

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092122AL\
 Data File : FE037718.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 09:59
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 21 14:22:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.624	3202065	18.948 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
12) S 1-chlorooctadecane (S...	13.047	2463450	19.141 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.017	3078097	20.118 ug/mlm
2) T n-Decane (C10)	4.276	3120769	20.242 ug/ml
3) T A~Naphthalene (C11.7)	5.992	3094608	21.480 ug/ml
4) T n-Dodecane (C12)	6.448	3181328	20.118 ug/ml
5) T A~2-methylnaphthalene...	7.085	3024816	21.666 ug/ml
6) T n-Tetradecane (C14)	9.867	3162786	19.960 ug/ml
7) T n-Hexadecane (C16)	9.867	3162786	19.960 ug/ml
8) T n-Octadecane (C18)	11.302	3117565	19.577 ug/ml
10) T n-Eicosane (C20)	12.604	3020235	19.089 ug/ml
11) T n-Heneicosane (C21)	13.213	2970466	18.837 ug/ml
13) T n-Docosane (C22)	13.796	2918587	18.749 ug/ml
14) T n-Tetracosane (C24)	14.892	2841327	18.891 ug/ml
15) T n-Hexacosane (C26)	15.908	2774918	19.163 ug/ml
16) T n-Octacosane (C28)	16.853	2737355	19.759 ug/ml
17) T n-Tricontane (C30)	17.737	2791930	20.524 ug/ml
18) T n-Dotriacontane (C32)	18.565	2825938	21.163 ug/ml
19) T n-Tetratriacontane (C34)	19.345	2718972	21.489 ug/ml
20) T n-Hexatriacontane (C36)	20.081	2687757	20.898 ug/ml
21) T n-Octatriacontane (C38)	20.778	2634606	21.168 ug/ml
22) T n-Tetracontane (C40)	21.553	2719283	21.094 ug/mlm

(f)=RT Delta > 1/2 Window

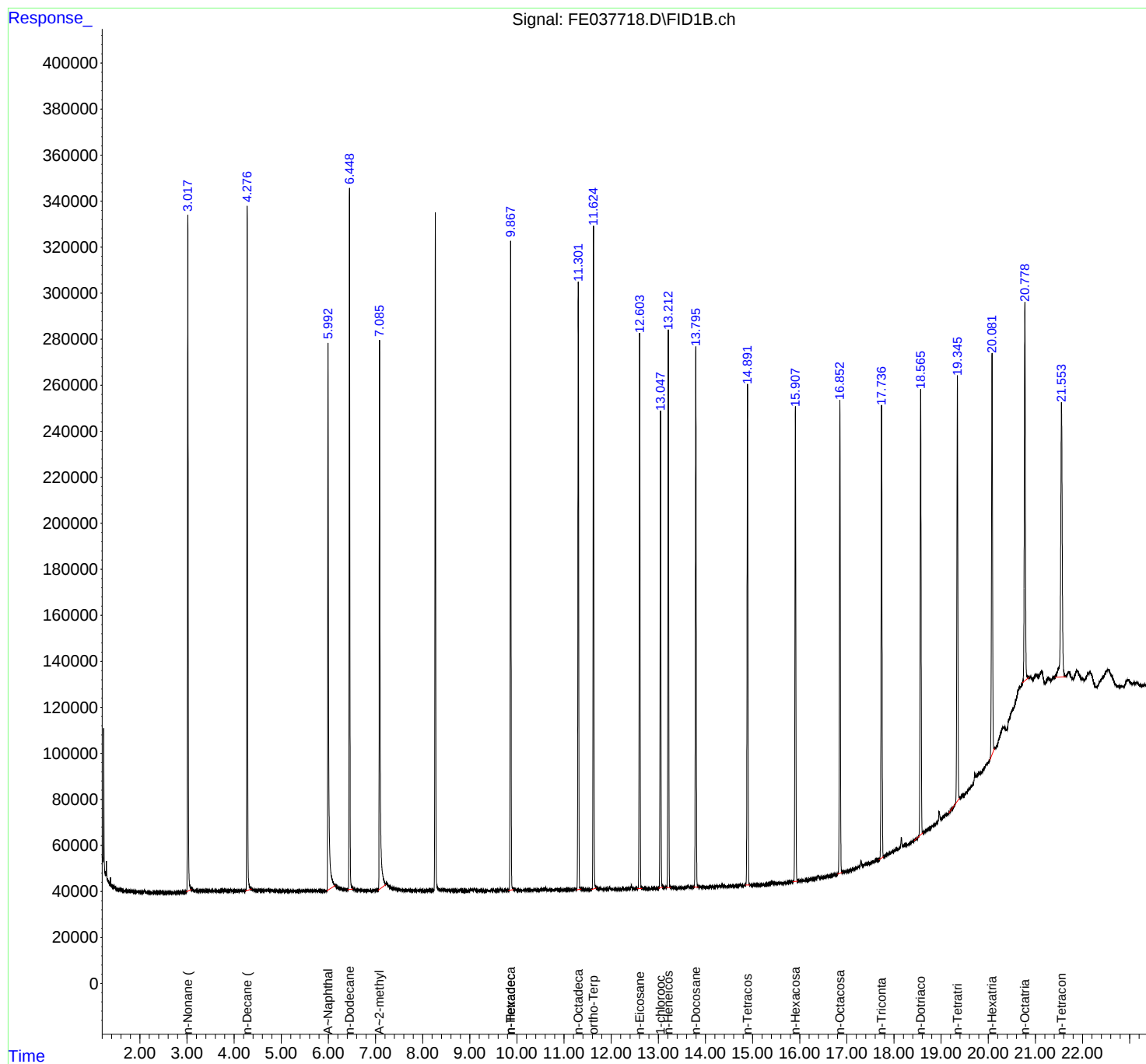
(m)=manual int.

