

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092922AL\
 Data File : FE037828.D
 Signal(s) : FID1B.ch
 Acq On : 28 Sep 2022 11:44
 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: autoint1.e
 Quant Time: Sep 29 02:41:50 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	3369157	19.479 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	13.031	2644097	19.562 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
Target Compounds			
1) T n-Nonane (C9)	3.009	2879175	19.549 ug/ml
2) T n-Decane (C10)	4.265	2906611	19.660 ug/ml
3) T A~Naphthalene (C11.7)	5.985	2709267	19.784 ug/ml
4) T n-Dodecane (C12)	6.435	2981744	19.568 ug/ml
5) T A~2-methylnaphthalene...	7.079	2615099	19.676 ug/ml
6) T n-Tetradecane (C14)	8.254	2995841	19.574 ug/ml
7) T n-Hexadecane (C16)	9.853	3053836	19.551 ug/ml
8) T n-Octadecane (C18)	11.287	3123875	19.476 ug/ml
10) T n-Eicosane (C20)	12.588	3175947	19.476 ug/ml
11) T n-Heneicosane (C21)	13.196	3200413	19.424 ug/ml
13) T n-Docosane (C22)	13.778	3198907	19.433 ug/ml
14) T n-Tetracosane (C24)	14.874	3178211	19.379 ug/ml
15) T n-Hexacosane (C26)	15.889	3147495	19.302 ug/ml
16) T n-Octacosane (C28)	16.833	3082756	19.243 ug/ml
17) T n-Tricontane (C30)	17.715	3055915	19.096 ug/ml
18) T n-Dotriacontane (C32)	18.542	2984132	18.950 ug/ml
19) T n-Tetratriacontane (C34)	19.320	2785639	18.802 ug/ml
20) T n-Hexatriacontane (C36)	20.055	2691561	18.670 ug/ml
21) T n-Octatriacontane (C38)	20.752	2529482	18.640 ug/ml
22) T n-Tetracontane (C40)	21.520	2370865	18.625 ug/ml

(f)=RT Delta > 1/2 Window

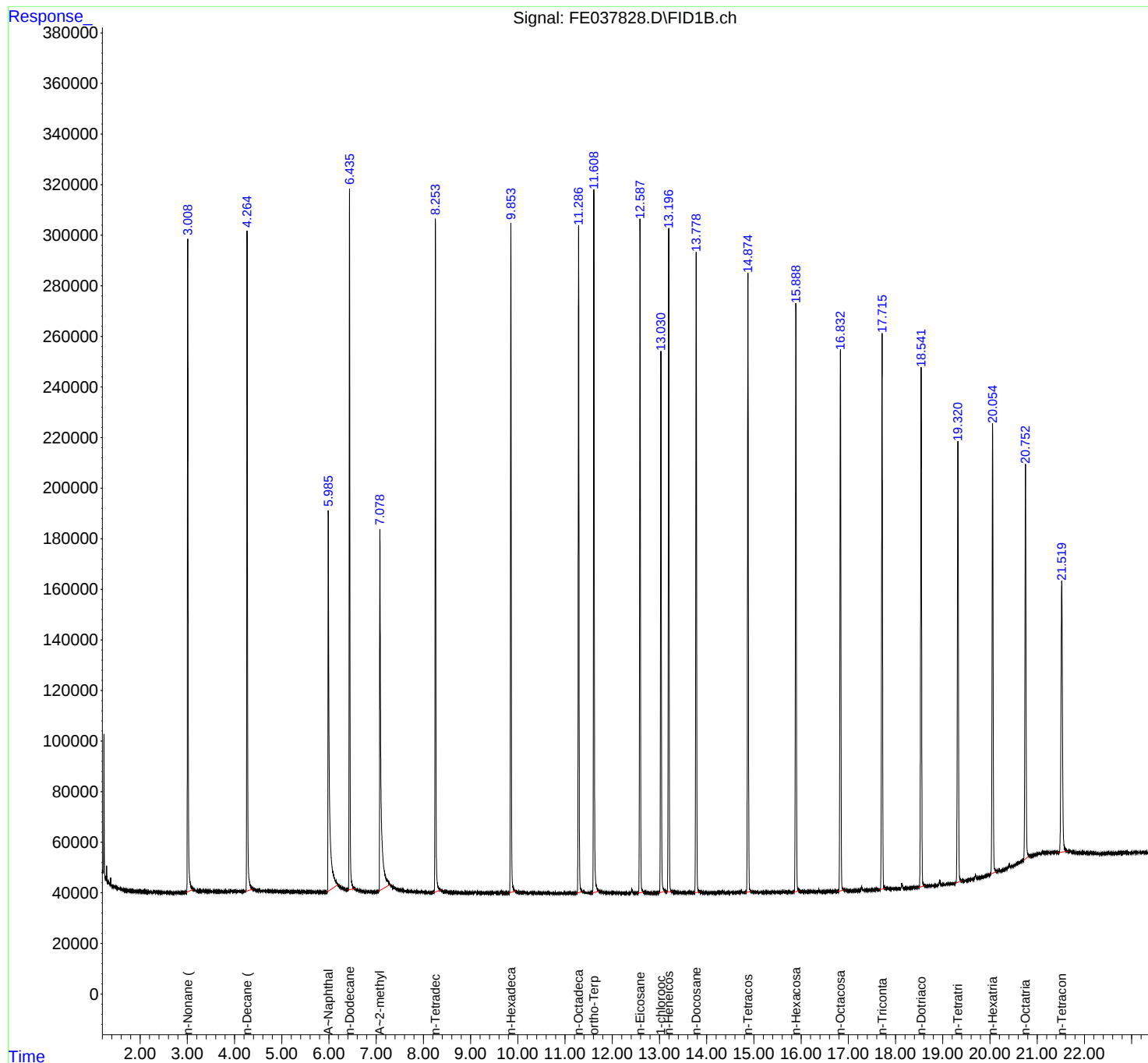
(m)=manual int.

