

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092822AL\
 Data File : FE037826.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 07:45
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 28 08:13:44 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)	11.609	3391701	19.609 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	13.032	2660765	19.686 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
Target Compounds			
1) T n-Nonane (C9)	3.009	2909817	19.757 ug/ml
2) T n-Decane (C10)	4.265	2929544	19.815 ug/ml
3) T A~Naphthalene (C11.7)	5.985	2767637	20.210 ug/ml
4) T n-Dodecane (C12)	6.436	3016595	19.796 ug/ml
5) T A~2-methylnaphthalene...	7.079	2535580	19.078 ug/ml
6) T n-Tetradecane (C14)	8.256	3021690	19.743 ug/ml
7) T n-Hexadecane (C16)	9.854	3078869	19.711 ug/ml
8) T n-Octadecane (C18)	11.288	3138749	19.568 ug/ml
10) T n-Eicosane (C20)	12.589	3191909	19.574 ug/ml
11) T n-Heneicosane (C21)	13.197	3219551	19.540 ug/ml
13) T n-Docosane (C22)	13.780	3218531	19.552 ug/ml
14) T n-Tetracosane (C24)	14.875	3203096	19.530 ug/ml
15) T n-Hexacosane (C26)	15.890	3175107	19.472 ug/ml
16) T n-Octacosane (C28)	16.834	3113141	19.433 ug/ml
17) T n-Tricontane (C30)	17.715	3106311	19.411 ug/ml
18) T n-Dotriacontane (C32)	18.543	3042847	19.323 ug/ml
19) T n-Tetratriacontane (C34)	19.321	2855722	19.275 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2781217	19.292 ug/ml
21) T n-Octatriacontane (C38)	20.754	2616395	19.281 ug/ml
22) T n-Tetracontane (C40)	21.522	2443909	19.199 ug/ml

(f)=RT Delta > 1/2 Window

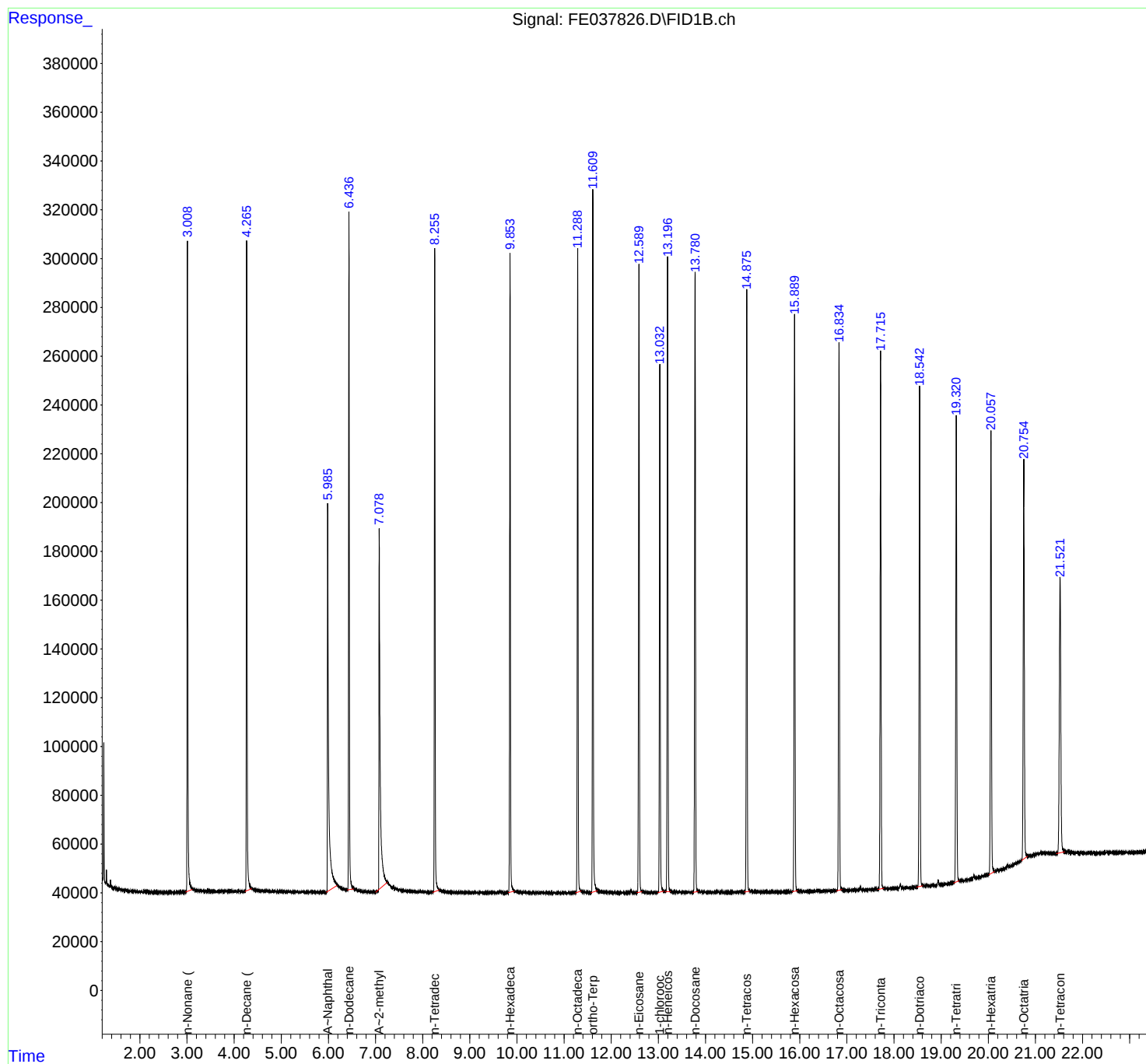
(m)=manual int.

