E
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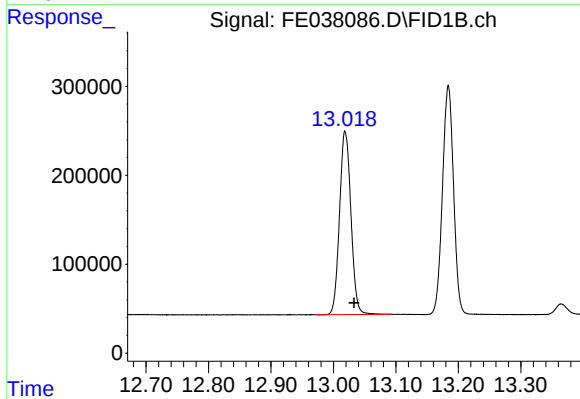
#10 n-Eicosane (C20)

R.T.: 12.577 min
Delta R.T.: -0.011 min
Response: 3217859
Conc: 19.73 ug/ml



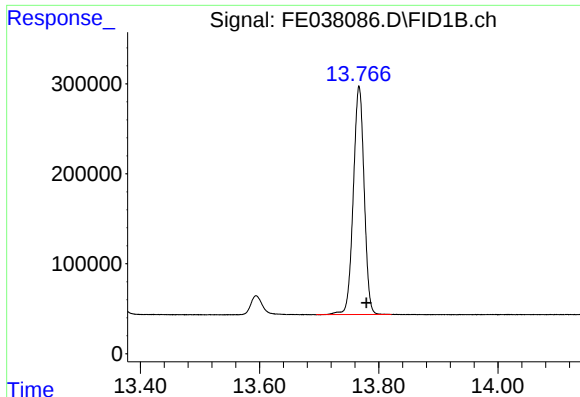
#11 n-Heneicosane (C21)

R.T.: 13.184 min
Delta R.T.: -0.012 min
Response: 3172262
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

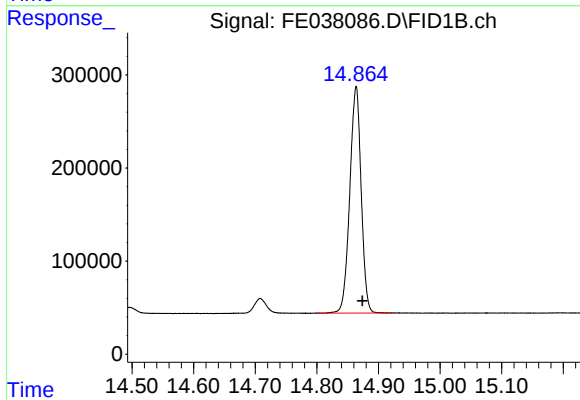
R.T.: 13.019 min
Delta R.T.: -0.014 min
Response: 2618839
Conc: 19.38 ug/ml



#13 n-Docosane (C22)

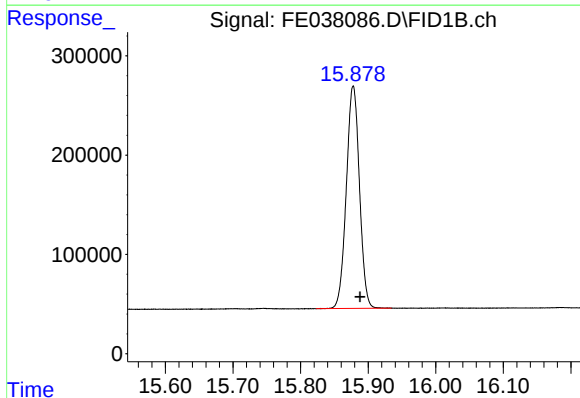
R.T.: 13.767 min
Delta R.T.: -0.012 min
Response: 3211346
Conc: 19.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



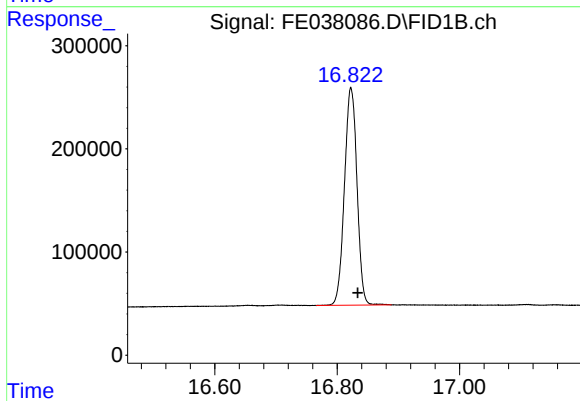
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: -0.010 min
Response: 3122018
Conc: 19.04 ug/ml



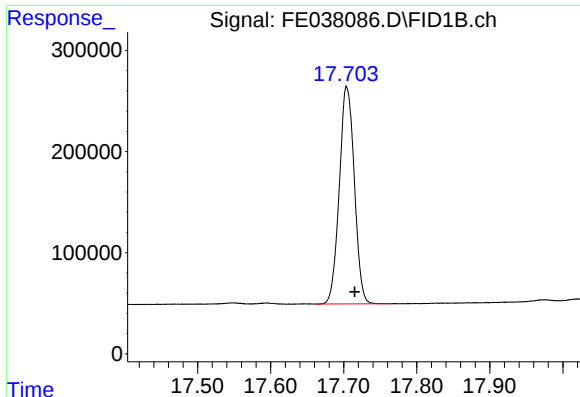
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.010 min
Response: 3025063
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