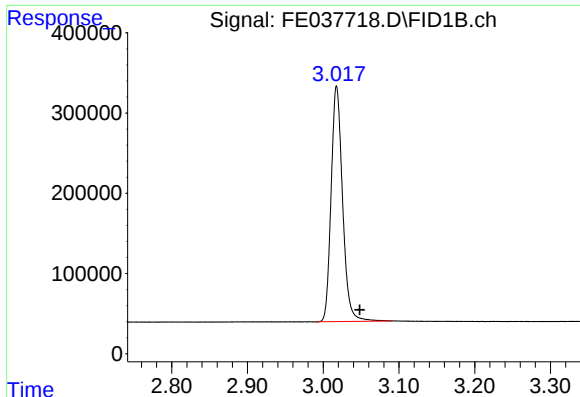
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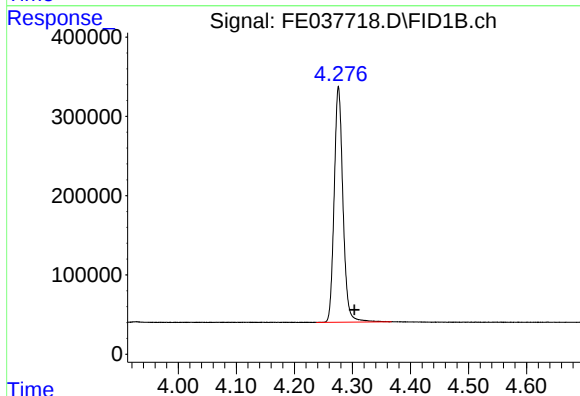




#1 n-Nonane (C9)

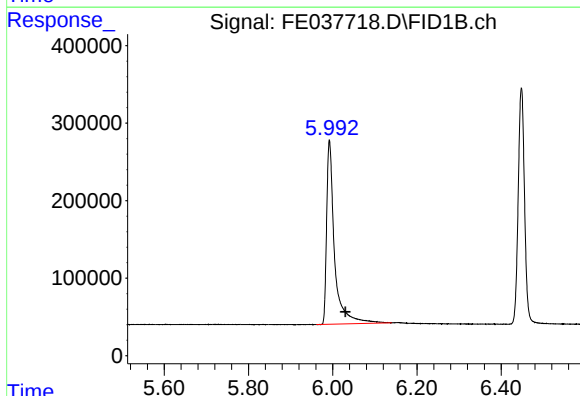
R.T.: 3.017 min
Delta R.T.: -0.031 min
Response: 3078097
Conc: 20.12 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