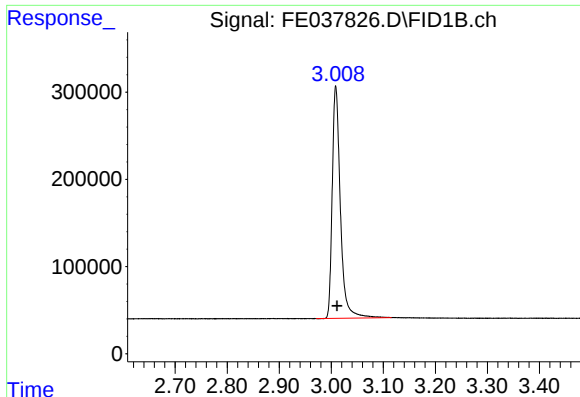
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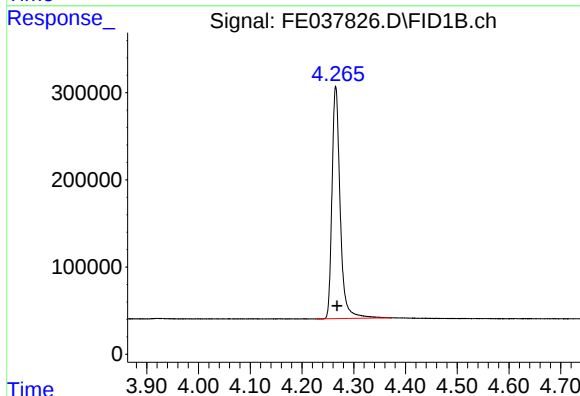




#1 n-Nonane (C9)

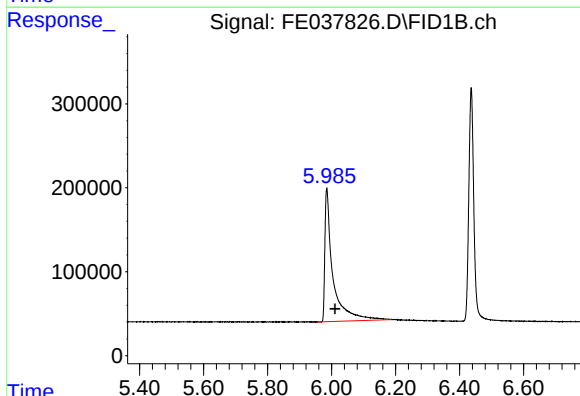
R.T.: 3.009 min
Delta R.T.: -0.002 min
Response: 2909817
Conc: 19.76 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