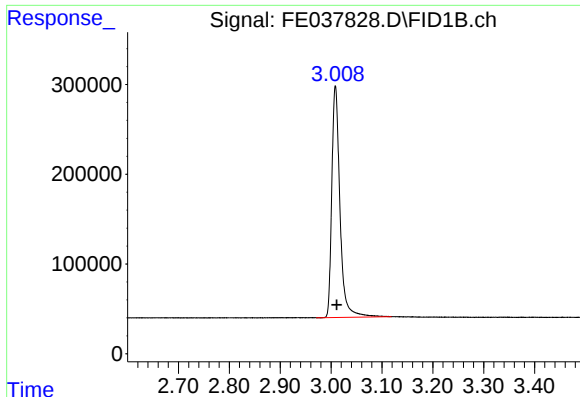
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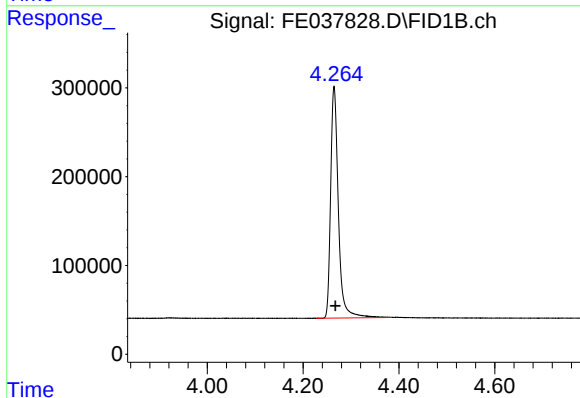




#1 n-Nonane (C9)

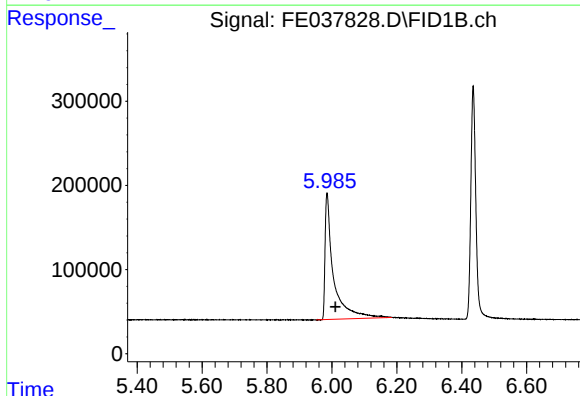
R.T.: 3.009 min
Delta R.T.: -0.002 min
Response: 2879175
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