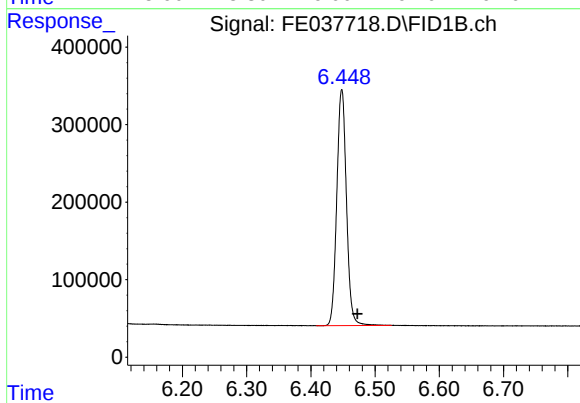
#2 n-Decane (C10)

R.T.: 4.276 min
Delta R.T.: -0.027 min
Response: 3120769
Conc: 20.24 ug/ml



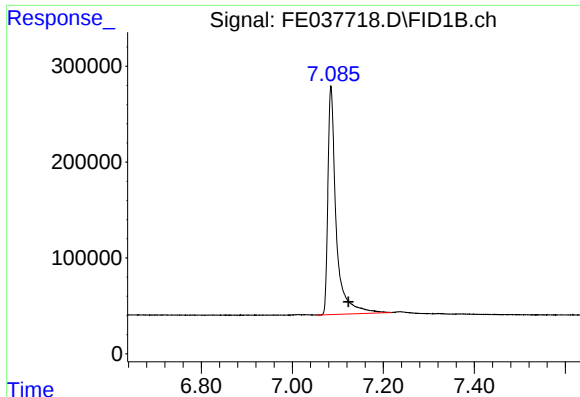
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.038 min
Response: 3094608
Conc: 21.48 ug/ml



#4 n-Dodecane (C12)

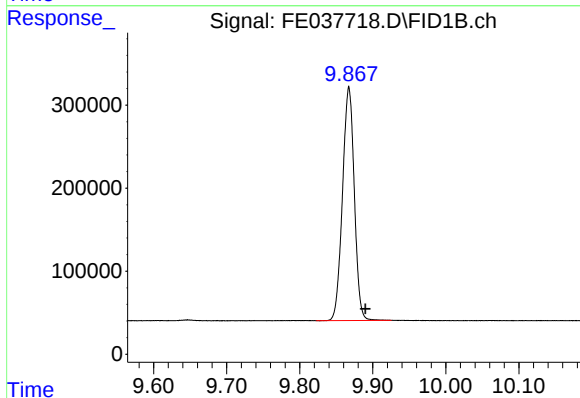
R.T.: 6.448 min
Delta R.T.: -0.024 min
Response: 3181328
Conc: 20.12 ug/ml



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

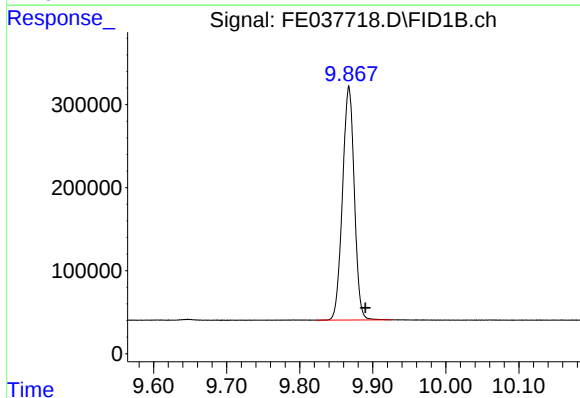
R.T.: 7.085 min
Delta R.T.: -0.038 min
Response: 3024816
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



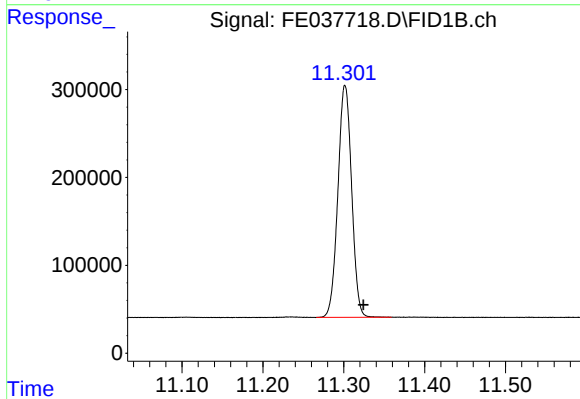
#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.022 min
Response: 3162786
Conc: 19.96 ug/ml