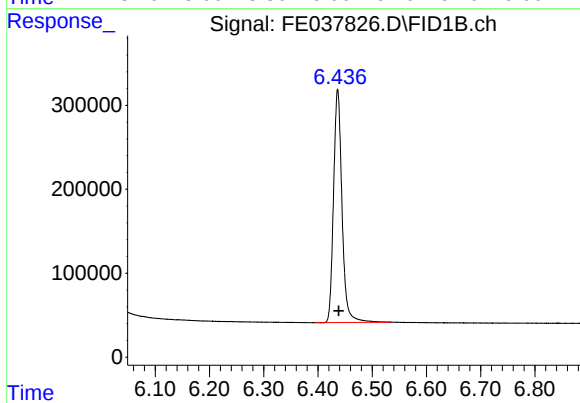
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: -0.002 min
Response: 2929544
Conc: 19.81 ug/ml



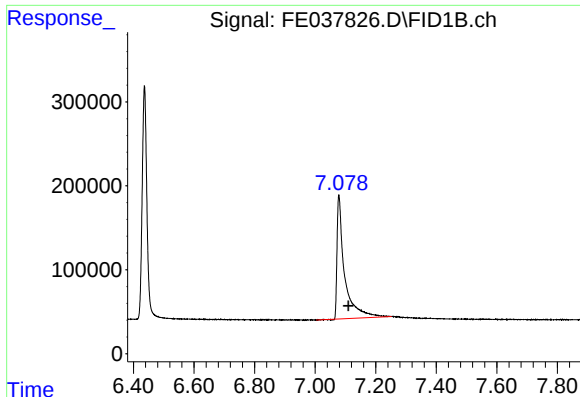
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.026 min
Response: 2767637
Conc: 20.21 ug/ml



#4 n-Dodecane (C12)

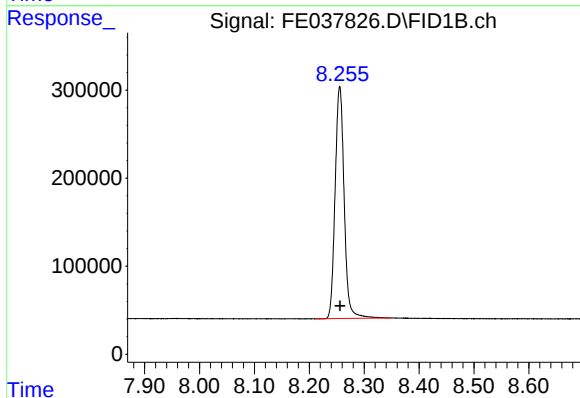
R.T.: 6.436 min
Delta R.T.: -0.002 min
Response: 3016595
Conc: 19.80 ug/ml



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

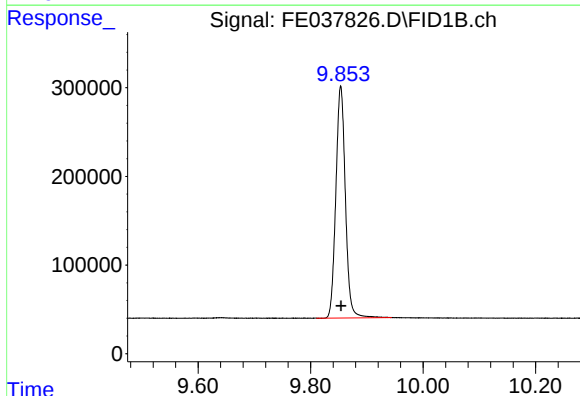
R.T.: 7.079 min
Delta R.T.: -0.031 min
Response: 2535580
Conc: 19.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



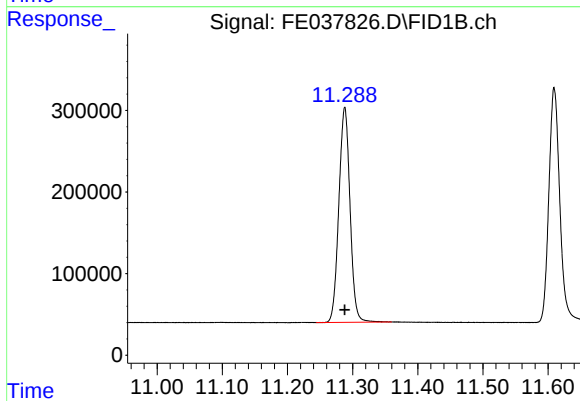
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 3021690
Conc: 19.74 ug/ml