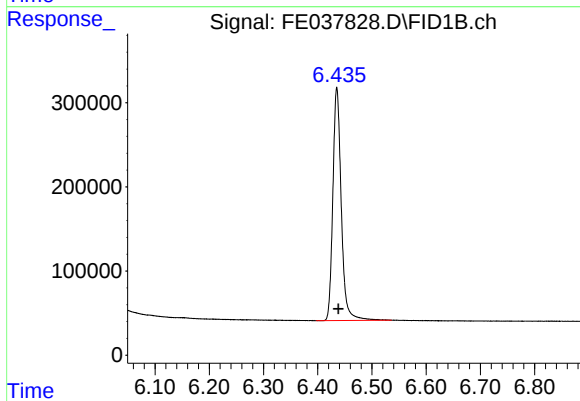
#2 n-Decane (C10)

R.T.: 4.265 min
Delta R.T.: -0.003 min
Response: 2906611
Conc: 19.66 ug/ml



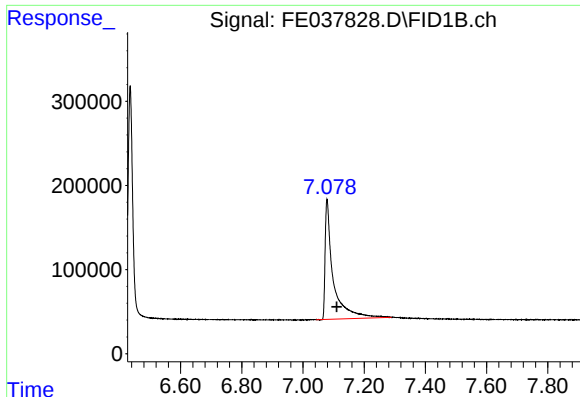
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.026 min
Response: 2709267
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

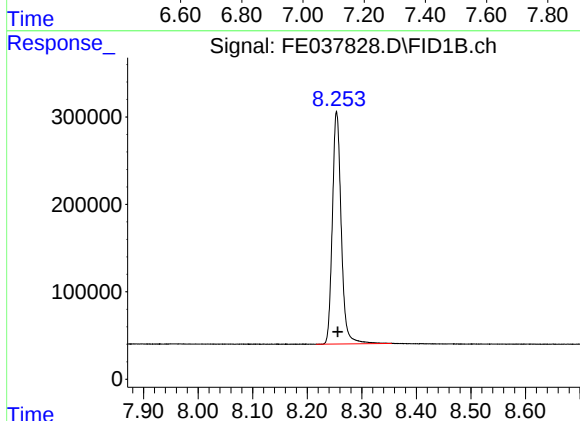
R.T.: 6.435 min
Delta R.T.: -0.003 min
Response: 2981744
Conc: 19.57 ug/ml



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

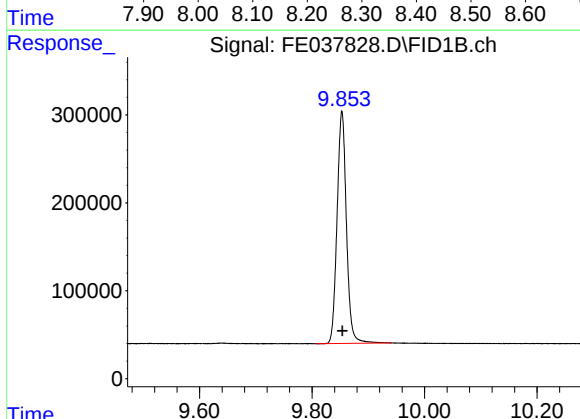
R.T.: 7.079 min
Delta R.T.: -0.031 min
Response: 2615099
Conc: 19.68 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



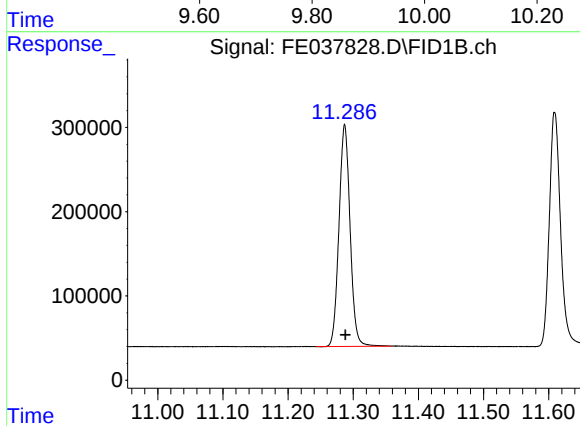
#6 n-Tetradecane (C14)