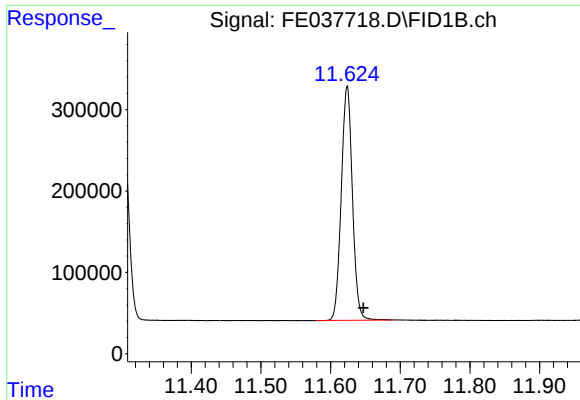
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.022 min
Response: 3162786
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

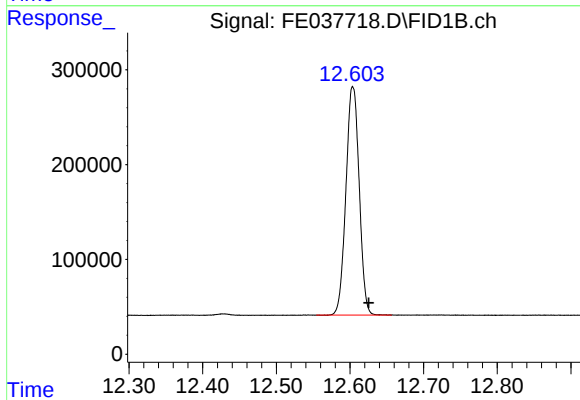
R.T.: 11.302 min
Delta R.T.: -0.023 min
Response: 3117565
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

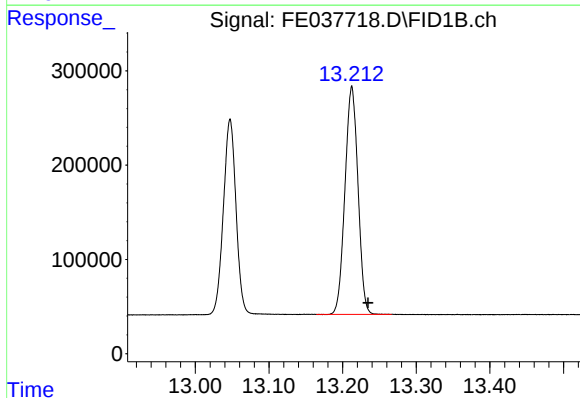
R.T.: 11.624 min
Delta R.T.: -0.023 min
Response: 3202065
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



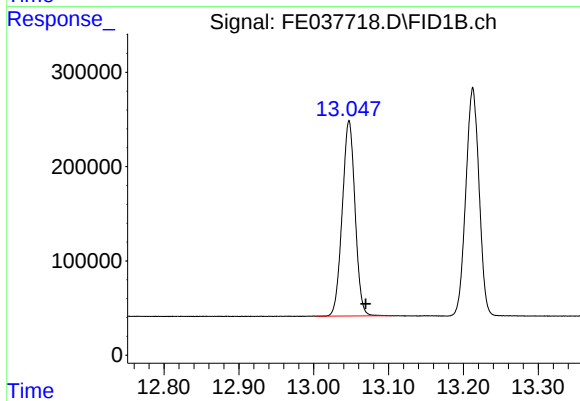
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.022 min
Response: 3020235
Conc: 19.09 ug/ml



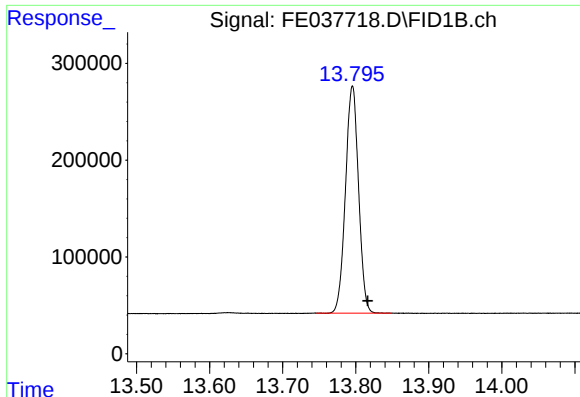
#11 n-Heneicosane (C21)