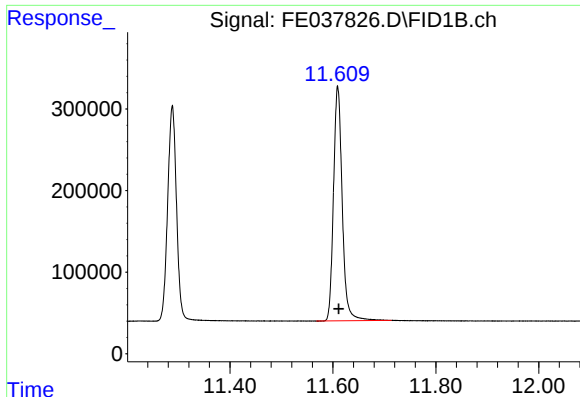
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 3078869
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

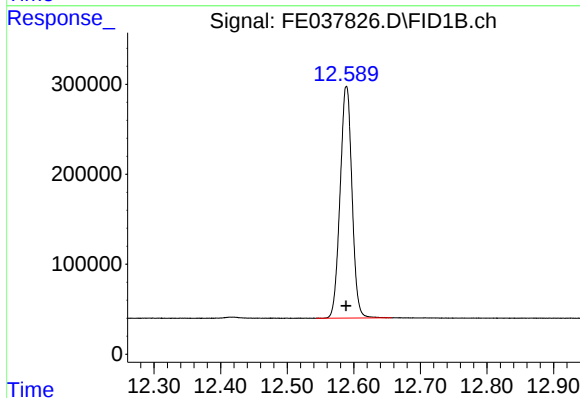
R.T.: 11.288 min
Delta R.T.: 0.000 min
Response: 3138749
Conc: 19.57 ug/ml



#9 ortho-Terphenyl (SURR)

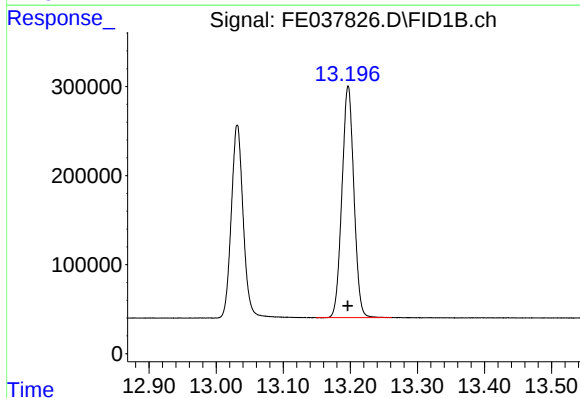
R.T.: 11.609 min
Delta R.T.: -0.002 min
Response: 3391701
Conc: 19.61 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



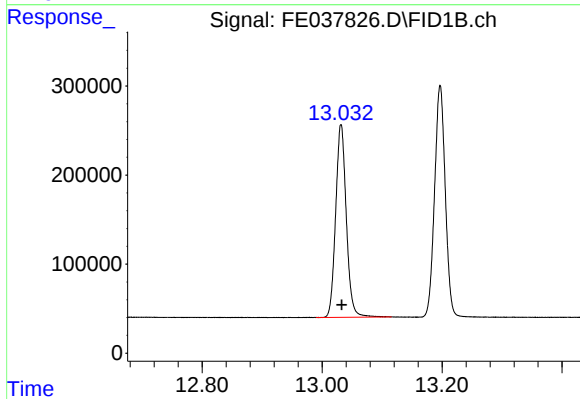
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.000 min
Response: 3191909
Conc: 19.57 ug/ml



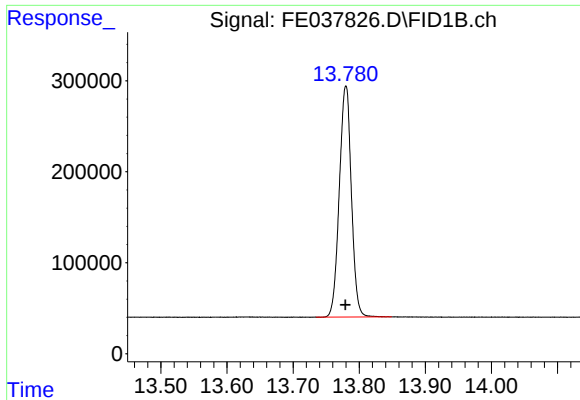
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: 0.000 min
Response: 3219551
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