R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 2995841
Conc: 19.57 ug/ml



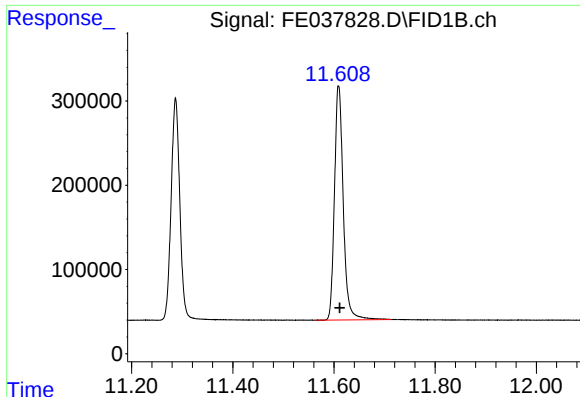
#7 n-Hexadecane (C16)

R.T.: 9.853 min
Delta R.T.: 0.000 min
Response: 3053836
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

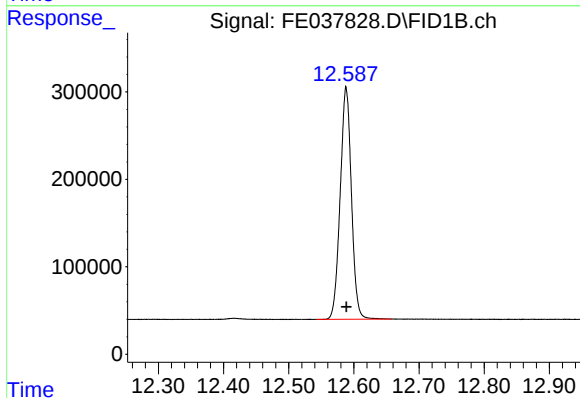
R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 3123875
Conc: 19.48 ug/ml



#9 ortho-Terphenyl (SURR)

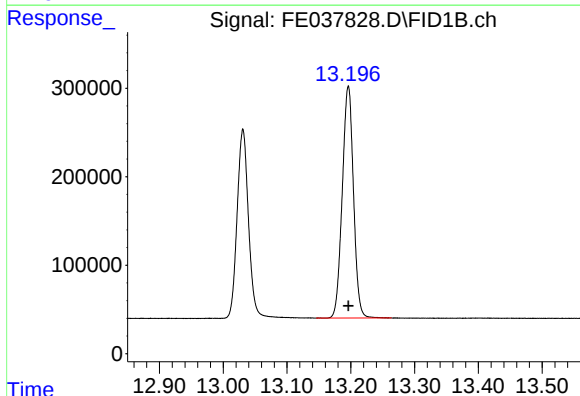
R.T.: 11.609 min
Delta R.T.: -0.002 min
Response: 3369157
Conc: 19.48 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



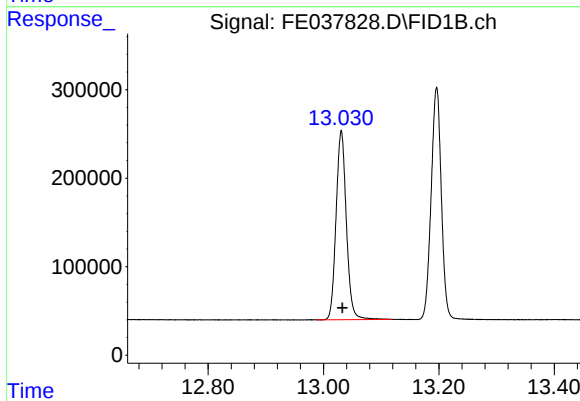
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.000 min
Response: 3175947
Conc: 19.48 ug/ml



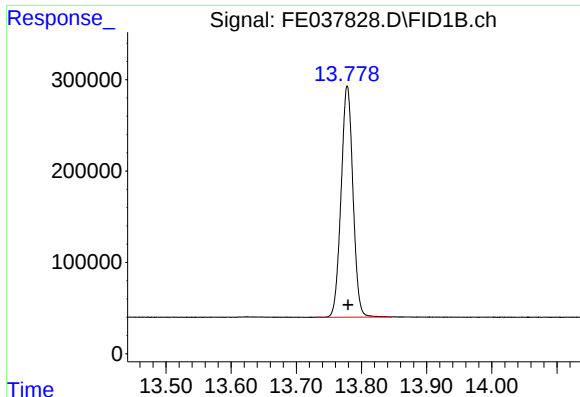
#11 n-Heneicosane (C21)