R.T.: 13.213 min
Delta R.T.: -0.022 min
Response: 2970466
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

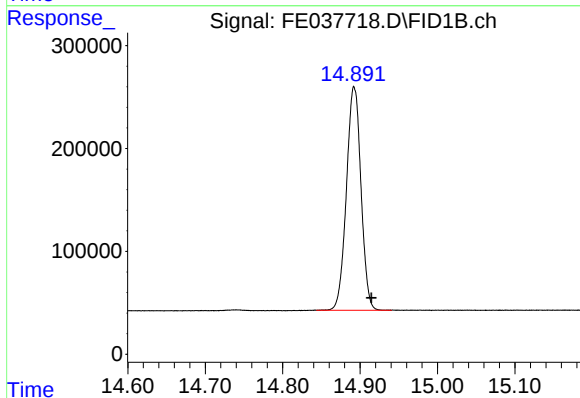
R.T.: 13.047 min
Delta R.T.: -0.023 min
Response: 2463450
Conc: 19.14 ug/ml



#13 n-Docosane (C22)

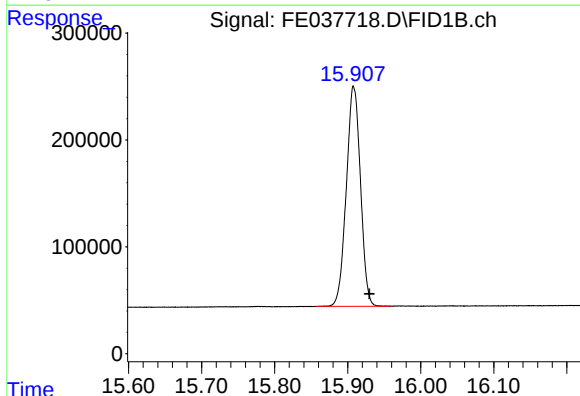
R.T.: 13.796 min
Delta R.T.: -0.021 min
Response: 2918587
Conc: 18.75 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



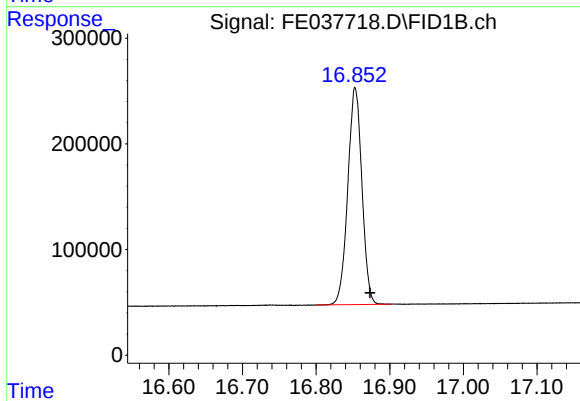
#14 n-Tetracosane (C24)

R.T.: 14.892 min
Delta R.T.: -0.022 min
Response: 2841327
Conc: 18.89 ug/ml



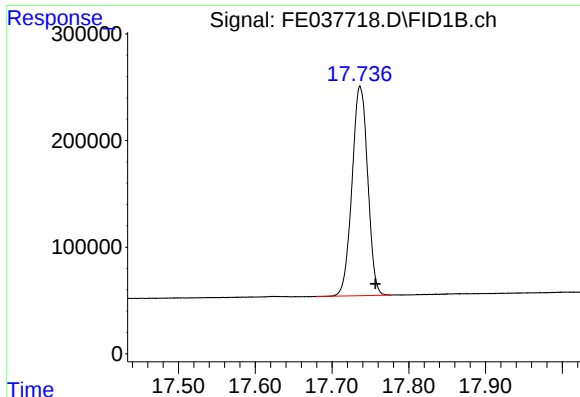
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.021 min
Response: 2774918
Conc: 19.16 ug/ml



#16 n-Octacosane (C28)

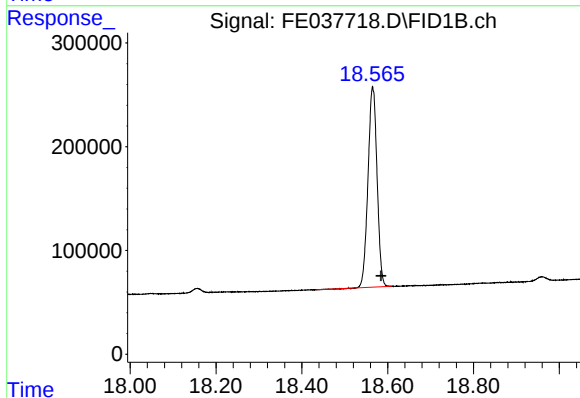
R.T.: 16.853 min
Delta R.T.: -0.020 min
Response: 2737355
Conc: 19.76 ug/ml