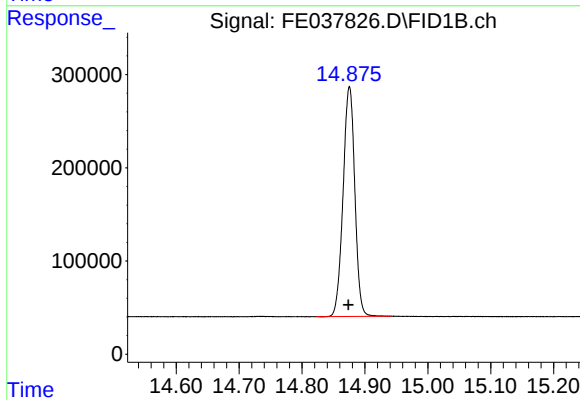
R.T.: 13.032 min
Delta R.T.: -0.001 min
Response: 2660765
Conc: 19.69 ug/ml



#13 n-Docosane (C22)

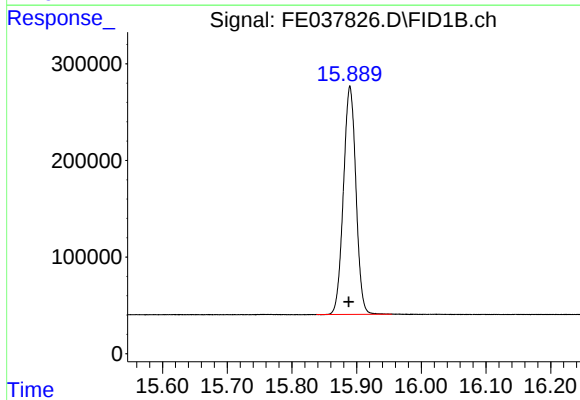
R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 3218531
Conc: 19.55 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



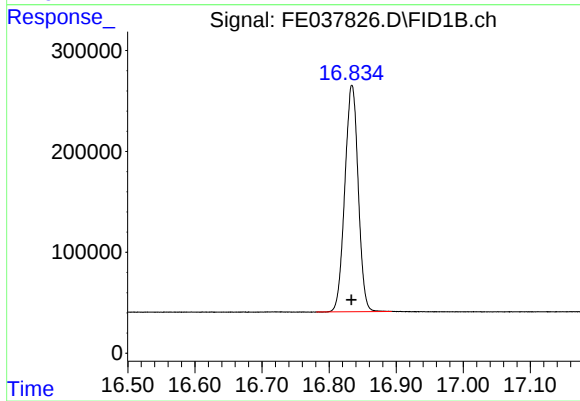
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: 0.002 min
Response: 3203096
Conc: 19.53 ug/ml



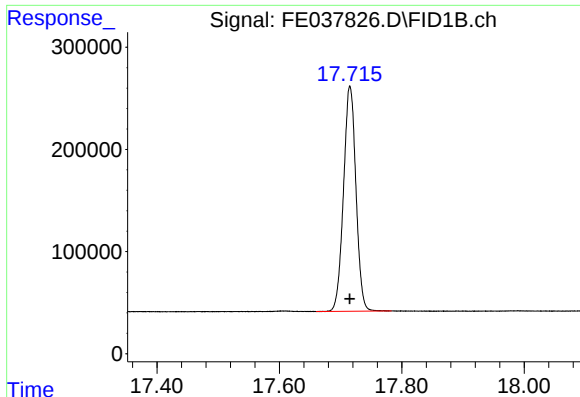
#15 n-Hexacosane (C26)

R.T.: 15.890 min
Delta R.T.: 0.002 min
Response: 3175107
Conc: 19.47 ug/ml



#16 n-Octacosane (C28)

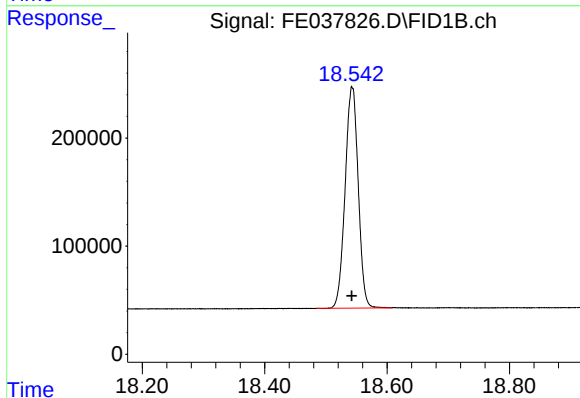
R.T.: 16.834 min
Delta R.T.: 0.000 min
Response: 3113141
Conc: 19.43 ug/ml