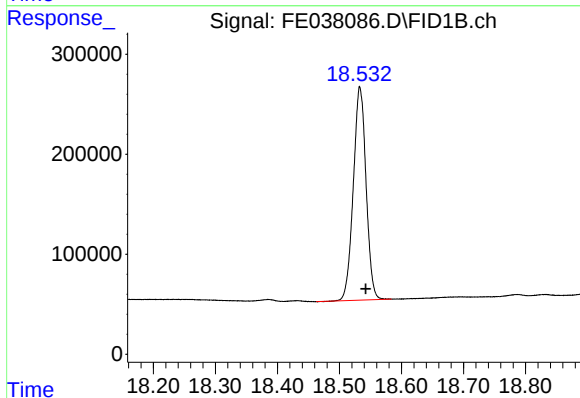
R.T.: 16.822 min
Delta R.T.: -0.011 min
Response: 2995842
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

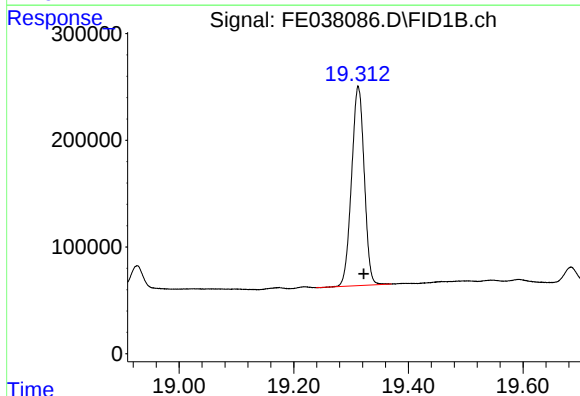
R.T.: 17.704 min
Delta R.T.: -0.011 min
Response: 3074292
Conc: 19.21 ug/ml

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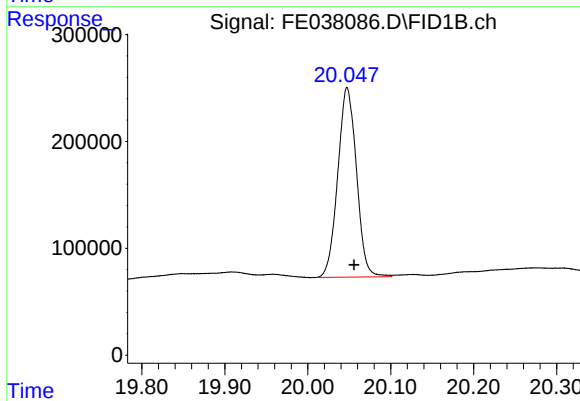
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.009 min
Response: 3044669
Conc: 19.33 ug/ml



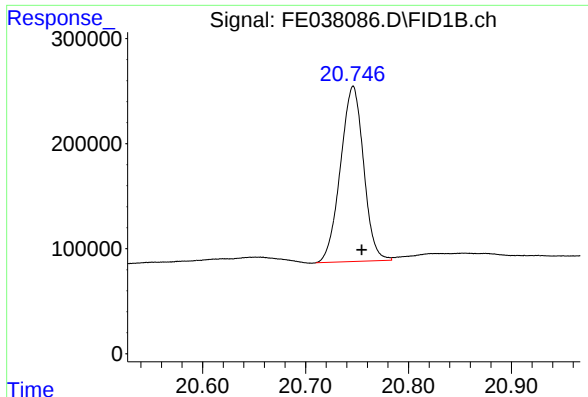
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.010 min
Response: 2865966
Conc: 19.34 ug/ml



#20 n-Hexatriacontane (C36)

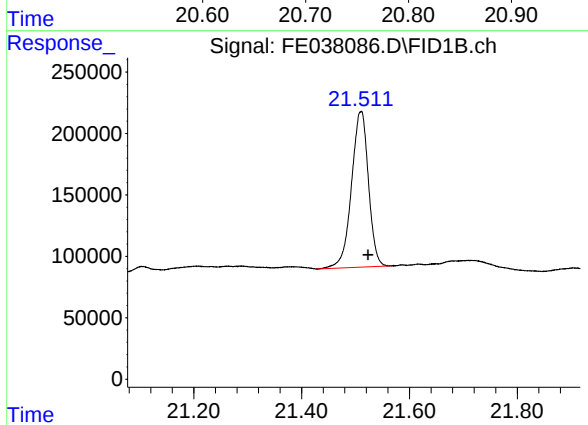
R.T.: 20.047 min
Delta R.T.: -0.009 min
Response: 2781923
Conc: 19.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.746 min
Delta R.T.: -0.008 min
Response: 2604395
Conc: 19.19 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.510 min
Delta R.T.: -0.013 min
Response: 2769692
Conc: 21.76 ug/ml