R.T.: 13.196 min
Delta R.T.: 0.000 min
Response: 3200413
Conc: 19.42 ug/ml



#12 1-chlorooctadecane (SURR)

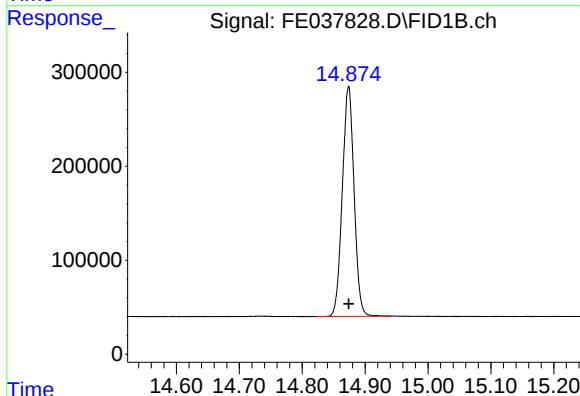
R.T.: 13.031 min
Delta R.T.: -0.002 min
Response: 2644097
Conc: 19.56 ug/ml



#13 n-Docosane (C22)

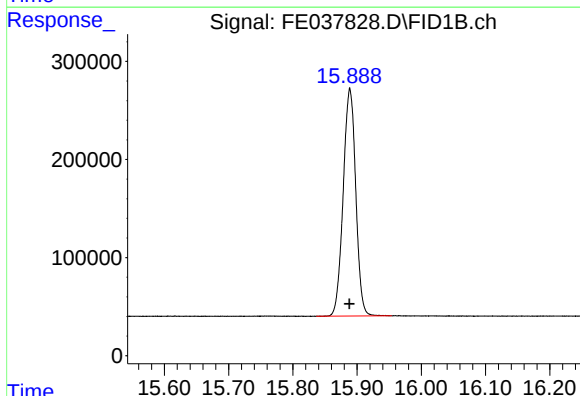
R.T.: 13.778 min
Delta R.T.: -0.001 min
Response: 3198907
Conc: 19.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



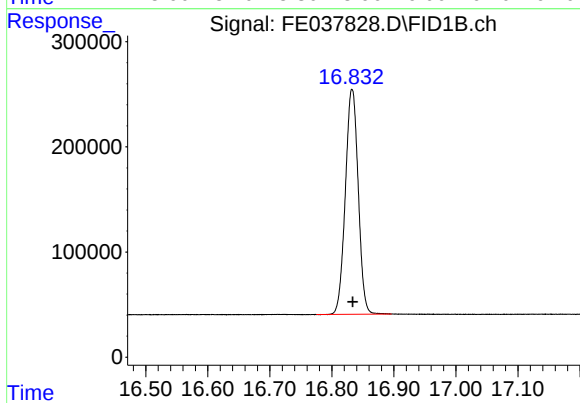
#14 n-Tetracosane (C24)

R.T.: 14.874 min
Delta R.T.: 0.000 min
Response: 3178211
Conc: 19.38 ug/ml



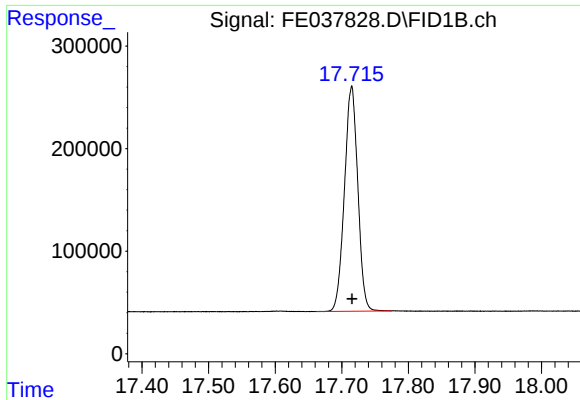
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.000 min
Response: 3147495
Conc: 19.30 ug/ml



#16 n-Octacosane (C28)

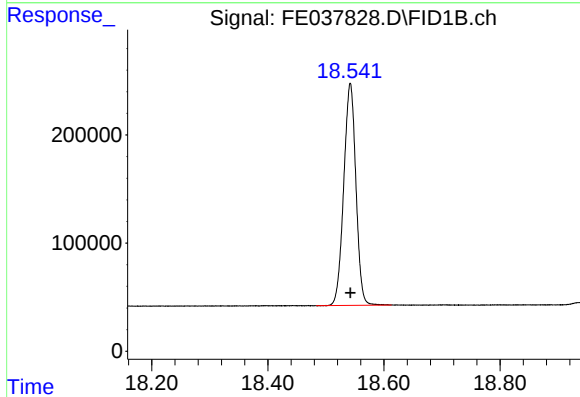
R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 3082756
Conc: 19.24 ug/ml