#17 n-Tricontane (C30)

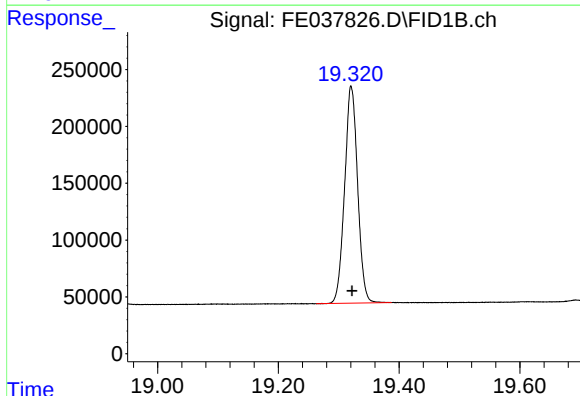
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 3106311
Conc: 19.41 ug/ml

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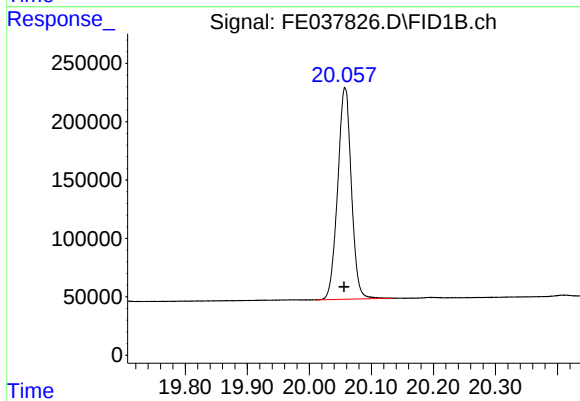
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: 0.000 min
Response: 3042847
Conc: 19.32 ug/ml



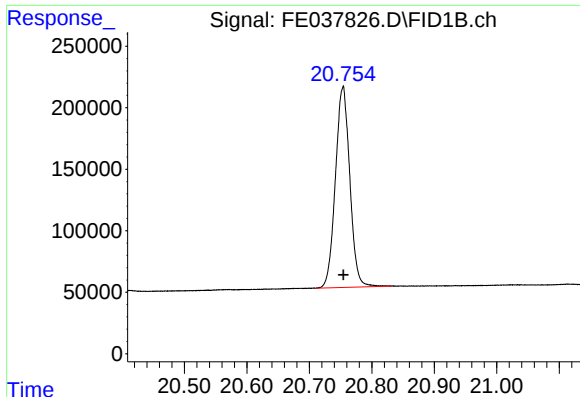
#19 n-Tetratriacontane (C34)

R.T.: 19.321 min
Delta R.T.: -0.002 min
Response: 2855722
Conc: 19.28 ug/ml



#20 n-Hexatriacontane (C36)

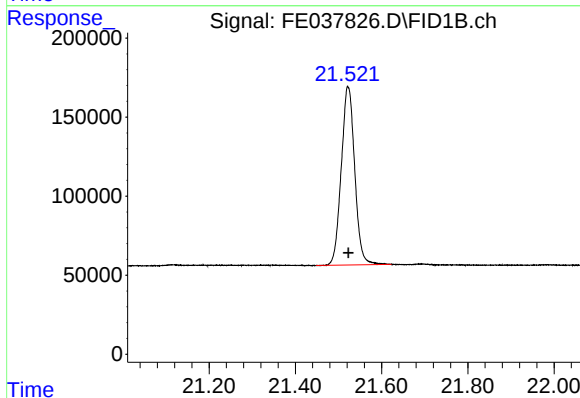
R.T.: 20.058 min
Delta R.T.: 0.002 min
Response: 2781217
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: 0.000 min
Response: 2616395
Conc: 19.28 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.522 min
Delta R.T.: -0.001 min
Response: 2443909
Conc: 19.20 ug/ml