#17 n-Tricontane (C30)

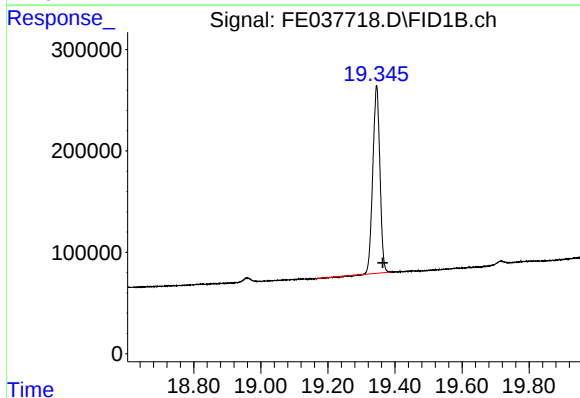
R.T.: 17.737 min
Delta R.T.: -0.020 min
Response: 2791930
Conc: 20.52 ug/ml

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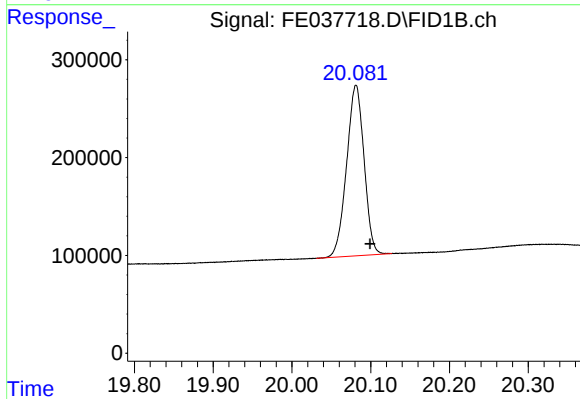
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: -0.019 min
Response: 2825938
Conc: 21.16 ug/ml



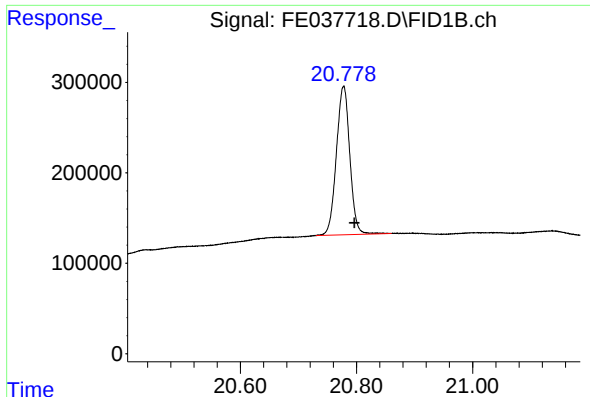
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.018 min
Response: 2718972
Conc: 21.49 ug/ml



#20 n-Hexatriacontane (C36)

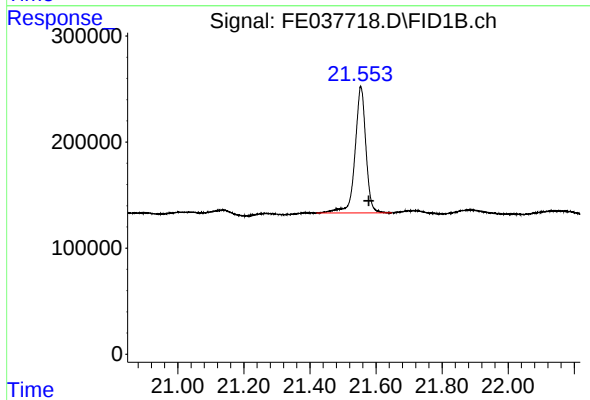
R.T.: 20.081 min
Delta R.T.: -0.018 min
Response: 2687757
Conc: 20.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.778 min
Delta R.T.: -0.019 min
Response: 2634606
Conc: 21.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: -0.025 min
Response: 2719283
Conc: 21.09 ug/ml m