#17 n-Tricontane (C30)

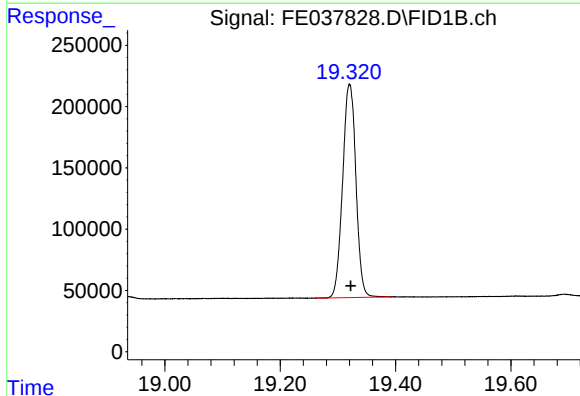
R.T.: 17.715 min
Delta R.T.: 0.000 min
Response: 3055915
Conc: 19.10 ug/ml

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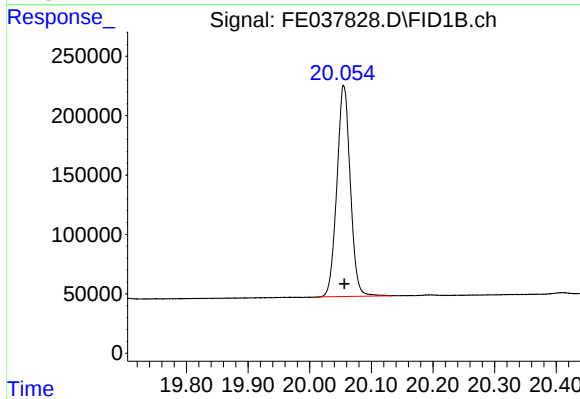
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.000 min
Response: 2984132
Conc: 18.95 ug/ml



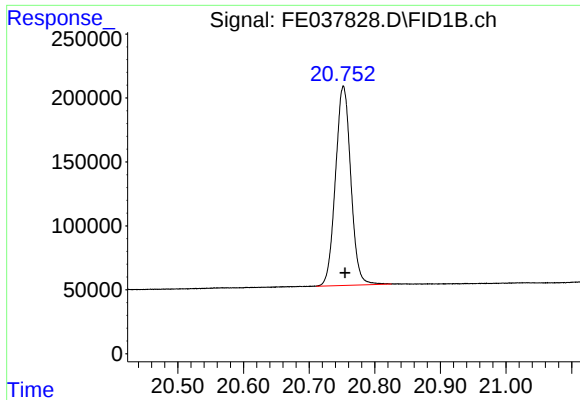
#19 n-Tetratriacontane (C34)

R.T.: 19.320 min
Delta R.T.: -0.002 min
Response: 2785639
Conc: 18.80 ug/ml



#20 n-Hexatriacontane (C36)

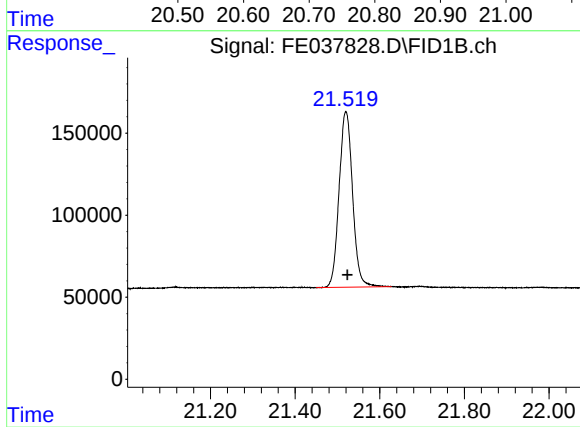
R.T.: 20.055 min
Delta R.T.: 0.000 min
Response: 2691561
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.752 min
Delta R.T.: -0.002 min
Response: 2529482
Conc: 18.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.520 min
Delta R.T.: -0.003 min
Response: 2370865
Conc: 18.62 ug/ml